

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066331.D
 Acq On : 25 Mar 2021 15:24
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:09 PM

Quant Time: Mar 26 05:32:25 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	475278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	745637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	645305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	273207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	32423	3.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	7.70%#		
35) Dibromofluoromethane	7.509	113	24587	4.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.68%#		
50) Toluene-d8	10.028	98	89829	4.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.02%#		
62) 4-Bromofluorobenzene	12.345	95	28462	3.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	7.74%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	28400	4.78	ug/l	94
3) Chloromethane	2.014	50	34985	3.47	ug/l	98
4) Vinyl Chloride	2.146	62	32569	3.97	ug/l	97
5) Bromomethane	2.516	94	24660	5.35	ug/l	96
6) Chloroethane	2.652	64	20508	4.48	ug/l	94
7) Trichlorofluoromethane	2.964	101	44925	4.91	ug/l	99
8) Diethyl Ether	3.342	74	18712	5.02	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.677	101	25337	5.62	ug/l	95
10) Methyl Iodide	3.870	142	34183	6.12	ug/l #	96
11) Tert butyl alcohol	4.728	59	22625	15.78	ug/l	100
12) 1,1-Dichloroethene	3.661	96	27107	5.52	ug/l	96
13) Acrolein	3.532	56	28553	30.39	ug/l	99
14) Allyl chloride	4.229	41	49735	3.51	ug/l	97
15) Acrylonitrile	4.886	53	61367	14.92	ug/l	97
16) Acetone	3.747	43	79421	18.13	ug/l	100
17) Carbon Disulfide	3.967	76	75453	4.94	ug/l	100
18) Methyl Acetate	4.240	43	43274	4.01	ug/l	100
19) Methyl tert-butyl Ether	4.943	73	76372	3.69	ug/l	98
20) Methylene Chloride	4.444	84	30623	4.62	ug/l	98
21) trans-1,2-Dichloroethene	4.929	96	22242	4.02	ug/l	93
22) Diisopropyl ether	5.857	45	77660	2.83	ug/l	95
23) Vinyl Acetate	5.798	43	332004	14.10	ug/l	99
24) 1,1-Dichloroethane	5.739	63	44289	3.46	ug/l	99
25) 2-Butanone	6.750	43	83588	12.92	ug/l	98
26) 2,2-Dichloropropane	6.726	77	38589	3.61	ug/l	96
27) cis-1,2-Dichloroethene	6.732	96	26081	3.88	ug/l	96
28) Bromochloromethane	7.107	49	23351	3.20	ug/l	99
29) Tetrahydrofuran	7.134	42	54443	12.20	ug/l	98
30) Chloroform	7.287	83	43621	3.75	ug/l	93
31) Cyclohexane	7.577	56	49156	4.05	ug/l #	84
32) 1,1,1-Trichloroethane	7.485	97	39230	3.99	ug/l	100
36) 1,1-Dichloropropene	7.711	75	32366	3.94	ug/l	98
37) Ethyl Acetate	6.842	43	34212	2.83	ug/l #	93
38) Carbon Tetrachloride	7.692	117	33233	4.56	ug/l	97
39) Methylcyclohexane	9.011	83	37975	4.26	ug/l	97
40) Benzene	7.960	78	96723	4.02	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066331.D
 Acq On : 25 Mar 2021 15:24
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:09 PM

Quant Time: Mar 26 05:32:25 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)
41) Methacrylonitrile	7.083	41	18053m	3.13	ug/l	
42) 1,2-Dichloroethane	8.043	62	34700	3.62	ug/l	99
43) Isopropyl Acetate	8.094	43	59396	3.03	ug/l	99
44) Trichloroethene	8.765	130	25618	4.41	ug/l	91
45) 1,2-Dichloropropane	9.049	63	25796	3.61	ug/l	99
46) Dibromomethane	9.143	93	16856	4.23	ug/l	99
47) Bromodichloromethane	9.336	83	35284	4.04	ug/l	99
48) Methyl methacrylate	9.137	41	27409	2.86	ug/l	98
49) 1,4-Dioxane	9.148	88	6867	74.55	ug/l	99
51) 4-Methyl-2-Pentanone	9.923	43	171763	14.44	ug/l	99
52) Toluene	10.092	92	57597	4.02	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	35983	3.53	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	38845	3.54	ug/l	99
55) 1,1,2-Trichloroethane	10.503	97	23500	4.19	ug/l	95
56) Ethyl methacrylate	10.371	69	34223	3.56	ug/l	97
57) 1,3-Dichloropropane	10.645	76	38921	3.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	13435	4.50	ug/l	99
59) 2-Hexanone	10.696	43	114548	13.47	ug/l	97
60) Dibromochloromethane	10.843	129	25608	4.29	ug/l	98
61) 1,2-Dibromoethane	10.945	107	23816	4.13	ug/l	98
64) Tetrachloroethene	10.572	164	25891	4.86	ug/l	95
65) Chlorobenzene	11.374	112	57790	4.30	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.452	131	23296	4.65	ug/l	99
67) Ethyl Benzene	11.452	91	105164	4.19	ug/l	97
68) m/p-Xylenes	11.562	106	79536	8.72	ug/l	95
69) o-Xylene	11.889	106	37146	4.24	ug/l	98
70) Styrene	11.908	104	58667	4.08	ug/l	99
71) Bromoform	12.071	173	17691	4.58	ug/l #	99
73) Isopropylbenzene	12.192	105	96612	4.57	ug/l	100
74) N-amyl acetate	12.021	43	19287	1.89	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.450	83	32898	4.42	ug/l	92
76) 1,2,3-Trichloropropane	12.498	75	29701m	3.78	ug/l	
77) Bromobenzene	12.468	156	24117	4.88	ug/l	97
78) n-propylbenzene	12.535	91	99489	4.00	ug/l	99
79) 2-Chlorotoluene	12.616	91	62943	4.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	76599	4.31	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.246	75	7754	3.10	ug/l	93
82) 4-Chlorotoluene	12.718	91	58184	3.80	ug/l	99
83) tert-Butylbenzene	12.938	119	66206	4.38	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	71137	4.08	ug/l	99
85) sec-Butylbenzene	13.115	105	82768	4.16	ug/l	98
86) p-Isopropyltoluene	13.233	119	72475	4.09	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	38065	4.25	ug/l	100
88) 1,4-Dichlorobenzene	13.308	146	40354	4.44	ug/l	95
89) n-Butylbenzene	13.560	91	58670	3.67	ug/l	98
90) Hexachloroethane	13.815	117	12498	4.46	ug/l	98
91) 1,2-Dichlorobenzene	13.600	146	38862	4.39	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.217	75	5279	2.85	ug/l	95
93) 1,2,4-Trichlorobenzene	14.855	180	22400	4.46	ug/l	99
94) Hexachlorobutadiene	14.949	225	12692	4.88	ug/l	97
95) Naphthalene	15.073	128	68071	4.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	22931	4.30	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
Data File : VN066331.D
Acq On : 25 Mar 2021 15:24
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

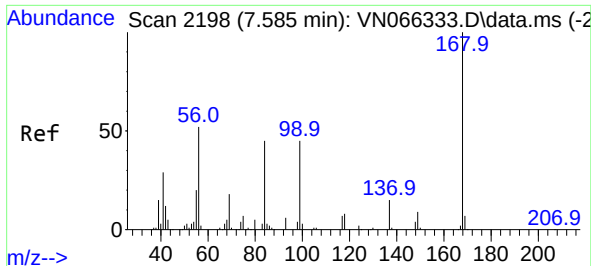
Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM

Quant Time: Mar 26 05:32:25 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)
----------	------	------	----------	------	-------	----------

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



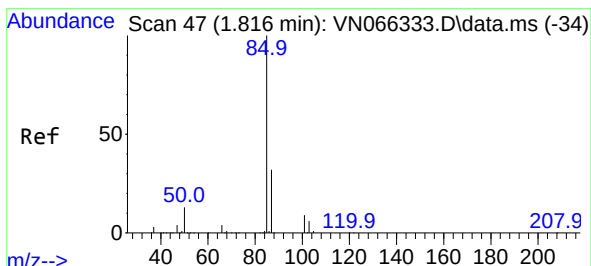
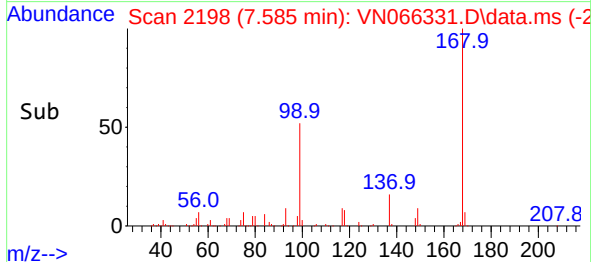
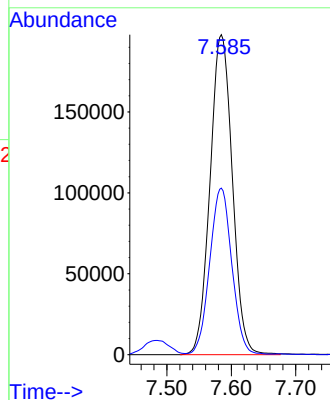
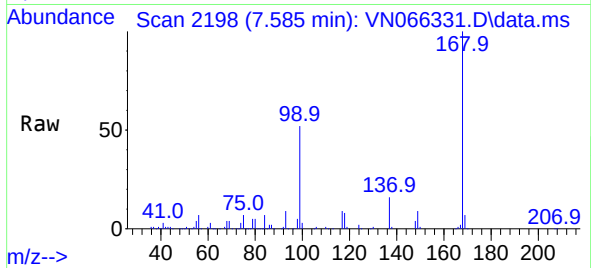
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 168 Resp: 475278
Ion Ratio Lower Upper
168 100
99 51.8 41.1 61.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

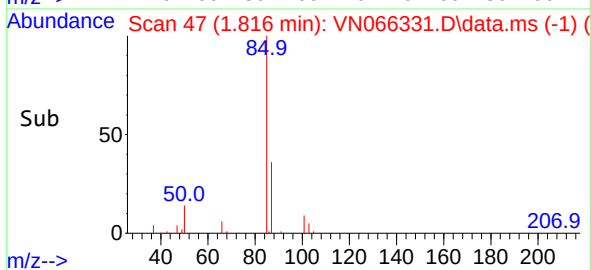
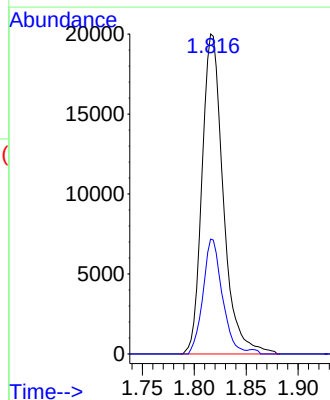
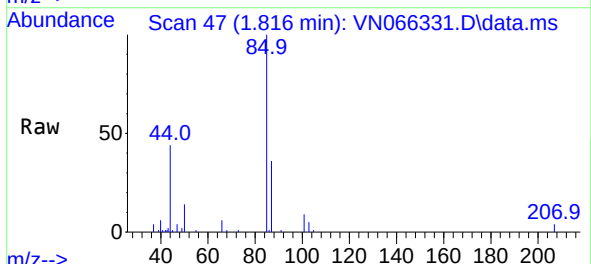
Manual Integrations
APPROVED

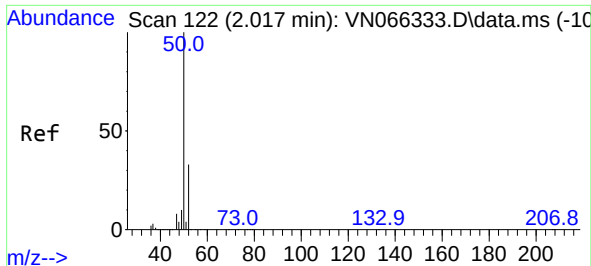
SAM
3/29/2021 5:12:09 PM



#2
Dichlorodifluoromethane
Concen: 4.78 ug/l
RT: 1.816 min Scan# 47
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 85 Resp: 28400
Ion Ratio Lower Upper
85 100
87 35.9 16.2 48.6





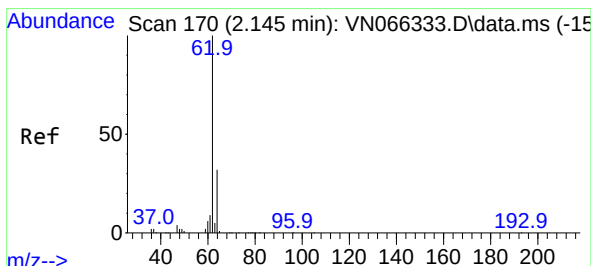
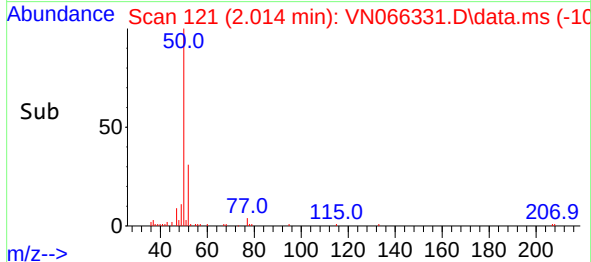
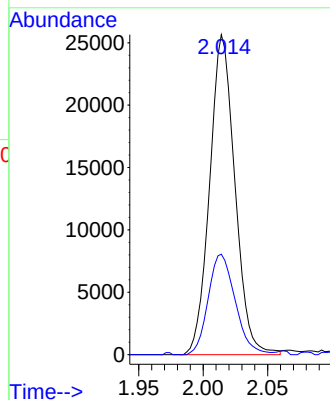
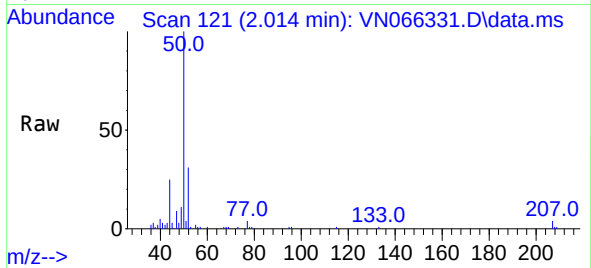
#3
Chloromethane
Concen: 3.47 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 50 Resp: 34985
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

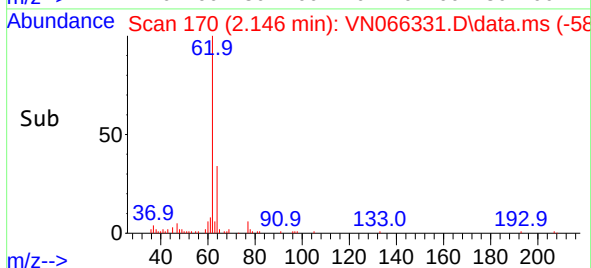
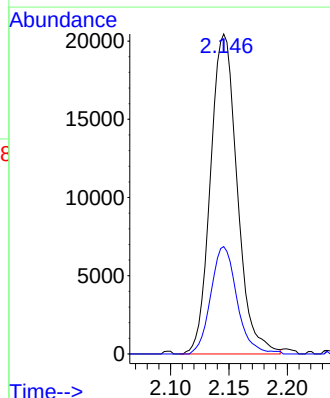
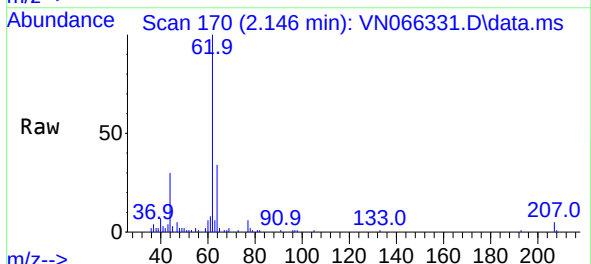
Manual Integrations
APPROVED

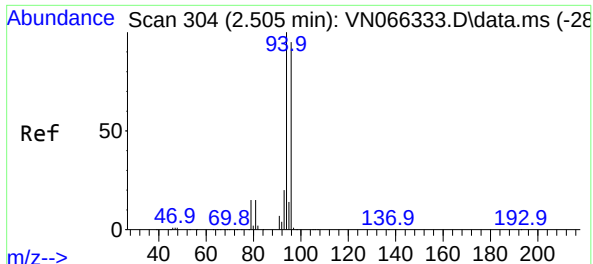
SAM
3/29/2021 5:12:09 PM



#4
Vinyl Chloride
Concen: 3.97 ug/l
RT: 2.146 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 62 Resp: 32569
Ion Ratio Lower Upper
62 100
64 33.5 25.6 38.4





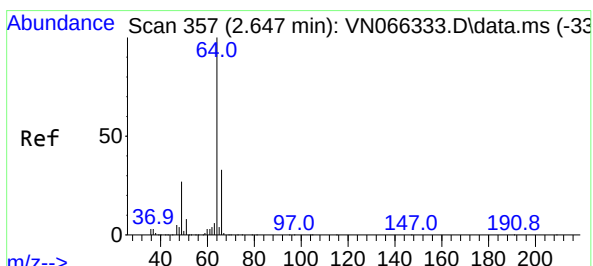
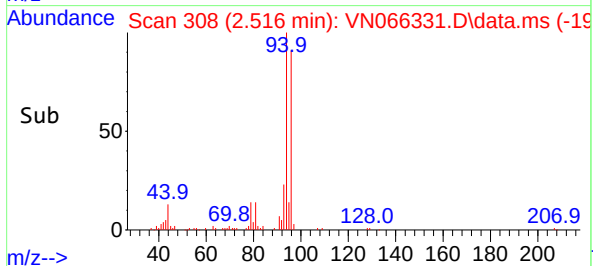
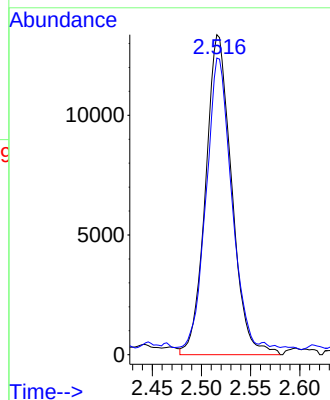
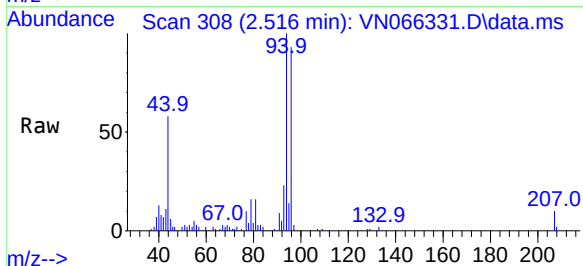
#5
Bromomethane
Concen: 5.35 ug/l
RT: 2.516 min Scan# 308
Delta R.T. 0.011 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 94 Resp: 24660
Ion Ratio Lower Upper
94 100
96 90.5 75.8 113.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

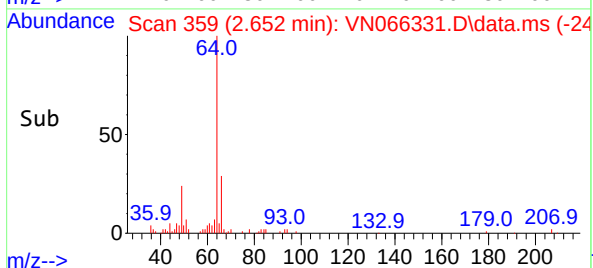
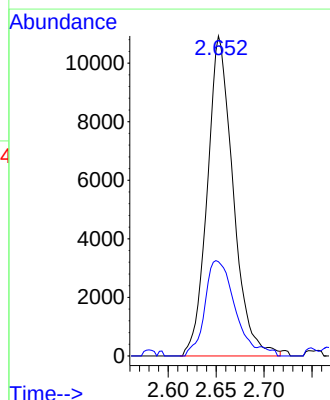
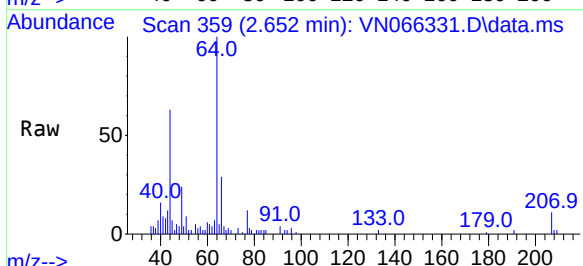
Manual Integrations
APPROVED

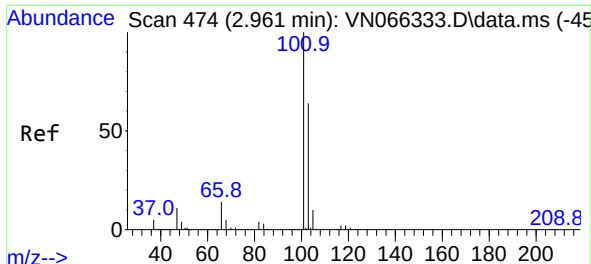
SAM
3/29/2021 5:12:09 PM



#6
Chloroethane
Concen: 4.48 ug/l
RT: 2.652 min Scan# 359
Delta R.T. 0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 64 Resp: 20508
Ion Ratio Lower Upper
64 100
66 29.5 26.1 39.1





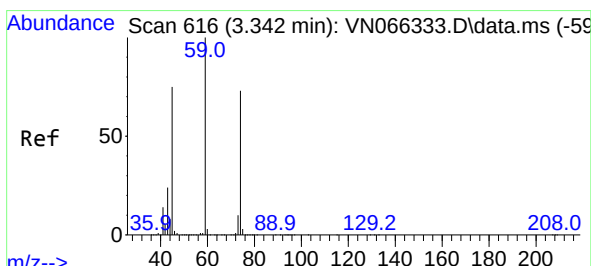
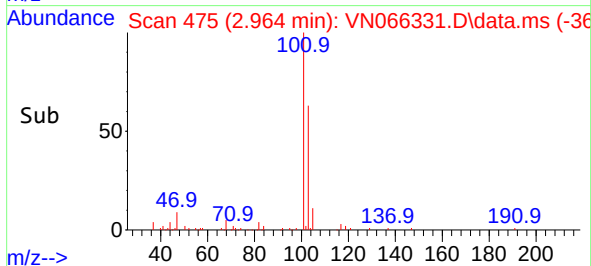
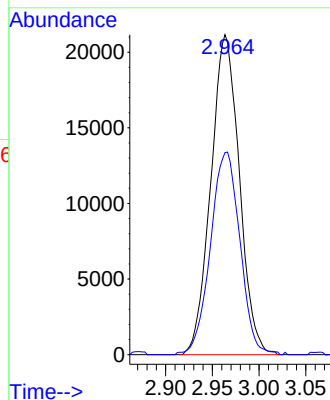
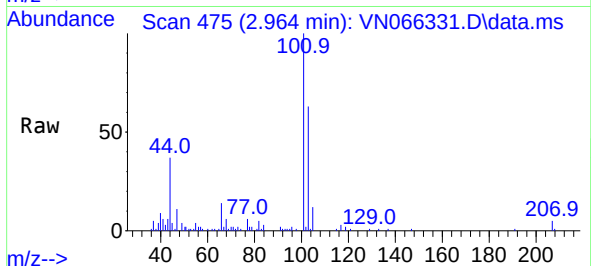
#7
Trichlorofluoromethane
Concen: 4.91 ug/l
RT: 2.964 min Scan# 475
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 44925
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0

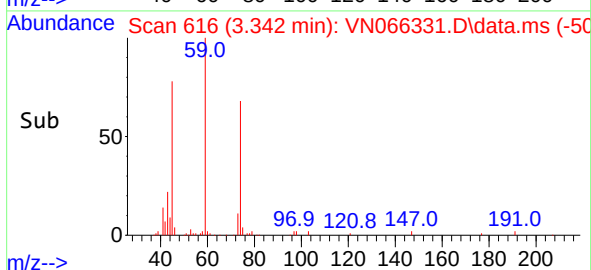
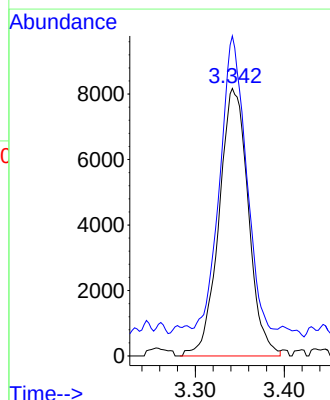
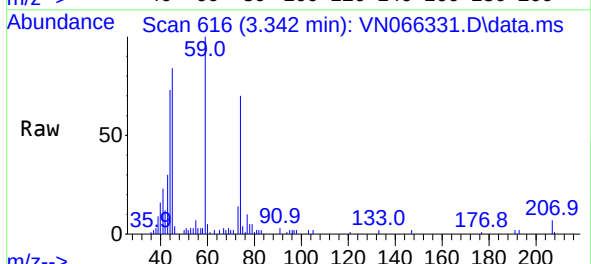
Manual Integrations
APPROVED

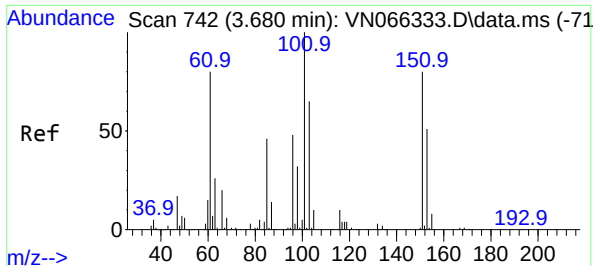
SAM
3/29/2021 5:12:09 PM



#8
Diethyl Ether
Concen: 5.02 ug/l
RT: 3.342 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 74 Resp: 18712
Ion Ratio Lower Upper
74 100
45 98.9 51.6 154.8





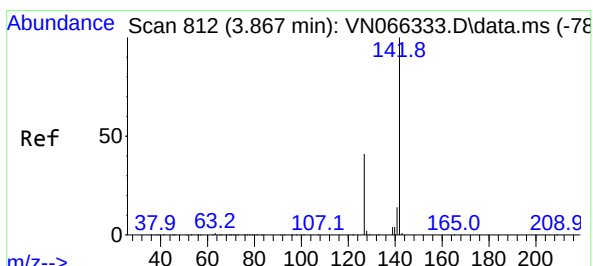
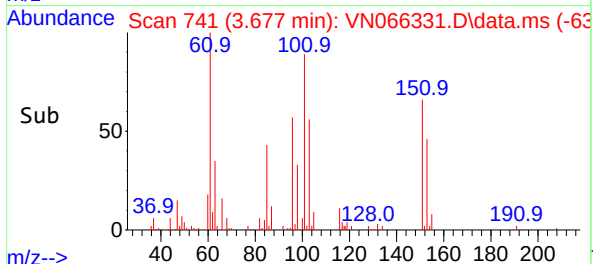
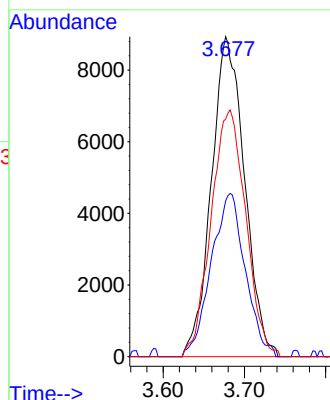
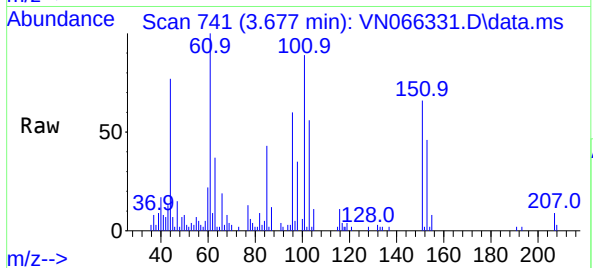
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.62 ug/l
RT: 3.677 min Scan# 741
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:	101	Resp:	25337
Ion	Ratio	Lower	Upper
101	100		
85	52.4	36.8	55.2
151	80.9	63.0	94.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

