

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065309.D
 Acq On : 29 Dec 2020 16:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 12/30/2020 2:25:14 PM

Quant Time: Dec 30 00:57:42 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	275023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	410452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	377061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	186401	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.987	65	145864	46.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.96%
35) Dibromofluoromethane	7.550	113	124568	50.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.60%
50) Toluene-d8	10.058	98	466699	50.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.58%
62) 4-Bromofluorobenzene	12.376	95	170723	46.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.840	85	119387	46.92	ug/l	100
3) Chloromethane	2.046	50	144897	50.03	ug/l	98
4) Vinyl Chloride	2.171	62	152888	50.74	ug/l	98
5) Bromomethane	2.525	94	98864	46.16	ug/l	99
6) Chloroethane	2.672	64	97210	49.92	ug/l	99
7) Trichlorofluoromethane	2.991	101	207460	46.02	ug/l	98
8) Diethyl Ether	3.380	74	82358	46.40	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.714	101	120492	47.66	ug/l	99
10) Methyl Iodide	3.904	142	171266	44.84	ug/l	93
11) Tert butyl alcohol	4.775	59	107638	211.88	ug/l	99
12) 1,1-Dichloroethene	3.692	96	122358	45.30	ug/l	99
13) Acrolein	3.570	56	71644	208.92	ug/l	98
14) Allyl chloride	4.271	41	201789	45.32	ug/l	97
15) Acrylonitrile	4.939	53	295841	240.98	ug/l	99
16) Acetone	3.782	43	249093	188.54	ug/l	96
17) Carbon Disulfide	4.000	76	320466	46.36	ug/l	99
18) Methyl Acetate	4.287	43	134638	48.30	ug/l	98
19) Methyl tert-butyl Ether	5.000	73	397087	46.28	ug/l	99
20) Methylene Chloride	4.499	84	134909	44.54	ug/l	96
21) trans-1,2-Dichloroethene	4.981	96	129030	48.65	ug/l	99
22) Diisopropyl ether	5.910	45	419801	47.36	ug/l	98
23) Vinyl Acetate	5.849	43	1746686	233.81	ug/l	99
24) 1,1-Dichloroethane	5.795	63	236766	48.70	ug/l	99
25) 2-Butanone	6.798	43	392275	225.05	ug/l	99
26) 2,2-Dichloropropane	6.775	77	205555	44.25	ug/l	100
27) cis-1,2-Dichloroethene	6.782	96	151919	49.22	ug/l	99
28) Bromochloromethane	7.151	49	102332	46.32	ug/l	99
29) Tetrahydrofuran	7.177	42	262323	232.73	ug/l	99
30) Chloroform	7.328	83	240741	48.10	ug/l	99
31) Cyclohexane	7.611	56	209234	45.64	ug/l	97
32) 1,1,1-Trichloroethane	7.528	97	210784	46.48	ug/l	100
36) 1,1-Dichloropropene	7.749	75	180160	48.27	ug/l	98
37) Ethyl Acetate	6.891	43	170459	46.08	ug/l	98
38) Carbon Tetrachloride	7.730	117	180308	46.00	ug/l	100
39) Methylcyclohexane	9.045	83	217037	48.40	ug/l	98
40) Benzene	8.000	78	550127	49.55	ug/l	98
41) Methacrylonitrile	7.129	41	86549	44.96	ug/l	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065309.D
 Acq On : 29 Dec 2020 16:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 12/30/2020 2:25:14 PM

Quant Time: Dec 30 00:57:42 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.087	62	187306	45.65	ug/l	99
43) Isopropyl Acetate	8.132	43	288711	45.28	ug/l	99
44) Trichloroethene	8.801	130	157754	49.23	ug/l	99
45) 1,2-Dichloropropane	9.084	63	141785	49.13	ug/l	99
46) Dibromomethane	9.174	93	94950	48.44	ug/l	92
47) Bromodichloromethane	9.370	83	196774	47.61	ug/l	99
48) Methyl methacrylate	9.167	41	141091	45.59	ug/l	99
49) 1,4-Dioxane	9.171	88	47318	943.35	ug/l	98
51) 4-Methyl-2-Pentanone	9.955	43	838927	234.03	ug/l	99
52) Toluene	10.122	92	350505	50.09	ug/l	100
53) t-1,3-Dichloropropene	10.351	75	220350	47.31	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	234275	47.33	ug/l	96
55) 1,1,2-Trichloroethane	10.534	97	137488	49.65	ug/l	98
56) Ethyl methacrylate	10.399	69	204345	47.65	ug/l	96
57) 1,3-Dichloropropane	10.679	76	229357	50.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	442532	237.24	ug/l	100
59) 2-Hexanone	10.724	43	609024	231.11	ug/l	98
60) Dibromochloromethane	10.875	129	157982	47.87	ug/l	99
61) 1,2-Dibromoethane	10.978	107	145737	49.03	ug/l	99
64) Tetrachloroethene	10.601	164	172715	47.17	ug/l	95
65) Chlorobenzene	11.405	112	381279	49.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	145840	48.83	ug/l	99
67) Ethyl Benzene	11.482	91	680214	49.18	ug/l	100
68) m/p-Xylenes	11.595	106	517594	99.34	ug/l	100
69) o-Xylene	11.920	106	250875	49.60	ug/l	99
70) Styrene	11.936	104	425290	50.39	ug/l	100
71) Bromoform	12.100	173	121665	47.32	ug/l #	99
73) Isopropylbenzene	12.222	105	667492	47.02	ug/l	100
74) N-ethyl acetate	12.045	43	256239	45.33	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.479	83	185282	48.40	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	192366m	50.59	ug/l	
77) Bromobenzene	12.498	156	180040	48.53	ug/l	91
78) n-propylbenzene	12.566	91	756491	47.20	ug/l	99
79) 2-Chlorotoluene	12.646	91	445374	47.19	ug/l	98
80) 1,3,5-Trimethylbenzene	12.707	105	566511	46.79	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	67491	44.75	ug/l	92
82) 4-Chlorotoluene	12.746	91	463242	47.66	ug/l	98
83) tert-Butylbenzene	12.968	119	482172	46.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	563671	47.82	ug/l	100
85) sec-Butylbenzene	13.145	105	635462	46.44	ug/l	99
86) p-Isopropyltoluene	13.264	119	588979	46.95	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	308381	49.70	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	302368	48.54	ug/l	98
89) n-Butylbenzene	13.588	91	496212	46.28	ug/l	99
90) Hexachloroethane	13.849	117	101038	46.85	ug/l	83
91) 1,2-Dichlorobenzene	13.627	146	300273	50.39	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	36834	46.71	ug/l	93
93) 1,2,4-Trichlorobenzene	14.881	180	171402	46.65	ug/l	99
94) Hexachlorobutadiene	14.977	225	100750	42.83	ug/l	99
95) Naphthalene	15.096	128	438273	45.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.264	180	157041	46.15	ug/l	98

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

Instrument :

MSVOA_N

ClientSampleId :

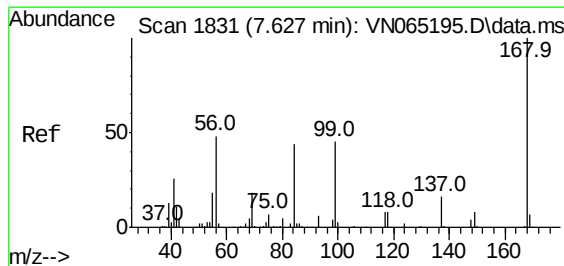
VSTDCCC050EC

Manual Integrations

APPROVED

SAM

12/30/2020 2:25:14 PM



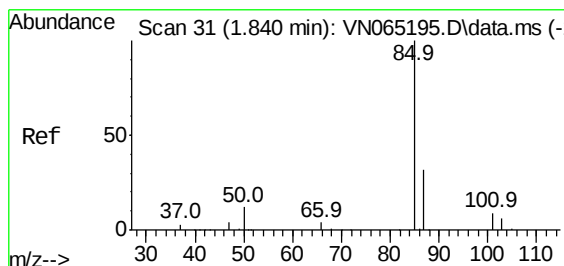
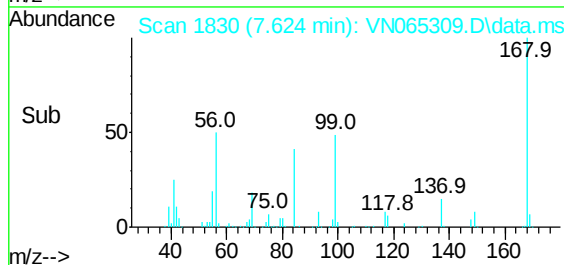
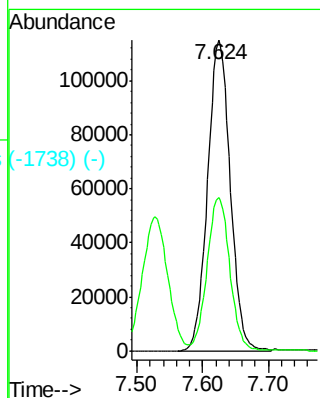
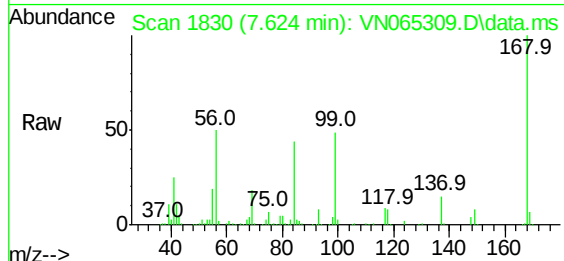
#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 275023
Ion Ratio Lower Upper
168 100
99 49.1 43.0 64.4

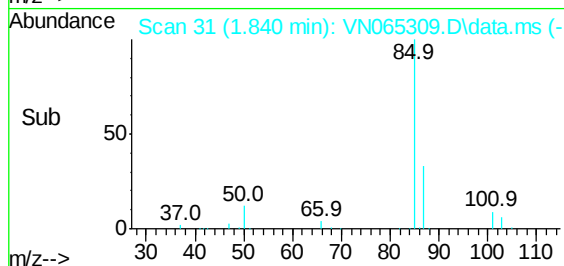
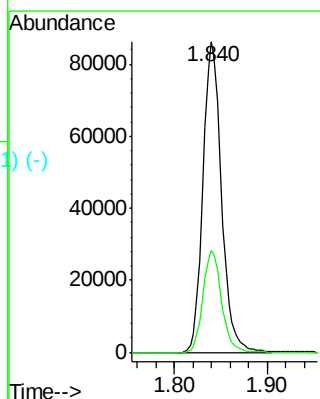
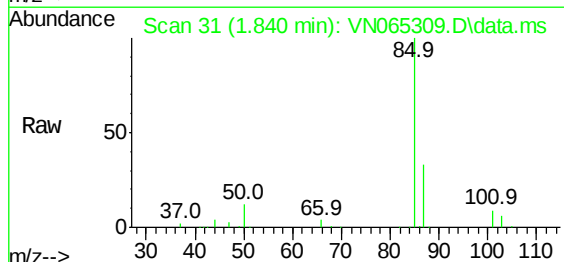
Manual Integrations
APPROVED

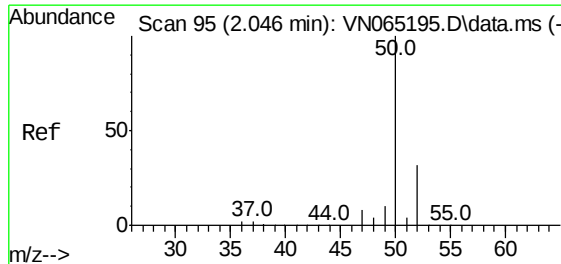
SAM
12/30/2020 2:25:14 PM



#2 (-)
Dichlorodifluoromethane
Concen: 46.92 ug/l
RT: 1.840 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

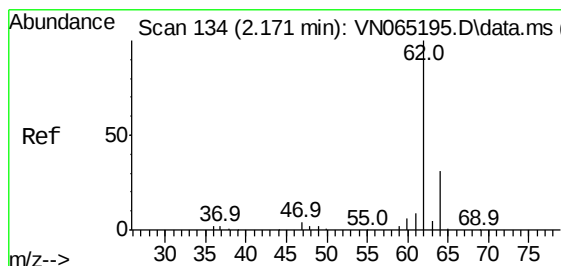
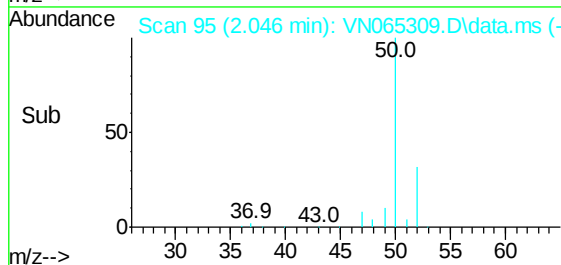
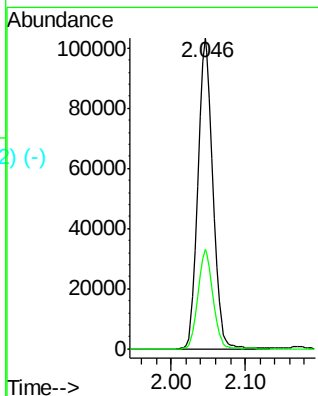
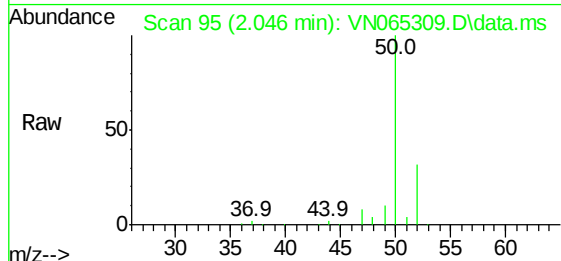
Tgt Ion: 85 Resp: 119387
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.4





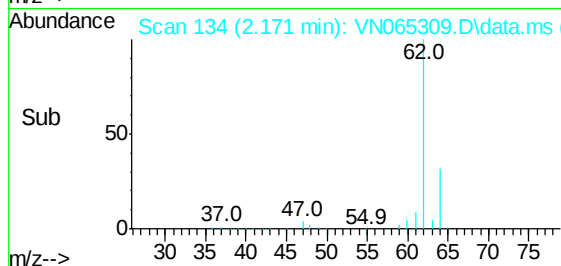
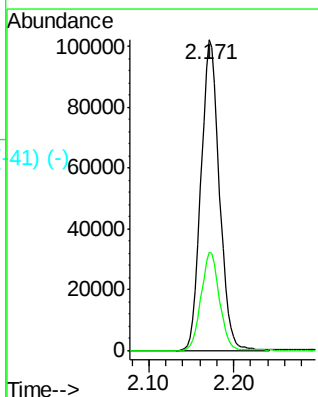
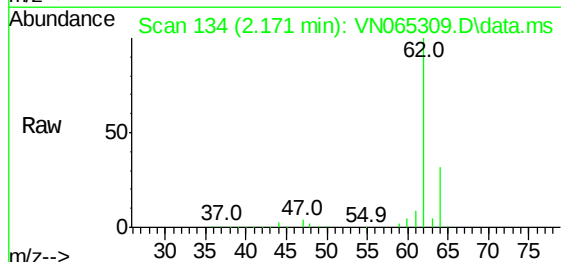
Chloromethane
 Concen: 50.03 ug/l
 RT: 2.046 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion: 50 Resp: 144897
 Ion Ratio Lower Upper
 50 100
 52 32.0 26.6 39.8



Vinyl Chloride
 Concen: 50.74 ug/l
 RT: 2.171 min Scan# 134
 Delta R.T. -0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

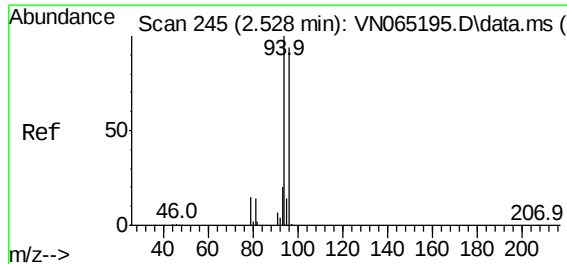
Tgt Ion: 62 Resp: 152888
 Ion Ratio Lower Upper
 62 100
 64 31.7 26.5 39.7



Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 12/30/2020 2:25:14 PM



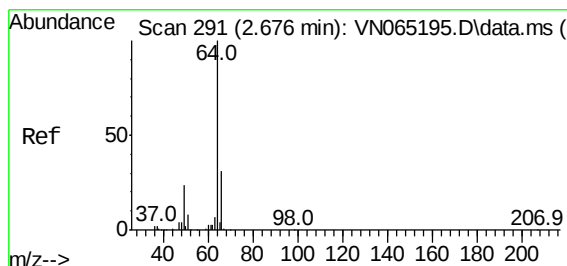
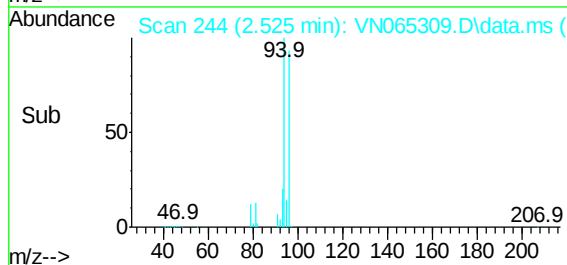
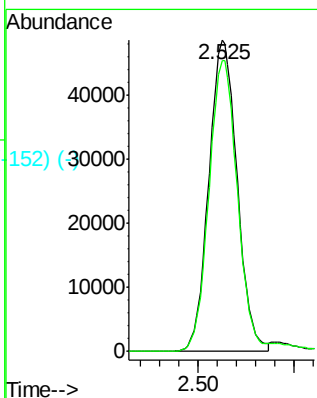
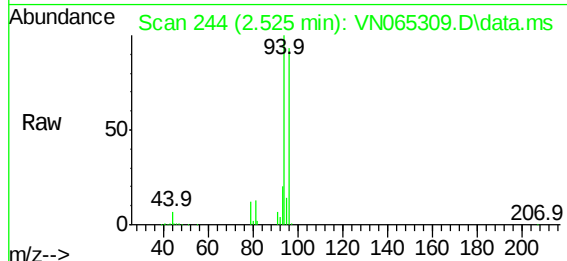
Bromomethane
Concen: 46.16 ug/l
RT: 2.525 min Scan# 244
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 94 Resp: 98864
Ion Ratio Lower Upper
94 100
96 93.4 75.4 113.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

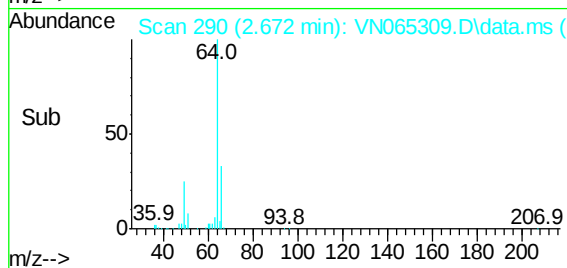
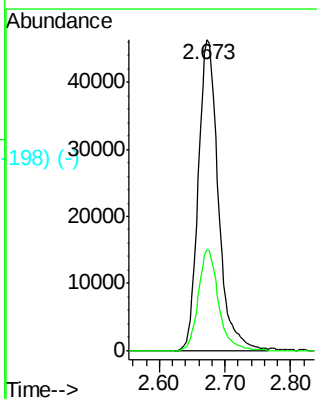
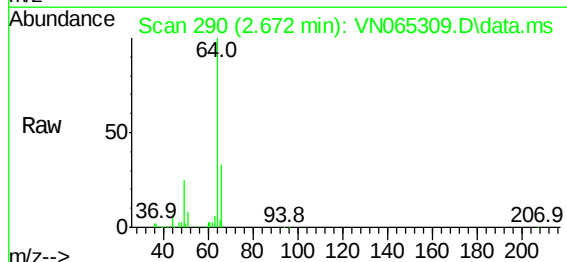
Manual Integrations
APPROVED

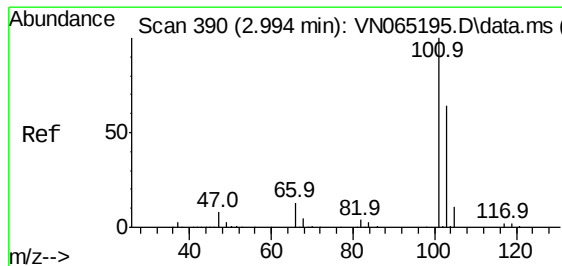
SAM
12/30/2020 2:25:14 PM



Chloroethane
Concen: 49.92 ug/l
RT: 2.672 min Scan# 290
Delta R.T. -0.004 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 64 Resp: 97210
Ion Ratio Lower Upper
64 100
66 32.5 25.6 38.4





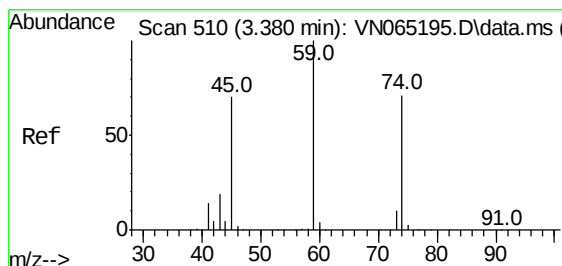
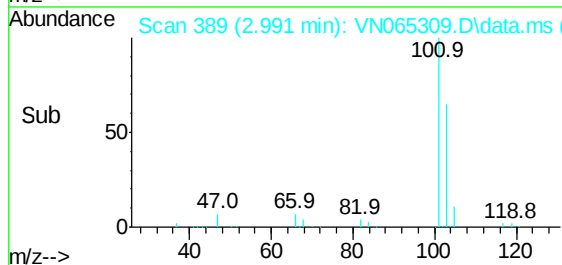
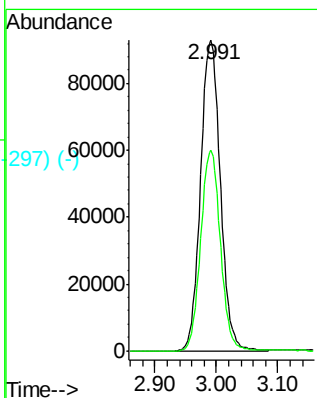
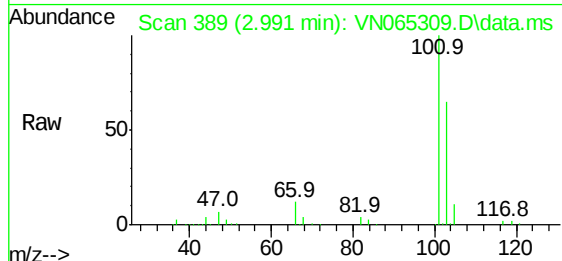
Trichlorofluoromethane
 Concen: 46.02 ug/l
 RT: 2.991 min Scan# 389
 Delta R.T. -0.003 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion: 101 Resp: 207460
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.5 75.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

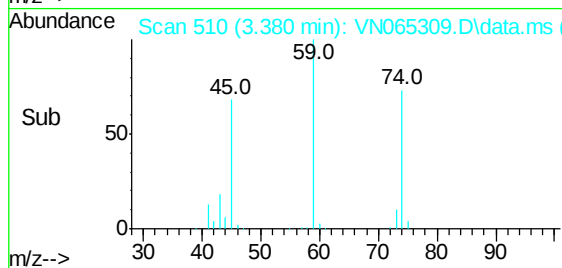
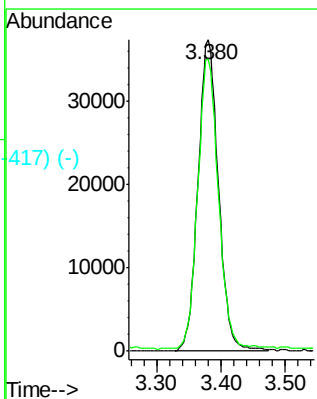
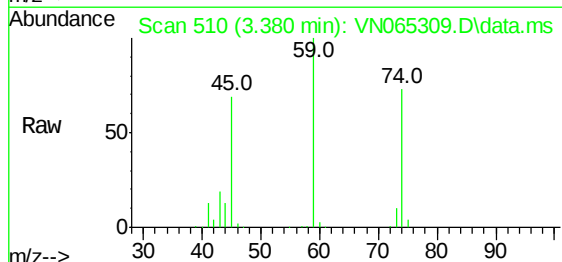
Manual Integrations
 APPROVED

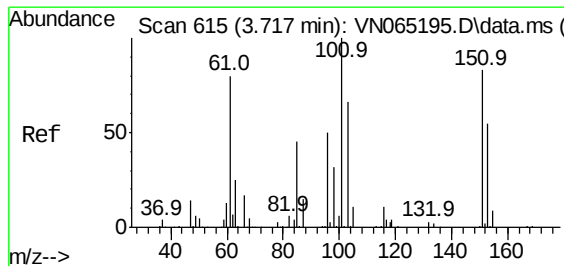
SAM
 12/30/2020 2:25:14 PM



Diethyl Ether
 Concen: 46.40 ug/l
 RT: 3.380 min Scan# 510
 Delta R.T. -0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion: 74 Resp: 82358
 Ion Ratio Lower Upper
 74 100
 45 93.8 48.9 146.8





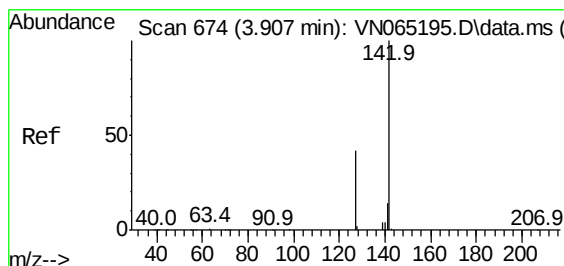
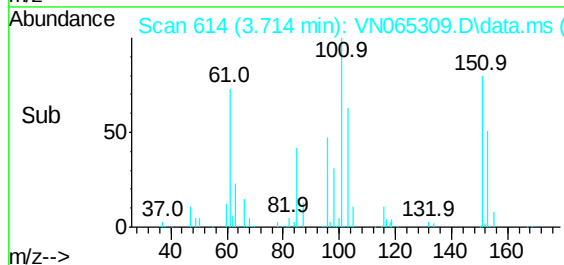
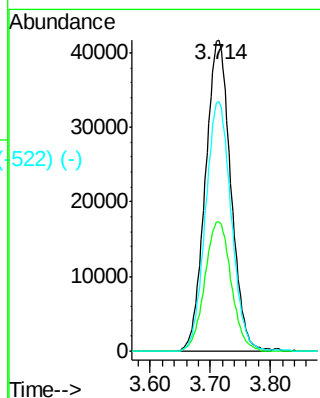
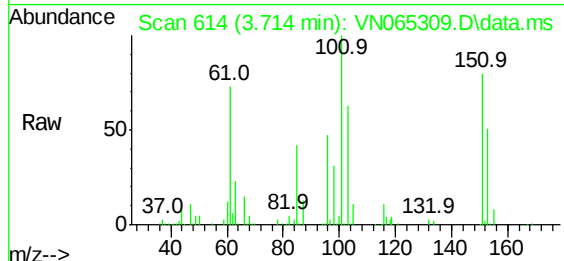
Scan 615 (3.717 min): VN065195.D\data.ms (-559) (-)
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.66 ug/l
 RT: 3.714 min Scan# 614
 Delta R.T. -0.003 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	101	Resp:	120492
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	81.1	64.0	96.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

