

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063502.D
 Acq On : 21 Sep 2020 22:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:08:09 PM

Quant Time: Sep 22 05:12:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	277675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	446941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213363	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222842	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	7.55	113	156019	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	10.06	98	601664	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.38	95	229758	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	145929	46.388	ug/l	99
3) Chloromethane	2.04	50	178024	42.778	ug/l	99
4) Vinyl Chloride	2.16	62	176439	47.853	ug/l	96
5) Bromomethane	2.52	94	110882	50.650	ug/l	97
6) Chloroethane	2.67	64	104609	46.220	ug/l	97
7) Trichlorofluoromethane	2.98	101	279229	50.759	ug/l	100
8) Diethyl Ether	3.37	74	103676	48.346	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	149078	48.188	ug/l	97
10) Methyl Iodide	3.91	142	200199	49.705	ug/l	99
11) Tert butyl alcohol	4.73	59	156703	239.306	ug/l	100
12) 1,1-Dichloroethene	3.70	96	147172	46.967	ug/l	99
13) Acrolein	3.56	56	94983	391.410	ug/l	99
14) Allyl chloride	4.28	41	291147	46.973	ug/l	99
15) Acrylonitrile	4.93	53	413678	248.358	ug/l	99
16) Acetone	3.77	43	367640	242.011	ug/l	100
17) Carbon Disulfide	4.01	76	408823	44.853	ug/l	100
18) Methyl Acetate	4.27	43	196261	50.892	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	558264	47.801	ug/l	98
20) Methylene Chloride	4.51	84	175447	45.584	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	160155	46.131	ug/l	94
22) Diisopropyl ether	5.90	45	594331	47.016	ug/l	99
23) Vinyl Acetate	5.84	43	2505206	241.309	ug/l	99
24) 1,1-Dichloroethane	5.80	63	322411	46.716	ug/l	98
25) 2-Butanone	6.78	43	567648	242.964	ug/l	97
26) 2,2-Dichloropropane	6.78	77	259648	42.731	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	191200	48.657	ug/l	98
28) Bromochloromethane	7.15	49	154184	48.385	ug/l	97
29) Tetrahydrofuran	7.16	42	378796	237.390	ug/l	98
30) Chloroform	7.33	83	333946	48.229	ug/l	99
31) Cyclohexane	7.61	56	273145	41.841	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	298827	48.522	ug/l	99
36) 1,1-Dichloropropene	7.75	75	240895	45.956	ug/l	99
37) Ethyl Acetate	6.88	43	246309	47.876	ug/l	99
38) Carbon Tetrachloride	7.74	117	254403	47.544	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063502.D
 Acq On : 21 Sep 2020 22:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:08:09 PM

Quant Time: Sep 22 05:12:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245505	43.153	ug/l	97
40) Benzene	8.00	78	712314	47.603	ug/l	100
41) Methacrylonitrile	7.13	41	111708	48.277	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	286366	47.588	ug/l	100
43) Isopropyl Acetate	8.13	43	425497	46.254	ug/l	99
44) Trichloroethene	8.80	130	177240	48.835	ug/l	98
45) 1,2-Dichloropropane	9.08	63	194153	47.640	ug/l	100
46) Dibromomethane	9.17	93	129072	48.186	ug/l	100
47) Bromodichloromethane	9.37	83	267315	48.037	ug/l	99
48) Methyl methacrylate	9.17	41	208859	46.211	ug/l	97
49) 1,4-Dioxane	9.16	88	64384	992.666	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1257966	244.263	ug/l	99
52) Toluene	10.13	92	443586	49.306	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	295893	47.629	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	310306	47.354	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	179279	50.169	ug/l	98
56) Ethyl methacrylate	10.40	69	275329	49.354	ug/l	99
57) 1,3-Dichloropropane	10.68	76	306304	47.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	716534	244.846	ug/l	98
59) 2-Hexanone	10.72	43	929661	249.167	ug/l	99
60) Dibromochloromethane	10.87	129	199413	49.395	ug/l	97
61) 1,2-Dibromoethane	10.98	107	185569	49.983	ug/l	98
64) Tetrachloroethene	10.60	164	153588	50.467	ug/l	99
65) Chlorobenzene	11.41	112	460677	48.557	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	174052	50.048	ug/l	99
67) Ethyl Benzene	11.48	91	882823	49.413	ug/l	100
68) m/p-Xylenes	11.60	106	633668	98.369	ug/l	100
69) o-Xylene	11.92	106	312276	50.889	ug/l	96
70) Styrene	11.94	104	532215	51.718	ug/l	99
71) Bromoform	12.10	173	132069	50.976	ug/l #	100
73) Isopropylbenzene	12.22	105	828798	48.474	ug/l	100
74) N-amyl acetate	12.05	43	389546	48.130	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	256253	48.405	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	237716m	45.013	ug/l	
77) Bromobenzene	12.50	156	193375	50.279	ug/l	96
78) n-propylbenzene	12.57	91	950525	47.731	ug/l	100
79) 2-Chlorotoluene	12.65	91	580261	48.608	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	699087	49.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	89647	46.540	ug/l	98
82) 4-Chlorotoluene	12.75	91	626662	49.684	ug/l	99
83) tert-Butylbenzene	12.97	119	560822	47.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	707503	49.129	ug/l	100
85) sec-Butylbenzene	13.15	105	751126	47.687	ug/l	100
86) p-Isopropyltoluene	13.26	119	675942	48.655	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	349753	49.064	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	357453	49.321	ug/l	99
89) n-Butylbenzene	13.59	91	616543	48.147	ug/l	99
90) Hexachloroethane	13.85	117	120846	45.682	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	348430	49.786	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	60364	47.884	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063502.D
Acq On : 21 Sep 2020 22:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM

Quant Time: Sep 22 05:12:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	199434	48.337	ug/l	100
94) Hexachlorobutadiene	14.98	225	86554	50.673	ug/l	95
95) Naphthalene	15.10	128	672913	49.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	191460	48.027	ug/l	97

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

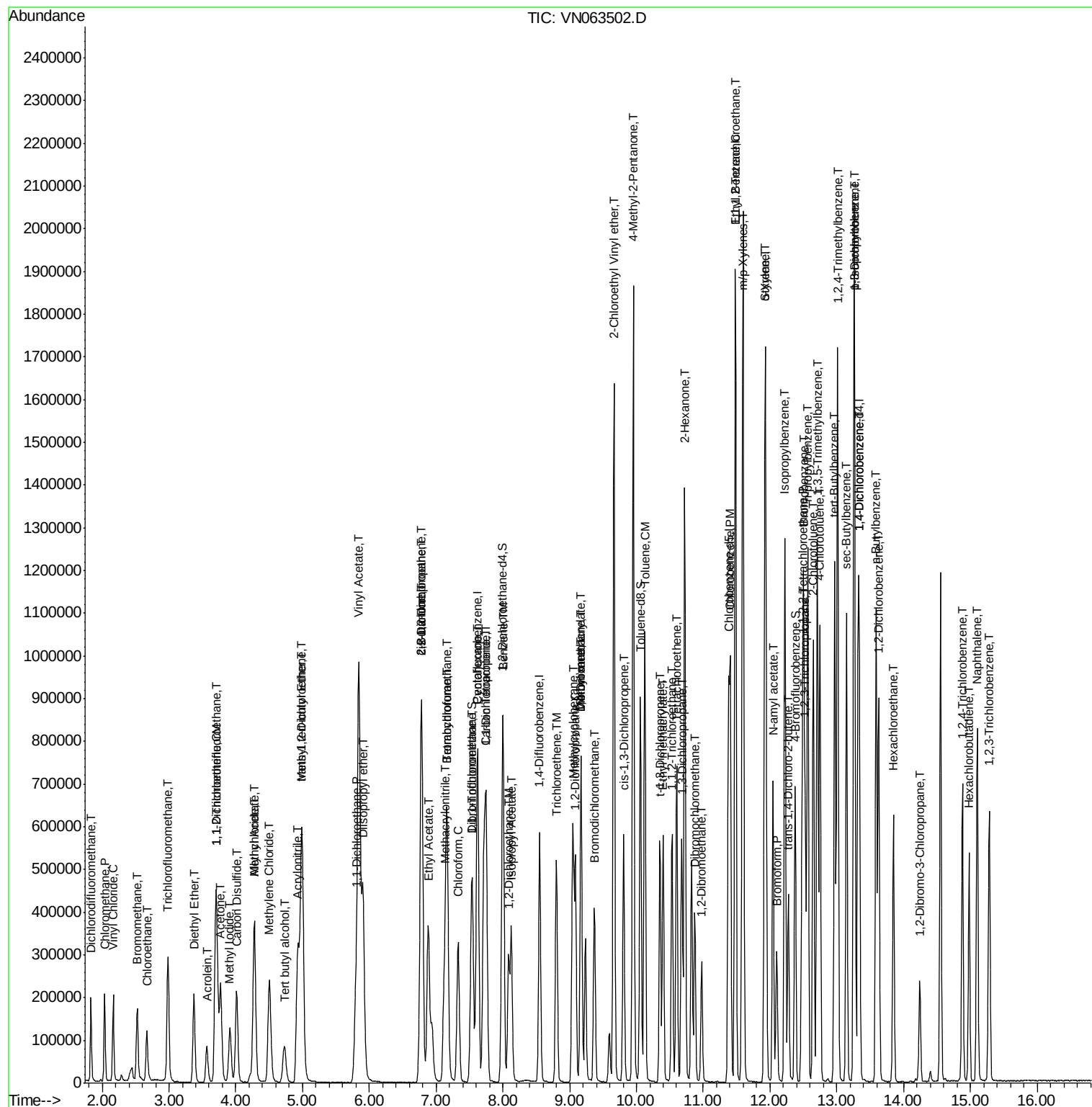
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063502.D
Acq On : 21 Sep 2020 22:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

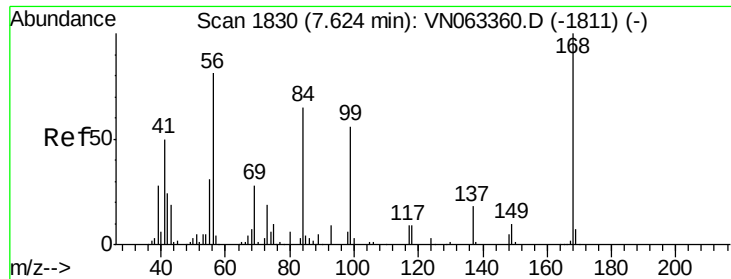
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM

Quant Time: Sep 22 05:12:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 277675

Ion Ratio Lower Upper

168 100

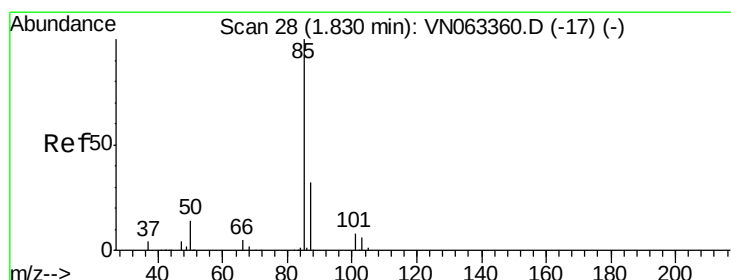
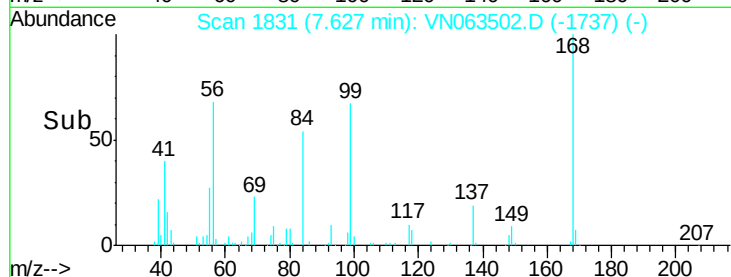
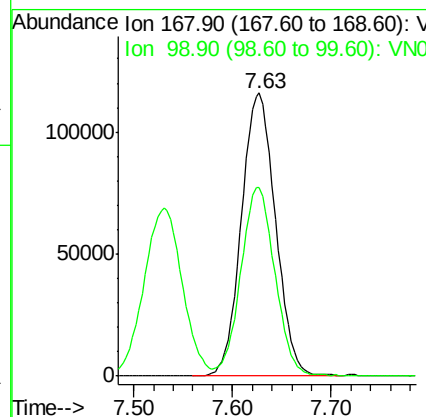
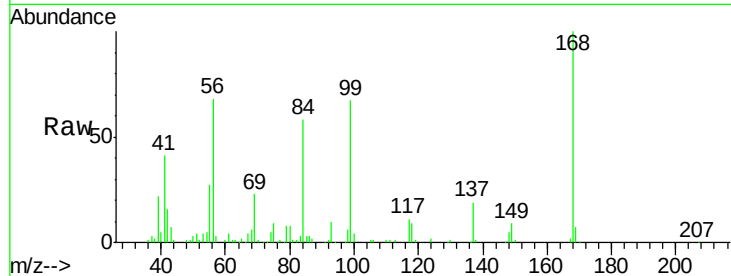
99 66.2 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

9/22/2020 2:08:09 PM



#2

Dichlorodifluoromethane

Concen: 46.388 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063502.D

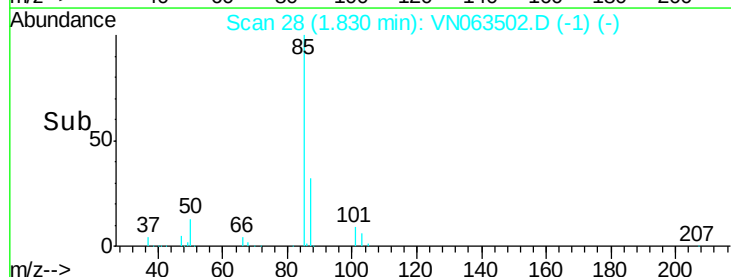
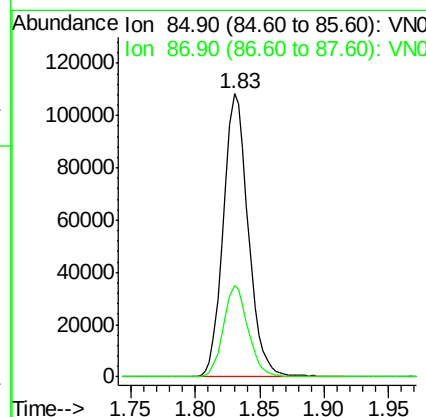
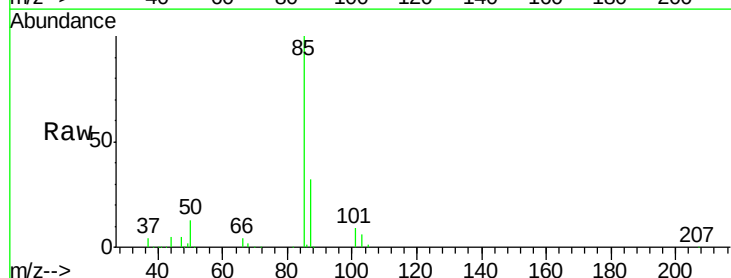
Acq: 21 Sep 2020 22:05

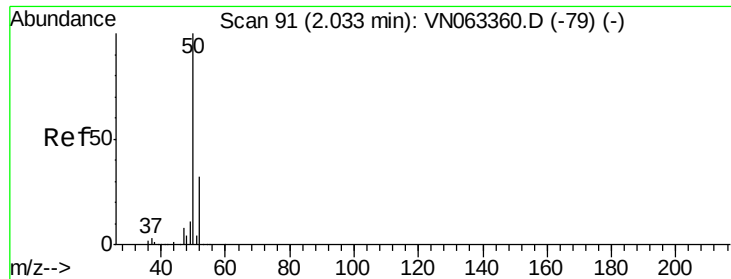
Tgt Ion: 85 Resp: 145929

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6





#3

Chloromethane

Concen: 42.778 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 178024

Ion Ratio Lower Upper

50 100

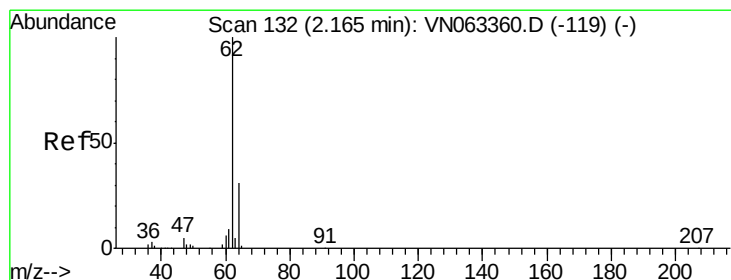
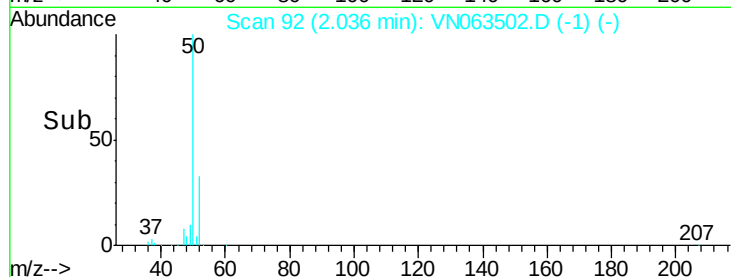
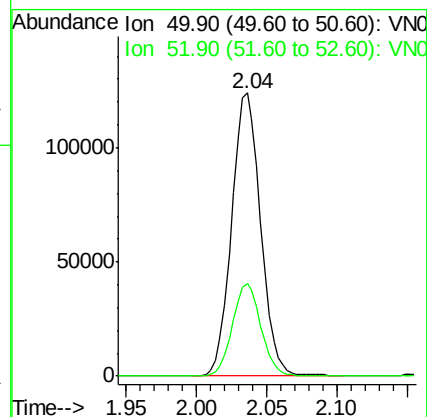
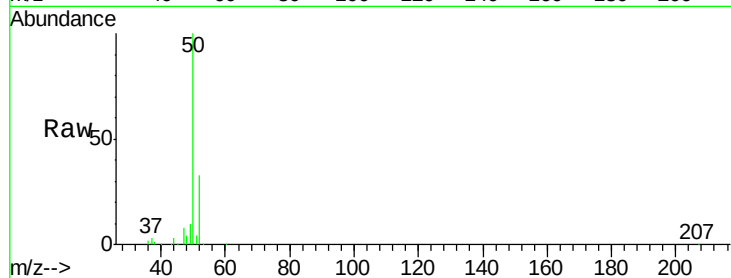
52 32.9 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

9/22/2020 2:08:09 PM



#4

Vinyl Chloride

Concen: 47.853 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063502.D

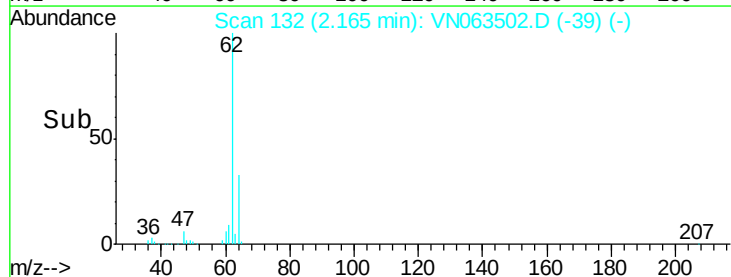
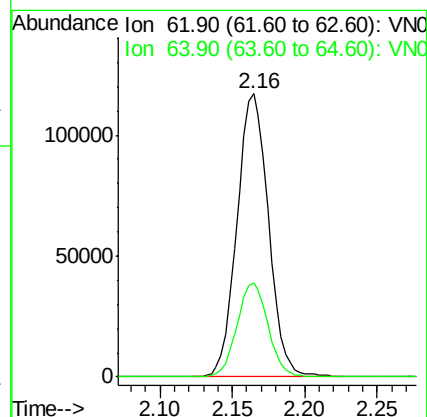
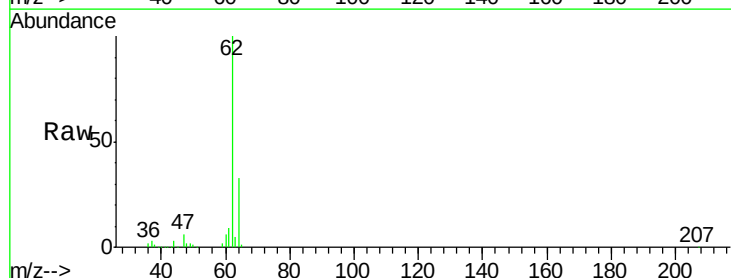
Acq: 21 Sep 2020 22:05

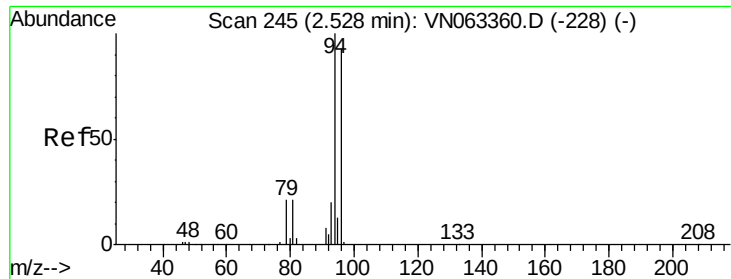
Tgt Ion: 62 Resp: 176439

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 50.650 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 110882

Ion Ratio Lower Upper

94 100

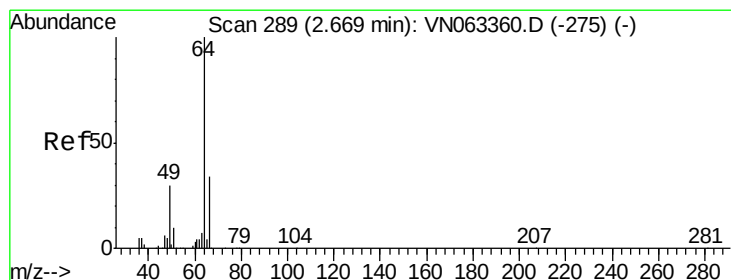
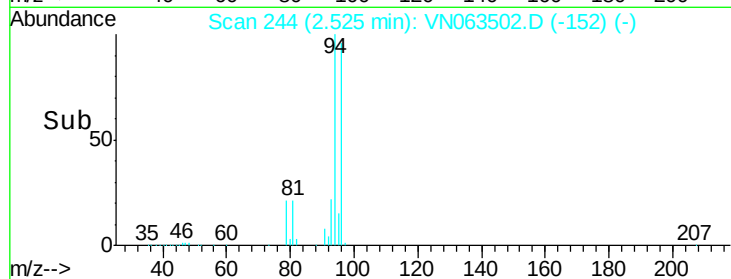
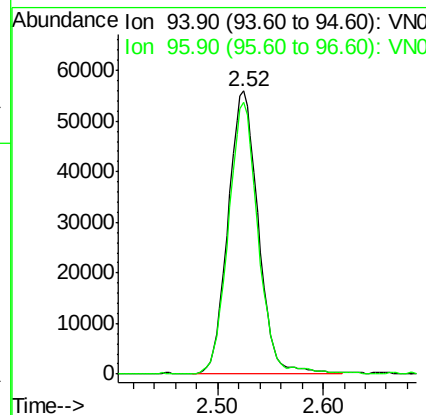
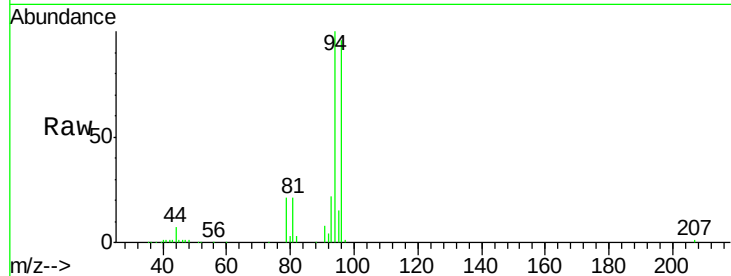
96 96.1 74.5 111.7

Manual Integrations

APPROVED

MMDadoda

9/22/2020 2:08:09 PM



#6

Chloroethane

Concen: 46.220 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063502.D

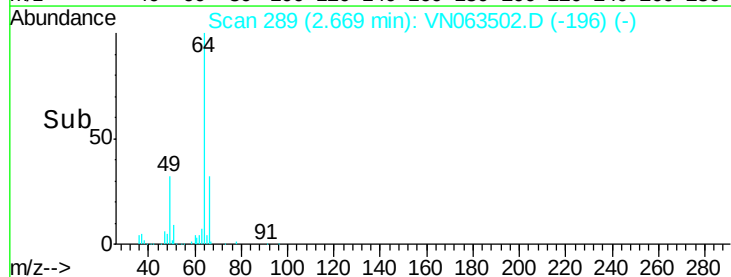
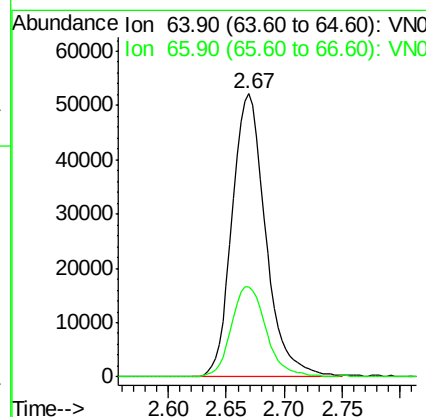
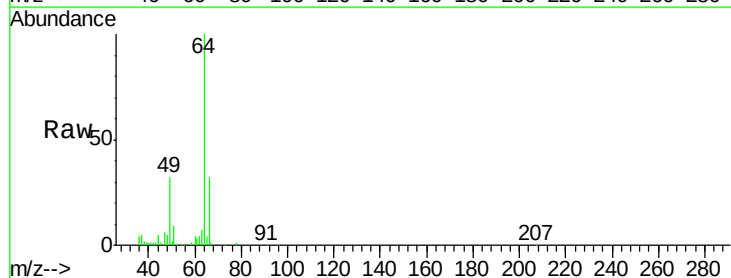
Acq: 21 Sep 2020 22:05

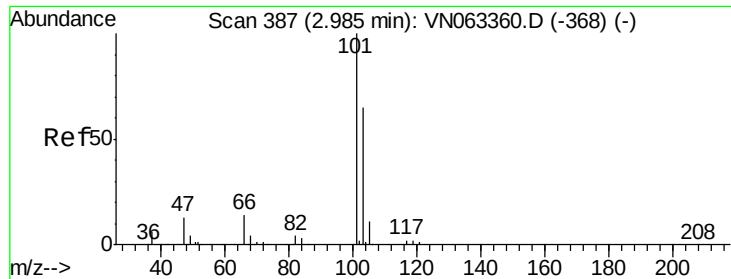
Tgt Ion: 64 Resp: 104609

Ion Ratio Lower Upper

64 100

66 31.8 26.9 40.3





#7

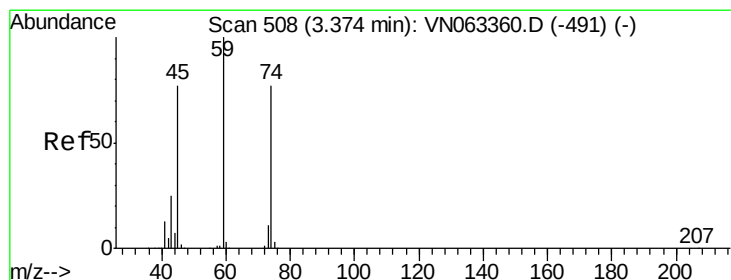
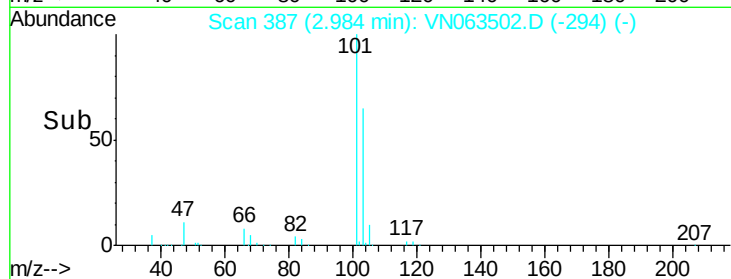
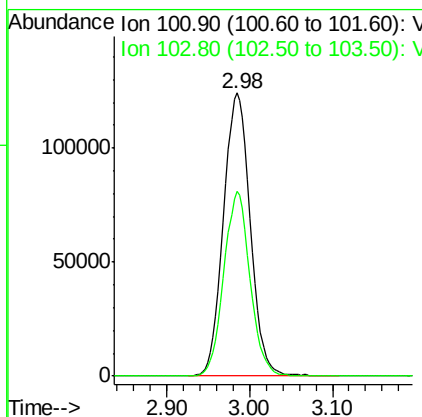
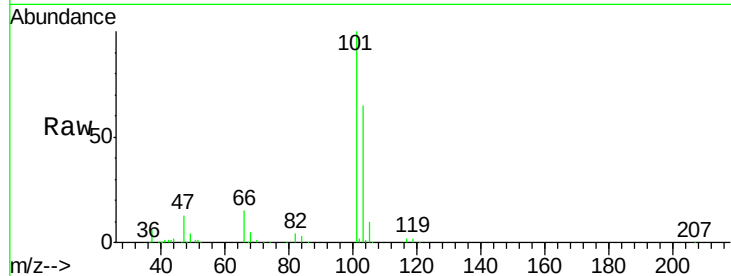
Trichlorofluoromethane
 Concen: 50.759 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.3	78.5

Manual Integrations
 APPROVED

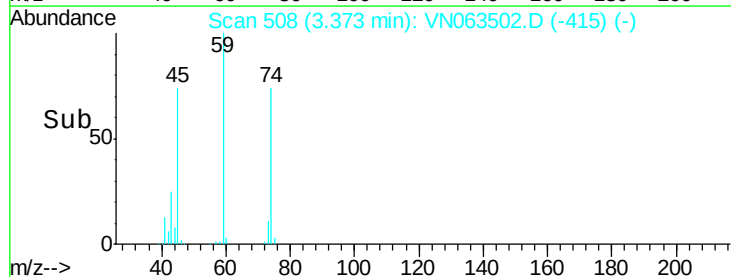
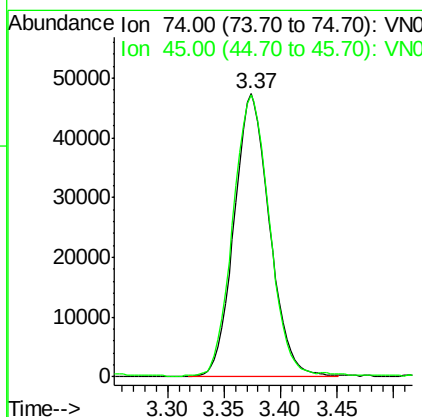
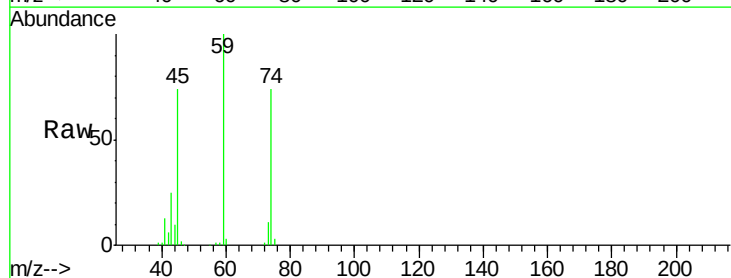
MMDadoda
 9/22/2020 2:08:09 PM

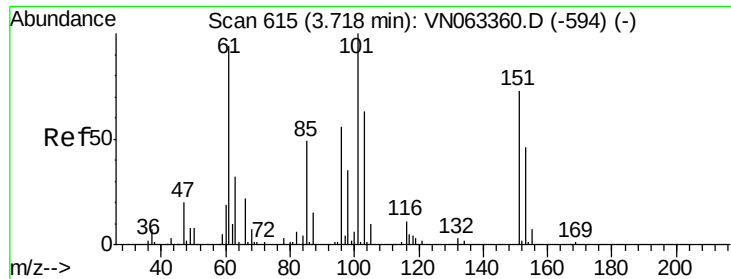


#8

Diethyl Ether
 Concen: 48.346 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.188 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

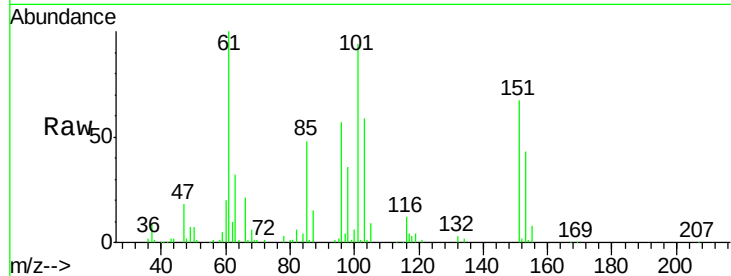
ClientSampleId :

