

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063361.D
 Acq On : 16 Sep 2020 12:19
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:54 PM

Quant Time: Sep 16 12:41:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	484660	110.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.18%	
35) Dibromofluoromethane	7.55	113	340610	107.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.76%	
50) Toluene-d8	10.06	98	1296257	107.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.32%	
62) 4-Bromofluorobenzene	12.38	95	489426	109.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	319882	116.080	ug/l	98
3) Chloromethane	2.03	50	382434	94.575	ug/l	99
4) Vinyl Chloride	2.16	62	374143	99.426	ug/l	98
5) Bromomethane	2.52	94	227078	89.338	ug/l	98
6) Chloroethane	2.67	64	216308	89.342	ug/l	100
7) Trichlorofluoromethane	2.98	101	565798	97.649	ug/l	99
8) Diethyl Ether	3.37	74	221421	104.924	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	311781	101.894	ug/l	99
10) Methyl Iodide	3.91	142	431049	109.308	ug/l	100
11) Tert butyl alcohol	4.74	59	342430	580.684	ug/l	100
12) 1,1-Dichloroethene	3.69	96	317334	103.375	ug/l	98
13) Acrolein	3.57	56	102662	379.550	ug/l	99
14) Allyl chloride	4.27	41	635361	101.029	ug/l	98
15) Acrylonitrile	4.93	53	861272	541.077	ug/l	99
16) Acetone	3.78	43	738586	489.143	ug/l	99
17) Carbon Disulfide	4.01	76	937709	98.818	ug/l	99
18) Methyl Acetate	4.28	43	395709	103.874	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1182163	107.625	ug/l	99
20) Methylene Chloride	4.50	84	364682	94.317	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	346087	100.931	ug/l	99
22) Diisopropyl ether	5.90	45	1279228	104.055	ug/l	98
23) Vinyl Acetate	5.84	43	5467073	561.869	ug/l	99
24) 1,1-Dichloroethane	5.80	63	705005	104.995	ug/l	99
25) 2-Butanone	6.78	43	1229741	549.002	ug/l	100
26) 2,2-Dichloropropane	6.77	77	606822	103.387	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	401335	100.449	ug/l	97
28) Bromochloromethane	7.15	49	331100	102.674	ug/l	99
29) Tetrahydrofuran	7.16	42	830474	569.163	ug/l	98
30) Chloroform	7.33	83	706219	105.429	ug/l	98
31) Cyclohexane	7.61	56	616818	99.999	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	630753	107.625	ug/l	99
36) 1,1-Dichloropropene	7.75	75	527006	104.321	ug/l	99
37) Ethyl Acetate	6.88	43	531560	106.569	ug/l	99
38) Carbon Tetrachloride	7.73	117	550023	109.967	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063361.D
 Acq On : 16 Sep 2020 12:19
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:54 PM

Quant Time: Sep 16 12:41:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	578748	105.105	ug/l	98
40) Benzene	8.00	78	1504591	104.452	ug/l	99
41) Methacrylonitrile	7.12	41	241522	106.404	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	615243	111.455	ug/l	99
43) Isopropyl Acetate	8.13	43	935279	110.558	ug/l	99
44) Trichloroethene	8.80	130	364959	98.353	ug/l	100
45) 1,2-Dichloropropane	9.08	63	411032	103.926	ug/l	98
46) Dibromomethane	9.17	93	274126	106.333	ug/l	100
47) Bromodichloromethane	9.37	83	579385	108.228	ug/l	97
48) Methyl methacrylate	9.16	41	453208	111.489	ug/l	98
49) 1,4-Dioxane	9.17	88	130057	2076.653	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2633215	565.476	ug/l	100
52) Toluene	10.13	92	932170	105.724	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	655593	112.137	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	686649	109.199	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	362584	105.001	ug/l	97
56) Ethyl methacrylate	10.40	69	590620	112.584	ug/l	99
57) 1,3-Dichloropropane	10.68	76	648935	107.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1583965	561.451	ug/l	99
59) 2-Hexanone	10.72	43	1933394	563.347	ug/l	99
60) Dibromochloromethane	10.87	129	426176	112.253	ug/l	98
61) 1,2-Dibromoethane	10.98	107	383813	106.508	ug/l	100
64) Tetrachloroethene	10.60	164	304186	85.708	ug/l	98
65) Chlorobenzene	11.41	112	961381	100.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	361343	103.000	ug/l	99
67) Ethyl Benzene	11.48	91	1828393	105.633	ug/l	98
68) m/p-Xylenes	11.59	106	1336745	208.562	ug/l	98
69) o-Xylene	11.92	106	636424	103.736	ug/l	99
70) Styrene	11.94	104	1096775	107.189	ug/l	99
71) Bromoform	12.10	173	282439	114.886	ug/l #	100
73) Isopropylbenzene	12.22	105	1750831	103.427	ug/l	100
74) N-amyl acetate	12.05	43	846363	120.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	521335	106.323	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	493422m	104.479	ug/l	
77) Bromobenzene	12.50	156	397809	102.339	ug/l	97
78) n-propylbenzene	12.57	91	2039316	106.214	ug/l	99
79) 2-Chlorotoluene	12.65	91	1212405	102.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1471197	104.621	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	201845	115.992	ug/l	98
82) 4-Chlorotoluene	12.75	91	1277656	102.970	ug/l	99
83) tert-Butylbenzene	12.97	119	1201012	100.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1479591	104.325	ug/l	99
85) sec-Butylbenzene	13.15	105	1603893	105.772	ug/l	100
86) p-Isopropyltoluene	13.26	119	1443197	104.040	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	714257	100.448	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	729608	98.569	ug/l	99
89) n-Butylbenzene	13.59	91	1344655	107.216	ug/l	100
90) Hexachloroethane	13.85	117	274652	118.809	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	707297	100.481	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	131766	117.367	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063361.D
Acq On : 16 Sep 2020 12:19
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM

Quant Time: Sep 16 12:41:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 12:15:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	449519	108.362	ug/l	100
94) Hexachlorobutadiene	14.98	225	174340	98.193	ug/l	99
95) Naphthalene	15.10	128	1476351	109.171	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	429028	105.705	ug/l	98

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

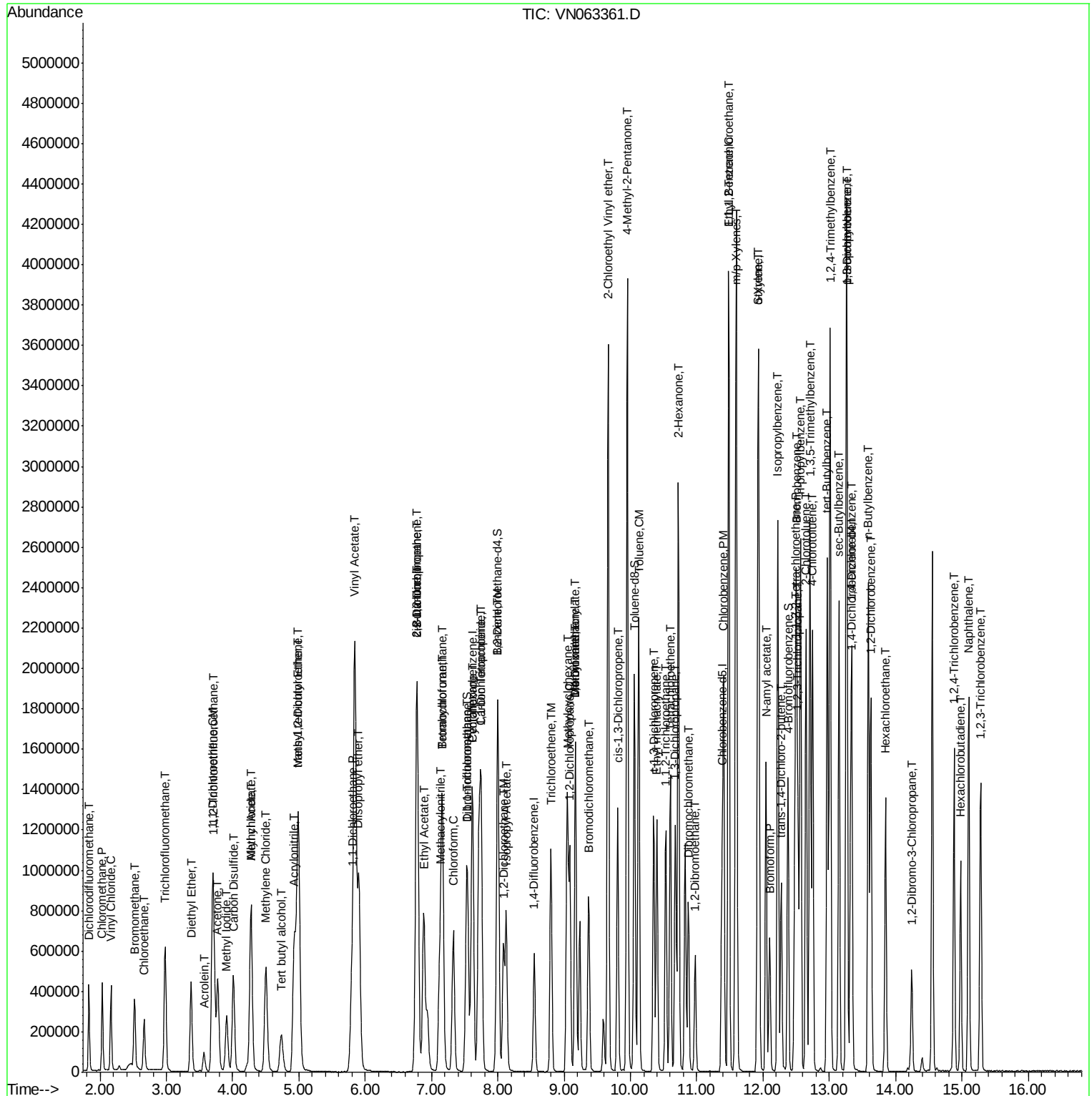
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063361.D
Acq On : 16 Sep 2020 12:19
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

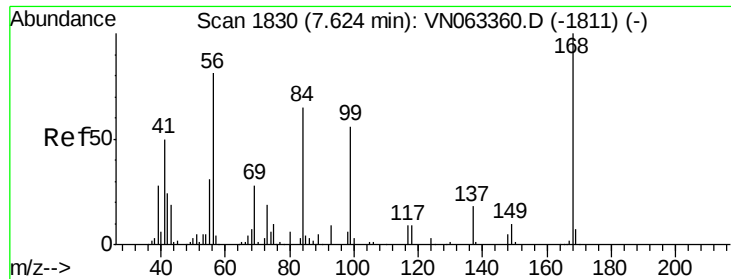
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM

Quant Time: Sep 16 12:41:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 12:15:31 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 277809

Ion Ratio Lower Upper

168 100

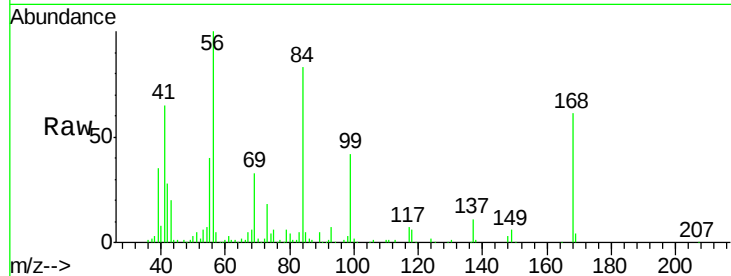
99 69.2 53.0 79.6

Manual Integrations

APPROVED

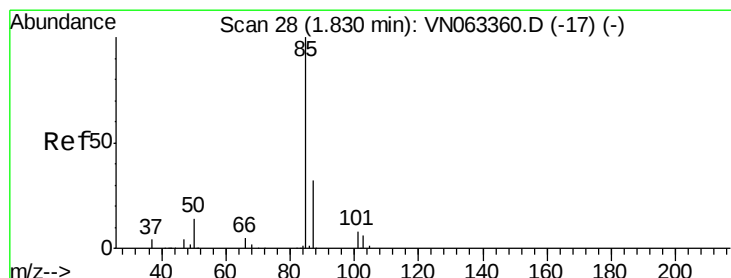
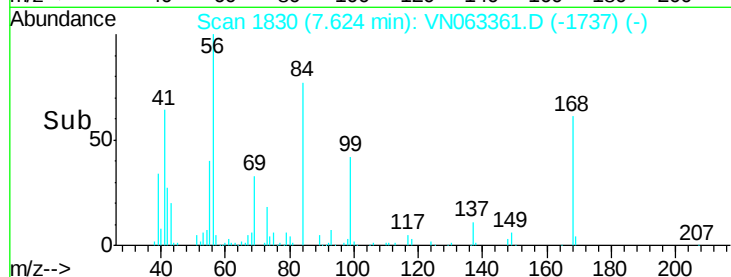
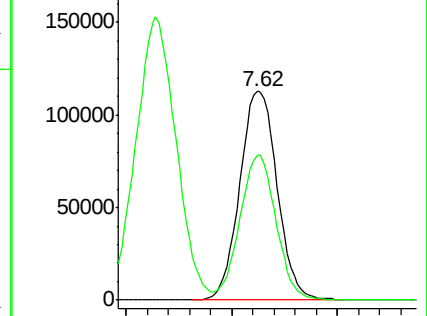
MMDadoda

9/17/2020 1:07:54 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 116.080 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063361.D

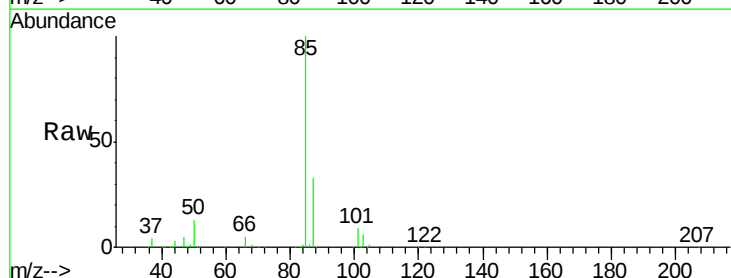
Acq: 16 Sep 2020 12:19

Tgt Ion: 85 Resp: 319882

Ion Ratio Lower Upper

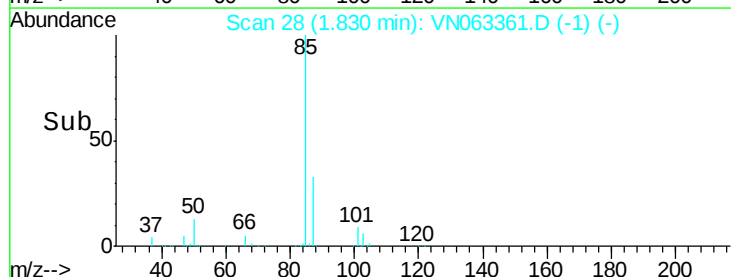
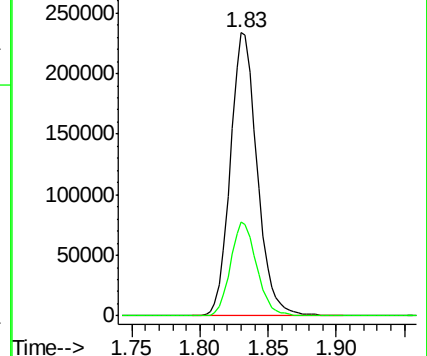
85 100

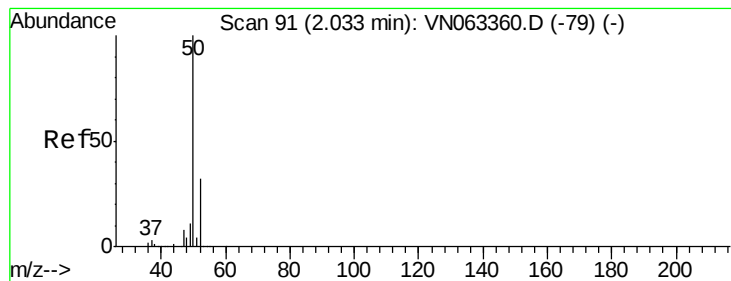
87 33.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 94.575 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 382434

Ion Ratio Lower Upper

50 100

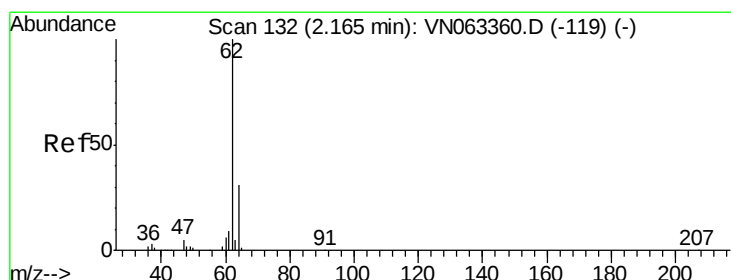
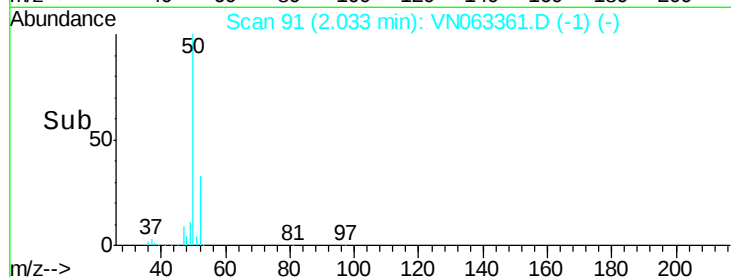
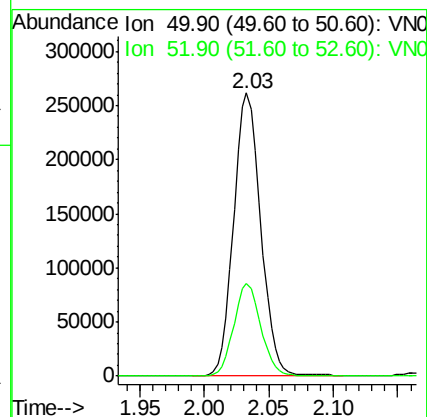
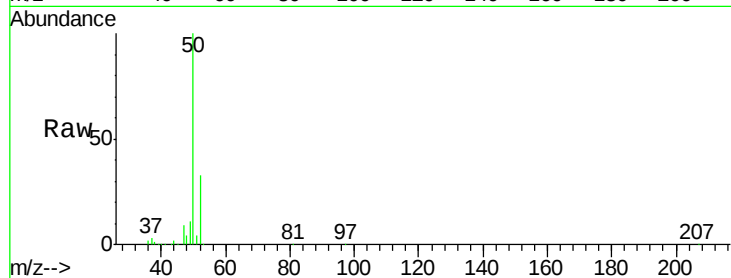
52 32.9 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