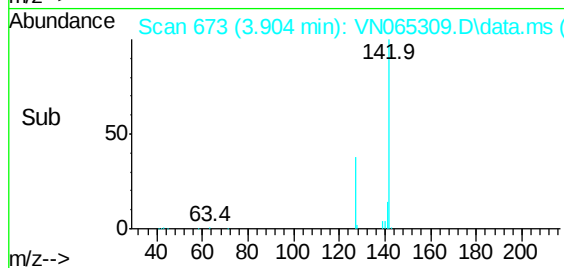
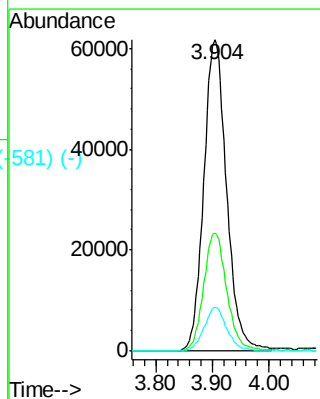
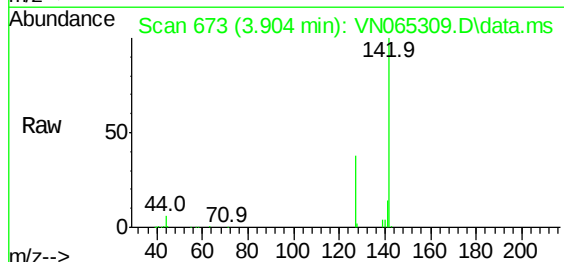
Manual Integrations
 APPROVED

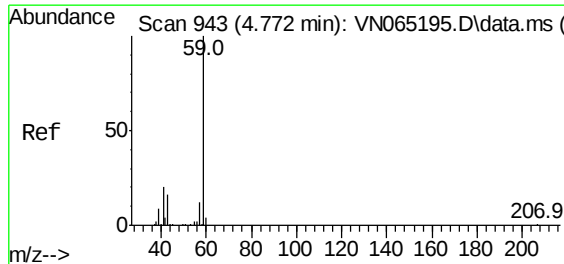
SAM
 12/30/2020 2:25:14 PM



Scan 674 (3.907 min): VN065195.D\data.ms (-654) (-)
 Methyl Iodide
 Concen: 44.84 ug/l
 RT: 3.904 min Scan# 673
 Delta R.T. -0.003 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	142	Resp:	171266
Ion Ratio	Lower	Upper	
142	100		
127	38.0	35.0	52.6
141	13.6	11.8	17.6





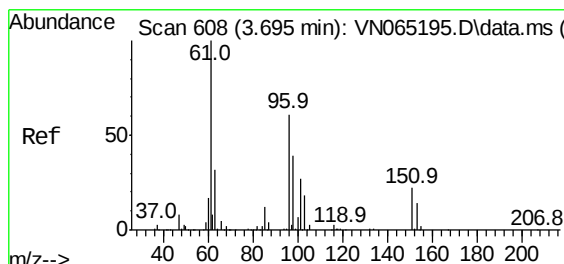
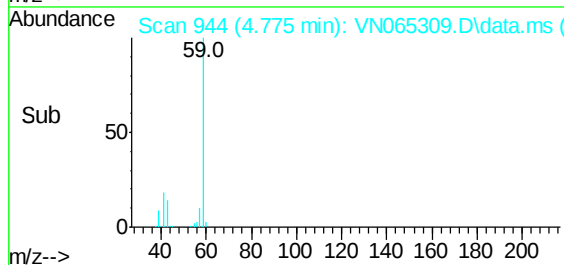
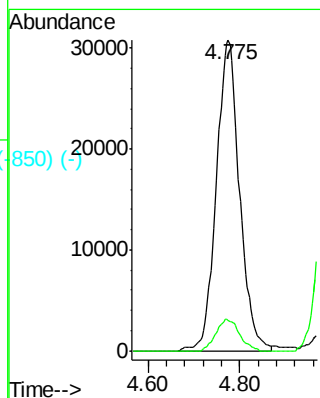
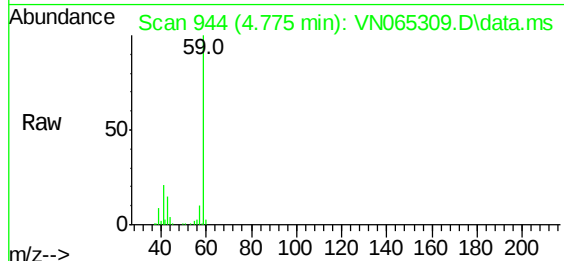
Tert butyl alcohol
Concen: 211.88 ug/l
RT: 4.775 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 59 Resp: 107638
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

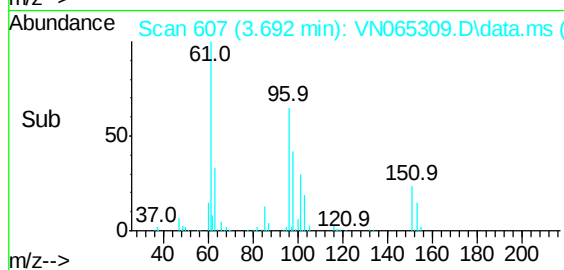
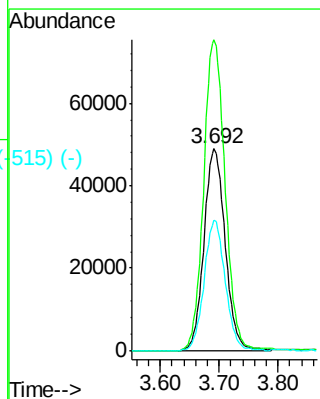
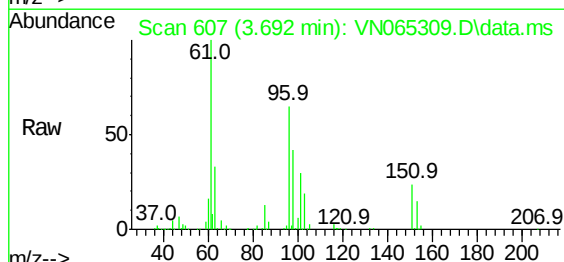
Manual Integrations
APPROVED

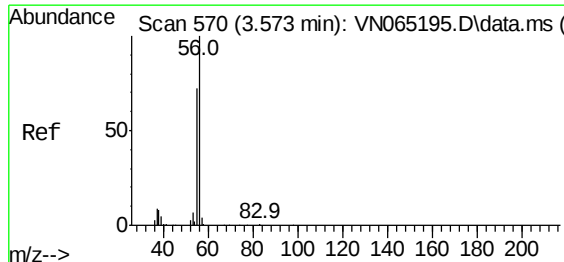
SAM
12/30/2020 2:25:14 PM



1,1-Dichloroethene
Concen: 45.30 ug/l
RT: 3.692 min Scan# 607
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 96 Resp: 122358
Ion Ratio Lower Upper
96 100
61 154.3 123.4 185.2
98 64.5 49.8 74.8





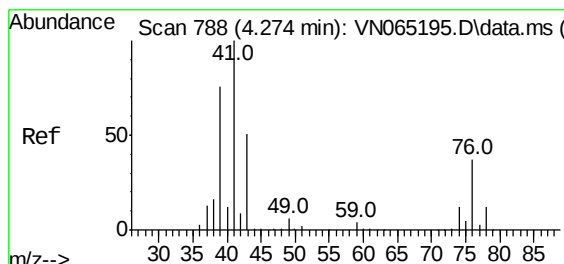
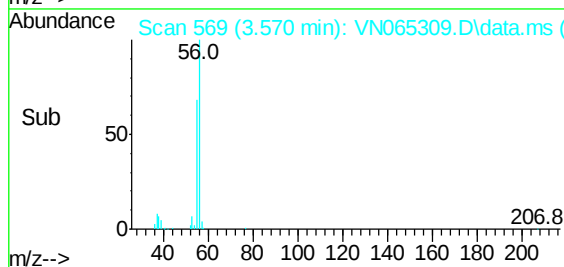
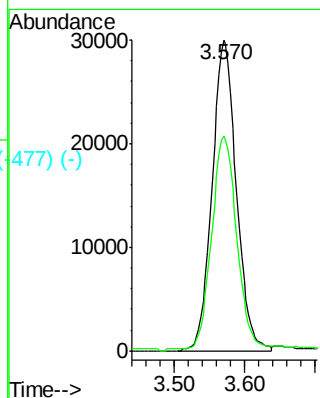
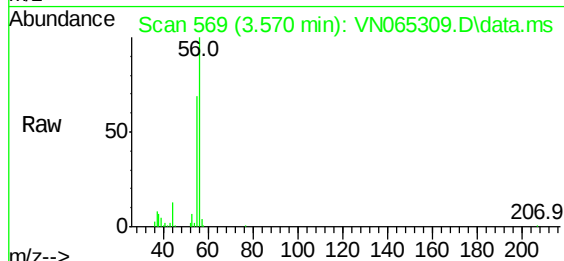
#509 (-)
Acrolein
Concen: 208.92 ug/l
RT: 3.570 min Scan# 569
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 56 Resp: 71644
Ion Ratio Lower Upper
56 100
55 72.5 56.5 84.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

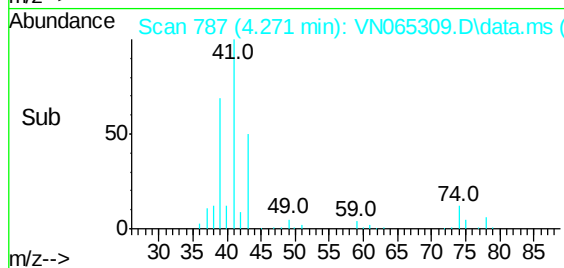
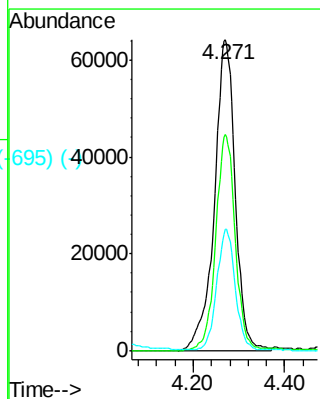
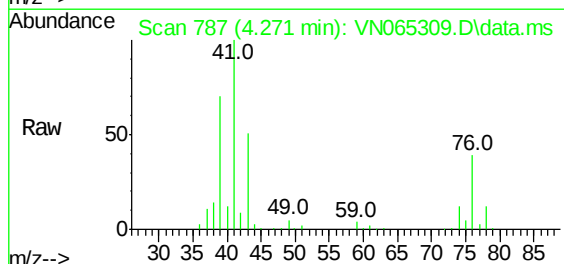
Manual Integrations
APPROVED

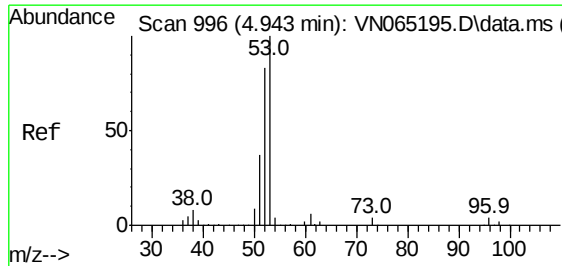
SAM
12/30/2020 2:25:14 PM



#704 (-)
Allyl chloride
Concen: 45.32 ug/l
RT: 4.271 min Scan# 787
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 41 Resp: 201789
Ion Ratio Lower Upper
41 100
39 65.1 50.9 76.3
76 34.1 29.0 43.4





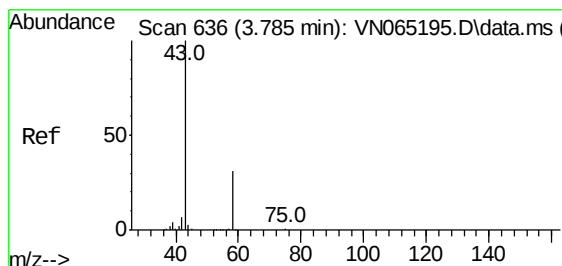
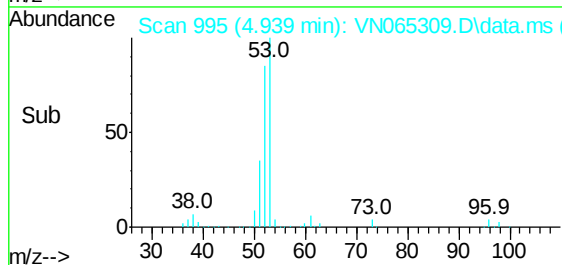
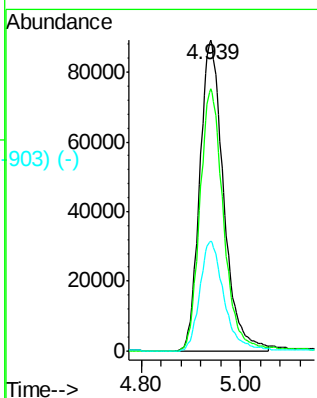
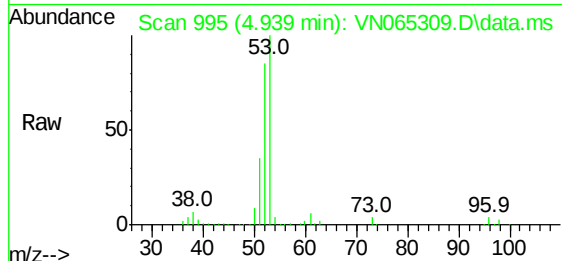
Acrylonitrile
Concen: 240.98 ug/l
RT: 4.939 min Scan# 995
Delta R.T. -0.004 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 53 Resp: 295841
Ion Ratio Lower Upper
53 100
52 83.6 65.5 98.3
51 35.8 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

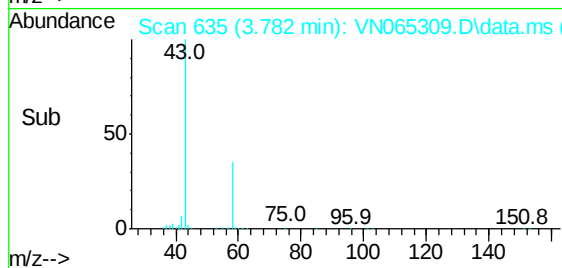
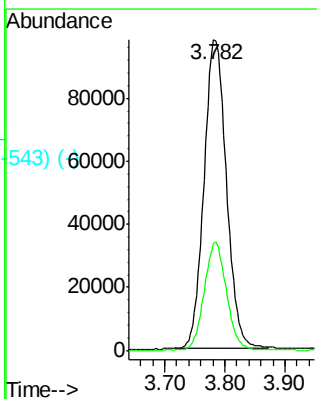
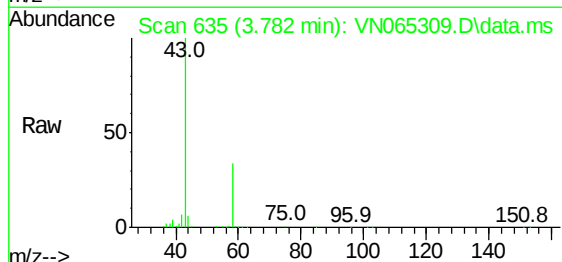
Manual Integrations
APPROVED

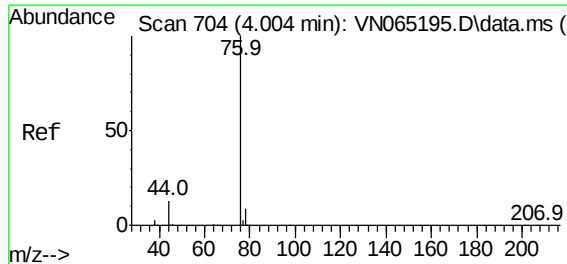
SAM
12/30/2020 2:25:14 PM



Acetone
Concen: 188.54 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 43 Resp: 249093
Ion Ratio Lower Upper
43 100
58 34.5 25.7 38.5





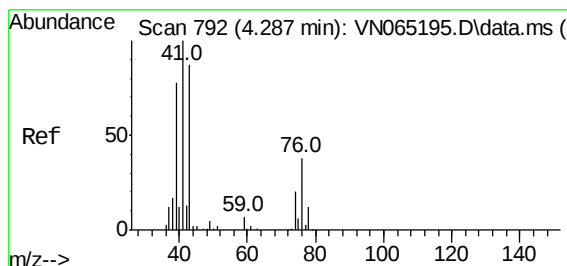
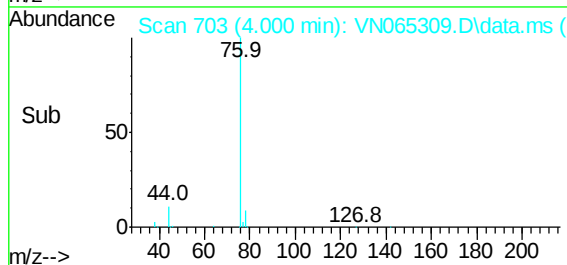
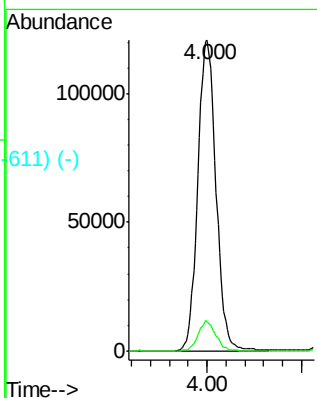
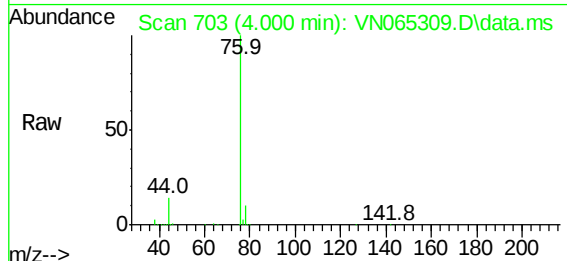
Carbon Disulfide
Concen: 46.36 ug/l
RT: 4.000 min Scan# 703
Delta R.T. -0.004 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 76 Resp: 320466
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

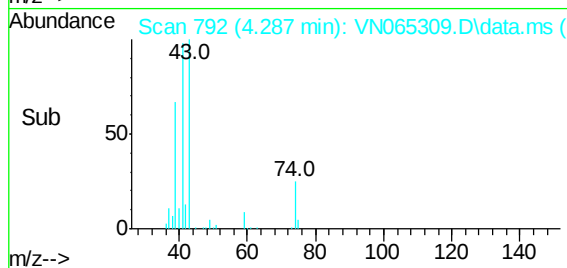
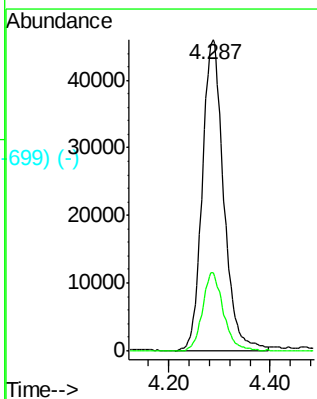
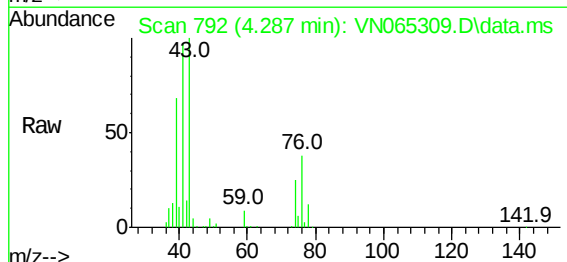
Manual Integrations
APPROVED

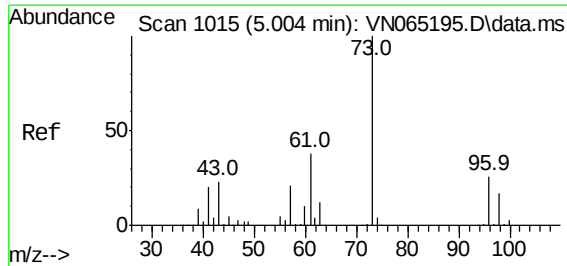
SAM
12/30/2020 2:25:14 PM



Methyl Acetate
Concen: 48.30 ug/l
RT: 4.287 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 43 Resp: 134638
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.2





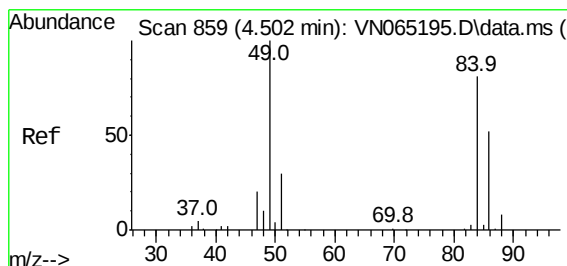
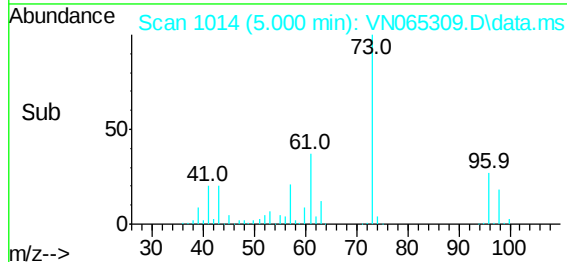
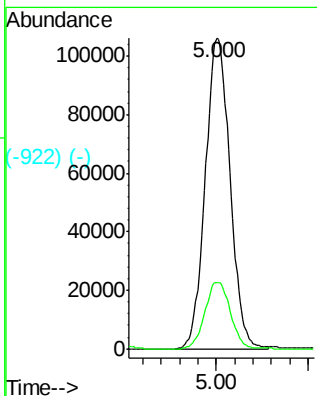
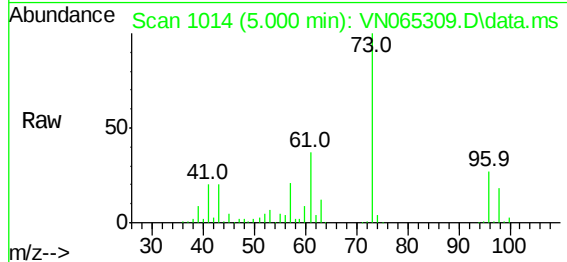
(-922) (-)
Methyl tert-butyl Ether
Concen: 46.28 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. -0.004 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 397087
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

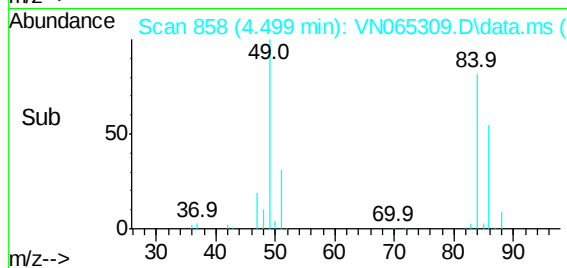
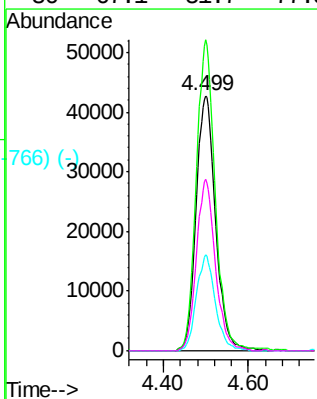
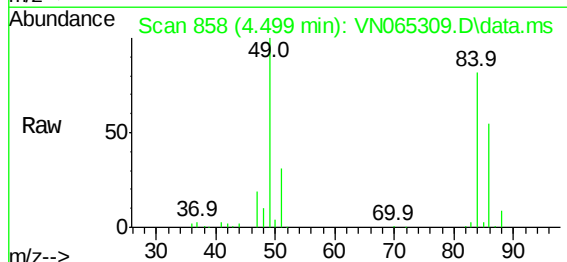
Manual Integrations
APPROVED

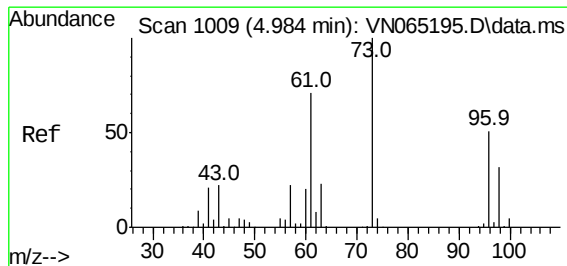
SAM
12/30/2020 2:25:14 PM



(-872) (-)
Methylene Chloride
Concen: 44.54 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 84 Resp: 134909
Ion Ratio Lower Upper
84 100
49 122.1 93.4 140.0
51 37.6 28.2 42.4
86 67.1 51.7 77.5





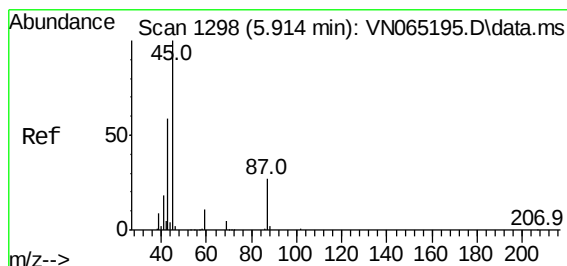
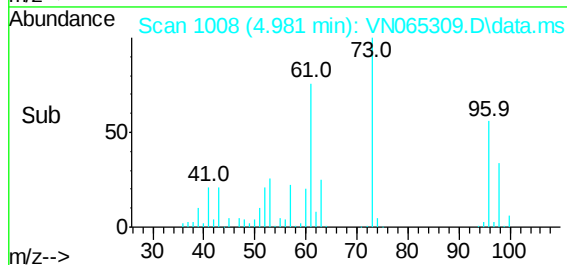
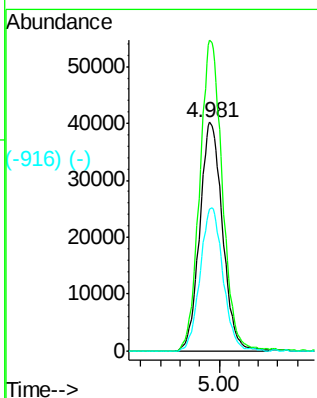
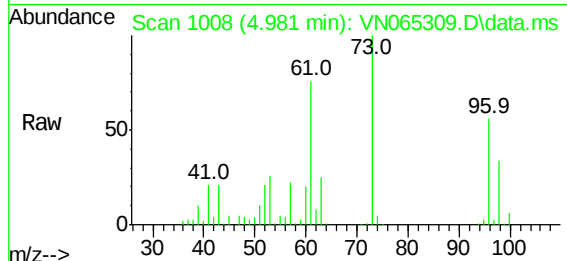
(-821) (-)
 trans-1,2-Dichloroethene
 Concen: 48.65 ug/l
 RT: 4.981 min Scan# 1008
 Delta R.T. -0.003 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion: 96 Resp: 129030
 Ion Ratio Lower Upper
 96 100
 61 136.1 108.4 162.6
 98 61.8 51.3 76.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

