

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066337.D
 Acq On : 25 Mar 2021 18:06
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:30 PM

Quant Time: Mar 26 05:35:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	451087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	702452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	578557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	251970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.818	85	6237	1.11	ug/l	99
3) Chloromethane	2.014	50	10479	1.09	ug/l	97
4) Vinyl Chloride	2.146	62	7486	0.96	ug/l	98
6) Chloroethane	2.655	64	4381	1.01	ug/l	90
7) Trichlorofluoromethane	2.963	101	10096	1.16	ug/l	91
8) Diethyl Ether	3.347	74	4678	1.32	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.677	101	5995	1.40	ug/l #	78
12) 1,1-Dichloroethene	3.661	96	6150	1.32	ug/l #	79
14) Allyl chloride	4.224	41	10556	0.79	ug/l #	90
15) Acrylonitrile	4.884	53	14182	3.63	ug/l #	53
16) Acetone	3.741	43	18683	4.49	ug/l	95
17) Carbon Disulfide	3.964	76	22756	1.57	ug/l	96
18) Methyl Acetate	4.243	43	10858m	1.06	ug/l	
19) Methyl tert-butyl Ether	4.951	73	17217	0.88	ug/l	94
20) Methylene Chloride	4.447	84	8494	1.35	ug/l	89
21) trans-1,2-Dichloroethene	4.927	96	6553m	1.25	ug/l	
22) Diisopropyl ether	5.865	45	17597m	0.68	ug/l	
23) Vinyl Acetate	5.804	43	70983	3.18	ug/l	100
24) 1,1-Dichloroethane	5.739	63	9544	0.79	ug/l #	83
25) 2-Butanone	6.756	43	16673	2.72	ug/l	100
26) 2,2-Dichloropropane	6.726	77	9173	0.90	ug/l #	68
27) cis-1,2-Dichloroethene	6.729	96	6935	1.09	ug/l	79
28) Bromochloromethane	7.107	49	4694	0.68	ug/l #	97
29) Tetrahydrofuran	7.134	42	11474	2.71	ug/l	93
30) Chloroform	7.284	83	10000	0.90	ug/l	94
32) 1,1,1-Trichloroethane	7.483	97	8846	0.95	ug/l #	51
36) 1,1-Dichloropropene	7.716	75	8060	1.04	ug/l	94
37) Ethyl Acetate	6.842	43	8760m	0.77	ug/l	
38) Carbon Tetrachloride	7.692	117	7839	1.14	ug/l #	97
39) Methylcyclohexane	9.014	83	8831	1.05	ug/l	96
40) Benzene	7.960	78	22954	1.01	ug/l	96
41) Methacrylonitrile	7.088	41	3811	0.70	ug/l #	57
42) 1,2-Dichloroethane	8.043	62	8013	0.89	ug/l	98
43) Isopropyl Acetate	8.091	43	12468	0.67	ug/l	95
44) Trichloroethene	8.762	130	5966	1.09	ug/l	98
45) 1,2-Dichloropropane	9.052	63	6068	0.90	ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066337.D
 Acq On : 25 Mar 2021 18:06
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

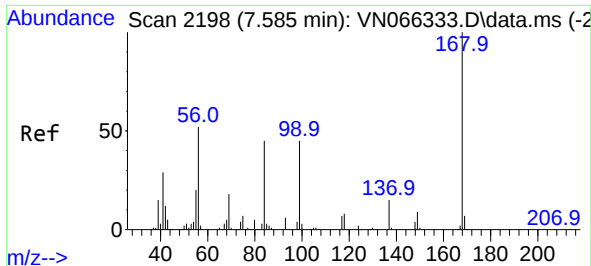
Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:30 PM

Quant Time: Mar 26 05:35:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

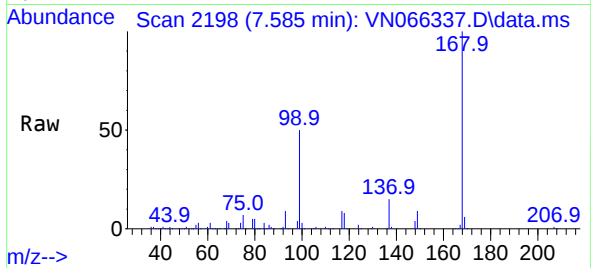
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.143	93	4175	1.11	ug/l	98
47) Bromodichloromethane	9.339	83	7831	0.95	ug/l	94
48) Methyl methacrylate	9.137	41	6133	0.68	ug/l	95
49) 1,4-Dioxane	9.145	88	2010	23.16	ug/l #	66
51) 4-Methyl-2-Pentanone	9.923	43	36865	3.29	ug/l	99
52) Toluene	10.092	92	13311	0.99	ug/l	99
53) t-1,3-Dichloropropene	10.326	75	8214	0.85	ug/l	93
54) cis-1,3-Dichloropropene	9.776	75	8948	0.87	ug/l	98
55) 1,1,2-Trichloroethane	10.503	97	5520	1.04	ug/l	89
56) Ethyl methacrylate	10.371	69	7652	0.84	ug/l	96
57) 1,3-Dichloropropane	10.647	76	8320	0.83	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.634	63	2578	0.92	ug/l	98
59) 2-Hexanone	10.698	43	23530	2.94	ug/l	97
60) Dibromochloromethane	10.840	129	5604	1.00	ug/l	93
61) 1,2-Dibromoethane	10.945	107	5121	0.94	ug/l	95
64) Tetrachloroethene	10.570	164	6209	1.30	ug/l	91
65) Chlorobenzene	11.374	112	13572	1.13	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.449	131	4851	1.08	ug/l #	54
67) Ethyl Benzene	11.455	91	23838	1.06	ug/l	95
68) m/p-Xylenes	11.565	106	17735	2.17	ug/l	97
69) o-Xylene	11.894	106	8105	1.03	ug/l	97
70) Styrene	11.908	104	13490	1.05	ug/l	96
71) Bromoform	12.071	173	3630	1.05	ug/l #	98
73) Isopropylbenzene	12.195	105	21552	1.11	ug/l	99
74) N-amyl acetate	12.034	43	2513m	0.27	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.452	83	7193	1.05	ug/l	92
76) 1,2,3-Trichloropropane	12.501	75	5924m	0.82	ug/l	
77) Bromobenzene	12.474	156	5219	1.14	ug/l	86
78) n-propylbenzene	12.538	91	22537	0.98	ug/l	98
79) 2-Chlorotoluene	12.619	91	14204	1.03	ug/l	98
80) 1,3,5-Trimethylbenzene	12.678	105	16870	1.03	ug/l	95
82) 4-Chlorotoluene	12.720	91	12638	0.89	ug/l	91
83) tert-Butylbenzene	12.938	119	16136	1.16	ug/l	94
84) 1,2,4-Trimethylbenzene	12.986	105	16610	1.03	ug/l	95
85) sec-Butylbenzene	13.117	105	18934	1.03	ug/l	97
86) p-Isopropyltoluene	13.235	119	17443	1.07	ug/l	96
87) 1,3-Dichlorobenzene	13.230	146	9463	1.15	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	11497m	1.37	ug/l	
89) n-Butylbenzene	13.565	91	14561	0.99	ug/l #	89
90) Hexachloroethane	13.812	117	3057	1.18	ug/l	80
91) 1,2-Dichlorobenzene	13.603	146	9467	1.16	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.217	75	1563m	0.91	ug/l	
93) 1,2,4-Trichlorobenzene	14.858	180	7720	1.67	ug/l	98
94) Hexachlorobutadiene	14.949	225	4016	1.67	ug/l	94
95) Naphthalene	15.075	128	30523	2.03	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	8681	1.76	ug/l	93

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



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

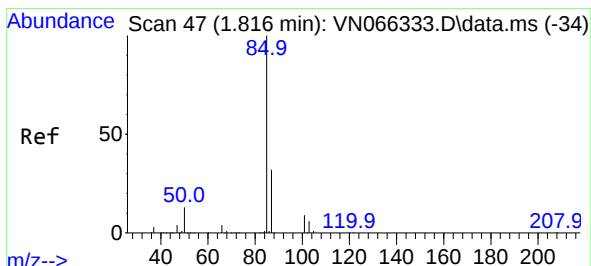
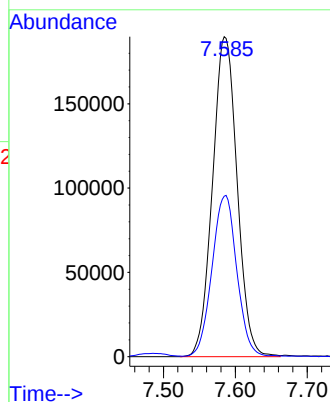
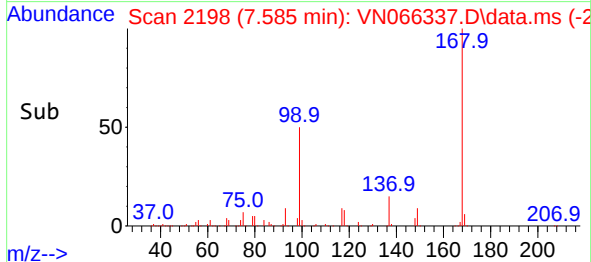
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



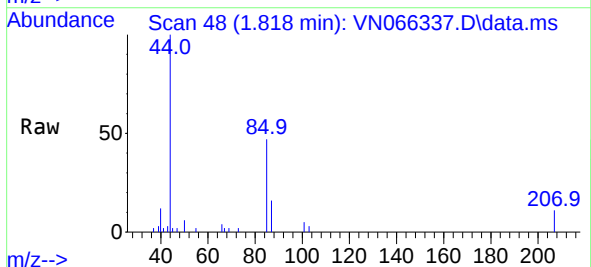
Tgt Ion:168 Resp: 451087
Ion Ratio Lower Upper
168 100
99 50.0 41.1 61.7

Manual Integrations
APPROVED

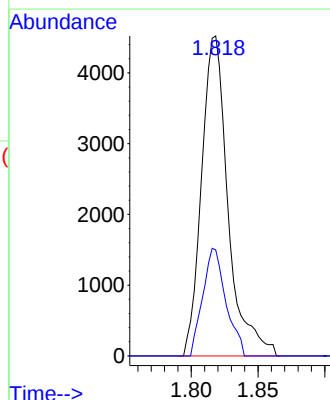
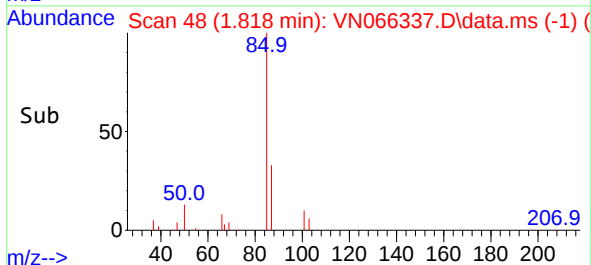
SAM
3/29/2021 5:12:30 PM

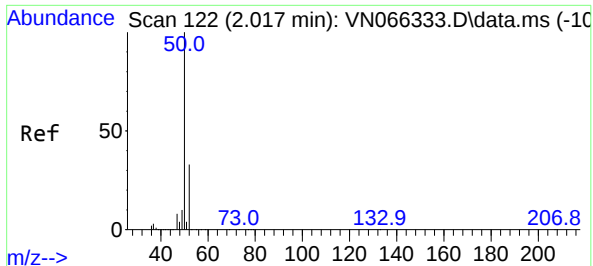


#2
Dichlorodifluoromethane
Concen: 1.11 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



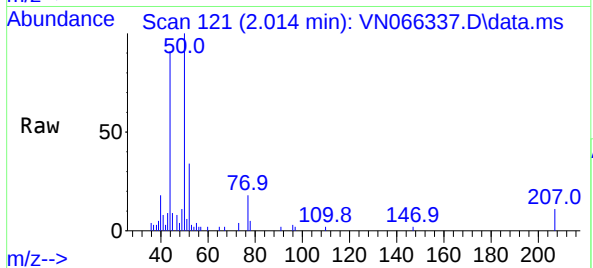
Tgt Ion: 85 Resp: 6237
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





#3
Chloromethane
Concen: 1.09 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

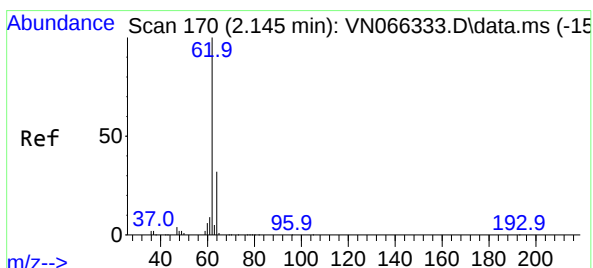
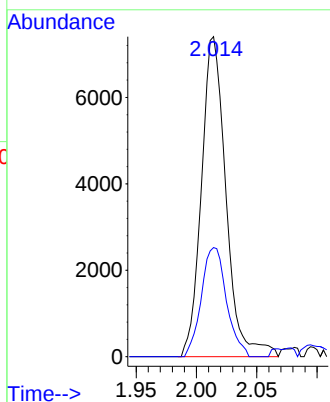
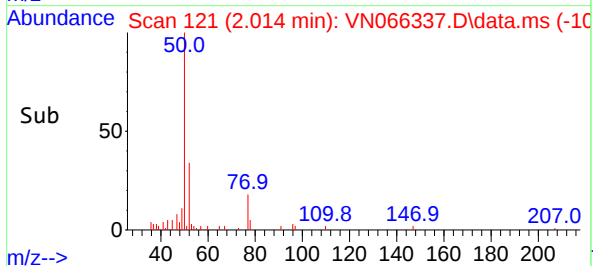
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



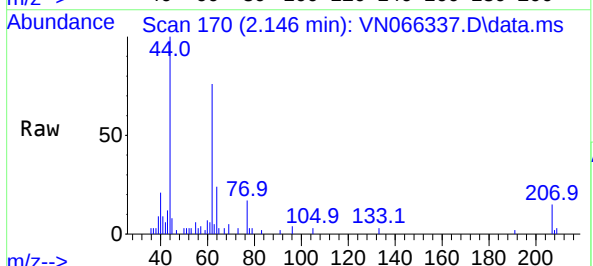
Tgt Ion: 50 Resp: 10479
Ion Ratio Lower Upper
50 100
52 34.1 26.2 39.2

Manual Integrations
APPROVED

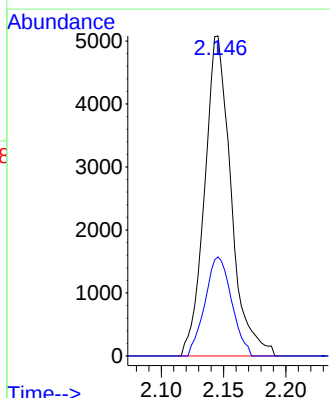
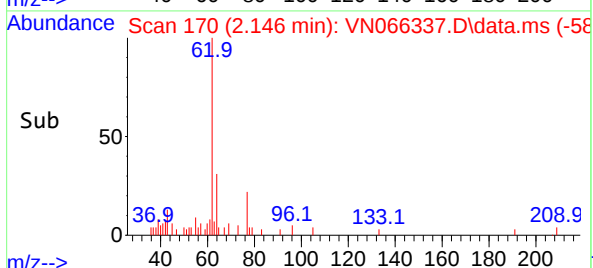
SAM
3/29/2021 5:12:30 PM

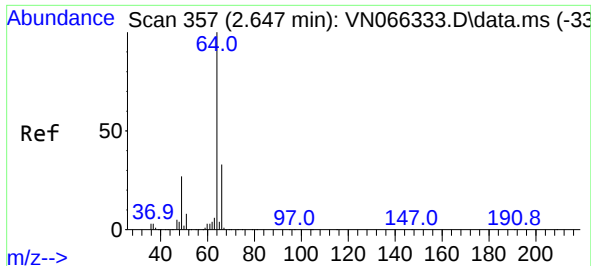


#4
Vinyl Chloride
Concen: 0.96 ug/l
RT: 2.146 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



Tgt Ion: 62 Resp: 7486
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4





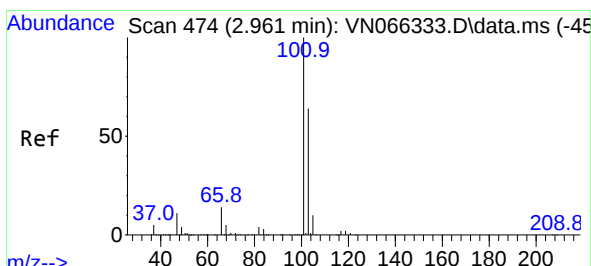
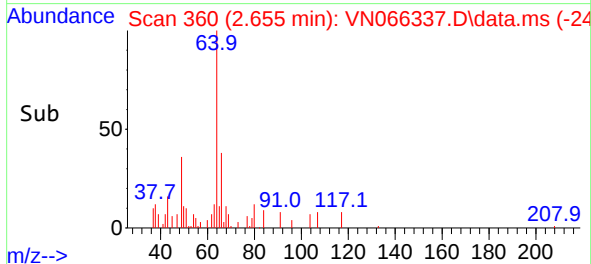
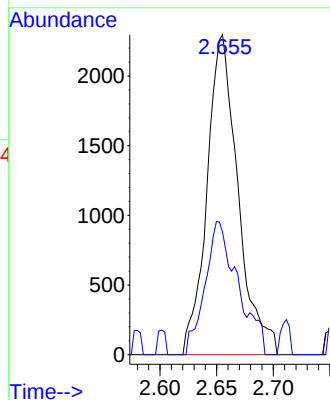
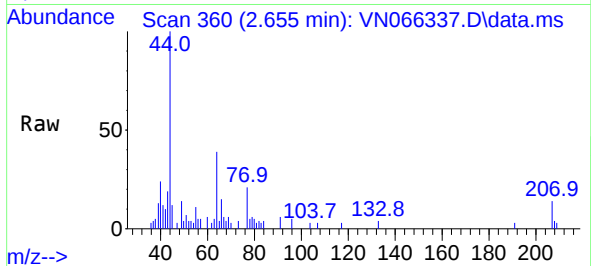
#6
Chloroethane
Concen: 1.01 ug/l
RT: 2.655 min Scan# 360
Delta R.T. 0.008 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 64 Resp: 4381
Ion Ratio Lower Upper
64 100
66 38.5 26.1 39.1

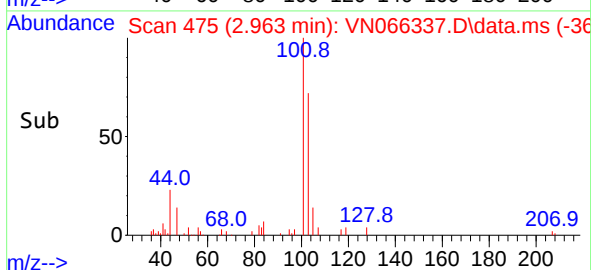
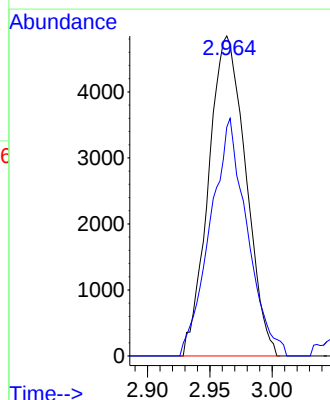
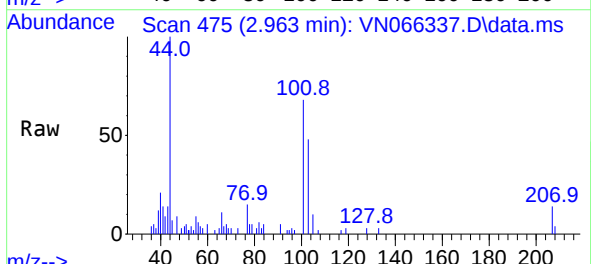
Manual Integrations
APPROVED

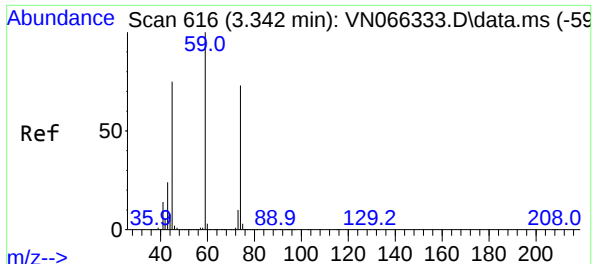
SAM
3/29/2021 5:12:30 PM



#7
Trichlorofluoromethane
Concen: 1.16 ug/l
RT: 2.963 min Scan# 475
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

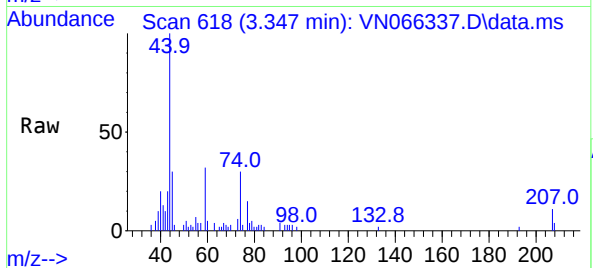
Tgt Ion: 101 Resp: 10096
Ion Ratio Lower Upper
101 100
103 71.5 51.4 77.0





#8
Diethyl Ether
Concen: 1.32 ug/l
RT: 3.347 min Scan# 618
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

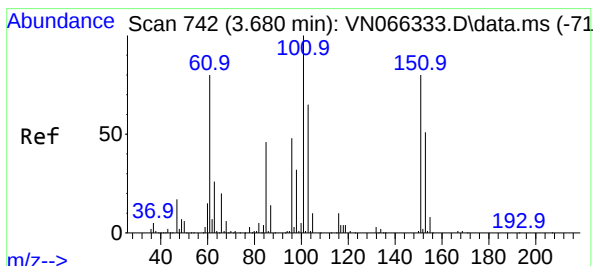
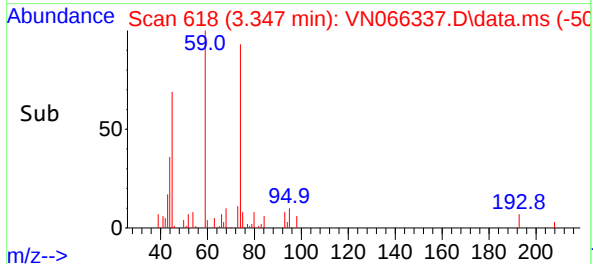
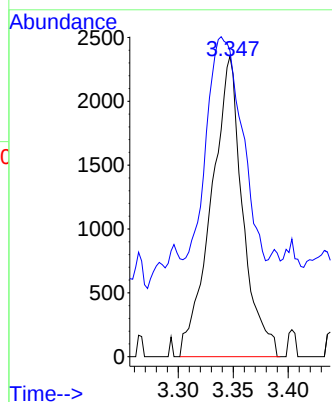
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001



Tgt Ion: 74 Resp: 4678
Ion Ratio Lower Upper
74 100
45 85.3 51.6 154.8

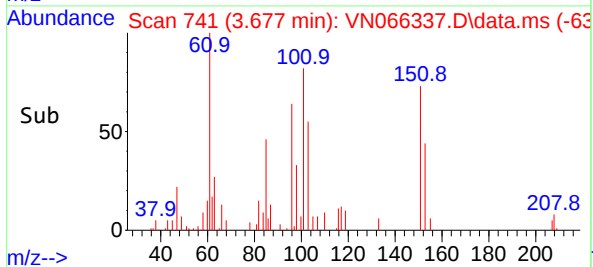
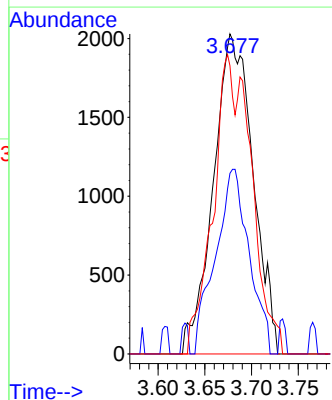
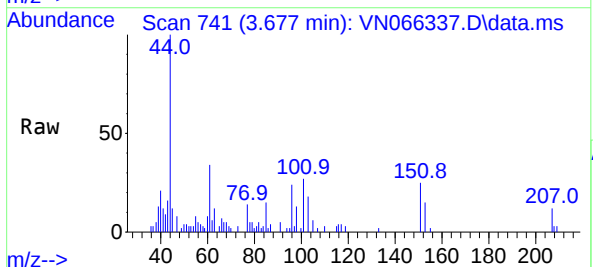
Manual Integrations
APPROVED

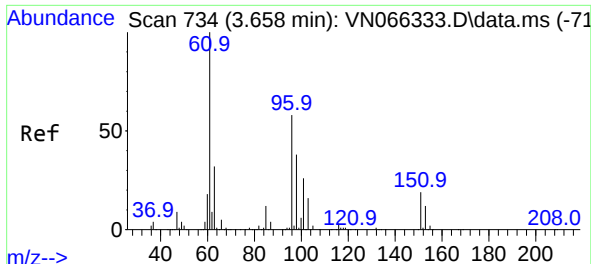
SAM
3/29/2021 5:12:30 PM



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.40 ug/l
RT: 3.677 min Scan# 741
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 101 Resp: 5995
Ion Ratio Lower Upper
101 100
85 49.1 36.8 55.2
151 50.3 63.0 94.4#