VSTDCCC050

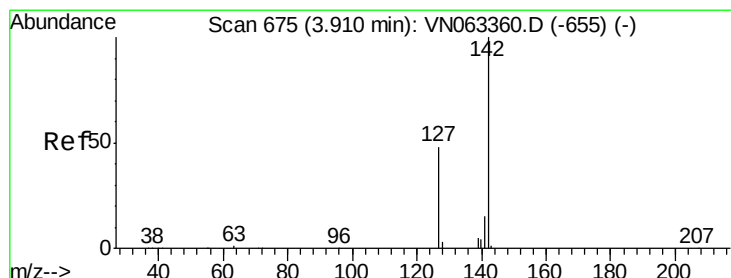
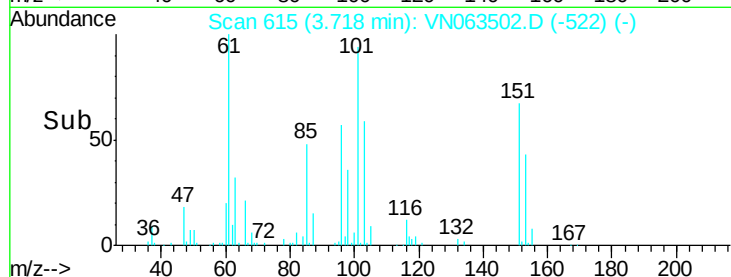
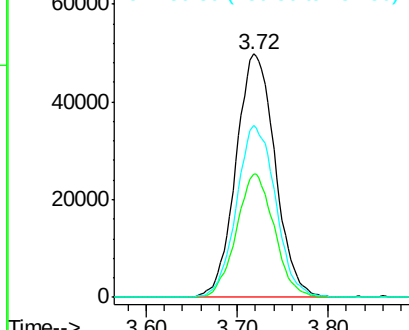
Tot Ion:	101	Resp:	149078
Ion Ratio	Lower	Upper	
101	100		
85	49.1	37.7	56.5
151	70.3	57.7	86.5

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.705 ug/l

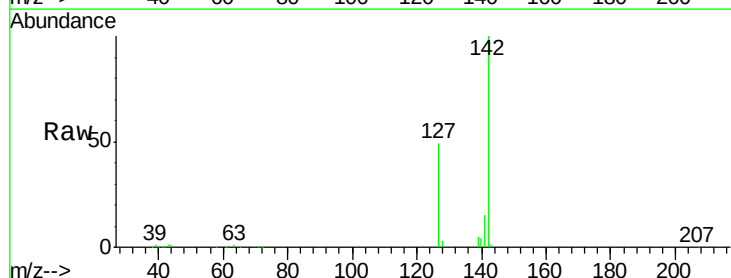
RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

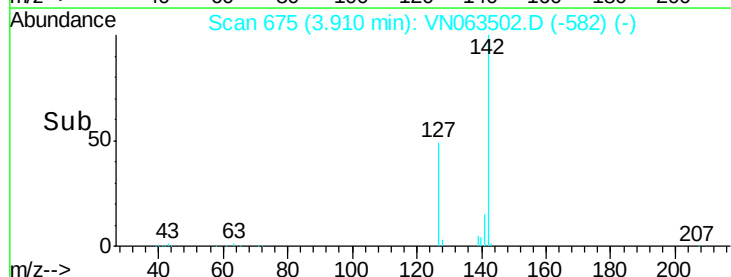
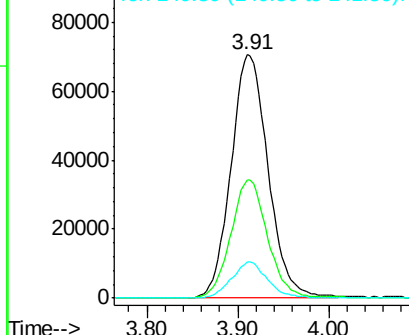
Lab File: VN063502.D

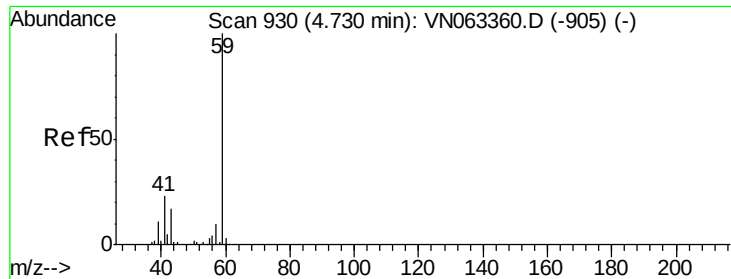
Acq: 21 Sep 2020 22:05

Tgt Ion:	142	Resp:	200199
Ion Ratio	Lower	Upper	
142	100		
127	48.0	39.0	58.6
141	14.3	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

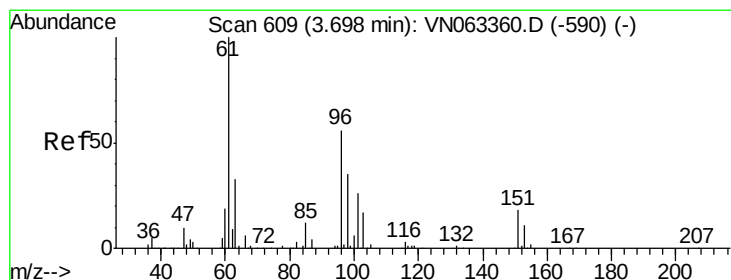
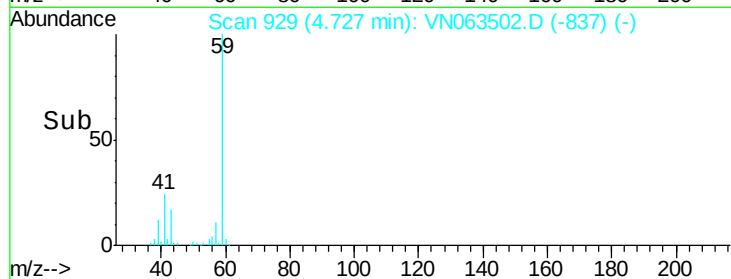
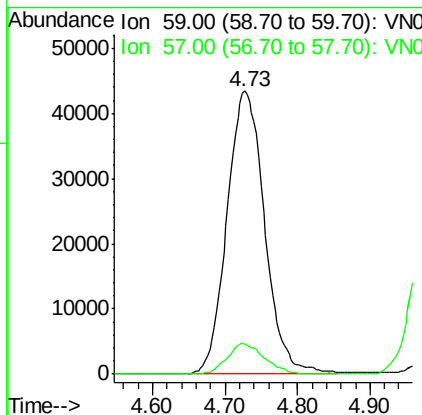
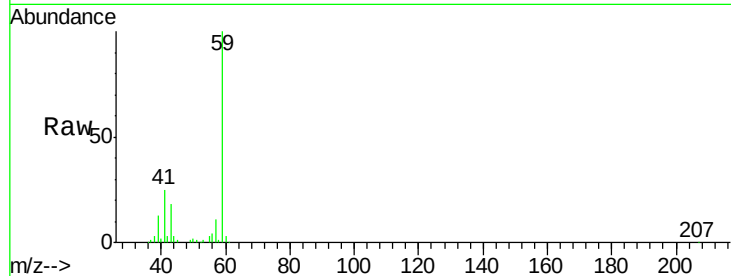
Tert butyl alcohol
Concen: 239.306 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

Manual Integrations
APPROVED

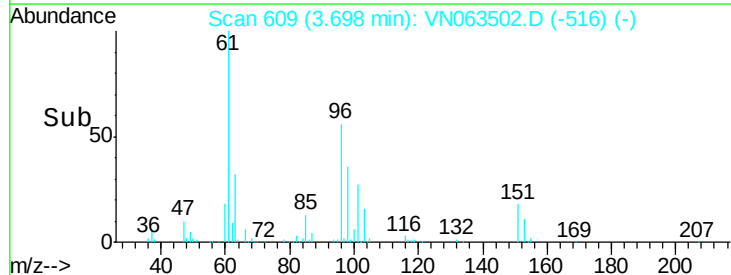
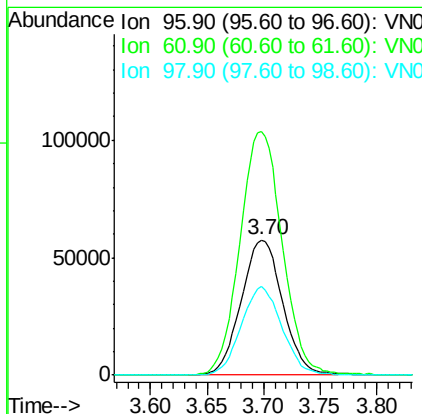
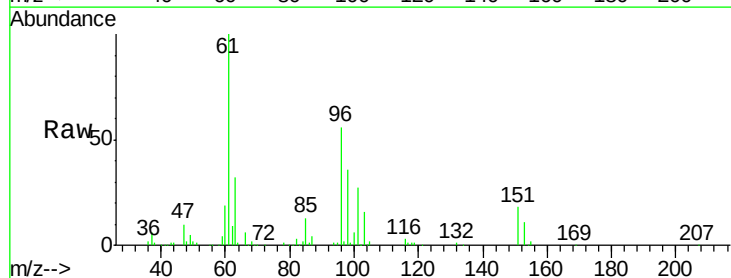
MMDadoda
9/22/2020 2:08:09 PM

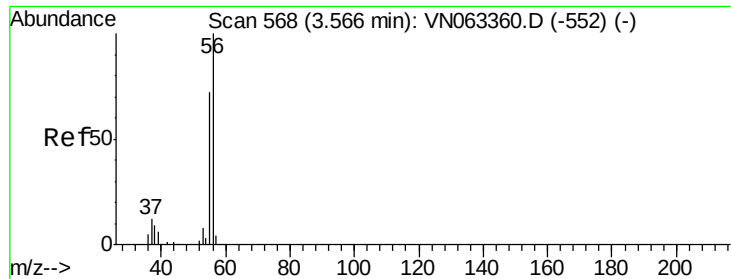


#12

1,1-Dichloroethene
Concen: 46.967 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.0	143.4	215.2
98	65.4	50.6	76.0





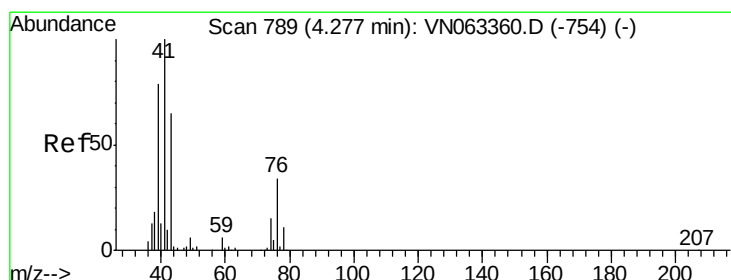
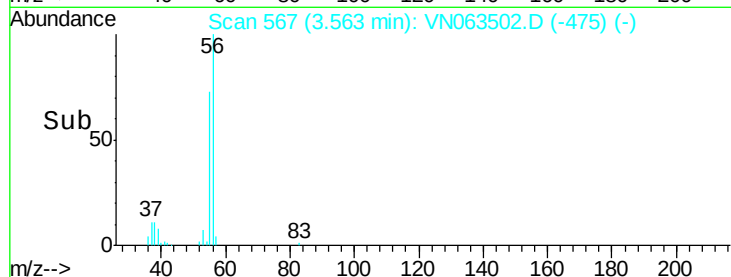
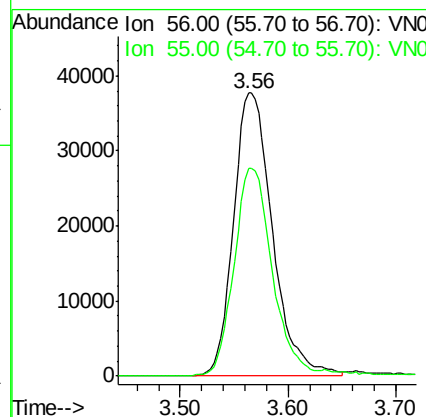
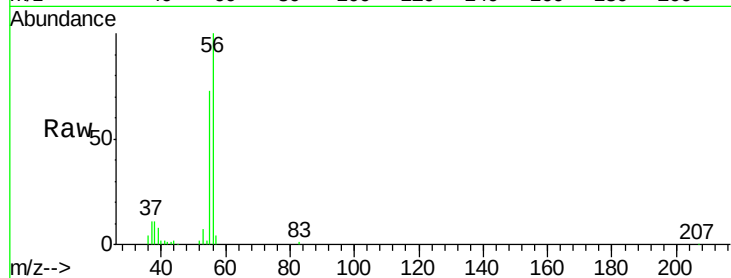
#13
Acrolein
Concen: 391.410 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.6	58.2	87.2

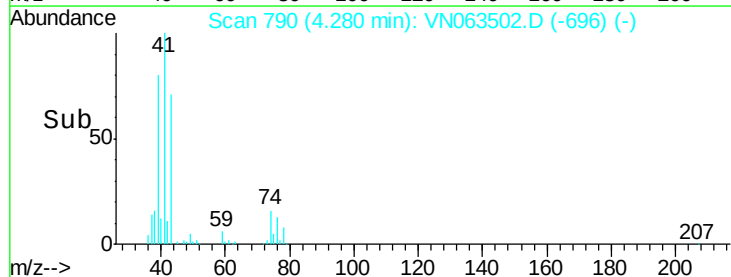
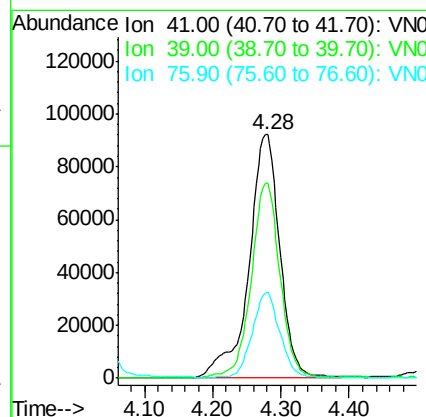
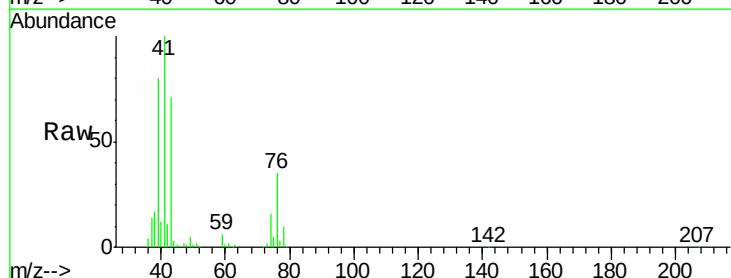
Manual Integrations
APPROVED

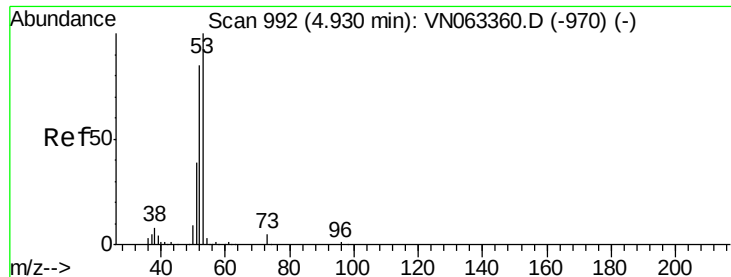
MMDadoda
9/22/2020 2:08:09 PM



#14
Allyl chloride
Concen: 46.973 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.5	59.3	88.9
76	30.7	25.3	37.9





#15

Acrylonitrile

Concen: 248.358 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

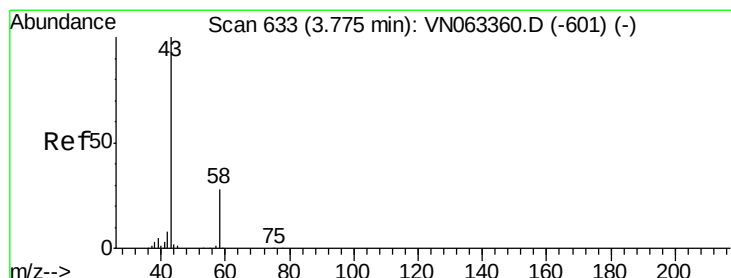
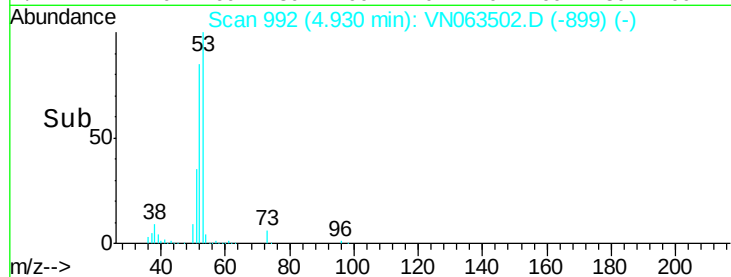
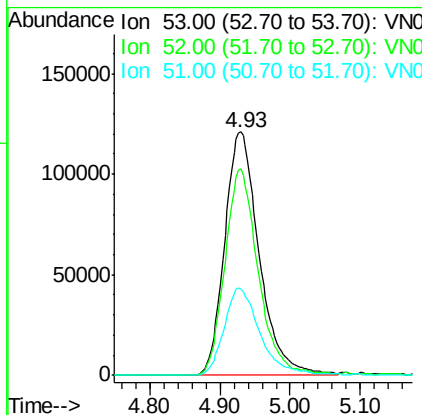
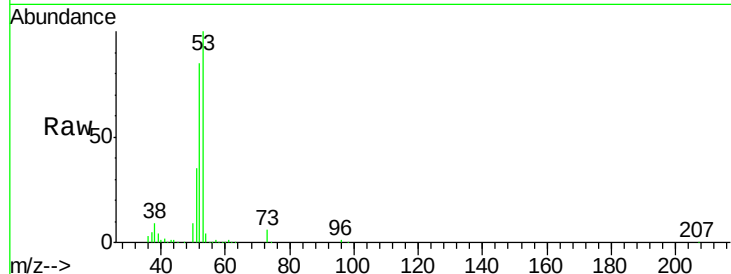
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	413678
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.4	99.6
51	37.3	30.2	45.4

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM



#16

Acetone

Concen: 242.011 ug/l

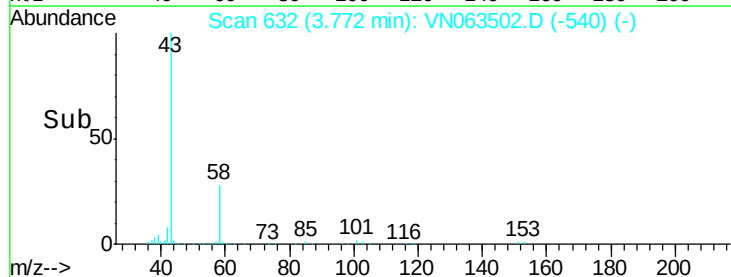
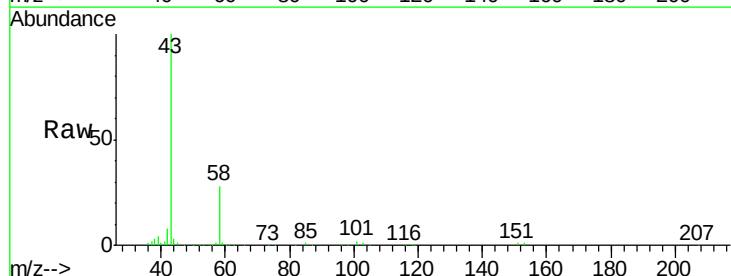
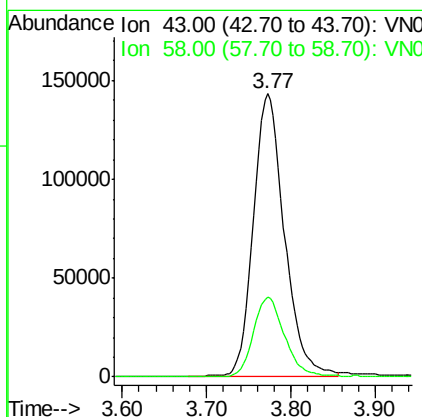
RT: 3.77 min Scan# 632

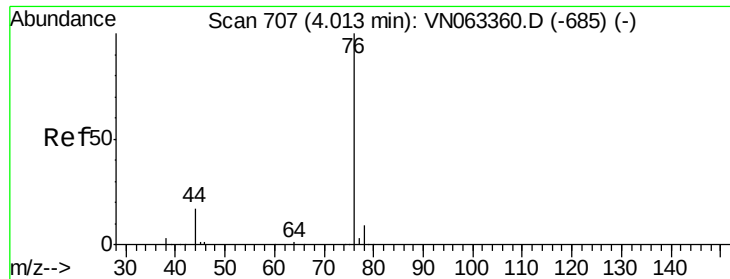
Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion:	43	Resp:	367640
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.3	33.5





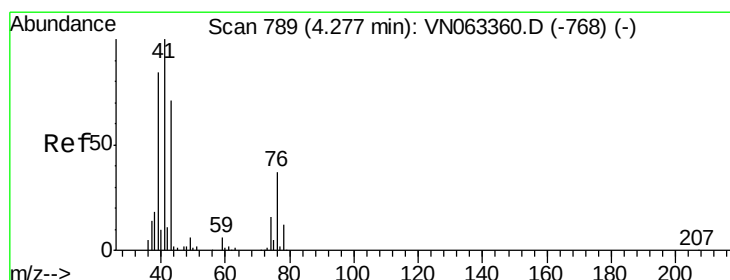
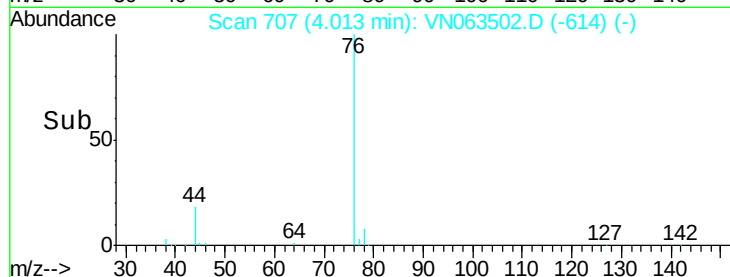
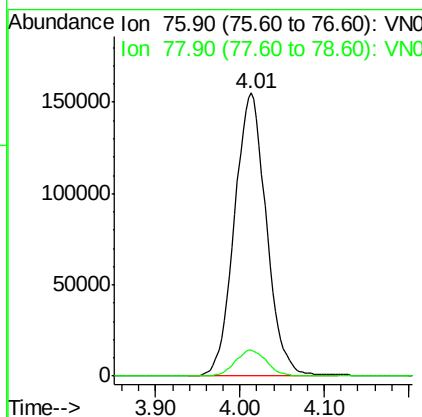
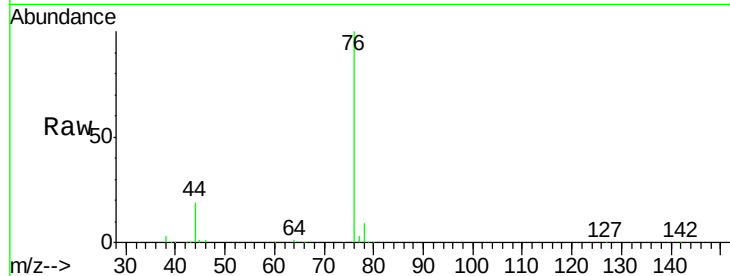
#17
Carbon Disulfide
Concen: 44.853 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 408823
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

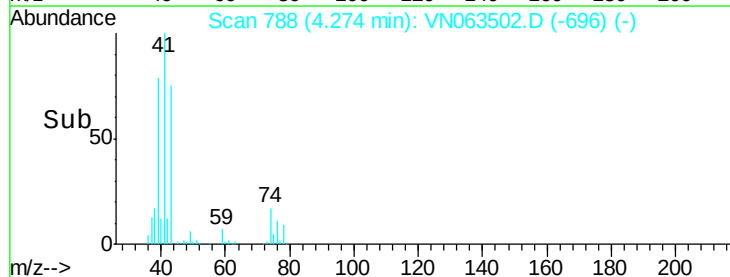
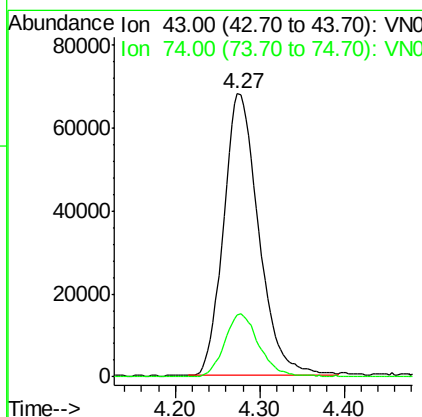
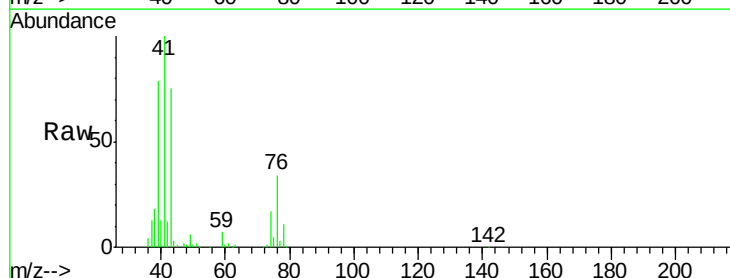
Manual Integrations
APPROVED

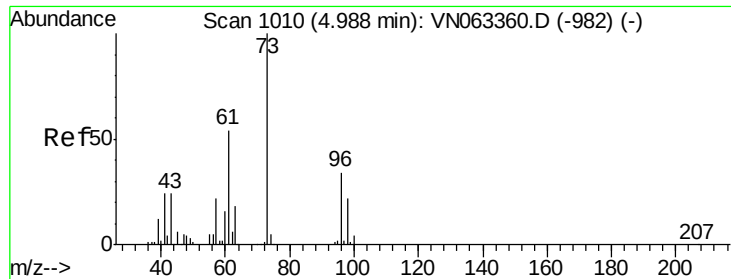
MMDadoda
9/22/2020 2:08:09 PM



#18
Methyl Acetate
Concen: 50.892 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 43 Resp: 196261
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2





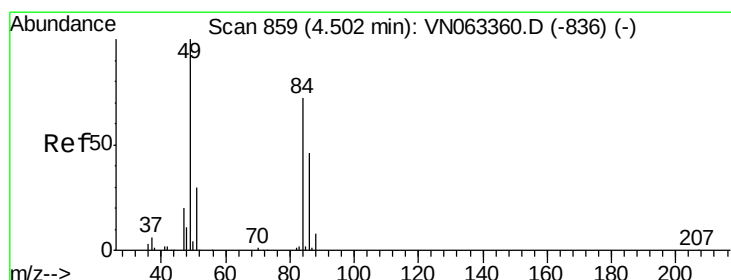
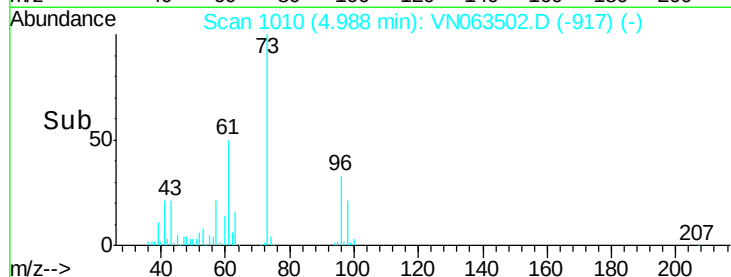
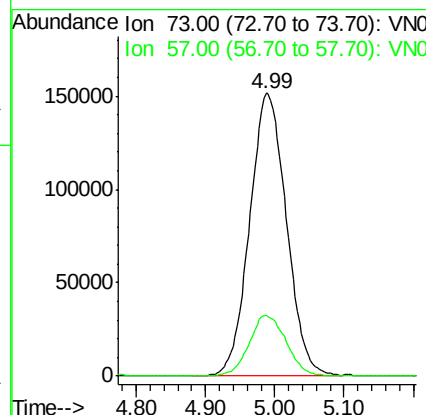
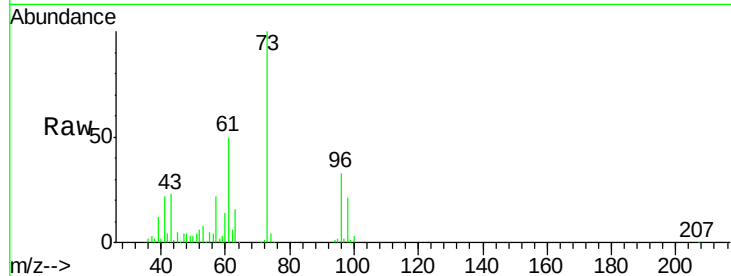
#19
Methvl tert-butvl Ether
Concen: 47.801 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 558264
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9

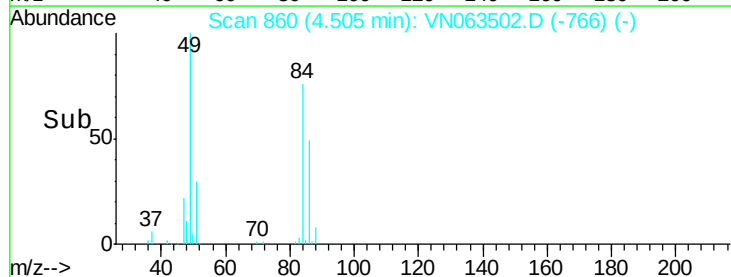
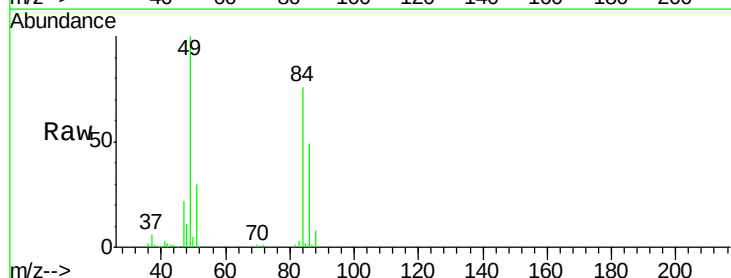
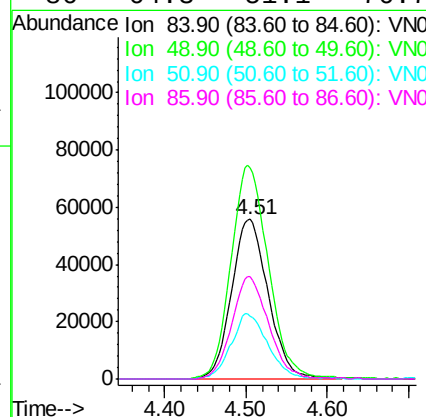
Manual Integrations
APPROVED

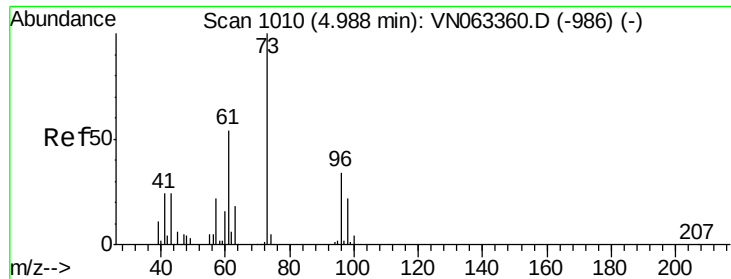
MMDadoda
9/22/2020 2:08:09 PM



#20
Methylene Chloride
Concen: 45.584 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 84 Resp: 175447
Ion Ratio Lower Upper
84 100
49 131.9 110.7 166.1
51 39.7 32.9 49.3
86 64.3 51.1 76.7





#21

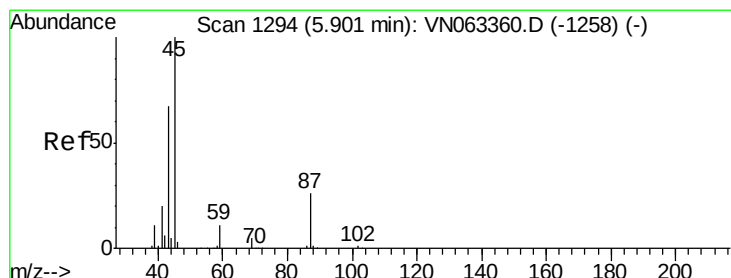
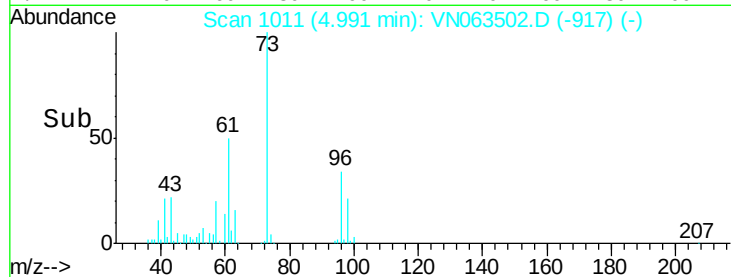
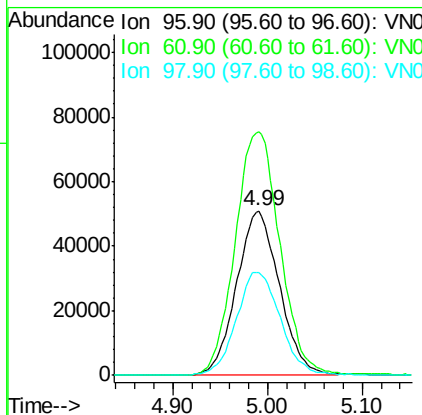
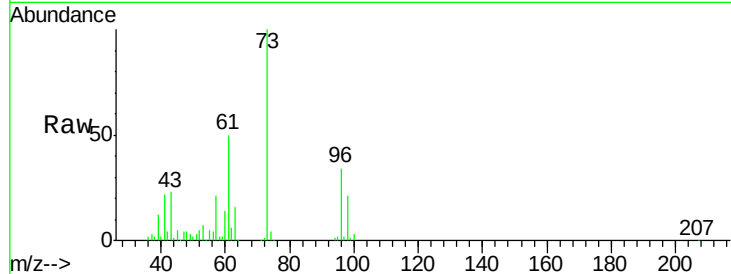
trans-1,2-Dichloroethene
Concen: 46.131 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	126.2	189.4
98	62.2	51.0	76.4