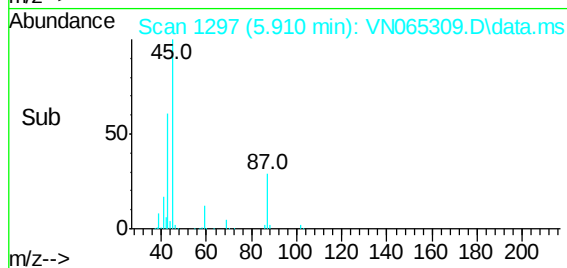
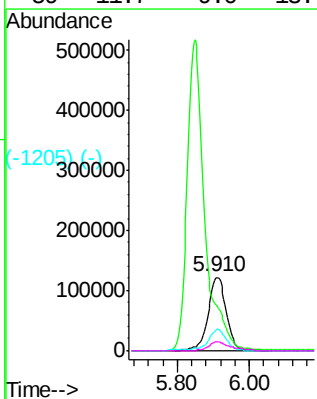
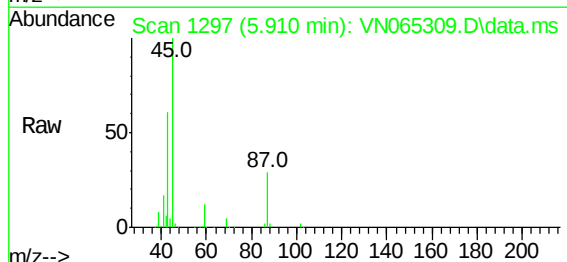
Manual Integrations
 APPROVED

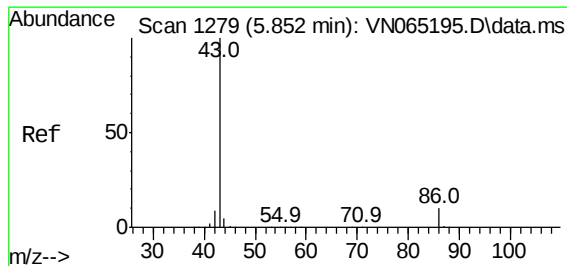
SAM
 12/30/2020 2:25:14 PM



(-1261) (-)
 Diisopropyl ether
 Concen: 47.36 ug/l
 RT: 5.910 min Scan# 1297
 Delta R.T. -0.004 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion: 45 Resp: 419801
 Ion Ratio Lower Upper
 45 100
 43 59.3 46.2 69.2
 87 28.8 24.1 36.1
 59 11.7 9.0 13.4



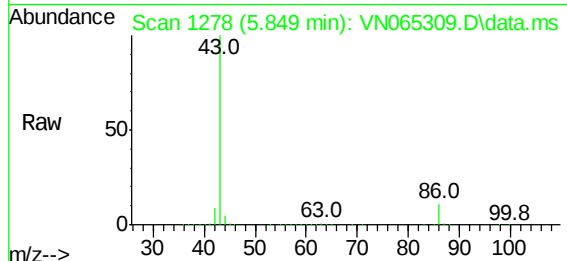


#1291 (-)
Vinyl Acetate
Concen: 233.81 ug/l
RT: 5.849 min Scan# 1278
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

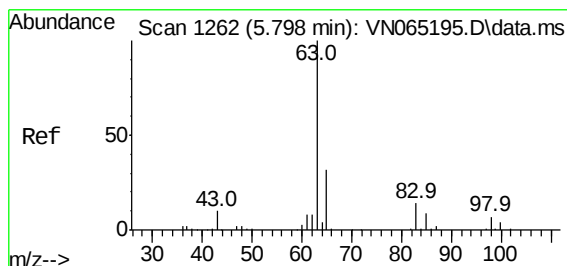
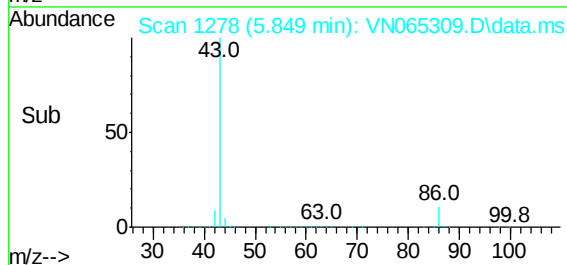
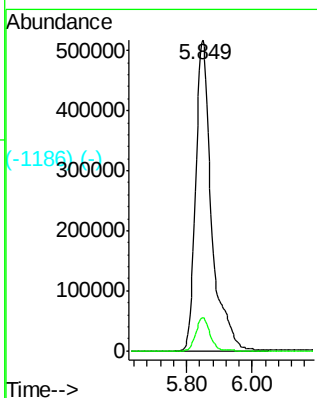
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM

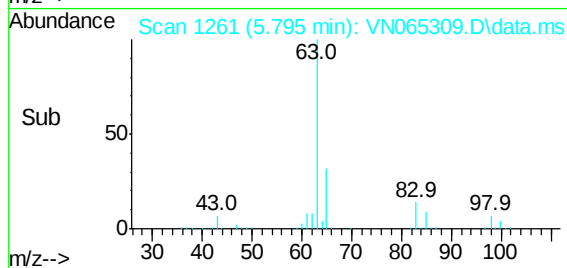
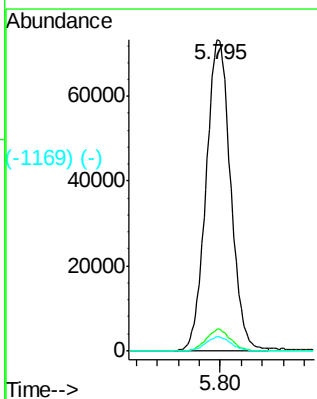
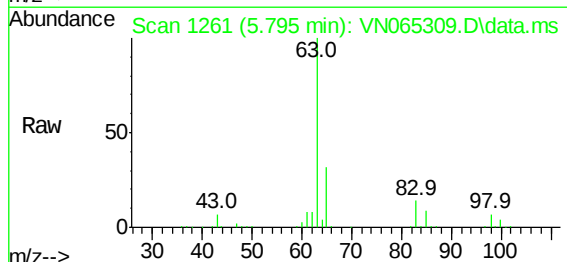


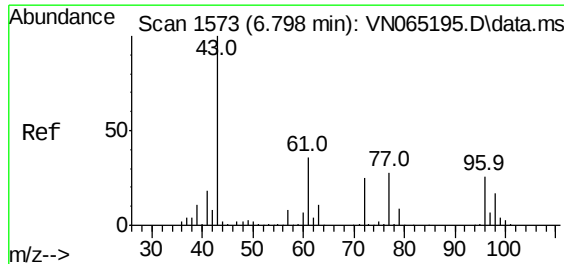
Tgt Ion: 43 Resp: 1746686
Ion Ratio Lower Upper
43 100
86 10.7 8.9 13.3



#1237 (-)
1,1-Dichloroethane
Concen: 48.70 ug/l
RT: 5.795 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 63 Resp: 236766
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.5
100 4.4 2.3 6.8



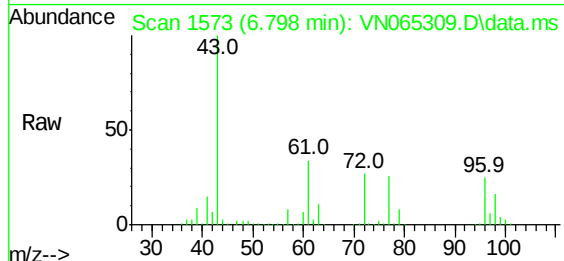


#157 (-)
2-Butanone
Concen: 225.05 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

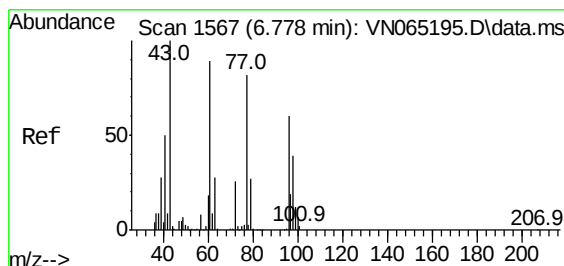
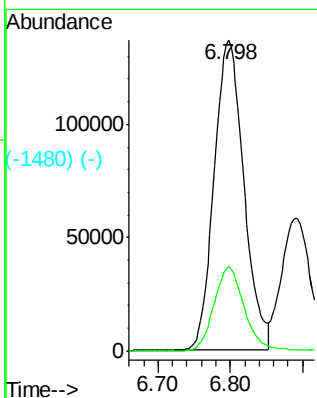
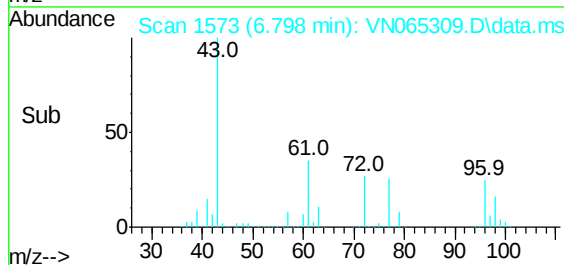
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM

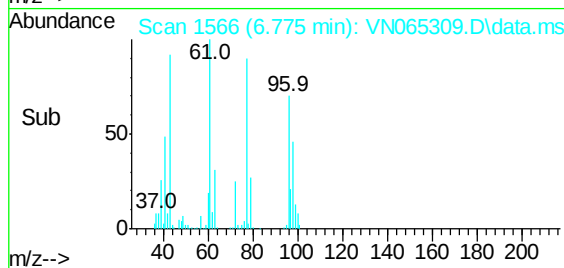
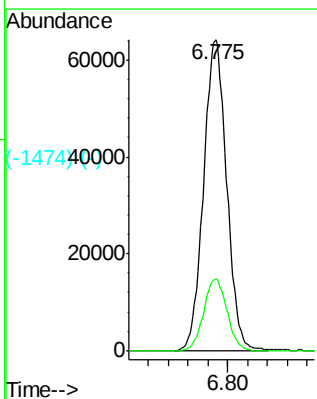
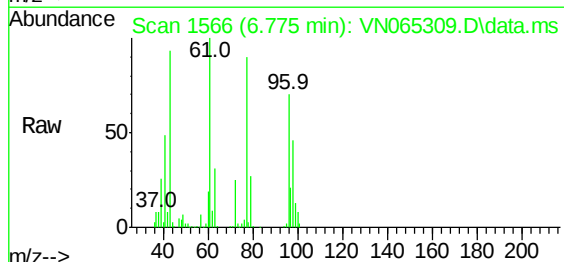


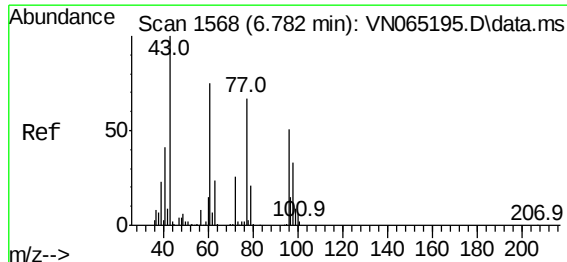
Tgt Ion: 43 Resp: 392275
Ion Ratio Lower Upper
43 100
72 27.0 21.0 31.6



#156 (-)
2,2-Dichloropropane
Concen: 44.25 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

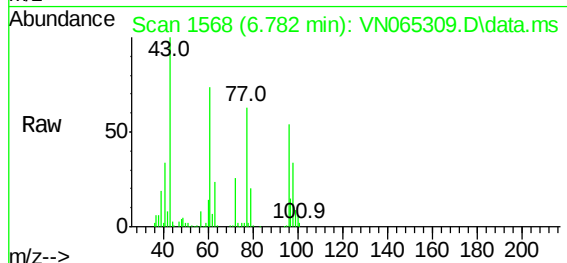
Tgt Ion: 77 Resp: 205555
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#1576 (-)
cis-1,2-Dichloroethene
Concen: 49.22 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

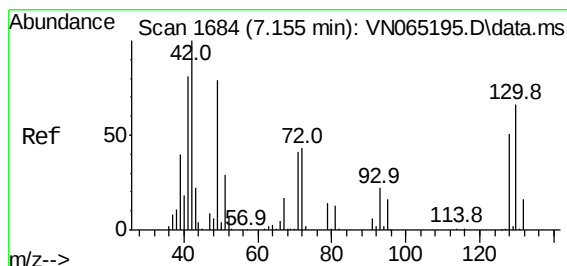
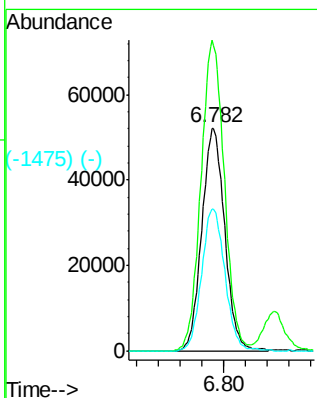
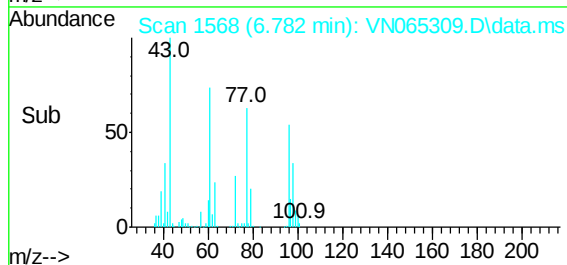
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



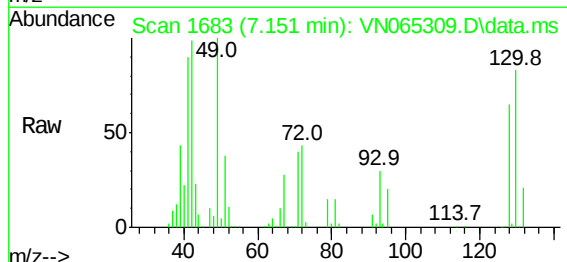
Tgt Ion: 96 Resp: 151919
Ion Ratio Lower Upper
96 100
61 142.1 0.0 285.8
98 65.0 0.0 130.6

Manual Integrations
APPROVED

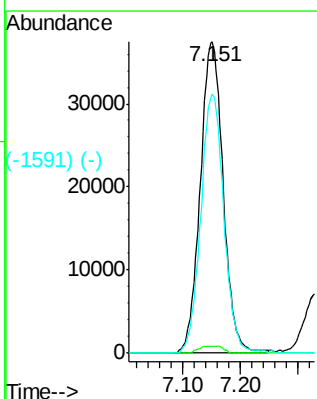
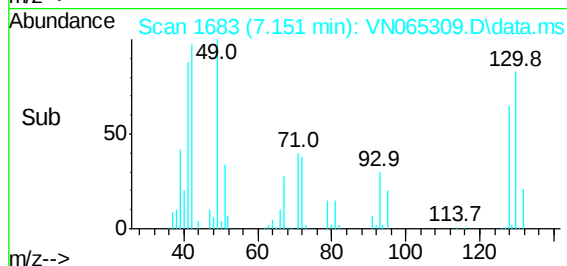
SAM
12/30/2020 2:25:14 PM

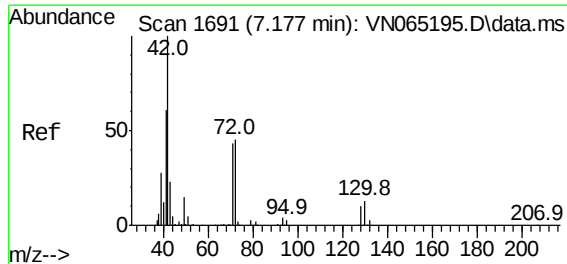


#1683 (-)
Bromochloromethane
Concen: 46.32 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. -0.004 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



Tgt Ion: 49 Resp: 102332
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 83.6 66.2 99.2





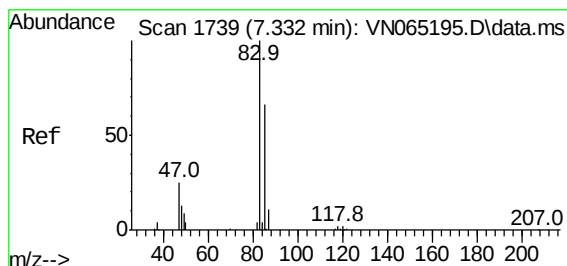
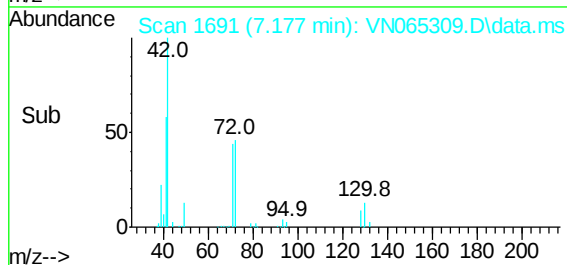
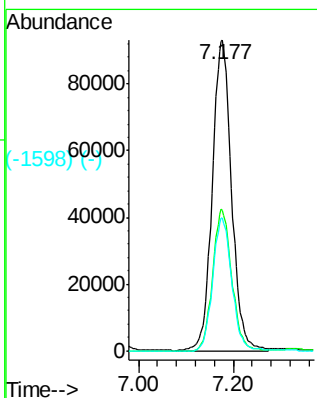
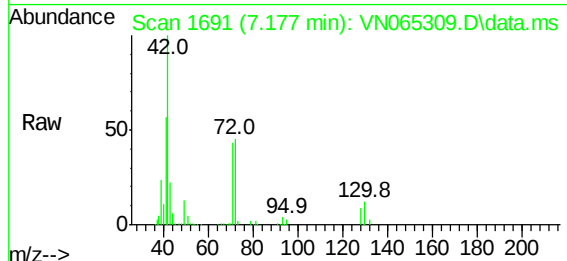
#260 (-)
Tetrahydrofuran
Concen: 232.73 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 42 Resp: 262323
Ion Ratio Lower Upper
42 100
72 45.1 36.6 54.8
71 42.3 33.6 50.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

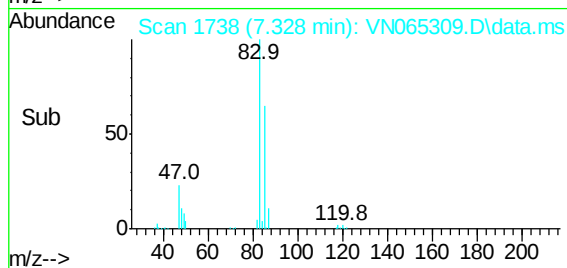
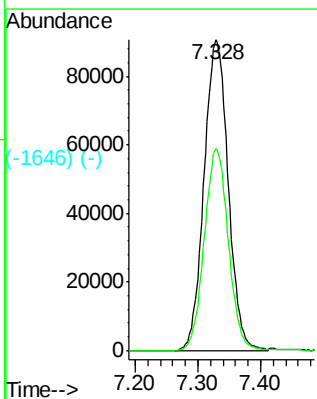
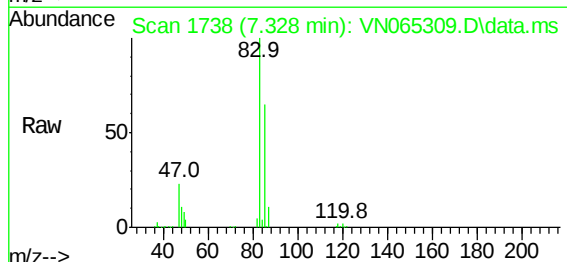
Manual Integrations
APPROVED

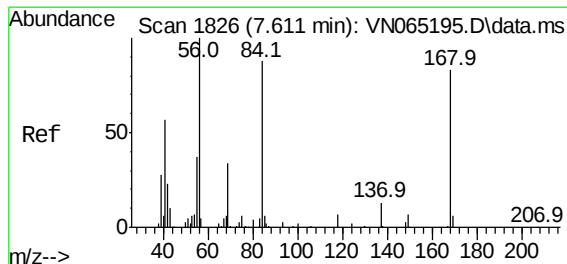
SAM
12/30/2020 2:25:14 PM



#261 (-)
Chloroform
Concen: 48.10 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. -0.004 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 83 Resp: 240741
Ion Ratio Lower Upper
83 100
85 65.1 52.6 78.8



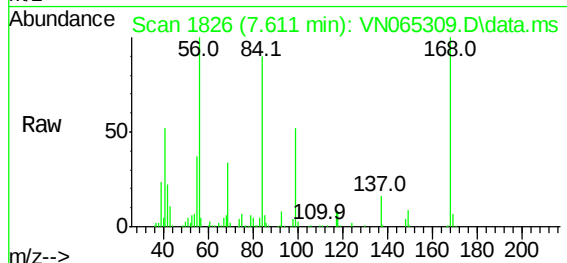


(-1805) (-)
Cyclohexane
Concen: 45.64 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

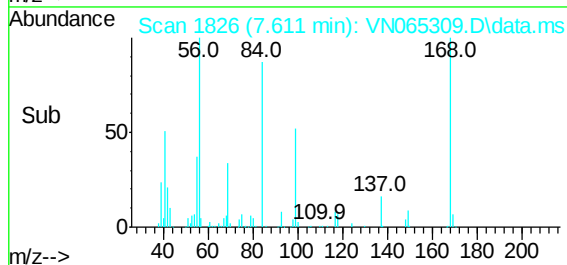
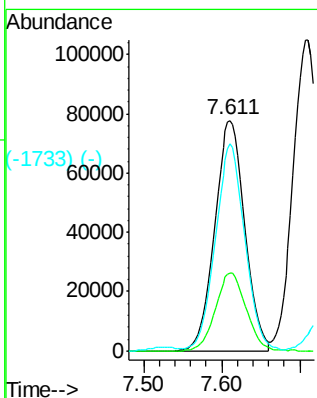
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

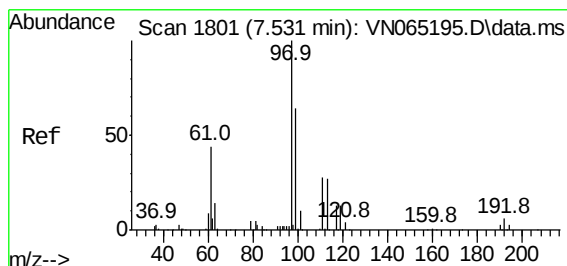
SAM
12/30/2020 2:25:14 PM



Tgt Ion: 56 Resp: 209234
Ion Ratio Lower Upper
56 100
69 33.9 27.5 41.3
84 88.7 73.9 110.9

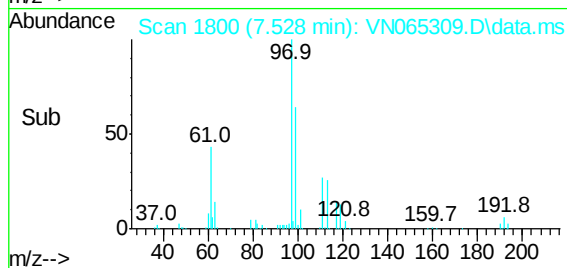
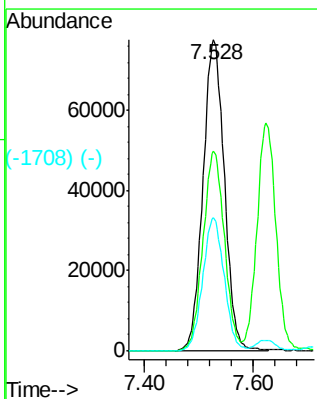
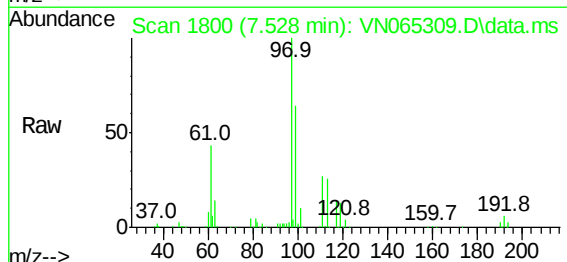


(-1733) (-)

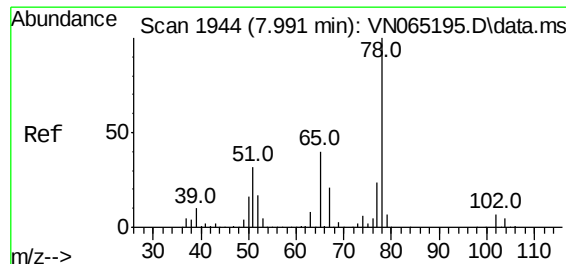


(-1829) (-)
1,1,1-Trichloroethane
Concen: 46.48 ug/l
RT: 7.528 min Scan# 1800
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 97 Resp: 210784
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 42.8 33.9 50.9



(-1708) (-)



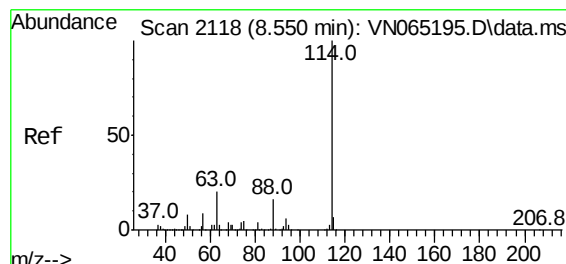
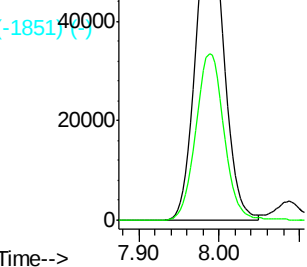
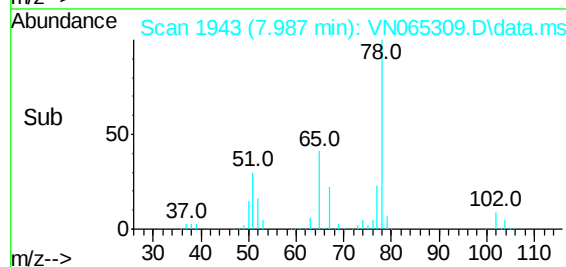
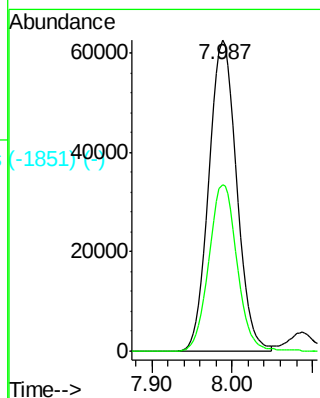
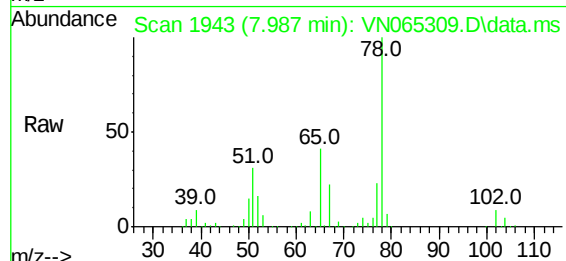
(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 46.98 ug/l
 RT: 7.987 min Scan# 1943
 Delta R.T. -0.004 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion: 65 Resp: 145864
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.2

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

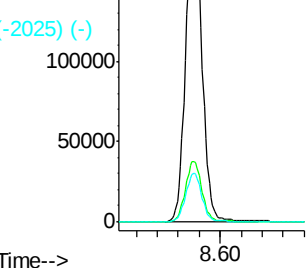
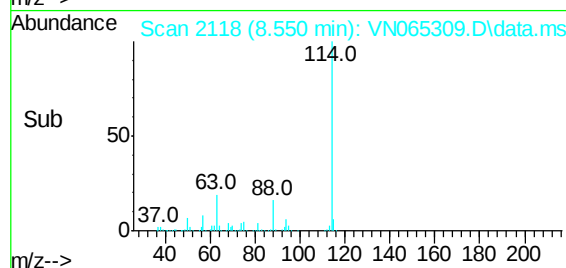
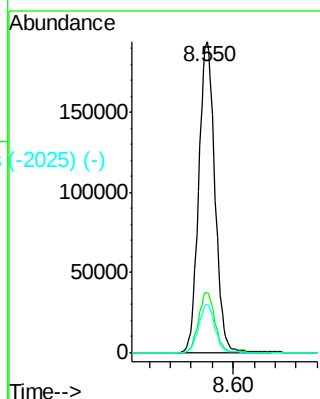
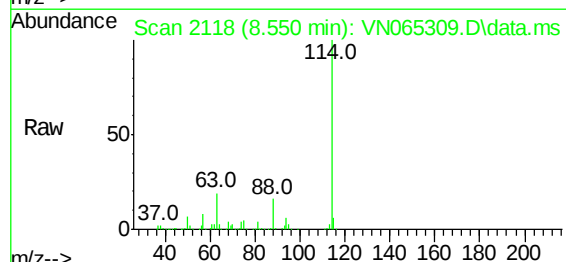
Manual Integrations
 APPROVED