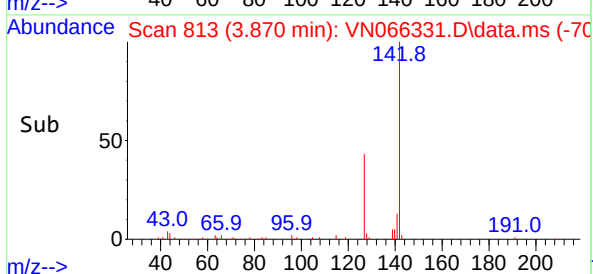
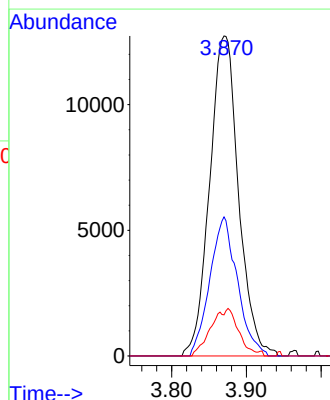
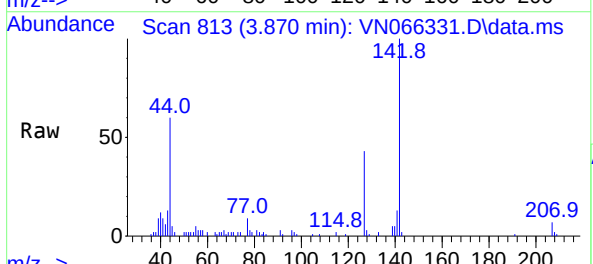
Manual Integrations
APPROVED

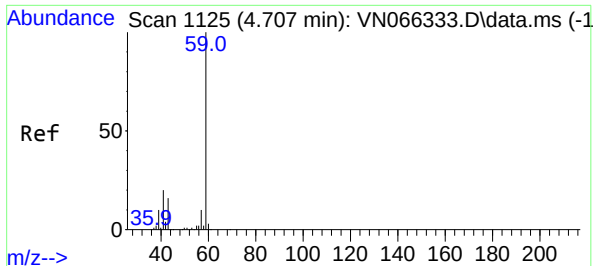
SAM
3/29/2021 5:12:09 PM



#10
Methyl Iodide
Concen: 6.12 ug/l
RT: 3.870 min Scan# 813
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:	142	Resp:	34183
Ion	Ratio	Lower	Upper
142	100		
127	41.4	33.0	49.6
141	7.4	11.1	16.7#





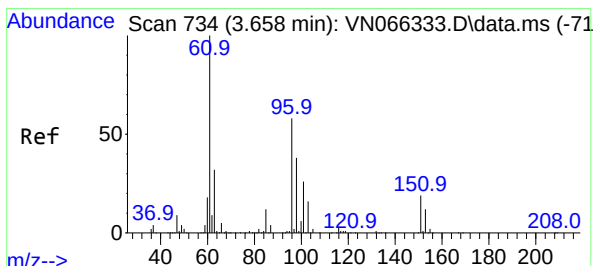
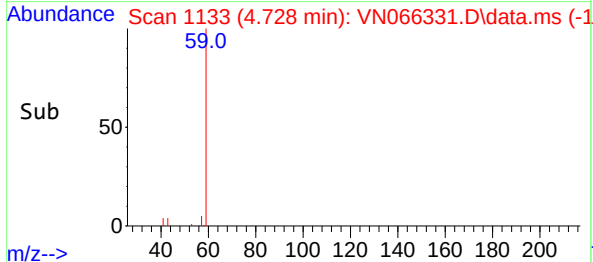
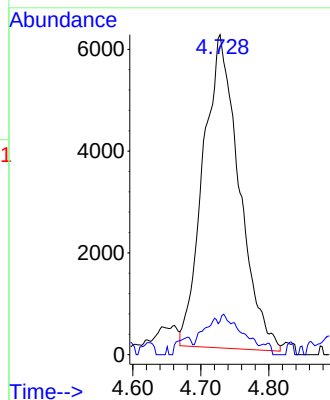
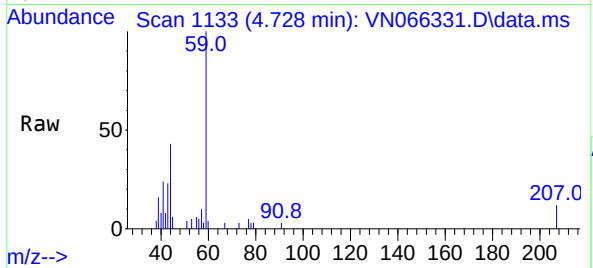
#11
Tert butyl alcohol
Concen: 15.78 ug/l
RT: 4.728 min Scan# 1133
Delta R.T. 0.021 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 59 Resp: 22625
Ion Ratio Lower Upper
59 100
57 5.2 4.1 6.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

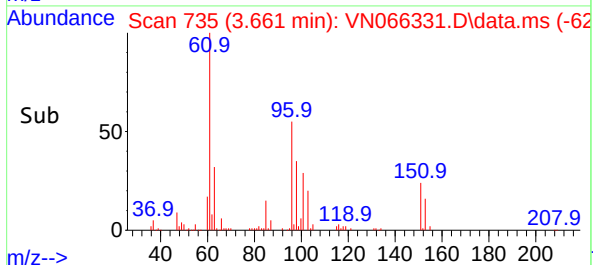
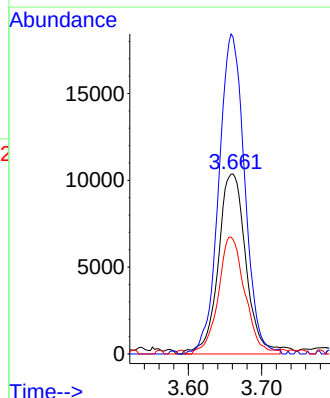
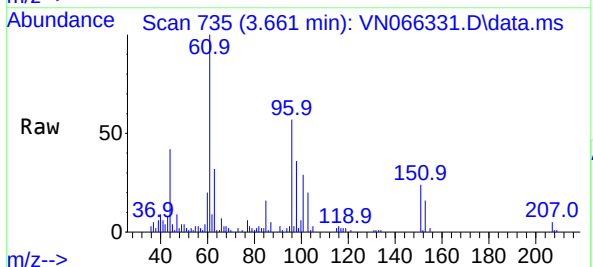
Manual Integrations
APPROVED

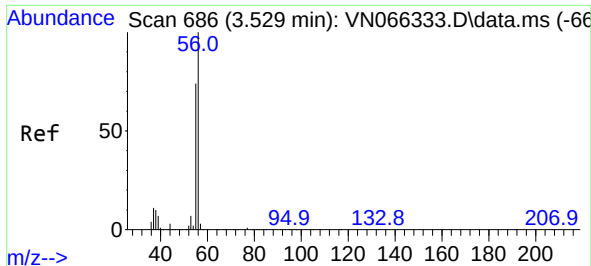
SAM
3/29/2021 5:12:09 PM



#12
1,1-Dichloroethene
Concen: 5.52 ug/l
RT: 3.661 min Scan# 735
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

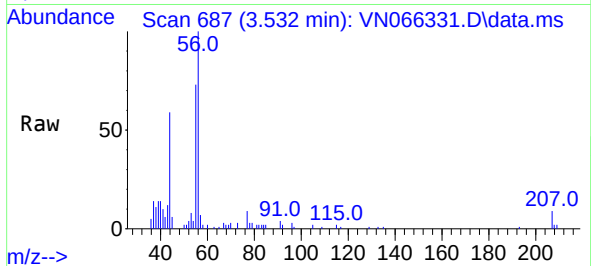
Tgt Ion: 96 Resp: 27107
Ion Ratio Lower Upper
96 100
61 176.0 137.0 205.4
98 61.5 51.5 77.3





#13
Acrolein
Concen: 30.39 ug/l
RT: 3.532 min Scan# 687
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

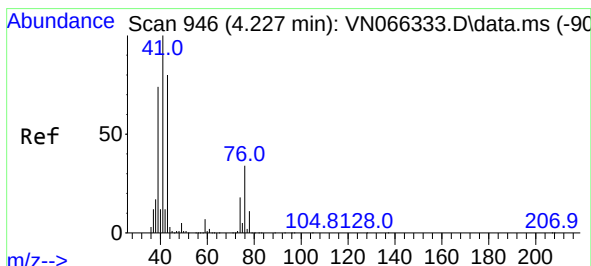
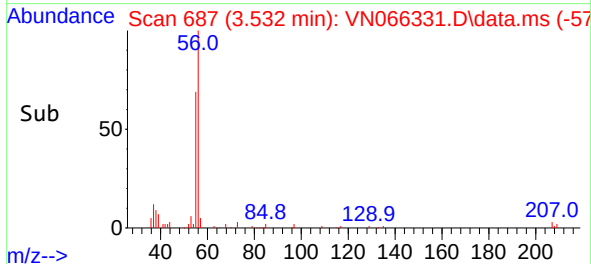
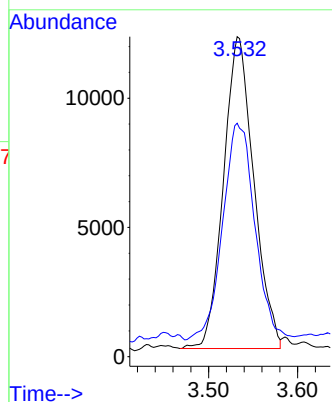
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 28553
Ion Ratio Lower Upper
56 100
55 73.5 57.9 86.9

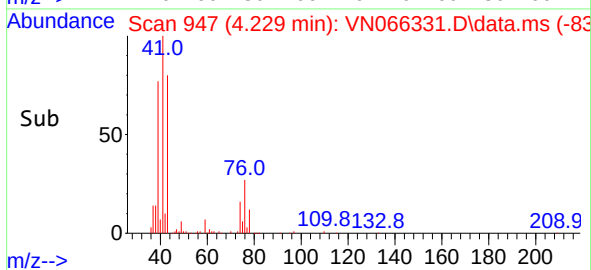
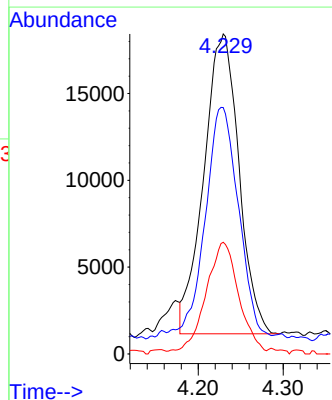
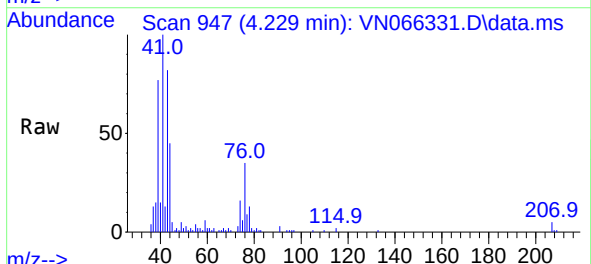
Manual Integrations
APPROVED

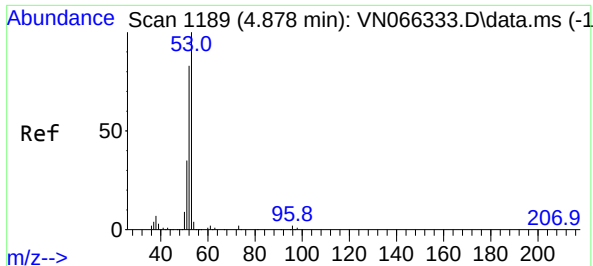
SAM
3/29/2021 5:12:09 PM



#14
Allyl chloride
Concen: 3.51 ug/l
RT: 4.229 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 41 Resp: 49735
Ion Ratio Lower Upper
41 100
39 70.8 55.3 82.9
76 32.9 24.6 36.8



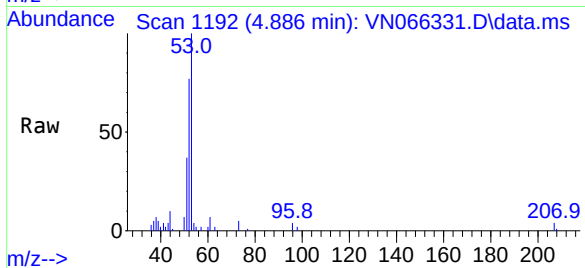


#15
Acrylonitrile
Concen: 14.92 ug/l
RT: 4.886 min Scan# 1192
Delta R.T. 0.008 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

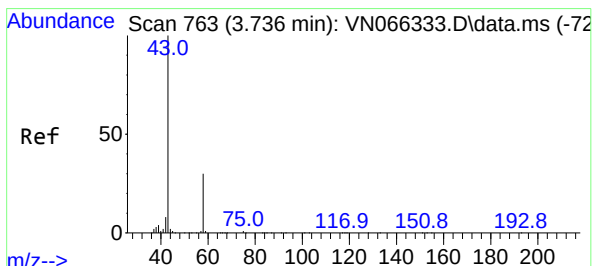
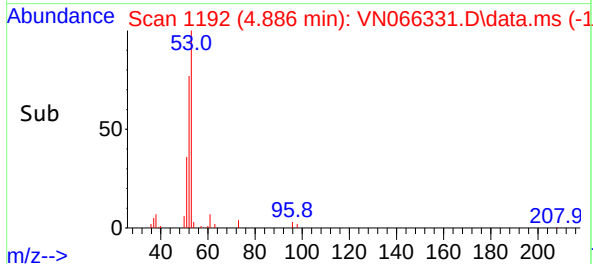
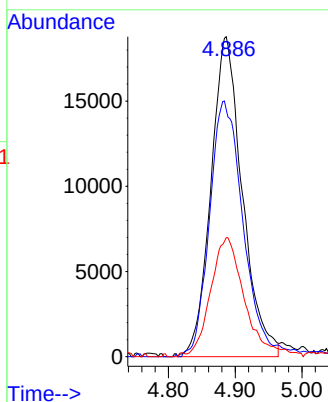
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM

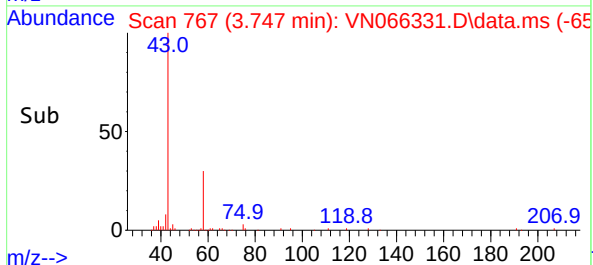
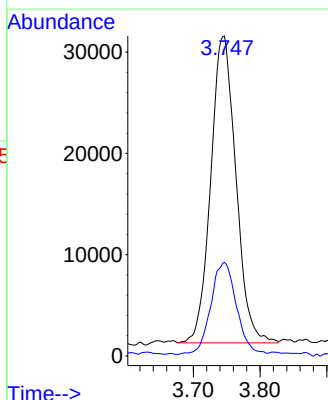
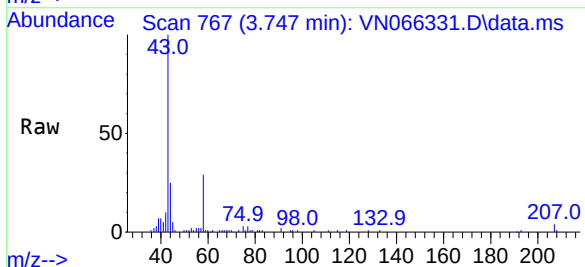


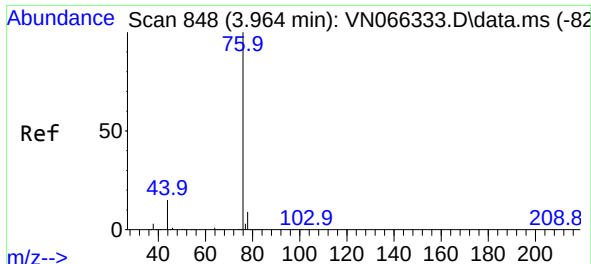
Tgt Ion: 53 Resp: 61367
Ion Ratio Lower Upper
53 100
52 84.3 66.6 99.8
51 40.3 29.4 44.0



#16
Acetone
Concen: 18.13 ug/l
RT: 3.747 min Scan# 767
Delta R.T. 0.011 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

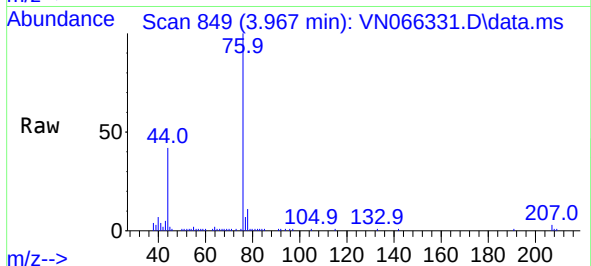
Tgt Ion: 43 Resp: 79421
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8





#17
Carbon Disulfide
Concen: 4.94 ug/l
RT: 3.967 min Scan# 849
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

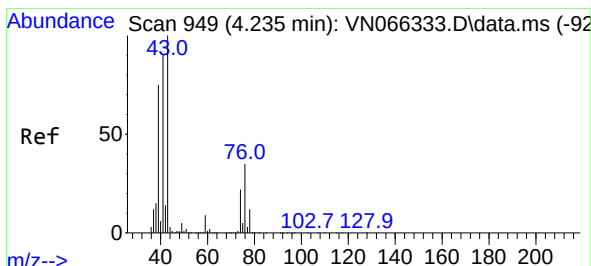
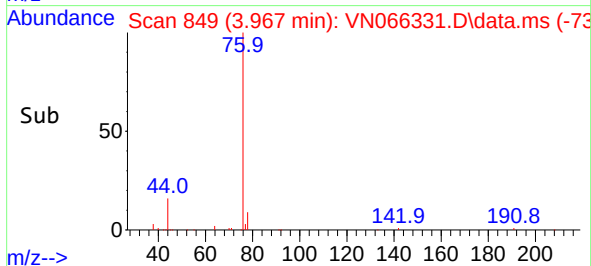
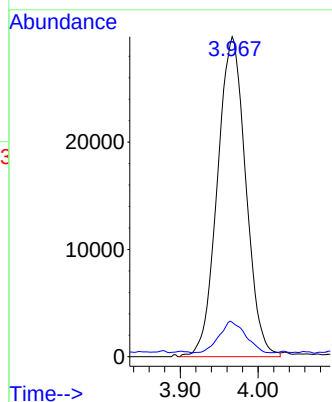
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 75453
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

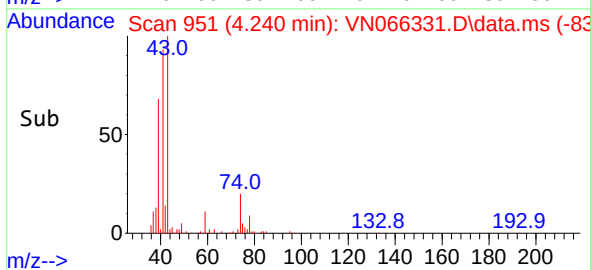
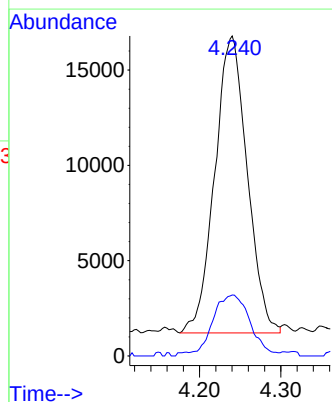
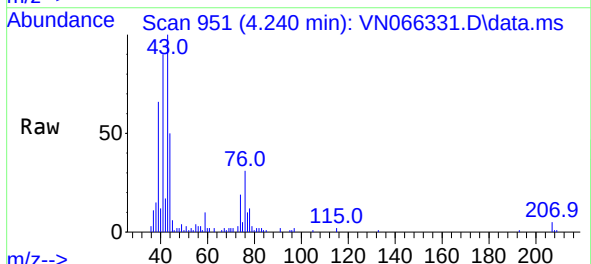
Manual Integrations
APPROVED

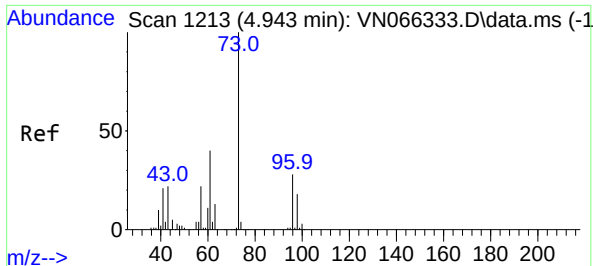
SAM
3/29/2021 5:12:09 PM



#18
Methyl Acetate
Concen: 4.01 ug/l
RT: 4.240 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 43 Resp: 43274
Ion Ratio Lower Upper
43 100
74 21.9 17.6 26.4





#19

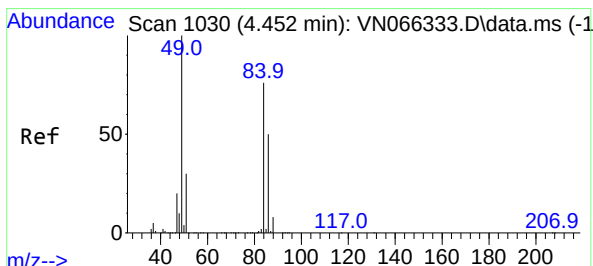
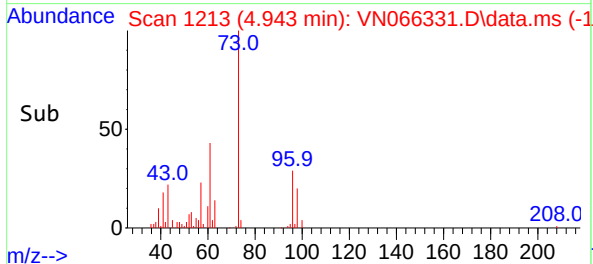
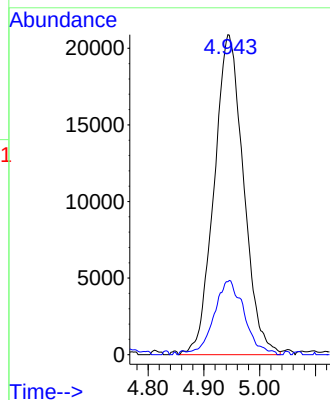
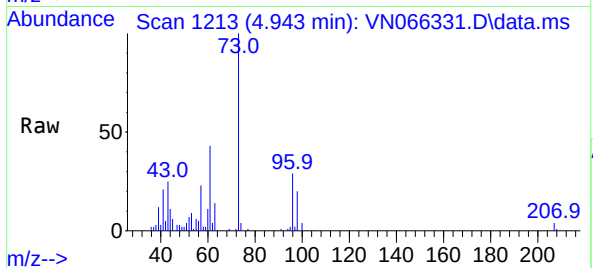
Methyl tert-butyl Ether
Concen: 3.69 ug/l
RT: 4.943 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 73 Resp: 76372
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

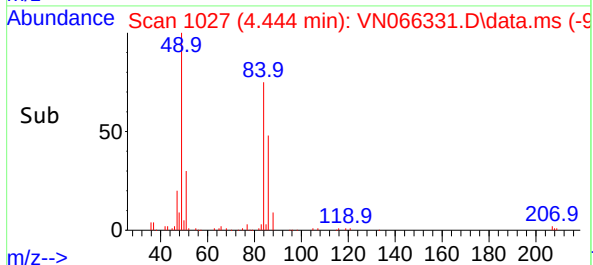
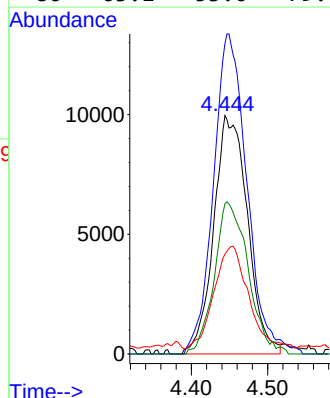
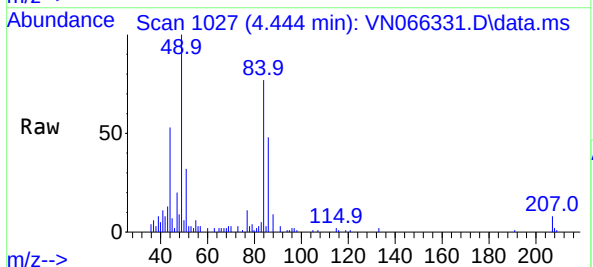
SAM
3/29/2021 5:12:09 PM

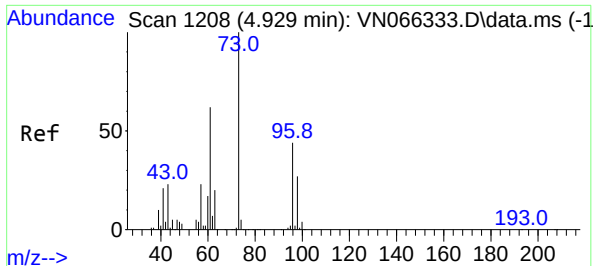


#20

Methylene Chloride
Concen: 4.62 ug/l
RT: 4.444 min Scan# 1027
Delta R.T. -0.008 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 84 Resp: 30623
Ion Ratio Lower Upper
84 100
49 130.3 105.0 157.6
51 38.0 31.6 47.4
86 63.1 53.0 79.6





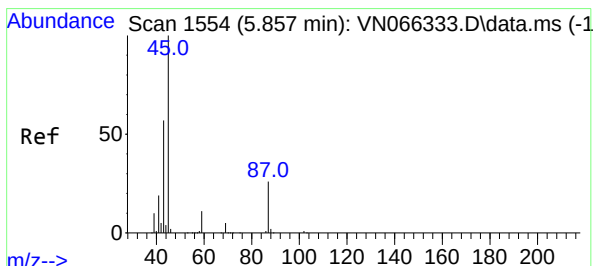
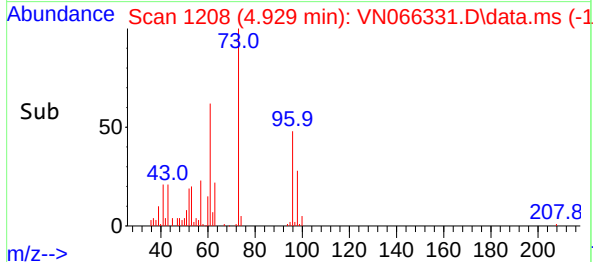
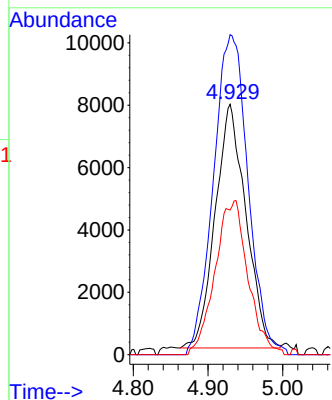
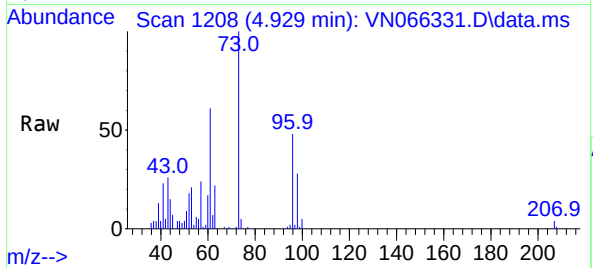
#21
trans-1,2-Dichloroethene
Concen: 4.02 ug/l
RT: 4.929 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 96 Resp: 22242
Ion Ratio Lower Upper
96 100
61 131.3 113.7 170.5
98 59.4 50.2 75.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