Manual Integrations
APPROVED

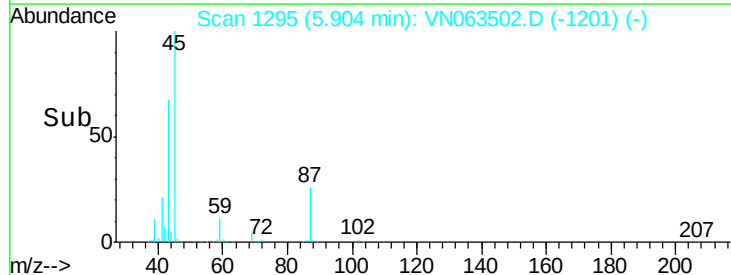
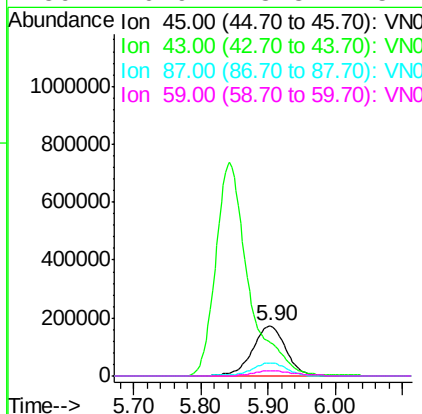
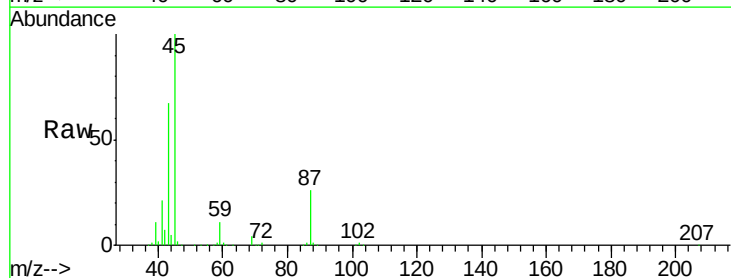
MMDadoda
9/22/2020 2:08:09 PM

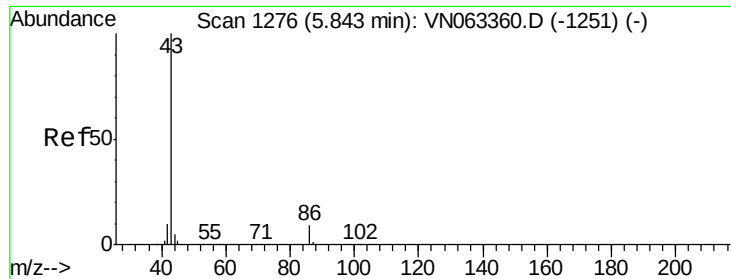


#22

Diisopropyl ether
Concen: 47.016 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.5	53.5	80.3
87	26.4	21.2	31.8
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 241.309 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2505206

Ion Ratio Lower Upper

43 100

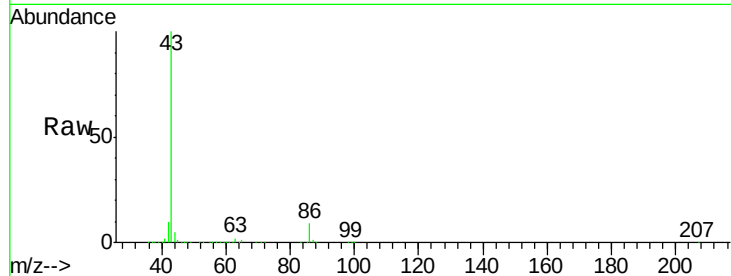
86 9.3 7.1 10.7

Manual Integrations

APPROVED

MMDadoda

9/22/2020 2:08:09 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

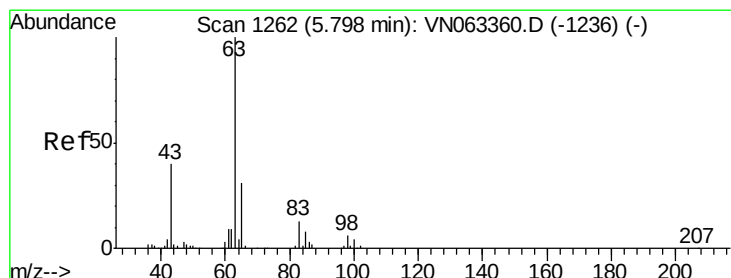
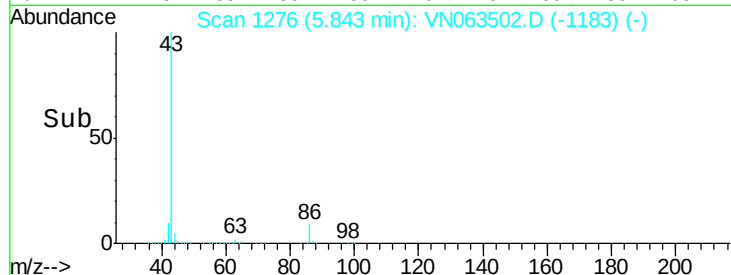
400000

200000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.716 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

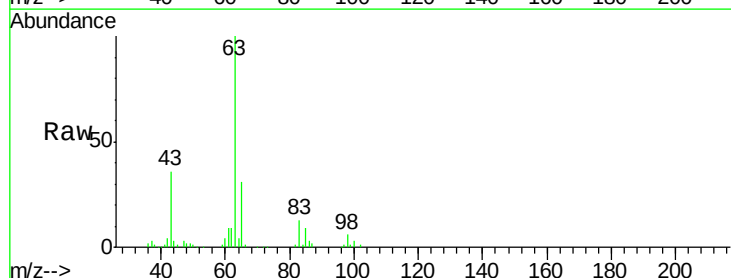
Tgt Ion: 63 Resp: 322411

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

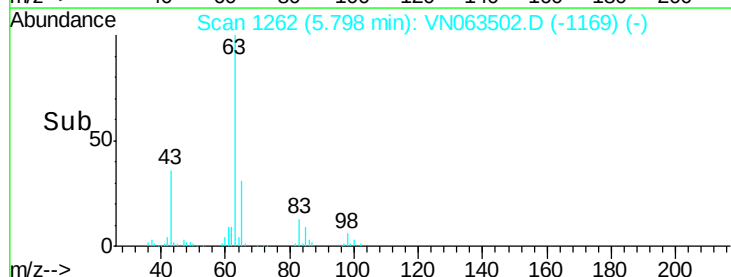
100000

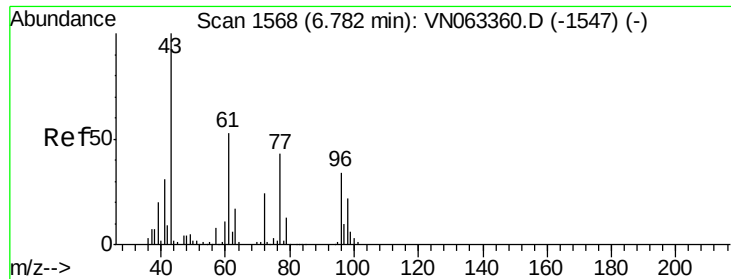
50000

0

5.70 5.80 5.90

Time-->





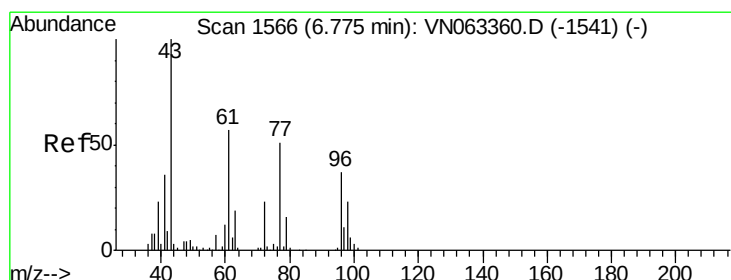
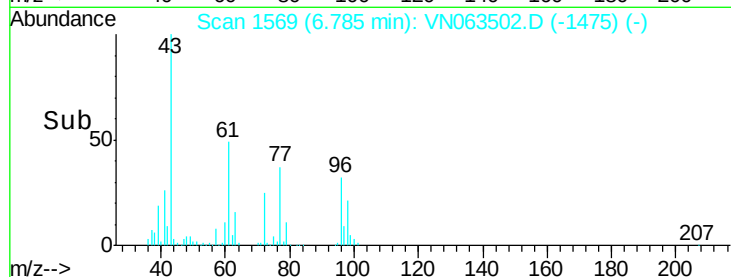
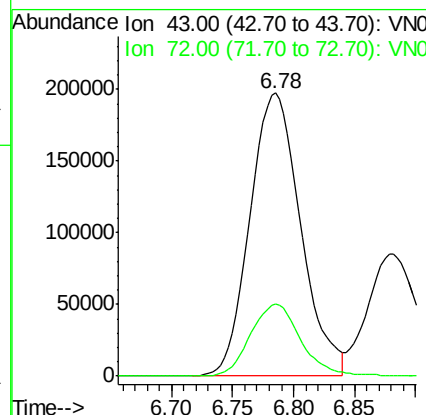
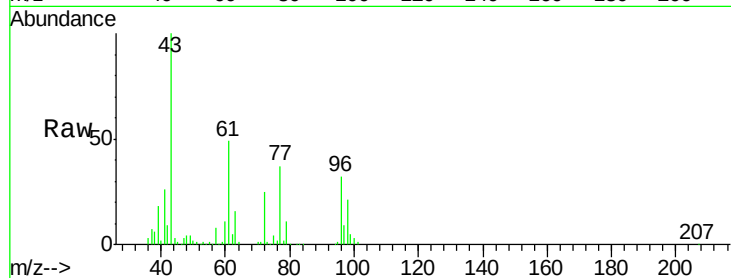
#25
2-Butanone
Concen: 242.964 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 567648
Ion Ratio Lower Upper
43 100
72 25.4 19.2 28.8

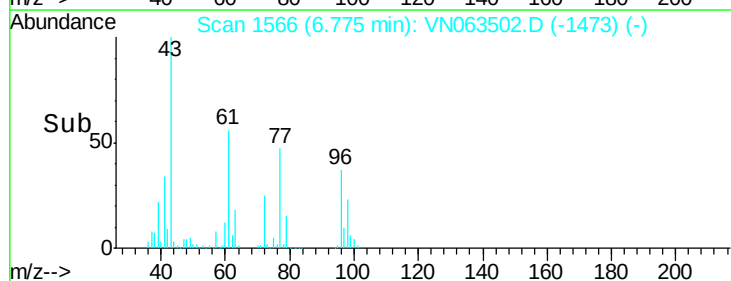
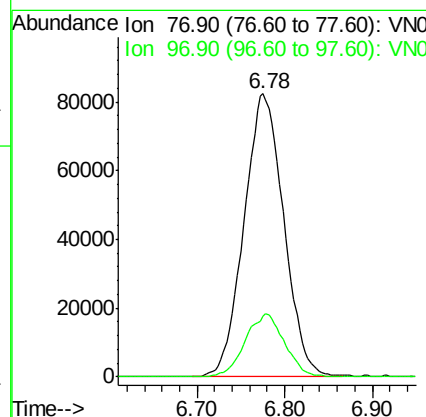
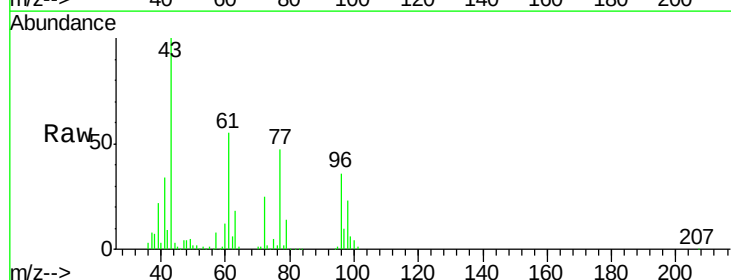
Manual Integrations
APPROVED

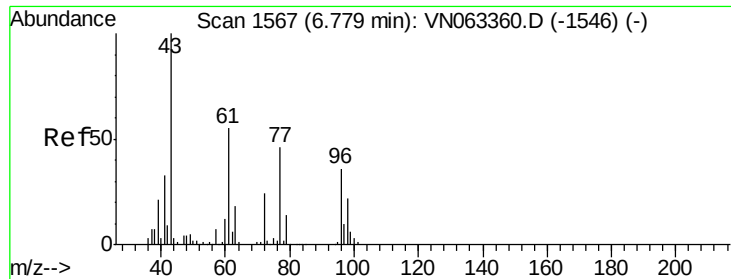
MMDadoda
9/22/2020 2:08:09 PM



#26
2,2-Dichloropropane
Concen: 42.731 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 77 Resp: 259648
Ion Ratio Lower Upper
77 100
97 22.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 48.657 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

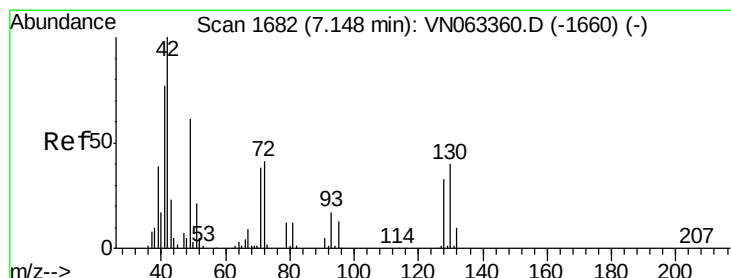
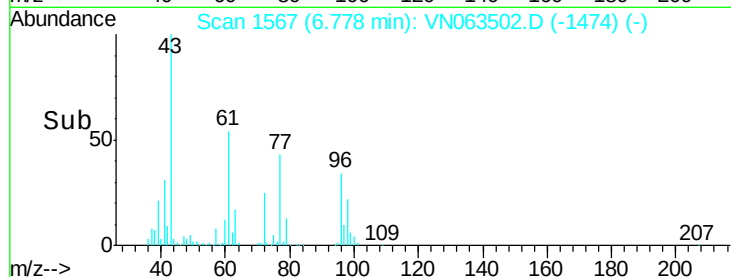
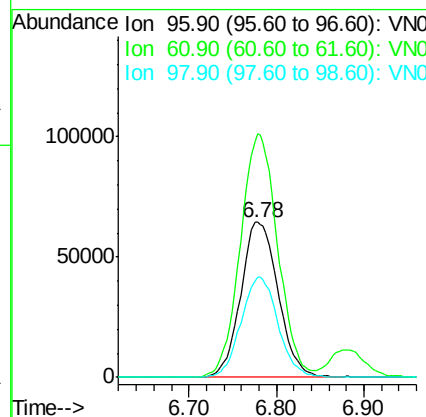
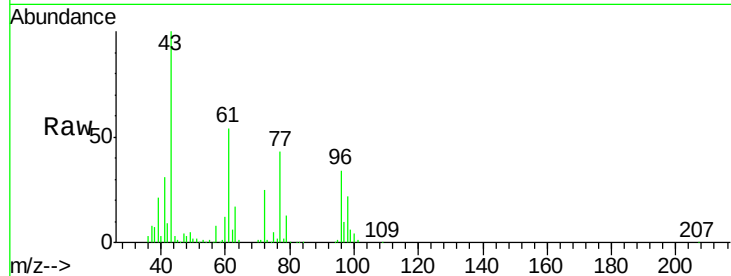
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	191200
Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	319.6
98	63.9	0.0	127.8

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM



#28

Bromochloromethane

Concen: 48.385 ug/l

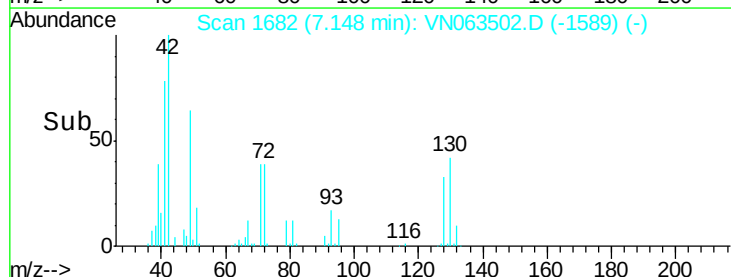
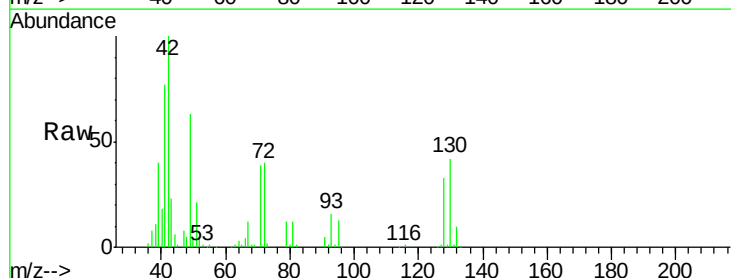
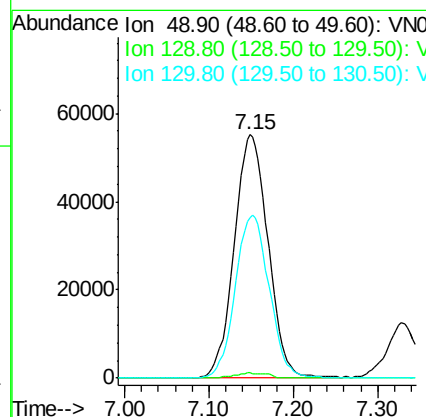
RT: 7.15 min Scan# 1682

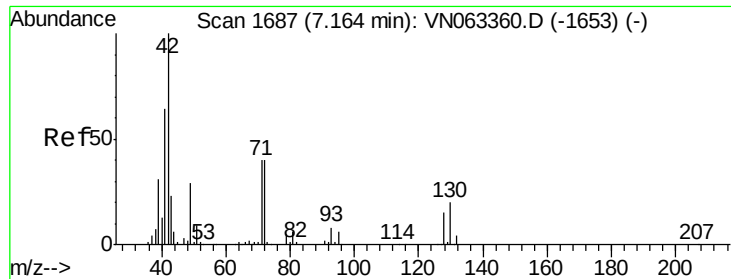
Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion:	49	Resp:	154184
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	67.3	52.2	78.2





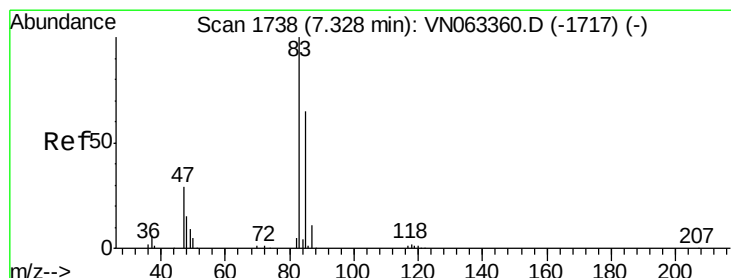
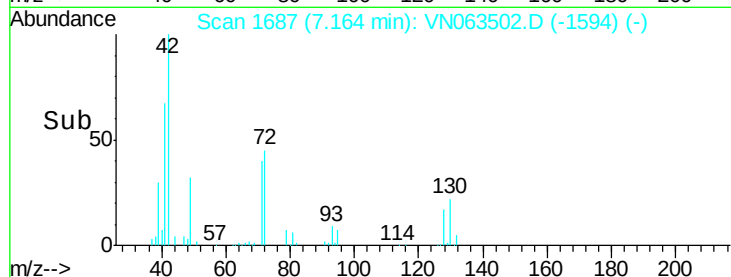
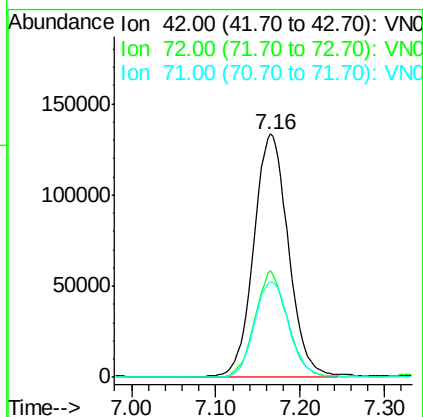
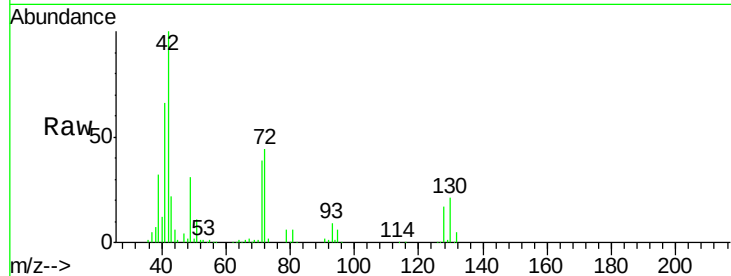
#29
Tetrahydrofuran
Concen: 237.390 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.1	48.1
71	39.8	31.2	46.8

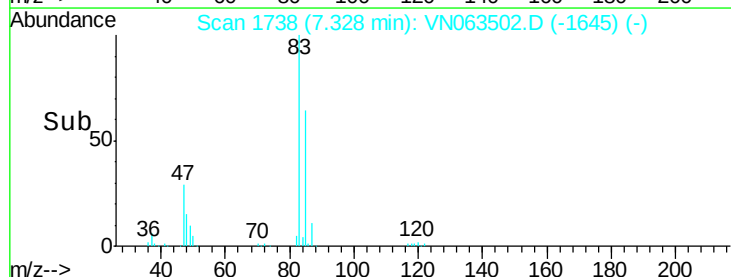
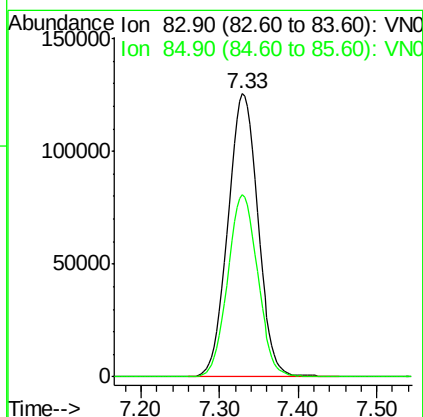
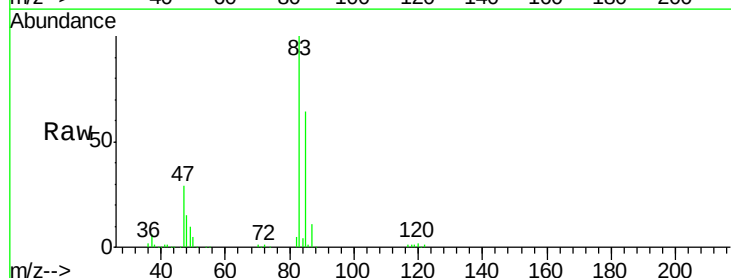
Manual Integrations
APPROVED

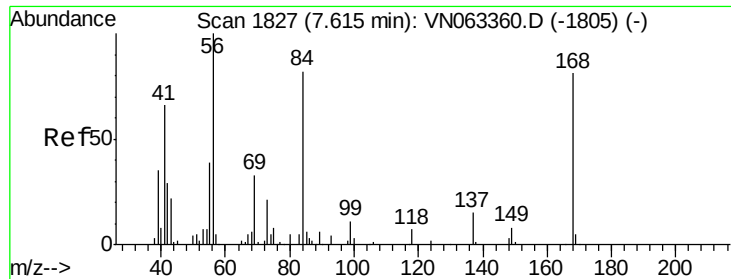
MMDadoda
9/22/2020 2:08:09 PM



#30
Chloroform
Concen: 48.229 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.1	78.1





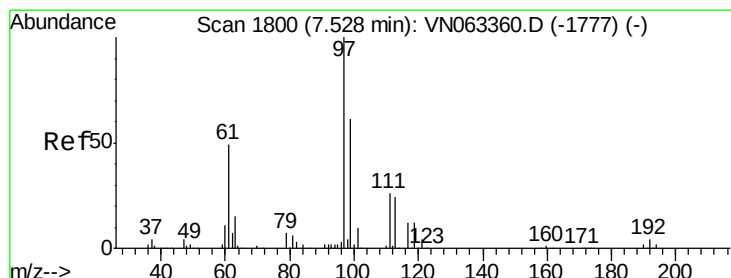
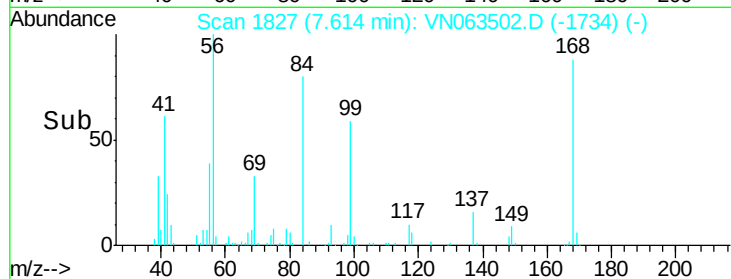
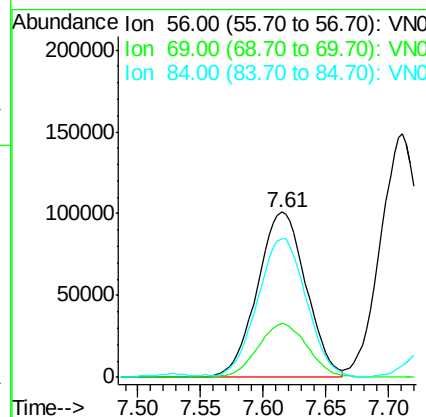
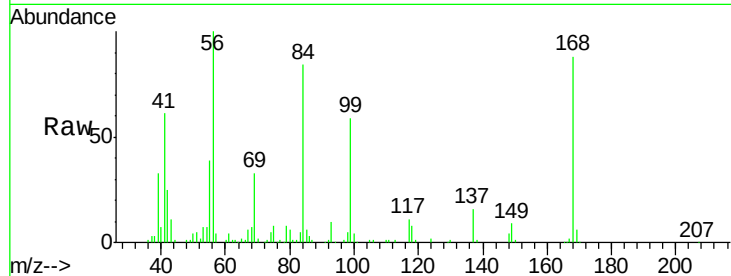
#31
Cyclohexane
Concen: 41.841 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.1	39.1
84	83.0	65.4	98.2

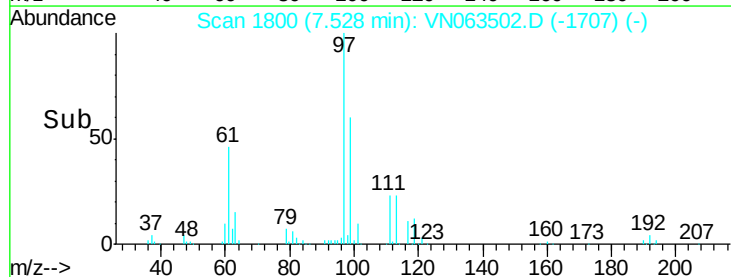
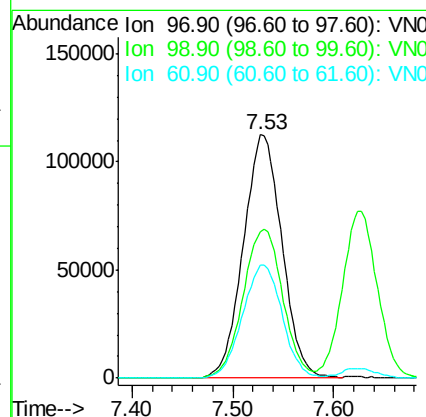
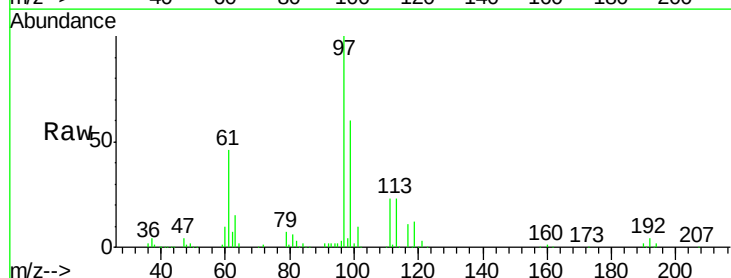
Manual Integrations
APPROVED

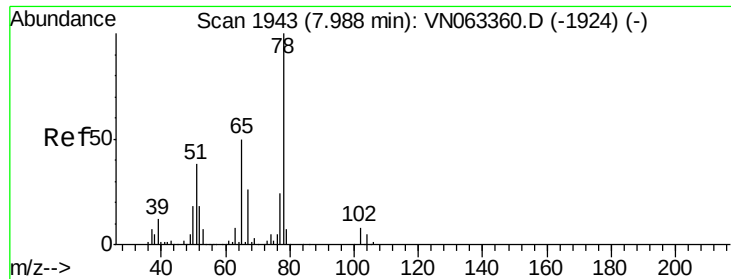
MMDadoda
9/22/2020 2:08:09 PM



#32
1,1,1-Trichloroethane
Concen: 48.522 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.6	76.0
61	47.7	39.2	58.8





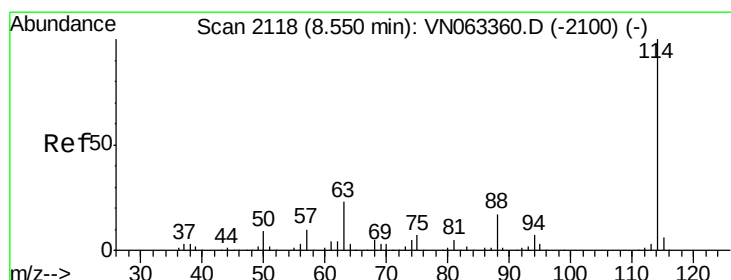
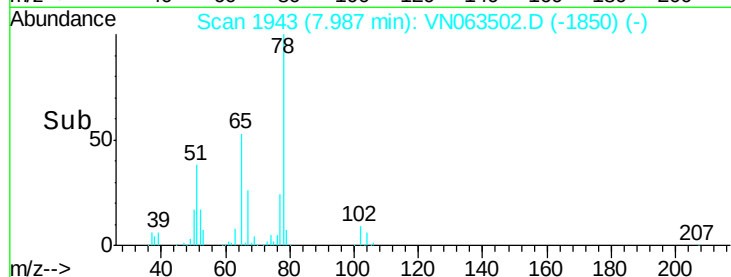
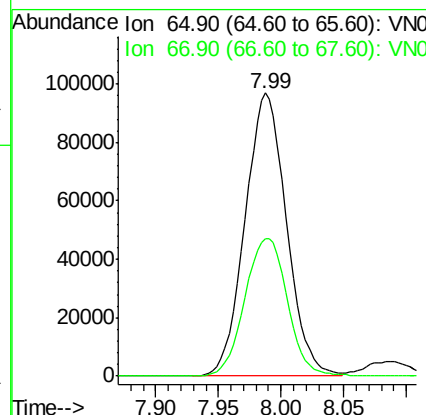
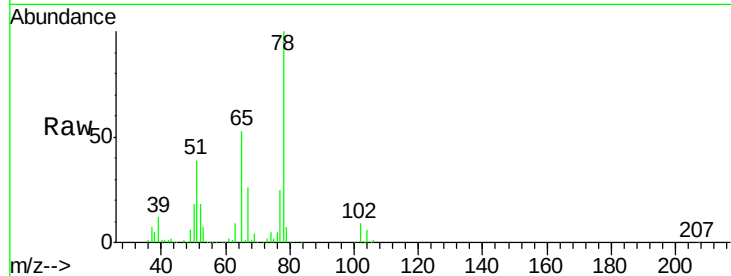
#33
 1,2-Dichloroethane-d4
 Concen: 47.145 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222842		
67	50.0	0.0	104.2	

