

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112625\
 Data File : VN088368.D
 Acq On : 26 Nov 2025 13:12
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Nov 27 00:12:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N11325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	53794	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	255087	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	222840	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	136818	27.844	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.800%		
60) 4-Bromofluorobenzene	12.829	95	105919	28.118	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.733%		
63) Toluene-d8	10.541	98	317633	30.107	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.367%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61402	16.238	ug/l	99
3) Chloromethane	2.383	50	76981	19.745	ug/l	98
4) Vinyl Chloride	2.536	62	71794	17.415	ug/l	96
5) Bromomethane	2.983	94	38192	17.375	ug/l	91
6) Chloroethane	3.142	64	47107	18.487	ug/l	98
7) Trichlorofluoromethane	3.518	101	97268	16.829	ug/l	99
8) Diethyl Ether	3.959	74	43601	20.184	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	52922	17.454	ug/l	95
10) 1,1-Dichloroethene	4.336	96	51968	17.568	ug/l	86
11) Methyl Iodide	4.589	142	57379	18.227	ug/l	92
12) Methyl Acetate	5.018	43	104330	21.862	ug/l	95
13) Acrolein	4.177	56	100212	142.726	ug/l	97
14) Acrylonitrile	5.706	53	214206	98.782	ug/l	99
15) Acetone	4.418	58	63821	100.642	ug/l	85
16) Carbon Disulfide	4.706	76	169016	16.942	ug/l	97
17) Allyl chloride	5.012	41	103665	18.034	ug/l	96
18) Methylene Chloride	5.259	84	74660	20.306	ug/l	92
19) trans-1,2-Dichloroethene	5.777	96	60880	17.674	ug/l	94
20) Diisopropyl ether	6.653	45	246025	20.029	ug/l	96
21) 1,1-Dichloroethane	6.553	63	136289	19.694	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	78523	19.614	ug/l	91
23) tert-Butyl Alcohol	5.512	59	75652	94.878	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	236639	19.841	ug/l	99
25) Chloroform	7.947	83	135478	19.757	ug/l	100
26) Cyclohexane	8.241	56	86950	14.875	ug/l	99
29) 1,1-Dichloropropene	8.353	75	79590	18.700	ug/l	97
30) 2-Butanone	7.465	43	307740	111.775	ug/l	99
31) 2,2-Dichloropropane	7.471	77	100010	19.051	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	104423	19.902	ug/l	98
33) Carbon Tetrachloride	8.341	117	85596	19.104	ug/l	90
34) Benzene	8.588	78	271435	21.335	ug/l	98
35) Methacrylonitrile	7.759	41	64840	22.578	ug/l	95
36) 1,2-Dichloroethane	8.653	62	108028	21.818	ug/l	98
37) Trichloroethene	9.335	130	62418	21.650	ug/l	91
38) Methylcyclohexane	9.576	83	82048	16.814	ug/l	99
39) 1,2-Dichloropropane	9.600	63	72684	22.144	ug/l	95
40) Dibromomethane	9.682	93	54679	23.186	ug/l	99
41) Bromodichloromethane	9.865	83	105048	22.127	ug/l	96
42) Vinyl Acetate	6.588	43	1108185	120.597	ug/l	99

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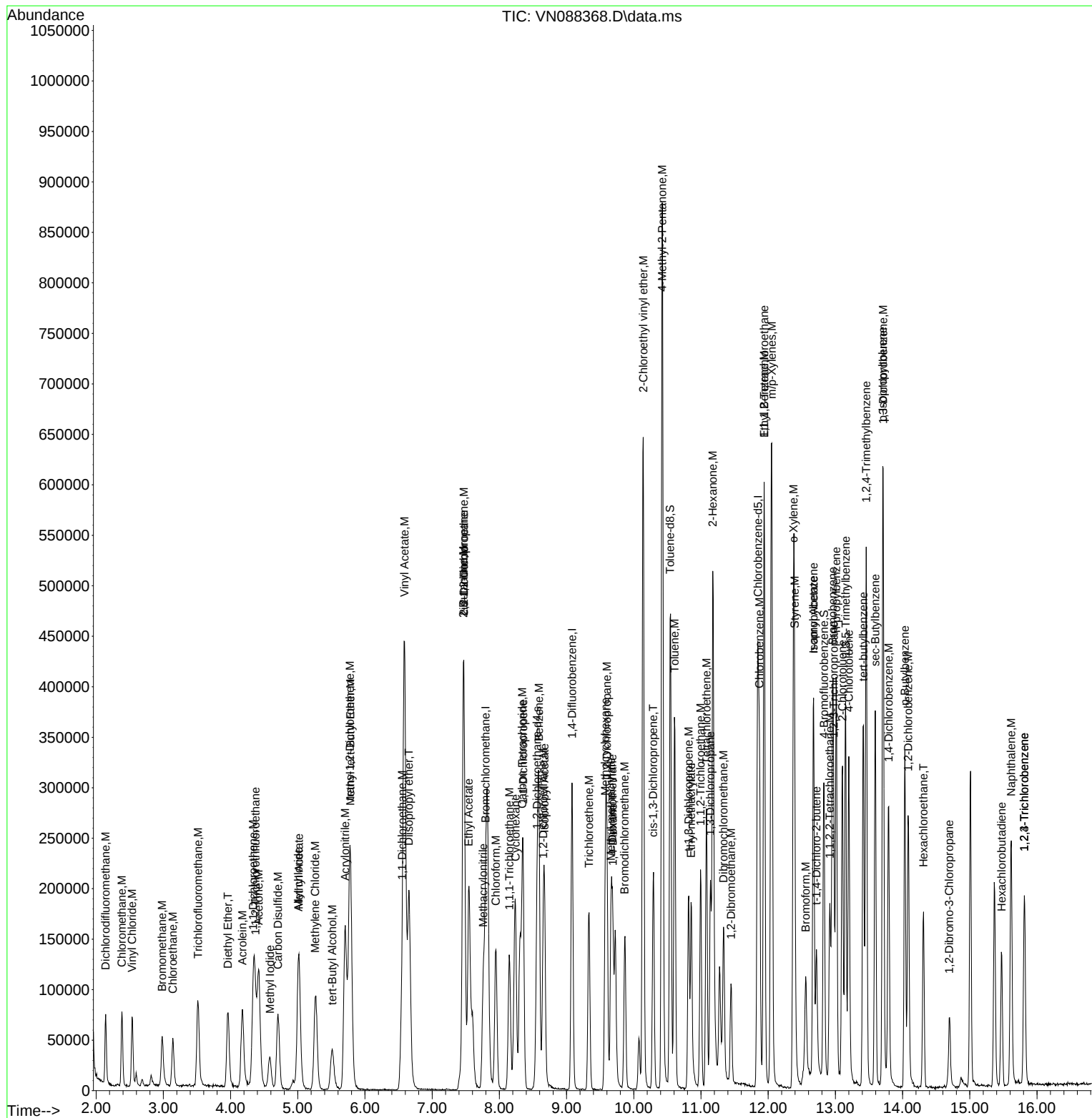
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43) Ethyl Acetate	7.541	43	115453	20.841	ug/l	96
44) Isopropyl Acetate	8.671	43	193247	22.636	ug/l	100
45) 1,4-Dioxane	9.688	88	26380	513.130	ug/l	95
46) Methyl methacrylate	9.659	41	89278	22.348	ug/l	93
47) n-amyl Acetate	12.676	43	1584	0.366	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	105475	20.772	ug/l	99
49) cis-1,3-Dichloropropene	10.288	75	113992	21.576	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	66533	22.816	ug/l	96
51) Ethyl methacrylate	10.853	69	103827	21.641	ug/l	99
52) 1,3-Dichloropropane	11.141	76	117901	22.201	ug/l	99
53) Dibromochloromethane	11.335	129	75927	22.668	ug/l	100
54) 1,2-Dibromoethane	11.447	107	66553	21.966	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	295018	106.748	ug/l	99
56) Bromoform	12.559	173	43369	20.456	ug/l	95
58) 4-Methyl-2-Pentanone	10.423	43	619181	122.851	ug/l	100
59) 2-Hexanone	11.176	43	391732	117.048	ug/l	99
61) Tetrachloroethene	11.082	164	58533	25.477	ug/l	88
62) Toluene	10.606	91	271787	21.253	ug/l	99
64) Chlorobenzene	11.870	112	165481	20.894	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.941	131	61324	22.622	ug/l	98
66) Ethyl Benzene	11.941	91	277384	19.681	ug/l	93
67) m/p-Xylenes	12.053	106	208849	39.625	ug/l	98
68) o-Xylene	12.376	106	99840	20.080	ug/l	97
69) Styrene	12.394	104	168040	19.899	ug/l	99
70) Isopropylbenzene	12.676	105	248100	18.829	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	92641	21.705	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	127801	30.907	ug/l	50
73) Bromobenzene	12.959	156	61495	20.672	ug/l	100
74) n-propylbenzene	13.012	91	306527	18.798	ug/l	100
75) 2-Chlorotoluene	13.106	91	185065	18.664	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	210475	19.029	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	29666	20.892	ug/l	98
78) 4-Chlorotoluene	13.200	91	190387	18.948	ug/l	95
79) tert-butylbenzene	13.417	119	174375	18.414	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	206222	18.750	ug/l	98
81) sec-Butylbenzene	13.594	105	253754	18.372	ug/l	99
82) p-Isopropyltoluene	13.706	119	211505	18.532	ug/l	97
83) 1,3-Dichlorobenzene	13.711	146	116961	20.237	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	114676	19.592	ug/l	97
85) n-Butylbenzene	14.035	91	190668	17.529	ug/l	99
86) Hexachloroethane	14.311	117	37456	17.141	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	110523	20.259	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	21130	21.062	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	63500	20.742	ug/l	97
90) Hexachlorobutadiene	15.476	225	21615	18.181	ug/l	98
91) Naphthalene	15.617	128	228149	20.597	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	63500	20.742	ug/l	97

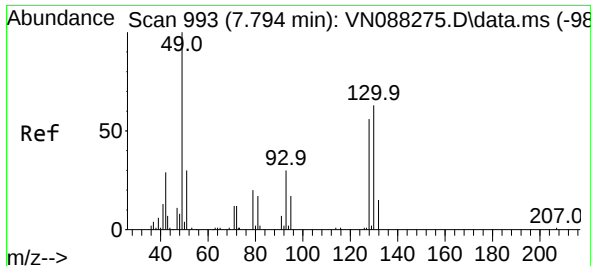
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Instrument :
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ClientSampleId :
VSTDCCC020EC

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QLast Update : Fri Nov 14 00:49:21 2025
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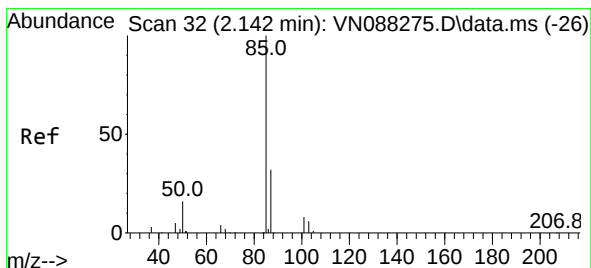
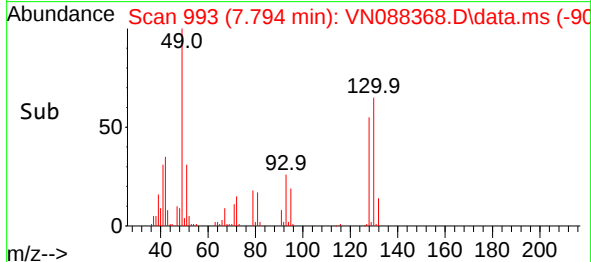
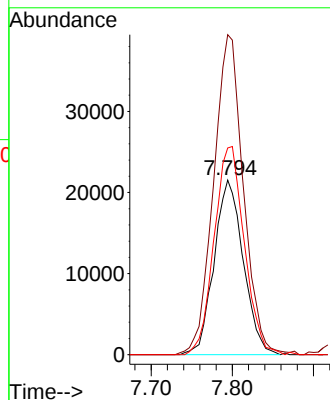
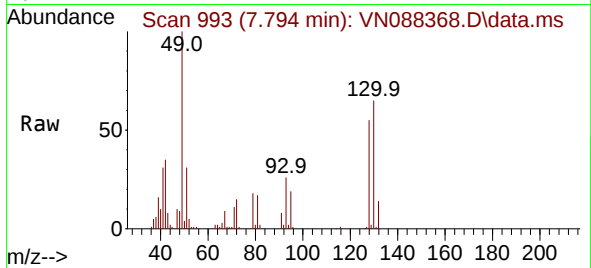




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

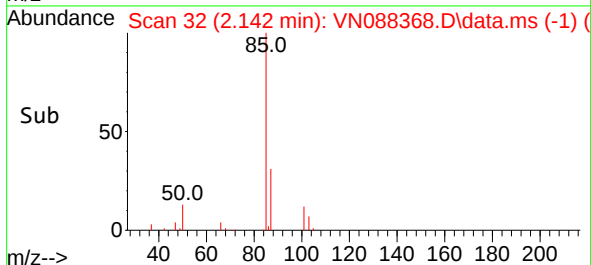
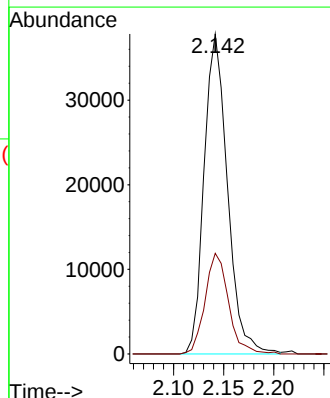
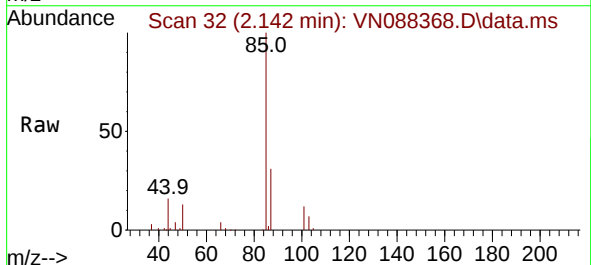
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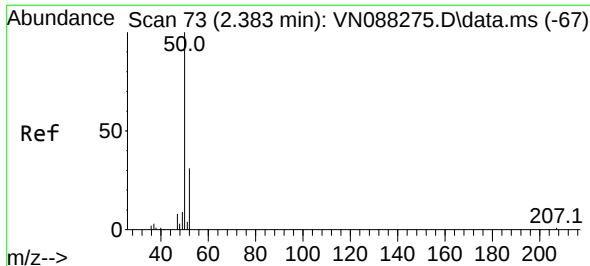
Tgt Ion:128 Resp: 53794
Ion Ratio Lower Upper
128 100
49 186.9 0.0 501.2
130 123.3 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 16.238 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 85 Resp: 61402
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

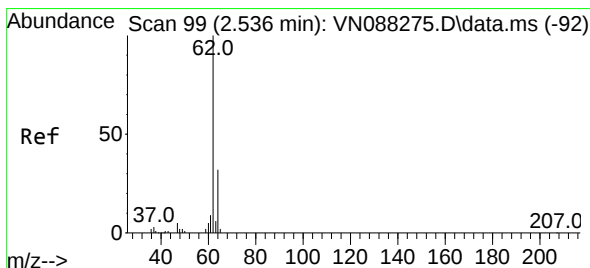
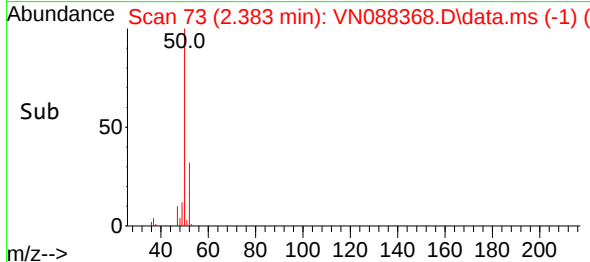
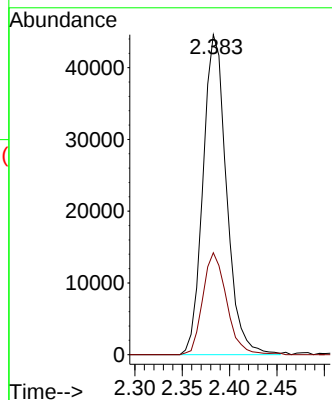
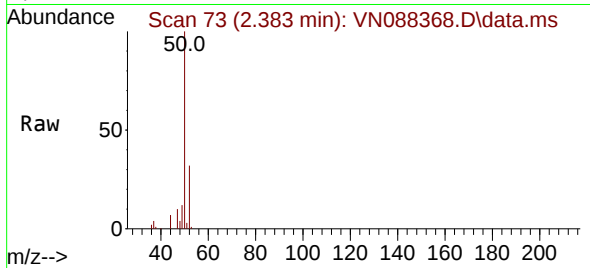




#3
Chloromethane
Concen: 19.745 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

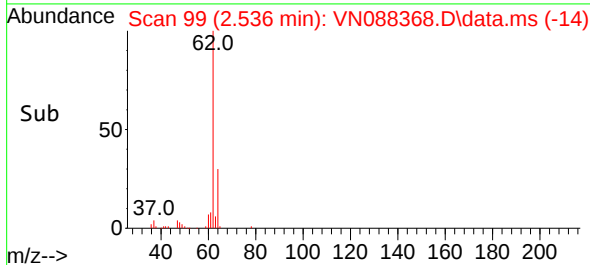
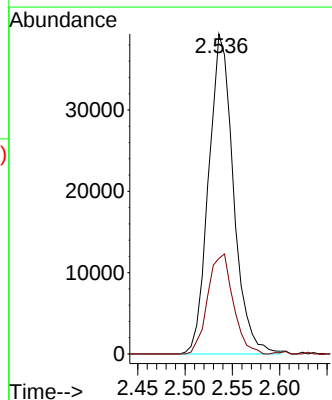
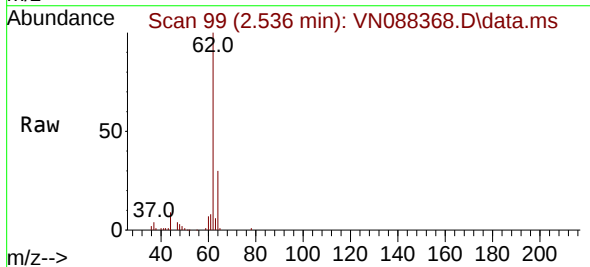
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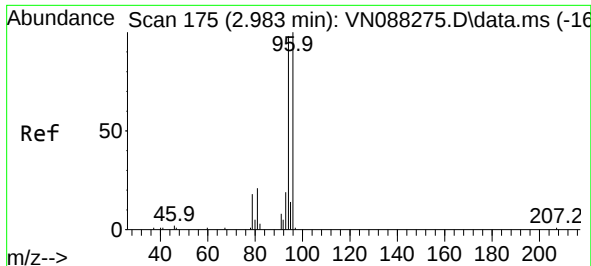
Tgt Ion: 50 Resp: 76981
Ion Ratio Lower Upper
50 100
52 31.9 24.6 36.8



#4
Vinyl Chloride
Concen: 17.415 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 62 Resp: 71794
Ion Ratio Lower Upper
62 100
64 29.8 25.4 38.2

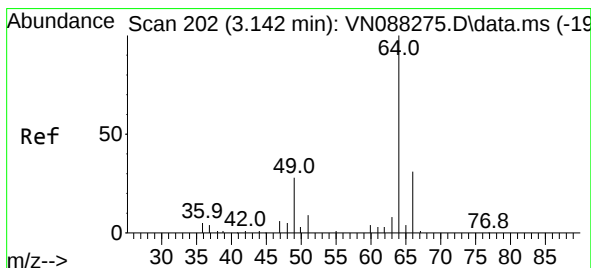
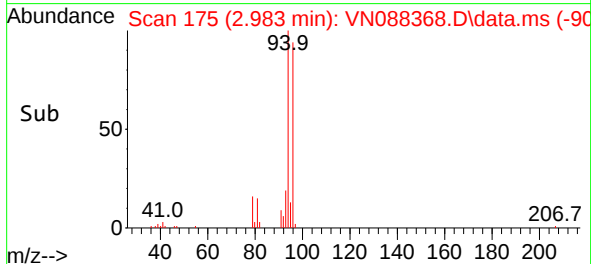
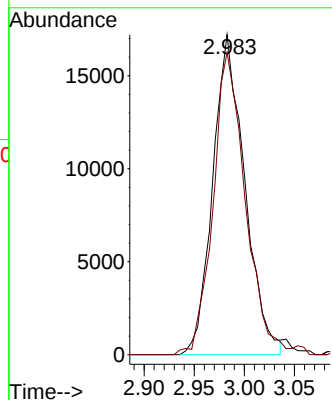
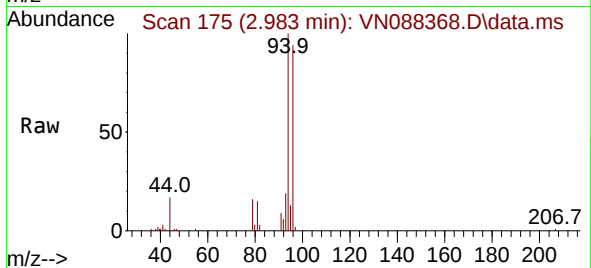




#5
Bromomethane
Concen: 17.375 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

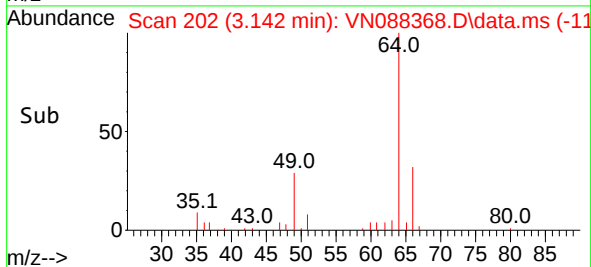
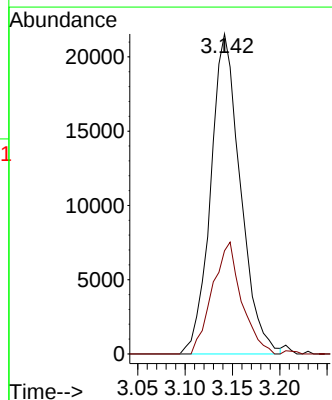
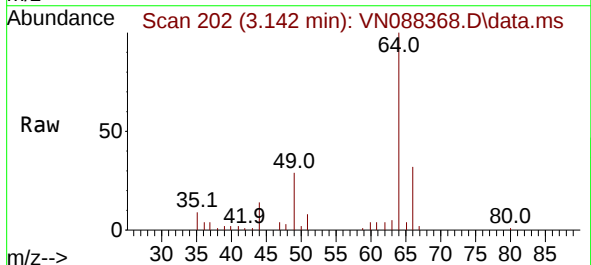
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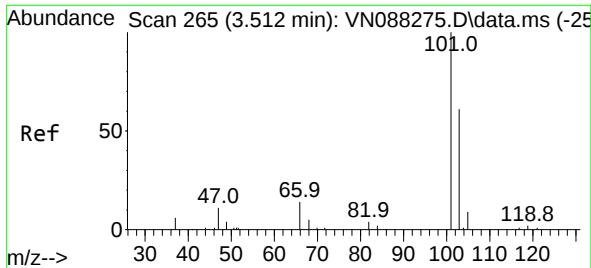
Tgt Ion: 94 Resp: 38192
Ion Ratio Lower Upper
94 100
96 93.0 81.3 121.9



#6
Chloroethane
Concen: 18.487 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 64 Resp: 47107
Ion Ratio Lower Upper
64 100
66 32.3 24.7 37.1

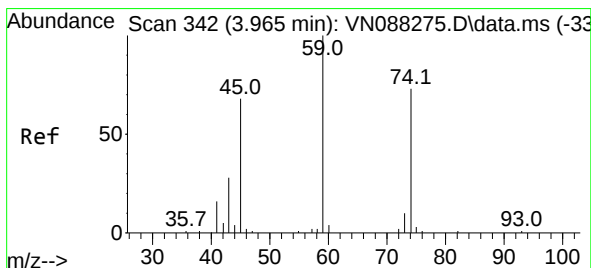
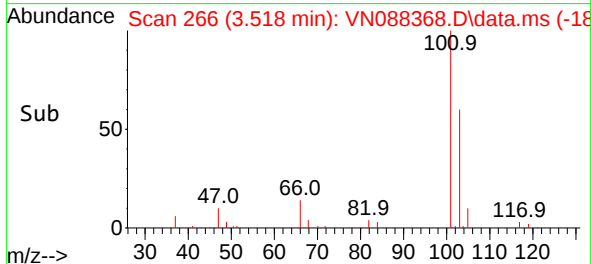
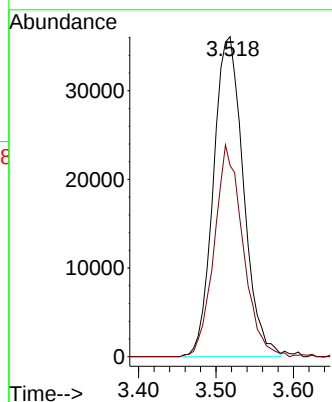
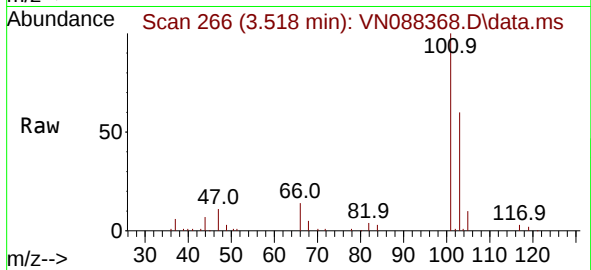




#7
Trichlorofluoromethane
Concen: 16.829 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

