

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087610.D
 Acq On : 20 Aug 2025 12:19
 Operator : JC\MD
 Sample : Q2902-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MSD

Quant Time: Aug 21 02:42:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	50973	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	275779	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	252017	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	140248	29.830	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.433%
60) 4-Bromofluorobenzene	12.829	95	126193	29.096	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.000%
63) Toluene-d8	10.547	98	347386	29.958	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	57826	17.376	ug/l	95
3) Chloromethane	2.389	50	58556	17.149	ug/l	96
4) Vinyl Chloride	2.536	62	66404	18.336	ug/l	96
5) Bromomethane	2.977	94	34485	17.592	ug/l	88
6) Chloroethane	3.136	64	43544	18.646	ug/l	96
7) Trichlorofluoromethane	3.506	101	102202	19.609	ug/l	99
8) Diethyl Ether	3.965	74	43643	20.099	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	54320	20.438	ug/l	97
10) 1,1-Dichloroethene	4.336	96	54720	19.601	ug/l	92
11) Methyl Iodide	4.583	142	28507	12.968	ug/l	98
12) Methyl Acetate	5.018	43	103815	20.151	ug/l	97
13) Acrolein	4.171	56	104554	132.875	ug/l	95
14) Acrylonitrile	5.706	53	210291	93.478	ug/l	90
15) Acetone	4.424	58	437593	680.789	ug/l	99
16) Carbon Disulfide	4.700	76	143842	16.610	ug/l	96
17) Allyl chloride	5.012	41	98235	17.264	ug/l	98
18) Methylene Chloride	5.259	84	66437	18.486	ug/l	92
19) trans-1,2-Dichloroethene	5.771	96	32929	9.919	ug/l	85
20) Diisopropyl ether	6.659	45	224304	17.304	ug/l	96
21) 1,1-Dichloroethane	6.553	63	121494	18.132	ug/l	97
22) cis-1,2-Dichloroethene	7.477	96	74151	18.153	ug/l	95
23) tert-Butyl Alcohol	5.530	59	97790	102.299	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	228636	17.973	ug/l	97
25) Chloroform	7.953	83	216256	30.919	ug/l	96
26) Cyclohexane	8.241	56	90204	16.814	ug/l #	94
29) 1,1-Dichloropropene	8.359	75	82031	18.237	ug/l	100
30) 2-Butanone	7.471	43	331697	100.043	ug/l	98
31) 2,2-Dichloropropane	7.477	77	104806	18.066	ug/l #	85
32) 1,1,1-Trichloroethane	8.153	97	107594	18.755	ug/l	95
33) Carbon Tetrachloride	8.347	117	87085	18.273	ug/l	90
34) Benzene	8.588	78	264834	18.652	ug/l	95
35) Methacrylonitrile	7.771	41	65547	18.320	ug/l	95
36) 1,2-Dichloroethane	8.659	62	104757	18.254	ug/l	99
37) Trichloroethene	9.335	130	57627	18.425	ug/l	94
38) Methylcyclohexane	9.582	83	91656	17.565	ug/l	95
39) 1,2-Dichloropropane	9.600	63	67672	18.589	ug/l	94
40) Dibromomethane	9.688	93	52422	19.192	ug/l	98
41) Bromodichloromethane	9.871	83	123714	21.797	ug/l	98
42) Vinyl Acetate	6.588	43	960141	87.936	ug/l	99

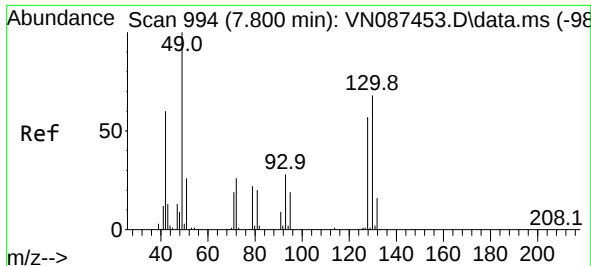
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	122132	19.068	ug/l	99
44) Isopropyl Acetate	8.677	43	199877	18.409	ug/l	99
45) 1,4-Dioxane	9.682	88	31004	447.928	ug/l #	91
46) Methyl methacrylate	9.665	41	88006	17.171	ug/l	91
47) n-amyl Acetate	12.523	43	4497	0.750	ug/l #	83
48) t-1,3-Dichloropropene	10.818	75	106833	17.301	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	111466	17.937	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	67190	19.470	ug/l	95
51) Ethyl methacrylate	10.853	69	103557	17.039	ug/l	93
52) 1,3-Dichloropropane	11.147	76	113929	18.324	ug/l	97
53) Dibromochloromethane	11.335	129	81285	20.395	ug/l	96
54) 1,2-Dibromoethane	11.447	107	67440	18.409	ug/l	100
56) Bromoform	12.559	173	47759	18.117	ug/l #	99
58) 4-Methyl-2-Pentanone	10.424	43	613509	94.633	ug/l	99
59) 2-Hexanone	11.182	43	388929	88.294	ug/l	100
61) Tetrachloroethene	11.082	164	45807	18.657	ug/l	93
62) Toluene	10.612	91	281103	18.072	ug/l	98
64) Chlorobenzene	11.870	112	170870	17.878	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	61453	18.288	ug/l	98
66) Ethyl Benzene	11.947	91	310502	17.910	ug/l	95
67) m/p-Xylenes	12.053	106	225758	35.476	ug/l	98
68) o-Xylene	12.376	106	111055	17.739	ug/l	97
69) Styrene	12.388	104	187109	17.503	ug/l	98
70) Isopropylbenzene	12.670	105	284147	17.865	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	105317	19.325	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	137535	27.090	ug/l	52
73) Bromobenzene	12.959	156	68024	18.449	ug/l	97
74) n-propylbenzene	13.017	91	357358	17.990	ug/l	100
75) 2-Chlorotoluene	13.106	91	219624	17.974	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	244079	17.922	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	30885	16.070	ug/l	93
78) 4-Chlorotoluene	13.200	91	227224	18.350	ug/l	98
79) tert-butylbenzene	13.417	119	207371	18.060	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	244067	17.935	ug/l	99
81) sec-Butylbenzene	13.594	105	304284	18.203	ug/l	99
82) p-Isopropyltoluene	13.706	119	248191	17.882	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	129613	18.460	ug/l	96
84) 1,4-Dichlorobenzene	13.788	146	134105	18.839	ug/l	99
85) n-Butylbenzene	14.035	91	248328	18.287	ug/l	98
86) Hexachloroethane	14.306	117	48153	17.767	ug/l	98
87) 1,2-Dichlorobenzene	14.088	146	126573	18.885	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	24476	17.729	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	74796	18.673	ug/l	98
90) Hexachlorobutadiene	15.470	225	29310	18.818	ug/l	97
91) Naphthalene	15.617	128	275531	18.041	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	74796	18.673	ug/l	98

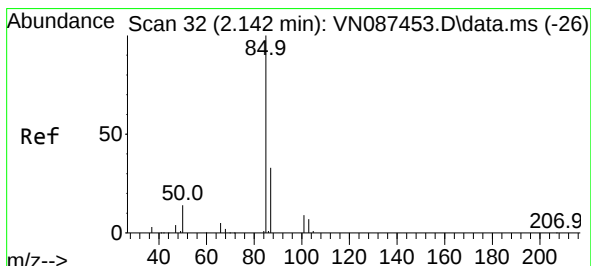
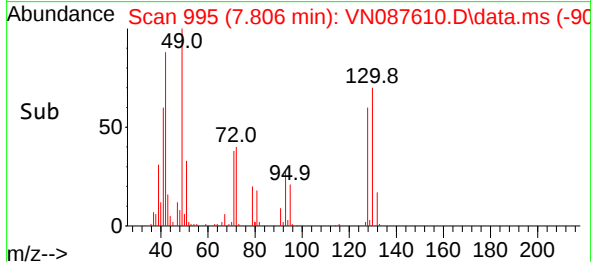
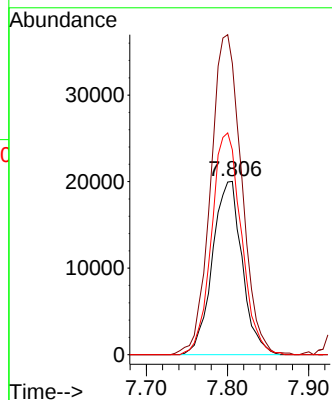
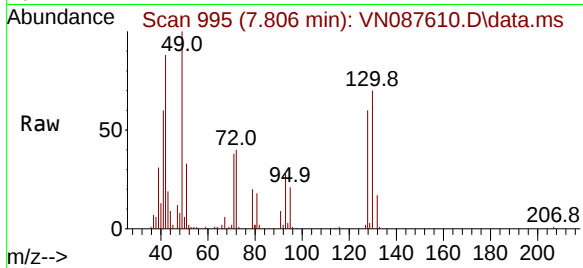
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

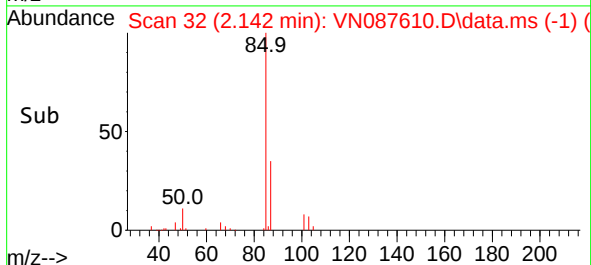
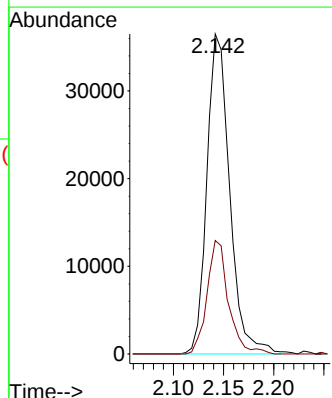
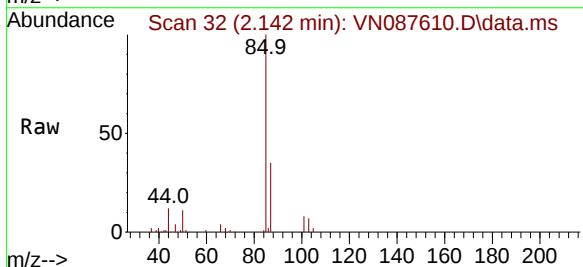
Instrument :
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OUTFALL-DSN-001MSD

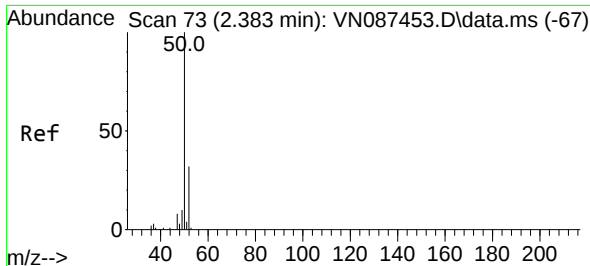
Tgt Ion:128 Resp: 50973
Ion Ratio Lower Upper
128 100
49 192.1 0.0 494.8
130 128.6 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 17.376 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 85 Resp: 57826
Ion Ratio Lower Upper
85 100
87 35.4 16.4 49.2

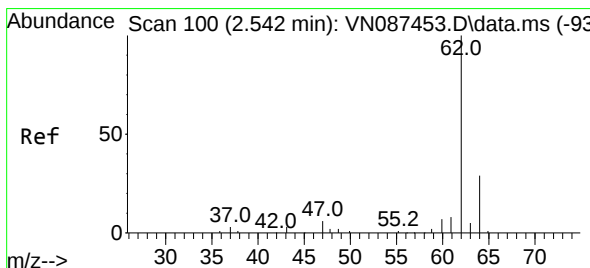
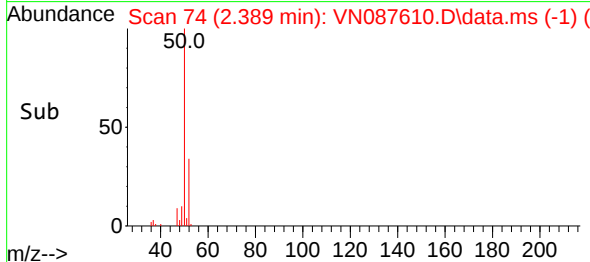
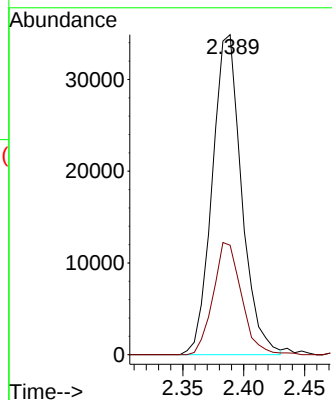
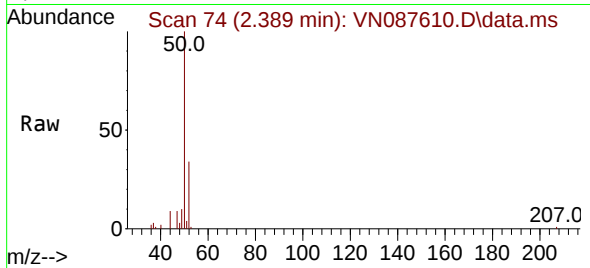




#3
Chloromethane
Concen: 17.149 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

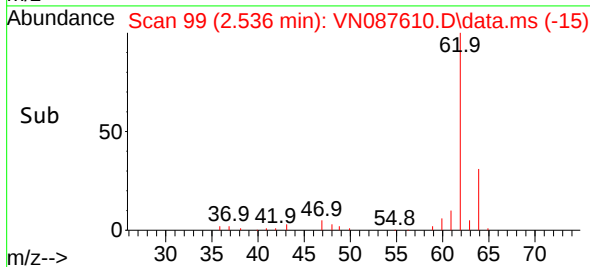
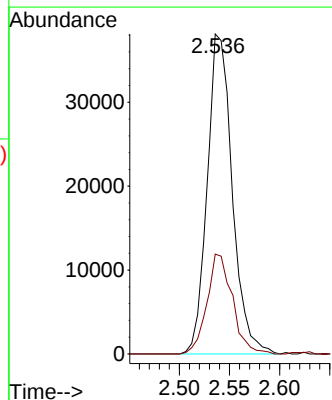
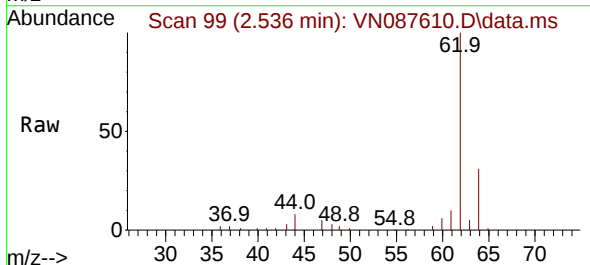
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OUTFALL-DSN-001MSD

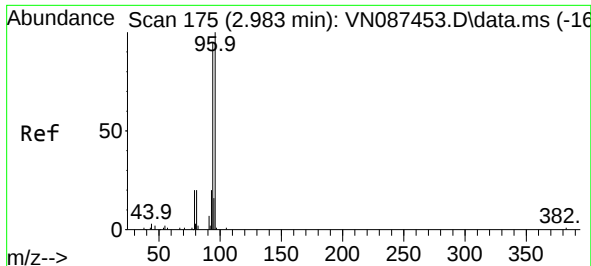
Tgt Ion: 50 Resp: 58556
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.6



#4
Vinyl Chloride
Concen: 18.336 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 62 Resp: 66404
Ion Ratio Lower Upper
62 100
64 31.2 23.4 35.2

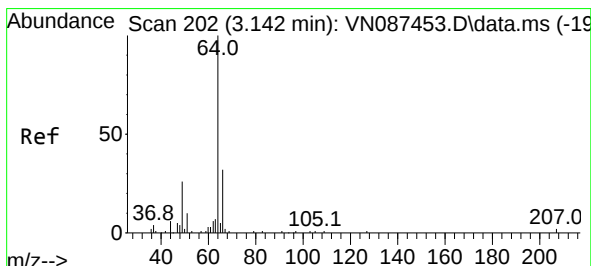
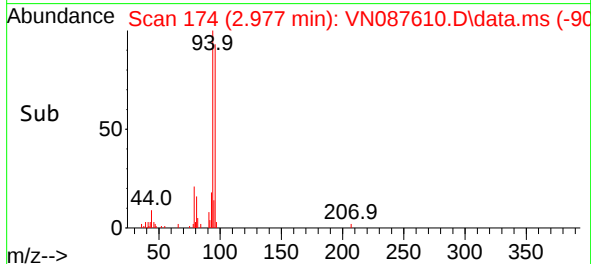
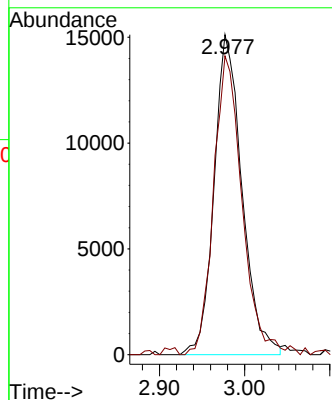
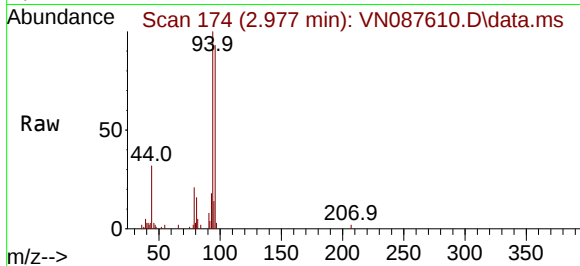




#5
Bromomethane
Concen: 17.592 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

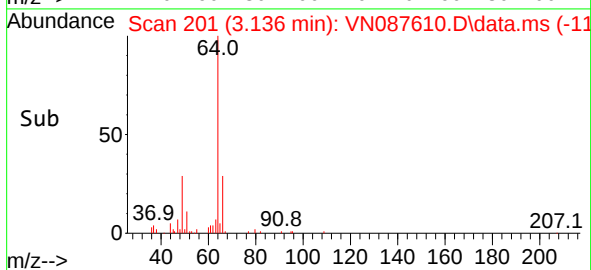
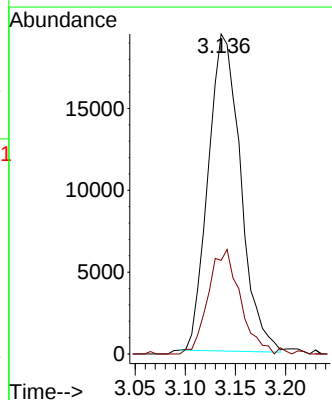
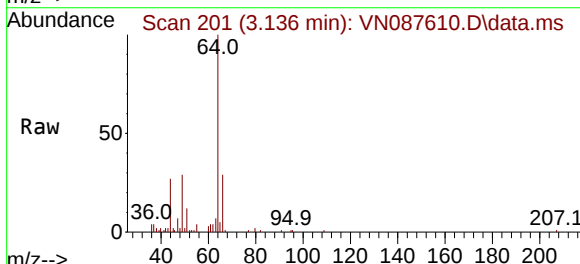
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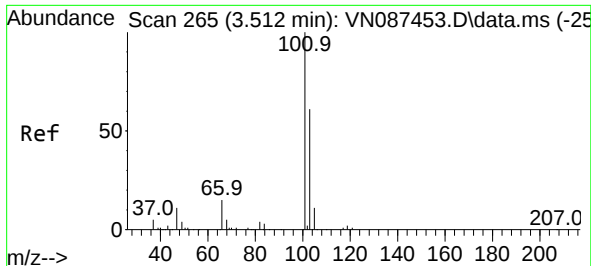
Tgt Ion: 94 Resp: 34485
Ion Ratio Lower Upper
94 100
96 93.4 84.2 126.4



#6
Chloroethane
Concen: 18.646 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 64 Resp: 43544
Ion Ratio Lower Upper
64 100
66 29.6 25.4 38.0

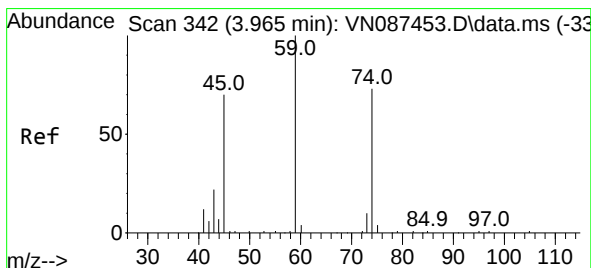
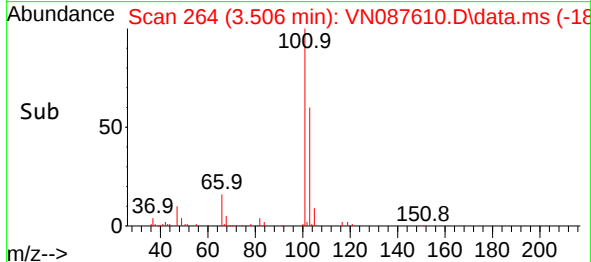
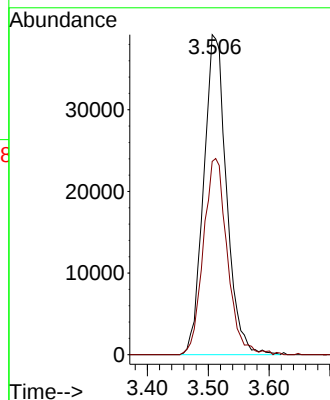
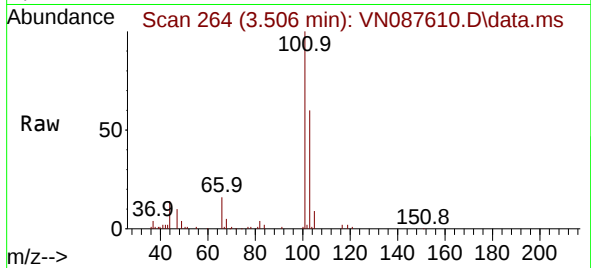




#7
 Trichlorofluoromethane
 Concen: 19.609 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN087610.D
 Acq: 20 Aug 2025 12:19

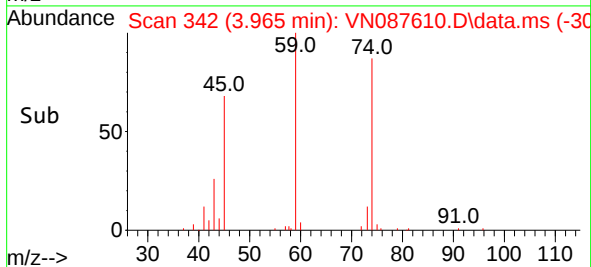
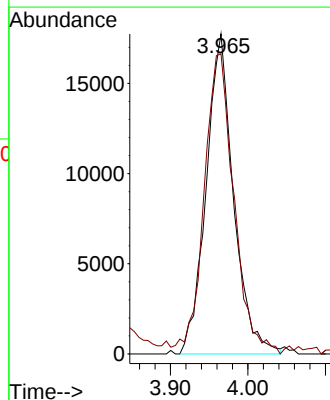
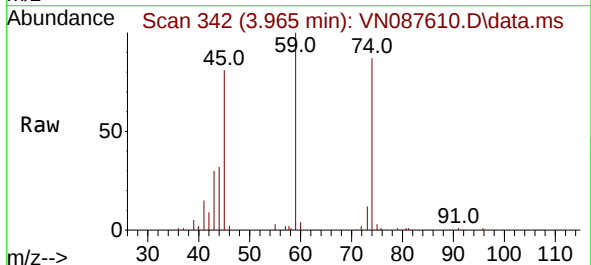
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Tgt Ion:101 Resp: 102202
 Ion Ratio Lower Upper
 101 100
 103 60.4 49.2 73.8



#8
 Diethyl Ether
 Concen: 20.099 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087610.D
 Acq: 20 Aug 2025 12:19

Tgt Ion: 74 Resp: 43643
 Ion Ratio Lower Upper
 74 100
 45 101.9 20.1 180.9

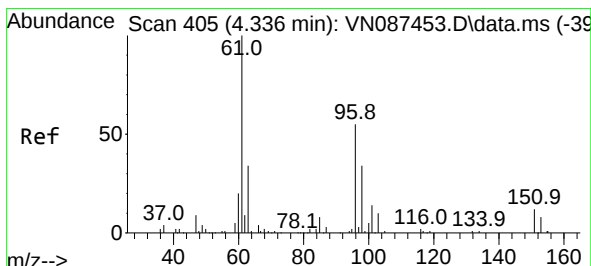
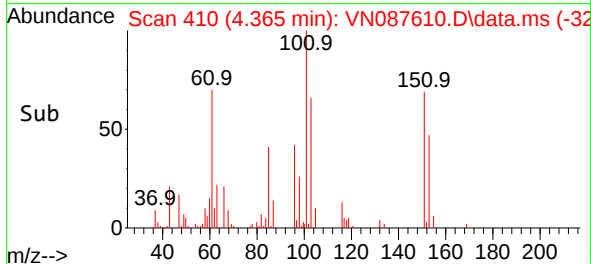
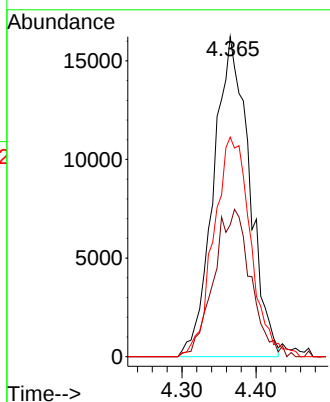
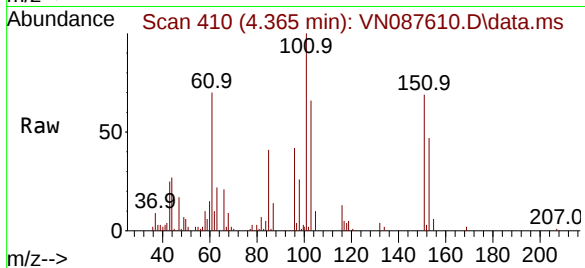