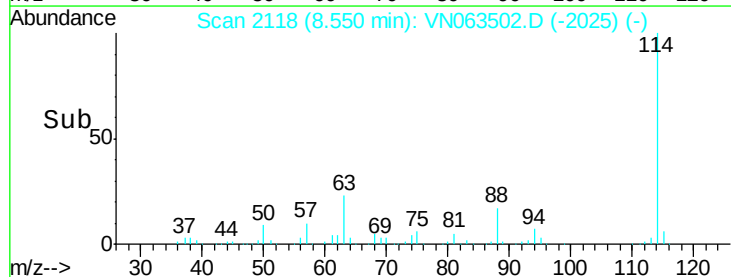
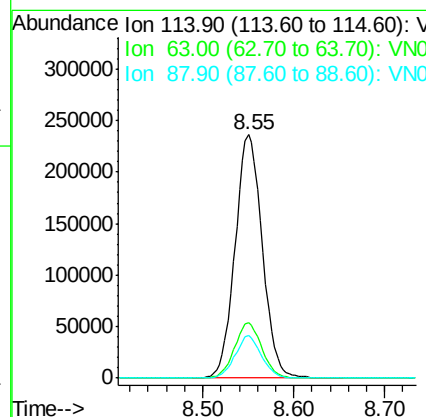
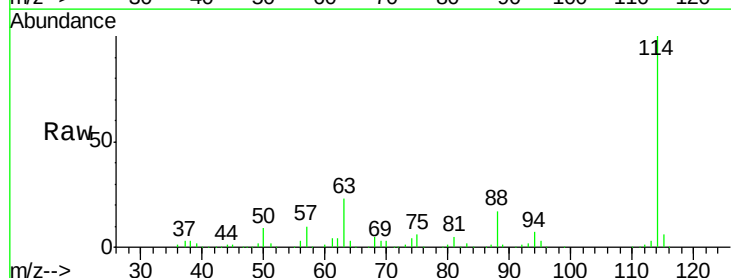
Manual Integrations
 APPROVED

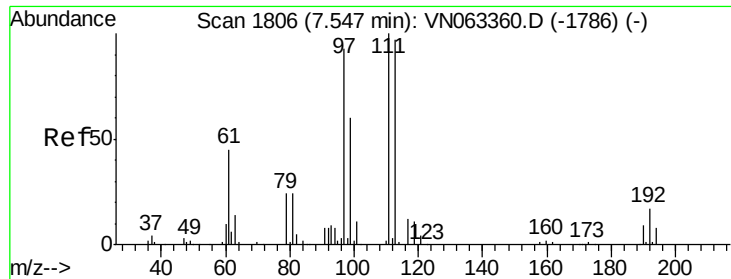
MMDadoda
 9/22/2020 2:08:09 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	492031		
63	22.6	0.0	46.4	
88	17.4	0.0	33.2	





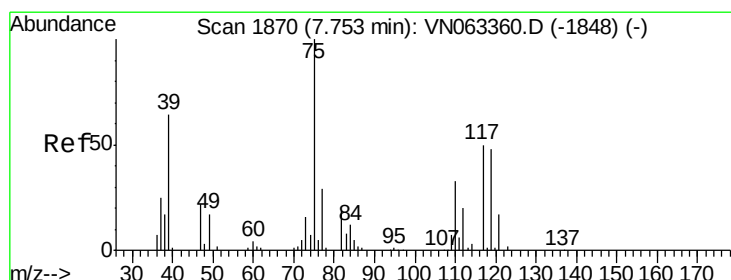
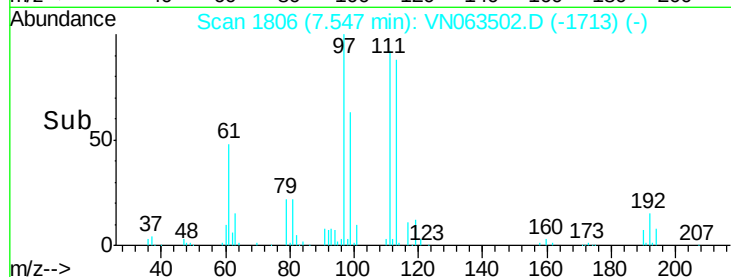
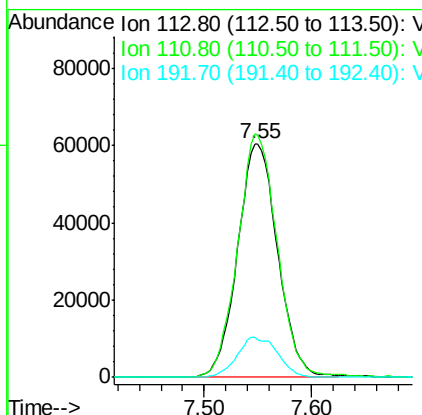
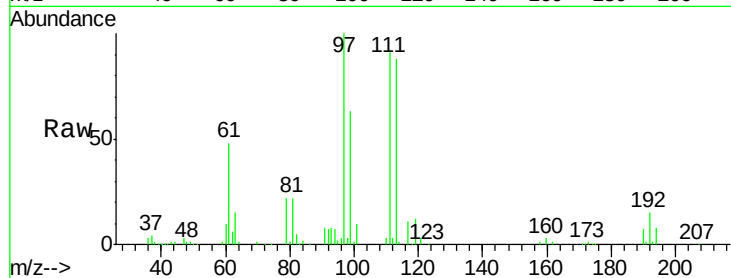
#35
 Dibromofluoromethane
 Concen: 45.804 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	156019		
111	103.2	82.9	124.3	
192	17.5	13.9	20.9	

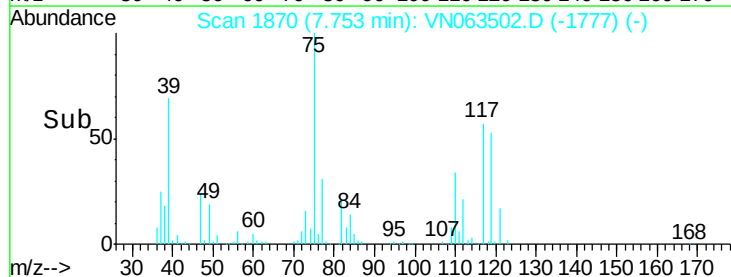
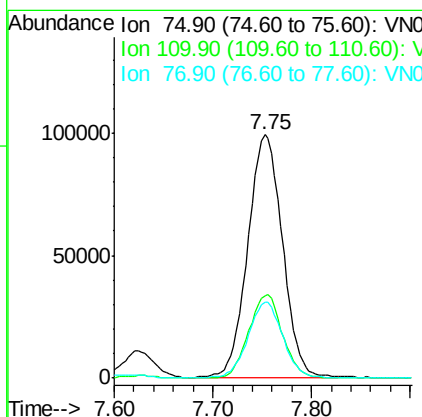
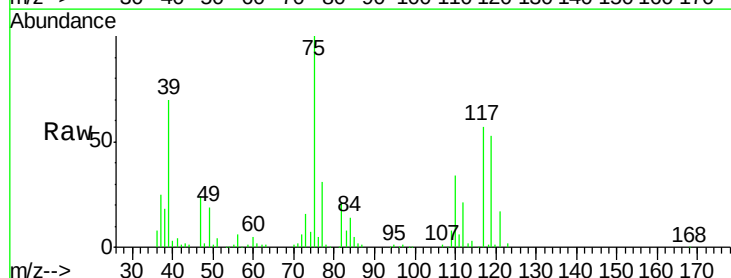
Manual Integrations
 APPROVED

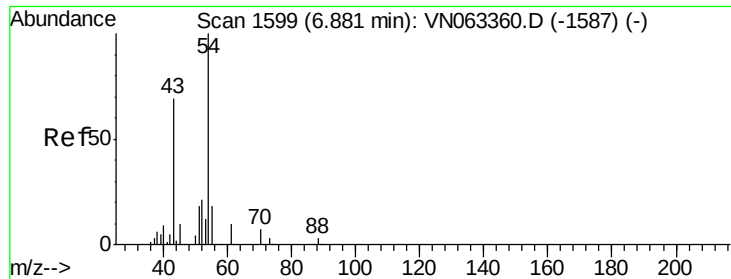
MMDadoda
 9/22/2020 2:08:09 PM



#36
 1,1-Dichloropropene
 Concen: 45.956 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	240895		
110	33.5	16.5	49.5	
77	31.5	24.6	36.8	





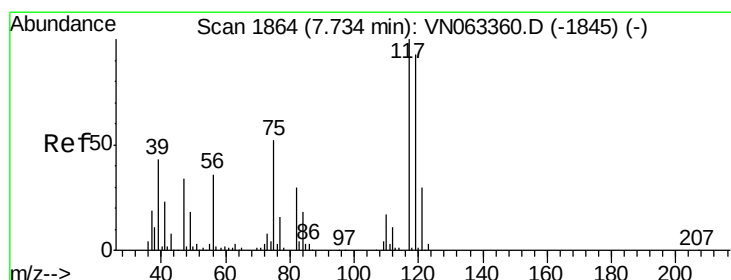
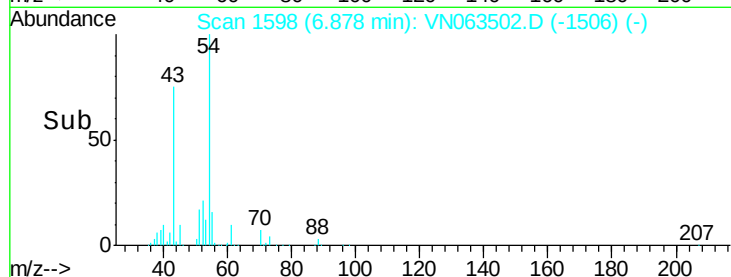
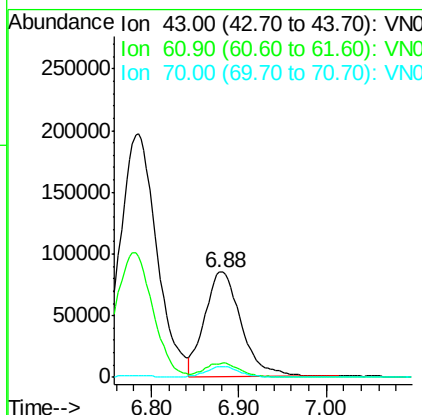
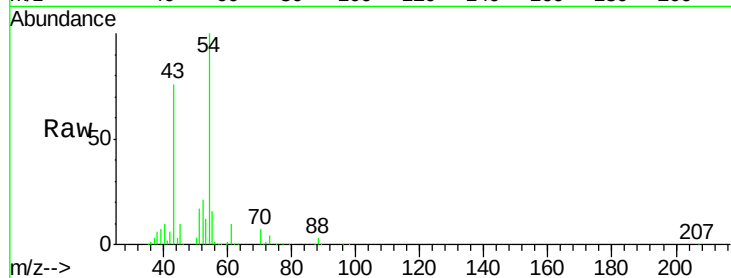
#37
Ethyl Acetate
Concen: 47.876 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.6	15.8
70	9.2	7.2	10.8

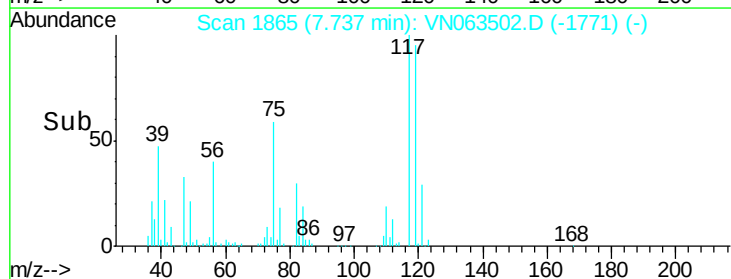
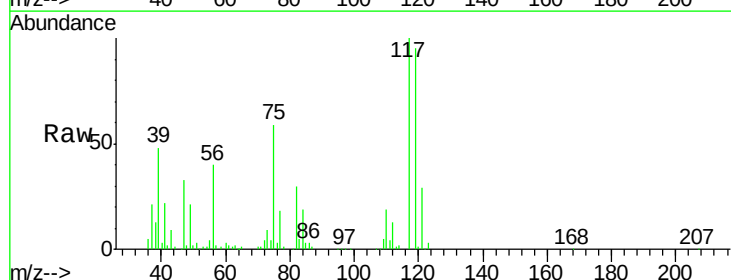
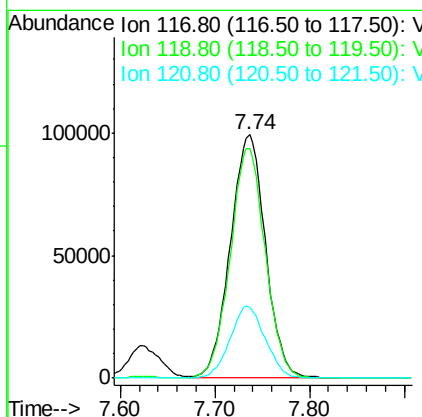
Manual Integrations
APPROVED

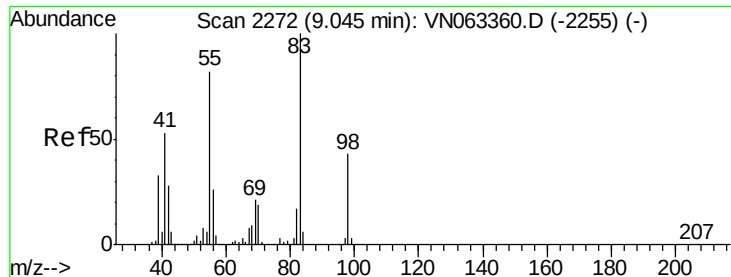
MMDadoda
9/22/2020 2:08:09 PM



#38
Carbon Tetrachloride
Concen: 47.544 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.5	111.7
121	29.2	24.1	36.1





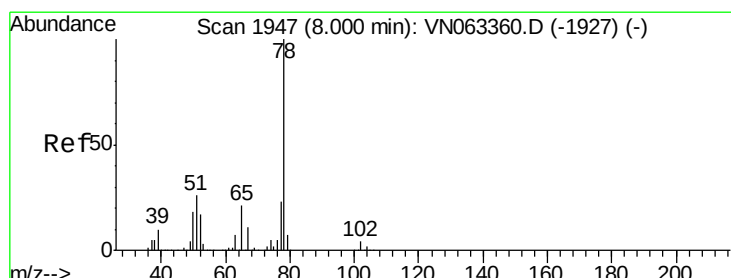
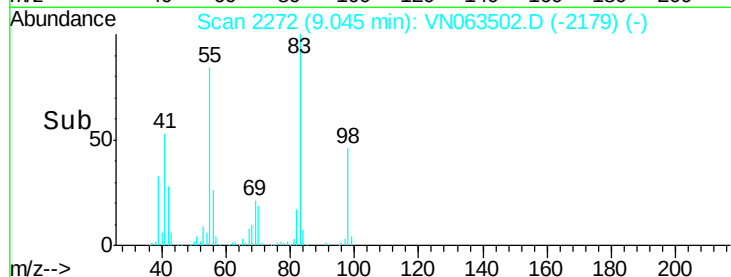
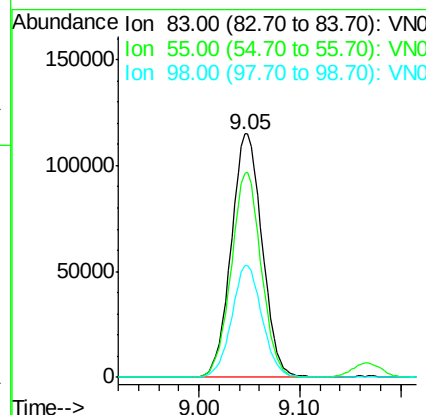
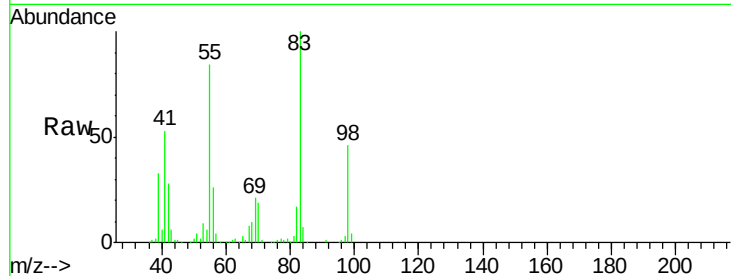
#39
Methylvlcyclohexane
Concen: 43.153 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	245505		
55	84.0		65.5	98.3
98	45.8		34.2	51.4

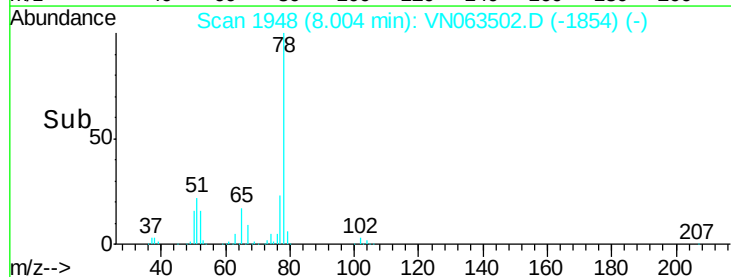
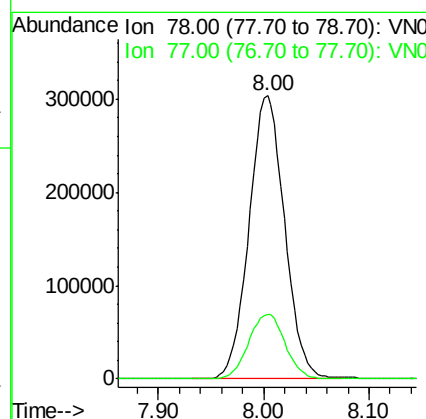
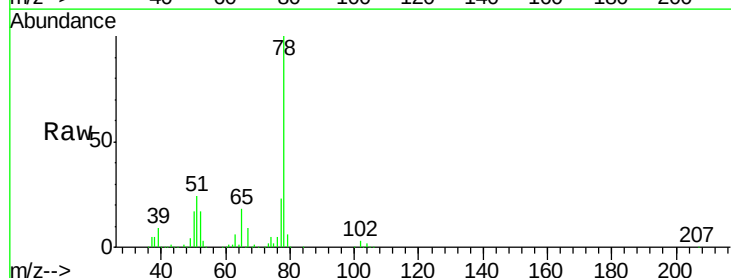
Manual Integrations
APPROVED

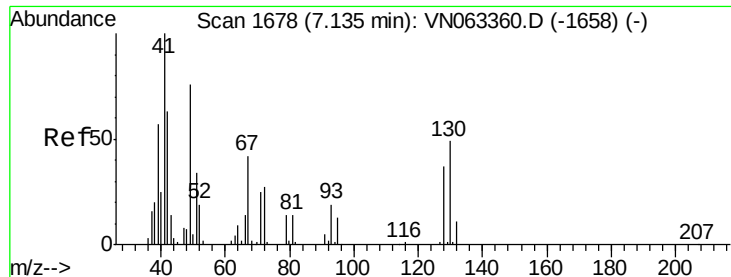
MMDadoda
9/22/2020 2:08:09 PM



#40
Benzene
Concen: 47.603 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	712314		
77	22.9		18.3	27.5





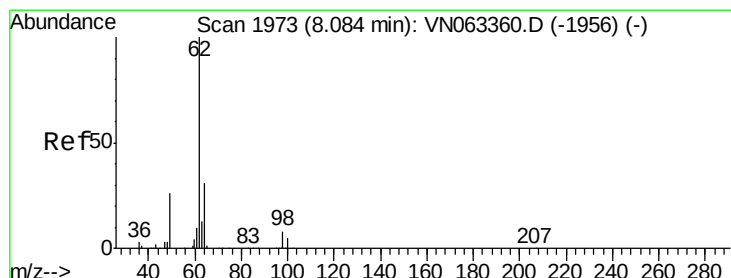
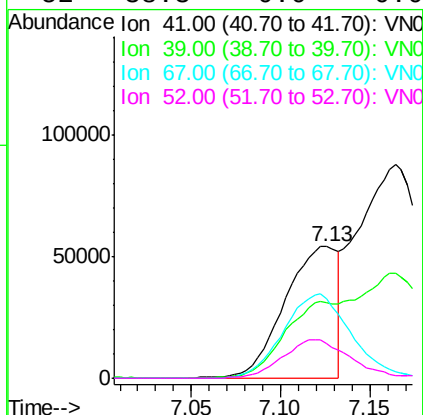
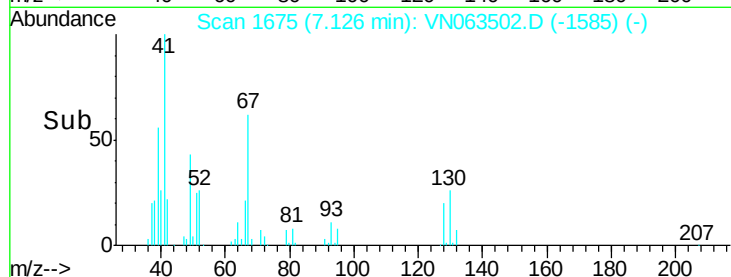
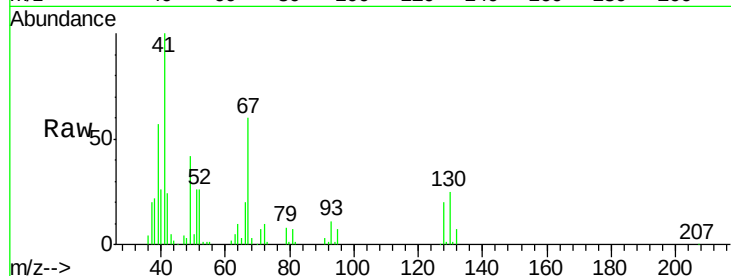
#41
Methacrylonitrile
Concen: 48.277 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	52.8	0.0	0.0#	
67	82.5	0.0	0.0#	
52	38.3	0.0	0.0#	

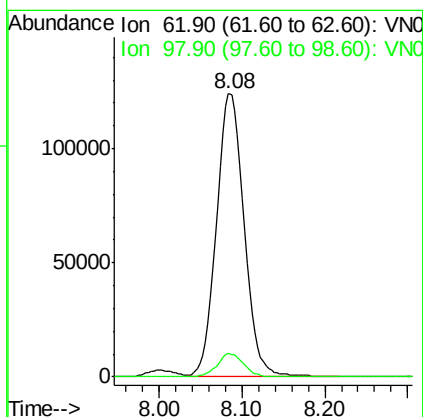
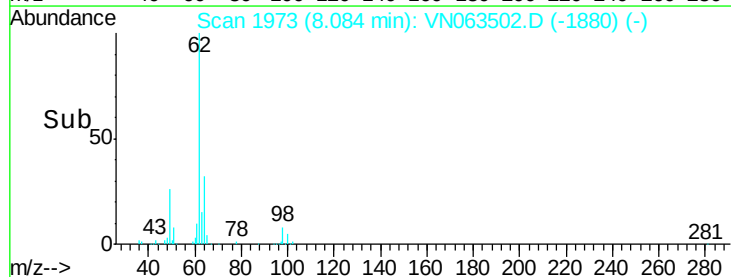
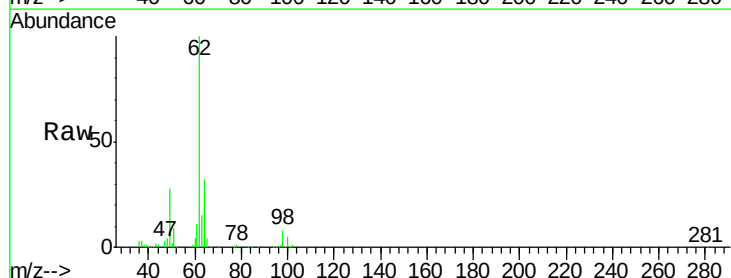
Manual Integrations
APPROVED

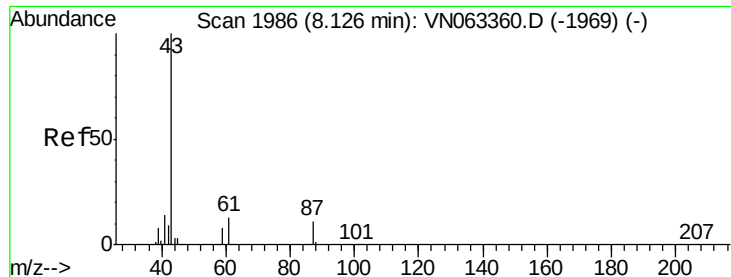
MMDadoda
9/22/2020 2:08:09 PM



#42
1,2-Dichloroethane
Concen: 47.588 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.9	0.0	15.6	





#43

Isopropyl Acetate

Concen: 46.254 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

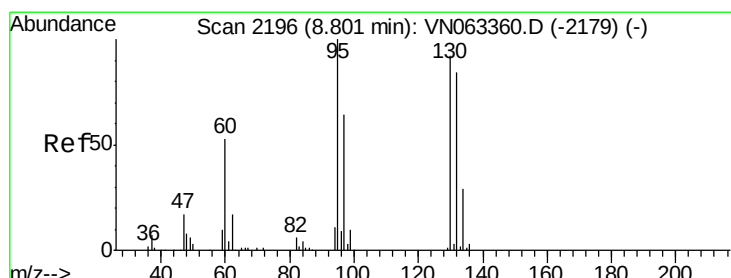
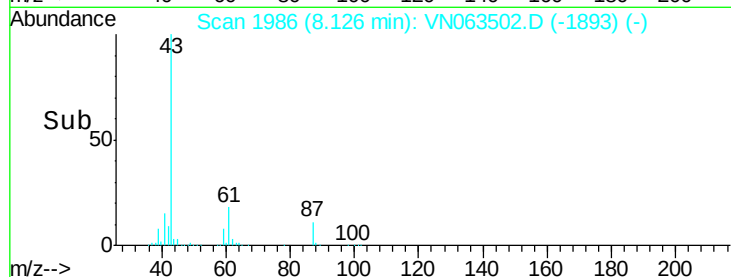
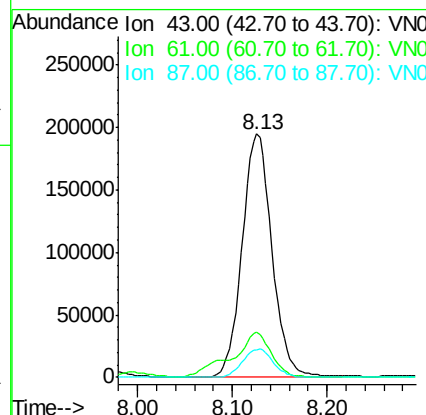
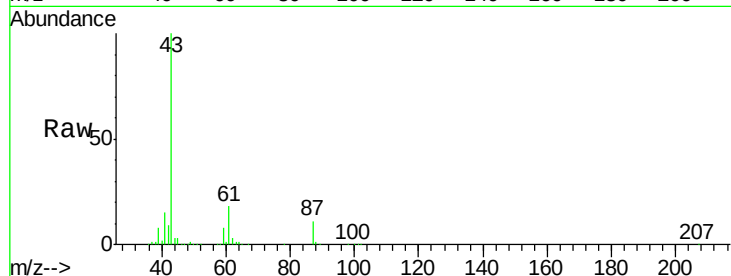
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	425497
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.2	21.2
87	12.0	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM



#44

Trichloroethene

Concen: 48.835 ug/l

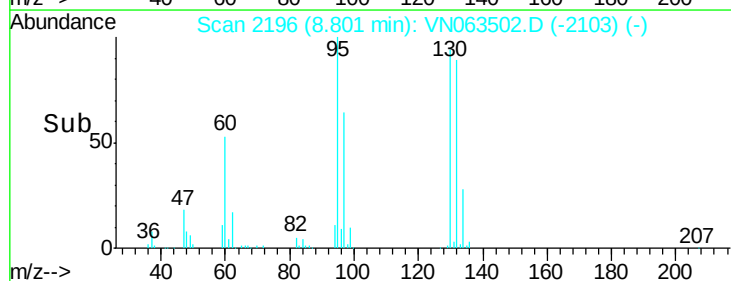
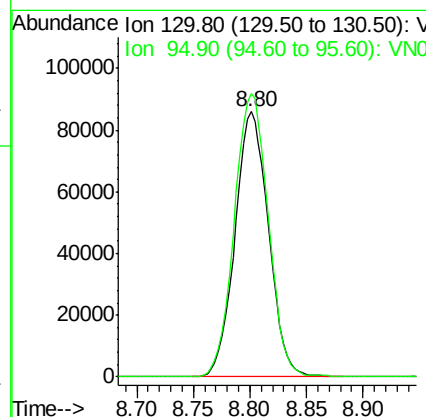
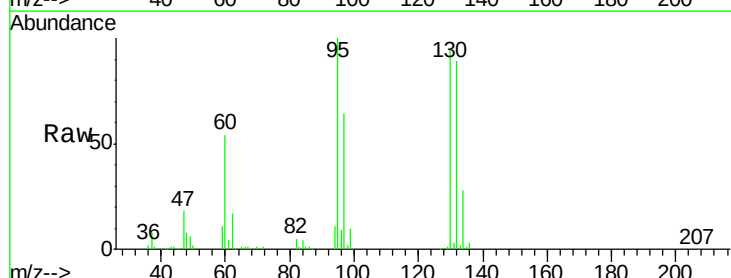
RT: 8.80 min Scan# 2196

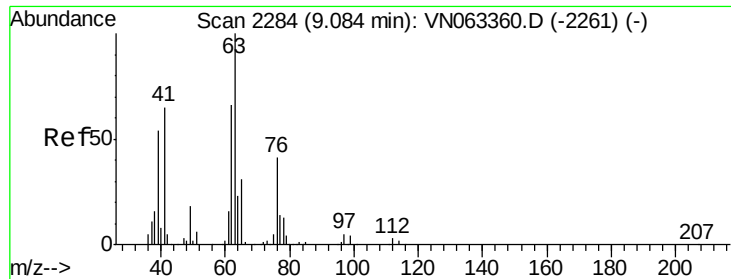
Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion:	130	Resp:	177240
Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	217.4





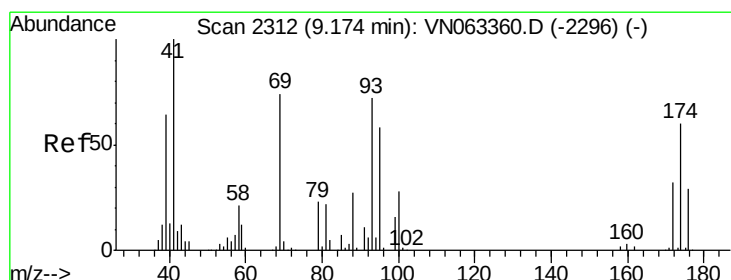
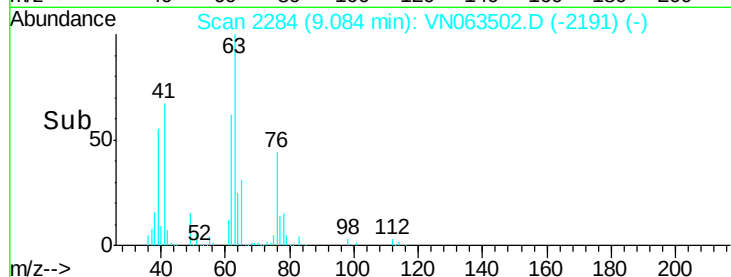
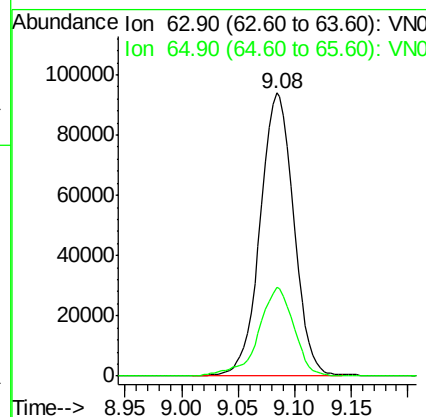
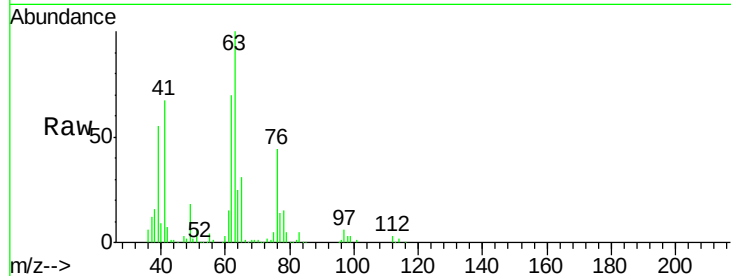
#45
 1,2-Dichloropropane
 Concen: 47.640 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.0	37.6

