

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066288.D
 Acq On : 19 Mar 2021 18:11
 Operator : JC/MD
 Sample : M1707-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ELEVATOR-511-EL-167-162

Quant Time: Mar 20 05:01:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	299480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	454222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	433620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	157439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	212020	49.14	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.28%
35) Dibromofluoromethane	7.507	113	167359	57.76	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.52%
50) Toluene-d8	10.028	98	624634	55.75	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.50%
62) 4-Bromofluorobenzene	12.345	95	177395	43.92	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.84%

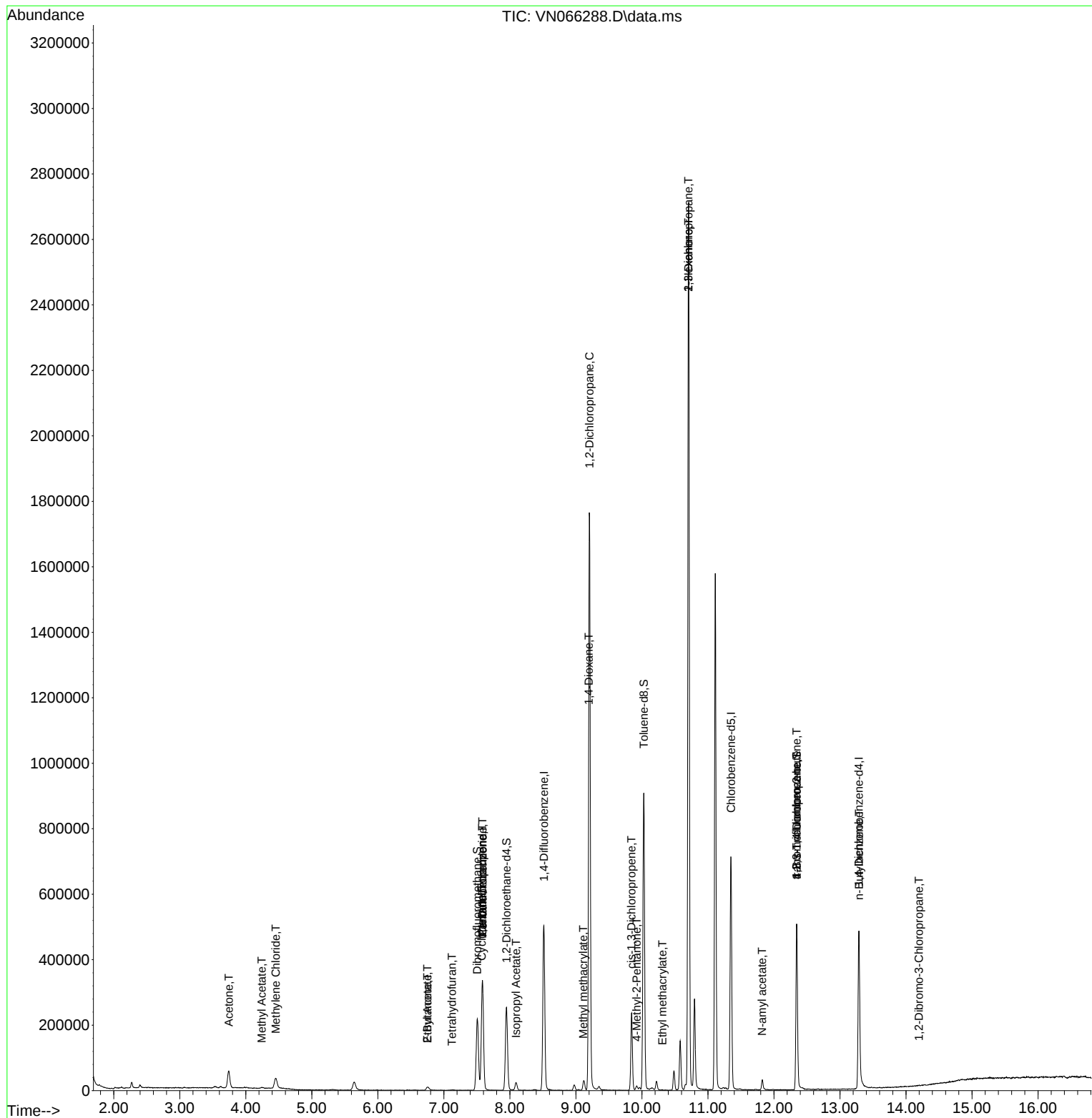
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.529	56	1725	Below Cal	#	1
16) Acetone	3.744	43	84481	40.76	ug/l	98
18) Methyl Acetate	4.240	43	3751	0.65	ug/l	# 81
20) Methylene Chloride	4.455	84	20262	6.25	ug/l	91
25) 2-Butanone	6.750	43	10821	3.36	ug/l	99
29) Tetrahydrofuran	7.121	42	463	0.21	ug/l	# 42
31) Cyclohexane	7.574	56	2391	0.37	ug/l	# 1
36) 1,1-Dichloropropene	7.582	75	19136	4.16	ug/l	# 50
37) Ethyl Acetate	6.750	43	10821	1.65	ug/l	# 74
38) Carbon Tetrachloride	7.585	117	24784	6.01	ug/l	# 18
43) Isopropyl Acetate	8.094	43	28217	2.78	ug/l	94
45) 1,2-Dichloropropane	9.204	63	2080	0.52	ug/l	# 44
48) Methyl methacrylate	9.111	41	8842	1.83	ug/l	# 21
49) 1,4-Dioxane	9.194	88	77	1.47	ug/l	# 16
51) 4-Methyl-2-Pentanone	9.921	43	8568	1.39	ug/l	99
54) cis-1,3-Dichloropropene	9.843	75	39798	6.67	ug/l	# 62
56) Ethyl methacrylate	10.309	69	172	2.19	ug/l	# 1
57) 1,3-Dichloropropane	10.706	76	26778	4.53	ug/l	# 43
59) 2-Hexanone	10.706	43	384749	81.00	ug/l	# 58
74) N-amyl acetate	11.822	43	10103	3.74	ug/l	# 62
76) 1,2,3-Trichloropropane	12.345	75	81052	19.94	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.345	75	81052	59.66	ug/l	# 11
89) n-Butylbenzene	13.292	91	326	2.27	ug/l	# 34
92) 1,2-Dibromo-3-Chloropr...	14.198	75	206	1.07	ug/l	# 8

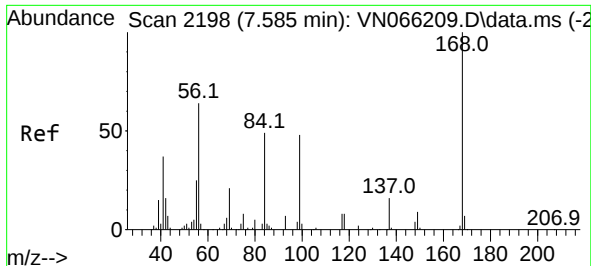
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ELEVATOR-511-EL-167-162

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Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration

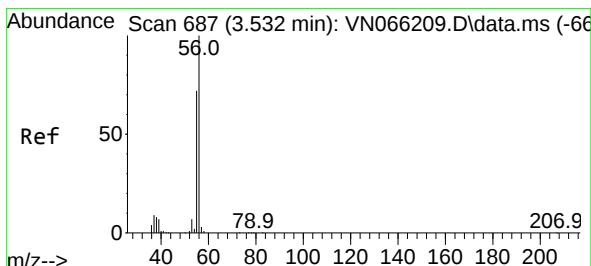
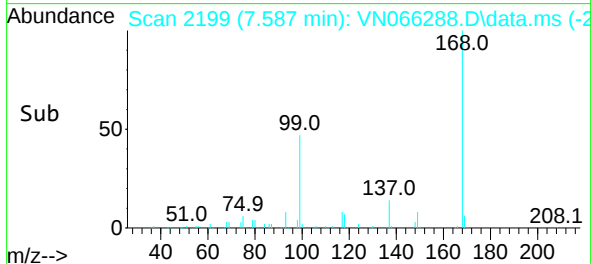
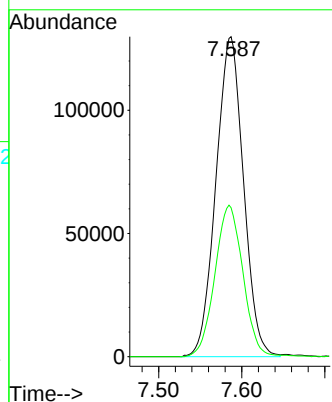
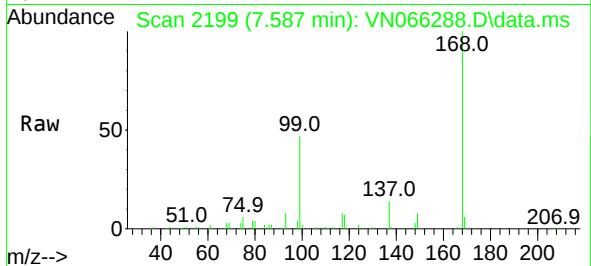




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

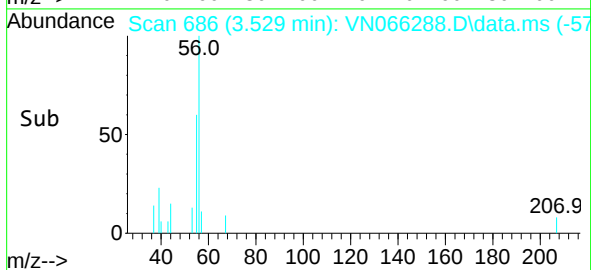
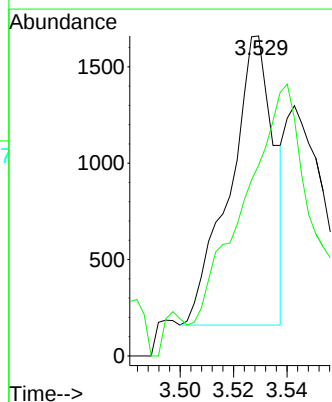
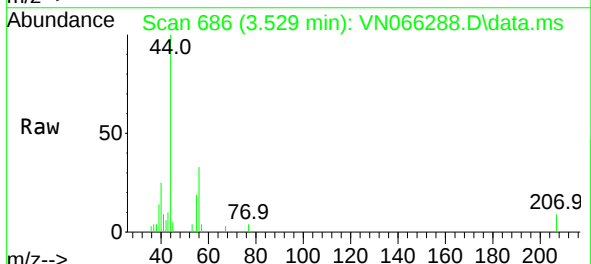
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

