

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067142.D
 Acq On : 19 May 2021 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 5/20/2021 6:03:47 PM

Quant Time: May 20 01:52:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	543240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	770878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	680283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	338672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	280310	47.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.52%		
35) Dibromofluoromethane	7.519	113	268149	52.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.94%		
50) Toluene-d8	10.035	98	984969	51.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.68%		
62) 4-Bromofluorobenzene	12.355	95	347656	54.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.20%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.855	85	229499	46.43	ug/l	100
3) Chloromethane	2.059	50	263197	43.88	ug/l	98
4) Vinyl Chloride	2.182	62	289750	48.29	ug/l	99
5) Bromomethane	2.528	94	192998	46.41	ug/l	98
6) Chloroethane	2.673	64	176138	49.29	ug/l	99
7) Trichlorofluoromethane	2.989	101	401995	51.79	ug/l	97
8) Diethyl Ether	3.373	74	160272	48.55	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	248840	50.14	ug/l	97
10) Methyl Iodide	3.901	142	411523	50.31	ug/l	100
11) Tert butyl alcohol	4.722	59	224001	228.98	ug/l	100
12) 1,1-Dichloroethene	3.689	96	237890	46.57	ug/l	99
13) Acrolein	3.563	56	83803	279.10	ug/l	92
14) Allyl chloride	4.261	41	374311	47.55	ug/l	99
15) Acrylonitrile	4.904	53	541622	247.72	ug/l	99
16) Acetone	3.767	43	469647	257.48	ug/l	99
17) Carbon Disulfide	4.000	76	605605	44.25	ug/l	100
18) Methyl Acetate	4.263	43	279639	51.56	ug/l	100
19) Methyl tert-butyl Ether	4.969	73	752760	48.71	ug/l	100
20) Methylene Chloride	4.483	84	274767	46.04	ug/l	99
21) trans-1,2-Dichloroethene	4.966	96	261173	47.87	ug/l	99
22) Diisopropyl ether	5.875	45	700384	48.16	ug/l	97
23) Vinyl Acetate	5.816	43	3152528	248.36	ug/l	100
24) 1,1-Dichloroethane	5.765	63	477993	48.58	ug/l	100
25) 2-Butanone	6.755	43	738925	259.79	ug/l	99
26) 2,2-Dichloropropane	6.744	77	430343	47.56	ug/l	99
27) cis-1,2-Dichloroethene	6.750	96	315716	48.45	ug/l	98
28) Bromochloromethane	7.120	49	204774	50.16	ug/l	97
29) Tetrahydrofuran	7.136	42	443081	250.87	ug/l	100
30) Chloroform	7.297	83	489002	48.53	ug/l	97
31) Cyclohexane	7.584	56	360754	44.62	ug/l	100
32) 1,1,1-Trichloroethane	7.498	97	440105	48.51	ug/l	100
36) 1,1-Dichloropropene	7.723	75	356825	50.74	ug/l	98
37) Ethyl Acetate	6.849	43	313102	50.41	ug/l	99
38) Carbon Tetrachloride	7.704	117	397089	53.04	ug/l	97
39) Methylcyclohexane	9.021	83	415945	50.52	ug/l	98
40) Benzene	7.975	78	1097041	51.36	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067142.D
 Acq On : 19 May 2021 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 5/20/2021 6:03:47 PM

Quant Time: May 20 01:52:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.093	41	141198	56.32	ug/l	96
42) 1,2-Dichloroethane	8.058	62	354007	51.54	ug/l	99
43) Isopropyl Acetate	8.099	43	532707	51.68	ug/l	99
44) Trichloroethene	8.777	130	326354	53.75	ug/l	97
45) 1,2-Dichloropropane	9.056	63	287005	51.39	ug/l	99
46) Dibromomethane	9.150	93	194238	52.12	ug/l	96
47) Bromodichloromethane	9.346	83	396861	51.38	ug/l	99
48) Methyl methacrylate	9.142	41	237862	48.09	ug/l	99
49) 1,4-Dioxane	9.145	88	77440	1055.70	ug/l	99
51) 4-Methyl-2-Pentanone	9.928	43	1528425	246.73	ug/l	100
52) Toluene	10.099	92	715546	51.86	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	433941	52.70	ug/l	100
54) cis-1,3-Dichloropropene	9.783	75	480516	51.92	ug/l	99
55) 1,1,2-Trichloroethane	10.510	97	286294	52.24	ug/l	100
56) Ethyl methacrylate	10.378	69	402027	47.77	ug/l	100
57) 1,3-Dichloropropane	10.654	76	458339	52.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.638	63	312901	259.16	ug/l	98
59) 2-Hexanone	10.700	43	984092	246.43	ug/l	98
60) Dibromochloromethane	10.850	129	351543	54.46	ug/l	100
61) 1,2-Dibromoethane	10.952	107	296939	52.81	ug/l	100
64) Tetrachloroethene	10.579	164	319675	53.55	ug/l	97
65) Chlorobenzene	11.384	112	800599	52.77	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.459	131	318330	52.93	ug/l	99
67) Ethyl Benzene	11.462	91	1343711	52.59	ug/l	100
68) m/p-Xylenes	11.572	106	1084311	109.82	ug/l	97
69) o-Xylene	11.899	106	531058	53.43	ug/l	99
70) Styrene	11.918	104	846951	54.74	ug/l	99
71) Bromoform	12.081	173	275674	52.80	ug/l #	100
73) Isopropylbenzene	12.202	105	1386649	49.02	ug/l	99
74) N-amyl acetate	12.030	43	204911	43.51	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.457	83	412426	48.11	ug/l	97
76) 1,2,3-Trichloropropane	12.505	75	364321m	50.98	ug/l	
77) Bromobenzene	12.478	156	372685	52.97	ug/l	95
78) n-propylbenzene	12.545	91	1487929	52.00	ug/l	99
79) 2-Chlorotoluene	12.628	91	899329	47.49	ug/l	98
80) 1,3,5-Trimethylbenzene	12.687	105	1155111	48.94	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.253	75	113043	48.72	ug/l	94
82) 4-Chlorotoluene	12.725	91	878680	48.54	ug/l	97
83) tert-Butylbenzene	12.945	119	1040156	46.68	ug/l	99
84) 1,2,4-Trimethylbenzene	12.993	105	1097063	50.42	ug/l	99
85) sec-Butylbenzene	13.125	105	1365267	51.30	ug/l	99
86) p-Isopropyltoluene	13.243	119	1198496	51.89	ug/l	99
87) 1,3-Dichlorobenzene	13.237	146	616583	53.97	ug/l	99
88) 1,4-Dichlorobenzene	13.318	146	621941	52.27	ug/l	99
89) n-Butylbenzene	13.572	91	853461	48.73	ug/l	99
90) Hexachloroethane	13.825	117	216519	51.22	ug/l	95
91) 1,2-Dichlorobenzene	13.607	146	596006	50.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.230	75	63465	50.20	ug/l	92
93) 1,2,4-Trichlorobenzene	14.865	180	347180	57.80	ug/l	98
94) Hexachlorobutadiene	14.962	225	216511	52.34	ug/l	99
95) Naphthalene	15.085	128	694400	48.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.265	180	326622	58.95	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
Data File : VN067142.D
Acq On : 19 May 2021 11:03
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
5/20/2021 6:03:47 PM

Quant Time: May 20 01:52:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

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

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

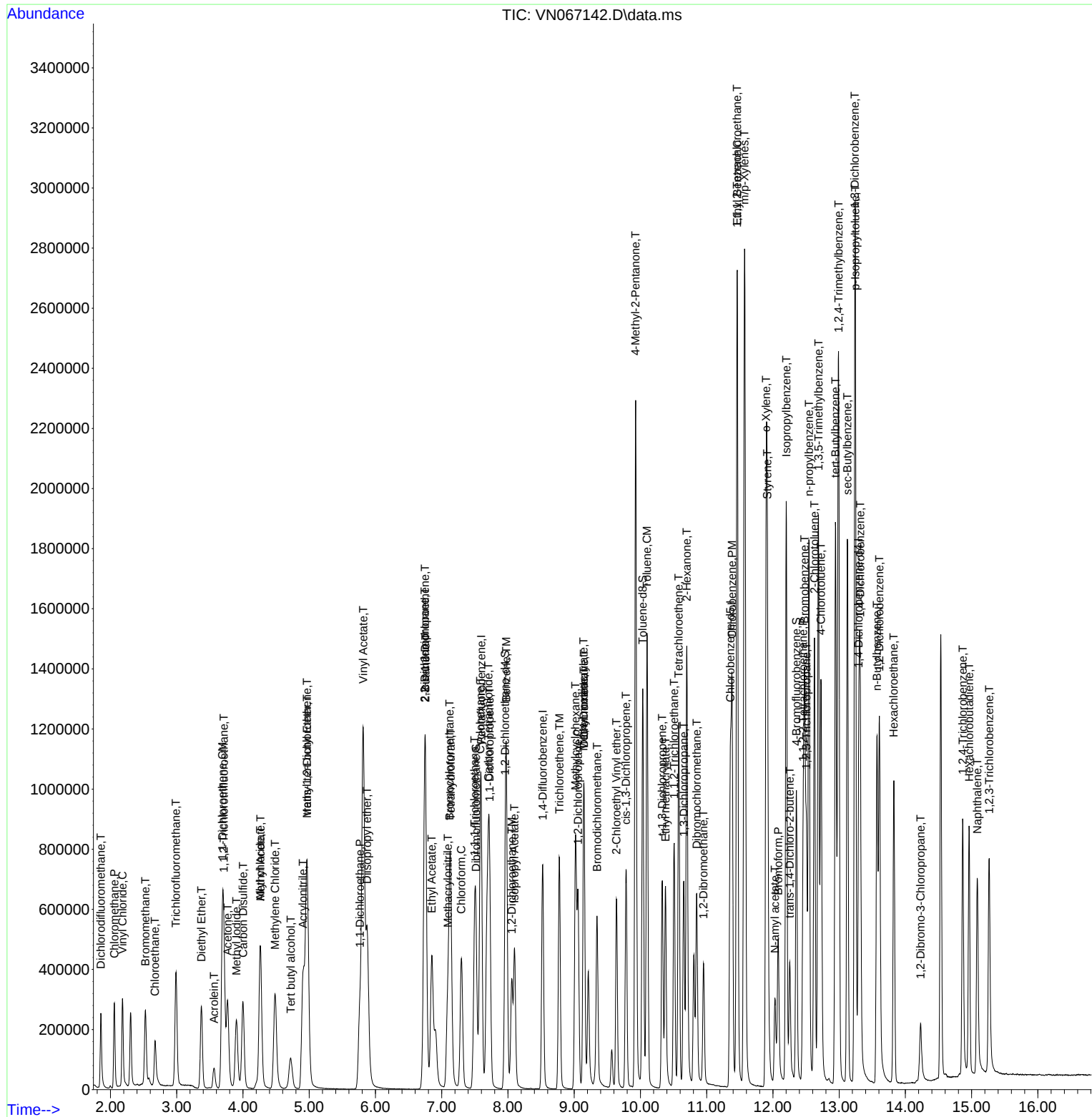
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
Data File : VN067142.D
Acq On : 19 May 2021 11:03
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

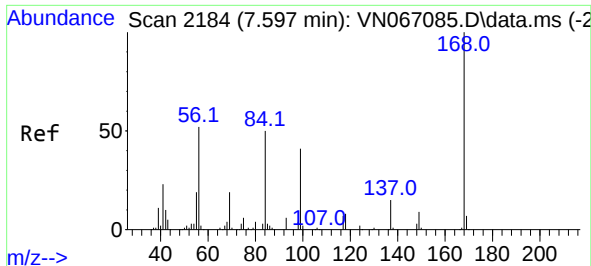
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
5/20/2021 6:03:47 PM

Quant Time: May 20 01:52:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration





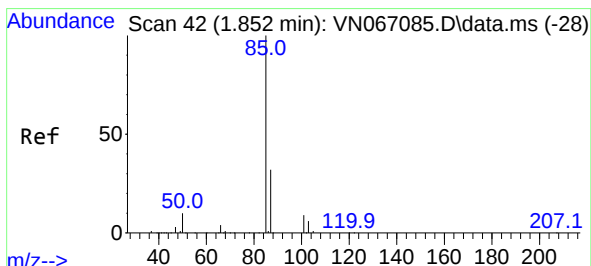
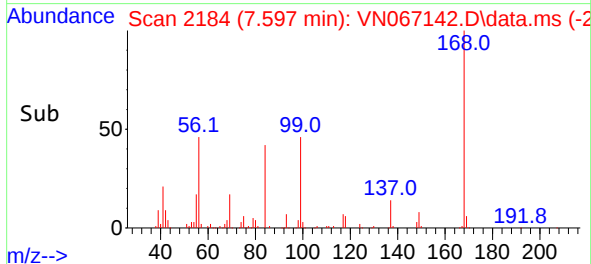
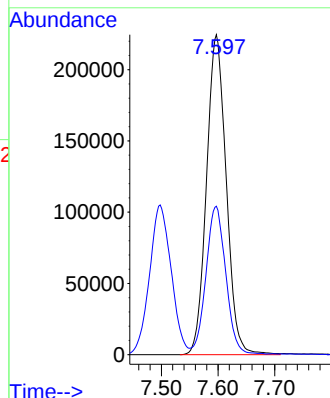
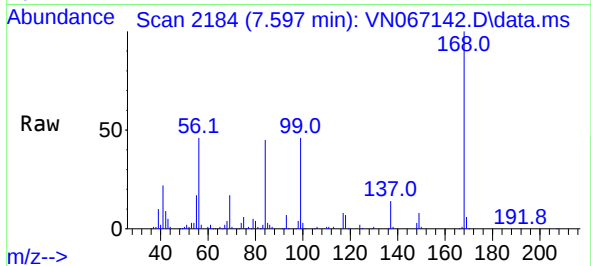
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 168 Resp: 543240
Ion Ratio Lower Upper
168 100
99 46.2 38.5 57.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

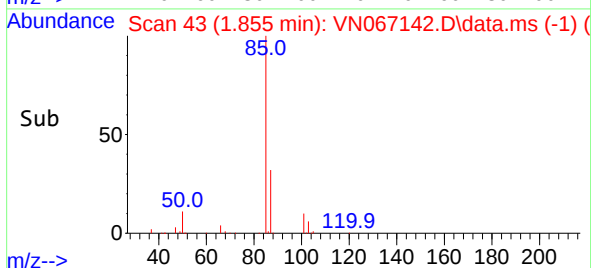
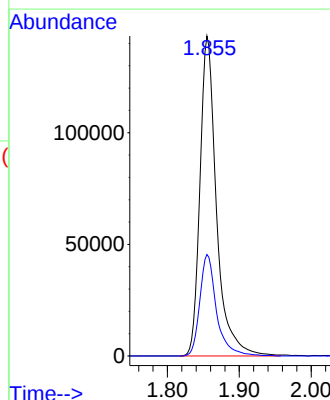
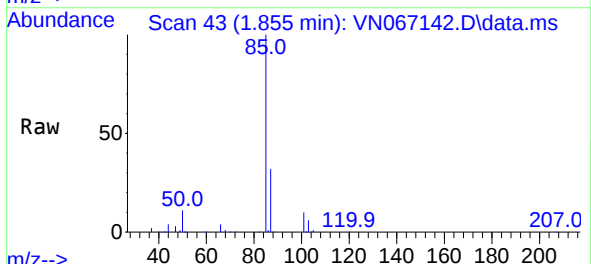
Manual Integrations
APPROVED

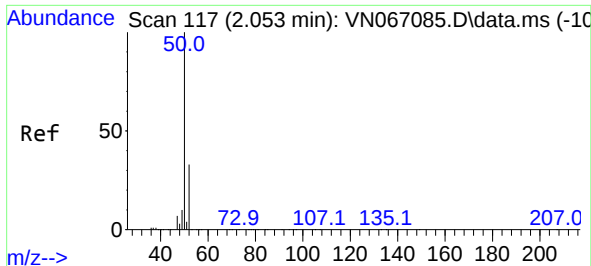
SAM
5/20/2021 6:03:47 PM



#2
Dichlorodifluoromethane
Concen: 46.43 ug/l
RT: 1.855 min Scan# 43
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

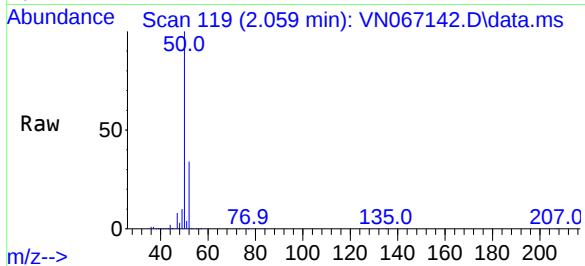
Tgt Ion: 85 Resp: 229499
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4





#3
Chloromethane
Concen: 43.88 ug/l
RT: 2.059 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

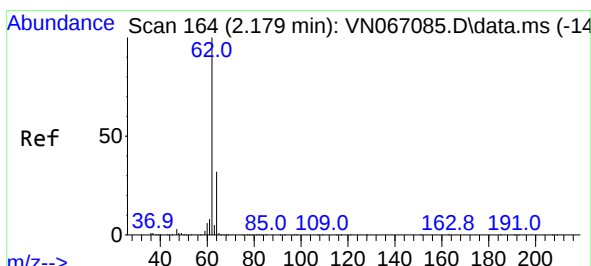
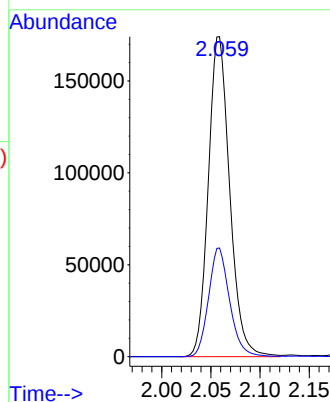
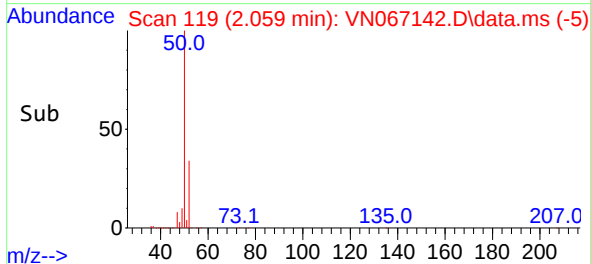
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



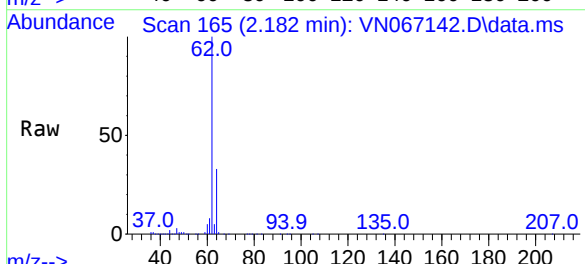
Tgt Ion: 50 Resp: 263197
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

Manual Integrations
APPROVED

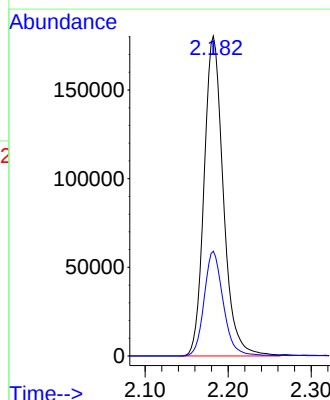
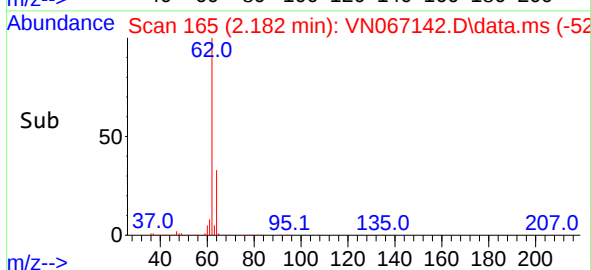
SAM
5/20/2021 6:03:47 PM

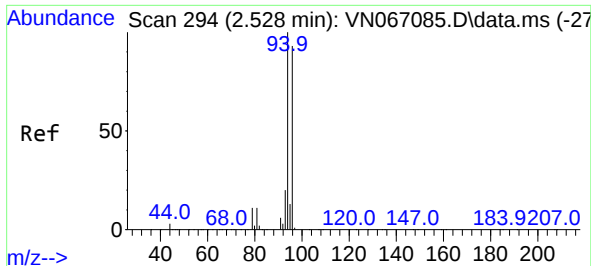


#4
Vinyl Chloride
Concen: 48.29 ug/l
RT: 2.182 min Scan# 165
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



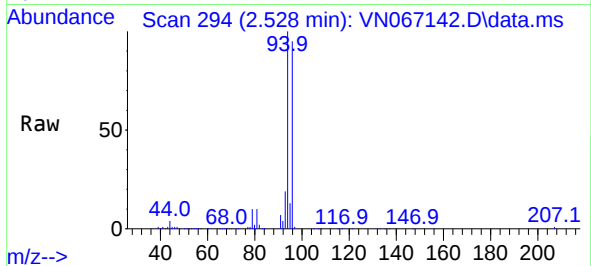
Tgt Ion: 62 Resp: 289750
Ion Ratio Lower Upper
62 100
64 32.8 25.9 38.9





#5
Bromomethane
Concen: 46.41 ug/l
RT: 2.528 min Scan# 294
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

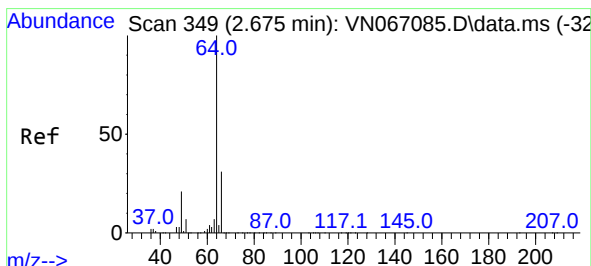
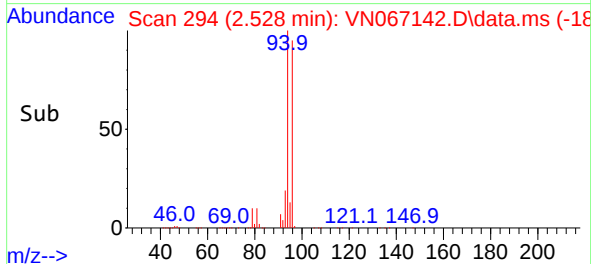
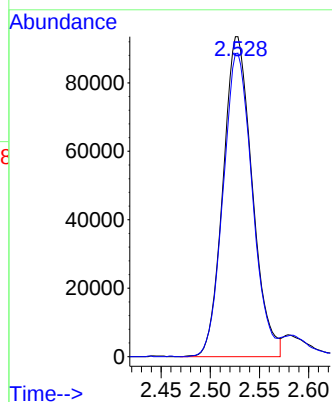
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



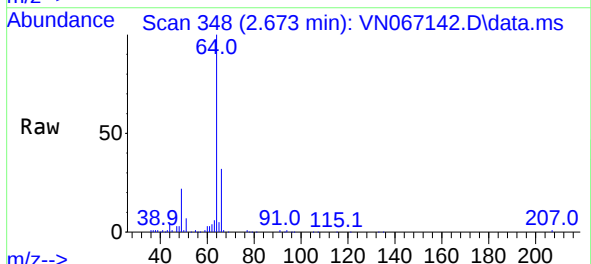
Tgt Ion: 94 Resp: 192998
Ion Ratio Lower Upper
94 100
96 94.8 74.4 111.6

Manual Integrations
APPROVED

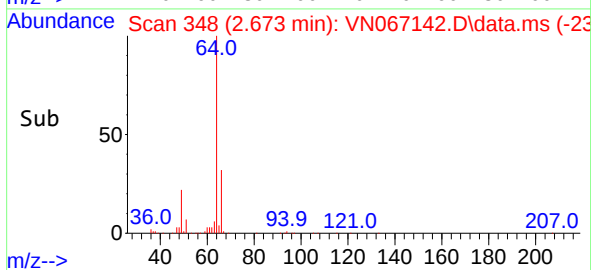
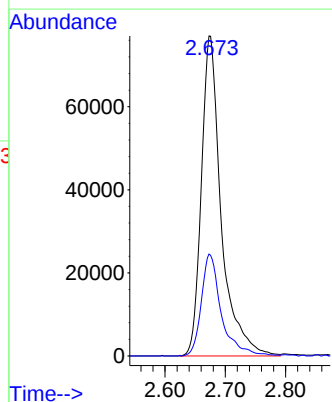
SAM
5/20/2021 6:03:47 PM

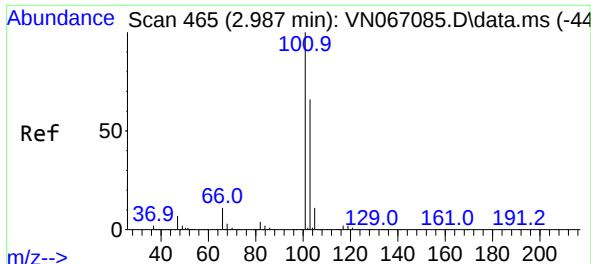


#6
Chloroethane
Concen: 49.29 ug/l
RT: 2.673 min Scan# 348
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion: 64 Resp: 176138
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.6





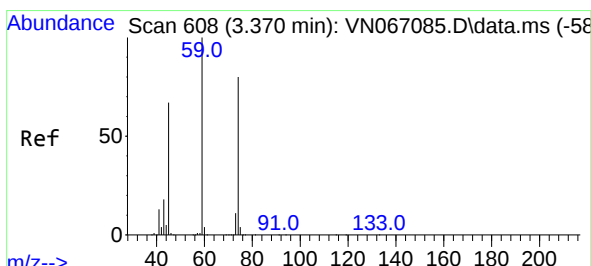
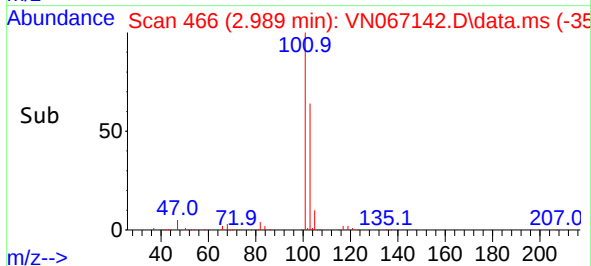
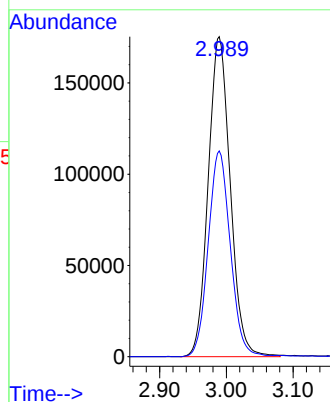
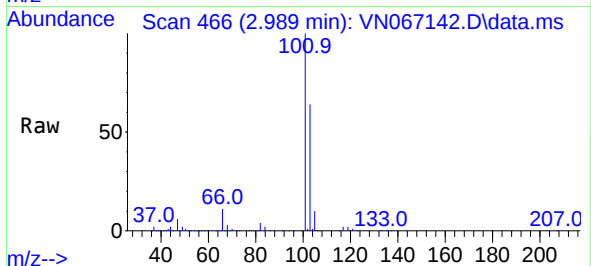
#7
Trichlorofluoromethane
Concen: 51.79 ug/l
RT: 2.989 min Scan# 466
Delta R.T. 0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:101 Resp: 401995
Ion Ratio Lower Upper
101 100
103 64.3 53.2 79.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

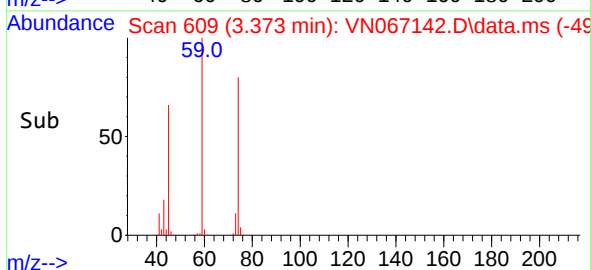
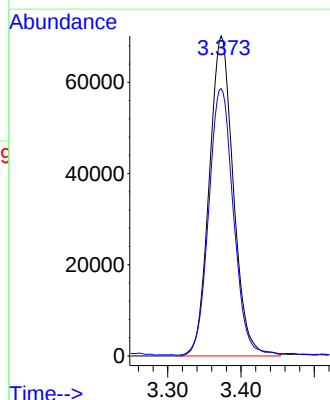
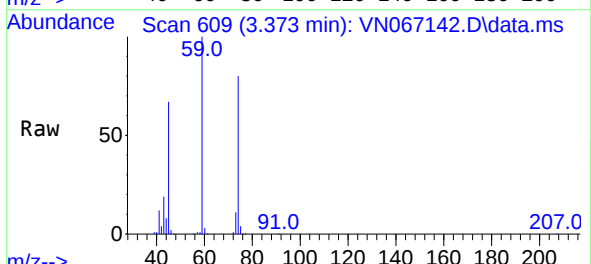
Manual Integrations
APPROVED