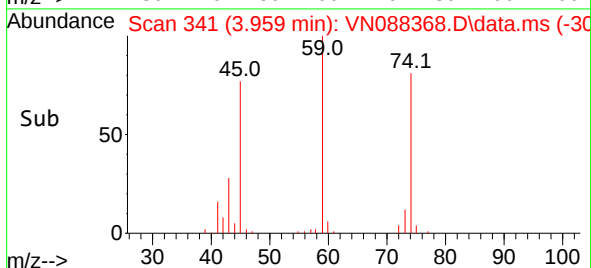
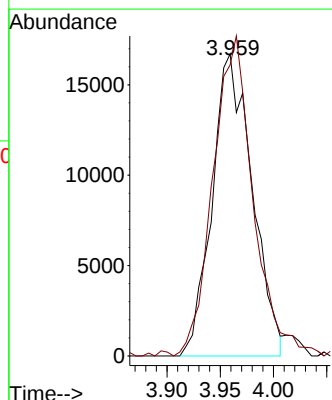
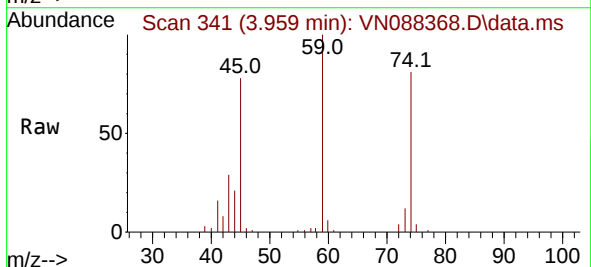
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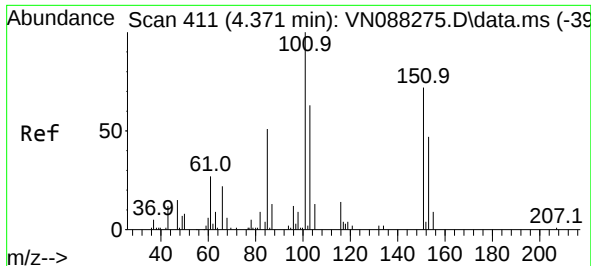
Tgt Ion:101 Resp: 97268
Ion Ratio Lower Upper
101 100
103 59.7 48.6 73.0



#8
Diethyl Ether
Concen: 20.184 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 74 Resp: 43601
Ion Ratio Lower Upper
74 100
45 103.9 20.9 187.7

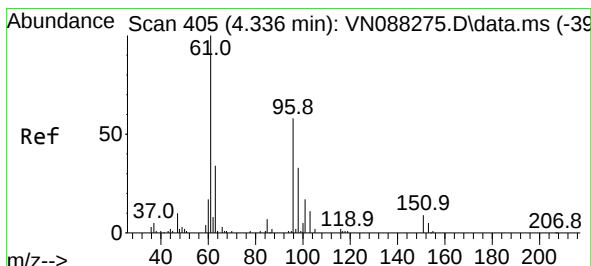
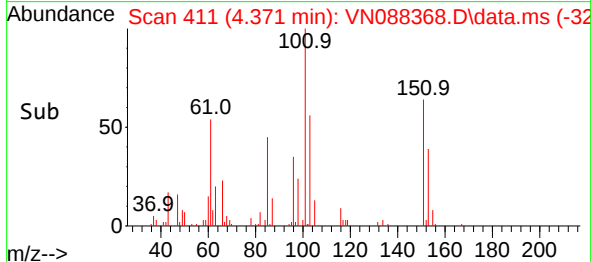
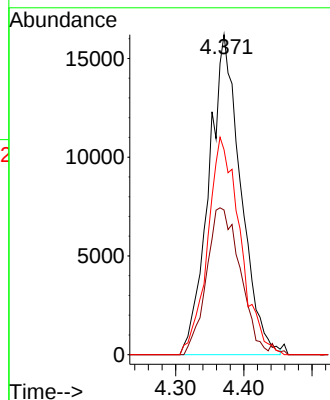
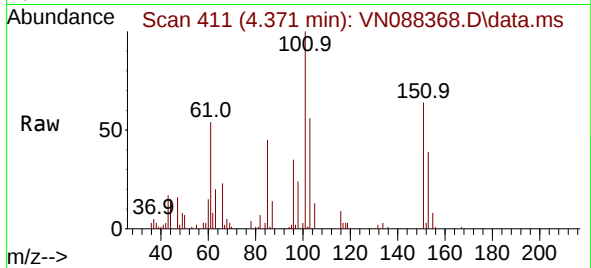




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.454 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN088368.D
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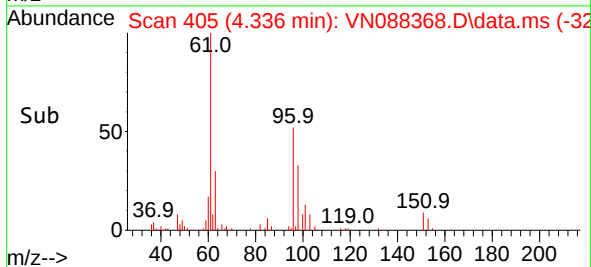
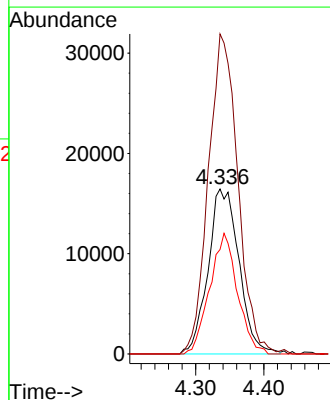
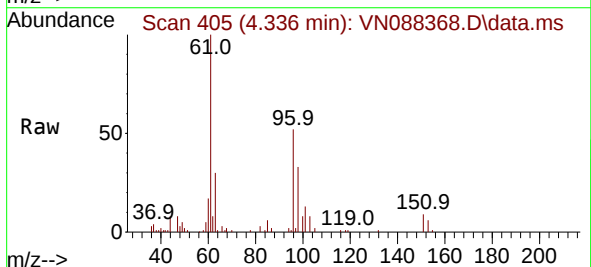
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 ClientSampleId :
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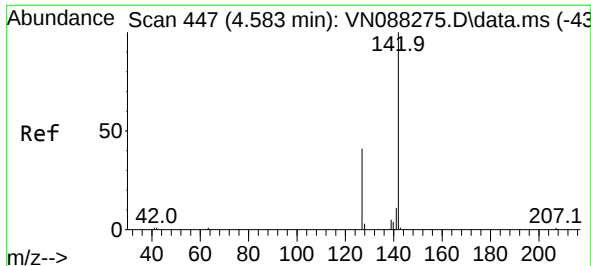
Tgt Ion:	101	Resp:	52922
Ion	Ratio	Lower	Upper
101	100		
85	48.3	0.0	100.8
151	63.5	0.0	138.4



#10
 1,1-Dichloroethene
 Concen: 17.568 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

Tgt Ion:	96	Resp:	51968
Ion	Ratio	Lower	Upper
96	100		
61	194.0	137.8	206.8
98	63.4	45.6	68.4

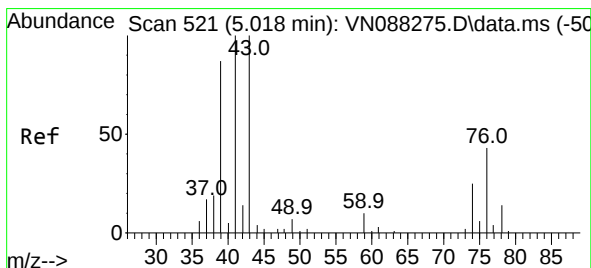
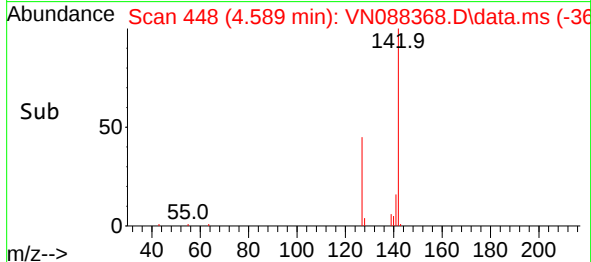
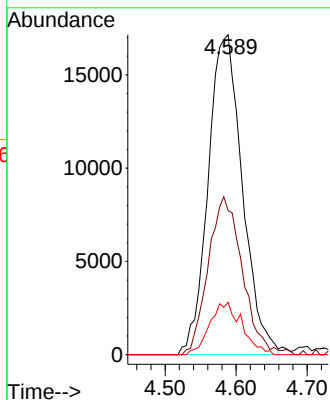
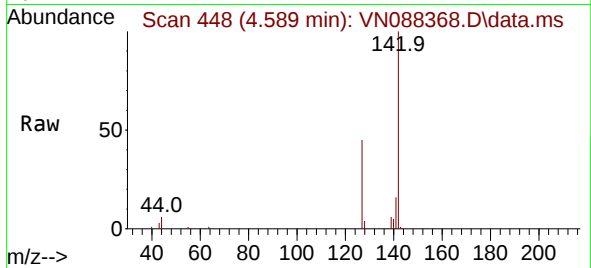




#11
Methyl Iodide
Concen: 18.227 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

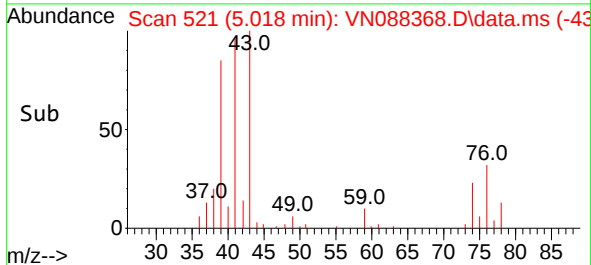
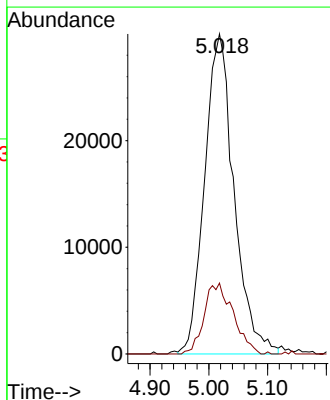
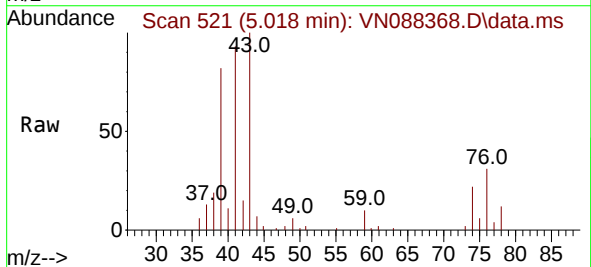
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

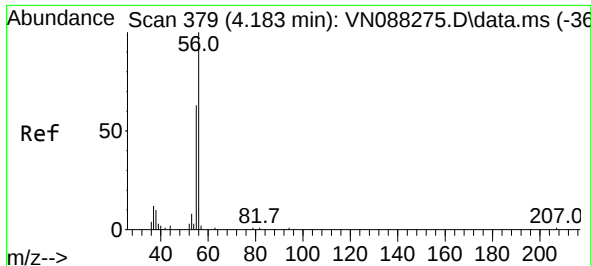
Tgt Ion:142 Resp: 57379
Ion Ratio Lower Upper
142 100
127 44.8 20.4 61.2
141 16.5 5.6 16.8



#12
Methyl Acetate
Concen: 21.862 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 43 Resp: 104330
Ion Ratio Lower Upper
43 100
74 22.4 19.8 29.8

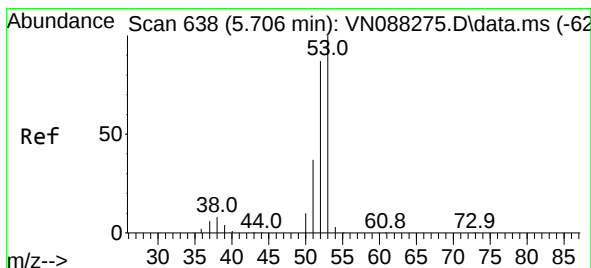
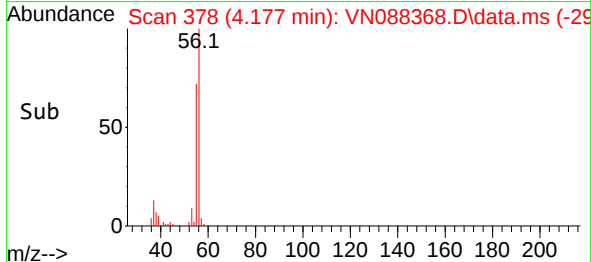
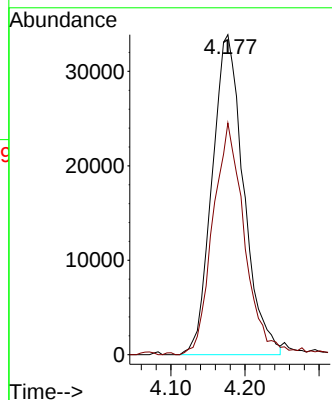
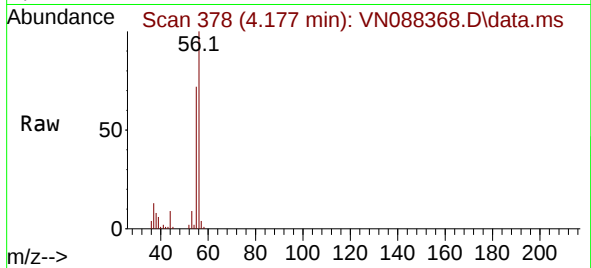




#13
Acrolein
Concen: 142.726 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

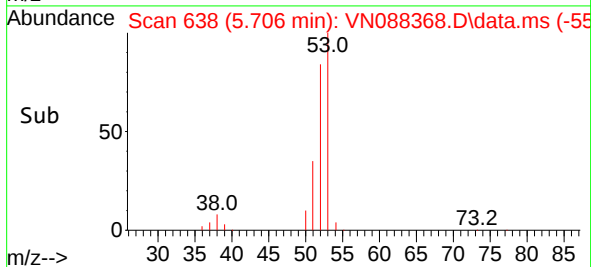
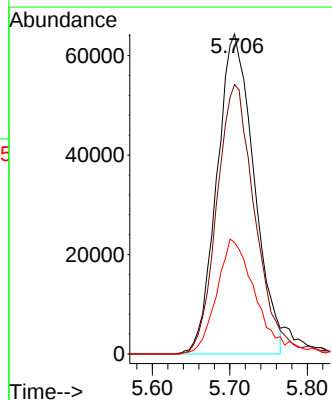
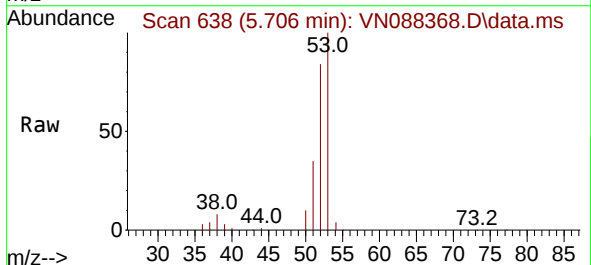
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

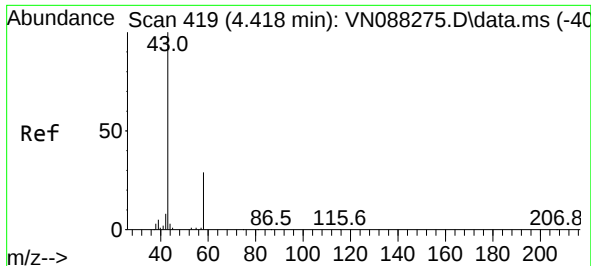
Tgt Ion: 56 Resp: 100212
Ion Ratio Lower Upper
56 100
55 70.3 57.9 86.9



#14
Acrylonitrile
Concen: 98.782 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 53 Resp: 214206
Ion Ratio Lower Upper
53 100
52 86.1 42.3 126.9
51 36.5 18.4 55.2

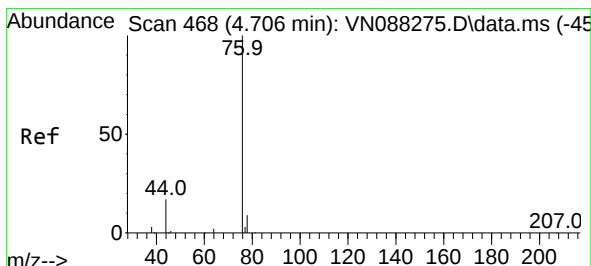
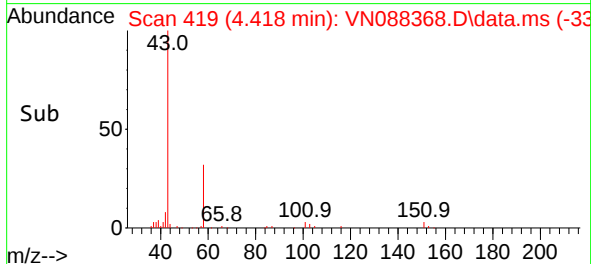
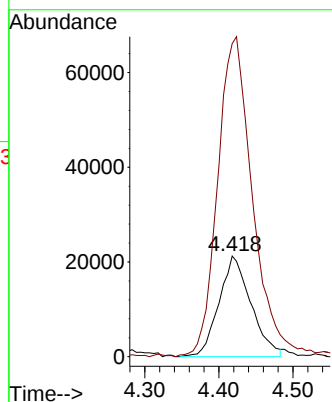
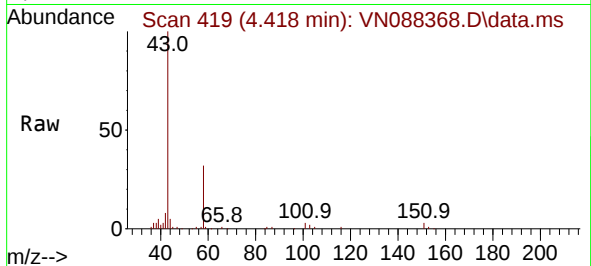




#15
Acetone
Concen: 100.642 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

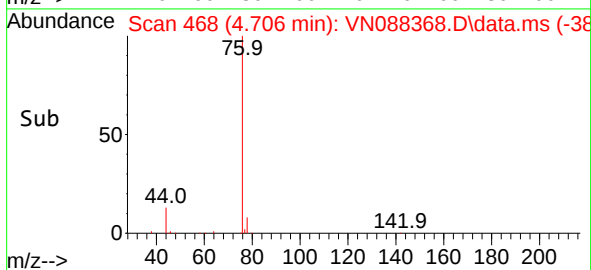
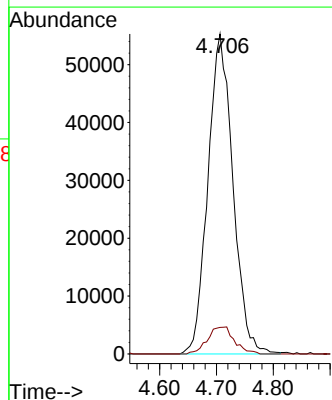
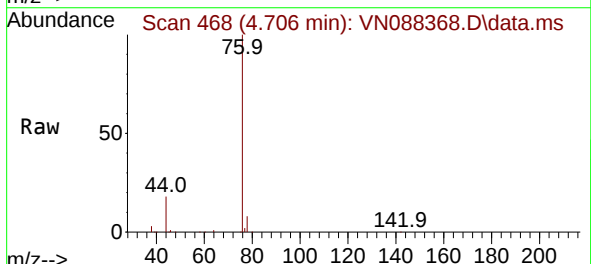
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

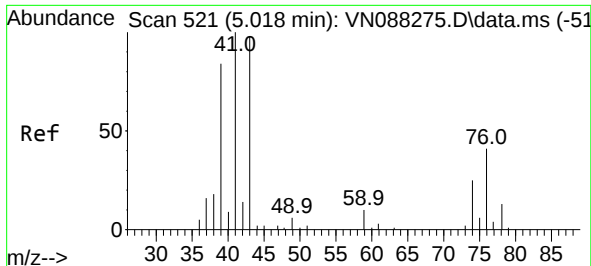
Tgt Ion: 58 Resp: 63821
Ion Ratio Lower Upper
58 100
43 309.3 273.9 410.9



#16
Carbon Disulfide
Concen: 16.942 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 76 Resp: 169016
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3





#17

Allyl chloride

Concen: 18.034 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

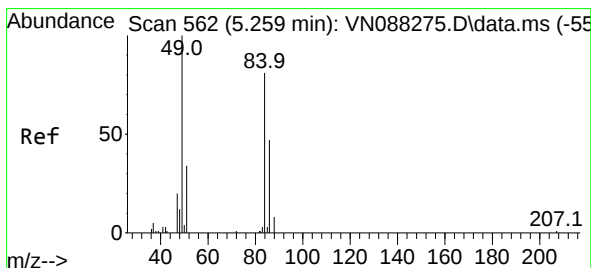
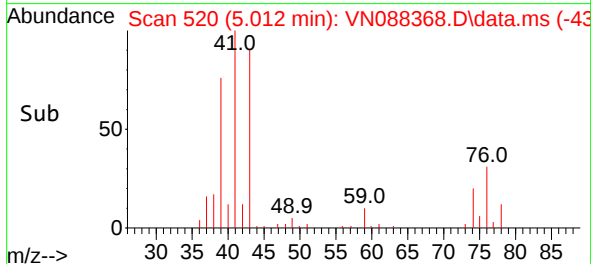
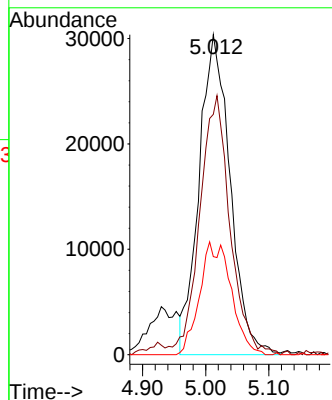
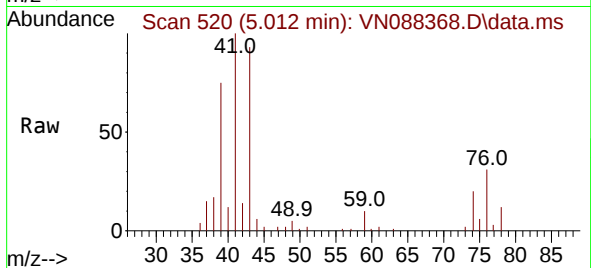
Tgt Ion: 41 Resp: 103665

Ion Ratio Lower Upper

41 100

39 75.5 38.3 114.9

76 30.8 18.5 55.5



#18

Methylene Chloride

Concen: 20.306 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Tgt Ion: 84 Resp: 74660

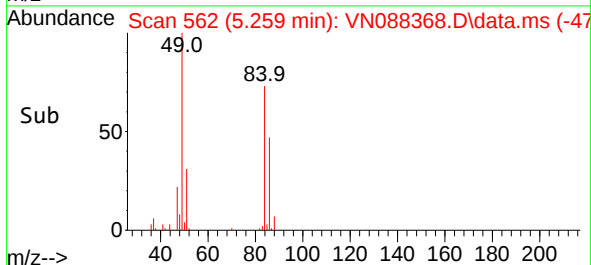
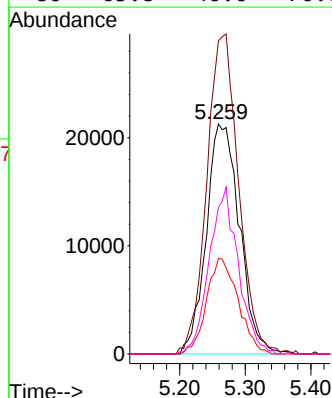
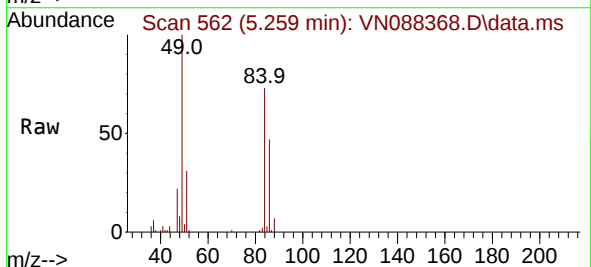
Ion Ratio Lower Upper

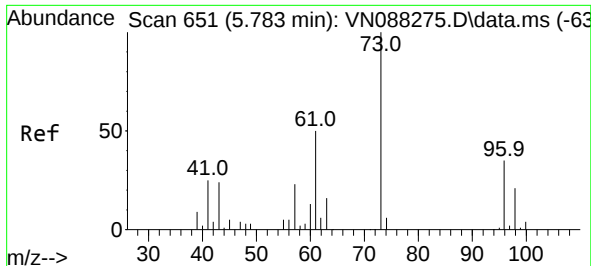
84 100

49 135.4 98.7 148.1

51 41.6 33.7 50.5

86 63.8 46.6 70.0

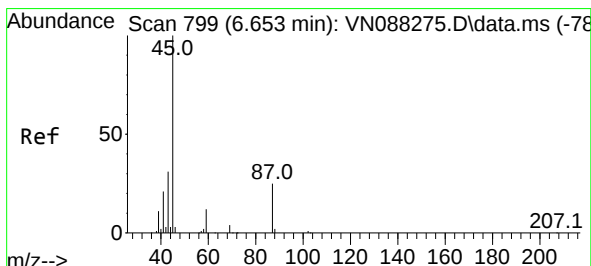
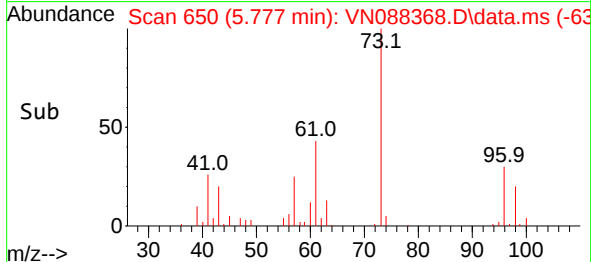
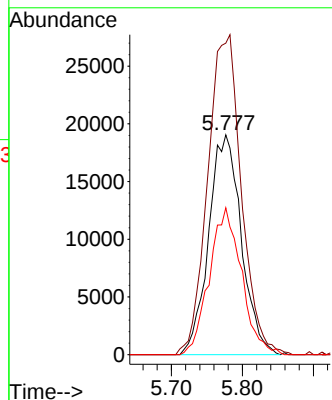
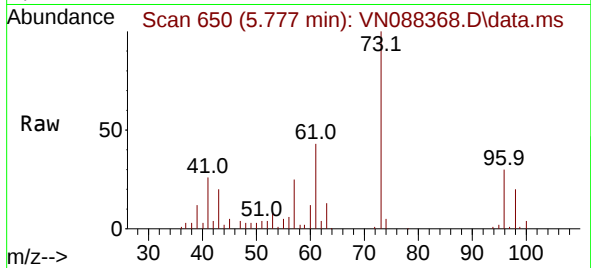




#19
trans-1,2-Dichloroethene
Concen: 17.674 ug/l
RT: 5.777 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