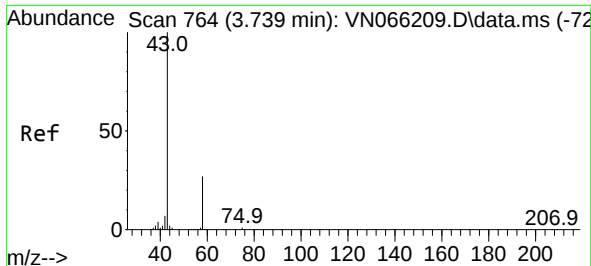
Tgt Ion:168 Resp: 299480
Ion Ratio Lower Upper
168 100
99 46.6 45.4 68.0



#13
Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. -0.003 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 56 Resp: 1725
Ion Ratio Lower Upper
56 100
55 165.0 58.0 87.0#

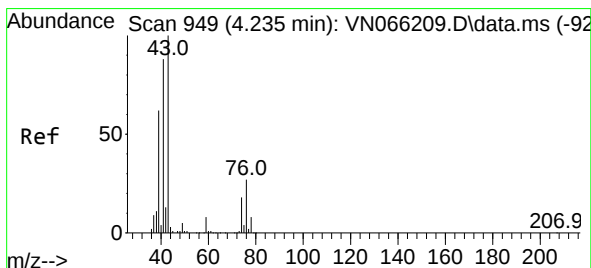
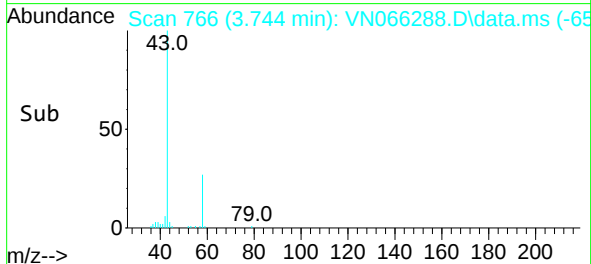
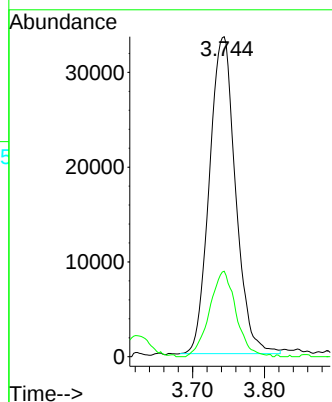
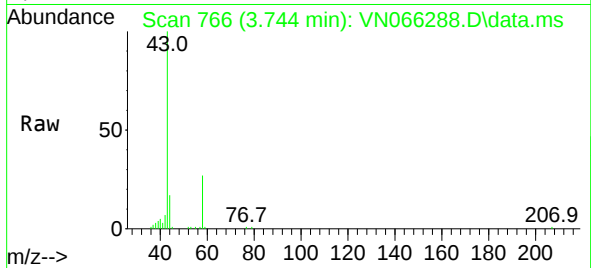




#16
Acetone
Concen: 40.76 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

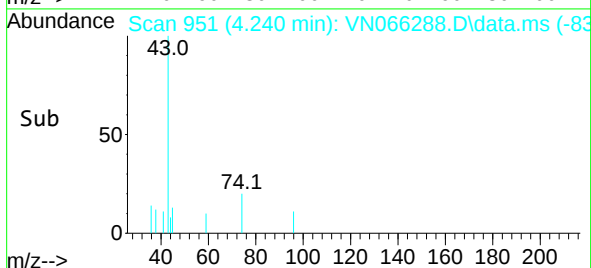
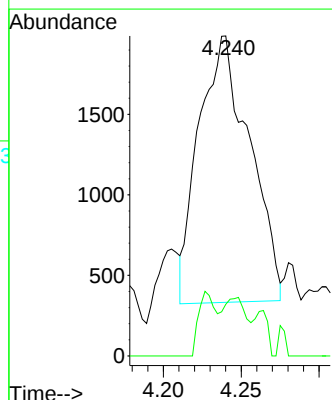
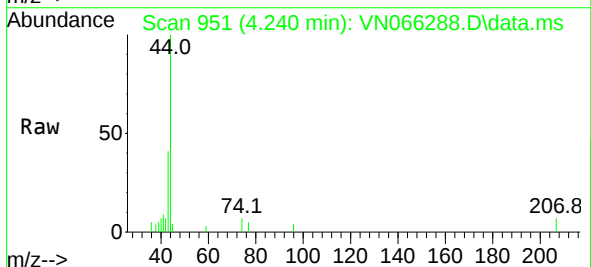
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

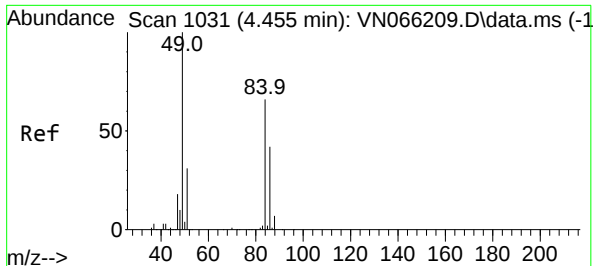
Tgt Ion: 43 Resp: 84481
Ion Ratio Lower Upper
43 100
58 26.9 22.3 33.5



#18
Methyl Acetate
Concen: 0.65 ug/l
RT: 4.240 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 43 Resp: 3751
Ion Ratio Lower Upper
43 100
74 9.1 14.2 21.2#

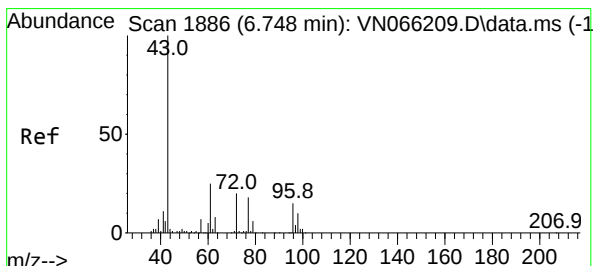
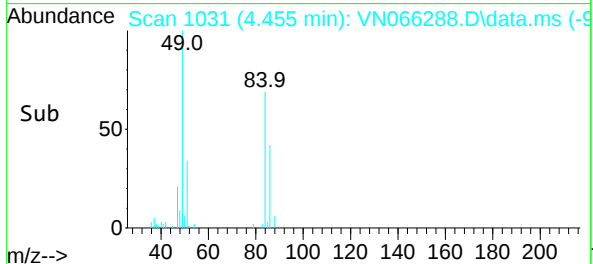
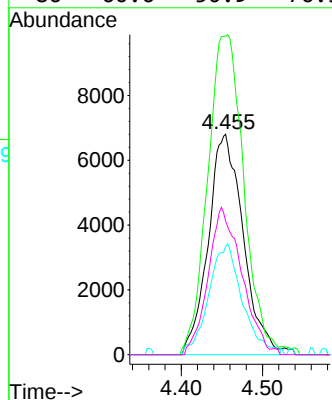
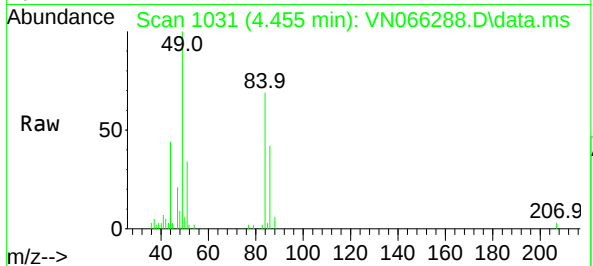




#20
Methylene Chloride
Concen: 6.25 ug/l
RT: 4.455 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

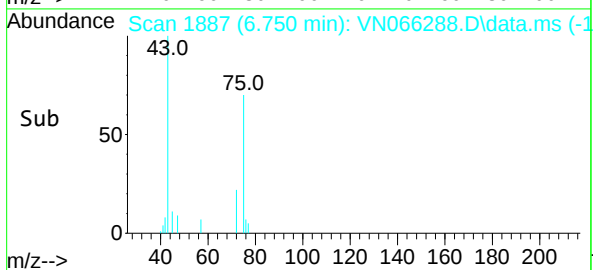
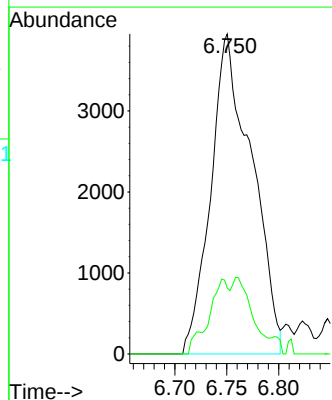
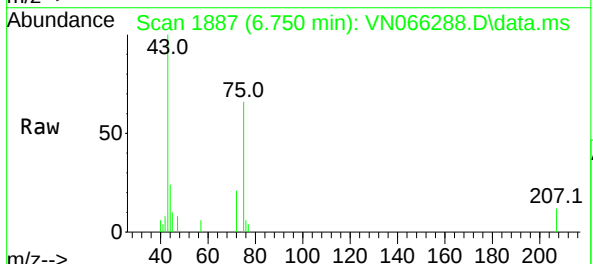
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