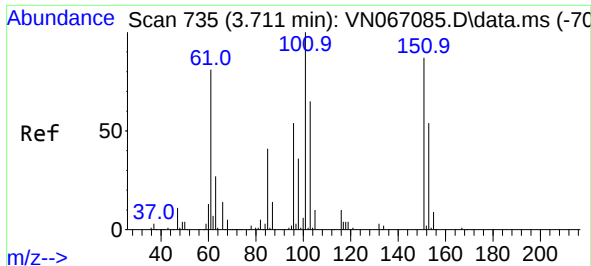
SAM
5/20/2021 6:03:47 PM



#8
Diethyl Ether
Concen: 48.55 ug/l
RT: 3.373 min Scan# 609
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 74 Resp: 160272
Ion Ratio Lower Upper
74 100
45 84.9 42.7 128.1





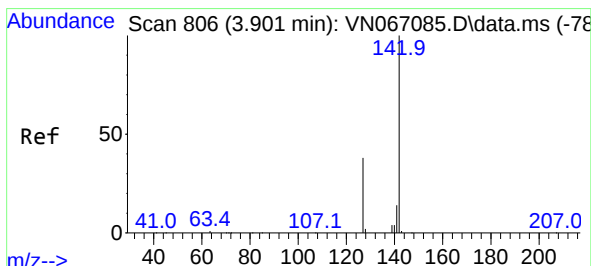
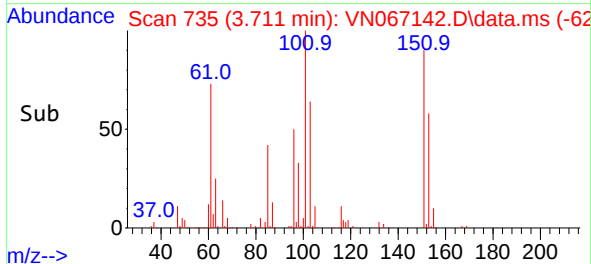
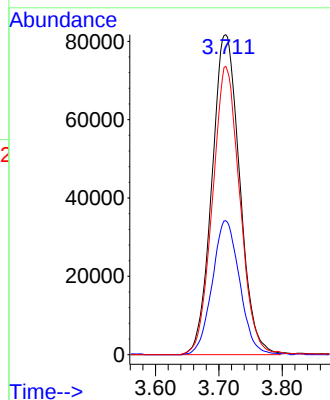
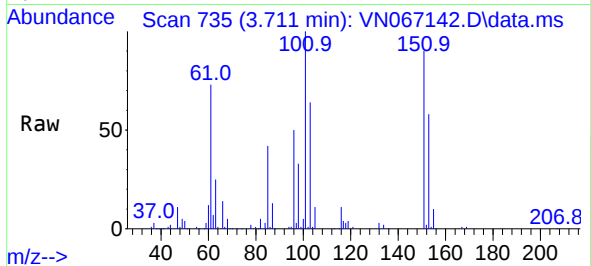
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.14 ug/l
RT: 3.711 min Scan# 735
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:101 Resp: 248840
Ion Ratio Lower Upper
101 100
85 41.3 32.6 49.0
151 88.3 68.2 102.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

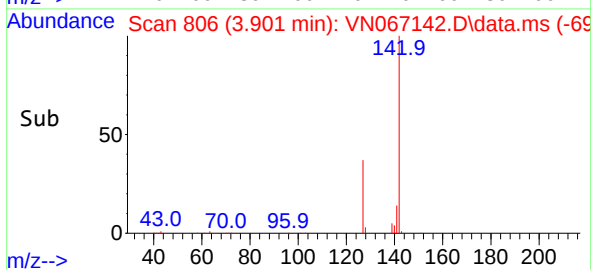
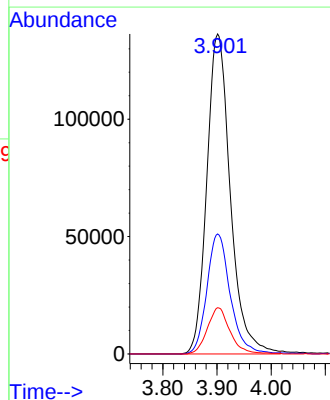
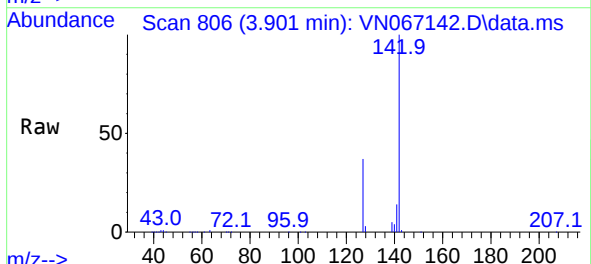
Manual Integrations
APPROVED

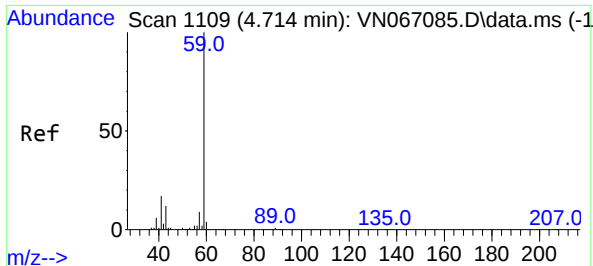
SAM
5/20/2021 6:03:47 PM



#10
Methyl Iodide
Concen: 50.31 ug/l
RT: 3.901 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

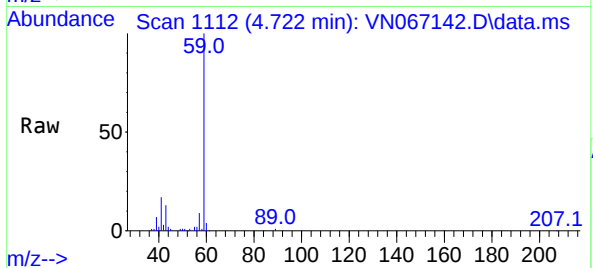
Tgt Ion:142 Resp: 411523
Ion Ratio Lower Upper
142 100
127 37.2 29.9 44.9
141 13.9 11.3 16.9





#11
Tert butyl alcohol
Concen: 228.98 ug/l
RT: 4.722 min Scan# 1112
Delta R.T. 0.008 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

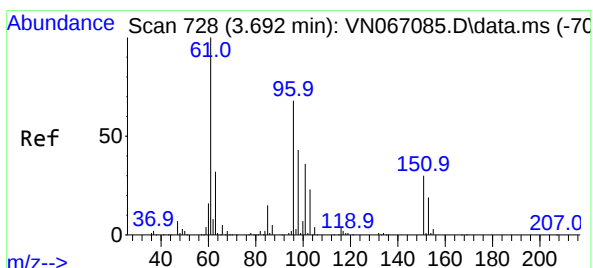
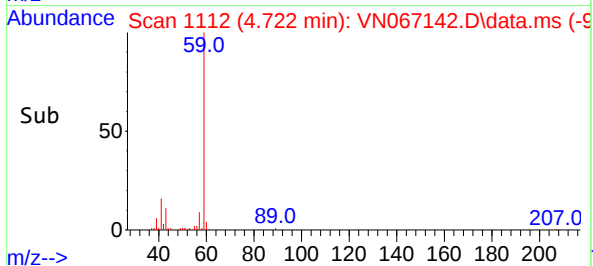
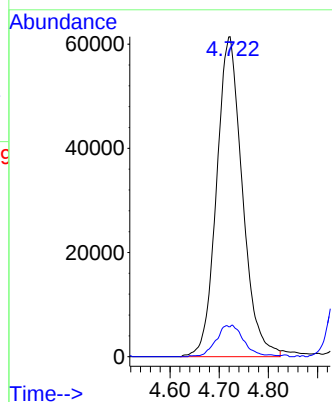
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 224001
Ion Ratio Lower Upper
59 100
57 4.6 3.5 5.3

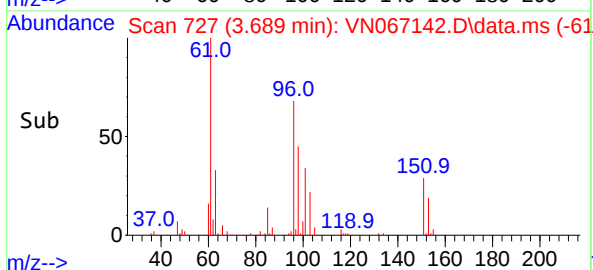
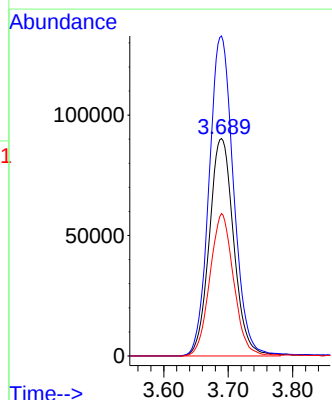
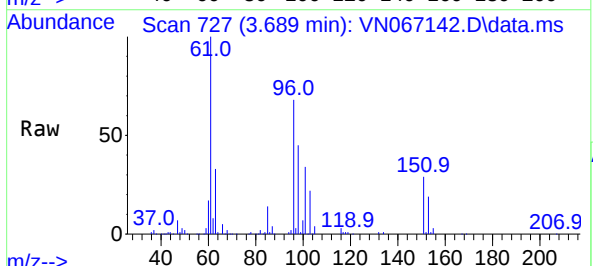
Manual Integrations
APPROVED

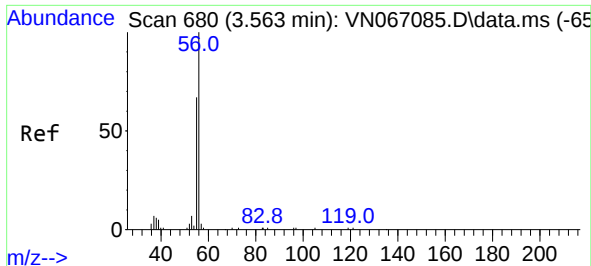
SAM
5/20/2021 6:03:47 PM



#12
1,1-Dichloroethene
Concen: 46.57 ug/l
RT: 3.689 min Scan# 727
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 96 Resp: 237890
Ion Ratio Lower Upper
96 100
61 147.2 118.1 177.1
98 65.5 51.1 76.7





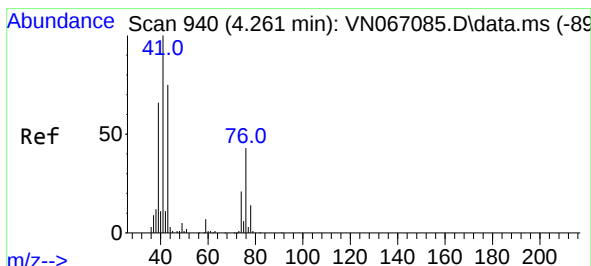
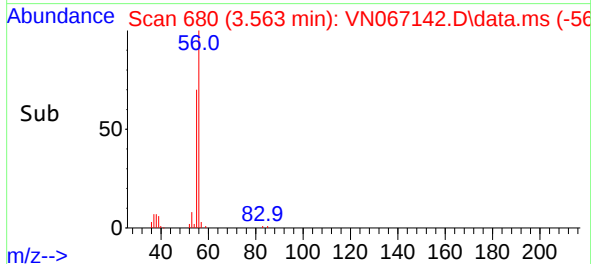
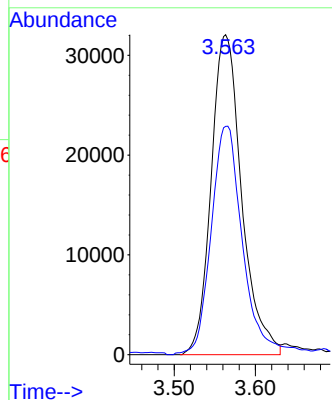
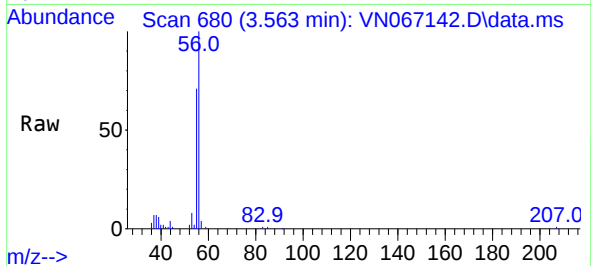
#13
Acrolein
Concen: 279.10 ug/l
RT: 3.563 min Scan# 680
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 56 Resp: 83803
Ion Ratio Lower Upper
56 100
55 73.9 53.8 80.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

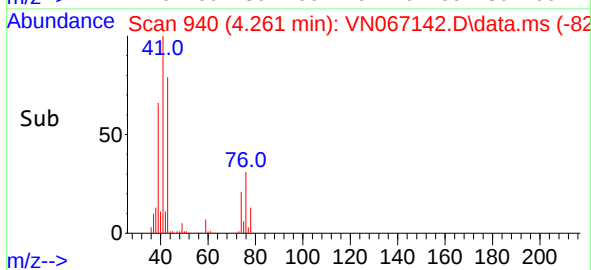
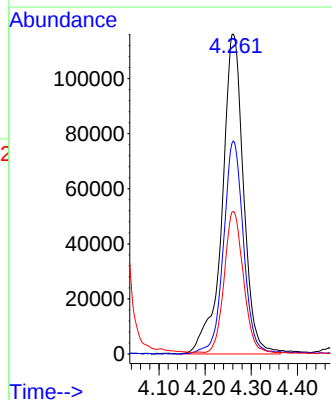
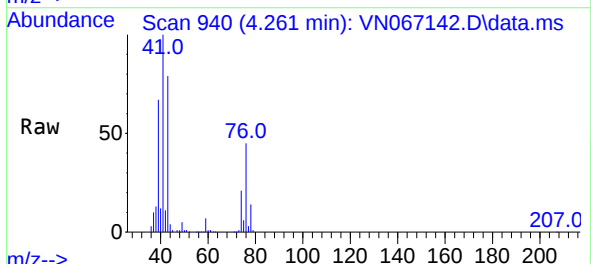
Manual Integrations
APPROVED

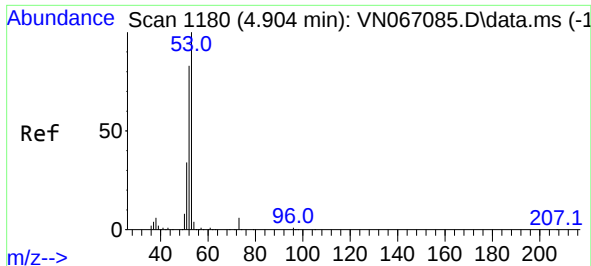
SAM
5/20/2021 6:03:47 PM



#14
Allyl chloride
Concen: 47.55 ug/l
RT: 4.261 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

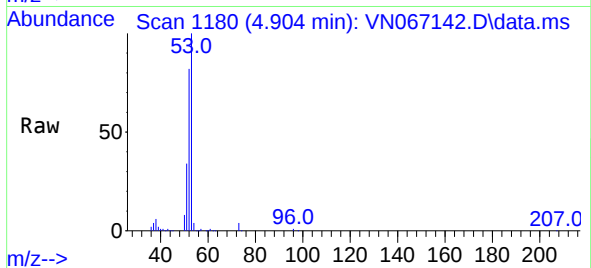
Tgt Ion: 41 Resp: 374311
Ion Ratio Lower Upper
41 100
39 61.8 48.7 73.1
76 39.2 31.4 47.2





#15
Acrylonitrile
Concen: 247.72 ug/l
RT: 4.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

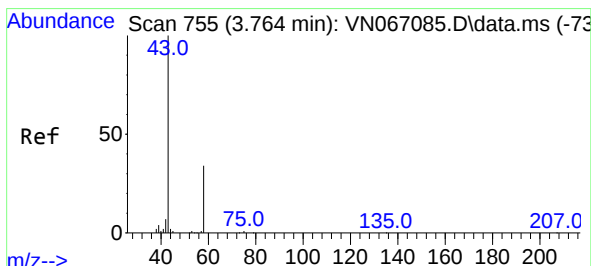
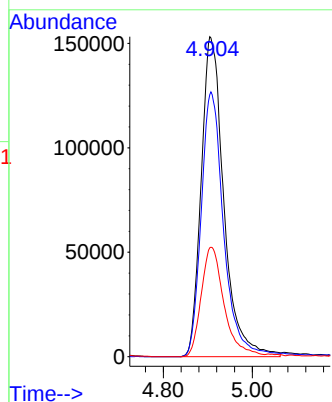
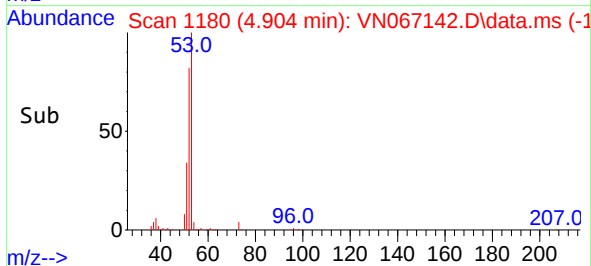
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



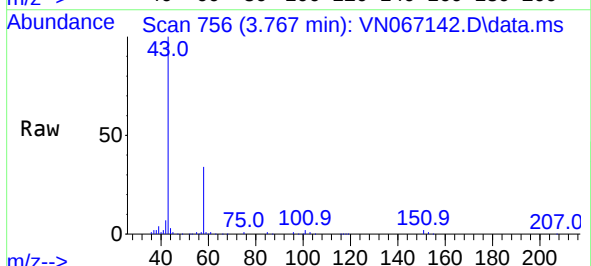
Tgt Ion: 53 Resp: 541622
Ion Ratio Lower Upper
53 100
52 82.0 66.6 100.0
51 34.7 28.6 42.8

Manual Integrations
APPROVED

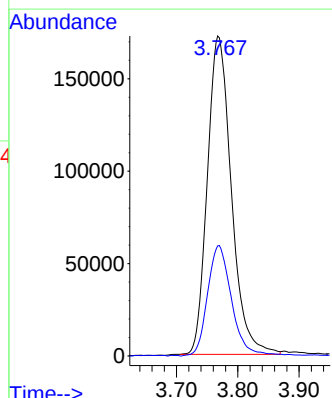
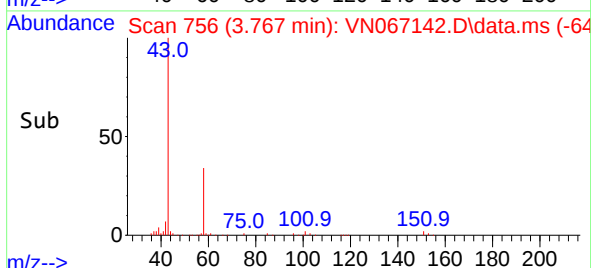
SAM
5/20/2021 6:03:47 PM

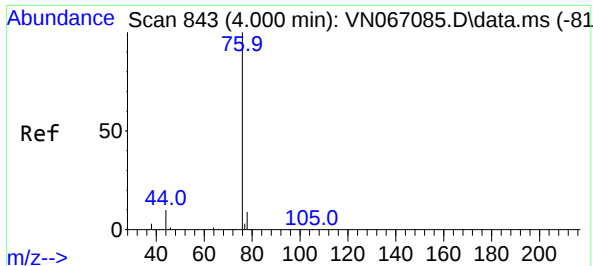


#16
Acetone
Concen: 257.48 ug/l
RT: 3.767 min Scan# 756
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion: 43 Resp: 469647
Ion Ratio Lower Upper
43 100
58 34.6 27.2 40.8





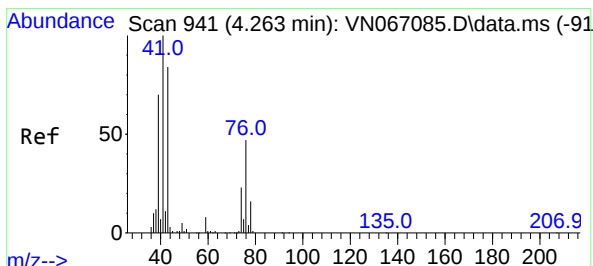
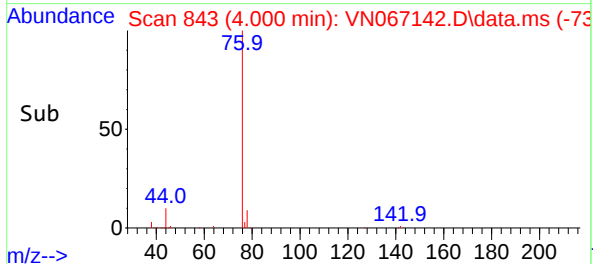
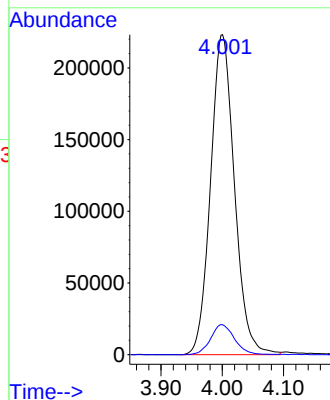
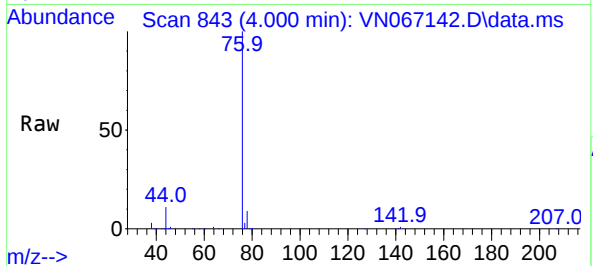
#17
Carbon Disulfide
Concen: 44.25 ug/l
RT: 4.000 min Scan# 843
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 76 Resp: 605605
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

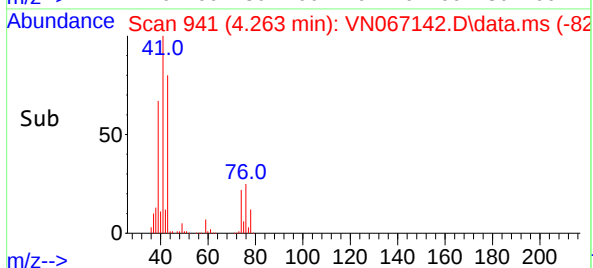
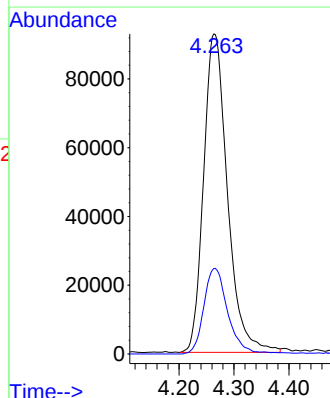
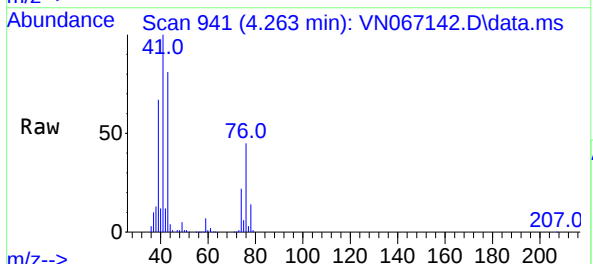
Manual Integrations
APPROVED

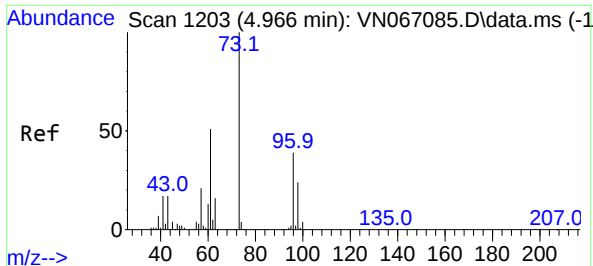
SAM
5/20/2021 6:03:47 PM



#18
Methyl Acetate
Concen: 51.56 ug/l
RT: 4.263 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 43 Resp: 279639
Ion Ratio Lower Upper
43 100
74 26.6 21.4 32.2





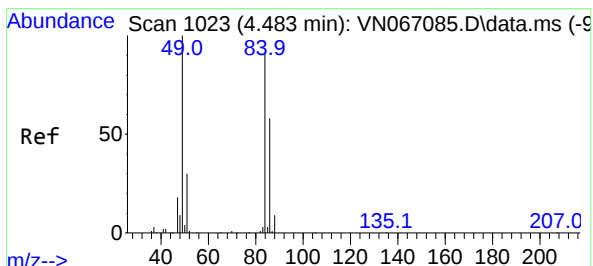
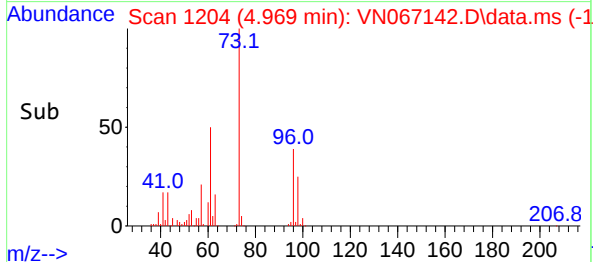
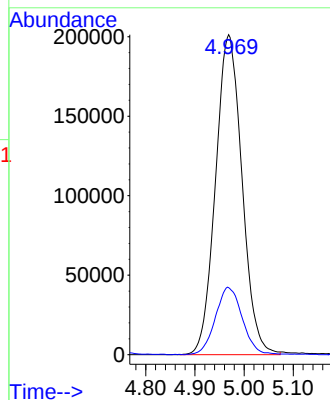
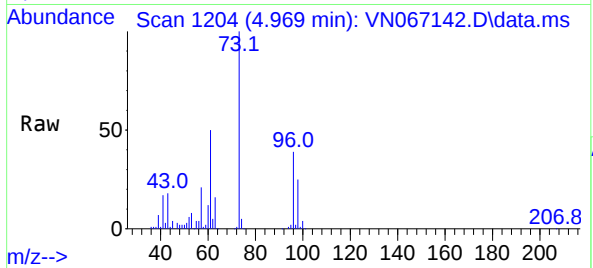
#19
Methyl tert-butyl Ether
Concen: 48.71 ug/l
RT: 4.969 min Scan# 1204
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 73 Resp: 752760
Ion Ratio Lower Upper
73 100
57 20.9 16.9 25.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

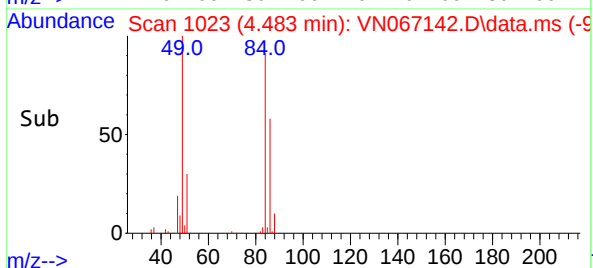
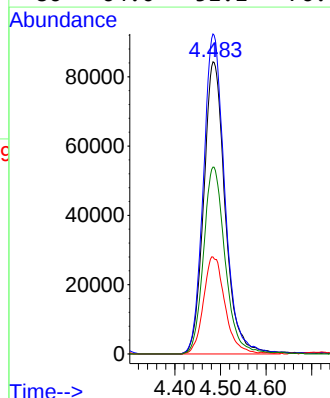
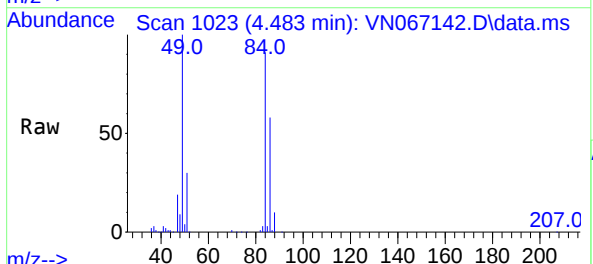
Manual Integrations
APPROVED

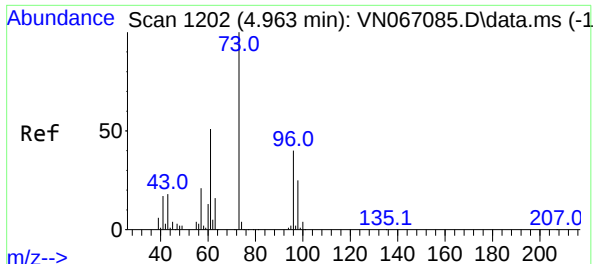
SAM
5/20/2021 6:03:47 PM



#20
Methylene Chloride
Concen: 46.04 ug/l
RT: 4.483 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