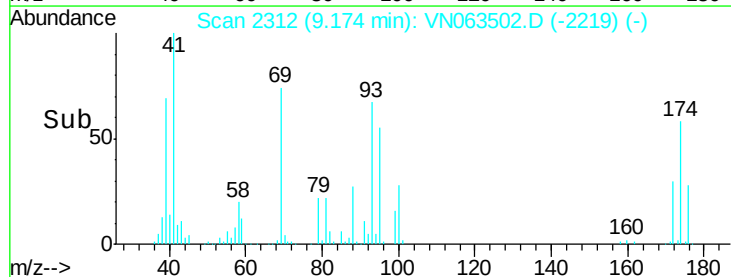
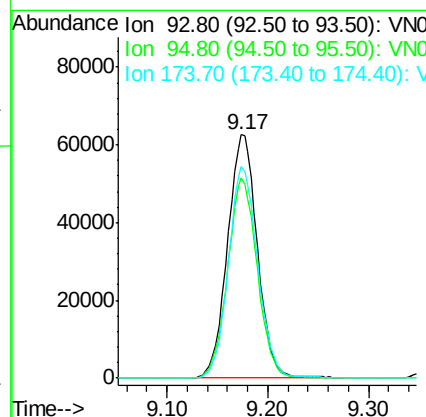
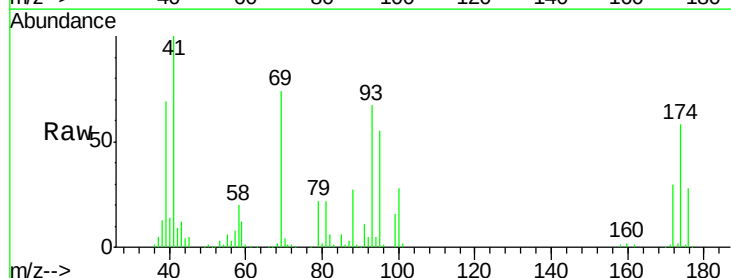
Manual Integrations
 APPROVED

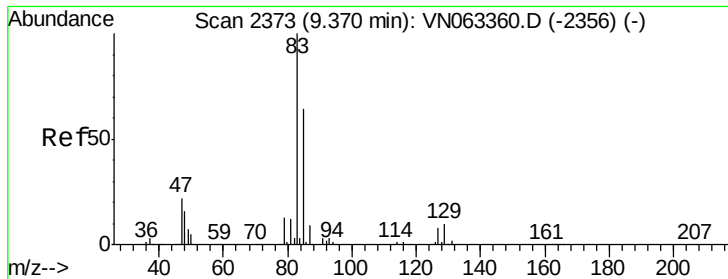
MMDadoda
 9/22/2020 2:08:09 PM



#46
 Dibromomethane
 Concen: 48.186 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.6	98.4
174	85.4	68.1	102.1





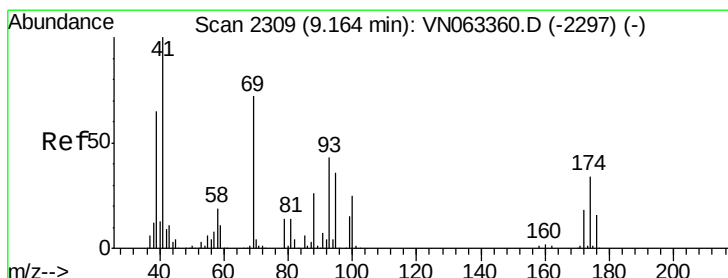
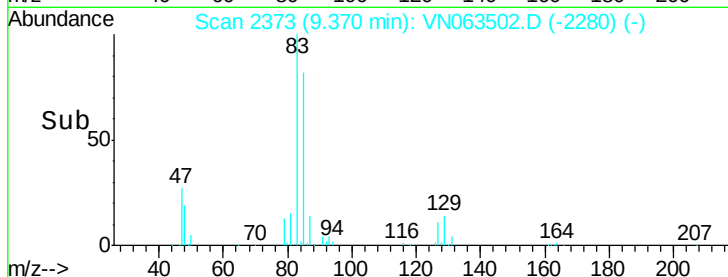
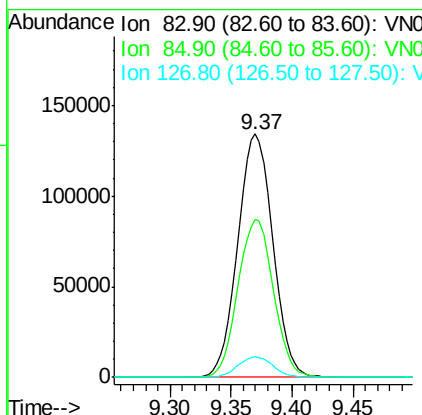
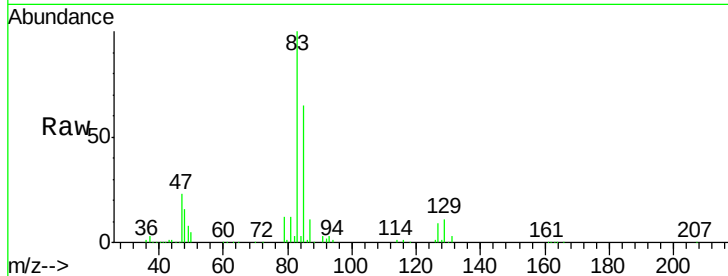
#47
Bromodichloromethane
Concen: 48.037 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	267315		
85	64.9	51.0	76.6	
127	8.5	6.3	9.5	

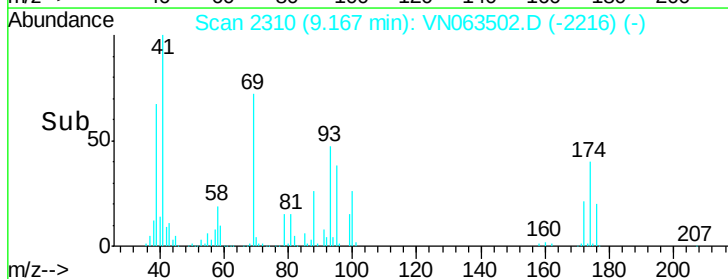
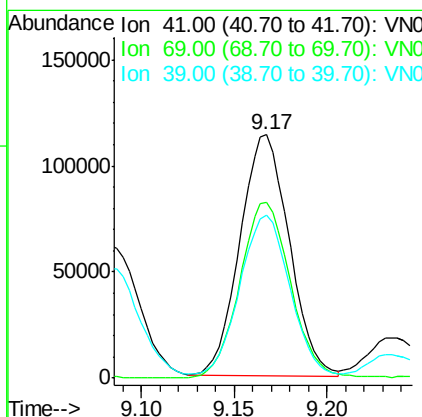
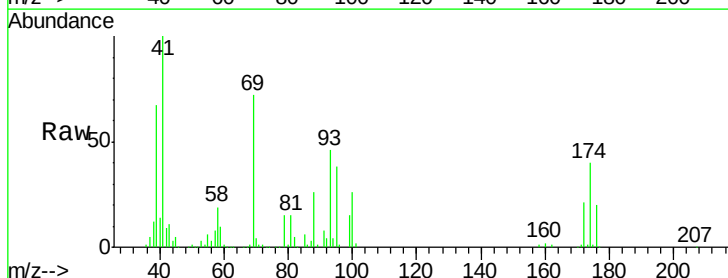
Manual Integrations
APPROVED

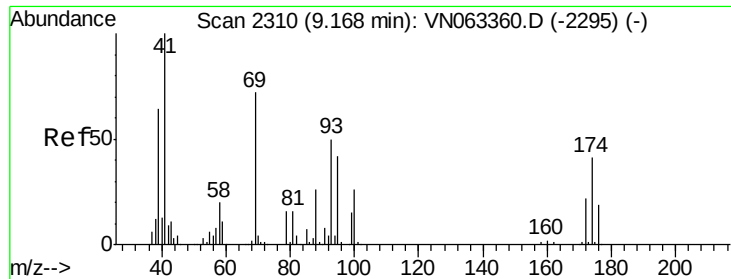
MMDadoda
9/22/2020 2:08:09 PM



#48
Methyl methacrylate
Concen: 46.211 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	208859		
69	75.9	59.3	88.9	
39	69.8	52.9	79.3	





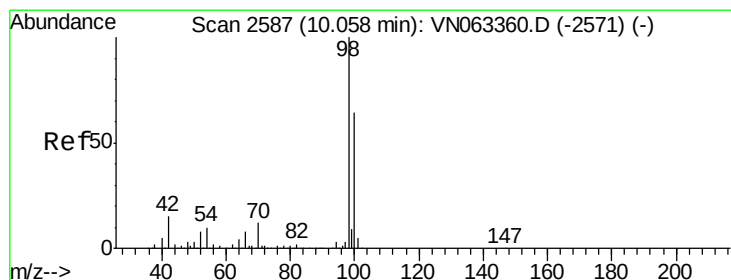
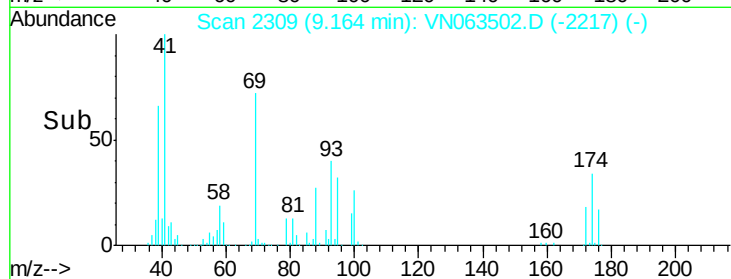
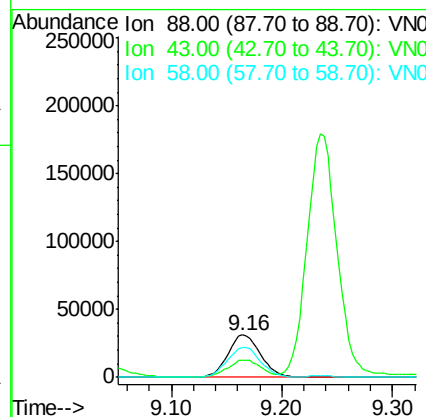
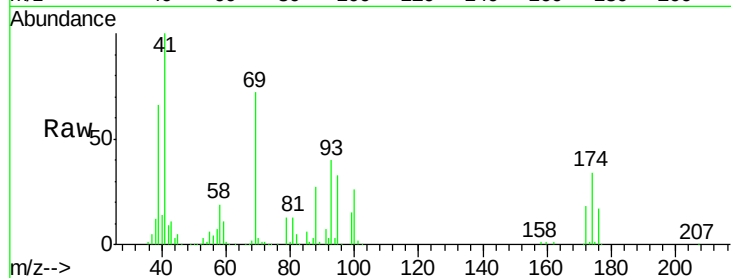
#49
1,4-Dioxane
Concen: 992.666 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.0	32.6	49.0
58	72.4	60.0	90.0

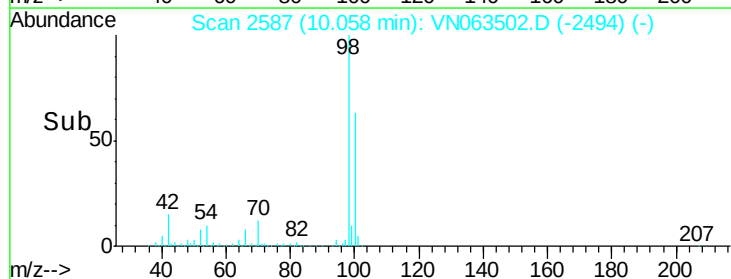
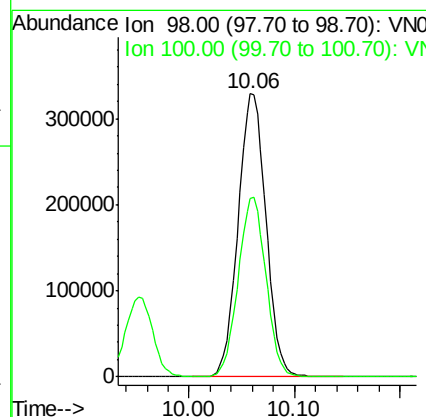
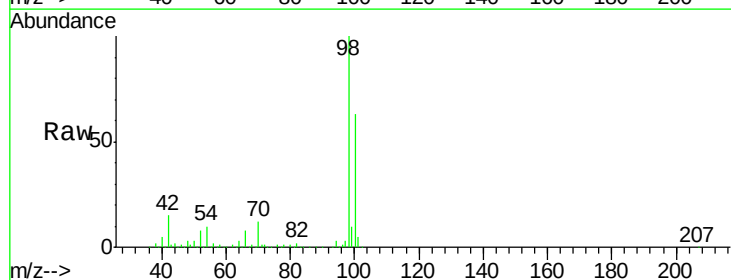
Manual Integrations
APPROVED

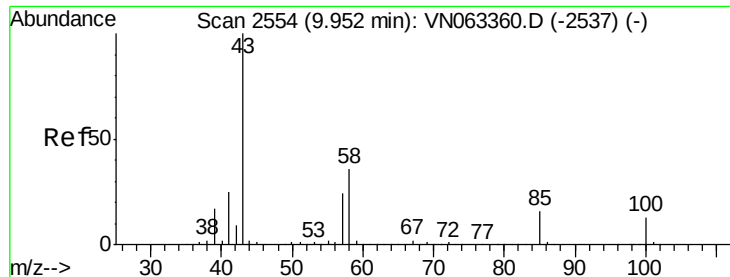
MMDadoda
9/22/2020 2:08:09 PM



#50
Toluene-d8
Concen: 46.975 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 244.263 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1257966

Ion Ratio Lower Upper

43 100

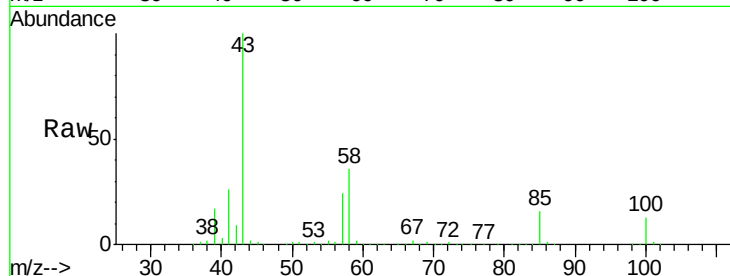
58 36.8 29.0 43.6

Manual Integrations

APPROVED

MMDadoda

9/22/2020 2:08:09 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

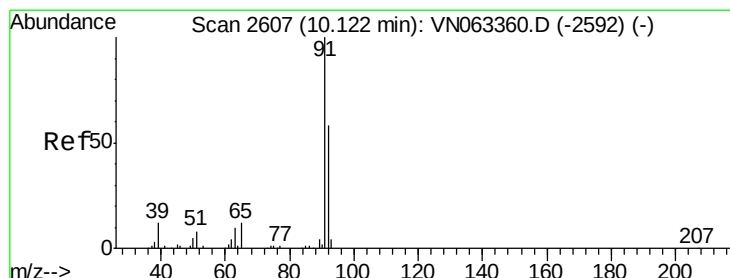
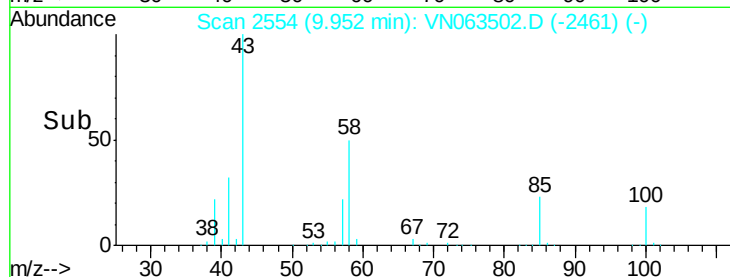
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.306 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063502.D

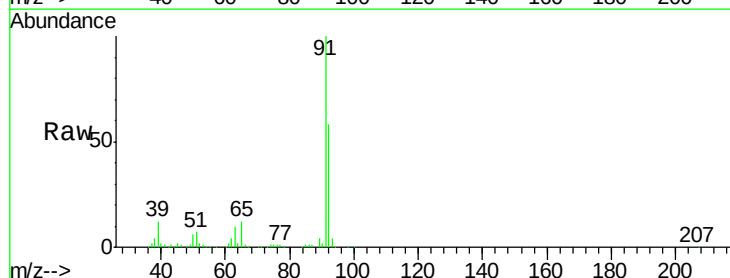
Acq: 21 Sep 2020 22:05

Tgt Ion: 92 Resp: 443586

Ion Ratio Lower Upper

92 100

91 175.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

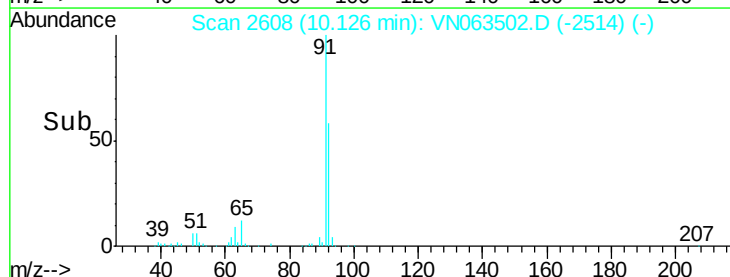
300000

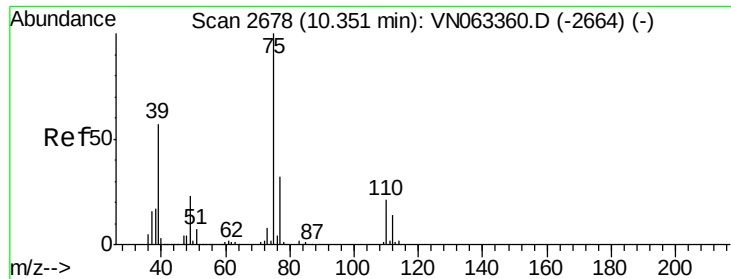
200000

100000

0

Time-->





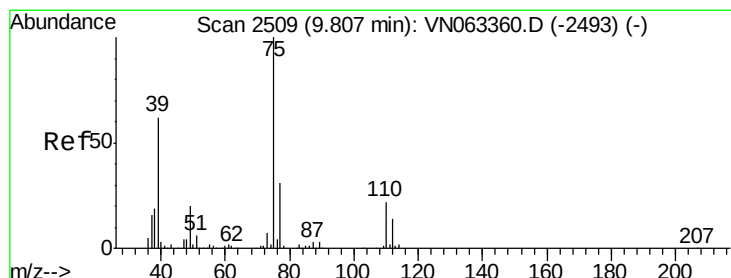
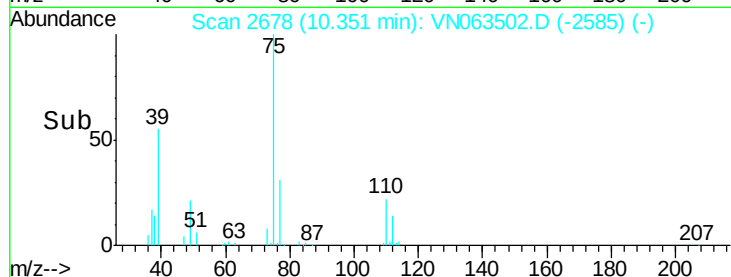
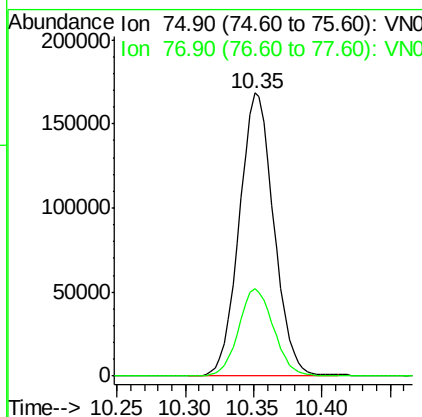
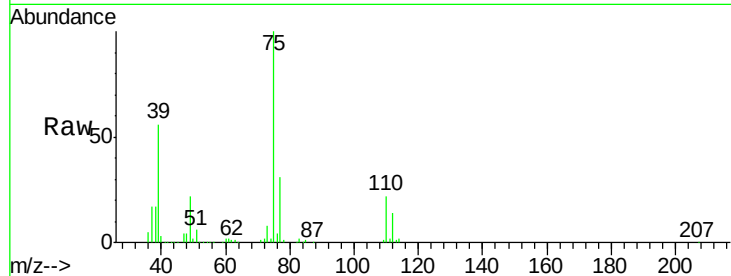
#53
t-1,3-Dichloropropene
Concen: 47.629 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.2

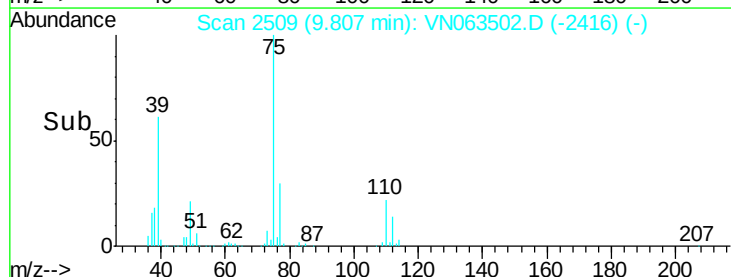
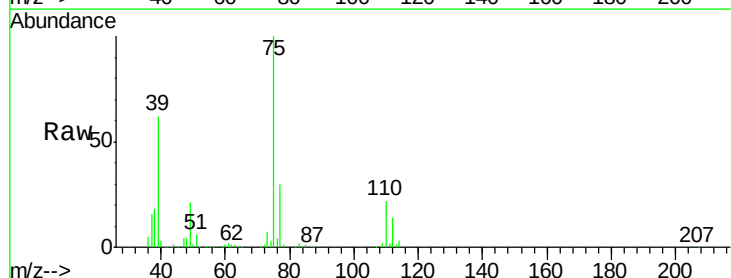
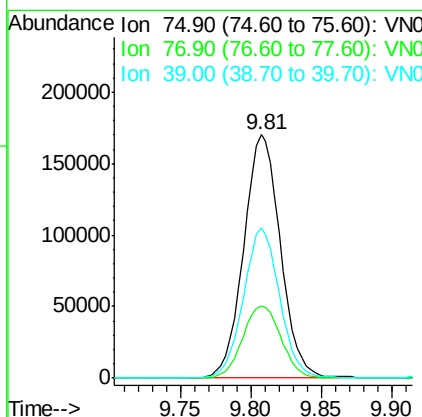
Manual Integrations
APPROVED

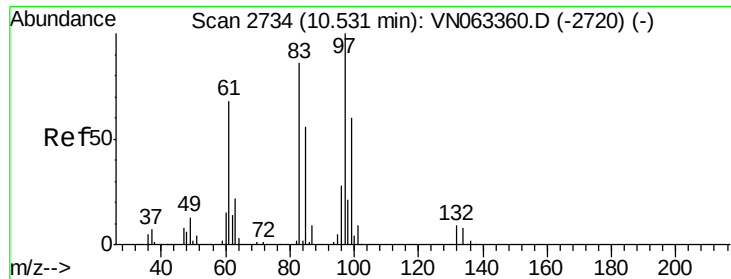
MMDadoda
9/22/2020 2:08:09 PM



#54
cis-1,3-Dichloropropene
Concen: 47.354 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.6	37.0
39	61.6	49.8	74.8





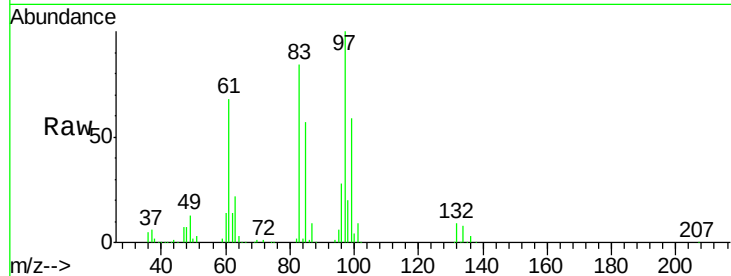
#55
 1,1,2-Trichloroethane
 Concen: 50.169 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	179279
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.9	103.3
85	57.4	44.8	67.2
99	58.9	47.8	71.8

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:08:09 PM

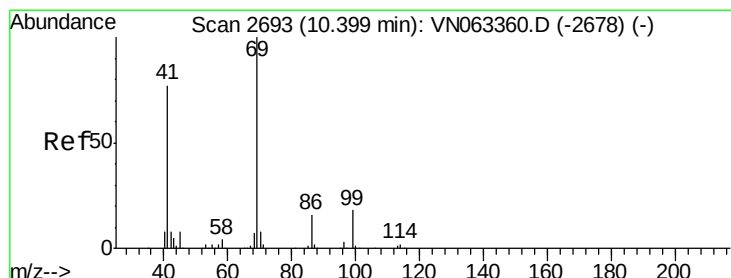
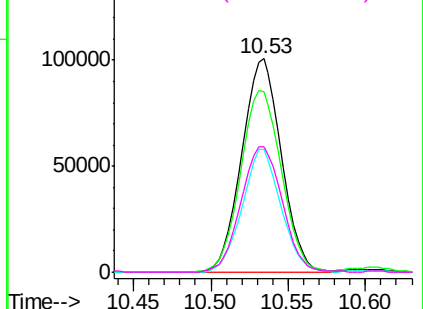
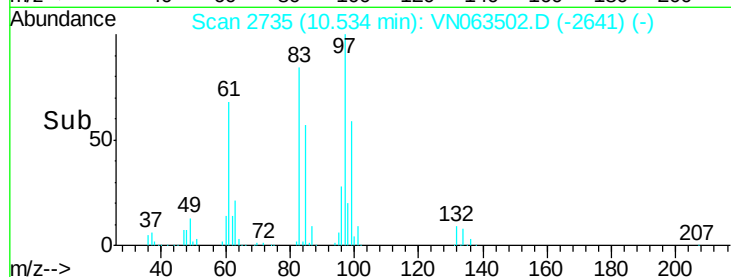


Abundance Ion 96.90 (96.60 to 97.60): VN063502.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063502.D (-2641) (-)

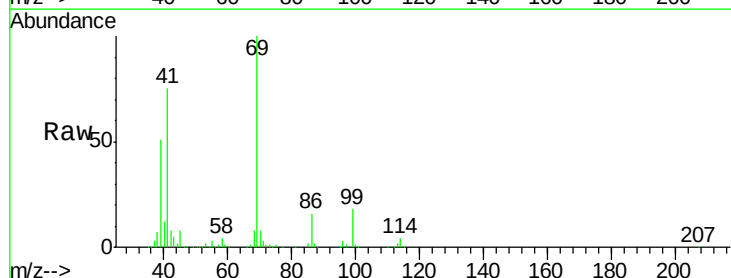
Ion 84.90 (84.60 to 85.60): VN063502.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063502.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 49.354 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

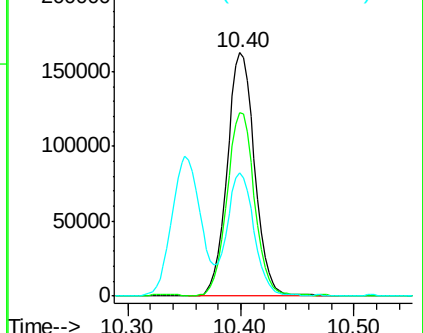
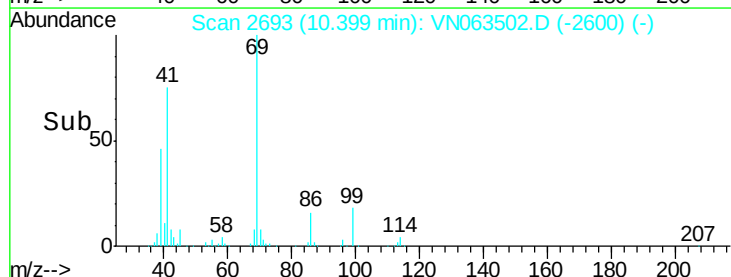
Tgt Ion:	69	Resp:	275329
Ion	Ratio	Lower	Upper
69	100		
41	74.6	61.0	91.6
39	49.3	39.2	58.8

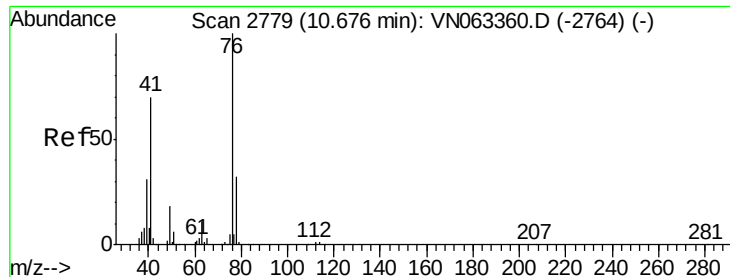


Abundance Ion 69.00 (68.70 to 69.70): VN063502.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063502.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063502.D (-2600) (-)





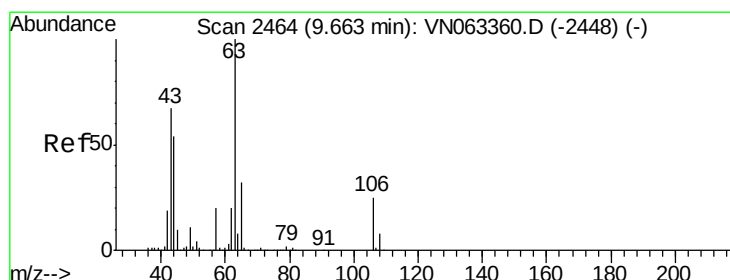
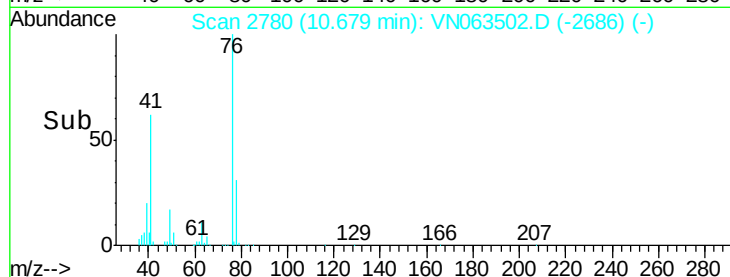
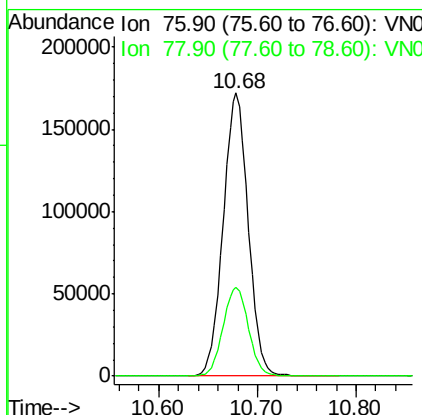
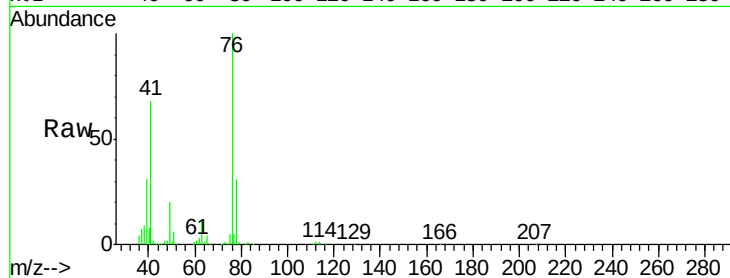
#57
 1,3-Dichloropropane
 Concen: 47.531 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

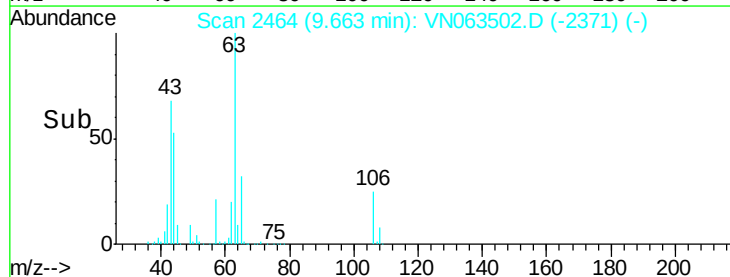
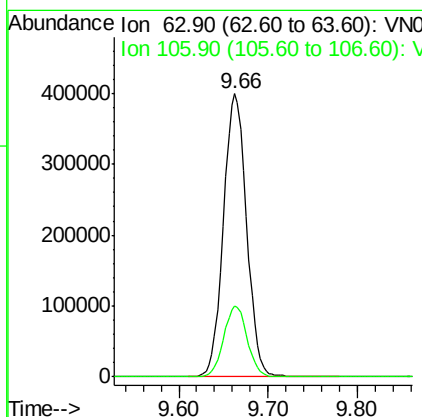
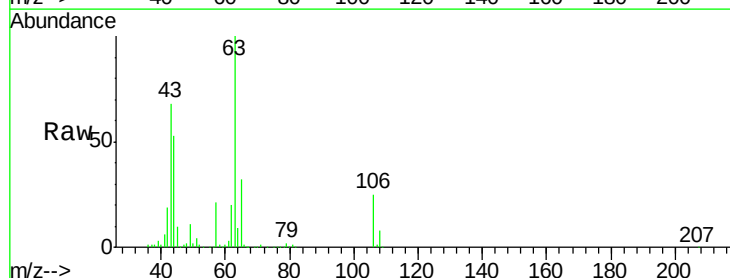
Manual Integrations
 APPROVED

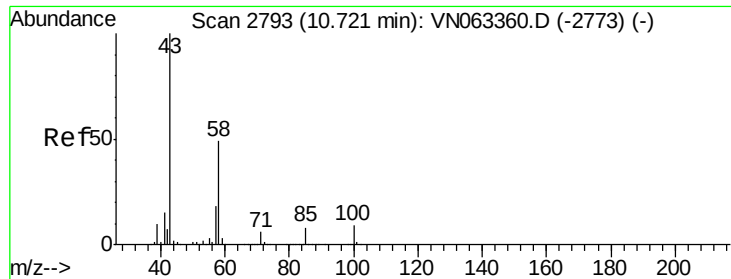
MMDadoda
 9/22/2020 2:08:09 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.846 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.2	19.5	29.3