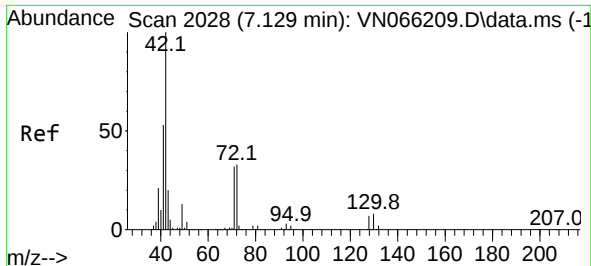
Tgt Ion:	84	Resp:	20262
Ion	Ratio	Lower	Upper
84	100		
49	144.6	130.0	195.0
51	49.1	39.1	58.7
86	60.6	50.9	76.3



#25
2-Butanone
Concen: 3.36 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.002 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion:	43	Resp:	10821
Ion	Ratio	Lower	Upper
43	100		
72	20.7	16.2	24.2





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 7.121 min Scan# 2025

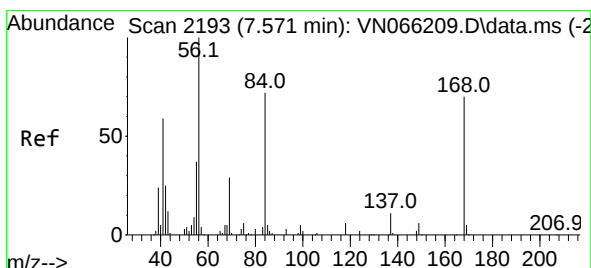
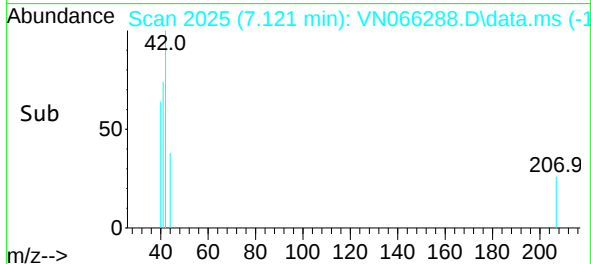
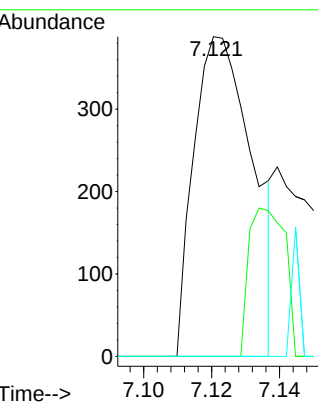
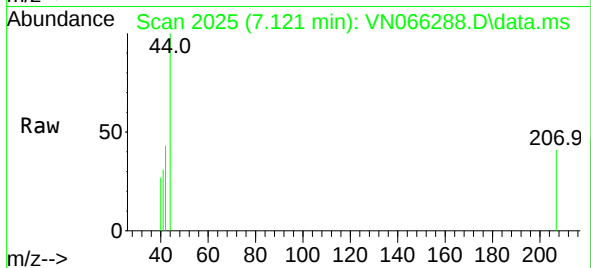
Delta R.T. -0.008 min

Lab File: VN066288.D

Acq: 19 Mar 2021 18:11

Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

Tgt Ion:	42	Resp:	463
Ion	Ratio	Lower	Upper
42	100		
72	0.0	26.2	39.4#
71	0.0	25.4	38.2#



#31

Cyclohexane

Concen: 0.37 ug/l

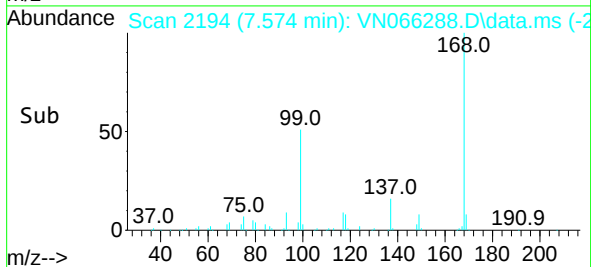
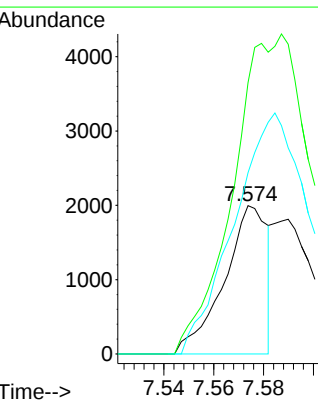
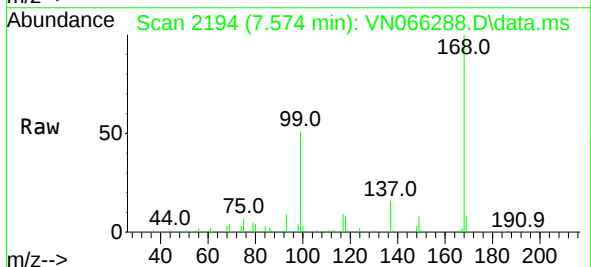
RT: 7.574 min Scan# 2194

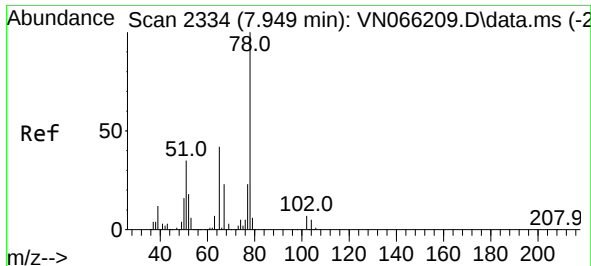
Delta R.T. 0.003 min

Lab File: VN066288.D

Acq: 19 Mar 2021 18:11

Tgt Ion:	56	Resp:	2391
Ion	Ratio	Lower	Upper
56	100		
69	183.0	23.4	35.0#
84	122.3	57.8	86.6#

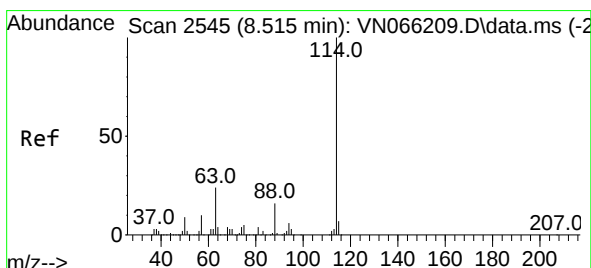
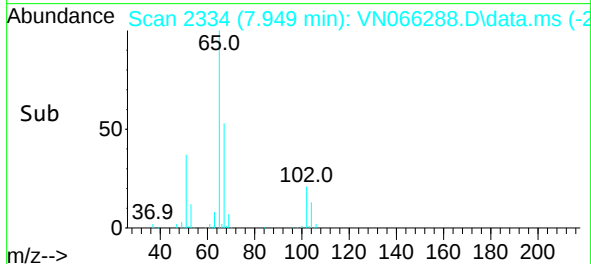
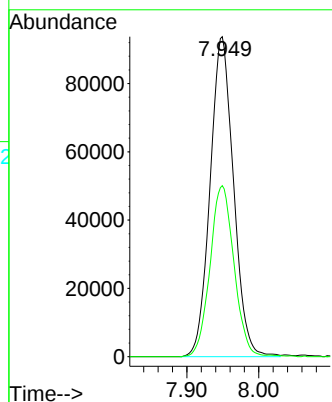
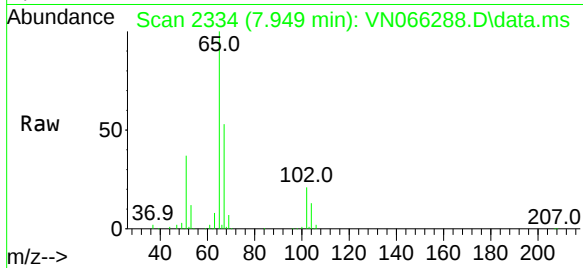




#33
 1,2-Dichloroethane-d4
 Concen: 49.14 ug/l
 RT: 7.949 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: VN066288.D
 Acq: 19 Mar 2021 18:11

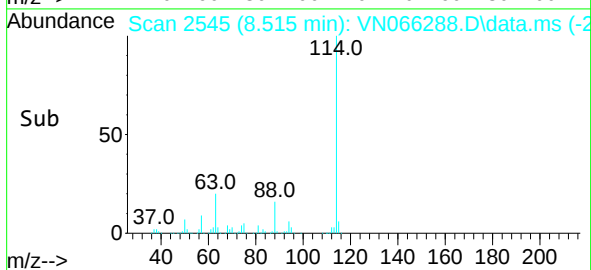
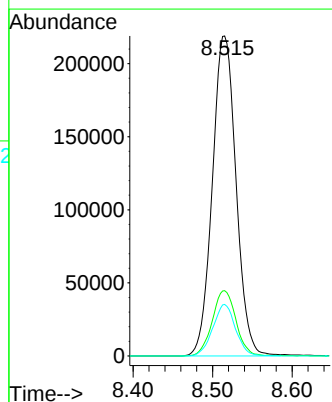
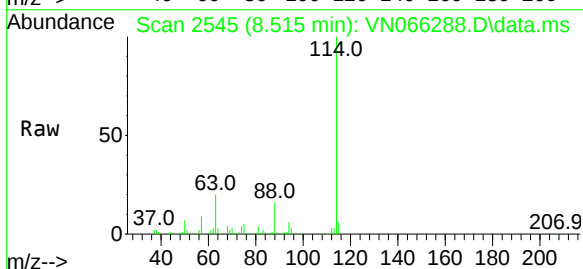
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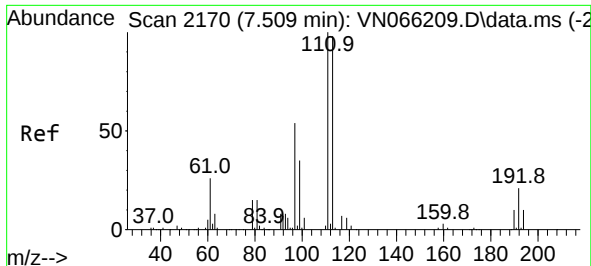
Tgt Ion: 65 Resp: 212020
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.515 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: VN066288.D
 Acq: 19 Mar 2021 18:11