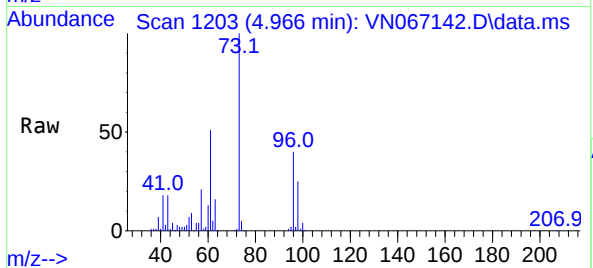
Tgt Ion: 84 Resp: 274767
Ion Ratio Lower Upper
84 100
49 109.5 88.3 132.5
51 33.2 26.7 40.1
86 64.0 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 47.87 ug/l
RT: 4.966 min Scan# 1203
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

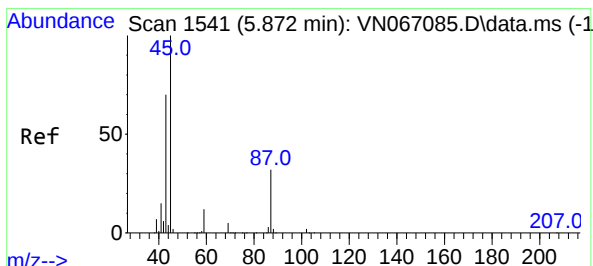
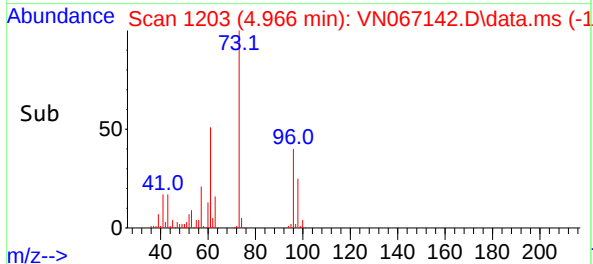
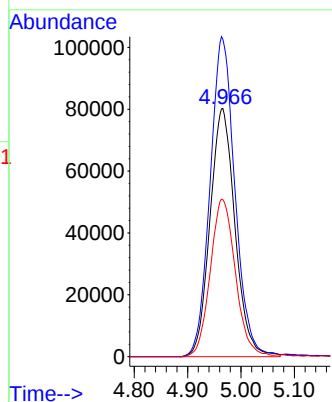
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



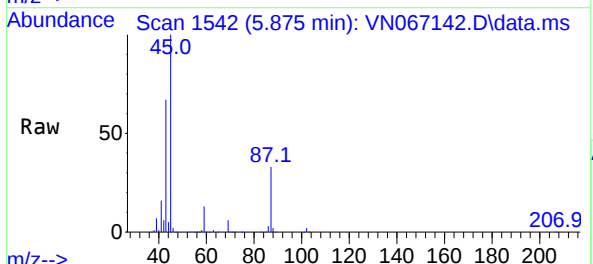
Tgt Ion: 96 Resp: 261173
Ion Ratio Lower Upper
96 100
61 127.8 103.8 155.6
98 63.3 49.8 74.8

Manual Integrations
APPROVED

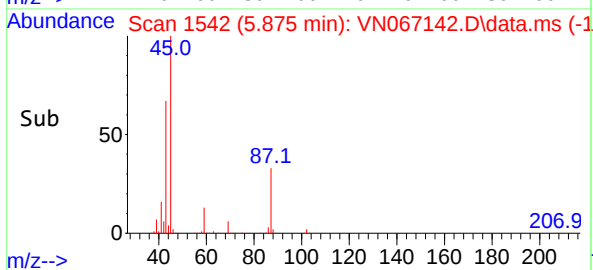
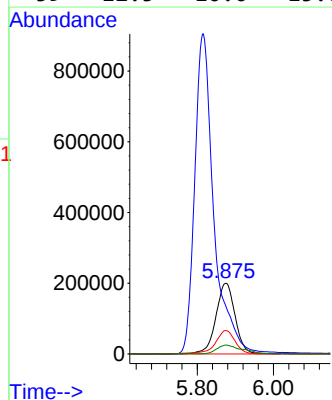
SAM
5/20/2021 6:03:47 PM

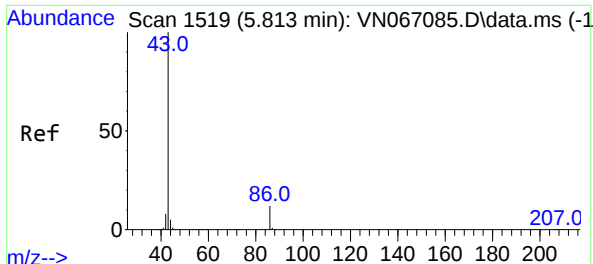


#22
Diisopropyl ether
Concen: 48.16 ug/l
RT: 5.875 min Scan# 1542
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



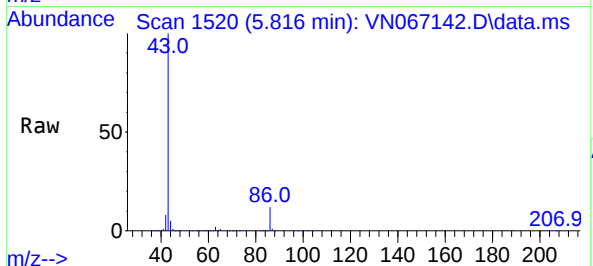
Tgt Ion: 45 Resp: 700384
Ion Ratio Lower Upper
45 100
43 65.5 55.6 83.4
87 33.0 26.5 39.7
59 12.5 10.0 15.0





#23
 Vinyl Acetate
 Concen: 248.36 ug/l
 RT: 5.816 min Scan# 1520
 Delta R.T. 0.003 min
 Lab File: VN067142.D
 Acq: 19 May 2021 11:03

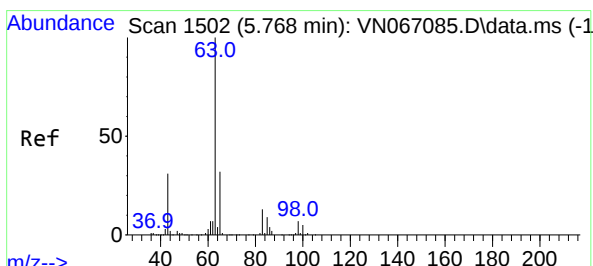
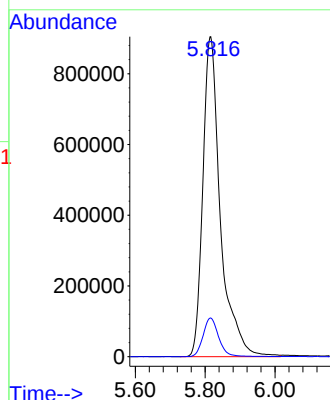
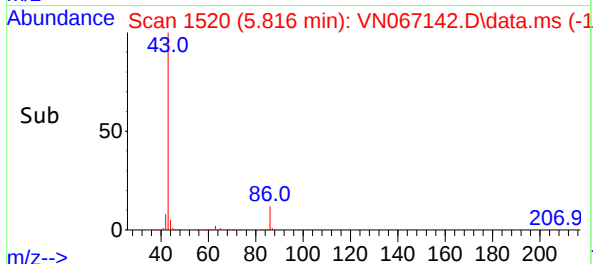
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



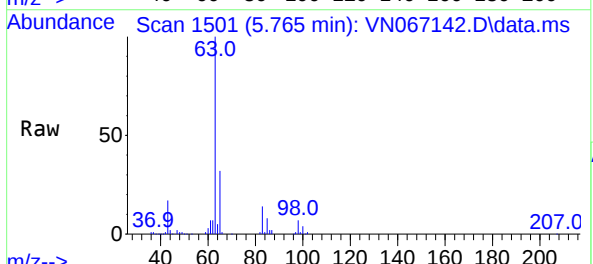
Tgt Ion: 43 Resp: 3152528
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3

Manual Integrations
 APPROVED

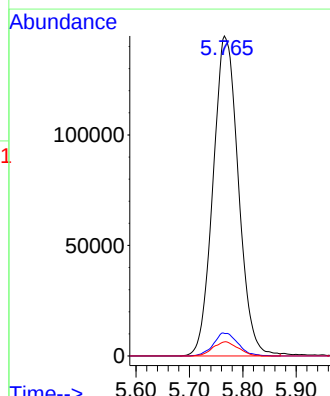
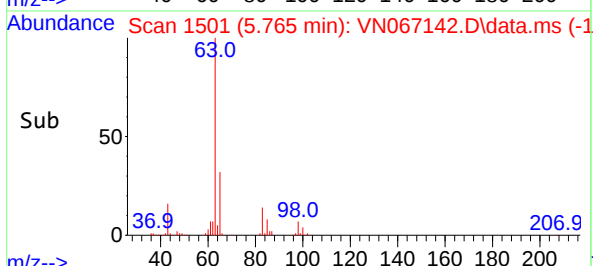
SAM
 5/20/2021 6:03:47 PM

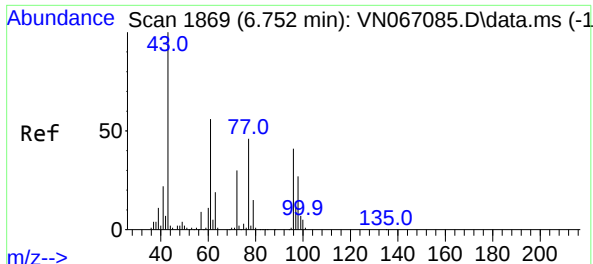


#24
 1,1-Dichloroethane
 Concen: 48.58 ug/l
 RT: 5.765 min Scan# 1501
 Delta R.T. -0.003 min
 Lab File: VN067142.D
 Acq: 19 May 2021 11:03



Tgt Ion: 63 Resp: 477993
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.4 2.3 6.8





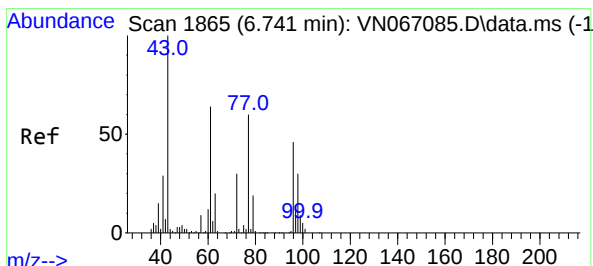
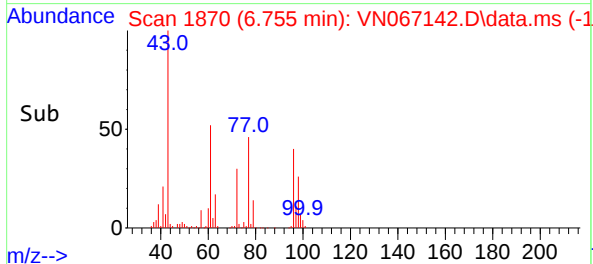
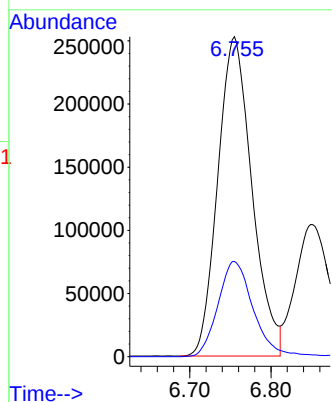
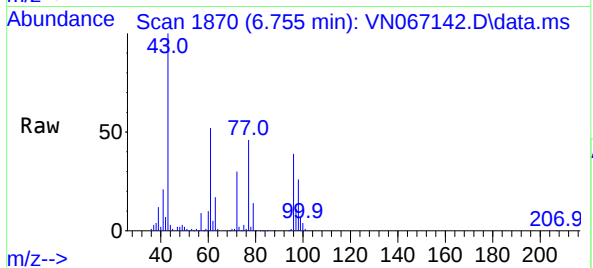
#25
2-Butanone
Concen: 259.79 ug/l
RT: 6.755 min Scan# 1870
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 43 Resp: 738925
Ion Ratio Lower Upper
43 100
72 29.8 24.4 36.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

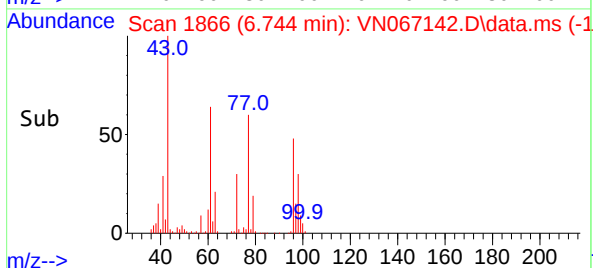
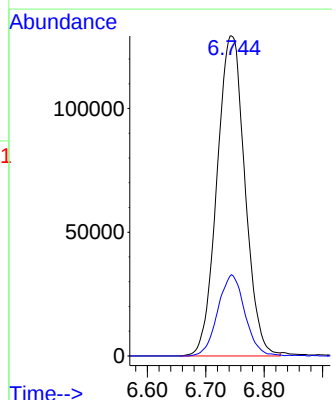
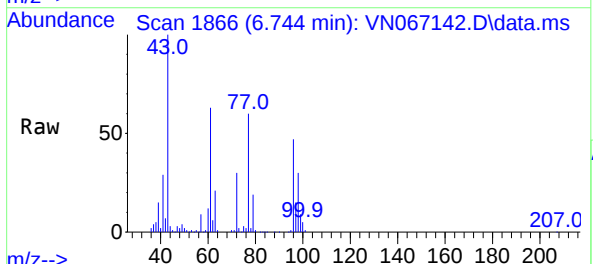
Manual Integrations
APPROVED

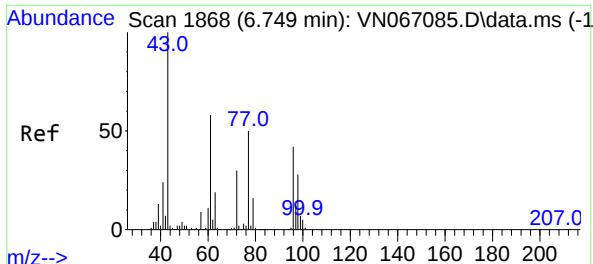
SAM
5/20/2021 6:03:47 PM



#26
2,2-Dichloropropane
Concen: 47.56 ug/l
RT: 6.744 min Scan# 1866
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

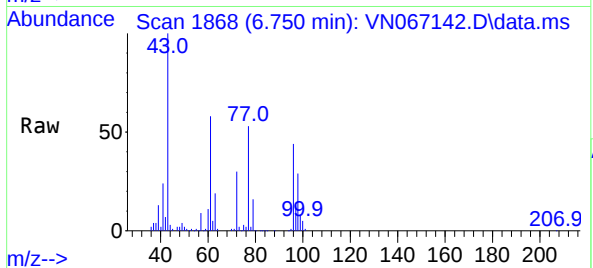
Tgt Ion: 77 Resp: 430343
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.0





#27
 cis-1,2-Dichloroethene
 Concen: 48.45 ug/l
 RT: 6.750 min Scan# 1868
 Delta R.T. 0.001 min
 Lab File: VN067142.D
 Acq: 19 May 2021 11:03

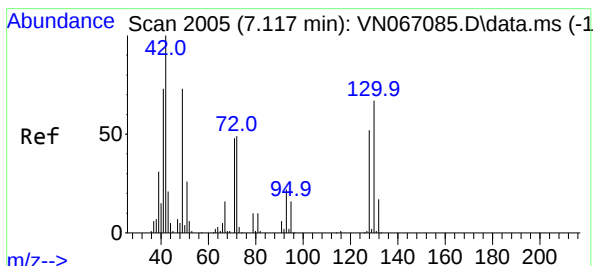
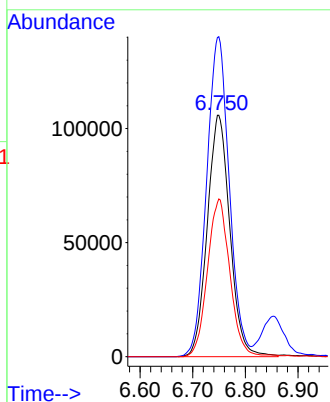
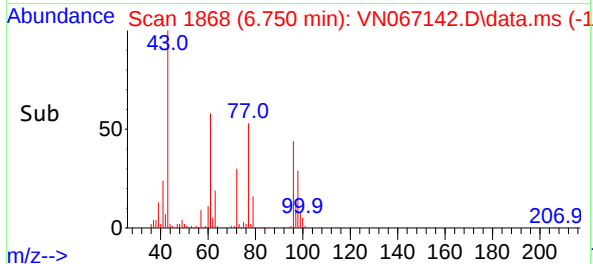
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



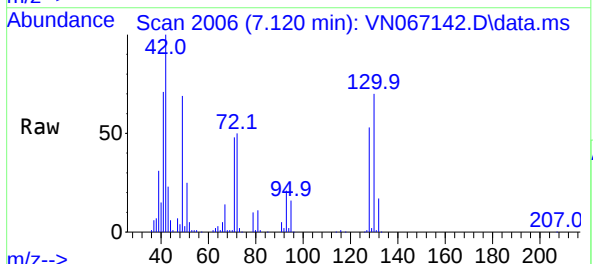
Tgt Ion: 96 Resp: 315716
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 272.4
 98 64.5 0.0 130.4

Manual Integrations
 APPROVED

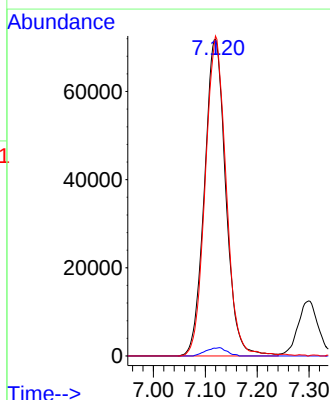
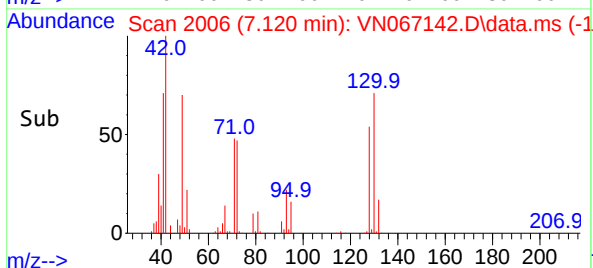
SAM
 5/20/2021 6:03:47 PM

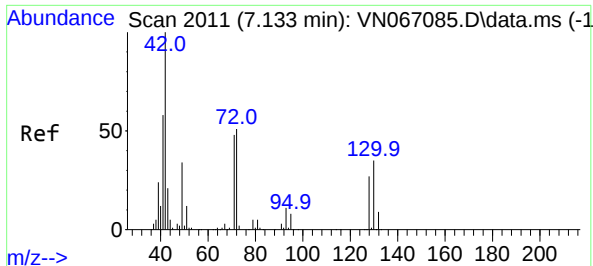


#28
 Bromochloromethane
 Concen: 50.16 ug/l
 RT: 7.120 min Scan# 2006
 Delta R.T. 0.003 min
 Lab File: VN067142.D
 Acq: 19 May 2021 11:03



Tgt Ion: 49 Resp: 204774
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 98.5 76.4 114.6





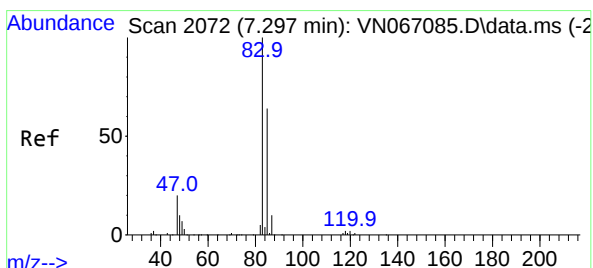
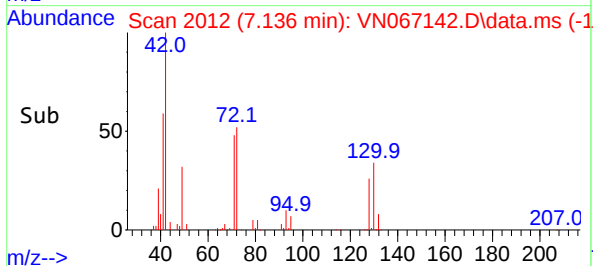
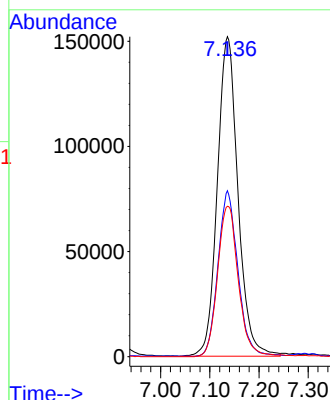
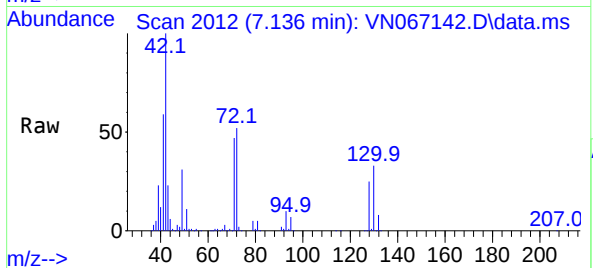
#29
Tetrahydrofuran
Concen: 250.87 ug/l
RT: 7.136 min Scan# 2012
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 42 Resp: 443081
Ion Ratio Lower Upper
42 100
72 49.8 40.1 60.1
71 47.3 37.9 56.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

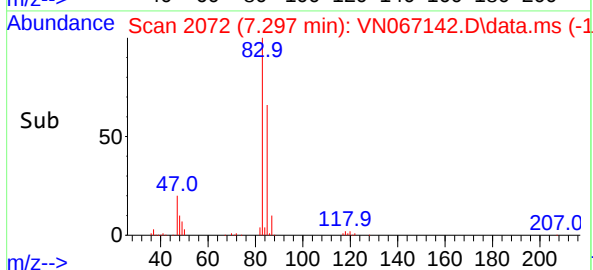
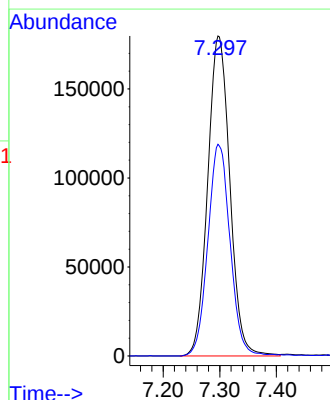
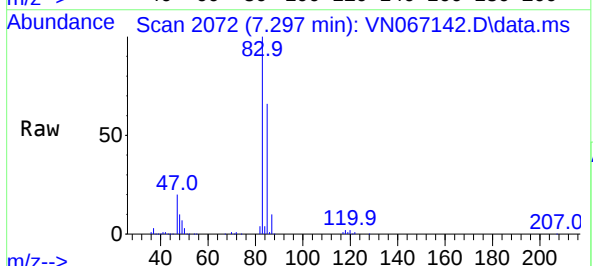
Manual Integrations
APPROVED

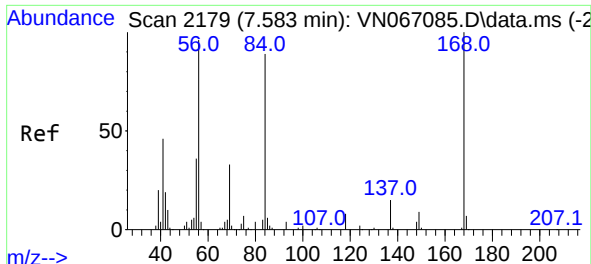
SAM
5/20/2021 6:03:47 PM



#30
Chloroform
Concen: 48.53 ug/l
RT: 7.297 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

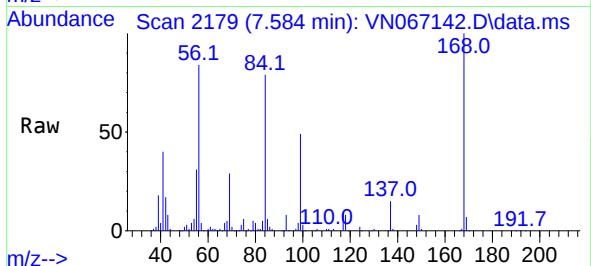
Tgt Ion: 83 Resp: 489002
Ion Ratio Lower Upper
83 100
85 66.2 51.2 76.8





#31
Cyclohexane
Concen: 44.62 ug/l
RT: 7.584 min Scan# 2179
Delta R.T. 0.001 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

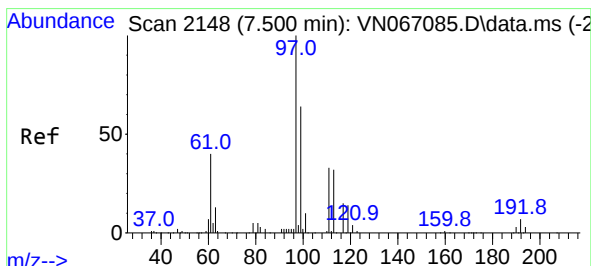
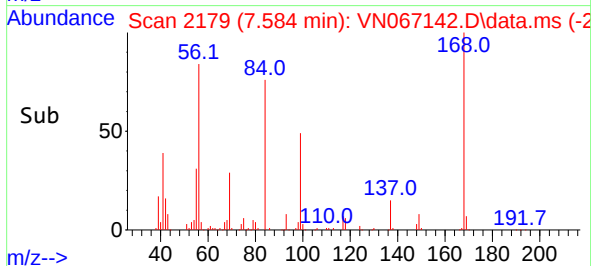
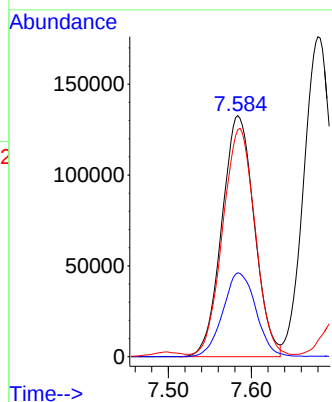
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



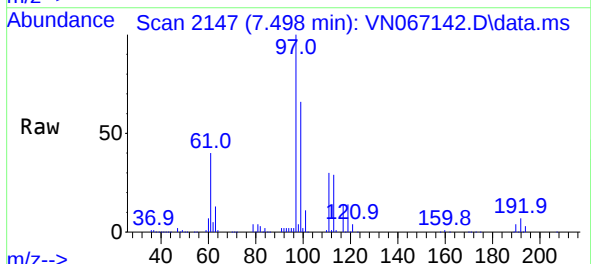
Tgt Ion: 56 Resp: 360754
Ion Ratio Lower Upper
56 100
69 34.7 28.0 42.0
84 92.7 74.2 111.2

Manual Integrations
APPROVED

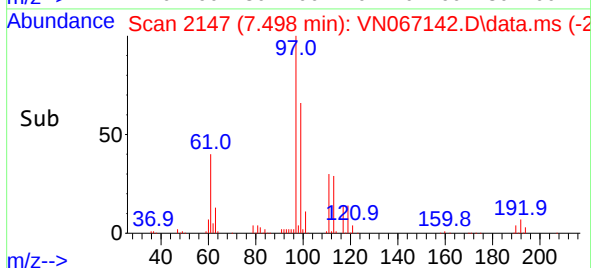
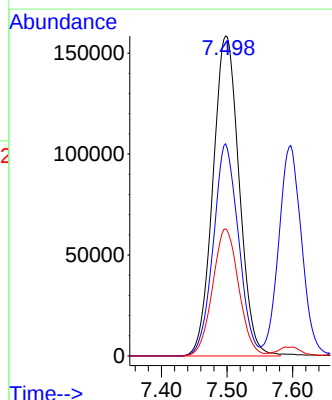
SAM
5/20/2021 6:03:47 PM

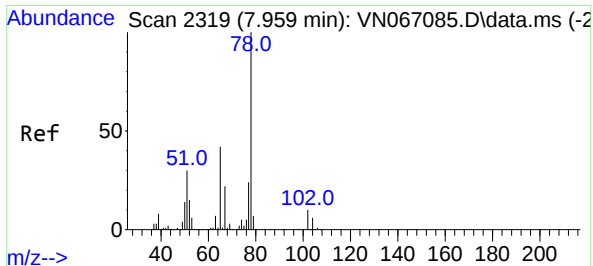


#32
1,1,1-Trichloroethane
Concen: 48.51 ug/l
RT: 7.498 min Scan# 2147
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion: 97 Resp: 440105
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 39.5 31.6 47.4