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.438 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN087610.D
 Acq: 20 Aug 2025 12:19

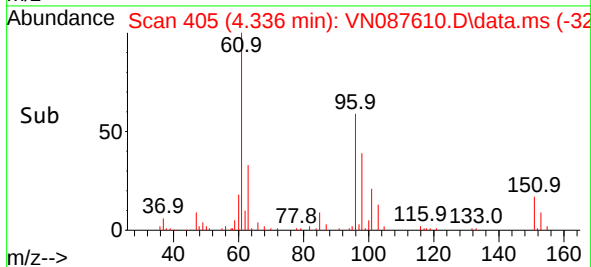
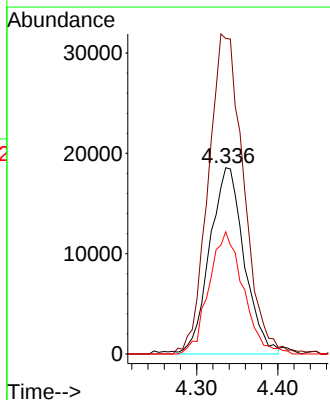
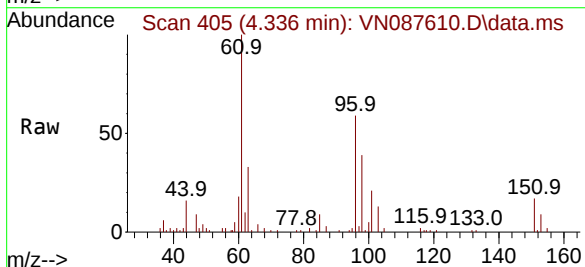
Instrument :
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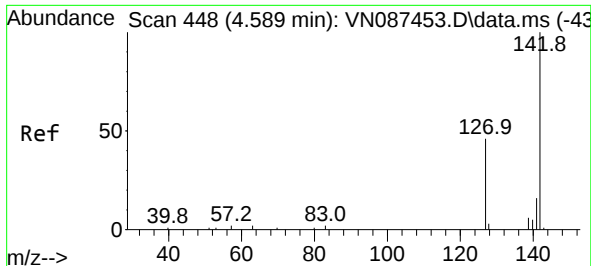
Tgt Ion:101 Resp: 54320
 Ion Ratio Lower Upper
 101 100
 85 28.2 0.0 57.0
 151 70.5 0.0 134.2



#10
 1,1-Dichloroethene
 Concen: 19.601 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN087610.D
 Acq: 20 Aug 2025 12:19

Tgt Ion: 96 Resp: 54720
 Ion Ratio Lower Upper
 96 100
 61 167.9 144.2 216.4
 98 66.1 49.7 74.5

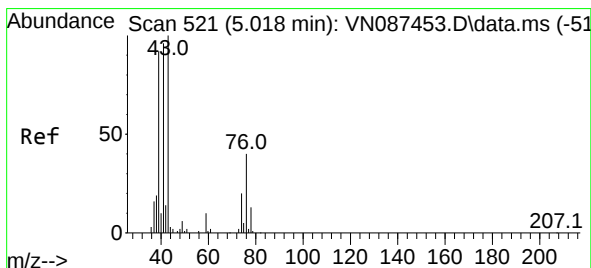
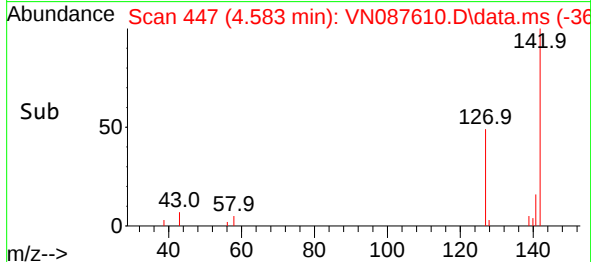
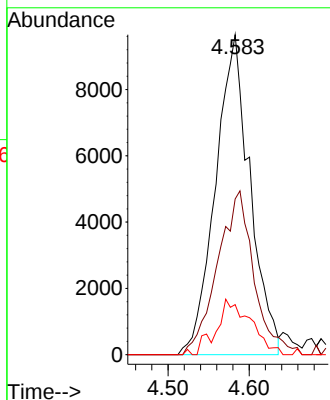
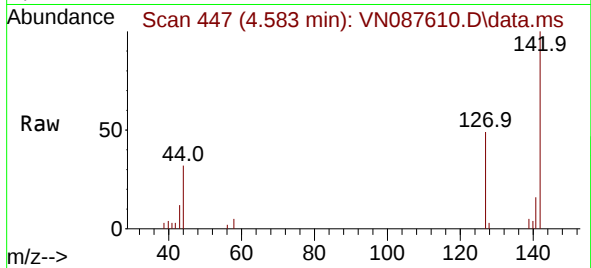




#11
Methyl Iodide
Concen: 12.968 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

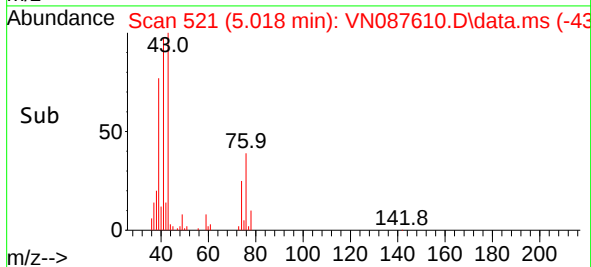
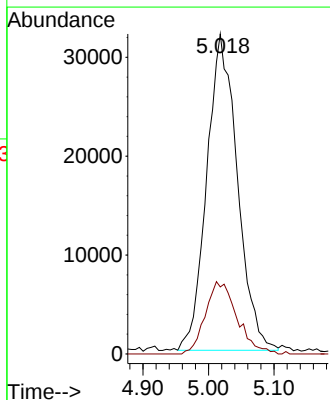
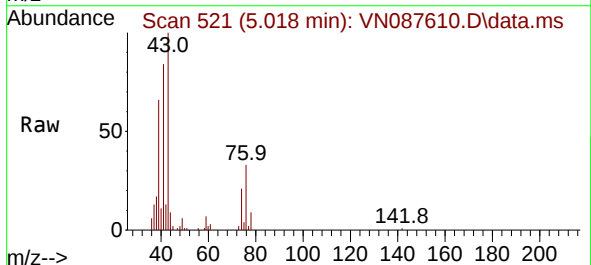
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion:142 Resp: 28507
Ion Ratio Lower Upper
142 100
127 47.1 22.9 68.7
141 14.9 7.7 23.1



#12
Methyl Acetate
Concen: 20.151 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 43 Resp: 103815
Ion Ratio Lower Upper
43 100
74 21.3 16.0 24.0

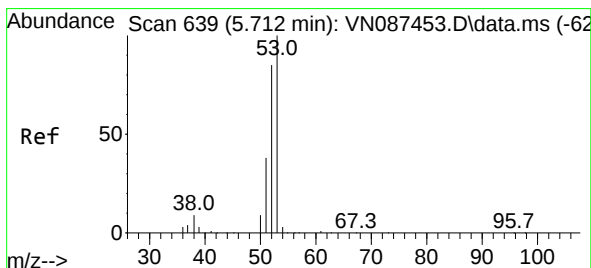
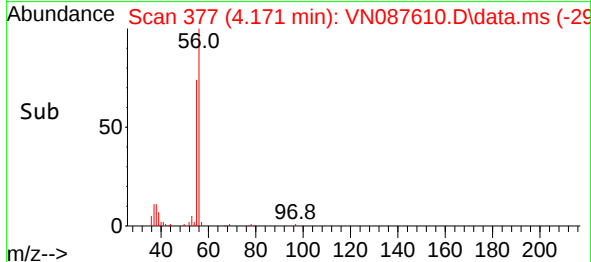
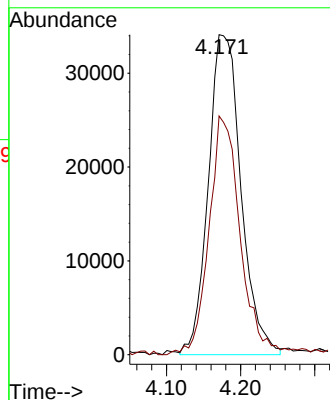
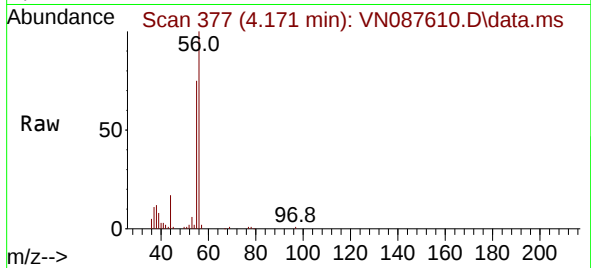




#13
Acrolein
Concen: 132.875 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

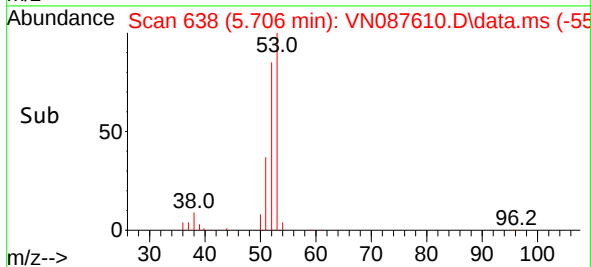
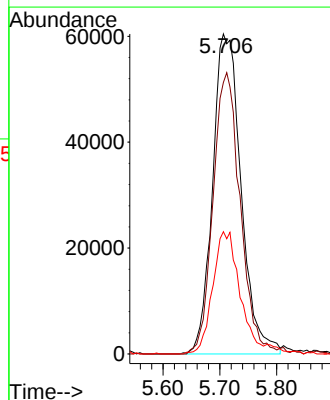
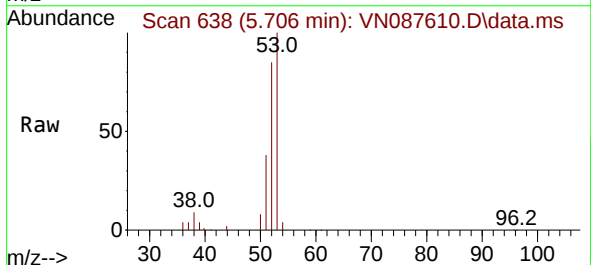
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion: 56 Resp: 104554
Ion Ratio Lower Upper
56 100
55 67.7 57.4 86.0



#14
Acrylonitrile
Concen: 93.478 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 53 Resp: 210291
Ion Ratio Lower Upper
53 100
52 83.6 42.4 127.2
51 19.4 18.5 55.5

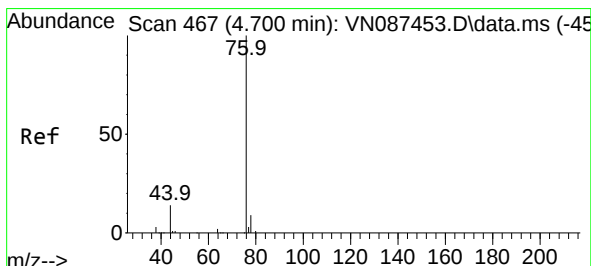
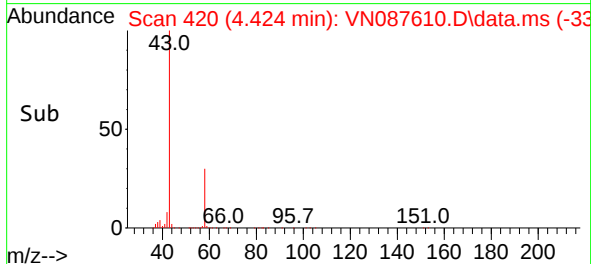
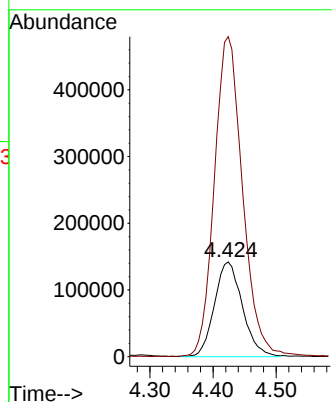
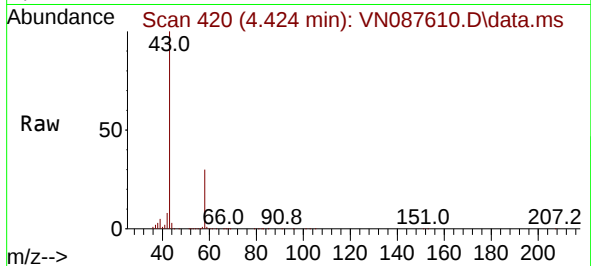




#15
Acetone
Concen: 680.789 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

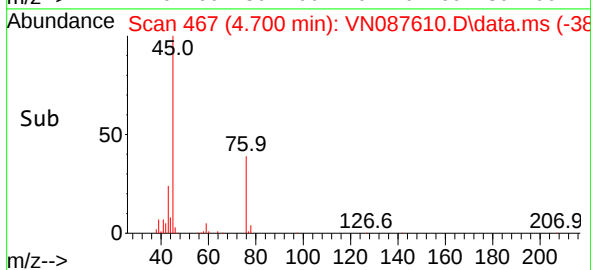
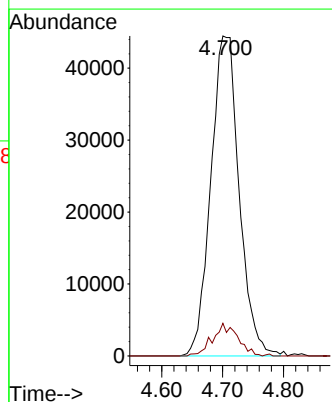
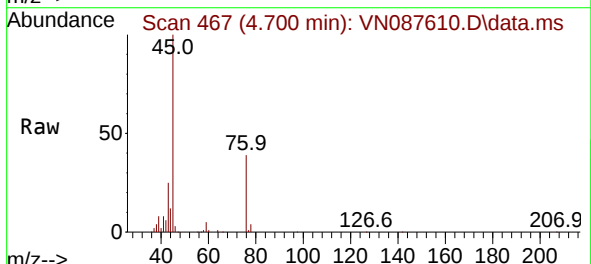
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

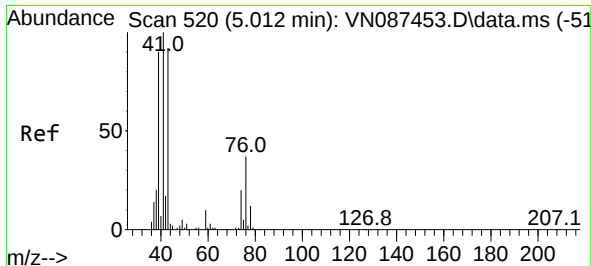
Tgt Ion: 58 Resp: 437593
Ion Ratio Lower Upper
58 100
43 337.6 268.9 403.3



#16
Carbon Disulfide
Concen: 16.610 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 76 Resp: 143842
Ion Ratio Lower Upper
76 100
78 10.2 7.1 10.7

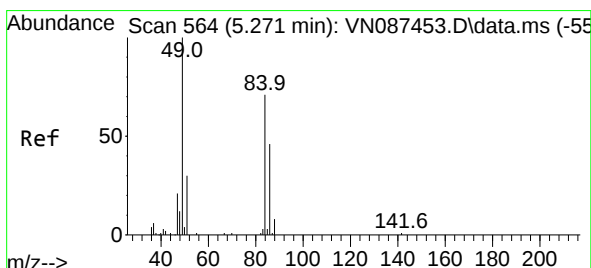
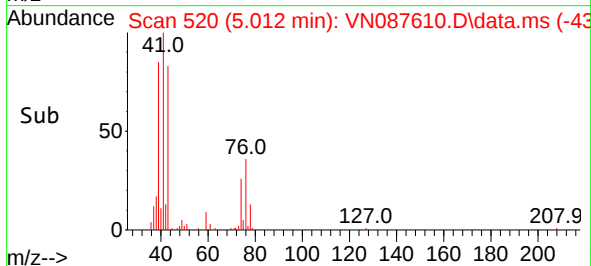
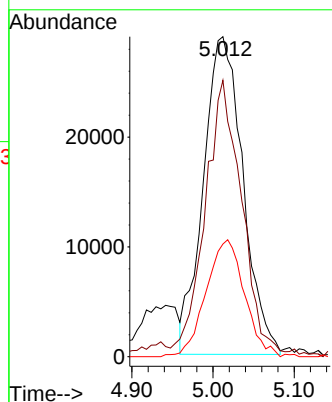
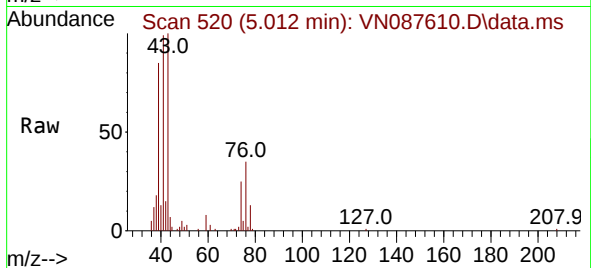




#17
Allyl chloride
Concen: 17.264 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

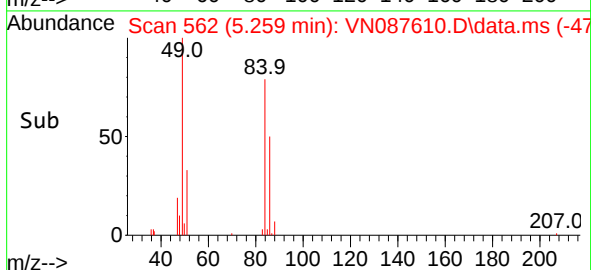
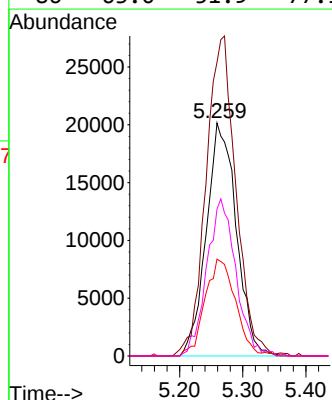
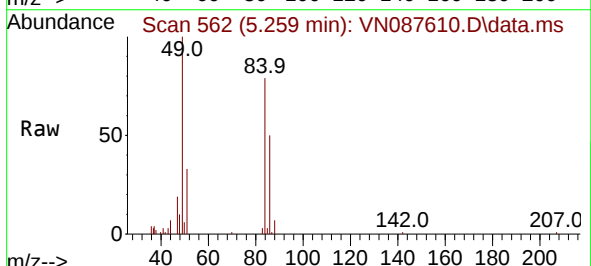
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

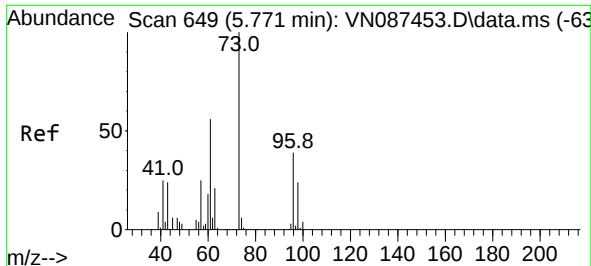
Tgt Ion: 41	Resp: 98235
Ion Ratio	Lower Upper
41 100	
39 86.1	42.4 127.2
76 35.9	16.9 50.6



#18
Methylene Chloride
Concen: 18.486 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 84	Resp: 66437
Ion Ratio	Lower Upper
84 100	
49 124.7	112.9 169.3
51 41.5	33.8 50.8
86 63.0	51.9 77.9

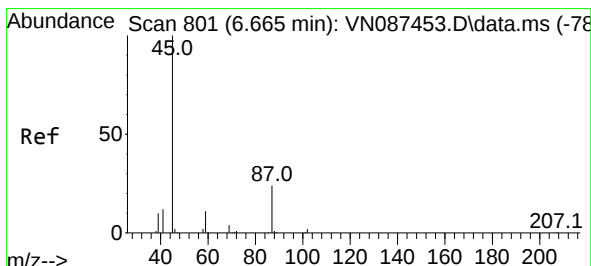
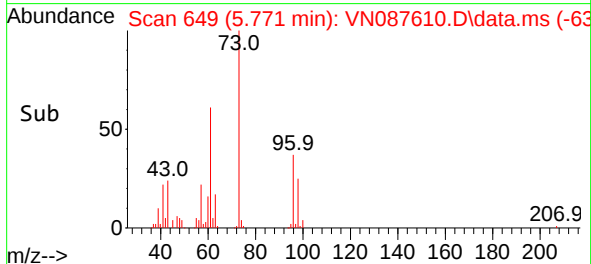
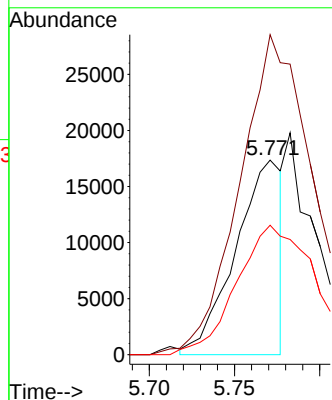
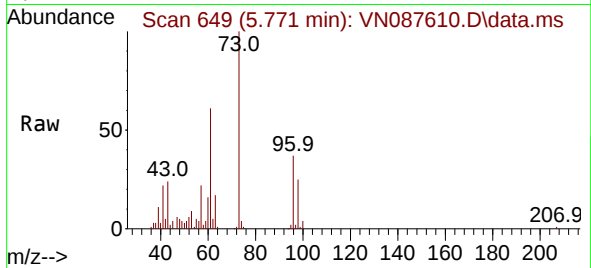




#19
trans-1,2-Dichloroethene
Concen: 9.919 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

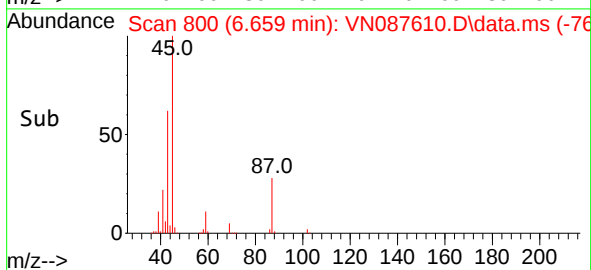
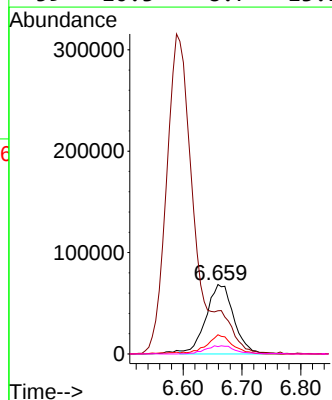
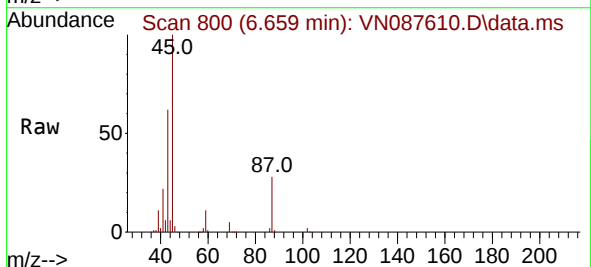
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion: 96 Resp: 32929
Ion Ratio Lower Upper
96 100
61 165.9 114.2 171.4
98 65.7 48.7 73.1



#20
Diisopropyl ether
Concen: 17.304 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 45 Resp: 224304
Ion Ratio Lower Upper
45 100
43 59.5 44.7 67.1
87 27.6 20.2 30.2
59 10.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.132 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN087610.D

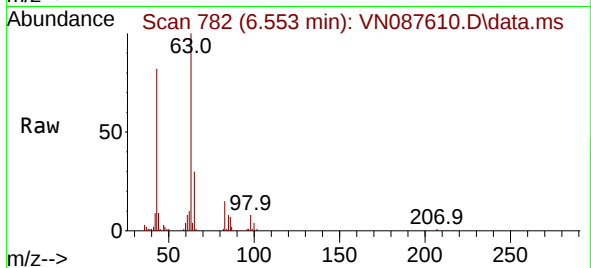
Acq: 20 Aug 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MSD



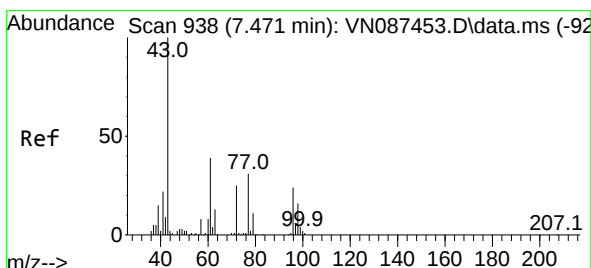
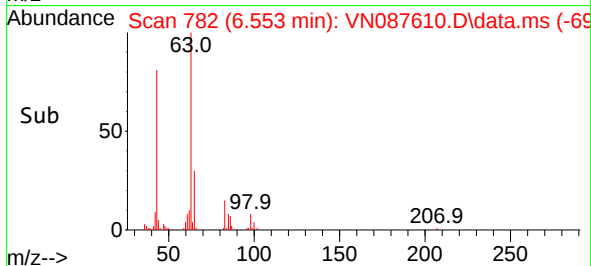
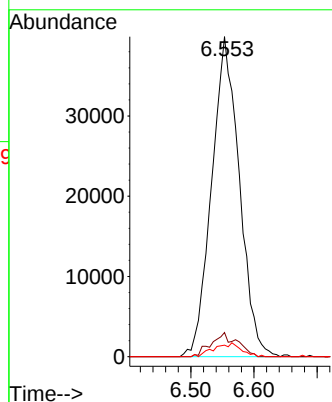
Tgt Ion: 63 Resp: 121494