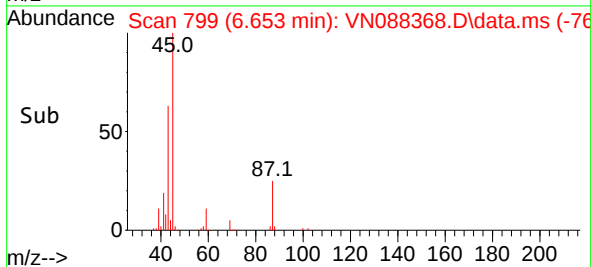
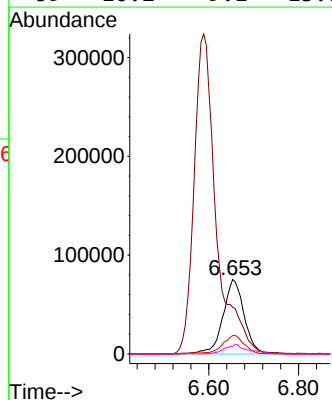
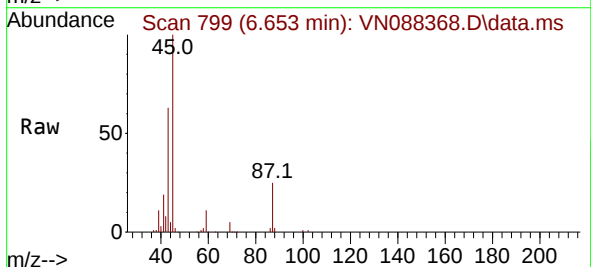
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

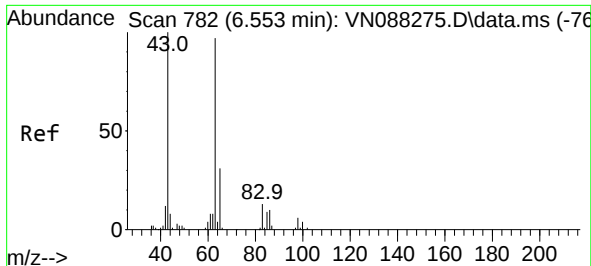
Tgt Ion: 96 Resp: 60880
Ion Ratio Lower Upper
96 100
61 139.5 117.0 175.4
98 66.8 48.6 72.8



#20
Diisopropyl ether
Concen: 20.029 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 45 Resp: 246025
Ion Ratio Lower Upper
45 100
43 61.4 51.9 77.9
87 24.5 21.1 31.7
59 10.2 9.1 13.7

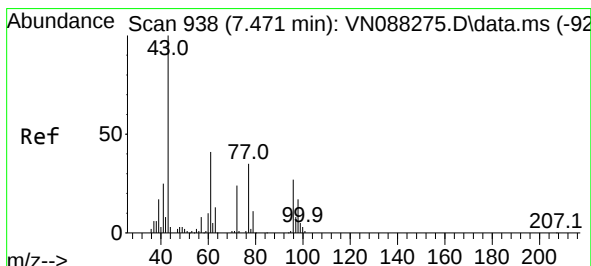
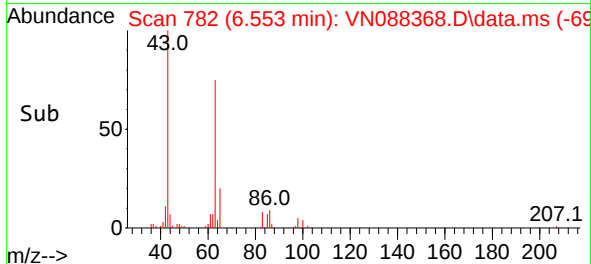
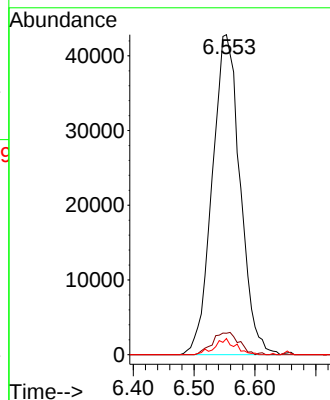
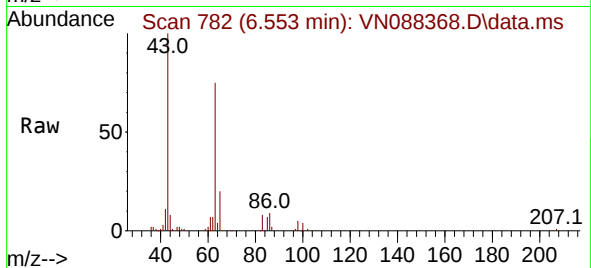




#21
1,1-Dichloroethane
Concen: 19.694 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

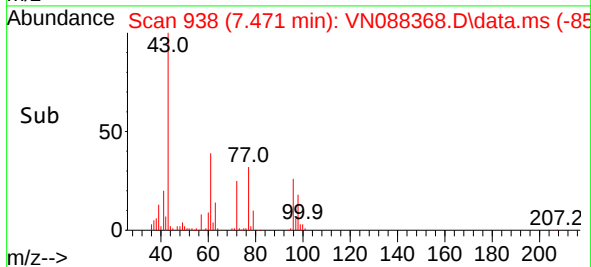
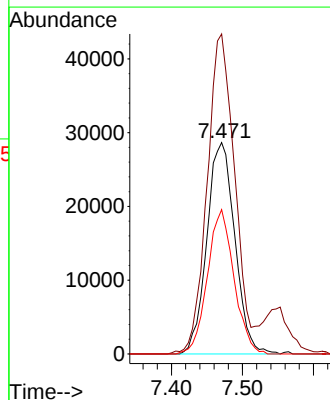
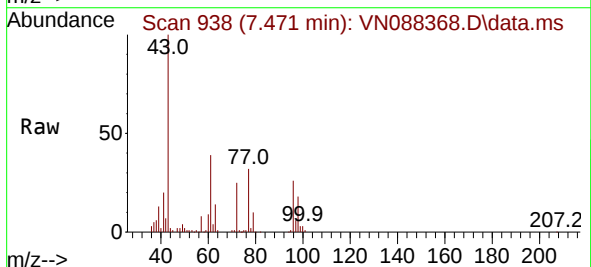
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

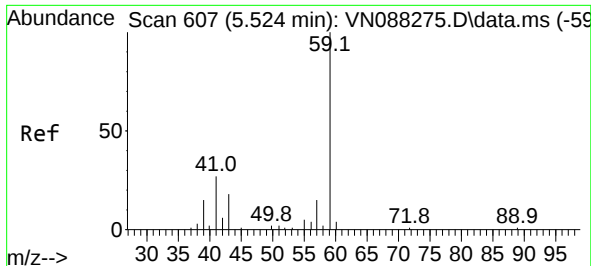
Tgt Ion: 63 Resp: 136289
Ion Ratio Lower Upper
63 100
98 6.7 3.0 9.0
100 5.1 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 19.614 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 96 Resp: 78523
Ion Ratio Lower Upper
96 100
61 147.4 131.2 196.8
98 64.7 51.0 76.4

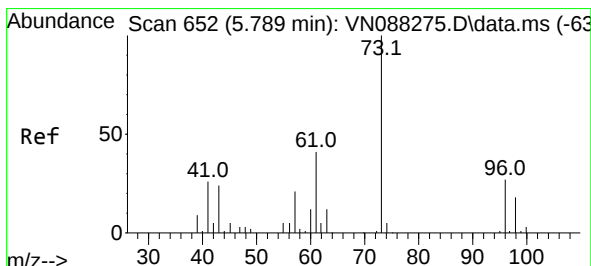
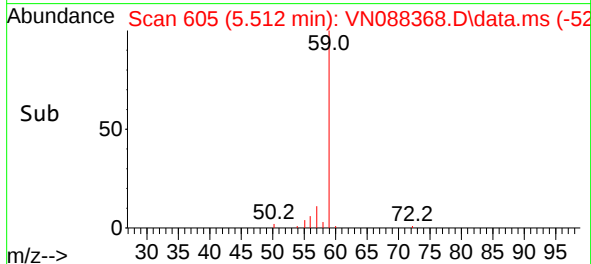
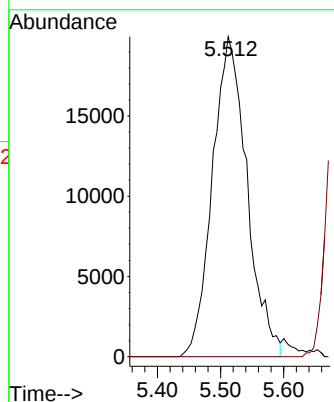
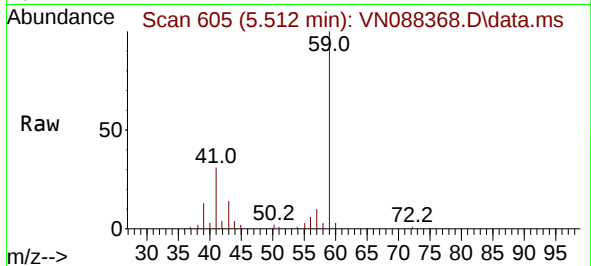




#23
tert-Butyl Alcohol
Concen: 94.878 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

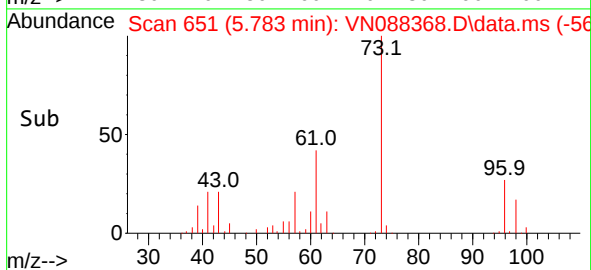
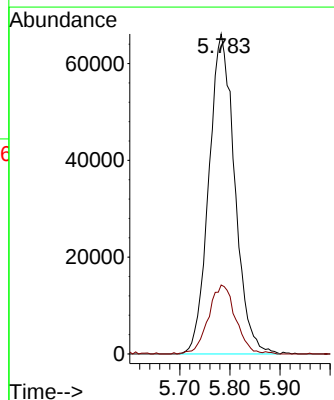
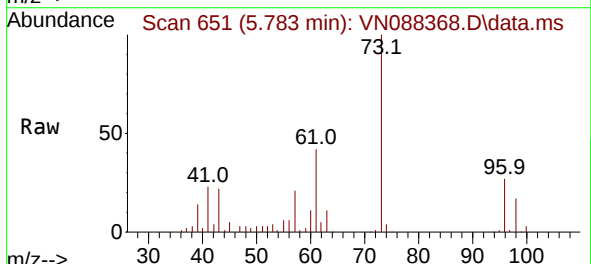
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

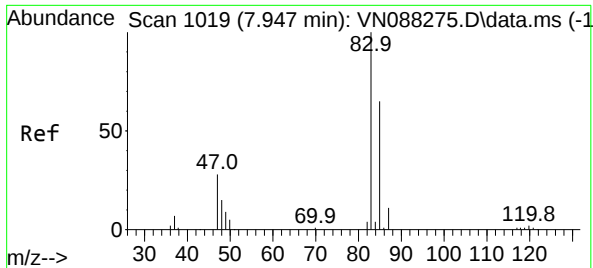
Tgt Ion: 59 Resp: 75652
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.841 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 73 Resp: 236639
Ion Ratio Lower Upper
73 100
43 22.5 18.5 27.7

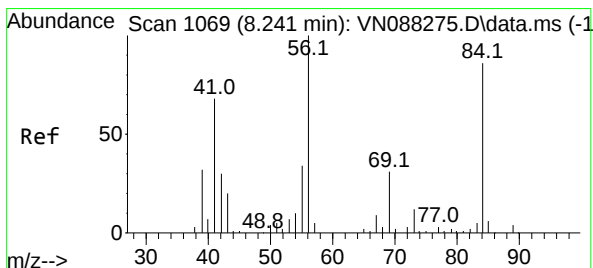
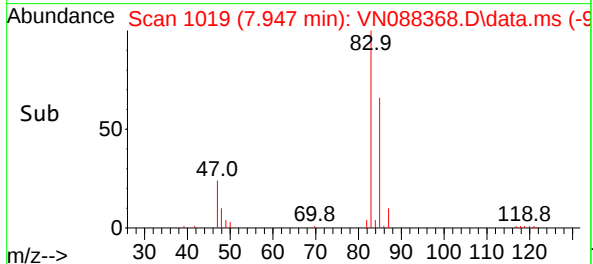
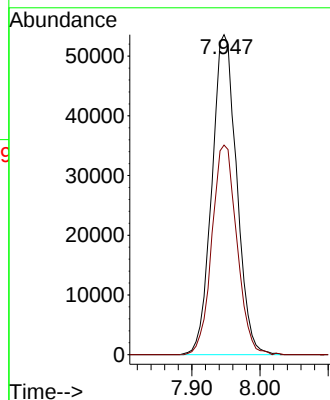
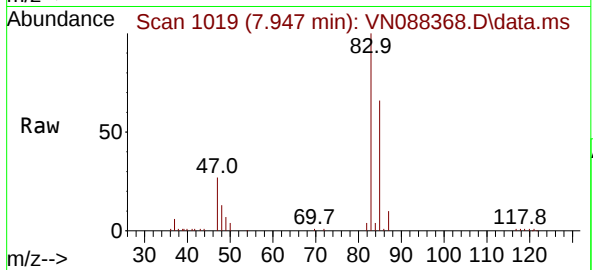




#25
Chloroform
Concen: 19.757 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

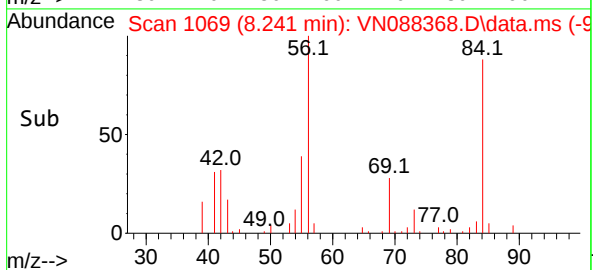
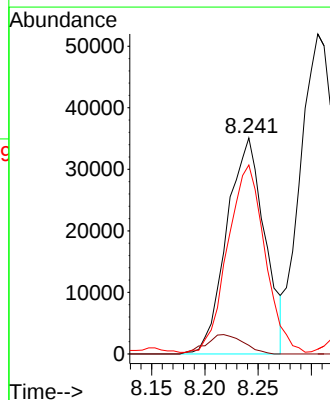
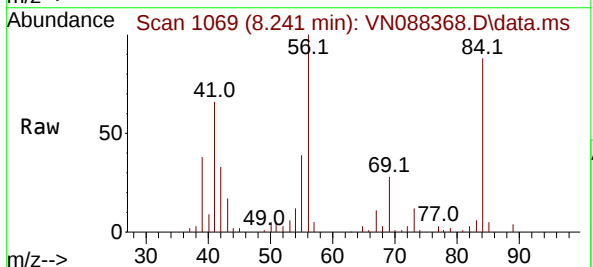
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

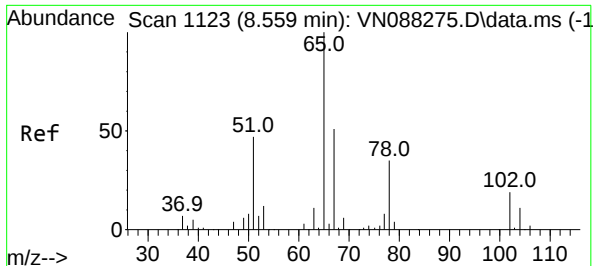
Tgt Ion: 83 Resp: 135478
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.4



#26
Cyclohexane
Concen: 14.875 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 56 Resp: 86950
Ion Ratio Lower Upper
56 100
89 8.9 7.3 10.9
84 85.6 67.8 101.8

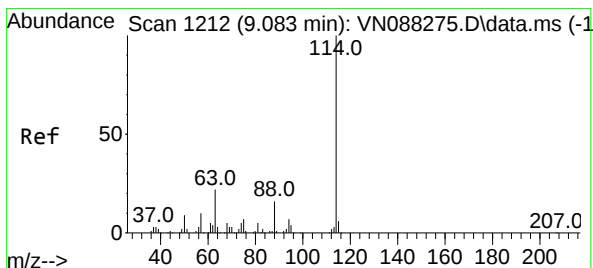
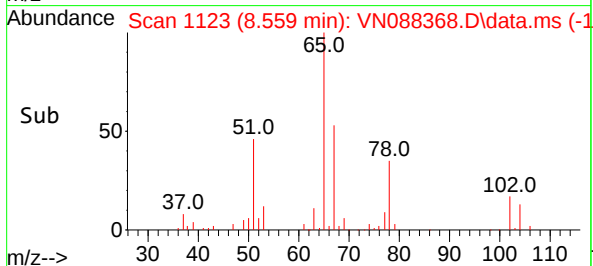
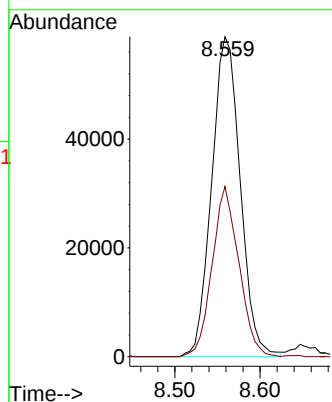
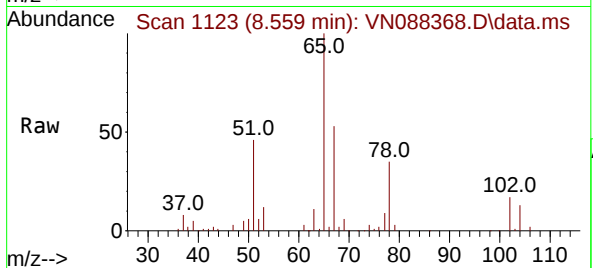




#27
1,2-Dichloroethane-d4
Concen: 27.844 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

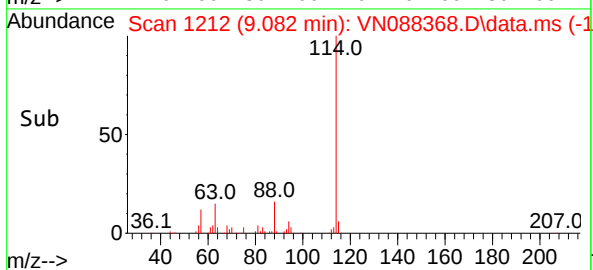
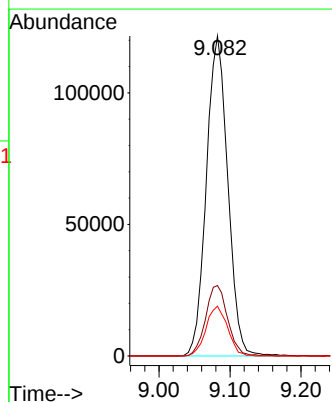
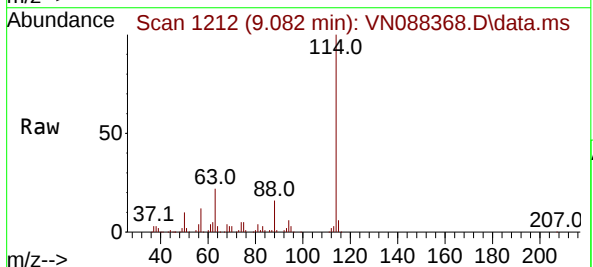
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

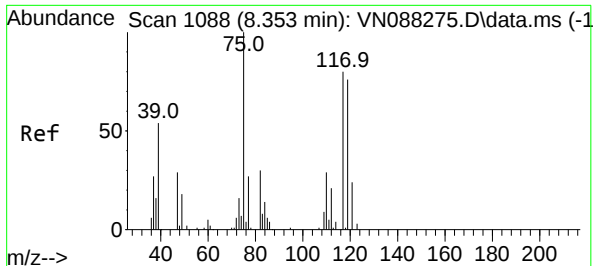
Tgt Ion: 65 Resp: 136818
Ion Ratio Lower Upper
65 100
67 49.9 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 114 Resp: 255087
Ion Ratio Lower Upper
114 100
63 22.6 18.9 28.3
88 15.6 12.8 19.2

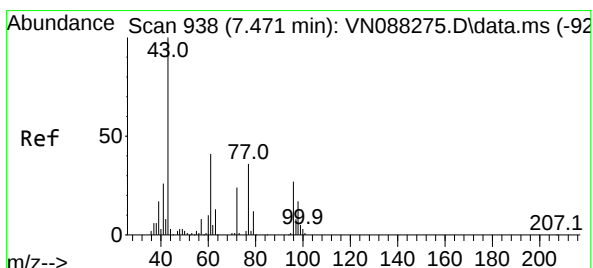
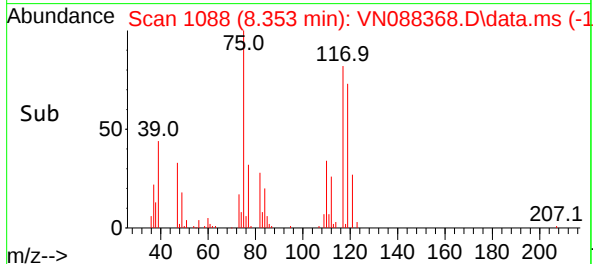
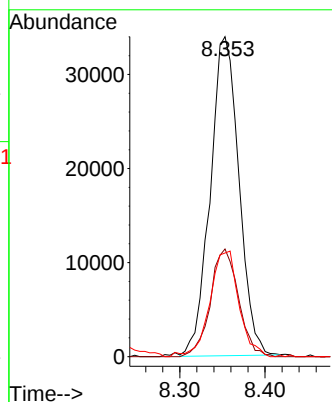
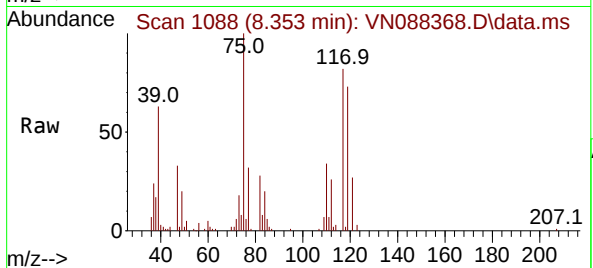




#29
1,1-Dichloropropene
Concen: 18.700 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

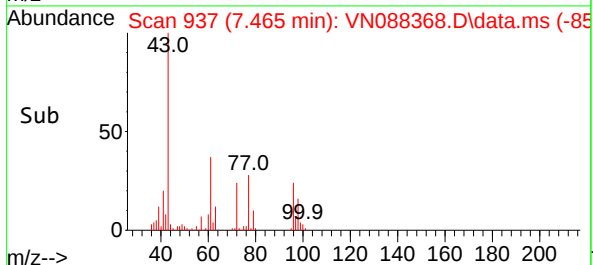
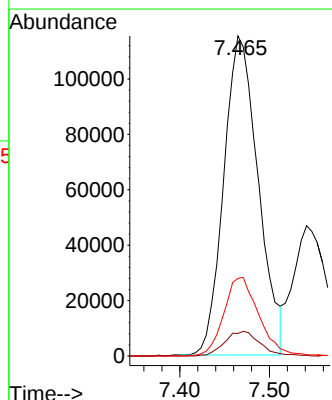
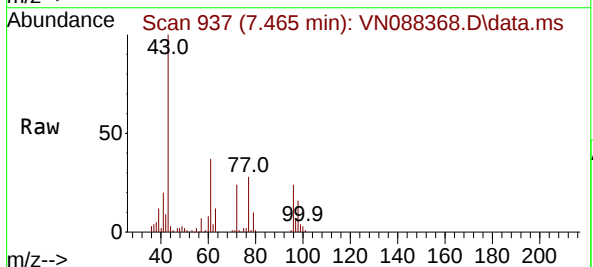
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

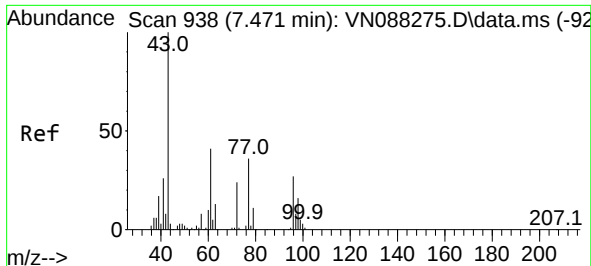
Tgt Ion: 75 Resp: 79590
Ion Ratio Lower Upper
75 100
110 33.1 0.0 65.6
77 33.0 0.0 60.8



#30
2-Butanone
Concen: 111.775 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 43 Resp: 307740
Ion Ratio Lower Upper
43 100
57 7.9 6.2 9.4
72 25.1 19.4 29.2

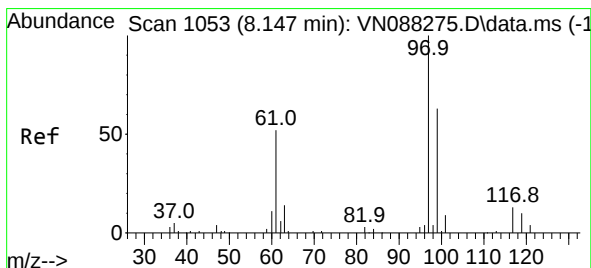
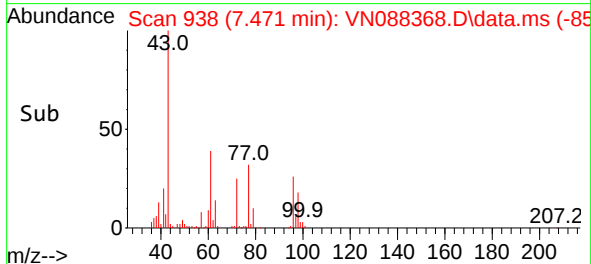
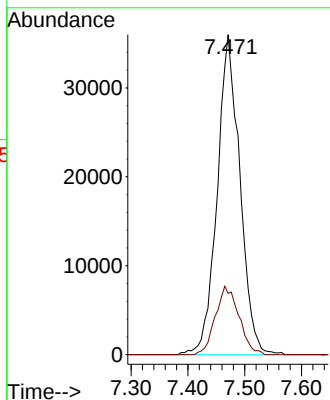
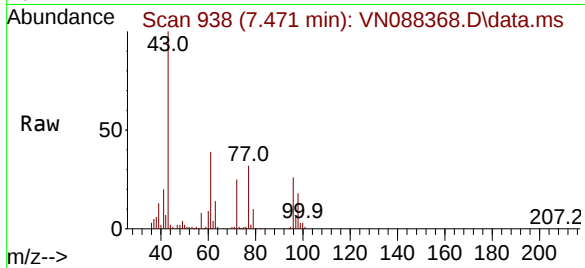




#31
2,2-Dichloropropane
Concen: 19.051 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