#33

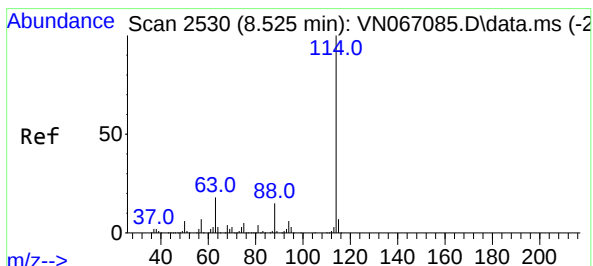
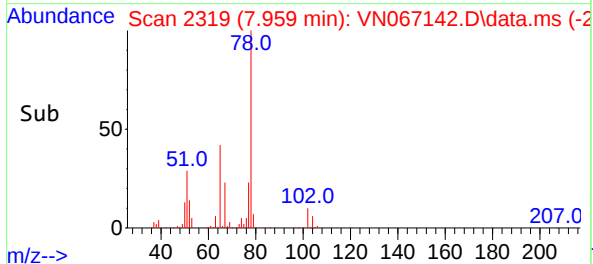
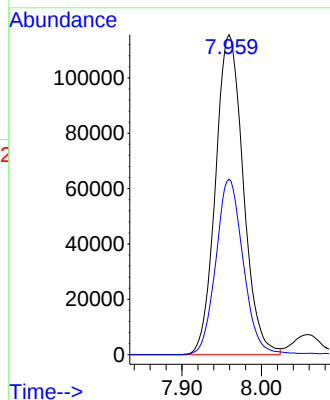
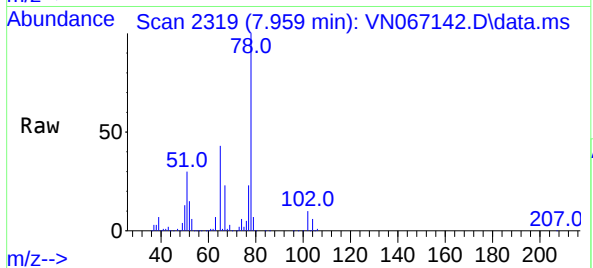
1,2-Dichloroethane-d4
Concen: 47.76 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 65 Resp: 280310
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

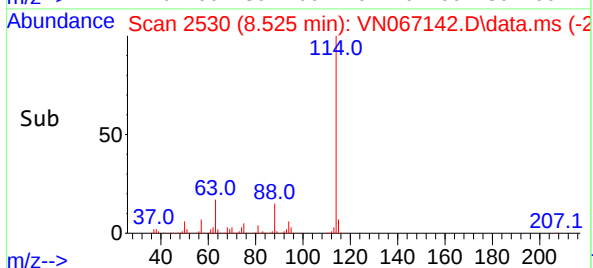
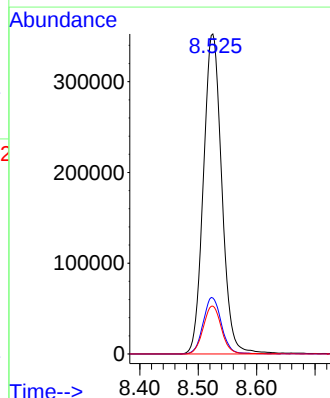
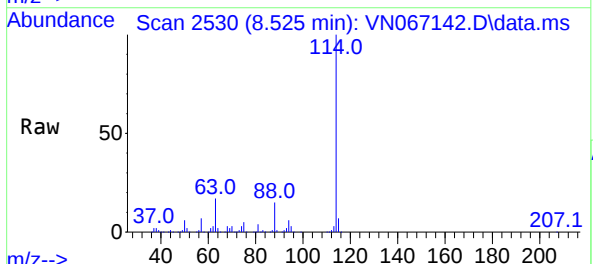
SAM
5/20/2021 6:03:47 PM

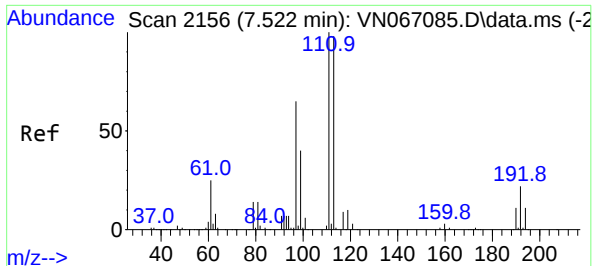


#34

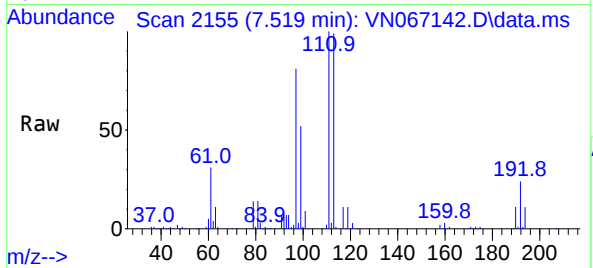
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 114 Resp: 770878
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.8
88 15.0 0.0 30.4

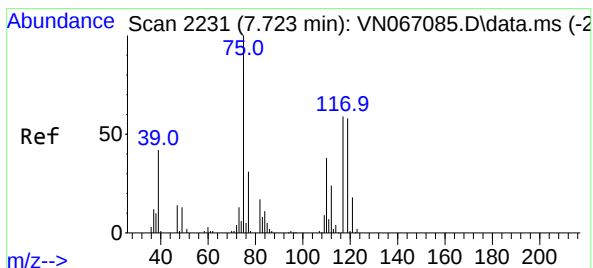
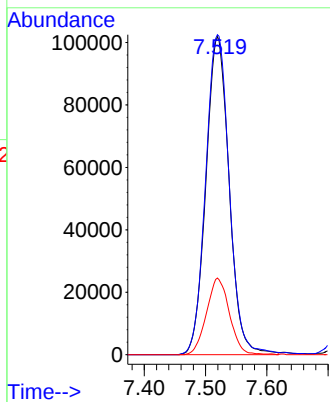
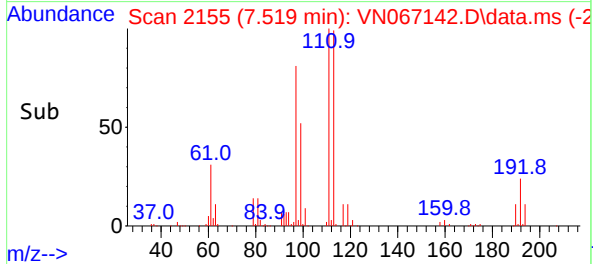




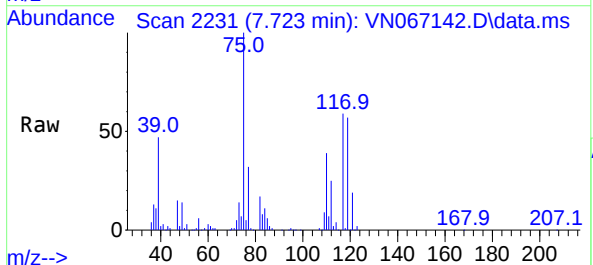
#35
Dibromofluoromethane
Concen: 52.97 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



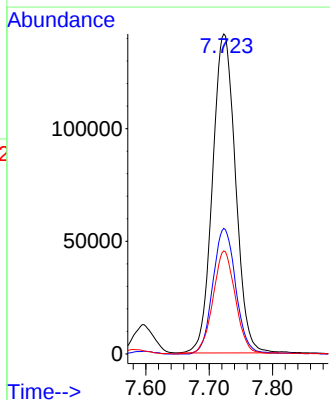
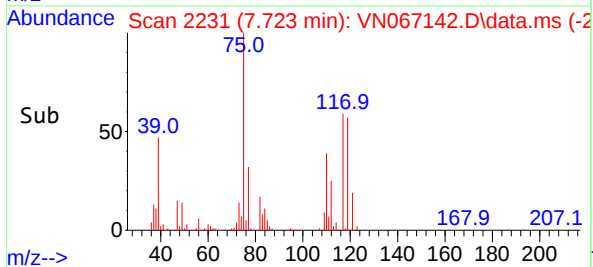
Tgt Ion: 113 Resp: 268149
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 23.8 18.2 27.4



#36
1,1-Dichloropropene
Concen: 50.74 ug/l
RT: 7.723 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



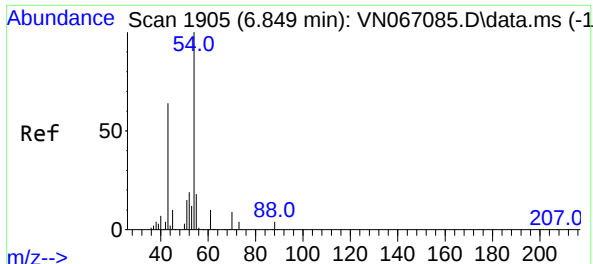
Tgt Ion: 75 Resp: 356825
Ion Ratio Lower Upper
75 100
110 39.4 19.1 57.3
77 31.7 24.8 37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

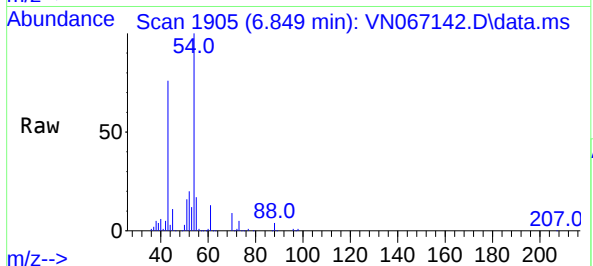
Manual Integrations
APPROVED

SAM
5/20/2021 6:03:47 PM



#37
Ethyl Acetate
Concen: 50.41 ug/l
RT: 6.849 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

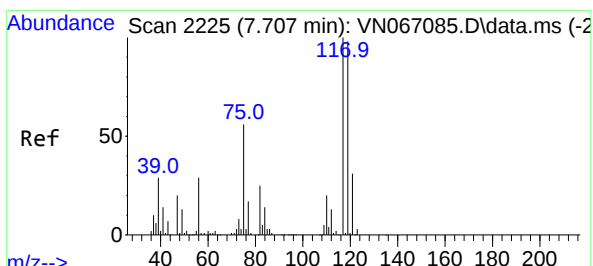
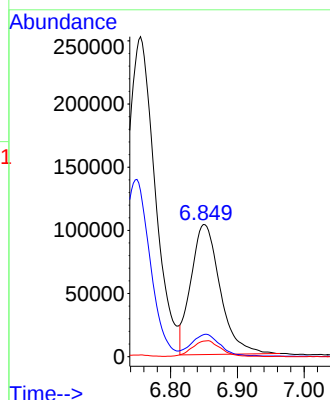
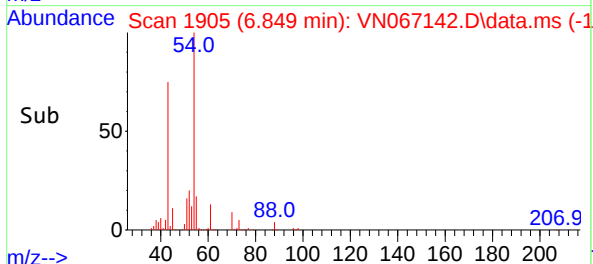
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



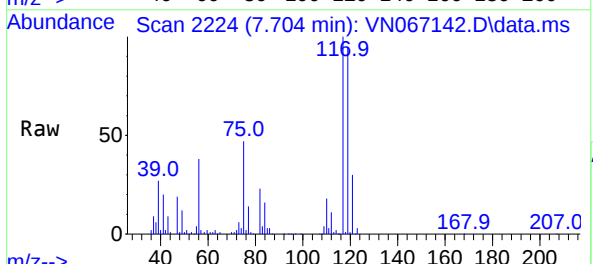
Tgt Ion:	43	Resp:	313102
Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.0	19.4
70	11.5	9.2	13.8

Manual Integrations
APPROVED

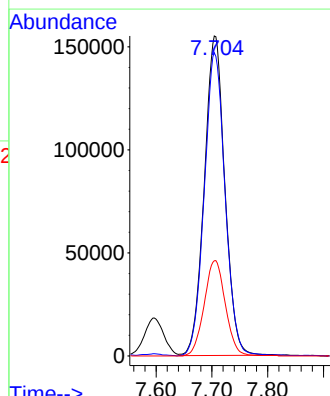
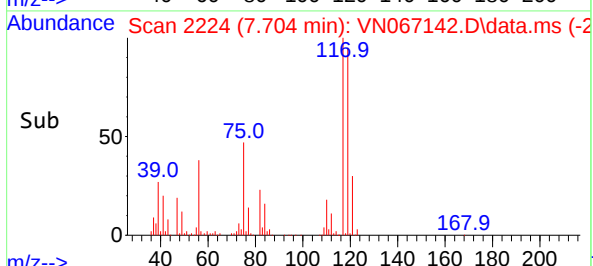
SAM
5/20/2021 6:03:47 PM

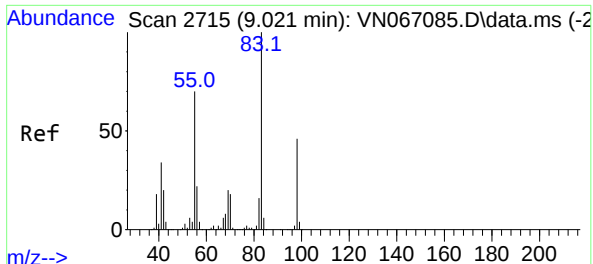


#38
Carbon Tetrachloride
Concen: 53.04 ug/l
RT: 7.704 min Scan# 2224
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion:	117	Resp:	397089
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.2
121	29.8	24.7	37.1





#39

Methylcyclohexane

Concen: 50.52 ug/l

RT: 9.021 min Scan# 2715

Delta R.T. 0.000 min

Lab File: VN067142.D

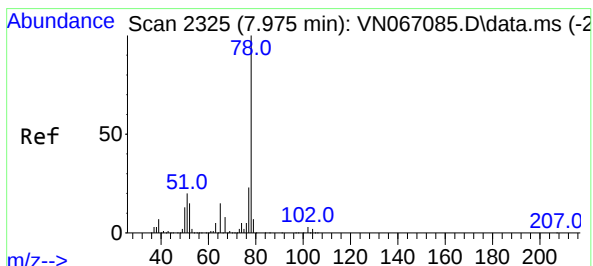
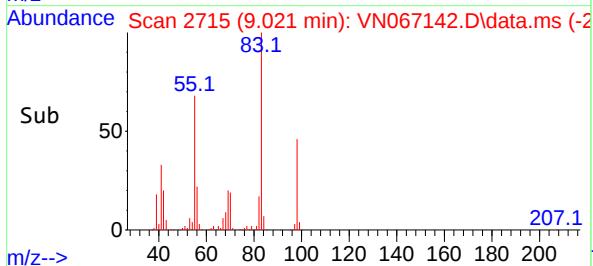
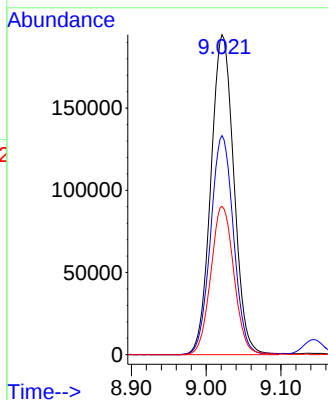
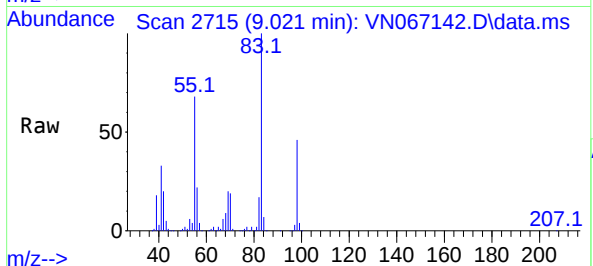
Acq: 19 May 2021 11:03

Tgt Ion:	83	Resp:	415945
Ion	Ratio	Lower	Upper
83	100		
55	68.4	56.2	84.2
98	46.4	36.8	55.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
5/20/2021 6:03:47 PM



#40

Benzene

Concen: 51.36 ug/l

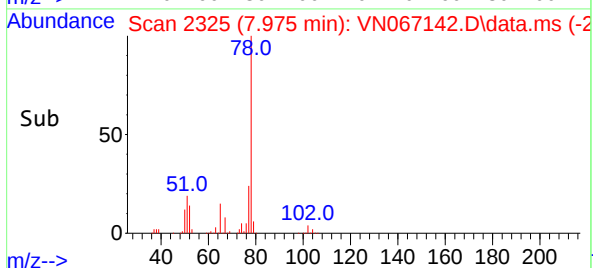
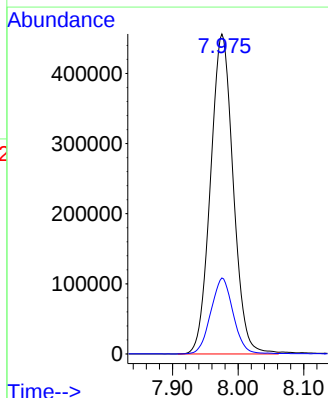
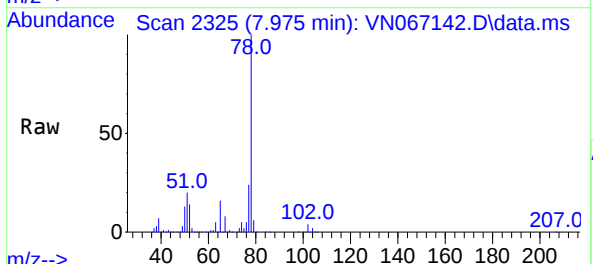
RT: 7.975 min Scan# 2325

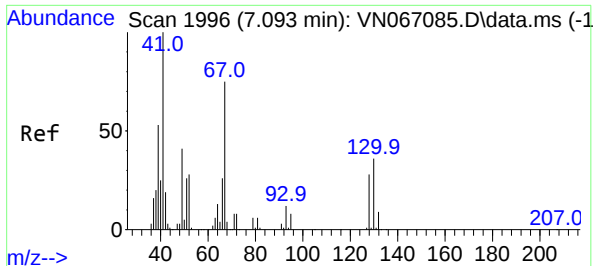
Delta R.T. 0.000 min

Lab File: VN067142.D

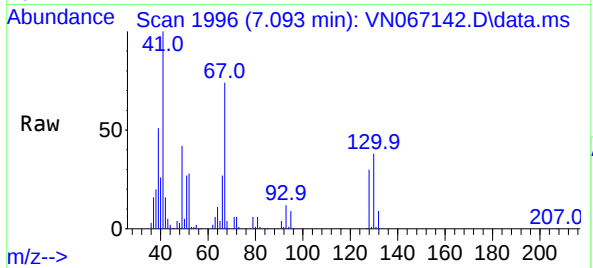
Acq: 19 May 2021 11:03

Tgt Ion:	78	Resp:	1097041
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.4	27.6

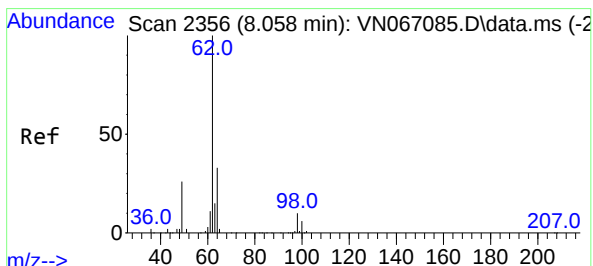
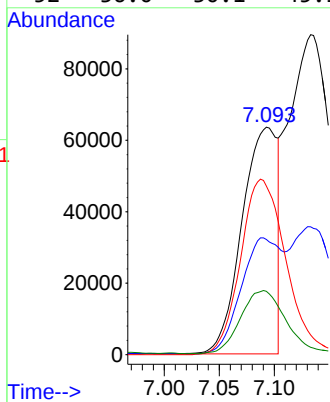
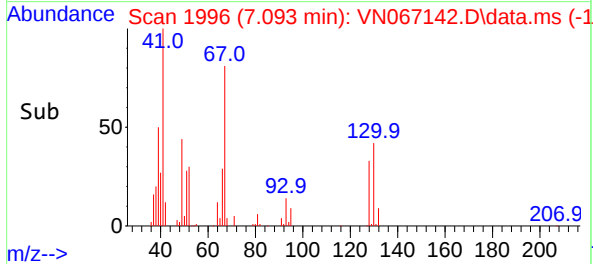




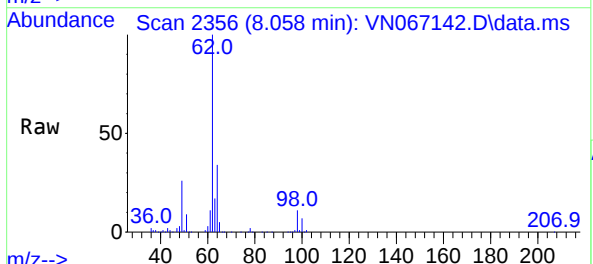
#41
Methacrylonitrile
Concen: 56.32 ug/l
RT: 7.093 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



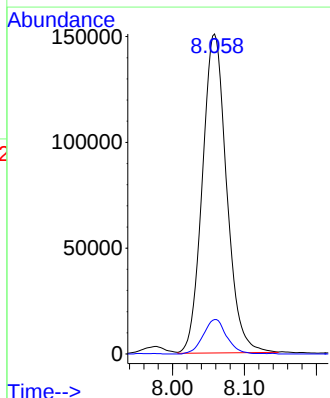
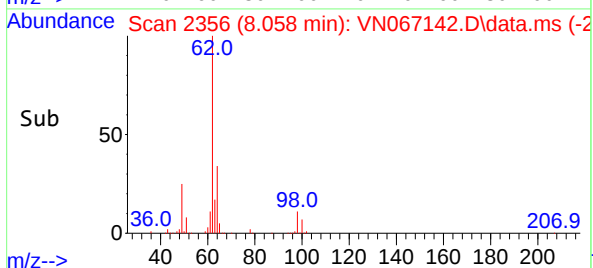
Tgt Ion: 41 Resp: 141198
Ion Ratio Lower Upper
41 100
39 58.4 45.3 67.9
67 101.1 85.1 127.7
52 36.0 30.1 45.1



#42
1,2-Dichloroethane
Concen: 51.54 ug/l
RT: 8.058 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



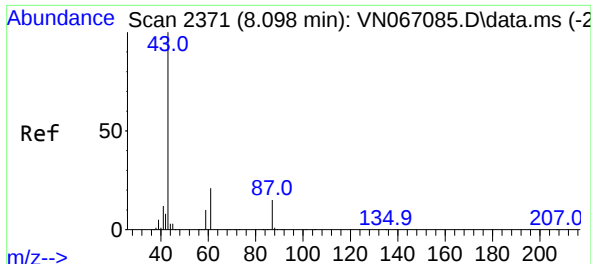
Tgt Ion: 62 Resp: 354007
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2



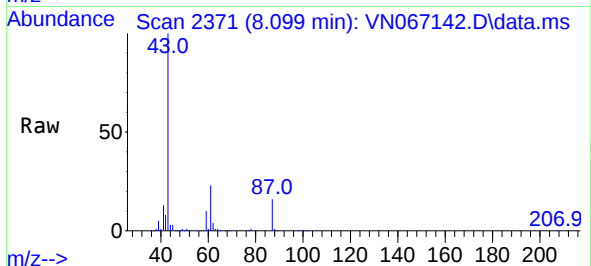
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

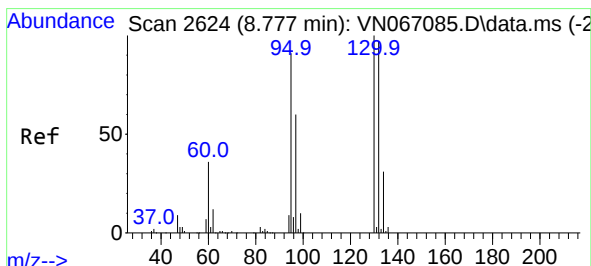
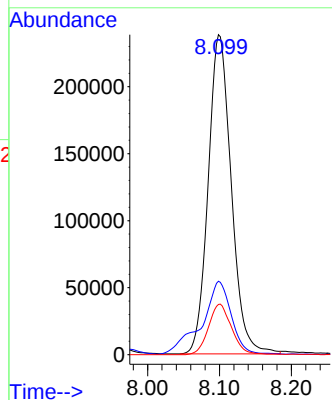
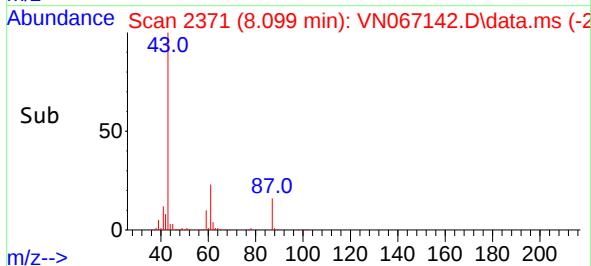
SAM
5/20/2021 6:03:47 PM



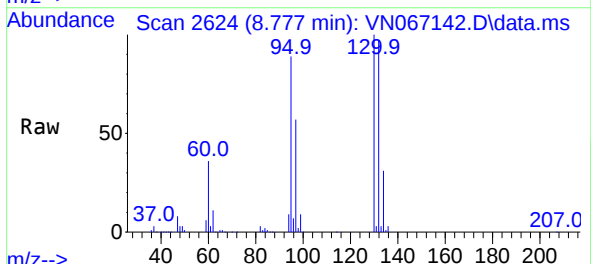
#43
Isopropyl Acetate
Concen: 51.68 ug/l
RT: 8.099 min Scan# 2371
Delta R.T. 0.001 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



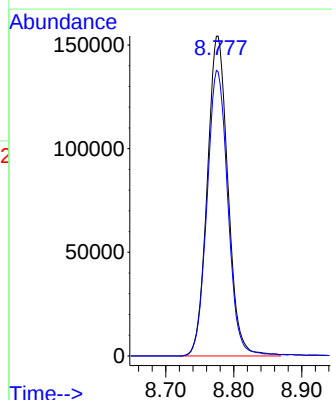
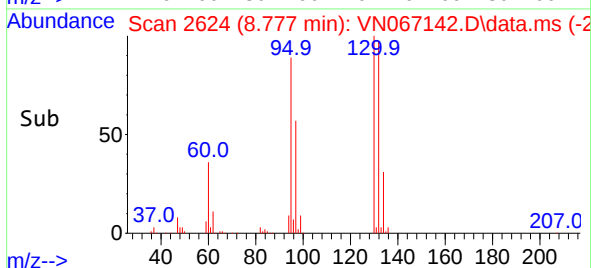
Tgt Ion: 43 Resp: 532707
Ion Ratio Lower Upper
43 100
61 29.0 23.4 35.0
87 15.8 12.2 18.2



#44
Trichloroethene
Concen: 53.75 ug/l
RT: 8.777 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



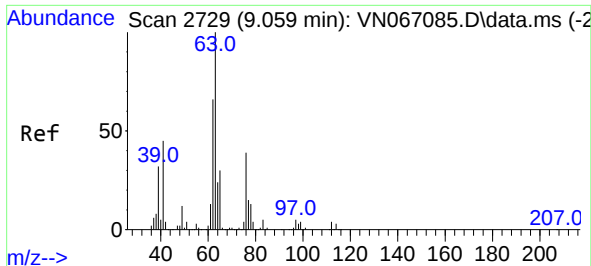
Tgt Ion: 130 Resp: 326354
Ion Ratio Lower Upper
130 100
95 88.8 0.0 182.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
5/20/2021 6:03:47 PM



#45

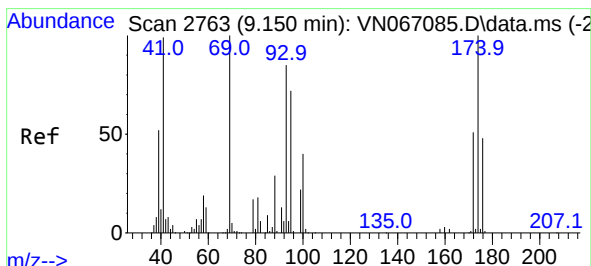
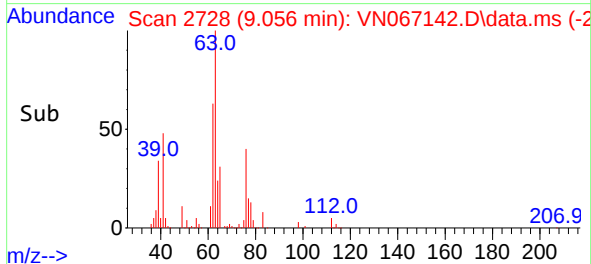
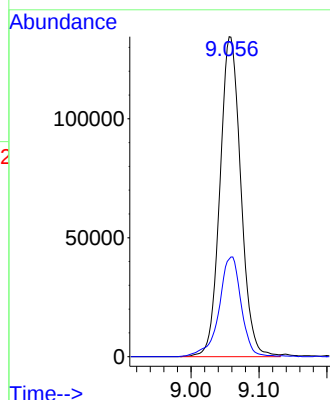
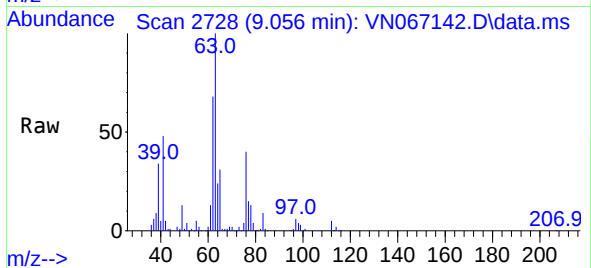
1,2-Dichloropropane
Concen: 51.39 ug/l
RT: 9.056 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 63 Resp: 287005
Ion Ratio Lower Upper
63 100
65 30.4 23.9 35.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