Ion Ratio Lower Upper

63 100

98 7.6 3.0 9.0

100 3.6 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 18.153 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.006 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

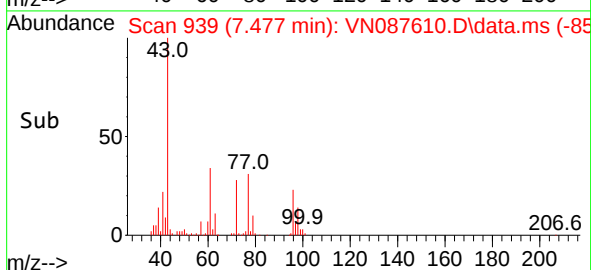
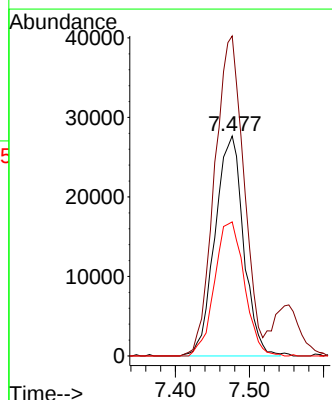
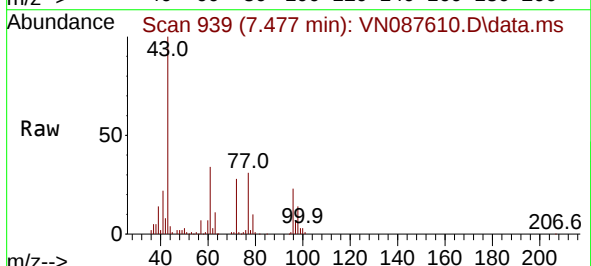
Tgt Ion: 96 Resp: 74151

Ion Ratio Lower Upper

96 100

61 148.8 126.6 190.0

98 63.7 50.9 76.3

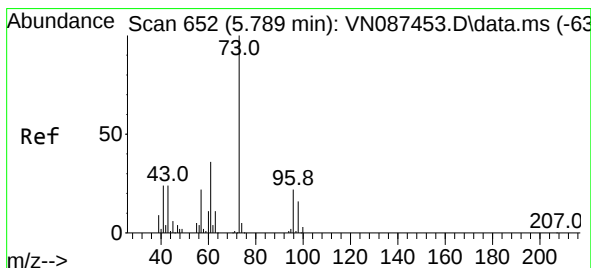
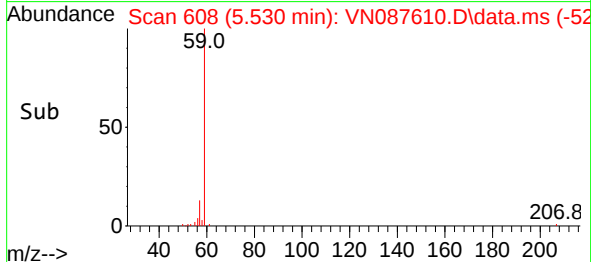
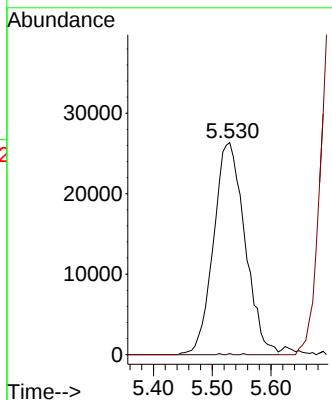
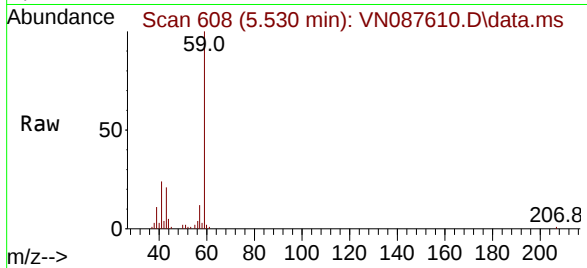




#23
tert-Butyl Alcohol
Concen: 102.299 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

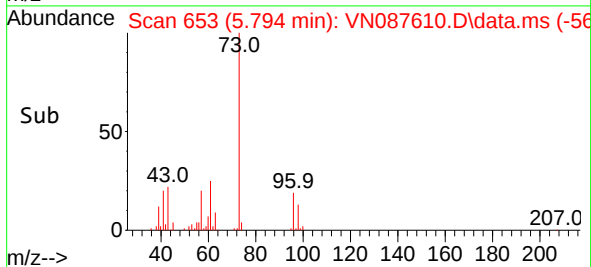
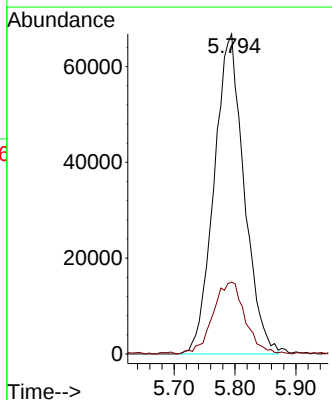
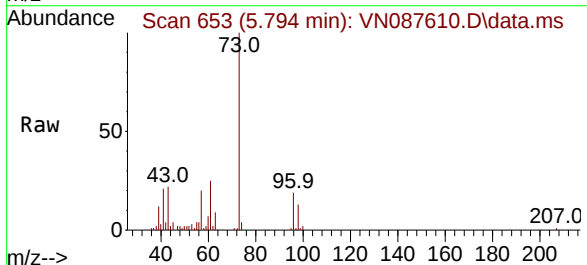
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

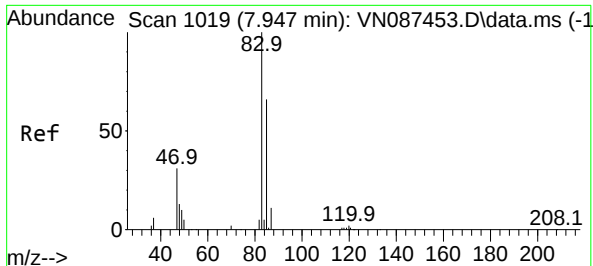
Tgt Ion: 59 Resp: 97790
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.973 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 73 Resp: 228636
Ion Ratio Lower Upper
73 100
43 23.4 19.9 29.9





#25

Chloroform

Concen: 30.919 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

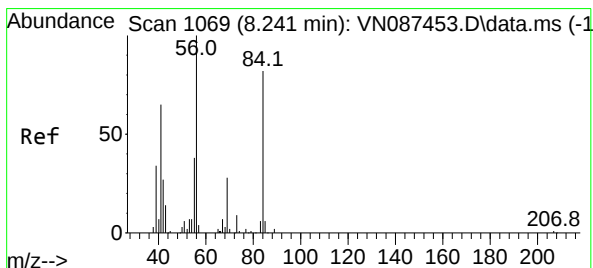
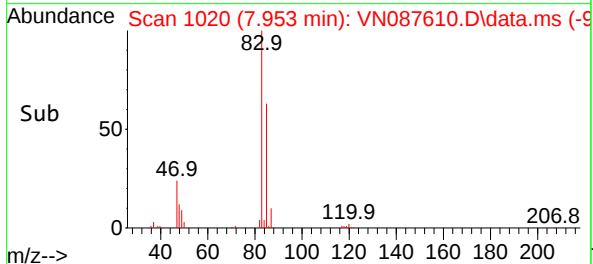
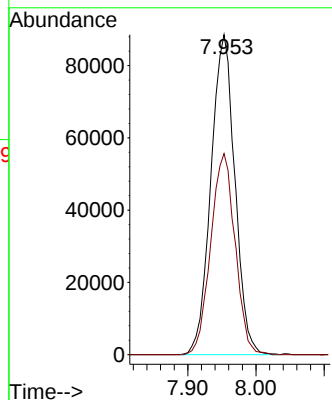
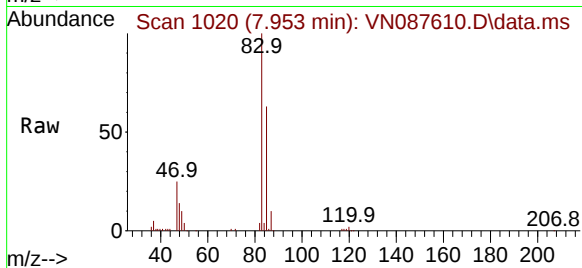
OUTFALL-DSN-001MSD

Tgt Ion: 83 Resp: 216256

Ion Ratio Lower Upper

83 100

85 62.9 52.6 78.8



#26

Cyclohexane

Concen: 16.814 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

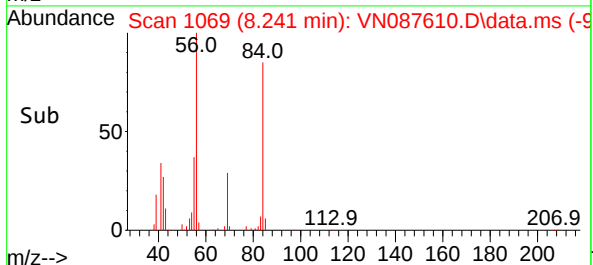
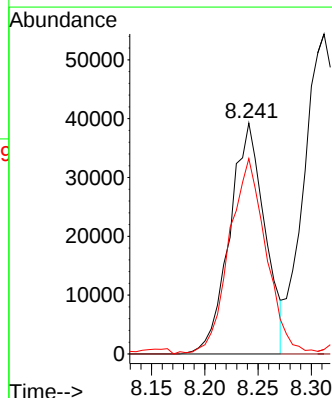
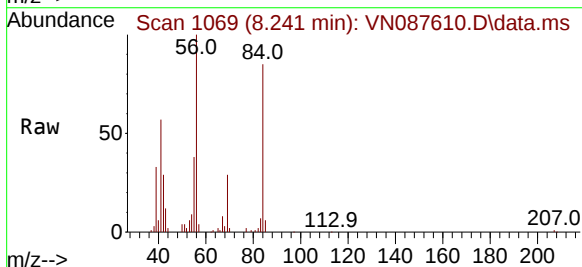
Tgt Ion: 56 Resp: 90204

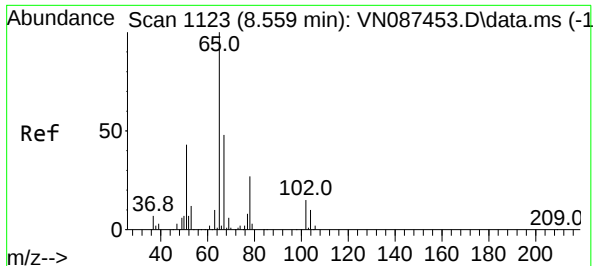
Ion Ratio Lower Upper

56 100

89 0.0 2.3 3.5#

84 88.7 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 29.830 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

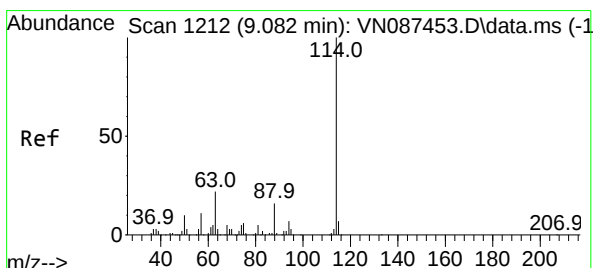
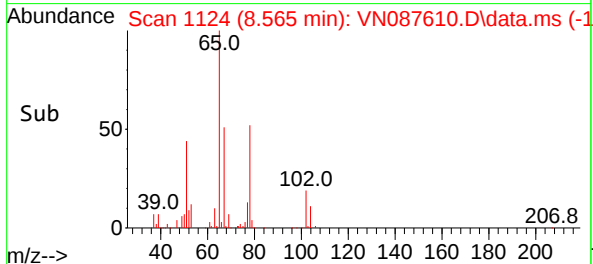
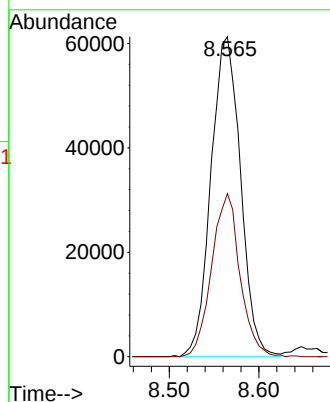
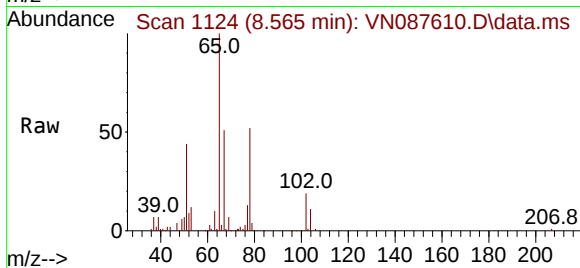
OUTFALL-DSN-001MSD

Tgt Ion: 65 Resp: 140248

Ion Ratio Lower Upper

65 100

67 48.7 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

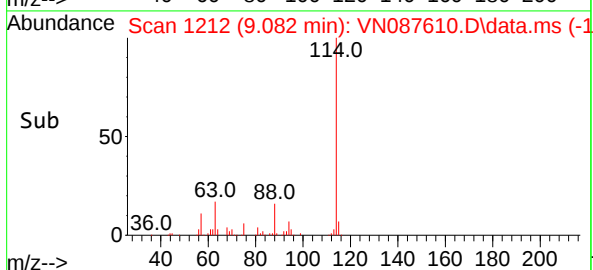
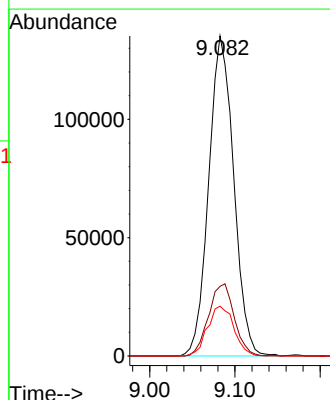
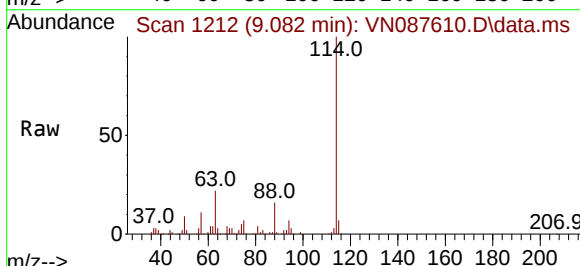
Tgt Ion: 114 Resp: 275779

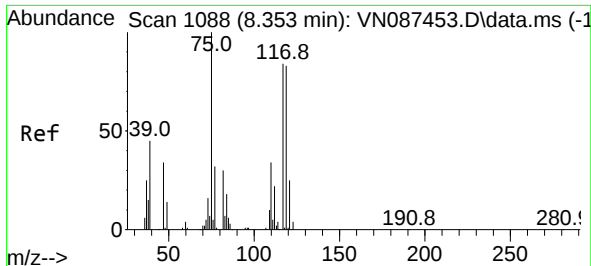
Ion Ratio Lower Upper

114 100

63 23.2 18.9 28.3

88 16.4 13.1 19.7

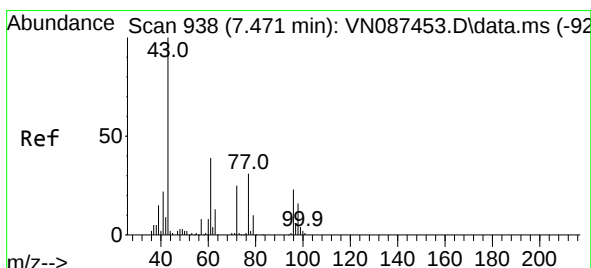
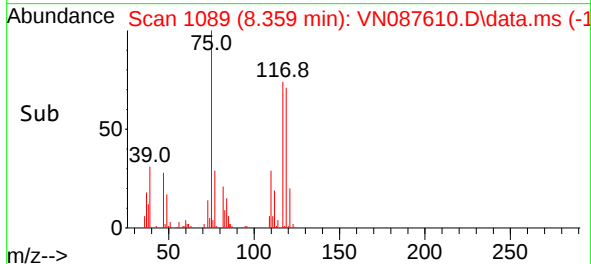
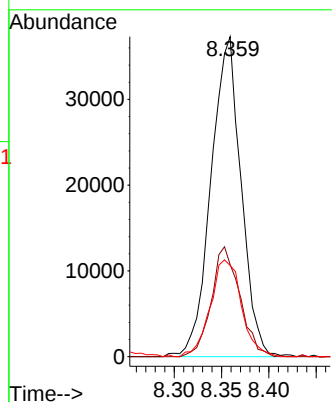
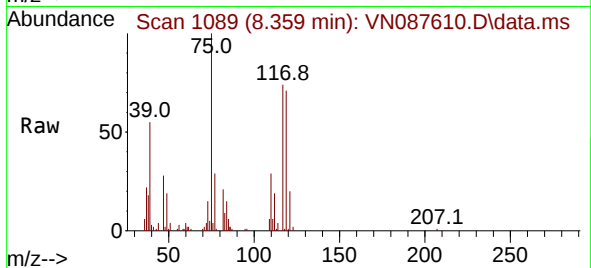




#29
1,1-Dichloropropene
Concen: 18.237 ug/l
RT: 8.359 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

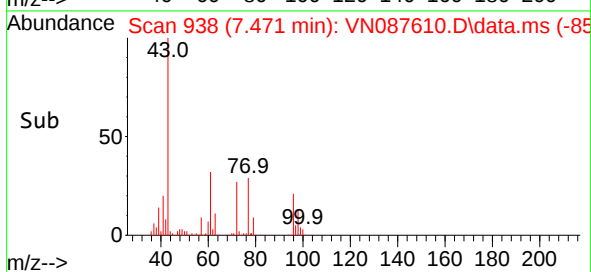
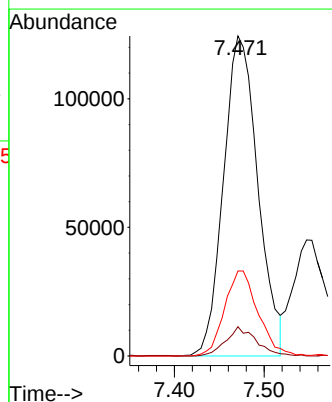
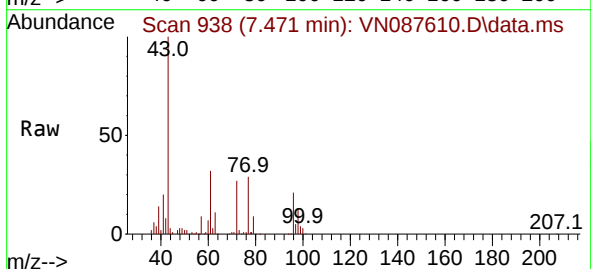
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

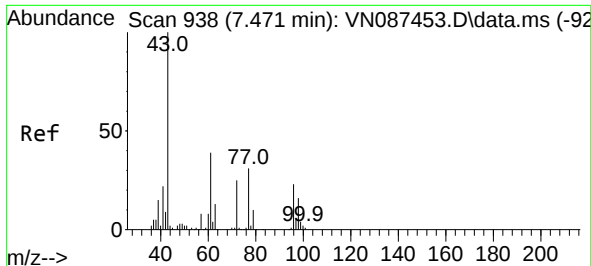
Tgt Ion: 75	Resp: 82031
Ion Ratio	Lower Upper
75	100
110	32.7 0.0 65.8
77	31.5 0.0 63.6



#30
2-Butanone
Concen: 100.043 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 43	Resp: 331697
Ion Ratio	Lower Upper
43	100
57	8.0 6.6 9.8
72	25.8 19.7 29.5





#31

2,2-Dichloropropane

Concen: 18.066 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

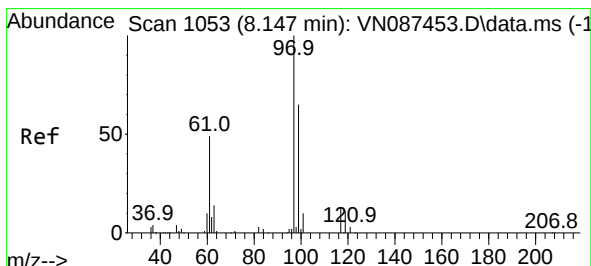
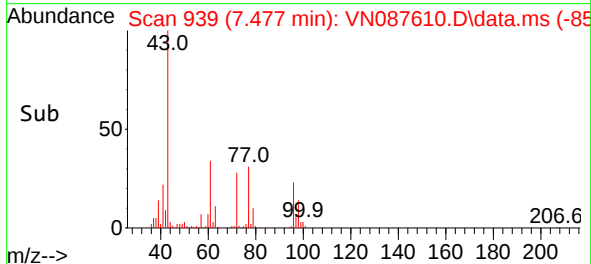
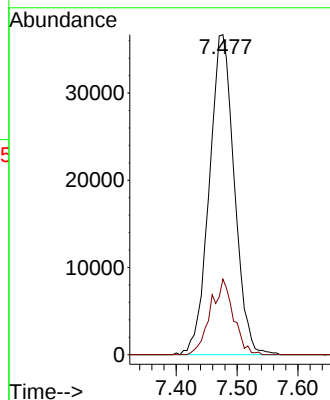
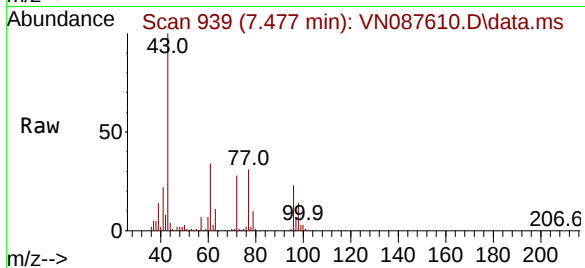
OUTFALL-DSN-001MSD

Tgt Ion: 77 Resp: 104806

Ion Ratio Lower Upper

77 100

97 13.7 16.7 25.1#



#32

1,1,1-Trichloroethane

Concen: 18.755 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

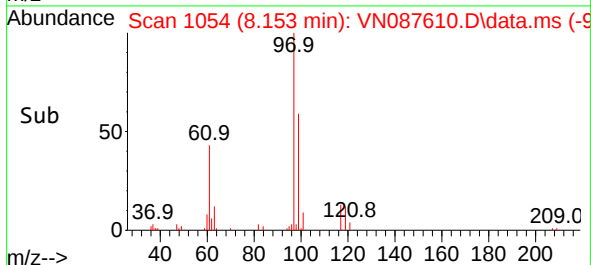
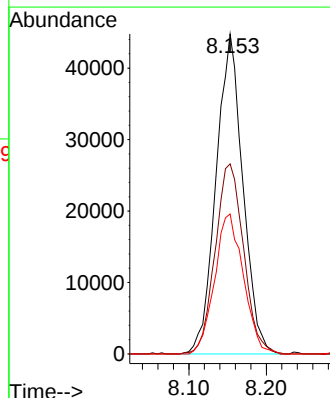
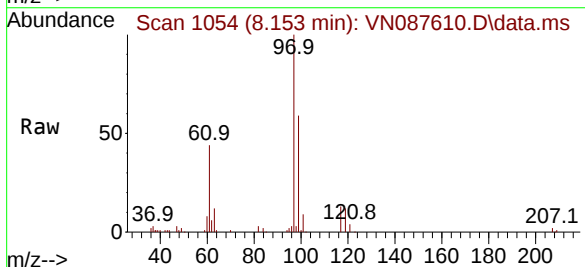
Tgt Ion: 97 Resp: 107594

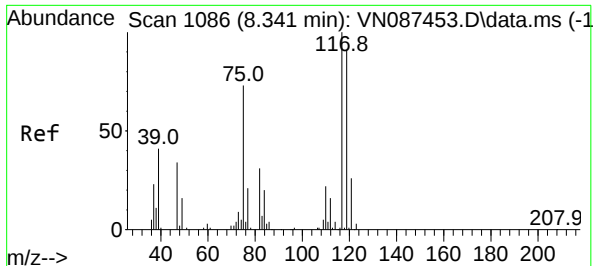
Ion Ratio Lower Upper

97 100

99 63.0 53.0 79.6

61 47.0 40.6 61.0

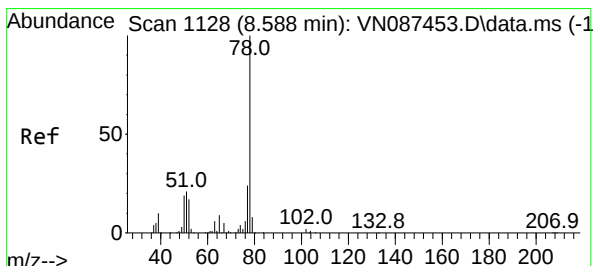
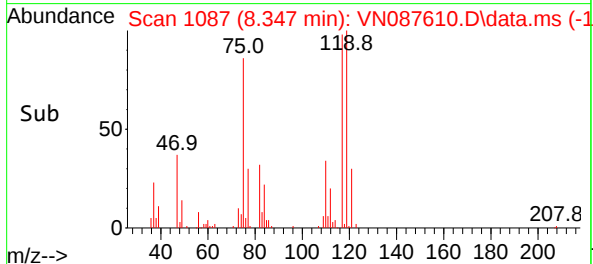
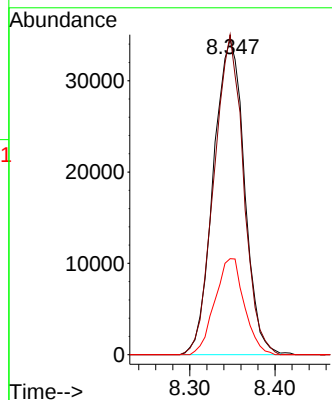
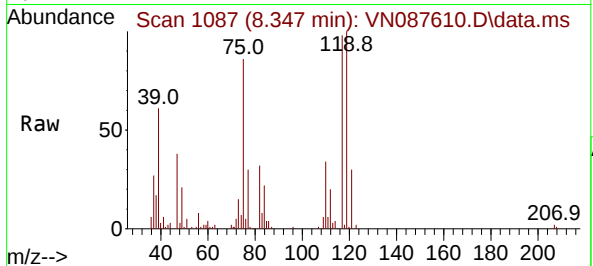