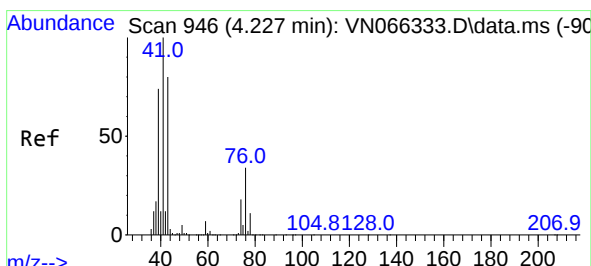
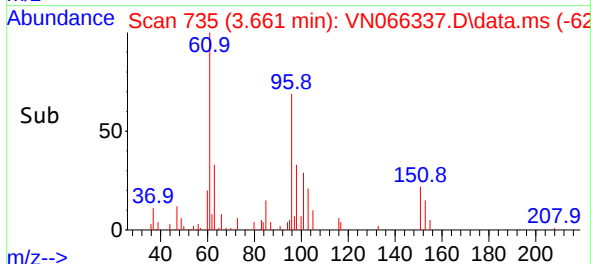
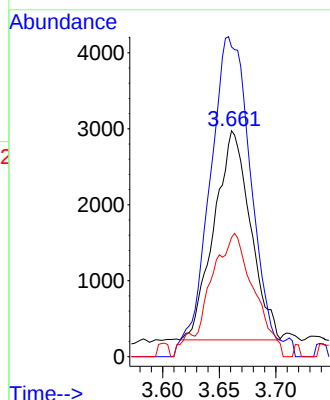
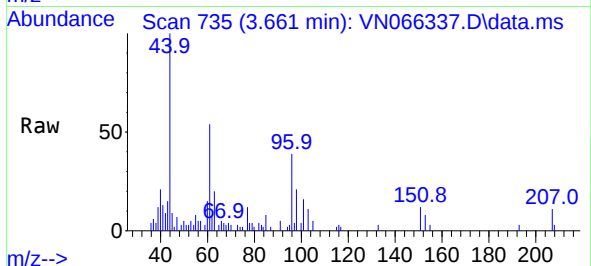
#12
1,1-Dichloroethene
Concen: 1.32 ug/l
RT: 3.661 min Scan# 735
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 96 Resp: 6150
Ion Ratio Lower Upper
96 100
61 140.6 137.0 205.4
98 51.2 51.5 77.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

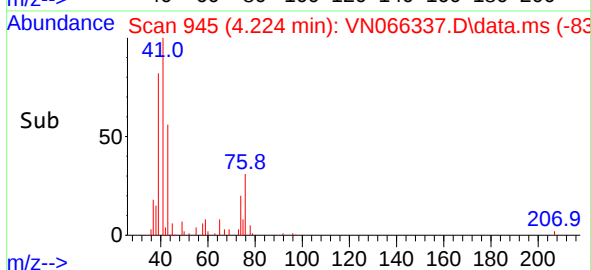
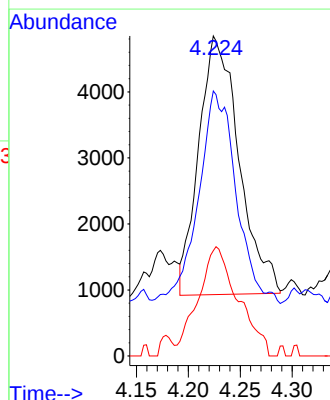
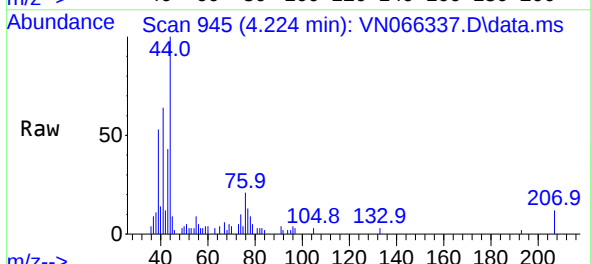
Manual Integrations
APPROVED

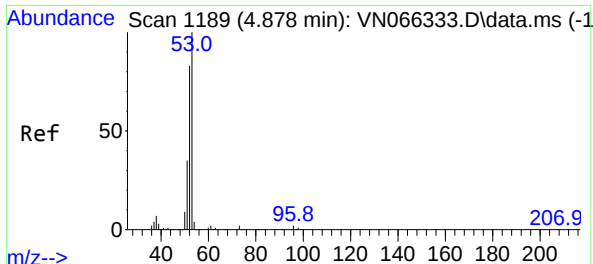
SAM
3/29/2021 5:12:30 PM



#14
Allyl chloride
Concen: 0.79 ug/l
RT: 4.224 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

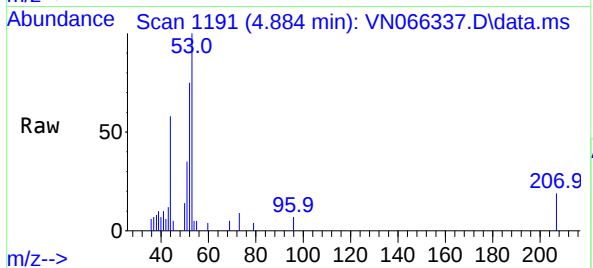
Tgt Ion: 41 Resp: 10556
Ion Ratio Lower Upper
41 100
39 72.9 55.3 82.9
76 42.1 24.6 36.8#





#15
Acrylonitrile
Concen: 3.63 ug/l
RT: 4.884 min Scan# 1191
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

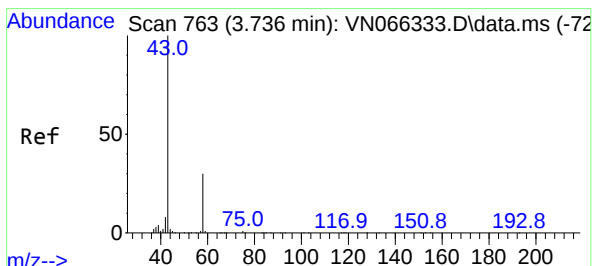
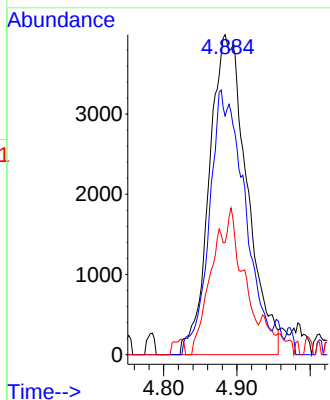
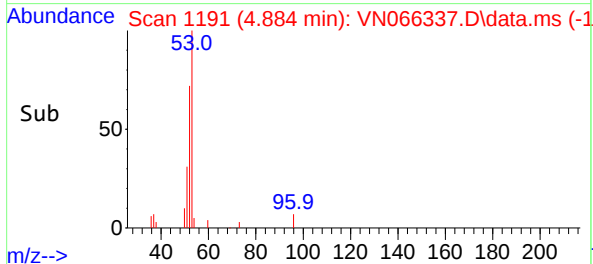
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



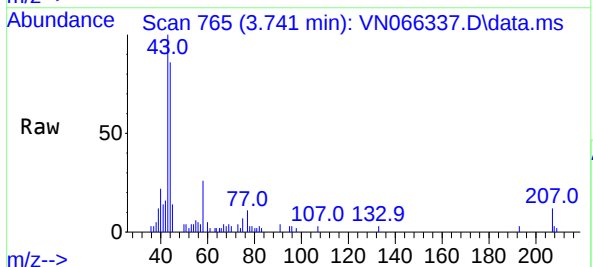
Tgt Ion: 53 Resp: 14182
Ion Ratio Lower Upper
53 100
52 35.6 66.6 99.8#
51 17.4 29.4 44.0#

Manual Integrations
APPROVED

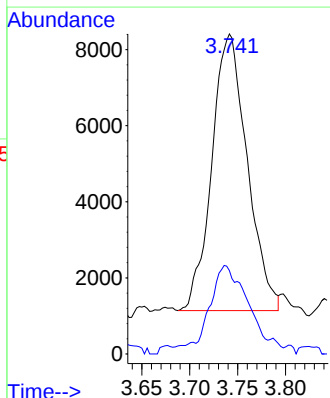
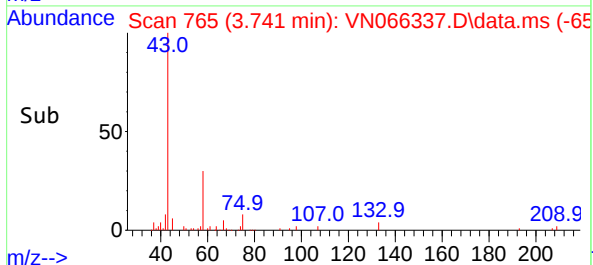
SAM
3/29/2021 5:12:30 PM

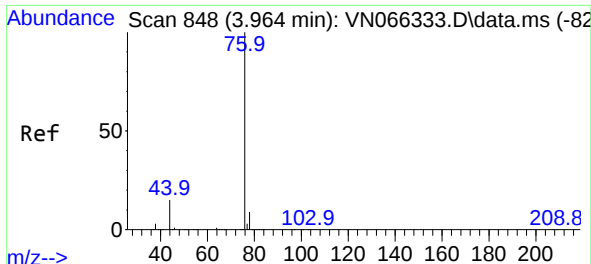


#16
Acetone
Concen: 4.49 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



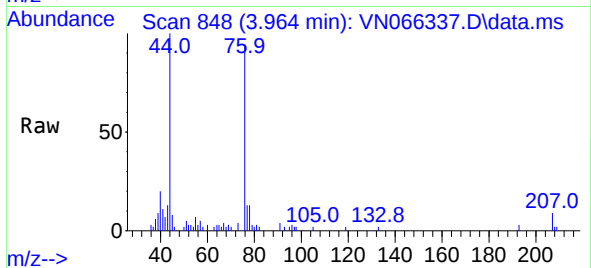
Tgt Ion: 43 Resp: 18683
Ion Ratio Lower Upper
43 100
58 27.2 23.8 35.8





#17
Carbon Disulfide
Concen: 1.57 ug/l
RT: 3.964 min Scan# 848
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

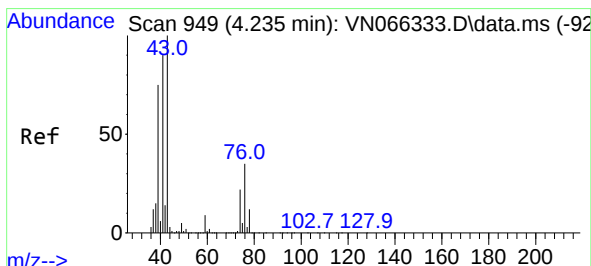
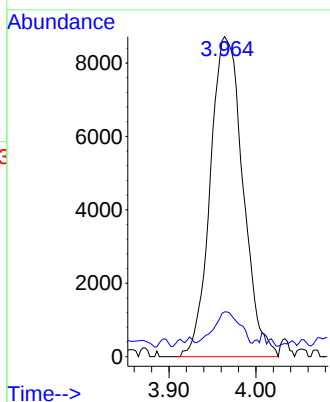
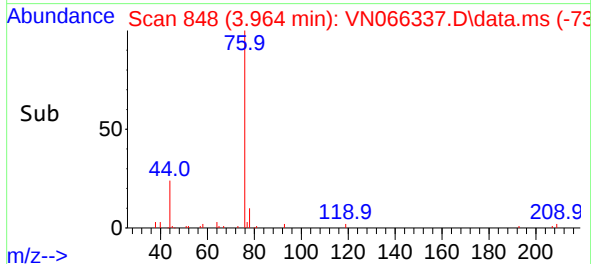
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001



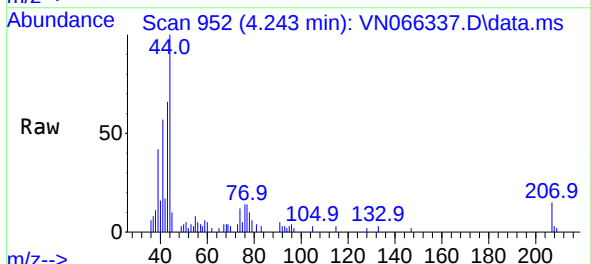
Tgt Ion: 76 Resp: 22756
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

Manual Integrations
APPROVED

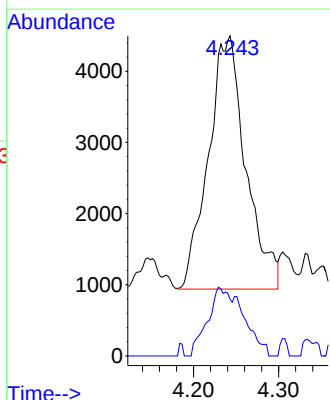
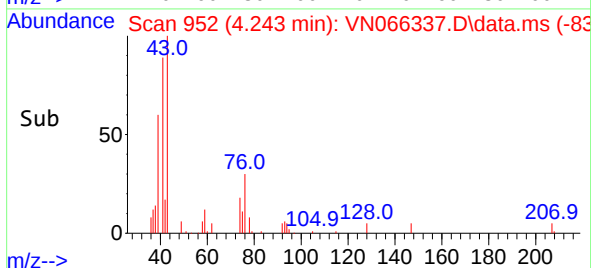
SAM
3/29/2021 5:12:30 PM

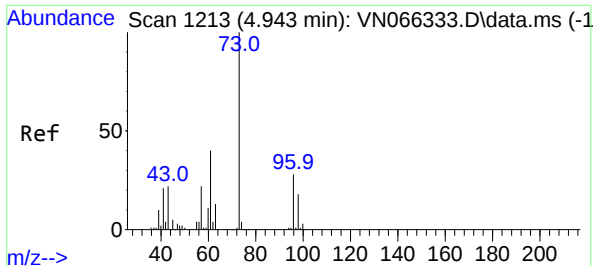


#18
Methyl Acetate
Concen: 1.06 ug/l m
RT: 4.243 min Scan# 952
Delta R.T. 0.008 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



Tgt Ion: 43 Resp: 10858
Ion Ratio Lower Upper
43 100
74 16.5 17.6 26.4#





#19

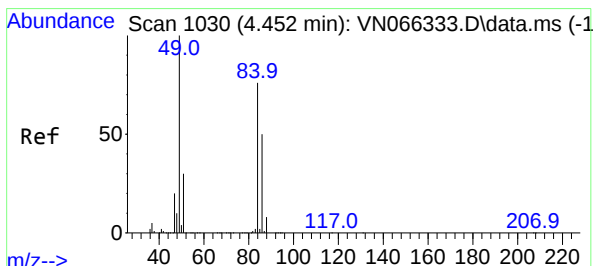
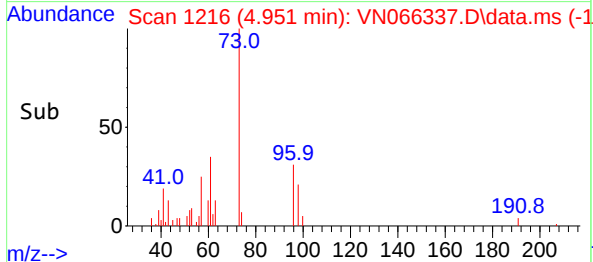
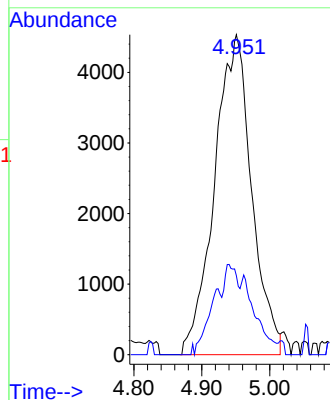
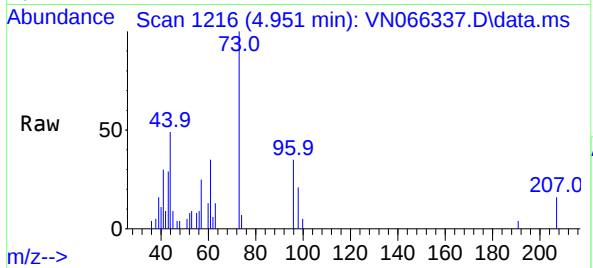
Methyl tert-butyl Ether
Concen: 0.88 ug/l
RT: 4.951 min Scan# 1216
Delta R.T. 0.008 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 73 Resp: 17217
Ion Ratio Lower Upper
73 100
57 24.7 17.6 26.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Manual Integrations
APPROVED

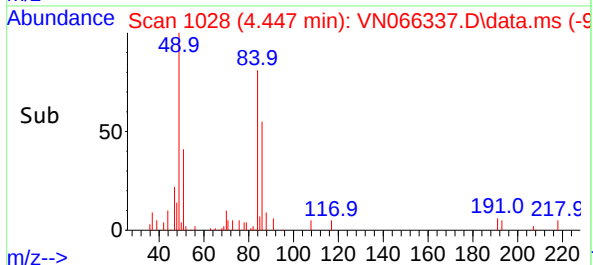
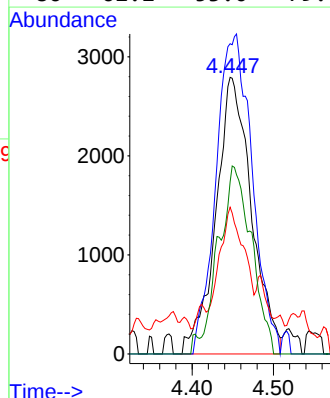
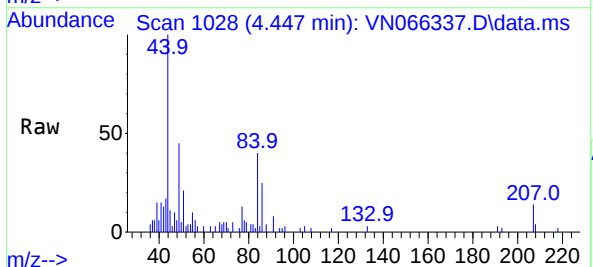
SAM
3/29/2021 5:12:30 PM

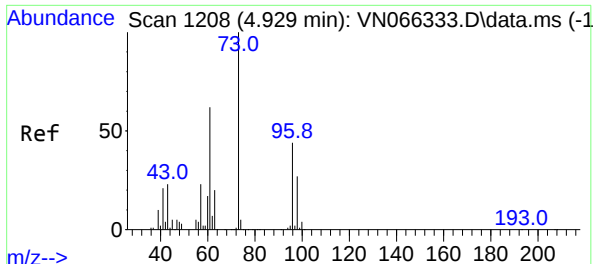


#20

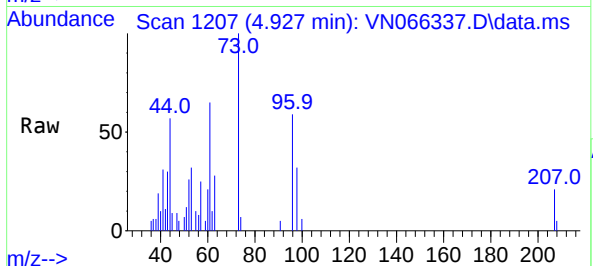
Methylene Chloride
Concen: 1.35 ug/l
RT: 4.447 min Scan# 1028
Delta R.T. -0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 84 Resp: 8494
Ion Ratio Lower Upper
84 100
49 112.2 105.0 157.6
51 41.6 31.6 47.4
86 62.2 53.0 79.6

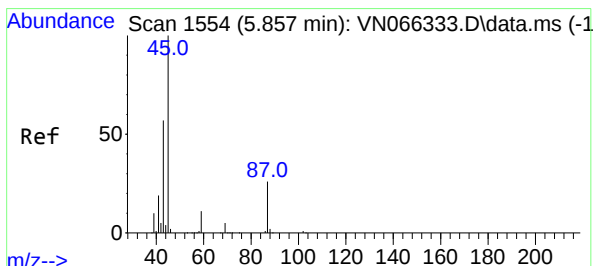
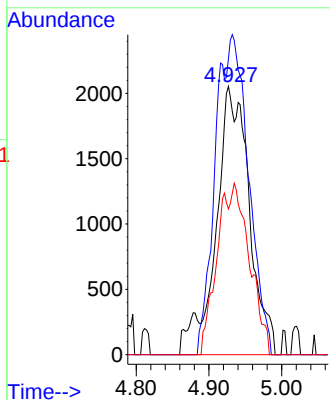
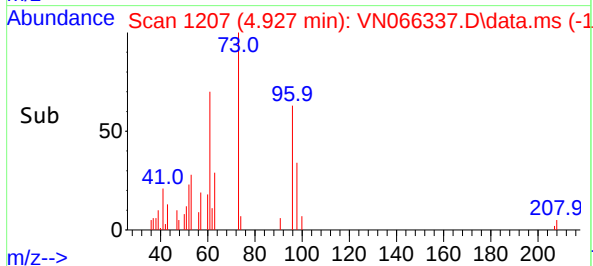




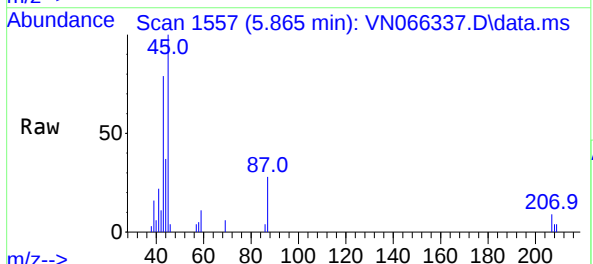
#21
trans-1,2-Dichloroethene
Concen: 1.25 ug/l m
RT: 4.927 min Scan# 1207
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



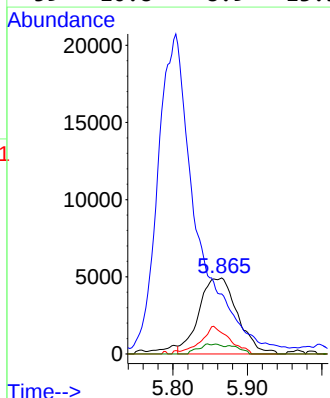
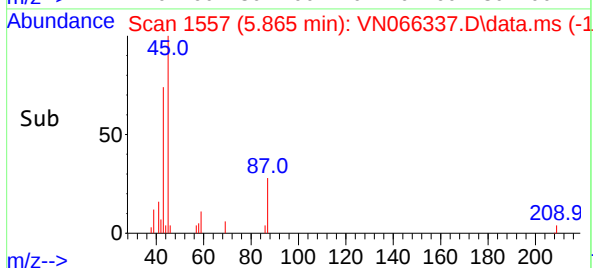
Tgt Ion: 96 Resp: 6553
Ion Ratio Lower Upper
96 100
61 110.3 113.7 170.5#
98 54.3 50.2 75.2



#22
Diisopropyl ether
Concen: 0.68 ug/l m
RT: 5.865 min Scan# 1557
Delta R.T. 0.008 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



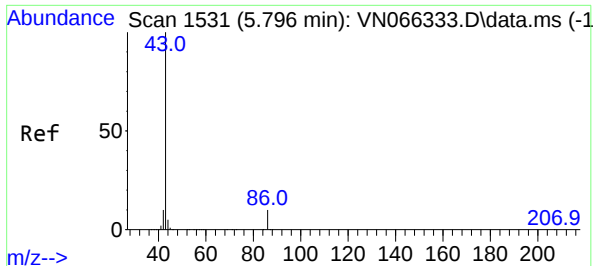
Tgt Ion: 45 Resp: 17597
Ion Ratio Lower Upper
45 100
43 78.8 48.1 72.1#
87 27.9 21.6 32.4
59 10.8 8.9 13.3



Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM



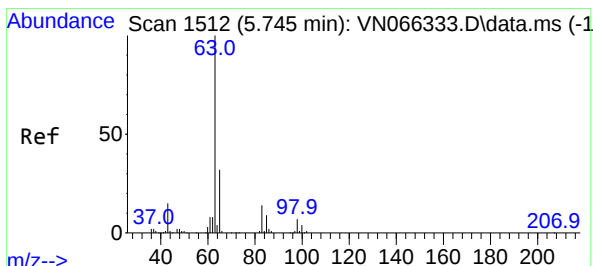
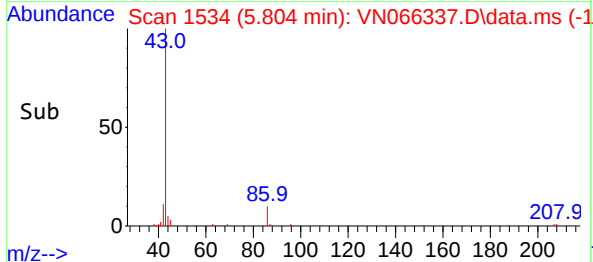
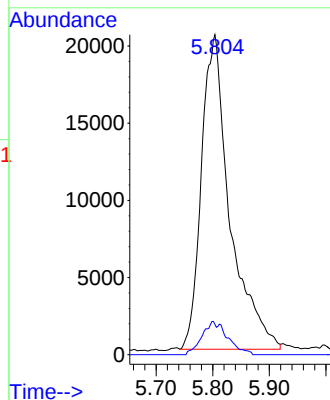
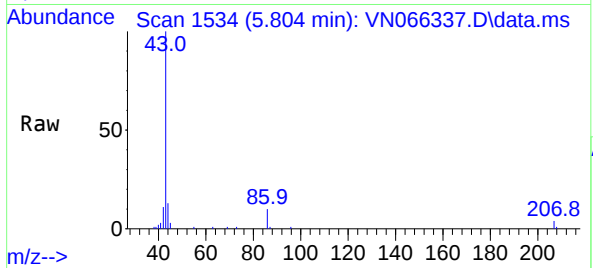
#23
 Vinyl Acetate
 Concen: 3.18 ug/l
 RT: 5.804 min Scan# 1534
 Delta R.T. 0.008 min
 Lab File: VN066337.D
 Acq: 25 Mar 2021 18:06

Tgt Ion: 43 Resp: 70983
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.7 11.5

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

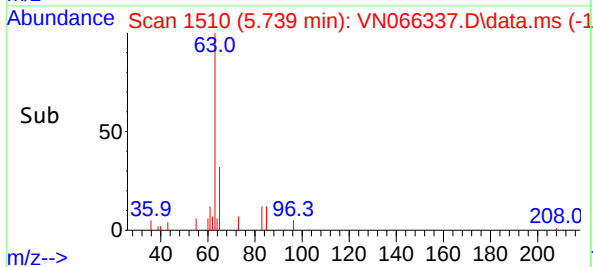
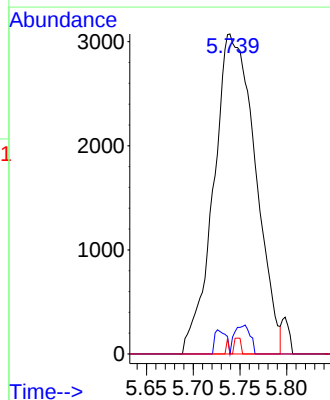
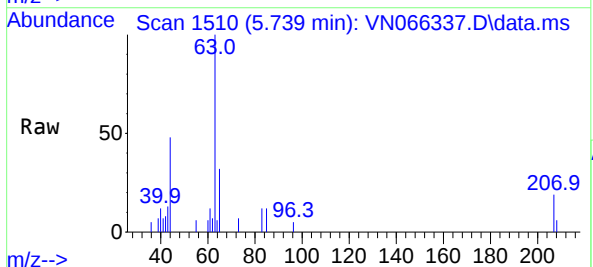
Manual Integrations
 APPROVED