9/17/2020 1:07:54 PM



#4

Vinyl Chloride

Concen: 99.426 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063361.D

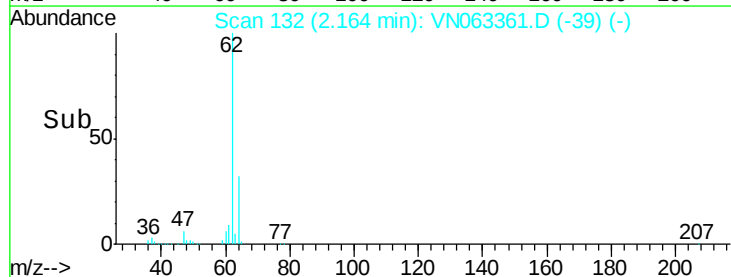
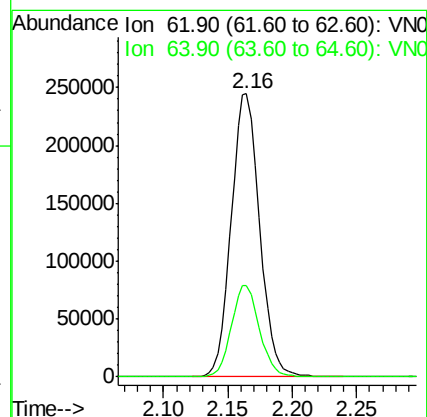
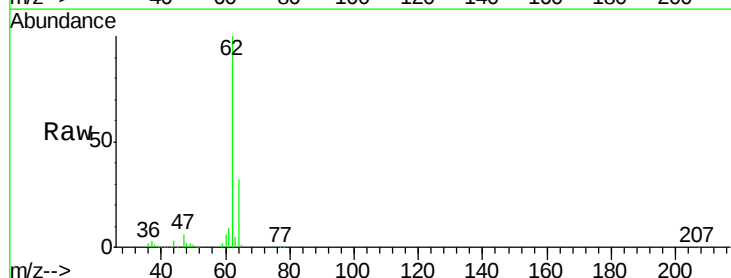
Acq: 16 Sep 2020 12:19

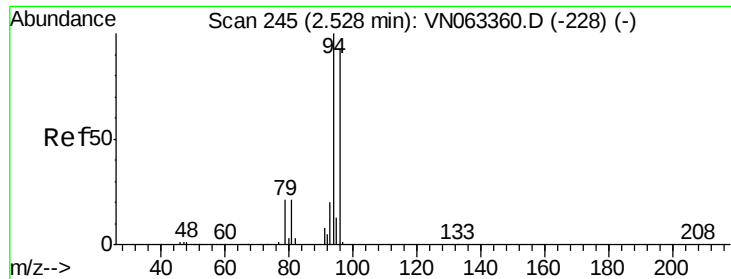
Tgt Ion: 62 Resp: 374143

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 89.338 ug/l

RT: 2.52 min Scan# 242

Delta R.T. -0.01 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VSTDICC100

Tot Ion: 94 Resp: 227078

Ion Ratio Lower Upper

94 100

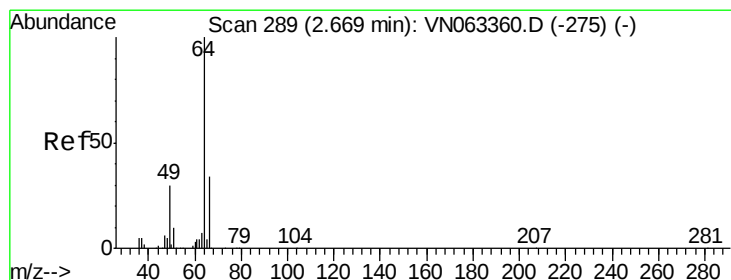
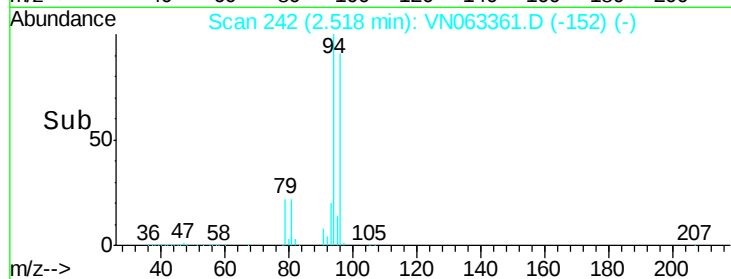
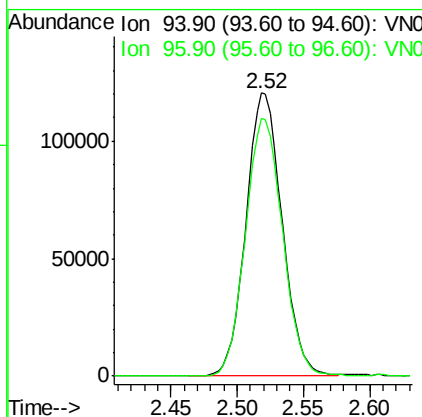
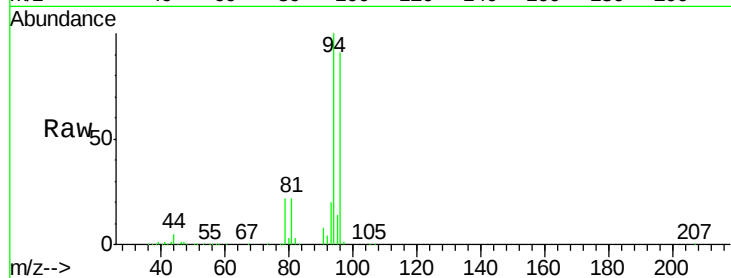
96 91.1 74.5 111.7

Manual Integrations

APPROVED

MMDadoda

9/17/2020 1:07:54 PM



#6

Chloroethane

Concen: 89.342 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN063361.D

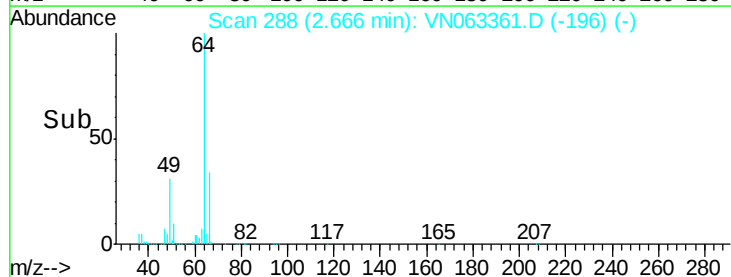
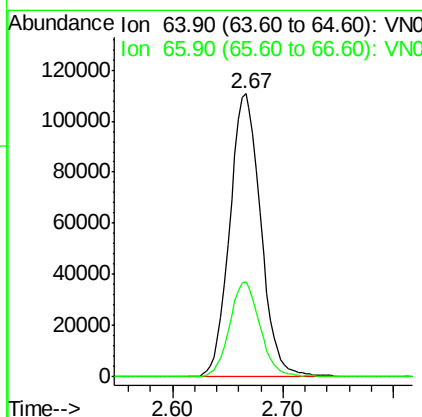
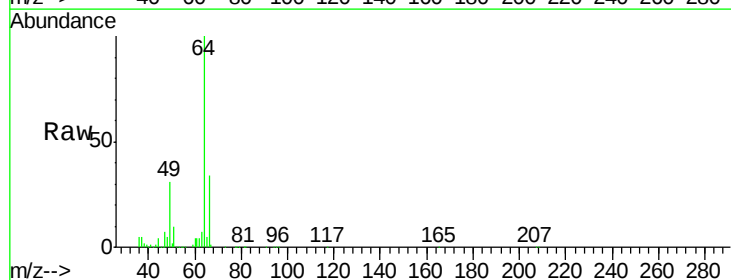
Acq: 16 Sep 2020 12:19

Tgt Ion: 64 Resp: 216308

Ion Ratio Lower Upper

64 100

66 33.7 26.9 40.3





#7

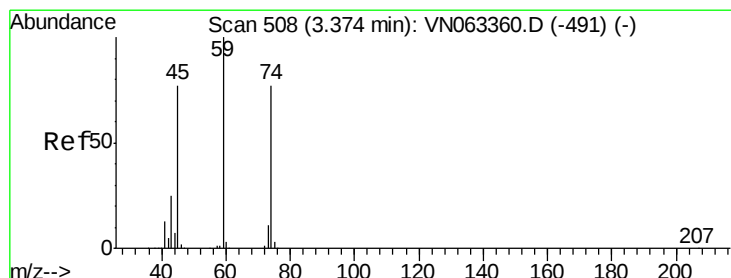
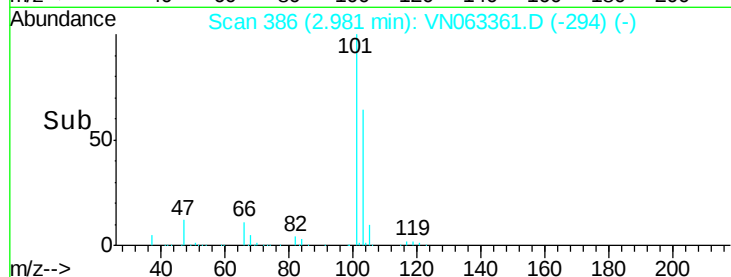
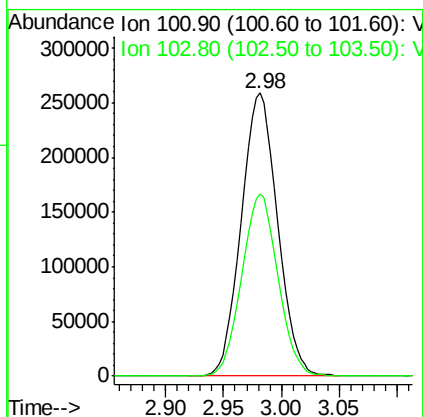
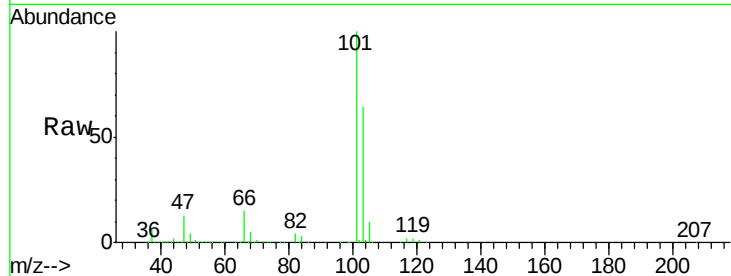
Trichlorofluoromethane
 Concen: 97.649 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		565798		
103	64.3	52.3	78.5		

Manual Integrations
 APPROVED

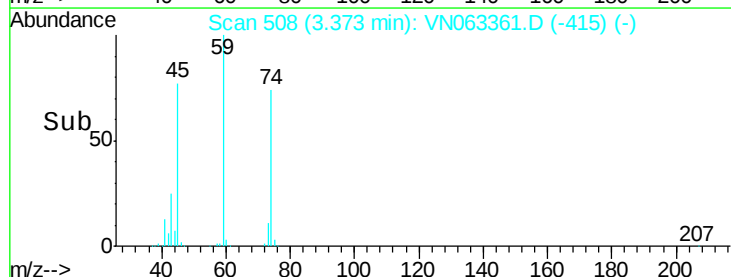
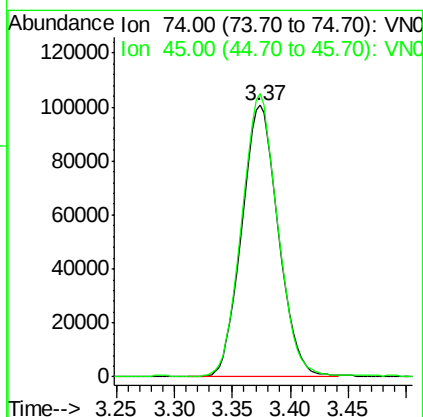
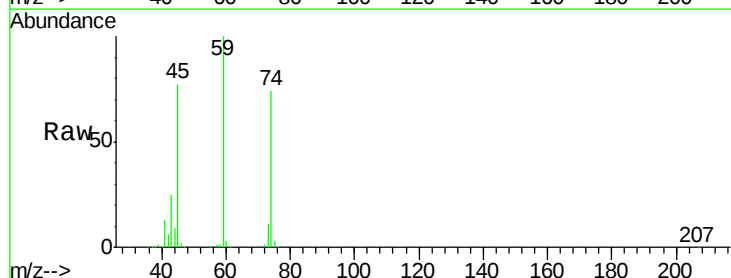
MMDadoda
 9/17/2020 1:07:54 PM

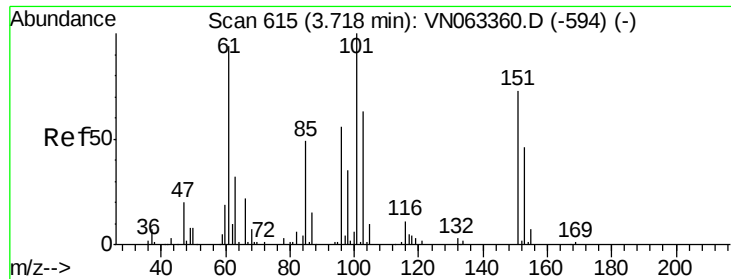


#8

Diethyl Ether
 Concen: 104.924 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		221421		
45	102.2	52.1	156.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.894 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

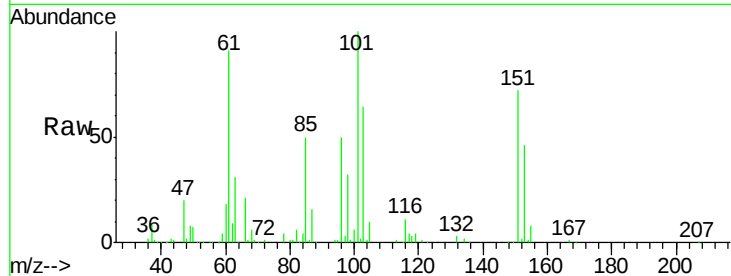
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	311781
Ion Ratio	Lower	Upper	
101	100		
85	48.9	37.7	56.5
151	72.3	57.7	86.5

Manual Integrations
APPROVED

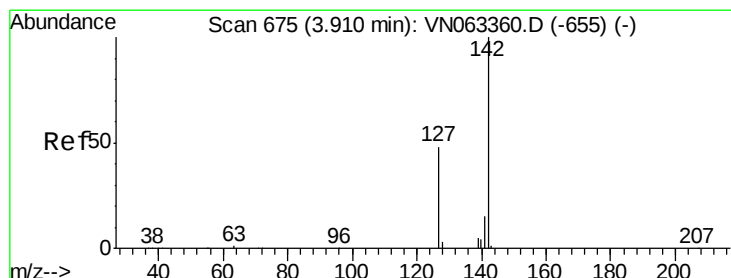
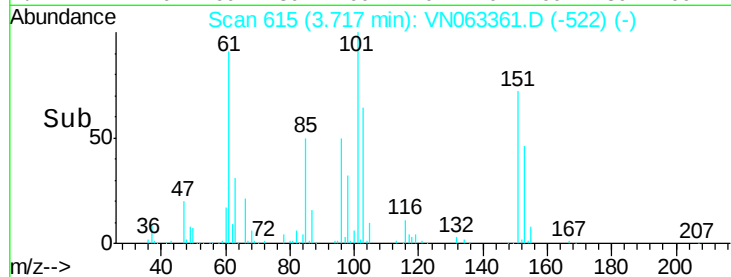
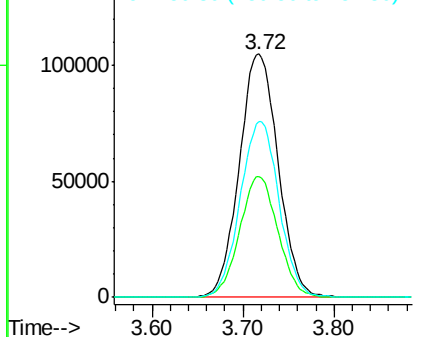
MMDadoda
9/17/2020 1:07:54 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 109.308 ug/l

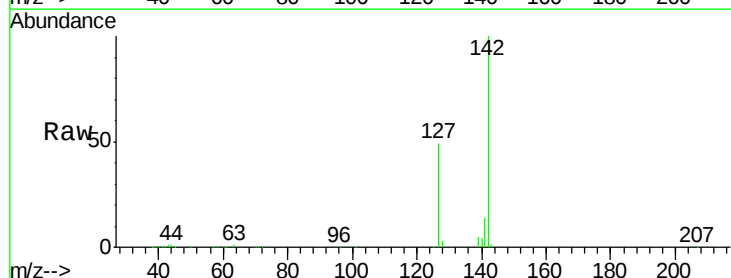
RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

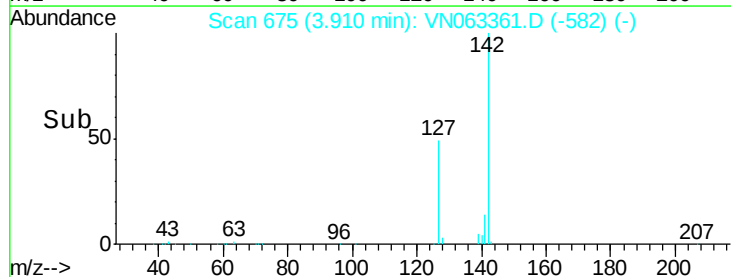
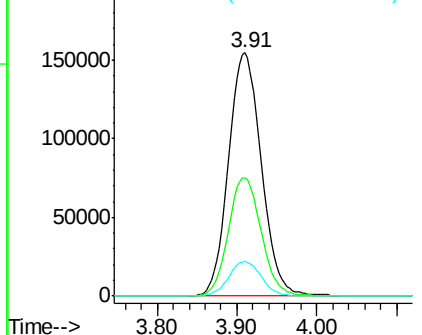
Tgt Ion:	142	Resp:	431049
Ion Ratio	Lower	Upper	
142	100		
127	48.7	39.0	58.6
141	14.2	11.6	17.4