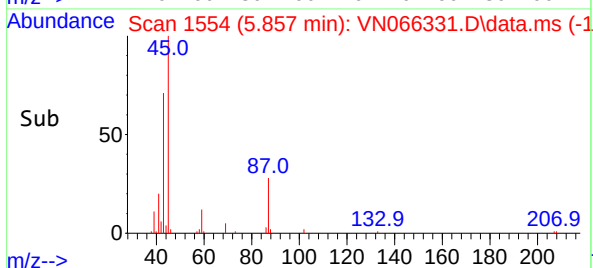
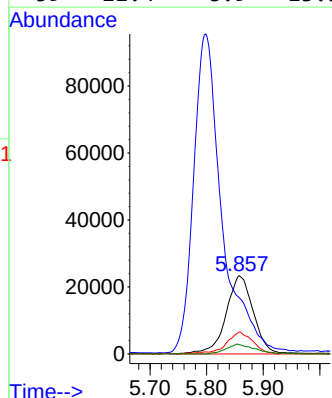
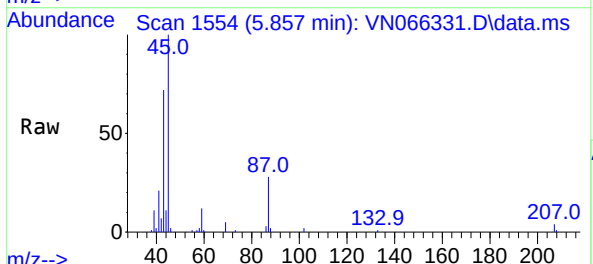
Manual Integrations
APPROVED

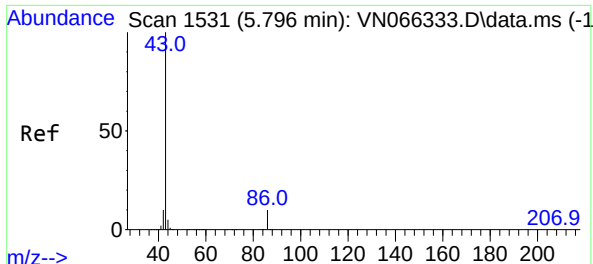
SAM
3/29/2021 5:12:09 PM



#22
Diisopropyl ether
Concen: 2.83 ug/l
RT: 5.857 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 45 Resp: 77660
Ion Ratio Lower Upper
45 100
43 66.0 48.1 72.1
87 27.4 21.6 32.4
59 11.4 8.9 13.3





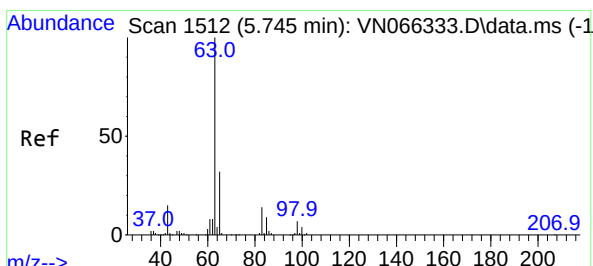
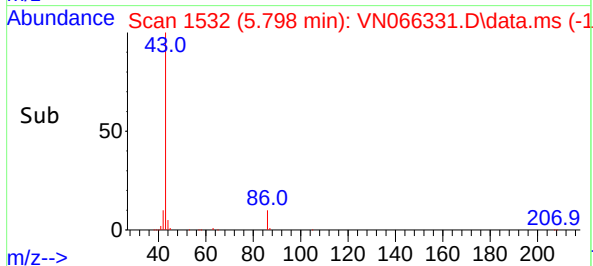
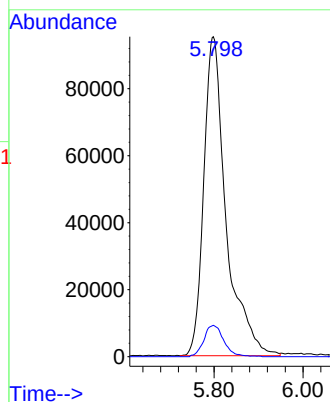
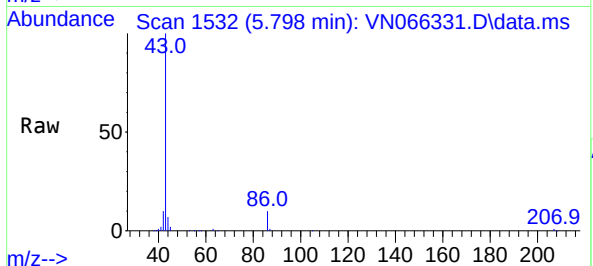
#23
Vinyl Acetate
Concen: 14.10 ug/l
RT: 5.798 min Scan# 1532
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 43 Resp: 332004
Ion Ratio Lower Upper
43 100
86 9.8 7.7 11.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

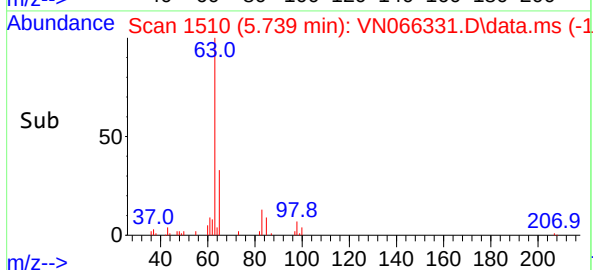
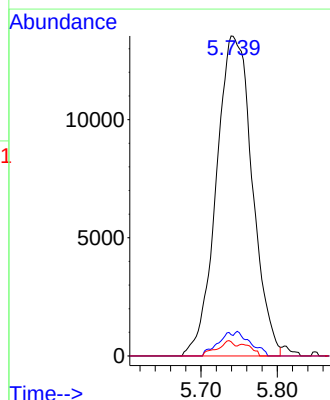
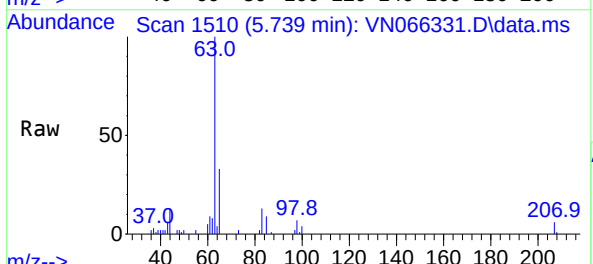
Manual Integrations
APPROVED

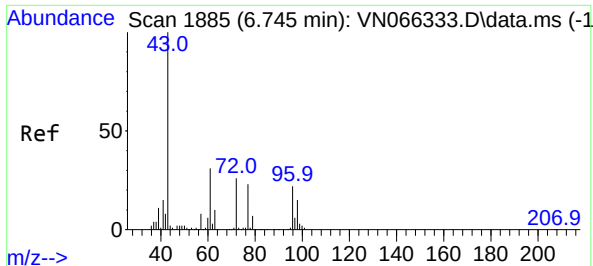
SAM
3/29/2021 5:12:09 PM



#24
1,1-Dichloroethane
Concen: 3.46 ug/l
RT: 5.739 min Scan# 1510
Delta R.T. -0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 63 Resp: 44289
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.5 2.0 6.0





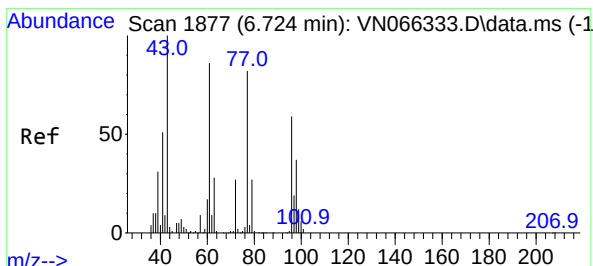
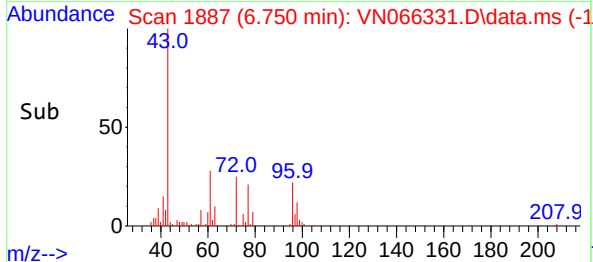
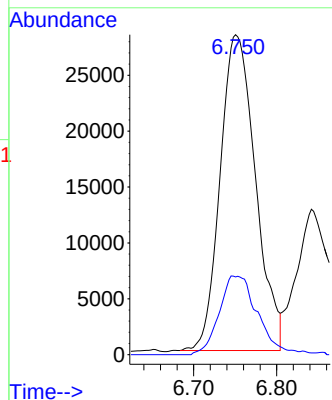
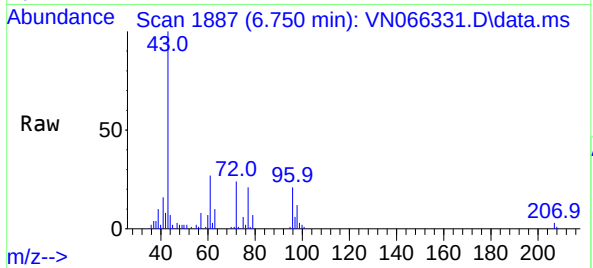
#25
2-Butanone
Concen: 12.92 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 43 Resp: 83588
Ion Ratio Lower Upper
43 100
72 24.6 20.7 31.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

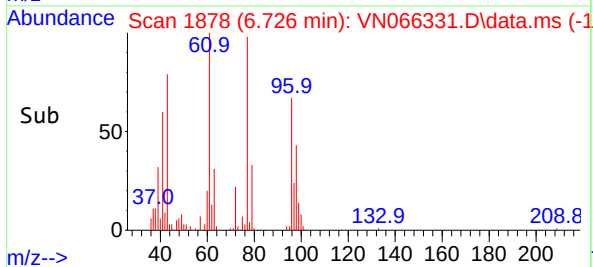
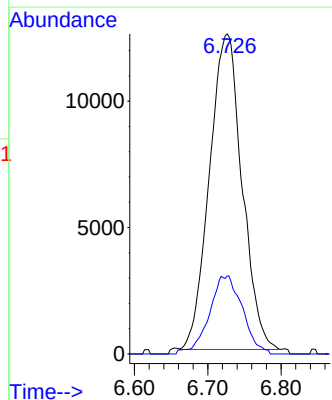
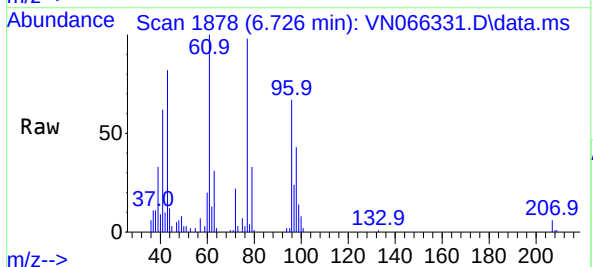
Manual Integrations
APPROVED

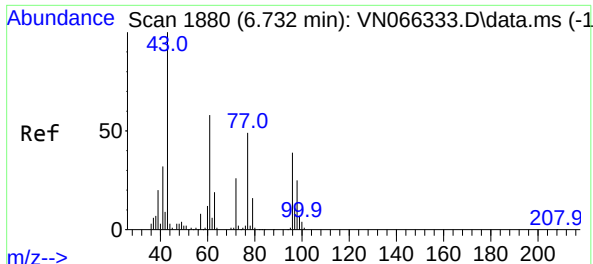
SAM
3/29/2021 5:12:09 PM



#26
2,2-Dichloropropane
Concen: 3.61 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

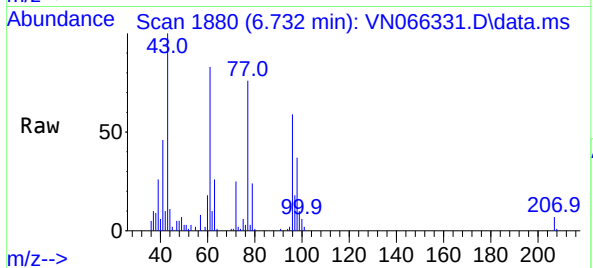
Tgt Ion: 77 Resp: 38589
Ion Ratio Lower Upper
77 100
97 25.1 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 3.88 ug/l
RT: 6.732 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

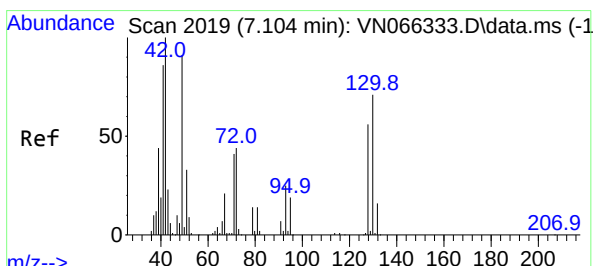
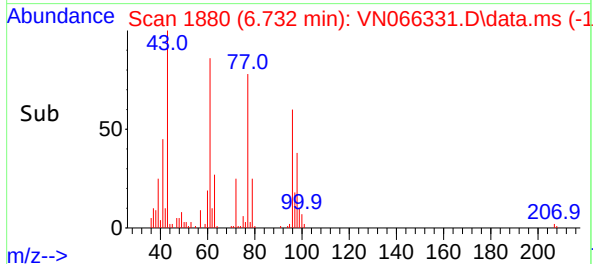
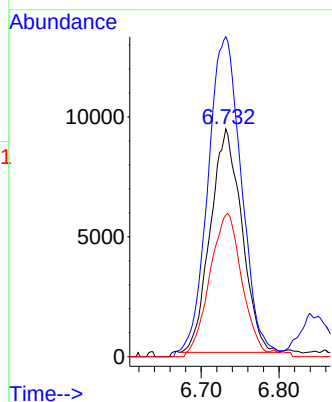
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 26081
Ion Ratio Lower Upper
96 100
61 154.2 0.0 296.2
98 65.7 0.0 129.2

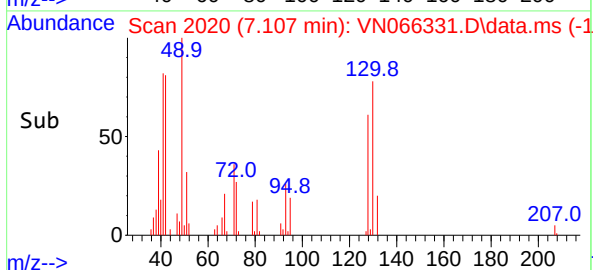
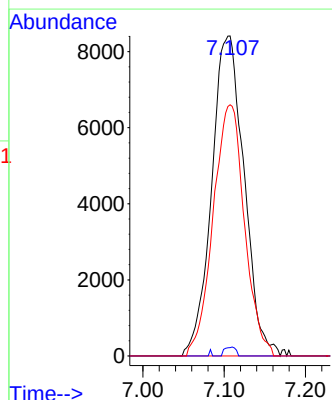
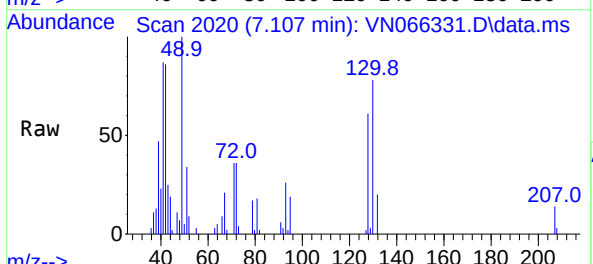
Manual Integrations
APPROVED

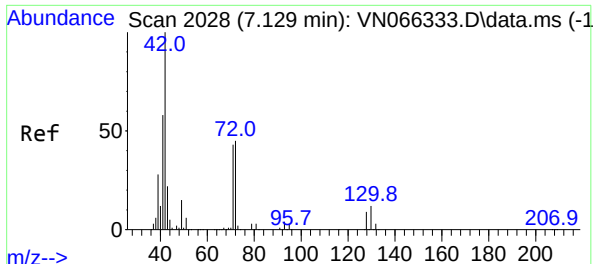
SAM
3/29/2021 5:12:09 PM



#28
Bromochloromethane
Concen: 3.20 ug/l
RT: 7.107 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 49 Resp: 23351
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.2
130 75.8 61.6 92.4





#29
Tetrahydrofuran
Concen: 12.20 ug/l
RT: 7.134 min Scan# 2030
Delta R.T. 0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

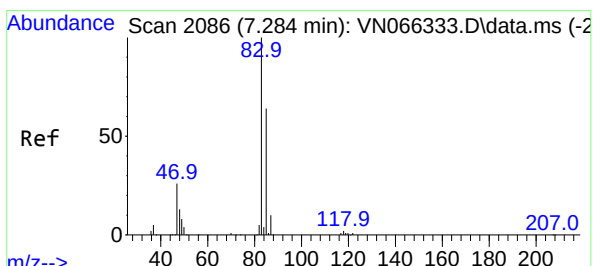
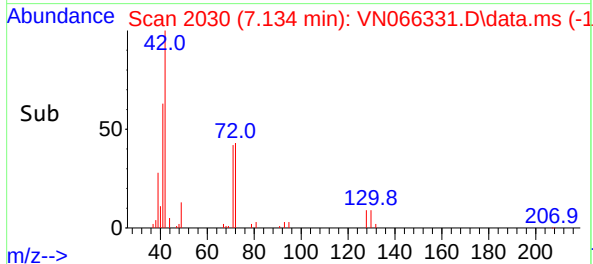
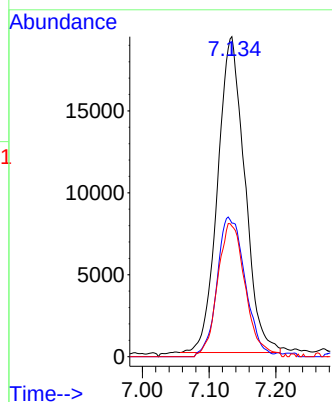
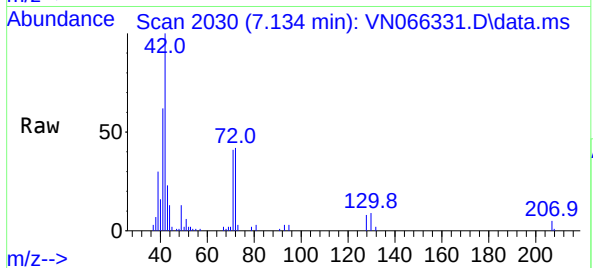
Tgt Ion: 42 Resp: 54443

Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.2	52.8
71	43.0	33.1	49.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

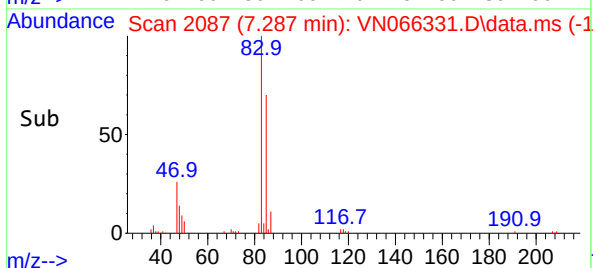
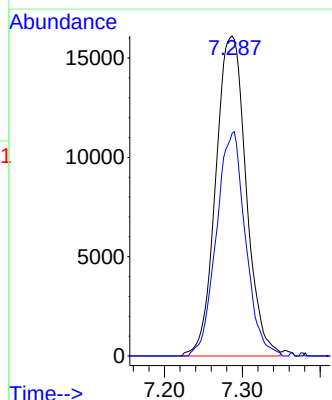
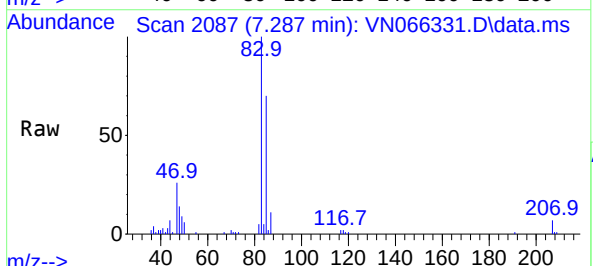
SAM
3/29/2021 5:12:09 PM

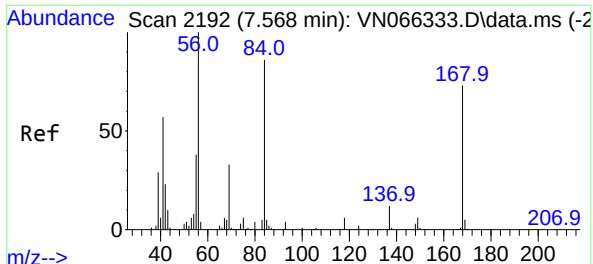


#30
Chloroform
Concen: 3.75 ug/l
RT: 7.287 min Scan# 2087
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 83 Resp: 43621

Ion	Ratio	Lower	Upper
83	100		
85	69.7	51.3	76.9





#31

Cyclohexane

Concen: 4.05 ug/l

RT: 7.577 min Scan# 2195

Delta R.T. 0.008 min

Lab File: VN066331.D

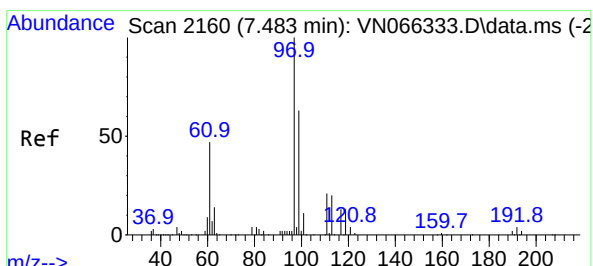
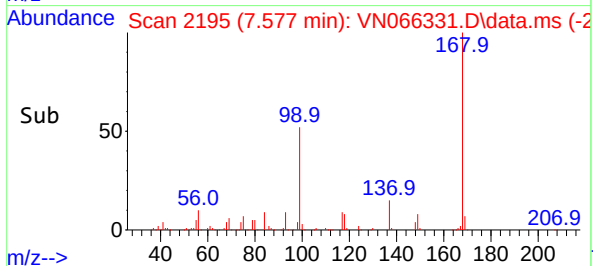
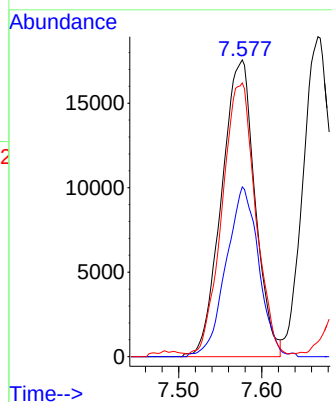
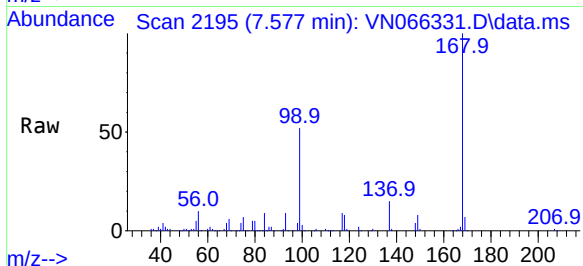
Acq: 25 Mar 2021 15:24

Tgt Ion:	56	Resp:	49156
Ion	Ratio	Lower	Upper
56	100		
69	57.2	26.6	40.0#
84	90.9	68.7	103.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM



#32

1,1,1-Trichloroethane

Concen: 3.99 ug/l

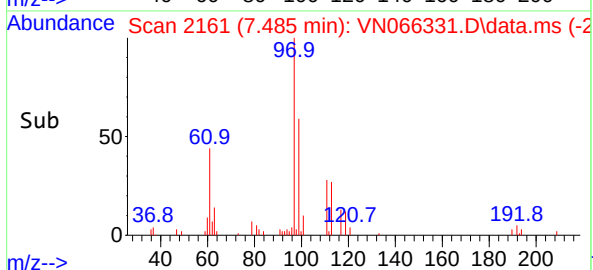
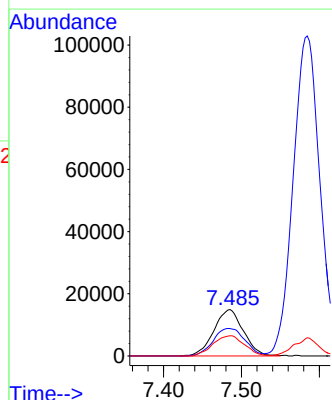
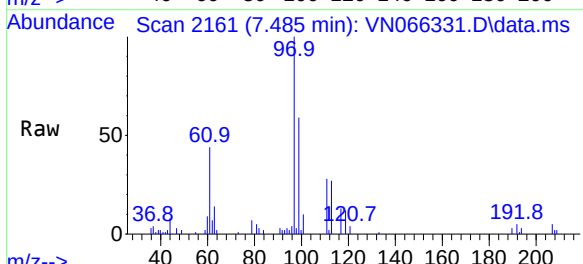
RT: 7.485 min Scan# 2161

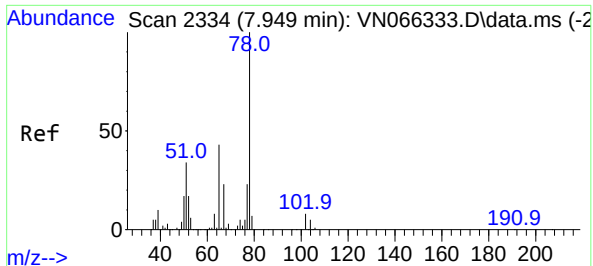
Delta R.T. 0.003 min

Lab File: VN066331.D

Acq: 25 Mar 2021 15:24

Tgt Ion:	97	Resp:	39230
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.1	76.7
61	46.4	36.9	55.3





#33

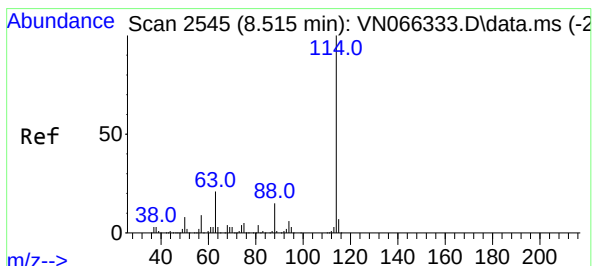
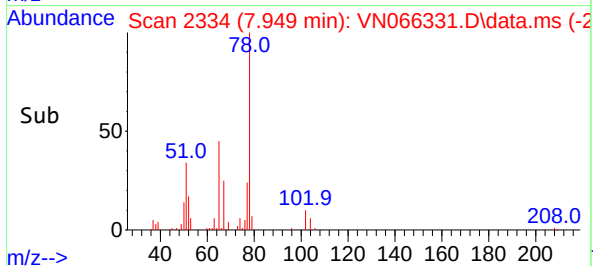
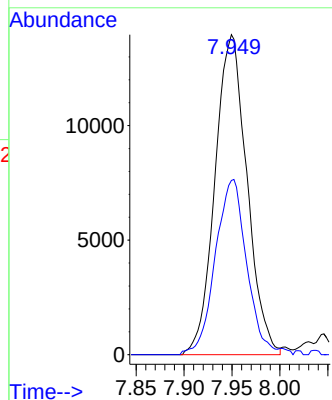
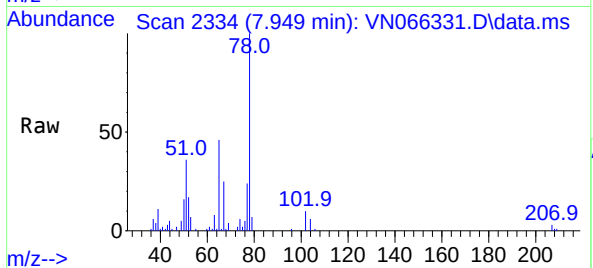
1,2-Dichloroethane-d4
Concen: 3.85 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 65 Resp: 32423
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

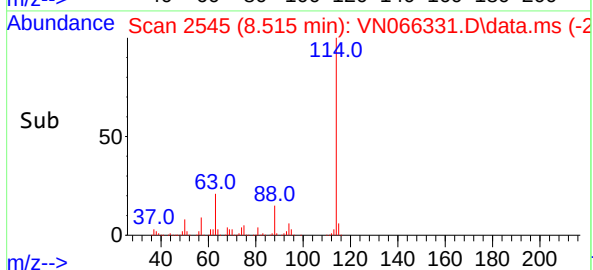
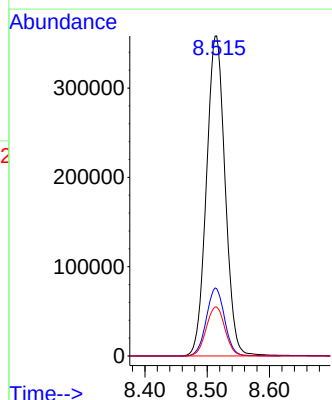
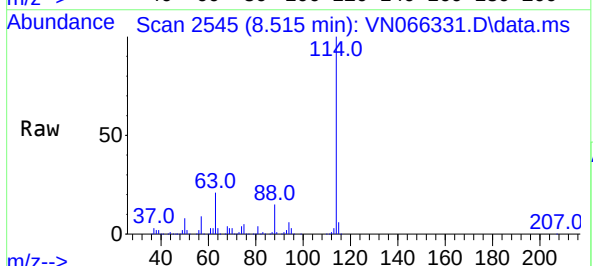
SAM
3/29/2021 5:12:09 PM