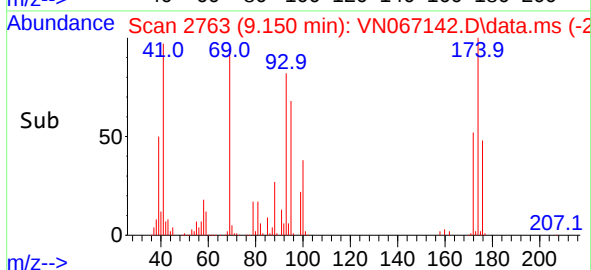
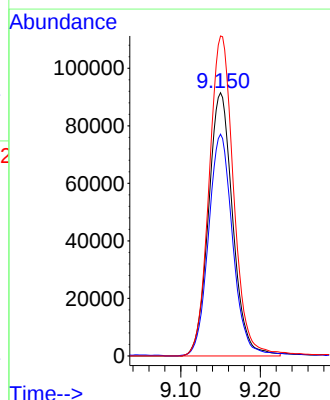
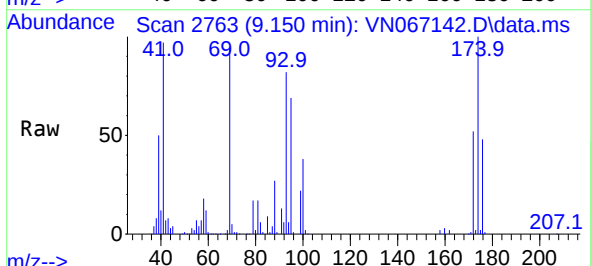
SAM
5/20/2021 6:03:47 PM

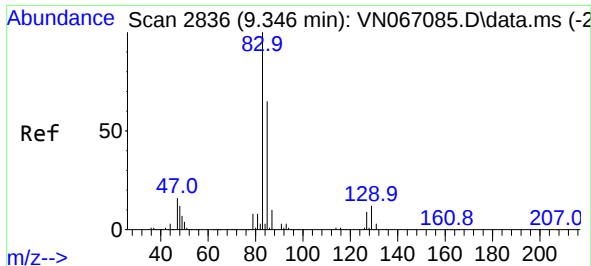


#46

Dibromomethane
Concen: 52.12 ug/l
RT: 9.150 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

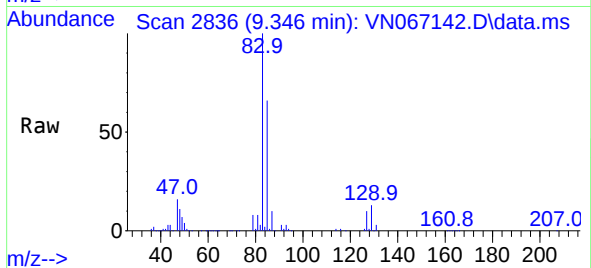
Tgt Ion: 93 Resp: 194238
Ion Ratio Lower Upper
93 100
95 84.7 67.8 101.6
174 123.5 93.4 140.0





#47
Bromodichloromethane
Concen: 51.38 ug/l
RT: 9.346 min Scan# 2836
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

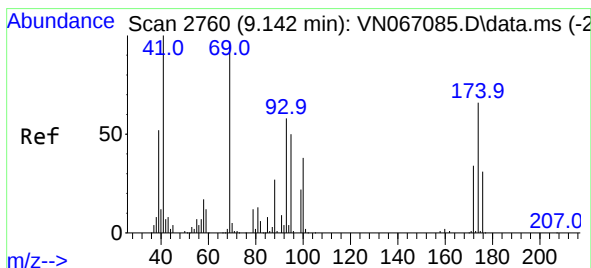
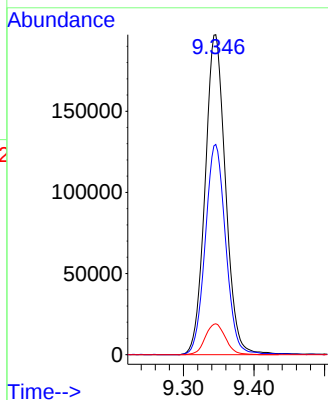
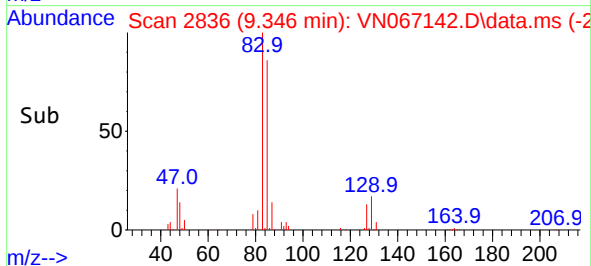
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



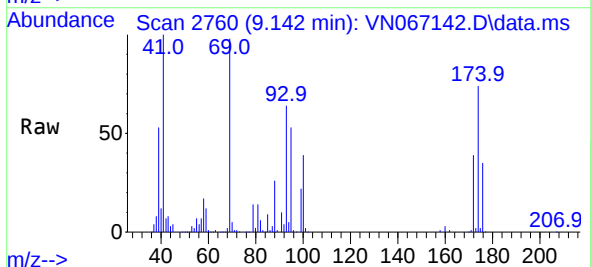
Tgt Ion: 83 Resp: 396861
Ion Ratio Lower Upper
83 100
85 65.7 51.7 77.5
127 9.7 7.4 11.0

Manual Integrations
APPROVED

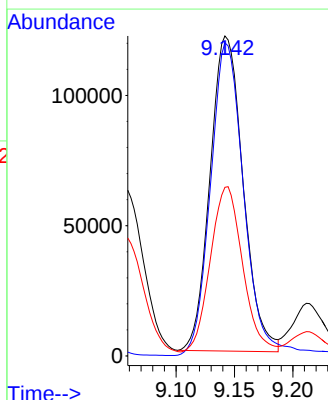
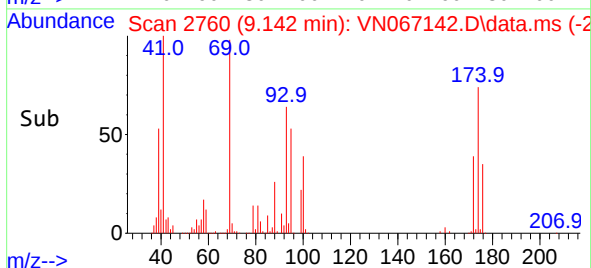
SAM
5/20/2021 6:03:47 PM

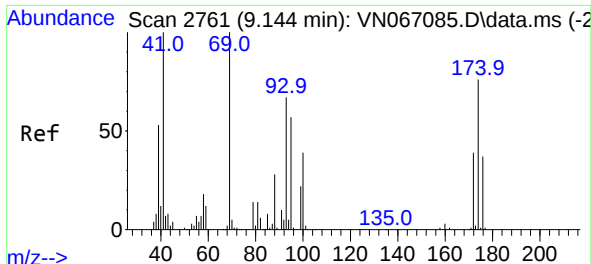


#48
Methyl methacrylate
Concen: 48.09 ug/l
RT: 9.142 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion: 41 Resp: 237862
Ion Ratio Lower Upper
41 100
69 102.4 80.5 120.7
39 51.6 41.4 62.0





#49

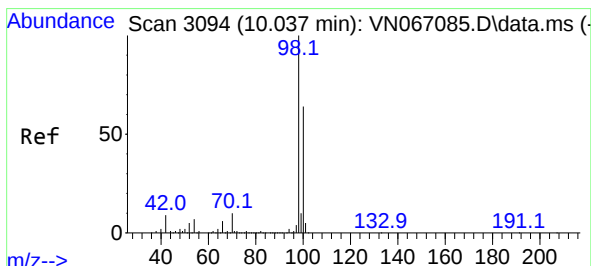
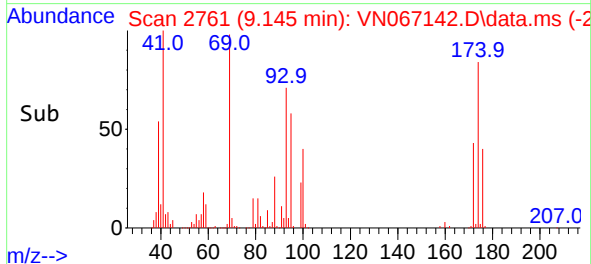
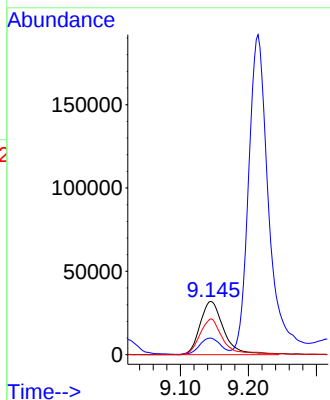
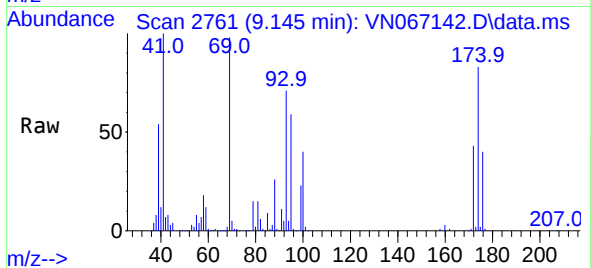
1,4-Dioxane
Concen: 1055.70 ug/l
RT: 9.145 min Scan# 2761
Delta R.T. 0.001 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 88 Resp: 77440
Ion Ratio Lower Upper
88 100
43 27.2 21.8 32.8
58 62.0 50.8 76.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

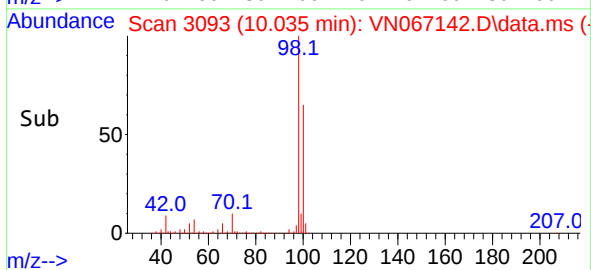
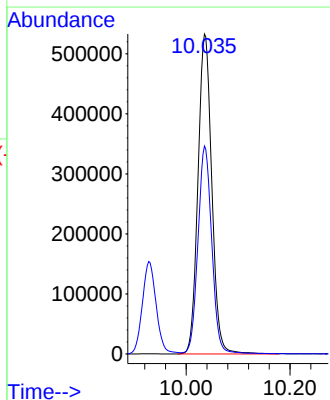
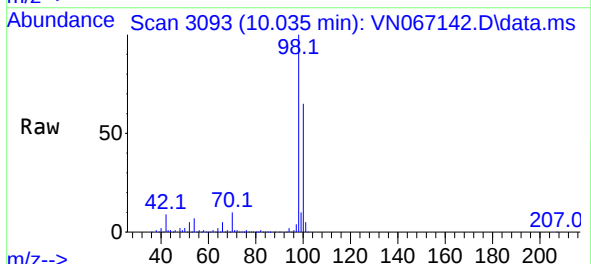
SAM
5/20/2021 6:03:47 PM

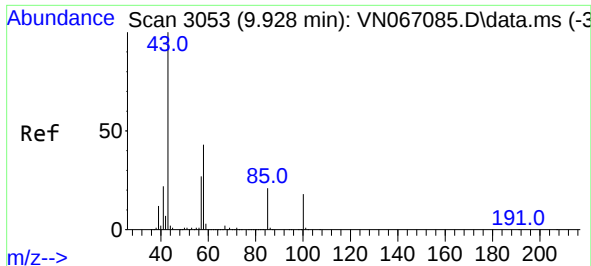


#50

Toluene-d8
Concen: 51.34 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

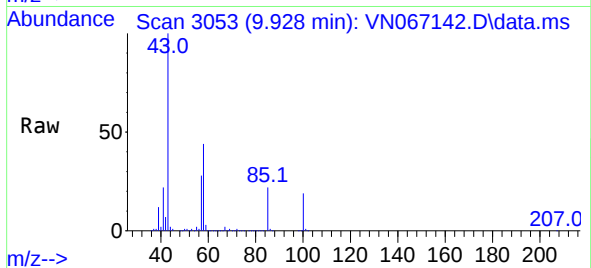
Tgt Ion: 98 Resp: 984969
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



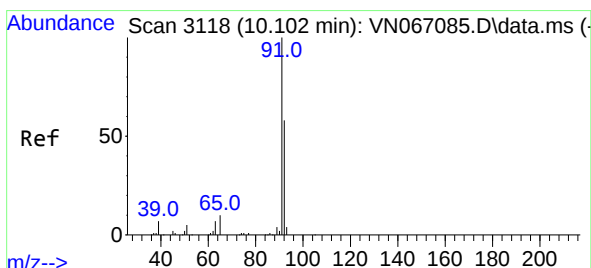
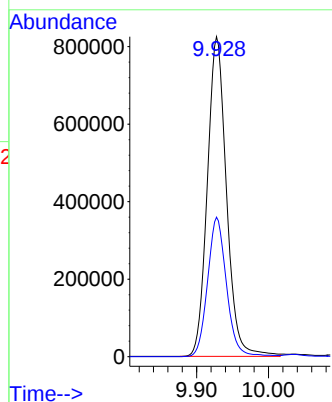
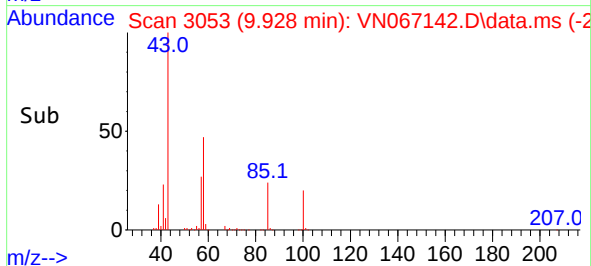


#51
4-Methyl-2-Pentanone
Concen: 246.73 ug/l
RT: 9.928 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

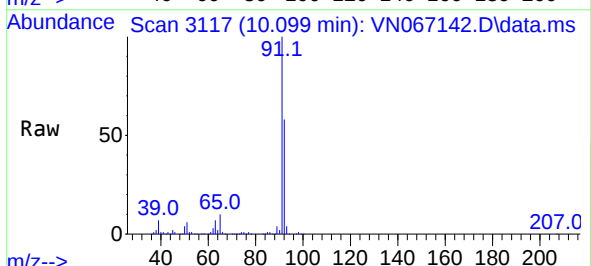
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



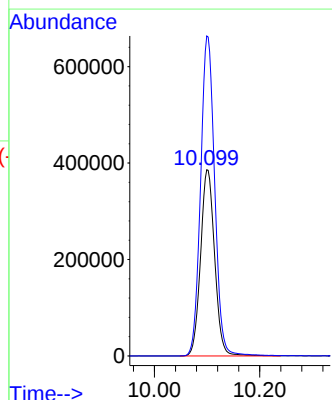
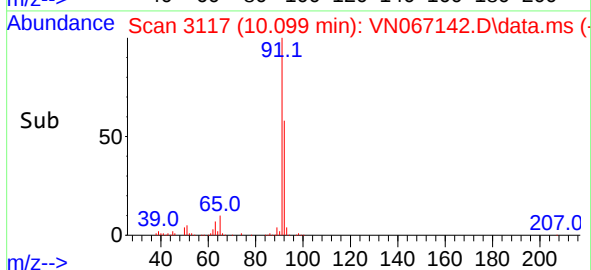
Tgt Ion: 43 Resp: 1528425
Ion Ratio Lower Upper
43 100
58 43.2 34.5 51.7

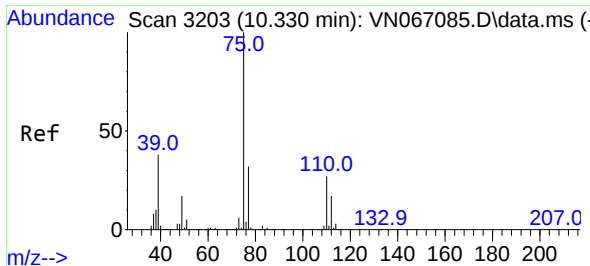


#52
Toluene
Concen: 51.86 ug/l
RT: 10.099 min Scan# 3117
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



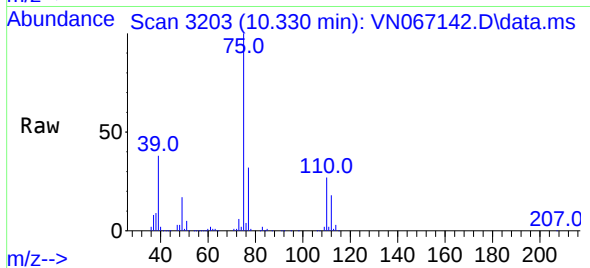
Tgt Ion: 92 Resp: 715546
Ion Ratio Lower Upper
92 100
91 172.2 138.7 208.1





#53
 t-1,3-Dichloropropene
 Concen: 52.70 ug/l
 RT: 10.330 min Scan# 3203
 Delta R.T. -0.000 min
 Lab File: VN067142.D
 Acq: 19 May 2021 11:03

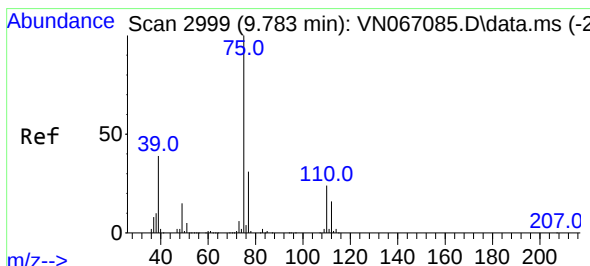
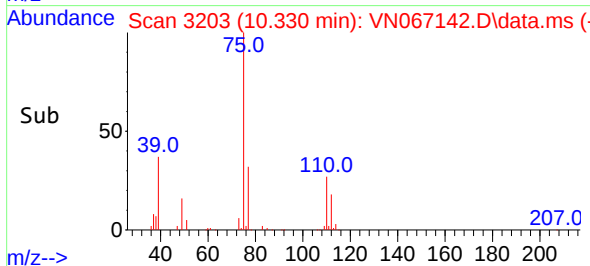
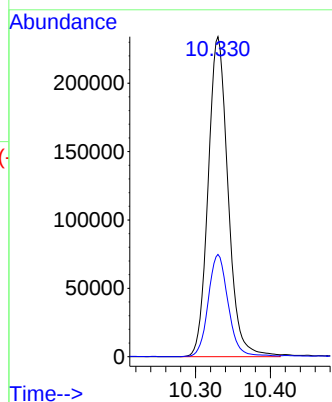
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



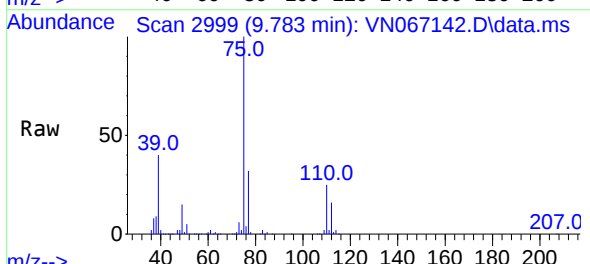
Tgt Ion: 75 Resp: 433941
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3

Manual Integrations
 APPROVED

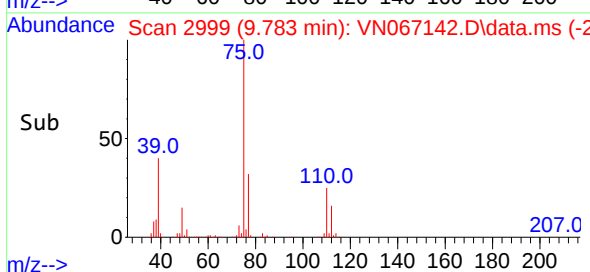
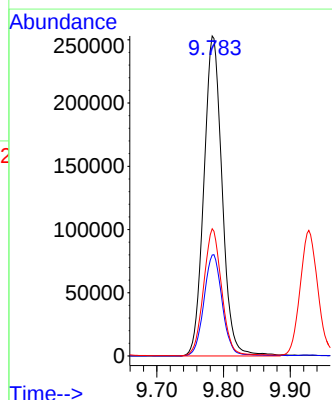
SAM
 5/20/2021 6:03:47 PM

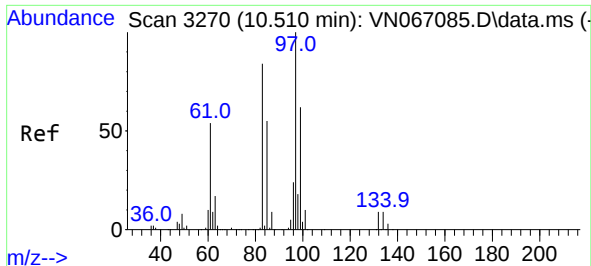


#54
 cis-1,3-Dichloropropene
 Concen: 51.92 ug/l
 RT: 9.783 min Scan# 2999
 Delta R.T. -0.000 min
 Lab File: VN067142.D
 Acq: 19 May 2021 11:03

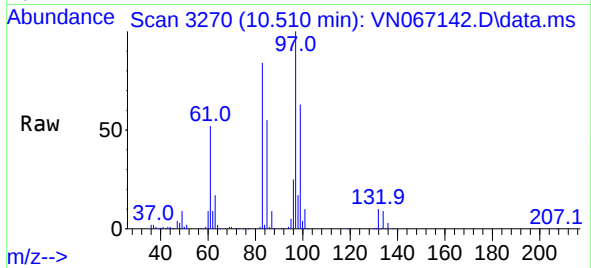


Tgt Ion: 75 Resp: 480516
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7
 39 39.7 30.9 46.3



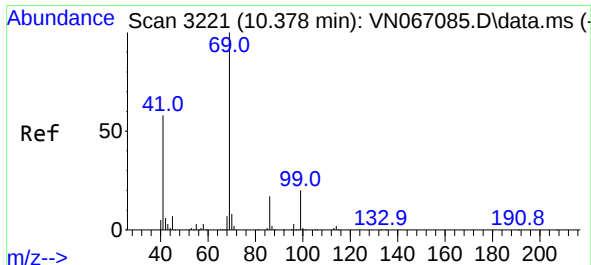
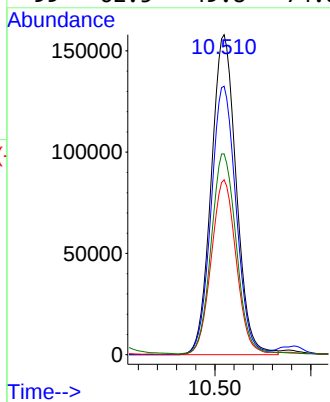
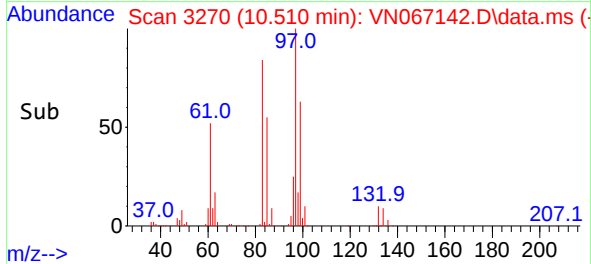


#55
1,1,2-Trichloroethane
Concen: 52.24 ug/l
RT: 10.510 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

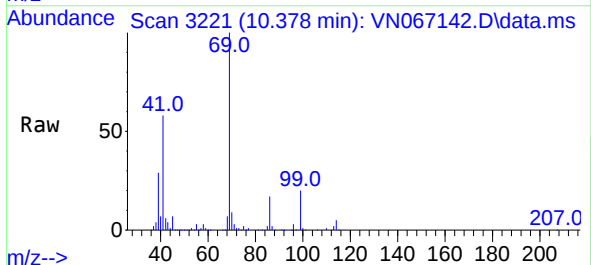


Tgt Ion: 97 Resp: 286294

Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.3	100.9
85	54.5	44.2	66.4
99	62.5	49.8	74.8

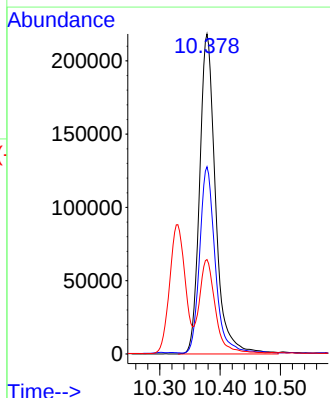
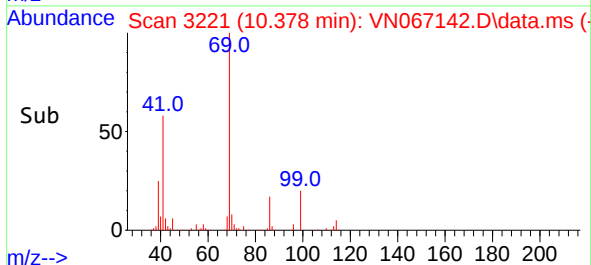


#56
Ethyl methacrylate
Concen: 47.77 ug/l
RT: 10.378 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion: 69 Resp: 402027

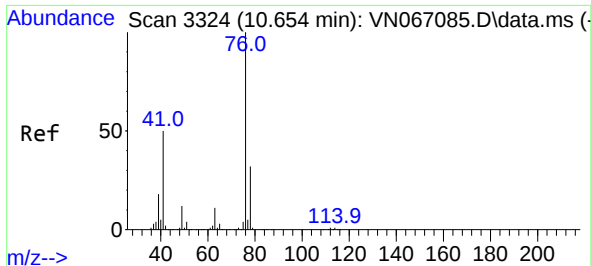
Ion	Ratio	Lower	Upper
69	100		
41	56.6	45.5	68.3
39	28.7	22.9	34.3



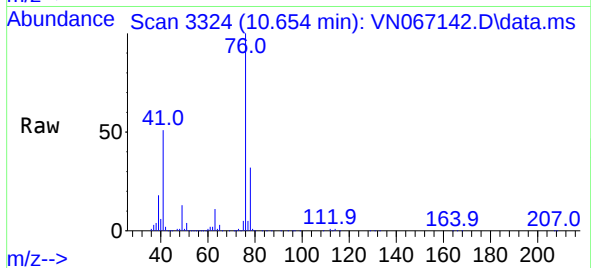
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

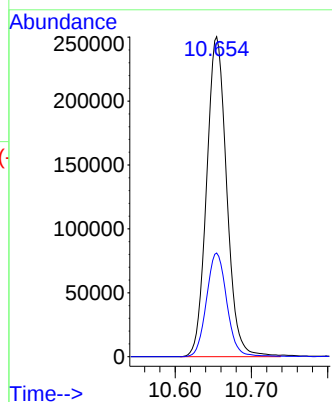
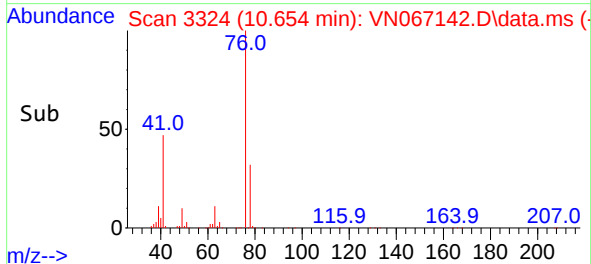
SAM
5/20/2021 6:03:47 PM



#57
1,3-Dichloropropane
Concen: 52.31 ug/l
RT: 10.654 min Scan# 3324
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



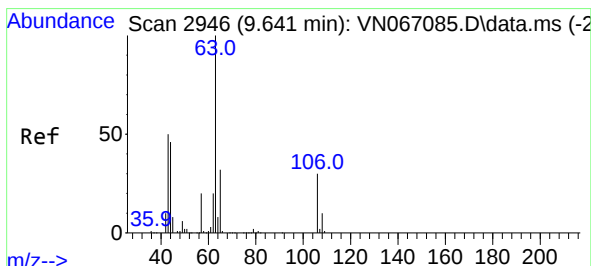
Tgt Ion: 76 Resp: 458339
Ion Ratio Lower Upper
76 100
78 32.9 26.3 39.5



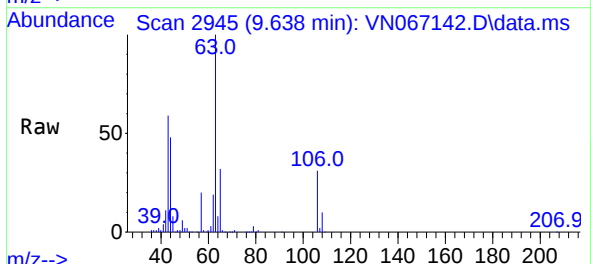
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