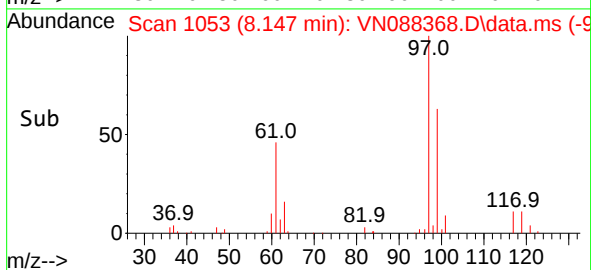
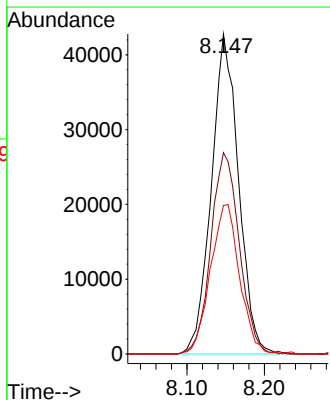
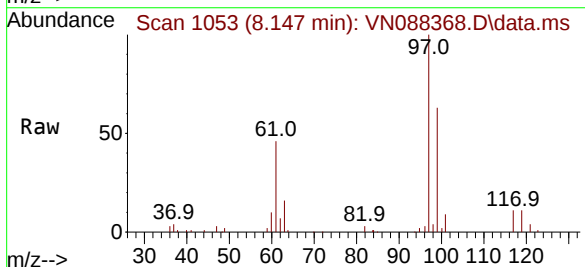
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

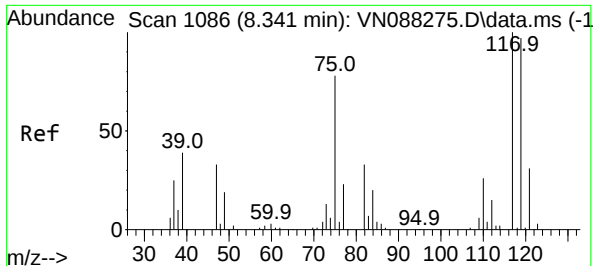
Tgt Ion: 77 Resp: 100010
Ion Ratio Lower Upper
77 100
97 22.1 16.8 25.2



#32
1,1,1-Trichloroethane
Concen: 19.902 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 97 Resp: 104423
Ion Ratio Lower Upper
97 100
99 65.8 50.2 75.4
61 49.9 39.8 59.8

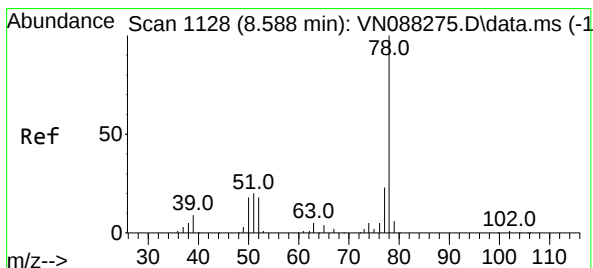
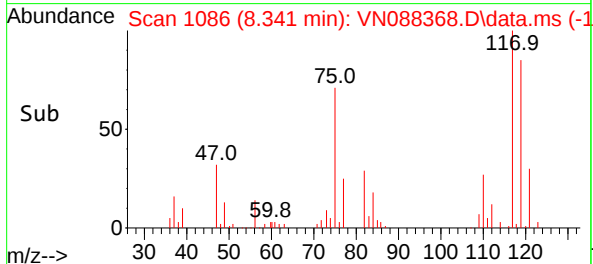
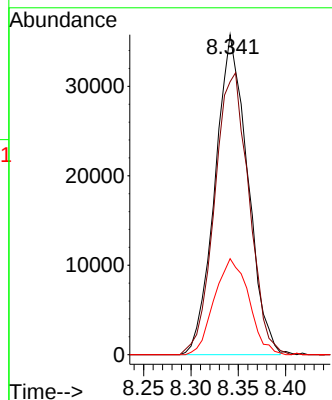
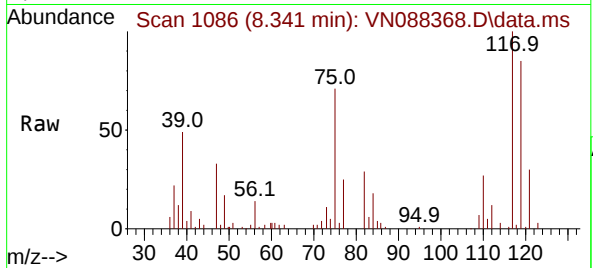




#33
Carbon Tetrachloride
Concen: 19.104 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

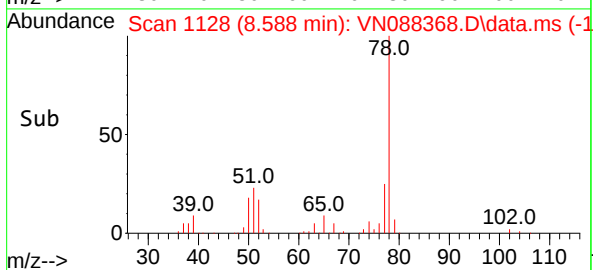
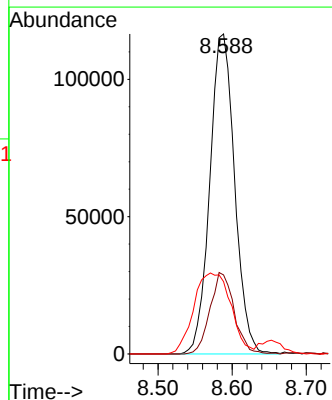
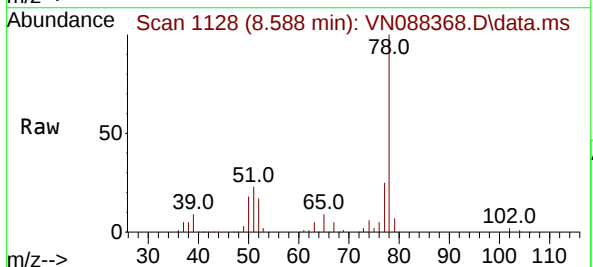
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

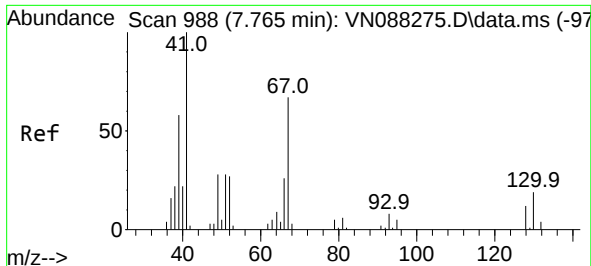
Tgt Ion:117 Resp: 85596
Ion Ratio Lower Upper
117 100
119 85.3 77.8 116.8
121 30.0 24.5 36.7



#34
Benzene
Concen: 21.335 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 78 Resp: 271435
Ion Ratio Lower Upper
78 100
77 24.7 18.6 27.8
51 19.5 15.8 23.8

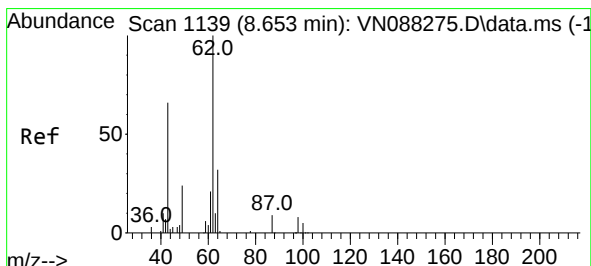
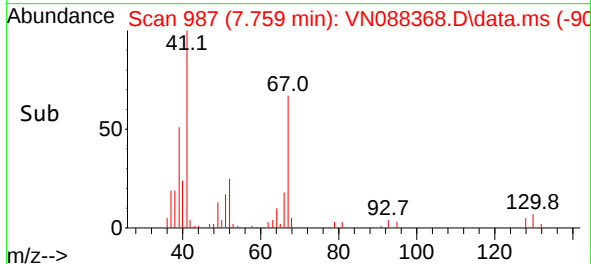
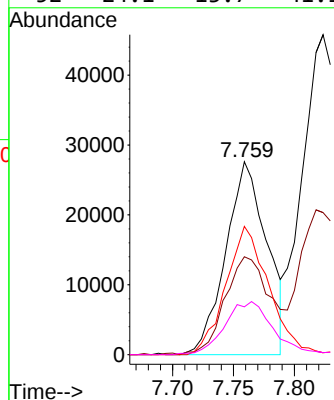
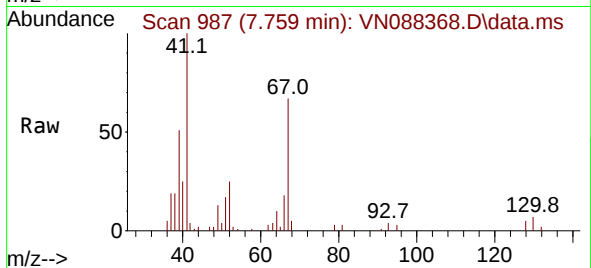




#35
Methacrylonitrile
Concen: 22.578 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

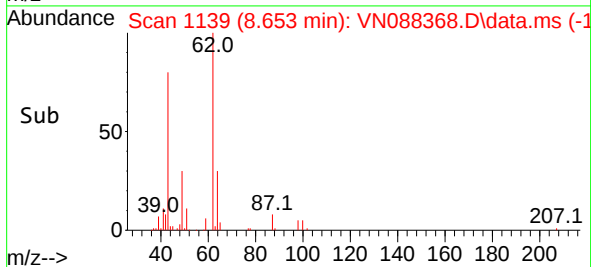
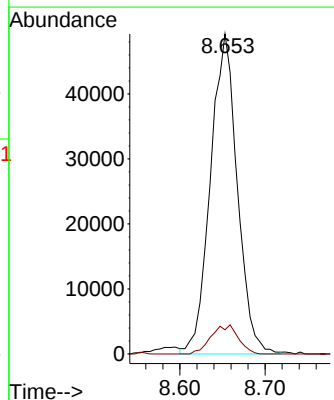
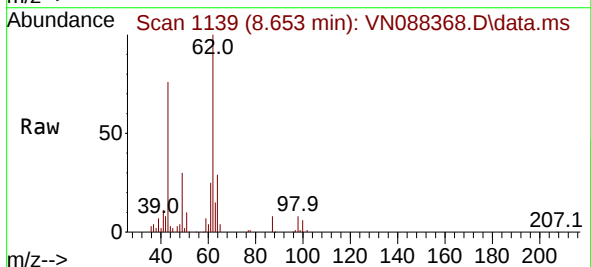
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

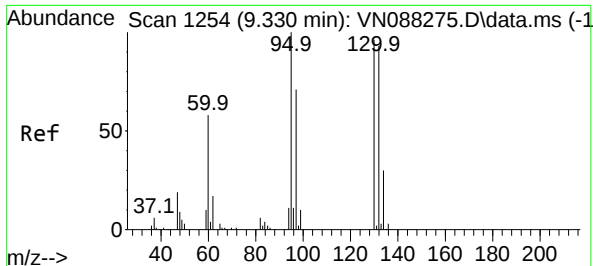
Tgt Ion:	41	Resp:	64840
Ion	Ratio	Lower	Upper
41	100		
39	50.7	29.0	87.0
67	66.5	33.3	99.9
52	24.1	13.7	41.1



#36
1,2-Dichloroethane
Concen: 21.818 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion:	62	Resp:	108028
Ion	Ratio	Lower	Upper
62	100		
98	9.2	6.8	10.2





#37

Trichloroethene

Concen: 21.650 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

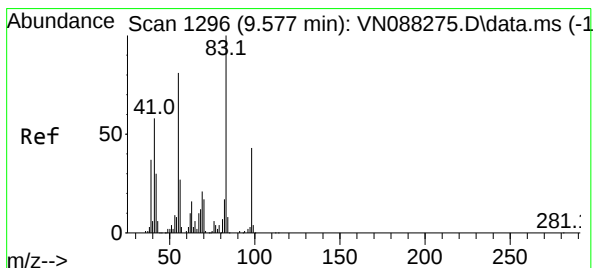
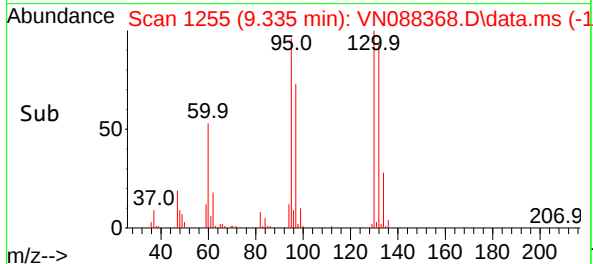
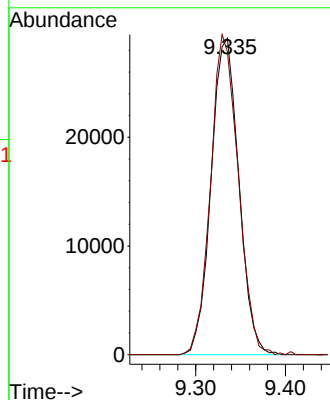
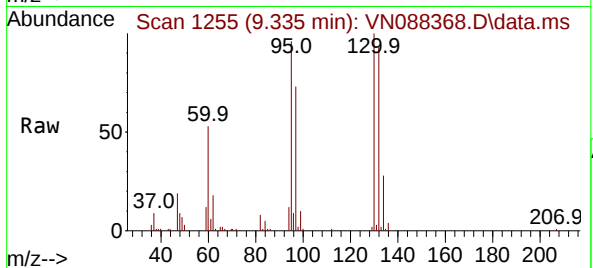
VSTDCCC020EC

Tgt Ion:130 Resp: 62418

Ion Ratio Lower Upper

130 100

95 95.8 83.7 125.5



#38

Methylcyclohexane

Concen: 16.814 ug/l

RT: 9.576 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

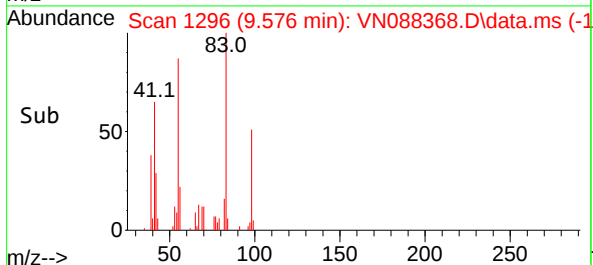
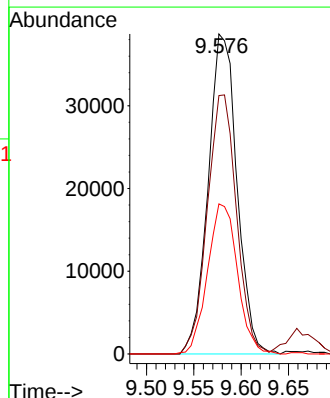
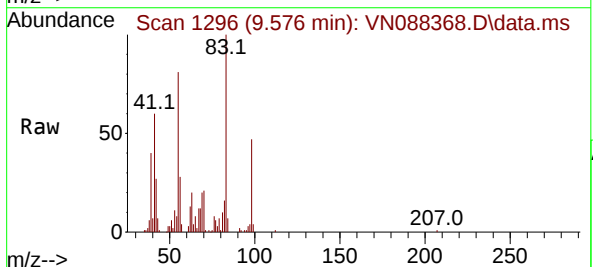
Tgt Ion: 83 Resp: 82048

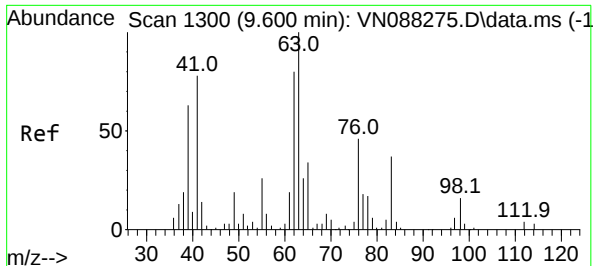
Ion Ratio Lower Upper

83 100

55 81.8 40.8 122.5

98 48.5 23.4 70.3





#39

1,2-Dichloropropane

Concen: 22.144 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

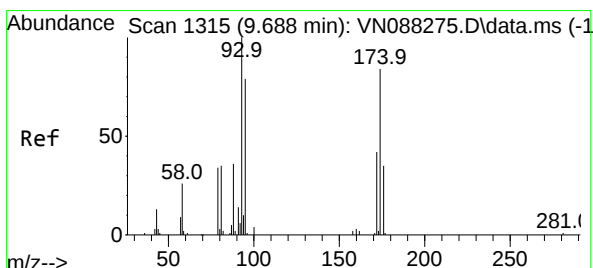
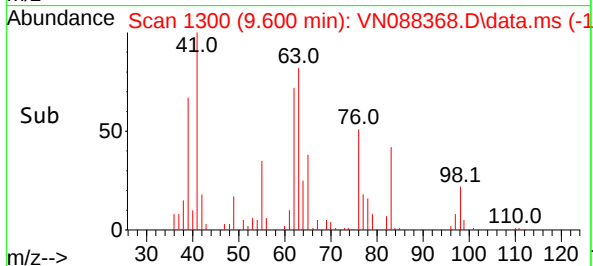
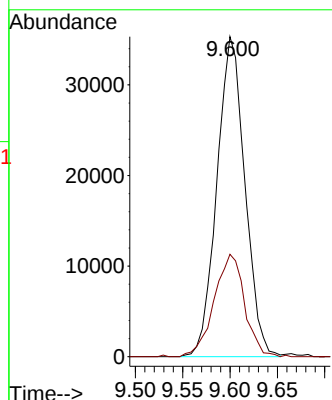
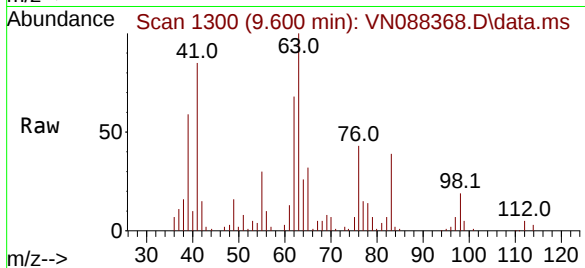
VSTDCCC020EC

Tgt Ion: 63 Resp: 72684

Ion Ratio Lower Upper

63 100

65 32.0 27.8 41.6



#40

Dibromomethane

Concen: 23.186 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

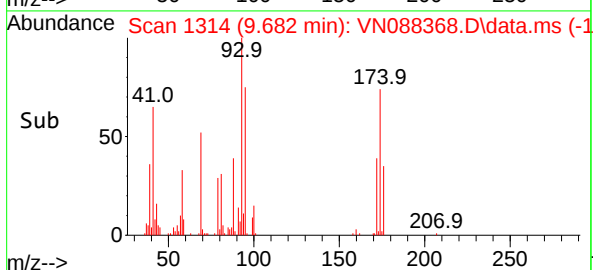
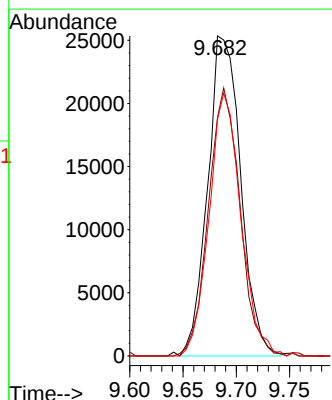
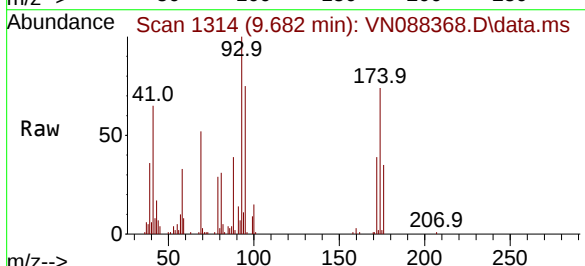
Tgt Ion: 93 Resp: 54679

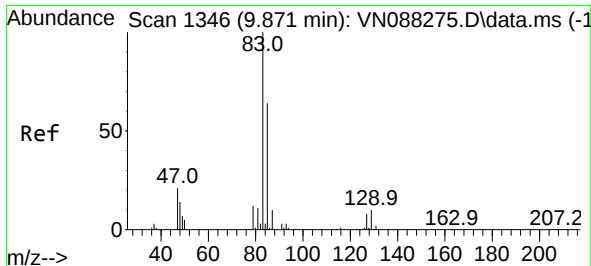
Ion Ratio Lower Upper

93 100

95 80.0 0.0 161.6

174 78.8 0.0 158.2

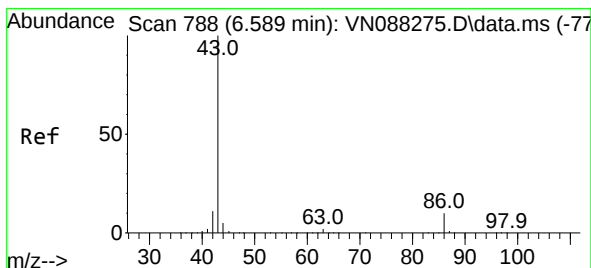
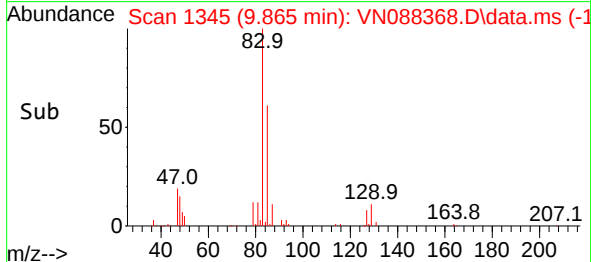
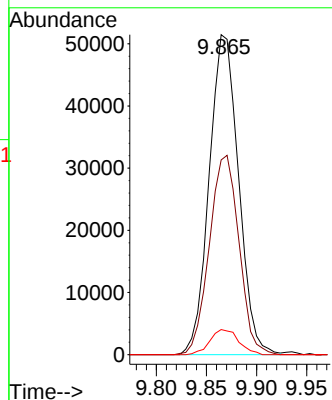
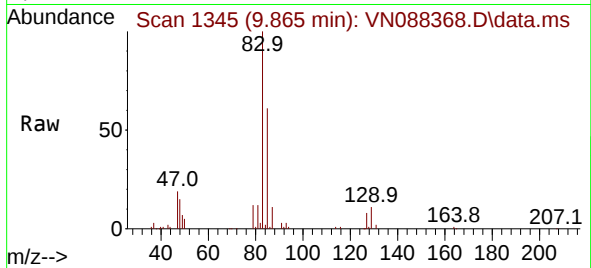




#41
Bromodichloromethane
Concen: 22.127 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

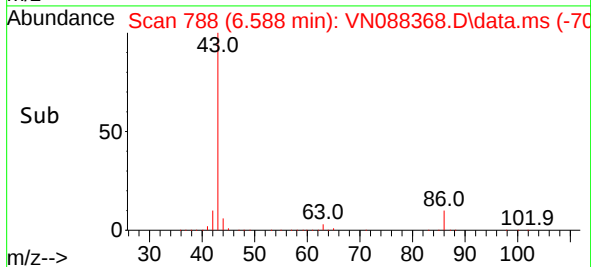
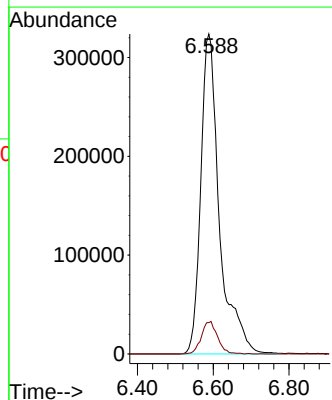
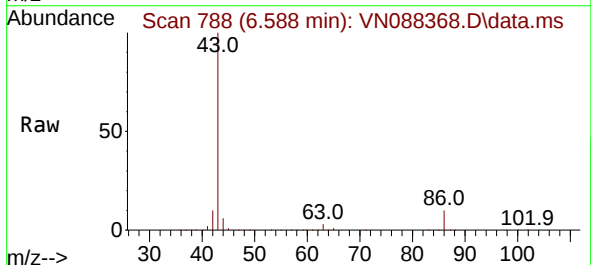
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

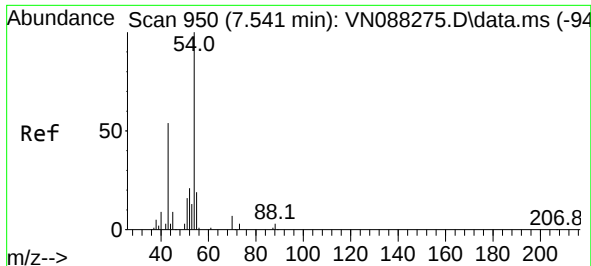
Tgt Ion: 83 Resp: 105048
Ion Ratio Lower Upper
83 100
85 60.9 51.4 77.2
127 7.8 6.4 9.6



#42
Vinyl Acetate
Concen: 120.597 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 43 Resp: 1108185
Ion Ratio Lower Upper
43 100
86 8.8 7.4 11.2

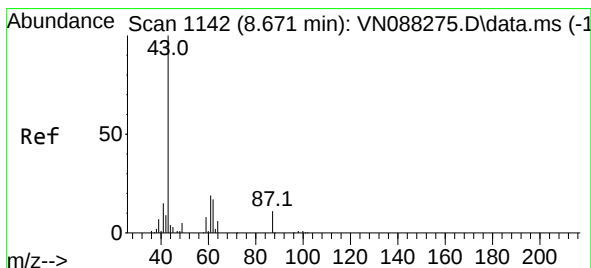
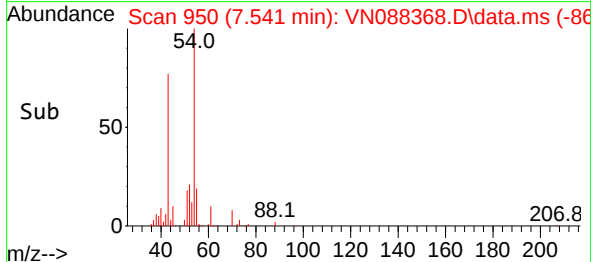
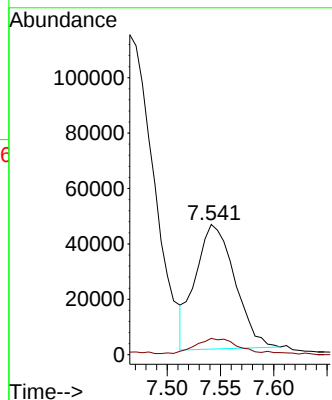
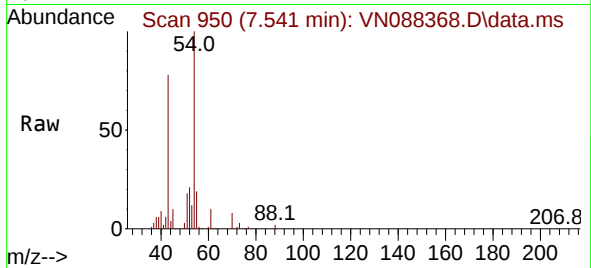




#43
Ethyl Acetate
Concen: 20.841 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