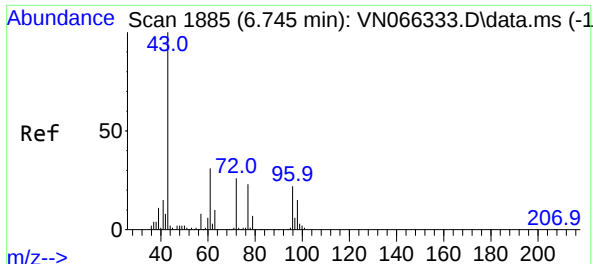
SAM
 3/29/2021 5:12:30 PM



#24
 1,1-Dichloroethane
 Concen: 0.79 ug/l
 RT: 5.739 min Scan# 1510
 Delta R.T. -0.005 min
 Lab File: VN066337.D
 Acq: 25 Mar 2021 18:06

Tgt Ion: 63 Resp: 9544
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.1#
 100 0.0 2.0 6.0#



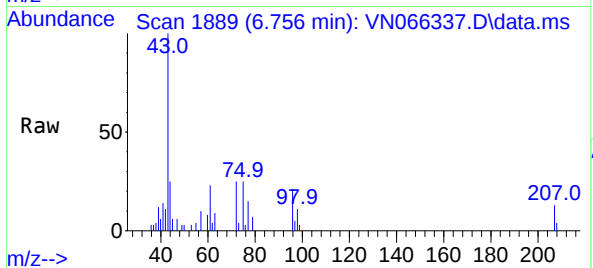


#25
2-Butanone
Concen: 2.72 ug/l
RT: 6.756 min Scan# 1889
Delta R.T. 0.011 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

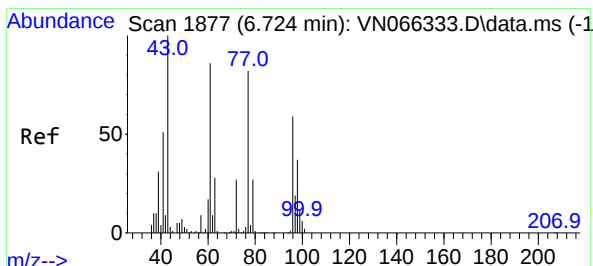
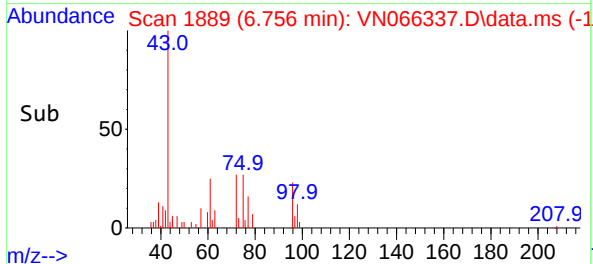
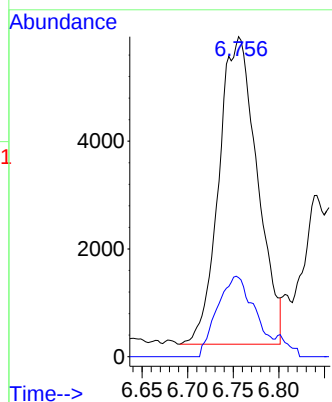
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM

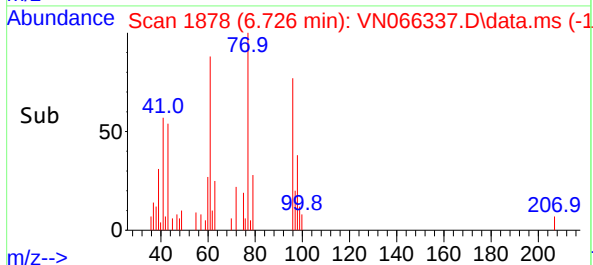
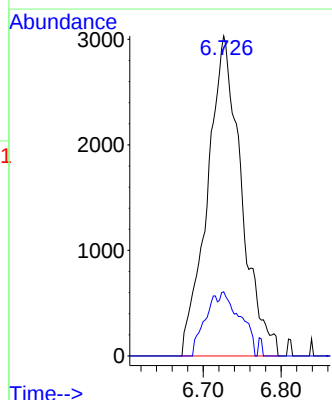
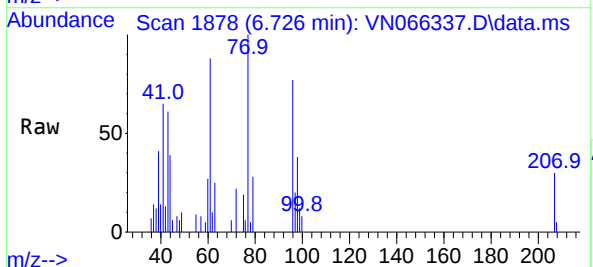


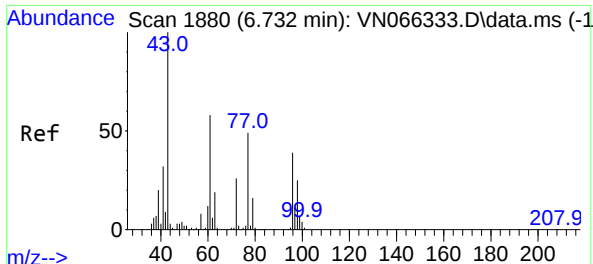
Tgt Ion: 43 Resp: 16673
Ion Ratio Lower Upper
43 100
72 25.7 20.7 31.1



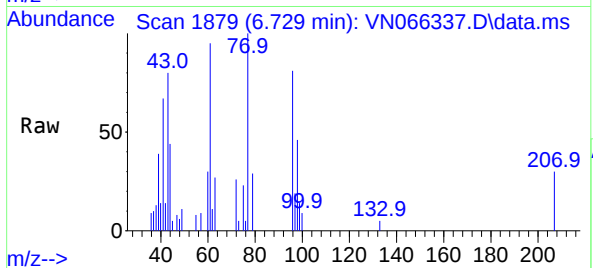
#26
2,2-Dichloropropane
Concen: 0.90 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 77 Resp: 9173
Ion Ratio Lower Upper
77 100
97 7.8 11.6 34.7#



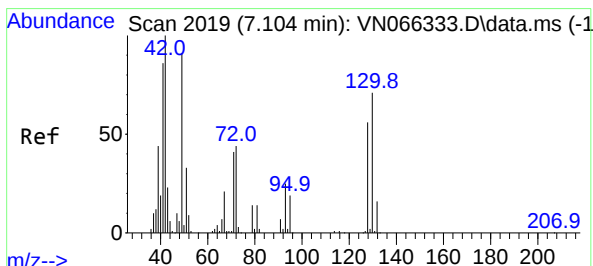
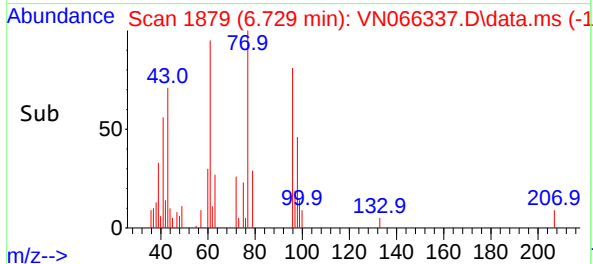
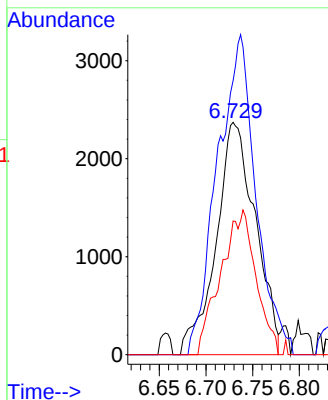


#27
cis-1,2-Dichloroethene
Concen: 1.09 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

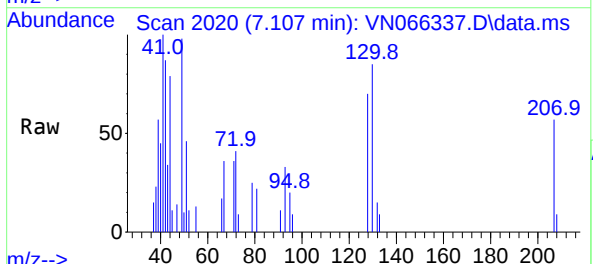


Tgt Ion: 96 Resp: 6935

Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	296.2
98	29.4	0.0	129.2

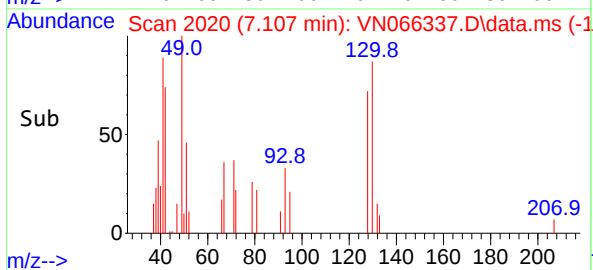
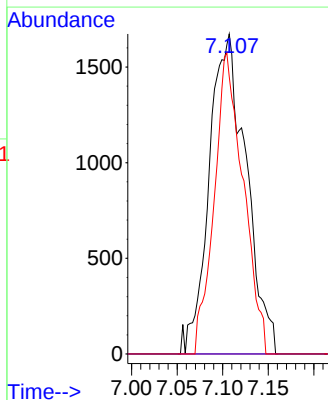


#28
Bromochloromethane
Concen: 0.68 ug/l
RT: 7.107 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



Tgt Ion: 49 Resp: 4694

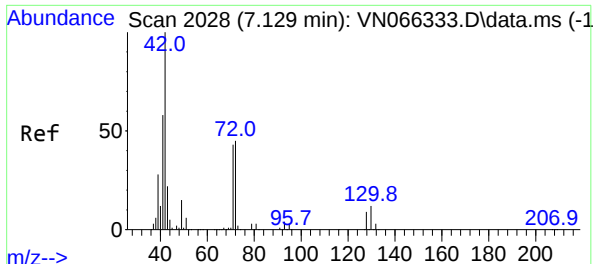
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	74.1	61.6	92.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM



#29
Tetrahydrofuran
Concen: 2.71 ug/l
RT: 7.134 min Scan# 2030
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

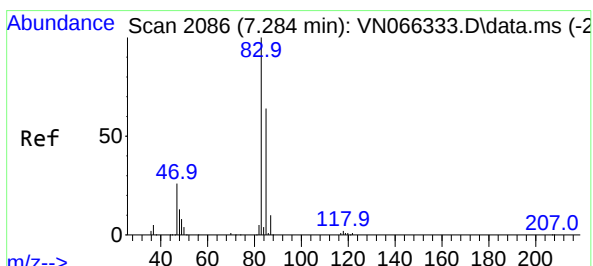
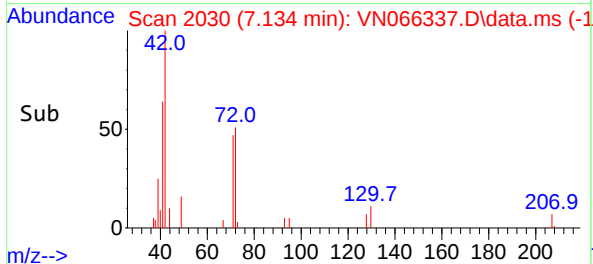
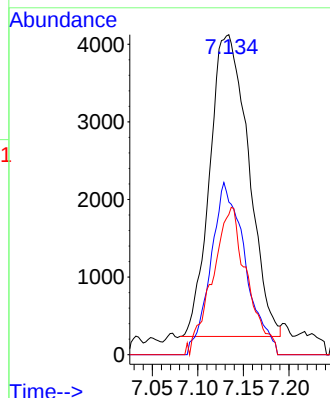
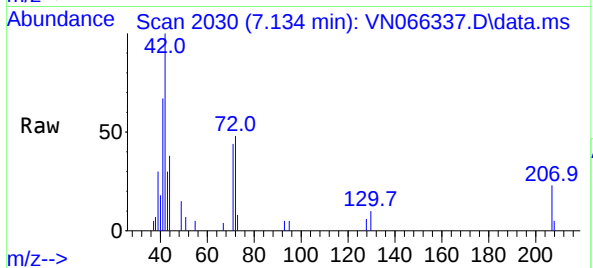
Tgt Ion: 42 Resp: 11474

Ion	Ratio	Lower	Upper
42	100		
72	50.7	35.2	52.8
71	43.8	33.1	49.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

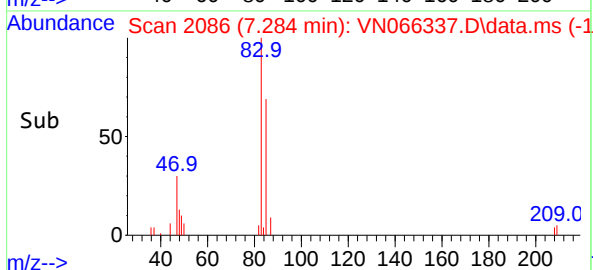
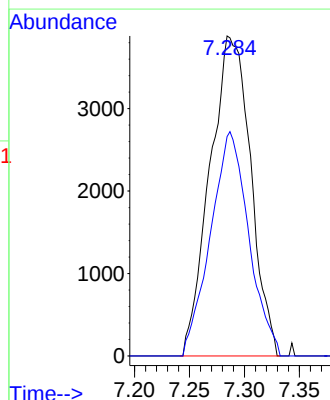
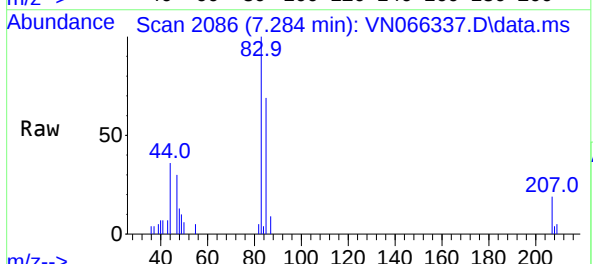
SAM
3/29/2021 5:12:30 PM

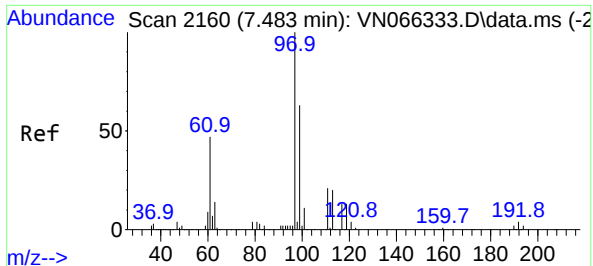


#30
Chloroform
Concen: 0.90 ug/l
RT: 7.284 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 83 Resp: 10000

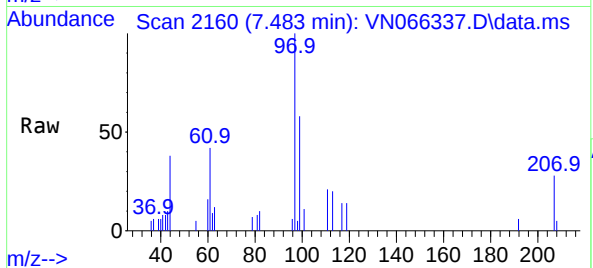
Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.3	76.9





#32
1,1,1-Trichloroethane
Concen: 0.95 ug/l
RT: 7.483 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

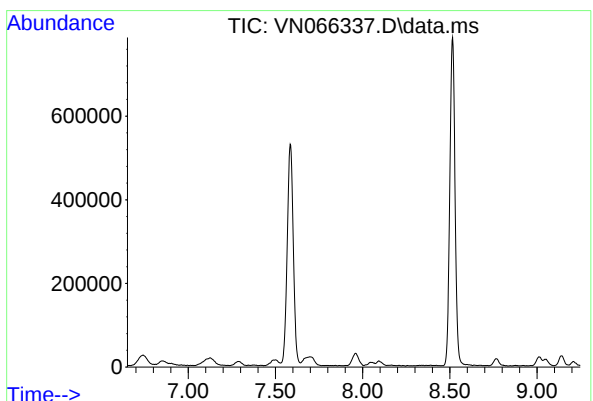
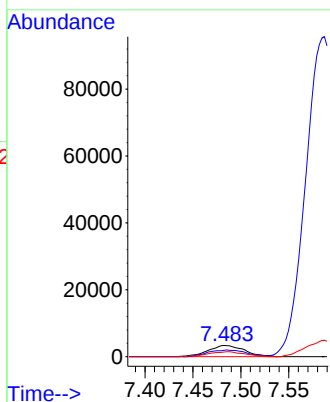
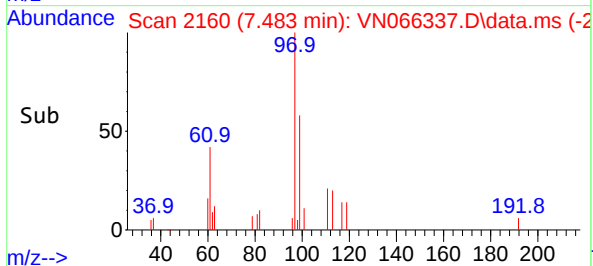
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 8846
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 43.4 36.9 55.3

Manual Integrations
APPROVED

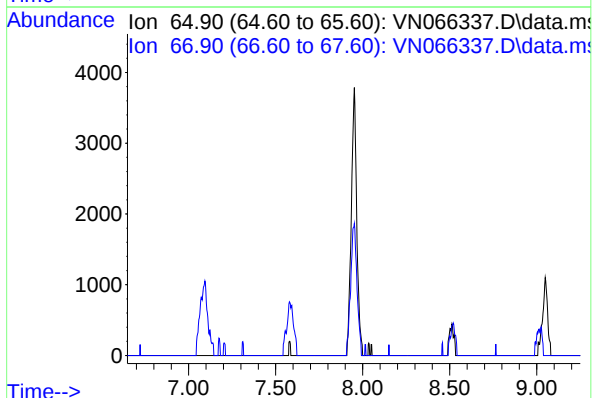
SAM
3/29/2021 5:12:30 PM

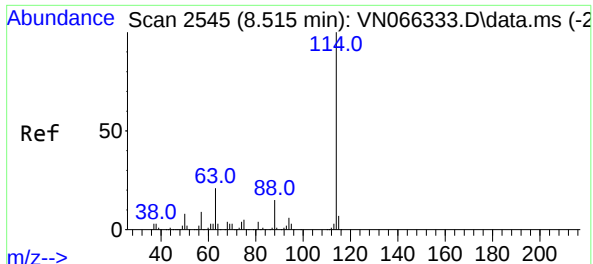


#33
1,2-Dichloroethane-d4
Concen: 0.00 ug/l
Expected RT: 7.95 min

Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.6





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

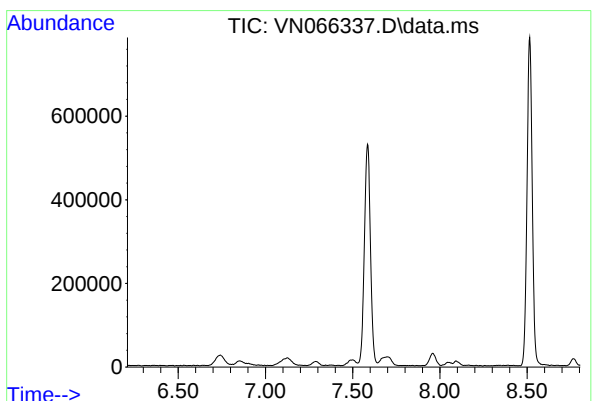
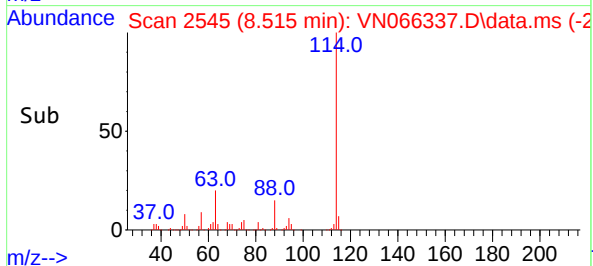
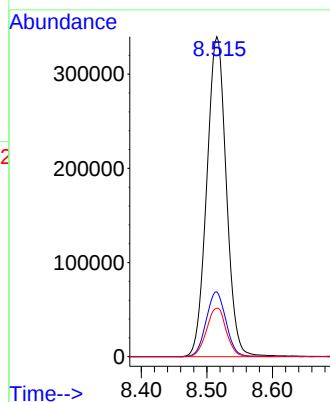
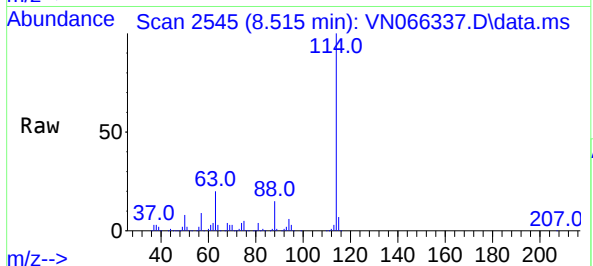
Tgt Ion: 114 Resp: 702452

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.0
88	15.2	0.0	31.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM

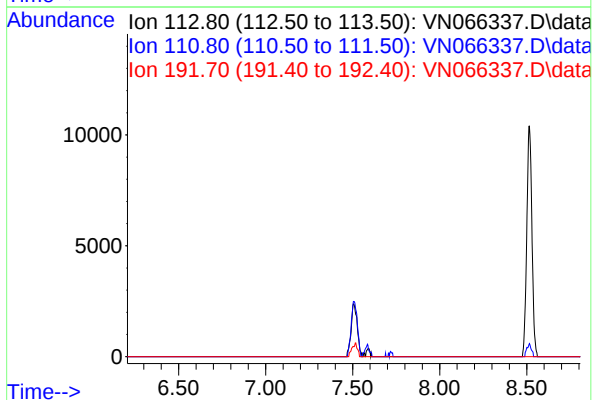


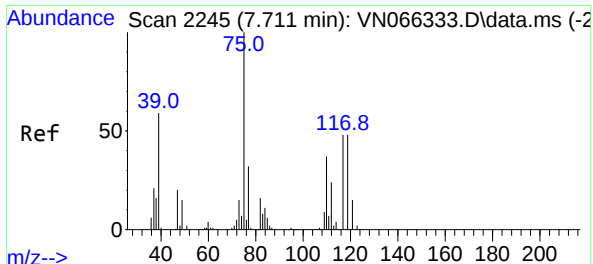
#35
Dibromofluoromethane
Concen: 0.00 ug/l
Expected RT: 7.51 min

Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	102.3
192	21.4





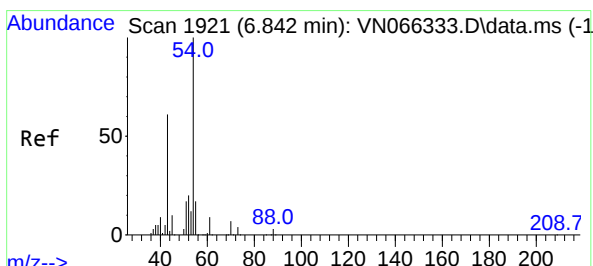
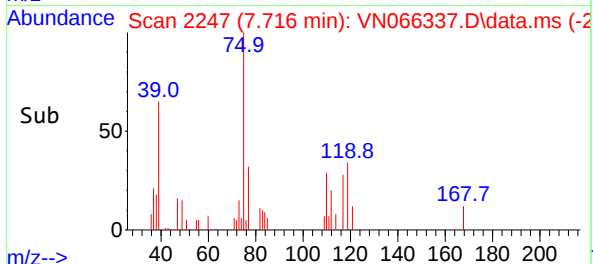
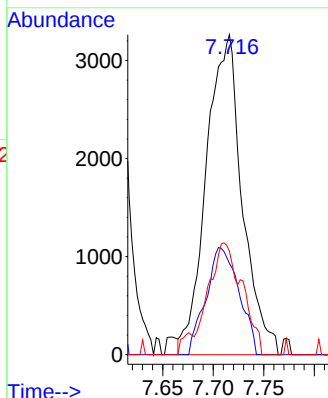
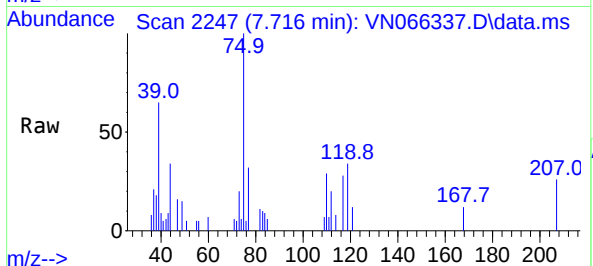
#36
1,1-Dichloropropene
Concen: 1.04 ug/l
RT: 7.716 min Scan# 2247
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	75	Resp:	8060
Ion	Ratio	Lower	Upper
75	100		
110	30.8	18.1	54.3
77	32.5	25.0	37.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

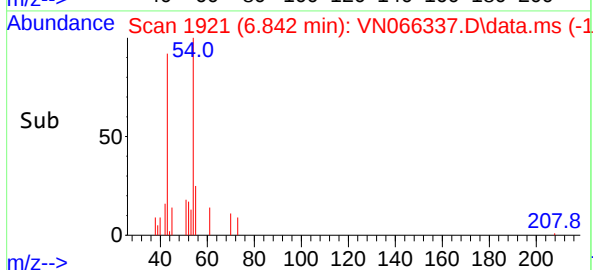
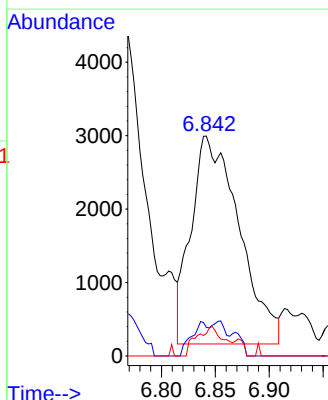
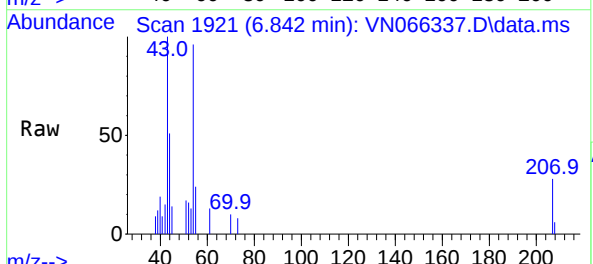
Manual Integrations
APPROVED