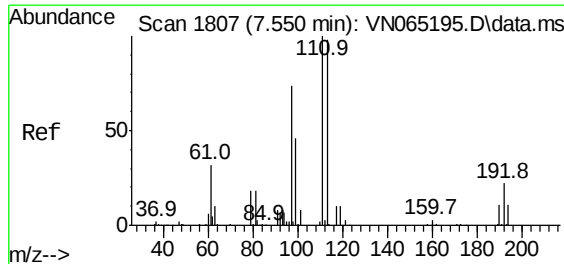
SAM
 12/30/2020 2:25:14 PM



(-2361) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:114 Resp: 410452
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.6 0.0 32.6





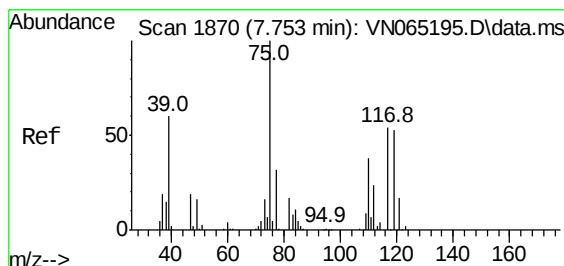
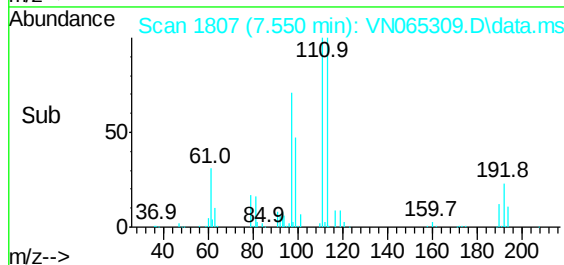
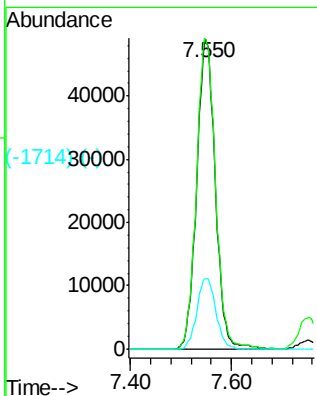
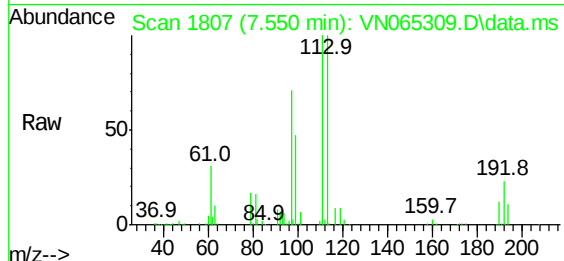
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 124568
Ion Ratio Lower Upper
113 100
111 101.5 81.6 122.4
192 23.0 16.2 24.2

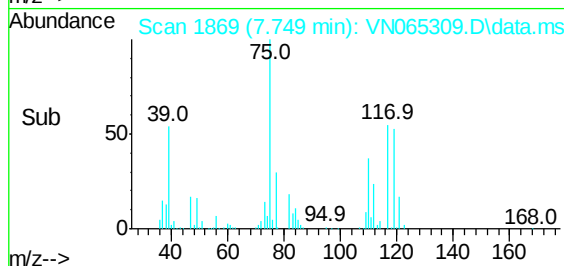
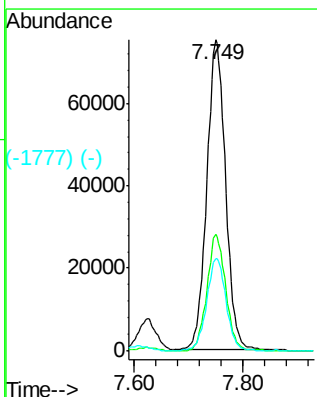
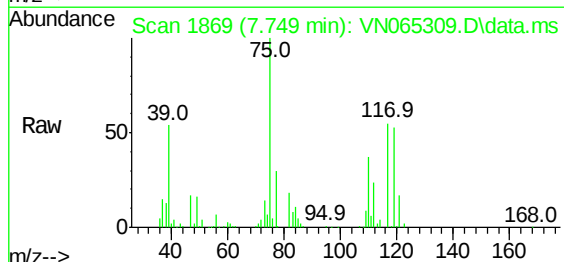
Manual Integrations
APPROVED

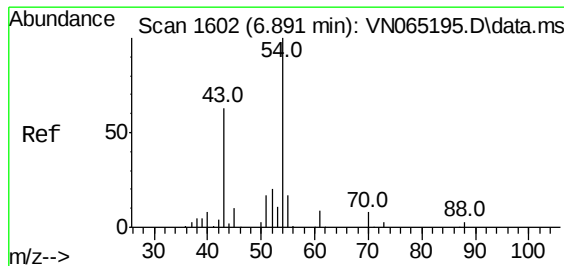
SAM
12/30/2020 2:25:14 PM



1,1-Dichloropropene
Concen: 48.27 ug/l
RT: 7.749 min Scan# 1869
Delta R.T. -0.004 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

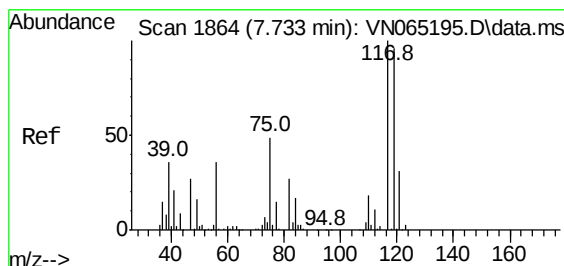
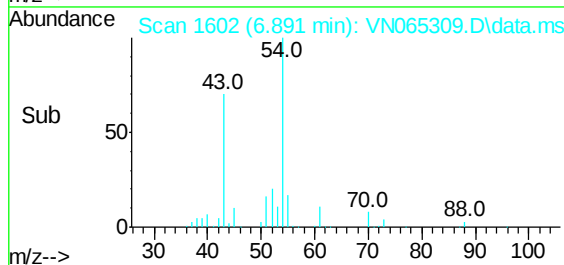
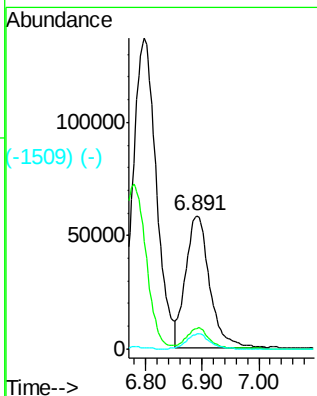
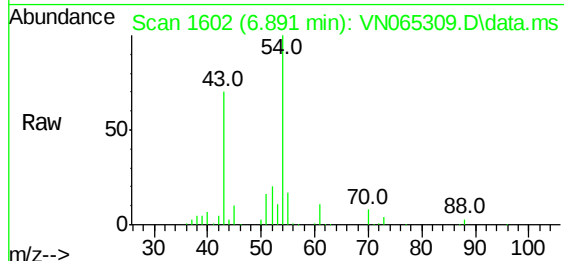
Tgt Ion: 75 Resp: 180160
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.3
77 30.5 25.0 37.4





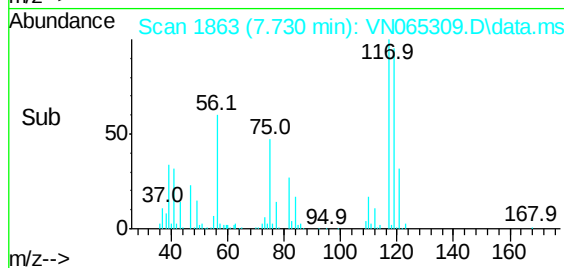
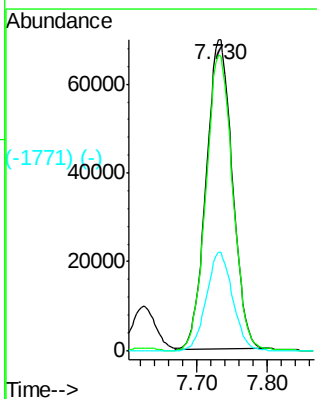
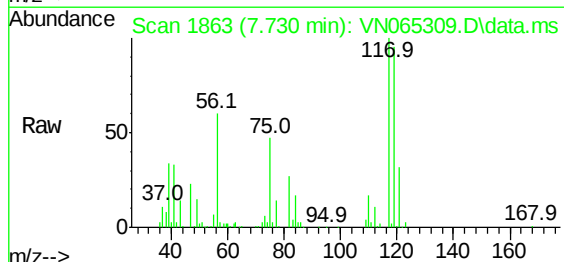
#191 (-)
Ethyl Acetate
Concen: 46.08 ug/l
RT: 6.891 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 43 Resp: 170459
Ion Ratio Lower Upper
43 100
61 14.6 12.8 19.2
70 10.7 8.8 13.2



#186 (-)
Carbon Tetrachloride
Concen: 46.00 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

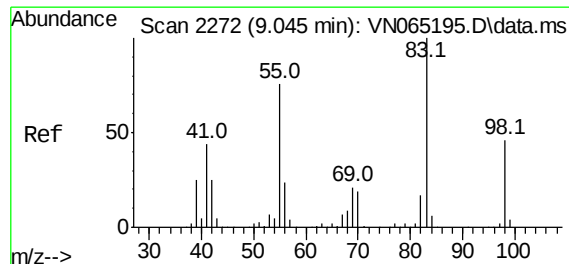
Tgt Ion: 117 Resp: 180308
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1
121 31.7 25.4 38.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM



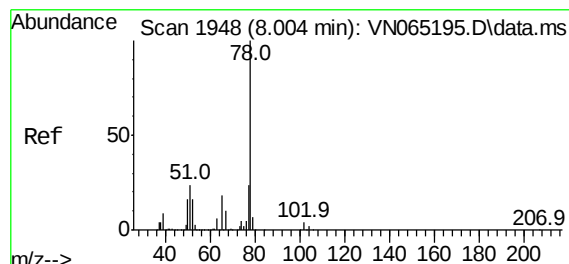
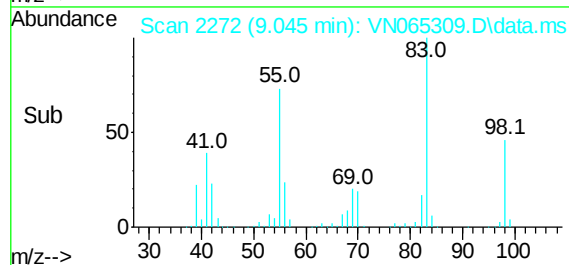
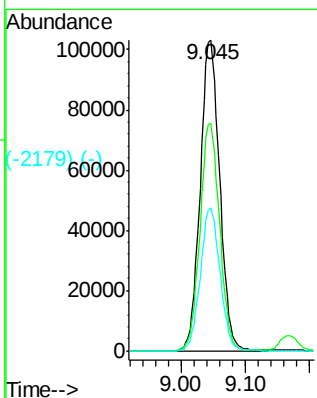
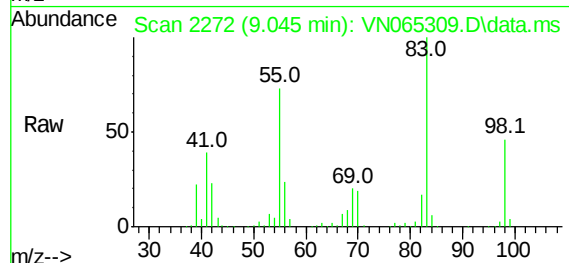
(-2295) (-)
Methylcyclohexane
Concen: 48.40 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 217037
Ion Ratio Lower Upper
83 100
55 73.3 60.2 90.2
98 45.9 37.4 56.2

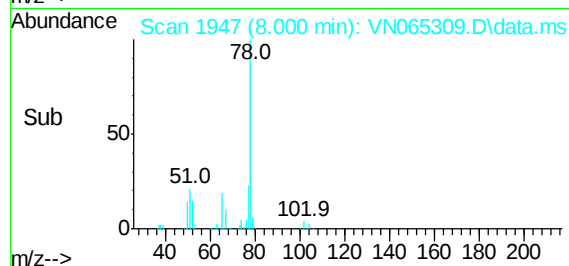
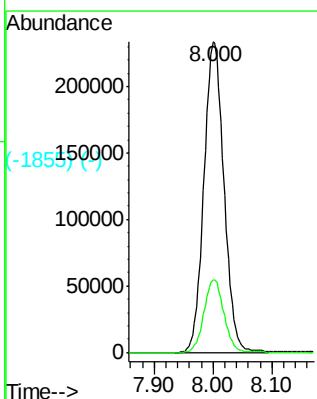
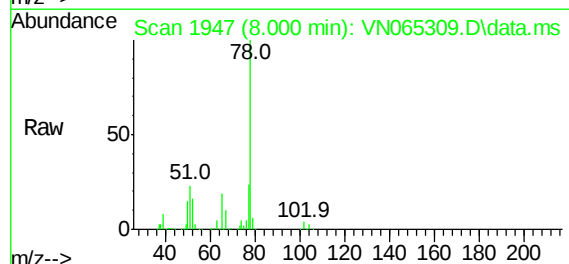
Manual Integrations
APPROVED

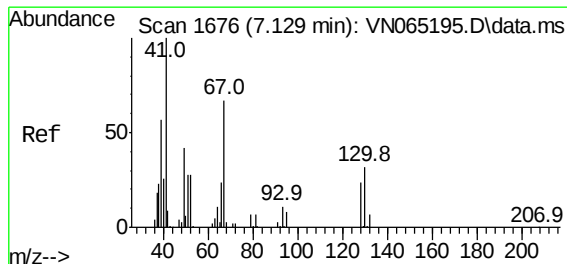
SAM
12/30/2020 2:25:14 PM



(-1428) (-)
Benzene
Concen: 49.55 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. -0.004 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 78 Resp: 550127
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9



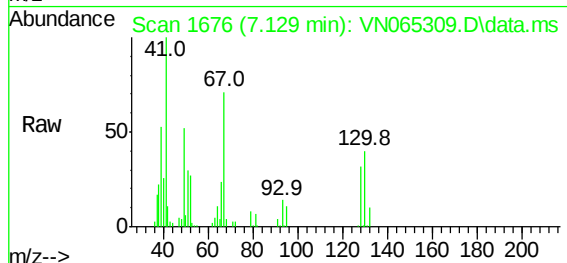


(-1410) (-)
Methacrylonitrile
Concen: 44.96 ug/l
RT: 7.129 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

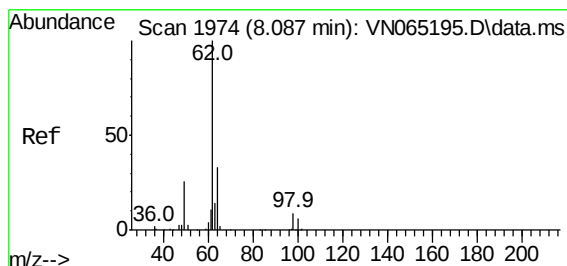
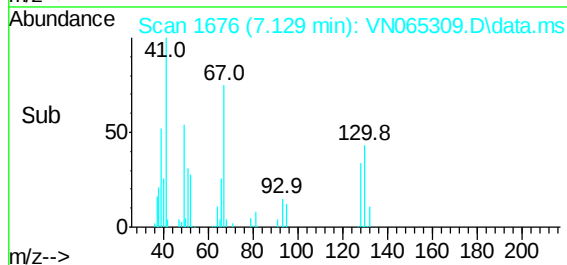
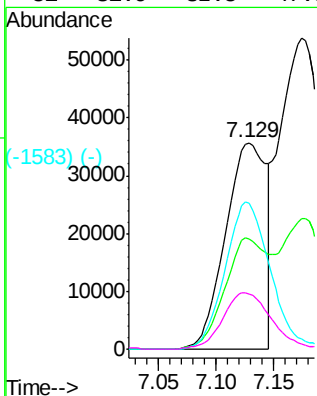
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM

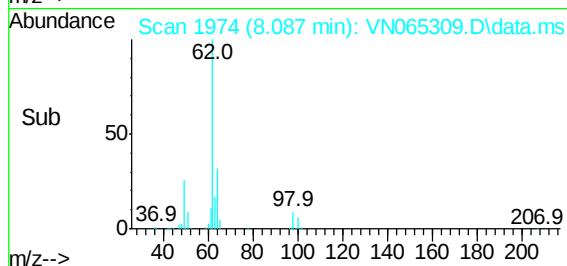
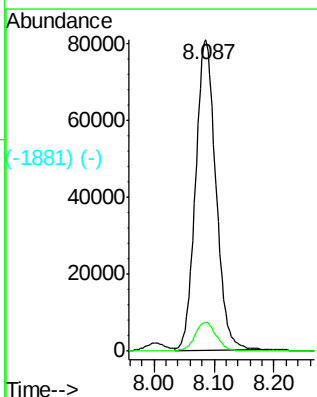
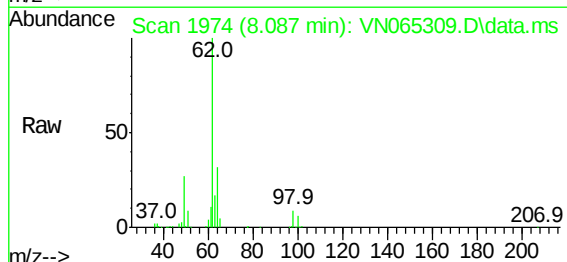


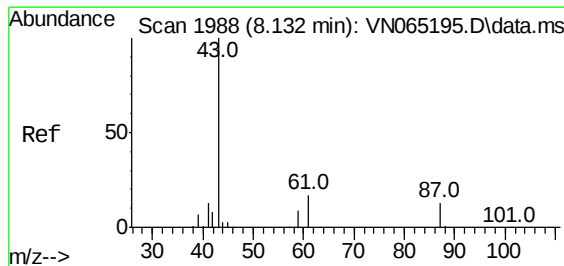
Tgt Ion: 41 Resp: 86549
Ion Ratio Lower Upper
41 100
39 57.2 51.0 76.6
67 80.1 79.8 119.8
52 32.9 31.5 47.3



(-1498) (-)
1,2-Dichloroethane
Concen: 45.65 ug/l
RT: 8.087 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 62 Resp: 187306
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.6





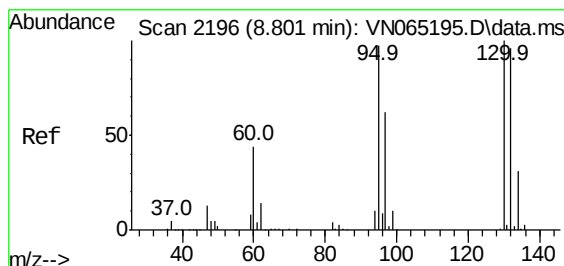
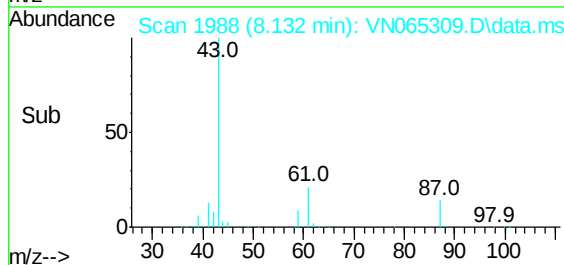
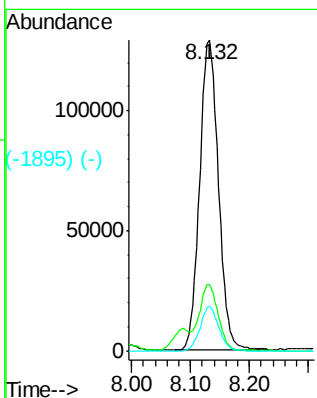
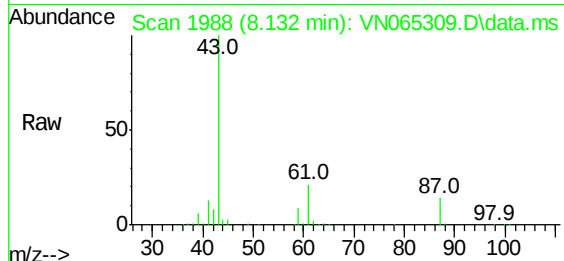
(-438) (-)
Isopropyl Acetate
Concen: 45.28 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 43 Resp: 288711
Ion Ratio Lower Upper
43 100
61 21.8 17.2 25.8
87 13.9 11.4 17.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

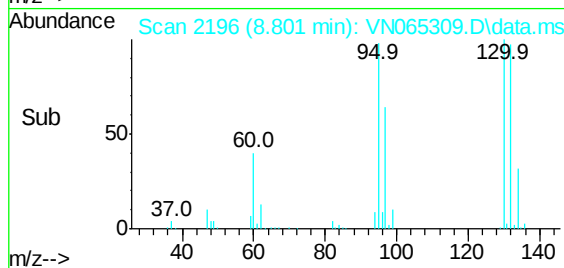
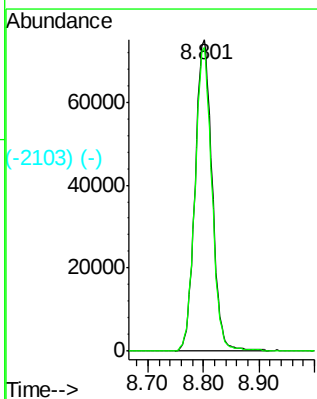
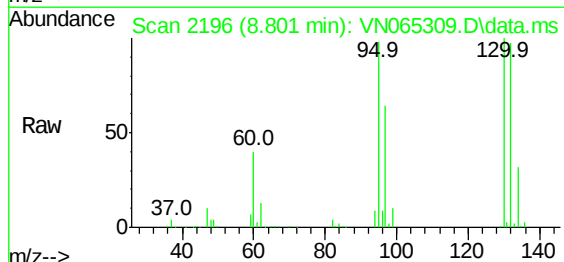
Manual Integrations
APPROVED

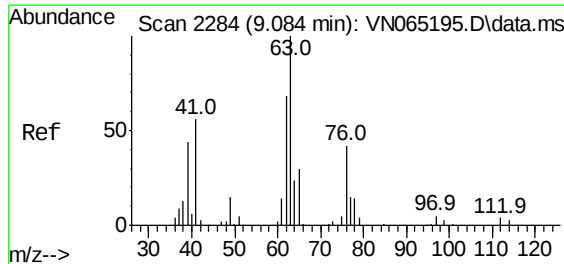
SAM
12/30/2020 2:25:14 PM



(-2140) (-)
Trichloroethene
Concen: 49.23 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:130 Resp: 157754
Ion Ratio Lower Upper
130 100
95 97.6 0.0 197.8





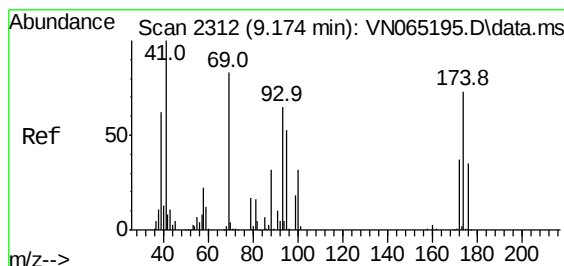
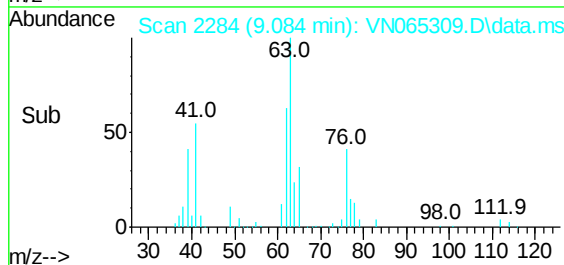
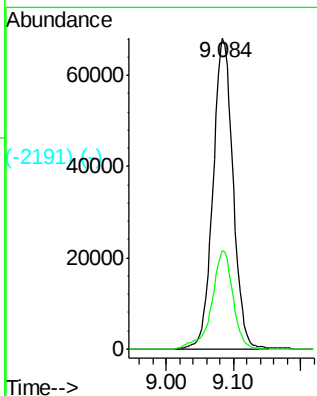
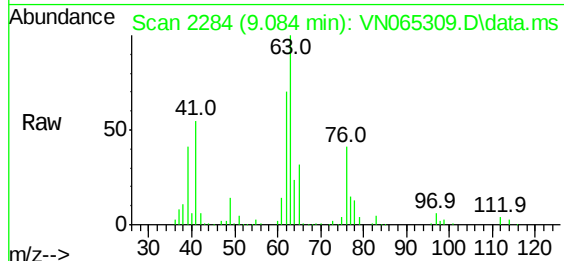
#452 (-)
1,2-Dichloropropane
Concen: 49.13 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 63 Resp: 141785
Ion Ratio Lower Upper
63 100
65 31.7 25.0 37.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

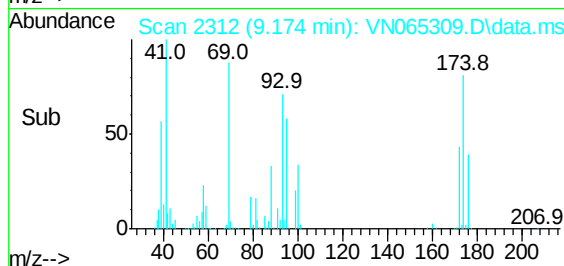
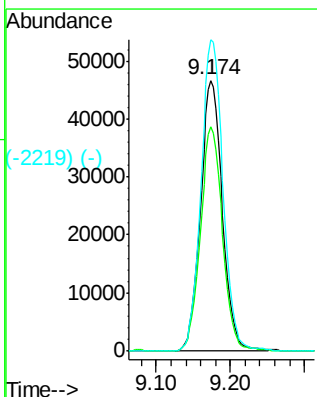
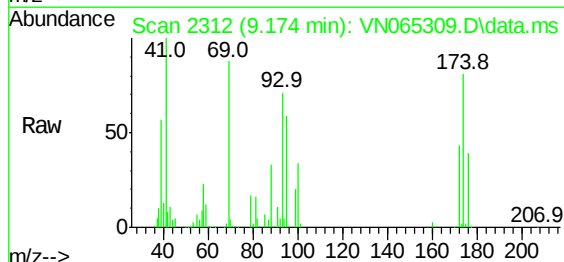
Manual Integrations
APPROVED

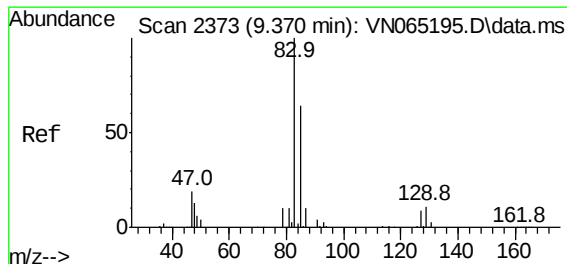
SAM
12/30/2020 2:25:14 PM



#457 (-)
Dibromomethane
Concen: 48.44 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 93 Resp: 94950
Ion Ratio Lower Upper
93 100
95 83.5 68.8 103.2
174 116.0 83.1 124.7