Tgt Ion: 114 Resp: 454222
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 49.2
 88 16.1 0.0 33.8

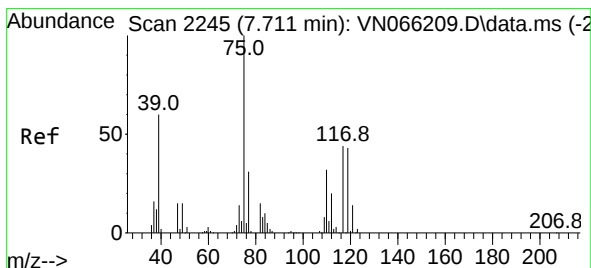
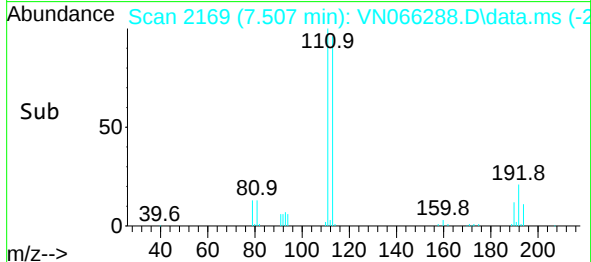
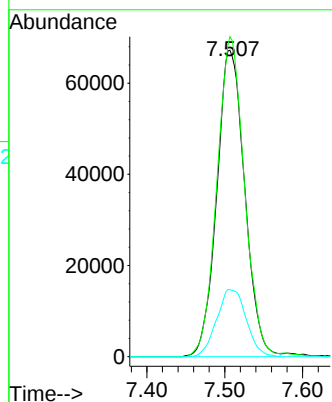
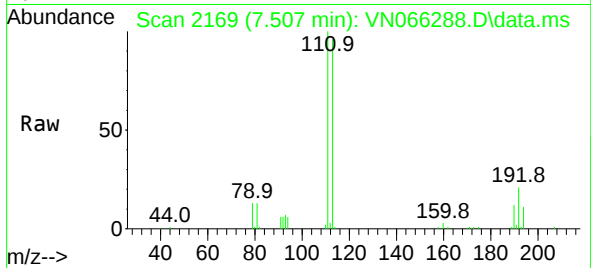




#35
Dibromofluoromethane
Concen: 57.76 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

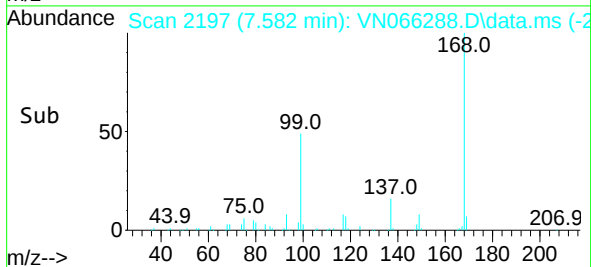
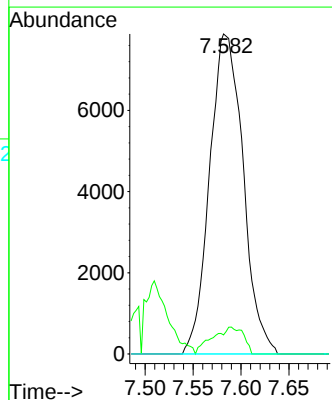
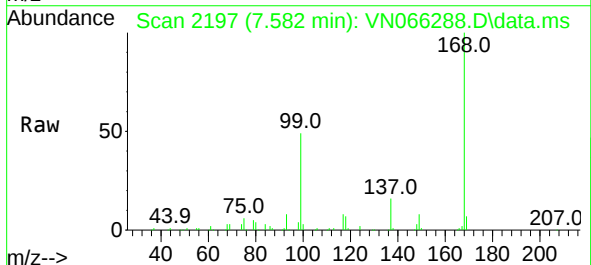
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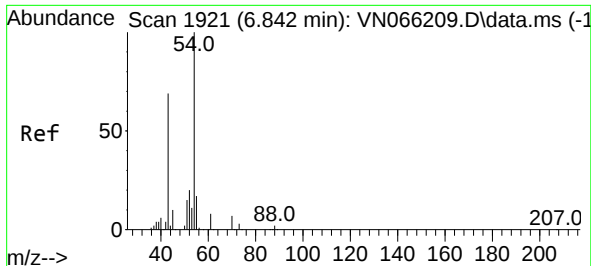
Tgt Ion:113 Resp: 167359
Ion Ratio Lower Upper
113 100
111 102.5 84.0 126.0
192 23.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.16 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 75 Resp: 19136
Ion Ratio Lower Upper
75 100
110 7.8 16.0 48.0#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.65 ug/l

RT: 6.750 min Scan# 1887

Delta R.T. -0.092 min

Lab File: VN066288.D

Acq: 19 Mar 2021 18:11

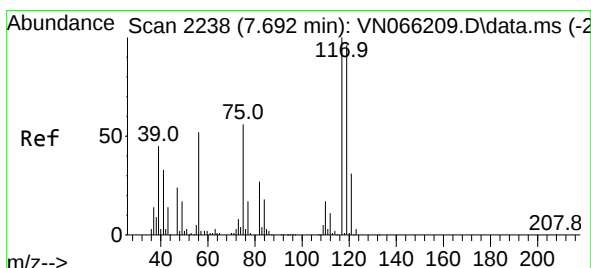
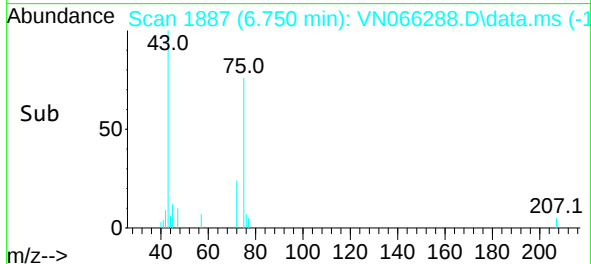
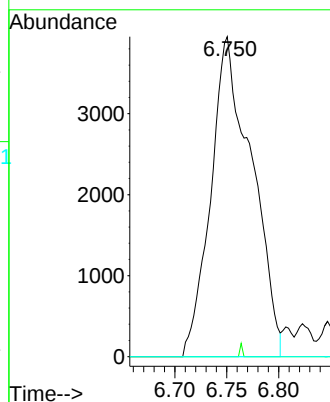
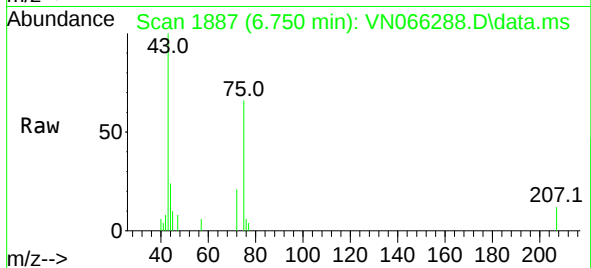
Instrument :

MSVOA_N

ClientSampleId :

ELEVATOR-511-EL-167-162

Tgt Ion:	43	Resp:	10821
Ion	Ratio	Lower	Upper
43	100		
61	0.2	9.2	13.8#
70	0.0	6.1	9.1#



#38

Carbon Tetrachloride

Concen: 6.01 ug/l

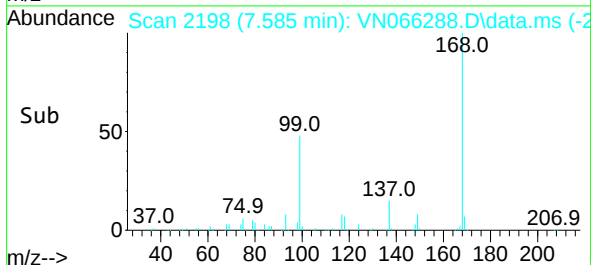
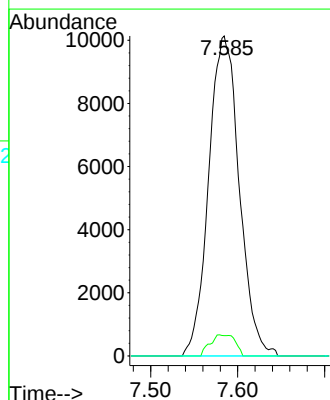
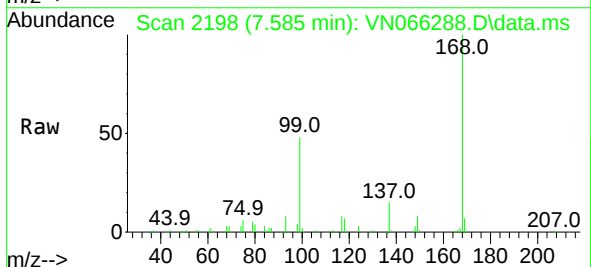
RT: 7.585 min Scan# 2198

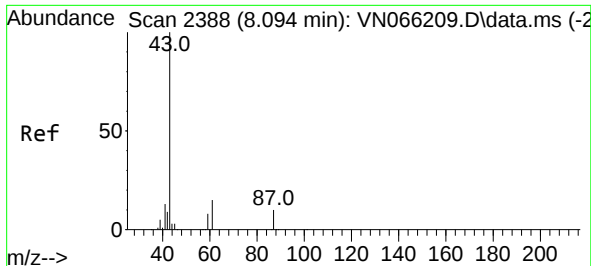
Delta R.T. -0.107 min

Lab File: VN066288.D

Acq: 19 Mar 2021 18:11

Tgt Ion:	117	Resp:	24784
Ion	Ratio	Lower	Upper
117	100		
119	6.4	74.6	111.8#
121	0.0	23.9	35.9#