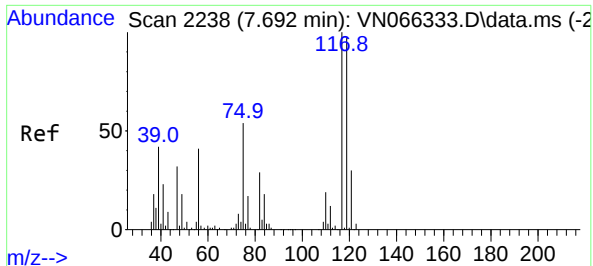
SAM
3/29/2021 5:12:30 PM



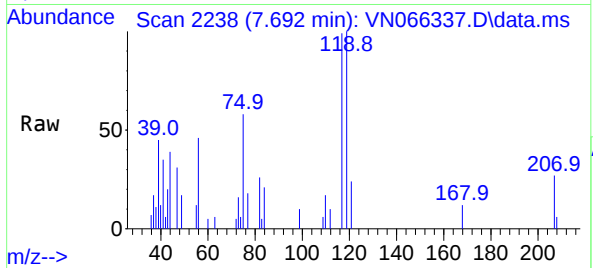
#37
Ethyl Acetate
Concen: 0.77 ug/l m
RT: 6.842 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	43	Resp:	8760
Ion	Ratio	Lower	Upper
43	100		
61	5.9	11.1	16.7#
70	7.9	8.0	12.0#

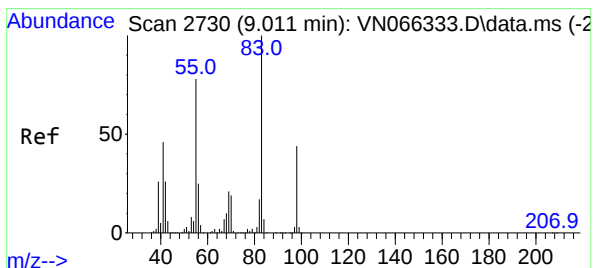
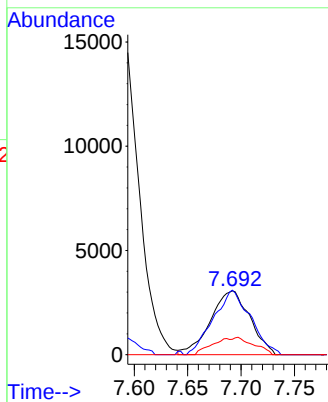
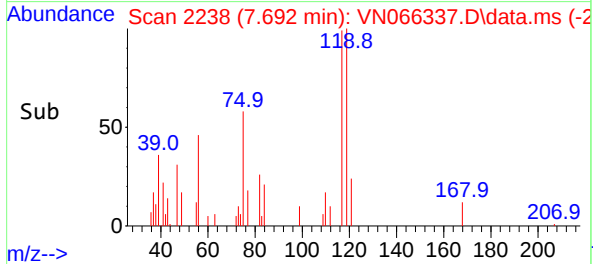




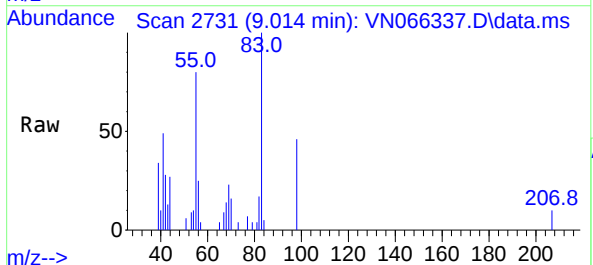
#38
Carbon Tetrachloride
Concen: 1.14 ug/l
RT: 7.692 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



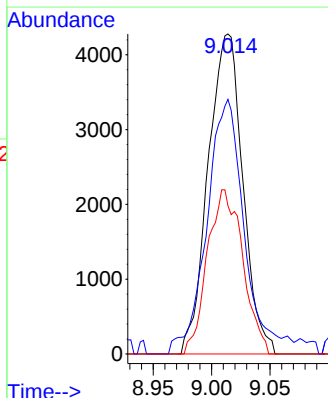
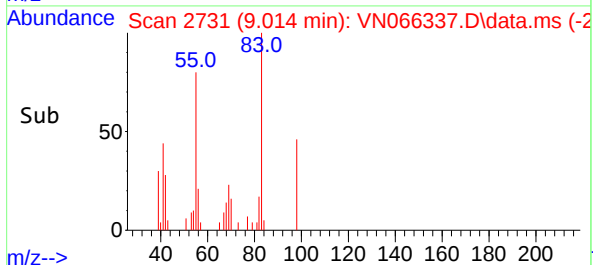
Tgt Ion: 117 Resp: 7839
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8
121 24.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 1.05 ug/l
RT: 9.014 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



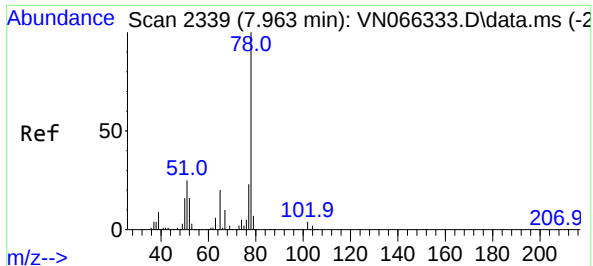
Tgt Ion: 83 Resp: 8831
Ion Ratio Lower Upper
83 100
55 74.4 62.3 93.5
98 46.3 35.6 53.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

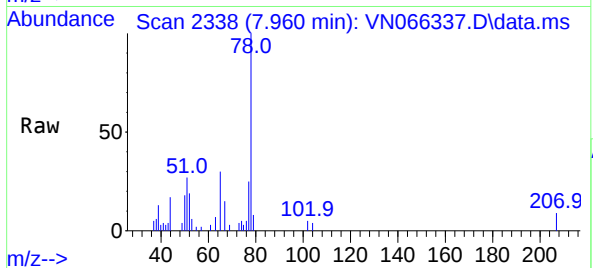
Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM



#40
Benzene
Concen: 1.01 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

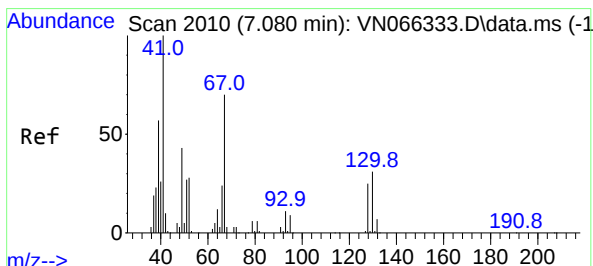
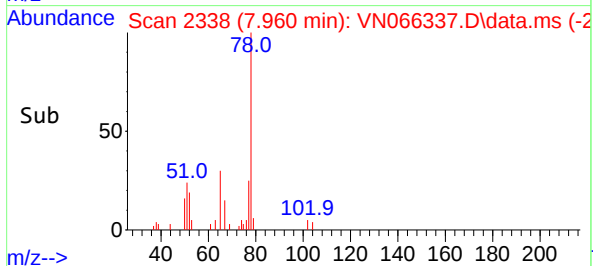
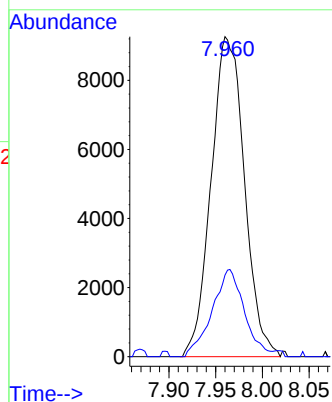
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 78 Resp: 22954
Ion Ratio Lower Upper
78 100
77 25.5 18.7 28.1

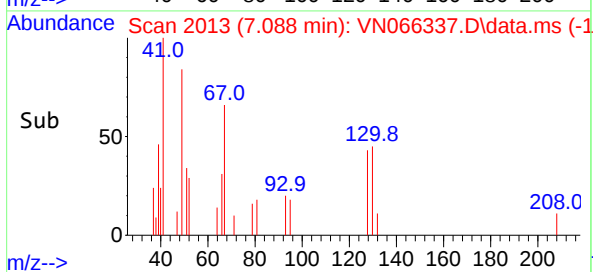
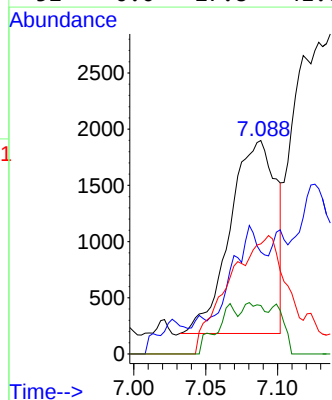
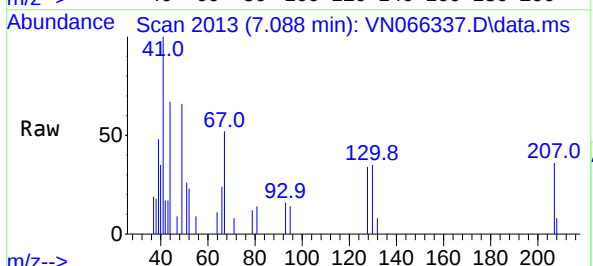
Manual Integrations
APPROVED

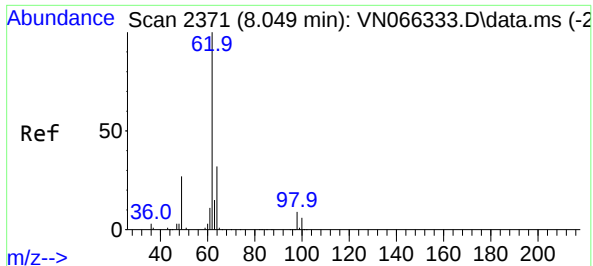
SAM
3/29/2021 5:12:30 PM



#41
Methacrylonitrile
Concen: 0.70 ug/l
RT: 7.088 min Scan# 2013
Delta R.T. 0.008 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 41 Resp: 3811
Ion Ratio Lower Upper
41 100
39 3.3 51.7 77.5#
67 77.4 68.5 102.7
52 0.0 27.8 41.6#





#42

1,2-Dichloroethane

Concen: 0.89 ug/l

RT: 8.043 min Scan# 2369

Delta R.T. -0.005 min

Lab File: VN066337.D

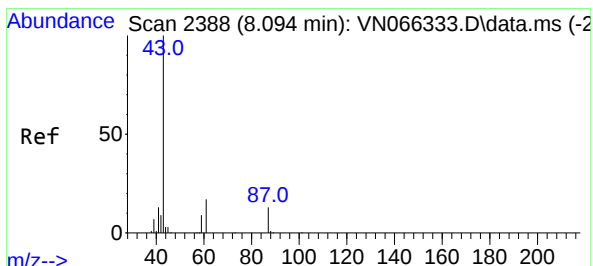
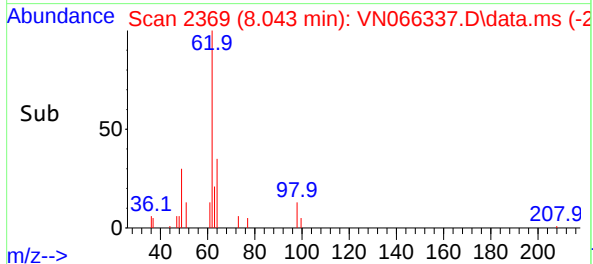
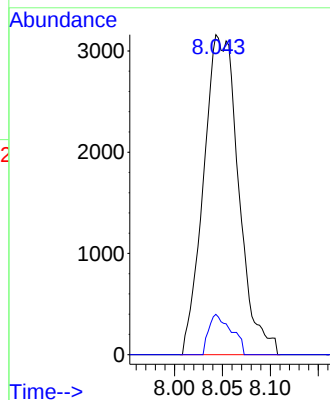
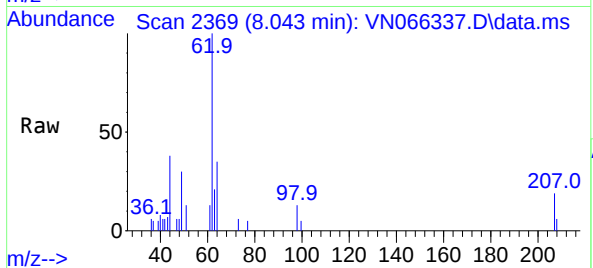
Acq: 25 Mar 2021 18:06

Tgt Ion: 62 Resp: 8013

Ion Ratio Lower Upper

62 100

98 8.1 0.0 17.6



#43

Isopropyl Acetate

Concen: 0.67 ug/l

RT: 8.091 min Scan# 2387

Delta R.T. -0.003 min

Lab File: VN066337.D

Acq: 25 Mar 2021 18:06

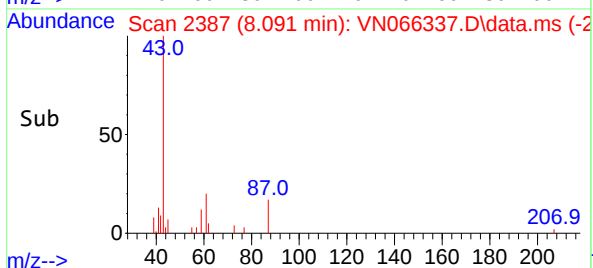
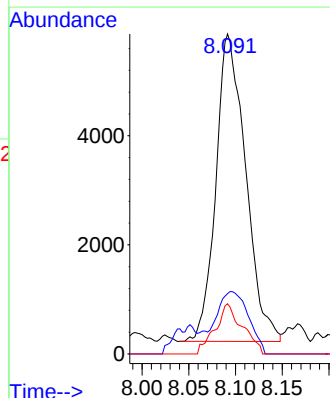
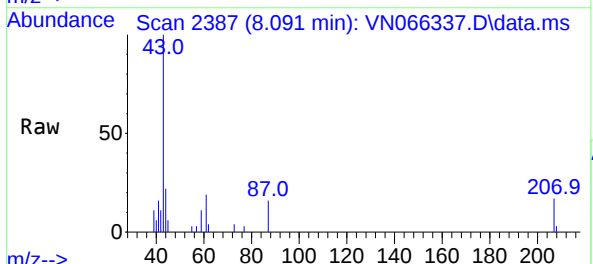
Tgt Ion: 43 Resp: 12468

Ion Ratio Lower Upper

43 100

61 21.5 15.5 23.3

87 15.0 10.5 15.7



Instrument :

MSVOA_N

ClientSampleId :

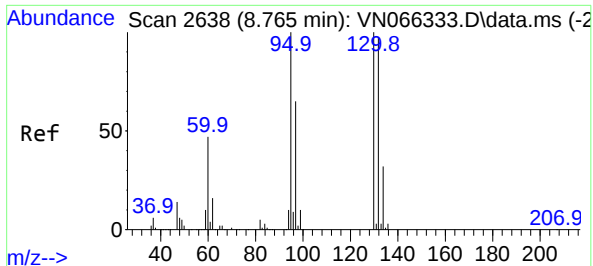
VSTDIC001

Manual Integrations

APPROVED

SAM

3/29/2021 5:12:30 PM



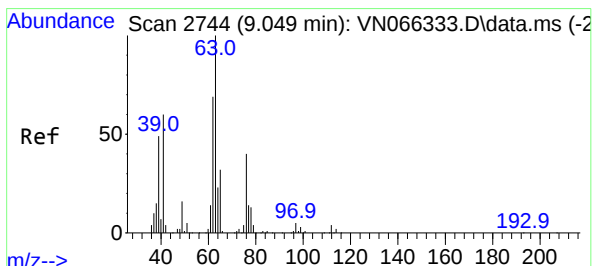
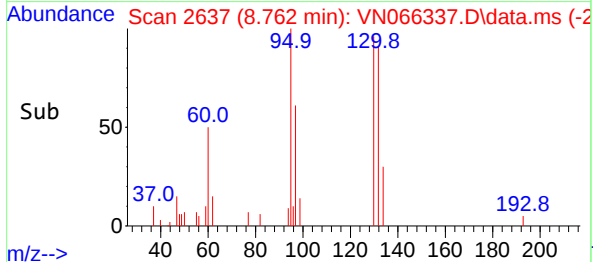
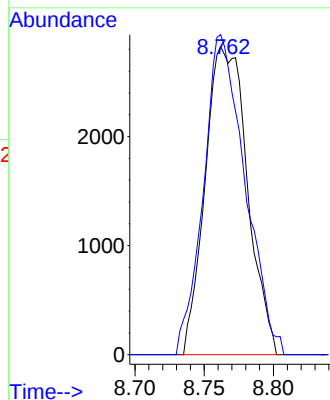
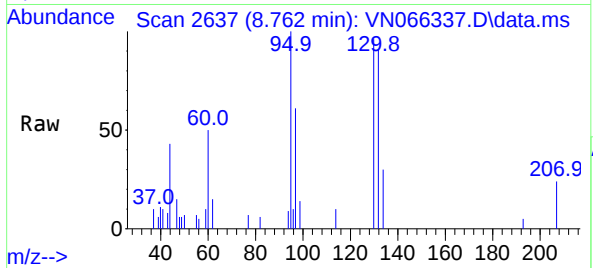
#44
Trichloroethene
Concen: 1.09 ug/l
RT: 8.762 min Scan# 2637
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:130 Resp: 5966
Ion Ratio Lower Upper
130 100
95 98.0 0.0 200.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

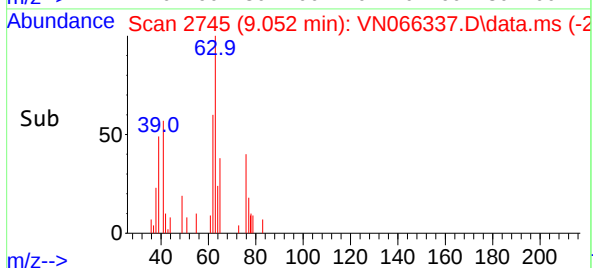
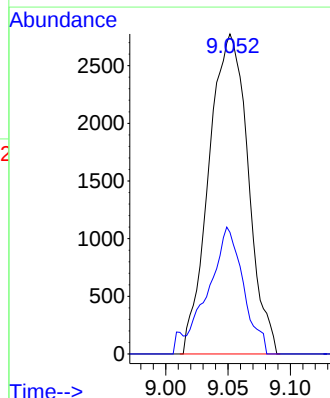
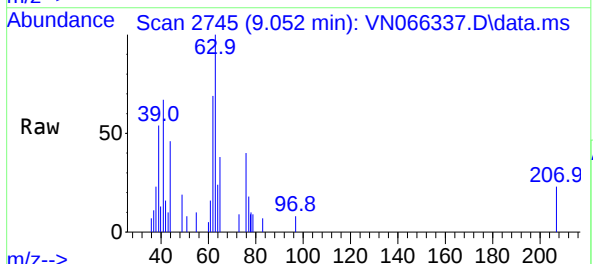
Manual Integrations
APPROVED

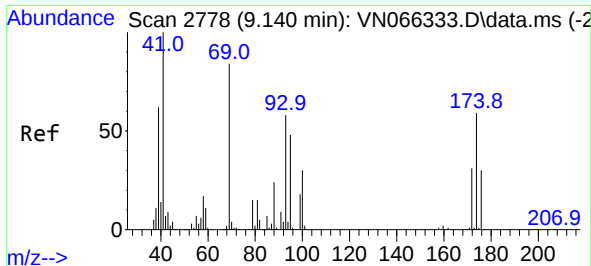
SAM
3/29/2021 5:12:30 PM



#45
1,2-Dichloropropane
Concen: 0.90 ug/l
RT: 9.052 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 63 Resp: 6068
Ion Ratio Lower Upper
63 100
65 38.0 25.5 38.3





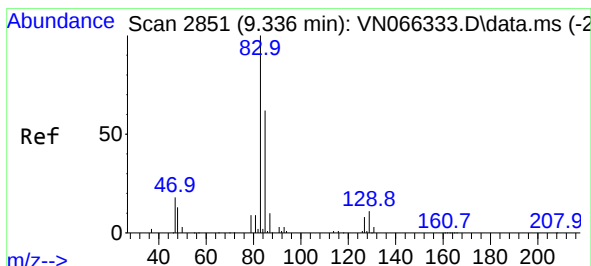
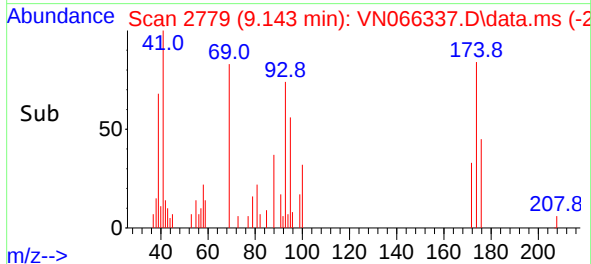
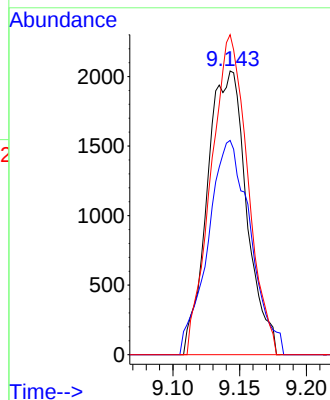
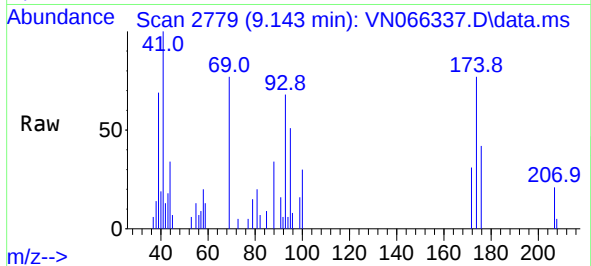
#46
Dibromomethane
Concen: 1.11 ug/l
RT: 9.143 min Scan# 2779
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	93	Resp:	4175
Ion	Ratio	Lower	Upper
93	100		
95	81.6	66.8	100.2
174	105.5	83.2	124.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

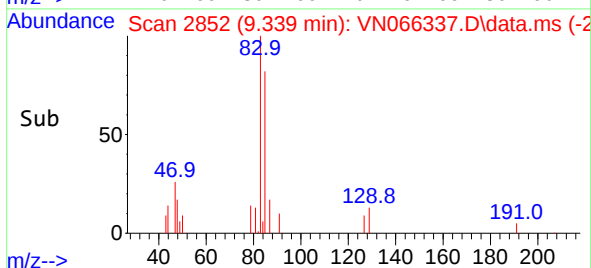
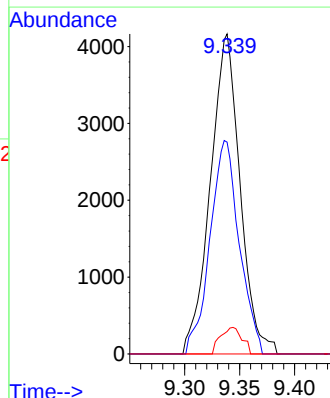
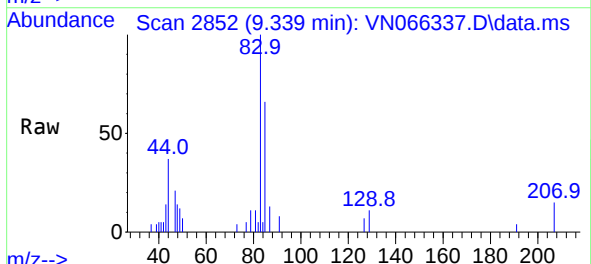
Manual Integrations
APPROVED

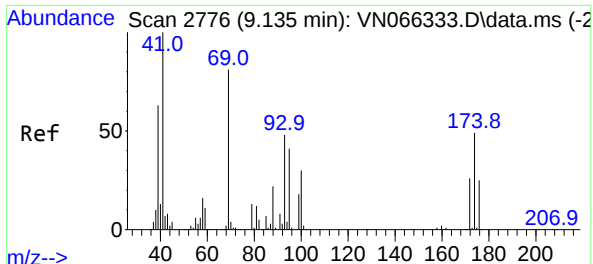
SAM
3/29/2021 5:12:30 PM



#47
Bromodichloromethane
Concen: 0.95 ug/l
RT: 9.339 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	83	Resp:	7831
Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.4	74.2
127	7.0	6.7	10.1





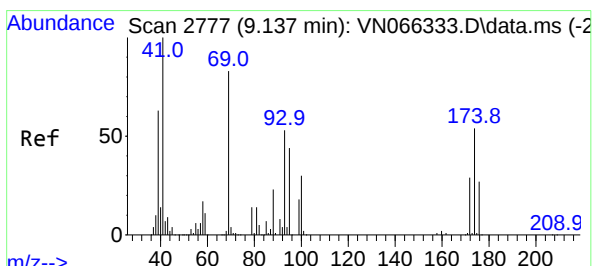
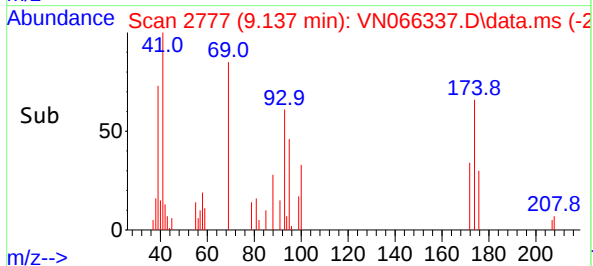
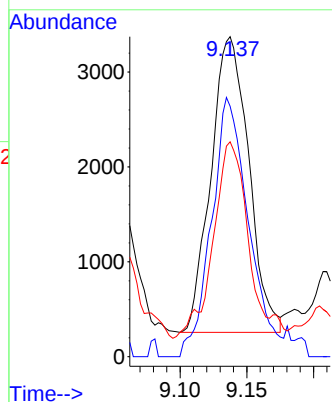
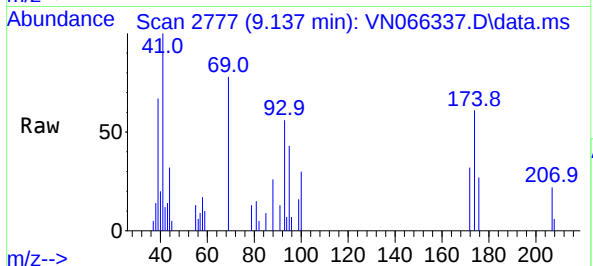
#48
Methyl methacrylate
Concen: 0.68 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	41	Resp:	6133
Ion Ratio	Lower	Upper	
41	100		
69	85.9	66.2	99.4
39	59.3	51.5	77.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