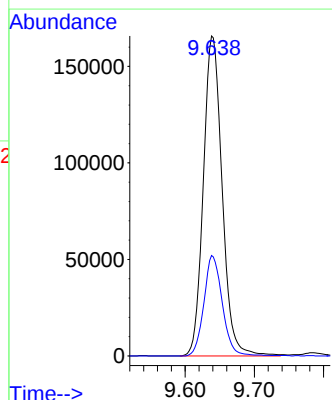
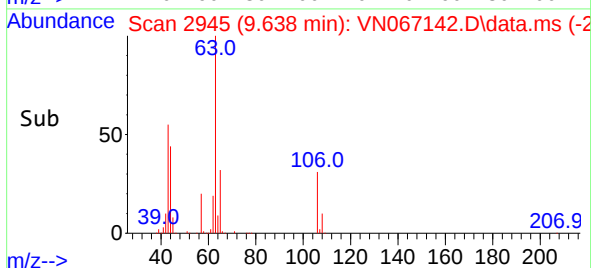
SAM
5/20/2021 6:03:47 PM

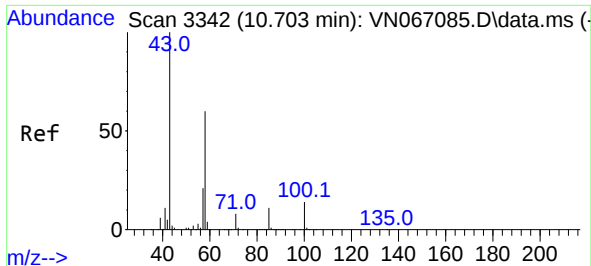


#58
2-Chloroethyl Vinyl ether
Concen: 259.16 ug/l
RT: 9.638 min Scan# 2945
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion: 63 Resp: 312901
Ion Ratio Lower Upper
63 100
106 30.7 23.9 35.9





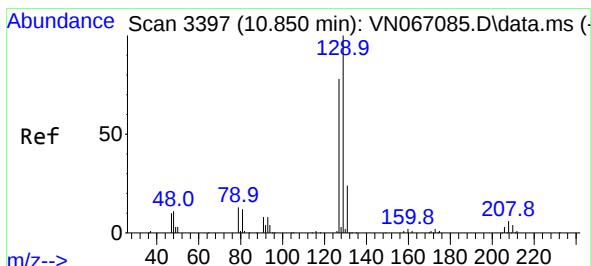
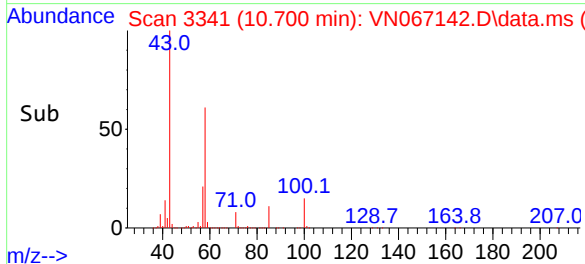
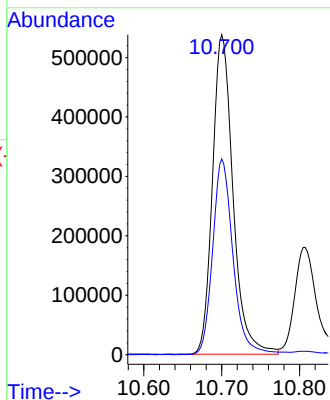
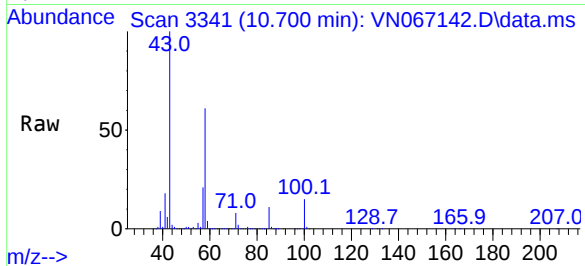
#59
2-Hexanone
Concen: 246.43 ug/l
RT: 10.700 min Scan# 3341
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 43 Resp: 984092
Ion Ratio Lower Upper
43 100
58 61.0 29.8 89.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

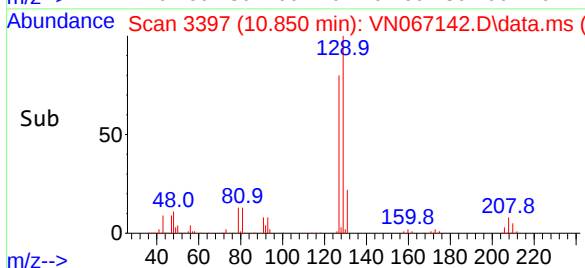
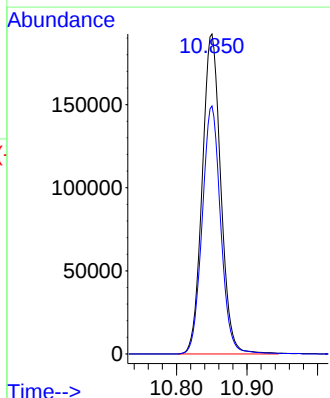
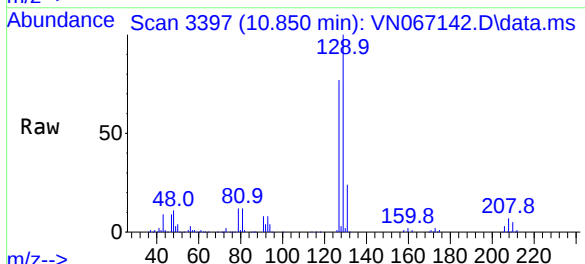
Manual Integrations
APPROVED

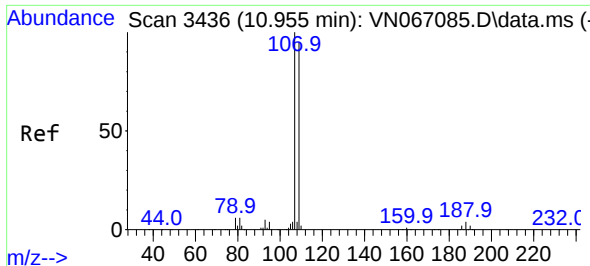
SAM
5/20/2021 6:03:47 PM



#60
Dibromochloromethane
Concen: 54.46 ug/l
RT: 10.850 min Scan# 3397
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

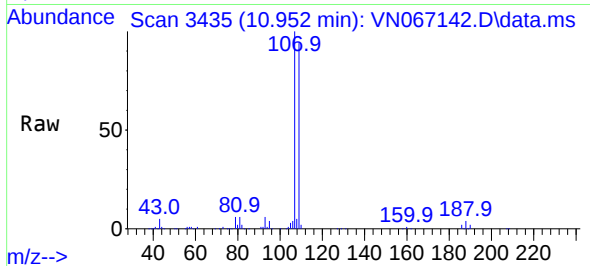
Tgt Ion:129 Resp: 351543
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 52.81 ug/l
RT: 10.952 min Scan# 3435
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

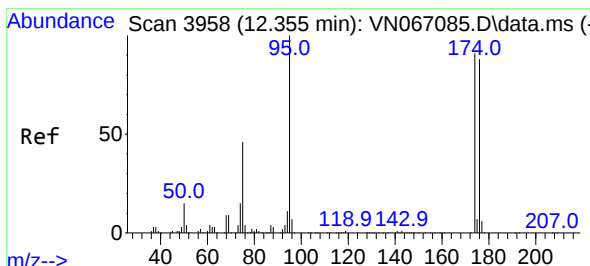
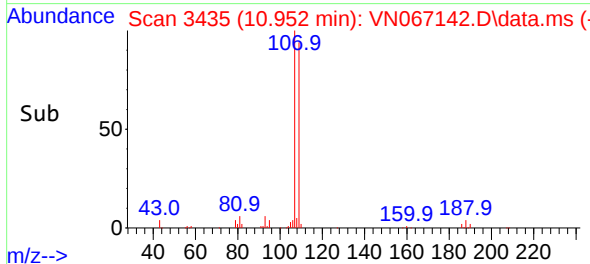
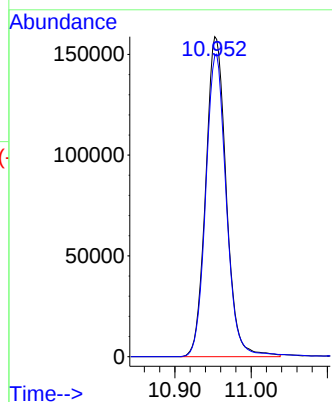
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



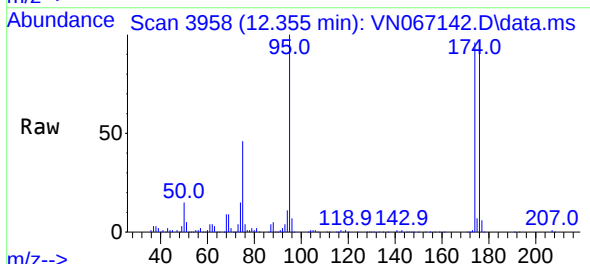
Tgt Ion:107 Resp: 296939
Ion Ratio Lower Upper
107 100
109 94.6 75.8 113.6

Manual Integrations
APPROVED

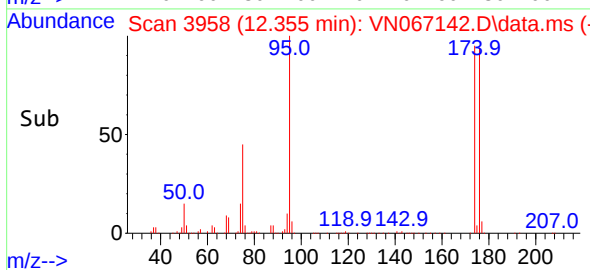
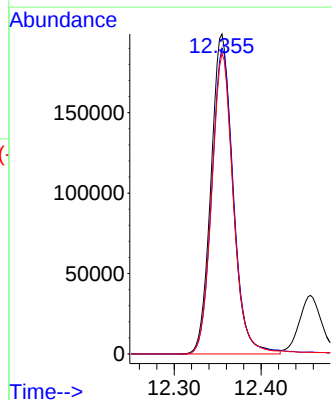
SAM
5/20/2021 6:03:47 PM

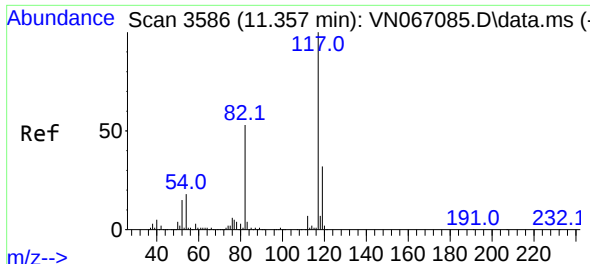


#62
4-Bromofluorobenzene
Concen: 54.10 ug/l
RT: 12.355 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



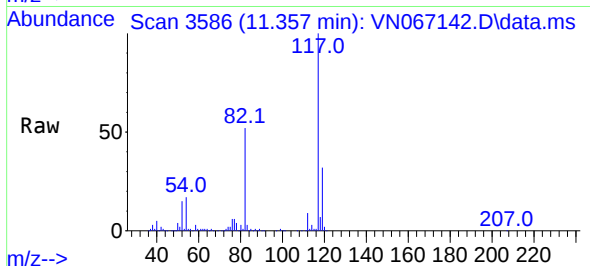
Tgt Ion: 95 Resp: 347656
Ion Ratio Lower Upper
95 100
174 95.8 0.0 182.8
176 93.4 0.0 176.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

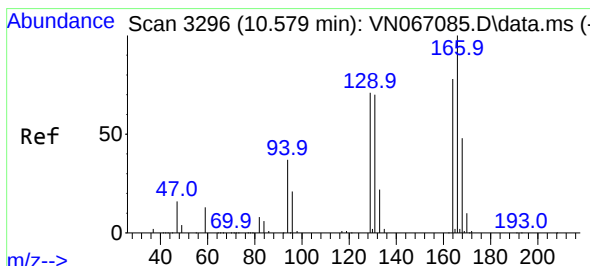
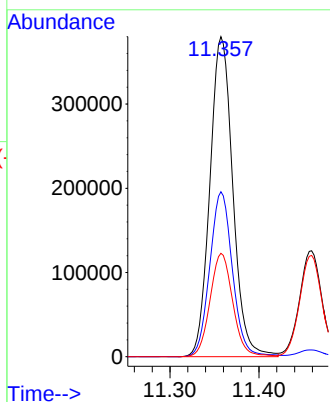
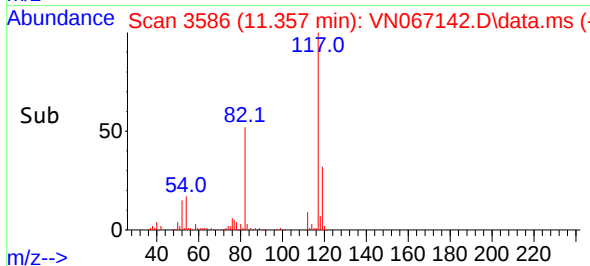
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



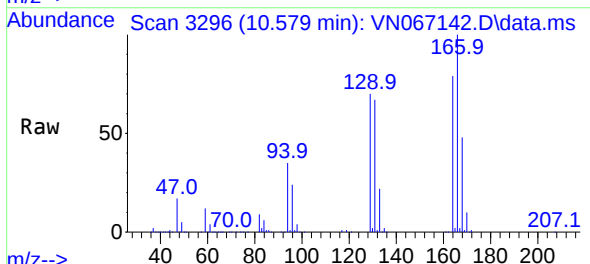
Tgt Ion:117 Resp: 680283
Ion Ratio Lower Upper
117 100
82 51.5 42.2 63.2
119 32.3 25.8 38.6

Manual Integrations
APPROVED

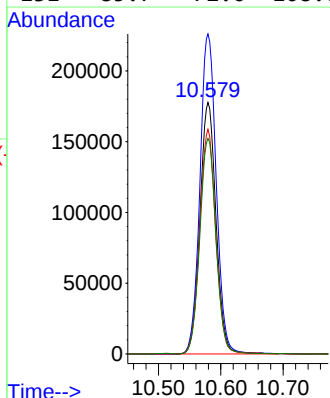
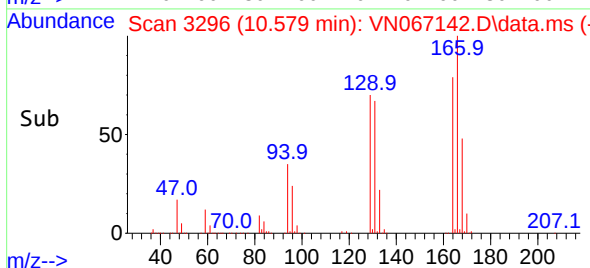
SAM
5/20/2021 6:03:47 PM

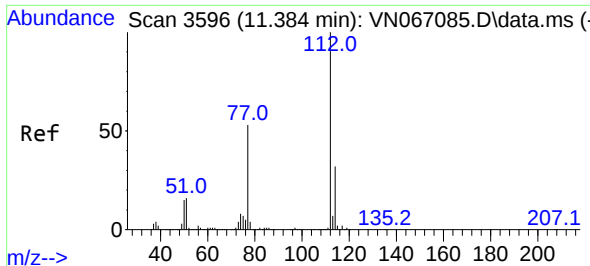


#64
Tetrachloroethene
Concen: 53.55 ug/l
RT: 10.579 min Scan# 3296
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



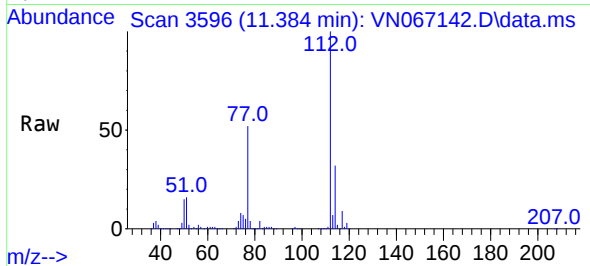
Tgt Ion:164 Resp: 319675
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 89.3 73.3 109.9
131 85.7 72.0 108.0





#65
Chlorobenzene
Concen: 52.77 ug/l
RT: 11.384 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

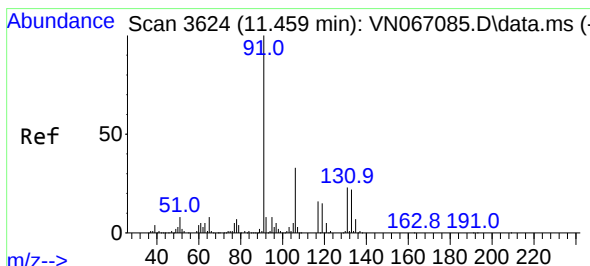
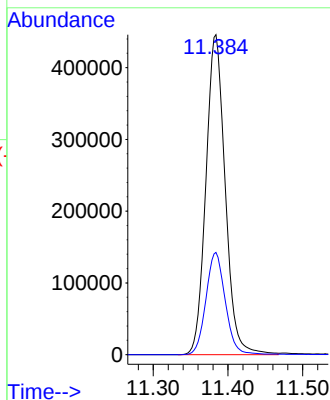
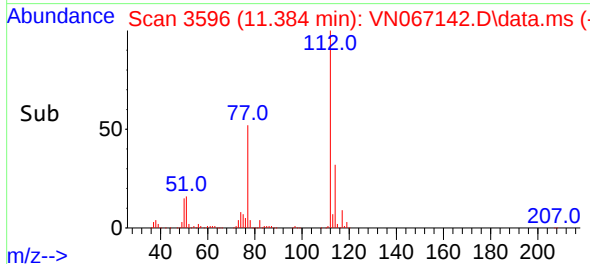
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



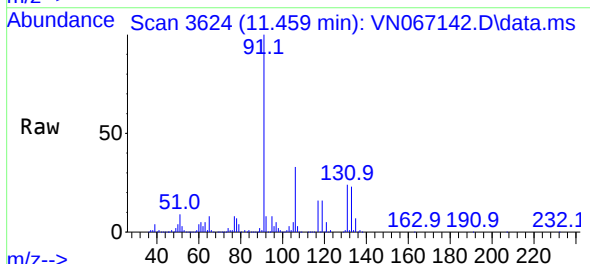
Tgt Ion:112 Resp: 800599
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

Manual Integrations
APPROVED

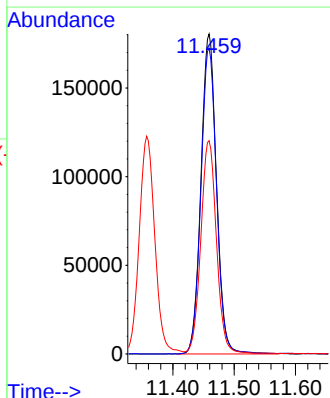
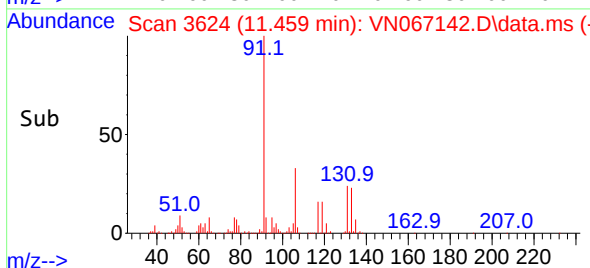
SAM
5/20/2021 6:03:47 PM

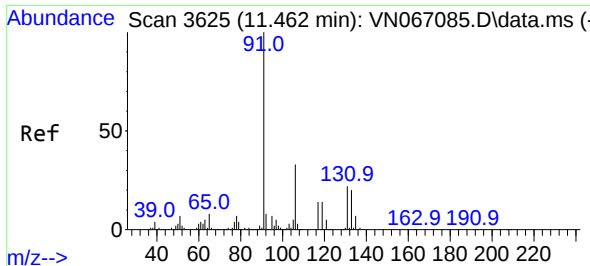


#66
1,1,1,2-Tetrachloroethane
Concen: 52.93 ug/l
RT: 11.459 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion:131 Resp: 318330
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 66.5 33.8 101.3





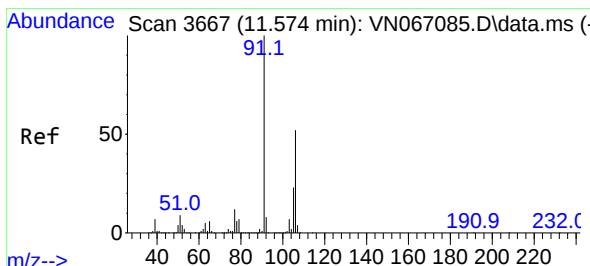
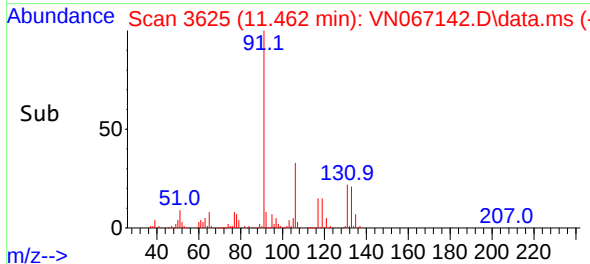
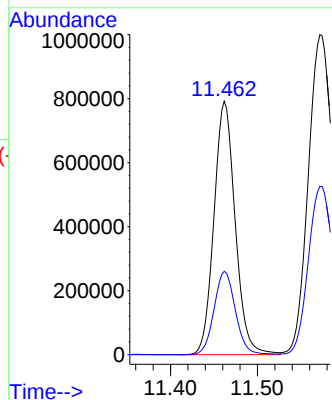
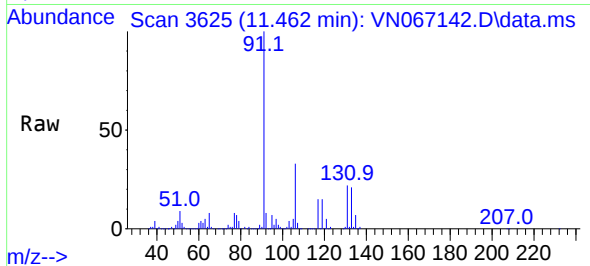
#67
Ethyl Benzene
Concen: 52.59 ug/l
RT: 11.462 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 91 Resp: 1343711
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

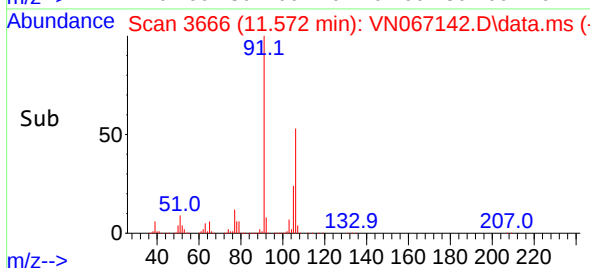
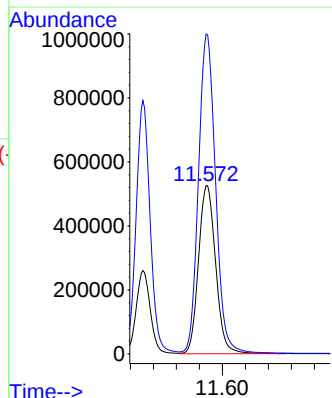
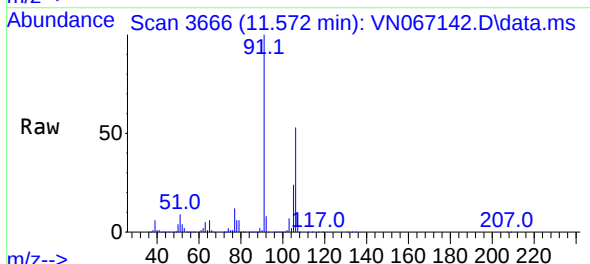
Manual Integrations
APPROVED

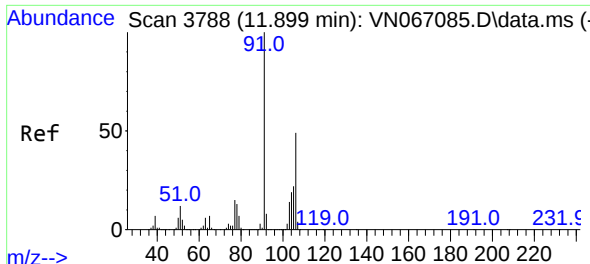
SAM
5/20/2021 6:03:47 PM



#68
m/p-Xylenes
Concen: 109.82 ug/l
RT: 11.572 min Scan# 3666
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

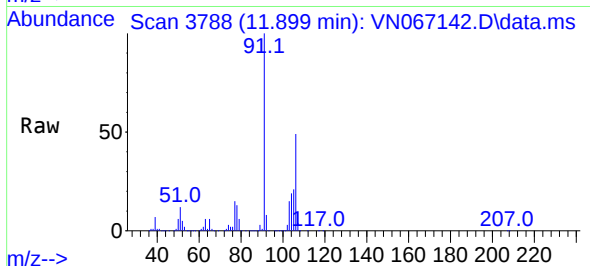
Tgt Ion:106 Resp: 1084311
Ion Ratio Lower Upper
106 100
91 189.9 155.2 232.8





#69
o-Xylene
Concen: 53.43 ug/l
RT: 11.899 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

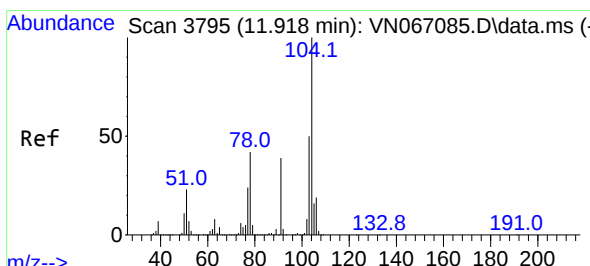
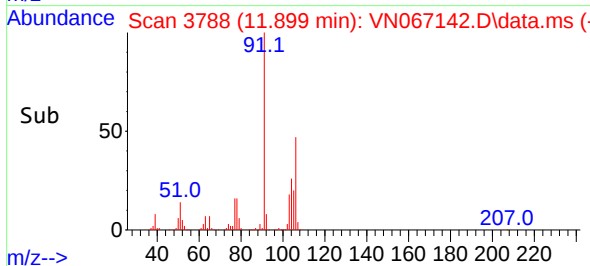
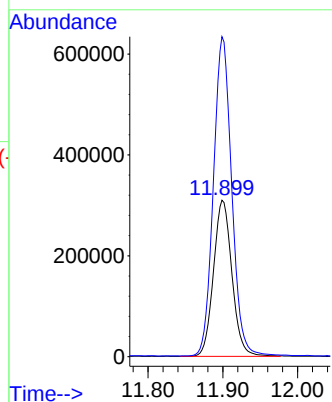
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 531058
Ion Ratio Lower Upper
106 100
91 202.8 102.3 306.8

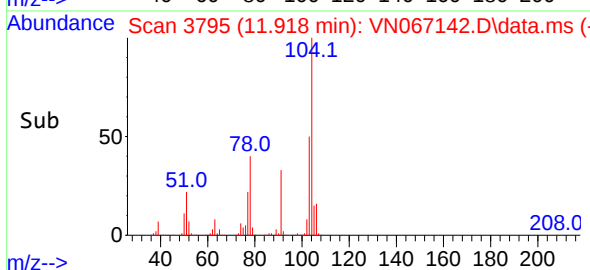
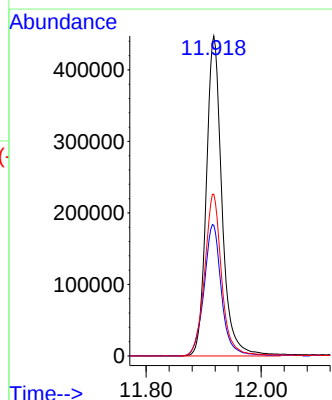
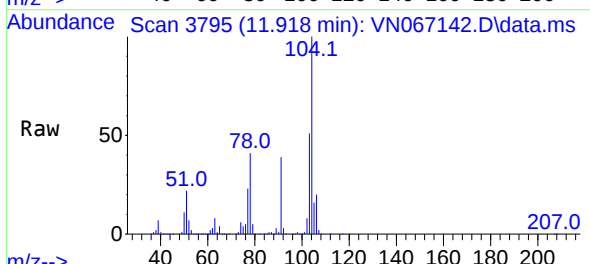
Manual Integrations
APPROVED

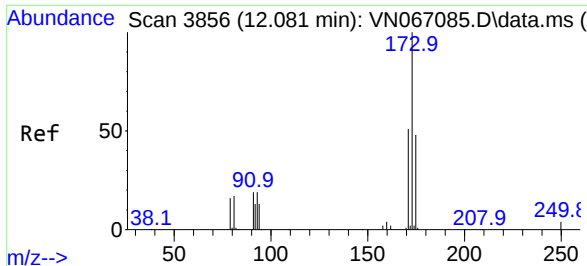
SAM
5/20/2021 6:03:47 PM



#70
Styrene
Concen: 54.74 ug/l
RT: 11.918 min Scan# 3795
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:104 Resp: 846951
Ion Ratio Lower Upper
104 100
78 45.6 37.7 56.5
103 54.9 44.2 66.4