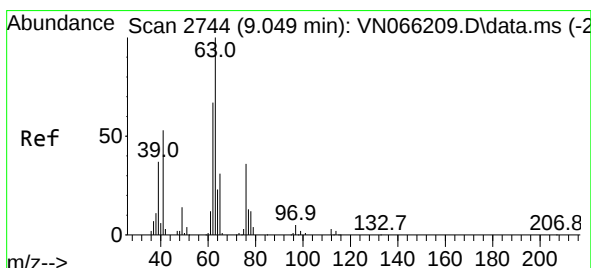
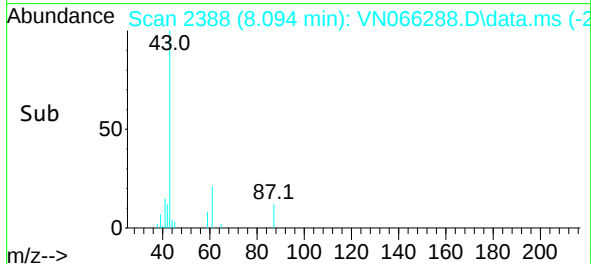
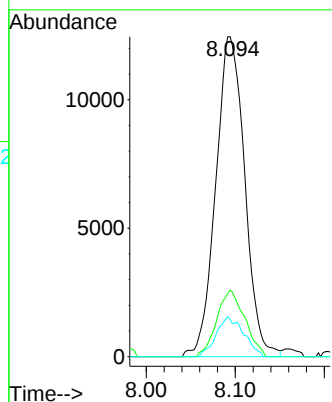
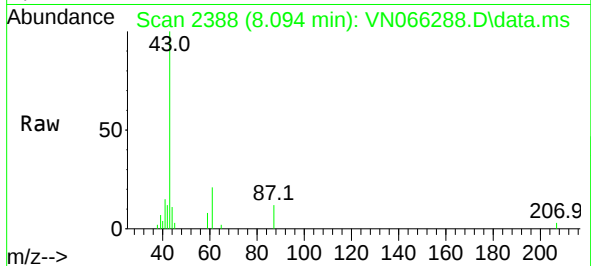




#43
Isopropyl Acetate
Concen: 2.78 ug/l
RT: 8.094 min Scan# 2388
Delta R.T. 0.000 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

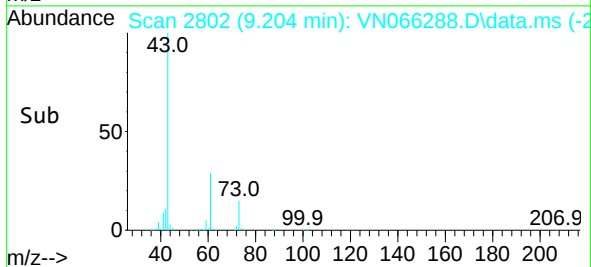
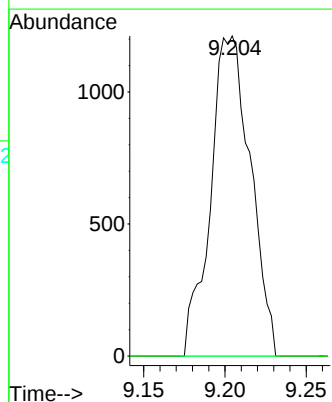
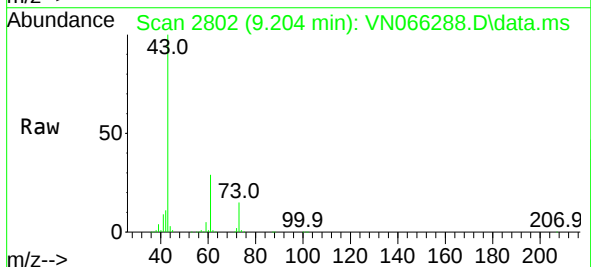
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

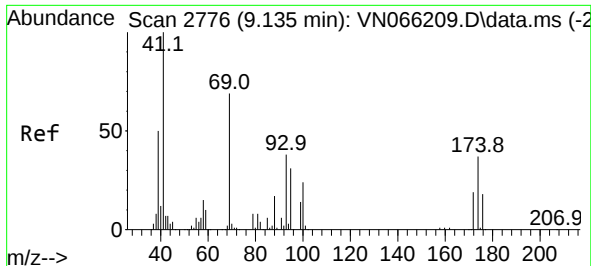
Tgt Ion: 43	Resp: 28217
Ion Ratio	Lower Upper
43 100	
61 20.0	14.0 21.0
87 11.8	7.9 11.9



#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.155 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 63	Resp: 2080		
Ion Ratio	Lower	Upper	
63 100			
65 0.0	24.6	37.0#	

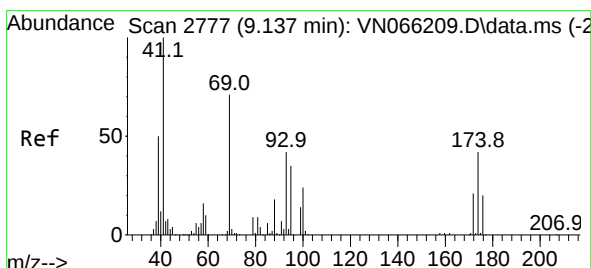
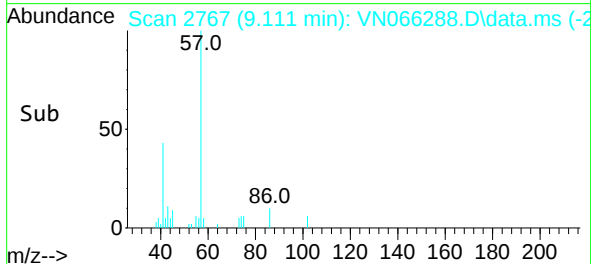
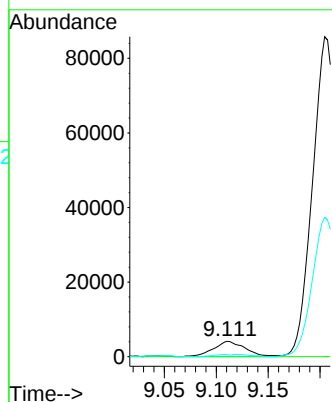
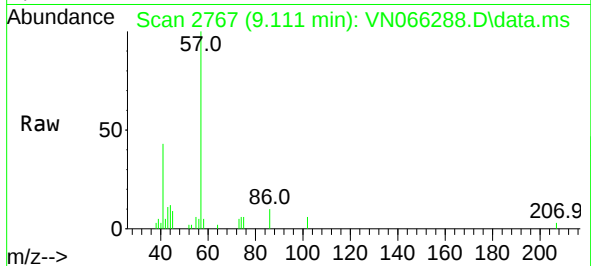




#48
Methyl methacrylate
Concen: 1.83 ug/l
RT: 9.111 min Scan# 2767
Delta R.T. -0.024 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

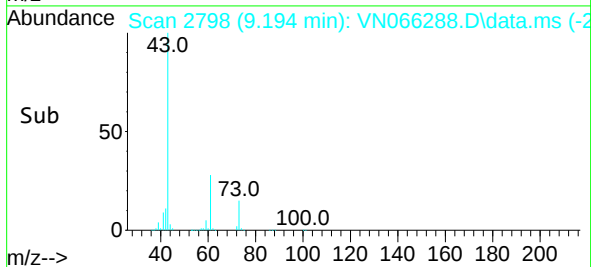
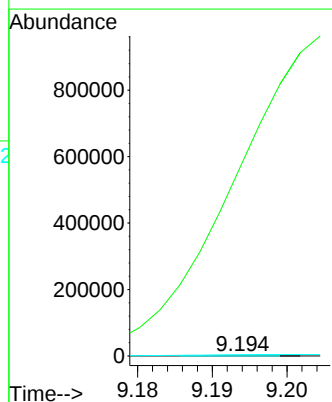
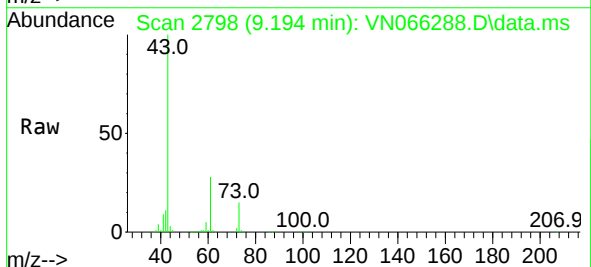
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

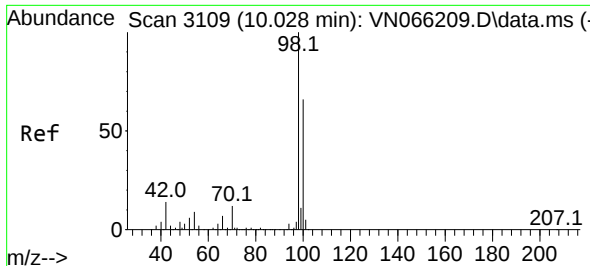
Tgt Ion: 41 Resp: 8842
Ion Ratio Lower Upper
41 100
69 0.0 54.7 82.1#
39 0.0 40.2 60.2#



#49
1,4-Dioxane
Concen: 1.47 ug/l
RT: 9.194 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
43 0.0 34.4 51.6#
58 0.0 67.3 100.9#