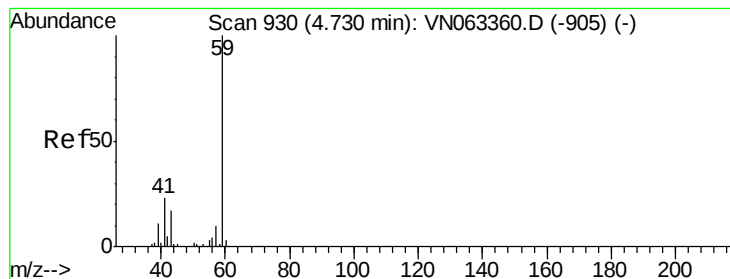


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

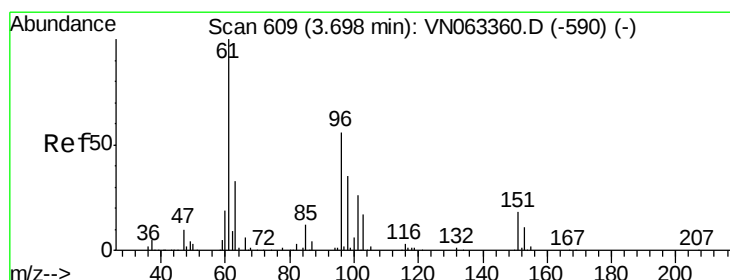
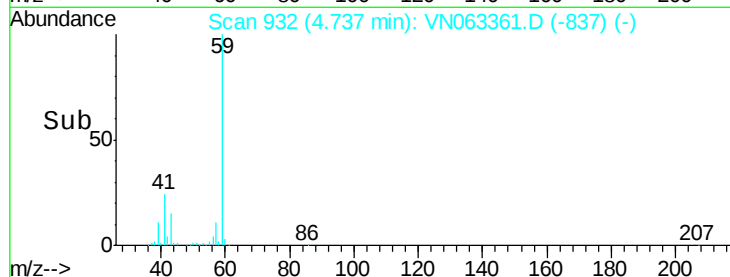
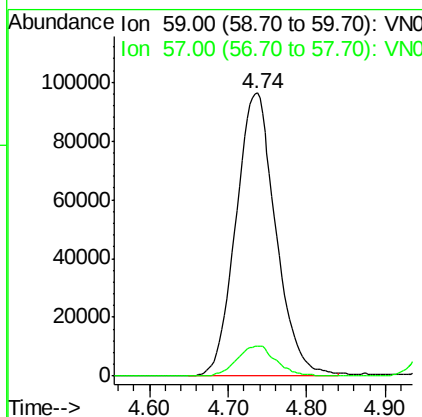
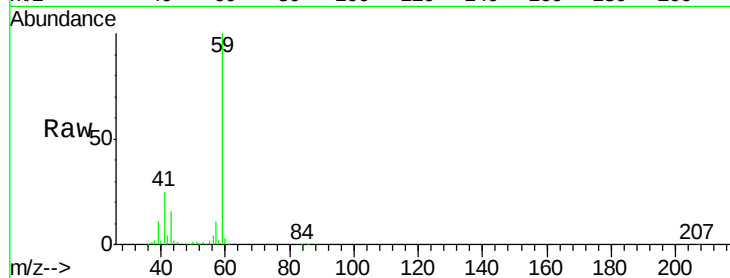
Tert butyl alcohol
Concen: 580.684 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

Manual Integrations
APPROVED

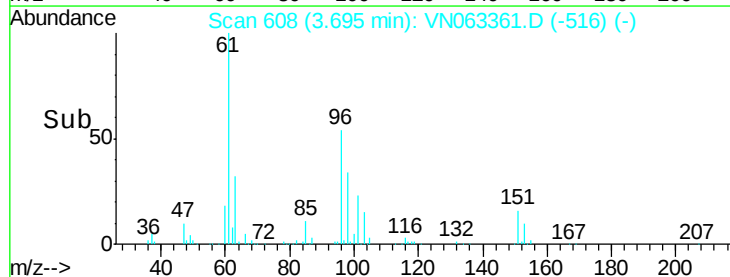
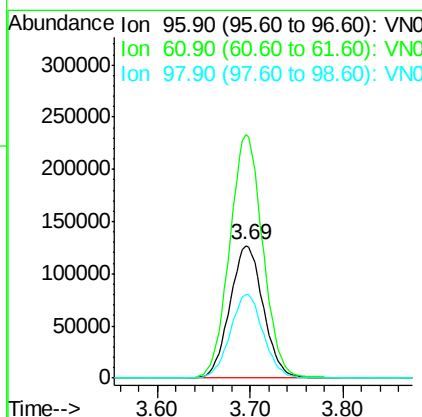
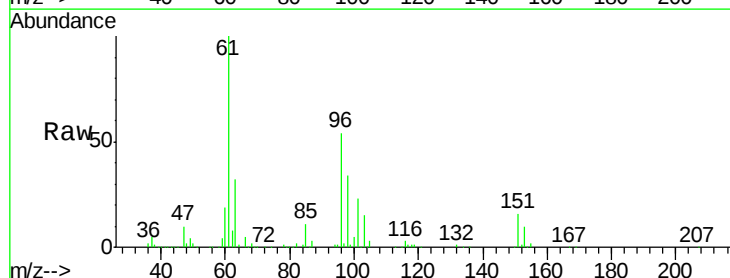
MMDadoda
9/17/2020 1:07:54 PM

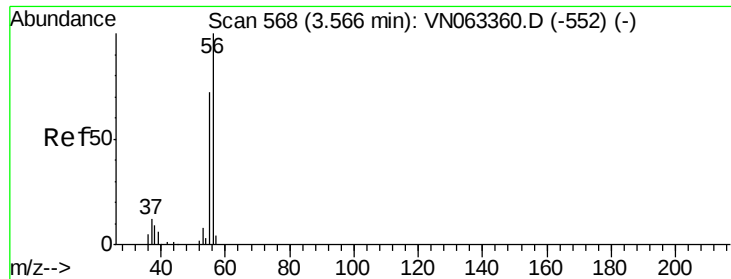


#12

1,1-Dichloroethene
Concen: 103.375 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.6	143.4	215.2
98	63.3	50.6	76.0





#13

Acrolein

Concen: 379.550 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 102662

Ion Ratio Lower Upper

56 100

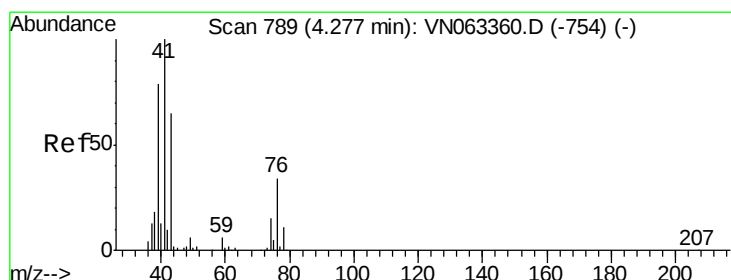
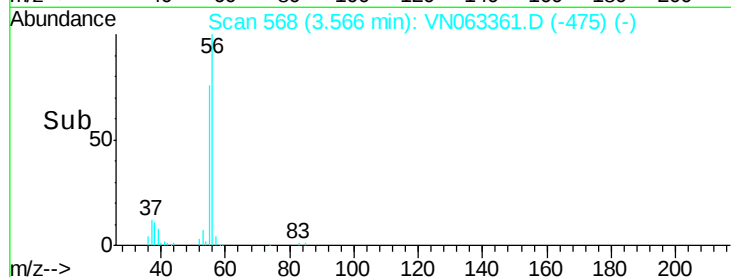
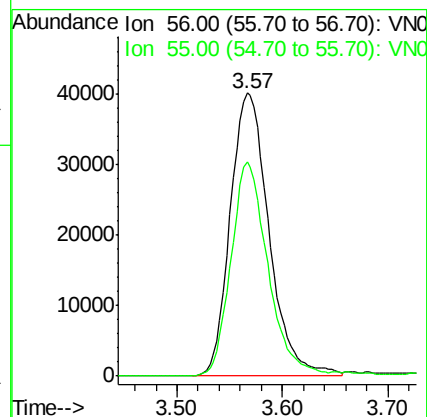
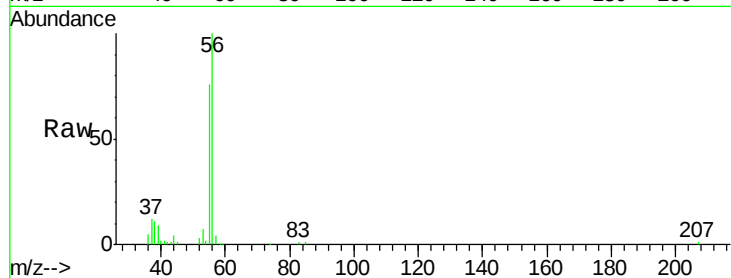
55 72.0 58.2 87.2

Manual Integrations

APPROVED

MMDadoda

9/17/2020 1:07:54 PM



#14

Allyl chloride

Concen: 101.029 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

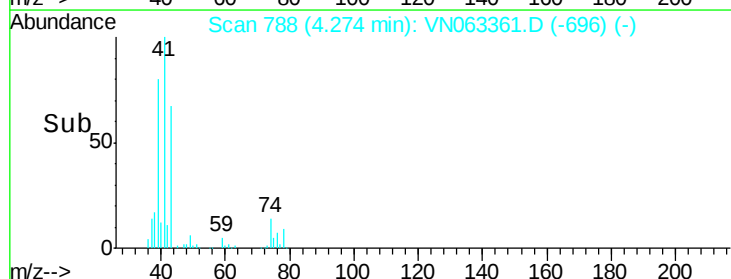
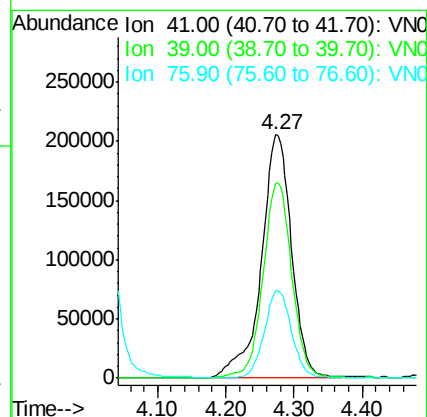
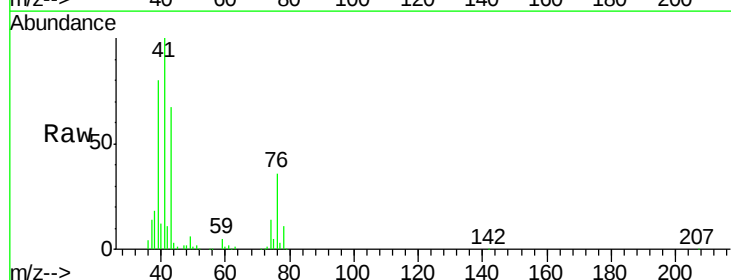
Tgt Ion: 41 Resp: 635361

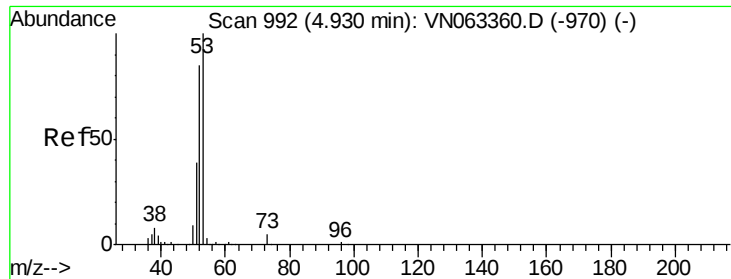
Ion Ratio Lower Upper

41 100

39 75.9 59.3 88.9

76 31.8 25.3 37.9





#15

Acrylonitrile

Concen: 541.077 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

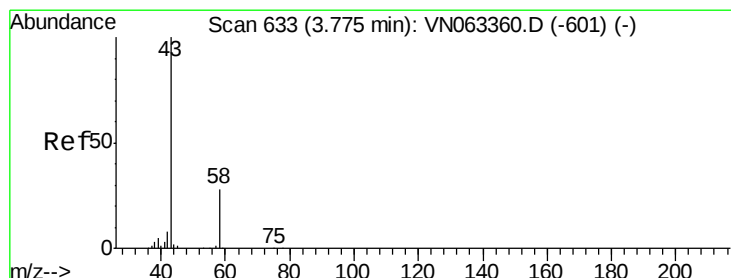
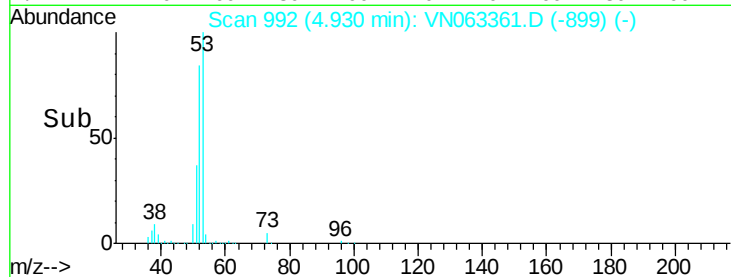
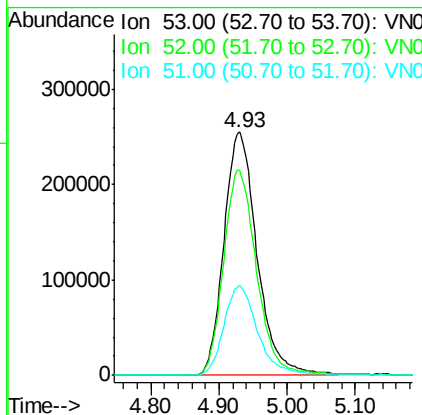
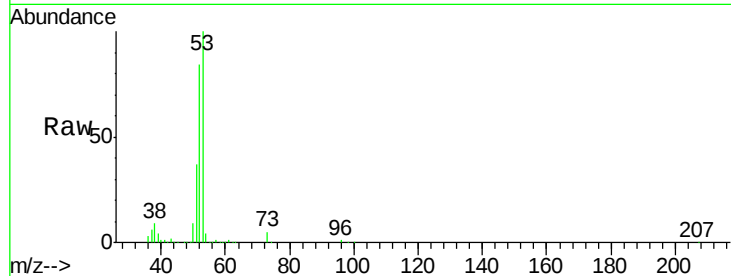
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	861272
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.4	99.6
51	37.7	30.2	45.4

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#16

Acetone

Concen: 489.143 ug/l

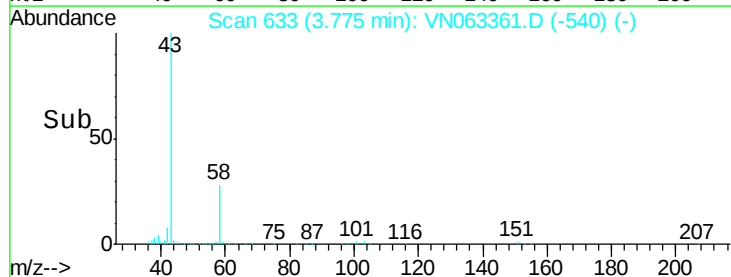
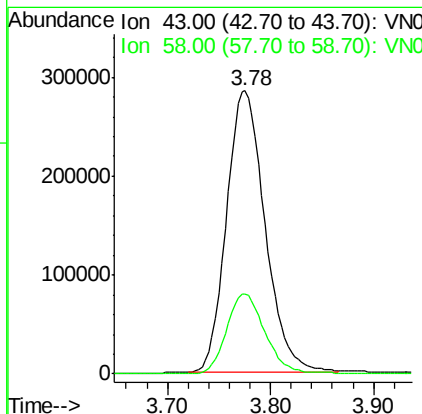
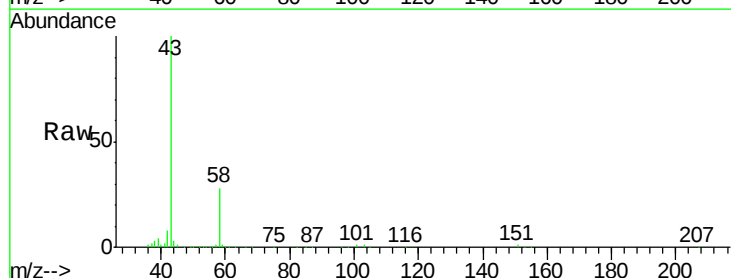
RT: 3.78 min Scan# 633

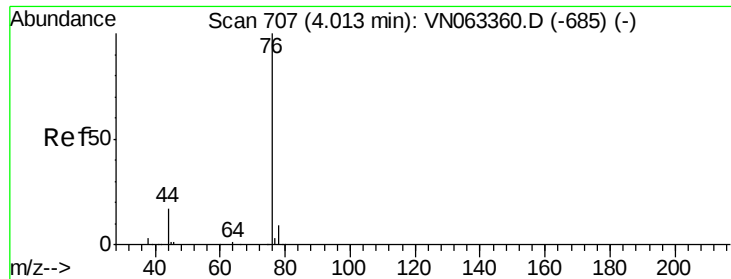
Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion:	43	Resp:	738586
Ion Ratio	Lower	Upper	
43	100		
58	28.5	22.3	33.5





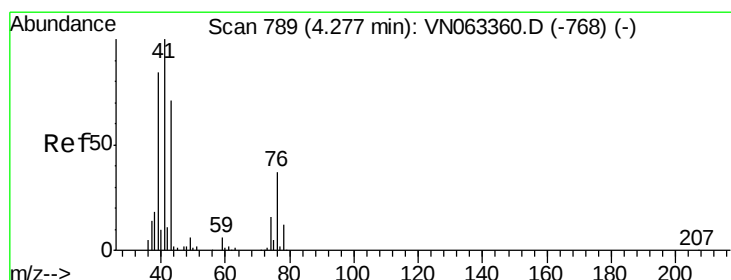
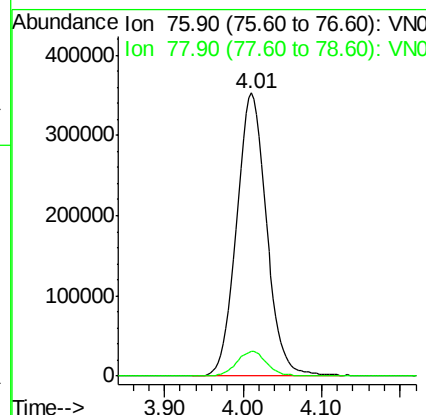
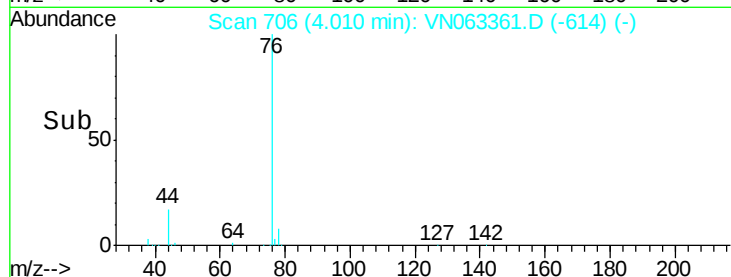
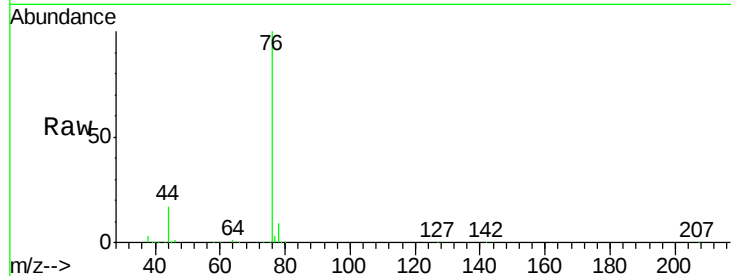
#17
Carbon Disulfide
Concen: 98.818 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 76 Resp: 937709
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