#33
Carbon Tetrachloride
Concen: 18.273 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

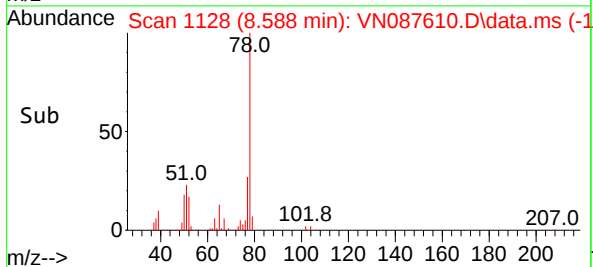
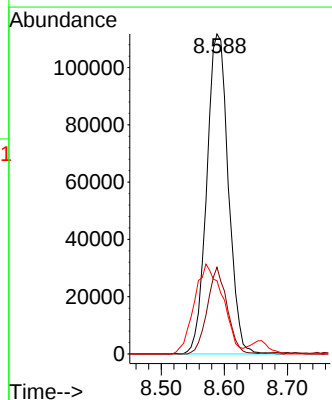
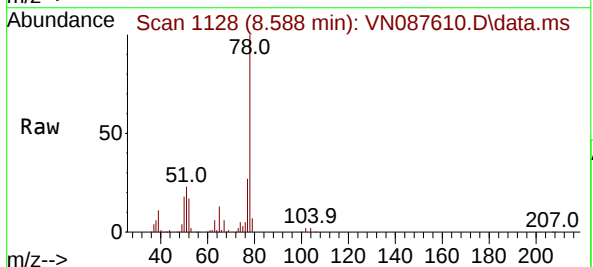
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion:117 Resp: 87085
Ion Ratio Lower Upper
117 100
119 101.6 73.4 110.0
121 30.5 21.1 31.7



#34
Benzene
Concen: 18.652 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 78 Resp: 264834
Ion Ratio Lower Upper
78 100
77 27.1 19.2 28.8
51 22.4 16.9 25.3

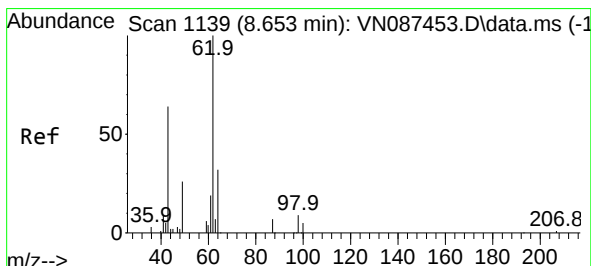
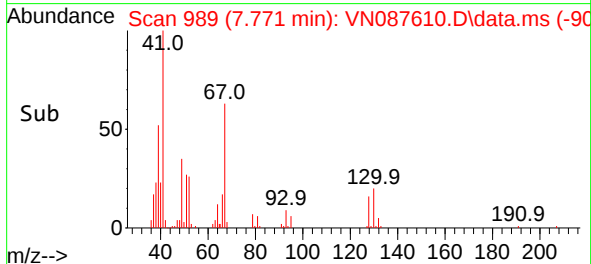
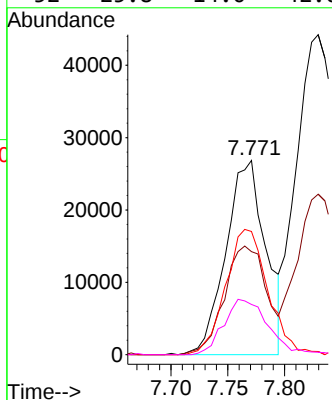
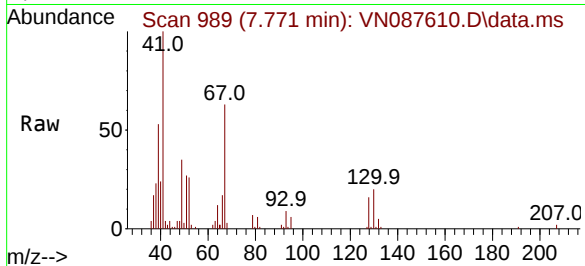




#35
Methacrylonitrile
Concen: 18.320 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

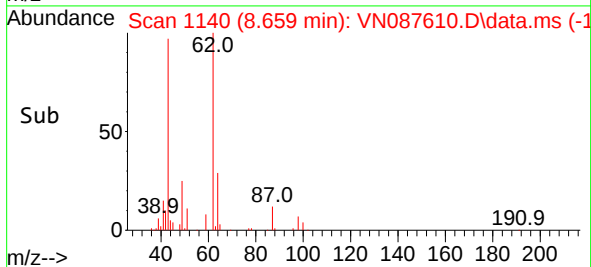
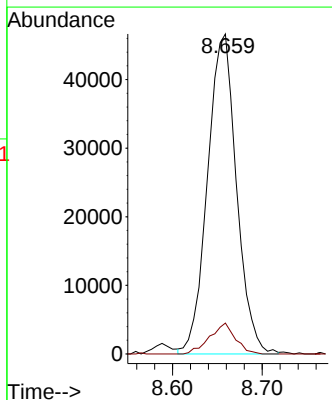
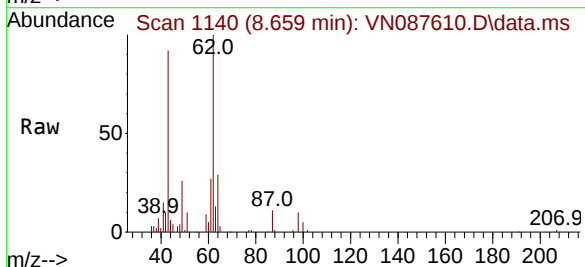
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

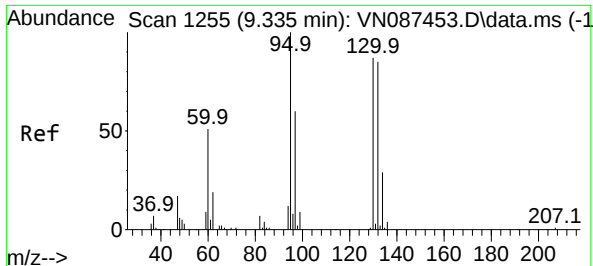
Tgt Ion:	41	Resp:	65547
Ion	Ratio	Lower	Upper
41	100		
39	53.0	30.1	90.5
67	63.4	32.0	96.2
52	25.8	14.0	42.0



#36
1,2-Dichloroethane
Concen: 18.254 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:	62	Resp:	104757
Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.6	9.8





#37

Trichloroethene

Concen: 18.425 ug/l

RT: 9.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

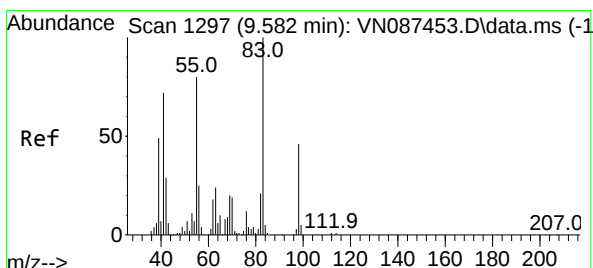
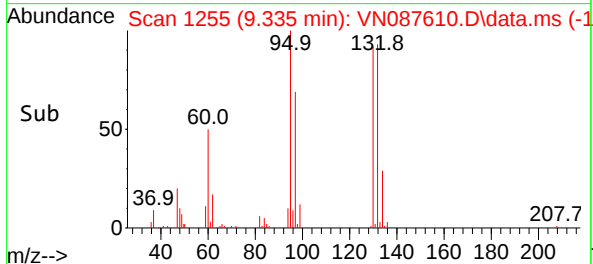
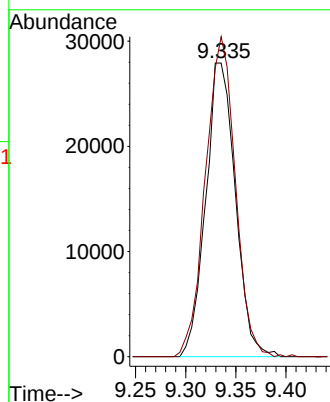
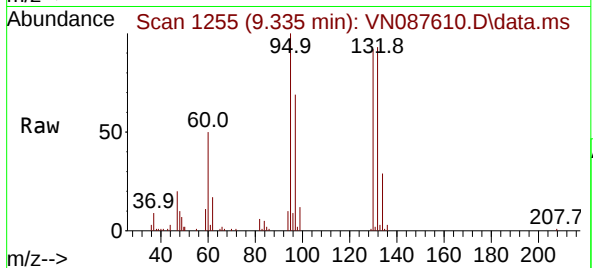
OUTFALL-DSN-001MSD

Tgt Ion:130 Resp: 57627

Ion Ratio Lower Upper

130 100

95 108.3 91.4 137.2



#38

Methylcyclohexane

Concen: 17.565 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

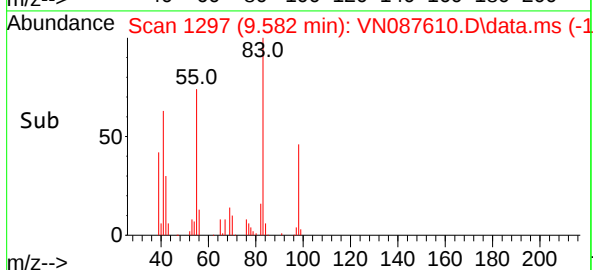
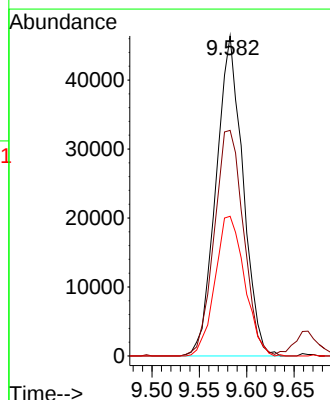
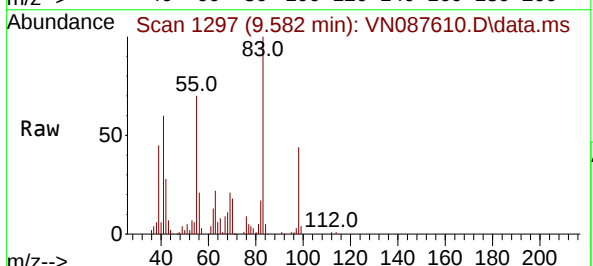
Tgt Ion: 83 Resp: 91656

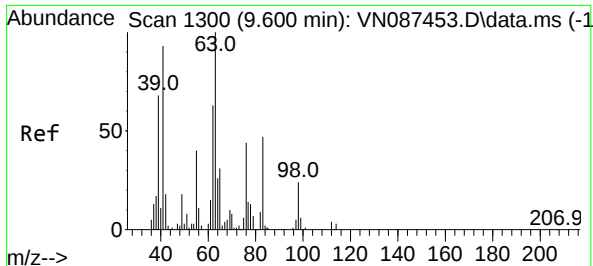
Ion Ratio Lower Upper

83 100

55 76.7 41.2 123.6

98 48.0 23.3 69.9

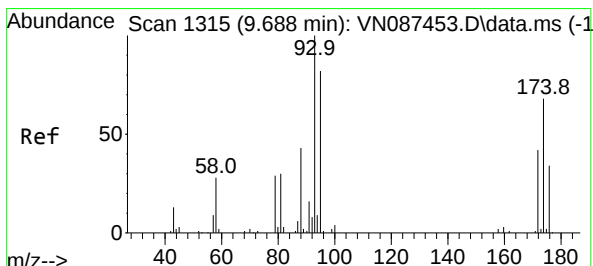
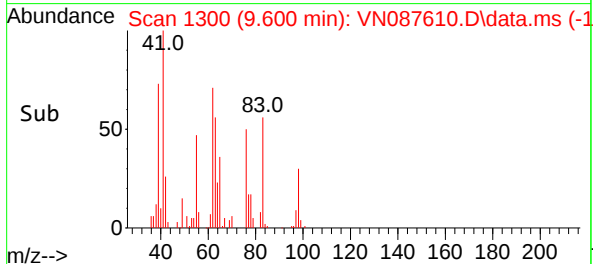
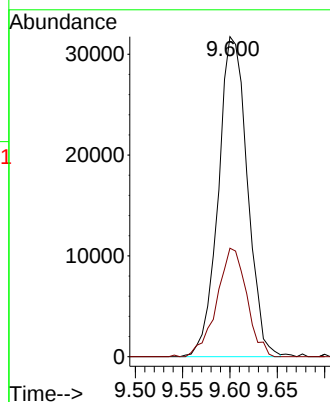
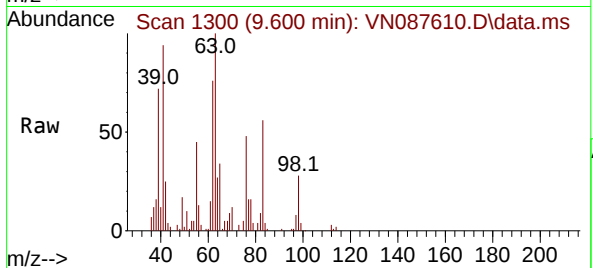




#39
1,2-Dichloropropane
Concen: 18.589 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

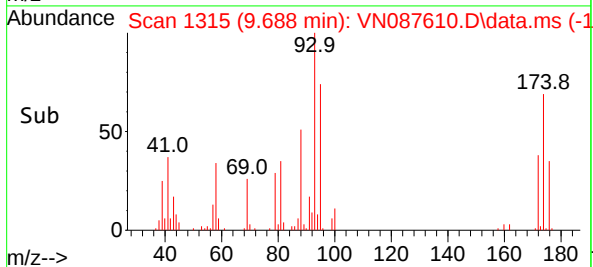
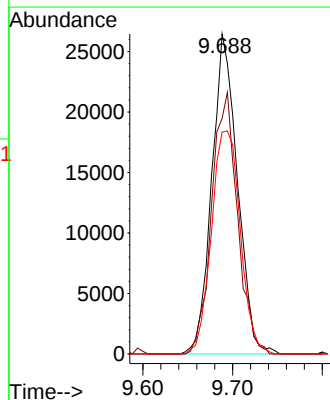
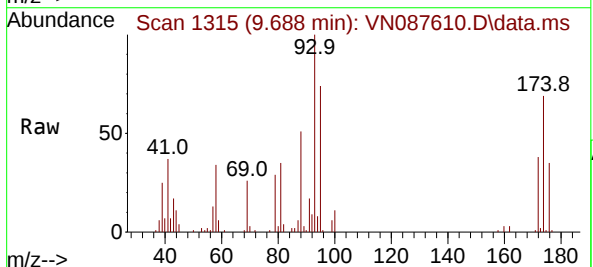
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

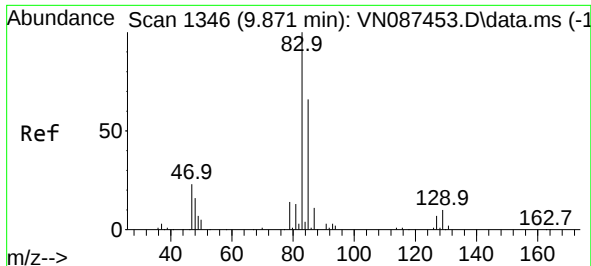
Tgt Ion: 63 Resp: 67672
Ion Ratio Lower Upper
63 100
65 33.9 24.6 36.8



#40
Dibromomethane
Concen: 19.192 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 93 Resp: 52422
Ion Ratio Lower Upper
93 100
95 82.2 0.0 161.6
174 78.5 0.0 151.4

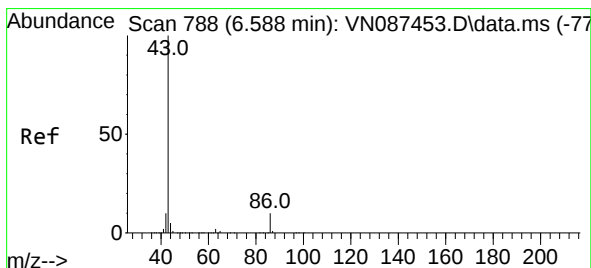
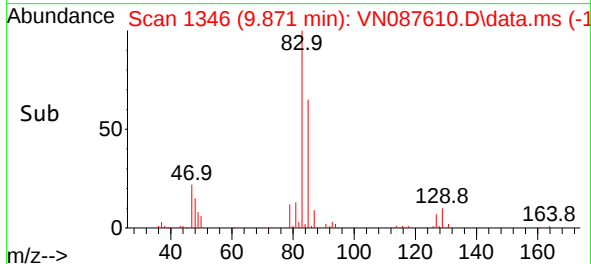
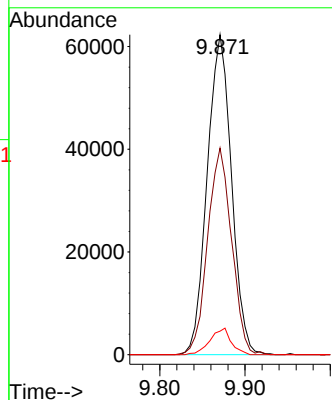
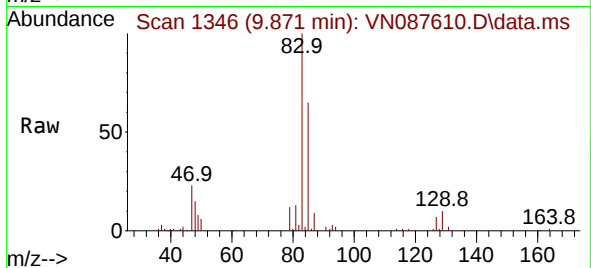




#41
Bromodichloromethane
Concen: 21.797 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

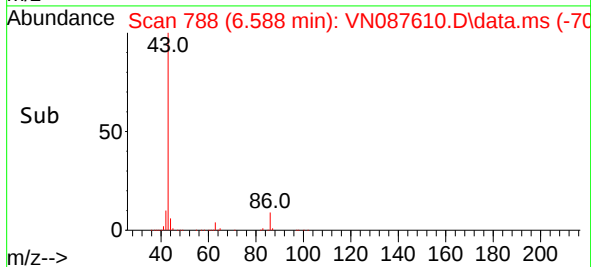
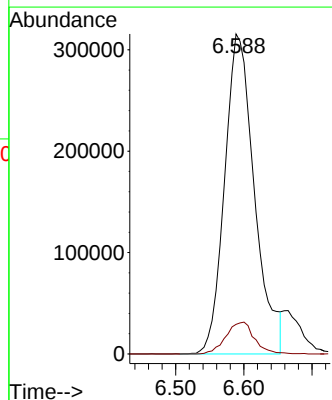
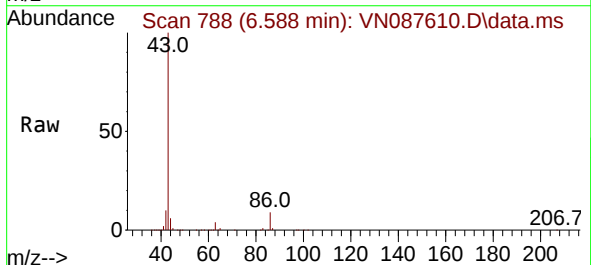
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

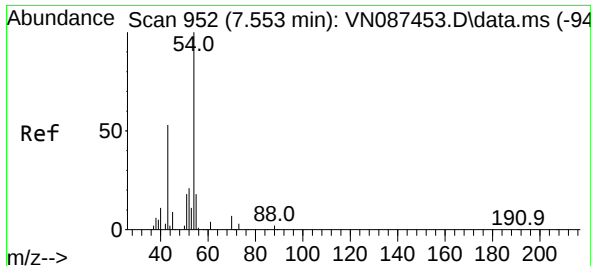
Tgt Ion: 83 Resp: 123714
Ion Ratio Lower Upper
83 100
85 64.5 52.9 79.3
127 7.3 5.8 8.6



#42
Vinyl Acetate
Concen: 87.936 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 43 Resp: 960141
Ion Ratio Lower Upper
43 100
86 9.5 7.3 10.9

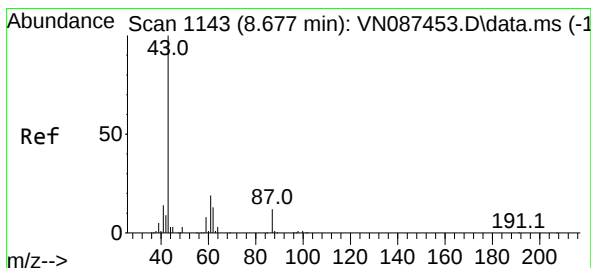
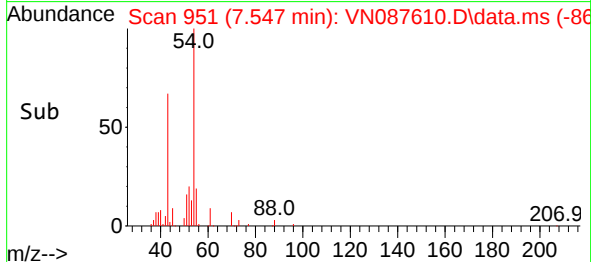
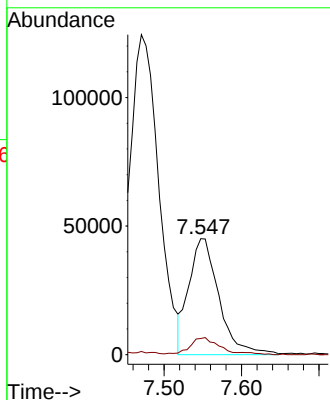
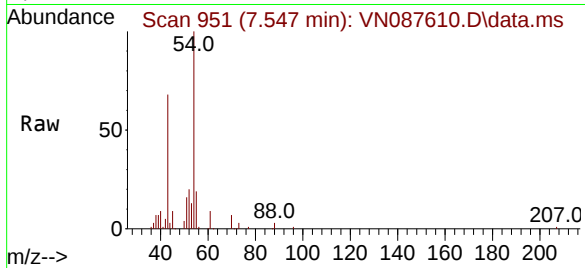




#43
Ethyl Acetate
Concen: 19.068 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

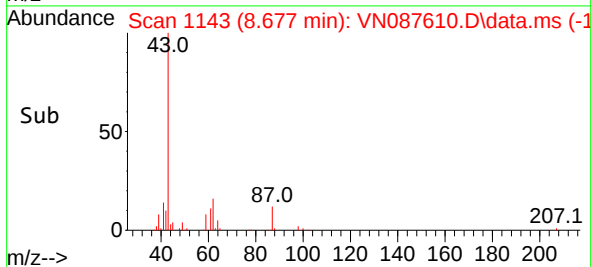
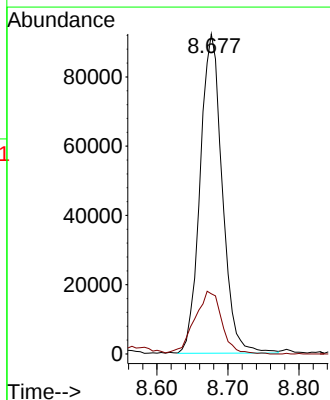
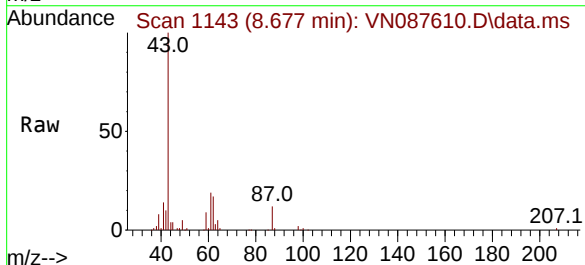
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

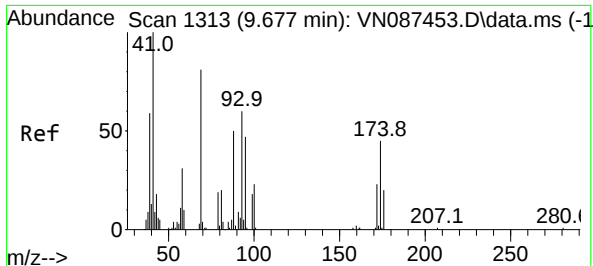
Tgt Ion: 43 Resp: 122132
Ion Ratio Lower Upper
43 100
45 13.3 11.1 16.7



#44
Isopropyl Acetate
Concen: 18.409 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 43 Resp: 199877
Ion Ratio Lower Upper
43 100
61 24.0 18.6 28.0