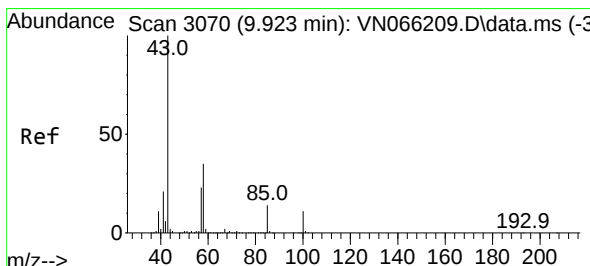
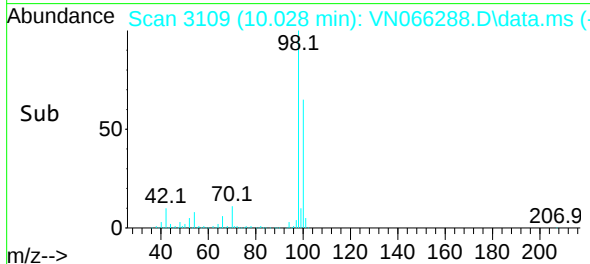
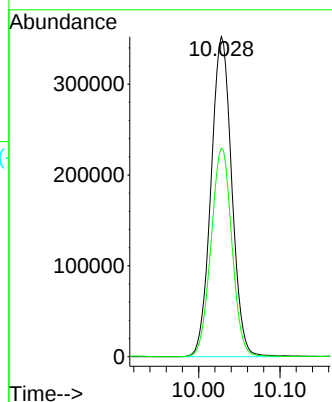
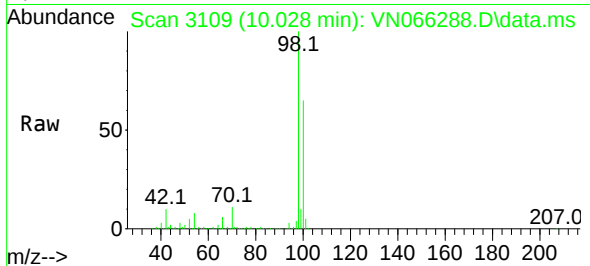




#50
Toluene-d8
Concen: 55.75 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

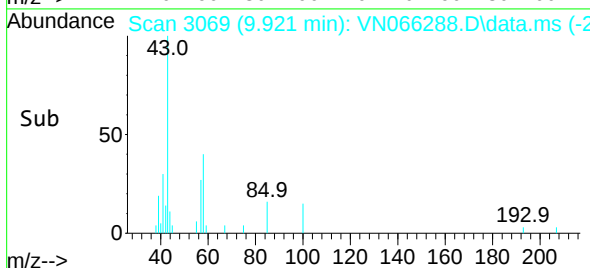
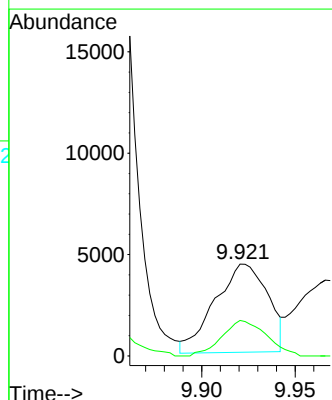
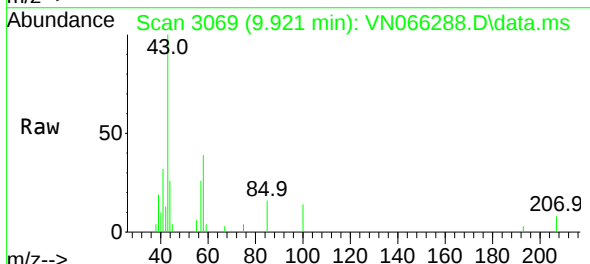
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

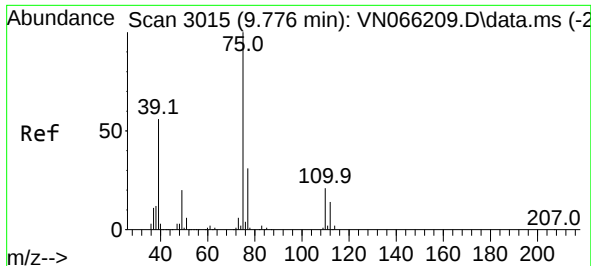
Tgt Ion: 98 Resp: 624634
Ion Ratio Lower Upper
98 100
100 65.6 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 1.39 ug/l
RT: 9.921 min Scan# 3069
Delta R.T. -0.002 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

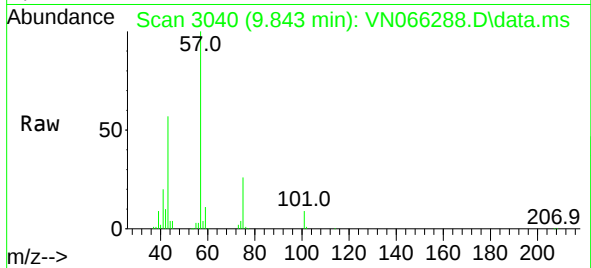
Tgt Ion: 43 Resp: 8568
Ion Ratio Lower Upper
43 100
58 33.9 27.5 41.3



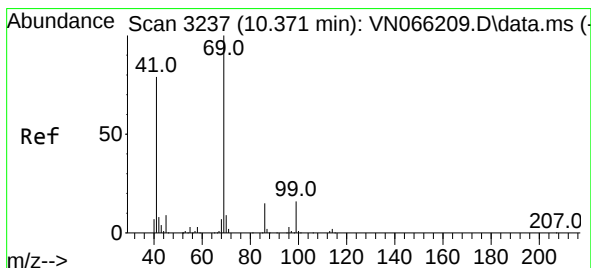
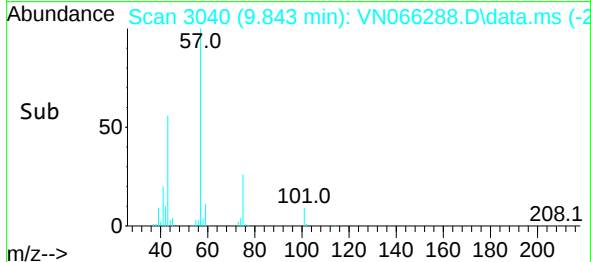
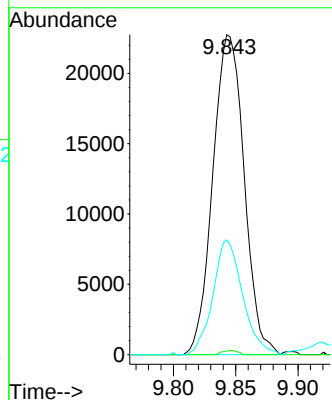


#54
cis-1,3-Dichloropropene
Concen: 6.67 ug/l
RT: 9.843 min Scan# 3040
Delta R.T. 0.067 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

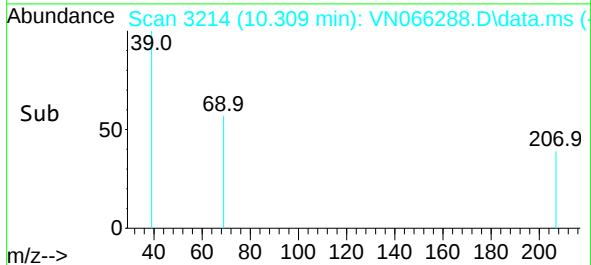
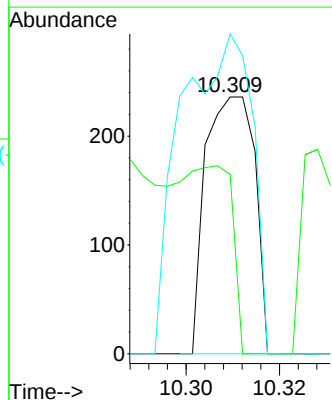
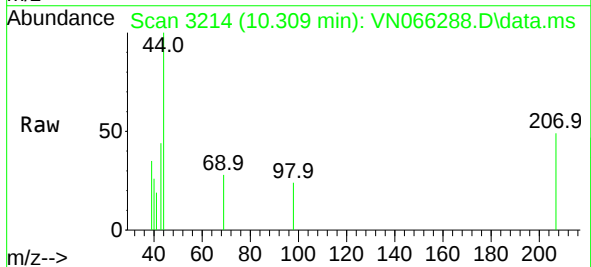


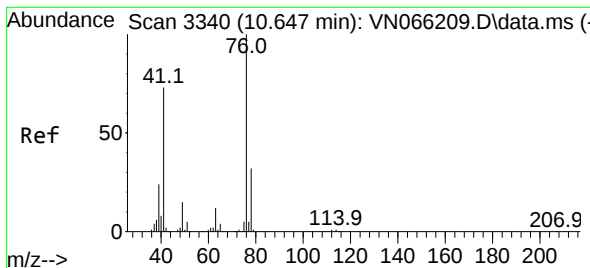
Tgt Ion: 75 Resp: 39798
Ion Ratio Lower Upper
75 100
77 1.2 25.0 37.4#
39 35.9 46.2 69.2#



#56
Ethyl methacrylate
Concen: 2.19 ug/l
RT: 10.309 min Scan# 3214
Delta R.T. -0.062 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 69 Resp: 172
Ion Ratio Lower Upper
69 100
41 0.0 66.2 99.4#
39 180.2 31.5 47.3#