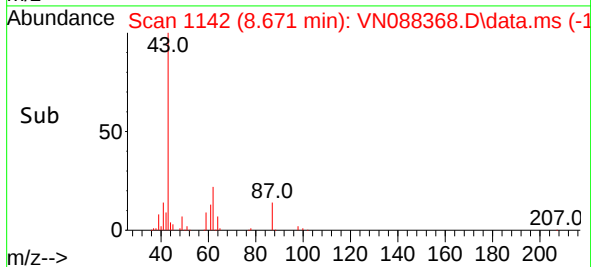
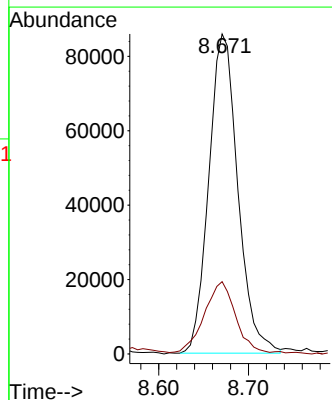
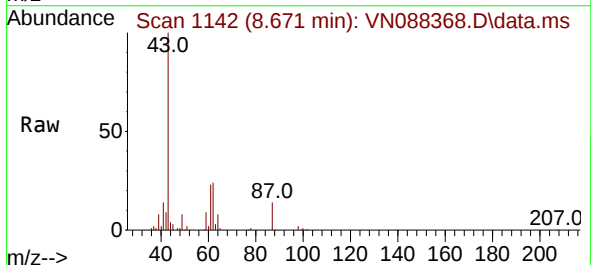
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

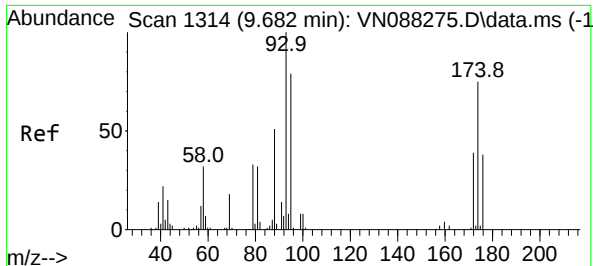
Tgt Ion: 43 Resp: 115453
Ion Ratio Lower Upper
43 100
45 14.0 9.9 14.9



#44
Isopropyl Acetate
Concen: 22.636 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 43 Resp: 193247
Ion Ratio Lower Upper
43 100
61 23.8 19.0 28.6

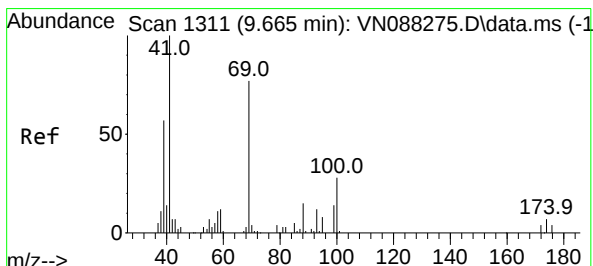
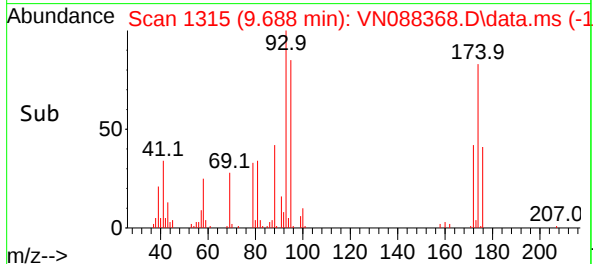
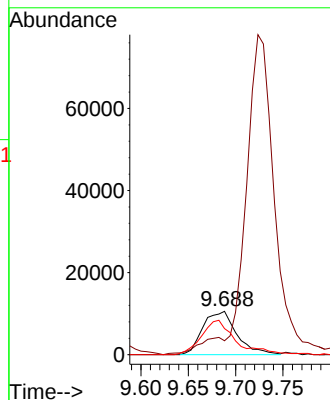
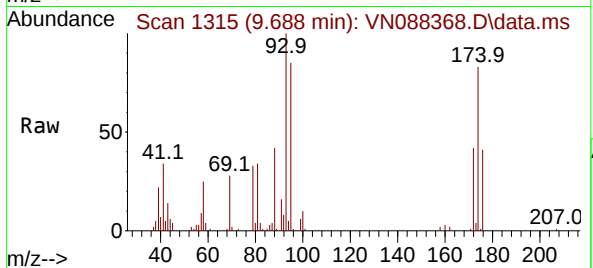




#45
1,4-Dioxane
Concen: 513.130 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

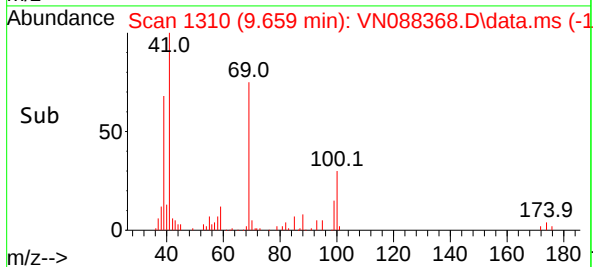
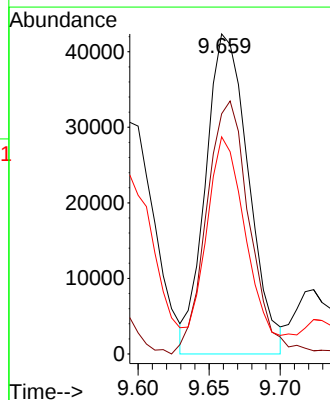
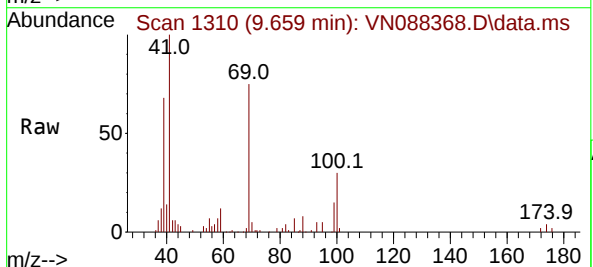
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

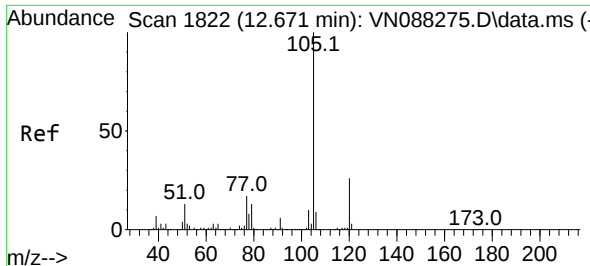
Tgt Ion: 88 Resp: 26380
Ion Ratio Lower Upper
88 100
43 31.6 27.8 41.8
58 69.9 59.5 89.3



#46
Methyl methacrylate
Concen: 22.348 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 41 Resp: 89278
Ion Ratio Lower Upper
41 100
69 78.8 38.5 115.3
39 67.8 29.0 87.1

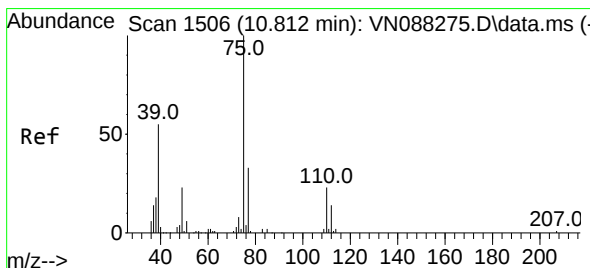
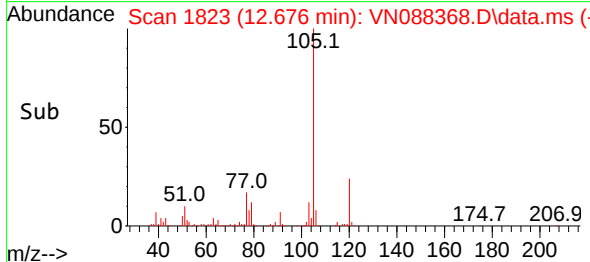
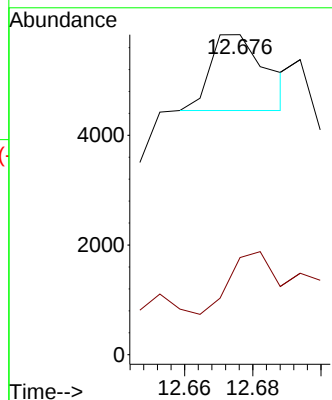
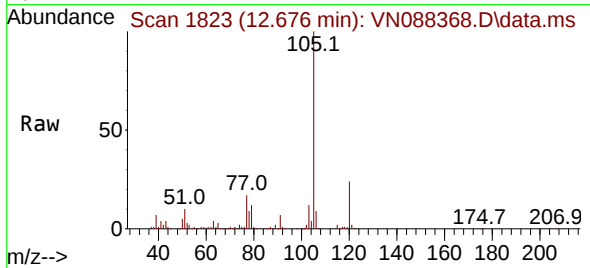




#47
n-amy1 Acetate
Concen: 0.366 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

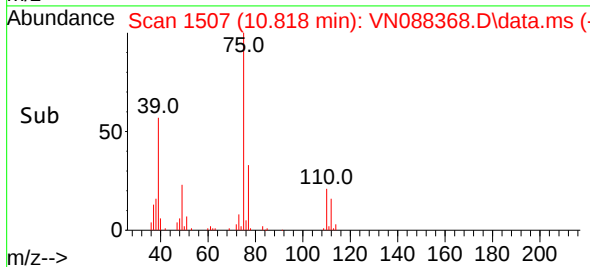
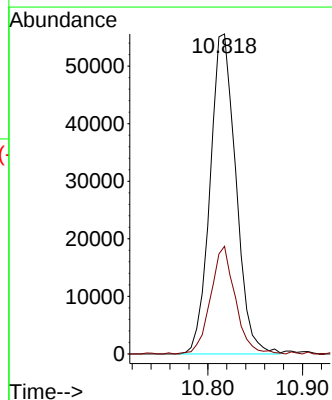
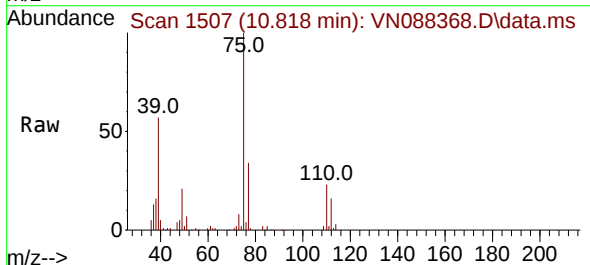
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

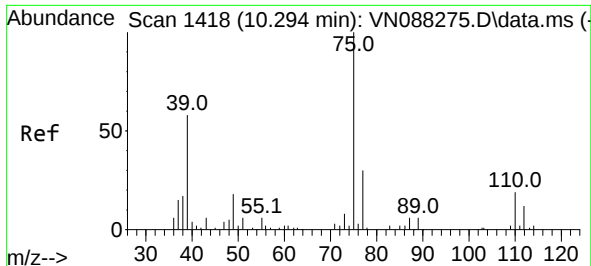
Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
55 118.2 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 20.772 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 75 Resp: 105475
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1

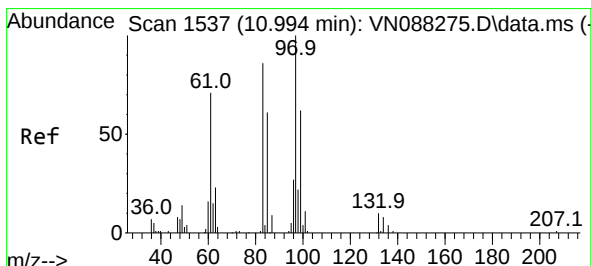
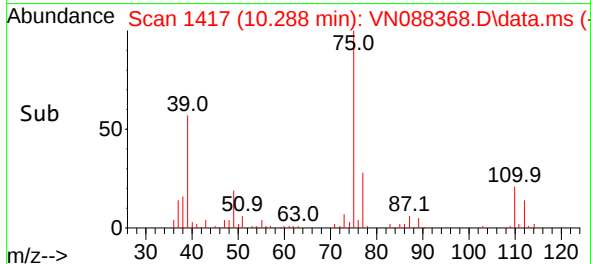
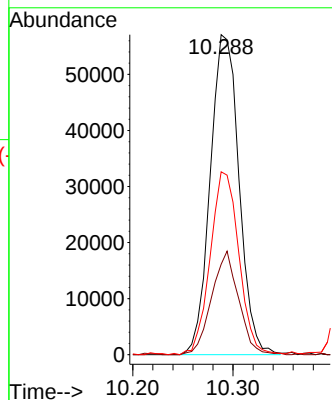
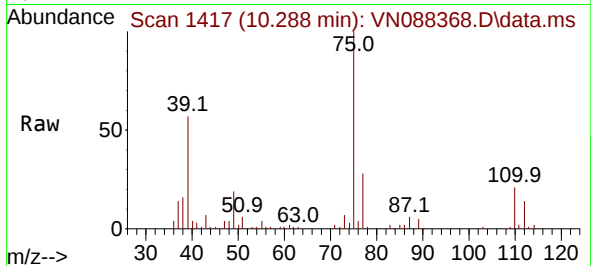




#49
 cis-1,3-Dichloropropene
 Concen: 21.576 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

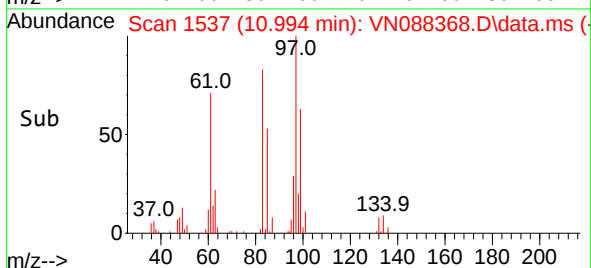
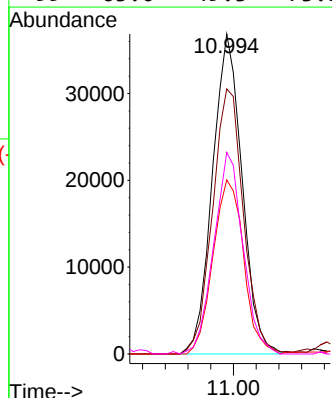
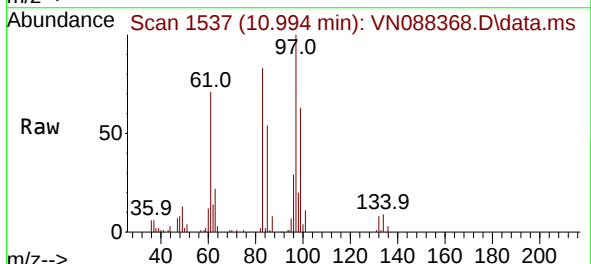
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

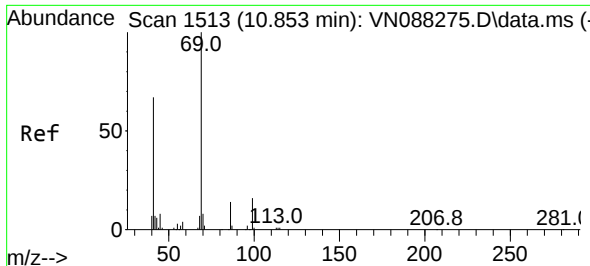
Tgt Ion: 75 Resp: 113992
 Ion Ratio Lower Upper
 75 100
 77 28.3 24.4 36.6
 39 57.1 46.1 69.1



#50
 1,1,2-Trichloroethane
 Concen: 22.816 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

Tgt Ion: 97 Resp: 66533
 Ion Ratio Lower Upper
 97 100
 83 82.9 68.6 102.8
 85 54.4 49.0 73.6
 99 63.0 49.3 73.9

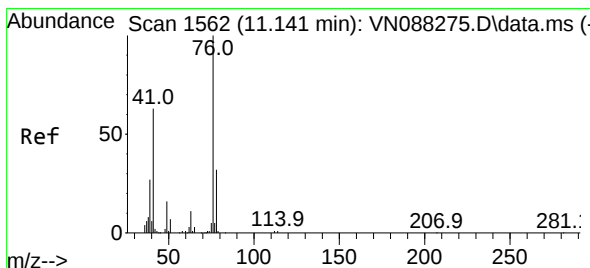
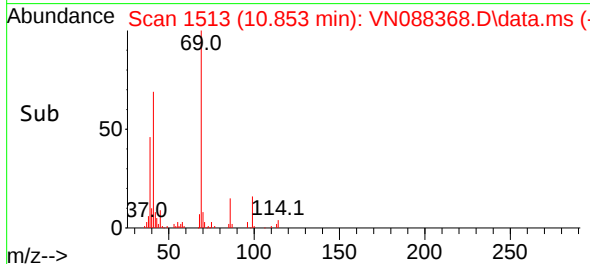
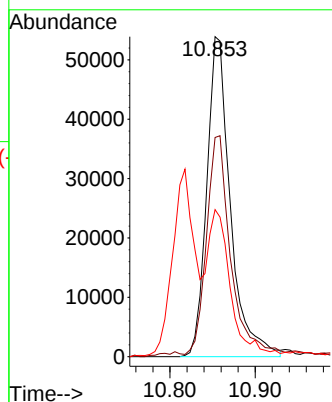
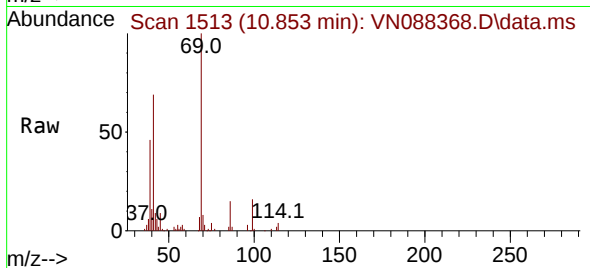




#51
Ethyl methacrylate
Concen: 21.641 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

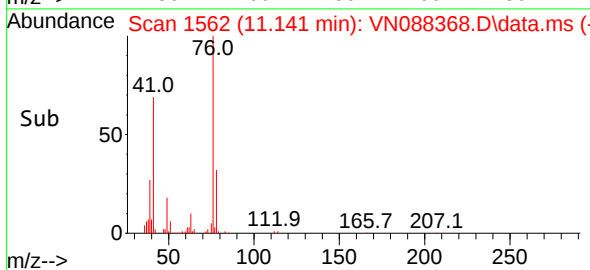
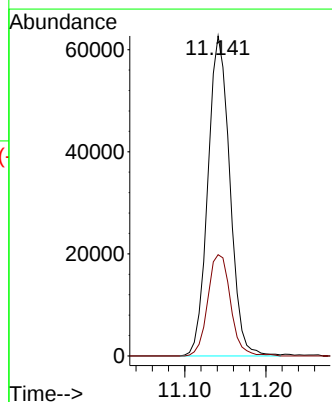
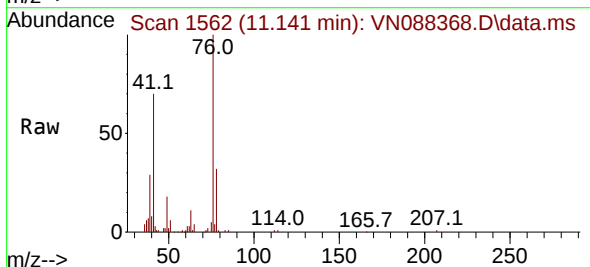
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

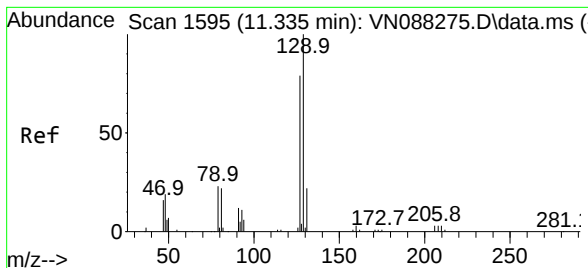
Tgt Ion: 69 Resp: 103827
Ion Ratio Lower Upper
69 100
41 67.6 33.6 100.8
39 45.0 23.4 70.2



#52
1,3-Dichloropropane
Concen: 22.201 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 76 Resp: 117901
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.2

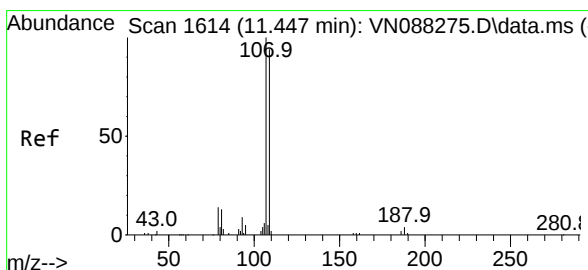
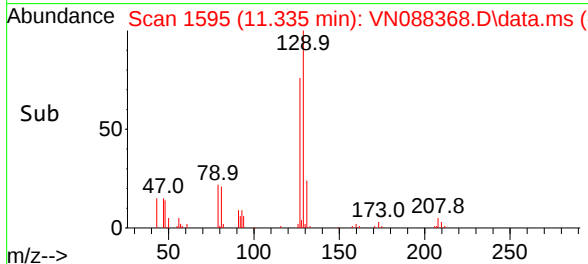
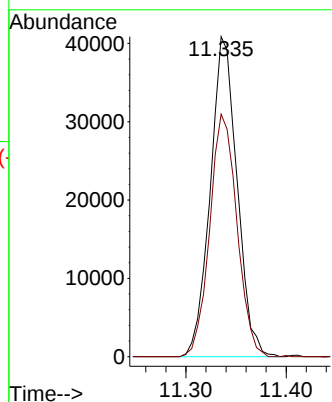
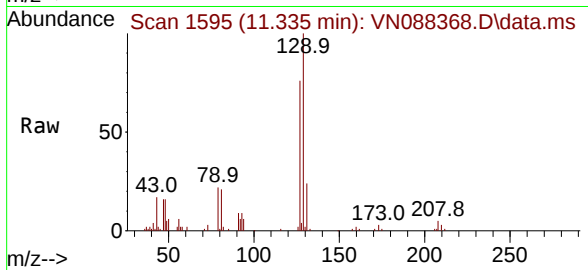




#53
Dibromochloromethane
Concen: 22.668 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

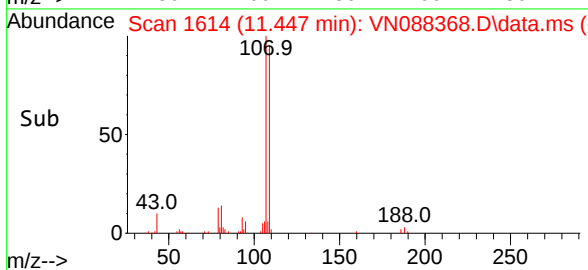
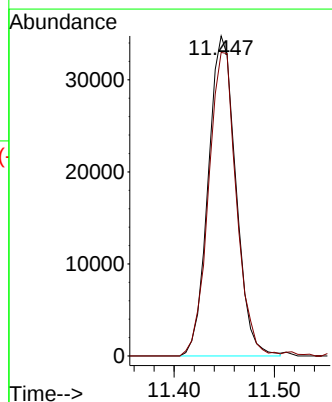
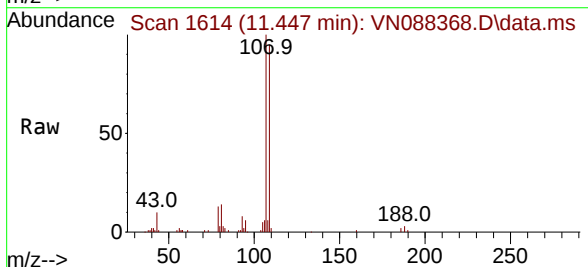
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

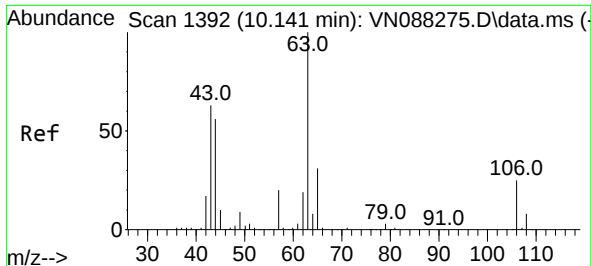
Tgt Ion:129 Resp: 75927
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6



#54
1,2-Dibromoethane
Concen: 21.966 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion:107 Resp: 66553
Ion Ratio Lower Upper
107 100
109 95.7 76.6 115.0

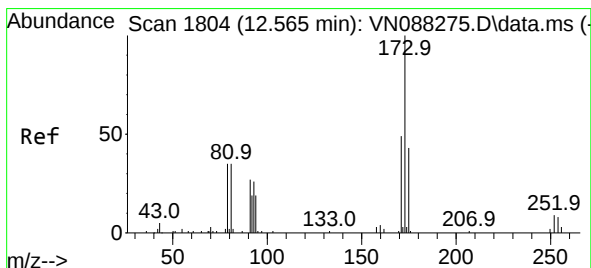
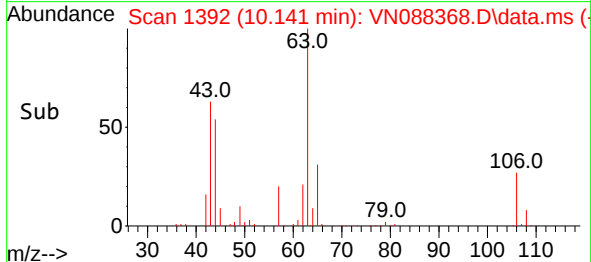
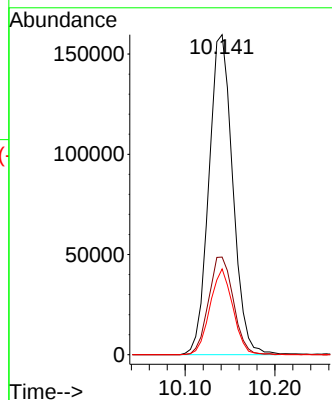
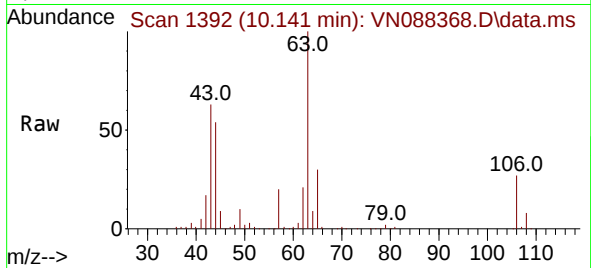




#55
2-Chloroethyl vinyl ether
Concen: 106.748 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