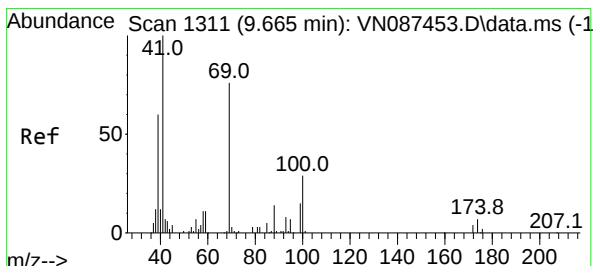
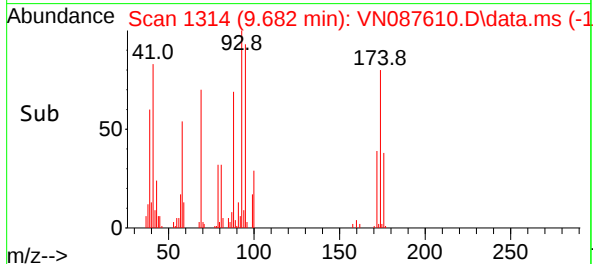
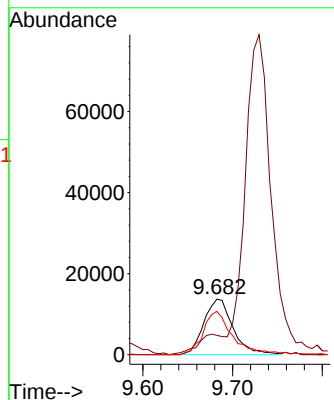
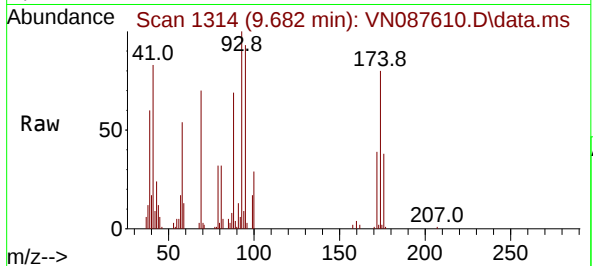




#45
1,4-Dioxane
Concen: 447.928 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

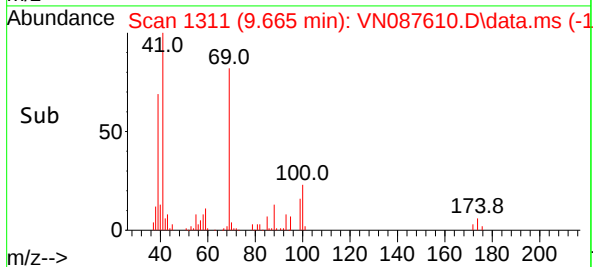
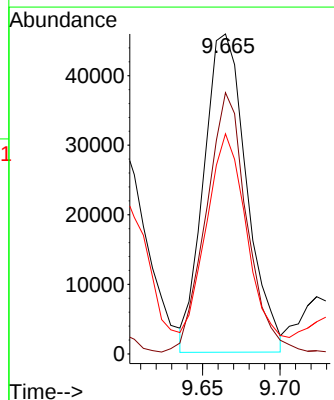
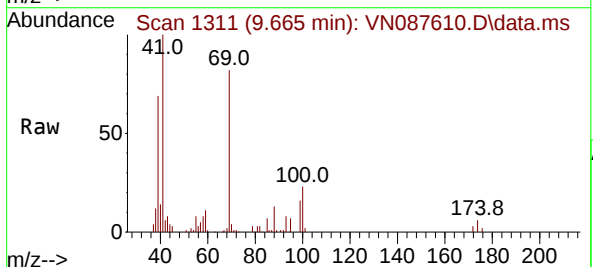
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

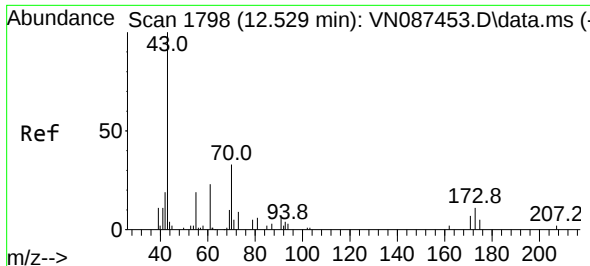
Tgt Ion: 88 Resp: 31004
Ion Ratio Lower Upper
88 100
43 36.2 24.1 36.1#
58 78.4 57.2 85.8



#46
Methyl methacrylate
Concen: 17.171 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 41 Resp: 88006
Ion Ratio Lower Upper
41 100
69 82.9 37.1 111.5
39 66.8 30.7 92.1

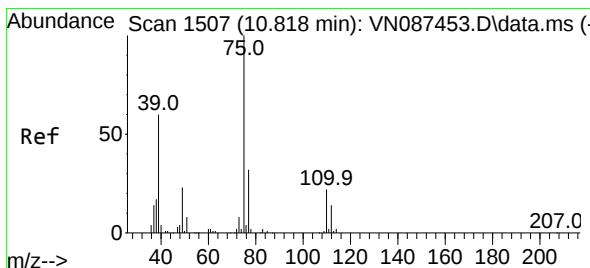
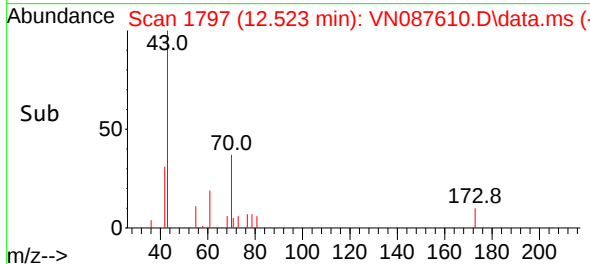
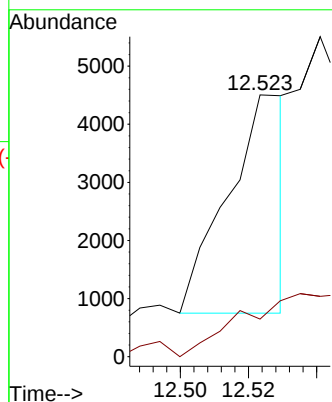
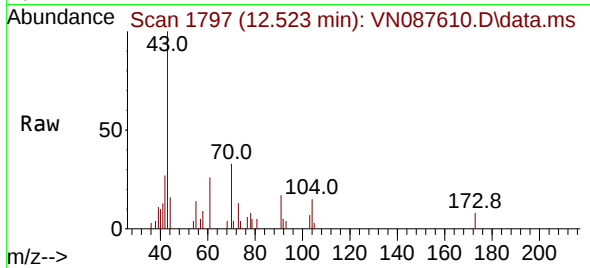




#47
n-amy1 Acetate
Concen: 0.750 ug/l
RT: 12.523 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

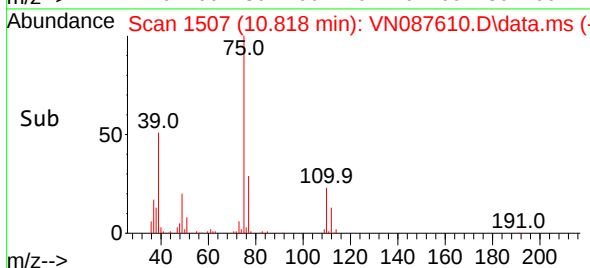
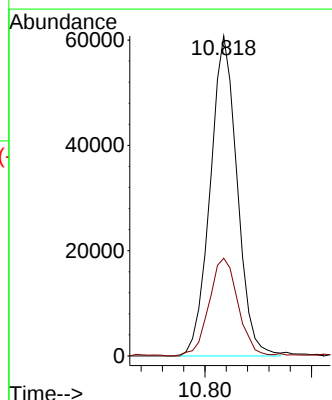
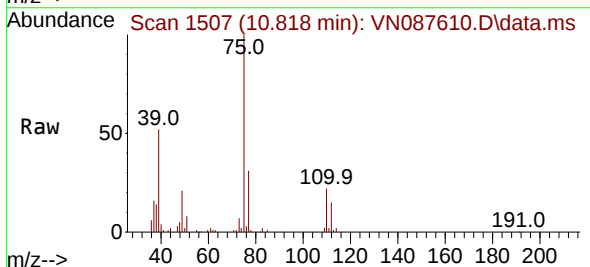
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion: 43 Resp: 4497
Ion Ratio Lower Upper
43 100
55 0.0 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 17.301 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 75 Resp: 106833
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9

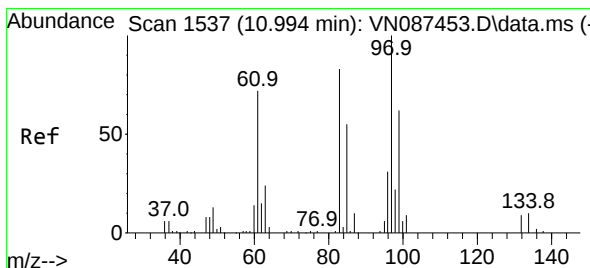
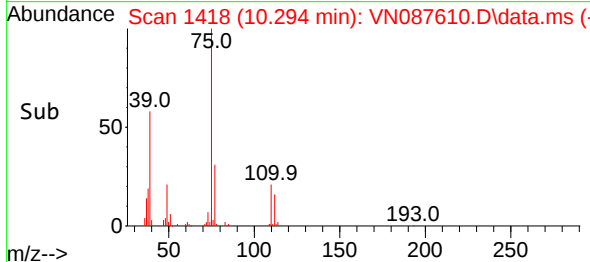
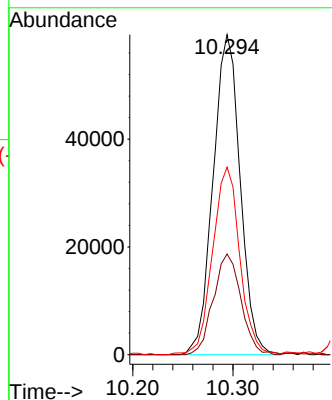
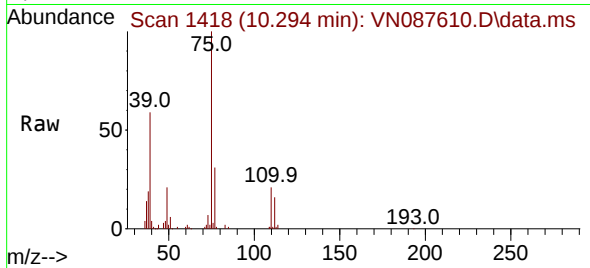




#49
 cis-1,3-Dichloropropene
 Concen: 17.937 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087610.D
 Acq: 20 Aug 2025 12:19

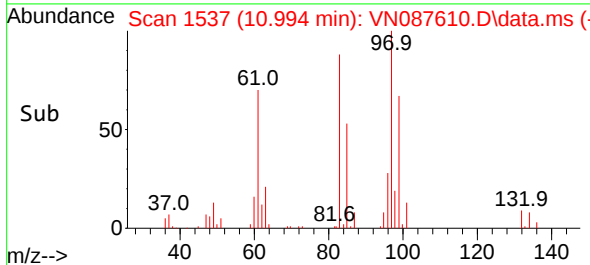
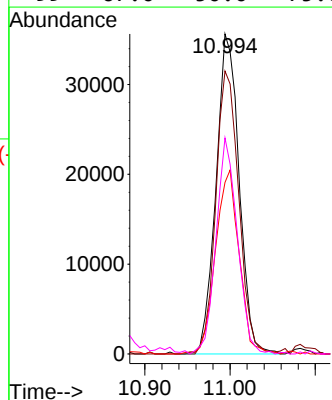
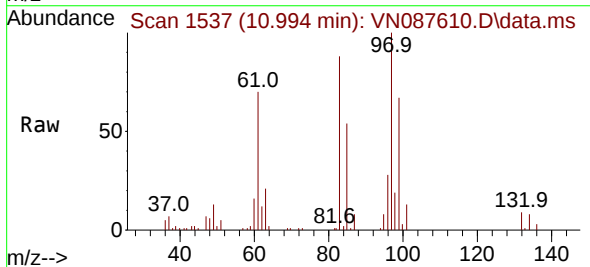
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MSD

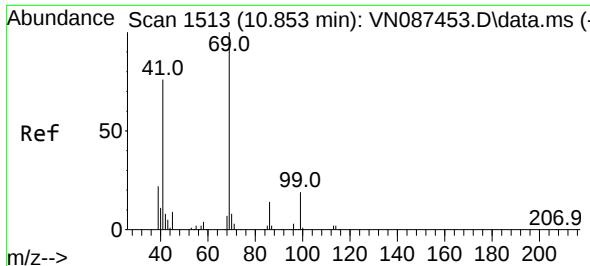
Tgt Ion: 75 Resp: 111466
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8
 39 58.3 51.5 77.3



#50
 1,1,2-Trichloroethane
 Concen: 19.470 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087610.D
 Acq: 20 Aug 2025 12:19

Tgt Ion: 97 Resp: 67190
 Ion Ratio Lower Upper
 97 100
 83 88.4 66.2 99.2
 85 53.6 43.9 65.9
 99 67.0 50.0 75.0

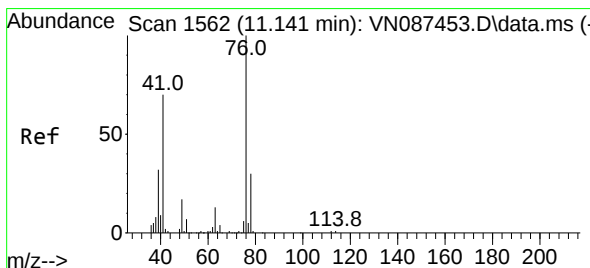
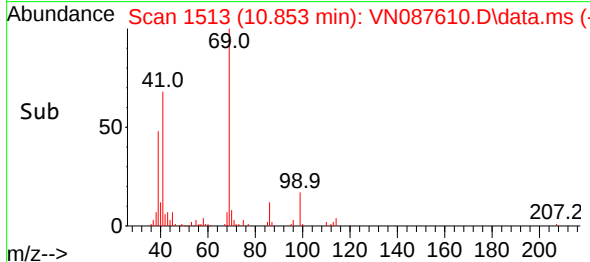
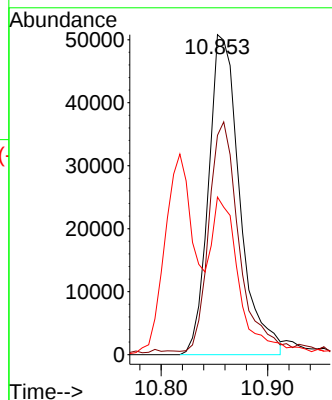
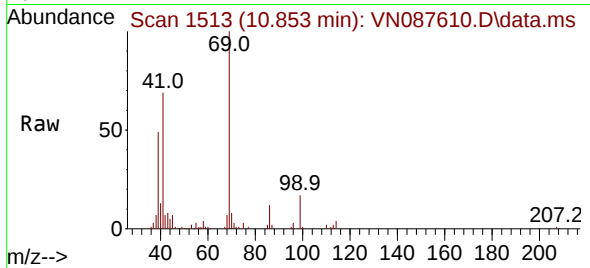




#51
Ethyl methacrylate
Concen: 17.039 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

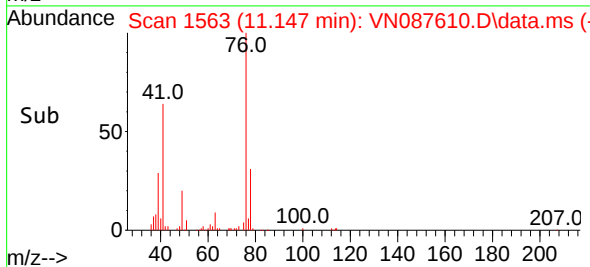
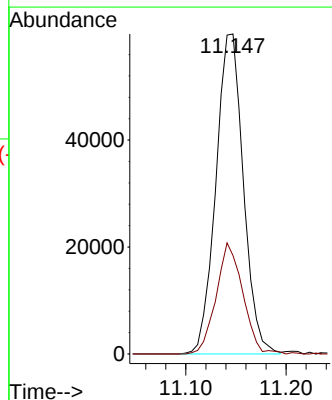
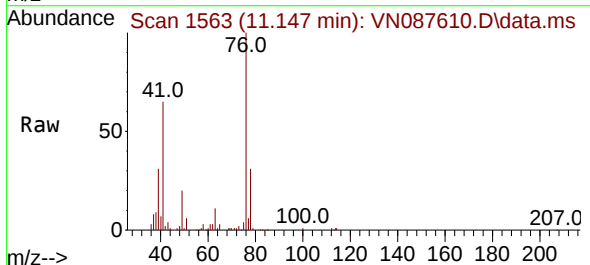
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

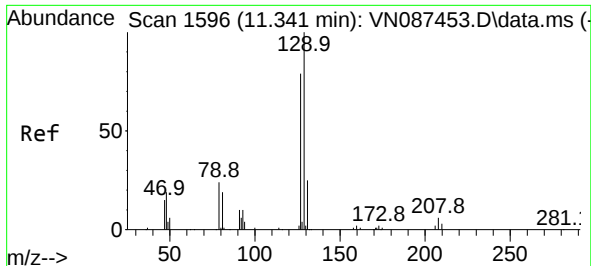
Tgt Ion: 69 Resp: 103557
Ion Ratio Lower Upper
69 100
41 67.5 38.0 114.1
39 45.7 23.2 69.5



#52
1,3-Dichloropropane
Concen: 18.324 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 76 Resp: 113929
Ion Ratio Lower Upper
76 100
78 33.0 0.0 63.0

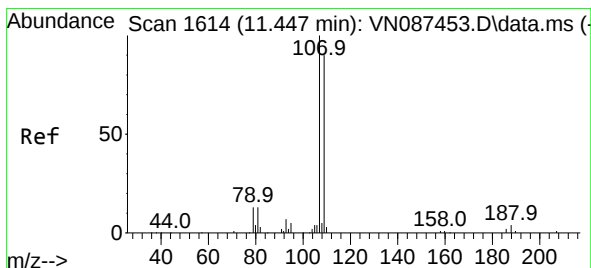
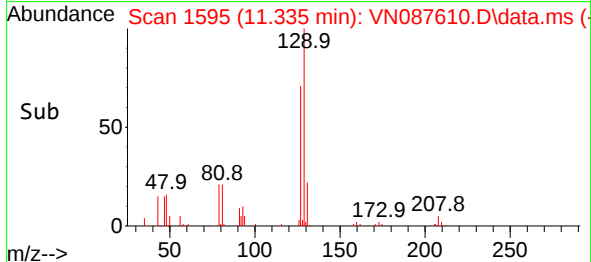
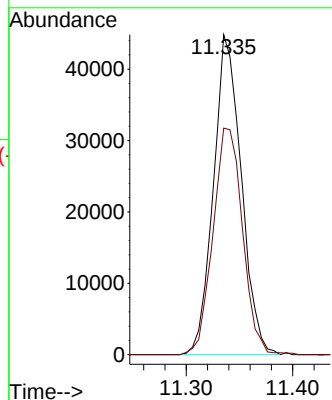
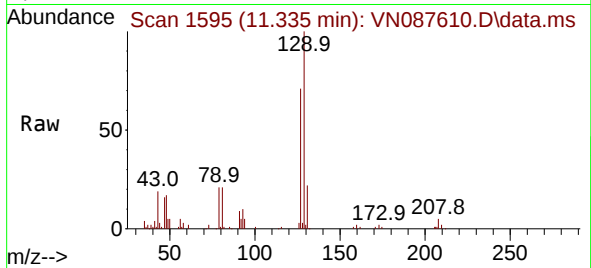




#53
Dibromochloromethane
Concen: 20.395 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

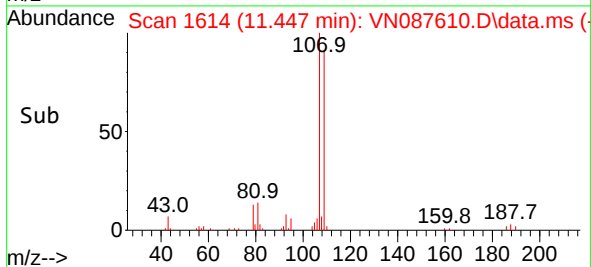
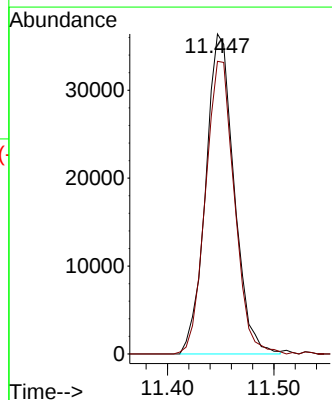
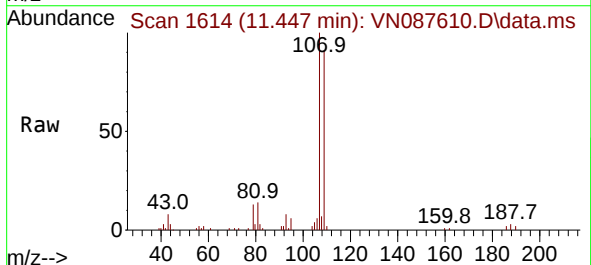
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

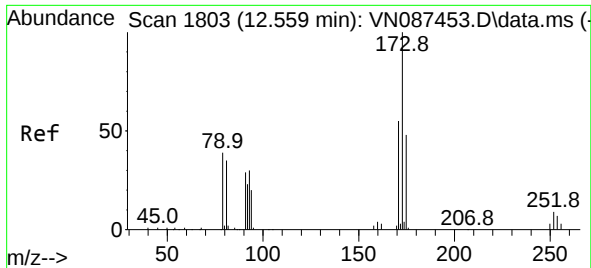
Tgt Ion:129 Resp: 81285
Ion Ratio Lower Upper
129 100
127 75.0 39.1 117.3



#54
1,2-Dibromoethane
Concen: 18.409 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:107 Resp: 67440
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.4

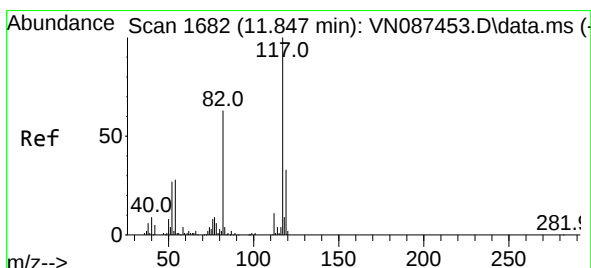
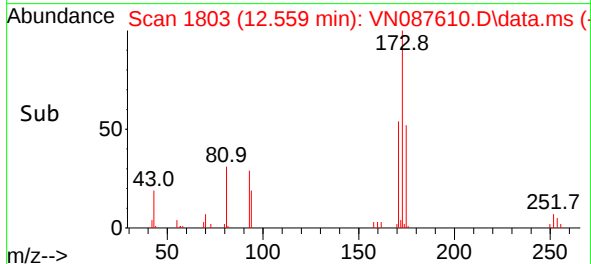
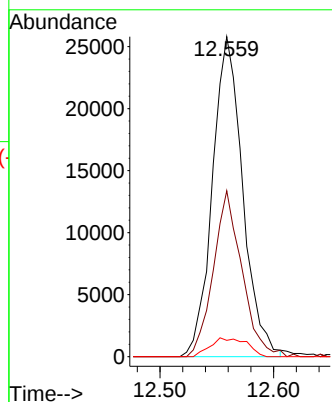
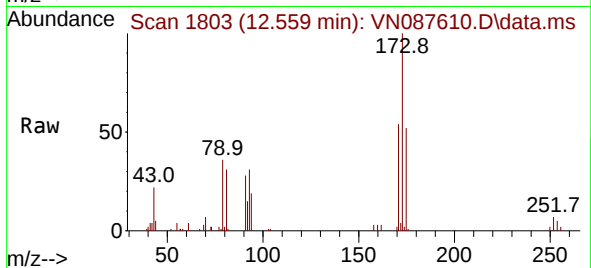




#56
Bromoform
Concen: 18.117 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

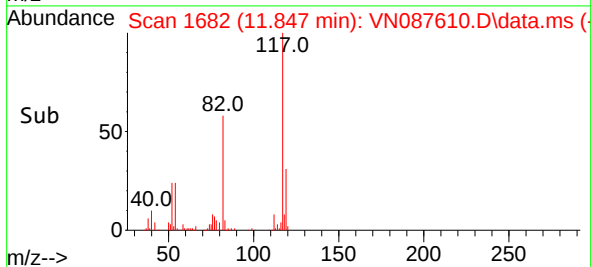
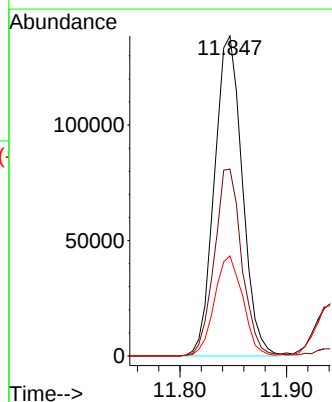
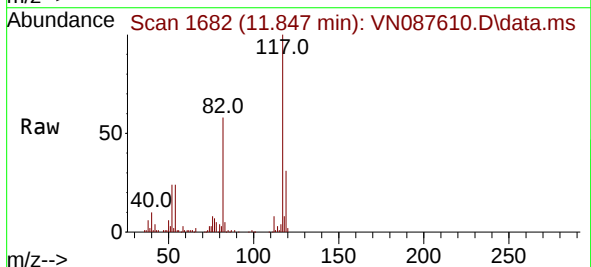
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

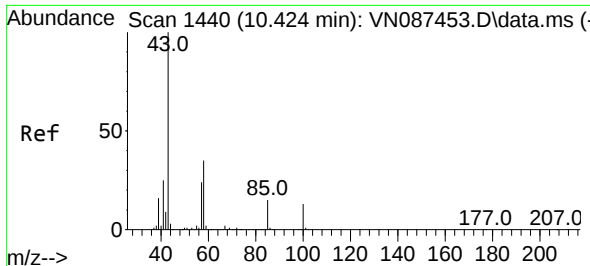
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.8	58.2
254	7.1	3.9	5.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.7	49.2	73.8
119	31.7	25.7	38.5