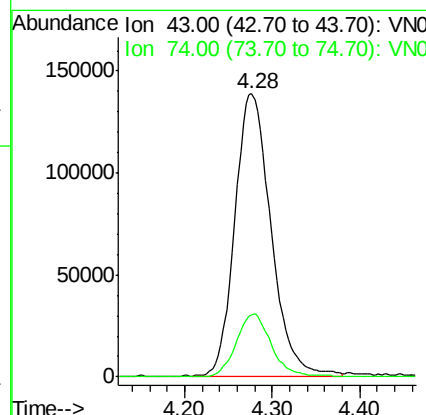
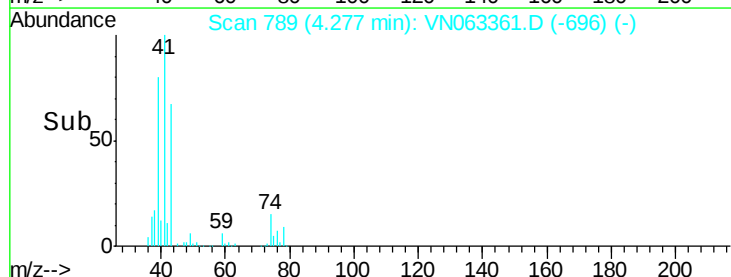
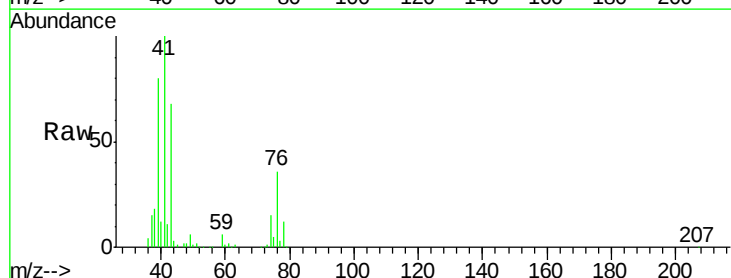
Manual Integrations
APPROVED

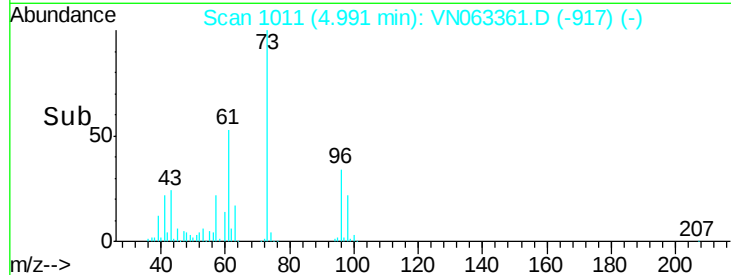
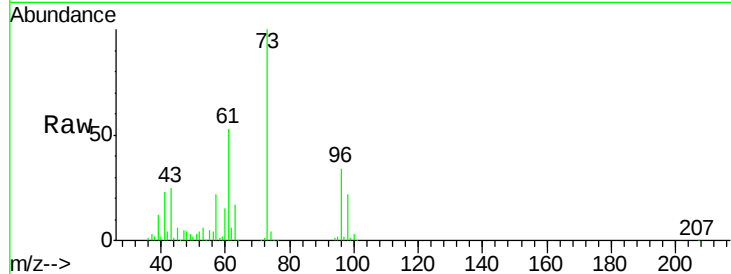
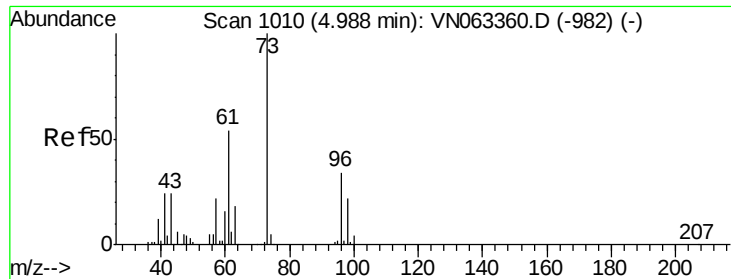
MMDadoda
9/17/2020 1:07:54 PM



#18
Methyl Acetate
Concen: 103.874 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 43 Resp: 395709
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.2





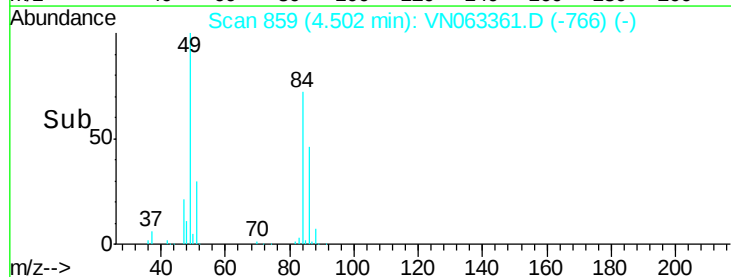
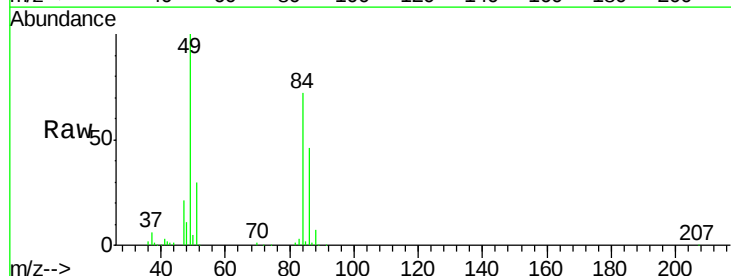
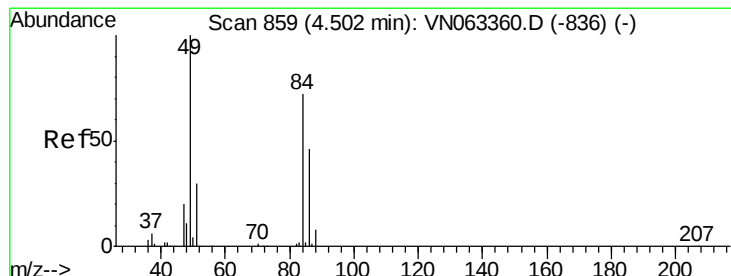
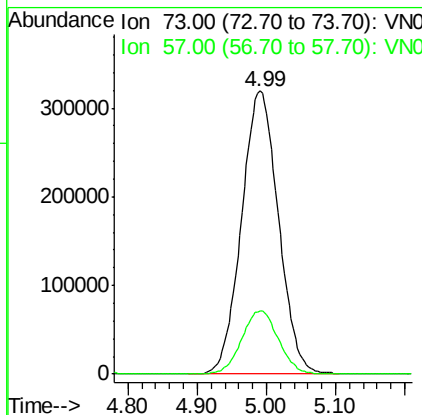
#19
Methvl tert-butvl Ether
Concen: 107.625 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tot Ion: 73 Resp: 1182163
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

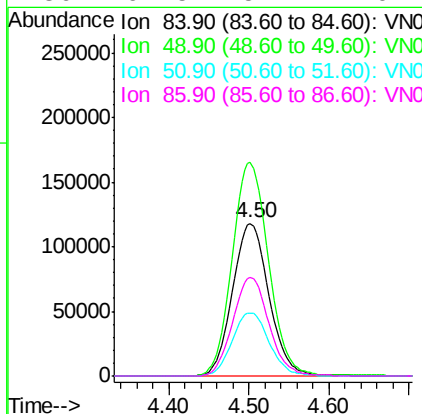
Manual Integrations
APPROVED

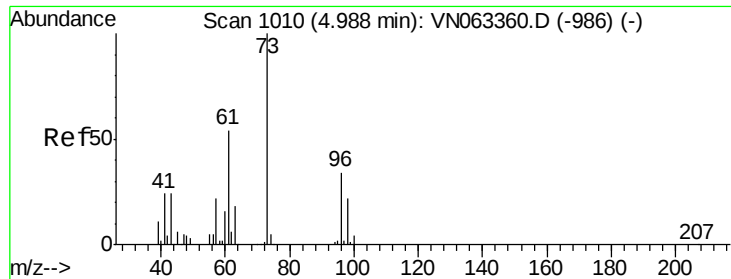
MMDadoda
9/17/2020 1:07:54 PM



#20
Methylene Chloride
Concen: 94.317 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 84 Resp: 364682
Ion Ratio Lower Upper
84 100
49 139.7 110.7 166.1
51 41.5 32.9 49.3
86 64.5 51.1 76.7





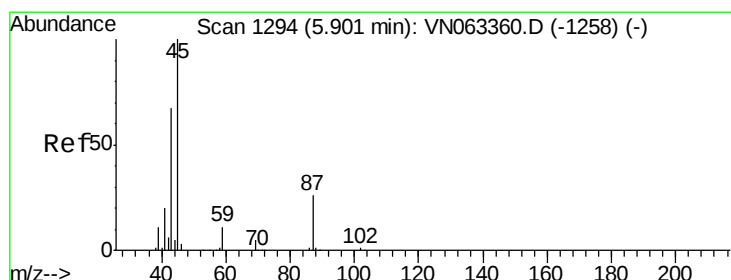
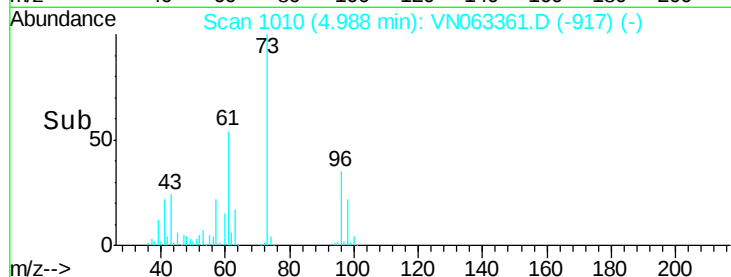
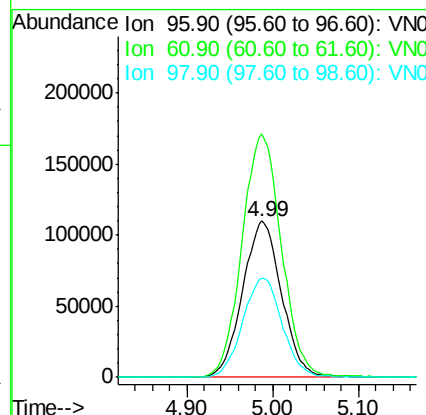
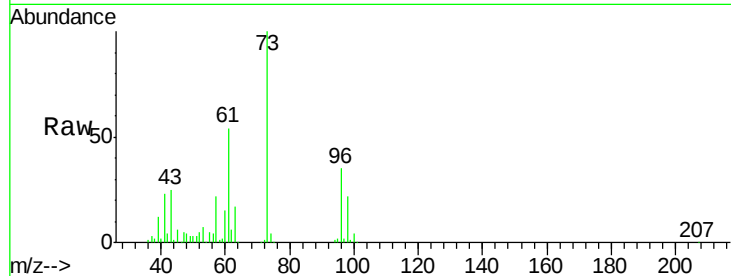
#21
trans-1,2-Dichloroethene
Concen: 100.931 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.1	126.2	189.4
98	63.7	51.0	76.4

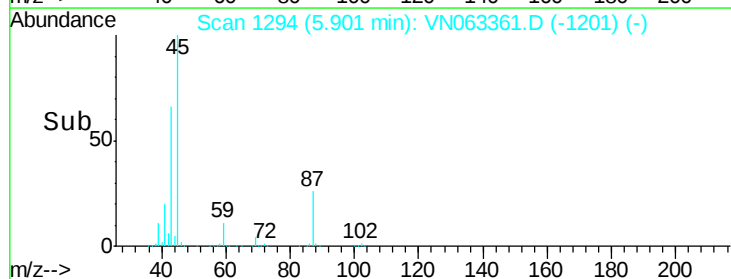
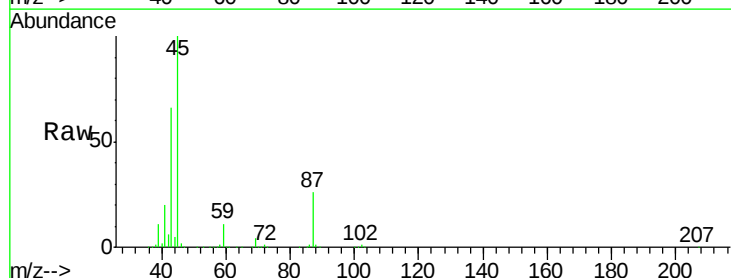
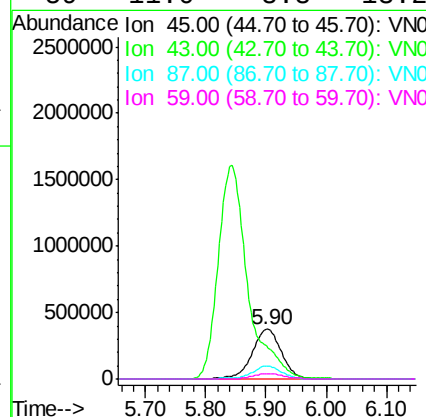
Manual Integrations
APPROVED

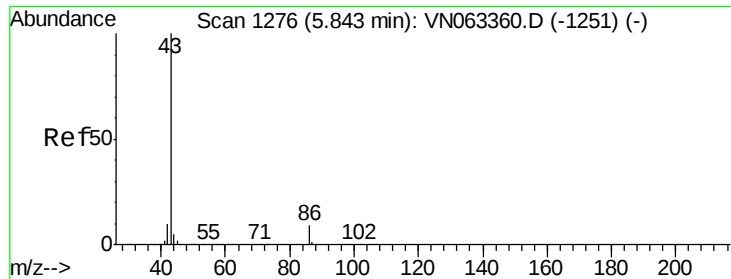
MMDadoda
9/17/2020 1:07:54 PM



#22
Diisopropyl ether
Concen: 104.055 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.1	53.5	80.3
87	25.9	21.2	31.8
59	11.0	8.8	13.2





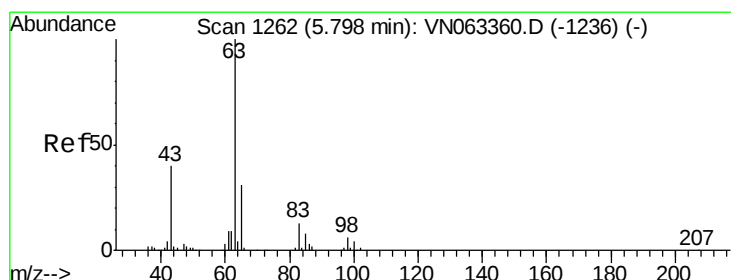
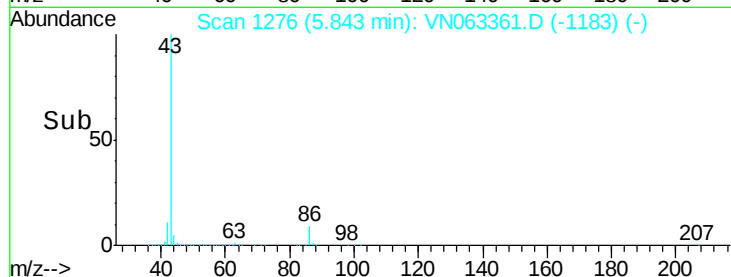
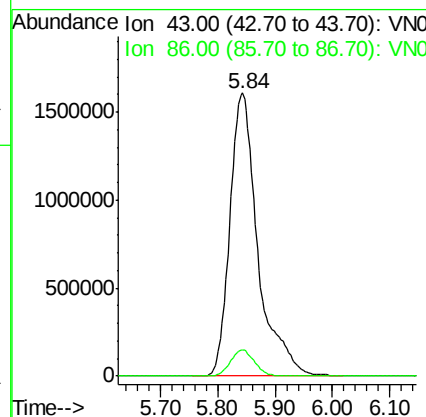
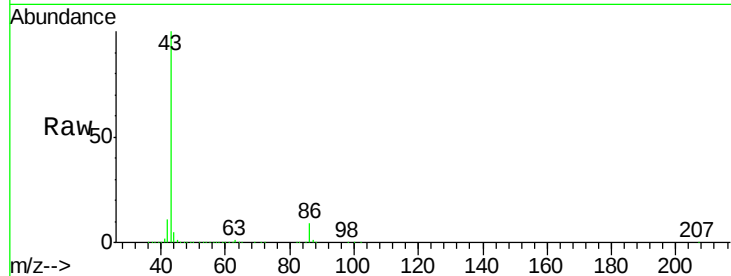
#23
 Vinyl Acetate
 Concen: 561.869 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 5467073
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7

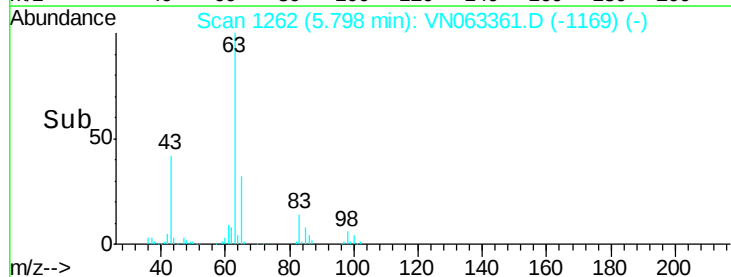
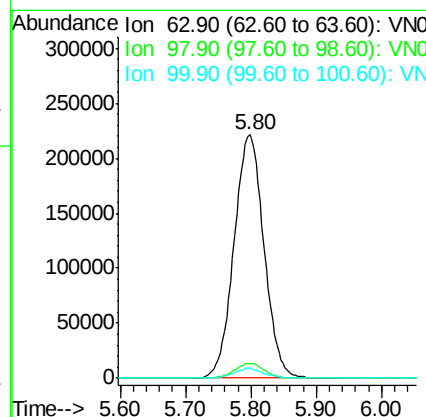
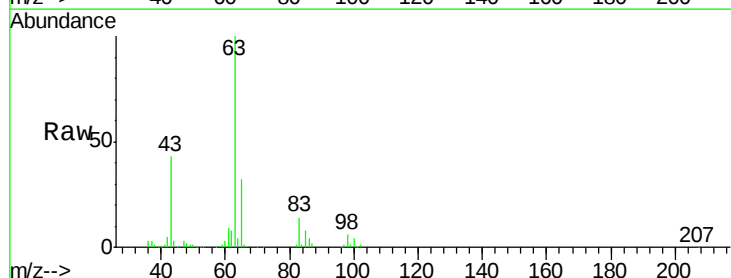
Manual Integrations
 APPROVED