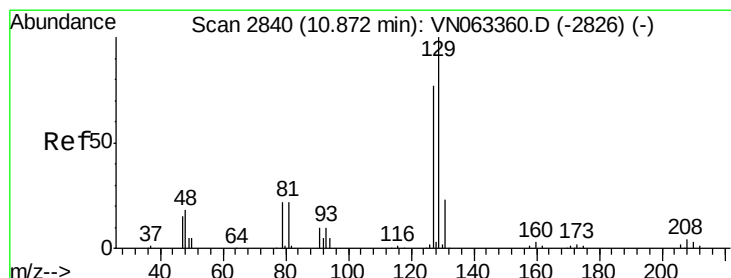
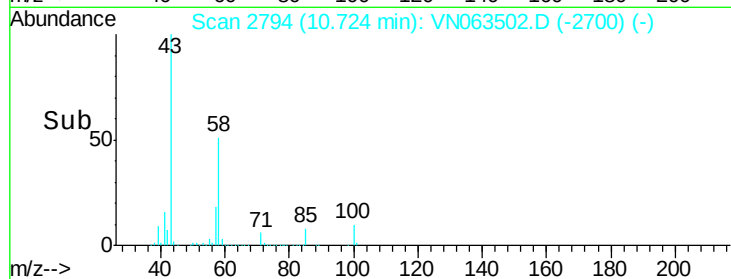
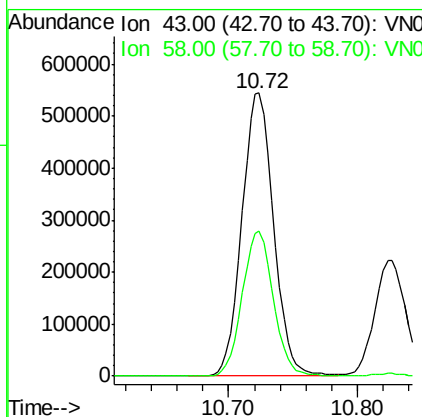
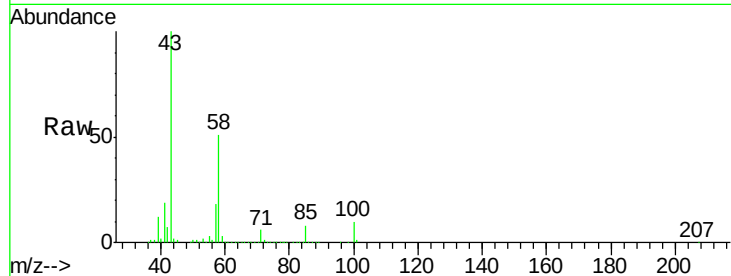
#59
2-Hexanone
Concen: 249.167 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 929661
Ion Ratio Lower Upper
43 100
58 50.4 24.7 74.1

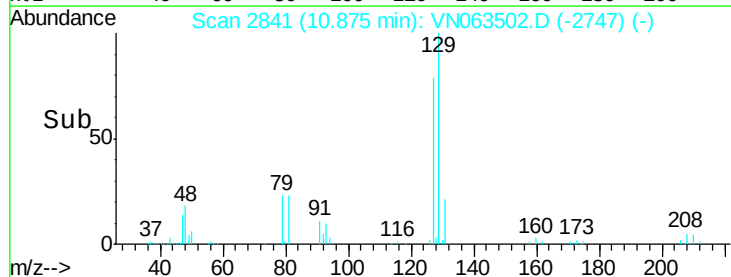
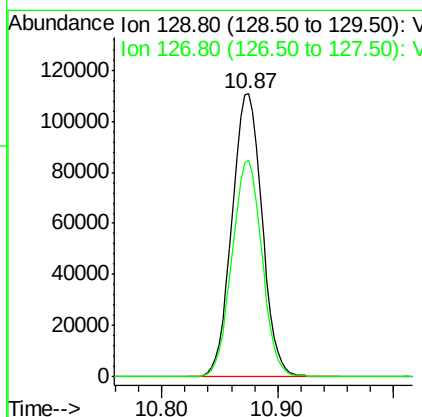
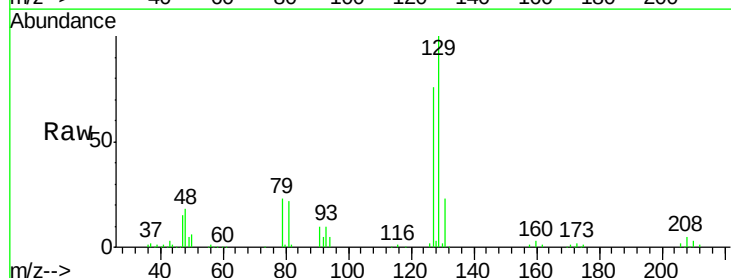
Manual Integrations
APPROVED

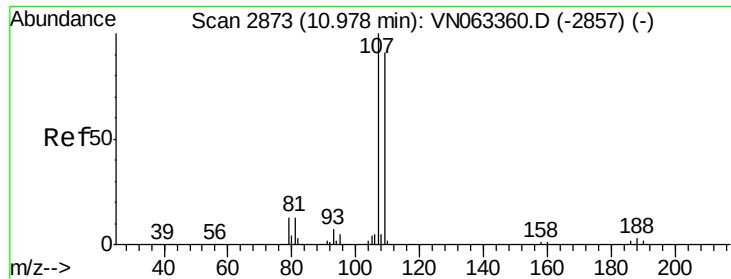
MMDadoda
9/22/2020 2:08:09 PM



#60
Dibromochloromethane
Concen: 49.395 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 129 Resp: 199413
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.3





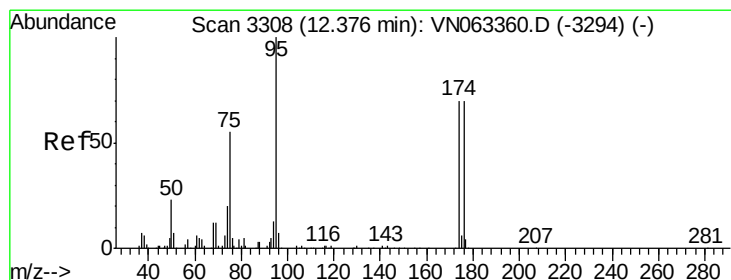
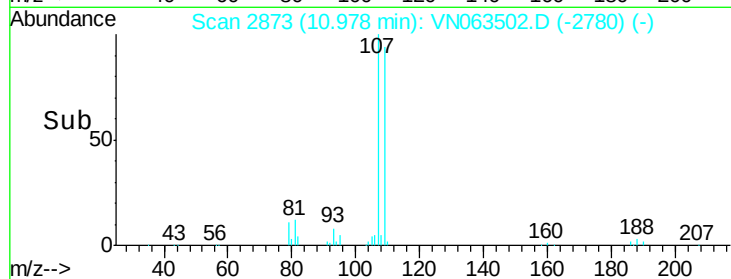
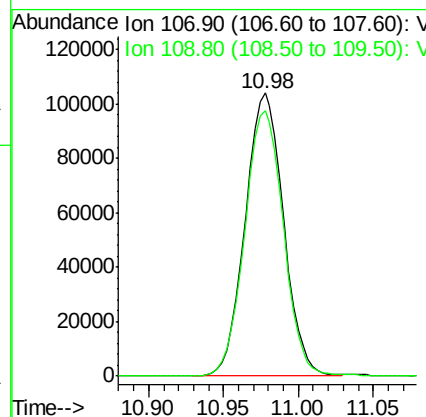
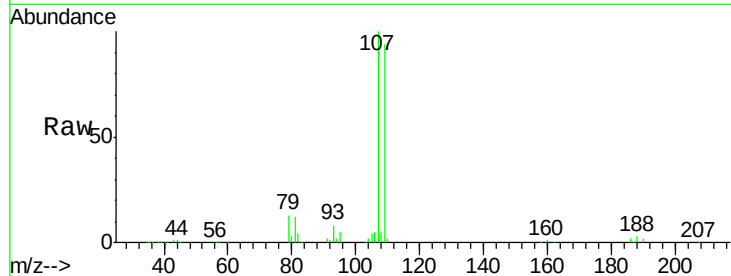
#61
 1,2-Dibromoethane
 Concen: 49.983 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.6	111.8

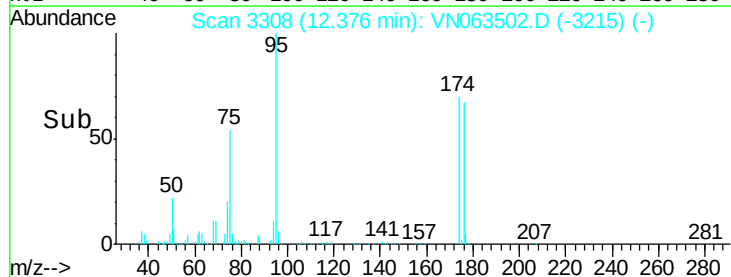
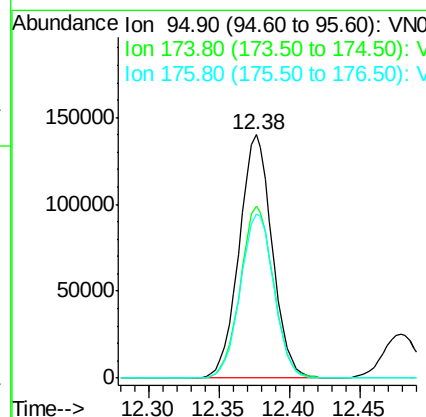
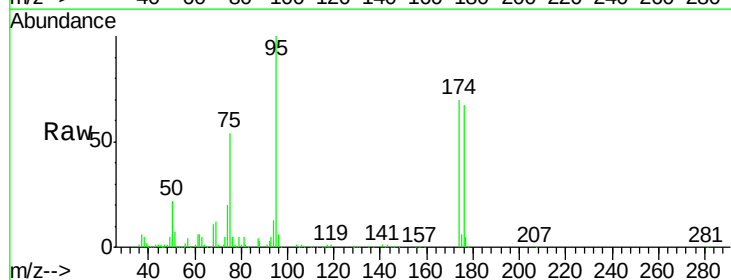
Manual Integrations
 APPROVED

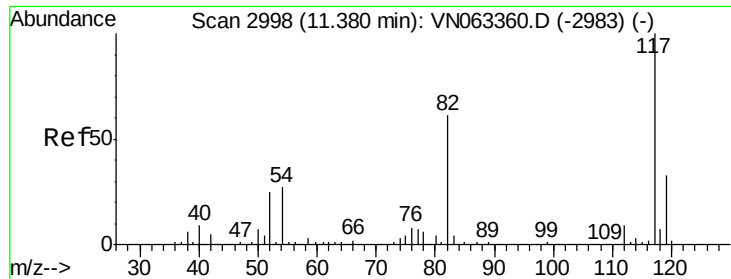
MMDadoda
 9/22/2020 2:08:09 PM



#62
 4-Bromofluorobenzene
 Concen: 48.935 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	140.8
176	68.7	0.0	137.6





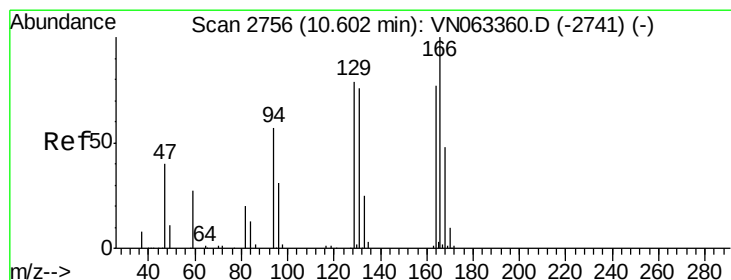
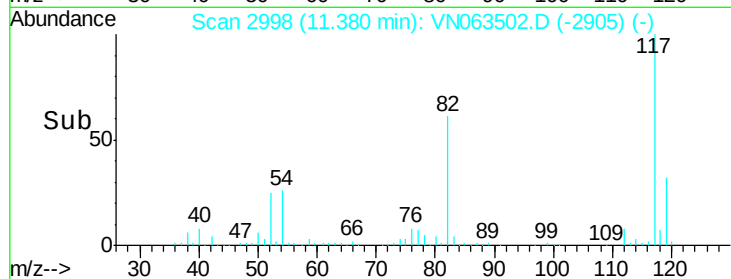
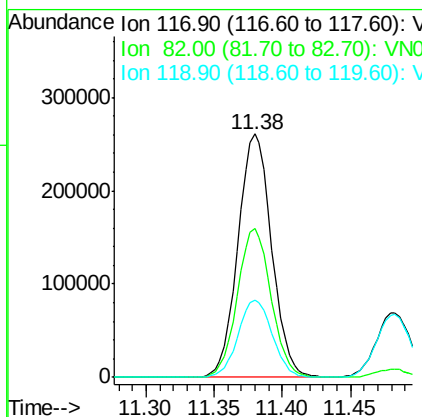
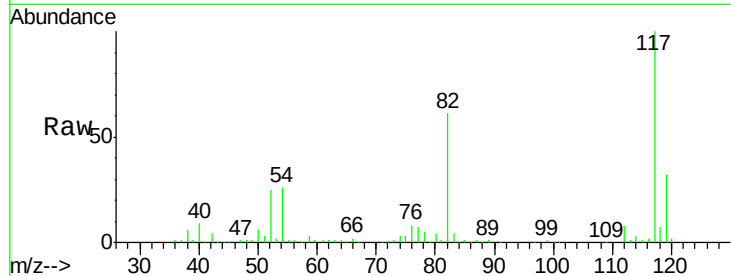
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.2	73.8
119	31.8	26.2	39.4

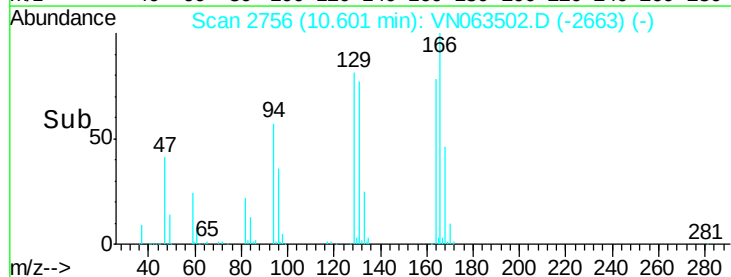
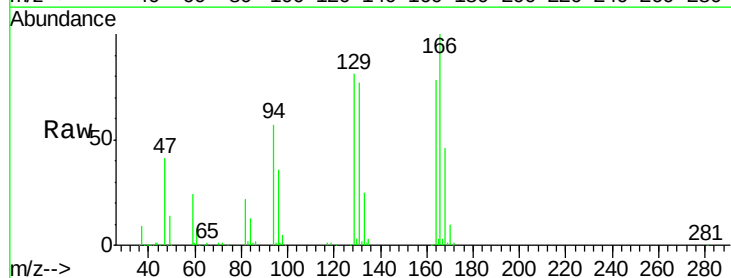
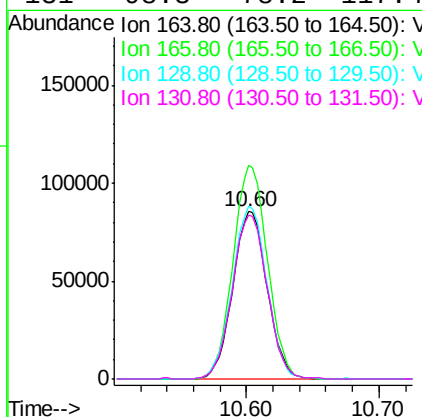
Manual Integrations
APPROVED

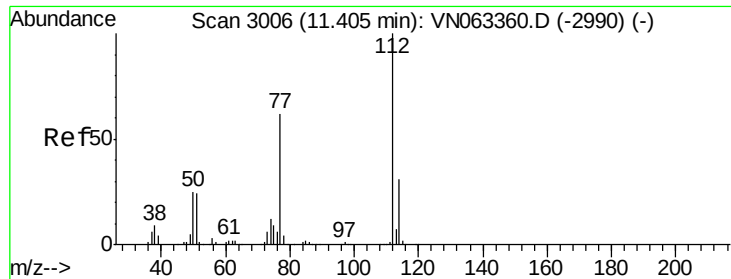
MMDadoda
9/22/2020 2:08:09 PM



#64
Tetrachloroethene
Concen: 50.467 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	103.4	155.0
129	103.1	81.8	122.6
131	98.3	78.2	117.4





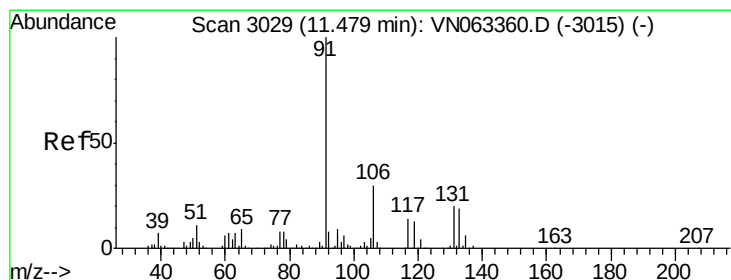
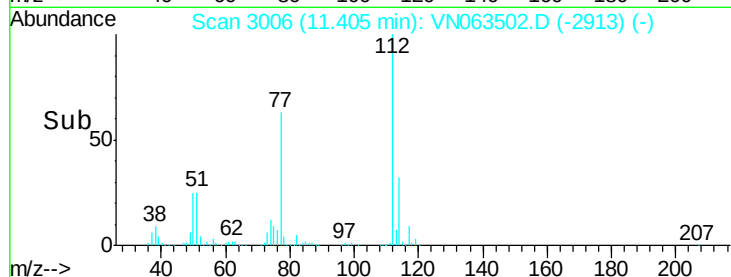
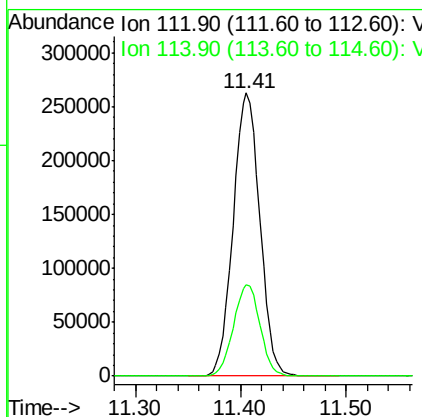
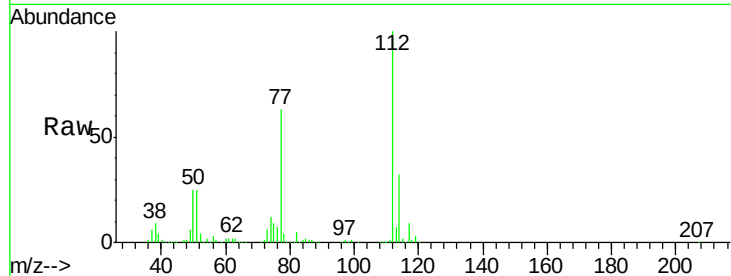
#65
Chlorobenzene
Concen: 48.557 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.0	37.6

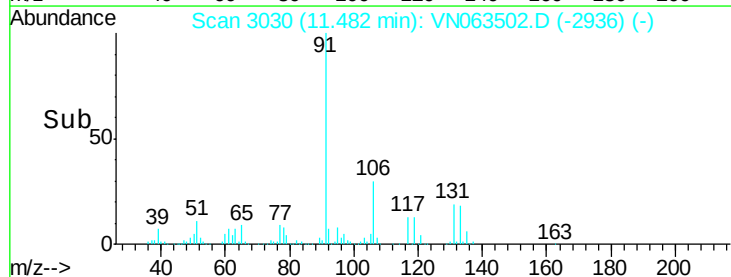
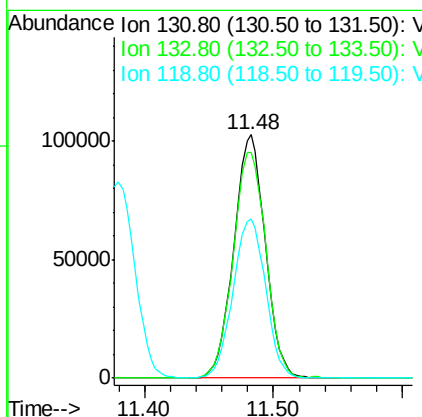
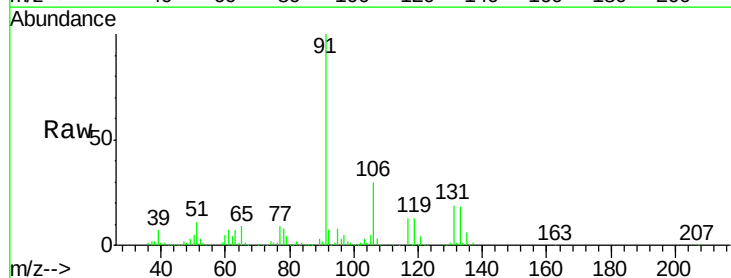
Manual Integrations
APPROVED

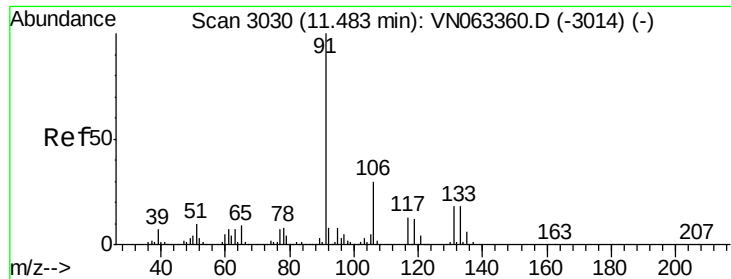
MMDadoda
9/22/2020 2:08:09 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.048 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.3	141.9
119	67.4	33.6	100.8





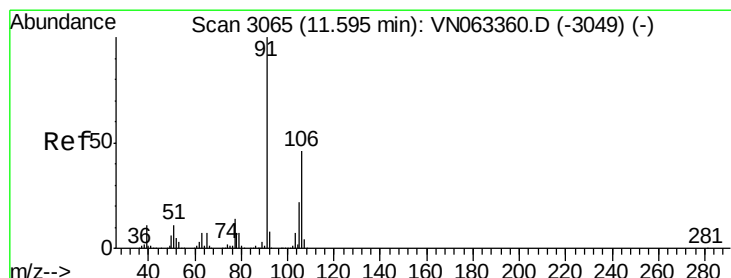
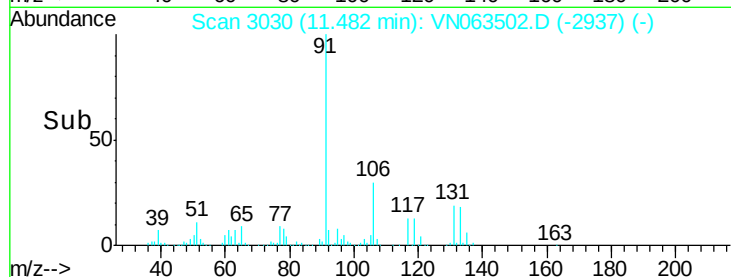
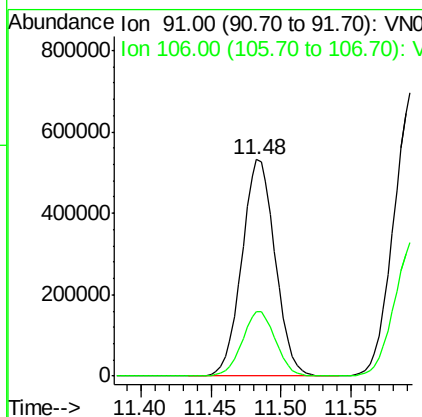
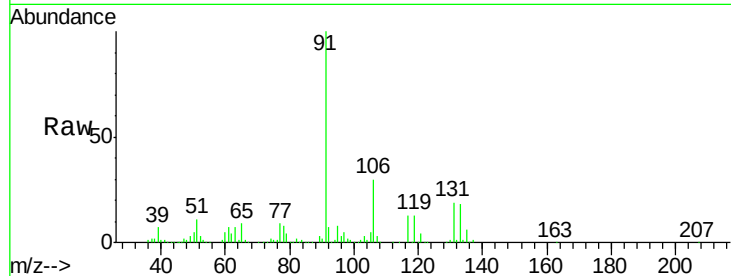
#67
Ethyl Benzene
Concen: 49.413 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 882823
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6

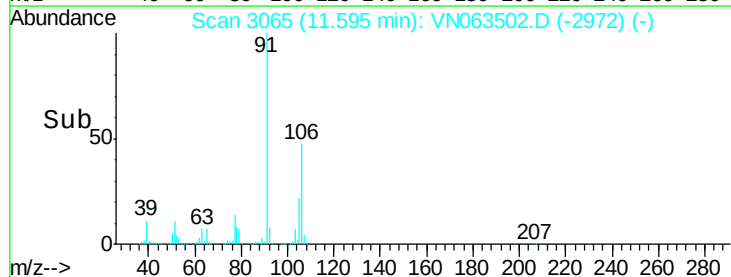
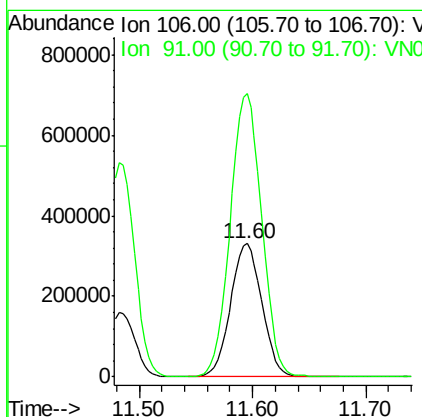
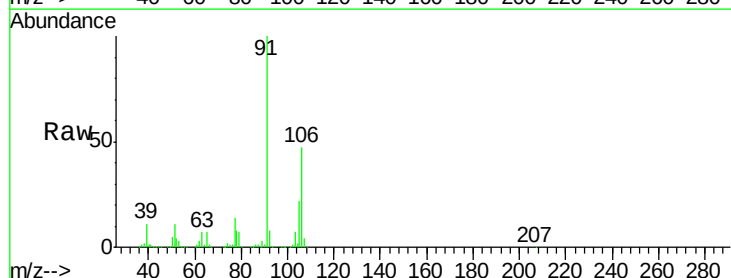
Manual Integrations
APPROVED

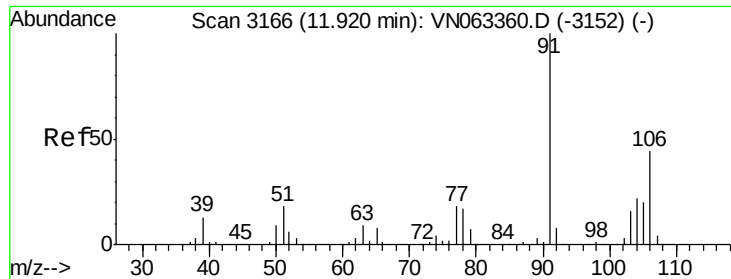
MMDadoda
9/22/2020 2:08:09 PM



#68
m/p-Xylenes
Concen: 98.369 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 106 Resp: 633668
Ion Ratio Lower Upper
106 100
91 214.7 171.2 256.8





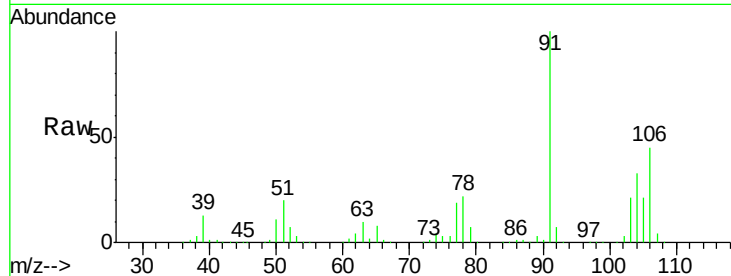
#69
o-Xylene
Concen: 50.889 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

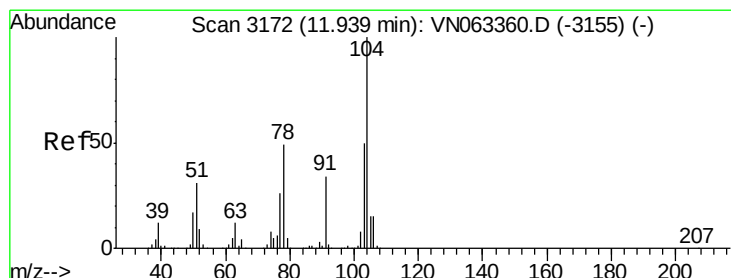
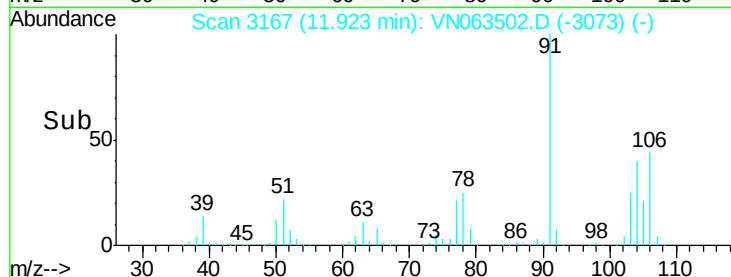
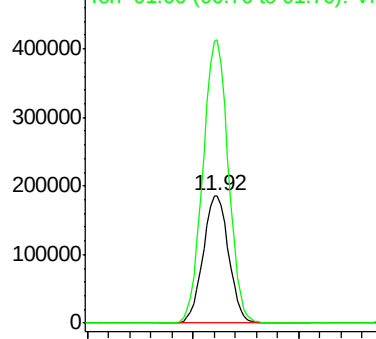
Tot Ion:106 Resp: 312276
Ion Ratio Lower Upper
106 100
91 221.3 113.6 340.8

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM

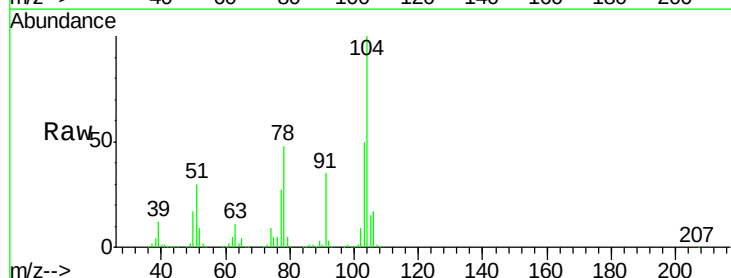


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

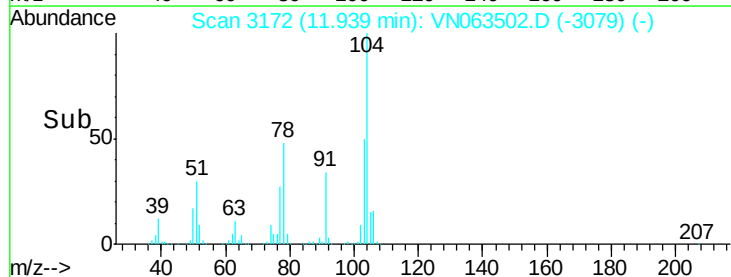
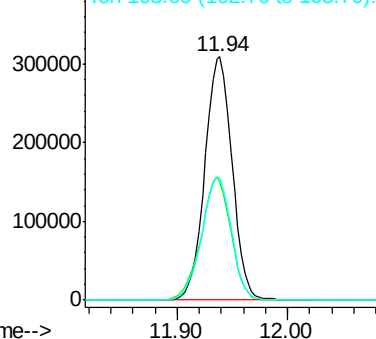


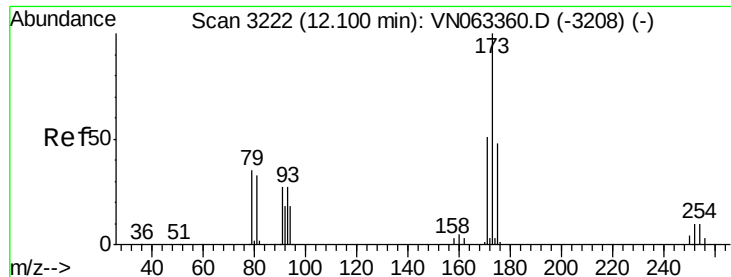
#70
Styrene
Concen: 51.718 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion:104 Resp: 532215
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 54.9 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.976 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

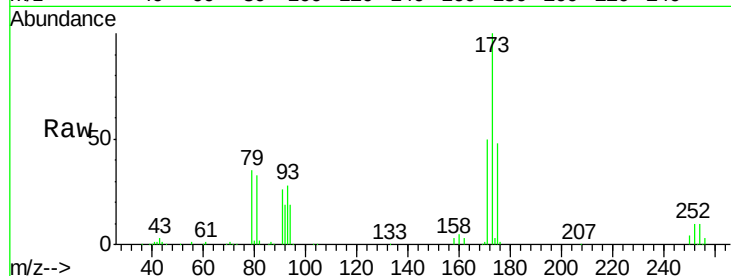
ClientSampleId :