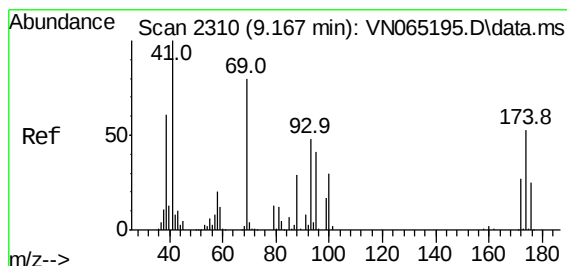
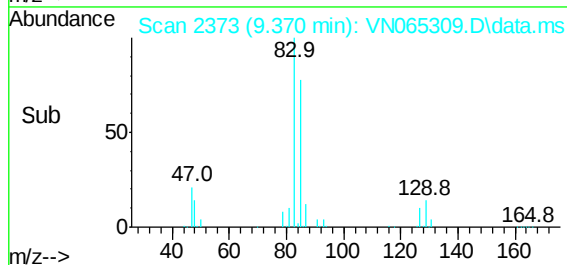
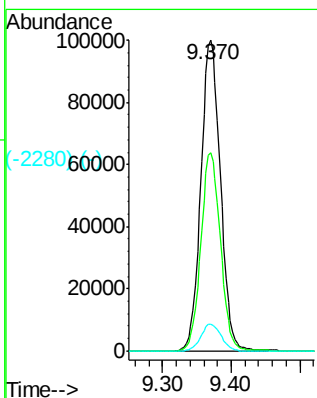
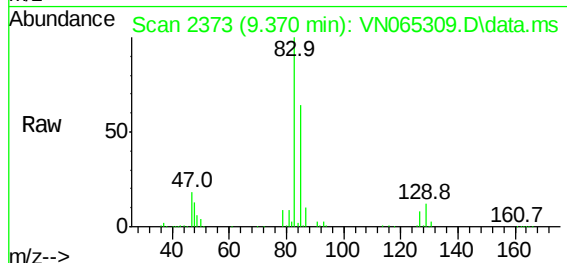
(-237) (-)
Bromodichloromethane
Concen: 47.61 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 196774
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8
127 8.5 6.8 10.2

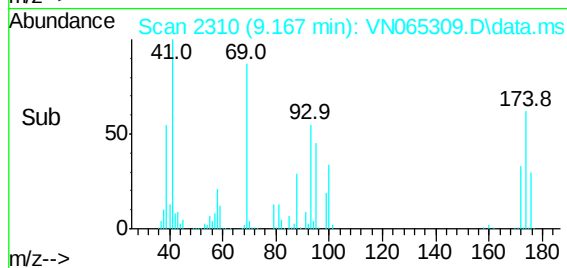
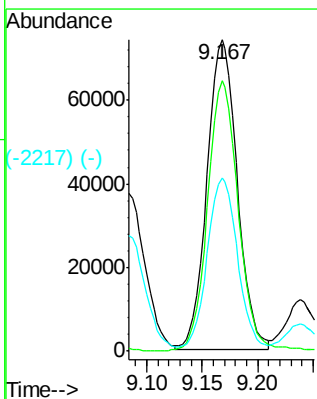
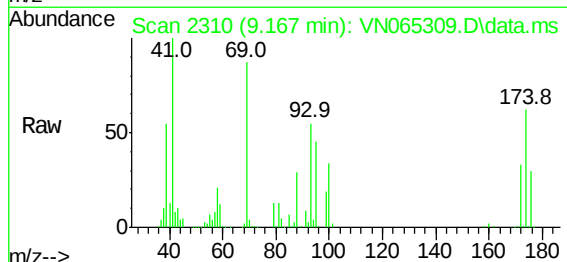
Manual Integrations
APPROVED

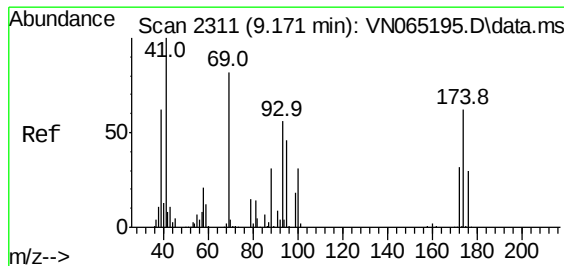
SAM
12/30/2020 2:25:14 PM



(-238) (-)
Methyl methacrylate
Concen: 45.59 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 41 Resp: 141091
Ion Ratio Lower Upper
41 100
69 88.2 71.8 107.8
39 55.8 44.1 66.1





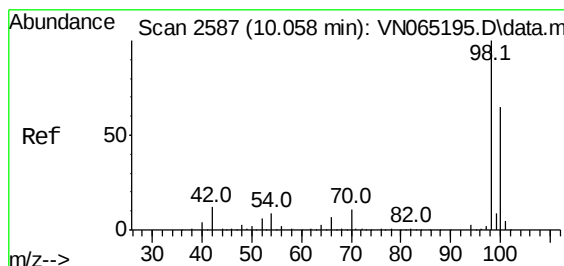
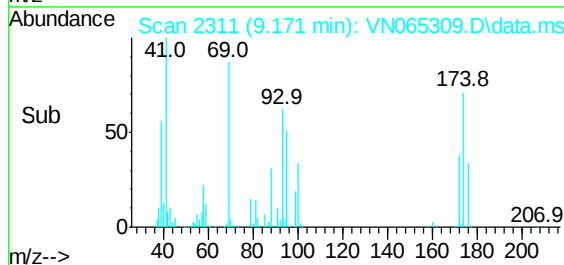
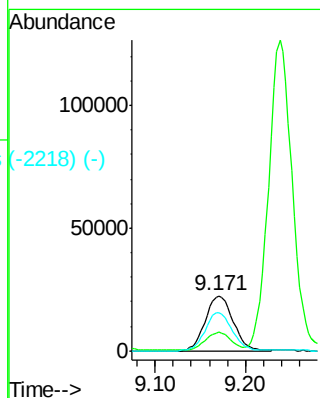
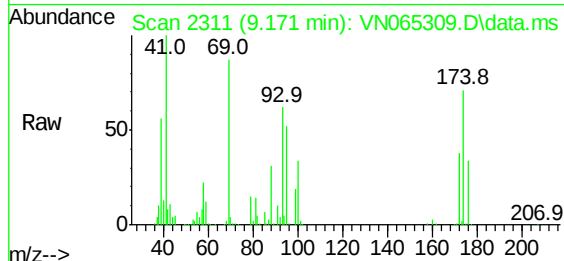
1,4-Dioxane
Concen: 943.35 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 47318
Ion Ratio Lower Upper
88 100
43 30.7 24.2 36.4
58 68.0 52.5 78.7

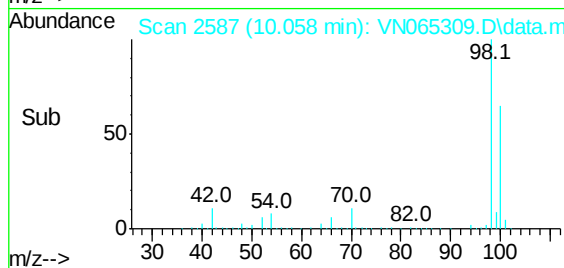
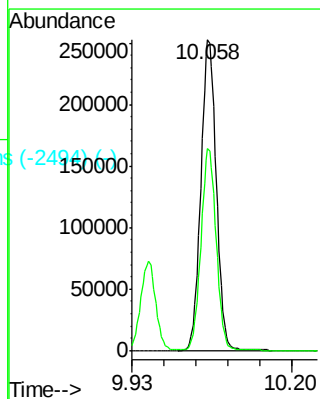
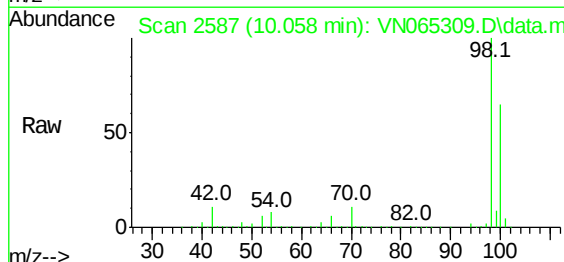
Manual Integrations
APPROVED

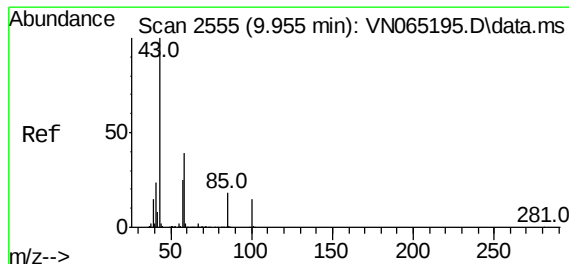
SAM
12/30/2020 2:25:14 PM



Toluene-d8
Concen: 50.29 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 98 Resp: 466699
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





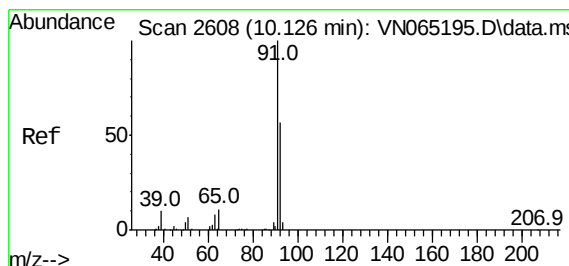
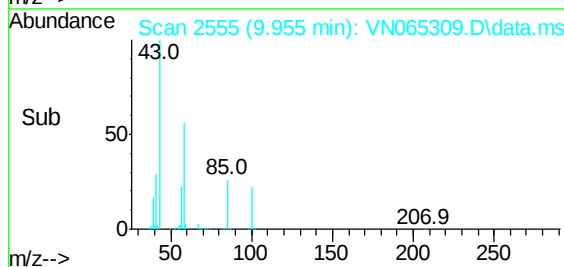
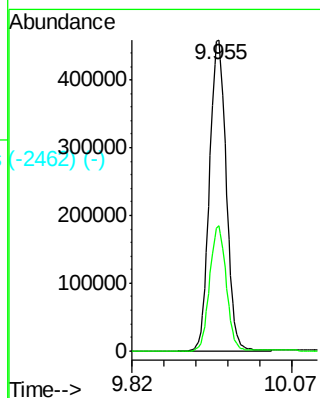
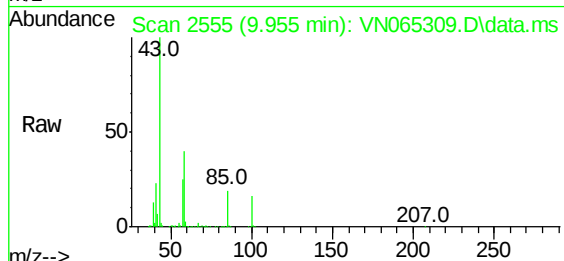
4-Methyl-2-Pentanone
 Concen: 234.03 ug/l
 RT: 9.955 min Scan# 2555
 Delta R.T. 0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion: 43 Resp: 838927
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.4 48.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

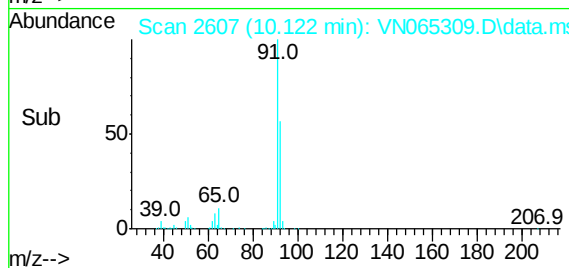
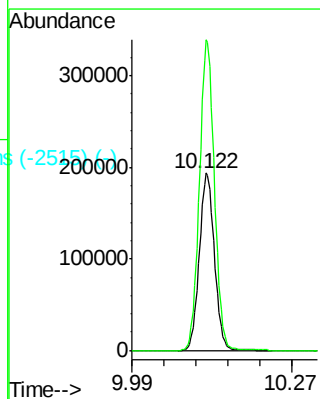
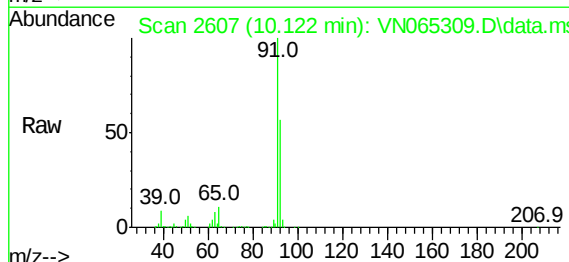
Manual Integrations
 APPROVED

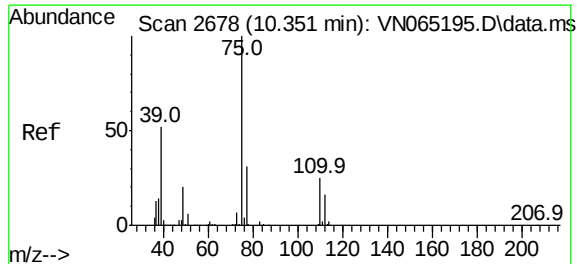
SAM
 12/30/2020 2:25:14 PM



Toluene
 Concen: 50.09 ug/l
 RT: 10.122 min Scan# 2607
 Delta R.T. -0.004 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion: 92 Resp: 350505
 Ion Ratio Lower Upper
 92 100
 91 174.2 139.1 208.7



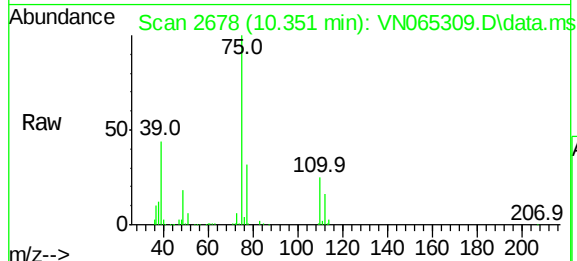


t-1,3-Dichloropropene
Concen: 47.31 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

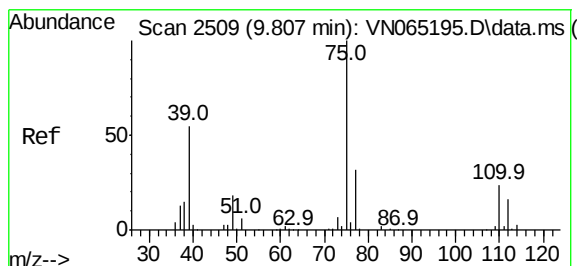
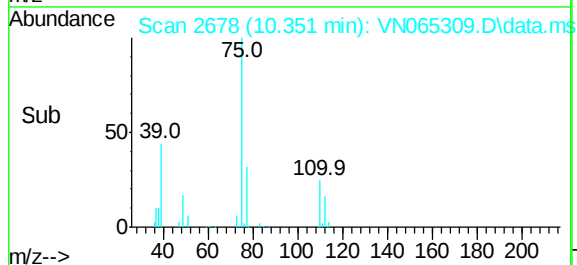
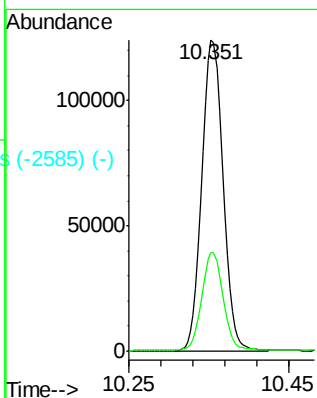
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM

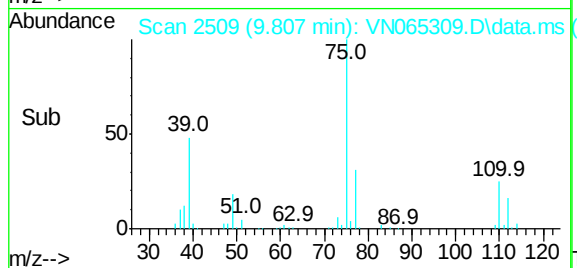
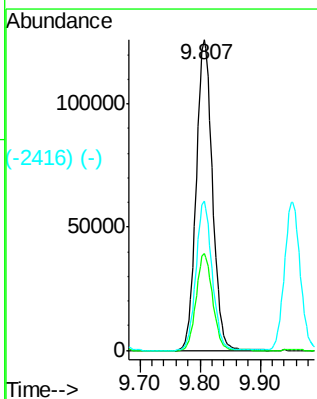
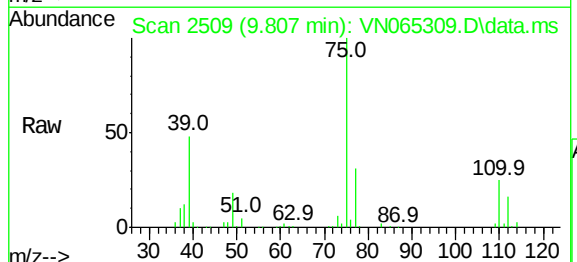


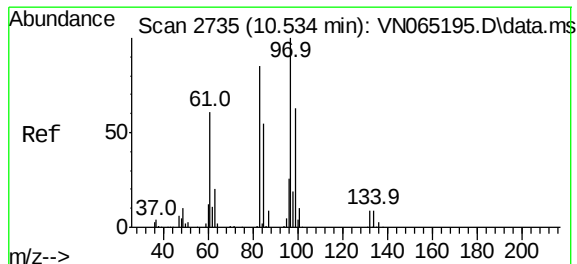
Tgt Ion: 75 Resp: 220350
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6



cis-1,3-Dichloropropene
Concen: 47.33 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion: 75 Resp: 234275
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 48.1 35.6 53.4



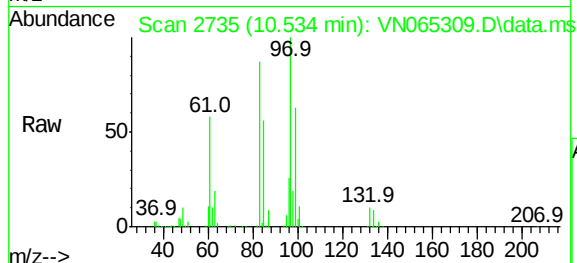


#5520 (-)
1,1,2-Trichloroethane
Concen: 49.65 ug/l
RT: 10.534 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

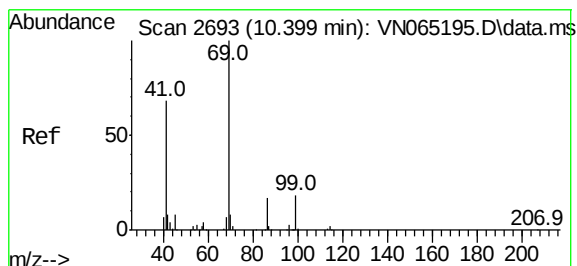
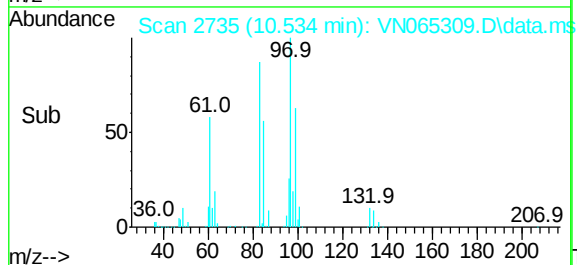
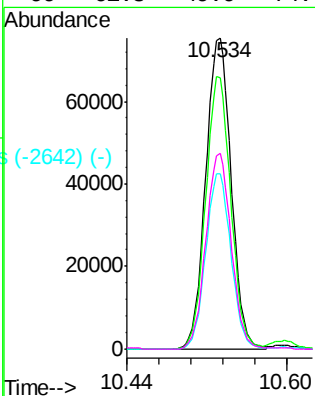
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM

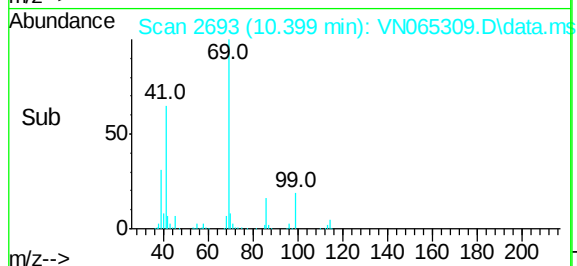
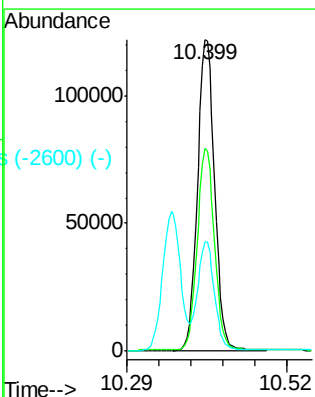
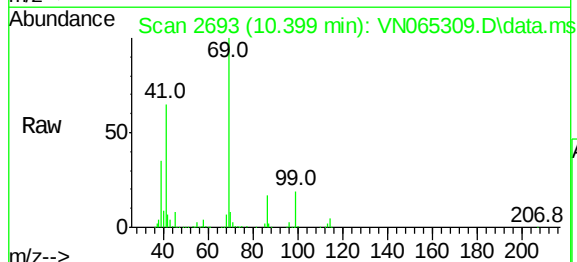


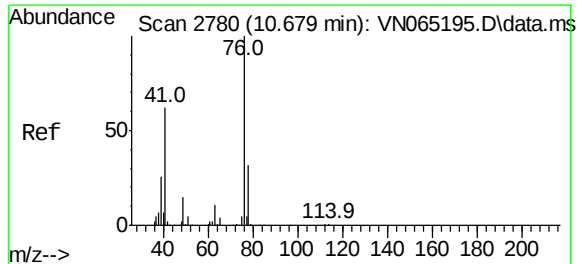
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	72.1	108.1
85	56.3	46.8	70.2
99	62.8	49.6	74.4



#5679 (-)
Ethyl methacrylate
Concen: 47.65 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

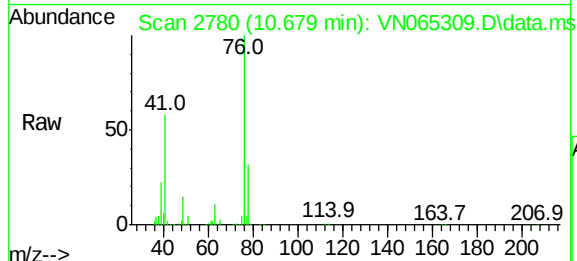
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.8	49.4	74.0
39	34.8	25.9	38.9





#5765 (-)
1,3-Dichloropropane
Concen: 50.20 ug/l
RT: 10.679 min Scan# 2780
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

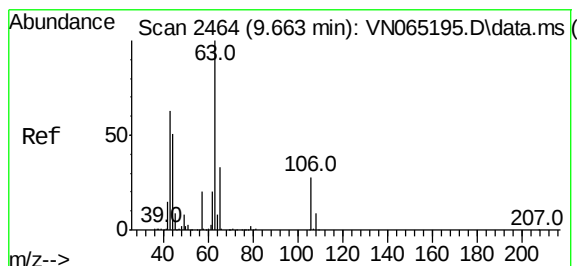
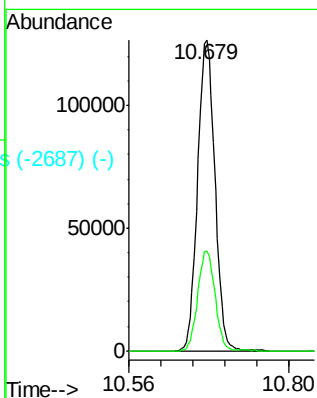
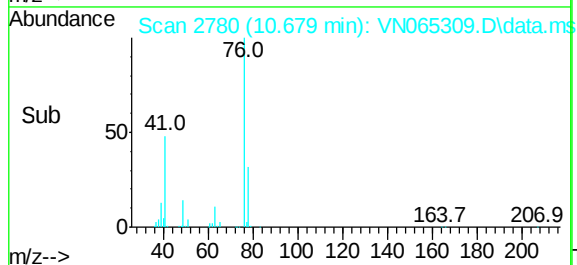
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



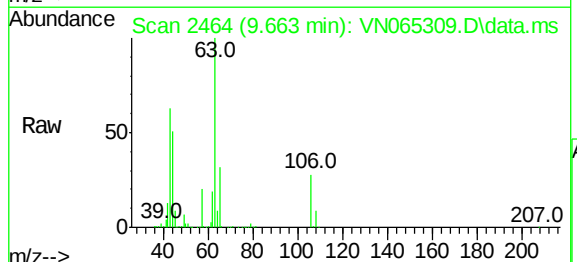
Tgt Ion: 76 Resp: 229357
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

Manual Integrations
APPROVED

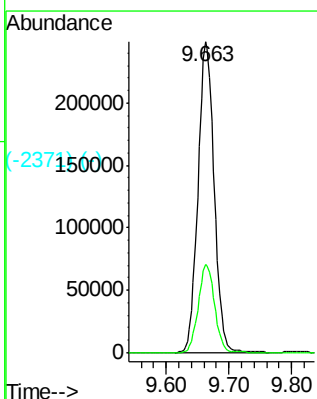
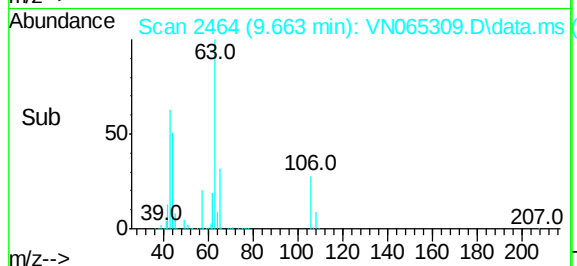
SAM
12/30/2020 2:25:14 PM

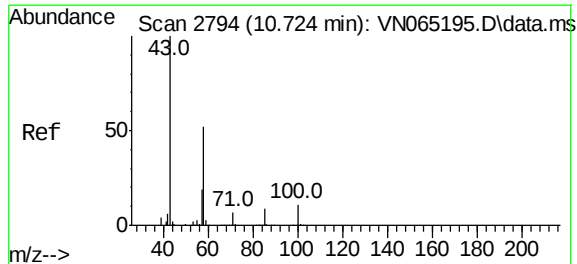


#5766 (-)
2-Chloroethyl Vinyl ether
Concen: 237.24 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



Tgt Ion: 63 Resp: 442532
Ion Ratio Lower Upper
63 100
106 28.5 22.7 34.1



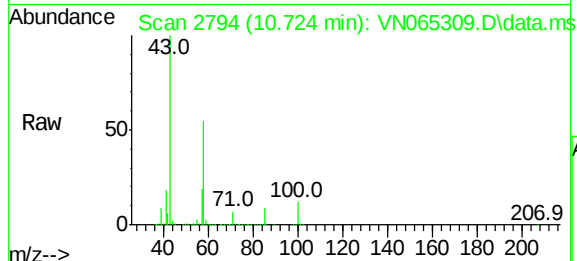


#5977 (-)
2-Hexanone
Concen: 231.11 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