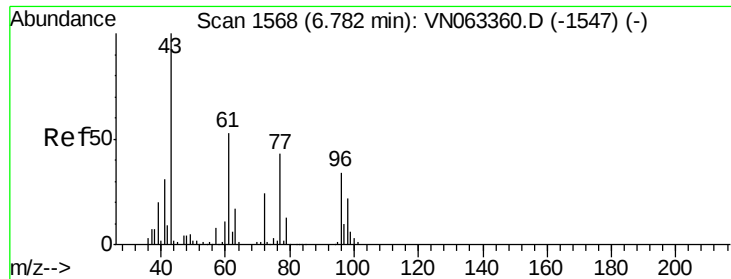
MMDadoda
 9/17/2020 1:07:54 PM



#24
 1,1-Dichloroethane
 Concen: 104.995 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion: 63 Resp: 705005
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 4.1 2.1 6.3





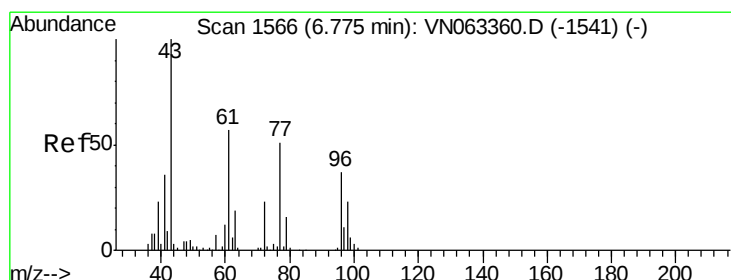
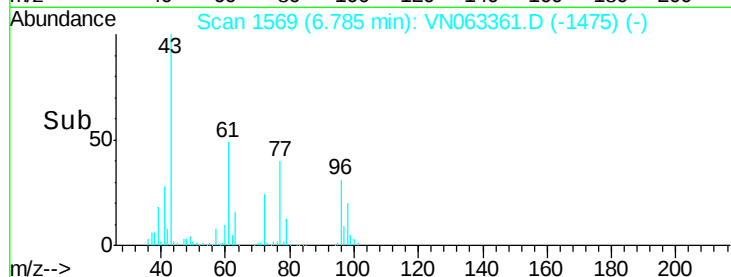
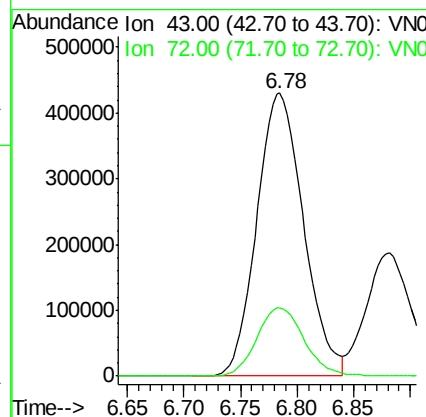
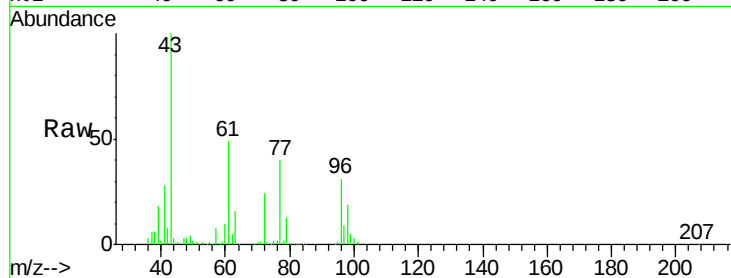
#25
2-Butanone
Concen: 549.002 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1229741
Ion Ratio Lower Upper
43 100
72 24.2 19.2 28.8

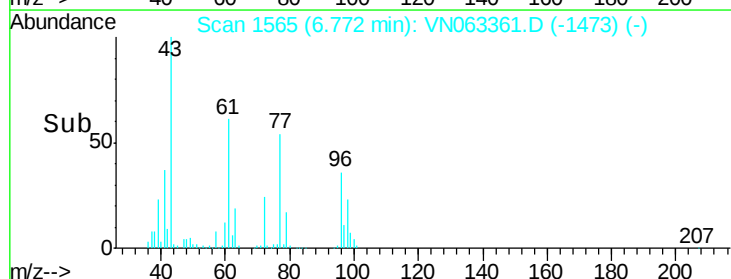
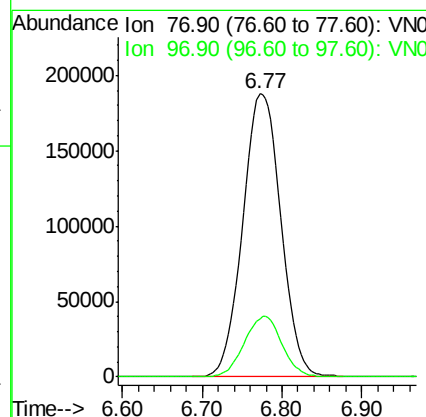
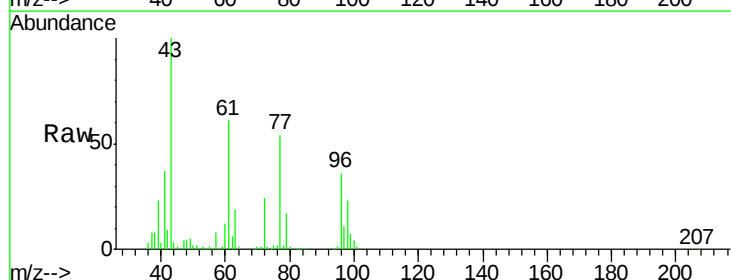
Manual Integrations
APPROVED

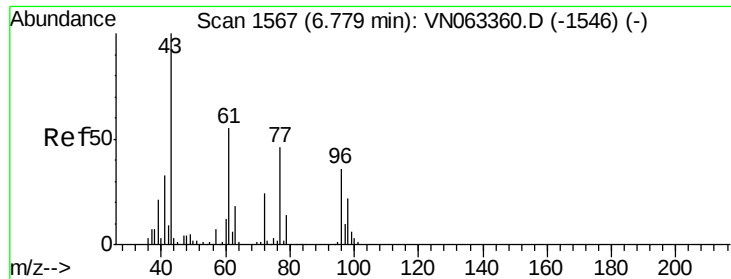
MMDadoda
9/17/2020 1:07:54 PM



#26
2,2-Dichloropropane
Concen: 103.387 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 77 Resp: 606822
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 100.449 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063361.D

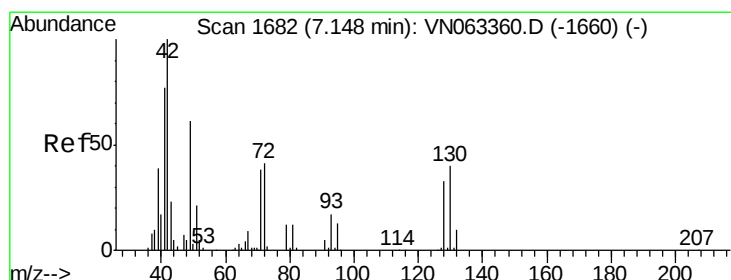
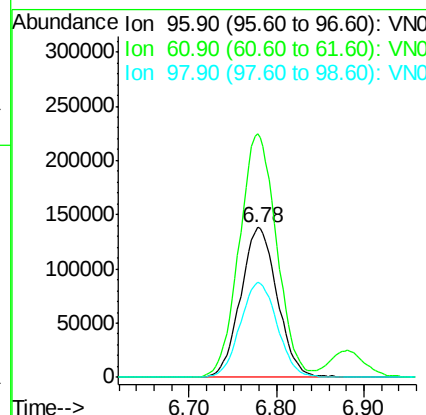
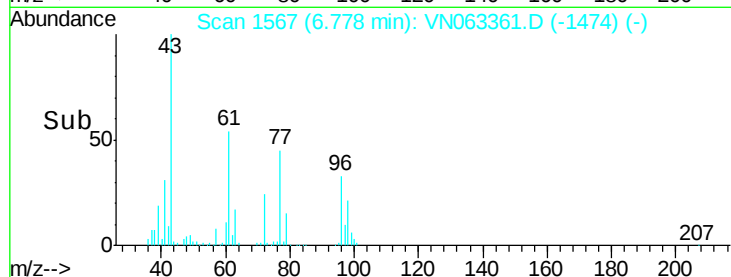
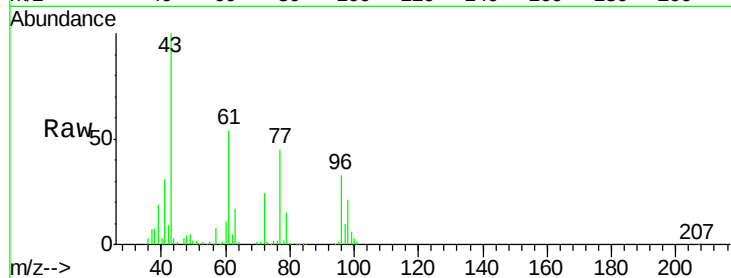
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	165.6	0.0	319.6	
98	64.1	0.0	127.8	

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#28

Bromochloromethane

Concen: 102.674 ug/l

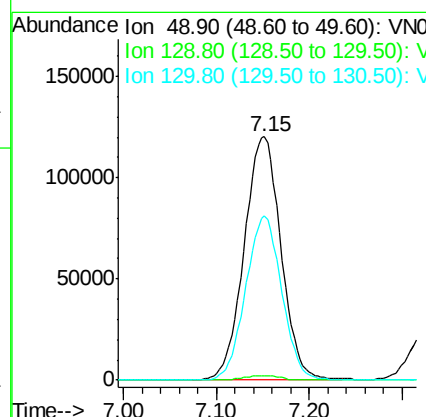
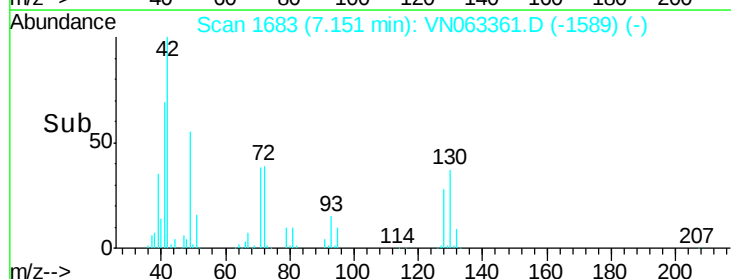
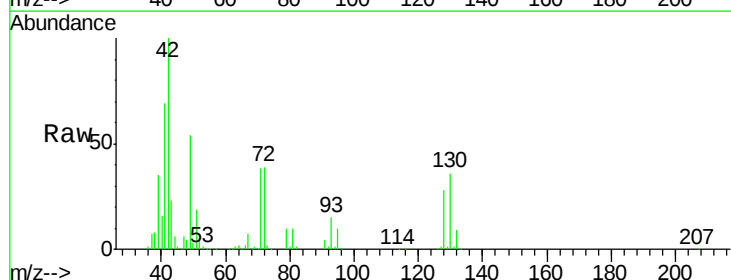
RT: 7.15 min Scan# 1683

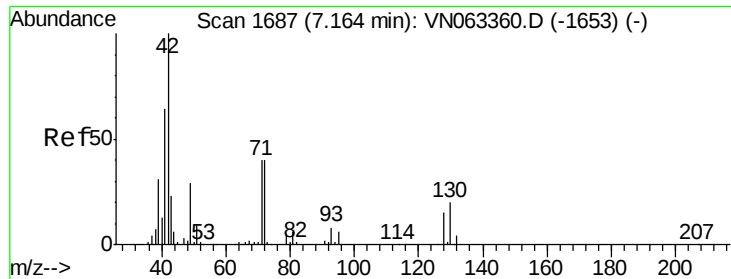
Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	3.8	
130	66.1	52.2	78.2	





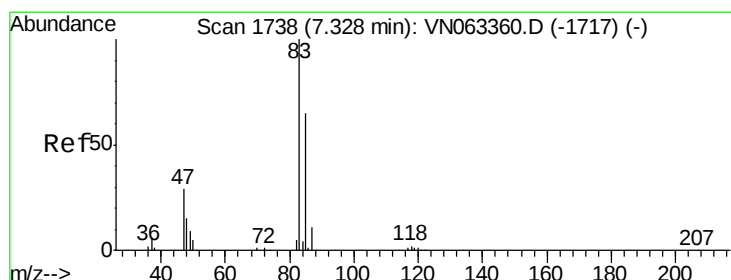
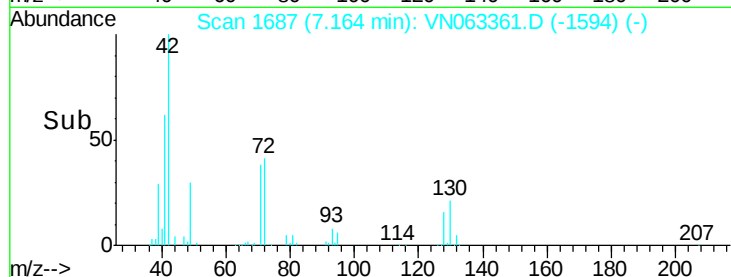
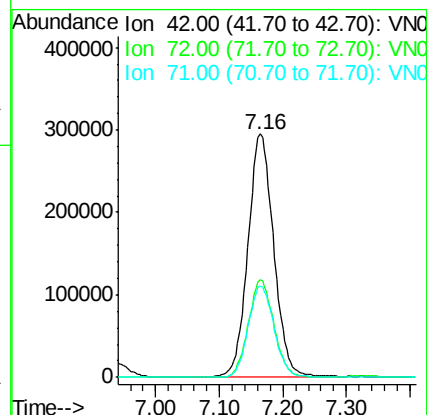
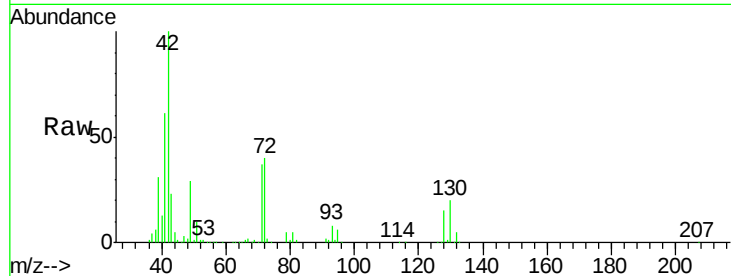
#29
Tetrahydrofuran
Concen: 569.163 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.1	48.1
71	37.4	31.2	46.8

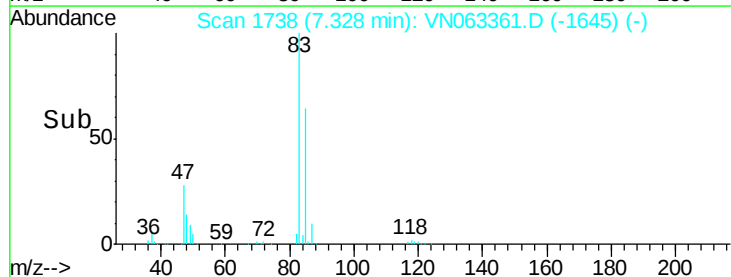
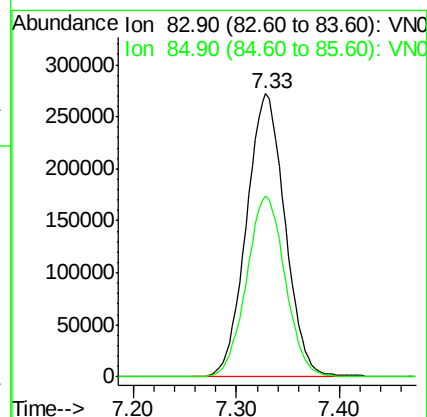
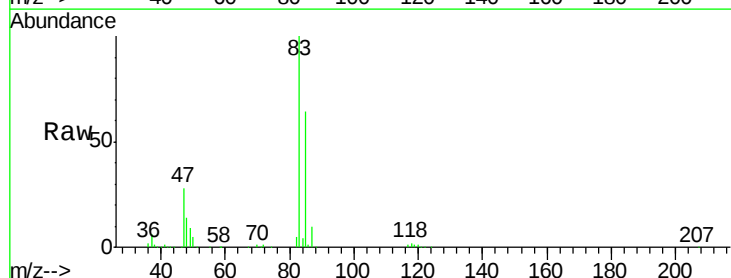
Manual Integrations
APPROVED

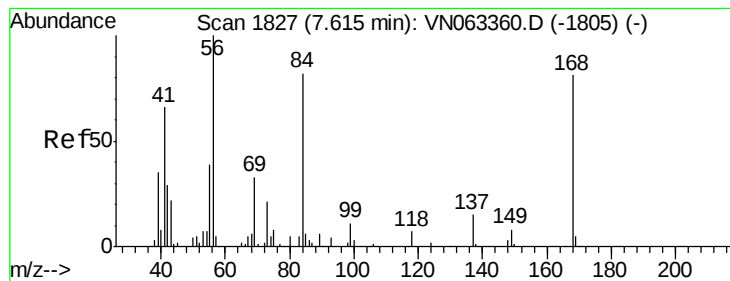
MMDadoda
9/17/2020 1:07:54 PM



#30
Chloroform
Concen: 105.429 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.1	78.1





#31

Cyclohexane

Concen: 99.999 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 56 Resp: 616818