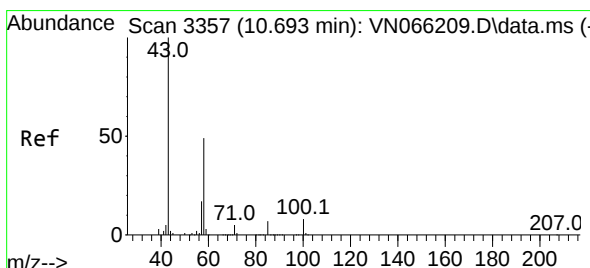
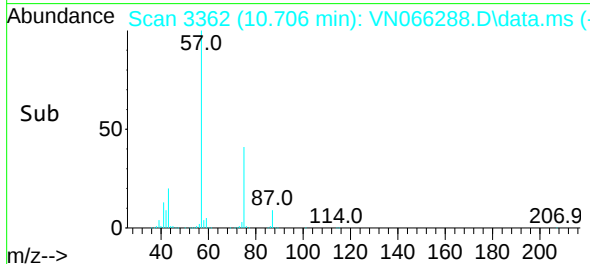
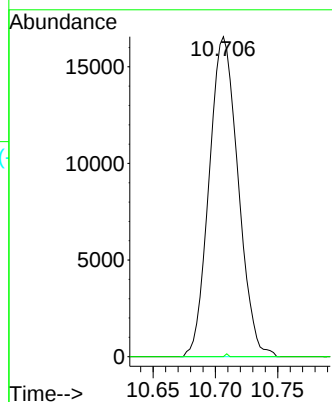
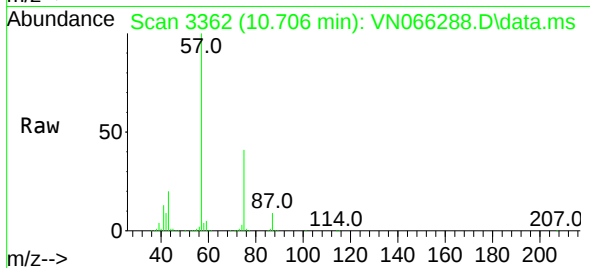




#57
1,3-Dichloropropane
Concen: 4.53 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

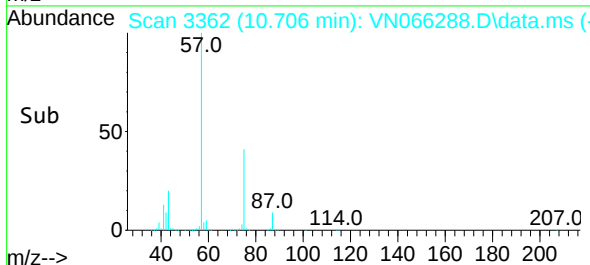
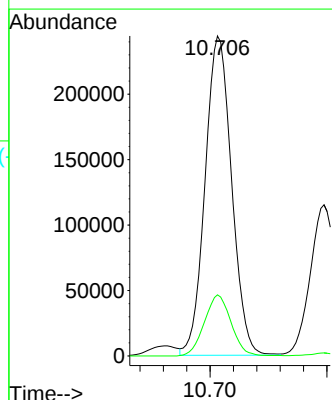
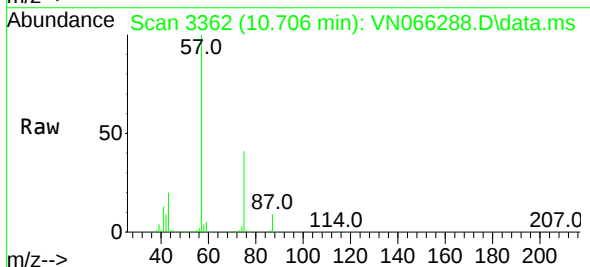
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

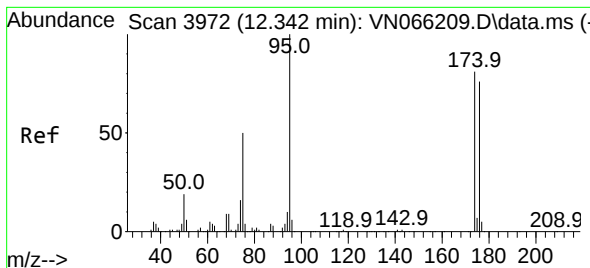
Tgt Ion: 76 Resp: 26778
Ion Ratio Lower Upper
76 100
78 0.1 25.4 38.2#



#59
2-Hexanone
Concen: 81.00 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 43 Resp: 384749
Ion Ratio Lower Upper
43 100
58 19.3 23.8 71.5#

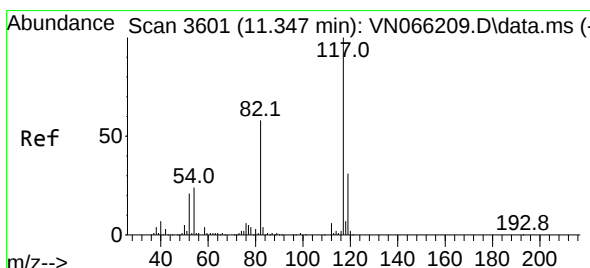
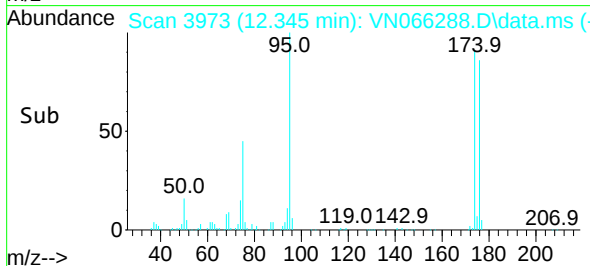
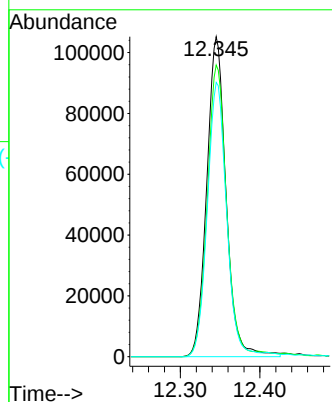
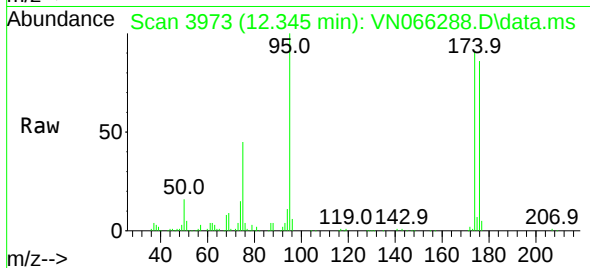




#62
4-Bromofluorobenzene
Concen: 43.92 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

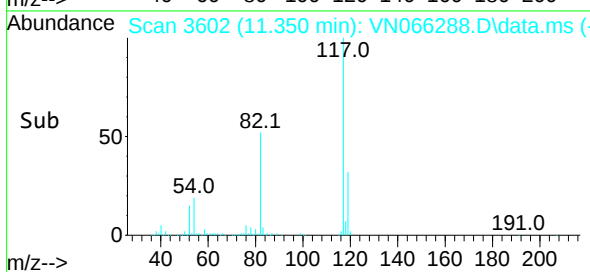
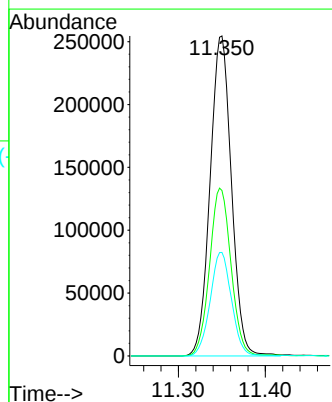
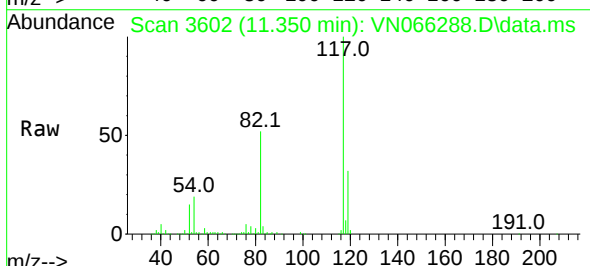
Instrument :
MSVOA_N
ClientSampleId :
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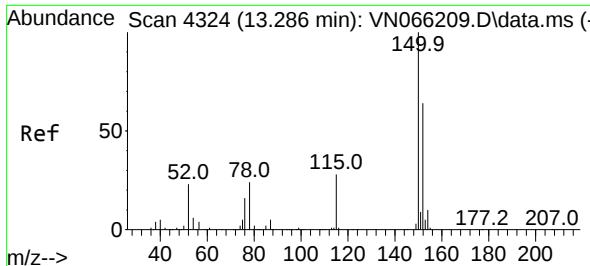
Tgt Ion: 95 Resp: 177395
Ion Ratio Lower Upper
95 100
174 90.7 0.0 162.4
176 85.4 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 117 Resp: 433620
Ion Ratio Lower Upper
117 100
82 51.7 49.0 73.6
119 32.4 25.7 38.5

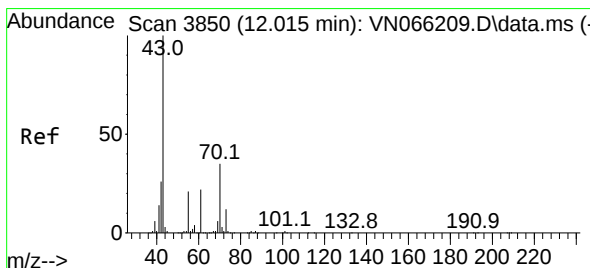
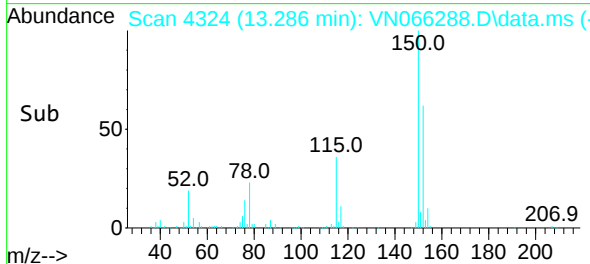
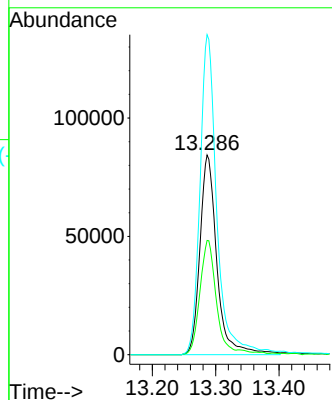
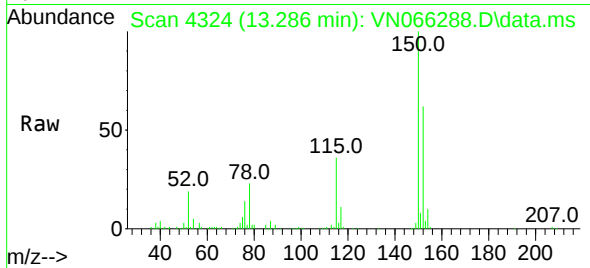