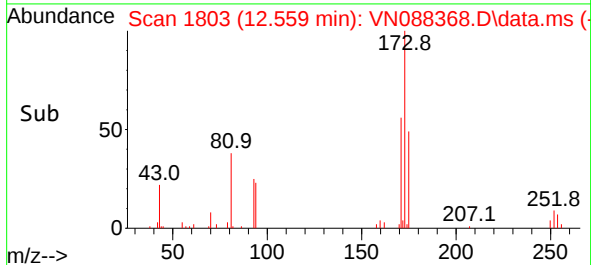
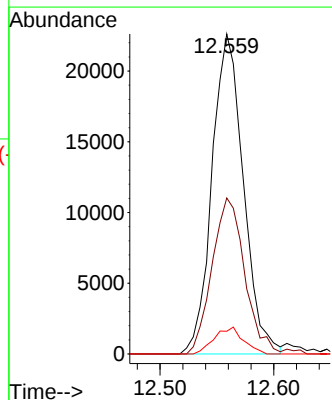
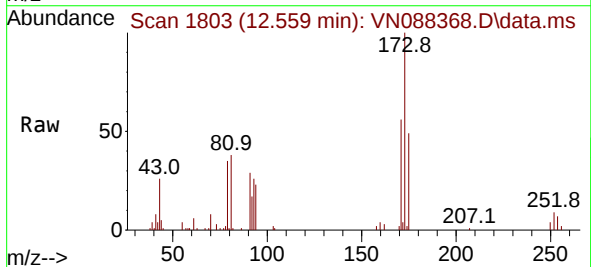
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

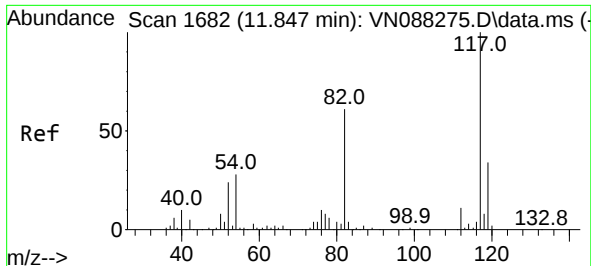
Tgt Ion: 63 Resp: 295018
Ion Ratio Lower Upper
63 100
65 31.6 24.9 37.3
106 25.7 20.3 30.5



#56
Bromoform
Concen: 20.456 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 173 Resp: 43369
Ion Ratio Lower Upper
173 100
175 50.6 37.7 56.5
254 7.8 5.9 8.9

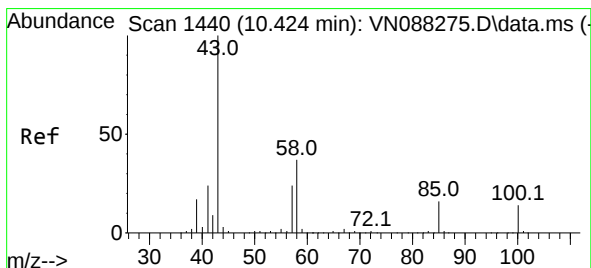
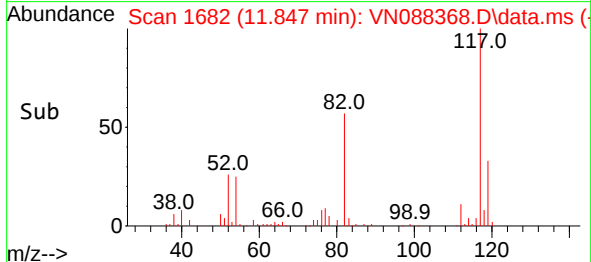
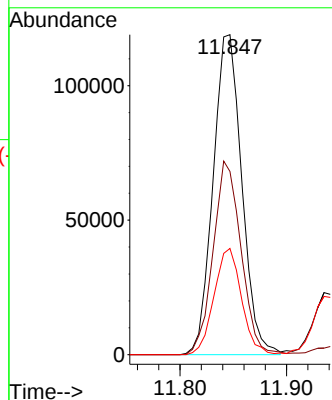
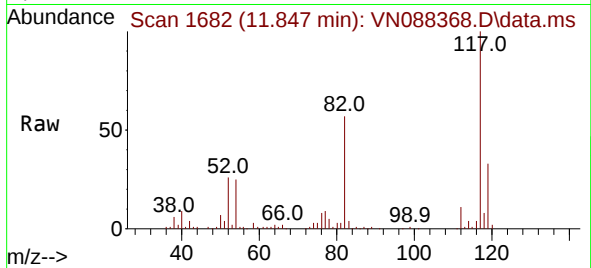




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

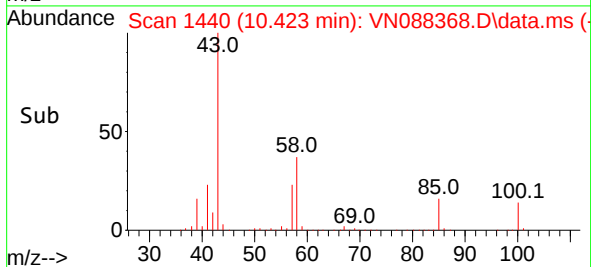
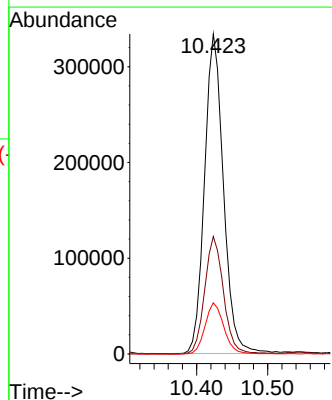
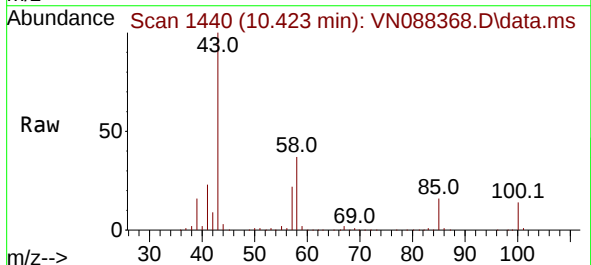
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

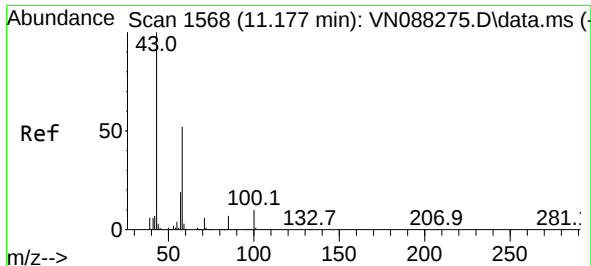
Tgt Ion:117 Resp: 222840
Ion Ratio Lower Upper
117 100
82 58.8 49.3 73.9
119 31.8 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 122.851 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 43 Resp: 619181
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8
85 15.8 12.6 19.0

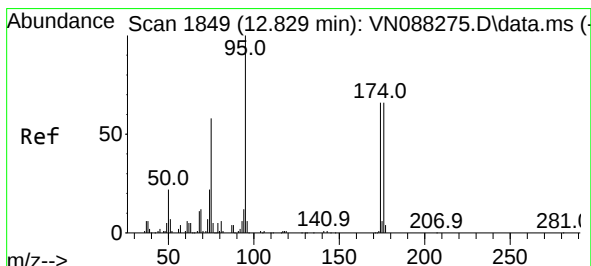
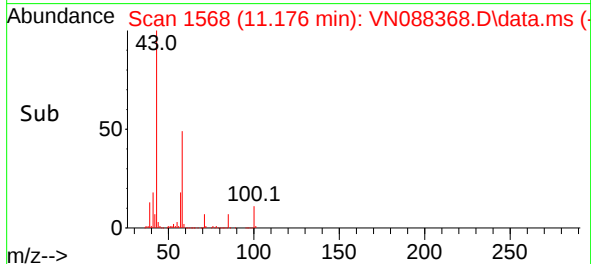
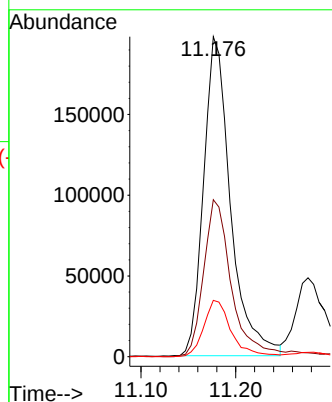
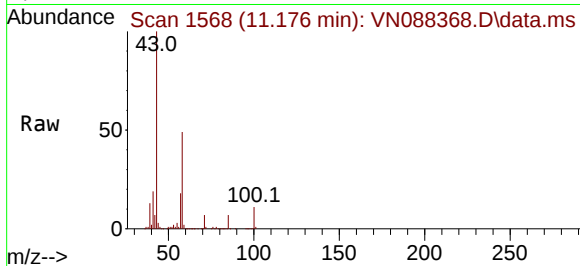




#59
2-Hexanone
Concen: 117.048 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

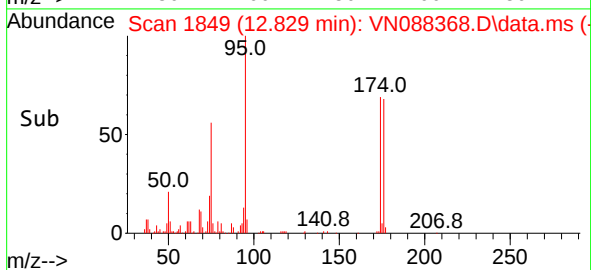
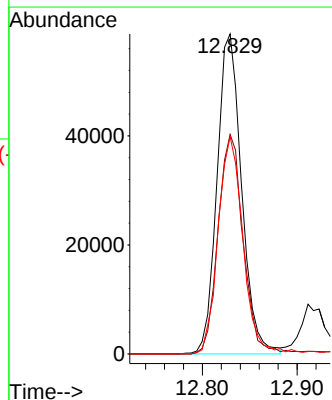
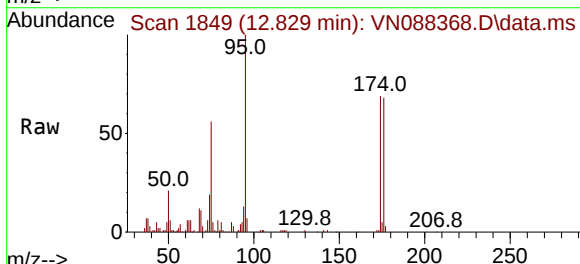
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

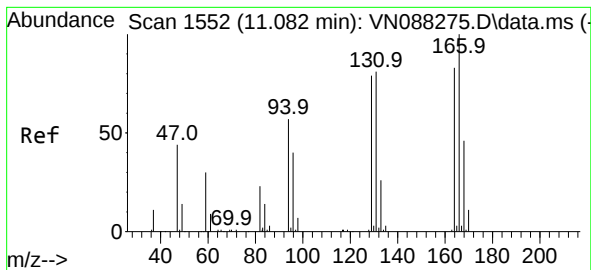
Tgt Ion: 43 Resp: 391732
Ion Ratio Lower Upper
43 100
58 50.5 41.0 61.4
57 18.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.118 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 95 Resp: 105919
Ion Ratio Lower Upper
95 100
174 69.4 54.5 81.7
176 68.3 53.8 80.6





#61

Tetrachloroethene

Concen: 25.477 ug/l

RT: 11.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:164 Resp: 58533

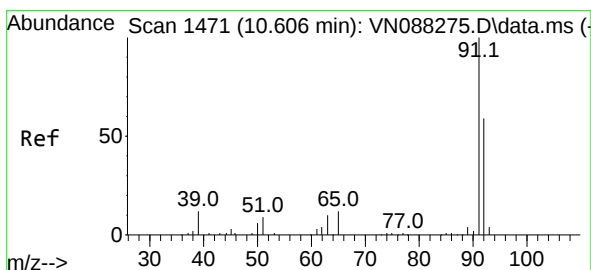
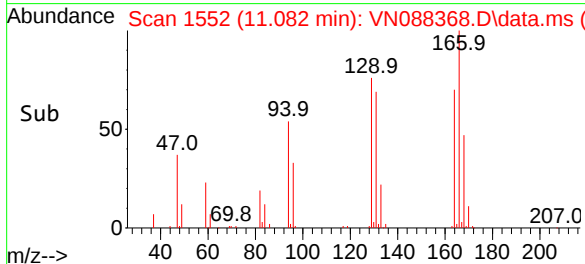
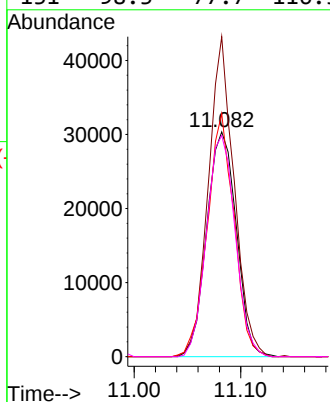
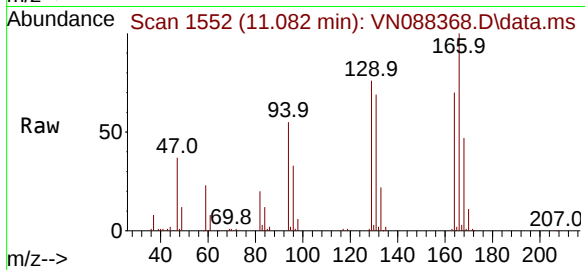
Ion Ratio Lower Upper

164 100

166 142.4 96.3 144.5

129 108.2 76.2 114.2

131 98.3 77.7 116.5



#62

Toluene

Concen: 21.253 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VN088368.D

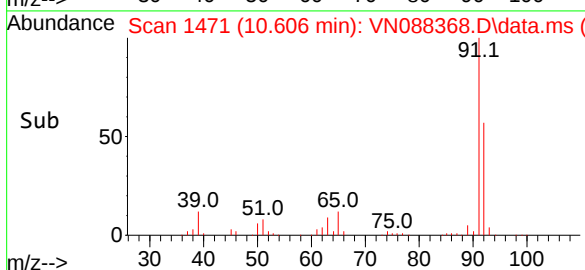
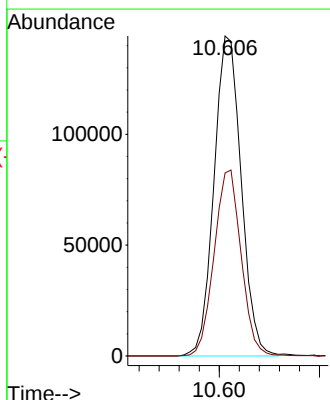
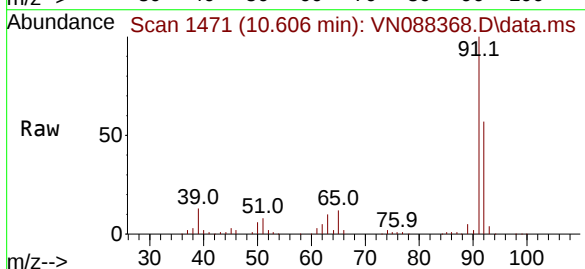
Acq: 26 Nov 2025 13:12

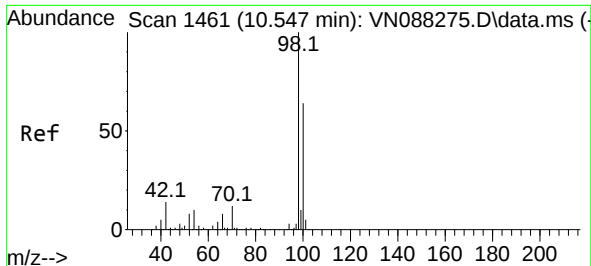
Tgt Ion: 91 Resp: 271787

Ion Ratio Lower Upper

91 100

92 57.7 46.7 70.1

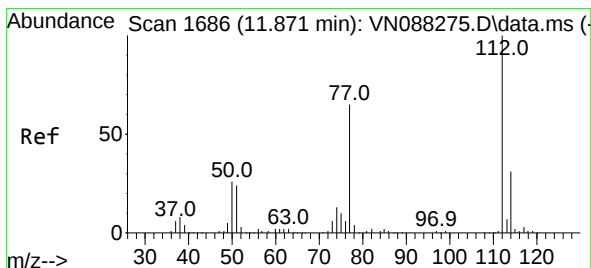
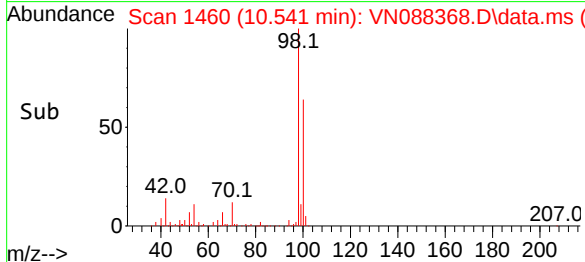
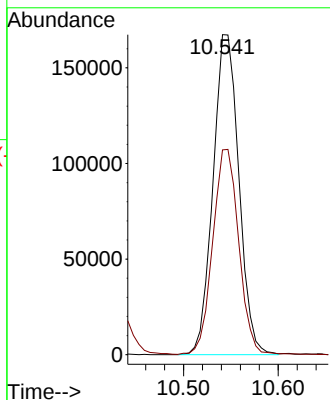
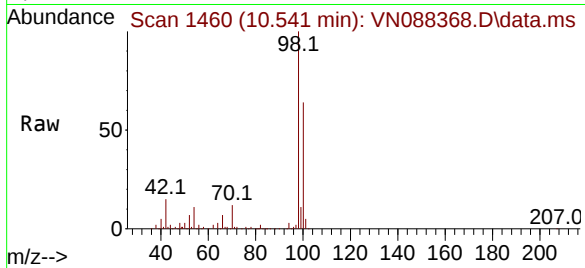




#63
Toluene-d8
Concen: 30.107 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

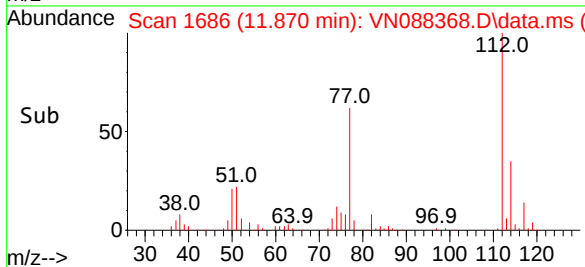
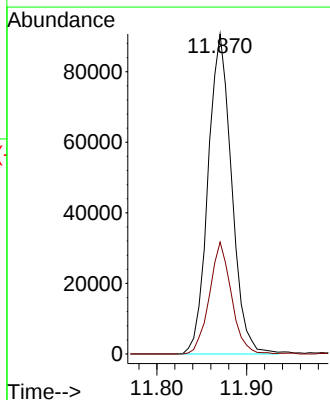
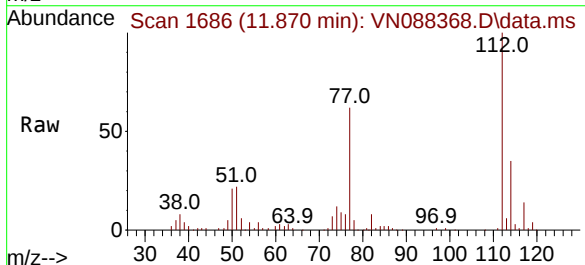
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

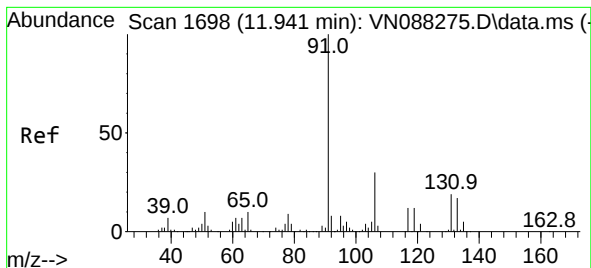
Tgt Ion: 98 Resp: 317633
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#64
Chlorobenzene
Concen: 20.894 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 112 Resp: 165481
Ion Ratio Lower Upper
112 100
114 35.0 25.0 37.4

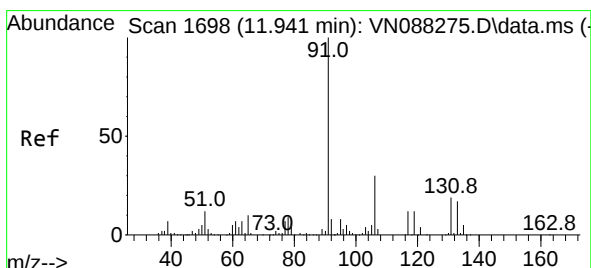
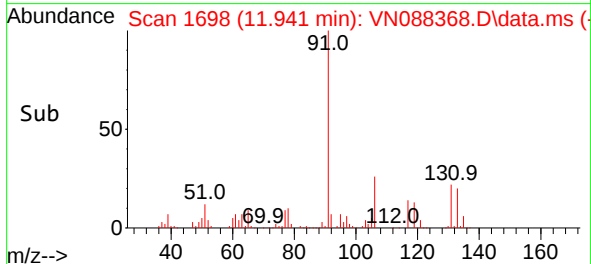
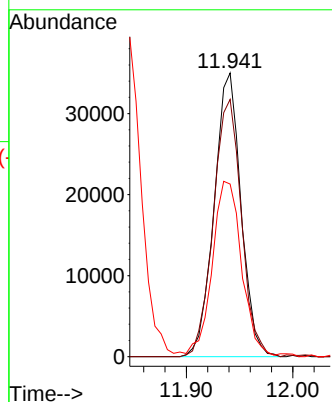
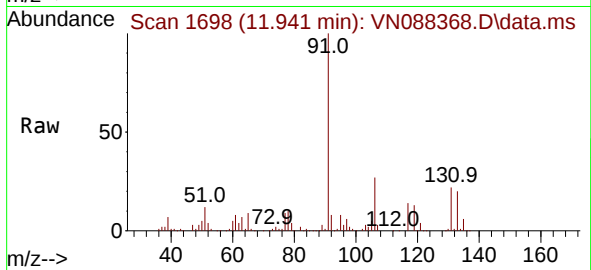




#65
 1,1,1,2-Tetrachloroethane
 Concen: 22.622 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

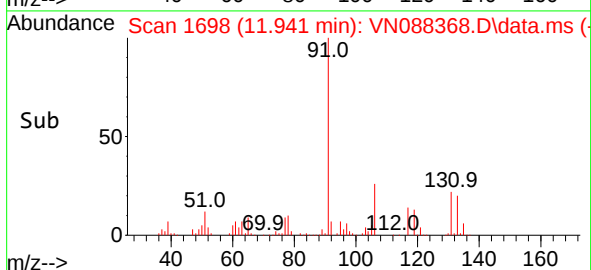
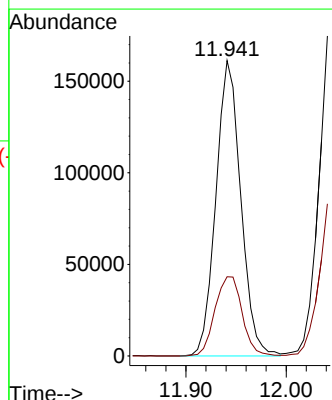
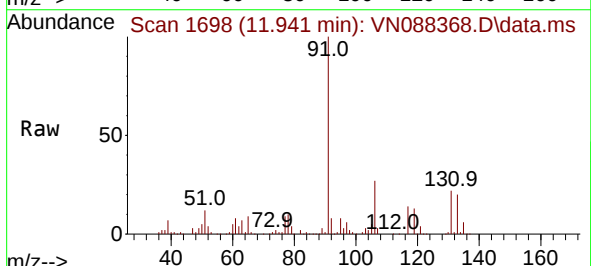
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

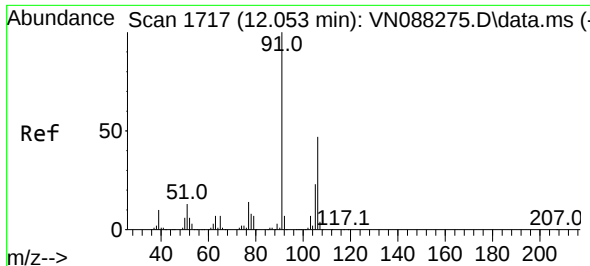
Tgt Ion:131 Resp: 61324
 Ion Ratio Lower Upper
 131 100
 133 94.6 0.0 181.4
 119 67.4 0.0 135.0



#66
 Ethyl Benzene
 Concen: 19.681 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

Tgt Ion: 91 Resp: 277384
 Ion Ratio Lower Upper
 91 100
 106 26.8 24.4 36.6





#67

m/p-Xylenes

Concen: 39.625 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

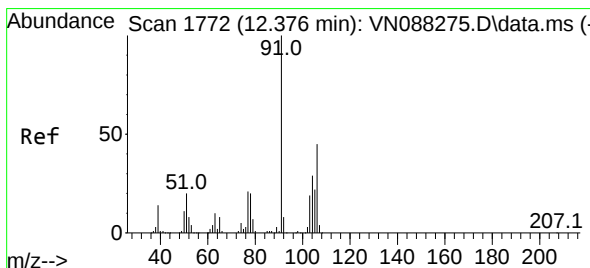
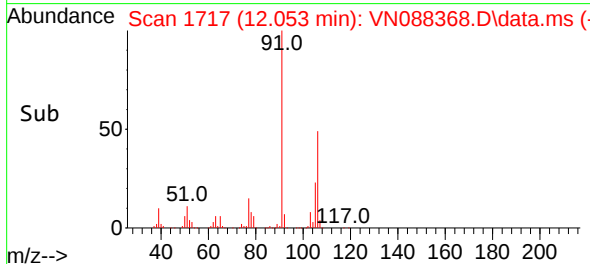
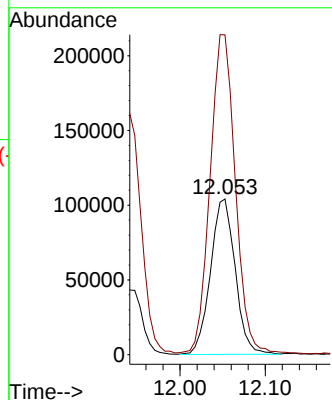
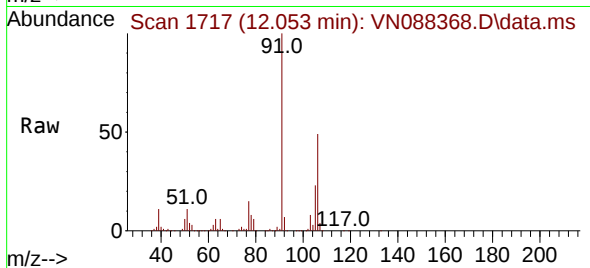
VSTDCCC020EC