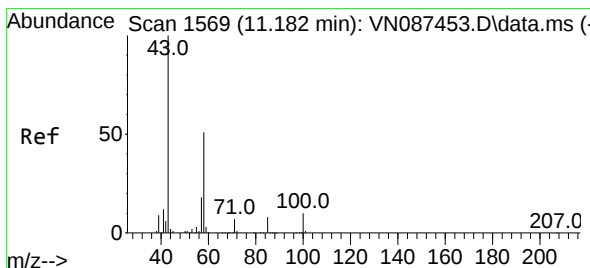
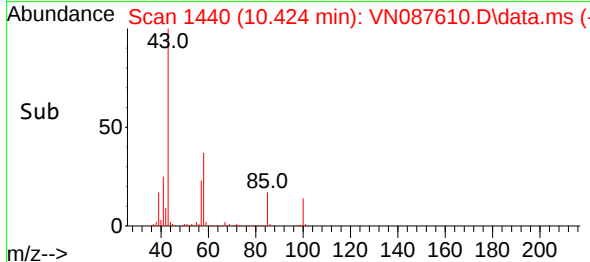
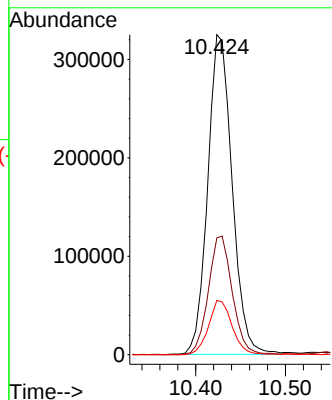
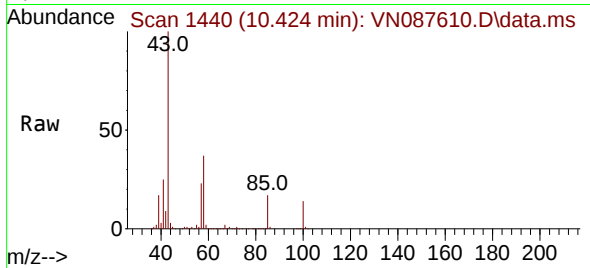




#58
4-Methyl-2-Pentanone
Concen: 94.633 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

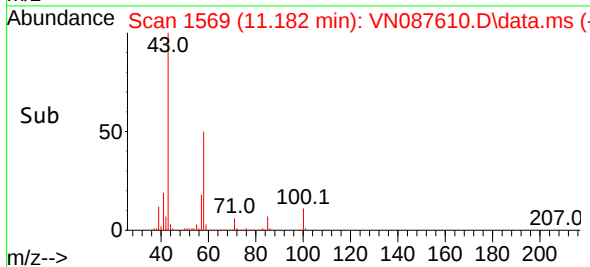
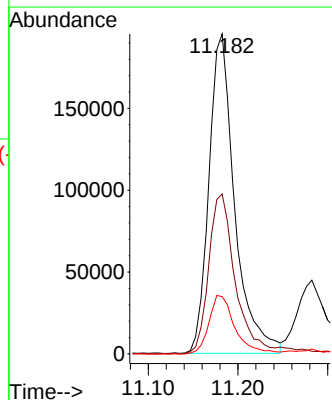
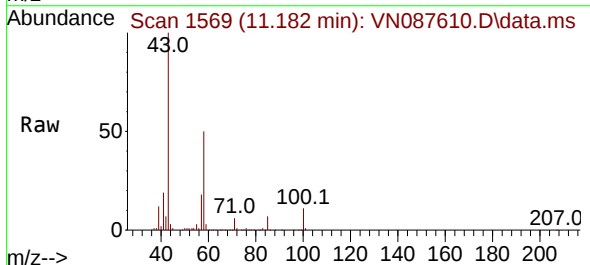
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

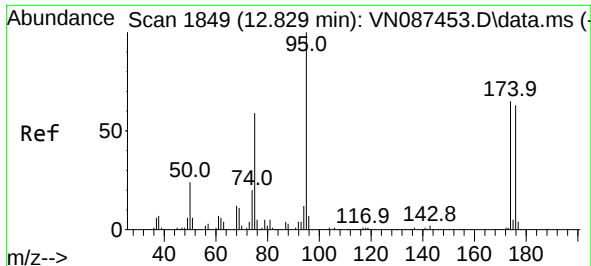
Tgt Ion:	43	Resp:	613509
Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.0	43.6
85	16.4	12.7	19.1



#59
2-Hexanone
Concen: 88.294 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:	43	Resp:	388929
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.0	61.6
57	18.6	14.6	21.8

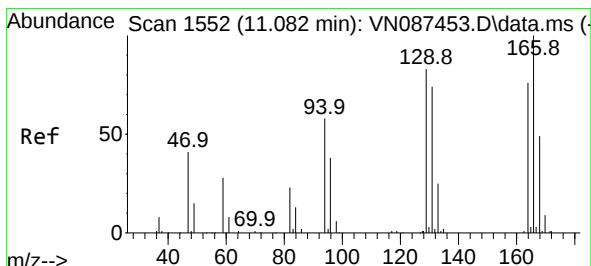
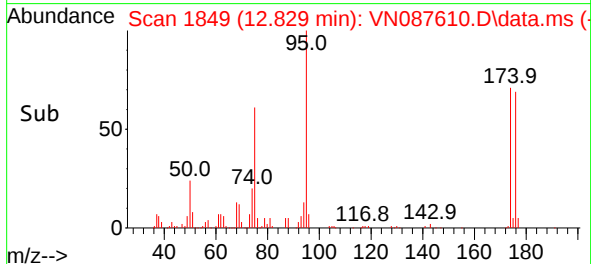
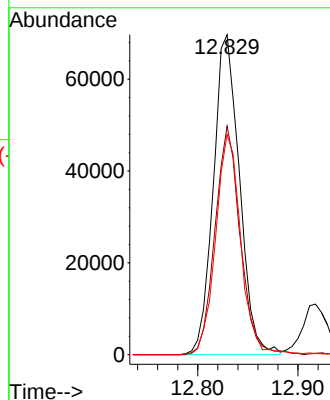
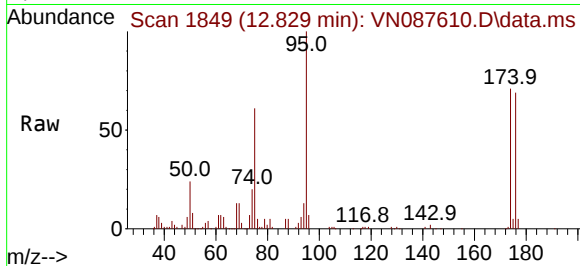




#60
4-Bromofluorobenzene
Concen: 29.096 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

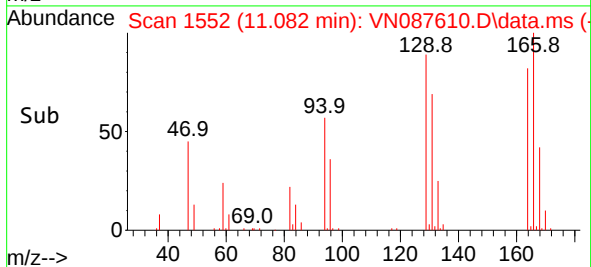
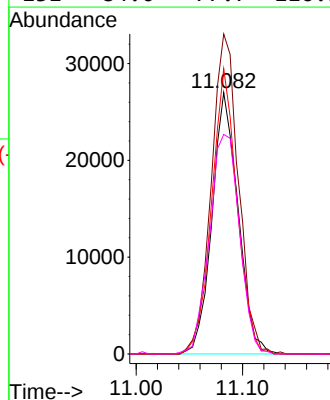
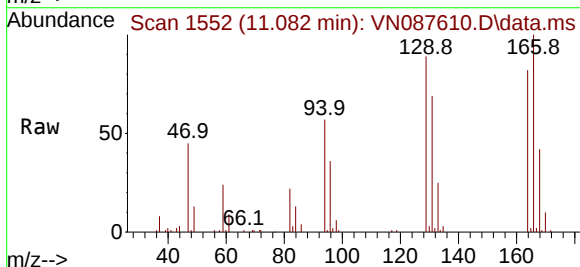
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

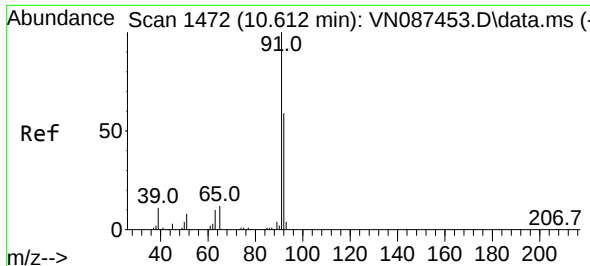
Tgt Ion: 95 Resp: 126193
Ion Ratio Lower Upper
95 100
174 68.8 52.3 78.5
176 65.1 49.8 74.8



#61
Tetrachloroethene
Concen: 18.657 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:164 Resp: 45807
Ion Ratio Lower Upper
164 100
166 122.4 105.4 158.0
129 109.1 87.7 131.5
131 84.0 77.7 116.5

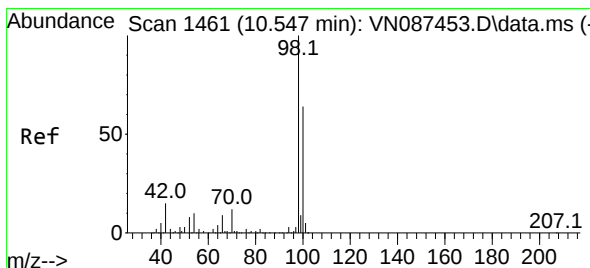
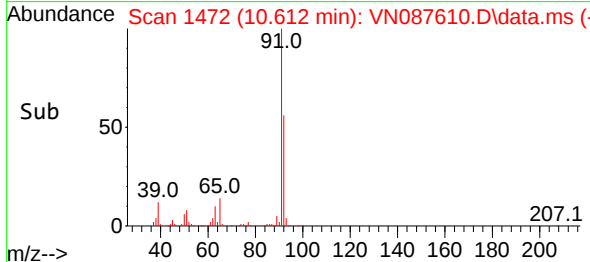
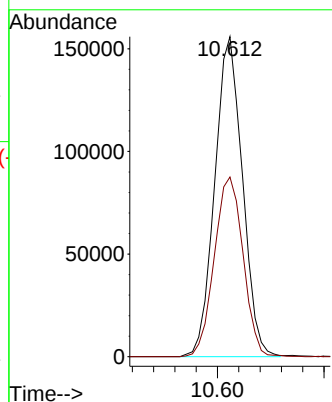
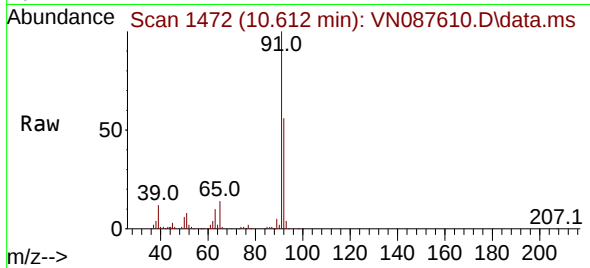




#62
Toluene
Concen: 18.072 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

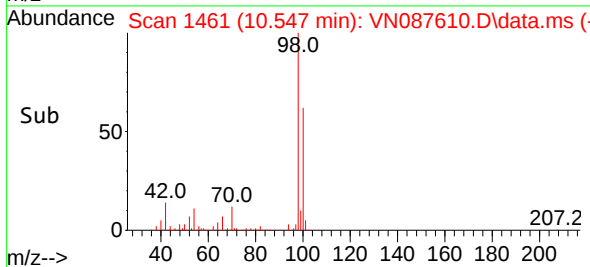
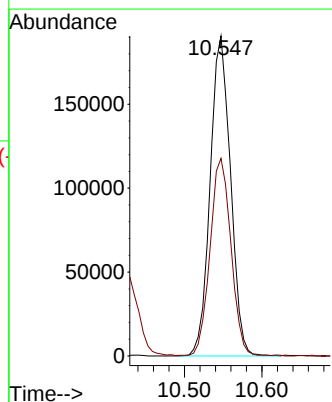
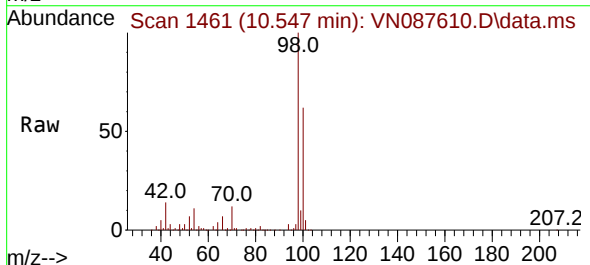
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

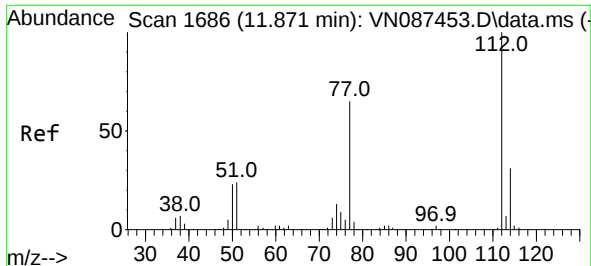
Tgt Ion: 91 Resp: 281103
Ion Ratio Lower Upper
91 100
92 58.3 45.8 68.6



#63
Toluene-d8
Concen: 29.958 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 98 Resp: 347386
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7

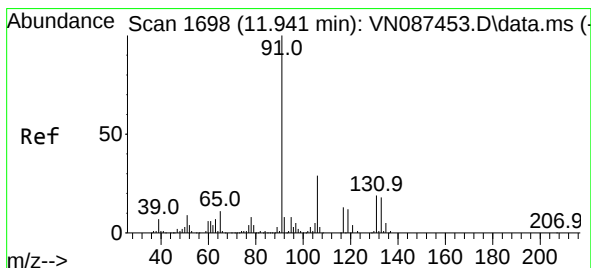
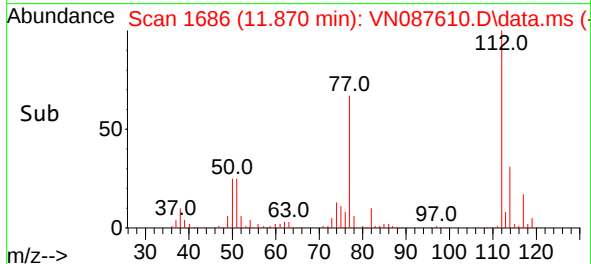
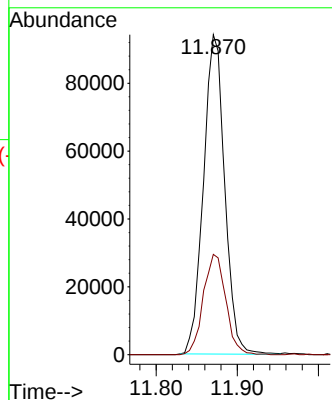
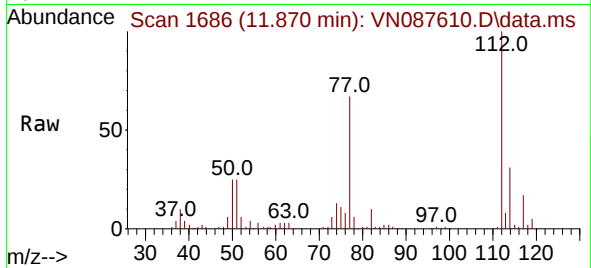




#64
Chlorobenzene
Concen: 17.878 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

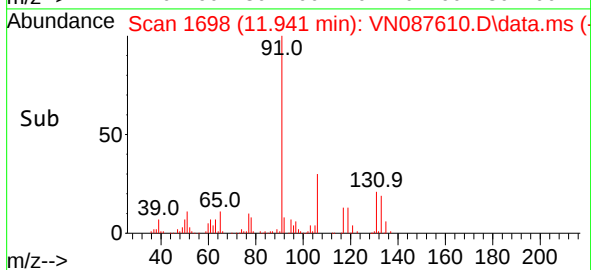
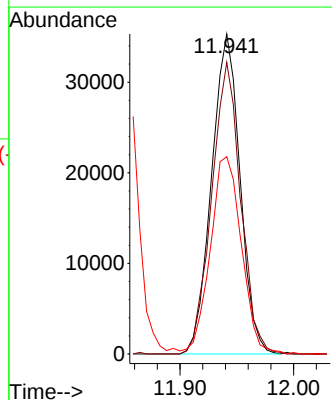
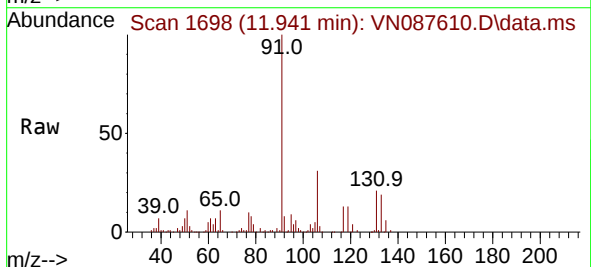
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

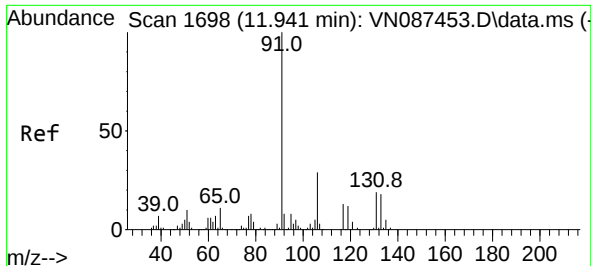
Tgt Ion:112 Resp: 170870
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1



#65
1,1,1,2-Tetrachloroethane
Concen: 18.288 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:131 Resp: 61453
Ion Ratio Lower Upper
131 100
133 93.0 0.0 189.8
119 67.4 0.0 133.2

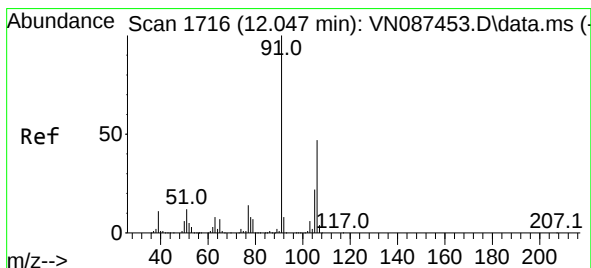
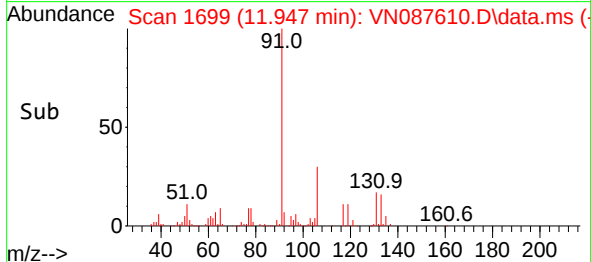
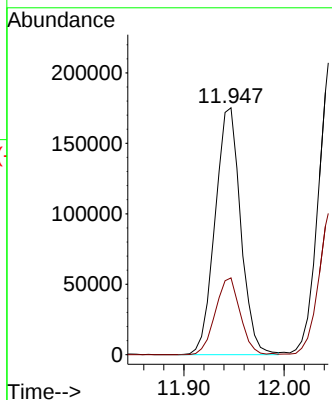
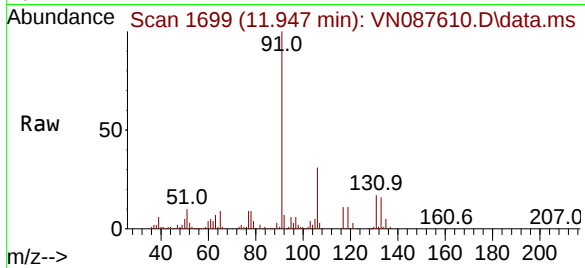




#66
Ethyl Benzene
Concen: 17.910 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

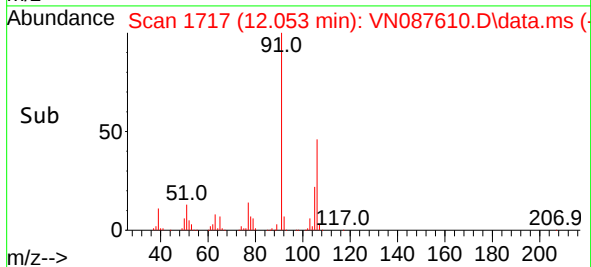
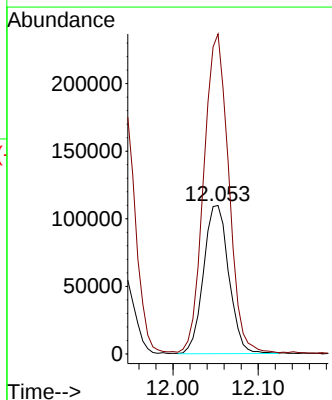
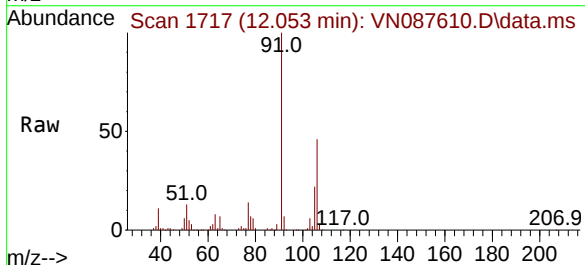
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

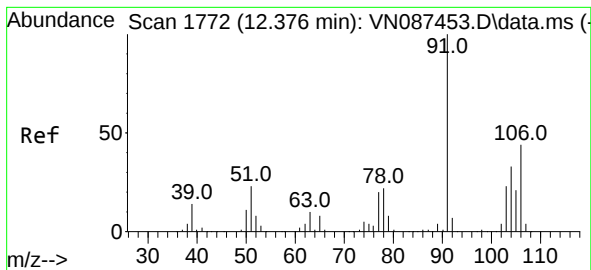
Tgt Ion: 91 Resp: 310502
Ion Ratio Lower Upper
91 100
106 31.1 22.9 34.3



#67
m/p-Xylenes
Concen: 35.476 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 106 Resp: 225758
Ion Ratio Lower Upper
106 100
91 214.1 174.2 261.2

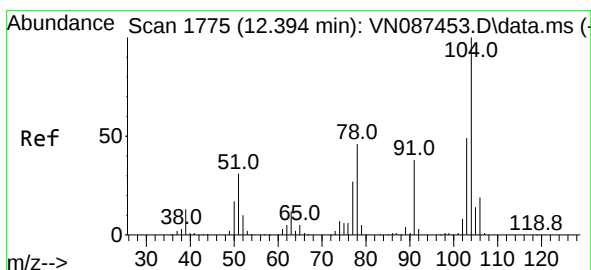
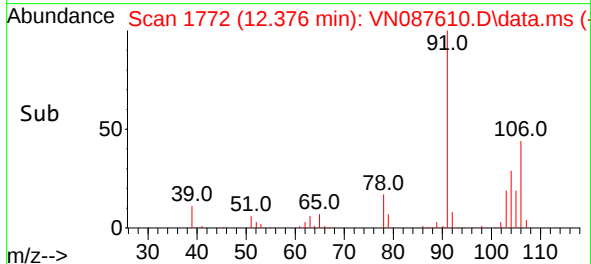
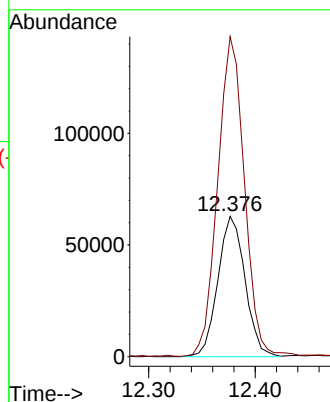
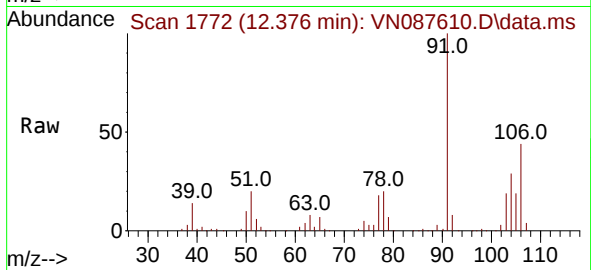




#68
o-Xylene
Concen: 17.739 ug/l
RT: 12.376 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

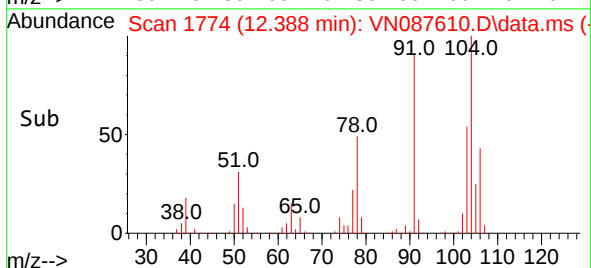
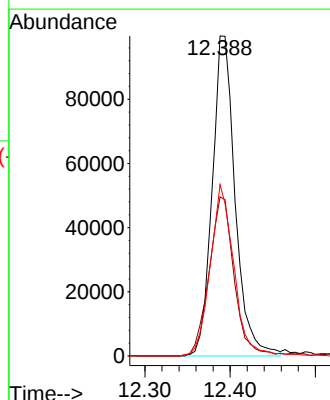
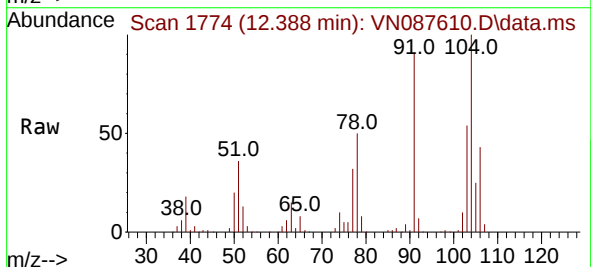
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