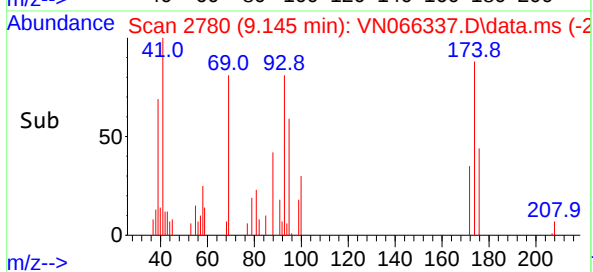
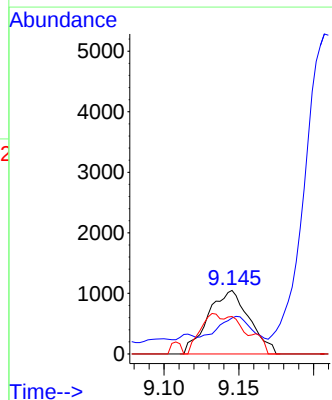
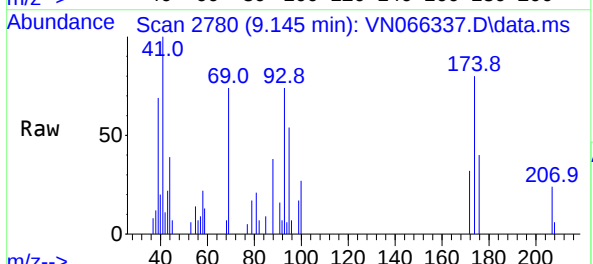
Manual Integrations
APPROVED

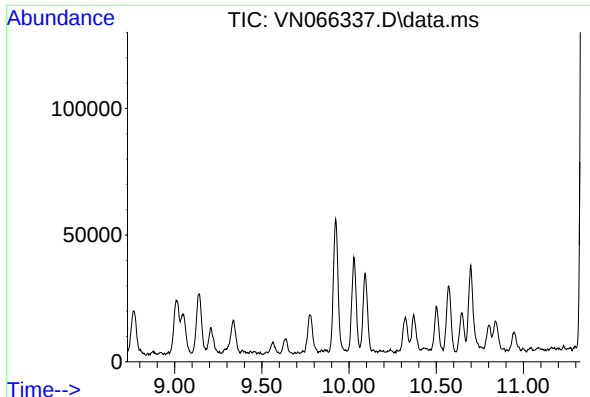
SAM
3/29/2021 5:12:30 PM



#49
1,4-Dioxane
Concen: 23.16 ug/l
RT: 9.145 min Scan# 2780
Delta R.T. 0.008 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	88	Resp:	2010
Ion Ratio	Lower	Upper	
88	100		
43	25.5	28.2	42.4#
58	35.8	56.6	84.8#





#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 10.03 min

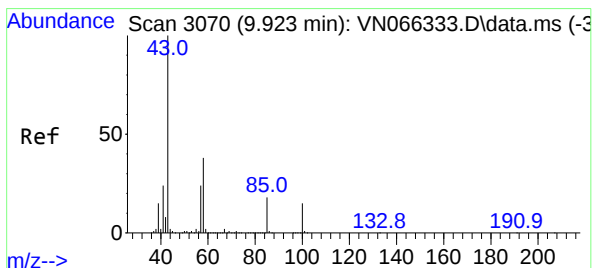
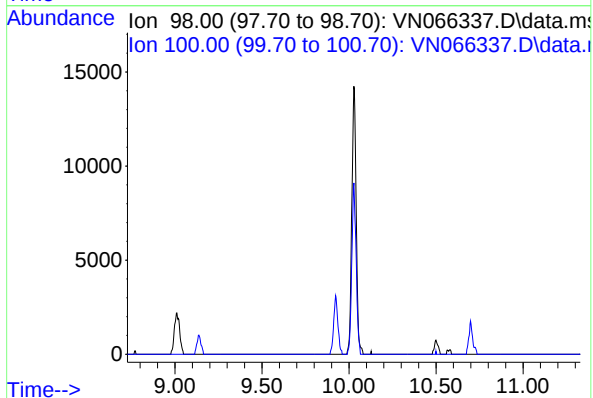
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 98
Sig Exp Ratio
98 100
100 63.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

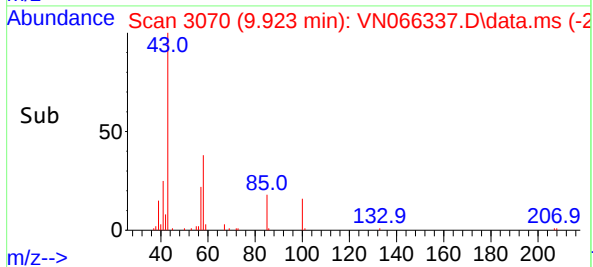
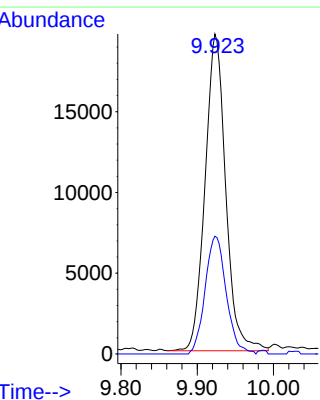
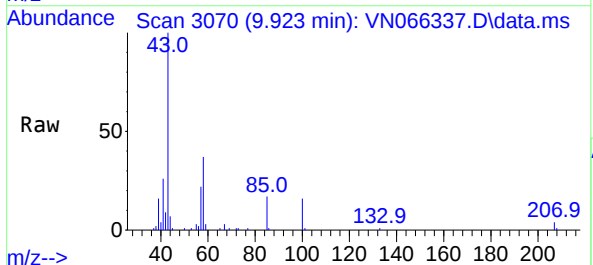
Manual Integrations
APPROVED

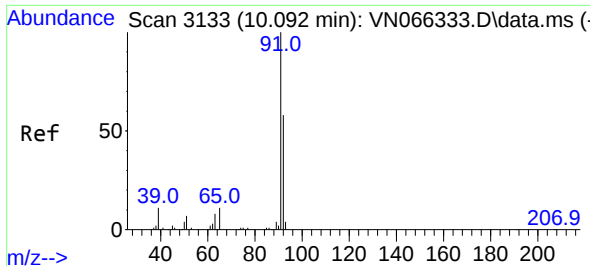
SAM
3/29/2021 5:12:30 PM



#51
4-Methyl-2-Pentanone
Concen: 3.29 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 43 Resp: 36865
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2





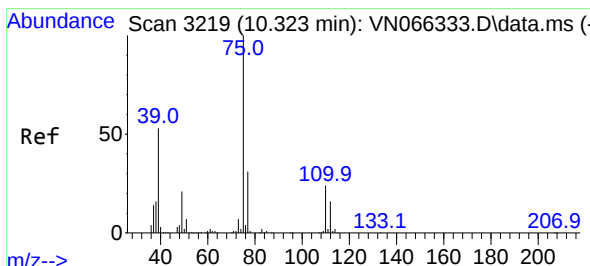
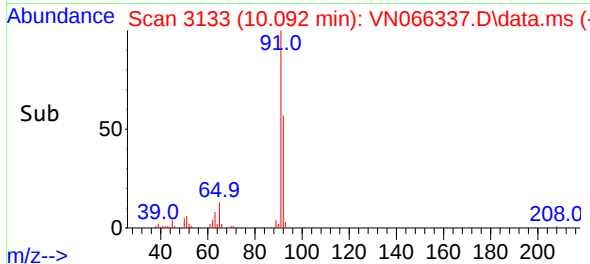
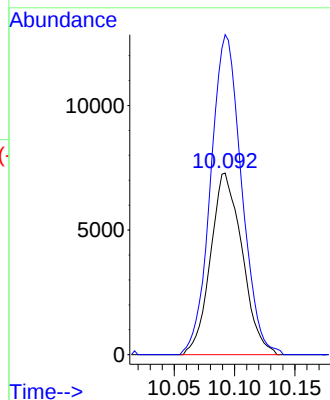
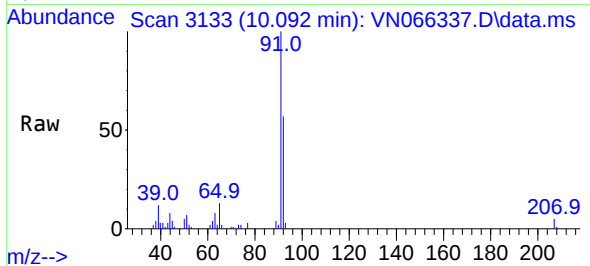
#52
Toluene
Concen: 0.99 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 92 Resp: 13311
Ion Ratio Lower Upper
92 100
91 172.4 138.8 208.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

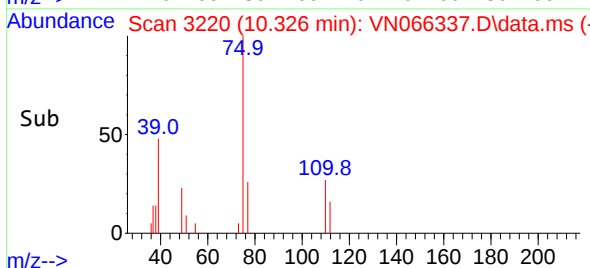
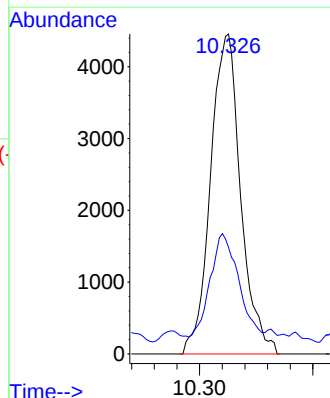
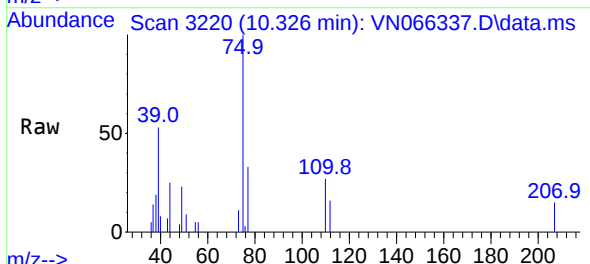
Manual Integrations
APPROVED

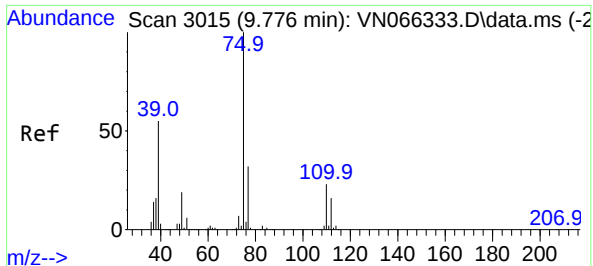
SAM
3/29/2021 5:12:30 PM



#53
t-1,3-Dichloropropene
Concen: 0.85 ug/l
RT: 10.326 min Scan# 3220
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

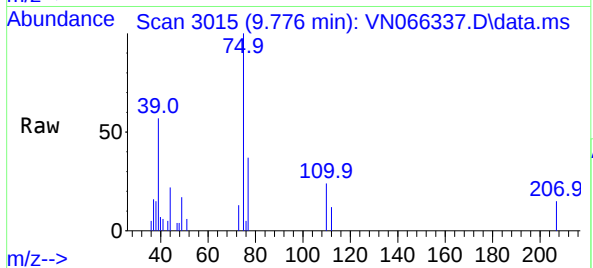
Tgt Ion: 75 Resp: 8214
Ion Ratio Lower Upper
75 100
77 27.5 25.0 37.6





#54
cis-1,3-Dichloropropene
Concen: 0.87 ug/l
RT: 9.776 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

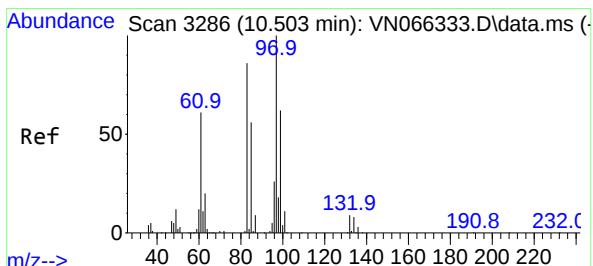
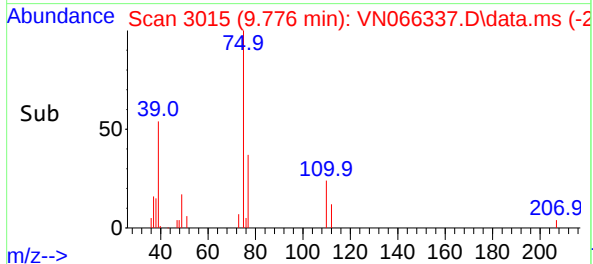
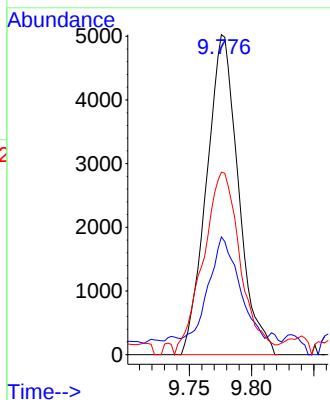
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001



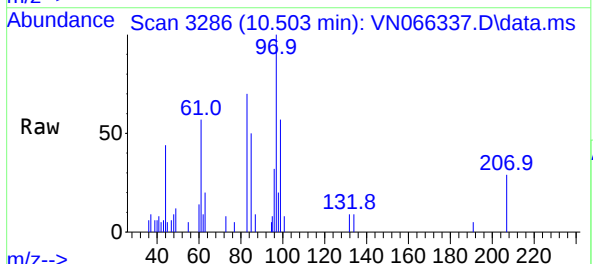
Tgt Ion: 75 Resp: 8948
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2
39 54.0 44.2 66.4

Manual Integrations
APPROVED

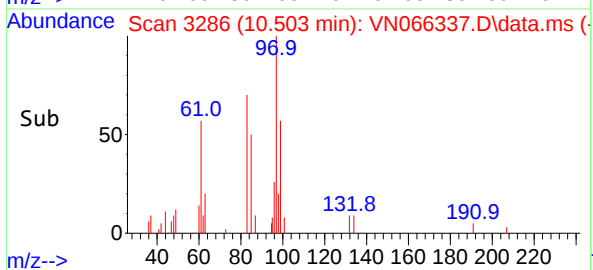
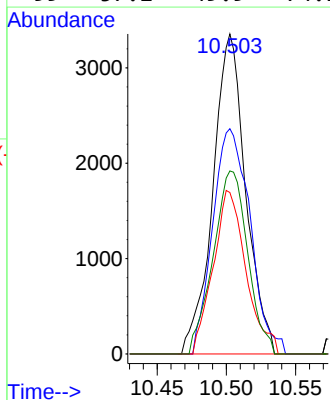
SAM
3/29/2021 5:12:30 PM

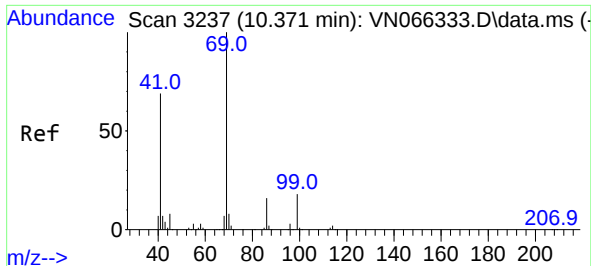


#55
1,1,2-Trichloroethane
Concen: 1.04 ug/l
RT: 10.503 min Scan# 3286
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



Tgt Ion: 97 Resp: 5520
Ion Ratio Lower Upper
97 100
83 70.4 68.9 103.3
85 50.4 45.1 67.7
99 57.2 49.9 74.9





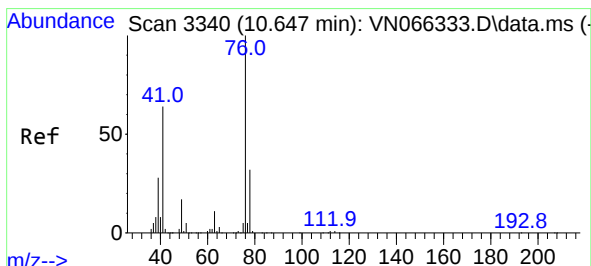
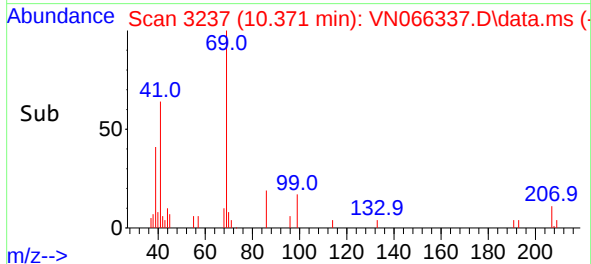
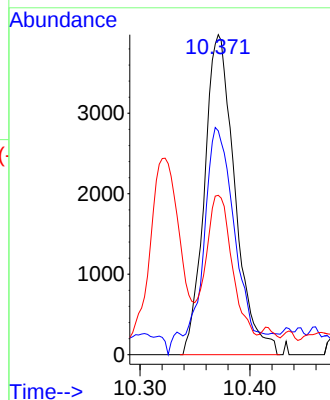
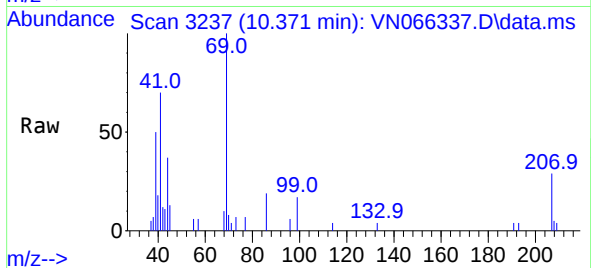
#56
Ethyl methacrylate
Concen: 0.84 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	69	Resp:	7652
Ion	Ratio	Lower	Upper
69	100		
41	65.3	55.3	82.9
39	40.9	33.8	50.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

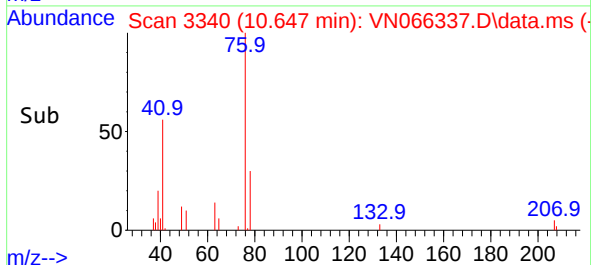
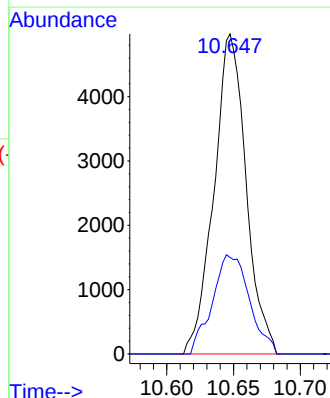
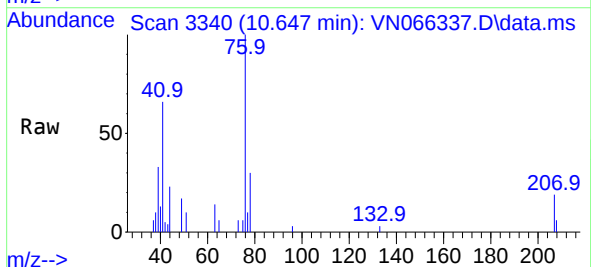
Manual Integrations
APPROVED

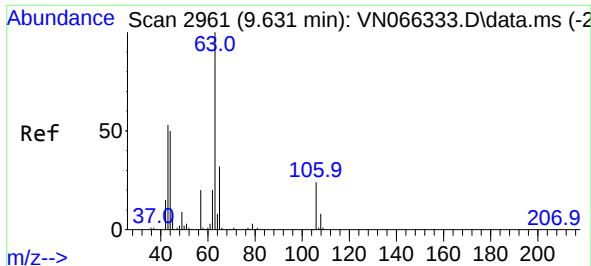
SAM
3/29/2021 5:12:30 PM



#57
1,3-Dichloropropane
Concen: 0.83 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	76	Resp:	8320
Ion	Ratio	Lower	Upper
76	100		
78	35.8	25.9	38.9





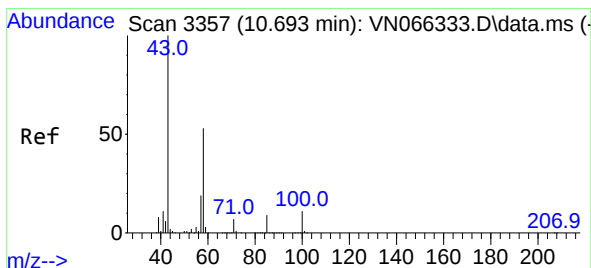
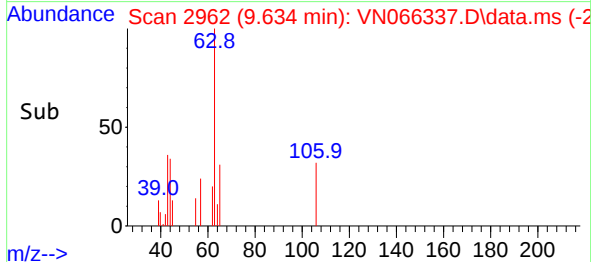
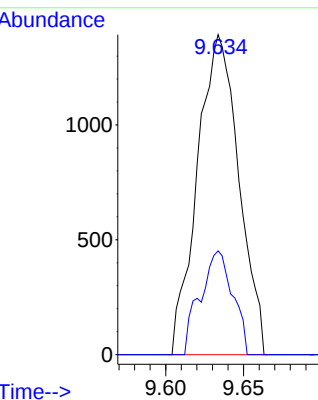
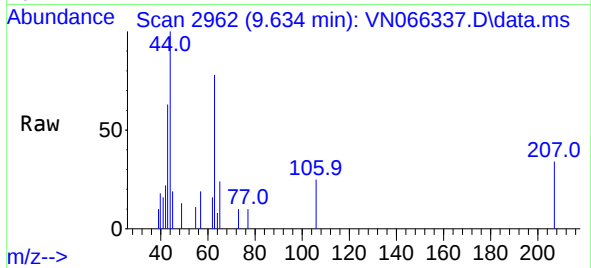
#58
2-Chloroethyl Vinyl ether
Concen: 0.92 ug/l
RT: 9.634 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 63 Resp: 2578
Ion Ratio Lower Upper
63 100
106 25.4 21.0 31.4

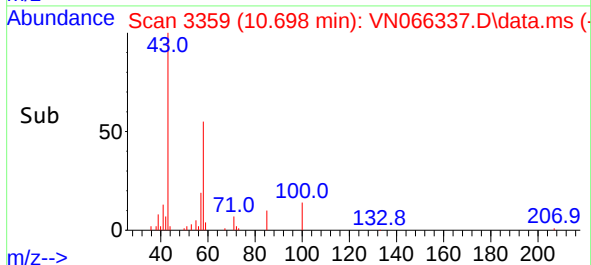
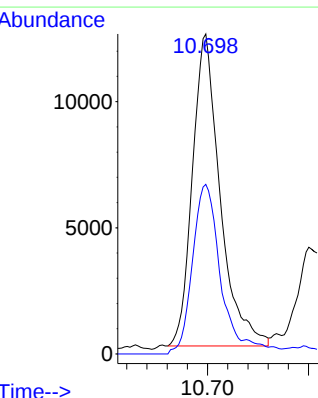
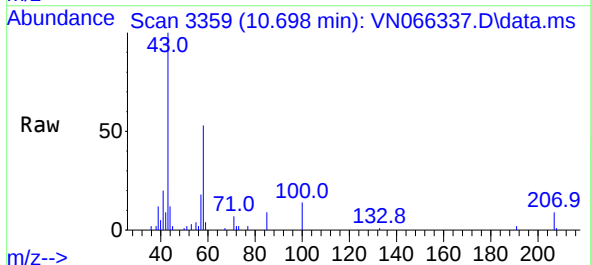
Manual Integrations
APPROVED

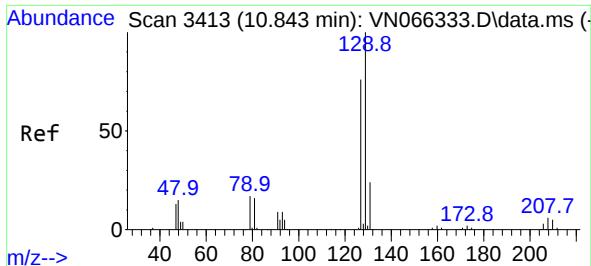
SAM
3/29/2021 5:12:30 PM



#59
2-Hexanone
Concen: 2.94 ug/l
RT: 10.698 min Scan# 3359
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 43 Resp: 23530
Ion Ratio Lower Upper
43 100
58 55.4 26.6 79.8