Tgt Ion:106 Resp: 208849

Ion Ratio Lower Upper

106 100

91 213.0 168.3 252.5



#68

o-Xylene

Concen: 20.080 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN088368.D

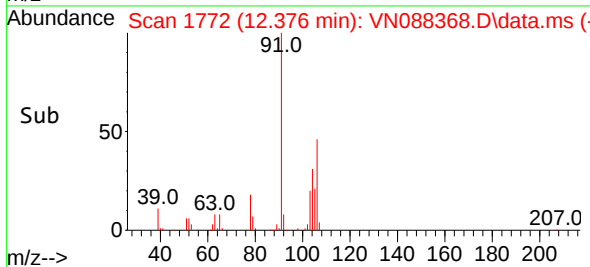
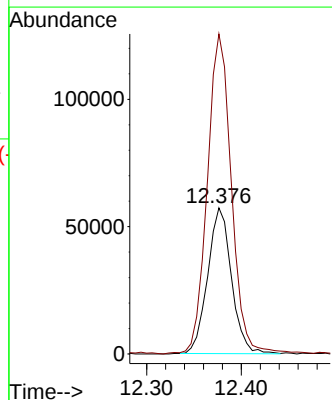
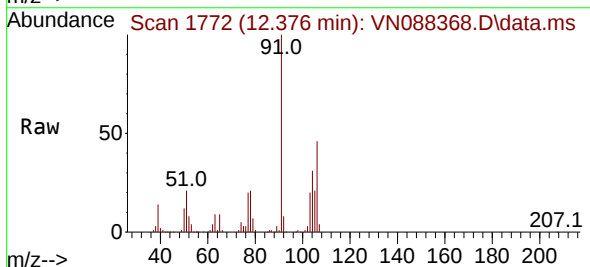
Acq: 26 Nov 2025 13:12

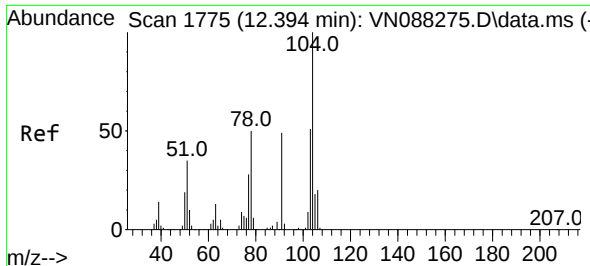
Tgt Ion:106 Resp: 99840

Ion Ratio Lower Upper

106 100

91 222.3 114.0 342.0

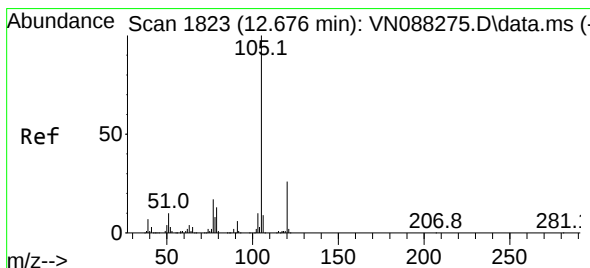
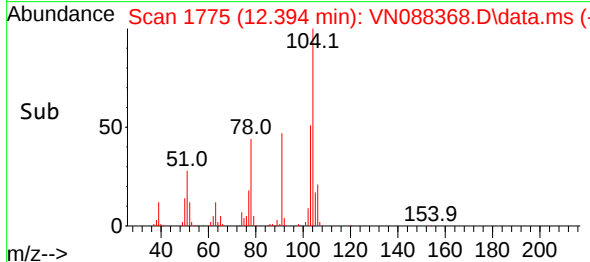
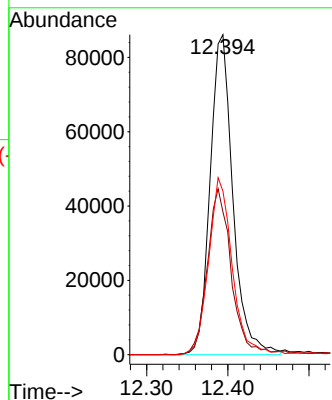
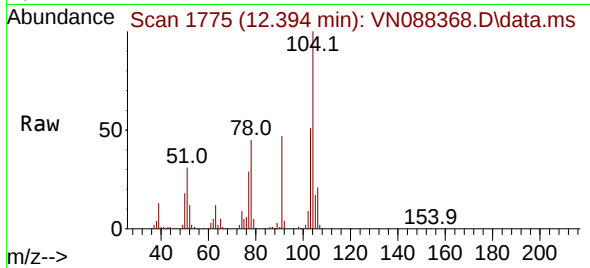




#69
Styrene
Concen: 19.899 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

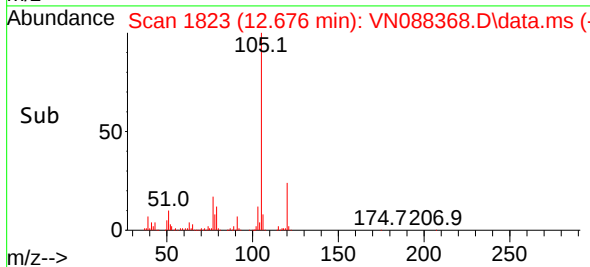
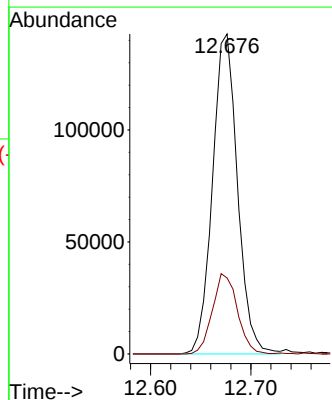
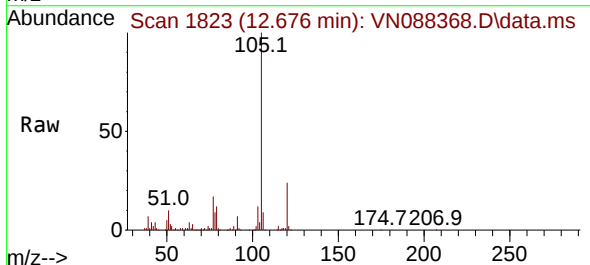
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

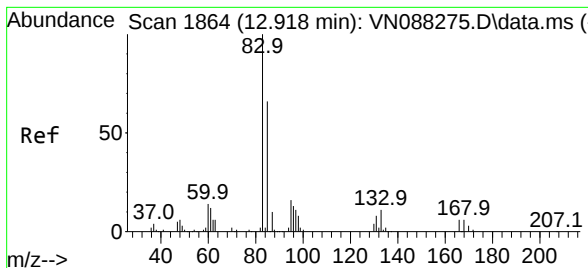
Tgt Ion:104 Resp: 168040
Ion Ratio Lower Upper
104 100
78 54.1 43.8 65.8
103 57.0 44.8 67.2



#70
Isopropylbenzene
Concen: 18.829 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion:105 Resp: 248100
Ion Ratio Lower Upper
105 100
120 25.0 18.2 33.8

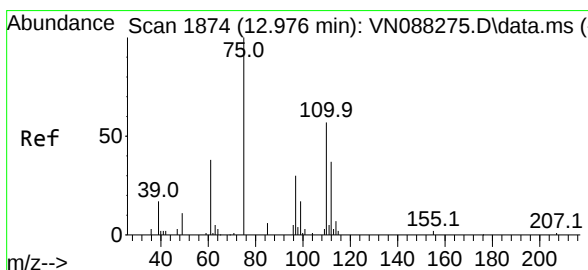
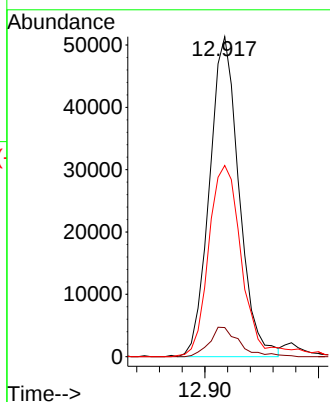
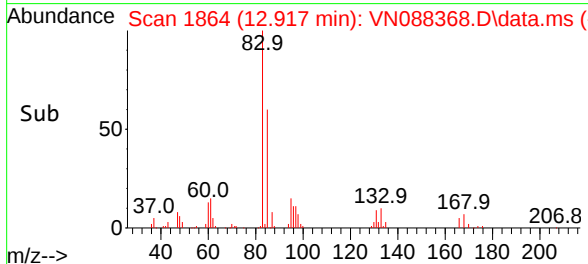
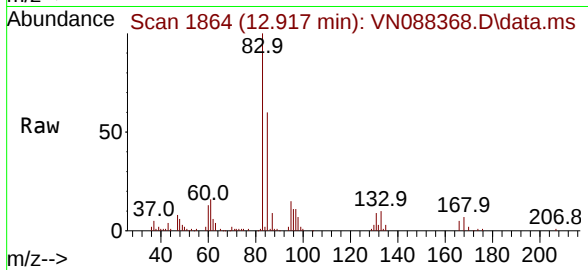




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.705 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

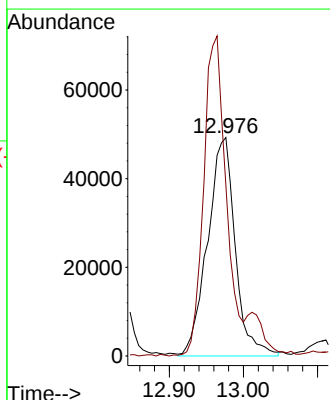
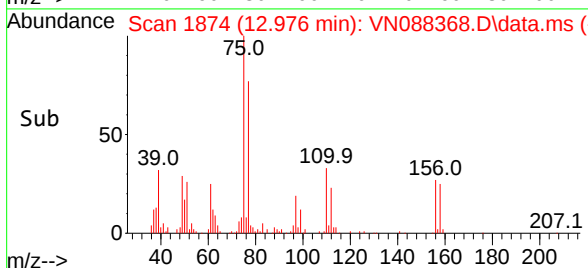
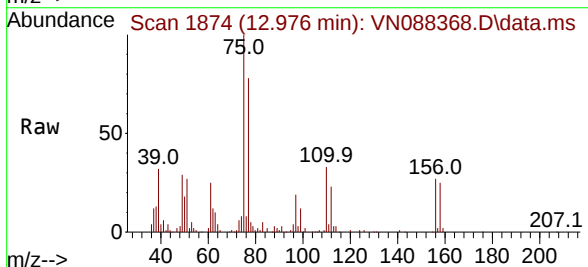
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

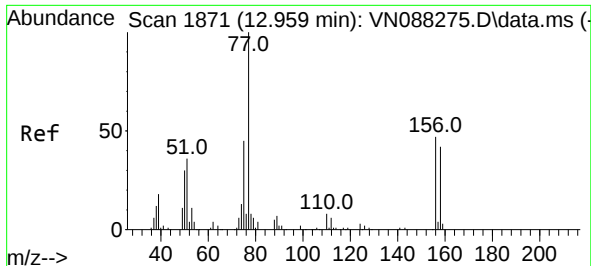
Tgt Ion: 83 Resp: 92641
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.3 12.9
 85 64.5 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 30.907 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. -0.000 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

Tgt Ion: 75 Resp: 127801
 Ion Ratio Lower Upper
 75 100
 77 118.8 0.0 386.6

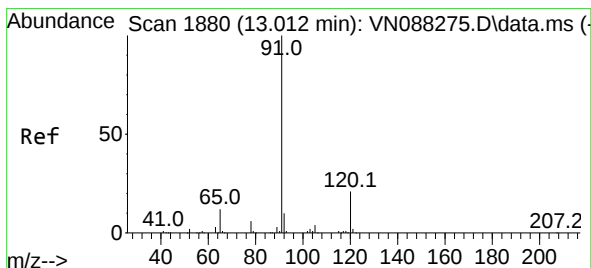
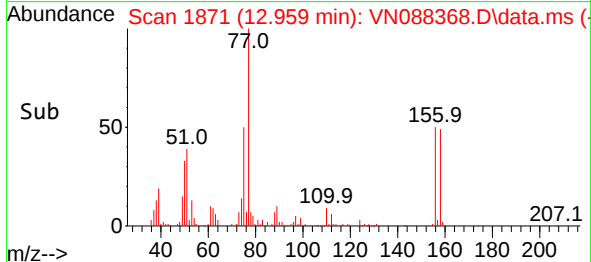
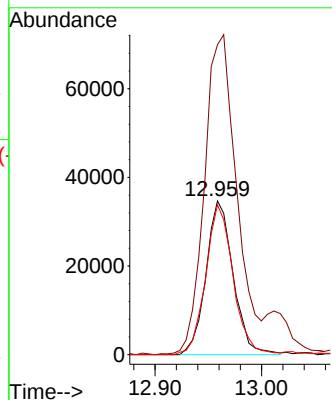
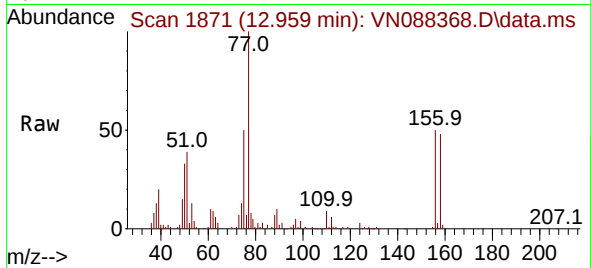




#73
Bromobenzene
Concen: 20.672 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

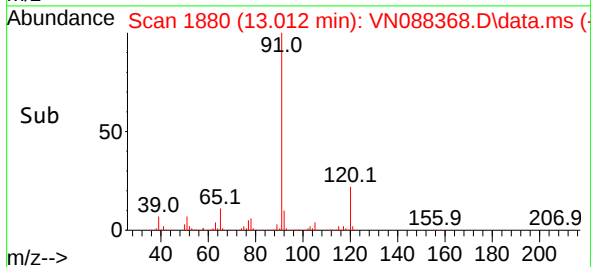
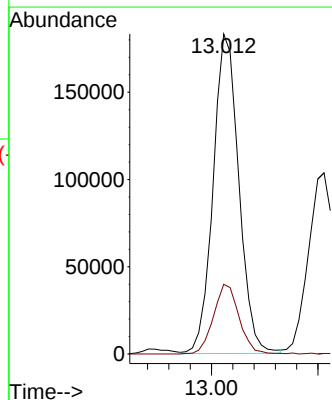
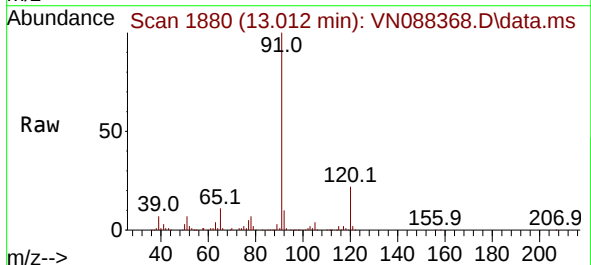
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

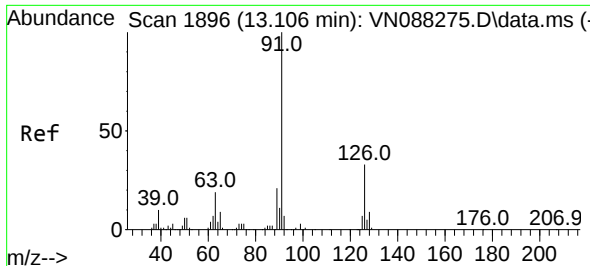
Tgt Ion:156 Resp: 61495
Ion Ratio Lower Upper
156 100
77 246.9 0.0 493.4
158 97.9 0.0 193.4



#74
n-propylbenzene
Concen: 18.798 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 91 Resp: 306527
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.2

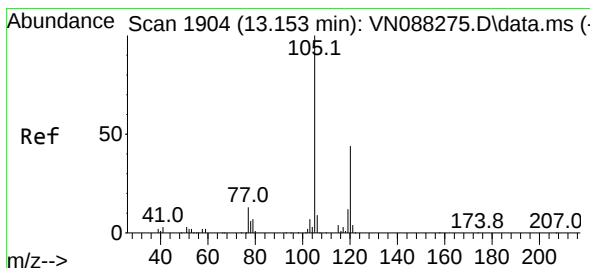
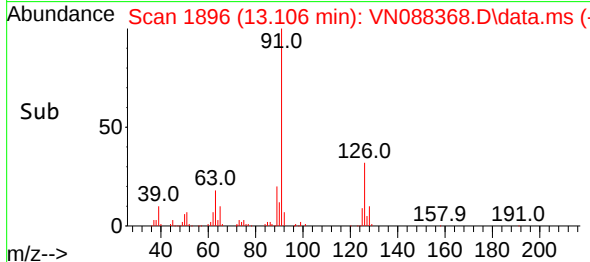
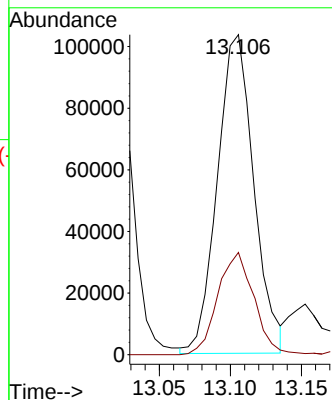
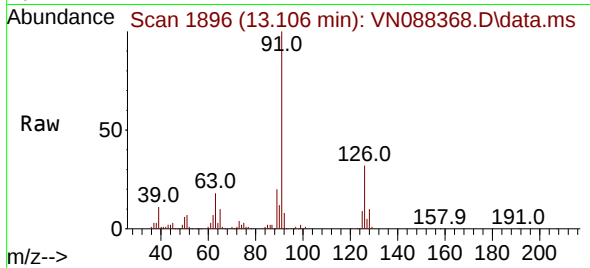




#75
2-Chlorotoluene
Concen: 18.664 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

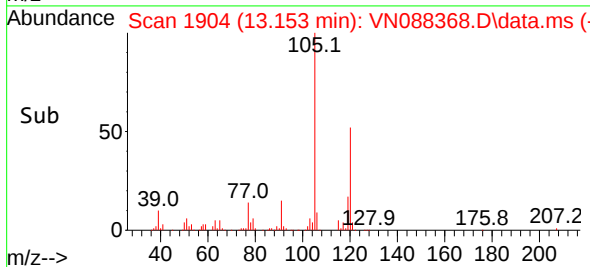
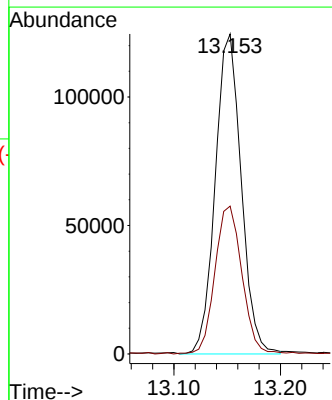
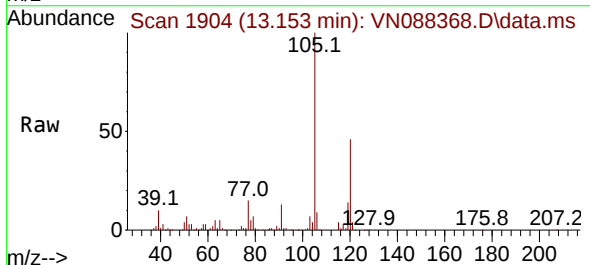
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

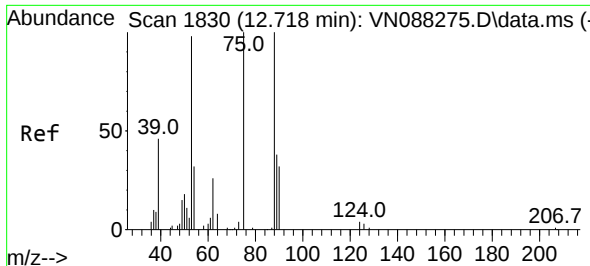
Tgt Ion: 91 Resp: 185065
Ion Ratio Lower Upper
91 100
126 31.9 0.0 62.0



#76
1,3,5-Trimethylbenzene
Concen: 19.029 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 105 Resp: 210475
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.6

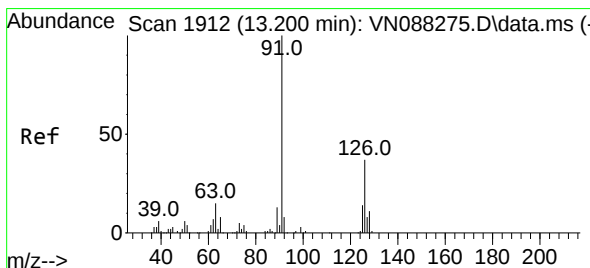
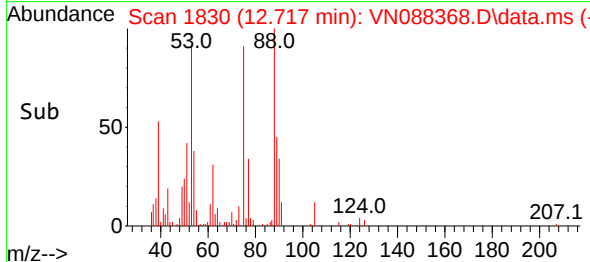
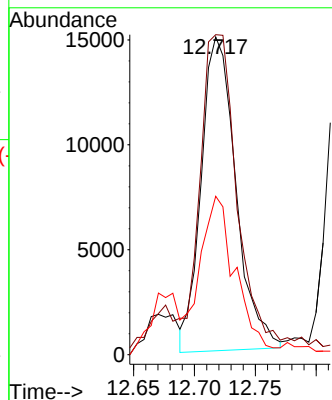
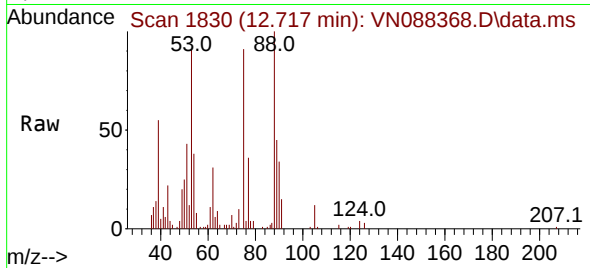




#77
t-1,4-Dichloro-2-butene
Concen: 20.892 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

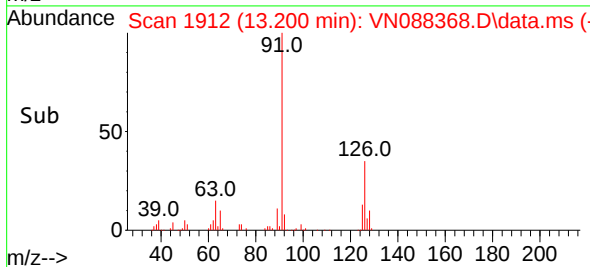
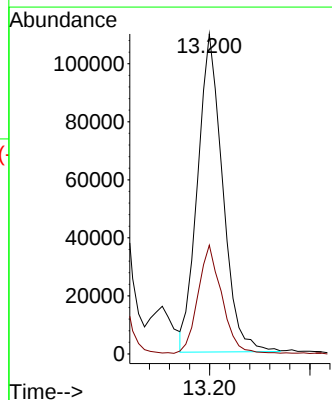
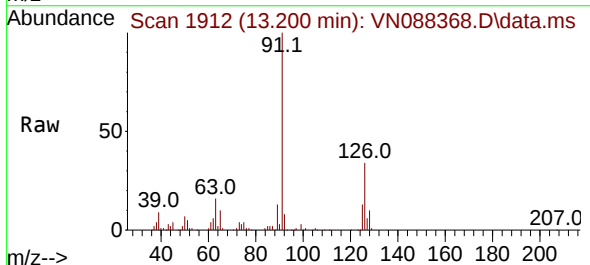
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

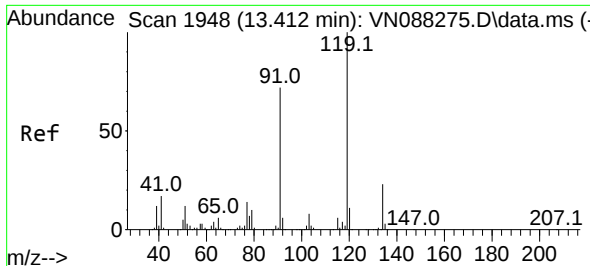
Tgt Ion: 75 Resp: 29666
Ion Ratio Lower Upper
75 100
53 100.1 50.0 150.0
89 49.7 22.3 66.9



#78
4-Chlorotoluene
Concen: 18.948 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 91 Resp: 190387
Ion Ratio Lower Upper
91 100
126 33.1 0.0 60.8

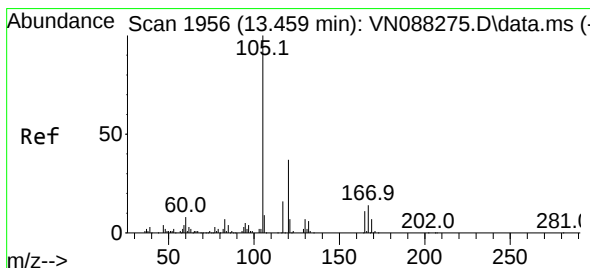
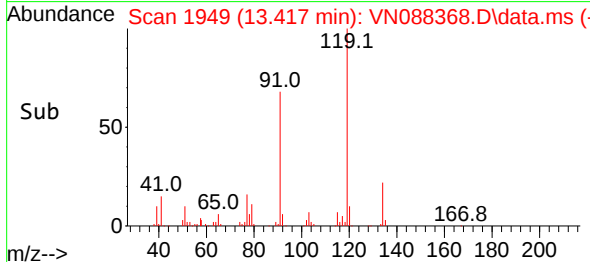
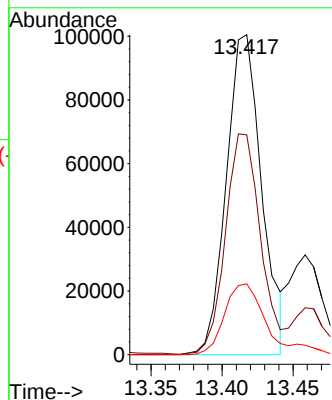
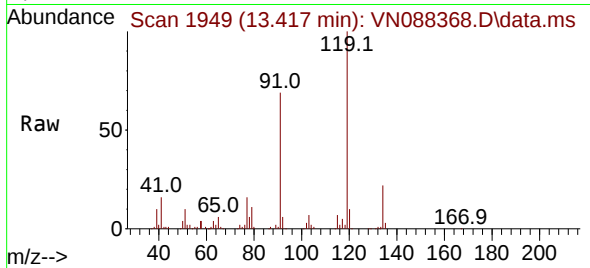




#79
tert-butylbenzene
Concen: 18.414 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