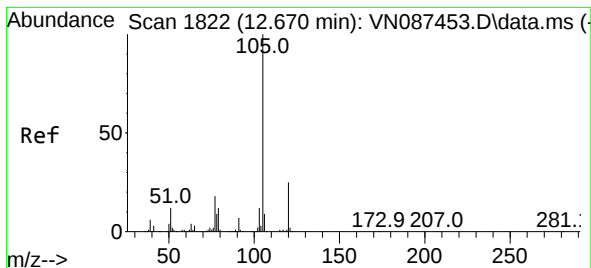
Tgt Ion:106 Resp: 111055
Ion Ratio Lower Upper
106 100
91 223.3 114.5 343.5



#69
Styrene
Concen: 17.503 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:104 Resp: 187109
Ion Ratio Lower Upper
104 100
78 53.6 43.8 65.8
103 55.1 43.1 64.7





#70

Isopropylbenzene

Concen: 17.865 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

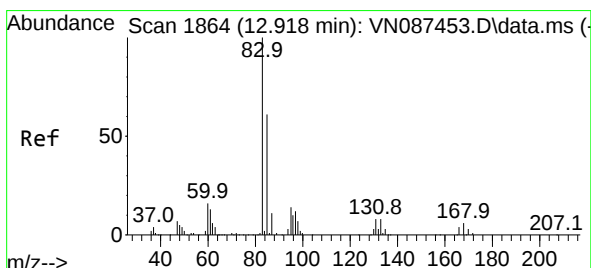
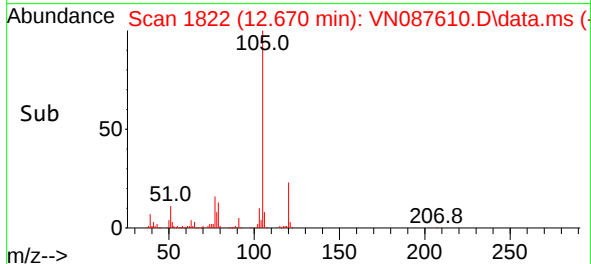
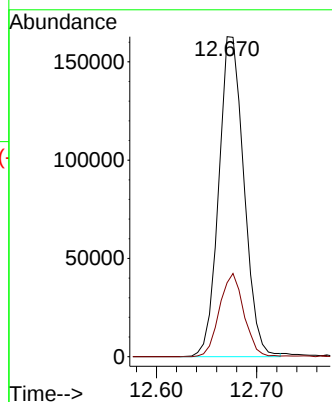
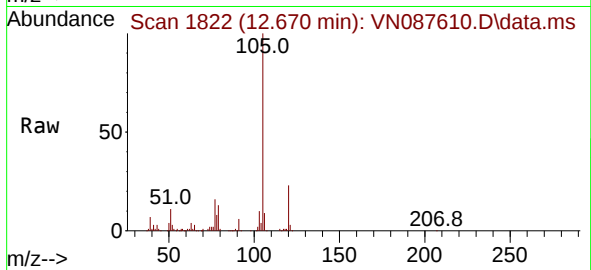
OUTFALL-DSN-001MSD

Tgt Ion:105 Resp: 284147

Ion Ratio Lower Upper

105 100

120 25.2 17.5 32.5



#71

1,1,2,2-Tetrachloroethane

Concen: 19.325 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

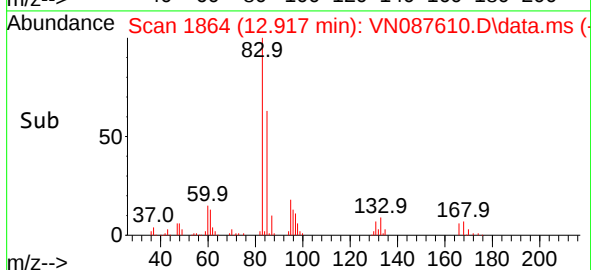
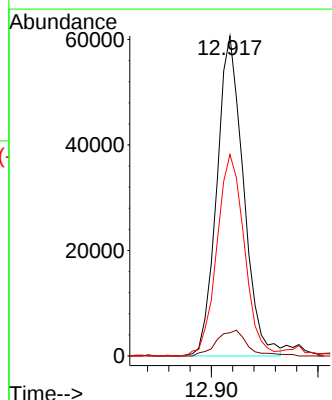
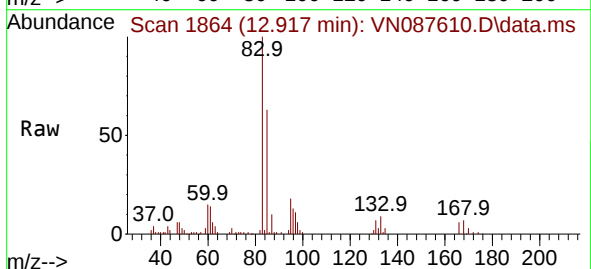
Tgt Ion: 83 Resp: 105317

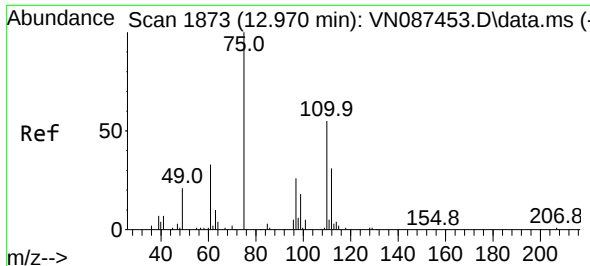
Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

85 64.9 31.7 95.1

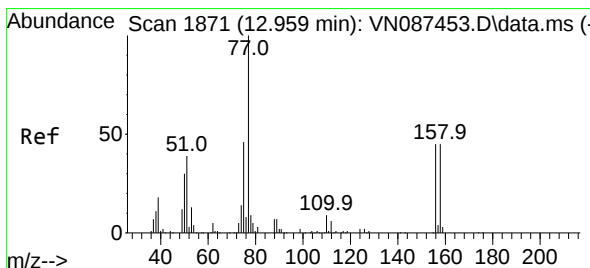
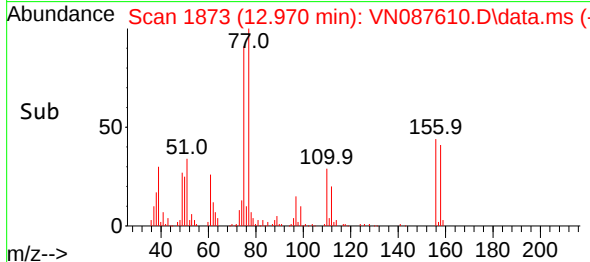
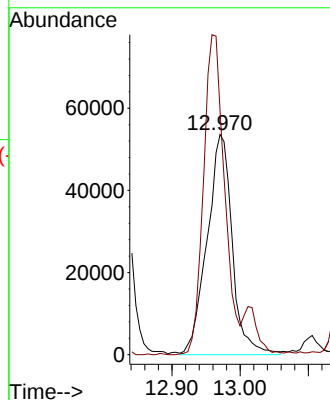
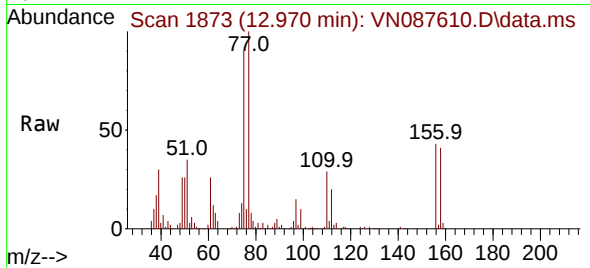




#72
1,2,3-Trichloropropane
Concen: 27.090 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

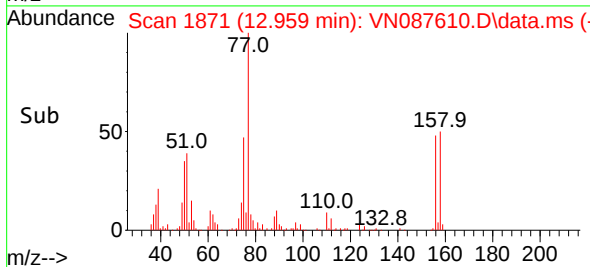
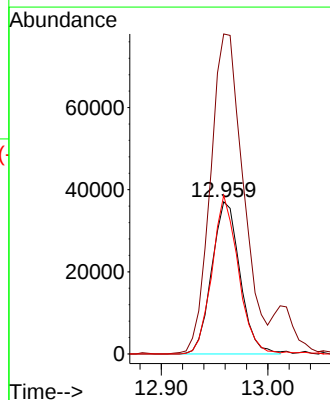
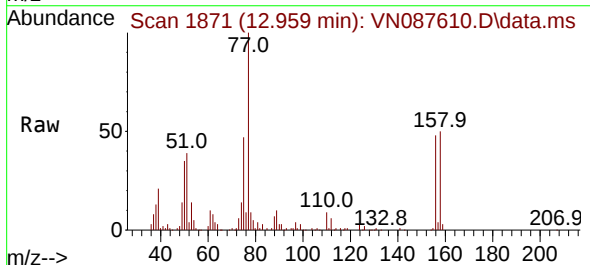
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

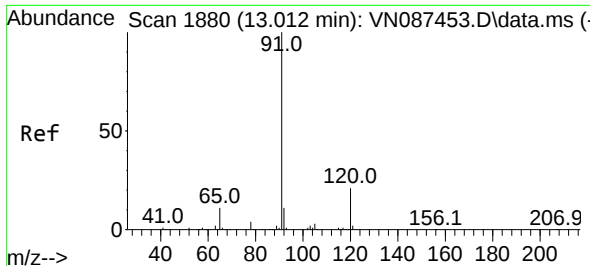
Tgt Ion: 75 Resp: 137535
Ion Ratio Lower Upper
75 100
77 121.3 0.0 385.0



#73
Bromobenzene
Concen: 18.449 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:156 Resp: 68024
Ion Ratio Lower Upper
156 100
77 245.3 0.0 506.6
158 97.0 0.0 193.6

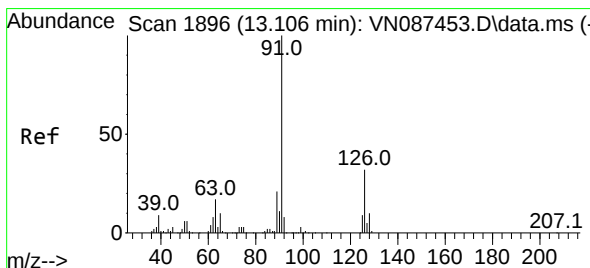
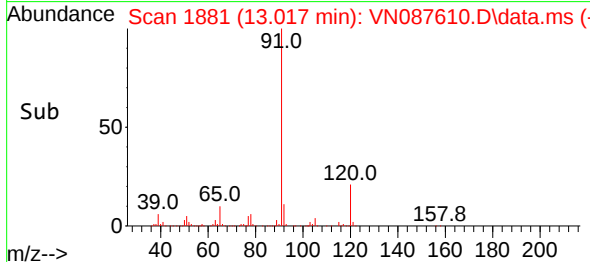
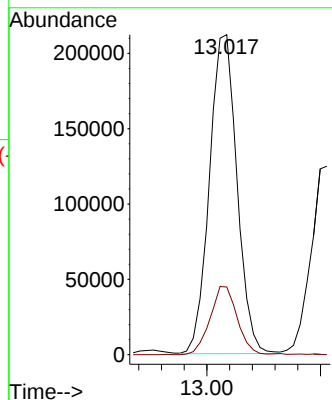
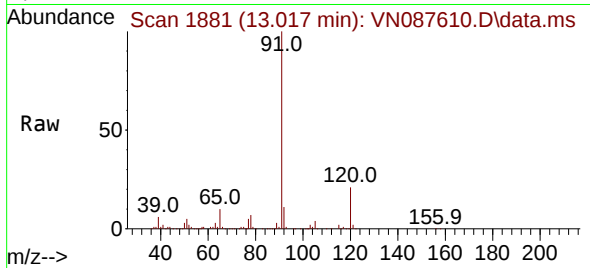




#74
n-propylbenzene
Concen: 17.990 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

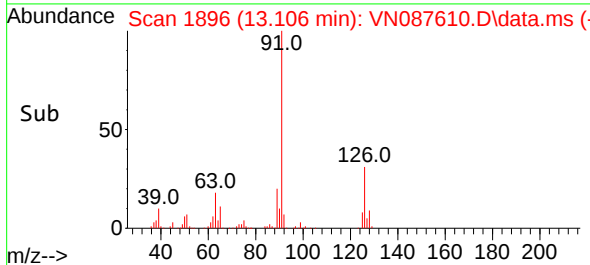
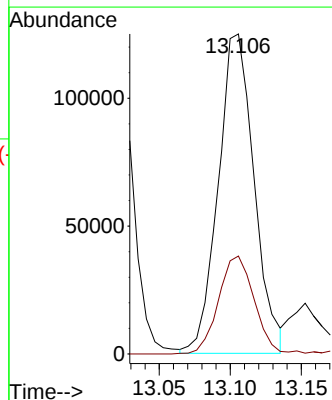
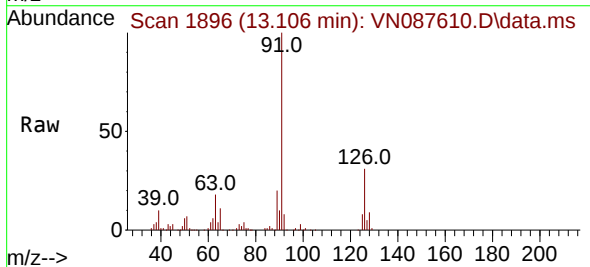
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

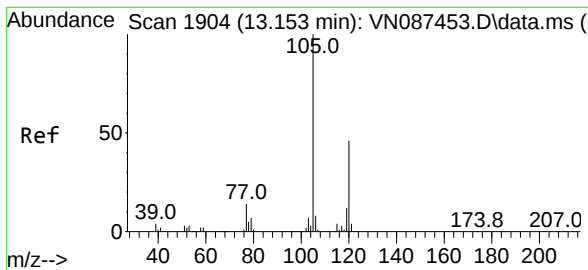
Tgt Ion: 91 Resp: 357358
Ion Ratio Lower Upper
91 100
120 21.0 0.0 41.8



#75
2-Chlorotoluene
Concen: 17.974 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 91 Resp: 219624
Ion Ratio Lower Upper
91 100
126 30.3 0.0 60.4

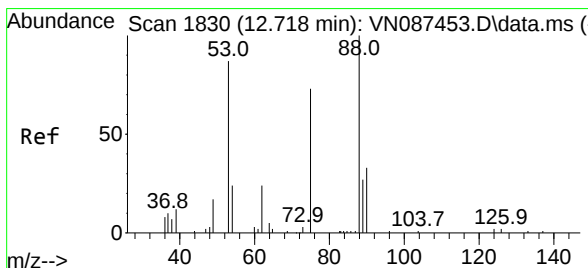
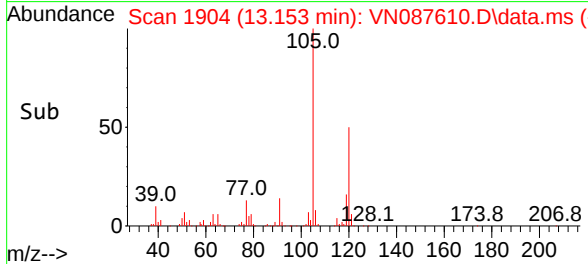
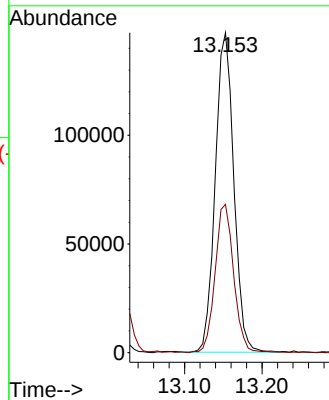
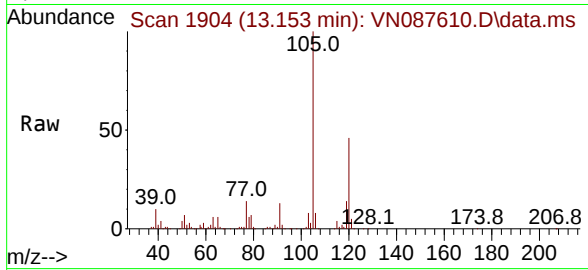




#76
1,3,5-Trimethylbenzene
Concen: 17.922 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

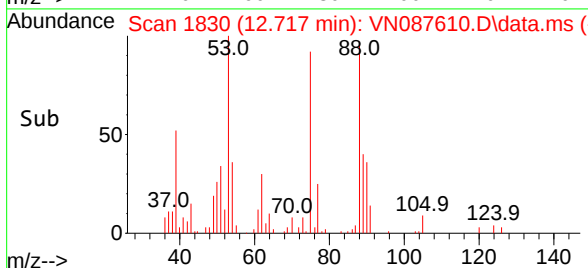
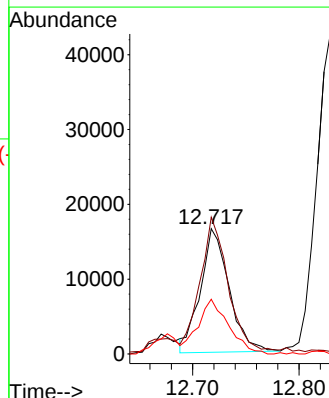
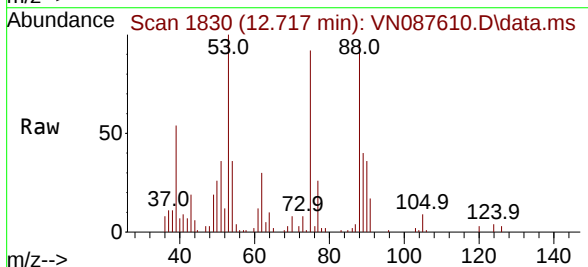
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MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

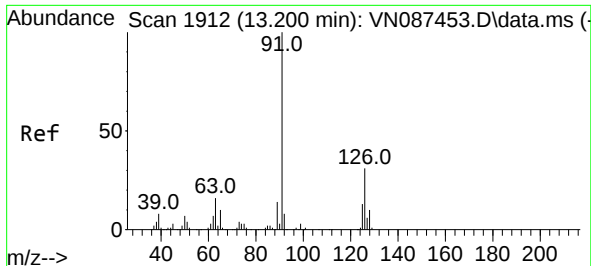
Tgt Ion:105 Resp: 244079
Ion Ratio Lower Upper
105 100
120 46.8 0.0 91.2



#77
t-1,4-Dichloro-2-butene
Concen: 16.070 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 75 Resp: 30885
Ion Ratio Lower Upper
75 100
53 108.4 59.0 176.8
89 43.6 22.1 66.5

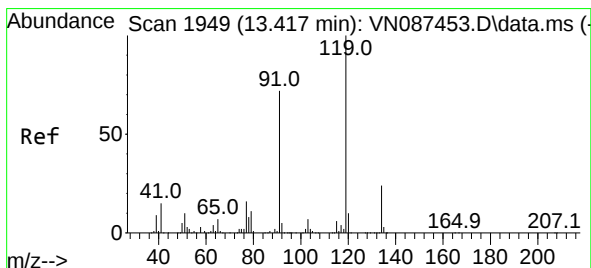
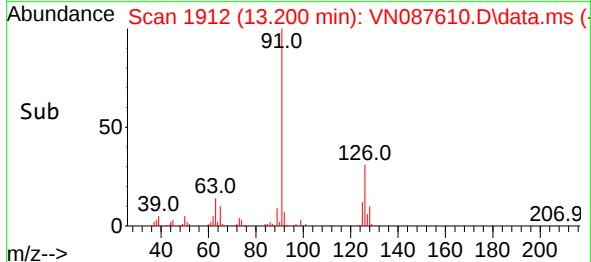
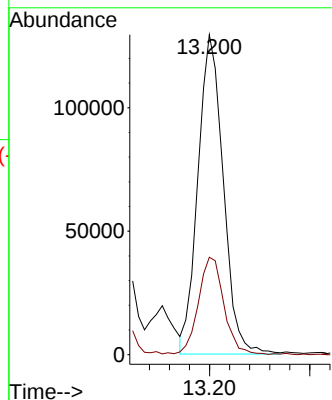
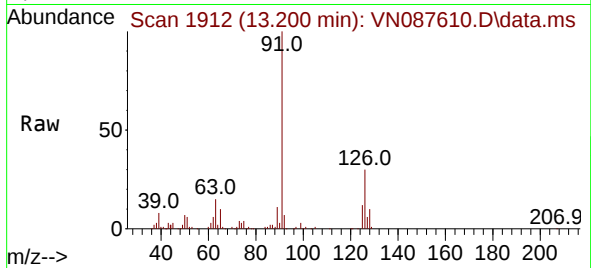




#78
4-Chlorotoluene
Concen: 18.350 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

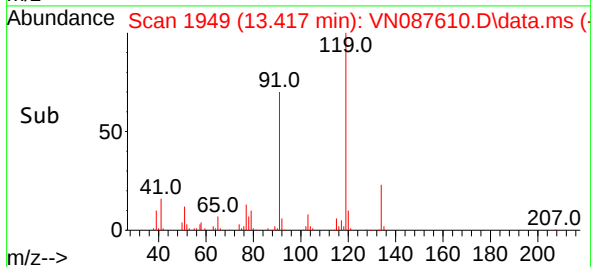
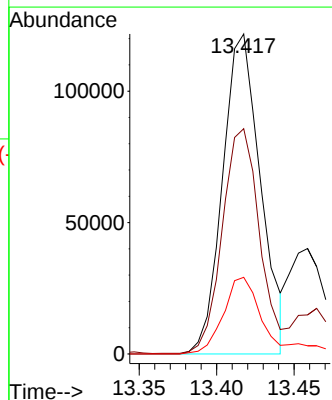
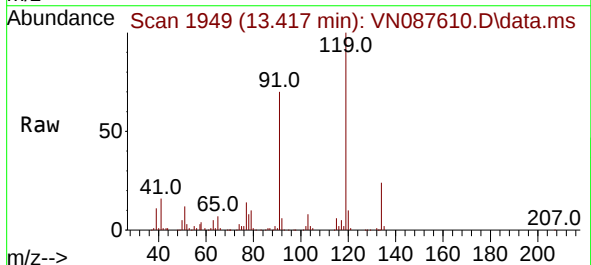
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

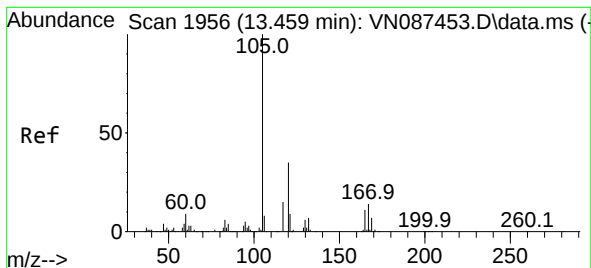
Tgt Ion: 91 Resp: 227224
Ion Ratio Lower Upper
91 100
126 30.7 0.0 63.2



#79
tert-butylbenzene
Concen: 18.060 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 119 Resp: 207371
Ion Ratio Lower Upper
119 100
91 68.4 0.0 141.6
134 22.8 0.0 45.6





#80

1,2,4-Trimethylbenzene

Concen: 17.935 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

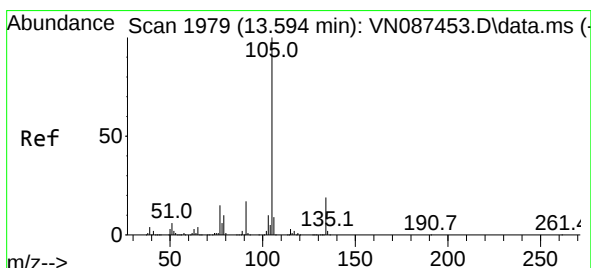
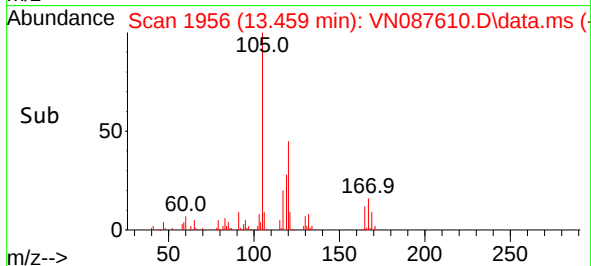
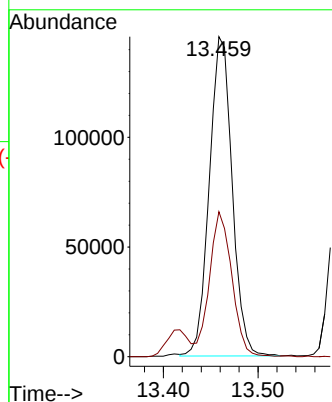
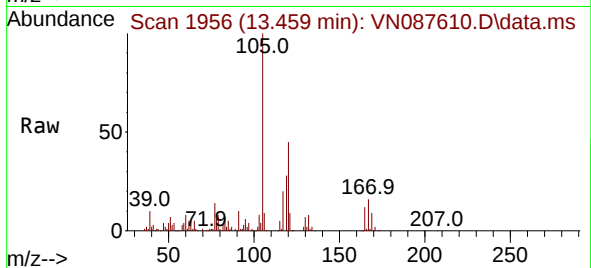
OUTFALL-DSN-001MSD