VSTDCCC050

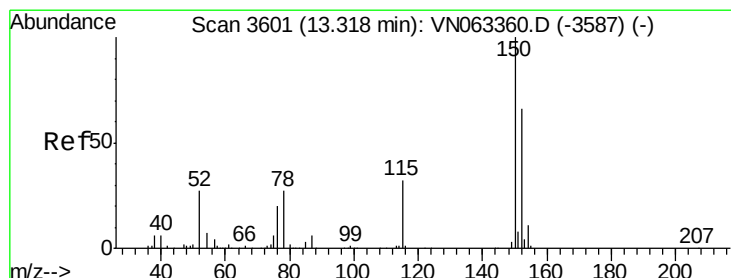
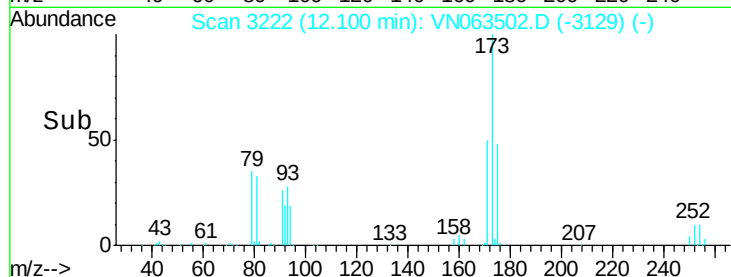
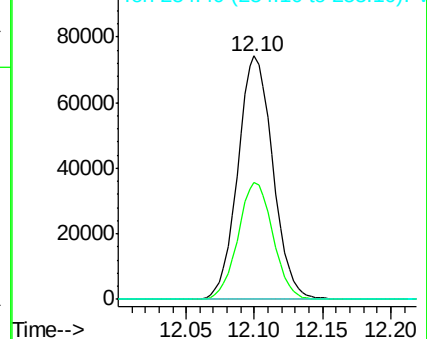
Tot Ion:	173	Resp:	132069
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.0	72.0
254	0.1	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

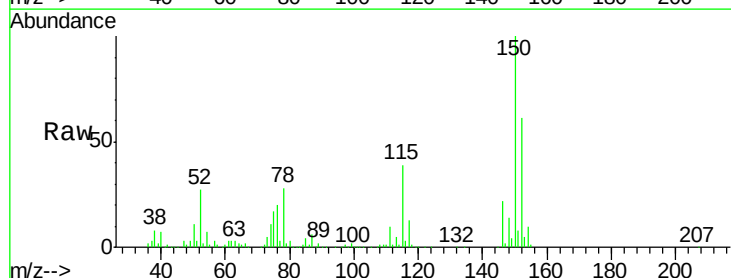
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

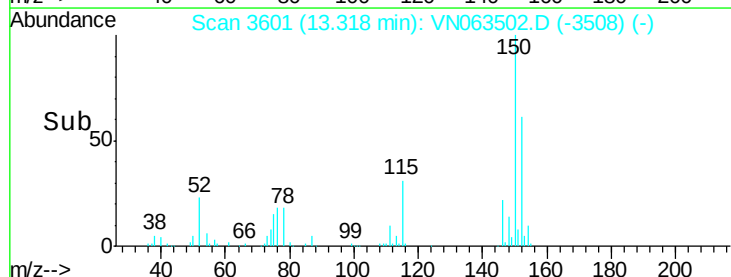
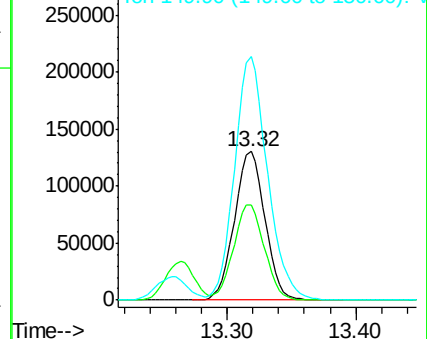
Lab File: VN063502.D

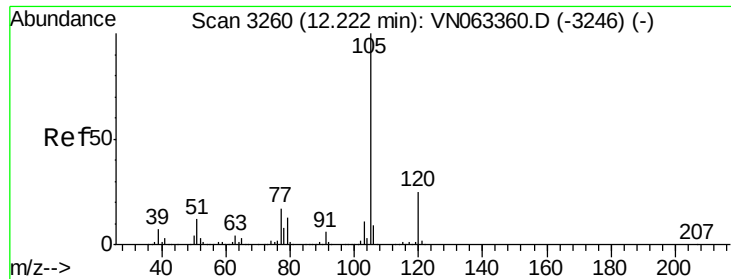
Acq: 21 Sep 2020 22:05

Tgt Ion:	152	Resp:	213363
Ion Ratio	Lower	Upper	
152	100		
115	64.6	32.2	96.6
150	176.6	0.0	343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.474 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 828798

Ion Ratio Lower Upper

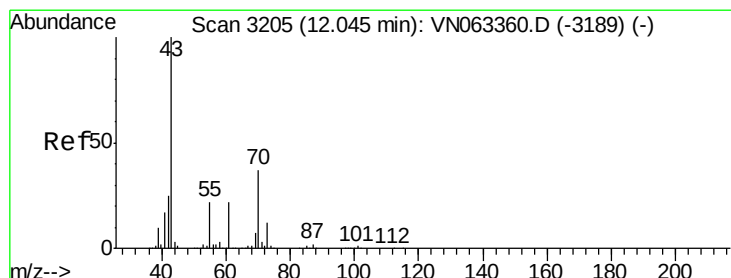
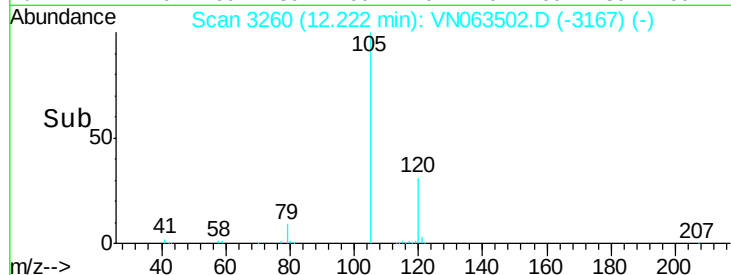
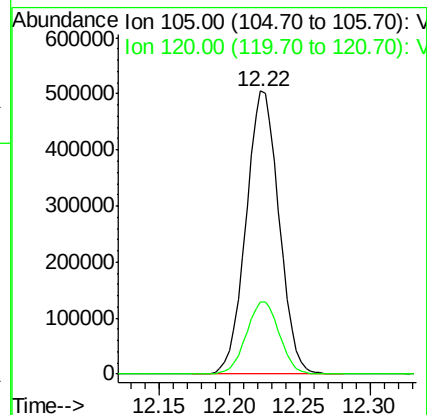
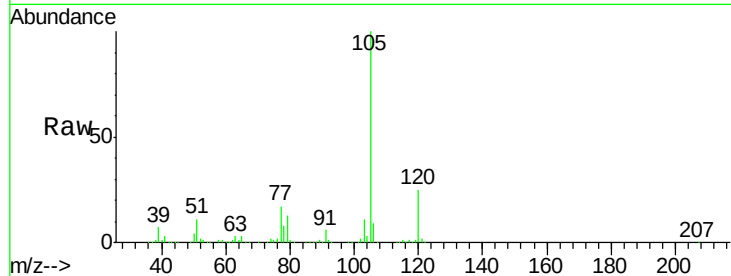
105 100

120 25.5 12.7 38.0

Manual Integrations
APPROVED

MMDadoda

9/22/2020 2:08:09 PM



#74

N-ethyl acetate

Concen: 48.130 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion: 43 Resp: 389546

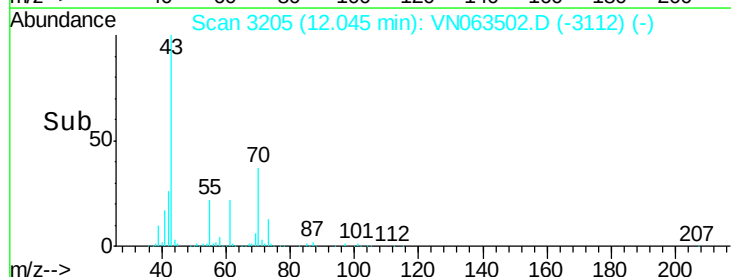
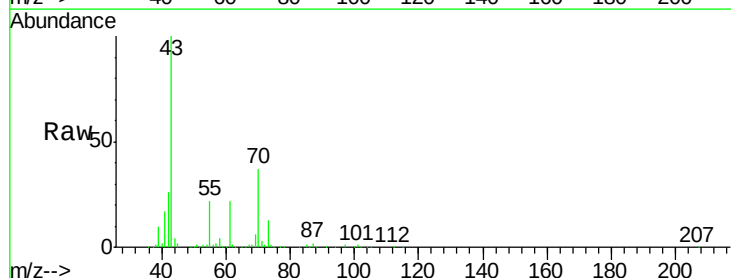
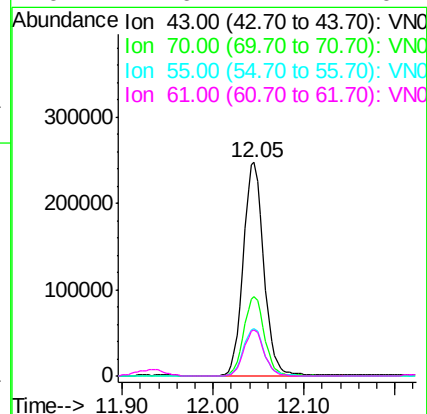
Ion Ratio Lower Upper

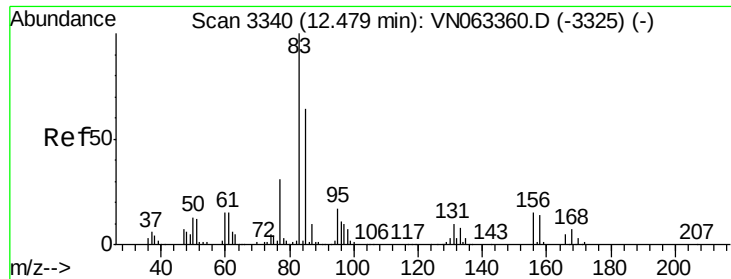
43 100

70 37.1 29.6 44.4

55 22.6 17.7 26.5

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.405 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

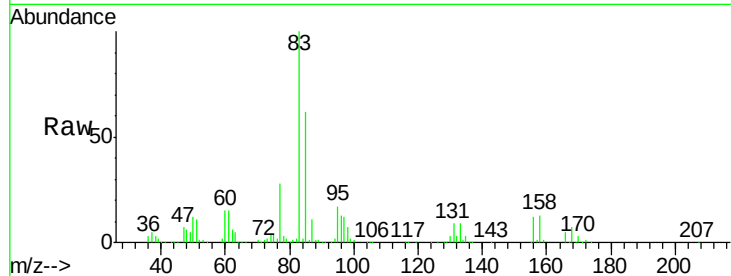
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	256253
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	62.7	32.0	96.0

Manual Integrations
APPROVED

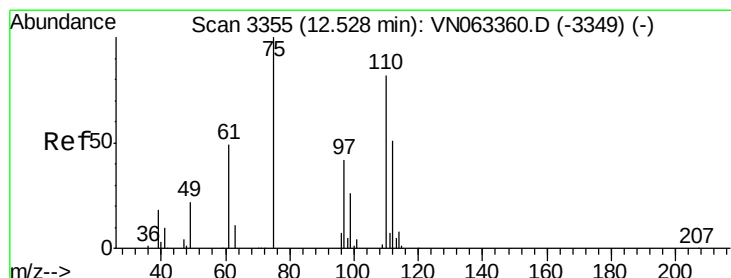
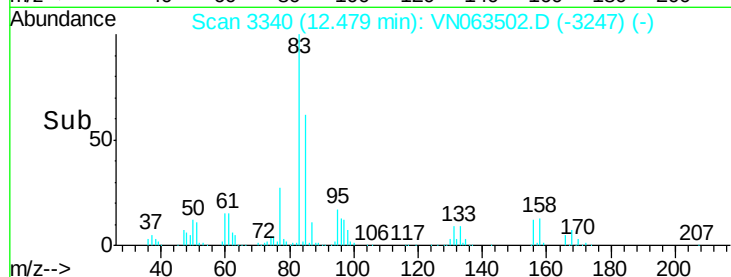
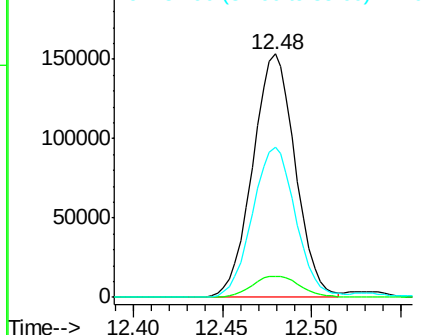
MMDadoda
9/22/2020 2:08:09 PM



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 45.013 ug/l m

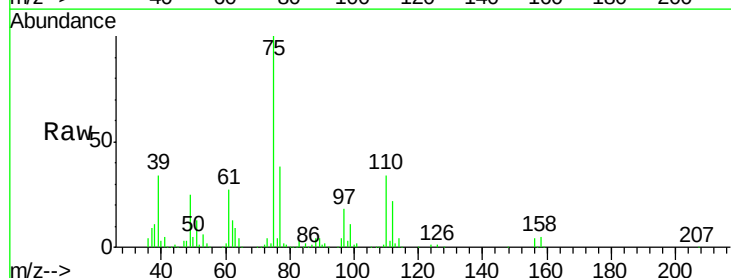
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063502.D

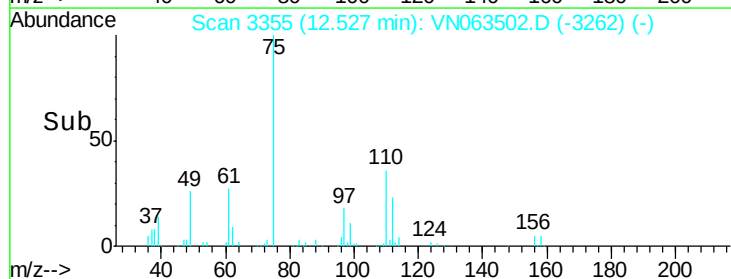
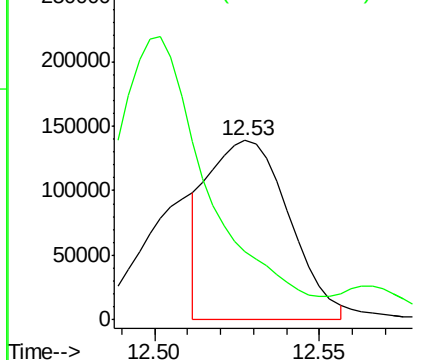
Acq: 21 Sep 2020 22:05

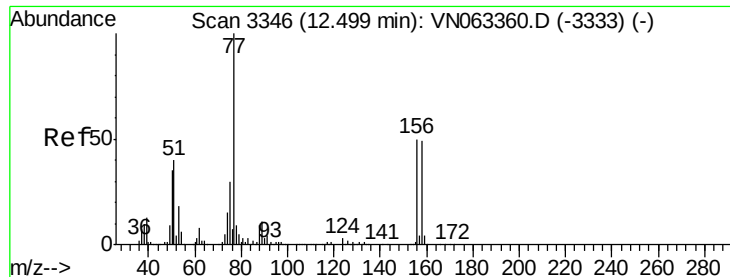
Tgt Ion:	75	Resp:	237716
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 50.279 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

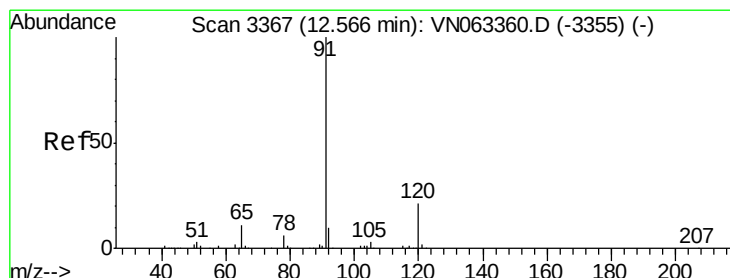
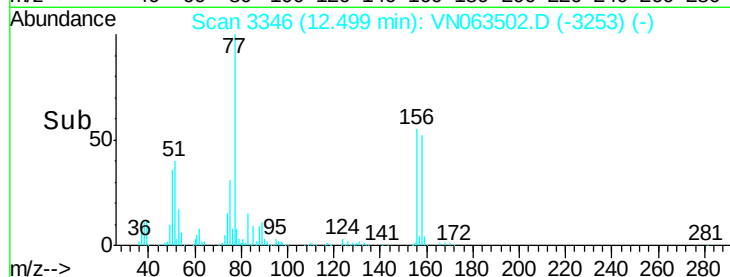
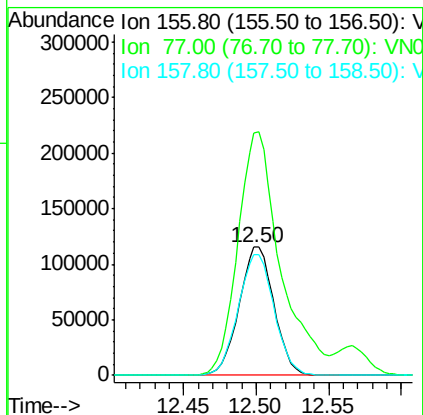
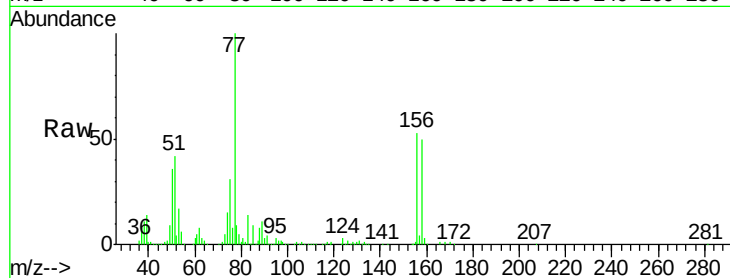
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	193375
Ion Ratio	Lower	Upper	
156	100		
77	231.7	120.2	360.6
158	97.1	48.9	146.6

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM



#78

n-propylbenzene

Concen: 47.731 ug/l

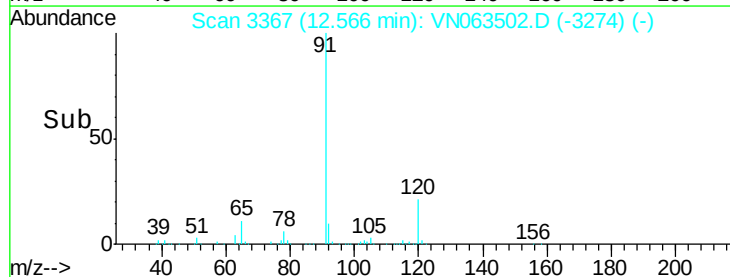
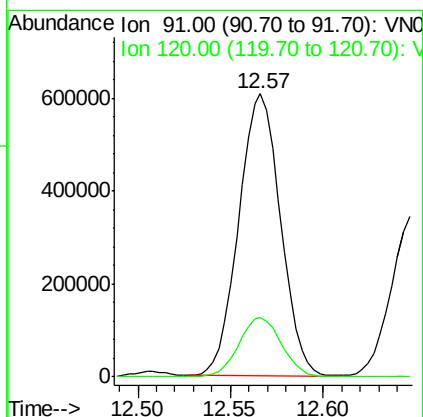
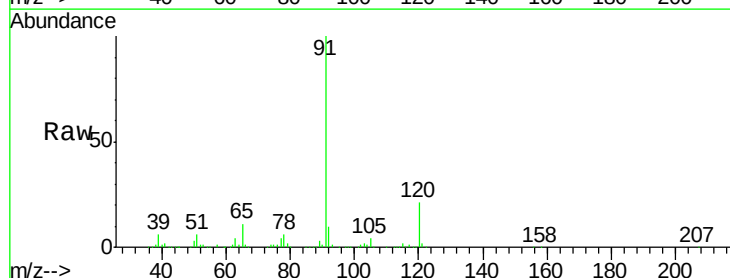
RT: 12.57 min Scan# 3367

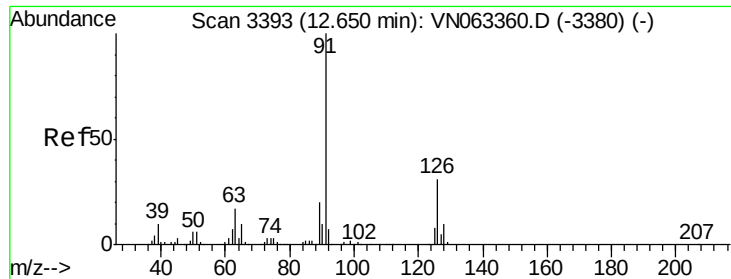
Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion:	91	Resp:	950525
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.3





#79

2-Chlorotoluene

Concen: 48.608 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 580261

Ion Ratio Lower Upper

91 100

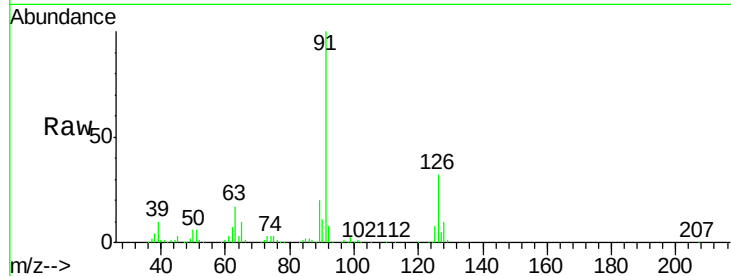
126 31.6 15.8 47.3

Manual Integrations

APPROVED

MMDadoda

9/22/2020 2:08:09 PM



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

500000

400000

300000

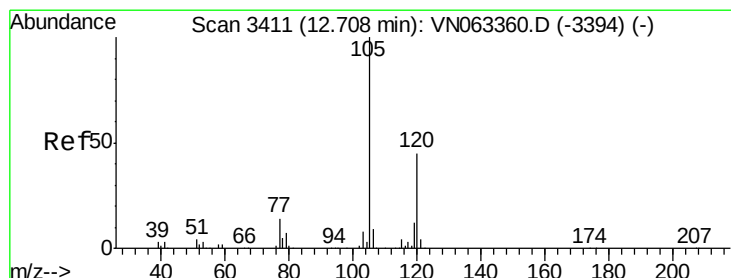
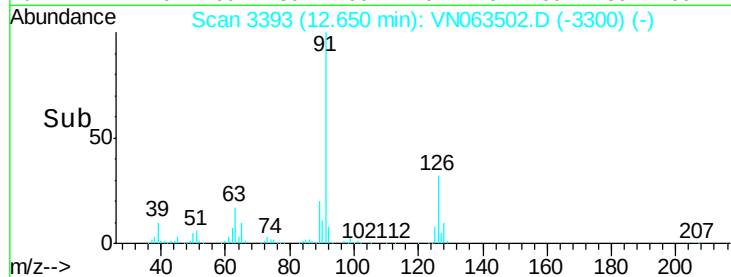
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.034 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063502.D

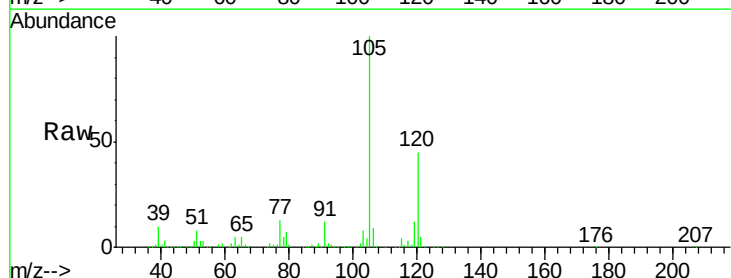
Acq: 21 Sep 2020 22:05

Tgt Ion: 105 Resp: 699087

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

500000

400000

300000

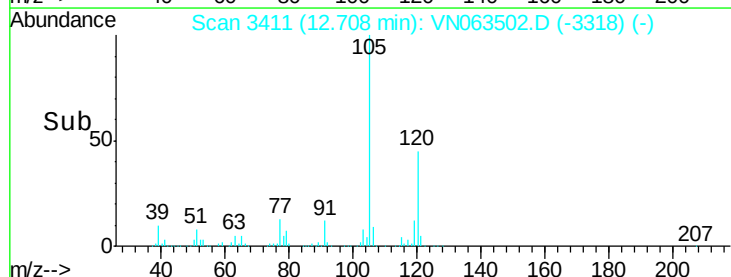
200000

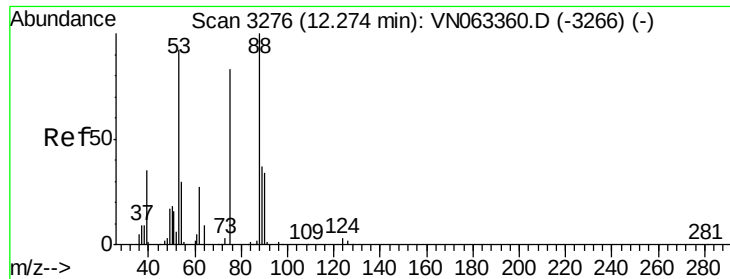
100000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.540 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

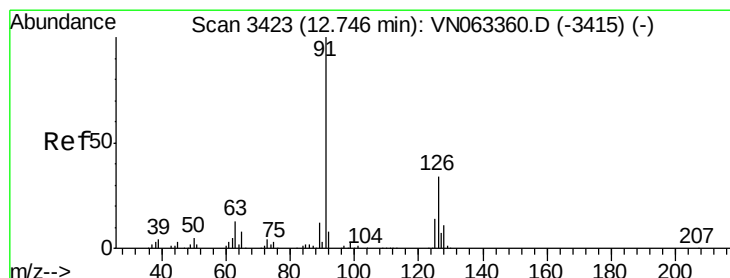
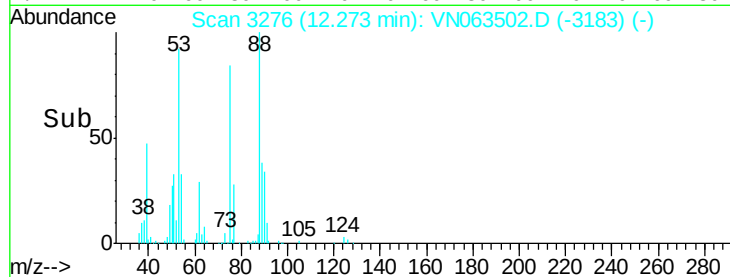
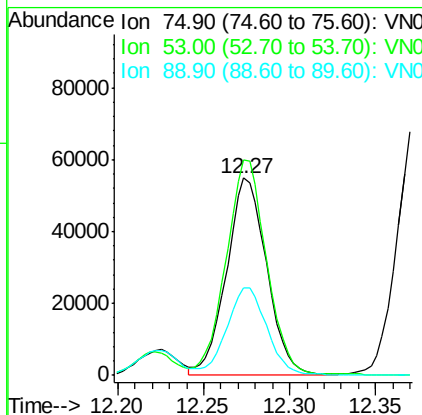
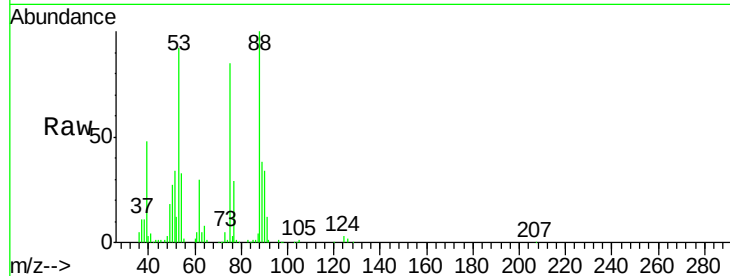
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	89647
Ion	Ratio	Lower	Upper
75	100		
53	108.6	85.7	128.5
89	44.6	38.0	57.0

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM



#82

4-Chlorotoluene

Concen: 49.684 ug/l

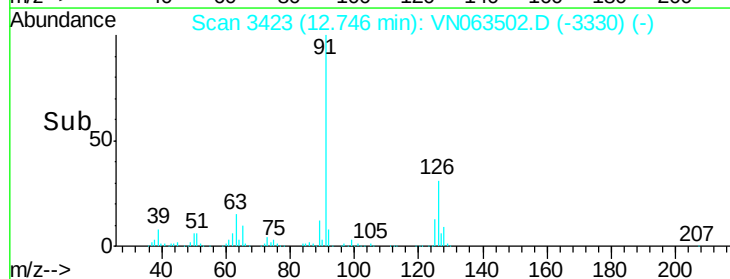
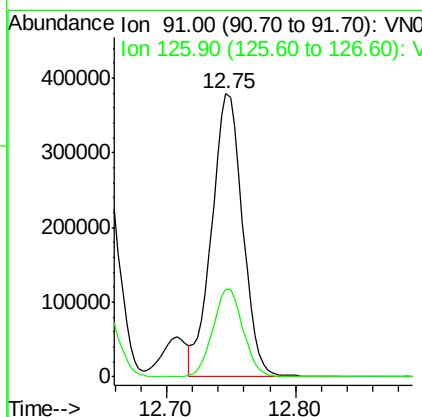
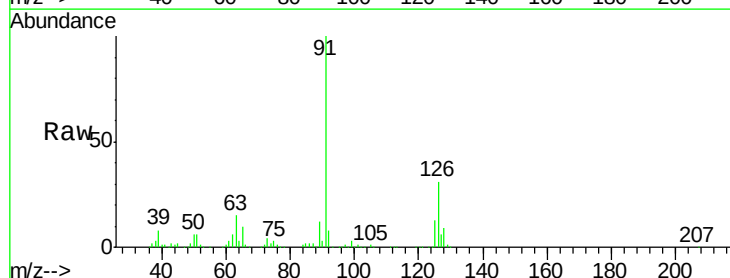
RT: 12.75 min Scan# 3423

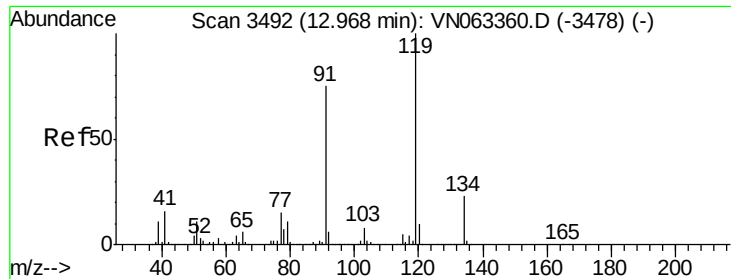
Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion:	91	Resp:	626662
Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.5	46.5





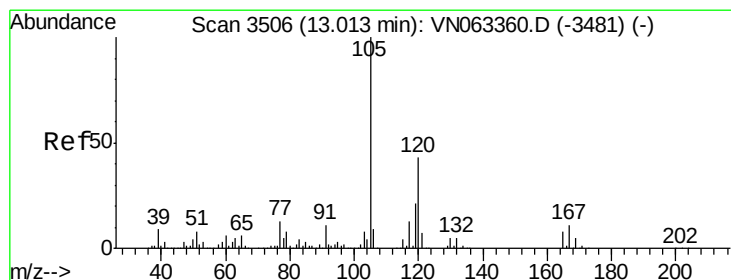
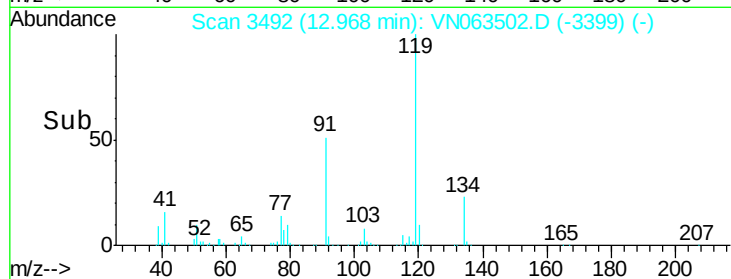
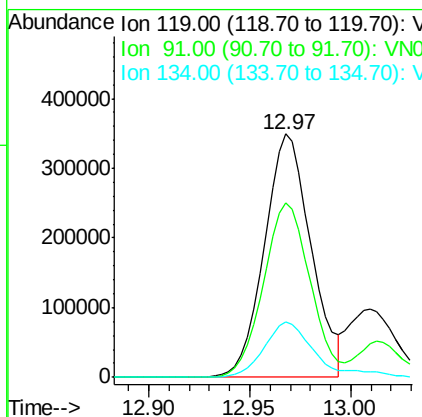
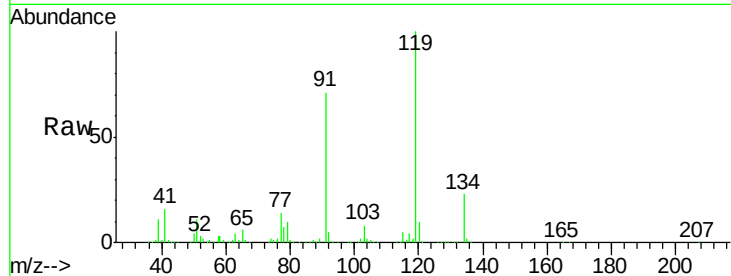
#83
 tert-Butylbenzene
 Concen: 47.660 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	560822		
91	71.8	36.3	108.9	
134	24.8	12.3	36.8	