Ion Ratio Lower Upper

56 100

69 30.1 26.1 39.1

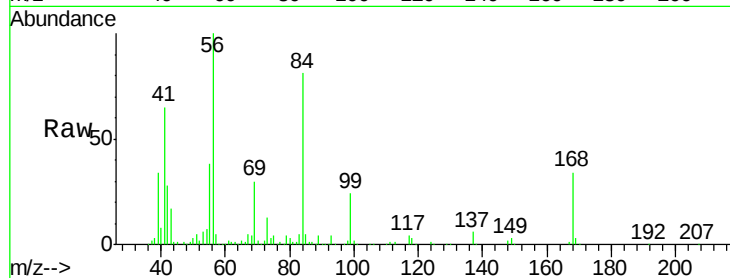
84 79.7 65.4 98.2

Manual Integrations

APPROVED

MMDadoda

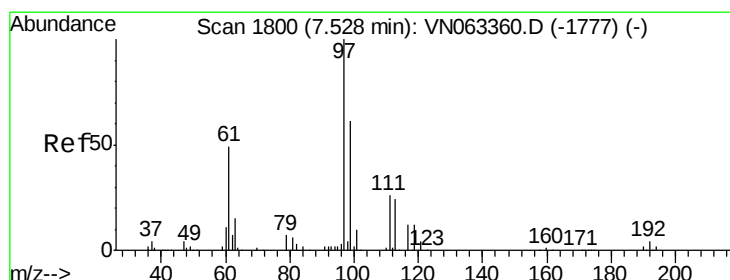
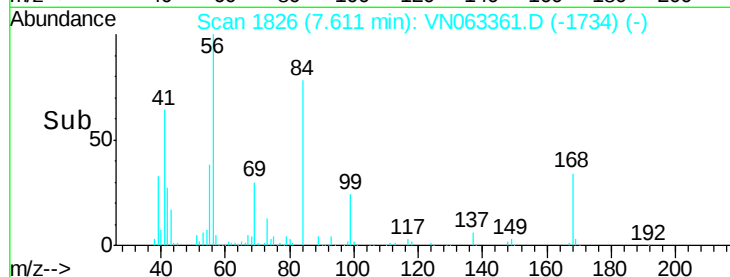
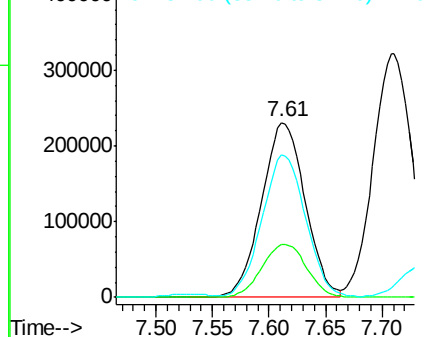
9/17/2020 1:07:54 PM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 107.625 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

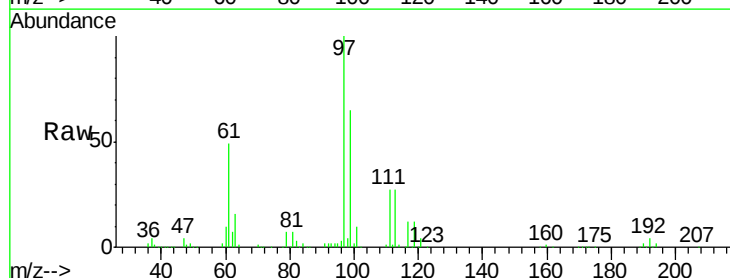
Tgt Ion: 97 Resp: 630753

Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

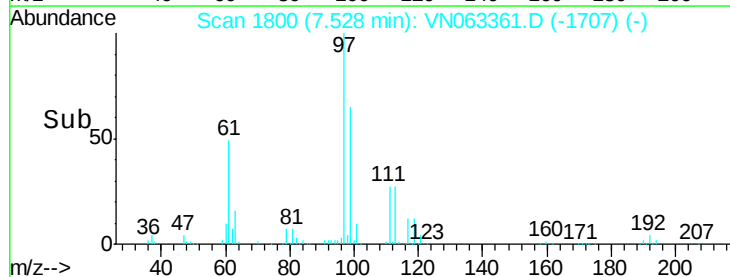
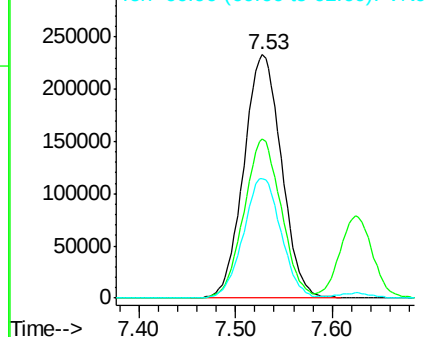
61 49.1 39.2 58.8

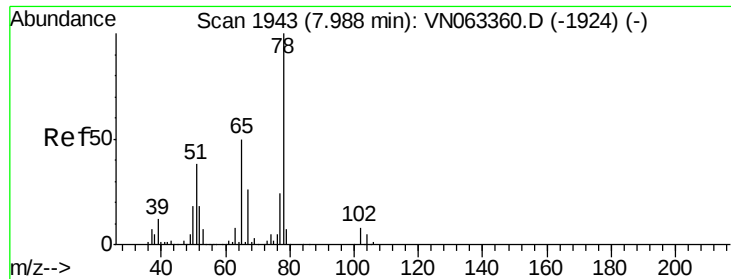


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 110.089 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 484660

Ion Ratio Lower Upper

65 100

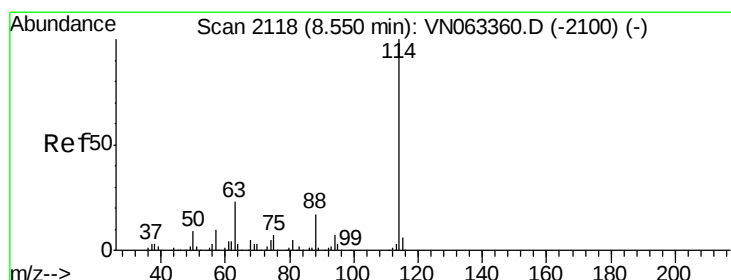
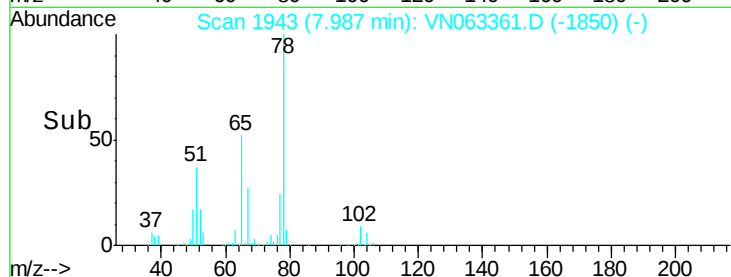
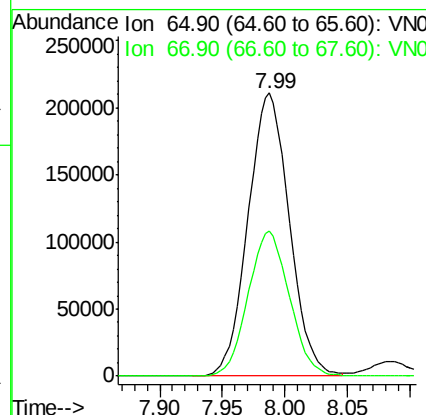
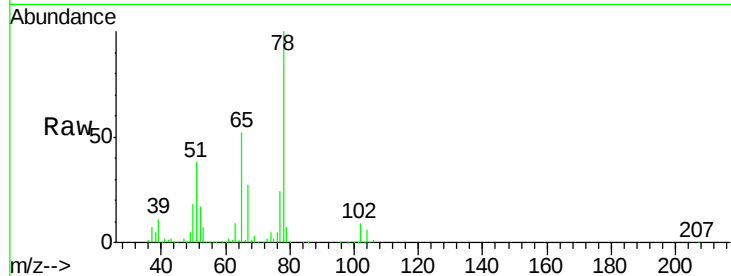
67 51.1 0.0 104.2

Manual Integrations

APPROVED

MMDadoda

9/17/2020 1:07:54 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

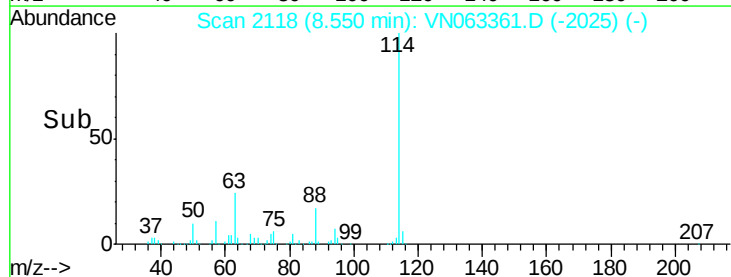
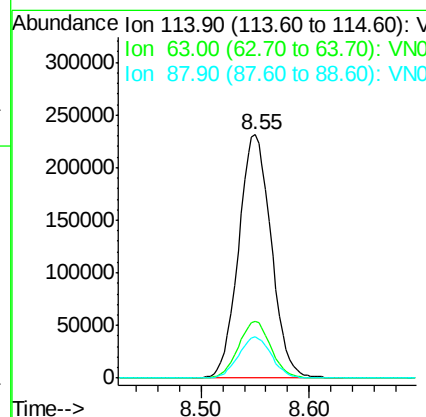
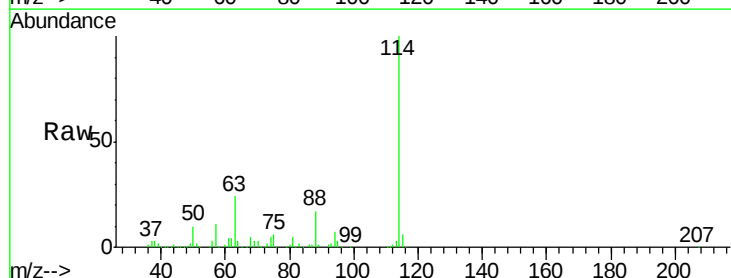
Tgt Ion: 114 Resp: 487111

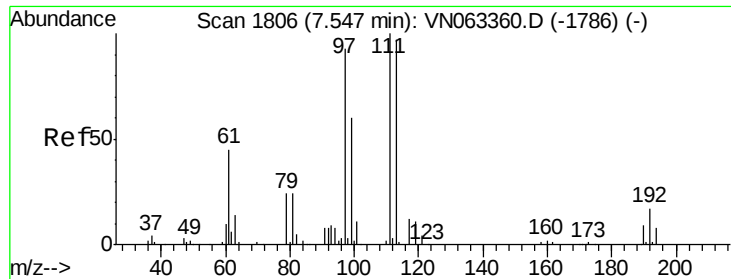
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.4

88 16.8 0.0 33.2





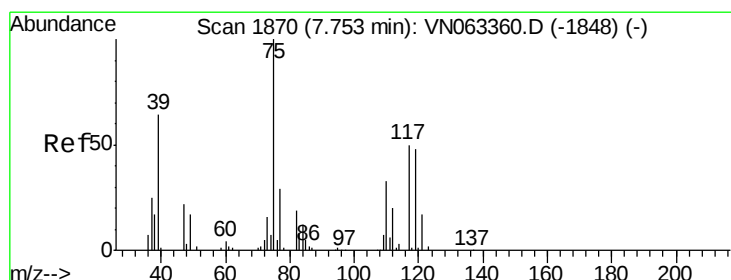
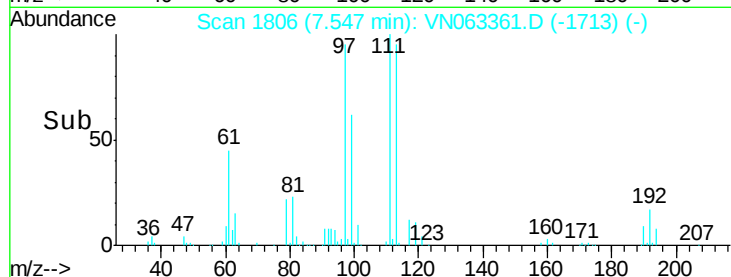
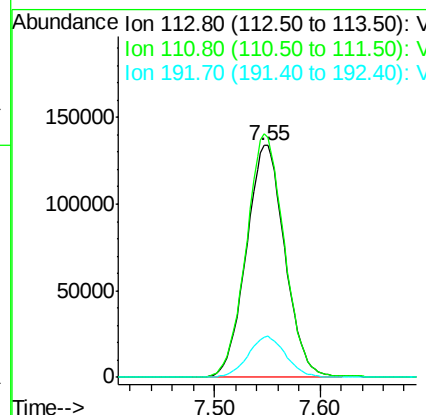
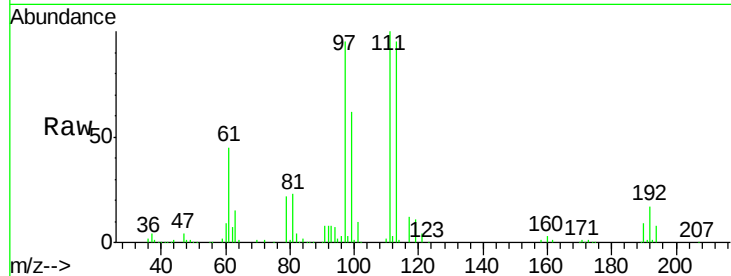
#35
 Dibromofluoromethane
 Concen: 107.881 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	340610		
111	103.6	82.9	124.3	
192	17.4	13.9	20.9	

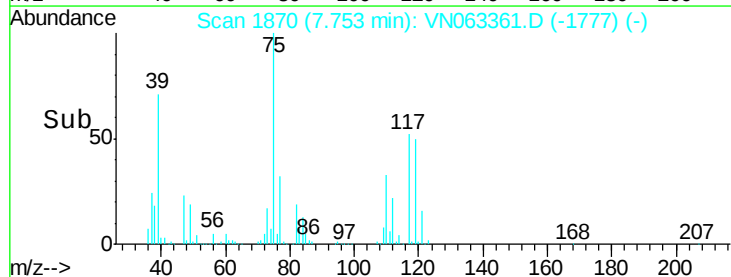
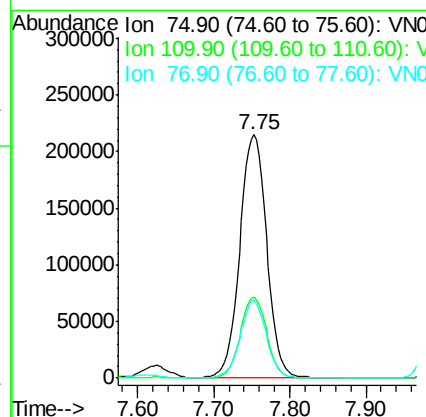
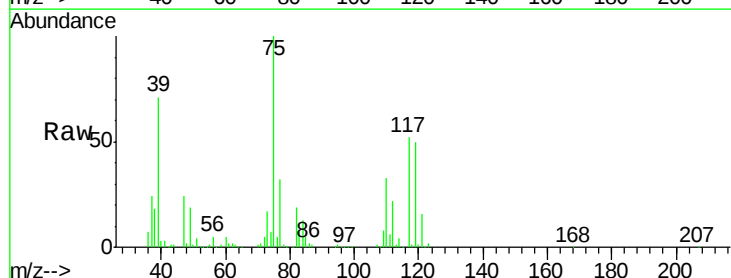
Manual Integrations
 APPROVED

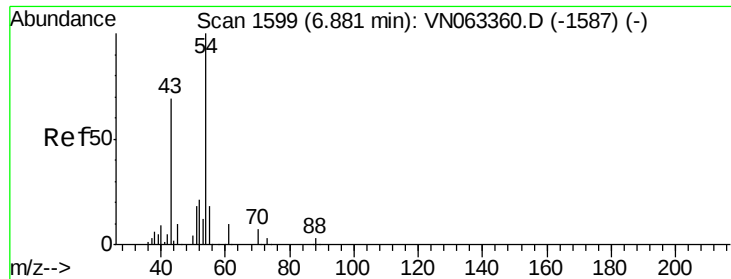
MMDadoda
 9/17/2020 1:07:54 PM



#36
 1,1-Dichloropropene
 Concen: 104.321 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	527006		
110	32.8	16.5	49.5	
77	31.2	24.6	36.8	





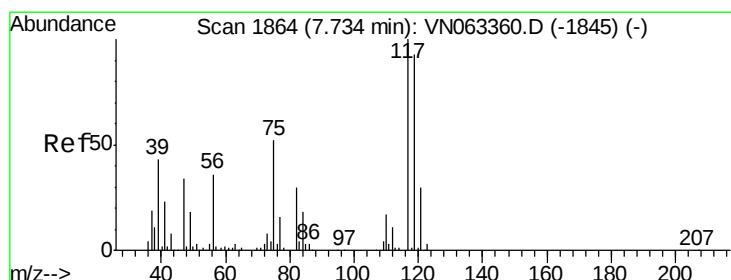
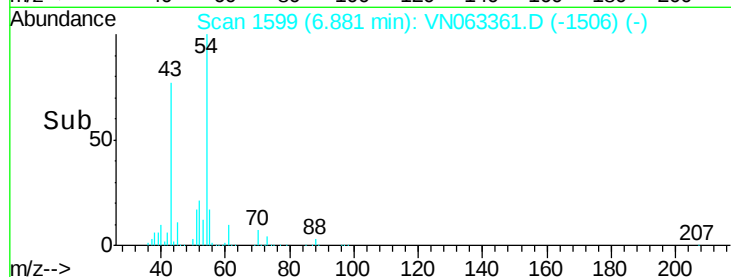
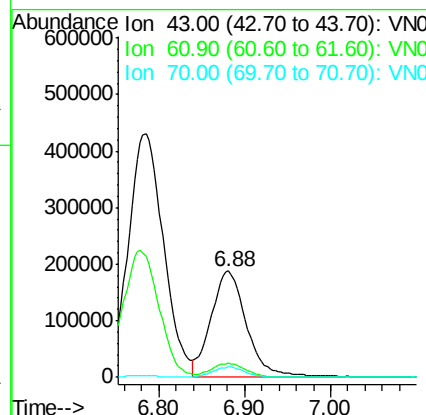
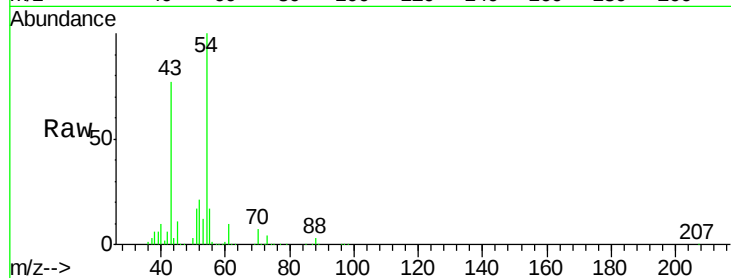
#37
Ethyl Acetate
Concen: 106.569 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	12.9	10.6	15.8	
70	9.4	7.2	10.8	