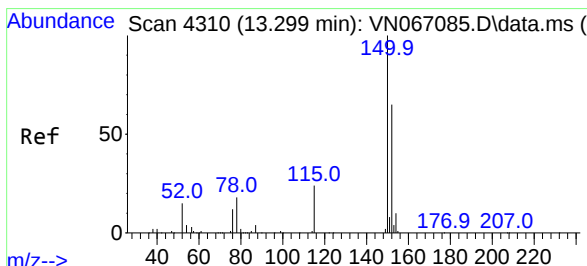
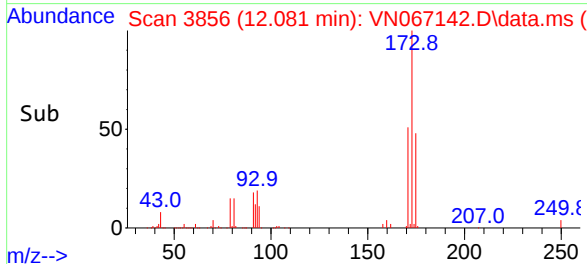
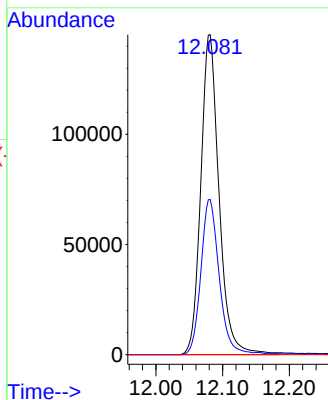
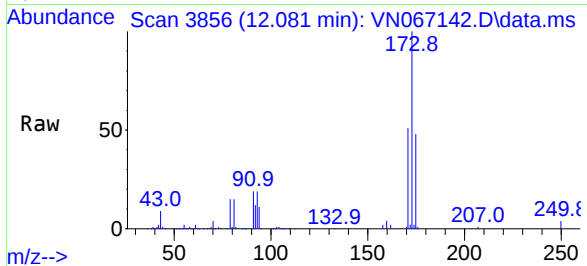
#71
Bromoform
Concen: 52.80 ug/l
RT: 12.081 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:173 Resp: 275674
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

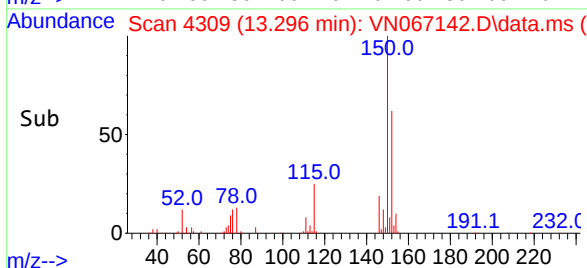
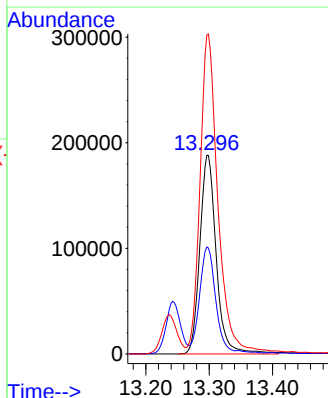
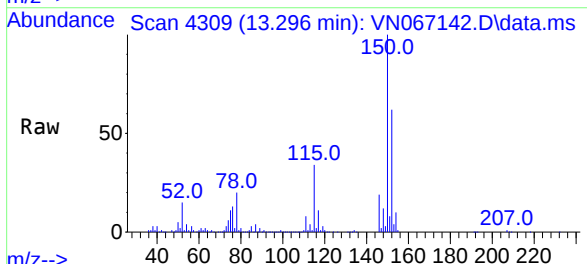
Manual Integrations
APPROVED

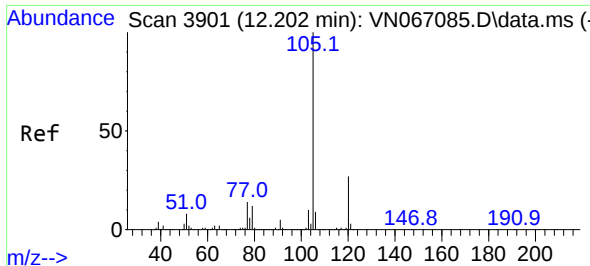
SAM
5/20/2021 6:03:47 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.296 min Scan# 4309
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

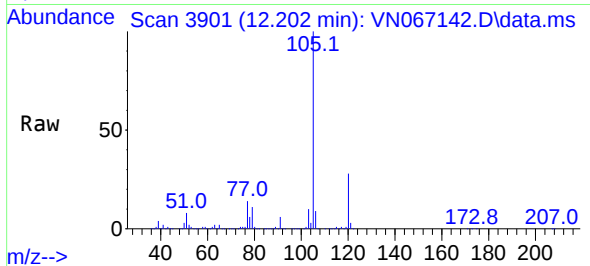
Tgt Ion:152 Resp: 338672
Ion Ratio Lower Upper
152 100
115 49.9 27.0 80.8
150 172.7 0.0 350.2





#73
Isopropylbenzene
Concen: 49.02 ug/l
RT: 12.202 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

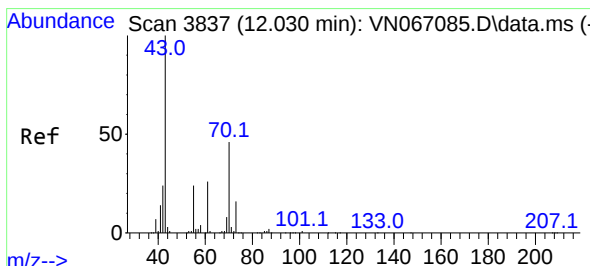
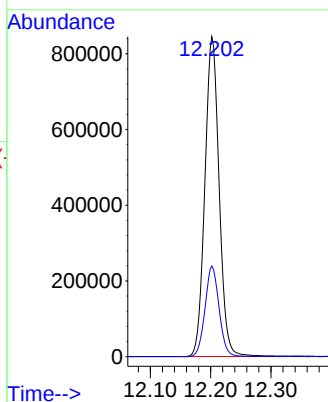
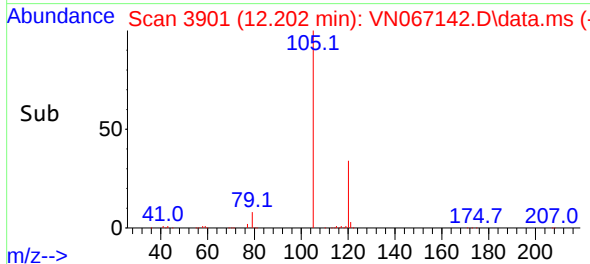
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



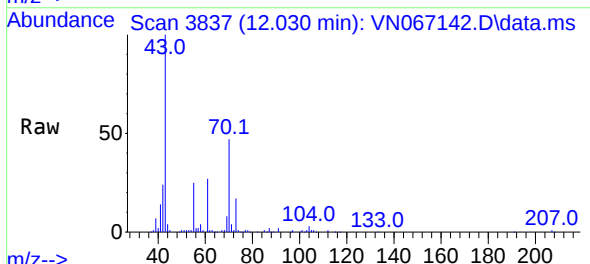
Tgt Ion:105 Resp: 1386649
Ion Ratio Lower Upper
105 100
120 28.0 13.7 41.0

Manual Integrations
APPROVED

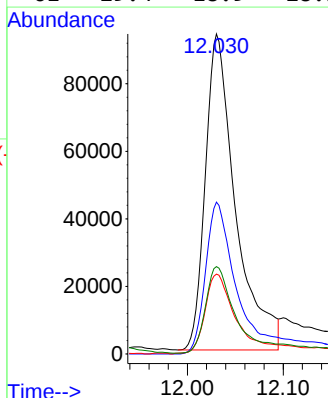
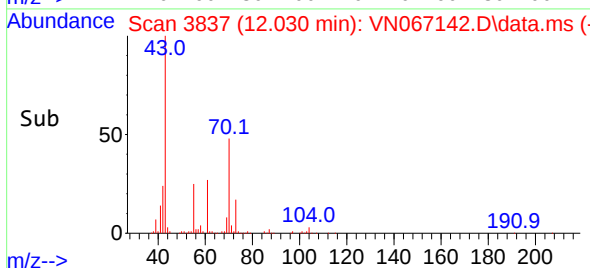
SAM
5/20/2021 6:03:47 PM

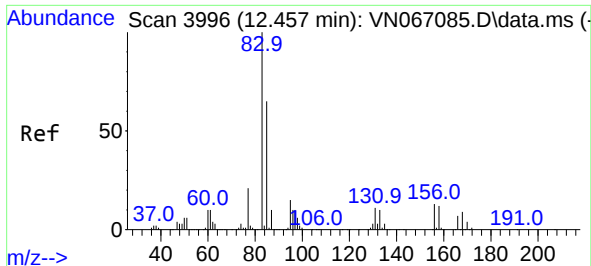


#74
N-ethyl acetate
Concen: 43.51 ug/l
RT: 12.030 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

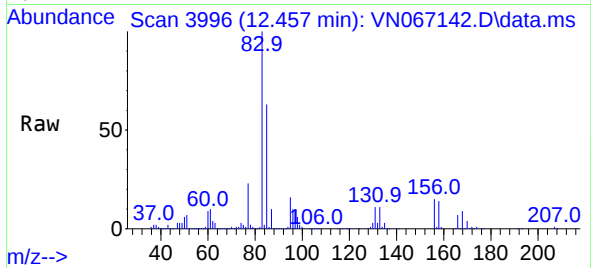


Tgt Ion: 43 Resp: 204911
Ion Ratio Lower Upper
43 100
70 54.3 36.7 55.1
55 27.9 17.6 26.4#
61 29.4 18.9 28.3#

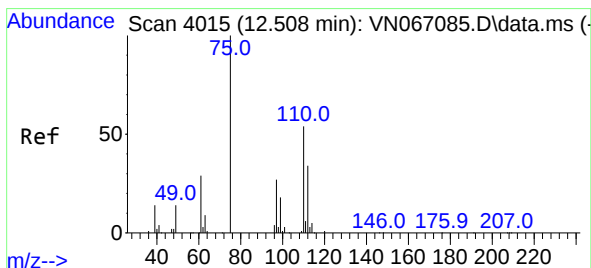
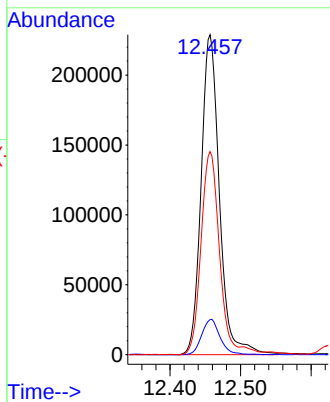
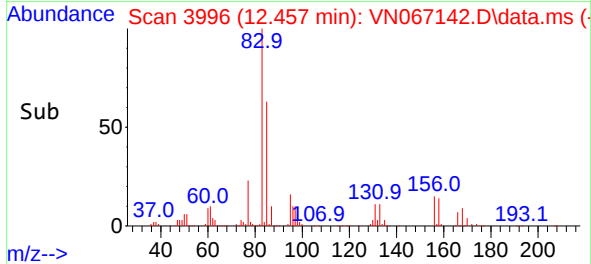




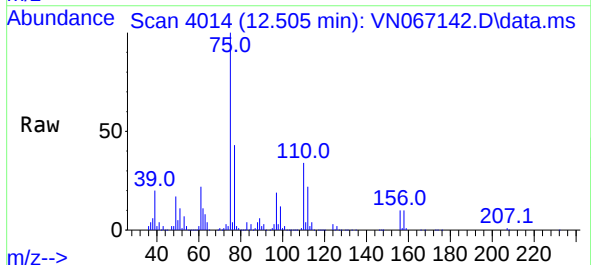
#75
1,1,2,2-Tetrachloroethane
Concen: 48.11 ug/l
RT: 12.457 min Scan# 3996
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



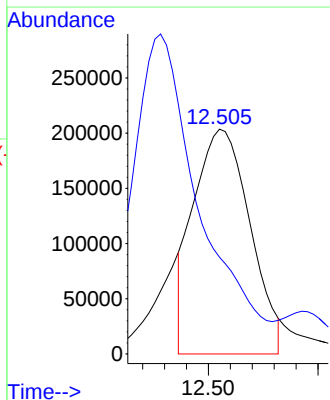
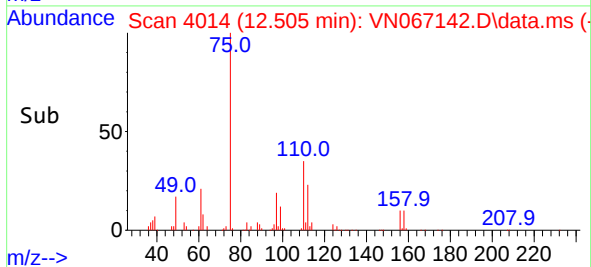
Tgt Ion: 83 Resp: 412426
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 62.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 50.98 ug/l m
RT: 12.505 min Scan# 4014
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



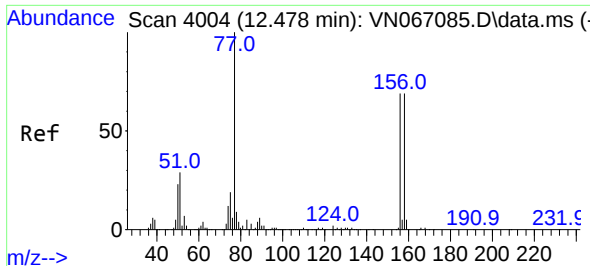
Tgt Ion: 75 Resp: 364321
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

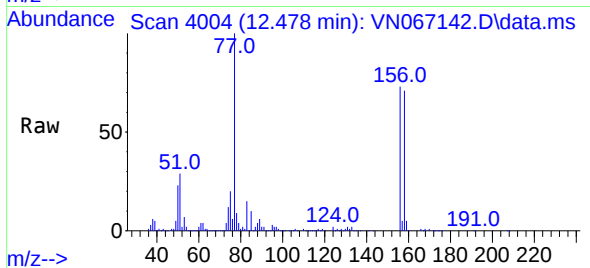
Manual Integrations
APPROVED

SAM
5/20/2021 6:03:47 PM



#77
Bromobenzene
Concen: 52.97 ug/l
RT: 12.478 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

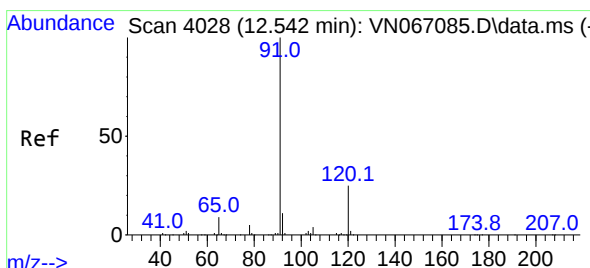
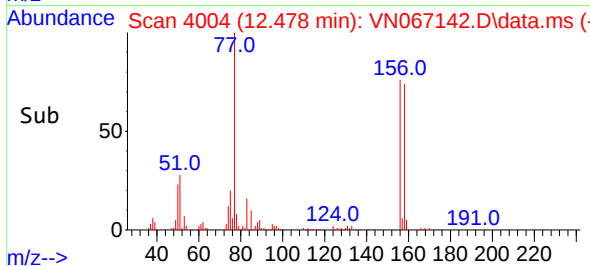
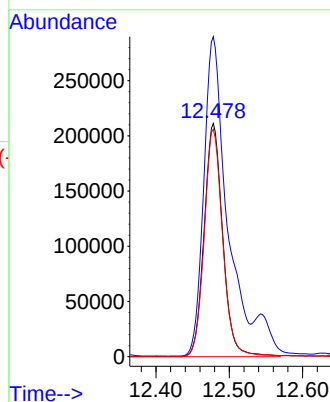
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



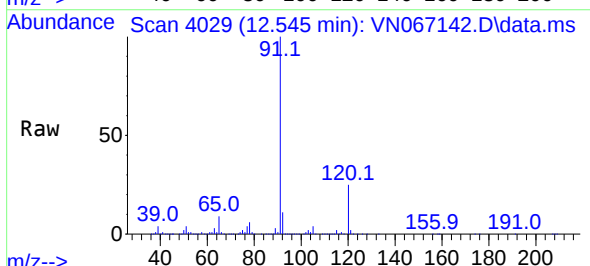
Tgt Ion:156 Resp: 372685
Ion Ratio Lower Upper
156 100
77 166.1 87.9 263.8
158 96.5 49.0 147.2

Manual Integrations
APPROVED

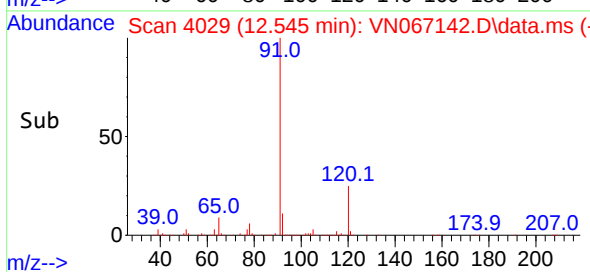
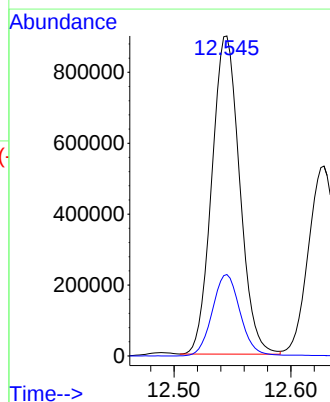
SAM
5/20/2021 6:03:47 PM

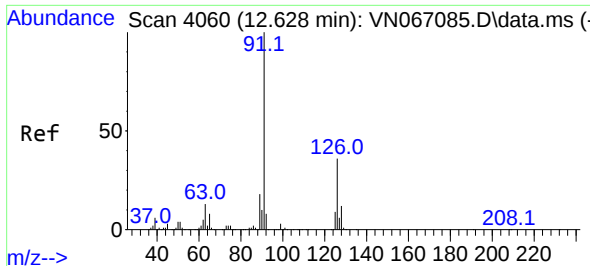


#78
n-propylbenzene
Concen: 52.00 ug/l
RT: 12.545 min Scan# 4029
Delta R.T. 0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



Tgt Ion: 91 Resp: 1487929
Ion Ratio Lower Upper
91 100
120 25.7 12.7 38.0





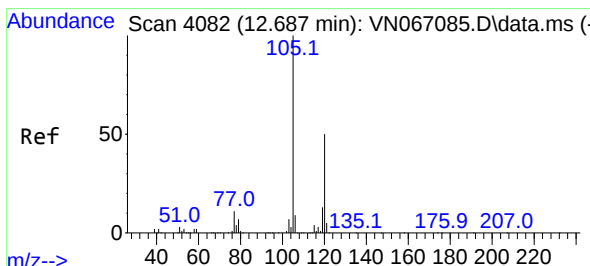
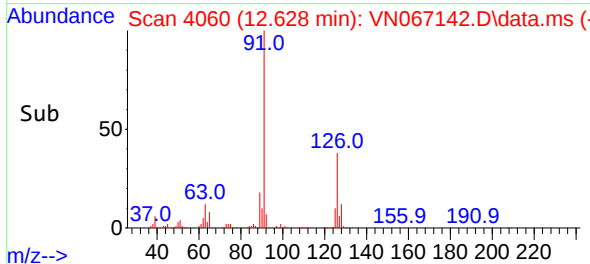
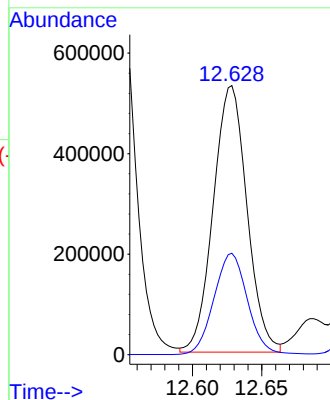
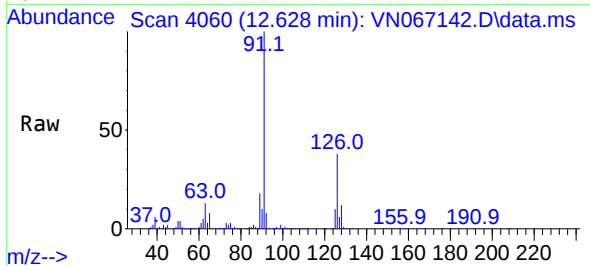
#79
2-Chlorotoluene
Concen: 47.49 ug/l
RT: 12.628 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 91 Resp: 899329
Ion Ratio Lower Upper
91 100
126 37.8 18.3 54.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

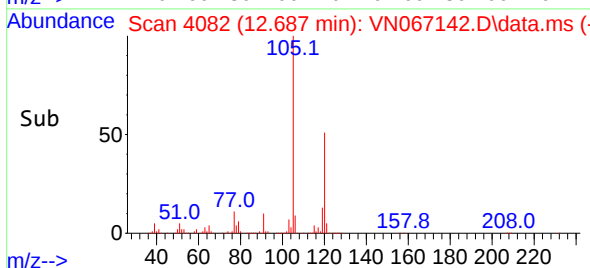
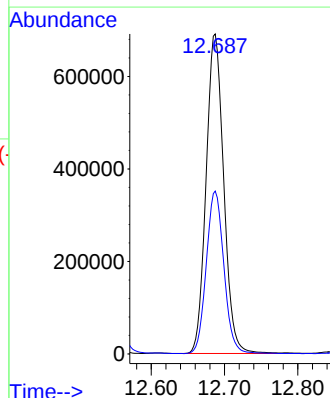
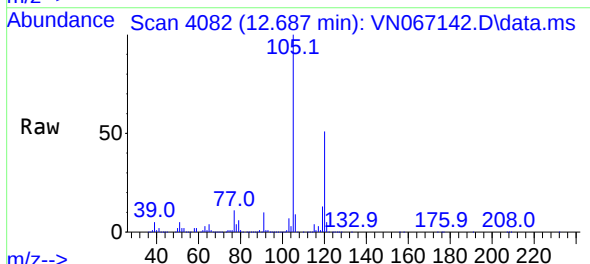
Manual Integrations
APPROVED

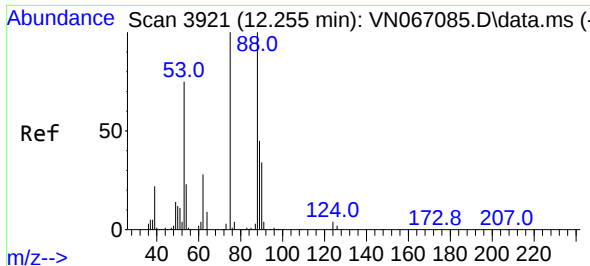
SAM
5/20/2021 6:03:47 PM



#80
1,3,5-Trimethylbenzene
Concen: 48.94 ug/l
RT: 12.687 min Scan# 4082
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:105 Resp: 1155111
Ion Ratio Lower Upper
105 100
120 50.7 25.0 75.0





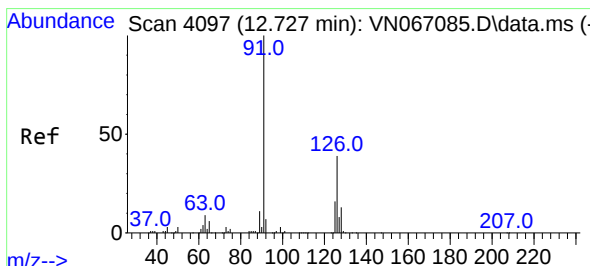
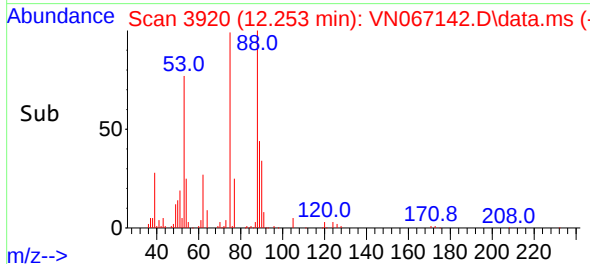
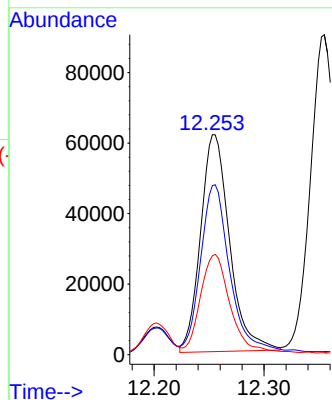
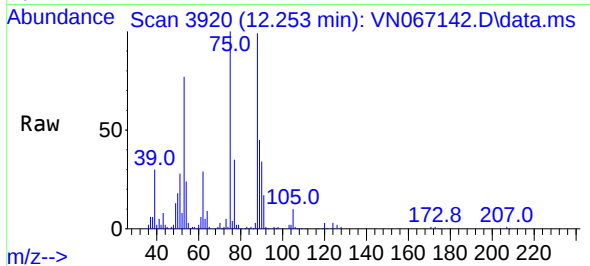
#81
trans-1,4-Dichloro-2-butene
Concen: 48.72 ug/l
RT: 12.253 min Scan# 3920
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 75 Resp: 113043
Ion Ratio Lower Upper
75 100
53 76.4 66.3 99.5
89 46.7 39.5 59.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

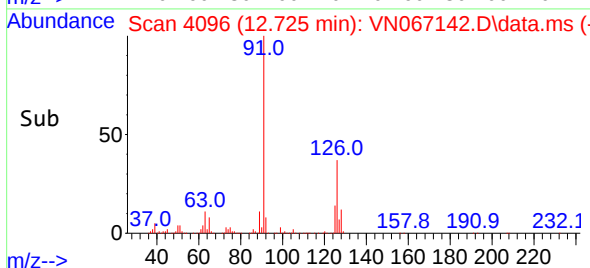
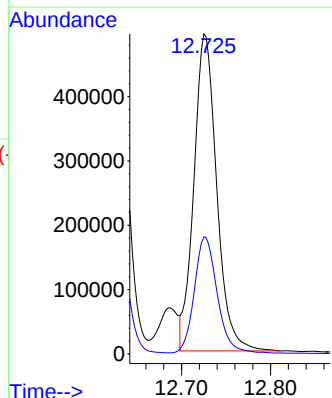
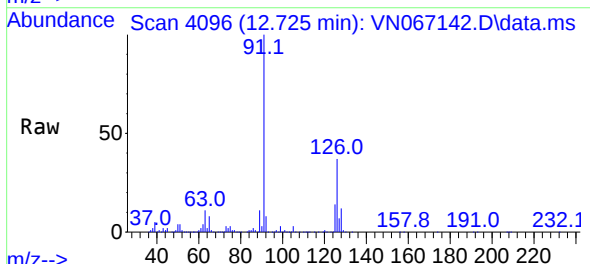
Manual Integrations
APPROVED

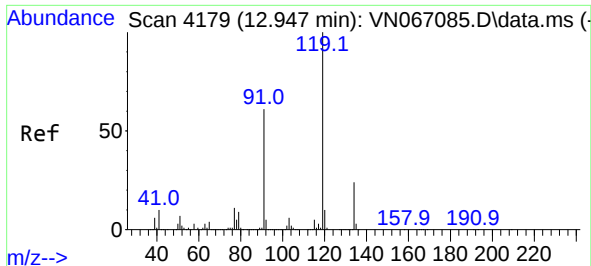
SAM
5/20/2021 6:03:47 PM



#82
4-Chlorotoluene
Concen: 48.54 ug/l
RT: 12.725 min Scan# 4096
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

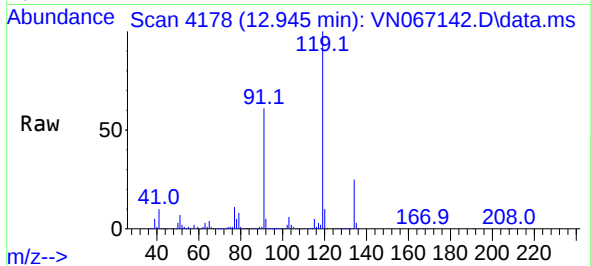
Tgt Ion: 91 Resp: 878680
Ion Ratio Lower Upper
91 100
126 36.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 46.68 ug/l
RT: 12.945 min Scan# 4178
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

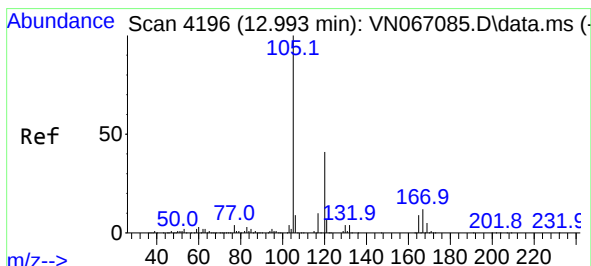
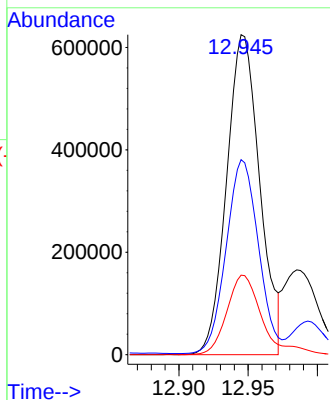
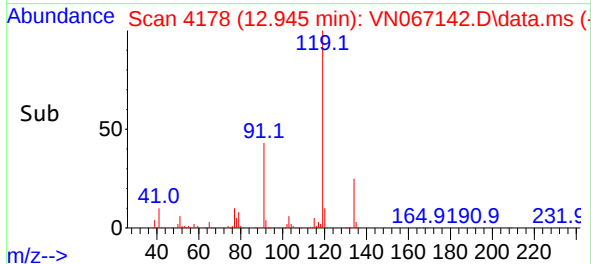
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