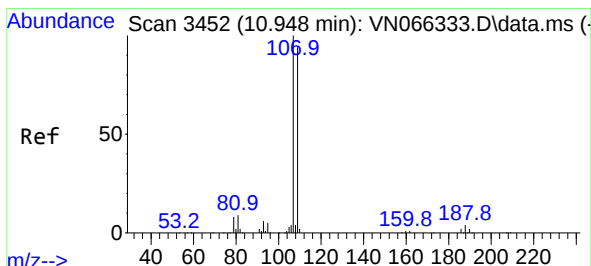
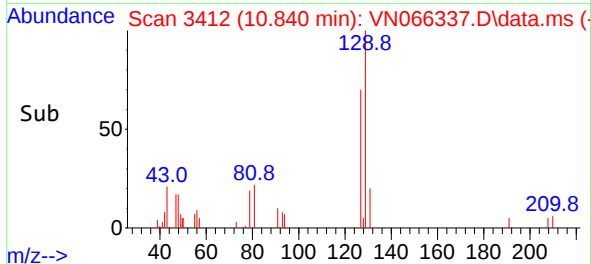
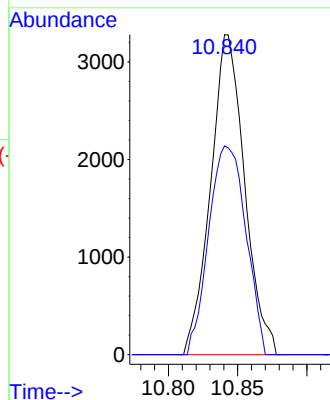
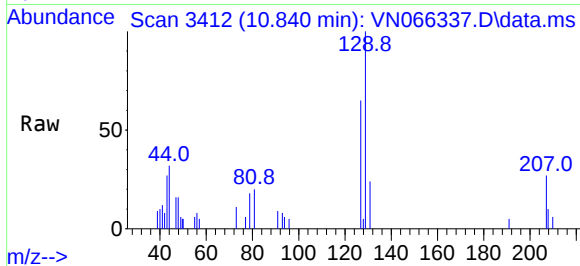
#60
Dibromochloromethane
Concen: 1.00 ug/l
RT: 10.840 min Scan# 3412
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:129 Resp: 5604
Ion Ratio Lower Upper
129 100
127 71.2 38.5 115.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

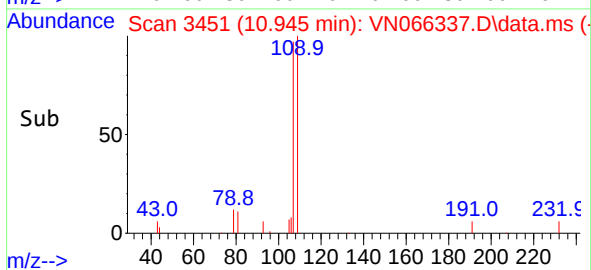
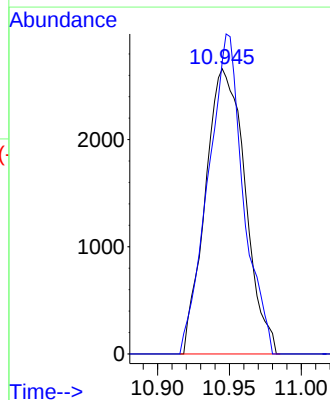
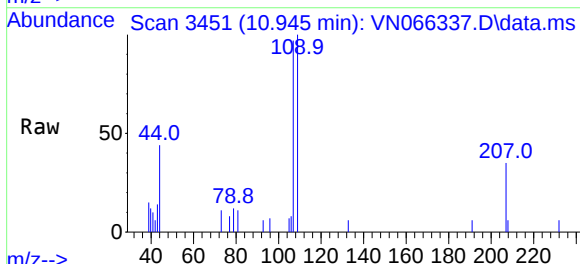
Manual Integrations
APPROVED

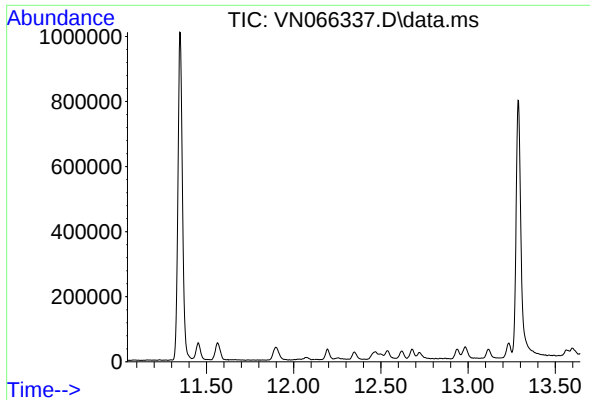
SAM
3/29/2021 5:12:30 PM



#61
1,2-Dibromoethane
Concen: 0.94 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:107 Resp: 5121
Ion Ratio Lower Upper
107 100
109 99.3 75.4 113.2





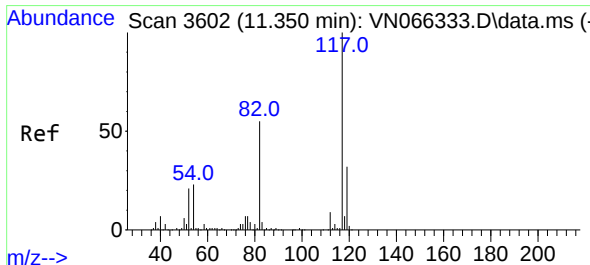
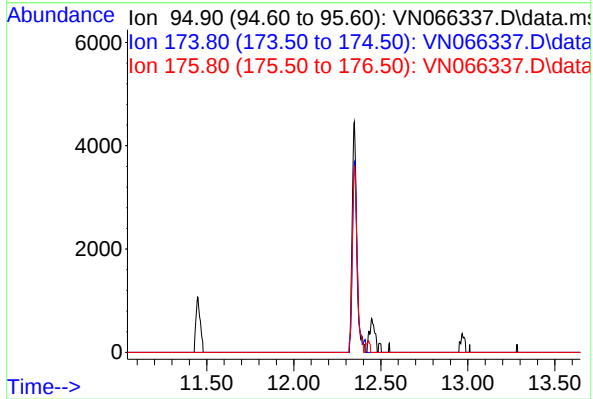
#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 12.35 min
 Lab File: VN066337.D
 Acq: 25 Mar 2021 18:06

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 86.1
 176 83.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

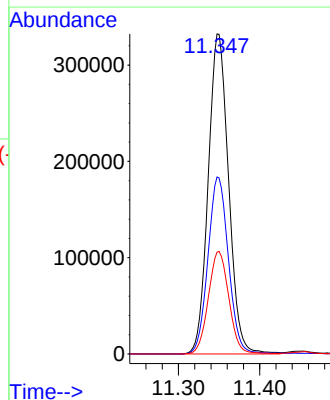
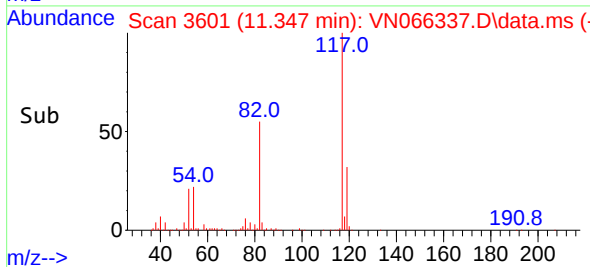
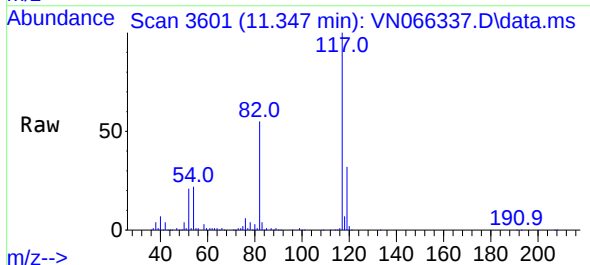
Manual Integrations
 APPROVED

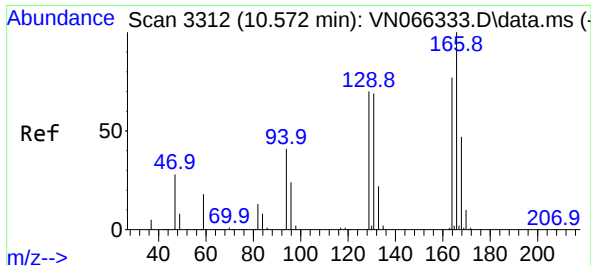
SAM
 3/29/2021 5:12:30 PM



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.347 min Scan# 3601
 Delta R.T. -0.003 min
 Lab File: VN066337.D
 Acq: 25 Mar 2021 18:06

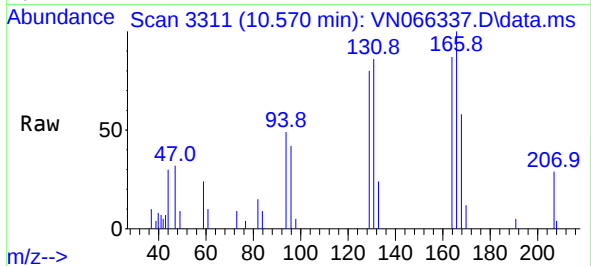
Tgt Ion: 117 Resp: 578557
 Ion Ratio Lower Upper
 117 100
 82 55.3 44.2 66.4
 119 31.8 25.8 38.6





#64
Tetrachloroethene
Concen: 1.30 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

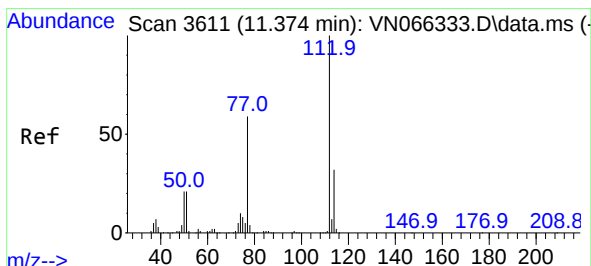
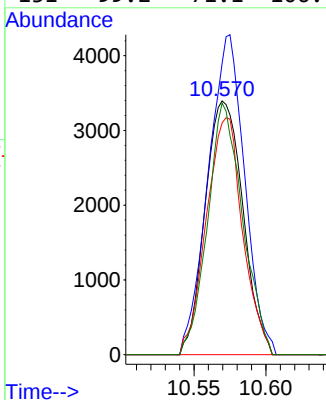
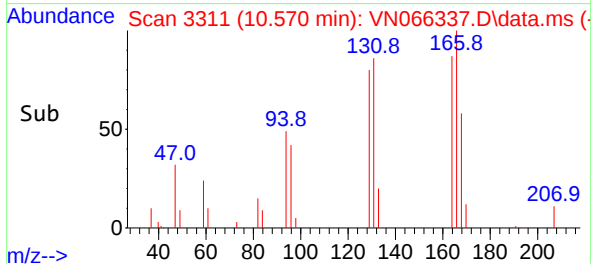
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



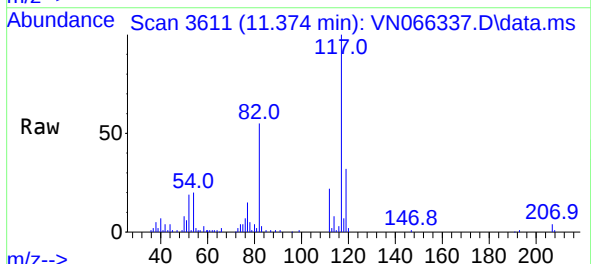
Tgt Ion:164 Resp: 6209
Ion Ratio Lower Upper
164 100
166 114.8 103.3 154.9
129 91.4 72.5 108.7
131 99.2 71.1 106.7

Manual Integrations
APPROVED

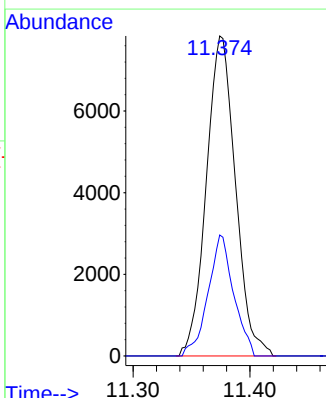
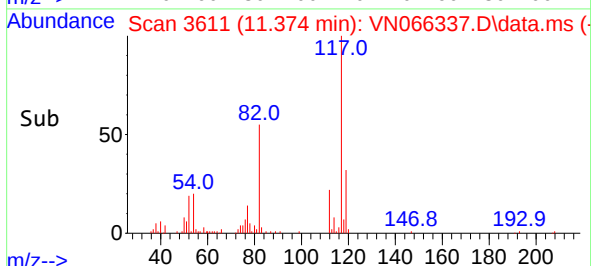
SAM
3/29/2021 5:12:30 PM

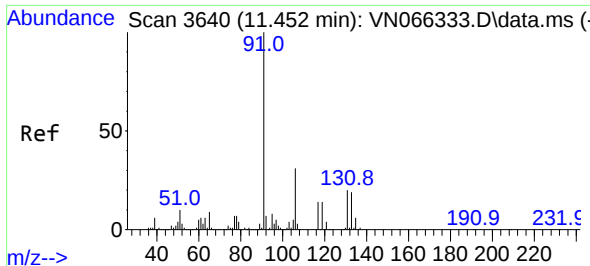


#65
Chlorobenzene
Concen: 1.13 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



Tgt Ion:112 Resp: 13572
Ion Ratio Lower Upper
112 100
114 37.8 25.7 38.5





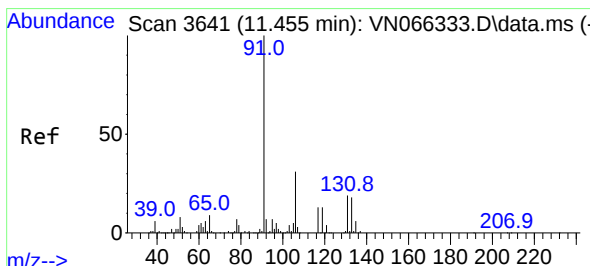
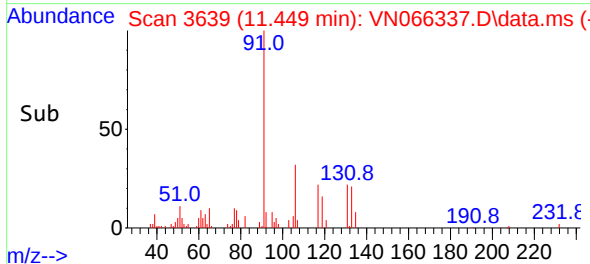
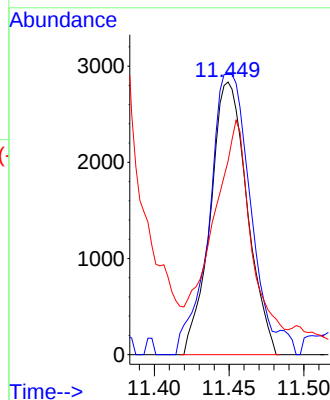
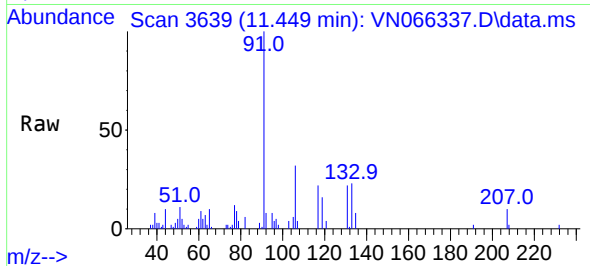
#66
1,1,1,2-Tetrachloroethane
Concen: 1.08 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	113.7	47.6	142.8
119	0.0	33.6	100.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

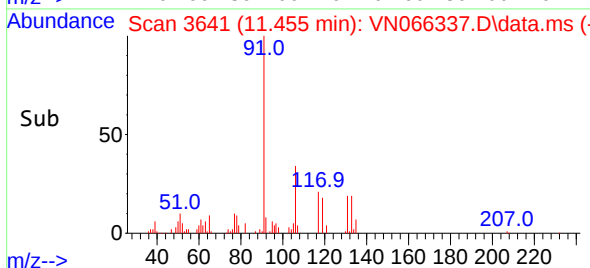
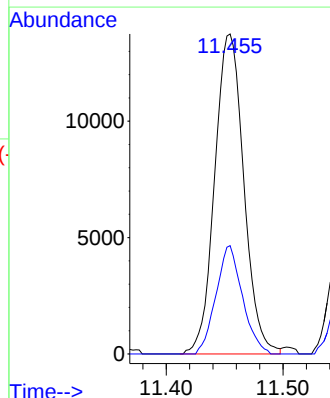
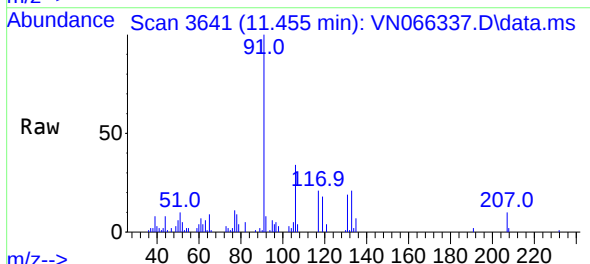
Manual Integrations
APPROVED

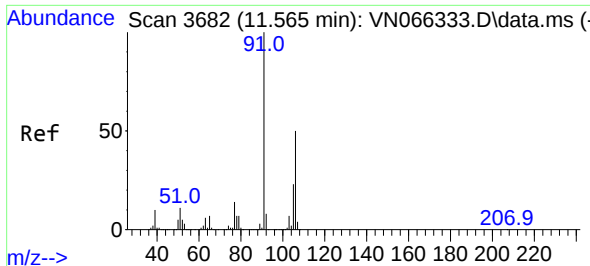
SAM
3/29/2021 5:12:30 PM



#67
Ethyl Benzene
Concen: 1.06 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.8	24.7	37.1





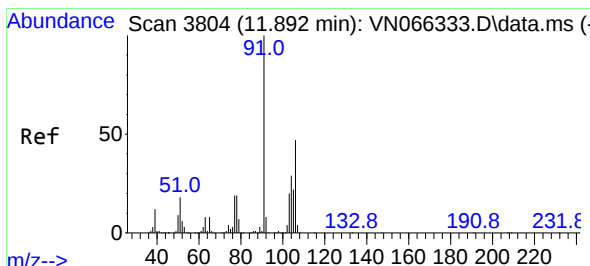
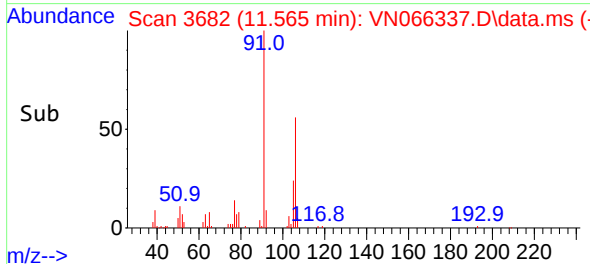
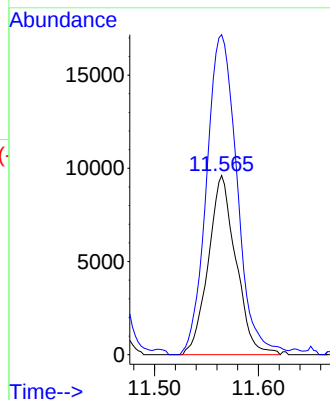
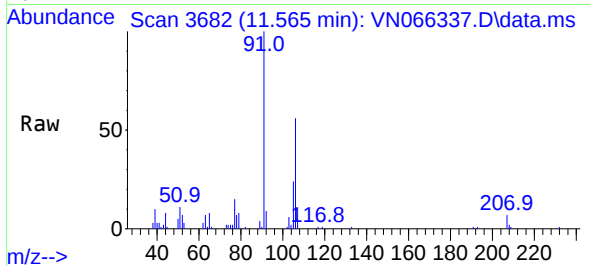
#68
m/p-Xylenes
Concen: 2.17 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:106 Resp: 17735
Ion Ratio Lower Upper
106 100
91 198.0 162.7 244.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

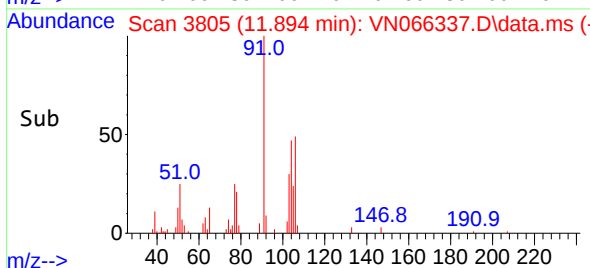
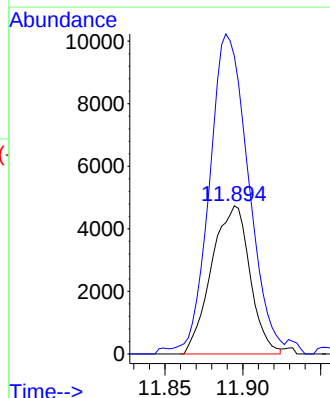
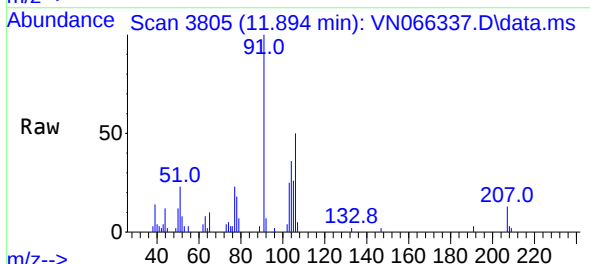
Manual Integrations
APPROVED

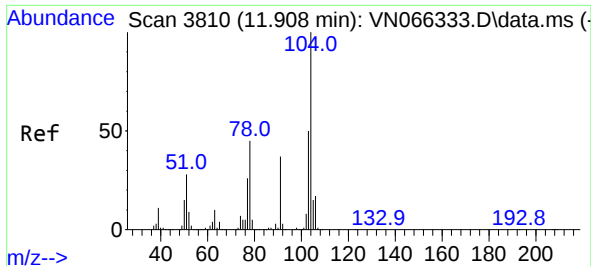
SAM
3/29/2021 5:12:30 PM



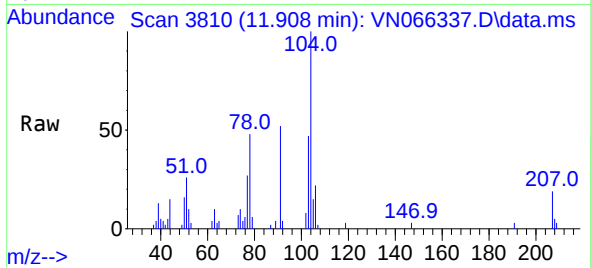
#69
o-Xylene
Concen: 1.03 ug/l
RT: 11.894 min Scan# 3805
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:106 Resp: 8105
Ion Ratio Lower Upper
106 100
91 209.9 107.1 321.4

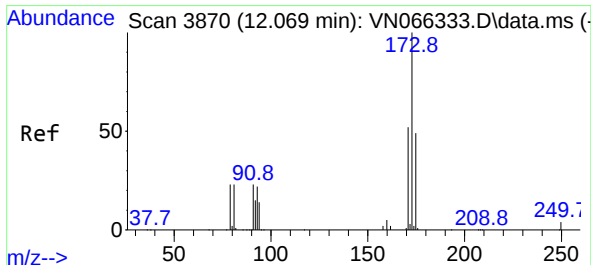
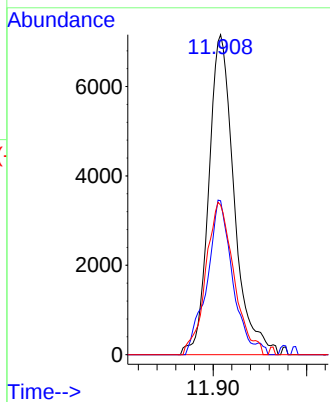
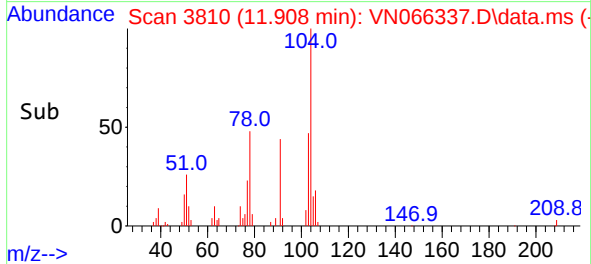




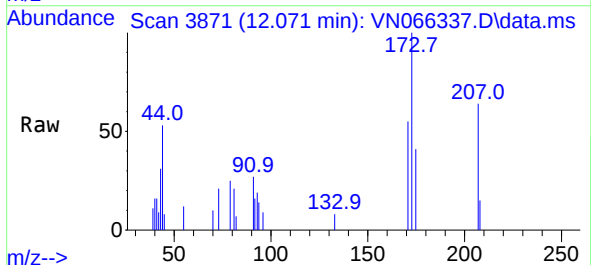
#70
Styrene
Concen: 1.05 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



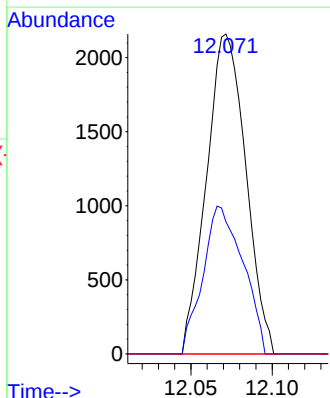
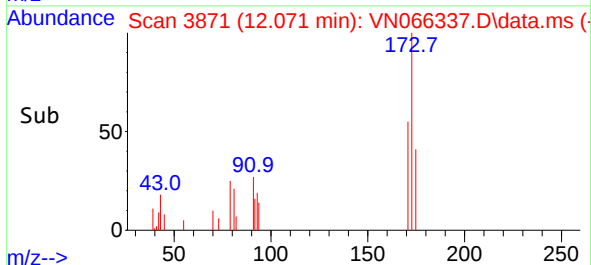
Tgt Ion:104 Resp: 13490
Ion Ratio Lower Upper
104 100
78 48.0 40.7 61.1
103 52.7 44.2 66.2



#71
Bromoform
Concen: 1.05 ug/l
RT: 12.071 min Scan# 3871
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



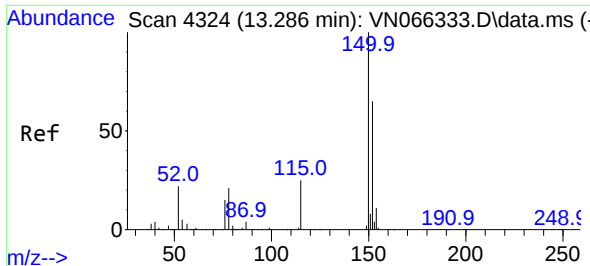
Tgt Ion:173 Resp: 3630
Ion Ratio Lower Upper
173 100
175 47.1 24.3 72.8
254 0.0 0.0 0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM