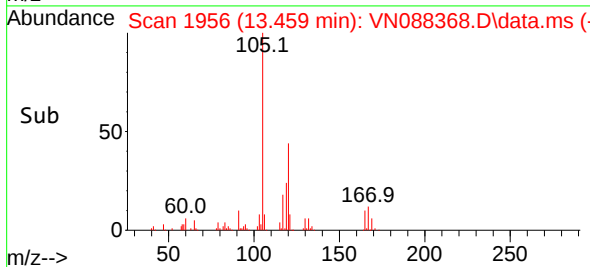
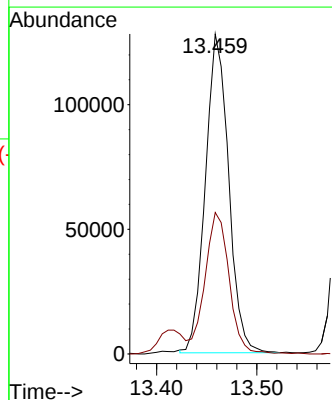
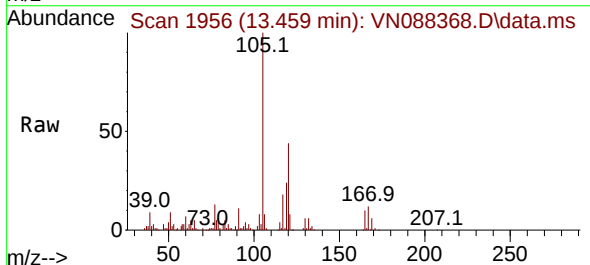
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

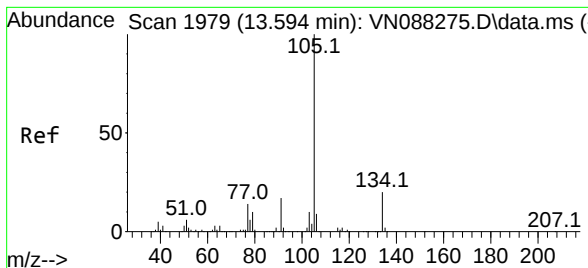
Tgt Ion:119 Resp: 174375
Ion Ratio Lower Upper
119 100
91 67.9 0.0 140.8
134 24.3 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 18.750 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion:105 Resp: 206222
Ion Ratio Lower Upper
105 100
120 45.8 0.0 89.2

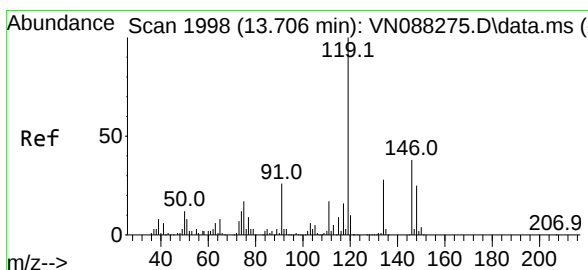
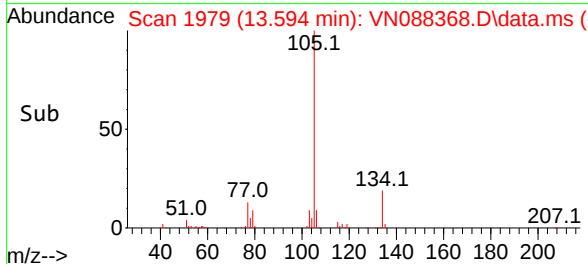
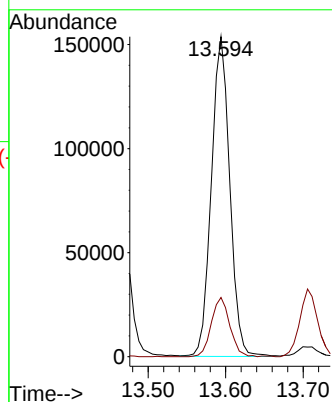
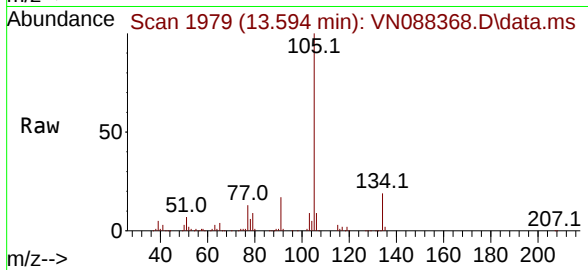




#81
 sec-Butylbenzene
 Concen: 18.372 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

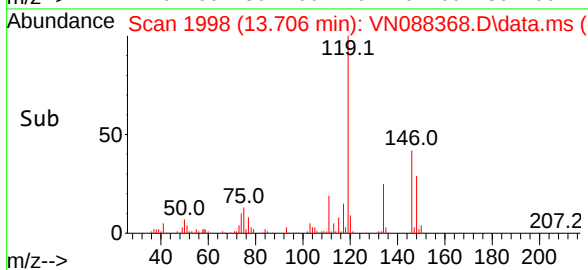
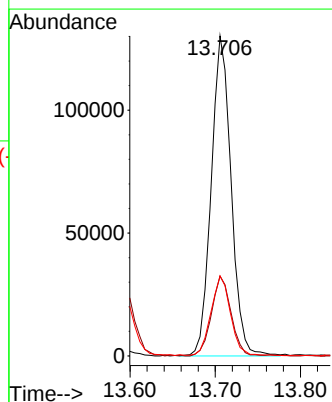
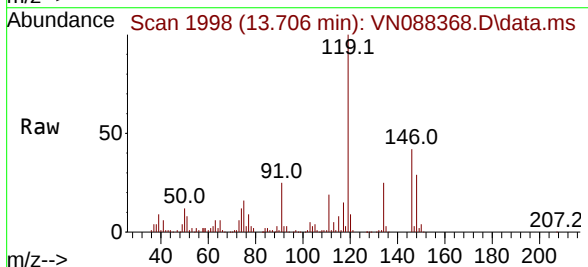
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

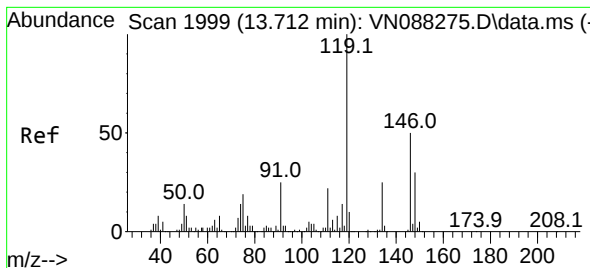
Tgt Ion:105 Resp: 253754
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.532 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088368.D
 Acq: 26 Nov 2025 13:12

Tgt Ion:119 Resp: 211505
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 51.2
 91 24.3 0.0 53.4





#83

1,3-Dichlorobenzene

Concen: 20.237 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

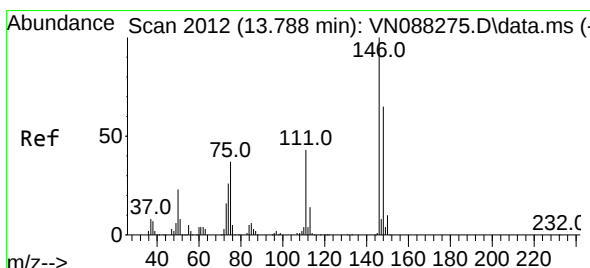
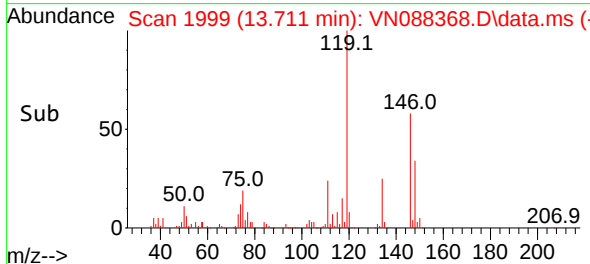
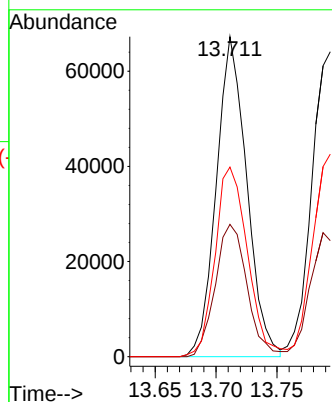
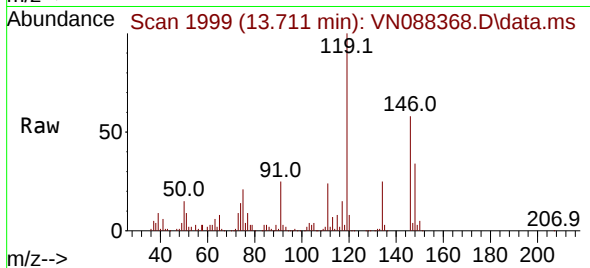
Tgt Ion:146 Resp: 116961

Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.5

148 63.6 31.4 94.3



#84

1,4-Dichlorobenzene

Concen: 19.592 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

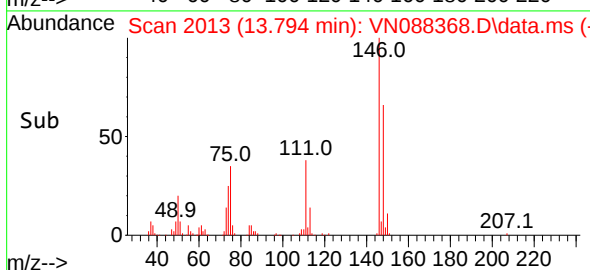
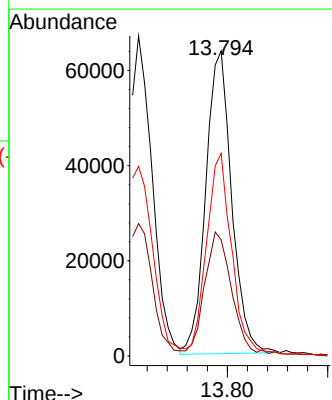
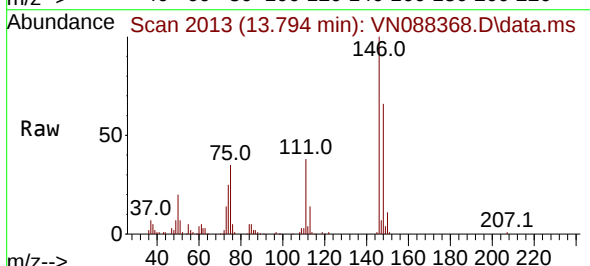
Tgt Ion:146 Resp: 114676

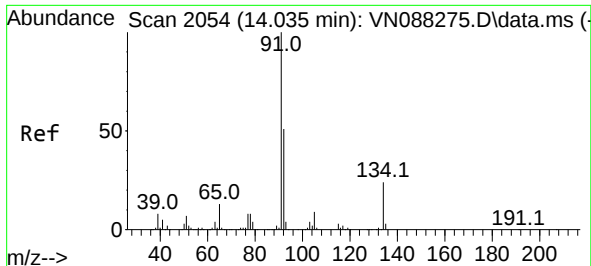
Ion Ratio Lower Upper

146 100

111 41.2 21.8 65.3

148 65.6 31.9 95.5

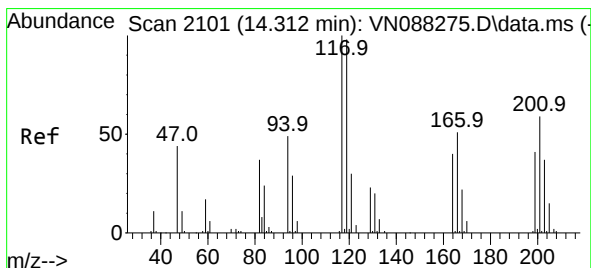
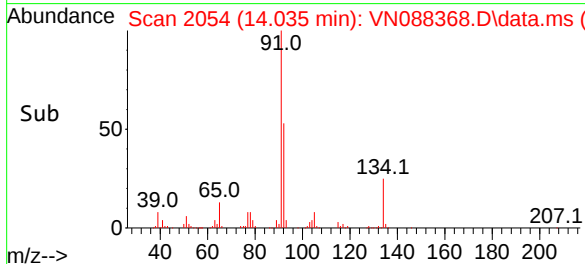
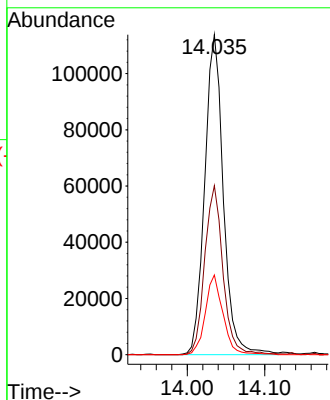
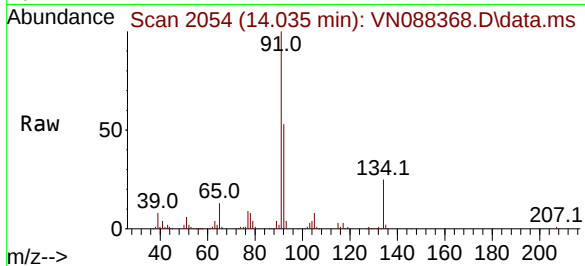




#85
n-Butylbenzene
Concen: 17.529 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

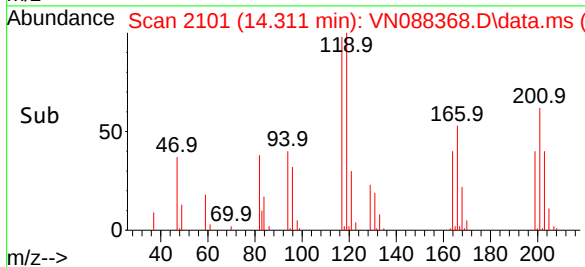
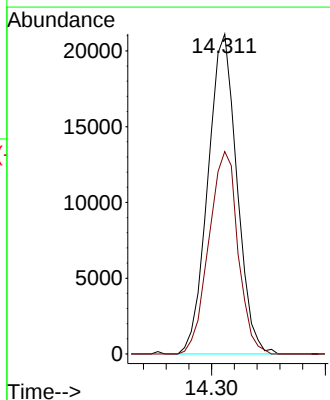
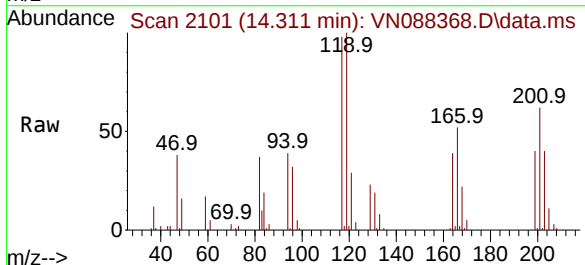
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

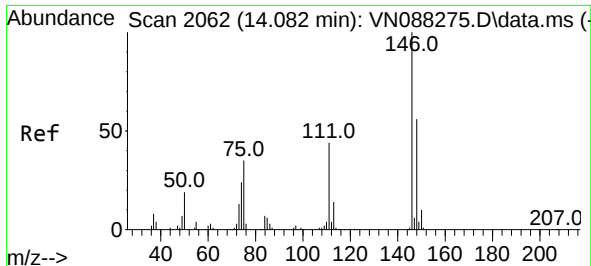
Tgt Ion: 91 Resp: 190668
Ion Ratio Lower Upper
91 100
92 51.5 0.0 102.4
134 23.6 0.0 45.8



#86
Hexachloroethane
Concen: 17.141 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 117 Resp: 37456
Ion Ratio Lower Upper
117 100
201 63.5 30.6 92.0

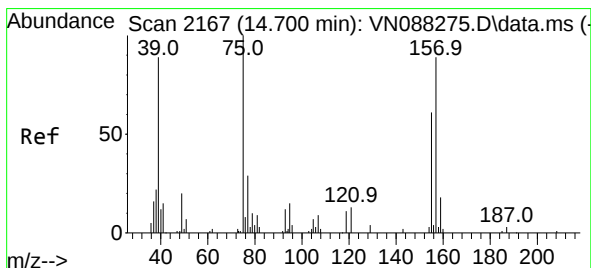
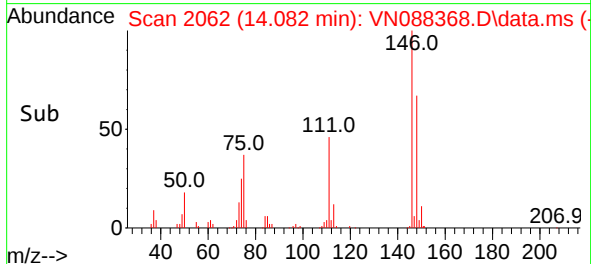
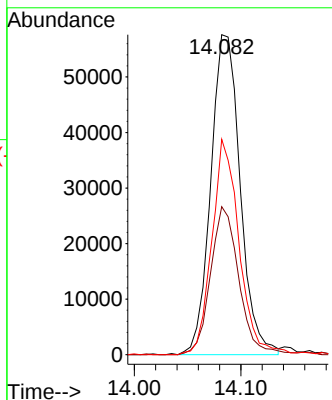
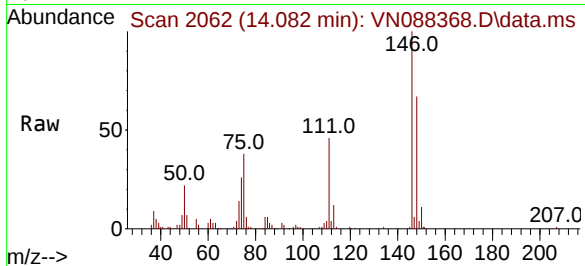




#87
1,2-Dichlorobenzene
Concen: 20.259 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

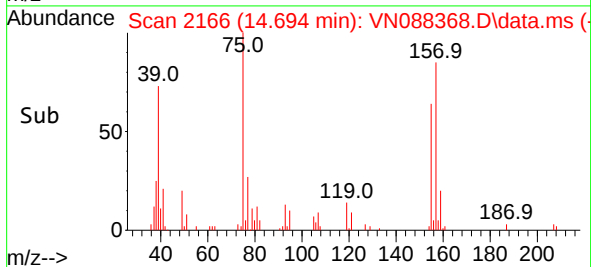
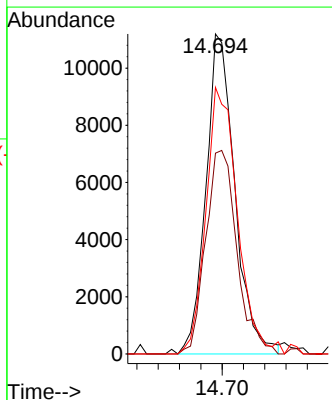
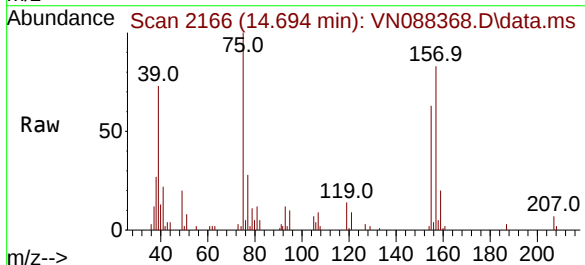
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

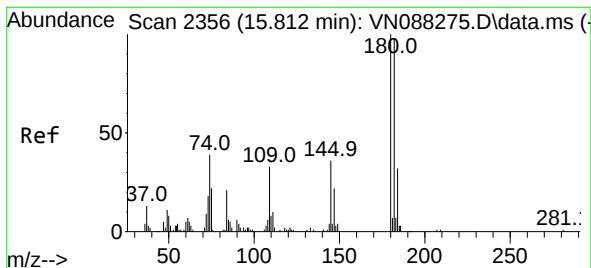
Tgt Ion:146 Resp: 110523
Ion Ratio Lower Upper
146 100
111 44.5 23.0 69.0
148 62.2 31.1 93.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.062 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088368.D
Acq: 26 Nov 2025 13:12

Tgt Ion: 75 Resp: 21130
Ion Ratio Lower Upper
75 100
155 68.9 54.8 82.2
157 89.6 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 20.742 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

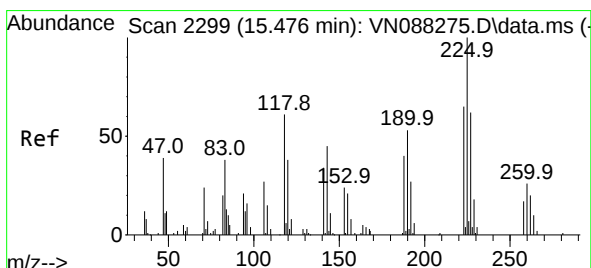
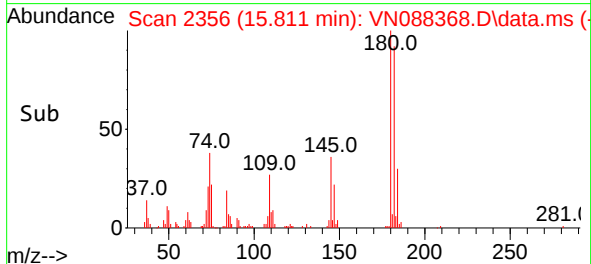
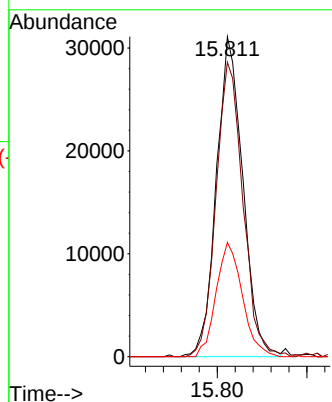
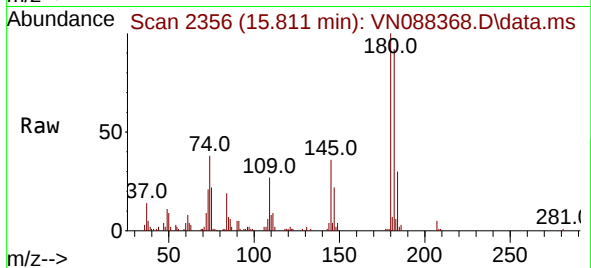
Tgt Ion:180 Resp: 63500

Ion Ratio Lower Upper

180 100

182 93.5 77.3 115.9

145 35.5 30.2 45.4



#90

Hexachlorobutadiene

Concen: 18.181 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

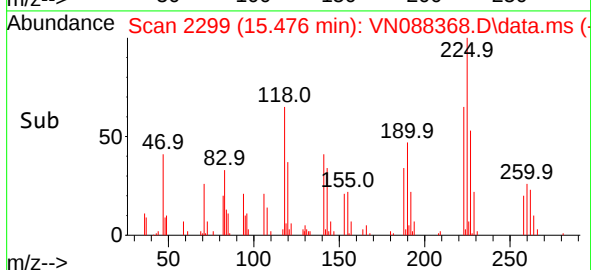
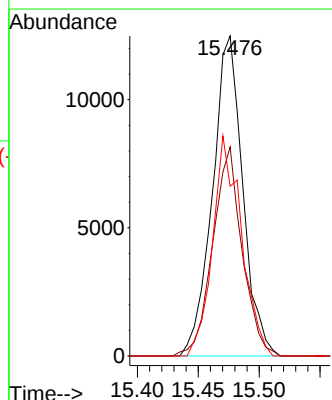
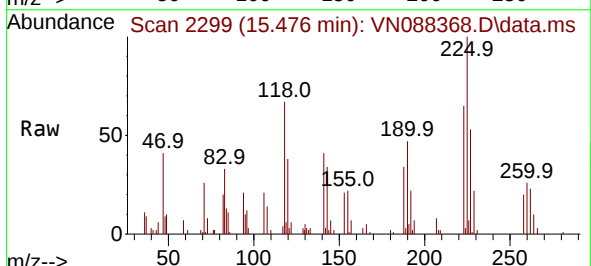
Tgt Ion:225 Resp: 21615

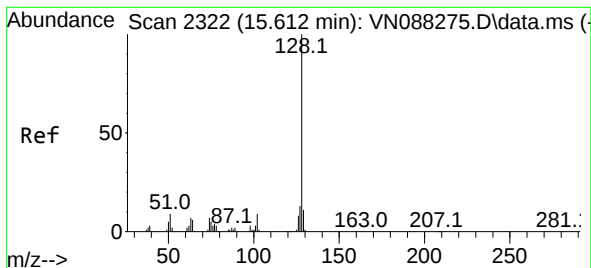
Ion Ratio Lower Upper

225 100

223 63.2 0.0 132.0

227 65.1 0.0 132.6





#91

Naphthalene

Concen: 20.597 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

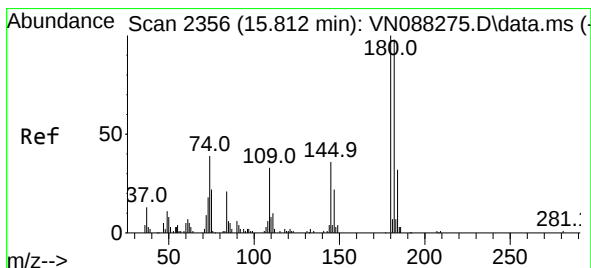
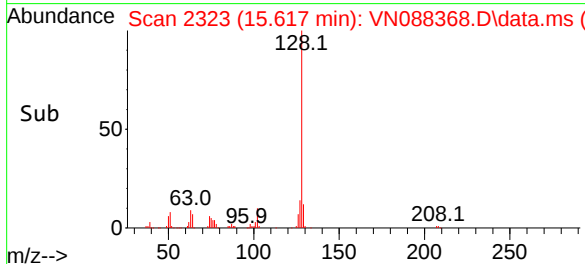
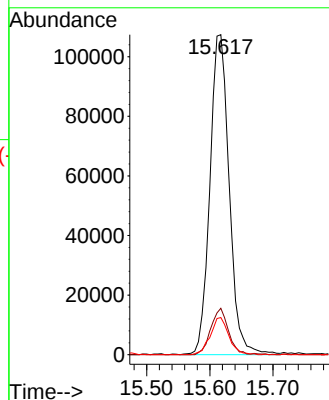
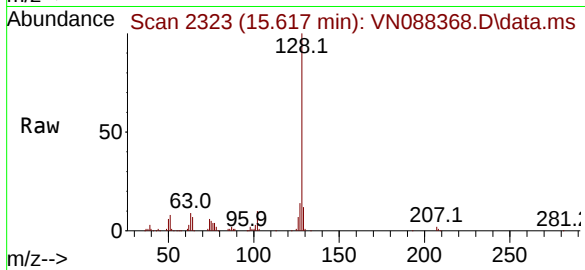
Tgt Ion:128 Resp: 228149

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.1 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 20.742 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088368.D

Acq: 26 Nov 2025 13:12

Tgt Ion:180 Resp: 63500

Ion Ratio Lower Upper

180 100

182 93.5 0.0 193.2

145 35.5 0.0 75.6