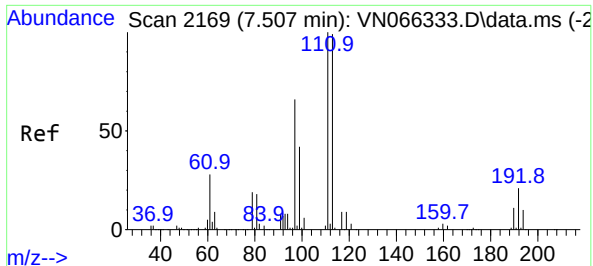


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 114 Resp: 745637
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.0
88 15.3 0.0 31.0





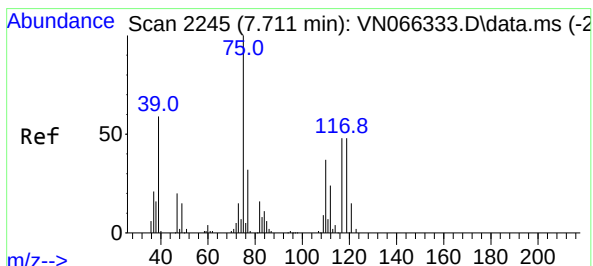
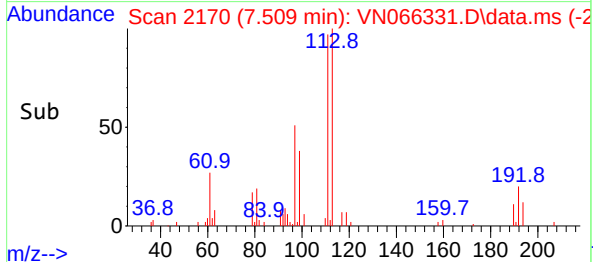
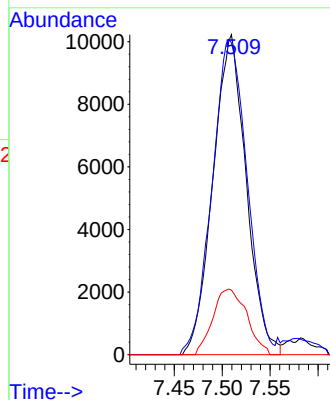
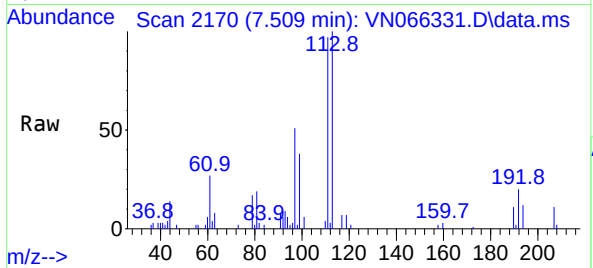
#35
Dibromofluoromethane
Concen: 4.84 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:	113	Resp:	24587
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.8	122.8
192	21.0	17.1	25.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

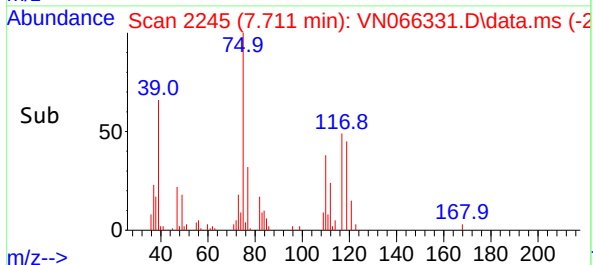
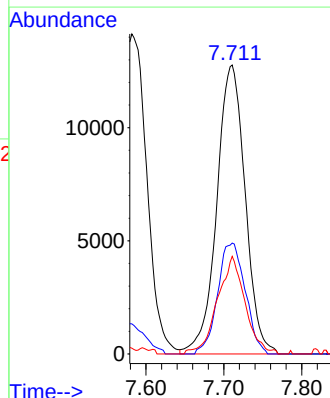
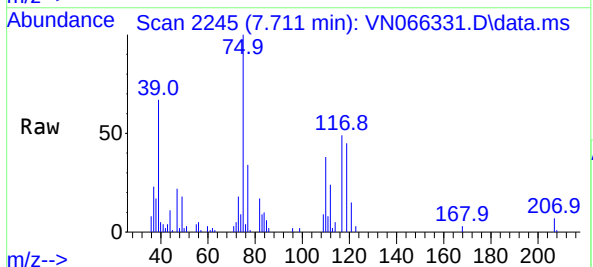
Manual Integrations
APPROVED

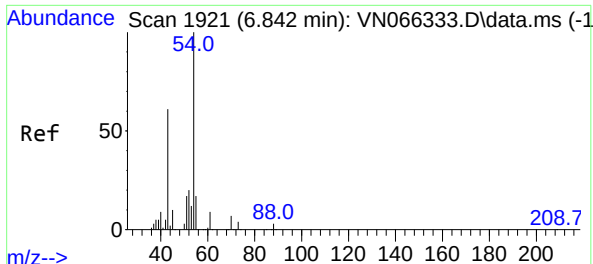
SAM
3/29/2021 5:12:09 PM



#36
1,1-Dichloropropene
Concen: 3.94 ug/l
RT: 7.711 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

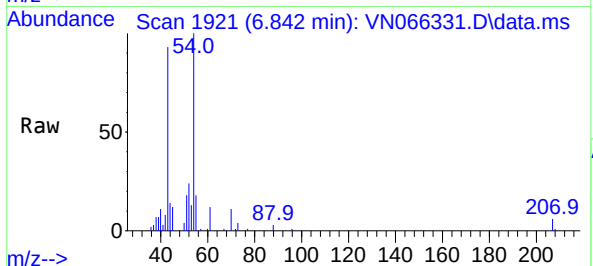
Tgt Ion:	75	Resp:	32366
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.1	54.3
77	32.6	25.0	37.4





#37
Ethyl Acetate
Concen: 2.83 ug/l
RT: 6.842 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

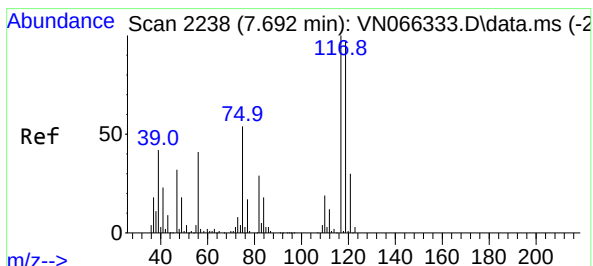
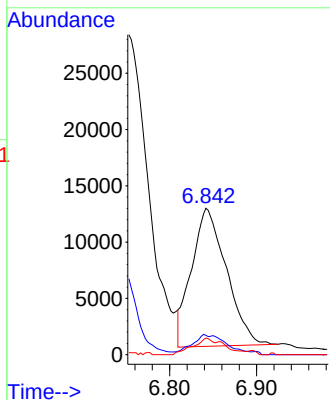
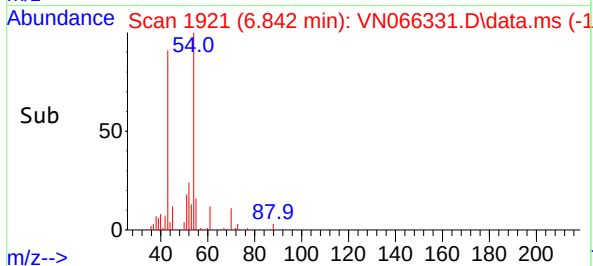
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



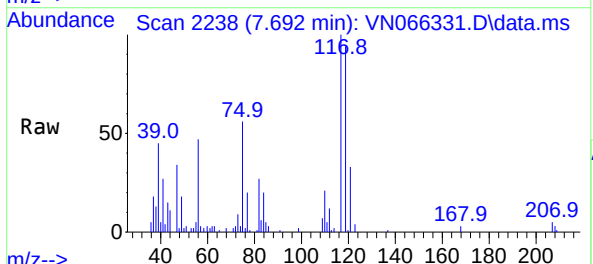
Tgt Ion: 43 Resp: 34212
Ion Ratio Lower Upper
43 100
61 11.3 11.1 16.7
70 7.1 8.0 12.0#

Manual Integrations
APPROVED

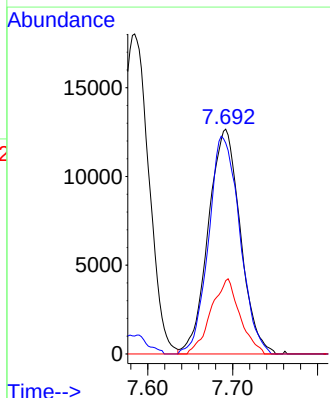
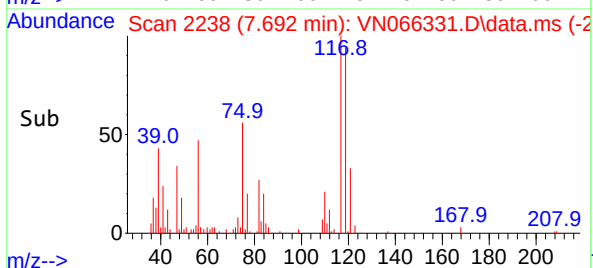
SAM
3/29/2021 5:12:09 PM

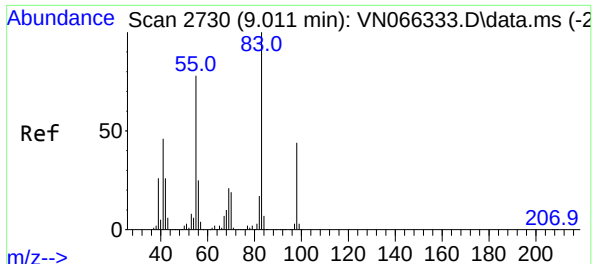


#38
Carbon Tetrachloride
Concen: 4.56 ug/l
RT: 7.692 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



Tgt Ion: 117 Resp: 33233
Ion Ratio Lower Upper
117 100
119 93.8 77.2 115.8
121 32.6 24.2 36.4





#39

Methylcyclohexane

Concen: 4.26 ug/l

RT: 9.011 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VN066331.D

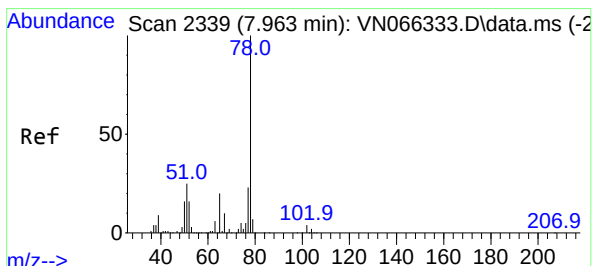
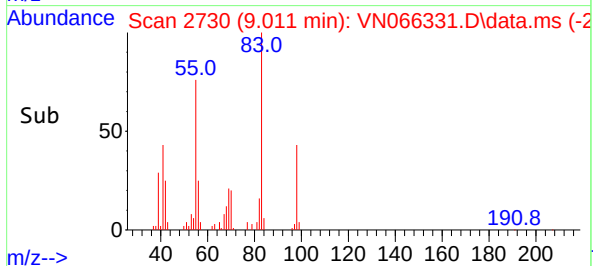
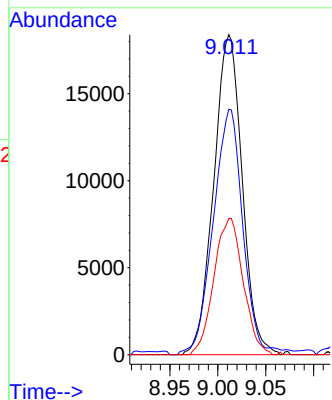
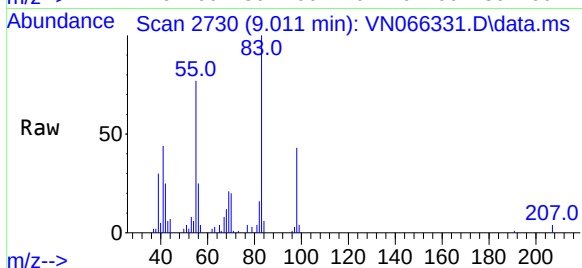
Acq: 25 Mar 2021 15:24

Tgt Ion:	83	Resp:	37975
Ion	Ratio	Lower	Upper
83	100		
55	75.8	62.3	93.5
98	42.6	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM



#40

Benzene

Concen: 4.02 ug/l

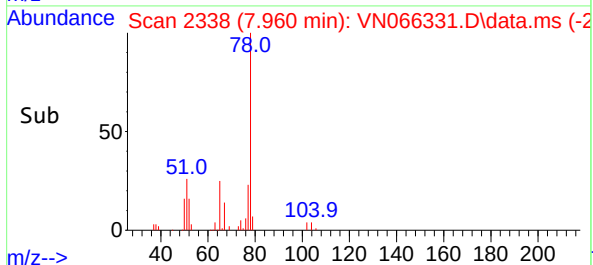
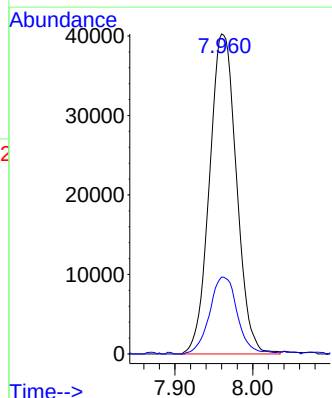
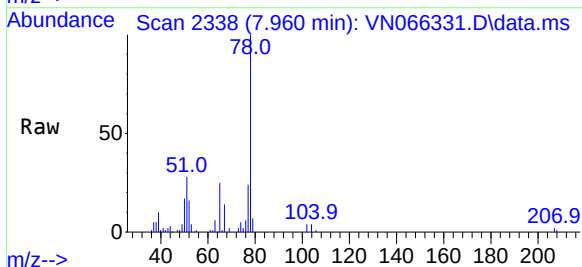
RT: 7.960 min Scan# 2338

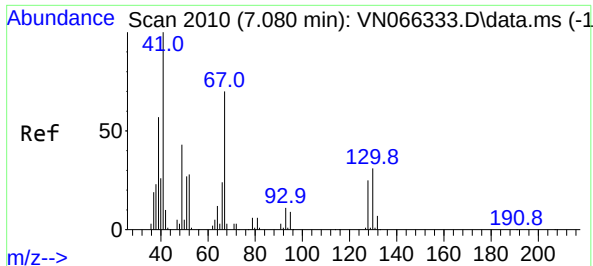
Delta R.T. -0.003 min

Lab File: VN066331.D

Acq: 25 Mar 2021 15:24

Tgt Ion:	78	Resp:	96723
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





#41

Methacrylonitrile

Concen: 3.13 ug/l m

RT: 7.083 min Scan# 2011

Delta R.T. 0.003 min

Lab File: VN066331.D

Acq: 25 Mar 2021 15:24

Tgt Ion: 41 Resp: 18053

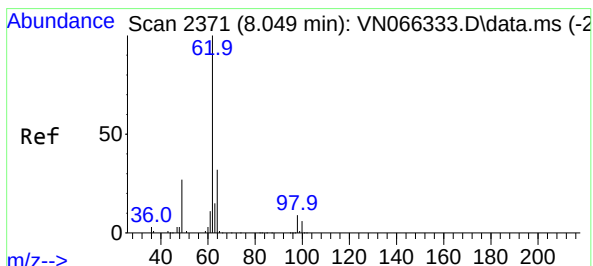
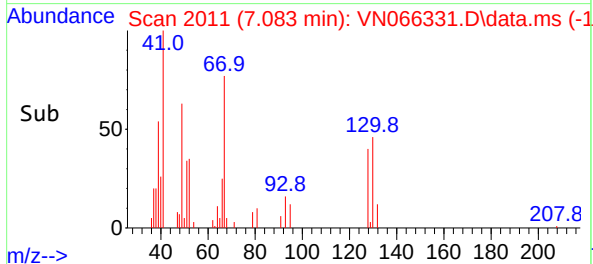
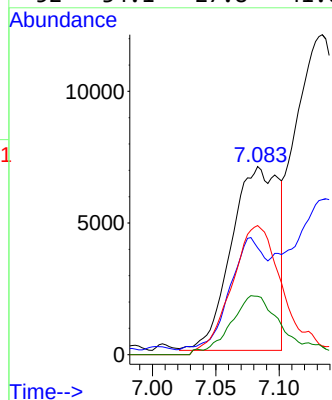
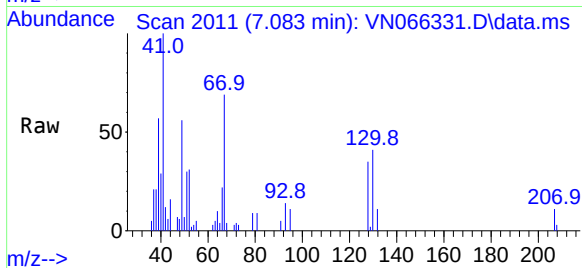
Ion Ratio Lower Upper

41 100

39 45.1 51.7 77.5#

67 76.6 68.5 102.7

52 34.1 27.8 41.6



#42

1,2-Dichloroethane

Concen: 3.62 ug/l

RT: 8.043 min Scan# 2369

Delta R.T. -0.005 min

Lab File: VN066331.D

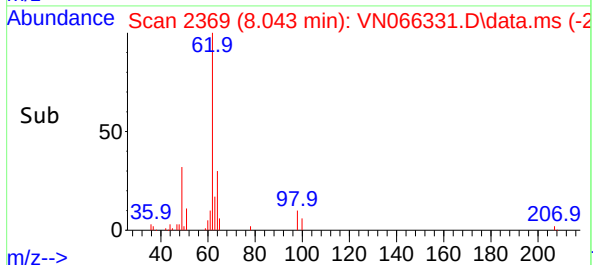
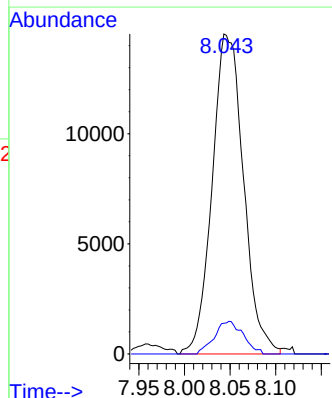
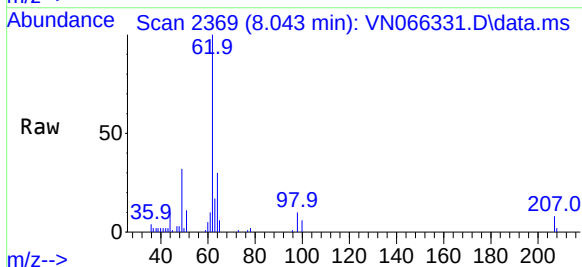
Acq: 25 Mar 2021 15:24

Tgt Ion: 62 Resp: 34700

Ion Ratio Lower Upper

62 100

98 9.3 0.0 17.6



Instrument :

MSVOA_N

ClientSampled :

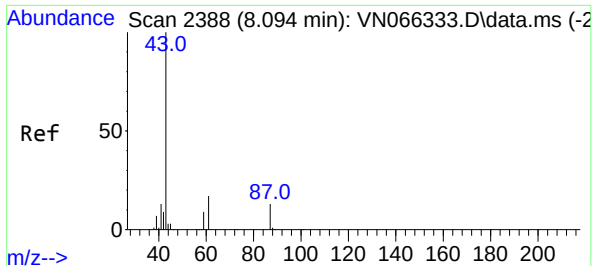
VSTDIC005

Manual Integrations

APPROVED

SAM

3/29/2021 5:12:09 PM



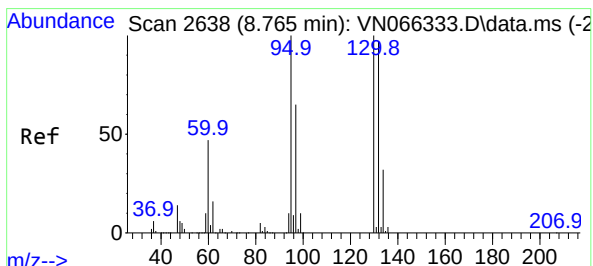
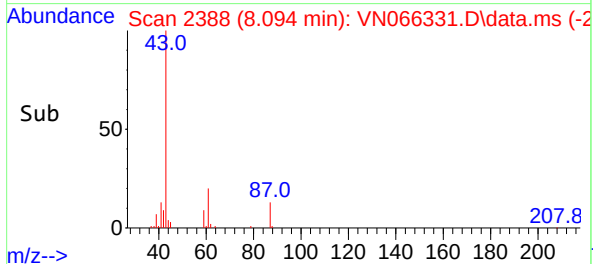
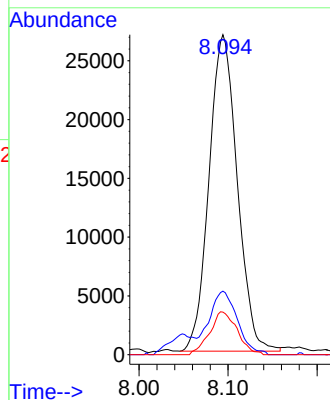
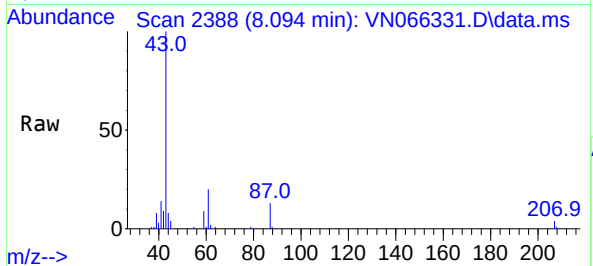
#43
Isopropyl Acetate
Concen: 3.03 ug/l
RT: 8.094 min Scan# 2388
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:	43	Resp:	59396
Ion Ratio	Lower	Upper	
43	100		
61	20.1	15.5	23.3
87	13.3	10.5	15.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

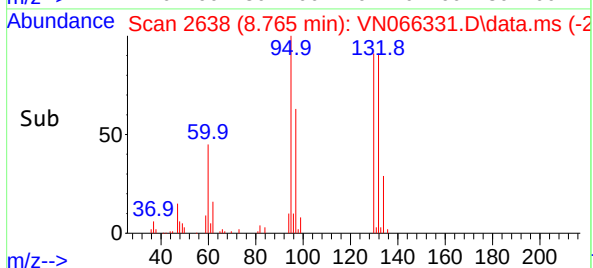
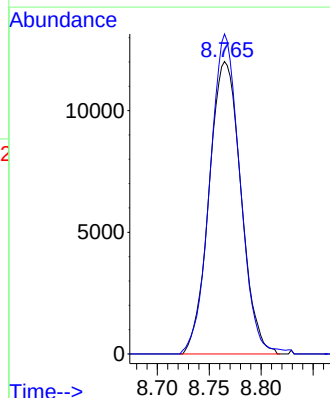
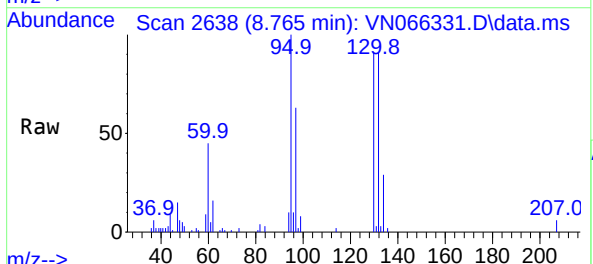
Manual Integrations
APPROVED

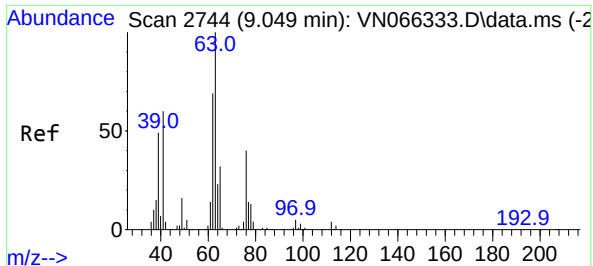
SAM
3/29/2021 5:12:09 PM



#44
Trichloroethene
Concen: 4.41 ug/l
RT: 8.765 min Scan# 2638
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:	130	Resp:	25618
Ion Ratio	Lower	Upper	
130	100		
95	109.4	0.0	200.6





#45

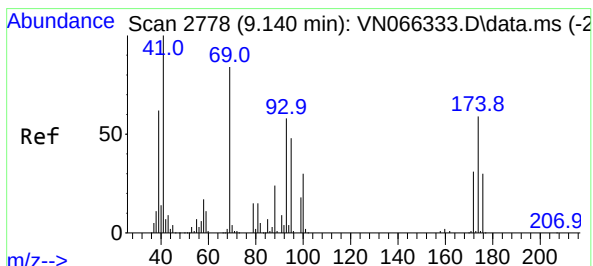
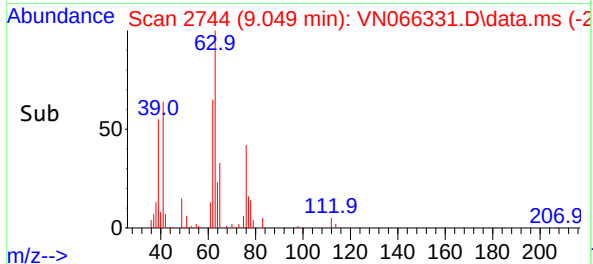
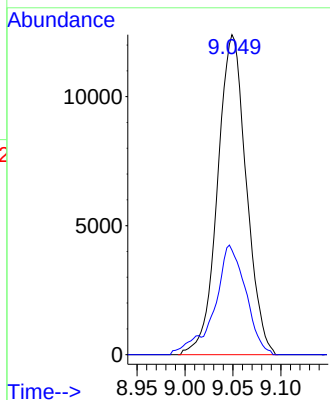
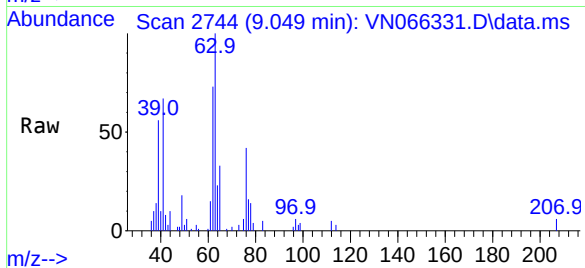
1,2-Dichloropropane
Concen: 3.61 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 63 Resp: 25796
Ion Ratio Lower Upper
63 100
65 32.7 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

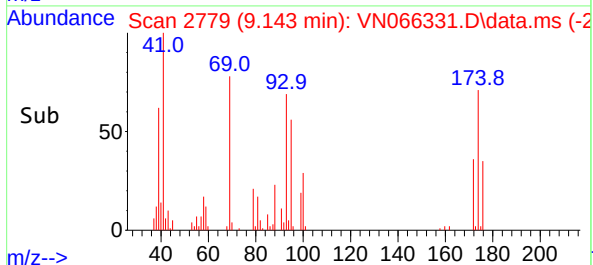
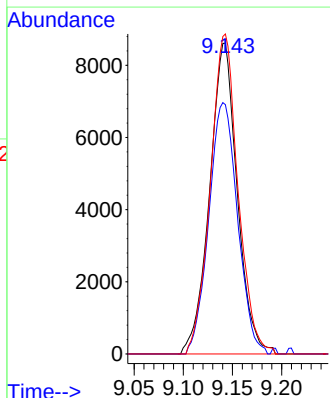
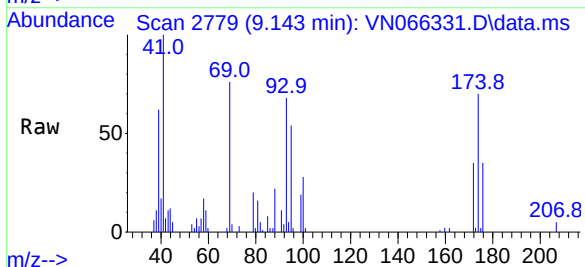
SAM
3/29/2021 5:12:09 PM