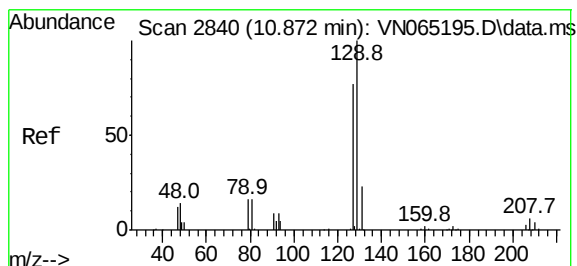
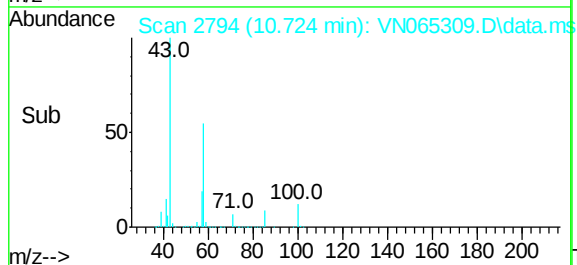
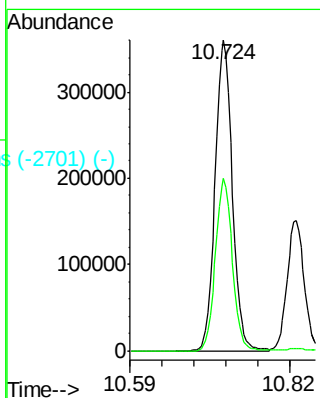
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM

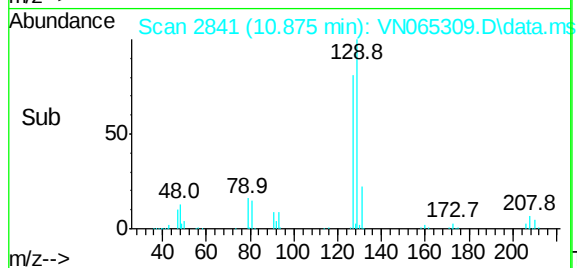
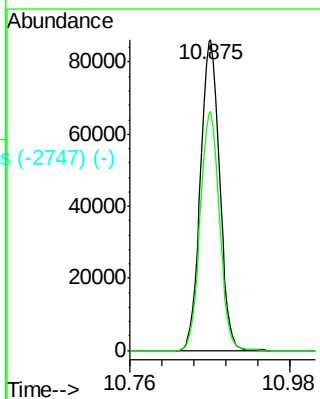
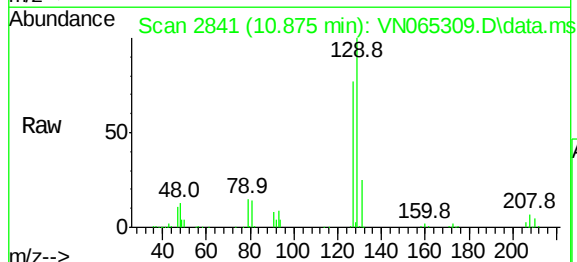


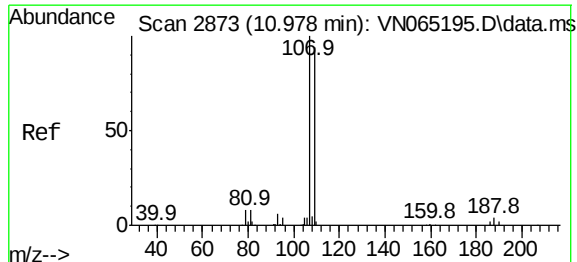
Tgt Ion: 43 Resp: 609024
Ion Ratio Lower Upper
43 100
58 55.0 28.3 84.9



#6026 (-)
Dibromochloromethane
Concen: 47.87 ug/l
RT: 10.875 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

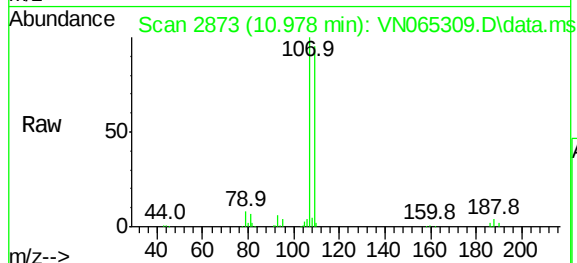
Tgt Ion: 129 Resp: 157982
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#6158 (-)
1,2-Dibromoethane
Concen: 49.03 ug/l
RT: 10.978 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

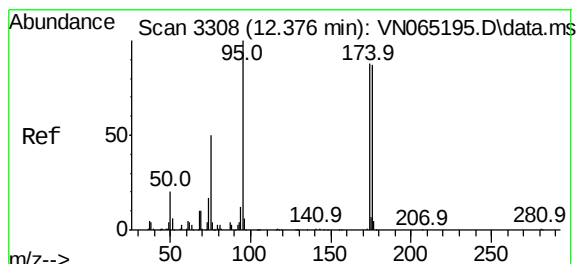
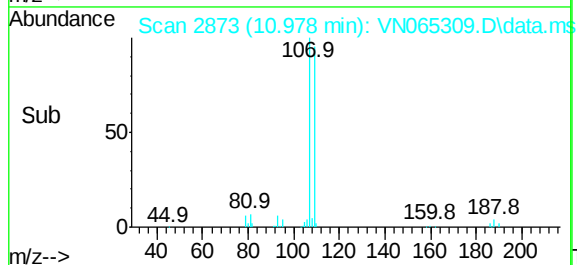
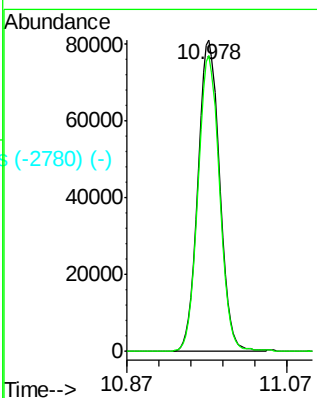
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



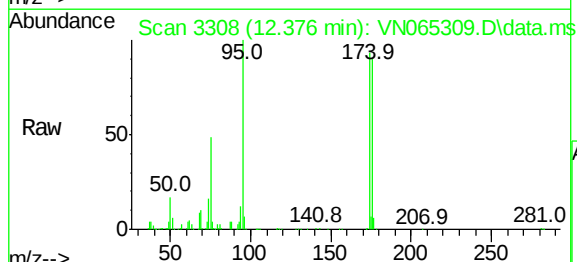
Tgt Ion: 107 Resp: 145737
Ion Ratio Lower Upper
107 100
109 94.5 76.0 114.0

Manual Integrations
APPROVED

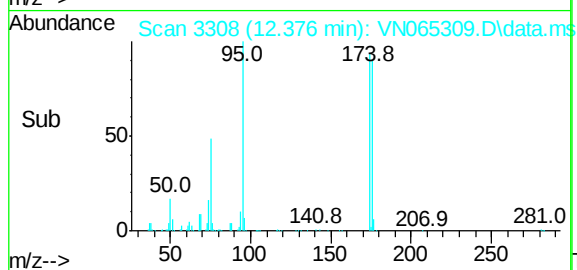
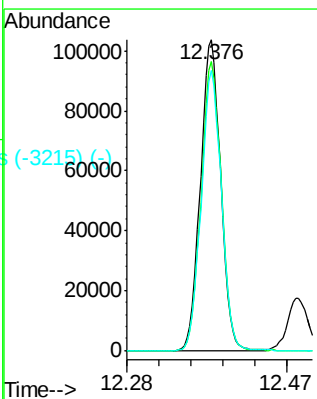
SAM
12/30/2020 2:25:14 PM

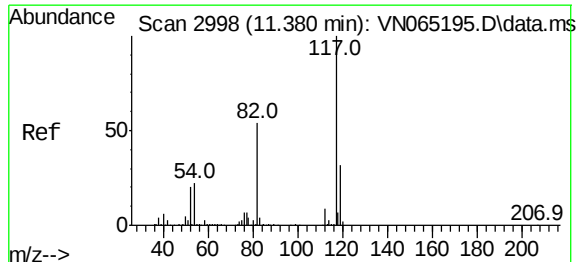


#6294 (-)
4-Bromofluorobenzene
Concen: 46.87 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



Tgt Ion: 95 Resp: 170723
Ion Ratio Lower Upper
95 100
174 93.0 0.0 160.4
176 90.1 0.0 158.4



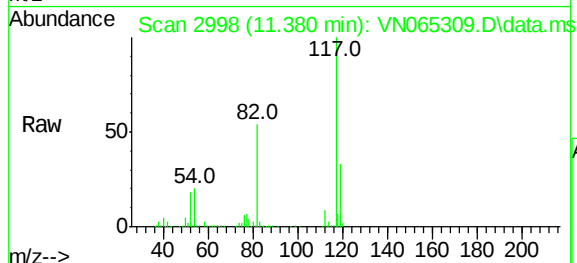


Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

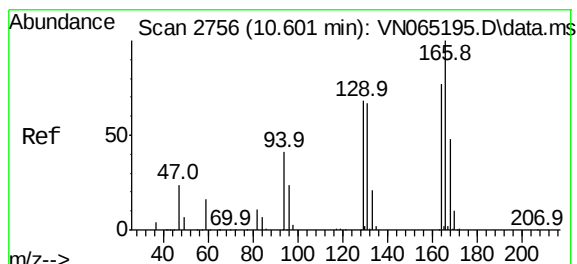
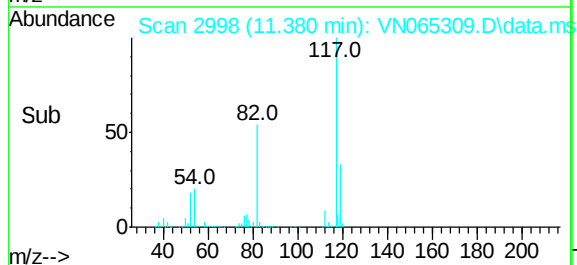
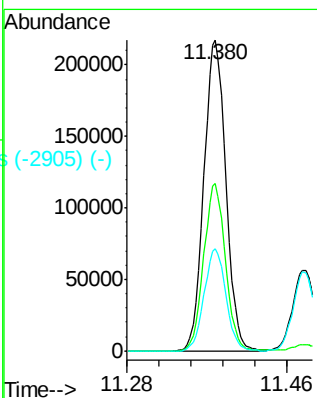
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM

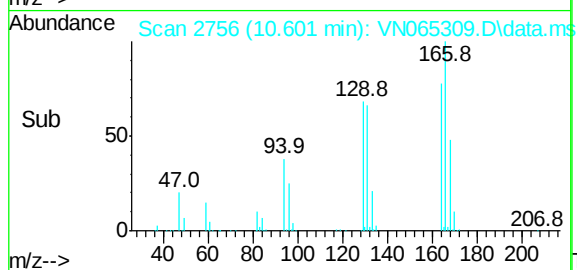
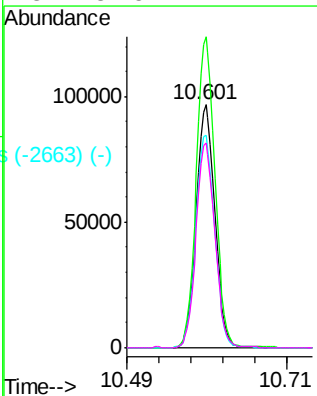
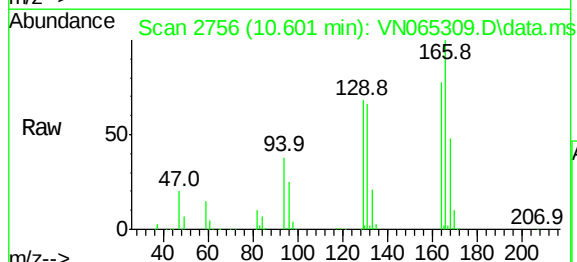


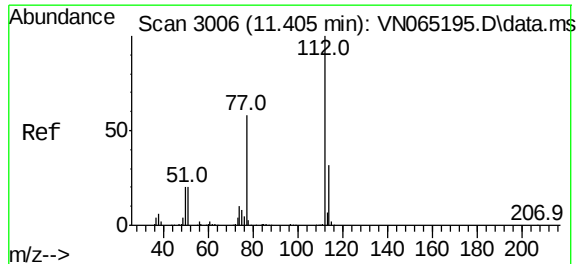
Tgt Ion:	117	Resp:	377061
Ion Ratio	Lower	Upper	
117	100		
82	53.8	44.2	66.2
119	33.0	25.8	38.6



Tetrachloroethene
Concen: 47.17 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:	164	Resp:	172715
Ion Ratio	Lower	Upper	
164	100		
166	128.1	101.4	152.0
129	87.3	76.1	114.1
131	84.5	74.2	111.2





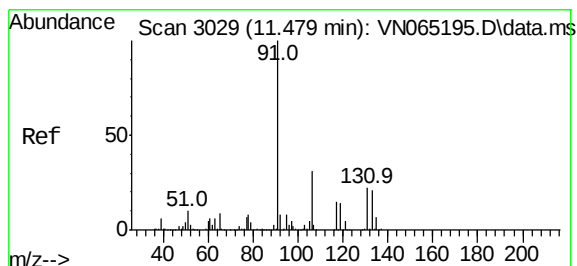
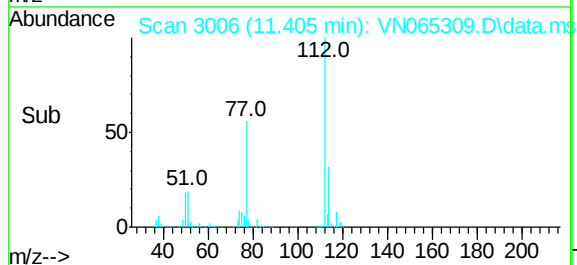
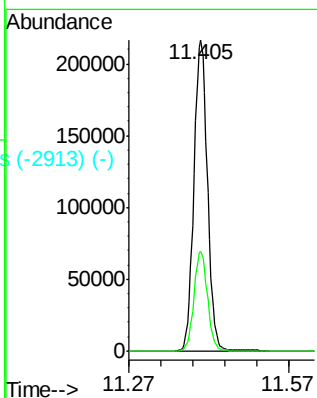
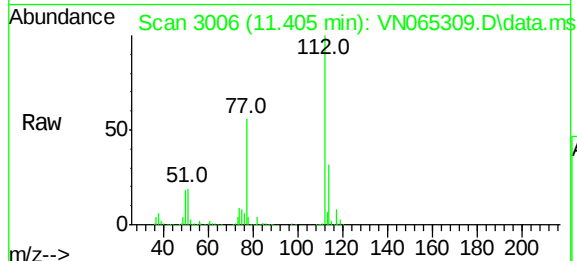
Chlorobenzene
Concen: 49.67 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:112 Resp: 381279
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

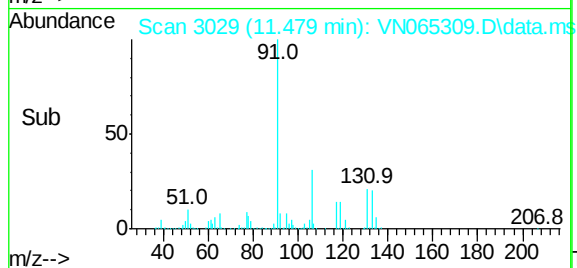
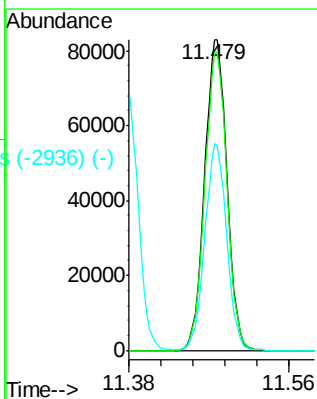
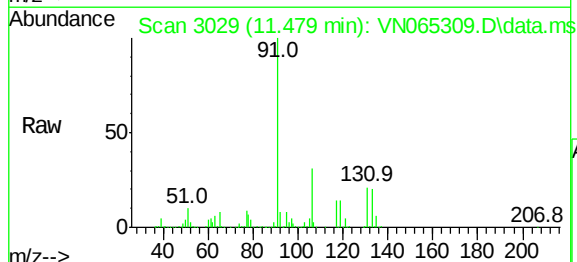
Manual Integrations
APPROVED

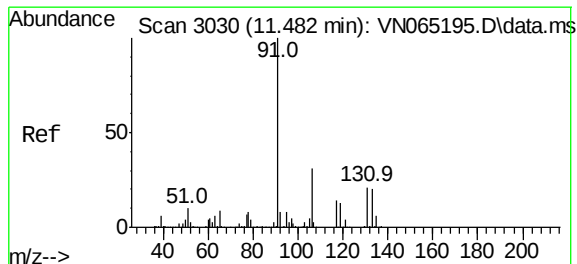
SAM
12/30/2020 2:25:14 PM



1,1,1,2-Tetrachloroethane
Concen: 48.83 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:131 Resp: 145840
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 65.3 33.3 99.8





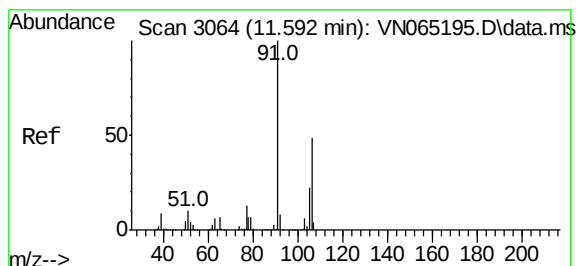
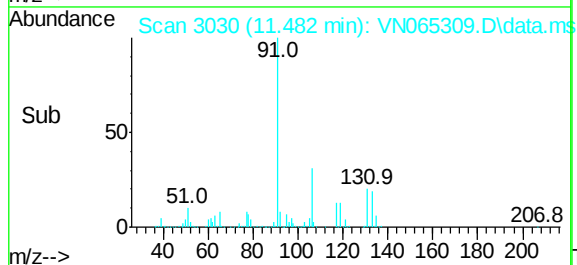
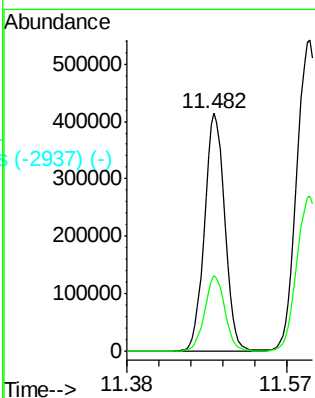
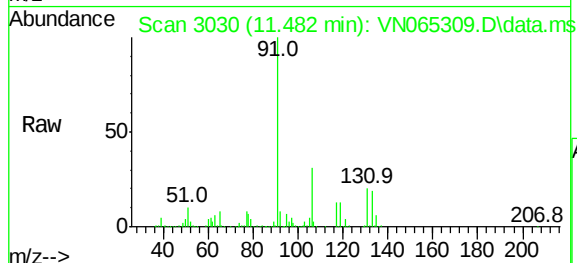
#6715 (-)
Ethyl Benzene
Concen: 49.18 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:	91	Resp:	680214
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.2	37.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

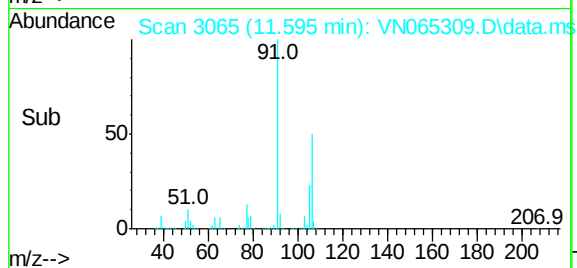
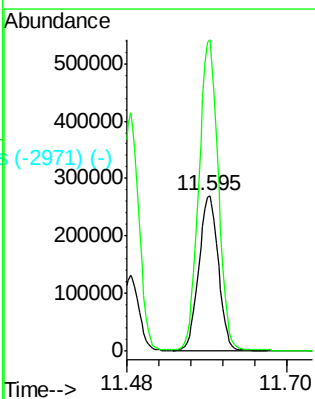
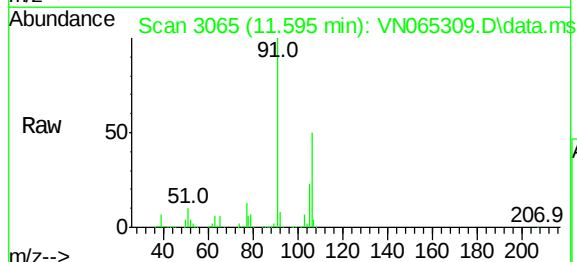
Manual Integrations
APPROVED

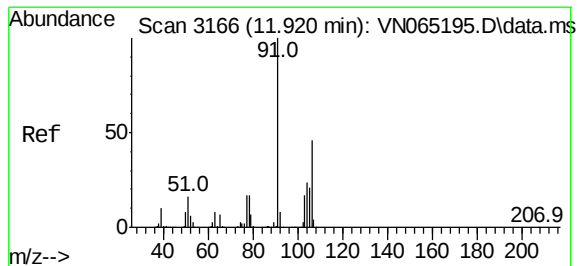
SAM
12/30/2020 2:25:14 PM



#6648 (-)
m/p-Xylenes
Concen: 99.34 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:	106	Resp:	517594
Ion Ratio	Lower	Upper	
106	100		
91	201.4	161.0	241.4





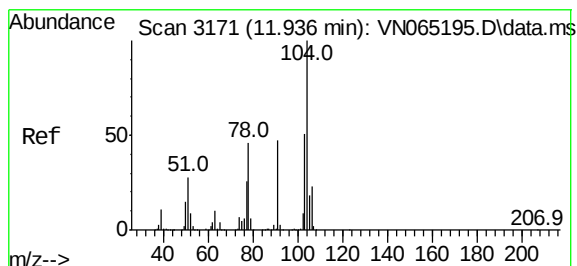
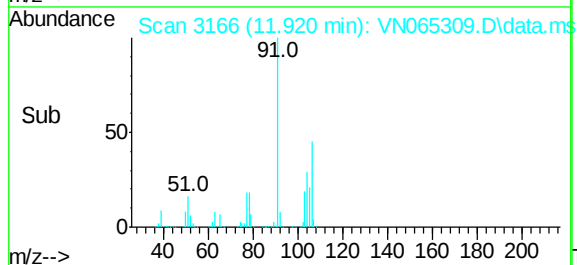
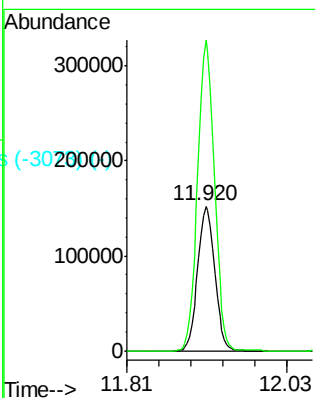
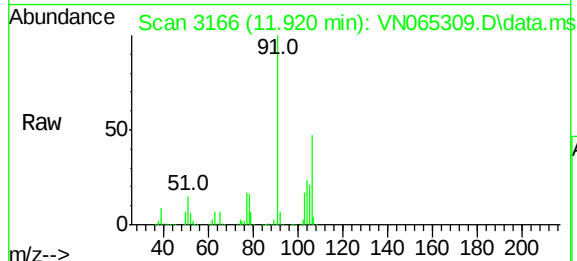
#692 (-)
o-Xylene
Concen: 49.60 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 250875
Ion Ratio Lower Upper
106 100
91 212.6 105.5 316.5

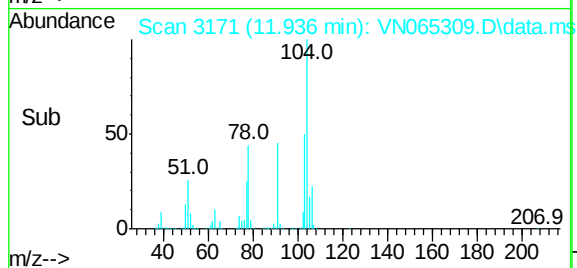
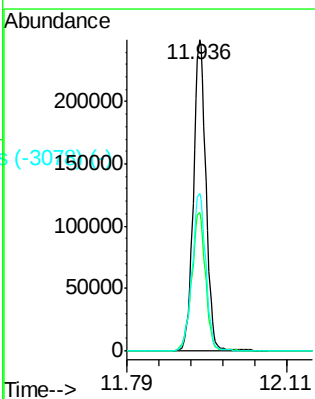
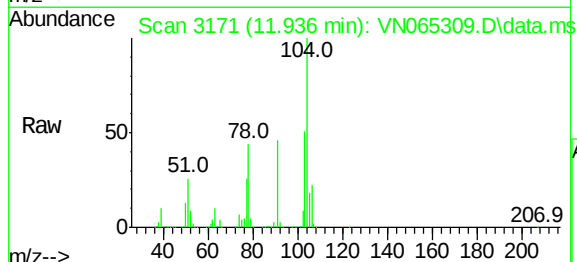
Manual Integrations
APPROVED

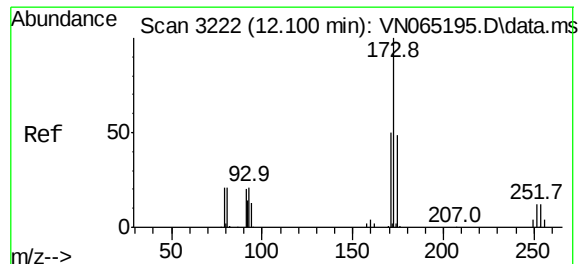
SAM
12/30/2020 2:25:14 PM



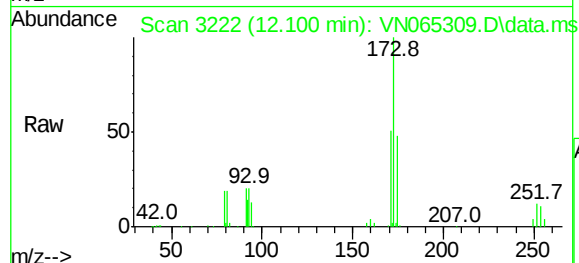
#705 (-)
Styrene
Concen: 50.39 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:104 Resp: 425290
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 55.0 44.3 66.5

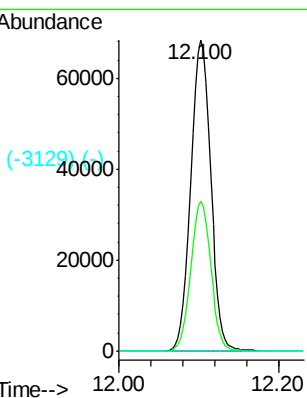
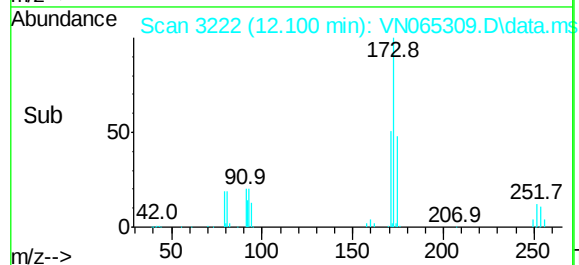




#3108 (-)
Bromoform
Concen: 47.32 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



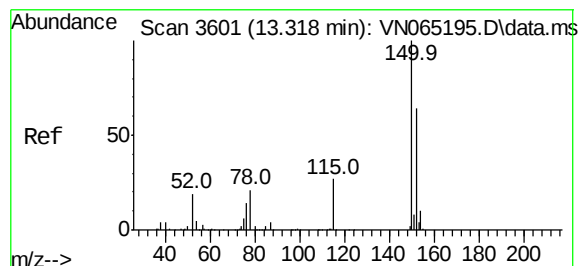
Tgt Ion:	173	Resp:	121665
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.3	72.8
254	0.0	0.0	0.0