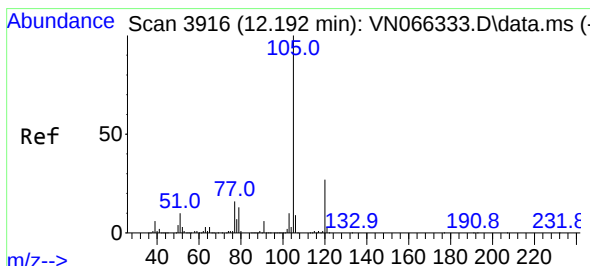
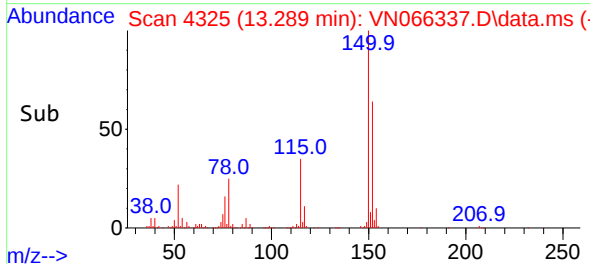
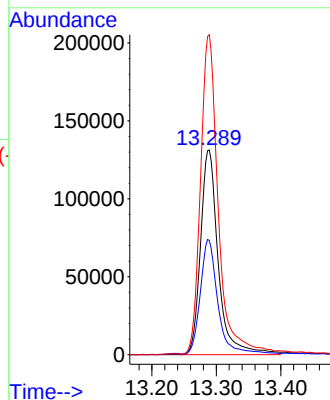
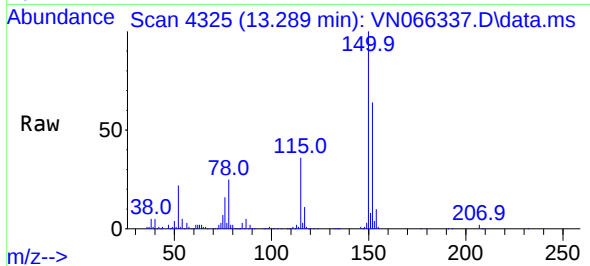
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:152 Resp: 251970
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.4
150 155.3 0.0 348.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

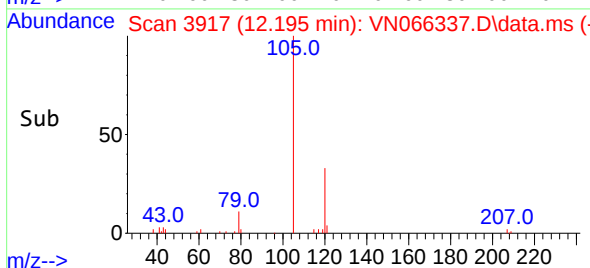
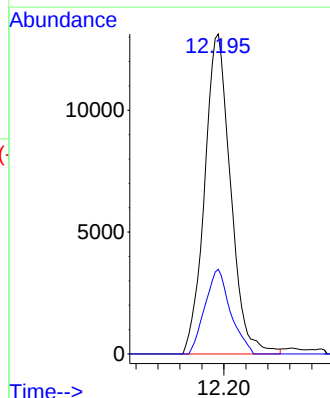
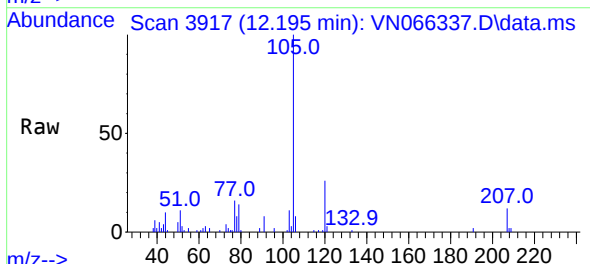
Manual Integrations
APPROVED

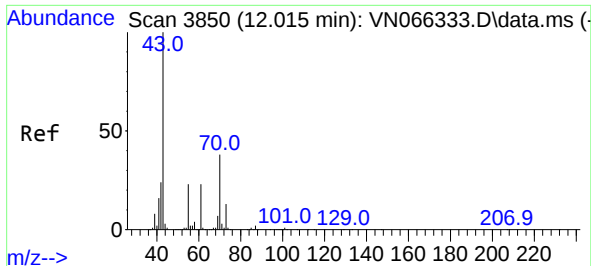
SAM
3/29/2021 5:12:30 PM



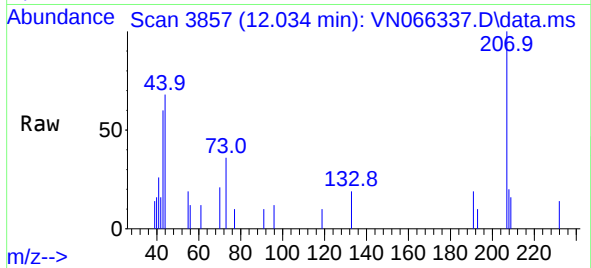
#73
Isopropylbenzene
Concen: 1.11 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:105 Resp: 21552
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.8

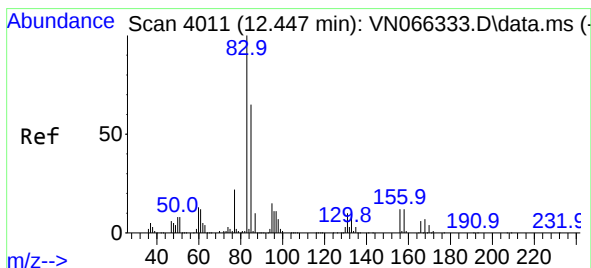
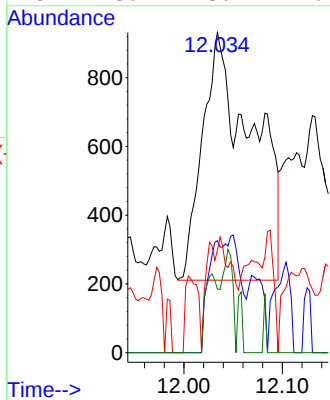
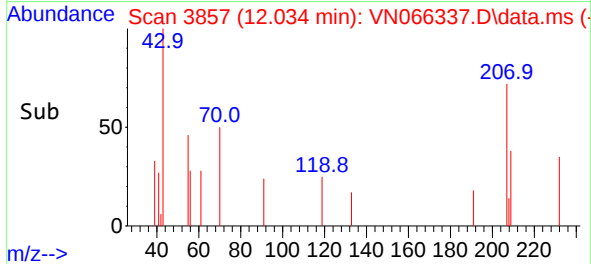




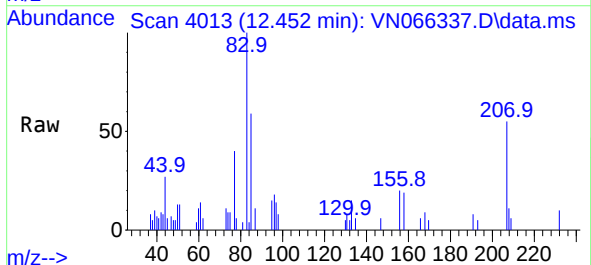
#74
N-amy1 acetate
Concen: 0.27 ug/l m
RT: 12.034 min Scan# 3857
Delta R.T. 0.019 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



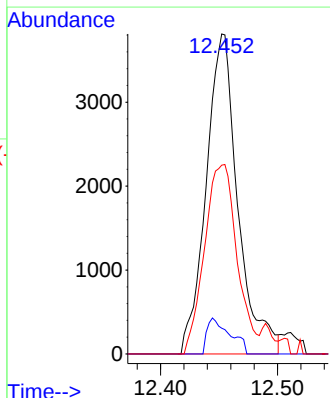
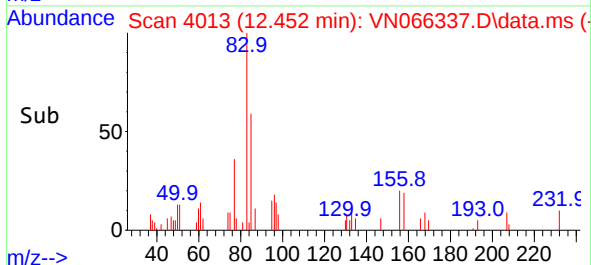
Tgt Ion: 43 Resp: 2513
Ion Ratio Lower Upper
43 100
70 13.7 31.2 46.8#
55 8.5 18.6 28.0#
61 8.9 18.2 27.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.05 ug/l
RT: 12.452 min Scan# 4013
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



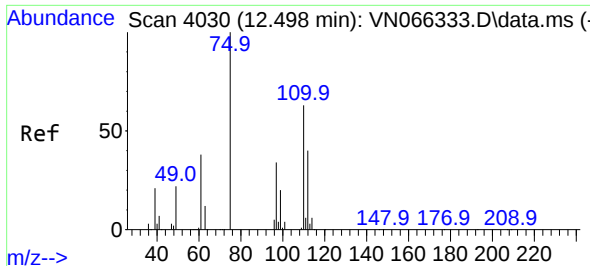
Tgt Ion: 83 Resp: 7193
Ion Ratio Lower Upper
83 100
131 8.0 5.0 15.0
85 60.9 33.8 101.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM



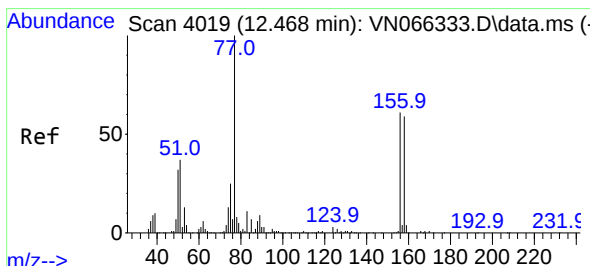
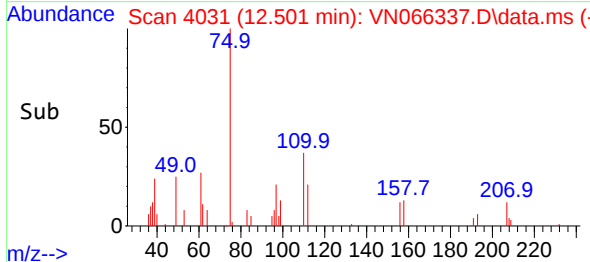
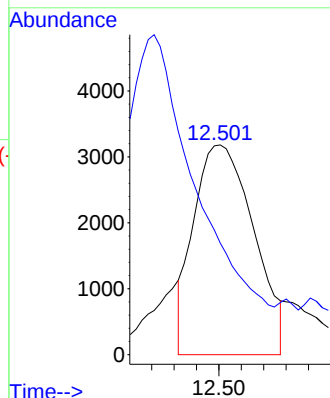
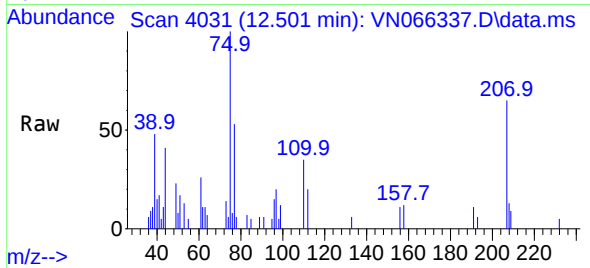
#76
1,2,3-Trichloropropane
Concen: 0.82 ug/l m
RT: 12.501 min Scan# 4031
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 75 Resp: 5924
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

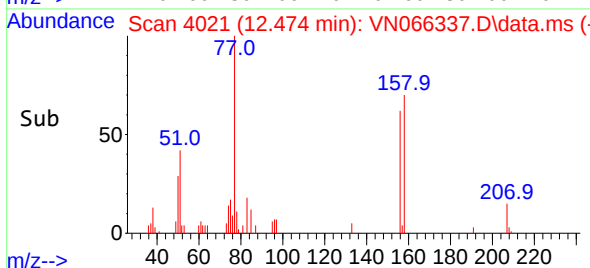
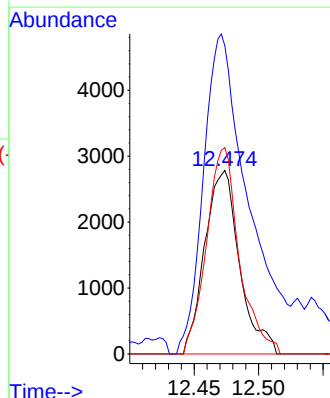
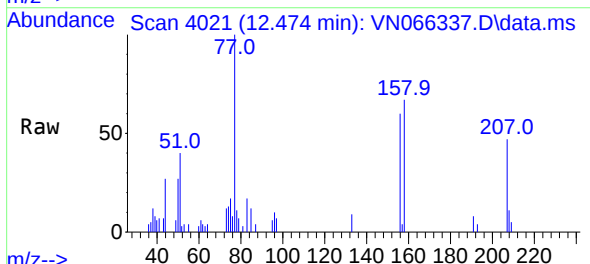
Manual Integrations
APPROVED

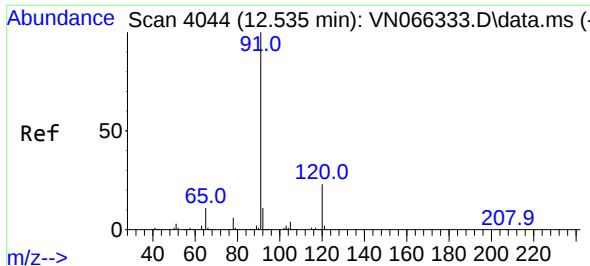
SAM
3/29/2021 5:12:30 PM



#77
Bromobenzene
Concen: 1.14 ug/l
RT: 12.474 min Scan# 4021
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 156 Resp: 5219
Ion Ratio Lower Upper
156 100
77 224.3 99.7 299.1
158 106.0 48.8 146.3





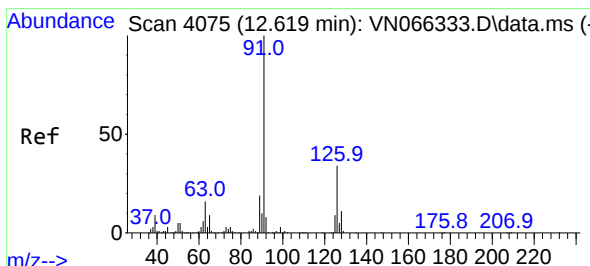
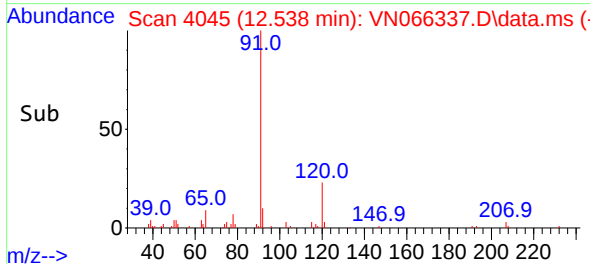
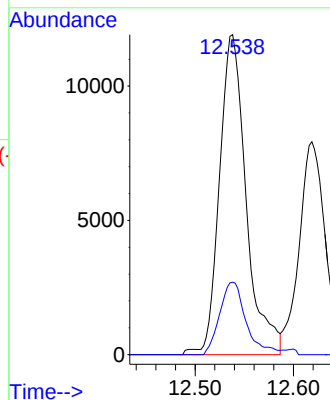
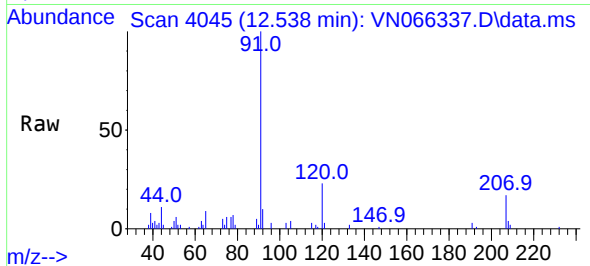
#78
n-propylbenzene
Concen: 0.98 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 91 Resp: 22537
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

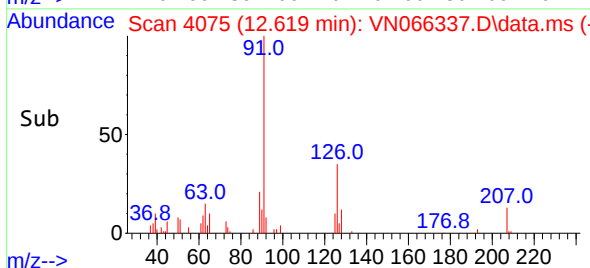
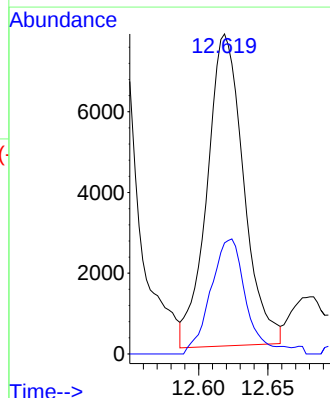
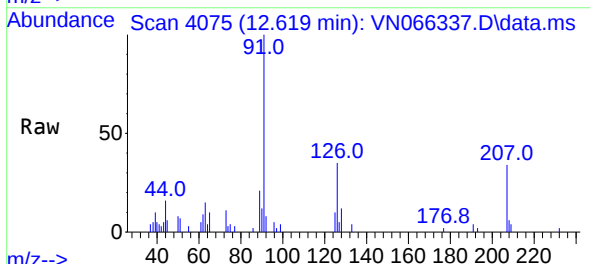
Manual Integrations
APPROVED

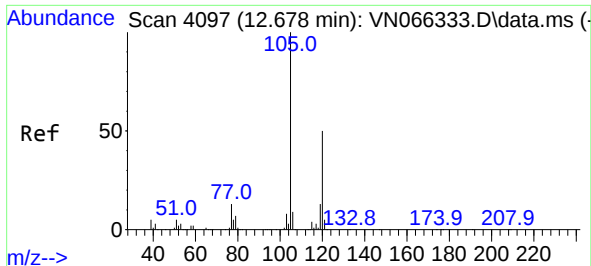
SAM
3/29/2021 5:12:30 PM



#79
2-Chlorotoluene
Concen: 1.03 ug/l
RT: 12.619 min Scan# 4075
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 91 Resp: 14204
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.5





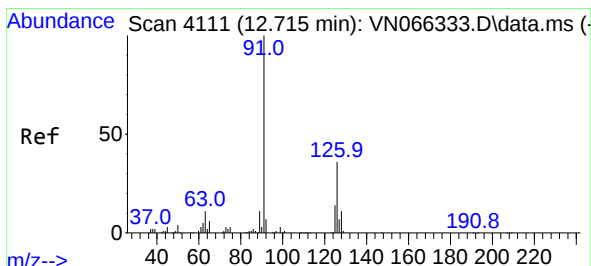
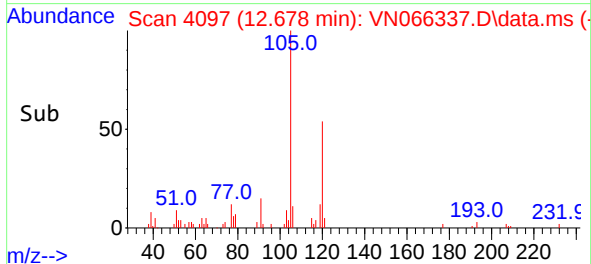
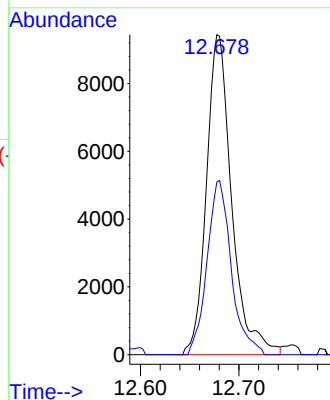
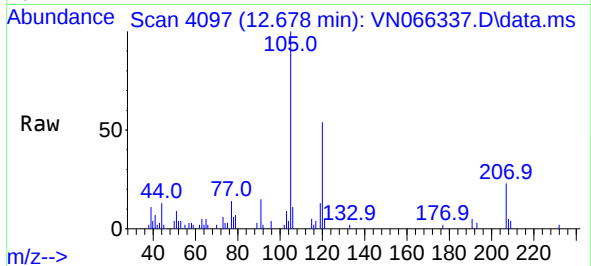
#80
1,3,5-Trimethylbenzene
Concen: 1.03 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 105 Resp: 16870
Ion Ratio Lower Upper
105 100
120 52.2 24.5 73.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

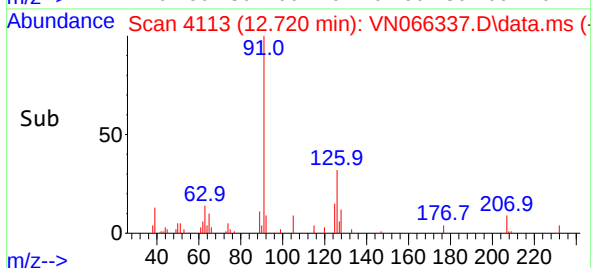
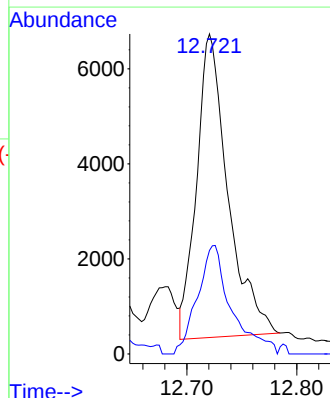
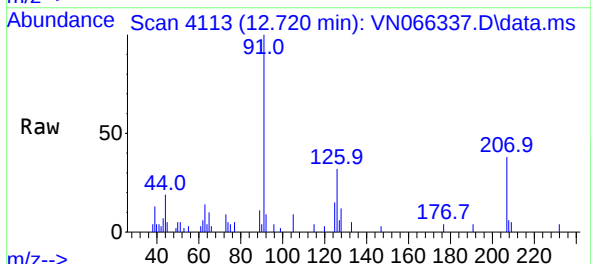
Manual Integrations
APPROVED

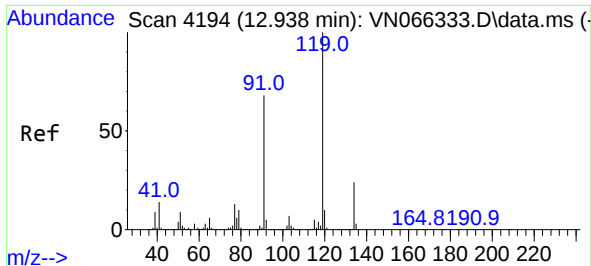
SAM
3/29/2021 5:12:30 PM



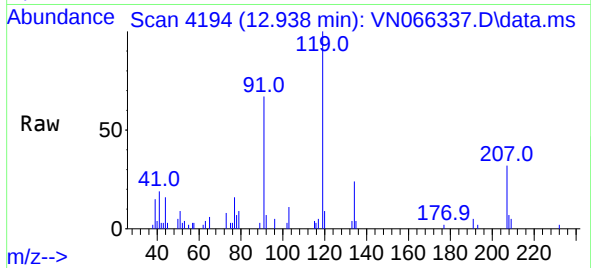
#82
4-Chlorotoluene
Concen: 0.89 ug/l
RT: 12.720 min Scan# 4113
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 91 Resp: 12638
Ion Ratio Lower Upper
91 100
126 38.6 16.6 49.8

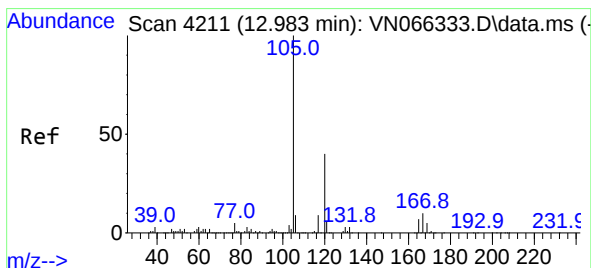
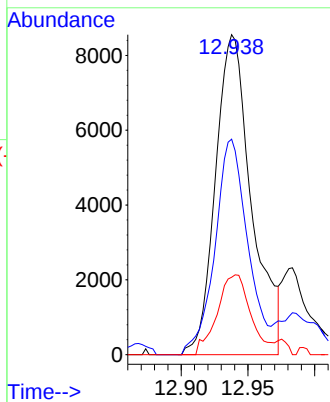
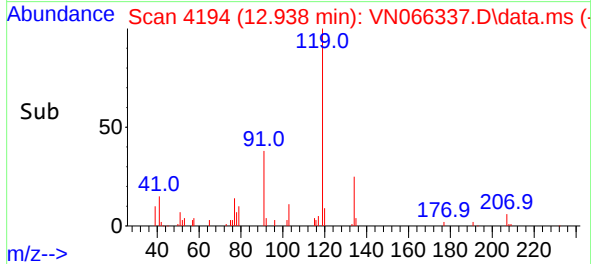




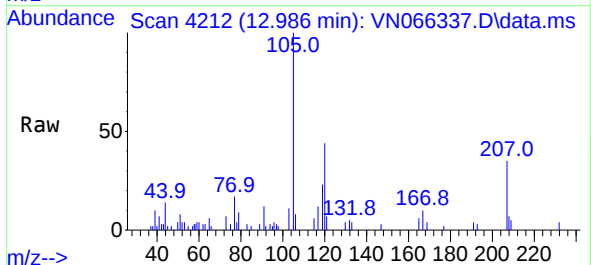
#83
tert-Butylbenzene
Concen: 1.16 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



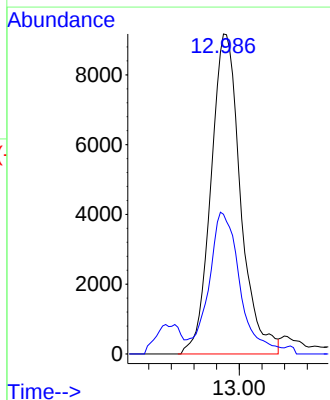
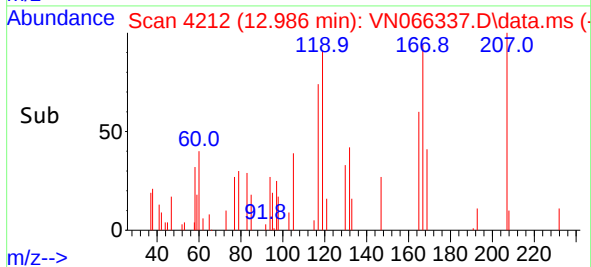
Tgt Ion:119 Resp: 16136
Ion Ratio Lower Upper
119 100
91 61.1 33.3 99.8
134 23.3 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 1.03 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