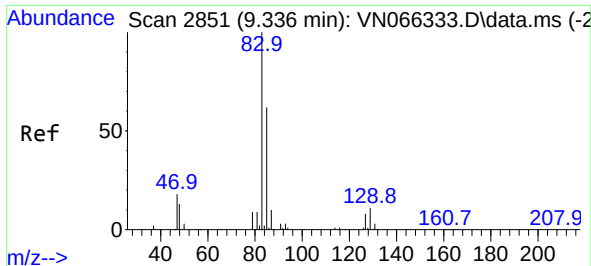


#46

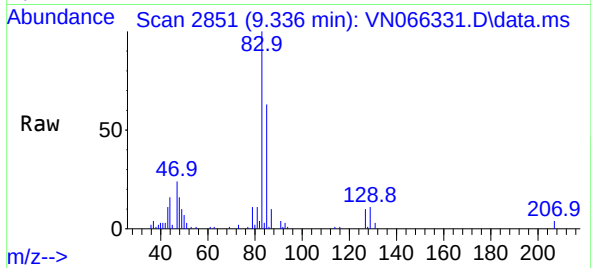
Dibromomethane
Concen: 4.23 ug/l
RT: 9.143 min Scan# 2779
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 93 Resp: 16856
Ion Ratio Lower Upper
93 100
95 84.2 66.8 100.2
174 103.1 83.2 124.8

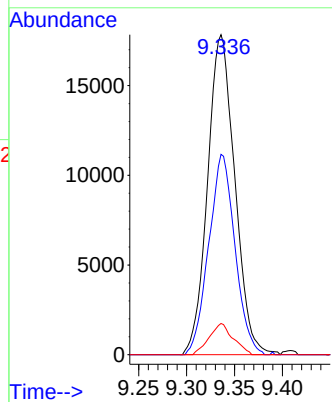
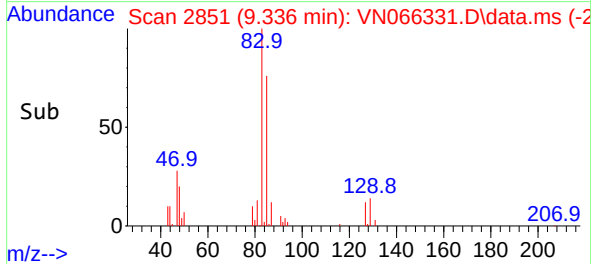




#47
Bromodichloromethane
Concen: 4.04 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



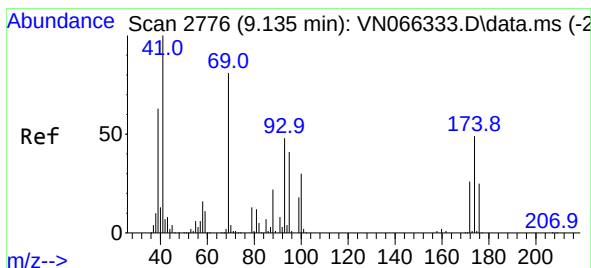
Tgt Ion: 83 Resp: 35284
Ion Ratio Lower Upper
83 100
85 62.6 49.4 74.2
127 9.7 6.7 10.1



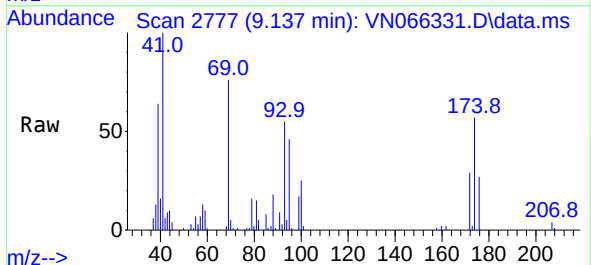
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

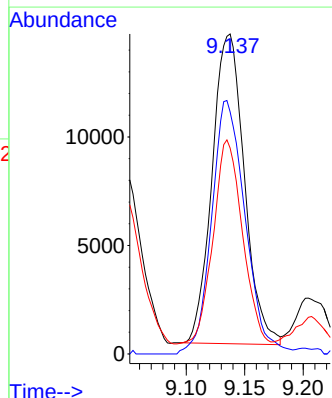
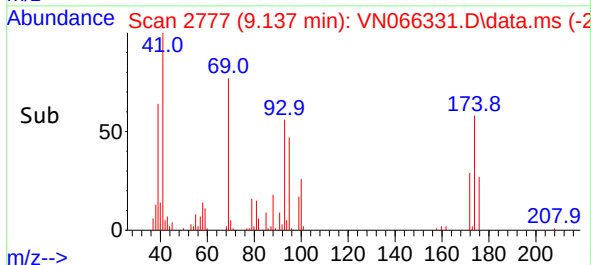
SAM
3/29/2021 5:12:09 PM

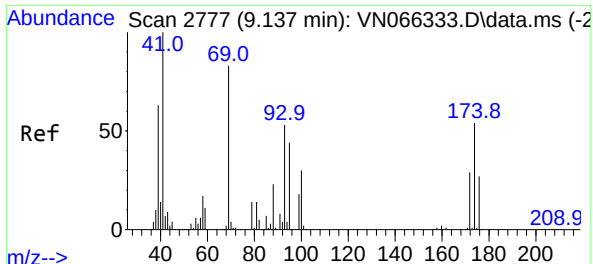


#48
Methyl methacrylate
Concen: 2.86 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

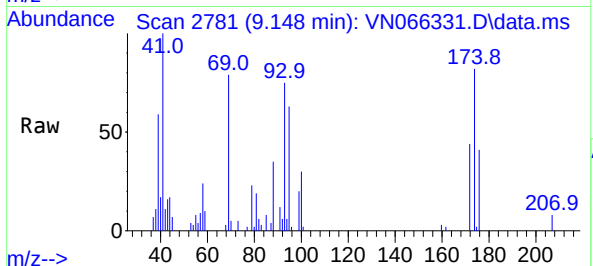


Tgt Ion: 41 Resp: 27409
Ion Ratio Lower Upper
41 100
69 85.0 66.2 99.4
39 63.3 51.5 77.3

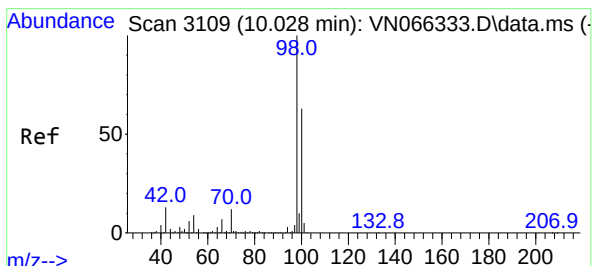
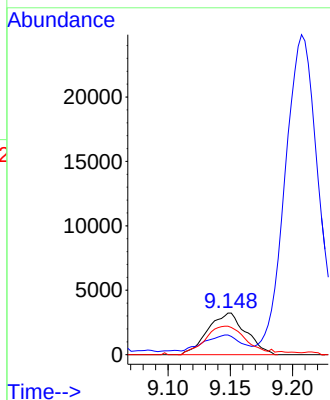
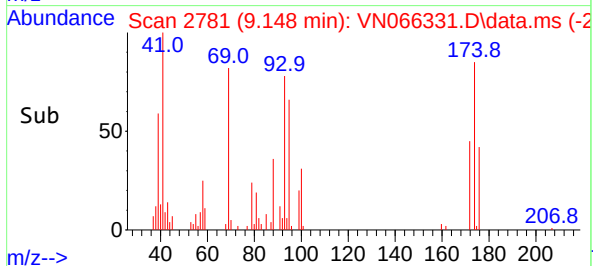




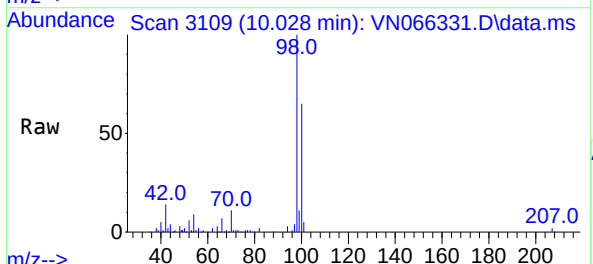
#49
1,4-Dioxane
Concen: 74.55 ug/l
RT: 9.148 min Scan# 2781
Delta R.T. 0.011 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



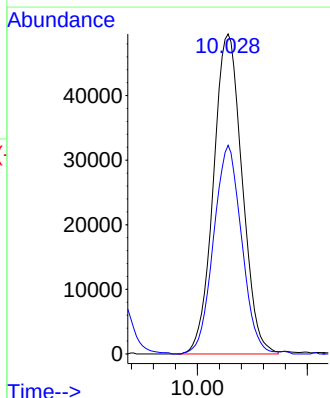
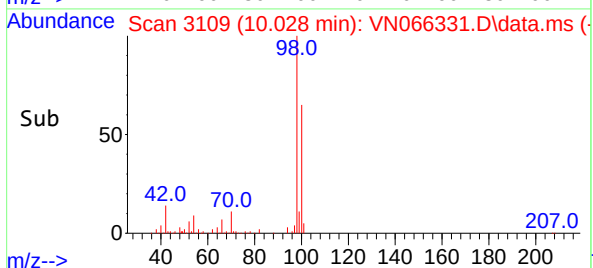
Tgt Ion: 88 Resp: 6867
Ion Ratio Lower Upper
88 100
43 35.2 28.2 42.4
58 71.9 56.6 84.8



#50
Toluene-d8
Concen: 4.51 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



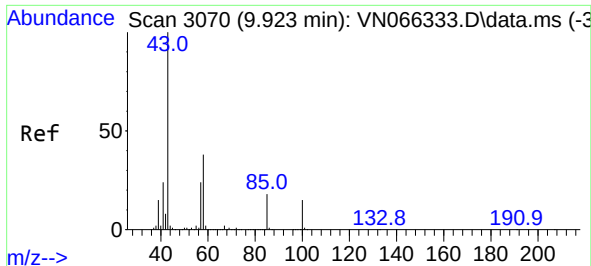
Tgt Ion: 98 Resp: 89829
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM



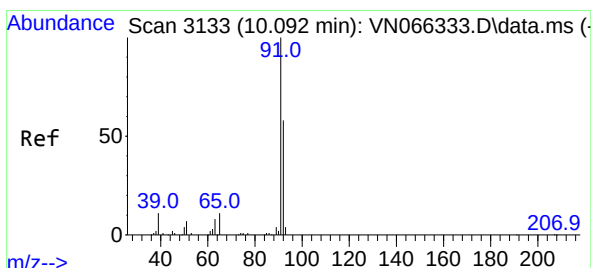
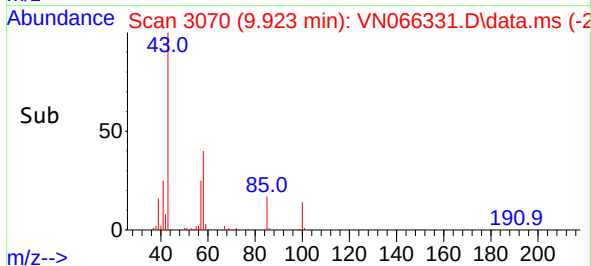
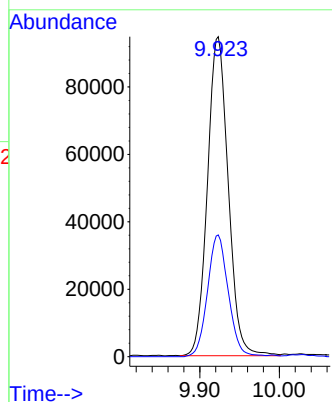
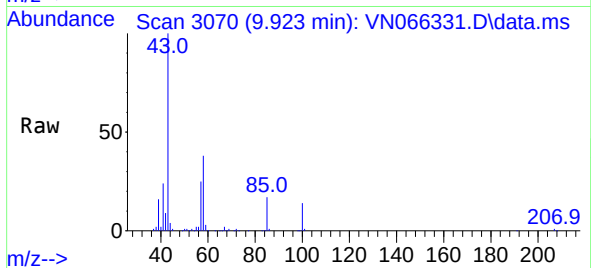
#51
4-Methyl-2-Pentanone
Concen: 14.44 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 171763
Ion Ratio Lower Upper
43 100
58 38.2 30.8 46.2

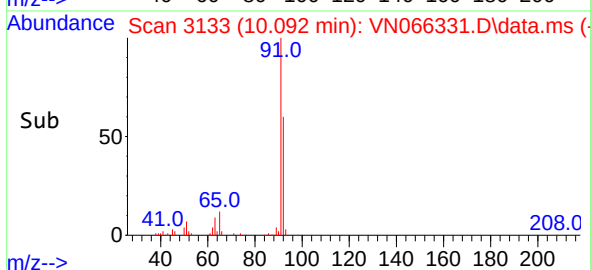
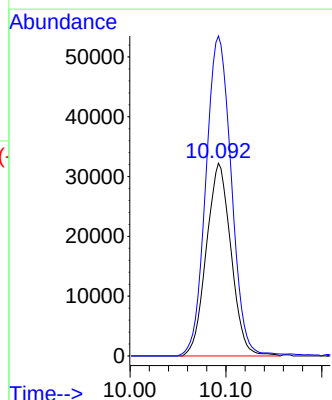
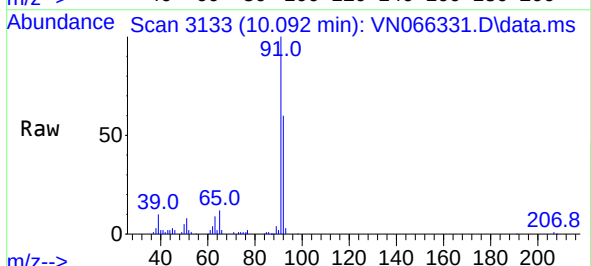
Manual Integrations
APPROVED

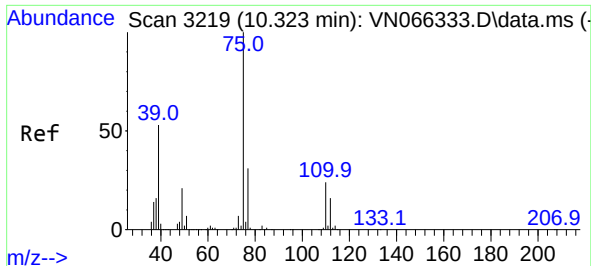
SAM
3/29/2021 5:12:09 PM



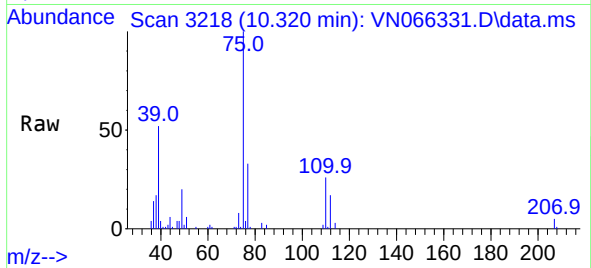
#52
Toluene
Concen: 4.02 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 92 Resp: 57597
Ion Ratio Lower Upper
92 100
91 171.4 138.8 208.2

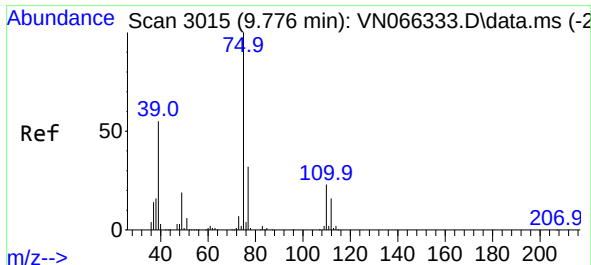
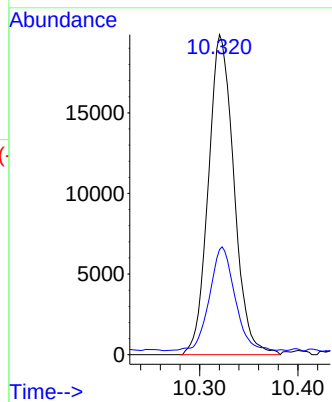
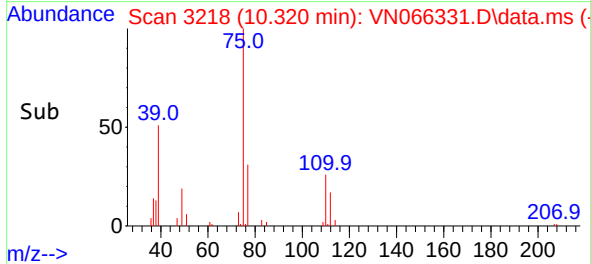




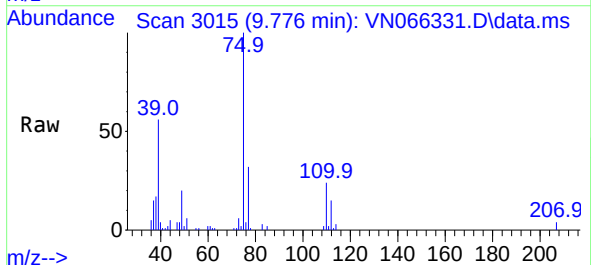
#53
 t-1,3-Dichloropropene
 Concen: 3.53 ug/l
 RT: 10.320 min Scan# 3218
 Delta R.T. -0.003 min
 Lab File: VN066331.D
 Acq: 25 Mar 2021 15:24



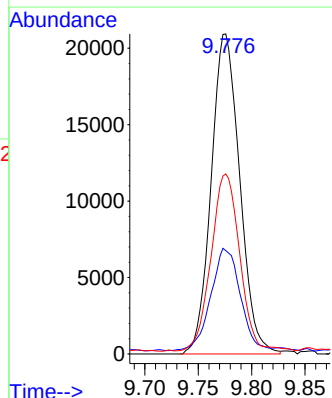
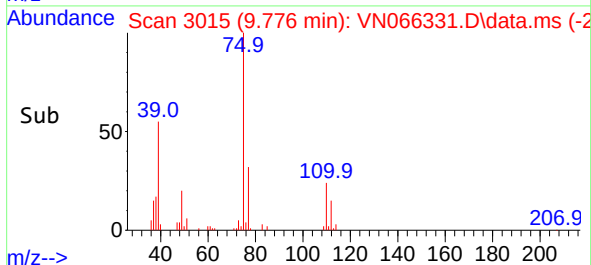
Tgt Ion: 75 Resp: 35983
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 3.54 ug/l
 RT: 9.776 min Scan# 3015
 Delta R.T. 0.000 min
 Lab File: VN066331.D
 Acq: 25 Mar 2021 15:24



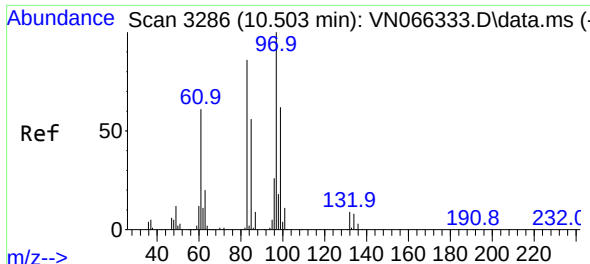
Tgt Ion: 75 Resp: 38845
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2
 39 55.2 44.2 66.4



Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

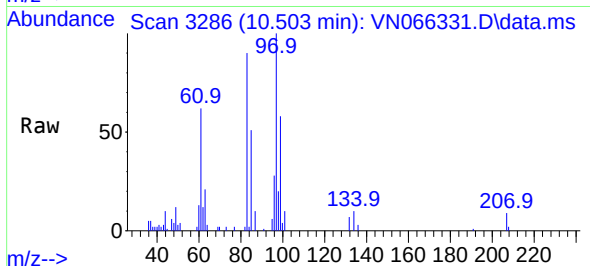
Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:09 PM



#55
1,1,2-Trichloroethane
Concen: 4.19 ug/l
RT: 10.503 min Scan# 3286
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

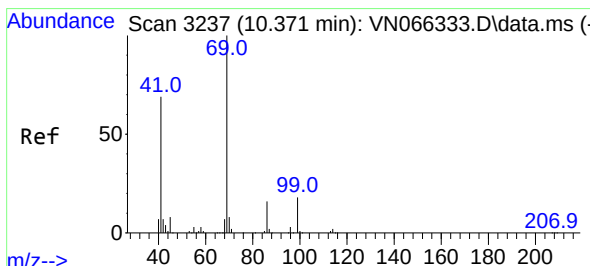
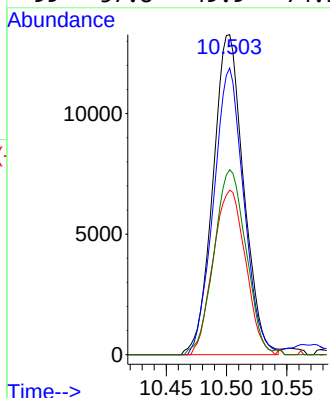
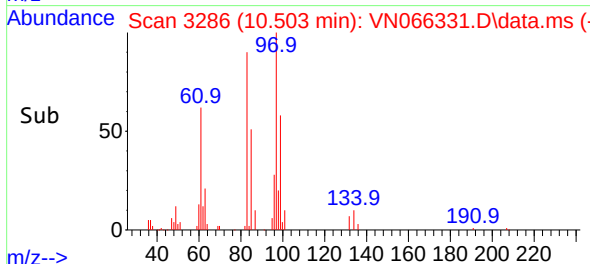


Tgt Ion: 97 Resp: 23500

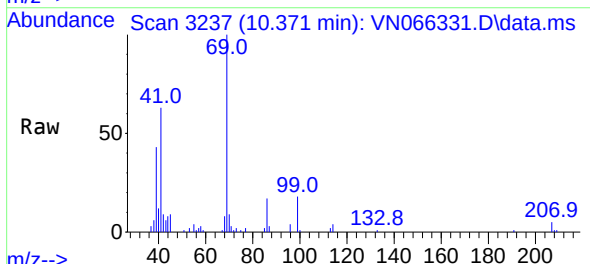
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.9	103.3
85	51.4	45.1	67.7
99	57.8	49.9	74.9

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM

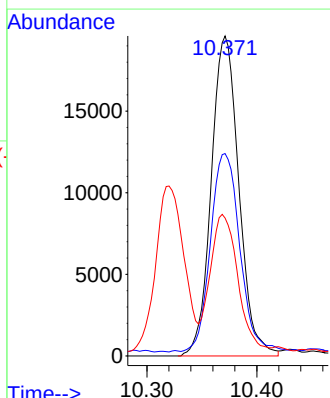
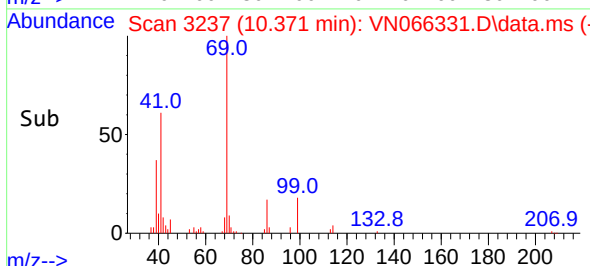


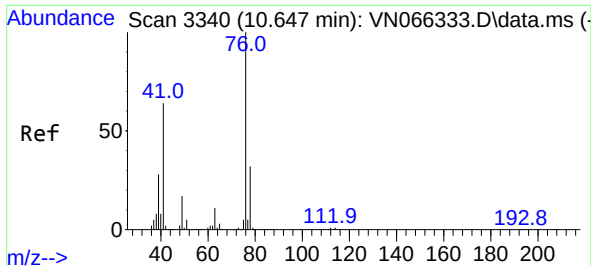
#56
Ethyl methacrylate
Concen: 3.56 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



Tgt Ion: 69 Resp: 34223

Ion	Ratio	Lower	Upper
69	100		
41	65.4	55.3	82.9
39	41.1	33.8	50.6





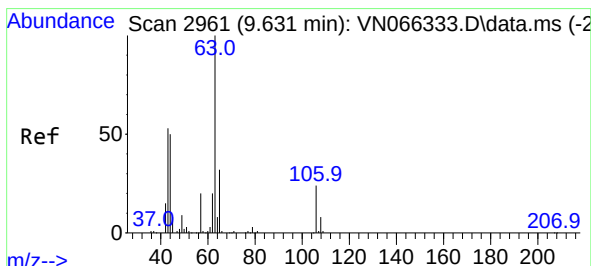
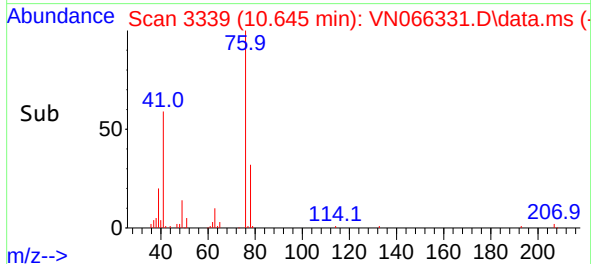
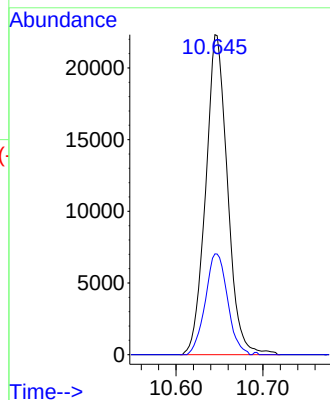
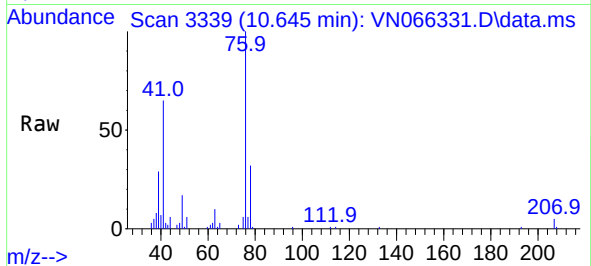
#57
1,3-Dichloropropane
Concen: 3.68 ug/l
RT: 10.645 min Scan# 3339
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 76 Resp: 38921
Ion Ratio Lower Upper
76 100
78 32.1 25.9 38.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

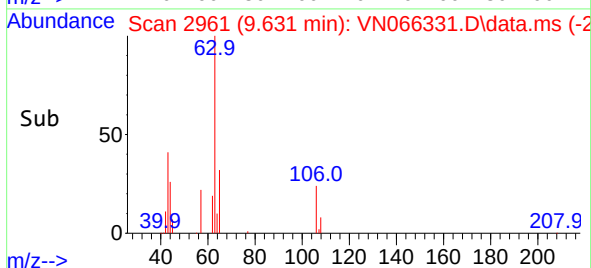
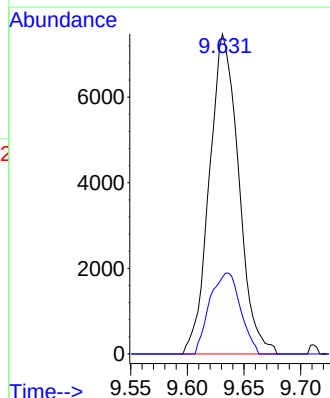
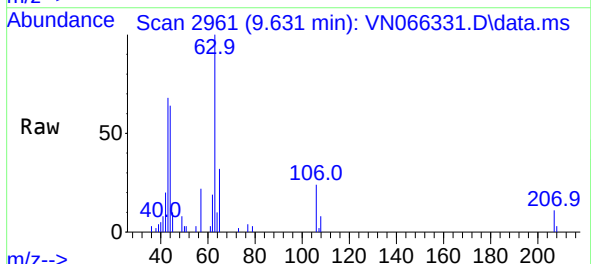
Manual Integrations
APPROVED

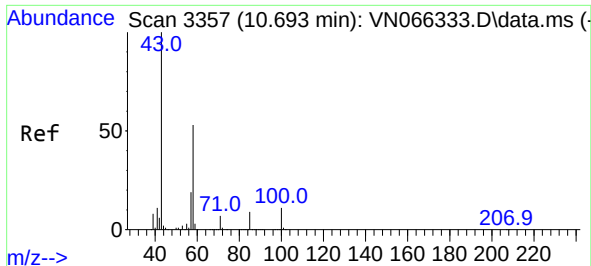
SAM
3/29/2021 5:12:09 PM



#58
2-Chloroethyl Vinyl ether
Concen: 4.50 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 63 Resp: 13435
Ion Ratio Lower Upper
63 100
106 26.5 21.0 31.4