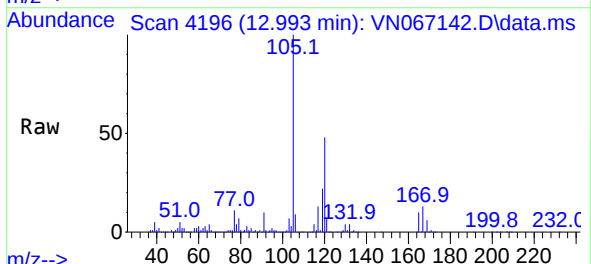
Tgt Ion:119 Resp: 1040156
Ion Ratio Lower Upper
119 100
91 59.1 30.2 90.6
134 26.4 13.0 39.0

Manual Integrations
APPROVED

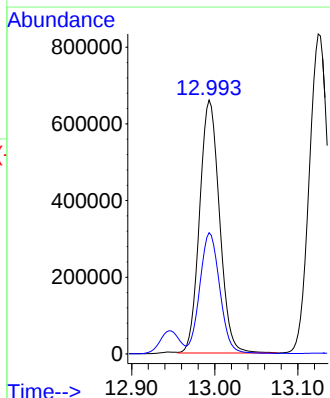
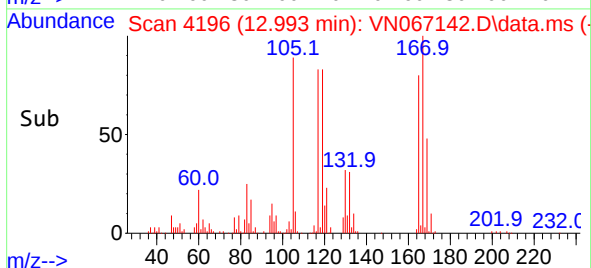
SAM
5/20/2021 6:03:47 PM

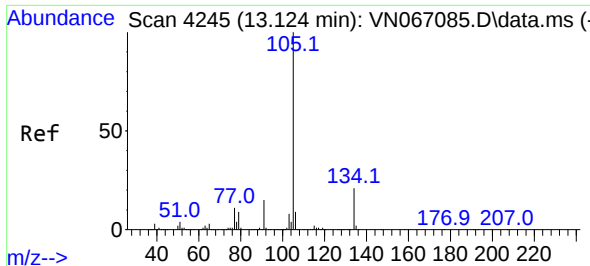


#84
1,2,4-Trimethylbenzene
Concen: 50.42 ug/l
RT: 12.993 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03



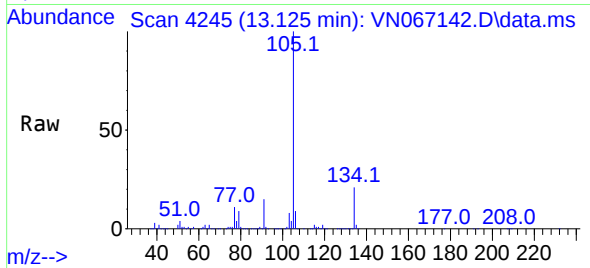
Tgt Ion:105 Resp: 1097063
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 51.30 ug/l
 RT: 13.125 min Scan# 4245
 Delta R.T. 0.001 min
 Lab File: VN067142.D
 Acq: 19 May 2021 11:03

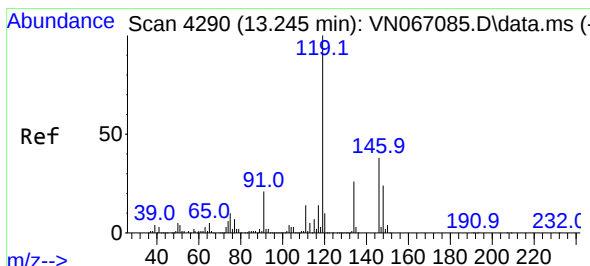
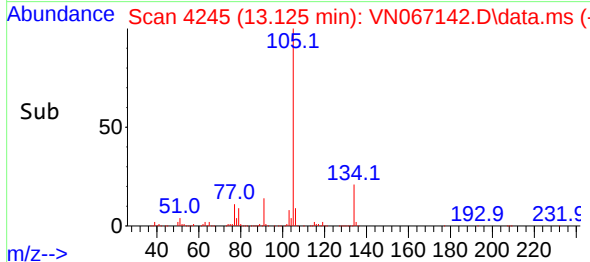
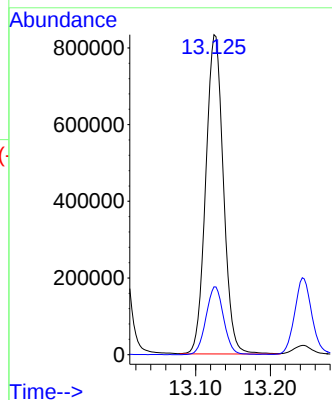
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



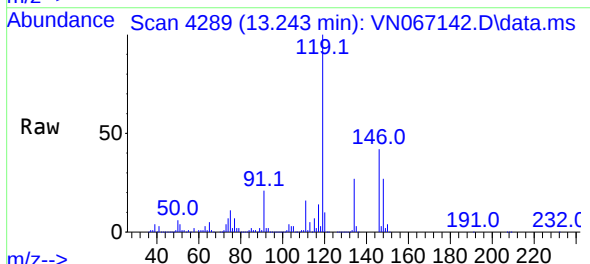
Tgt Ion:105 Resp: 1365267
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.5

Manual Integrations
 APPROVED

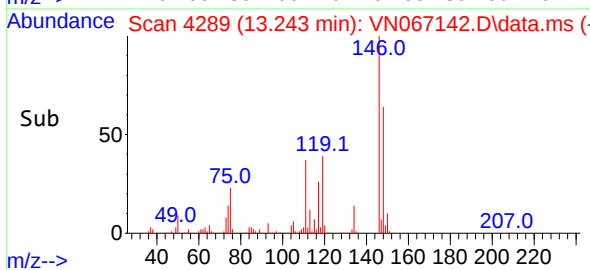
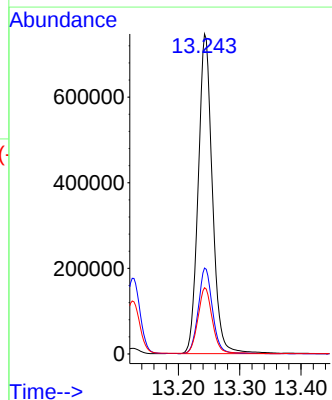
SAM
 5/20/2021 6:03:47 PM

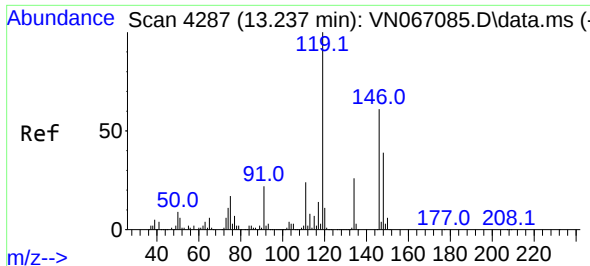


#86
 p-Isopropyltoluene
 Concen: 51.89 ug/l
 RT: 13.243 min Scan# 4289
 Delta R.T. -0.002 min
 Lab File: VN067142.D
 Acq: 19 May 2021 11:03



Tgt Ion:119 Resp: 1198496
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 20.9 10.7 32.1





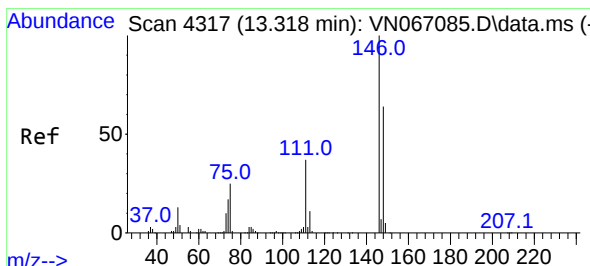
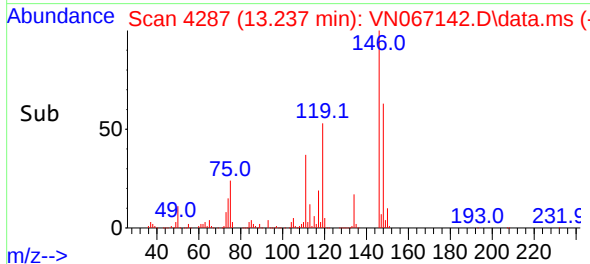
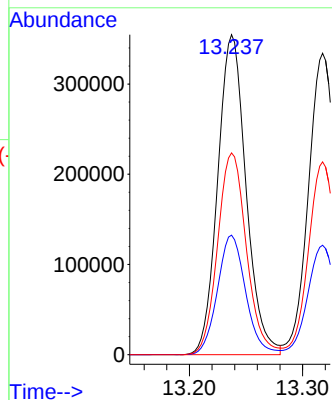
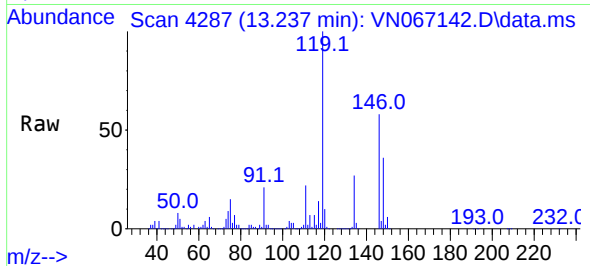
#87
1,3-Dichlorobenzene
Concen: 53.97 ug/l
RT: 13.237 min Scan# 4287
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:146 Resp: 616583
Ion Ratio Lower Upper
146 100
111 37.3 19.3 57.8
148 64.2 32.0 96.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

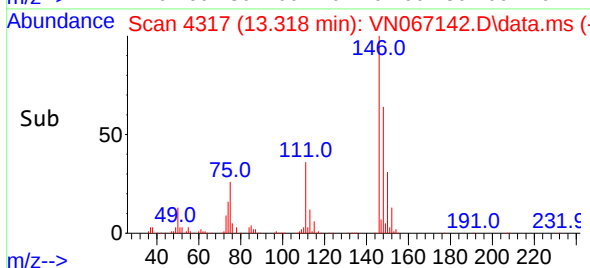
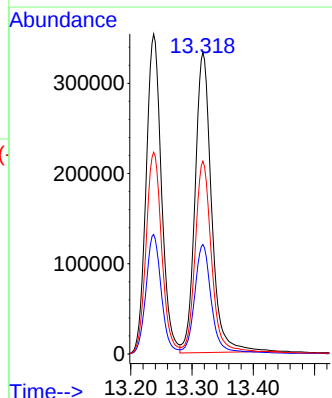
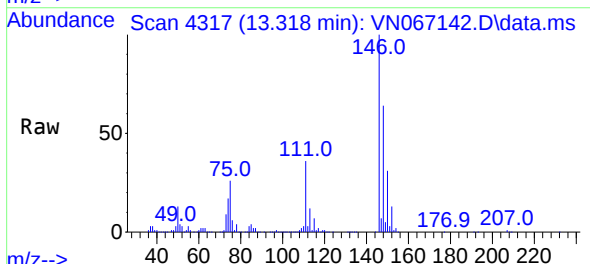
Manual Integrations
APPROVED

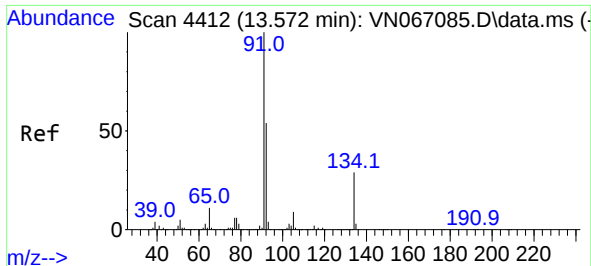
SAM
5/20/2021 6:03:47 PM



#88
1,4-Dichlorobenzene
Concen: 52.27 ug/l
RT: 13.318 min Scan# 4317
Delta R.T. -0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:146 Resp: 621941
Ion Ratio Lower Upper
146 100
111 37.3 18.5 55.5
148 62.3 31.4 94.3





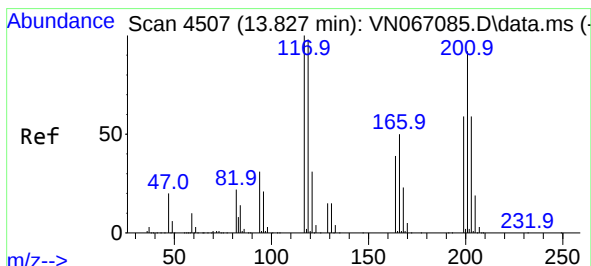
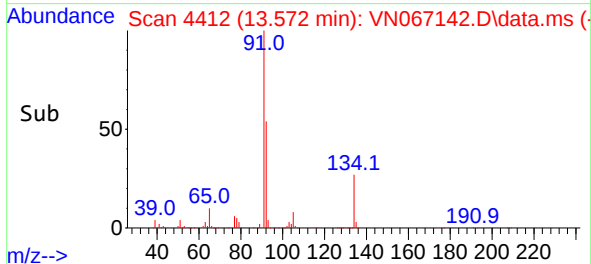
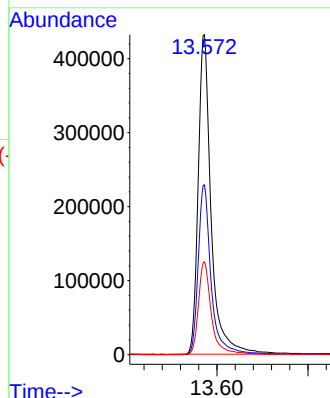
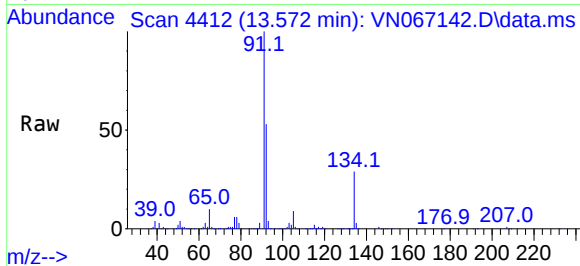
#89
n-Butylbenzene
Concen: 48.73 ug/l
RT: 13.572 min Scan# 4412
Delta R.T. 0.000 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 91 Resp: 853461
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 28.2 14.3 42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

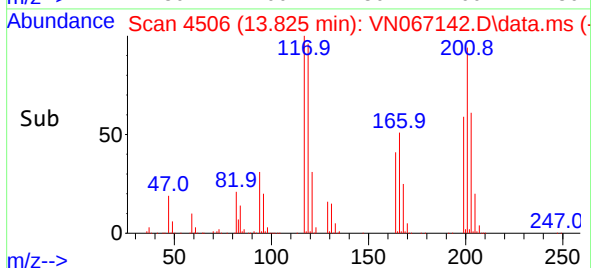
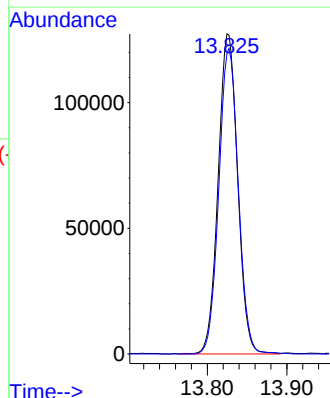
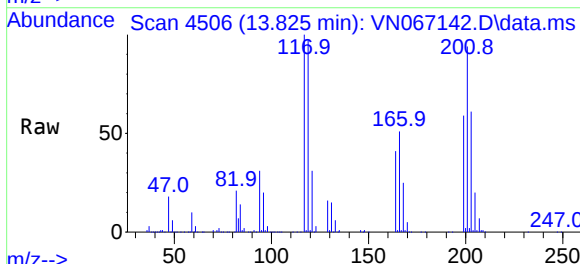
Manual Integrations
APPROVED

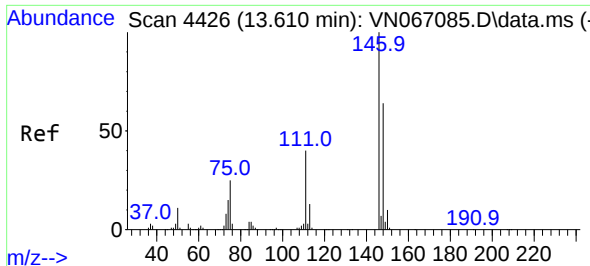
SAM
5/20/2021 6:03:47 PM



#90
Hexachloroethane
Concen: 51.22 ug/l
RT: 13.825 min Scan# 4506
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 117 Resp: 216519
Ion Ratio Lower Upper
117 100
201 95.5 45.5 136.5





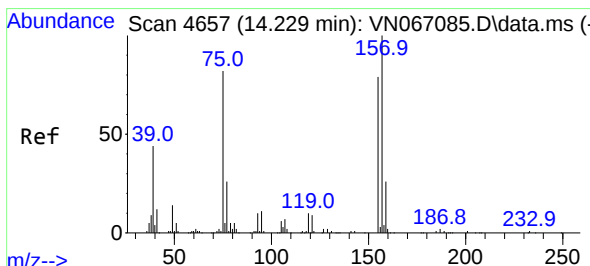
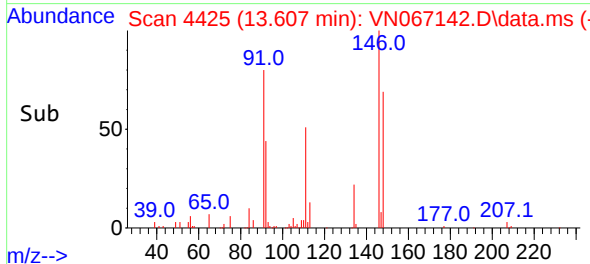
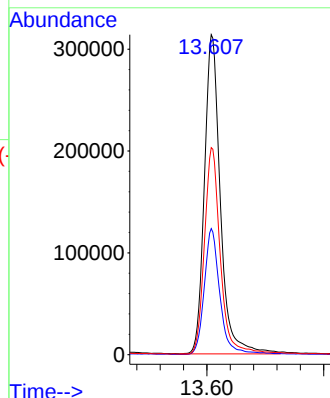
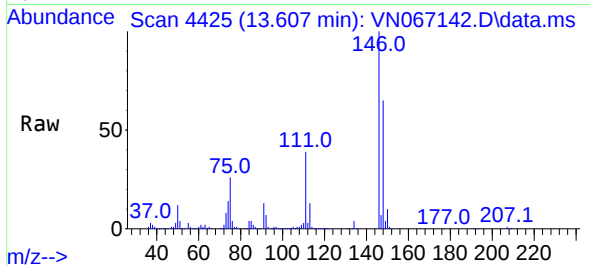
#91
1,2-Dichlorobenzene
Concen: 50.31 ug/l
RT: 13.607 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:146 Resp: 596006
Ion Ratio Lower Upper
146 100
111 38.7 19.8 59.3
148 64.5 31.7 95.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

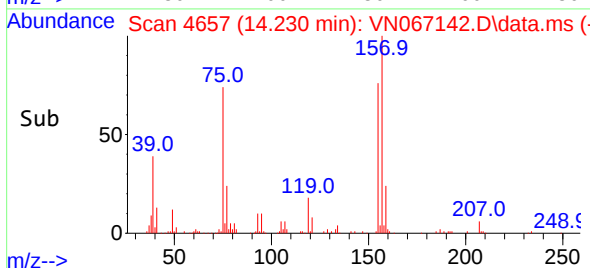
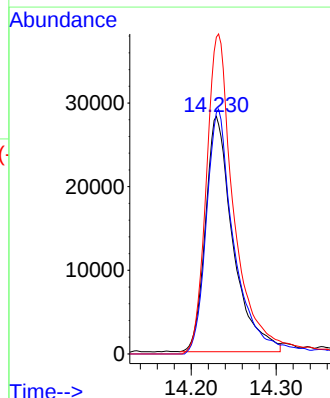
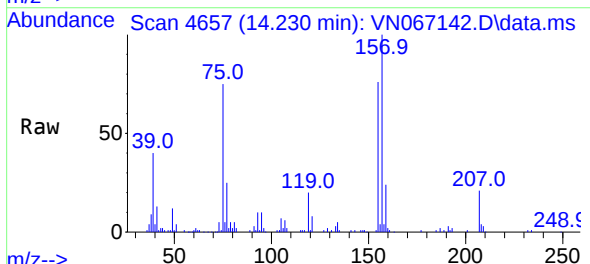
Manual Integrations
APPROVED

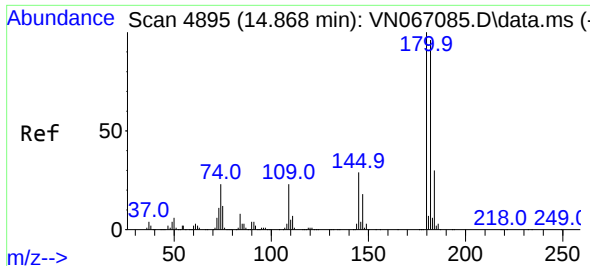
SAM
5/20/2021 6:03:47 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.20 ug/l
RT: 14.230 min Scan# 4657
Delta R.T. 0.001 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion: 75 Resp: 63465
Ion Ratio Lower Upper
75 100
155 105.7 49.9 149.7
157 137.9 63.8 191.4





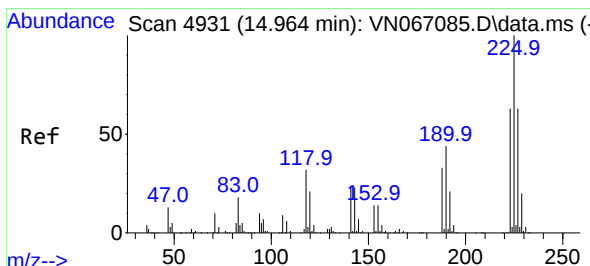
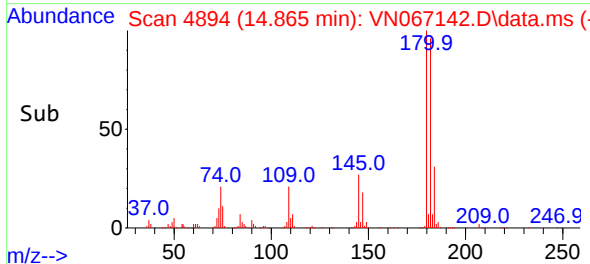
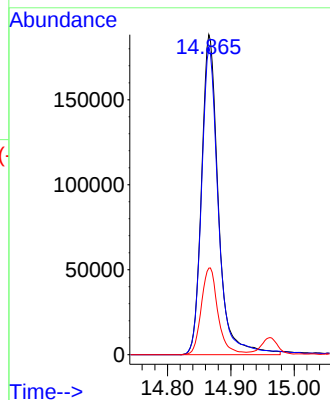
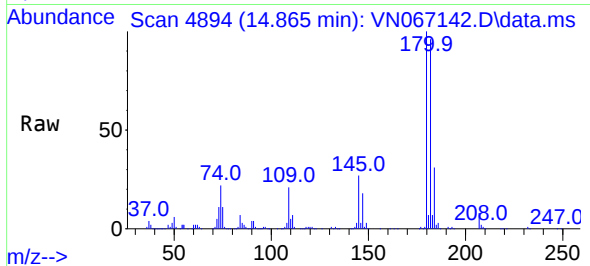
#93
1,2,4-Trichlorobenzene
Concen: 57.80 ug/l
RT: 14.865 min Scan# 4894
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:180 Resp: 347180
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 26.9 14.0 42.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

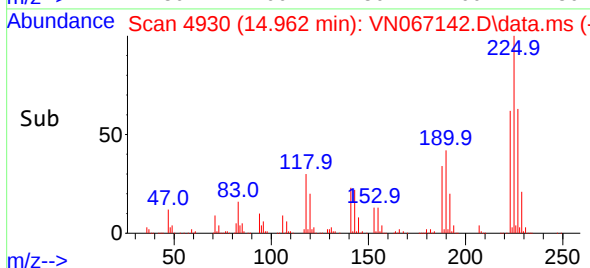
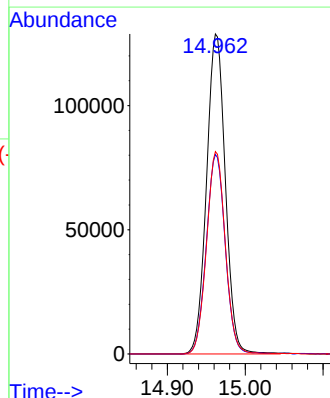
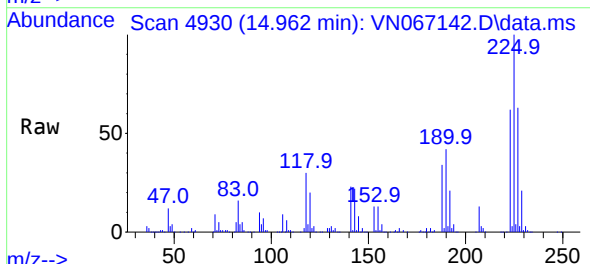
Manual Integrations
APPROVED

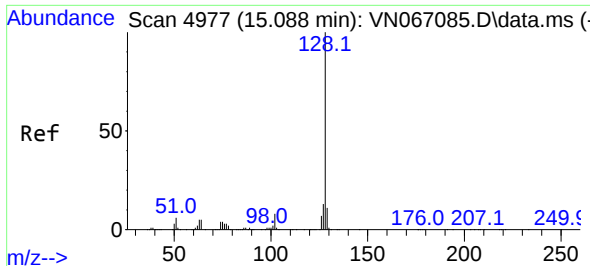
SAM
5/20/2021 6:03:47 PM



#94
Hexachlorobutadiene
Concen: 52.34 ug/l
RT: 14.962 min Scan# 4930
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:225 Resp: 216511
Ion Ratio Lower Upper
225 100
223 62.9 31.7 95.1
227 63.1 31.7 95.1





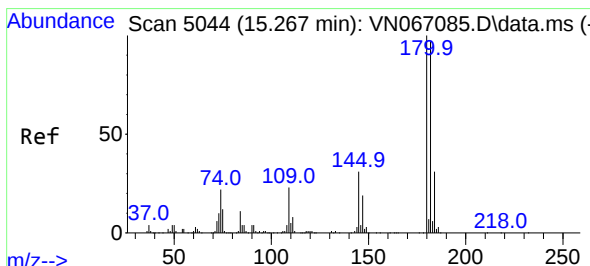
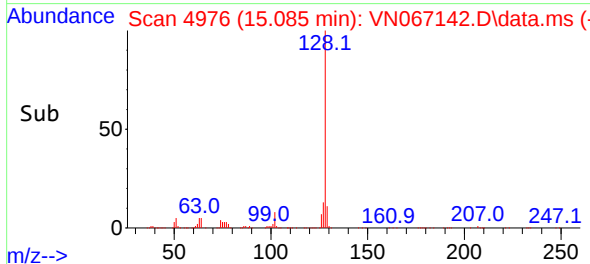
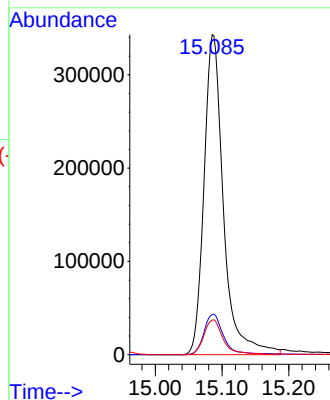
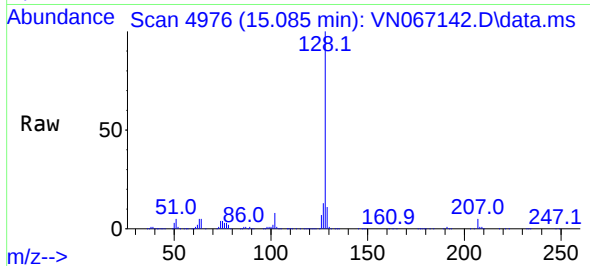
#95
Naphthalene
Concen: 48.36 ug/l
RT: 15.085 min Scan# 4976
Delta R.T. -0.003 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:128 Resp: 694400
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
5/20/2021 6:03:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 58.95 ug/l
RT: 15.265 min Scan# 5043
Delta R.T. -0.002 min
Lab File: VN067142.D
Acq: 19 May 2021 11:03

Tgt Ion:180 Resp: 326622
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 28.3 15.4 46.2