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

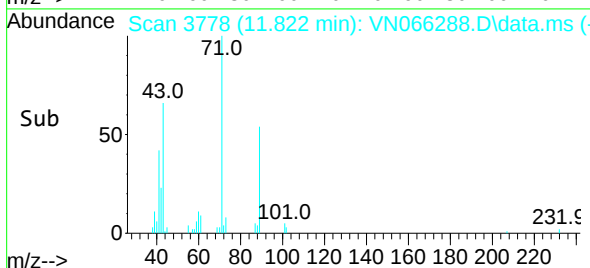
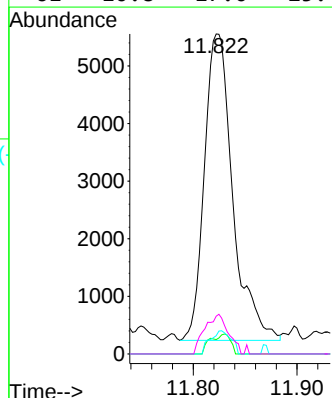
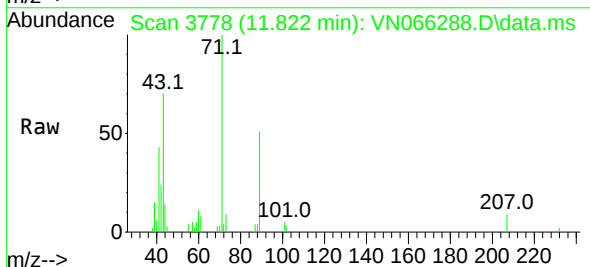
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

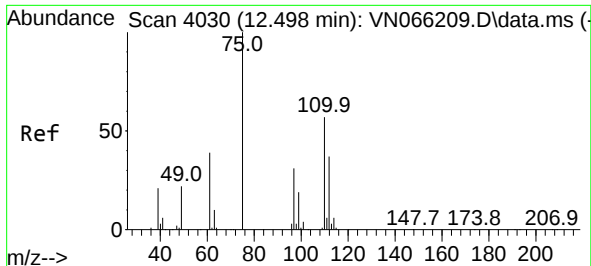
Tgt Ion:152 Resp: 157439
Ion Ratio Lower Upper
152 100
115 54.1 29.4 88.3
150 156.6 0.0 352.2



#74
N-ethyl acetate
Concen: 3.74 ug/l
RT: 11.822 min Scan# 3778
Delta R.T. -0.193 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 43 Resp: 10103
Ion Ratio Lower Upper
43 100
70 4.6 26.2 39.4#
55 5.6 17.2 25.8#
61 10.8 17.0 25.4#

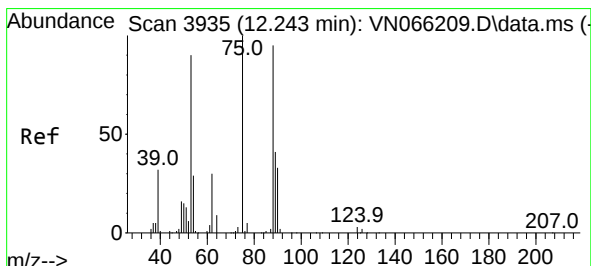
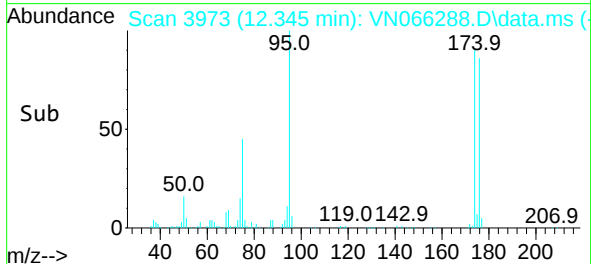
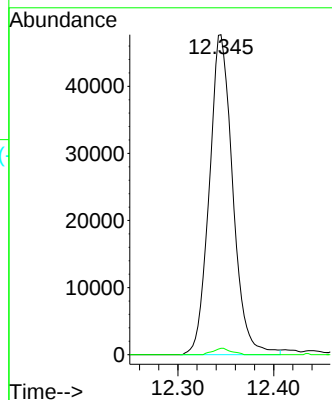
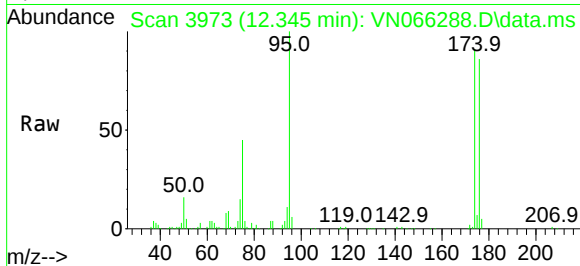




#76
1,2,3-Trichloropropane
Concen: 19.94 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

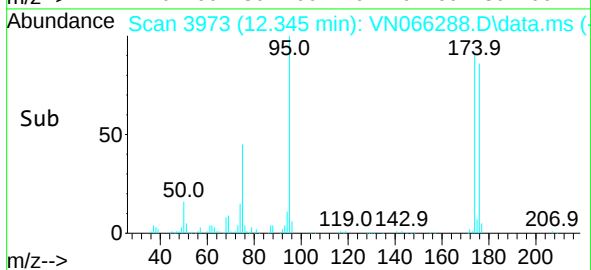
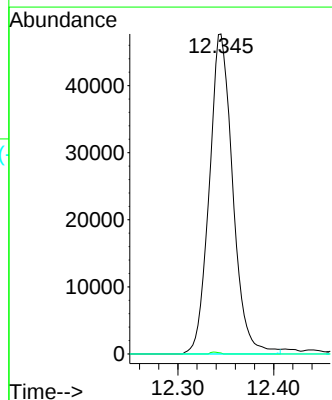
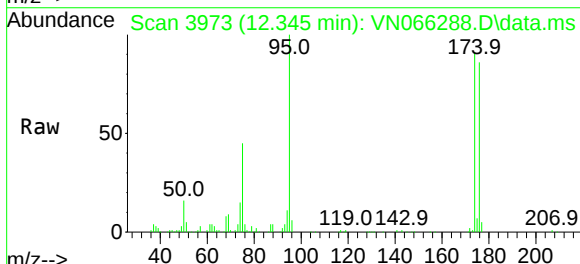
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

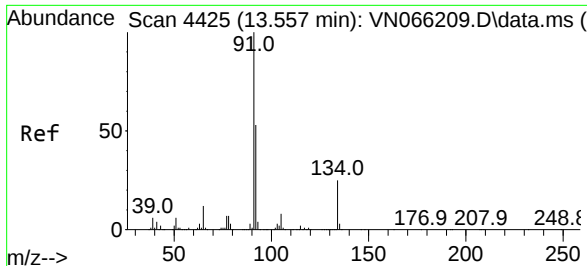
Tgt Ion: 75 Resp: 81052
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.66 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 75 Resp: 81052
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.6#
89 0.0 33.7 50.5#

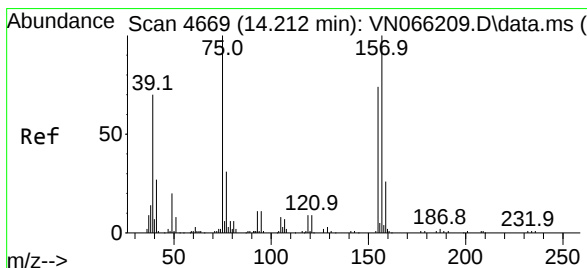
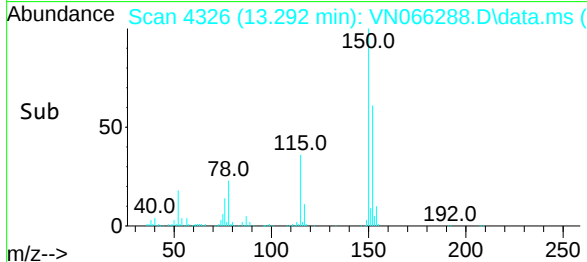
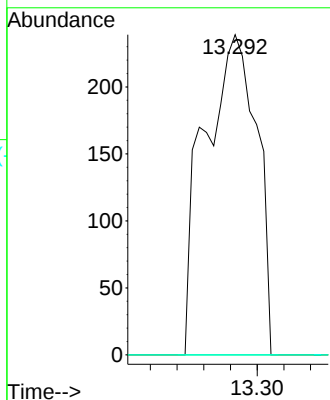
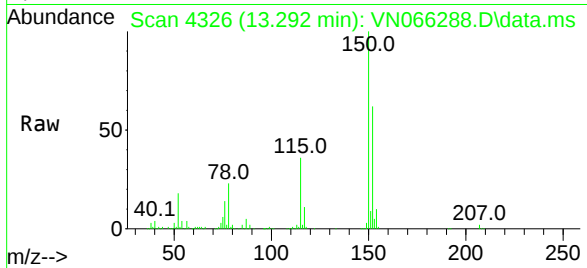




#89
n-Butylbenzene
Concen: 2.27 ug/l
RT: 13.292 min Scan# 4326
Delta R.T. -0.265 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-511-EL-167-162

Tgt Ion: 91 Resp: 326
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 11.8 35.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.07 ug/l
RT: 14.198 min Scan# 4664
Delta R.T. -0.014 min
Lab File: VN066288.D
Acq: 19 Mar 2021 18:11

Tgt Ion: 75 Resp: 206
Ion Ratio Lower Upper
75 100
155 0.0 36.5 109.7#
157 0.0 46.3 138.8#