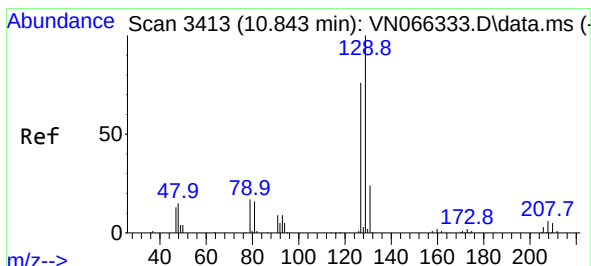
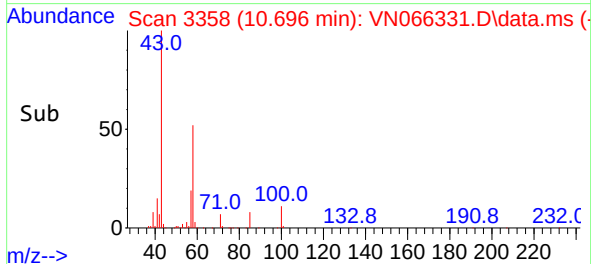
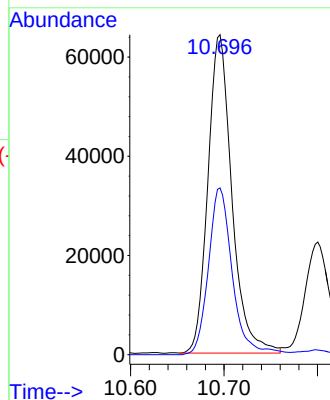
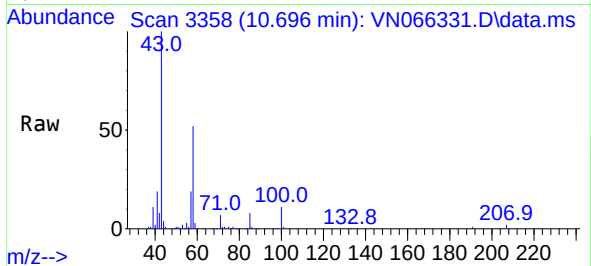
#59
2-Hexanone
Concen: 13.47 ug/l
RT: 10.696 min Scan# 3358
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 43 Resp: 114548
Ion Ratio Lower Upper
43 100
58 50.9 26.6 79.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

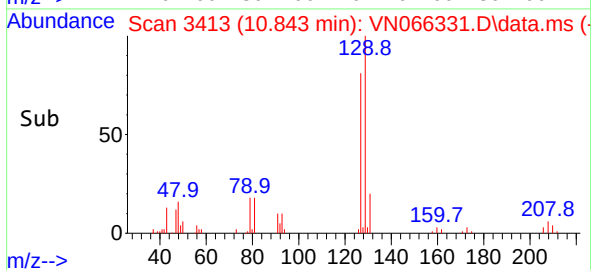
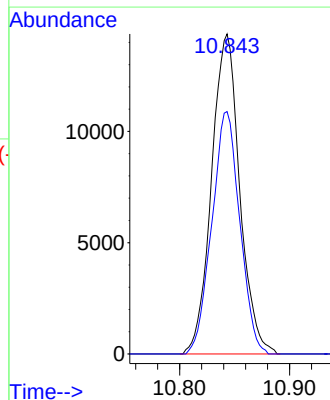
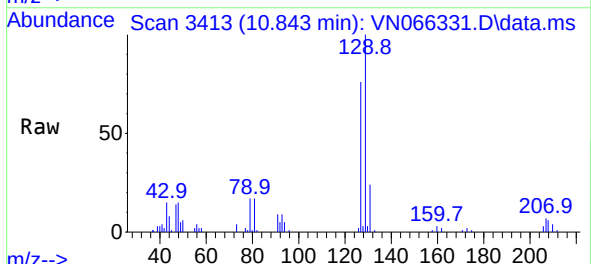
Manual Integrations
APPROVED

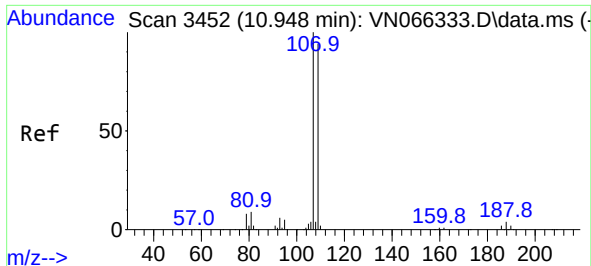
SAM
3/29/2021 5:12:09 PM



#60
Dibromochloromethane
Concen: 4.29 ug/l
RT: 10.843 min Scan# 3413
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

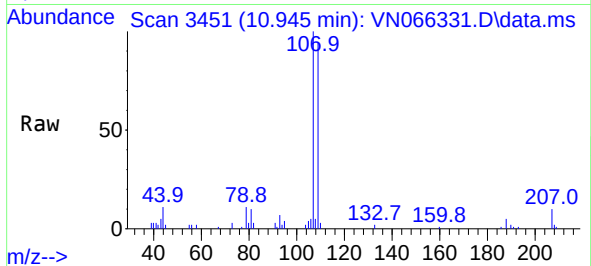
Tgt Ion: 129 Resp: 25608
Ion Ratio Lower Upper
129 100
127 75.0 38.5 115.5



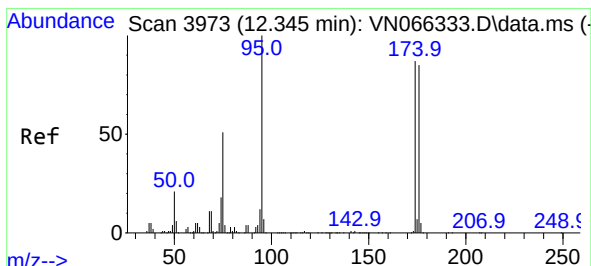
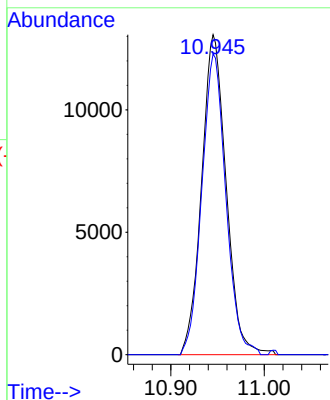
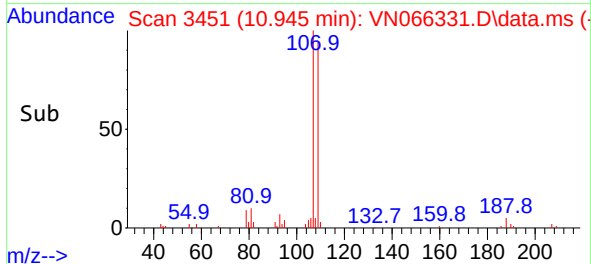


#61
1,2-Dibromoethane
Concen: 4.13 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

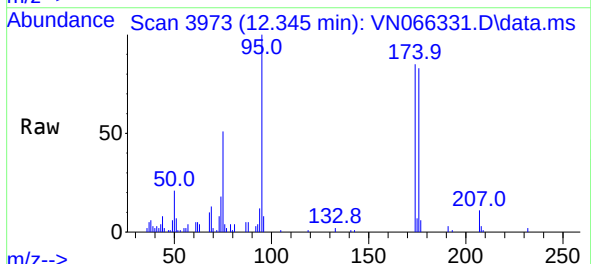
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



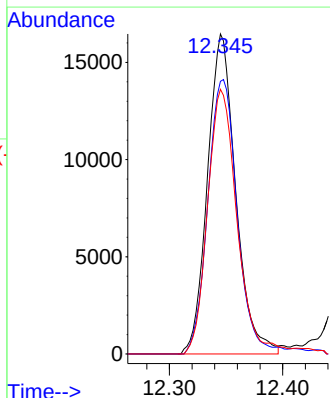
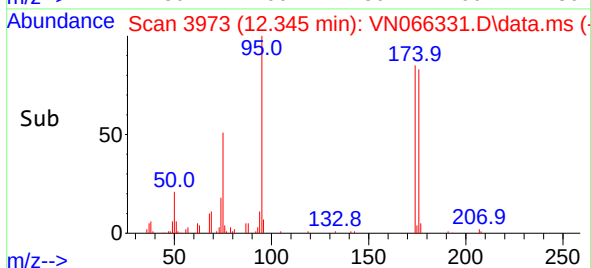
Tgt Ion:107 Resp: 23816
Ion Ratio Lower Upper
107 100
109 91.9 75.4 113.2

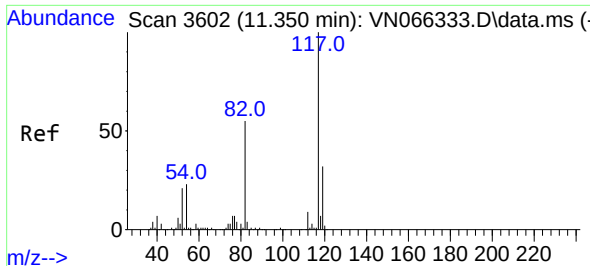


#62
4-Bromofluorobenzene
Concen: 3.87 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

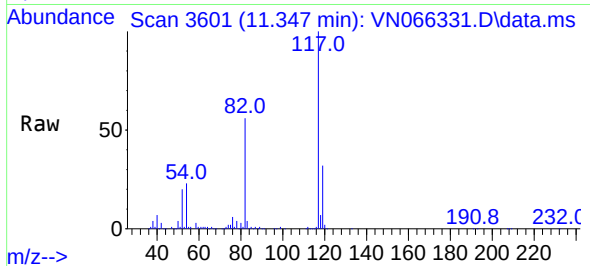


Tgt Ion: 95 Resp: 28462
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.2
176 86.2 0.0 167.8

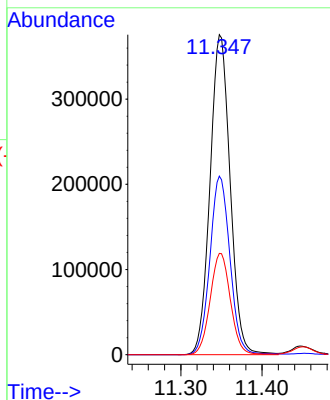
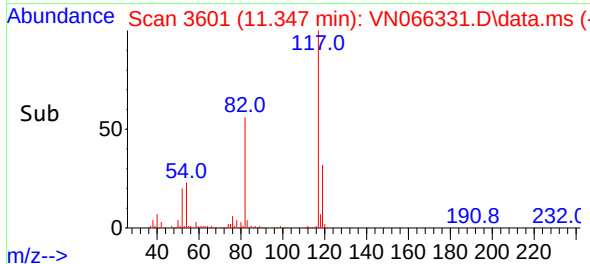




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



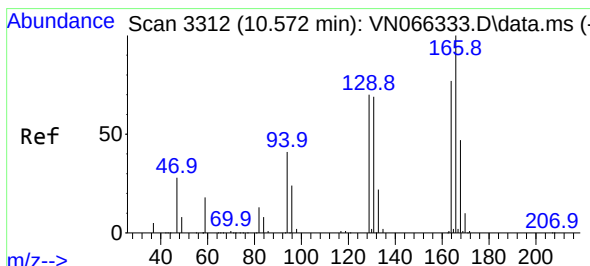
Tgt Ion:117 Resp: 645305
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 31.7 25.8 38.6



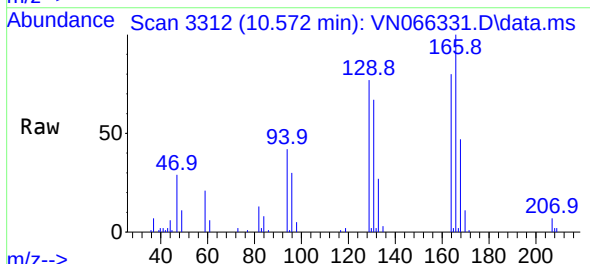
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

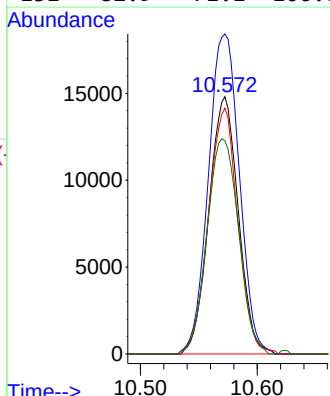
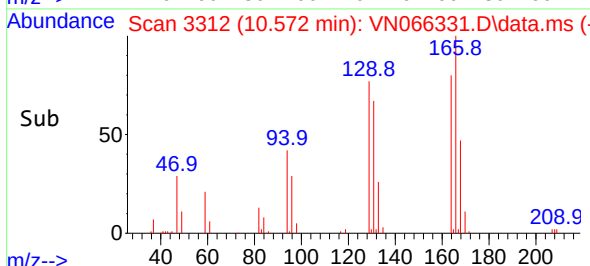
SAM
3/29/2021 5:12:09 PM

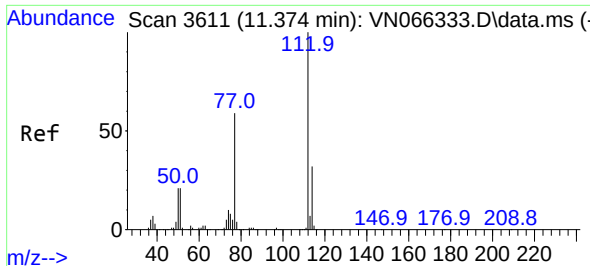


#64
Tetrachloroethene
Concen: 4.86 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



Tgt Ion:164 Resp: 25891
Ion Ratio Lower Upper
164 100
166 124.4 103.3 154.9
129 95.6 72.5 108.7
131 82.9 71.1 106.7





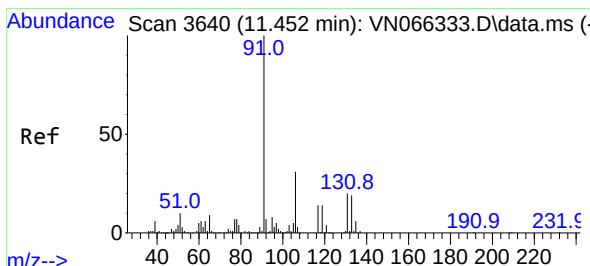
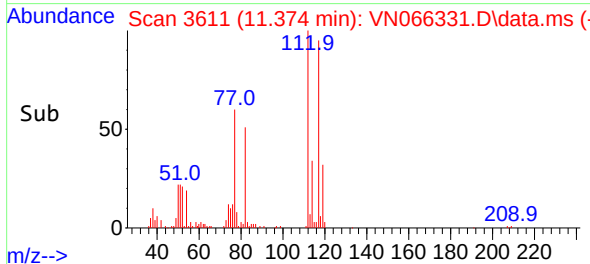
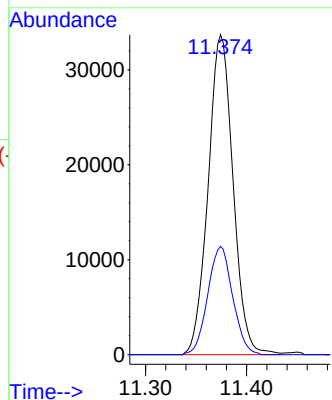
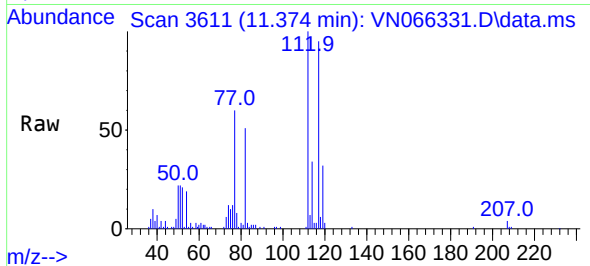
#65
Chlorobenzene
Concen: 4.30 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:112 Resp: 57790
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

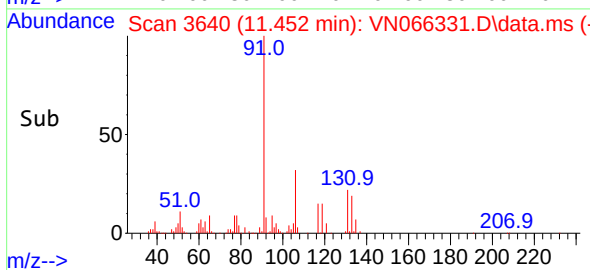
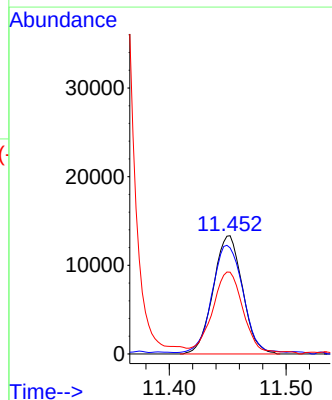
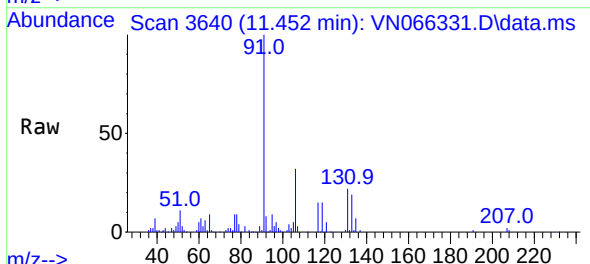
Manual Integrations
APPROVED

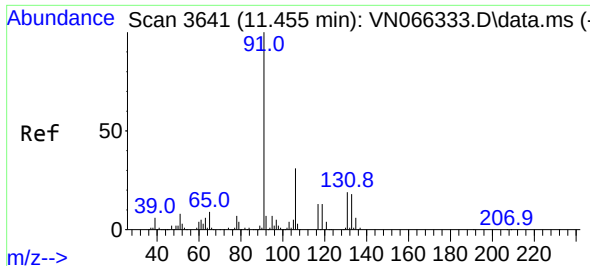
SAM
3/29/2021 5:12:09 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 4.65 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:131 Resp: 23296
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.8
119 68.9 33.6 100.6





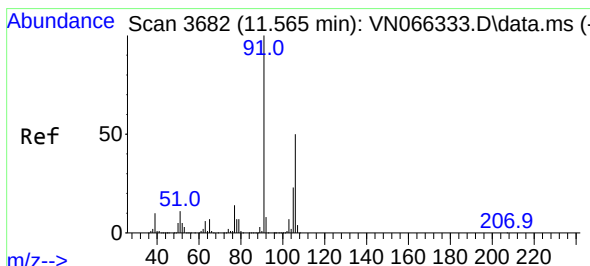
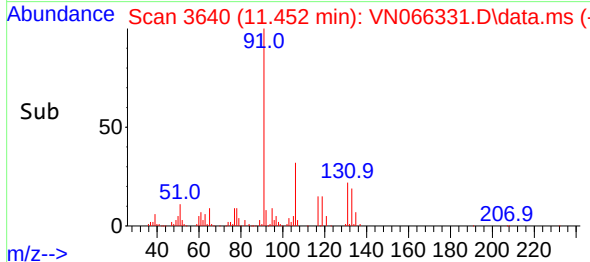
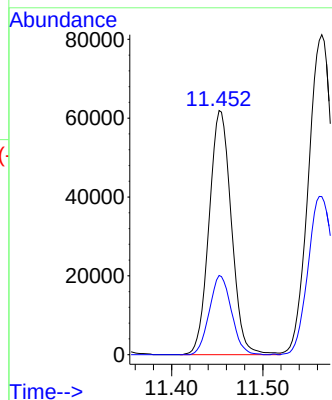
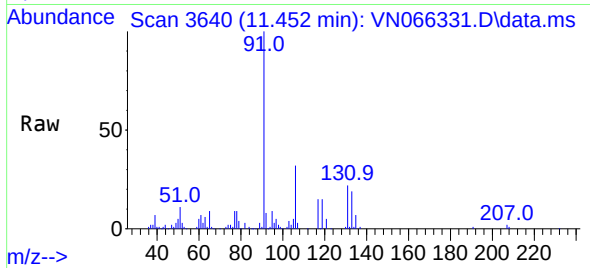
#67
Ethyl Benzene
Concen: 4.19 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 91 Resp: 105164
Ion Ratio Lower Upper
91 100
106 32.5 24.7 37.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

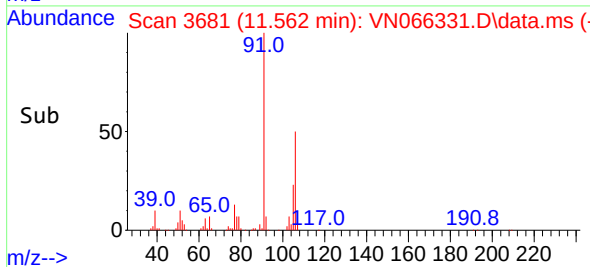
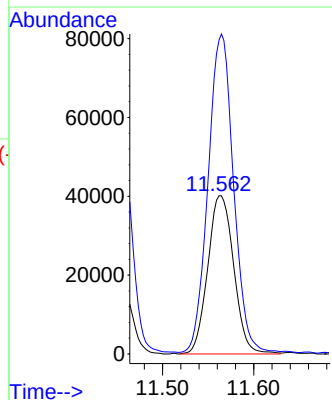
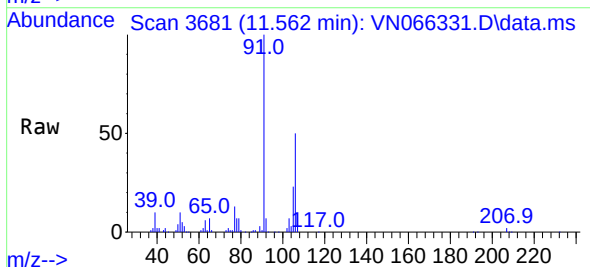
Manual Integrations
APPROVED

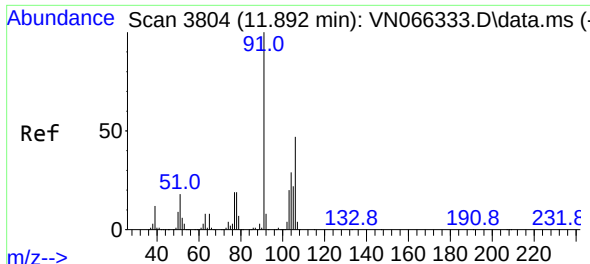
SAM
3/29/2021 5:12:09 PM



#68
m/p-Xylenes
Concen: 8.72 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:106 Resp: 79536
Ion Ratio Lower Upper
106 100
91 196.3 162.7 244.1





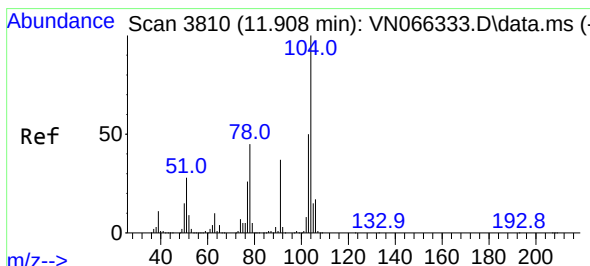
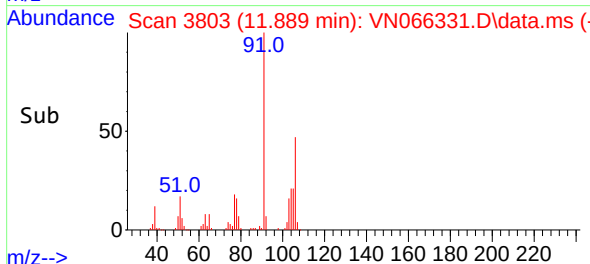
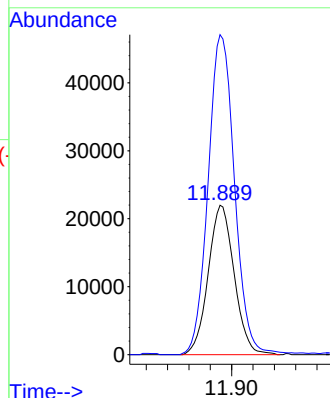
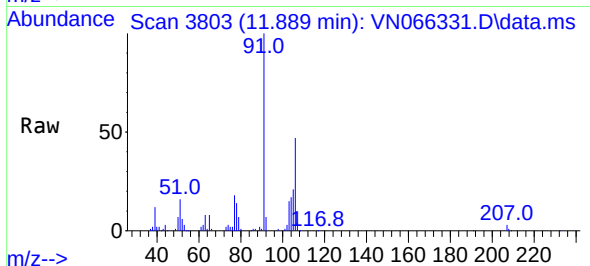
#69
o-Xylene
Concen: 4.24 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:106 Resp: 37146
Ion Ratio Lower Upper
106 100
91 218.0 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

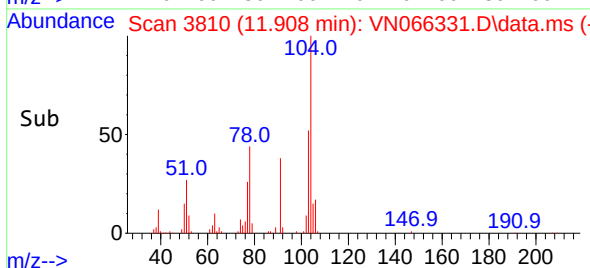
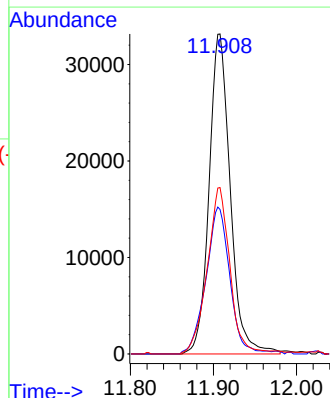
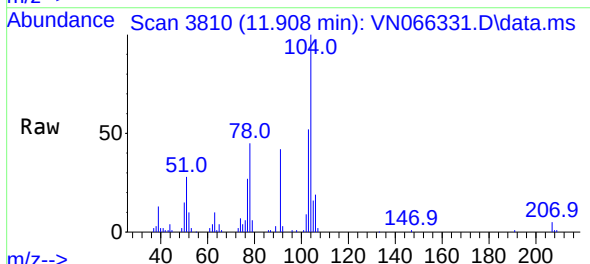
Manual Integrations
APPROVED

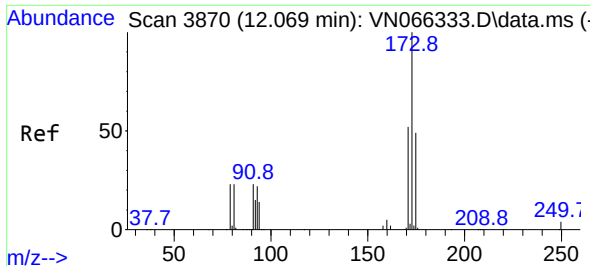
SAM
3/29/2021 5:12:09 PM



#70
Styrene
Concen: 4.08 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:104 Resp: 58667
Ion Ratio Lower Upper
104 100
78 51.7 40.7 61.1
103 55.6 44.2 66.2