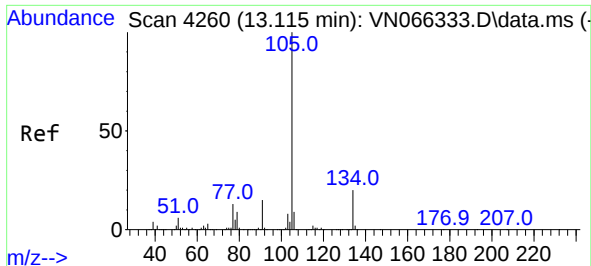
Tgt Ion:105 Resp: 16610
Ion Ratio Lower Upper
105 100
120 42.6 23.1 69.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM



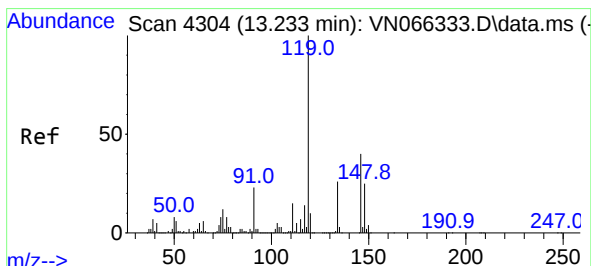
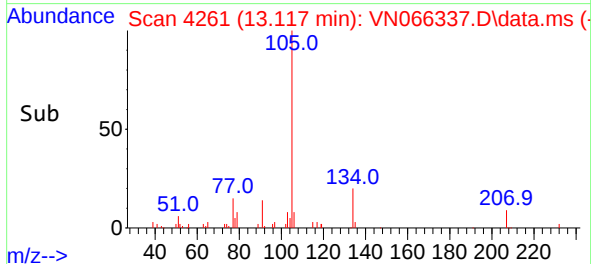
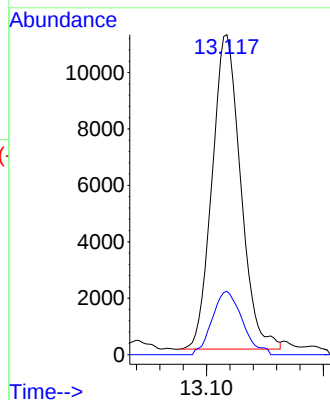
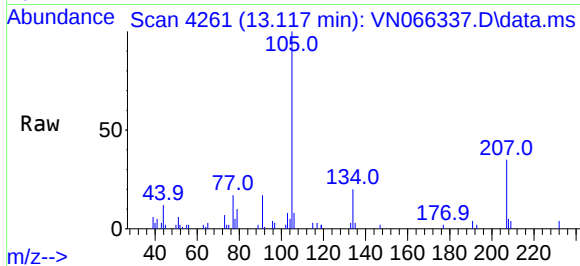
#85
 sec-Butylbenzene
 Concen: 1.03 ug/l
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.003 min
 Lab File: VN066337.D
 Acq: 25 Mar 2021 18:06

Tgt Ion:105 Resp: 18934
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.9 29.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

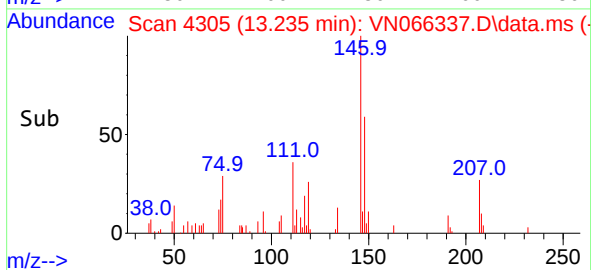
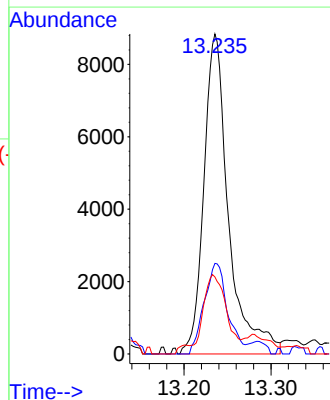
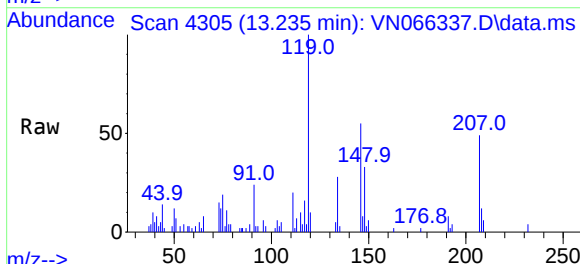
Manual Integrations
 APPROVED

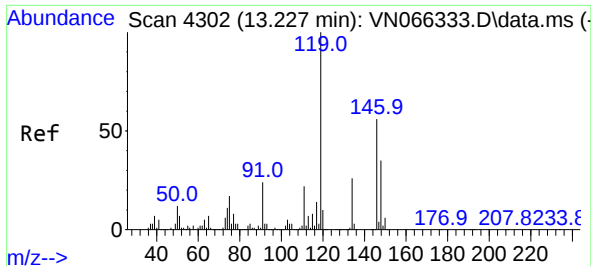
SAM
 3/29/2021 5:12:30 PM



#86
 p-Isopropyltoluene
 Concen: 1.07 ug/l
 RT: 13.235 min Scan# 4305
 Delta R.T. 0.003 min
 Lab File: VN066337.D
 Acq: 25 Mar 2021 18:06

Tgt Ion:119 Resp: 17443
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 19.8 11.5 34.5





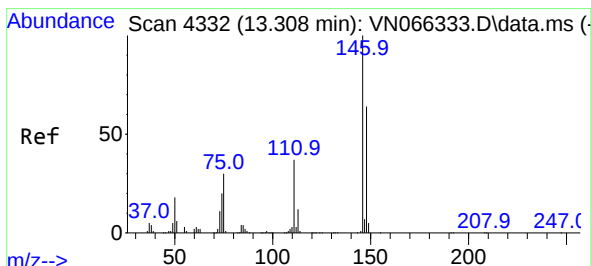
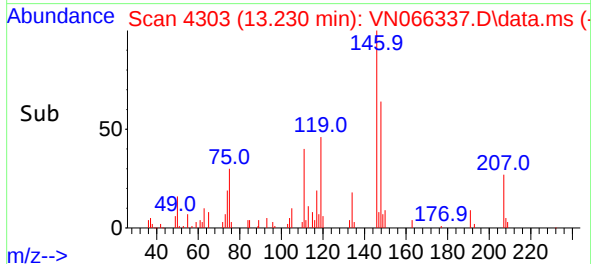
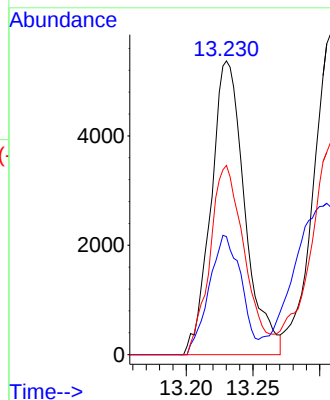
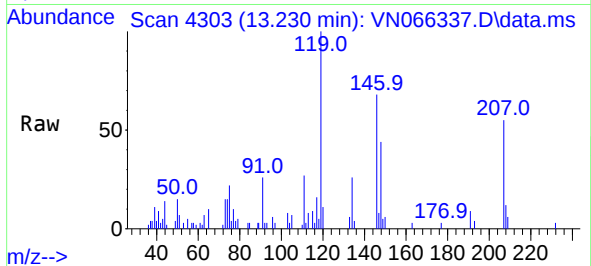
#87
1,3-Dichlorobenzene
Concen: 1.15 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	146	Resp:	9463
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.4	58.1
148	66.1	31.8	95.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

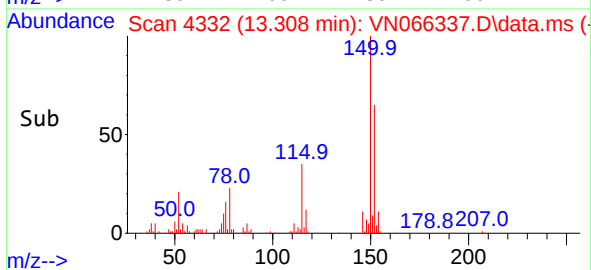
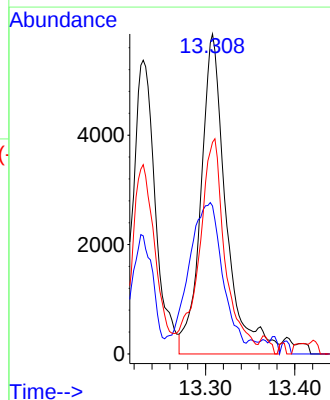
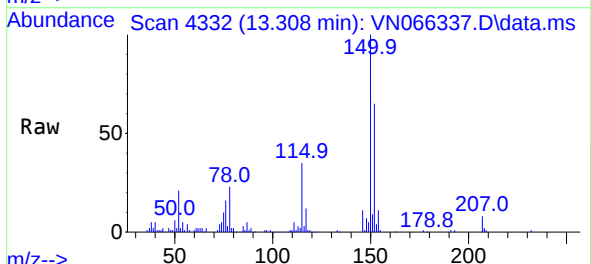
Manual Integrations
APPROVED

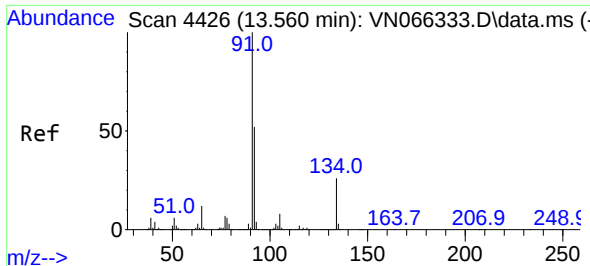
SAM
3/29/2021 5:12:30 PM



#88
1,4-Dichlorobenzene
Concen: 1.37 ug/l m
RT: 13.308 min Scan# 4332
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	146	Resp:	11497
Ion Ratio	Lower	Upper	
146	100		
111	32.1	18.3	54.9
148	54.4	31.9	95.9





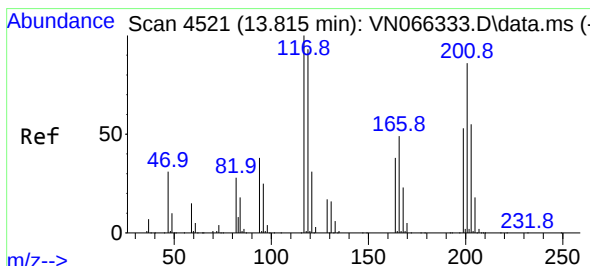
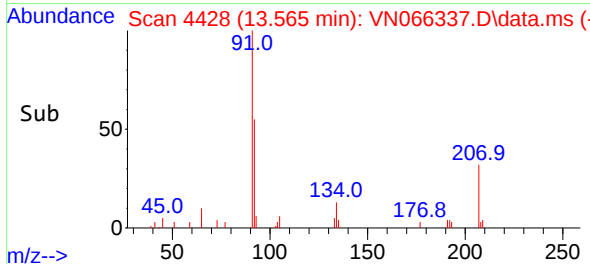
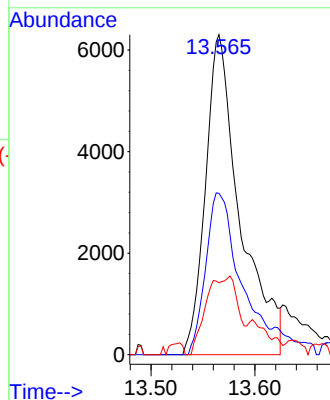
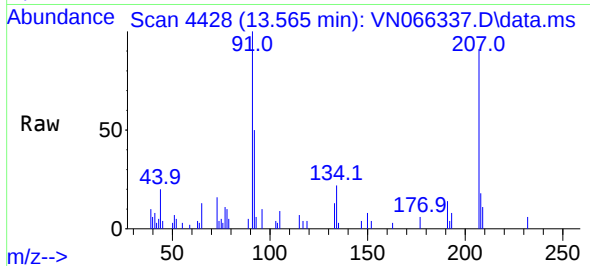
#89
n-Butylbenzene
Concen: 0.99 ug/l
RT: 13.565 min Scan# 4428
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 91 Resp: 14561
Ion Ratio Lower Upper
91 100
92 50.4 26.1 78.3
134 10.6 12.8 38.4#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

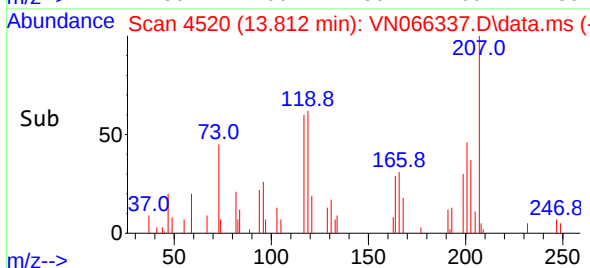
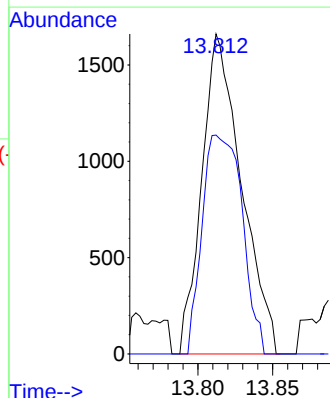
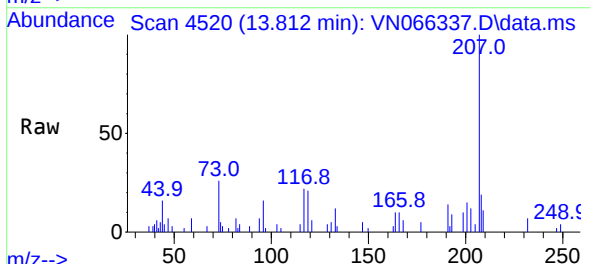
Manual Integrations
APPROVED

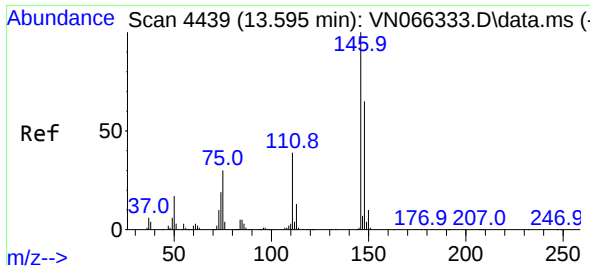
SAM
3/29/2021 5:12:30 PM



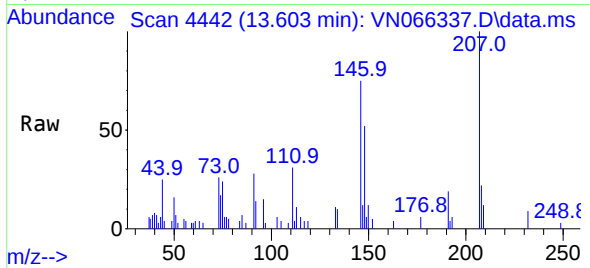
#90
Hexachloroethane
Concen: 1.18 ug/l
RT: 13.812 min Scan# 4520
Delta R.T. -0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion: 117 Resp: 3057
Ion Ratio Lower Upper
117 100
201 69.0 44.0 131.8

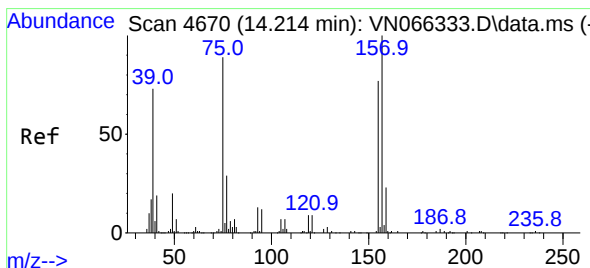
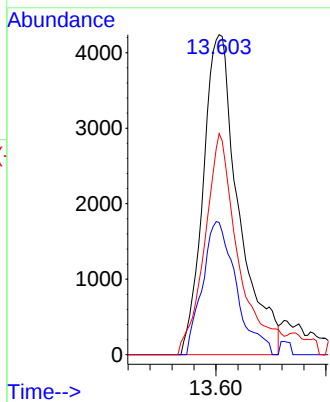
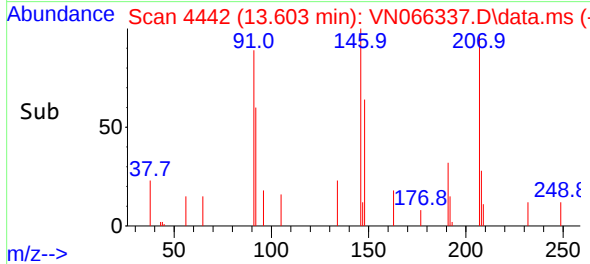




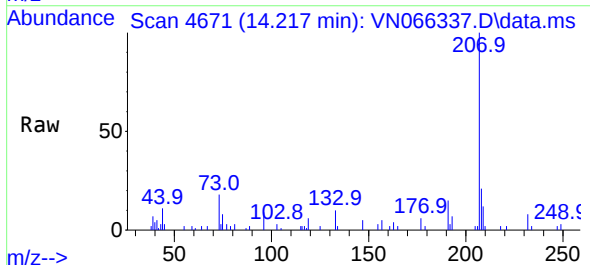
#91
1,2-Dichlorobenzene
Concen: 1.16 ug/l
RT: 13.603 min Scan# 4442
Delta R.T. 0.008 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



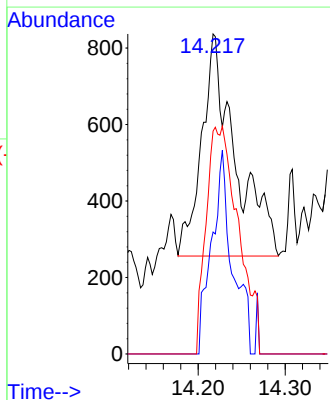
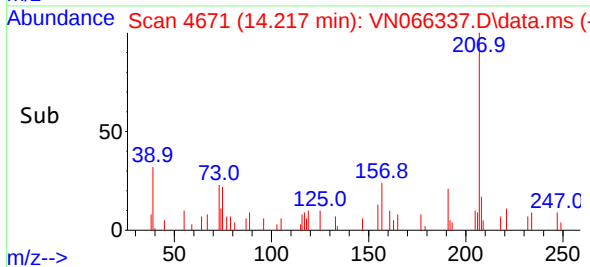
Tgt Ion: 146 Resp: 9467
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 65.7 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.91 ug/l m
RT: 14.217 min Scan# 4671
Delta R.T. 0.003 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06



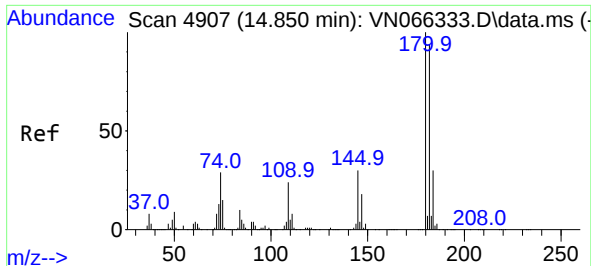
Tgt Ion: 75 Resp: 1563
Ion Ratio Lower Upper
75 100
155 49.4 43.8 131.3
157 97.8 57.6 172.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM



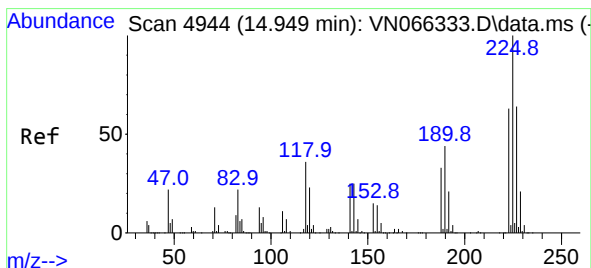
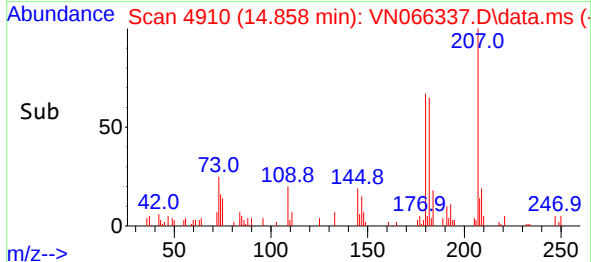
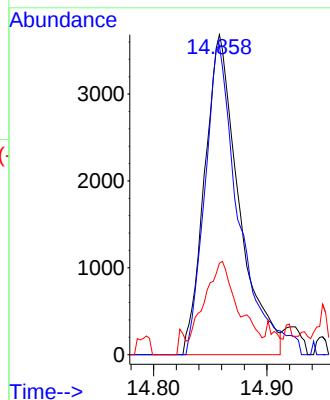
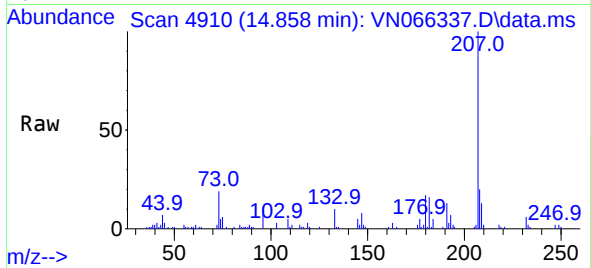
#93
1,2,4-Trichlorobenzene
Concen: 1.67 ug/l
RT: 14.858 min Scan# 4910
Delta R.T. 0.008 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:180 Resp: 7720
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.3
145 25.6 14.2 42.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

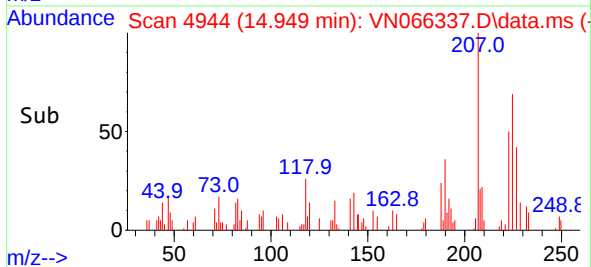
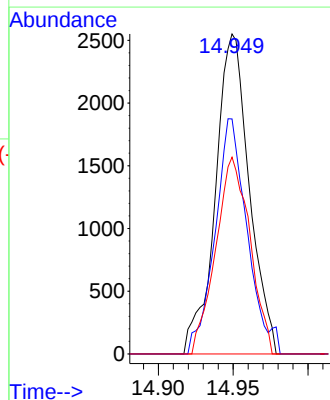
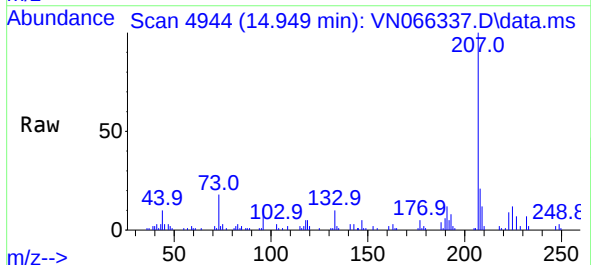
Manual Integrations
APPROVED

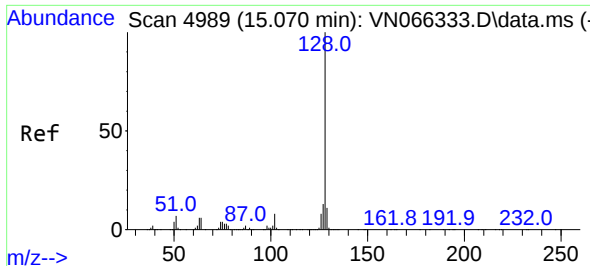
SAM
3/29/2021 5:12:30 PM



#94
Hexachlorobutadiene
Concen: 1.67 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:225 Resp: 4016
Ion Ratio Lower Upper
225 100
223 70.0 31.1 93.5
227 62.1 32.1 96.3





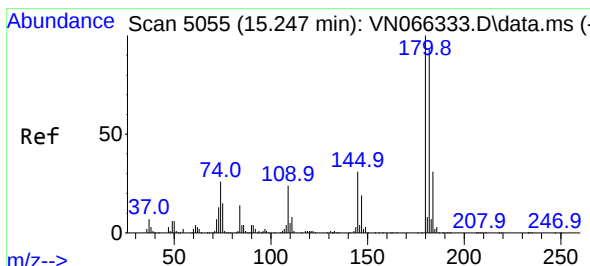
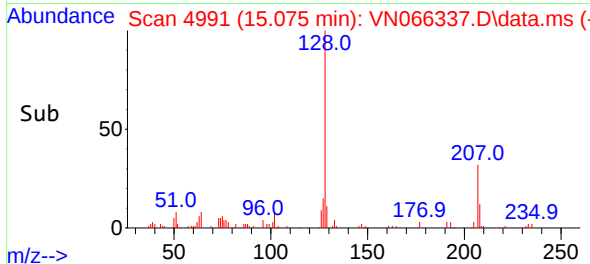
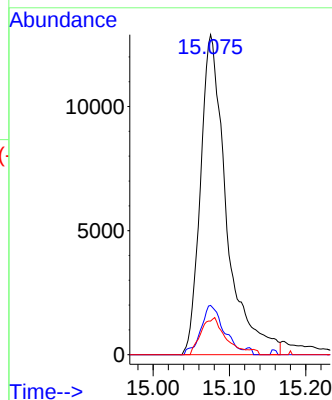
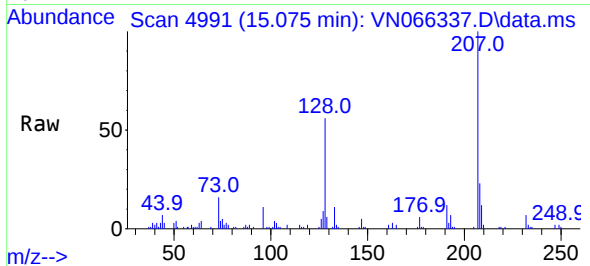
#95
Naphthalene
Concen: 2.03 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	128	Resp:	30523
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.5	15.7
129	10.9	8.5	12.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 1.76 ug/l
RT: 15.252 min Scan# 5057
Delta R.T. 0.005 min
Lab File: VN066337.D
Acq: 25 Mar 2021 18:06

Tgt Ion:	180	Resp:	8681
Ion Ratio	Lower	Upper	
180	100		
182	87.6	47.6	142.9
145	32.5	15.4	46.1