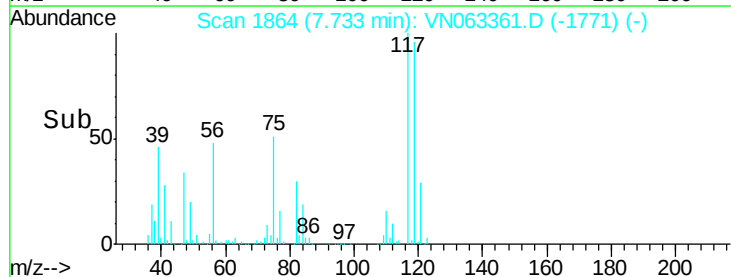
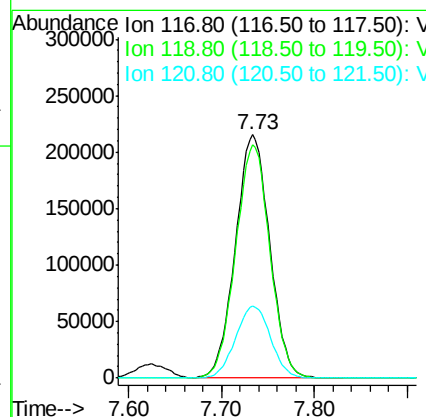
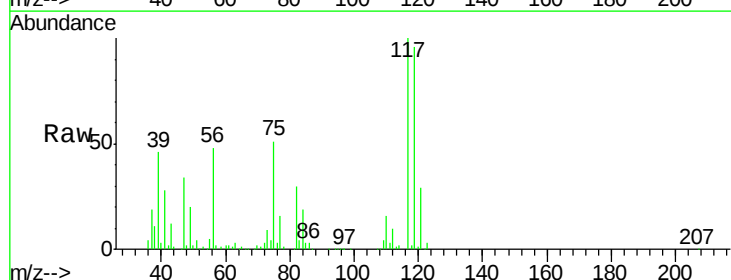
Manual Integrations
APPROVED

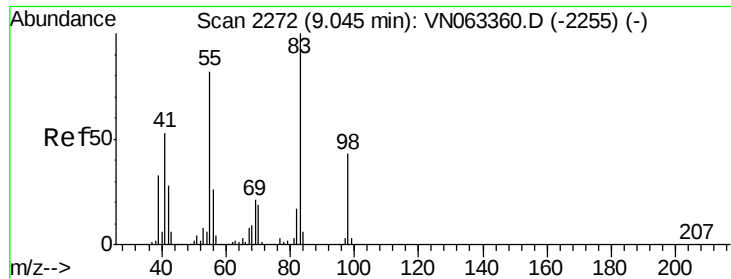
MMDadoda
9/17/2020 1:07:54 PM



#38
Carbon Tetrachloride
Concen: 109.967 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	74.5	111.7	
121	29.5	24.1	36.1	





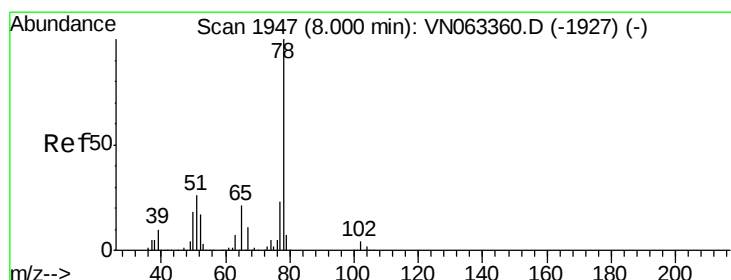
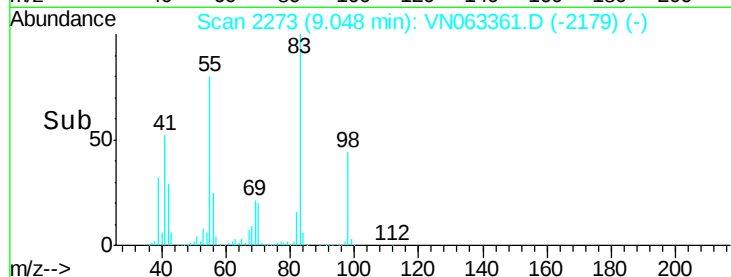
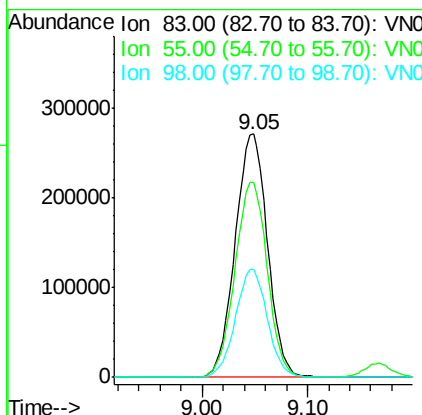
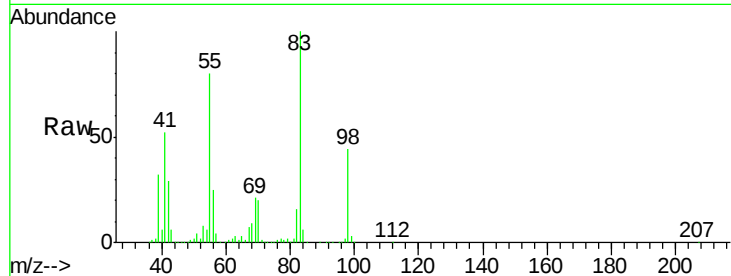
#39
Methvlcvclohexane
Concen: 105.105 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	578748		
55	80.3		65.5	98.3
98	44.5		34.2	51.4

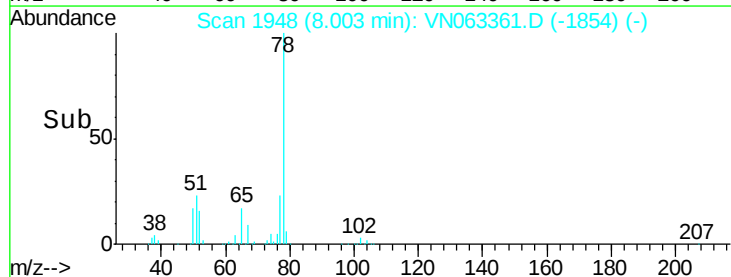
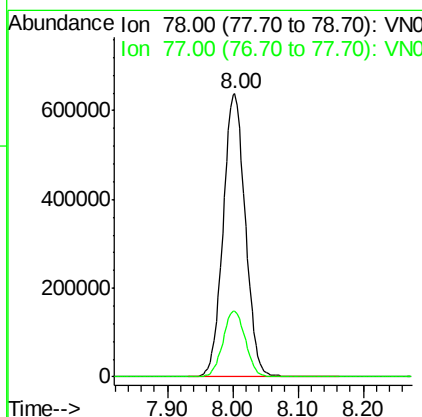
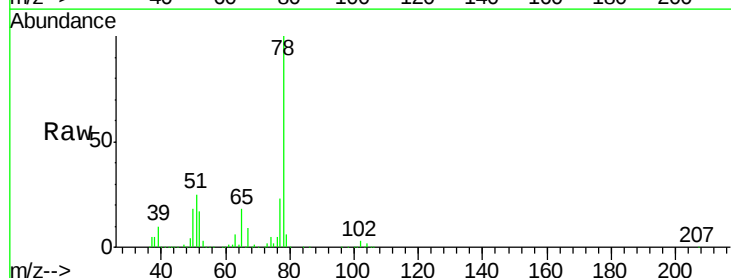
Manual Integrations
APPROVED

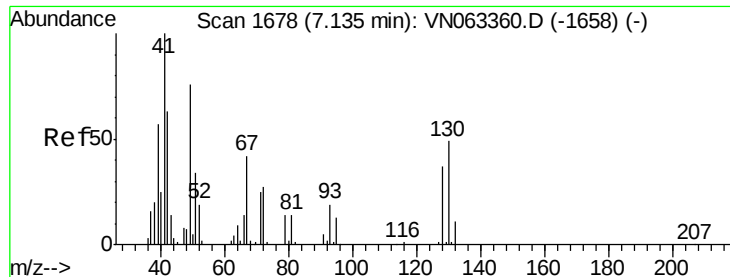
MMDadoda
9/17/2020 1:07:54 PM



#40
Benzene
Concen: 104.452 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1504591		
77	23.4		18.3	27.5





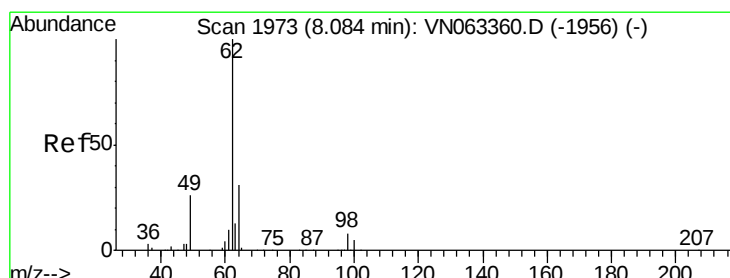
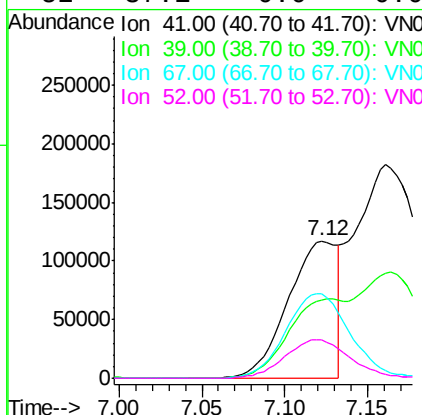
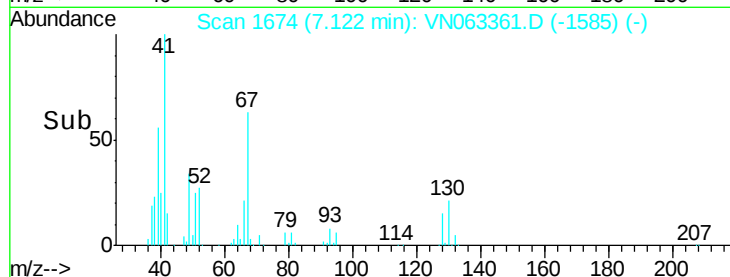
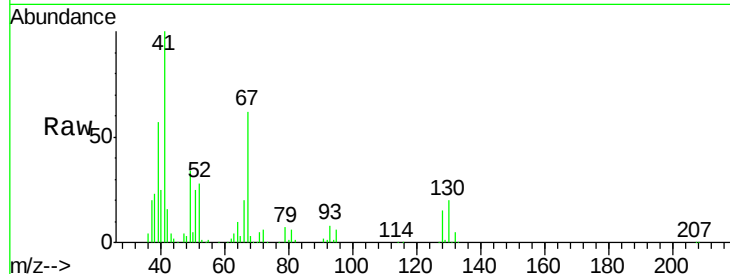
#41
Methacrylonitrile
Concen: 106.404 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	63.0	0.0	0.0#		
67	81.2	0.0	0.0#		
52	37.1	0.0	0.0#		

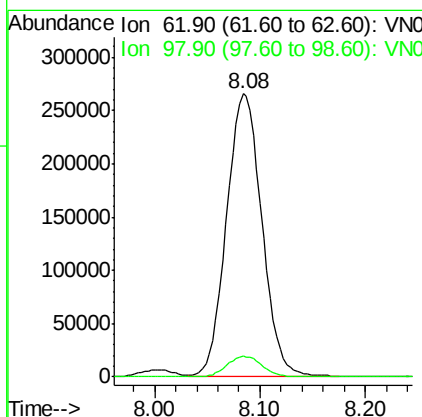
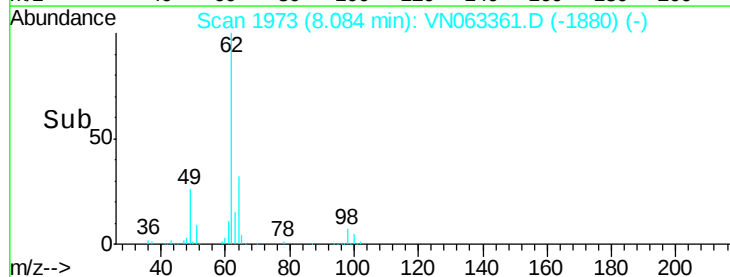
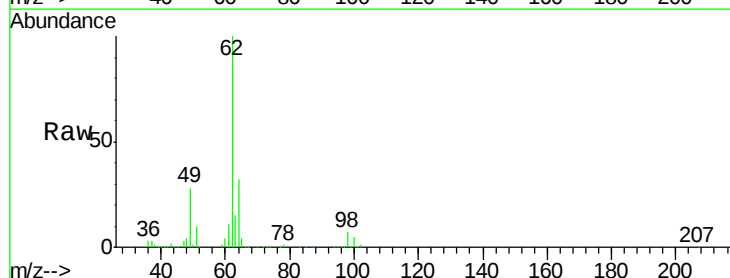
Manual Integrations
APPROVED

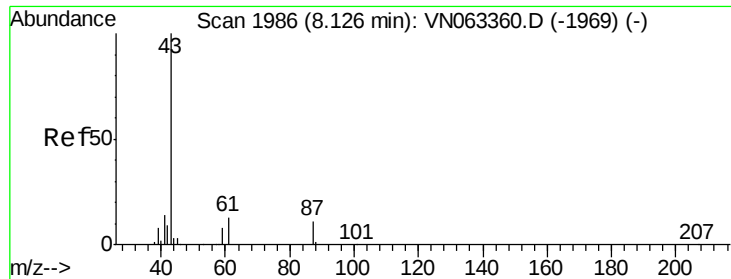
MMDadoda
9/17/2020 1:07:54 PM



#42
1,2-Dichloroethane
Concen: 111.455 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	7.3	0.0	15.6		





#43

Isopropyl Acetate

Concen: 110.558 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

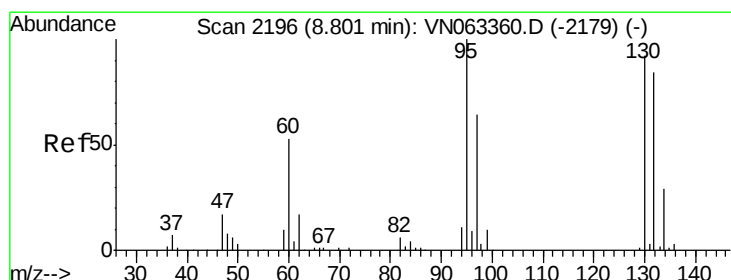
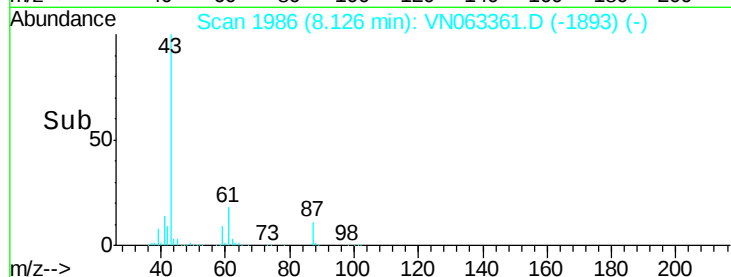
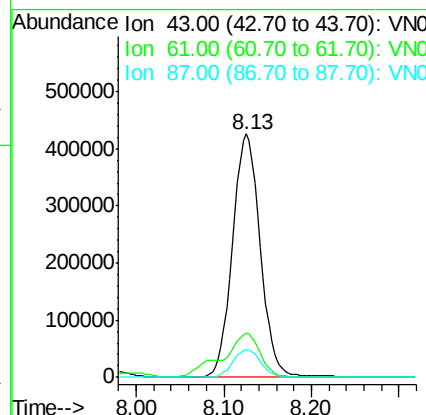
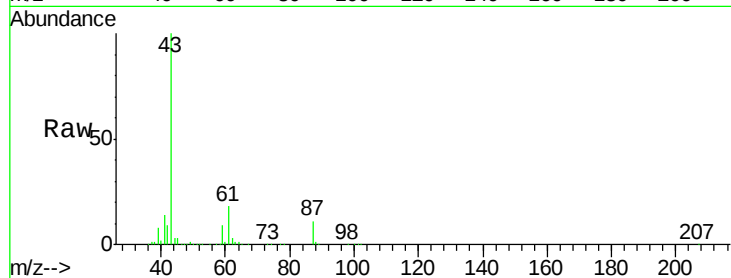
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	935279
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.2	21.2
87	11.5	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#44

Trichloroethene

Concen: 98.353 ug/l

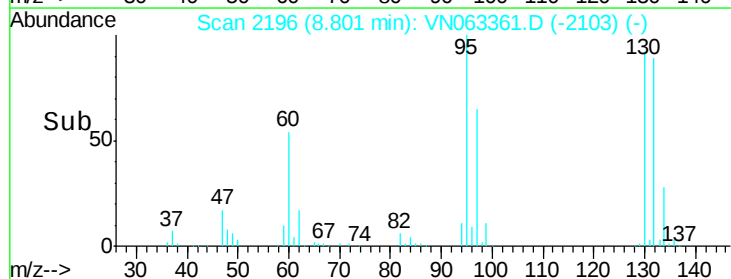
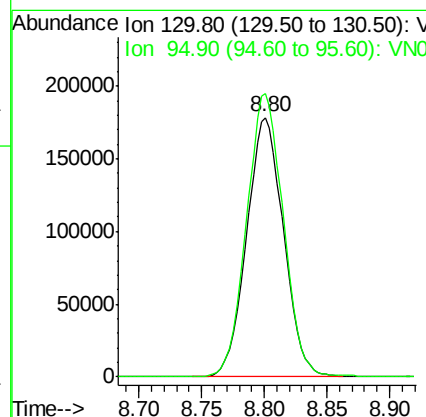
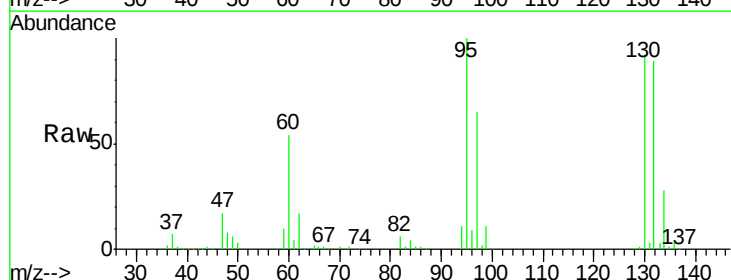
RT: 8.80 min Scan# 2196