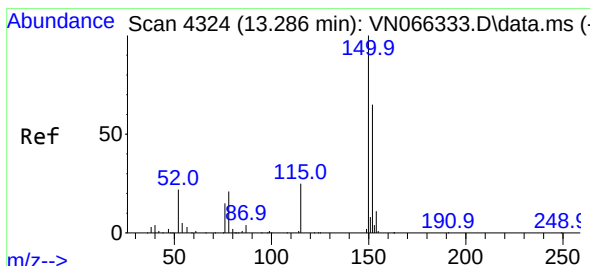
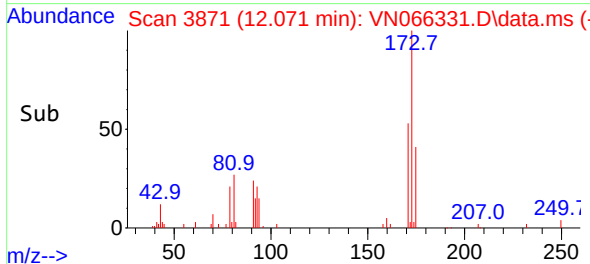
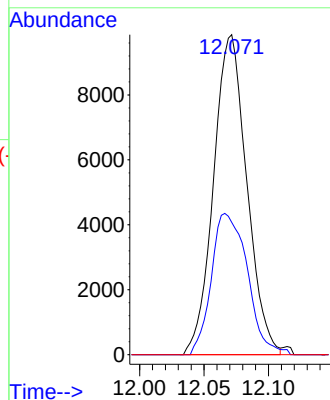
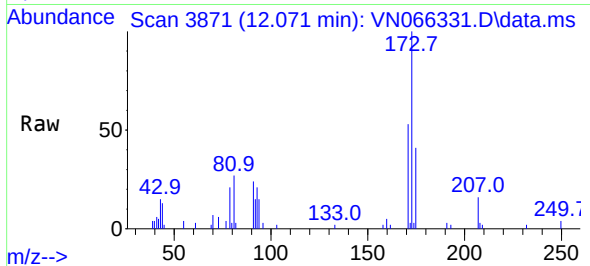
#71
Bromoform
Concen: 4.58 ug/l
RT: 12.071 min Scan# 3871
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:173 Resp: 17691
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.8
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

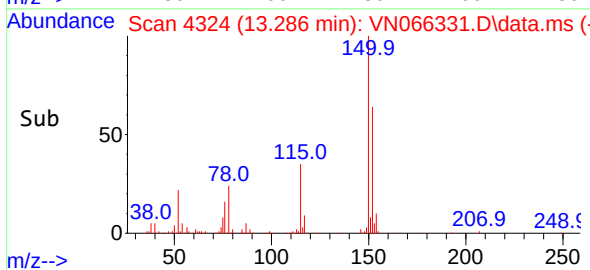
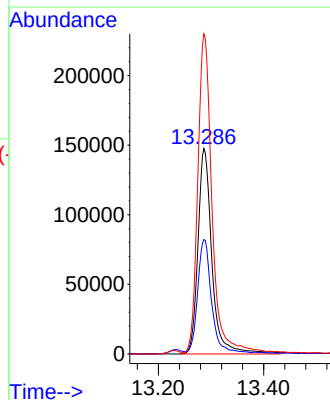
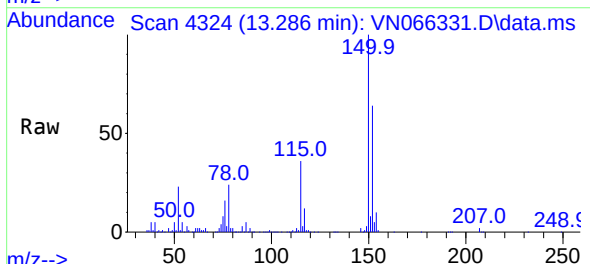
Manual Integrations
APPROVED

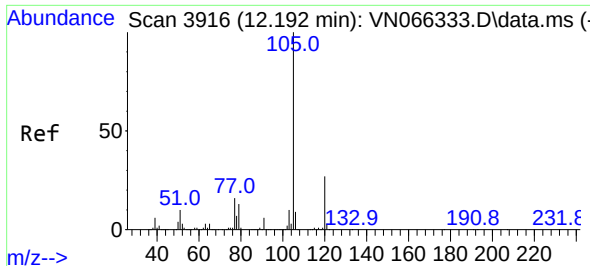
SAM
3/29/2021 5:12:09 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:152 Resp: 273207
Ion Ratio Lower Upper
152 100
115 53.7 27.8 83.4
150 155.8 0.0 348.4





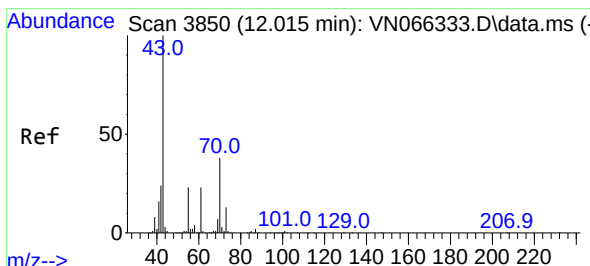
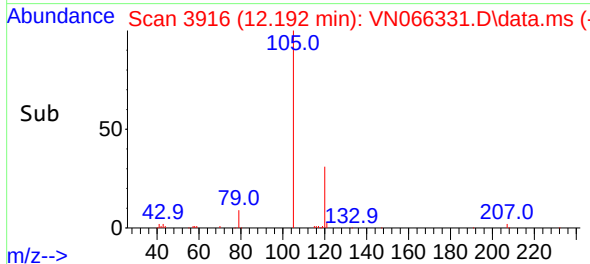
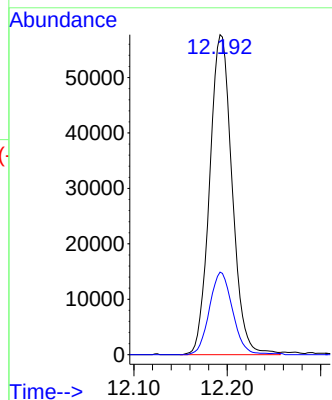
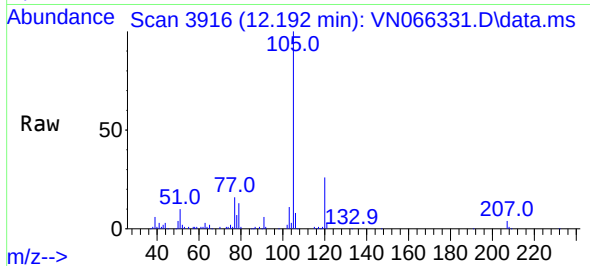
#73
Isopropylbenzene
Concen: 4.57 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 96612
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8

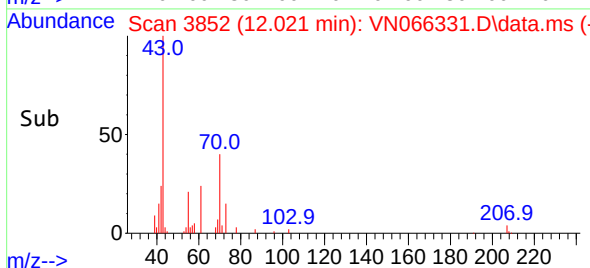
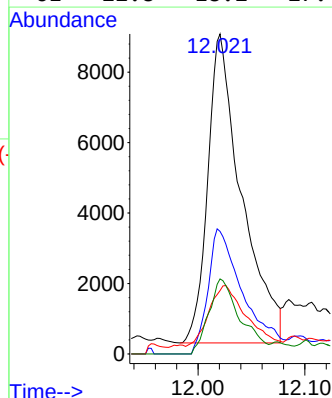
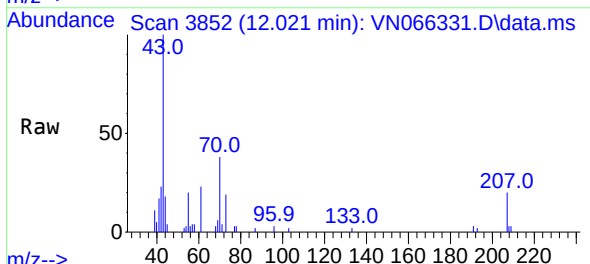
Manual Integrations
APPROVED

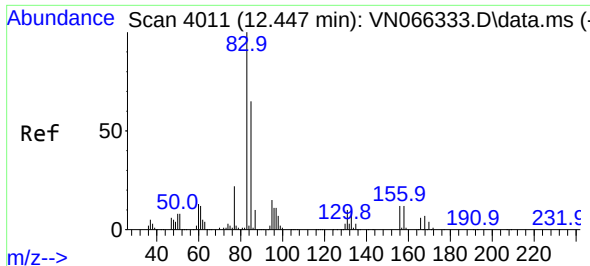
SAM
3/29/2021 5:12:09 PM



#74
N-ethyl acetate
Concen: 1.89 ug/l
RT: 12.021 min Scan# 3852
Delta R.T. 0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 43 Resp: 19287
Ion Ratio Lower Upper
43 100
70 42.8 31.2 46.8
55 21.7 18.6 28.0
61 22.8 18.2 27.4





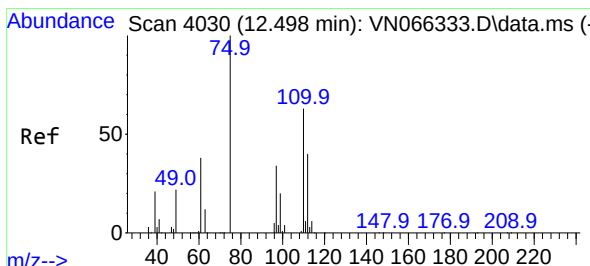
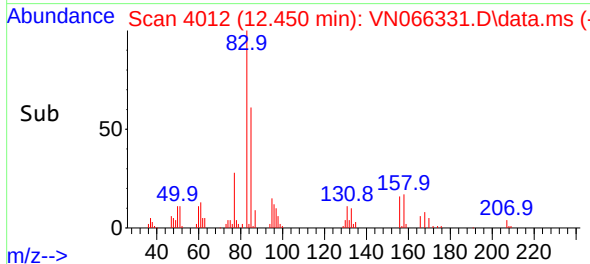
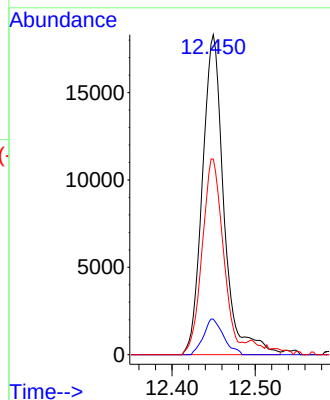
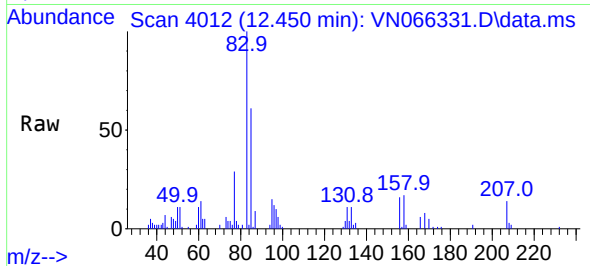
#75
1,1,2,2-Tetrachloroethane
Concen: 4.42 ug/l
RT: 12.450 min Scan# 4012
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 83 Resp: 32898
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 60.3 33.8 101.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

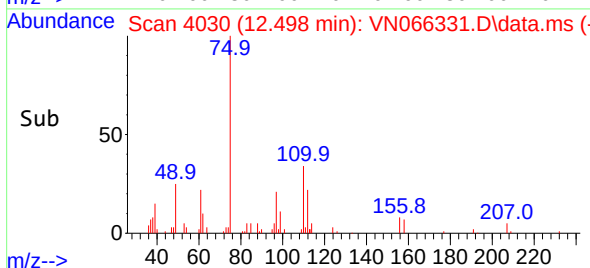
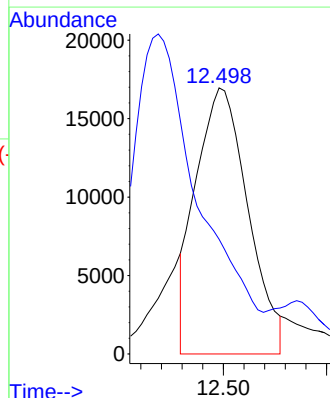
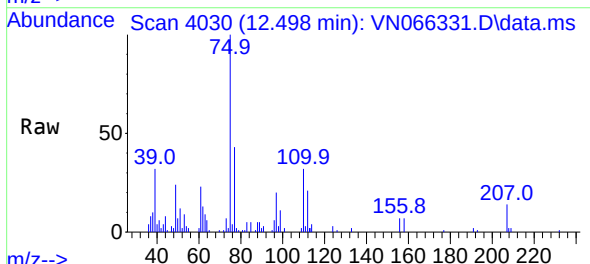
Manual Integrations
APPROVED

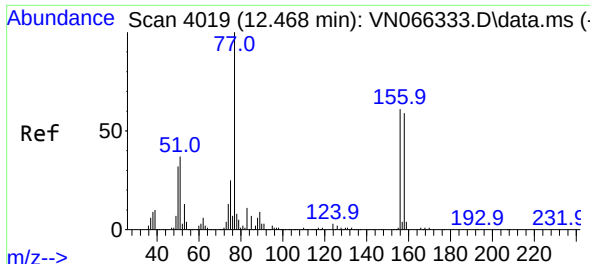
SAM
3/29/2021 5:12:09 PM



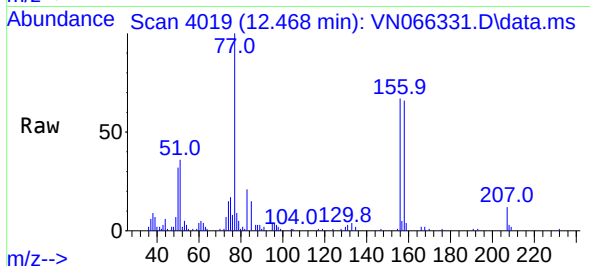
#76
1,2,3-Trichloropropane
Concen: 3.78 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 75 Resp: 29701
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

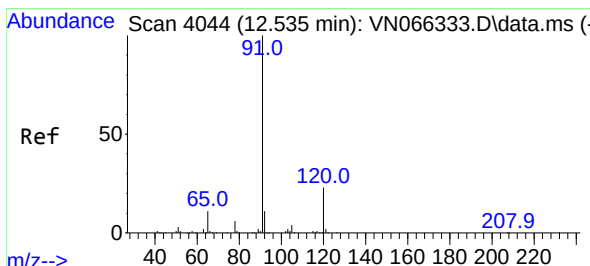
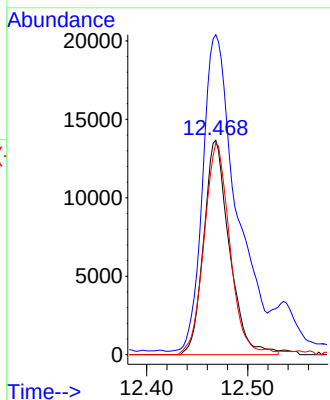
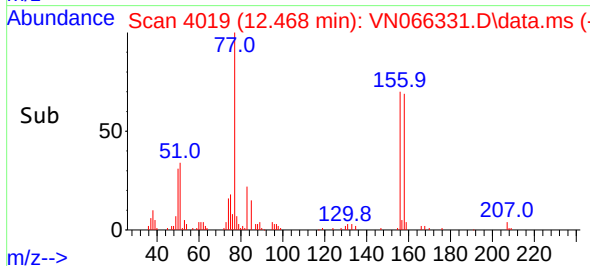




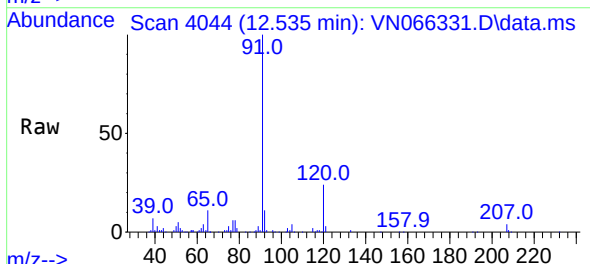
#77
Bromobenzene
Concen: 4.88 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



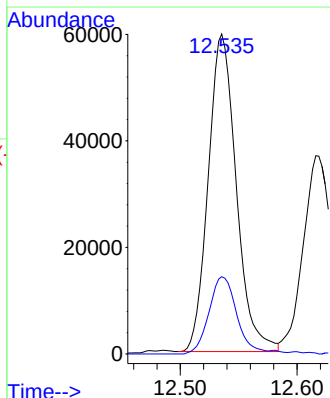
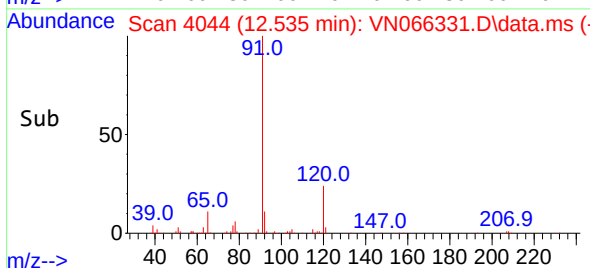
Tgt Ion:156 Resp: 24117
Ion Ratio Lower Upper
156 100
77 192.6 99.7 299.1
158 98.5 48.8 146.3



#78
n-propylbenzene
Concen: 4.00 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24



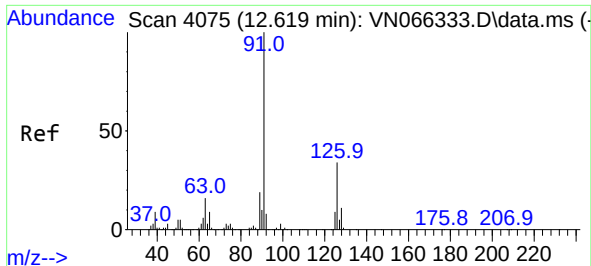
Tgt Ion: 91 Resp: 99489
Ion Ratio Lower Upper
91 100
120 24.0 11.7 35.1



Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM



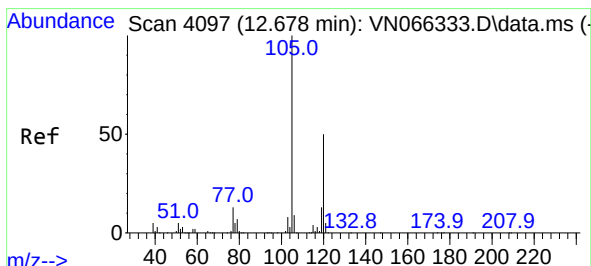
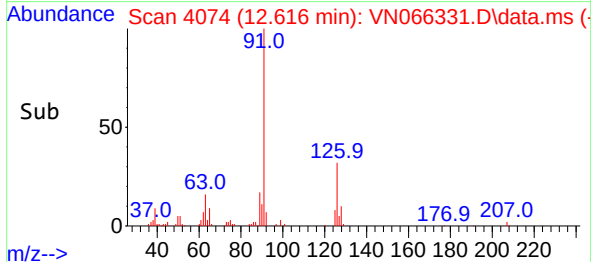
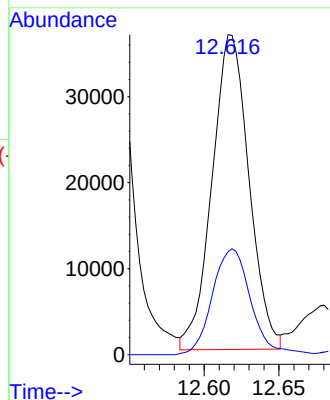
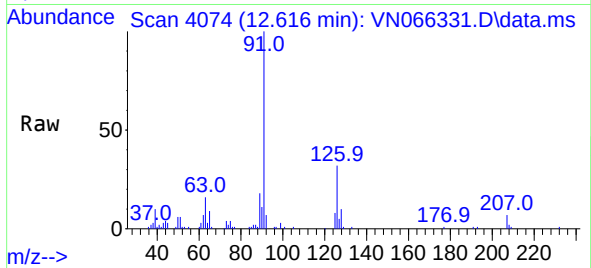
#79
2-Chlorotoluene
Concen: 4.19 ug/l
RT: 12.616 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 91 Resp: 62943
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

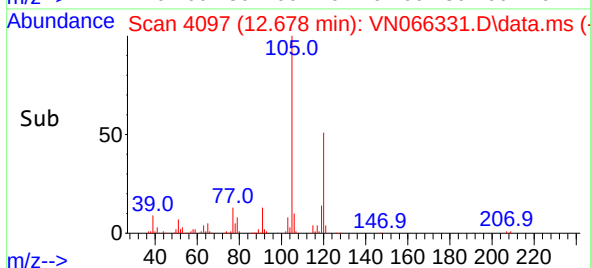
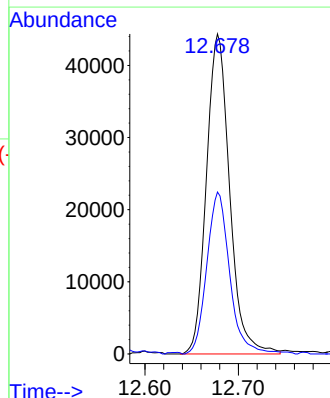
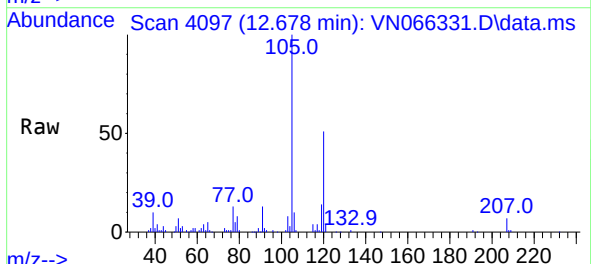
Manual Integrations
APPROVED

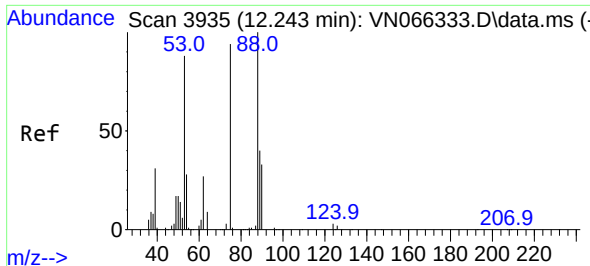
SAM
3/29/2021 5:12:09 PM



#80
1,3,5-Trimethylbenzene
Concen: 4.31 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:105 Resp: 76599
Ion Ratio Lower Upper
105 100
120 50.0 24.5 73.5





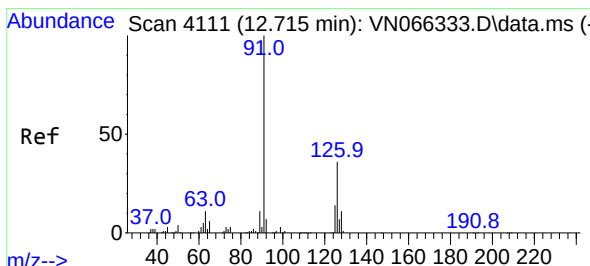
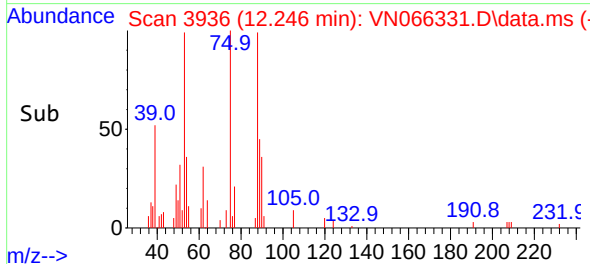
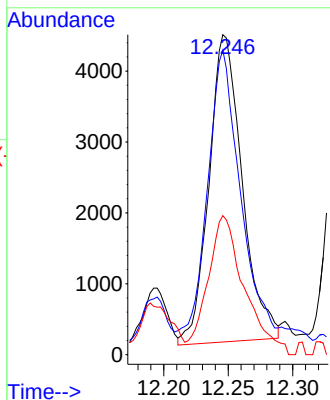
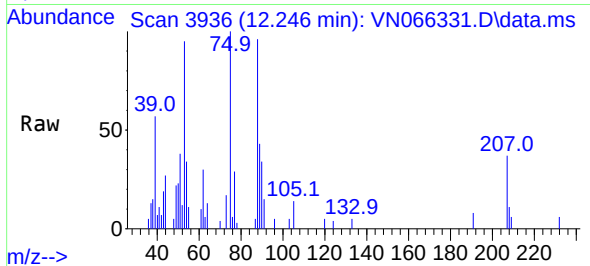
#81
trans-1,4-Dichloro-2-butene
Concen: 3.10 ug/l
RT: 12.246 min Scan# 3936
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 7754
Ion Ratio Lower Upper
75 100
53 101.6 76.1 114.1
89 50.2 35.7 53.5

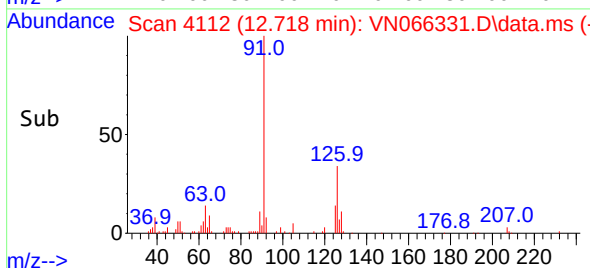
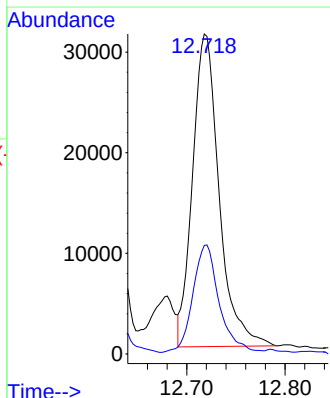
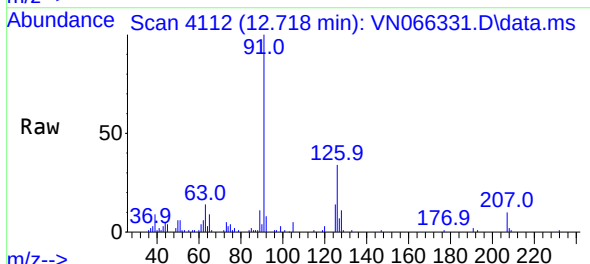
Manual Integrations
APPROVED

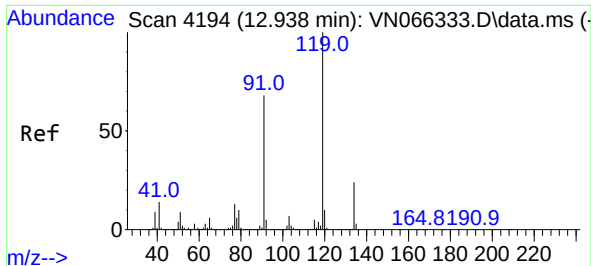
SAM
3/29/2021 5:12:09 PM



#82
4-Chlorotoluene
Concen: 3.80 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 91 Resp: 58184
Ion Ratio Lower Upper
91 100
126 34.0 16.6 49.8





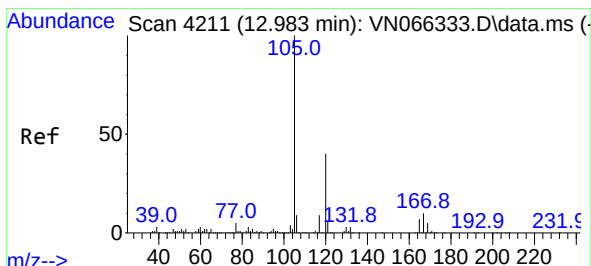
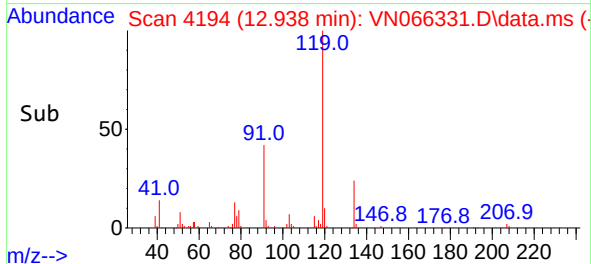
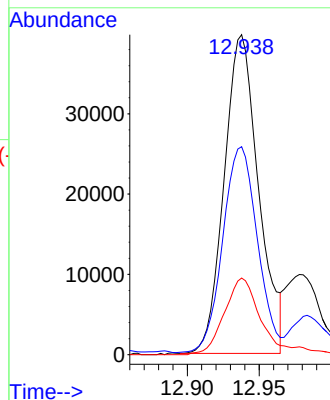
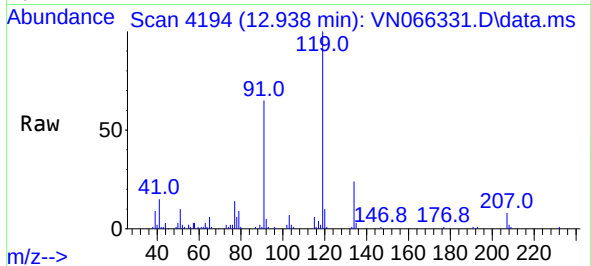
#83
tert-Butylbenzene
Concen: 4.38 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:119 Resp: 66206
Ion Ratio Lower Upper
119 100
91 64.7 33.3 99.8
134 24.7 12.9 38.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