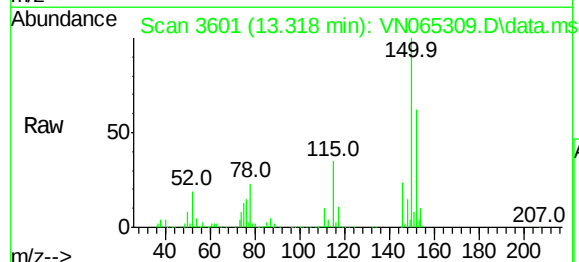
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

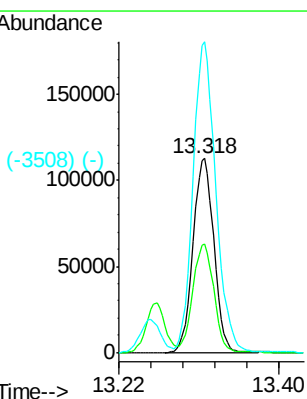
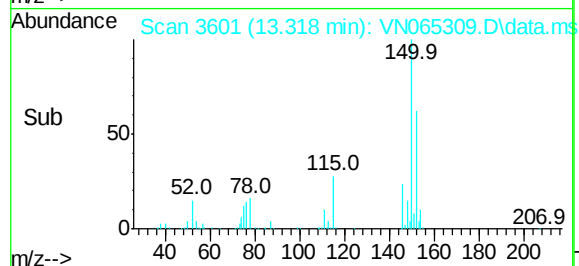
SAM
12/30/2020 2:25:14 PM

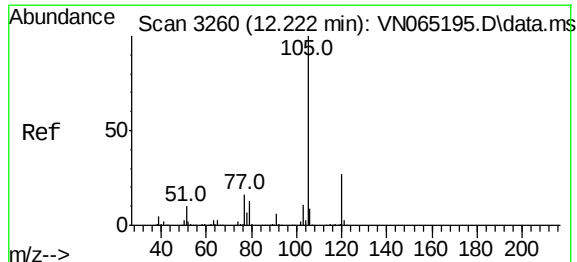


#3107 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



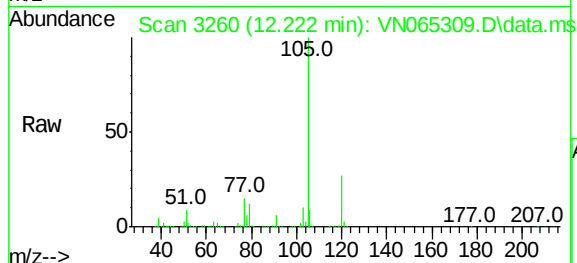
Tgt Ion:	152	Resp:	186401
Ion Ratio	Lower	Upper	
152	100		
115	56.6	29.7	89.1
150	173.5	0.0	350.6





#3245 (-)
Isopropylbenzene
Concen: 47.02 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

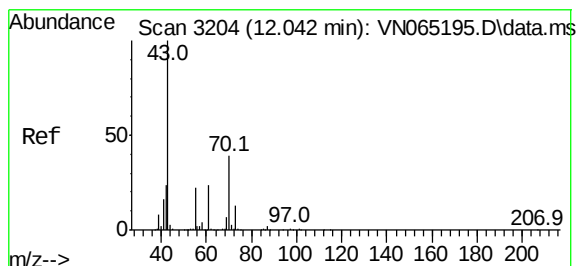
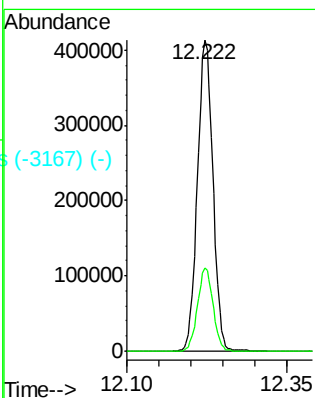
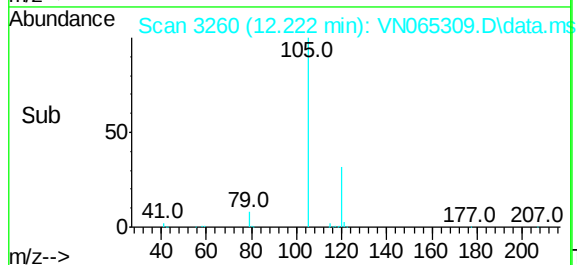
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



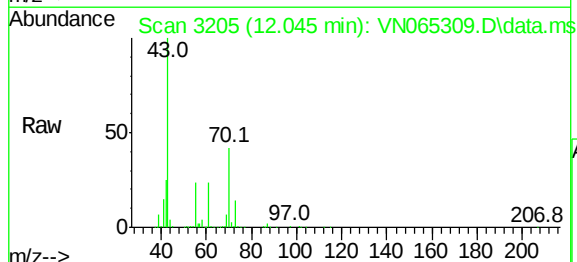
Tgt Ion:105 Resp: 667492
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

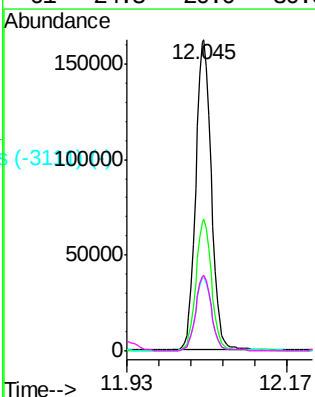
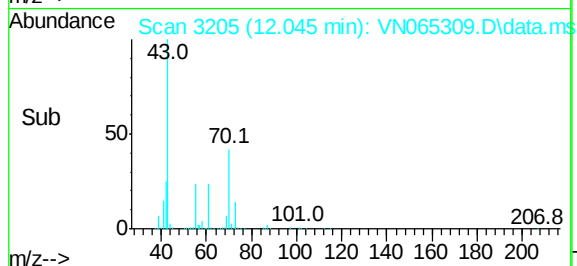
SAM
12/30/2020 2:25:14 PM

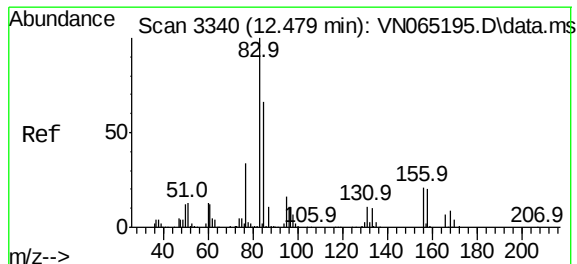


#3190 (-)
N-ethyl acetate
Concen: 45.33 ug/l
RT: 12.045 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



Tgt Ion: 43 Resp: 256239
Ion Ratio Lower Upper
43 100
70 42.2 34.5 51.7
55 24.0 20.4 30.6
61 24.3 20.0 30.0



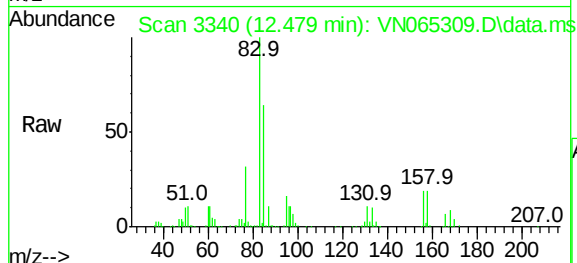


#3325 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 48.40 ug/l
 RT: 12.479 min Scan# 3340
 Delta R.T. 0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

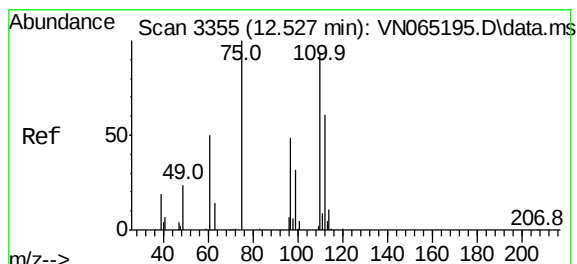
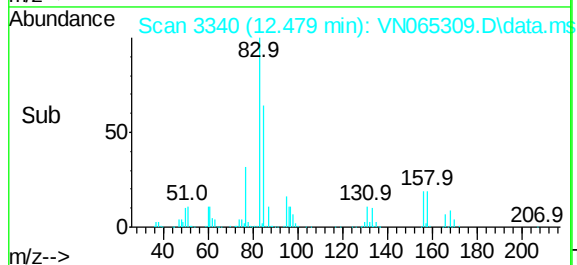
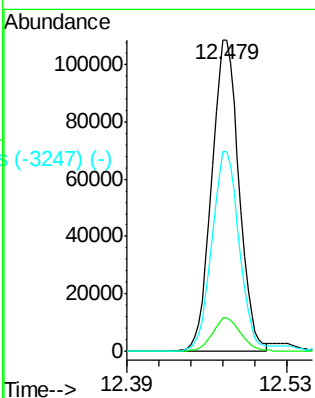
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 12/30/2020 2:25:14 PM

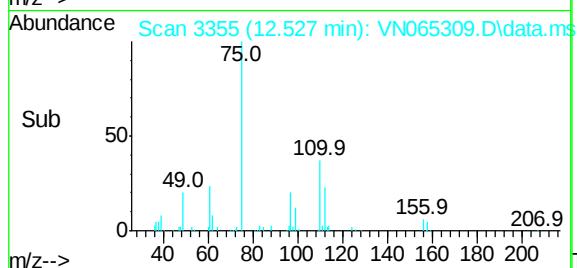
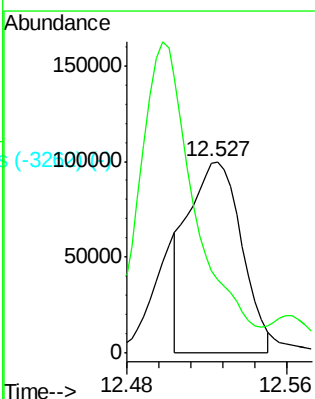
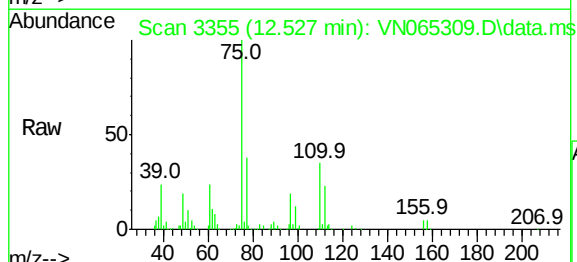


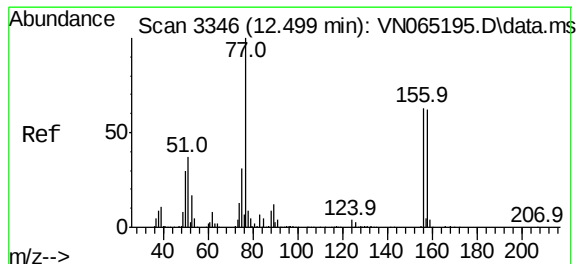
Tgt Ion	83	Resp	185282
Ion Ratio	100		
Lower	5.1		
Upper	15.3		
85	64.3	33.0	99.0



#3350 (-)
 1,2,3-Trichloropropane
 Concen: 50.59 ug/l m
 RT: 12.527 min Scan# 3355
 Delta R.T. 0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

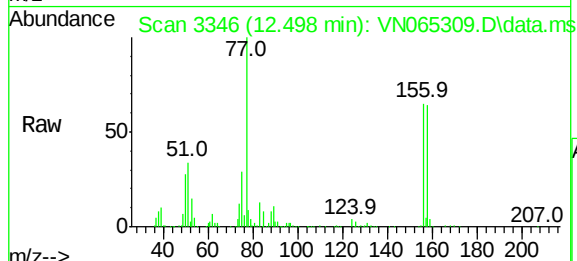
Tgt Ion	75	Resp	192366
Ion Ratio	100		
Lower	0.0		
Upper	0.0		
77	0.0	0.0	0.0





#332 (-)
Bromobenzene
Concen: 48.53 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.001 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

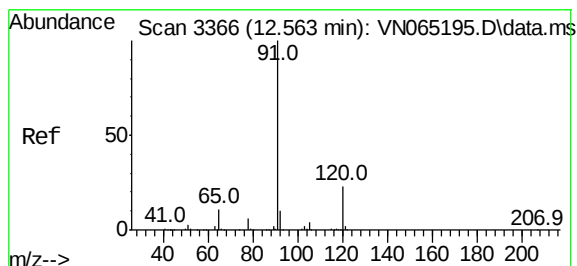
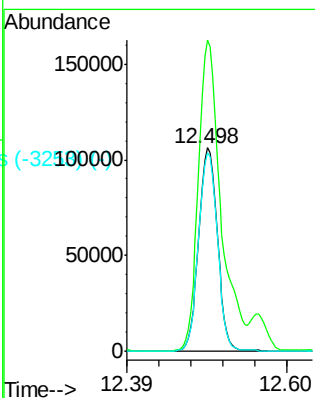
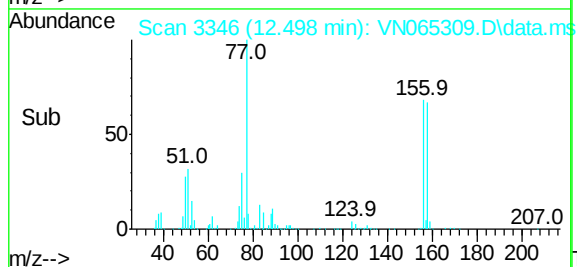
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



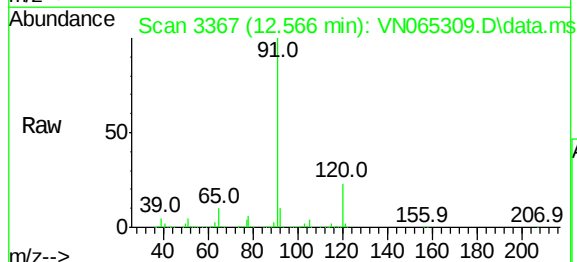
Tgt Ion:156 Resp: 180040
Ion Ratio Lower Upper
156 100
77 184.1 101.3 303.7
158 98.1 48.2 144.6

Manual Integrations
APPROVED

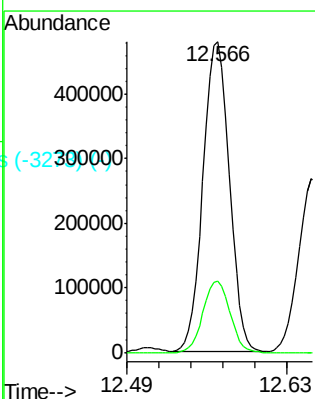
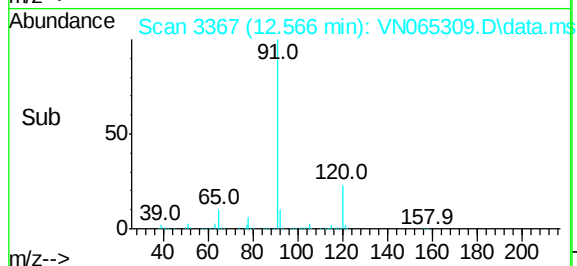
SAM
12/30/2020 2:25:14 PM

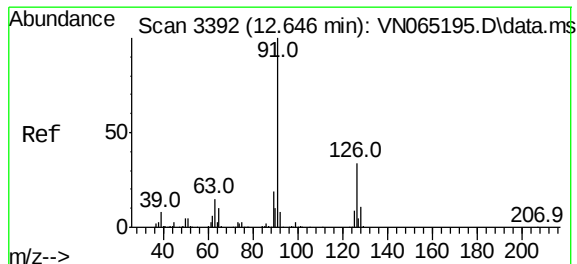


#335 (-)
n-propylbenzene
Concen: 47.20 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



Tgt Ion: 91 Resp: 756491
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.7





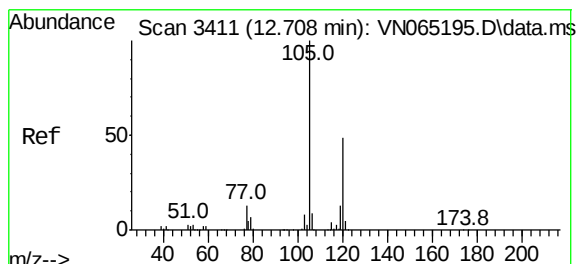
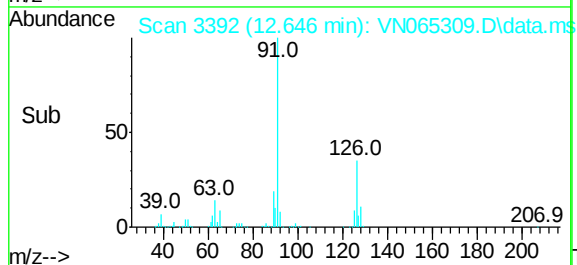
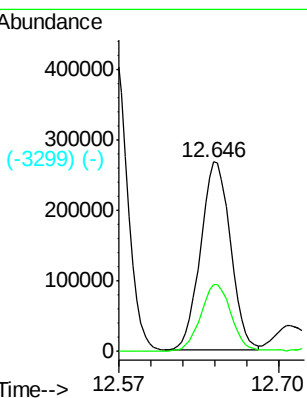
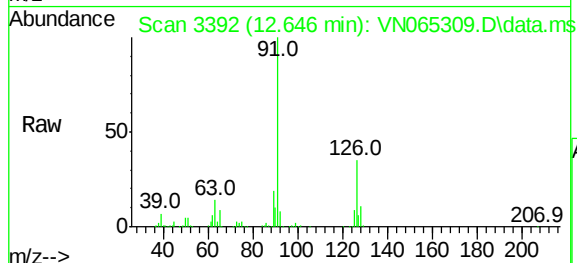
#3390 (-)
2-Chlorotoluene
Concen: 47.19 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:	91	Resp:	445374
Ion Ratio	Lower	Upper	
91	100		
126	35.5	17.2	51.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

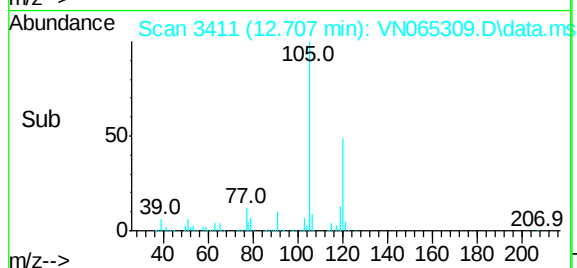
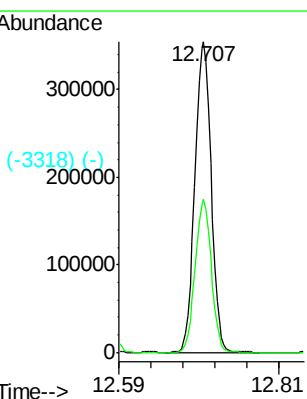
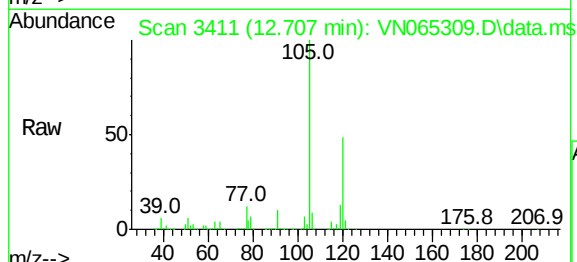
Manual Integrations
APPROVED

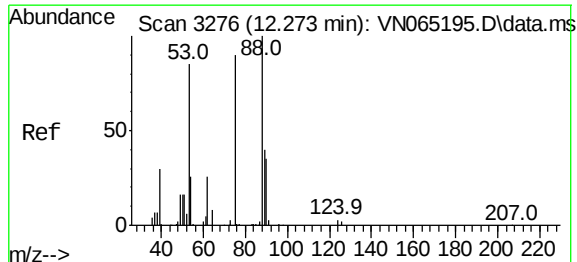
SAM
12/30/2020 2:25:14 PM



#3394 (-)
1,3,5-Trimethylbenzene
Concen: 46.79 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:	105	Resp:	566511
Ion Ratio	Lower	Upper	
105	100		
120	49.0	24.6	73.6





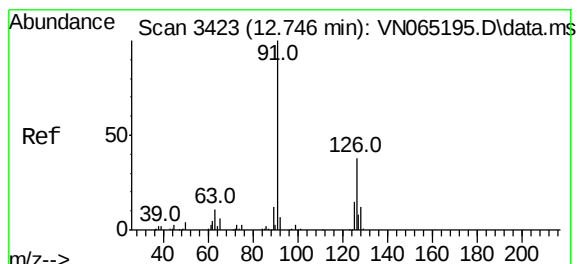
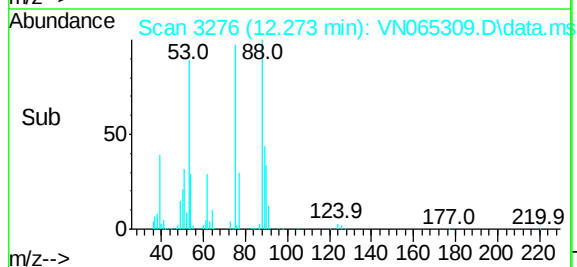
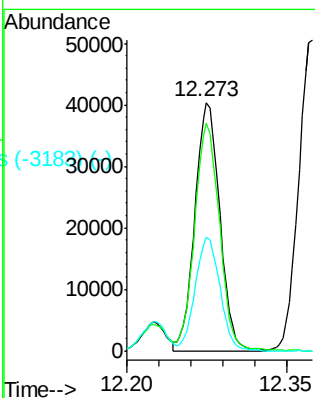
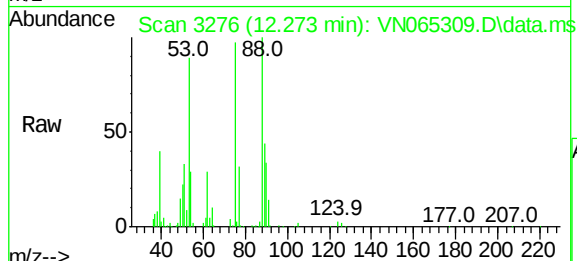
Scan 3276 (12.273 min): VN065195.D\data.ms
 #8166 (-)
 trans-1,4-Dichloro-2-butene
 Concen: 44.75 ug/l
 RT: 12.273 min Scan# 3276
 Delta R.T. 0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	75	Resp:	67491
Ion	Ratio	Lower	Upper
75	100		
53	91.8	67.0	100.4
89	45.5	39.6	59.4

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

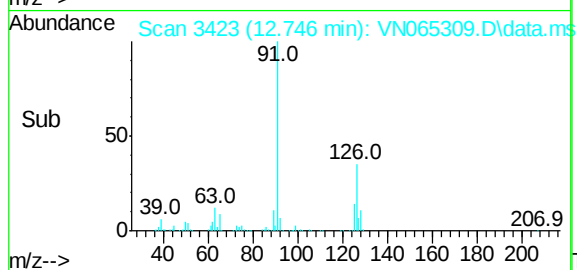
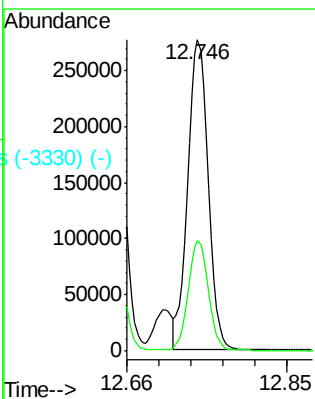
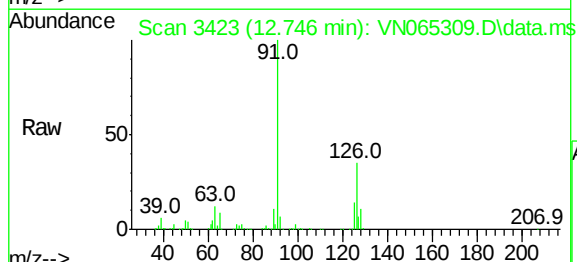
Manual Integrations
 APPROVED

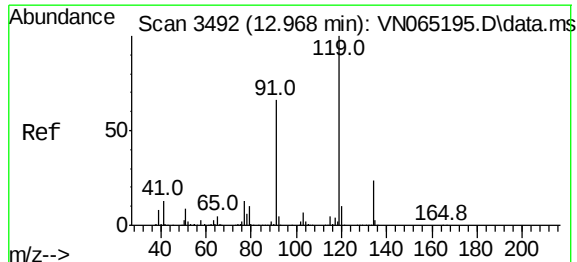
SAM
 12/30/2020 2:25:14 PM



Scan 3423 (12.746 min): VN065195.D\data.ms
 #8214 (-)
 4-Chlorotoluene
 Concen: 47.66 ug/l
 RT: 12.746 min Scan# 3423
 Delta R.T. 0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	91	Resp:	463242
Ion	Ratio	Lower	Upper
91	100		
126	34.9	16.9	50.7





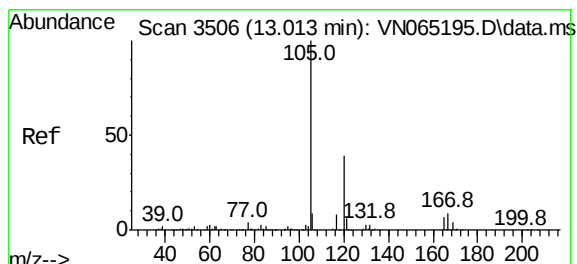
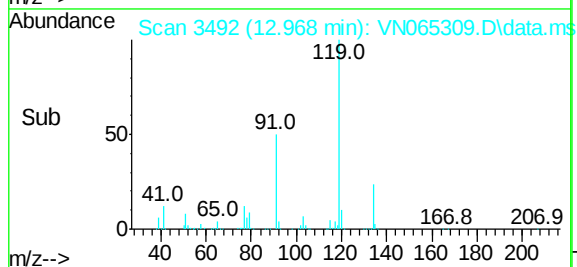
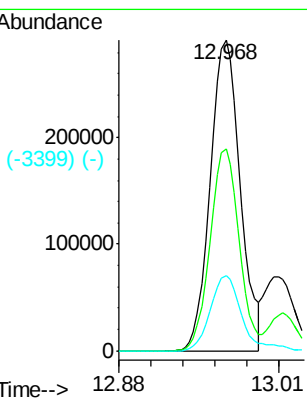
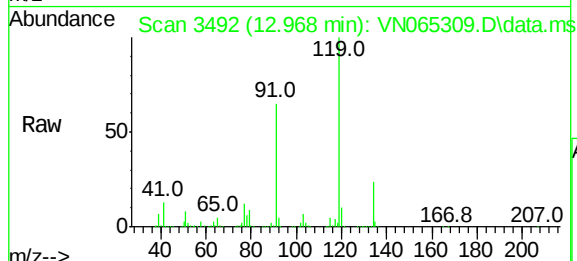
tert-Butylbenzene
Concen: 46.75 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:	119	Resp:	482172
Ion Ratio	Lower	Upper	
119	100		
91	63.6	32.3	96.8
134	25.4	12.6	37.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