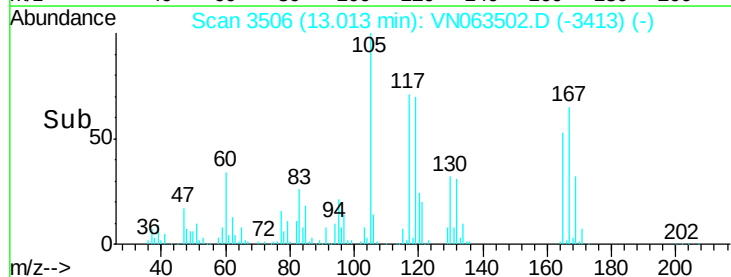
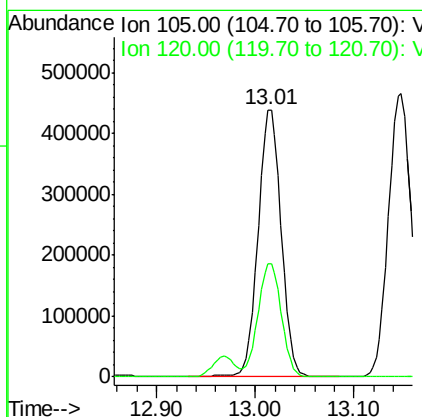
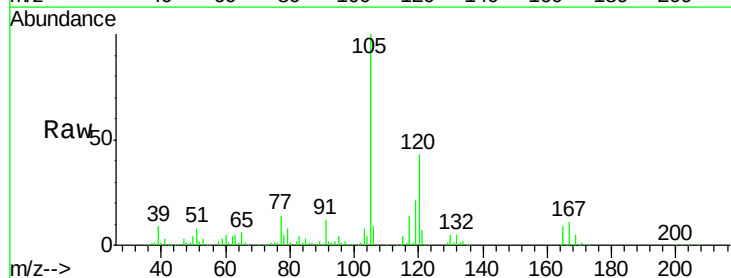
Manual Integrations
 APPROVED

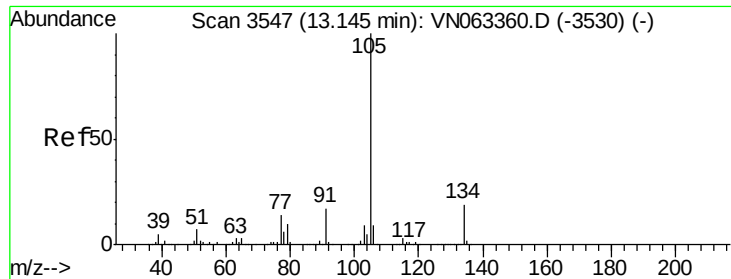
MMDadoda
 9/22/2020 2:08:09 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.129 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	707503		
120	42.9	21.3	63.9	





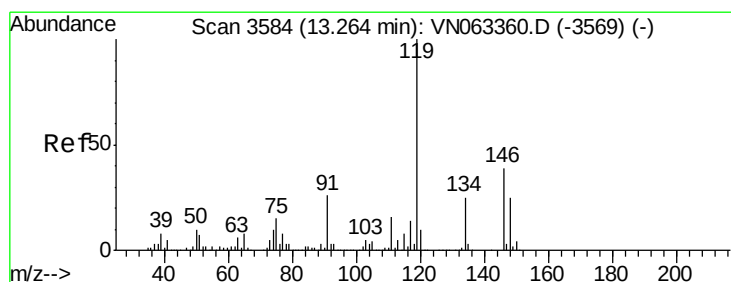
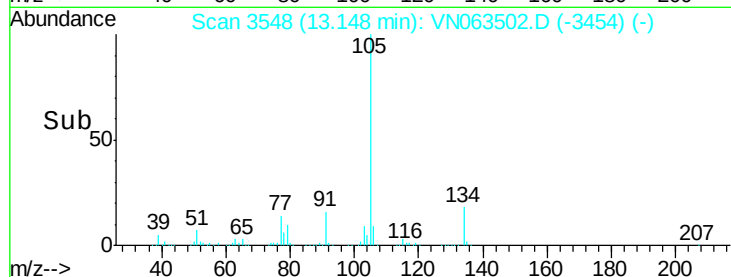
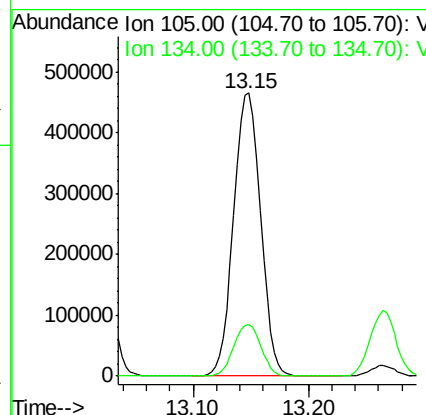
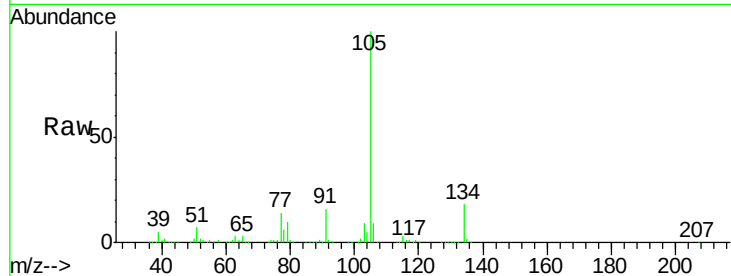
#85
 sec-Butylbenzene
 Concen: 47.687 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	751126		
134	18.4	9.3	27.7	

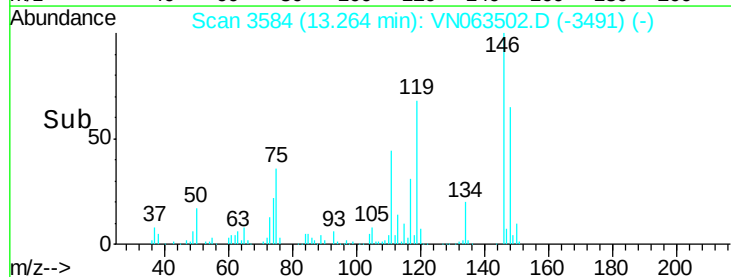
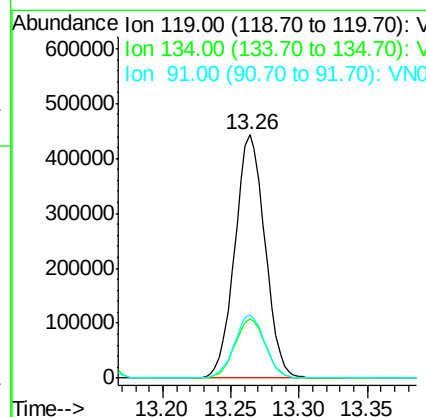
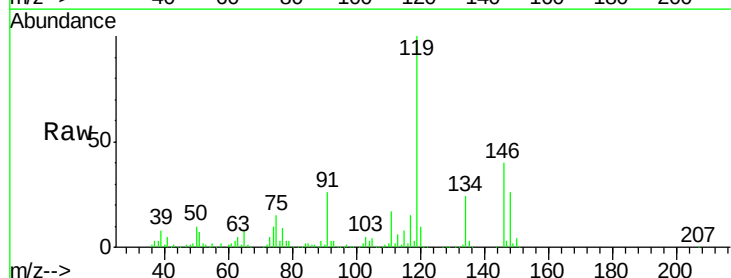
Manual Integrations
 APPROVED

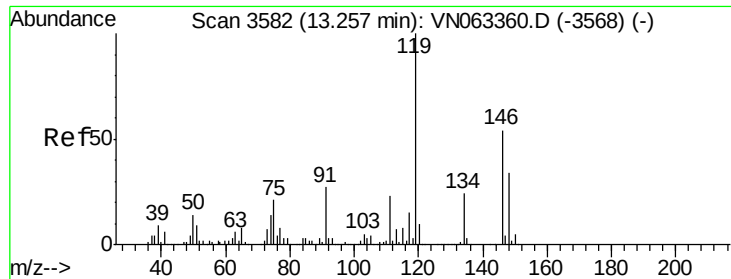
MMDadoda
 9/22/2020 2:08:09 PM



#86
 p-Isopropyltoluene
 Concen: 48.655 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	675942		
134	24.9	12.5	37.5	
91	26.2	13.4	40.1	





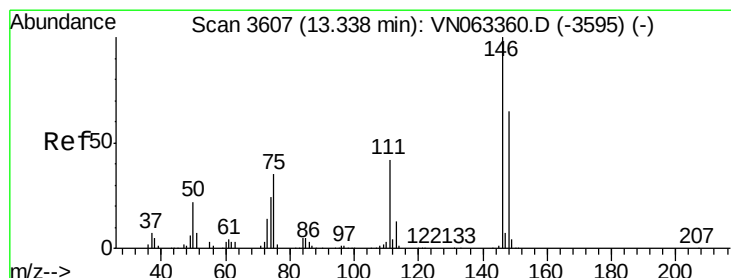
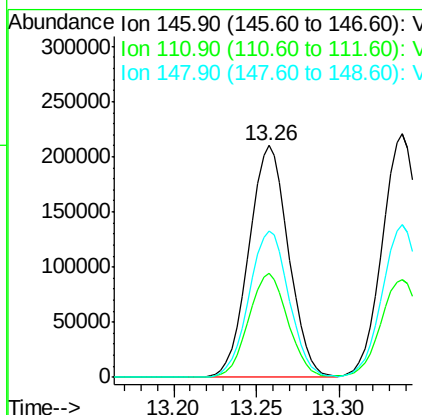
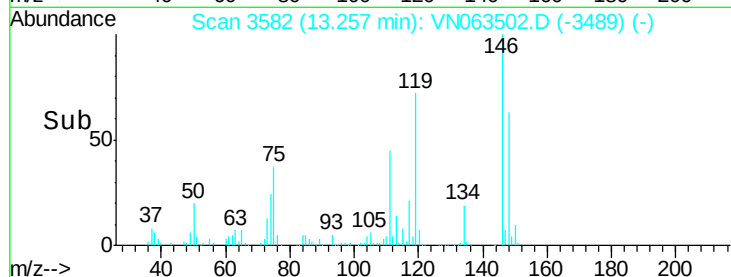
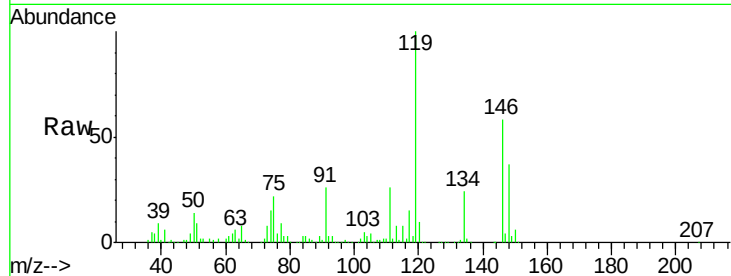
#87
 1,3-Dichlorobenzene
 Concen: 49.064 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	349753		
111	44.4	21.4	64.3	
148	63.7	31.9	95.7	

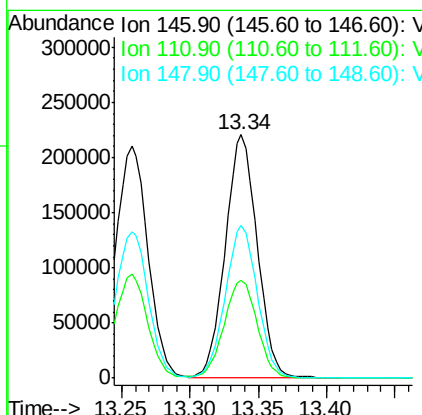
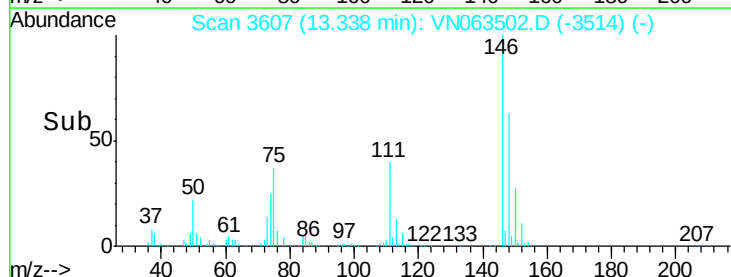
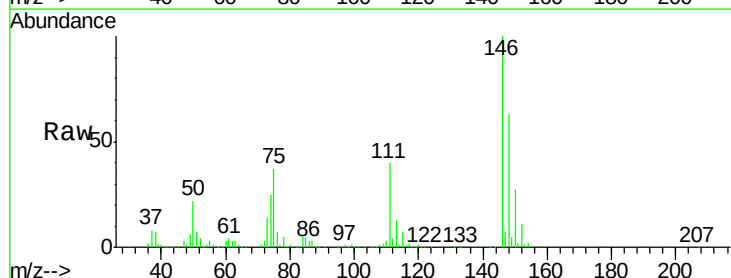
Manual Integrations
 APPROVED

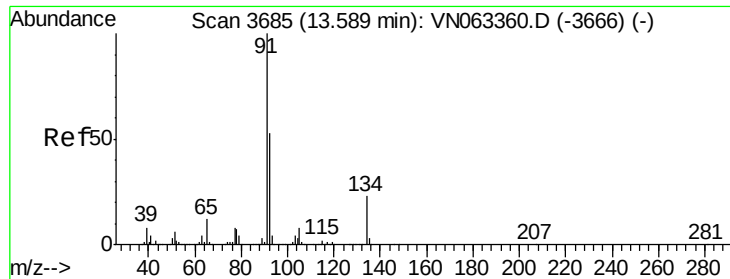
MMDadoda
 9/22/2020 2:08:09 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.321 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	357453		
111	41.6	21.2	63.6	
148	63.2	31.9	95.9	





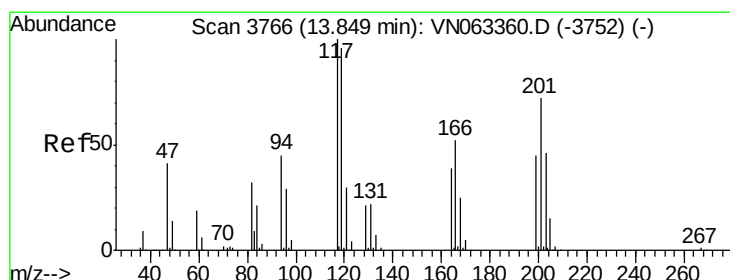
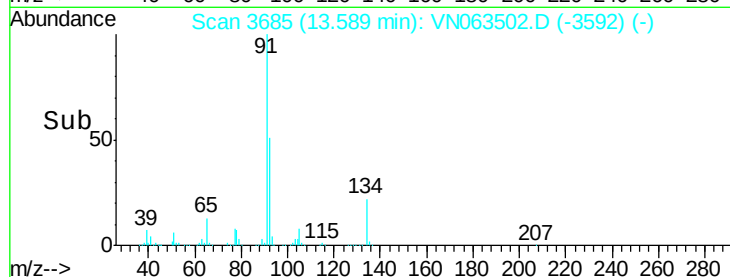
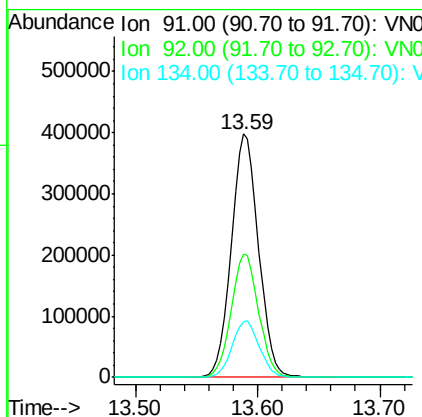
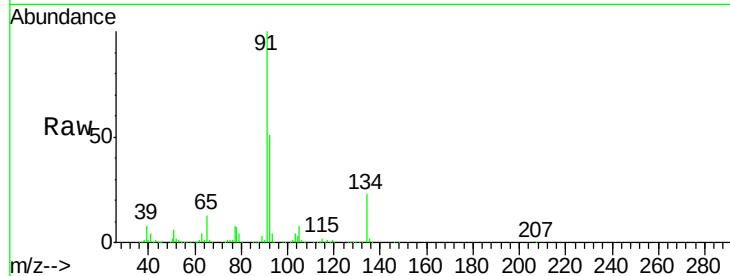
#89
n-Butylbenzene
Concen: 48.147 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.0	78.0
134	23.3	11.7	35.0

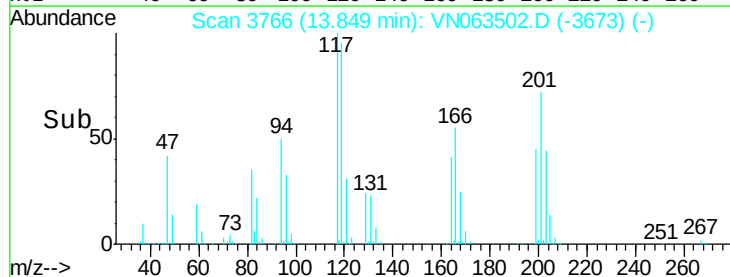
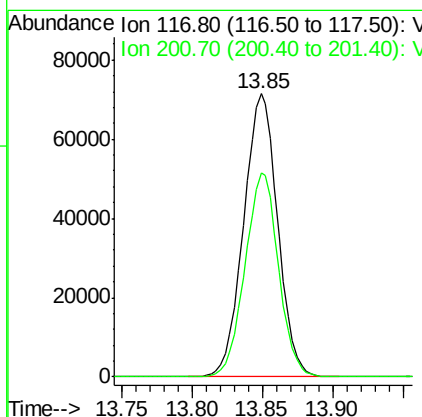
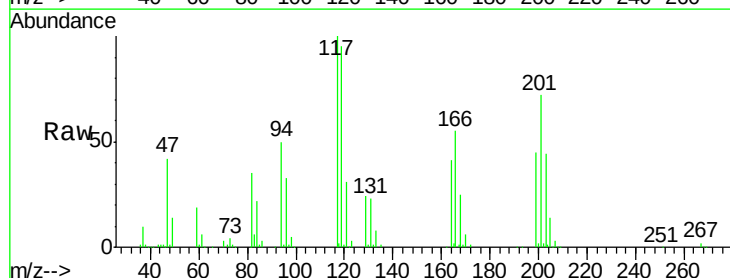
Manual Integrations
APPROVED

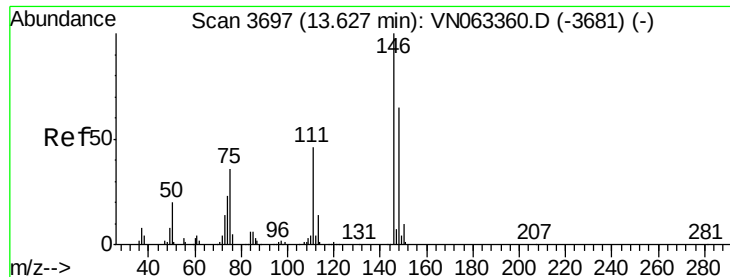
MMDadoda
9/22/2020 2:08:09 PM



#90
Hexachloroethane
Concen: 45.682 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	35.5	106.7





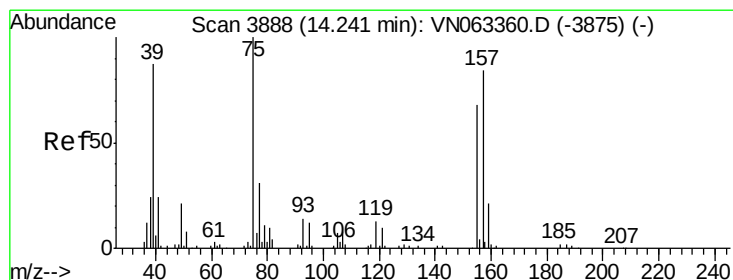
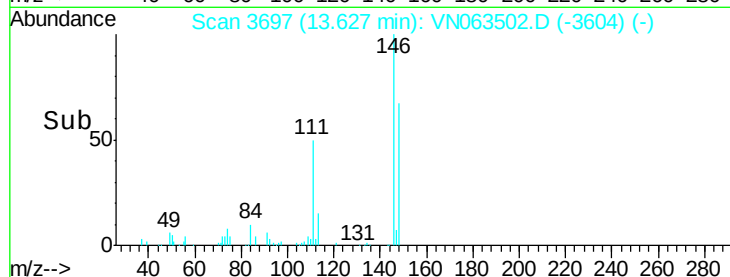
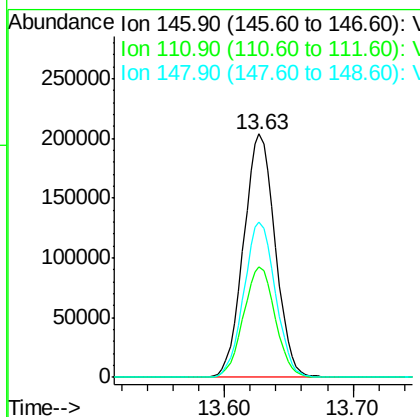
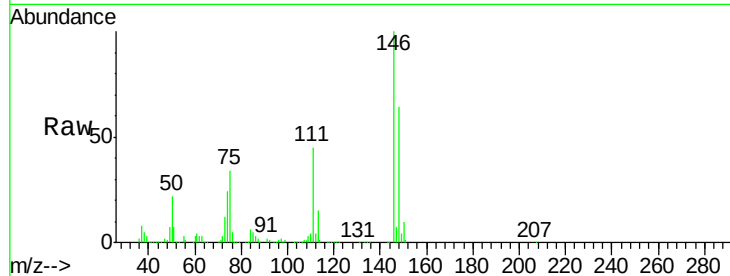
#91
 1,2-Dichlorobenzene
 Concen: 49.786 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	348430		
111	45.4	22.4	67.2	
148	63.9	32.0	96.0	

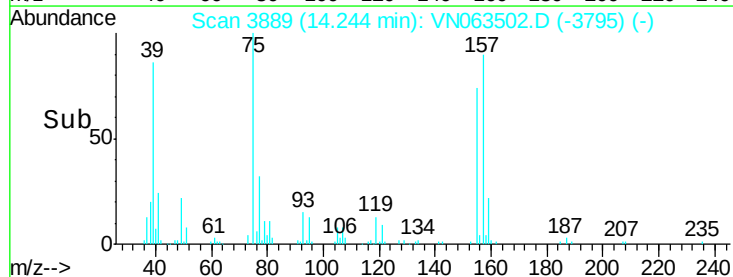
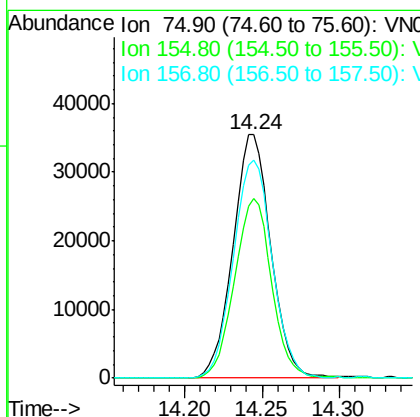
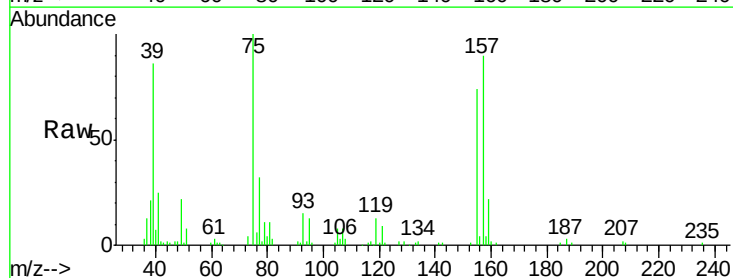
Manual Integrations
 APPROVED

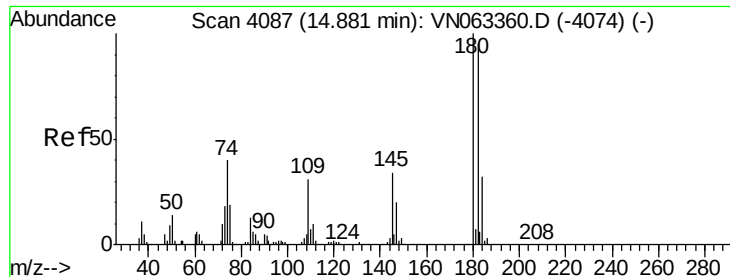
MMDadoda
 9/22/2020 2:08:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.884 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60364		
155	72.0	34.6	103.9	
157	91.6	43.7	131.1	





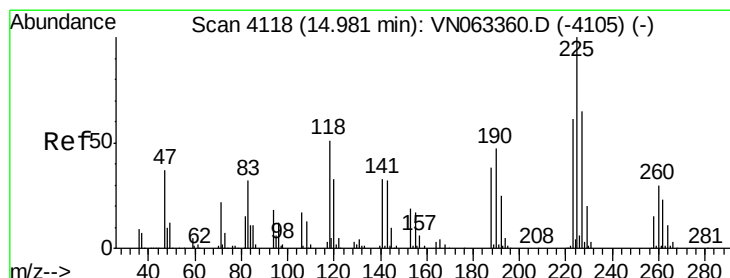
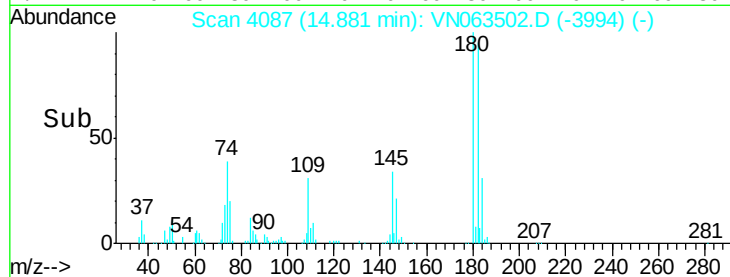
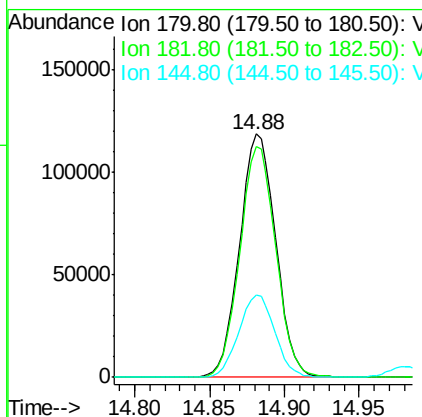
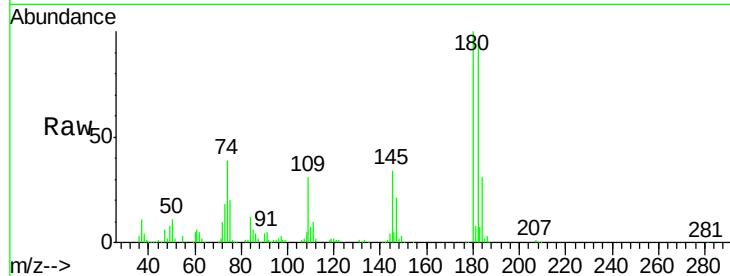
#93
 1,2,4-Trichlorobenzene
 Concen: 48.337 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199434		
182	94.8	47.3	142.0	
145	33.7	16.6	49.7	

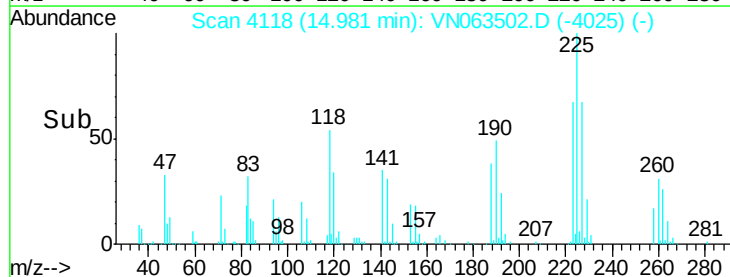
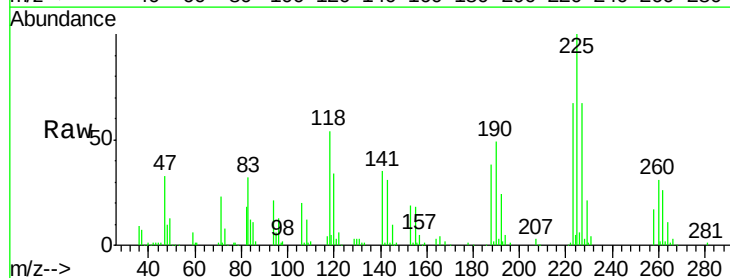
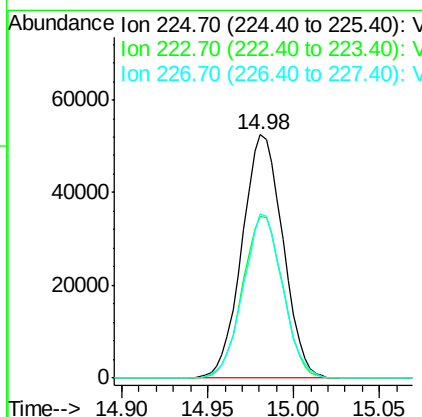
Manual Integrations
 APPROVED

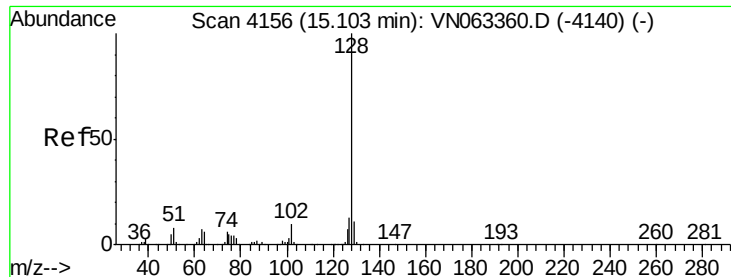
MMDadoda
 9/22/2020 2:08:09 PM



#94
 Hexachlorobutadiene
 Concen: 50.673 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86554		
223	65.5	30.6	91.6	
227	65.3	31.2	93.6	





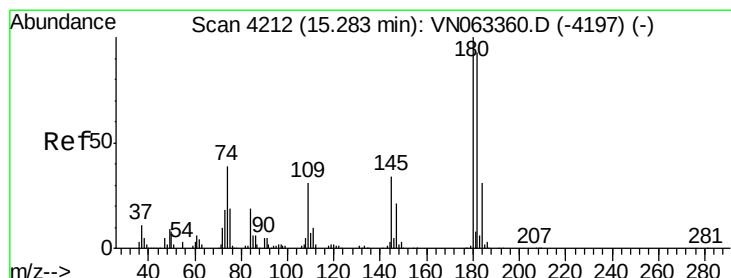
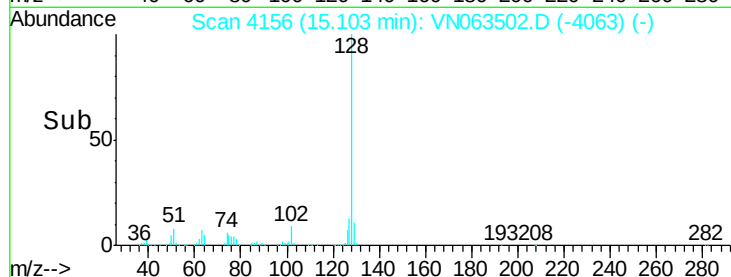
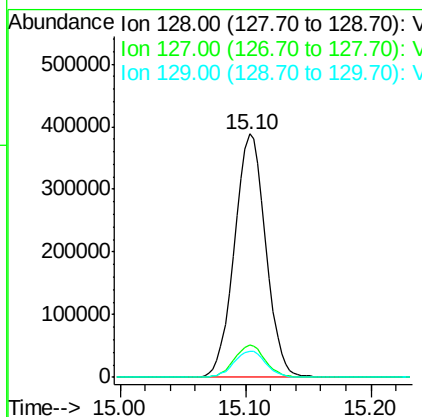
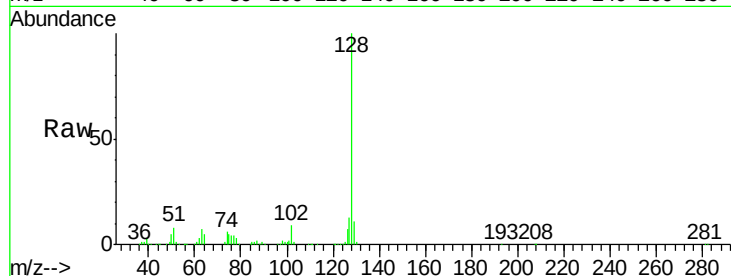
#95
Naphthalene
Concen: 49.366 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	672913		
127	13.1		10.6	15.8
129	11.0		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.027 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	191460		
182	96.3		46.7	140.1
145	35.2		16.8	50.3