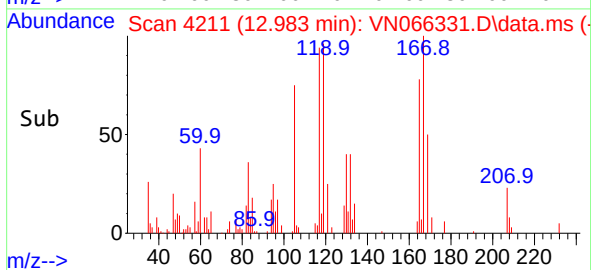
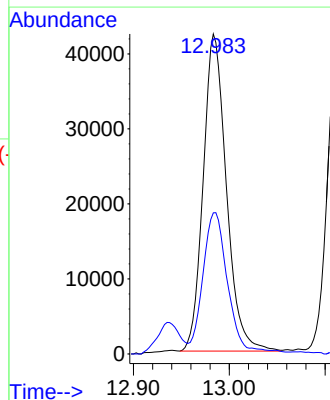
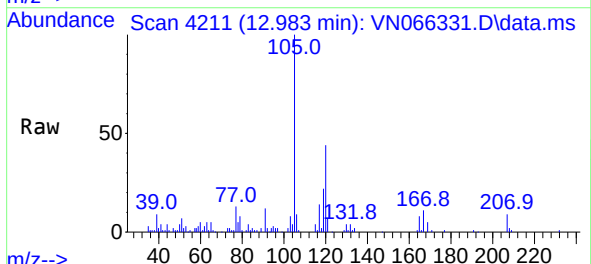
Manual Integrations
APPROVED

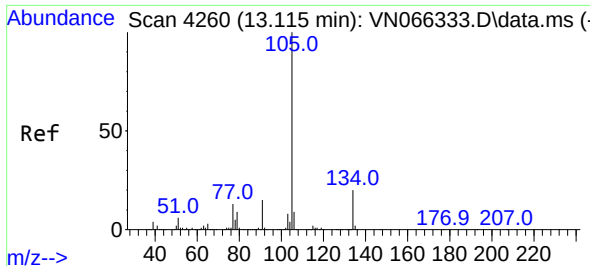
SAM
3/29/2021 5:12:09 PM



#84
1,2,4-Trimethylbenzene
Concen: 4.08 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:105 Resp: 71137
Ion Ratio Lower Upper
105 100
120 45.1 23.1 69.2





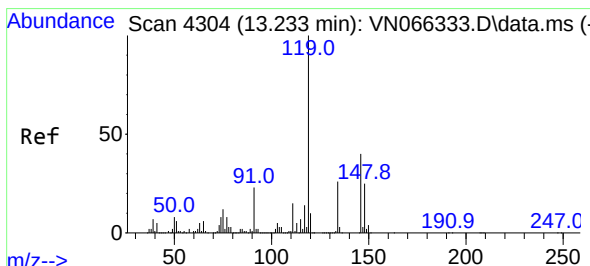
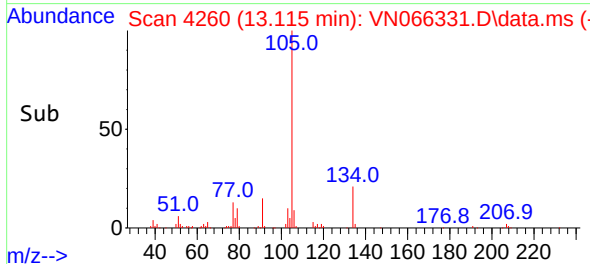
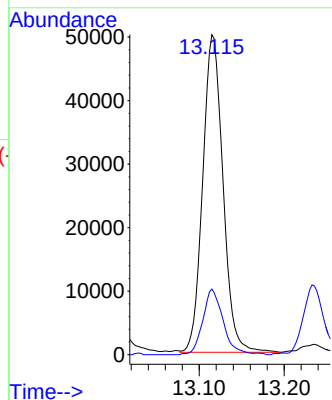
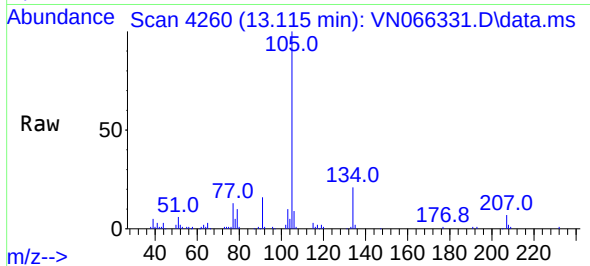
#85
 sec-Butylbenzene
 Concen: 4.16 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. 0.000 min
 Lab File: VN066331.D
 Acq: 25 Mar 2021 15:24

Tgt Ion:105 Resp: 82768
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

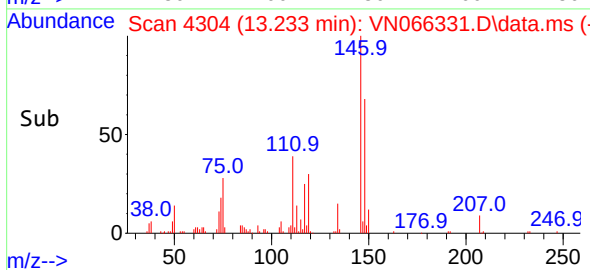
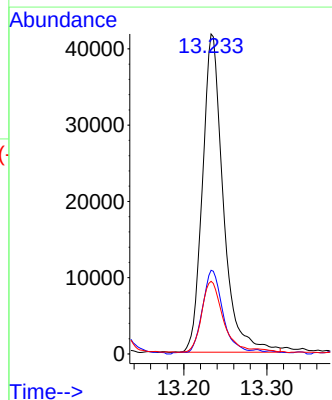
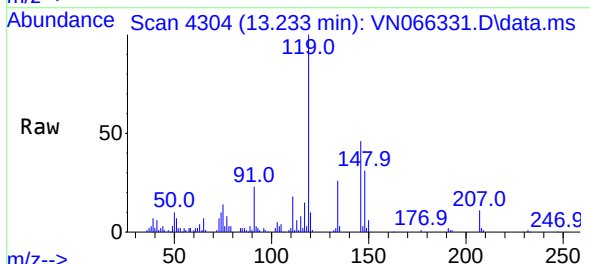
Manual Integrations
 APPROVED

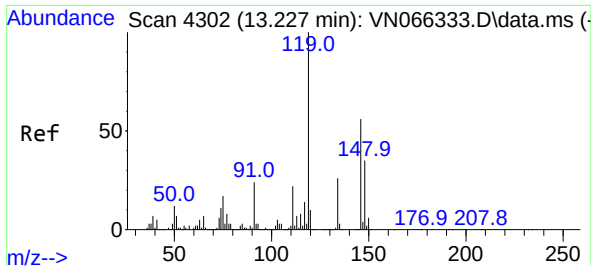
SAM
 3/29/2021 5:12:09 PM



#86
 p-Isopropyltoluene
 Concen: 4.09 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. 0.000 min
 Lab File: VN066331.D
 Acq: 25 Mar 2021 15:24

Tgt Ion:119 Resp: 72475
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 22.7 11.5 34.5





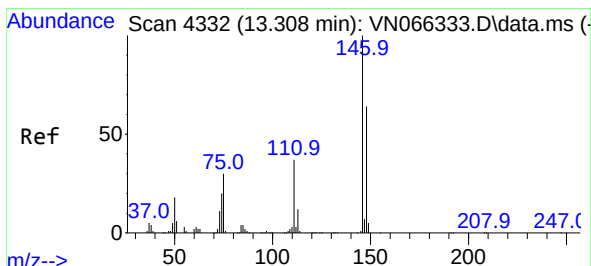
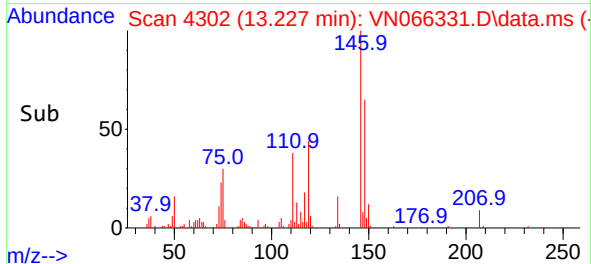
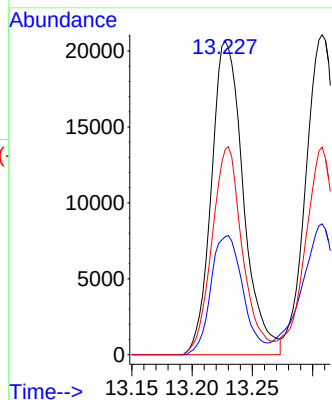
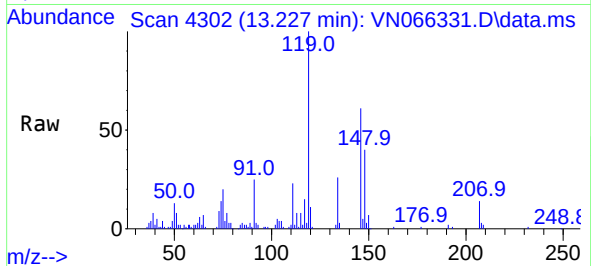
#87
1,3-Dichlorobenzene
Concen: 4.25 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:146 Resp: 38065
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.1
148 63.6 31.8 95.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

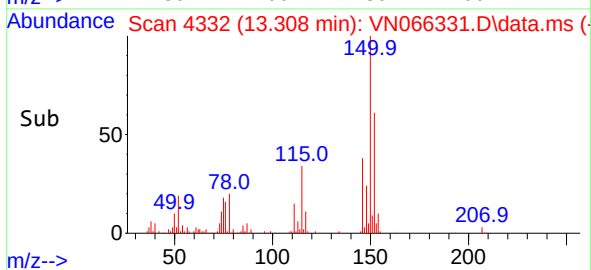
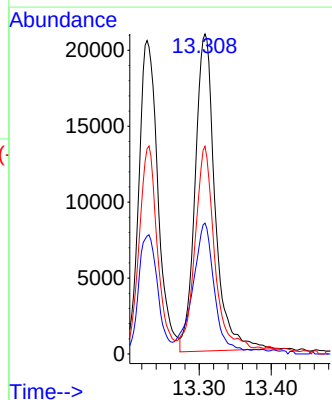
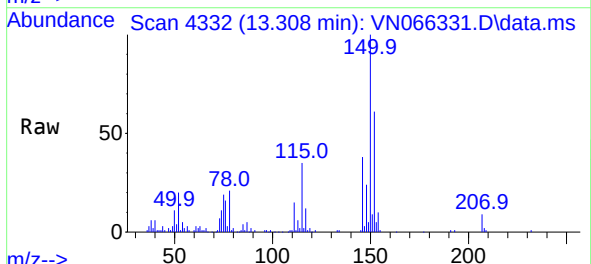
Manual Integrations
APPROVED

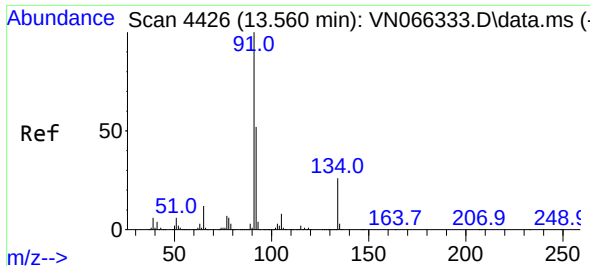
SAM
3/29/2021 5:12:09 PM



#88
1,4-Dichlorobenzene
Concen: 4.44 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:146 Resp: 40354
Ion Ratio Lower Upper
146 100
111 42.7 18.3 54.9
148 62.5 31.9 95.9





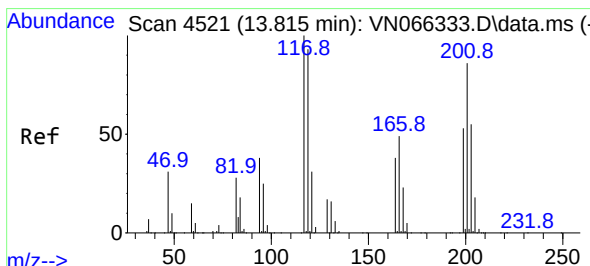
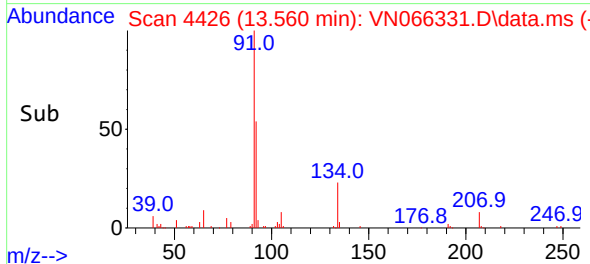
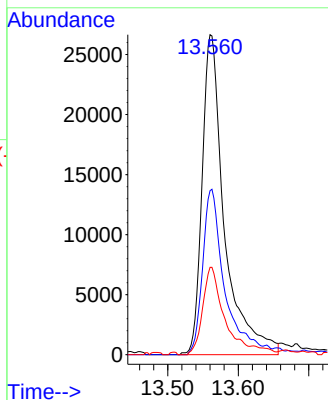
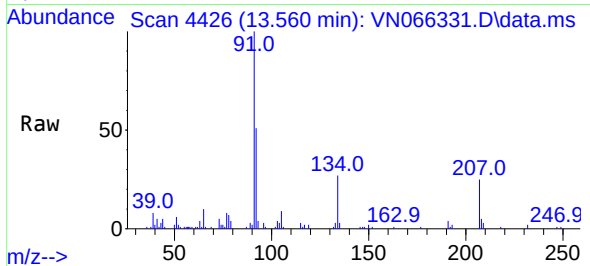
#89
n-Butylbenzene
Concen: 3.67 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 91 Resp: 58670
Ion Ratio Lower Upper
91 100
92 50.4 26.1 78.3
134 25.7 12.8 38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

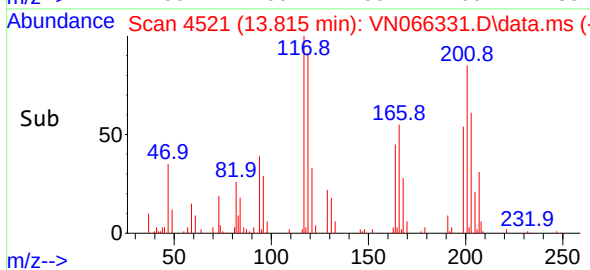
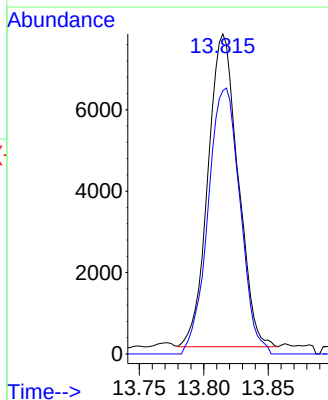
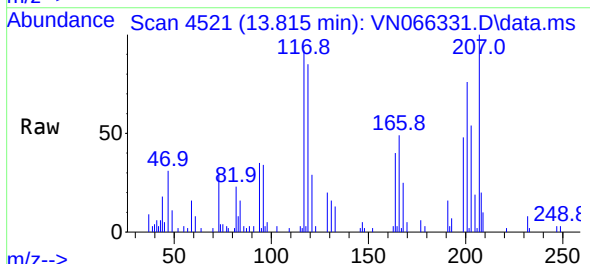
Manual Integrations
APPROVED

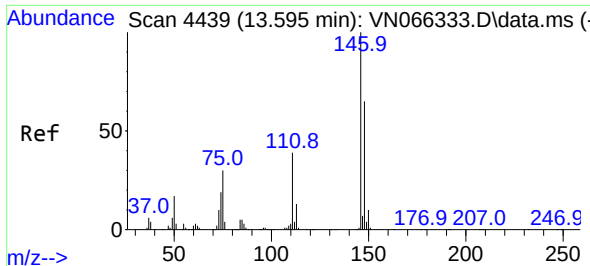
SAM
3/29/2021 5:12:09 PM



#90
Hexachloroethane
Concen: 4.46 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 117 Resp: 12498
Ion Ratio Lower Upper
117 100
201 90.1 44.0 131.8





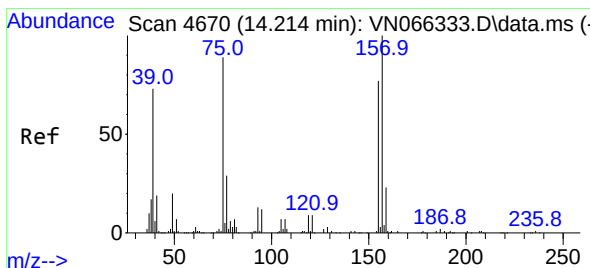
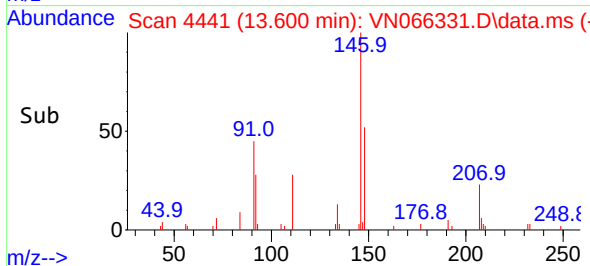
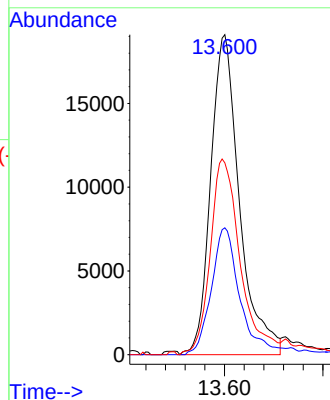
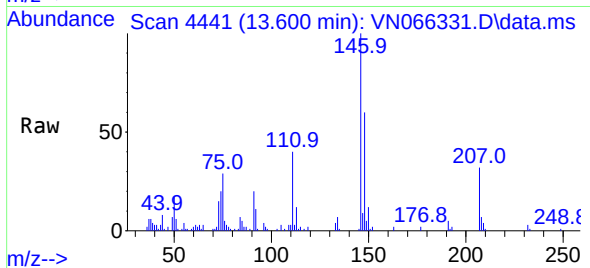
#91
1,2-Dichlorobenzene
Concen: 4.39 ug/l
RT: 13.600 min Scan# 4441
Delta R.T. 0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 146 Resp: 38862
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 63.8 32.3 96.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

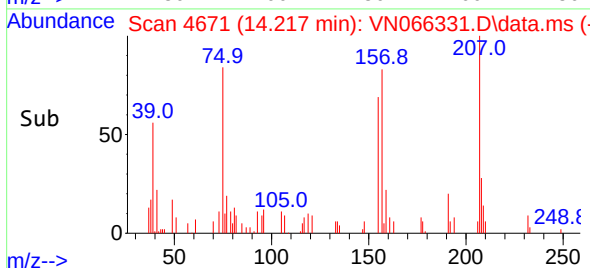
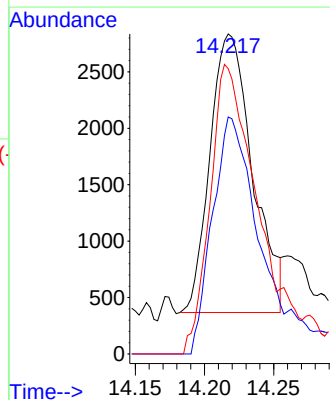
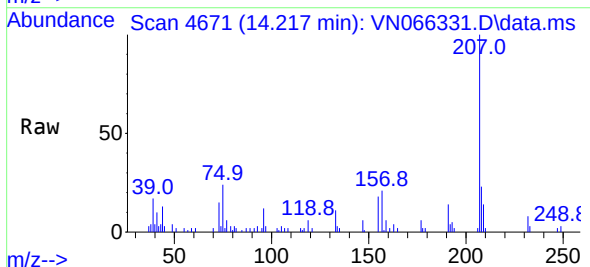
Manual Integrations
APPROVED

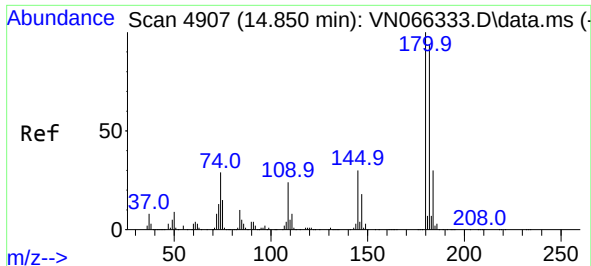
SAM
3/29/2021 5:12:09 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.85 ug/l
RT: 14.217 min Scan# 4671
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion: 75 Resp: 5279
Ion Ratio Lower Upper
75 100
155 97.7 43.8 131.3
157 116.0 57.6 172.8





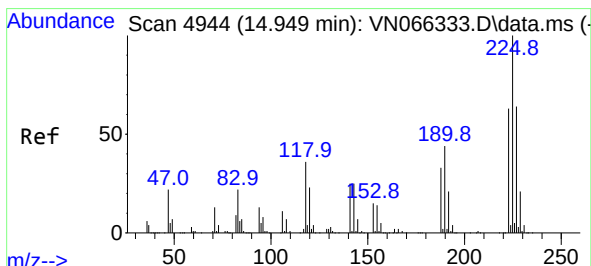
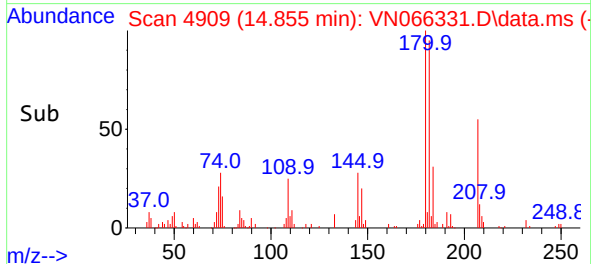
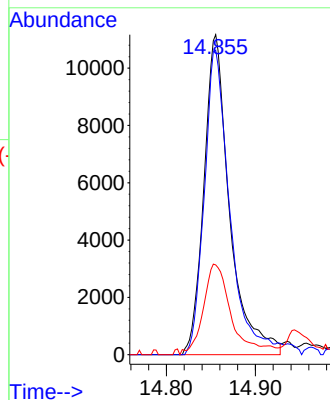
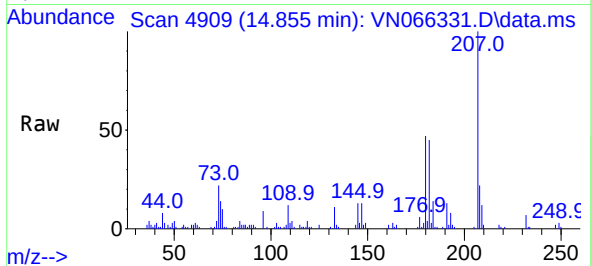
#93
1,2,4-Trichlorobenzene
Concen: 4.46 ug/l
RT: 14.855 min Scan# 4909
Delta R.T. 0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.3
145	29.8	14.2	42.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

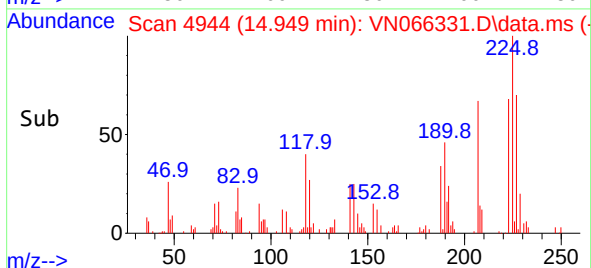
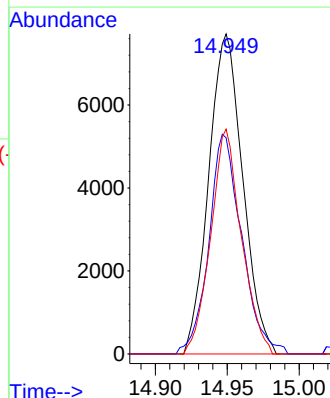
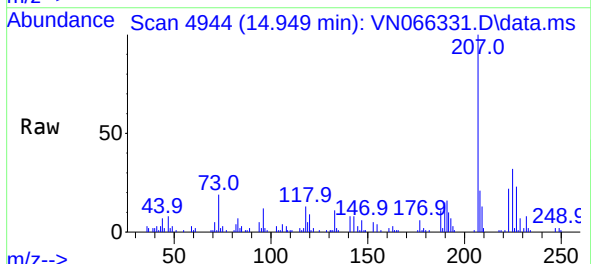
Manual Integrations
APPROVED

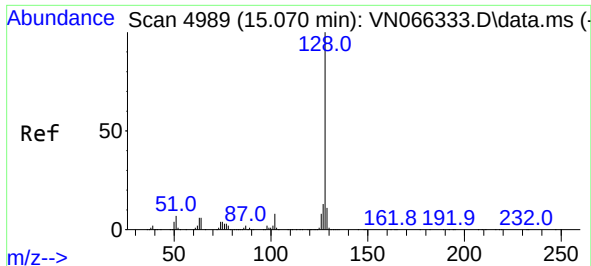
SAM
3/29/2021 5:12:09 PM



#94
Hexachlorobutadiene
Concen: 4.88 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	31.1	93.5
227	63.2	32.1	96.3





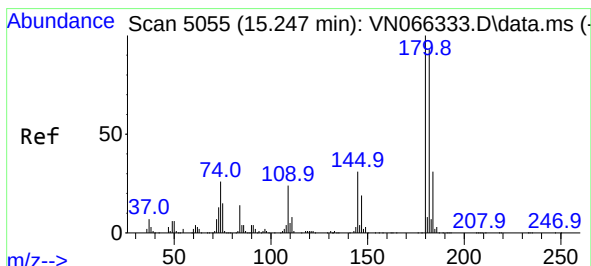
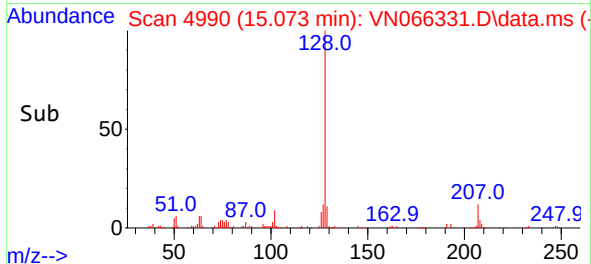
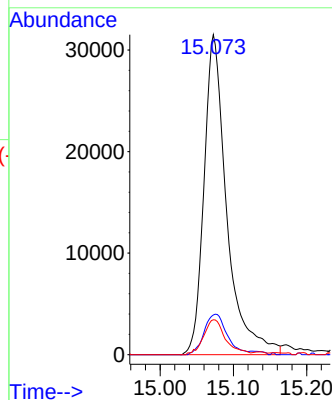
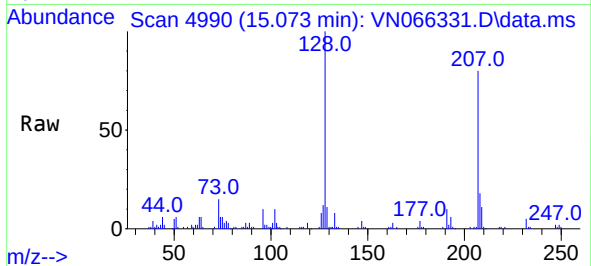
#95
Naphthalene
Concen: 4.17 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:	128	Resp:	68071
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.5	8.5	12.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.30 ug/l
RT: 15.252 min Scan# 5057
Delta R.T. 0.005 min
Lab File: VN066331.D
Acq: 25 Mar 2021 15:24

Tgt Ion:	180	Resp:	22931
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.6	142.9
145	32.2	15.4	46.1