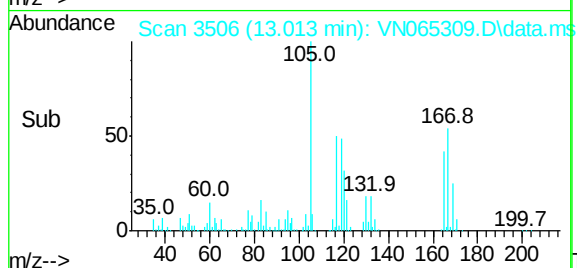
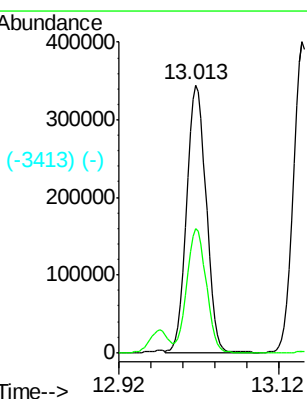
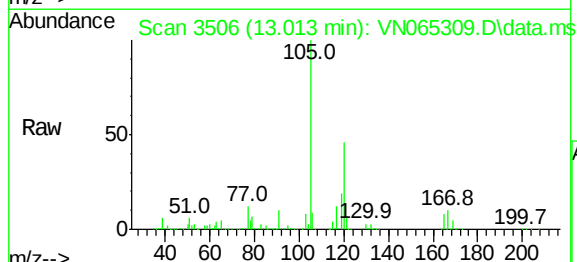
Manual Integrations
APPROVED

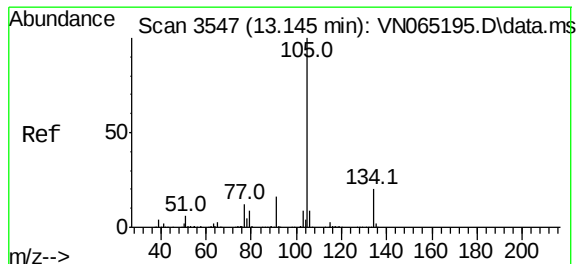
SAM
12/30/2020 2:25:14 PM



1,2,4-Trimethylbenzene
Concen: 47.82 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

Tgt Ion:	105	Resp:	563671
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.1	69.2





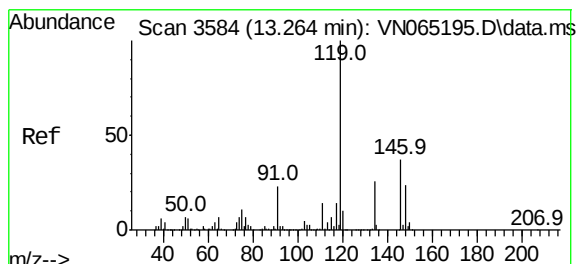
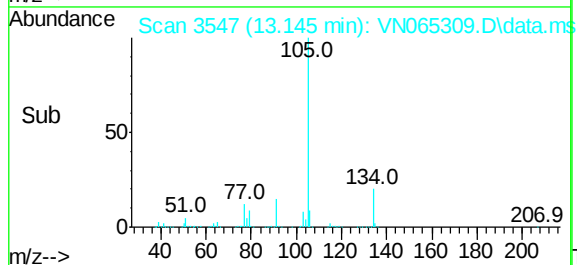
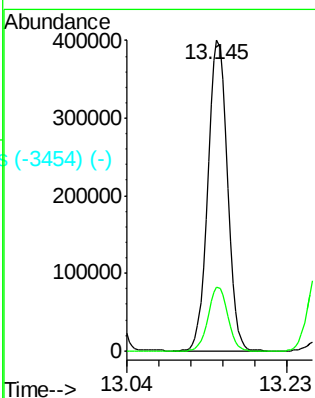
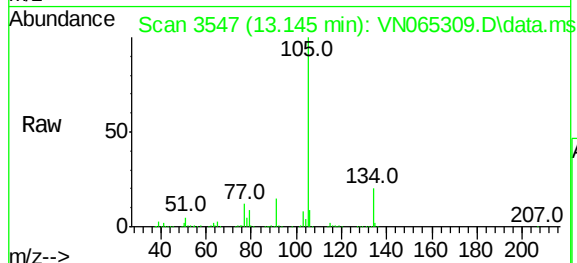
#8532 (-)
 sec-Butylbenzene
 Concen: 46.44 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. -0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	105	Resp:	635462
Ion Ratio	Lower	Upper	
105	100		
134	20.5	10.1	30.1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

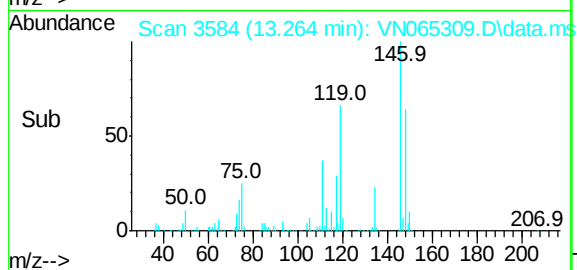
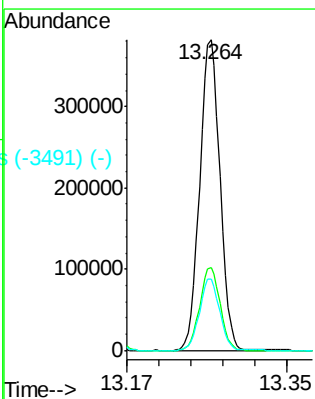
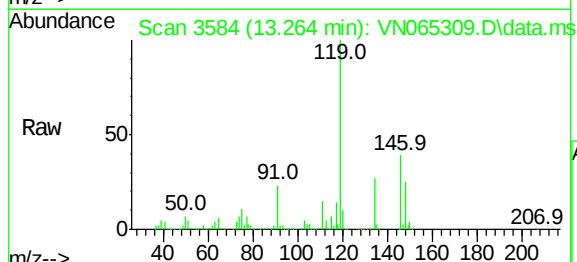
Manual Integrations
 APPROVED

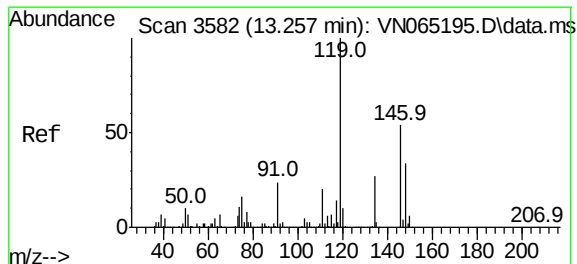
SAM
 12/30/2020 2:25:14 PM



#8570 (-)
 p-Isopropyltoluene
 Concen: 46.95 ug/l
 RT: 13.264 min Scan# 3584
 Delta R.T. -0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	119	Resp:	588979
Ion Ratio	Lower	Upper	
119	100		
134	26.9	13.1	39.1
91	23.2	11.5	34.5



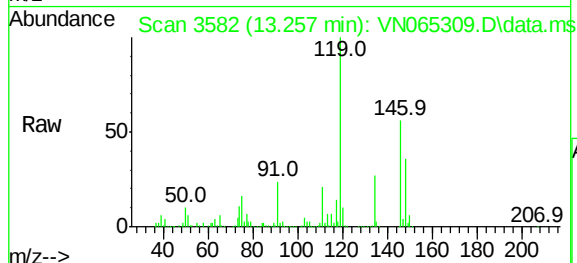


Scan 3582 (13.257 min): VN065195.D\data.ms (#8367) (-)
 1,3-Dichlorobenzene
 Concen: 49.70 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. 0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

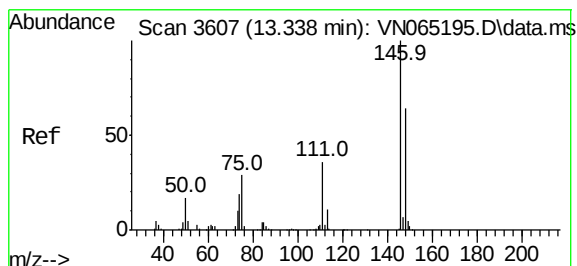
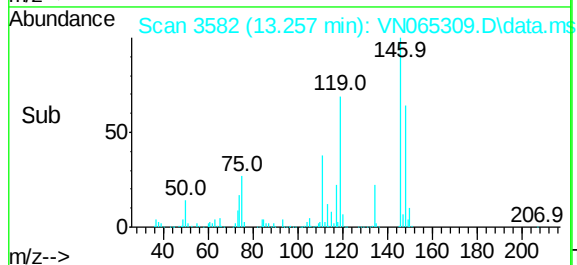
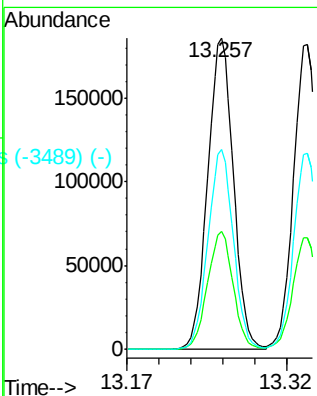
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 12/30/2020 2:25:14 PM

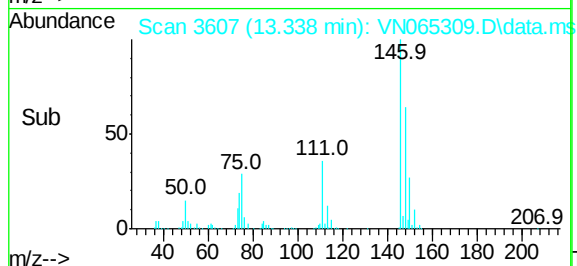
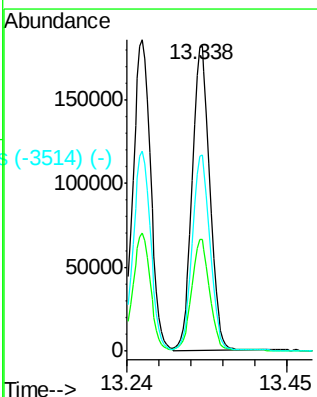
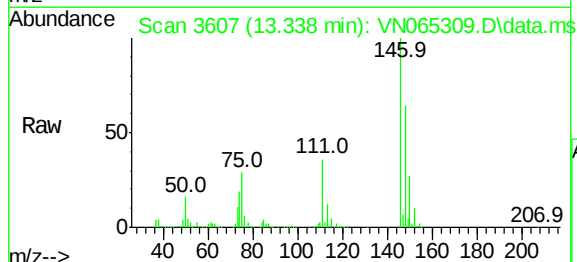


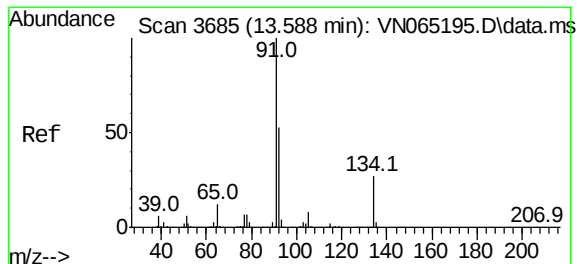
Tgt Ion:	146	Resp:	308381
Ion Ratio	Lower	Upper	
146	100		
111	37.2	20.6	61.9
148	63.4	31.9	95.5



Scan 3607 (13.338 min): VN065195.D\data.ms (#8365) (-)
 1,4-Dichlorobenzene
 Concen: 48.54 ug/l
 RT: 13.338 min Scan# 3607
 Delta R.T. -0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	146	Resp:	302368
Ion Ratio	Lower	Upper	
146	100		
111	36.6	19.8	59.3
148	64.3	31.9	95.5



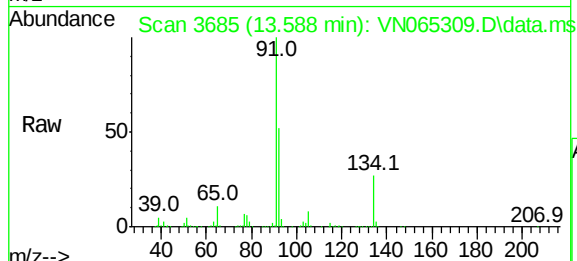


n-Butylbenzene
Concen: 46.28 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

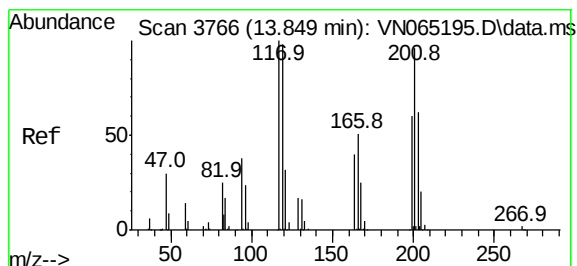
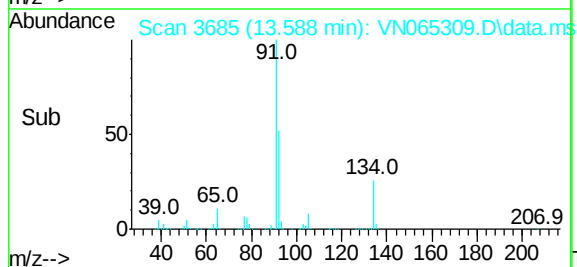
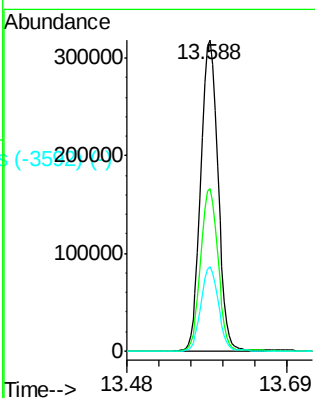
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
12/30/2020 2:25:14 PM

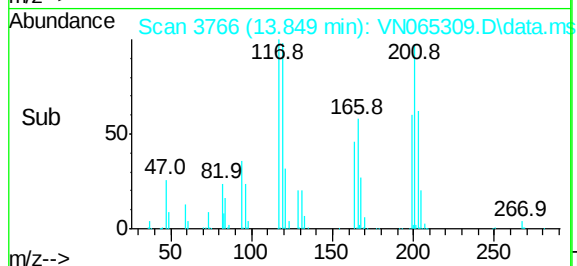
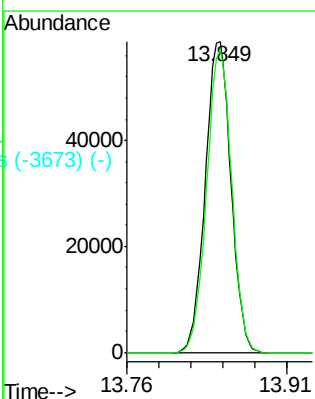
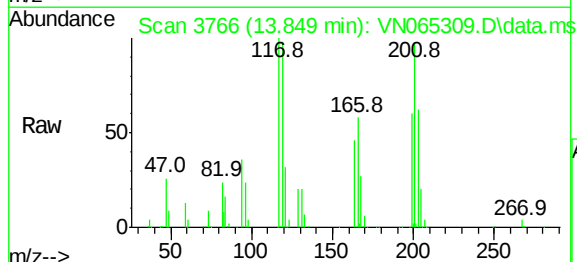


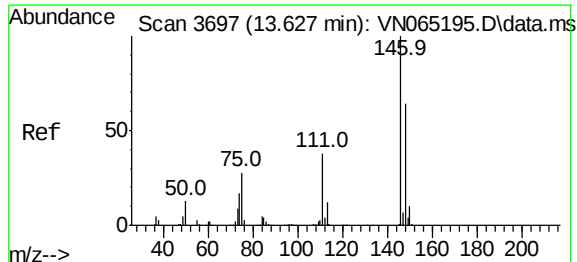
Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	27.1	12.9	38.6



Hexachloroethane
Concen: 46.85 ug/l
RT: 13.849 min Scan# 3766
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

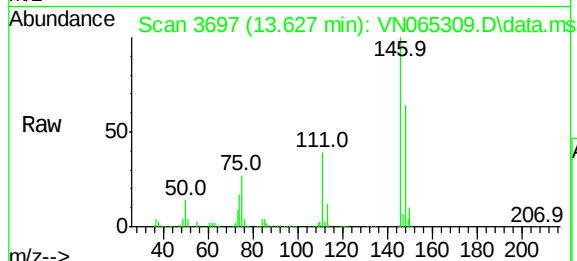
Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.3	40.1	120.3





1,2-Dichlorobenzene
Concen: 50.39 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

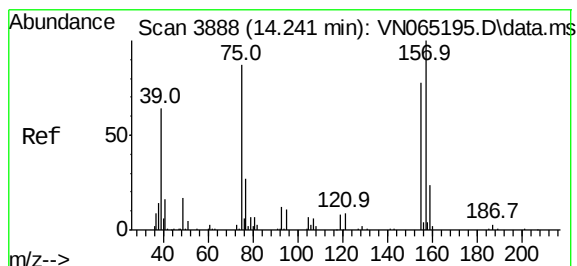
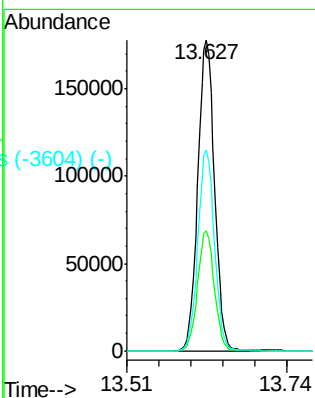
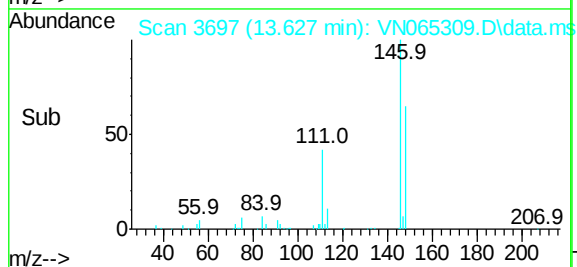
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



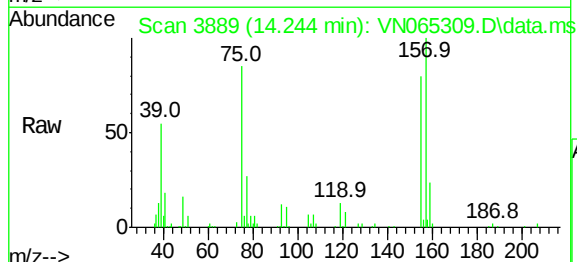
Tgt Ion:146 Resp: 300273
Ion Ratio Lower Upper
146 100
111 38.6 21.1 63.1
148 64.1 32.0 96.2

Manual Integrations
APPROVED

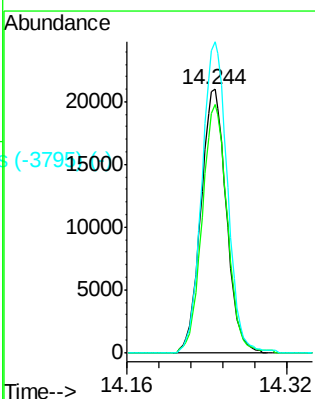
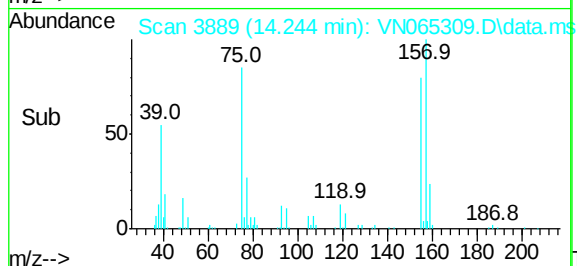
SAM
12/30/2020 2:25:14 PM

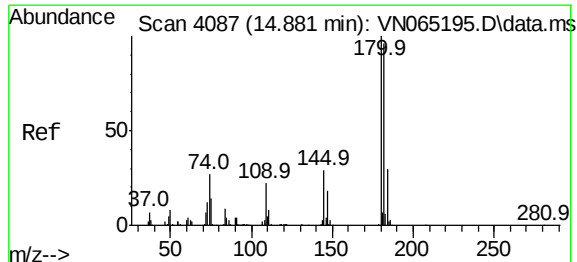


1,2-Dibromo-3-Chloropropane
Concen: 46.71 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



Tgt Ion: 75 Resp: 36834
Ion Ratio Lower Upper
75 100
155 93.3 42.8 128.3
157 118.8 56.4 169.1





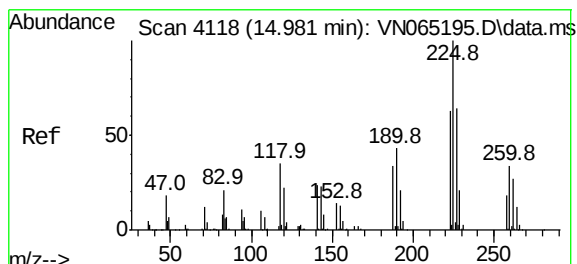
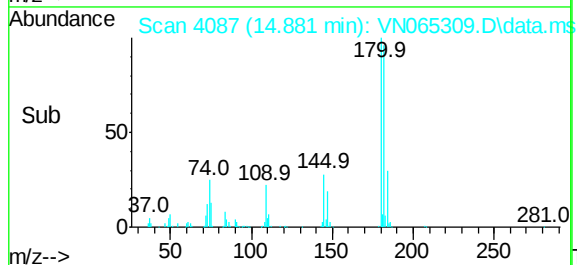
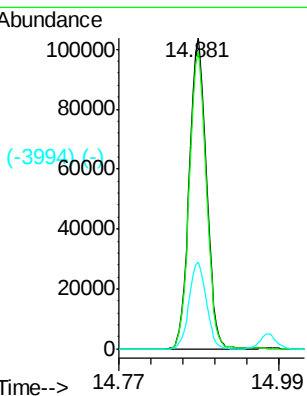
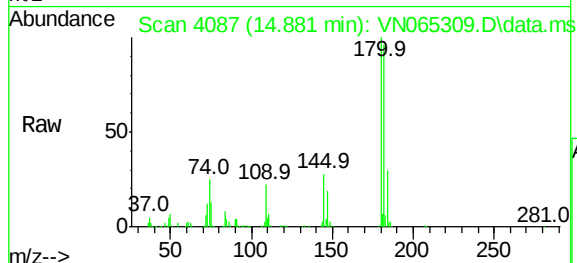
Scan 4087 (14.881 min): VN065195.D\data.ms (#4073) (-)
 1,2,4-Trichlorobenzene
 Concen: 46.65 ug/l
 RT: 14.881 min Scan# 4087
 Delta R.T. 0.000 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	180	Resp:	171402
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.6	142.9
145	27.9	15.3	45.8

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

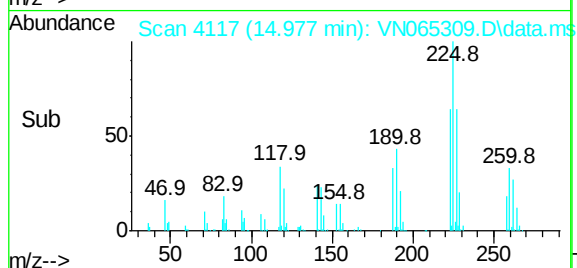
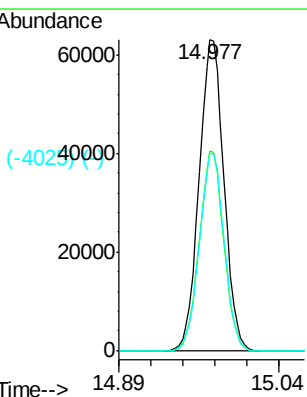
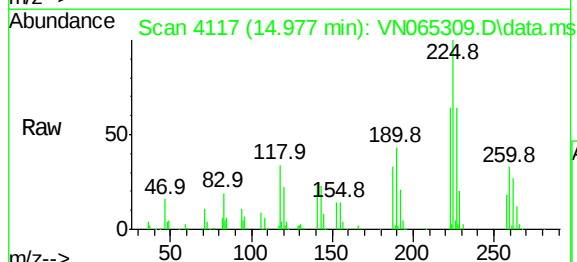
Manual Integrations
 APPROVED

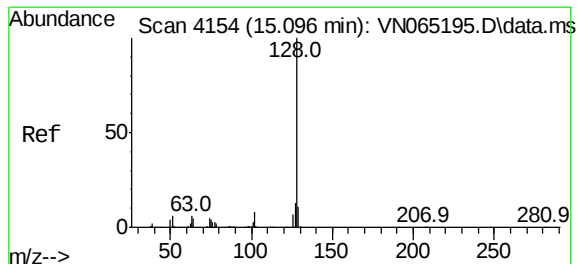
SAM
 12/30/2020 2:25:14 PM



Scan 4118 (14.981 min): VN065195.D\data.ms (#4114) (-)
 Hexachlorobutadiene
 Concen: 42.83 ug/l
 RT: 14.977 min Scan# 4117
 Delta R.T. -0.004 min
 Lab File: VN065309.D
 Acq: 29 Dec 2020 16:34

Tgt Ion:	225	Resp:	100750
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.0	93.0
227	63.4	32.0	96.0



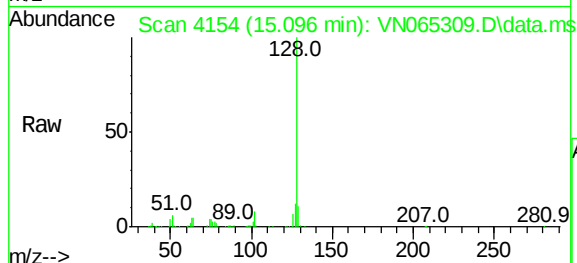


#41539 (-)
Naphthalene
Concen: 45.69 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. 0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34

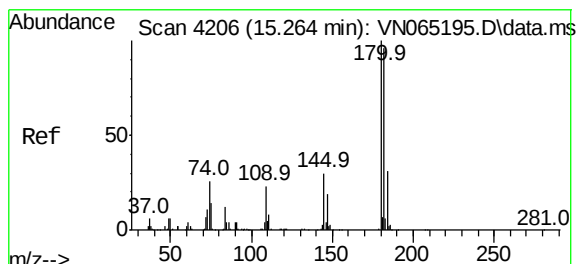
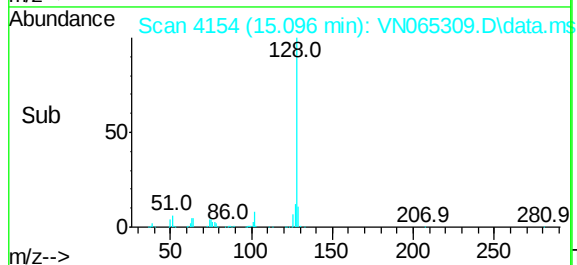
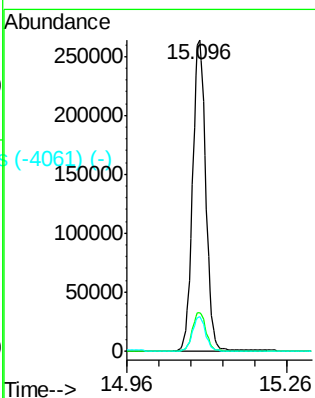
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

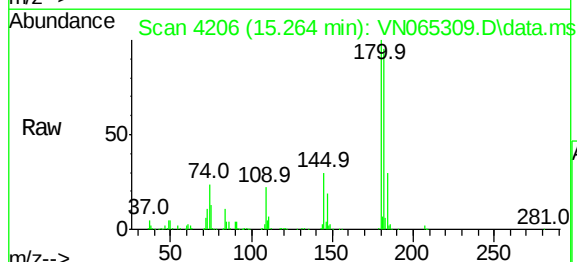
SAM
12/30/2020 2:25:14 PM



Tgt Ion:	128	Resp:	438273
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.7	8.7	13.1



#42062 (-)
1,2,3-Trichlorobenzene
Concen: 46.15 ug/l
RT: 15.264 min Scan# 4206
Delta R.T. -0.000 min
Lab File: VN065309.D
Acq: 29 Dec 2020 16:34



Tgt Ion:	180	Resp:	157041
Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.1	144.4
145	29.7	16.4	49.1