Tgt Ion:105 Resp: 244067

Ion Ratio Lower Upper

105 100

120 44.4 0.0 87.2



#81

sec-Butylbenzene

Concen: 18.203 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087610.D

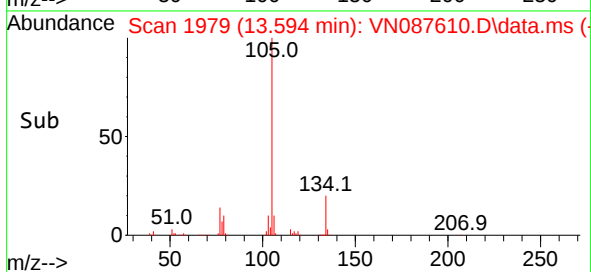
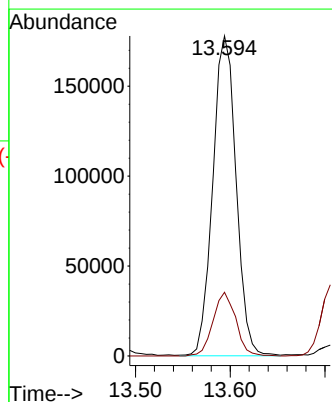
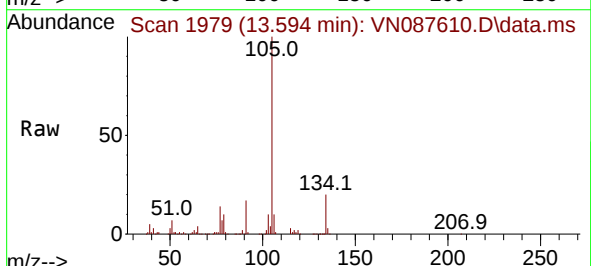
Acq: 20 Aug 2025 12:19

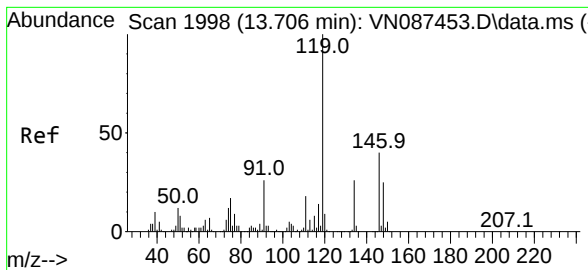
Tgt Ion:105 Resp: 304284

Ion Ratio Lower Upper

105 100

134 19.4 0.0 37.6

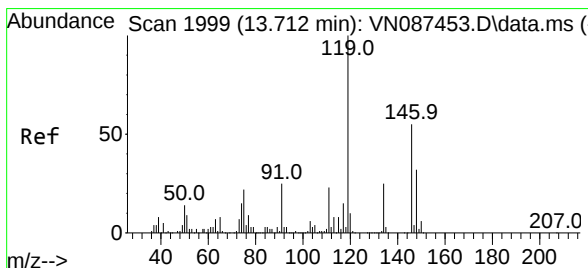
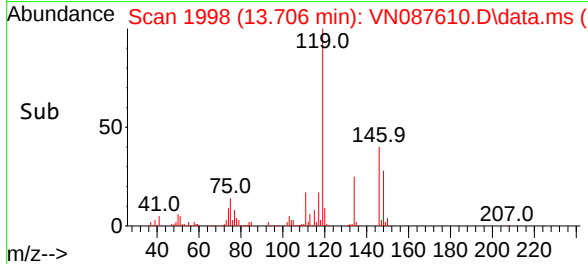
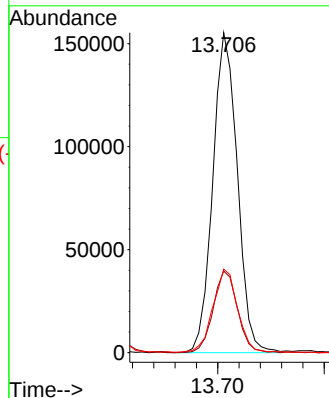
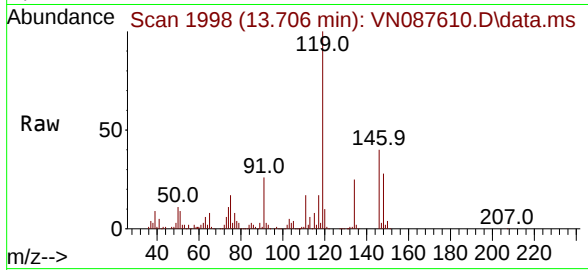




#82
p-Isopropyltoluene
Concen: 17.882 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

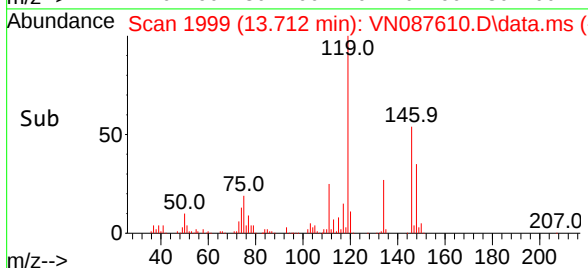
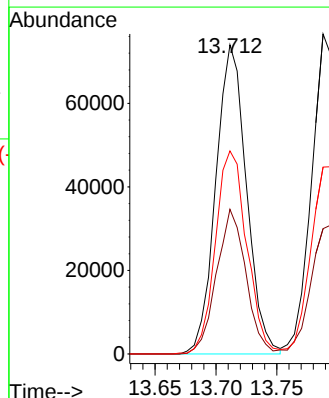
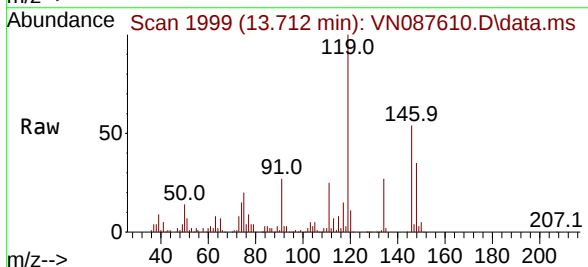
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

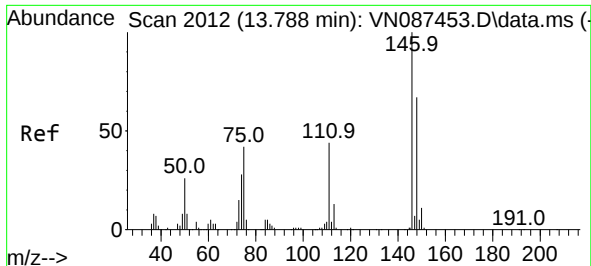
Tgt Ion:119 Resp: 248191
Ion Ratio Lower Upper
119 100
134 25.3 0.0 51.4
91 25.7 0.0 52.0



#83
1,3-Dichlorobenzene
Concen: 18.460 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:146 Resp: 129613
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 67.2 31.3 93.9

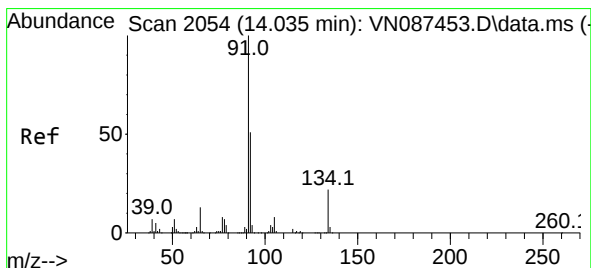
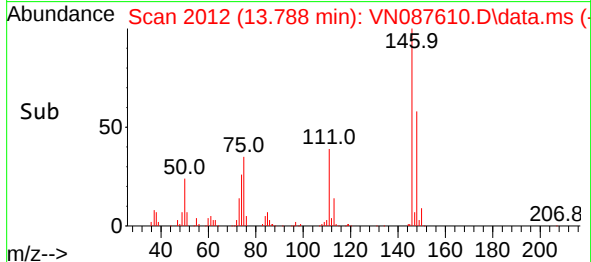
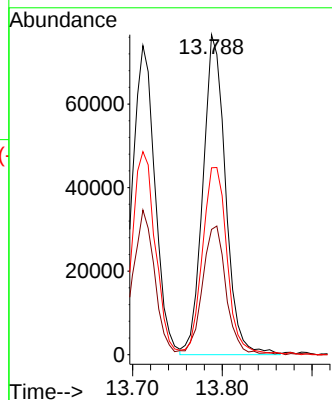
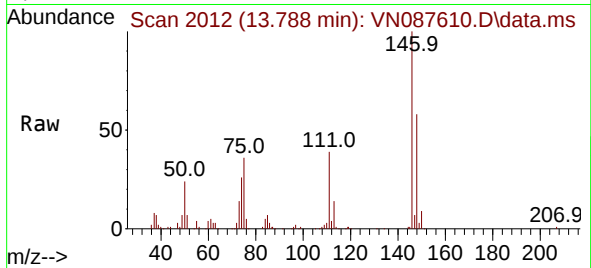




#84
1,4-Dichlorobenzene
Concen: 18.839 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

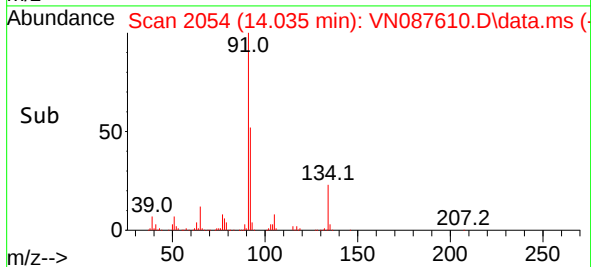
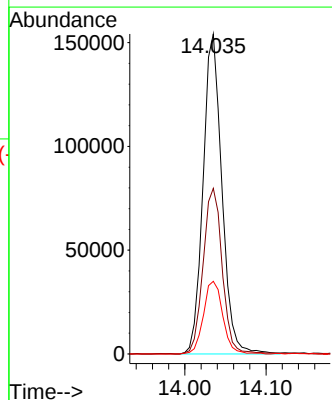
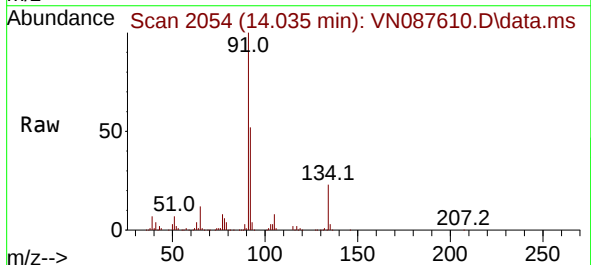
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

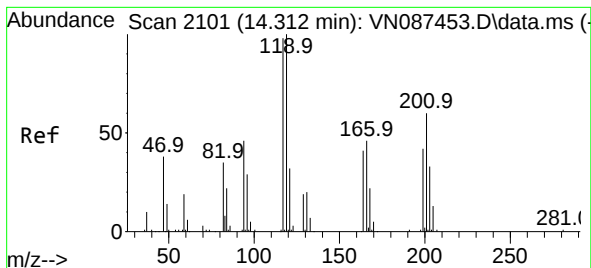
Tgt Ion:146 Resp: 134105
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.1
148 63.7 31.4 94.3



#85
n-Butylbenzene
Concen: 18.287 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion: 91 Resp: 248328
Ion Ratio Lower Upper
91 100
92 52.3 0.0 106.6
134 23.2 0.0 44.4





#86

Hexachloroethane

Concen: 17.767 ug/l

RT: 14.306 min Scan# 2101

Delta R.T. -0.006 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

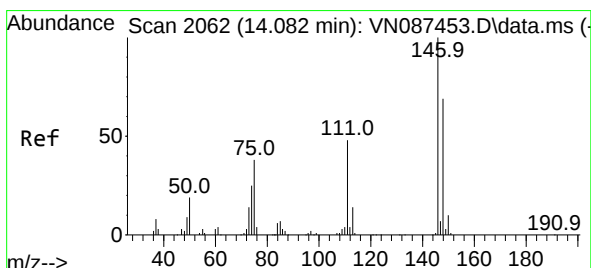
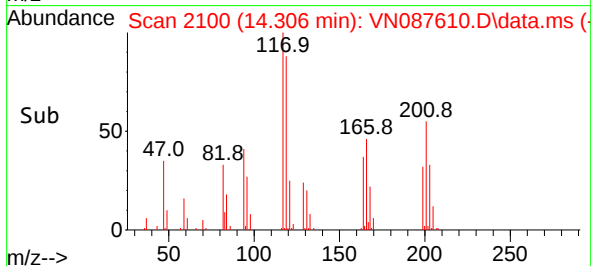
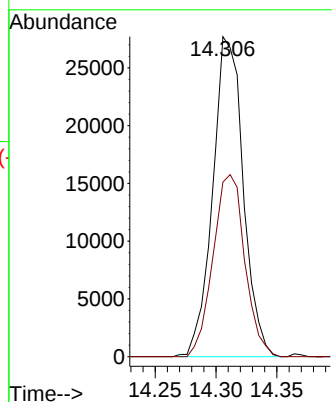
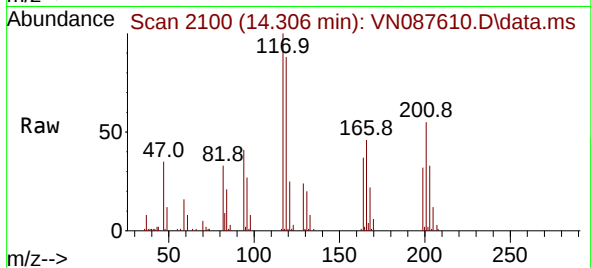
OUTFALL-DSN-001MSD

Tgt Ion:117 Resp: 48153

Ion Ratio Lower Upper

117 100

201 59.4 29.1 87.4



#87

1,2-Dichlorobenzene

Concen: 18.885 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VN087610.D

Acq: 20 Aug 2025 12:19

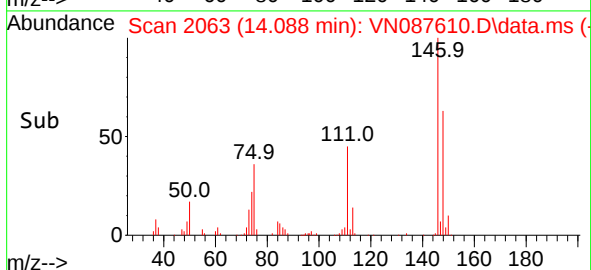
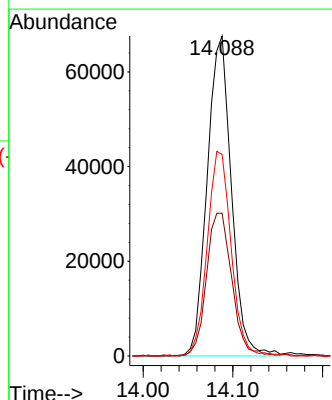
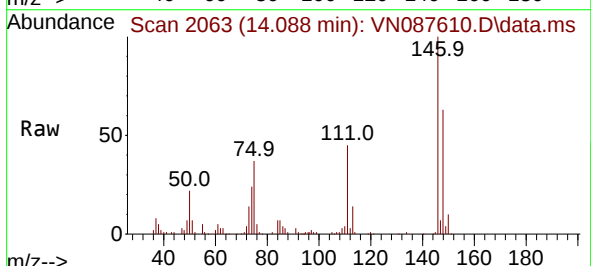
Tgt Ion:146 Resp: 126573

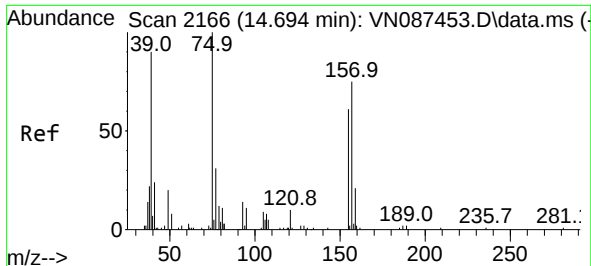
Ion Ratio Lower Upper

146 100

111 46.2 22.9 68.7

148 63.1 31.6 94.7

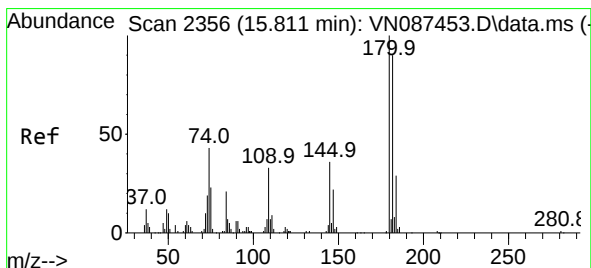
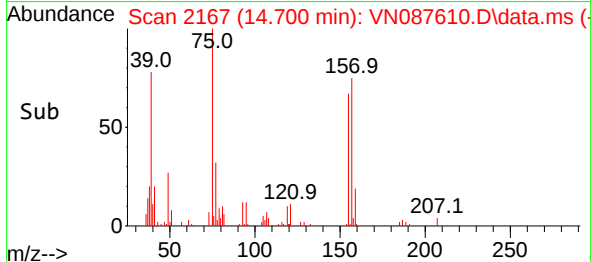
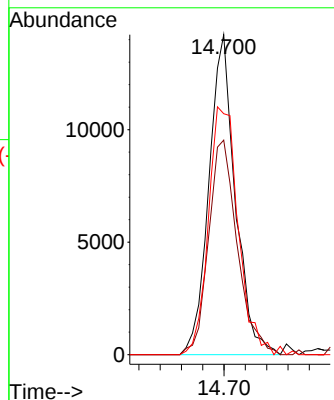
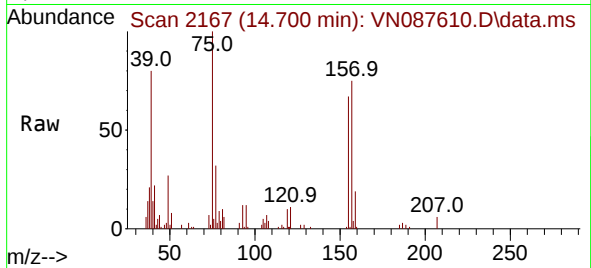




#88
1,2-Dibromo-3-Chloropropane
Concen: 17.729 ug/l
RT: 14.700 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

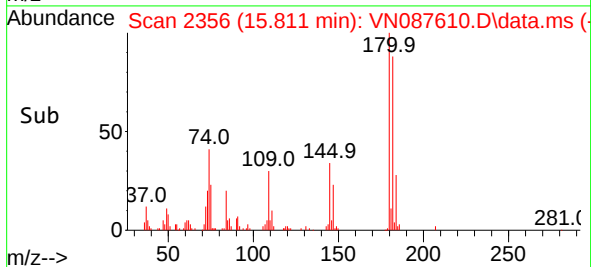
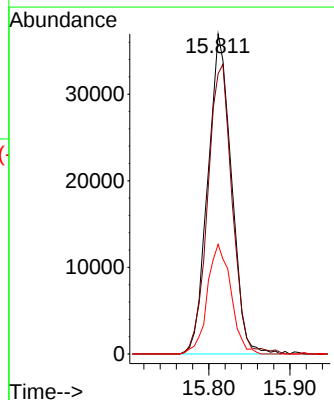
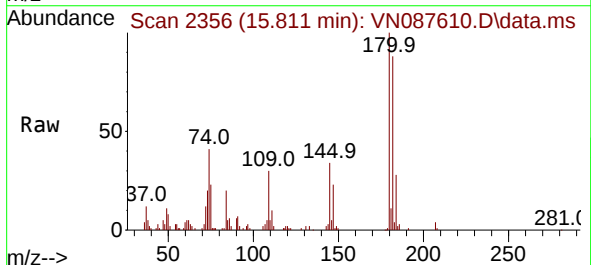
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

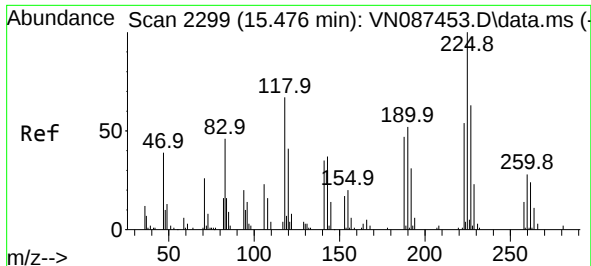
Tgt Ion: 75 Resp: 24476
Ion Ratio Lower Upper
75 100
155 73.0 55.7 83.5
157 87.2 65.8 98.6



#89
1,2,4-Trichlorobenzene
Concen: 18.673 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

Tgt Ion:180 Resp: 74796
Ion Ratio Lower Upper
180 100
182 92.6 75.0 112.4
145 34.1 28.6 43.0

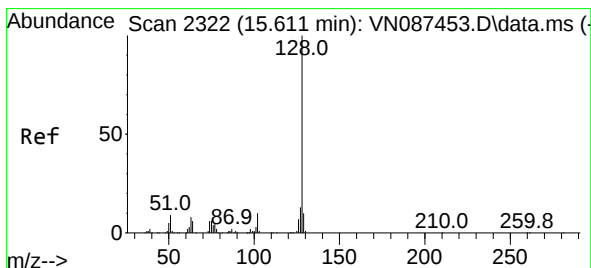
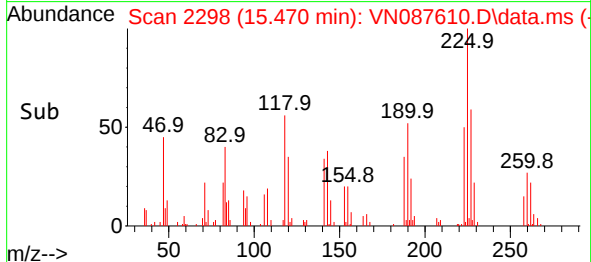
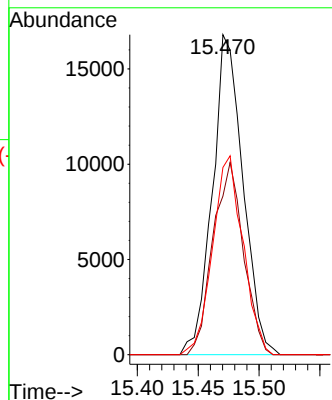
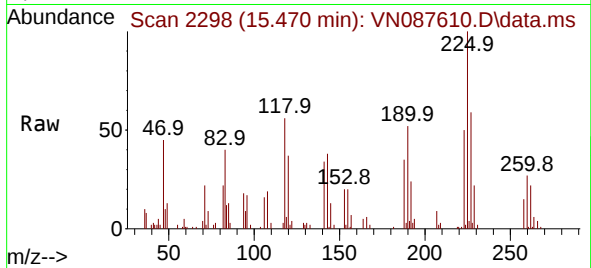




#90
Hexachlorobutadiene
Concen: 18.818 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

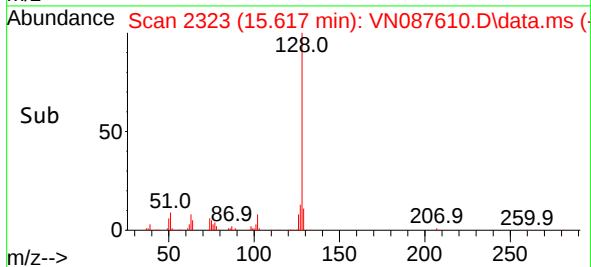
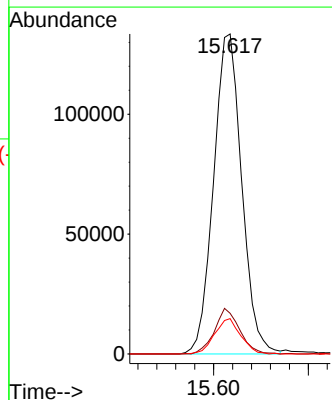
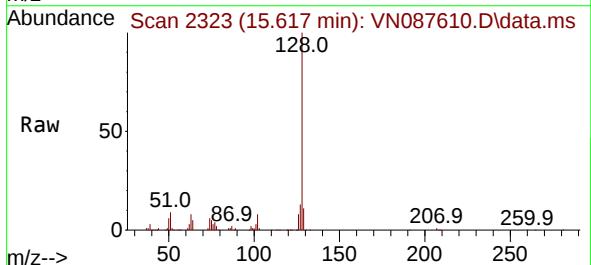
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

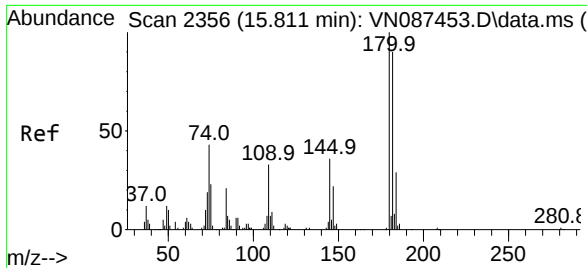
Tgt Ion:225 Resp: 29310
Ion Ratio Lower Upper
225 100
223 60.1 0.0 116.0
227 61.8 0.0 127.0



#91
Naphthalene
Concen: 18.041 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087610.D
Acq: 20 Aug 2025 12:19

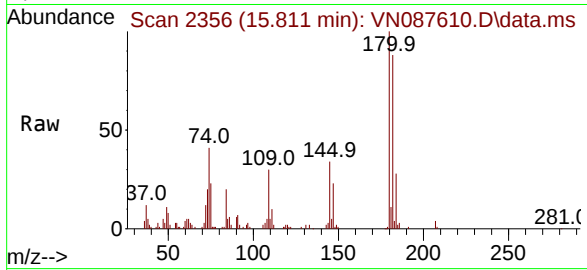
Tgt Ion:128 Resp: 275531
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.2 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 18.673 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087610.D
 Acq: 20 Aug 2025 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MSD



Tgt Ion:	180	Resp:	74796
Ion	Ratio	Lower	Upper
180	100		
182	92.6	0.0	187.4
145	34.1	0.0	71.6