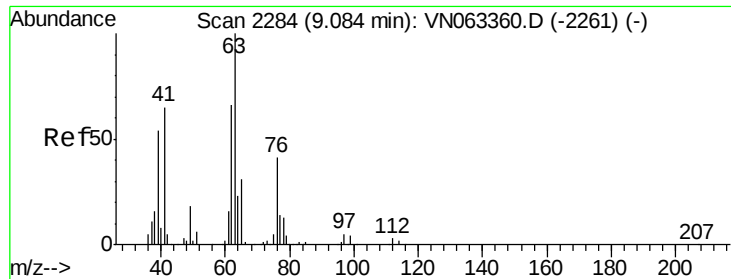
Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion:	130	Resp:	364959
Ion	Ratio	Lower	Upper
130	100		
95	109.2	0.0	217.4





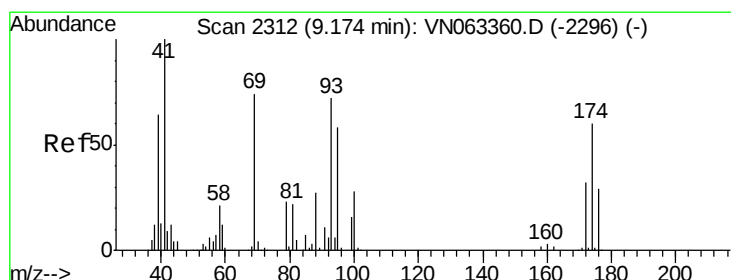
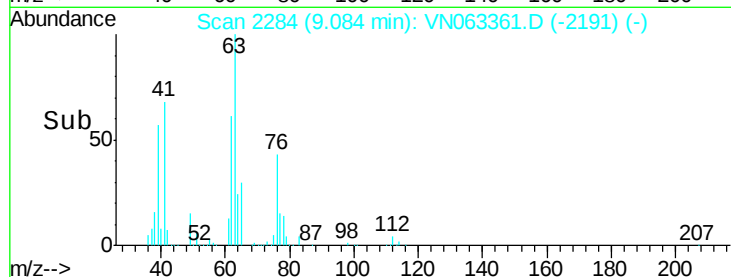
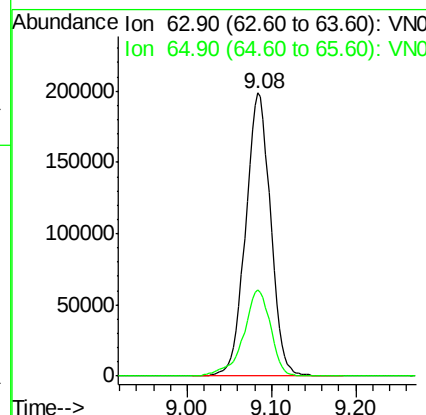
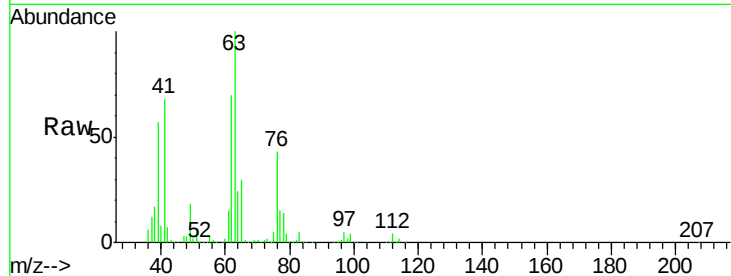
#45
 1,2-Dichloropropane
 Concen: 103.926 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 411032
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6

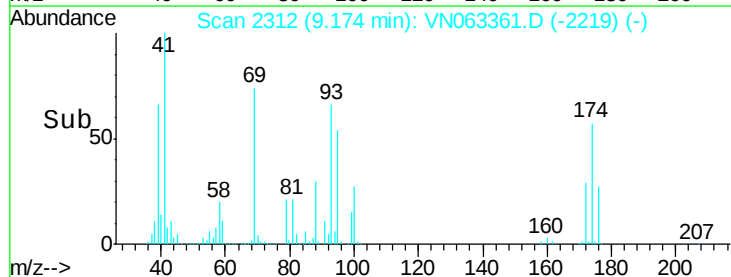
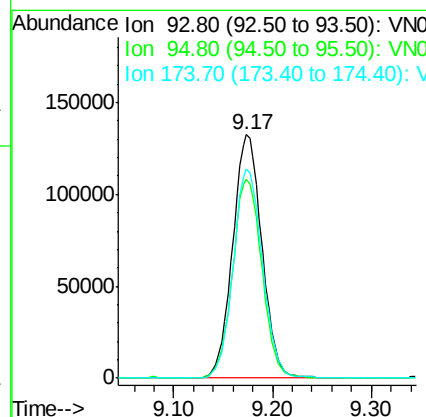
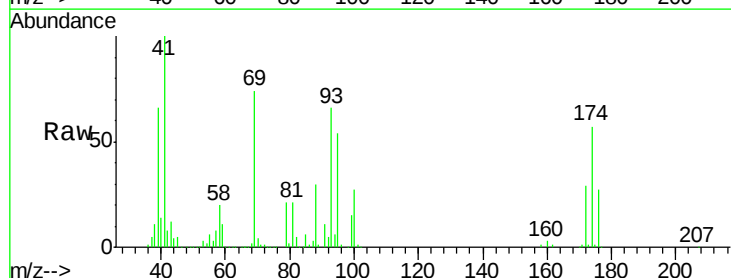
Manual Integrations
 APPROVED

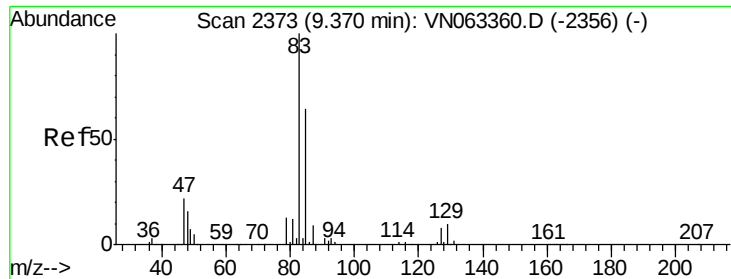
MMDadoda
 9/17/2020 1:07:54 PM



#46
 Dibromomethane
 Concen: 106.333 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion: 93 Resp: 274126
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.6 98.4
 174 85.7 68.1 102.1





#47

Bromodichloromethane

Concen: 108.228 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

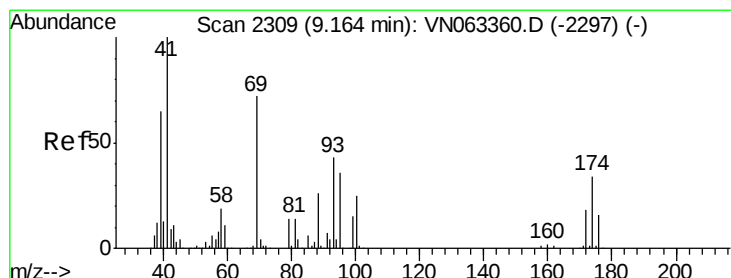
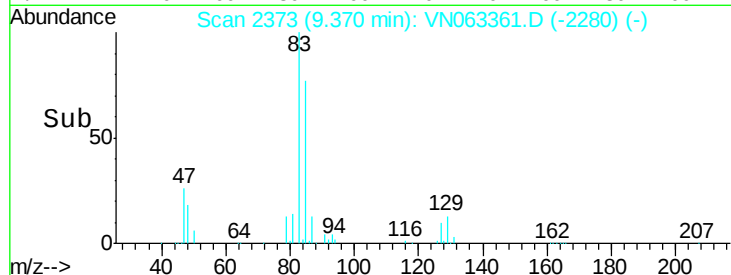
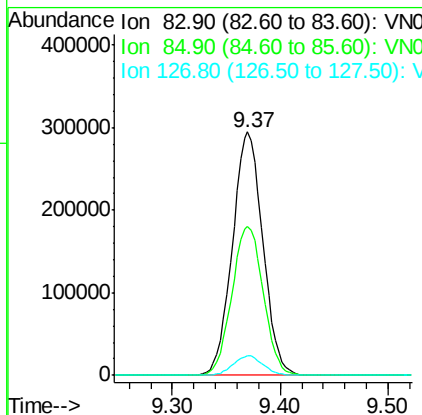
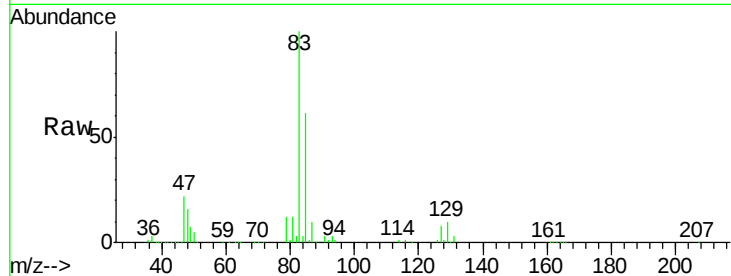
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	579385
Ion Ratio	Lower	Upper	
83	100		
85	61.3	51.0	76.6
127	8.1	6.3	9.5

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#48

Methyl methacrylate

Concen: 111.489 ug/l

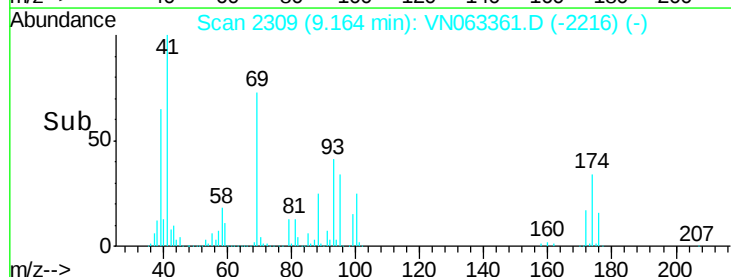
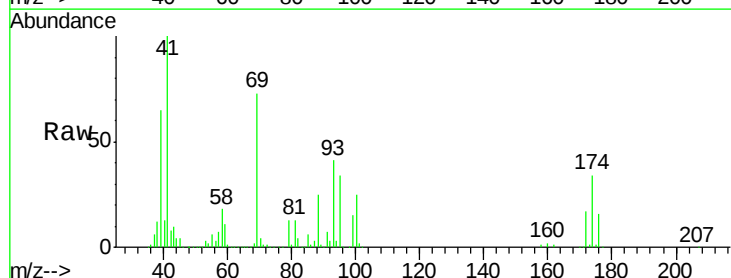
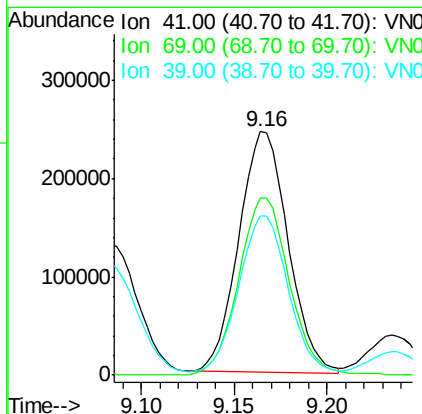
RT: 9.16 min Scan# 2309

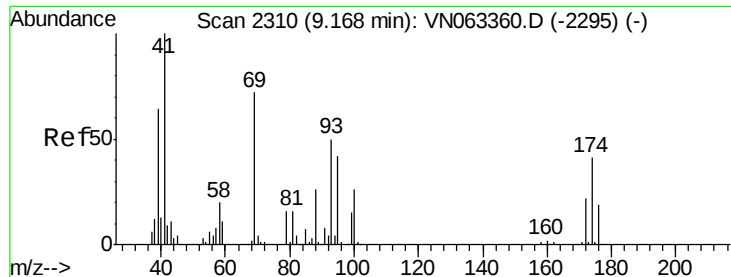
Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion:	41	Resp:	453208
Ion Ratio	Lower	Upper	
41	100		
69	75.8	59.3	88.9
39	67.4	52.9	79.3





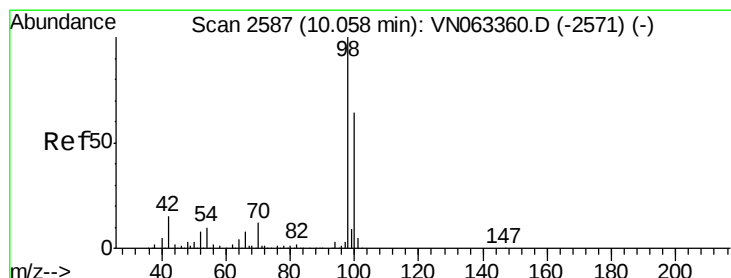
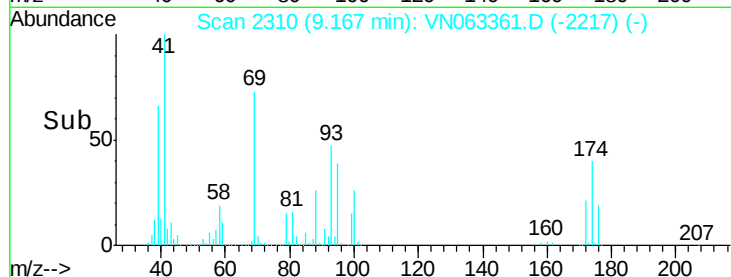
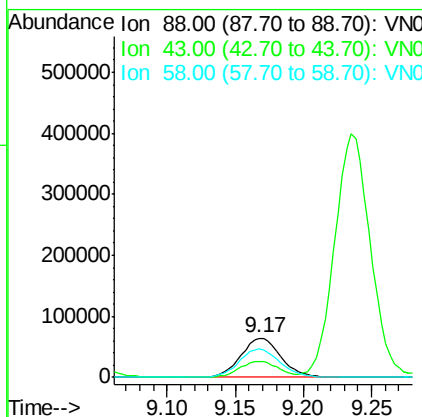
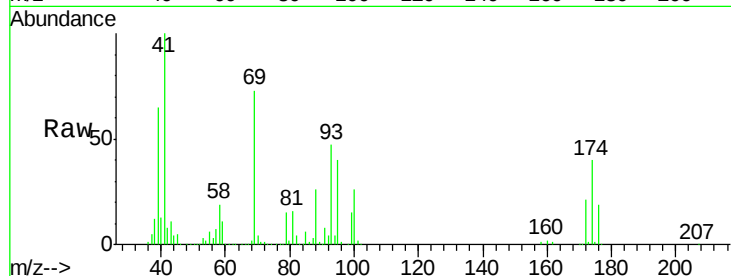
#49
1,4-Dioxane
Concen: 2076.653 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	39.5	32.6	49.0	
58	74.0	60.0	90.0	

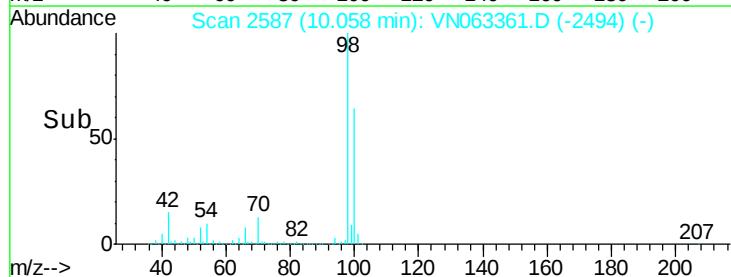
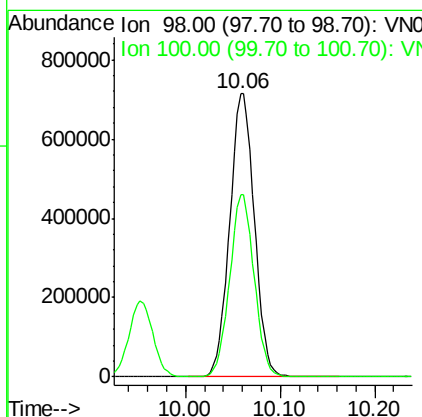
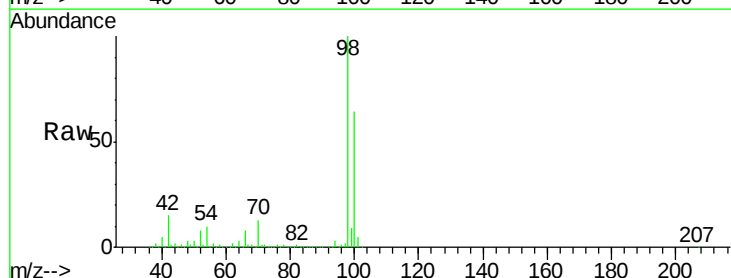
Manual Integrations
APPROVED

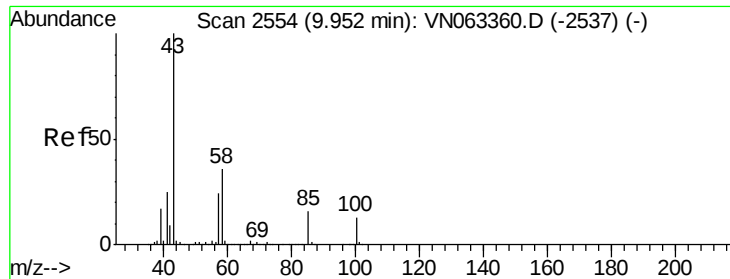
MMDadoda
9/17/2020 1:07:54 PM



#50
Toluene-d8
Concen: 107.162 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.5	50.7	76.1	





#51

4-Methyl-2-Pentanone

Concen: 565.476 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2633215

Ion Ratio Lower Upper

43 100

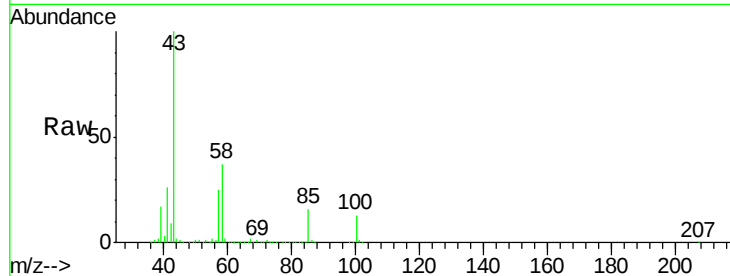
58 36.3 29.0 43.6

Manual Integrations

APPROVED

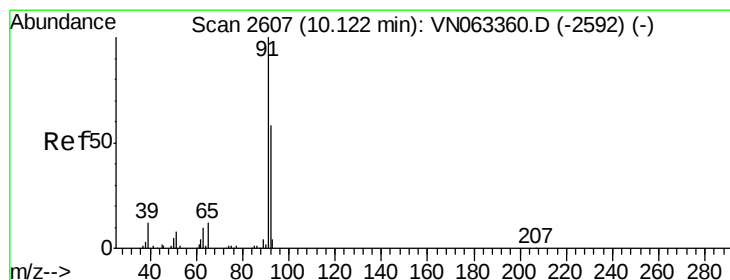
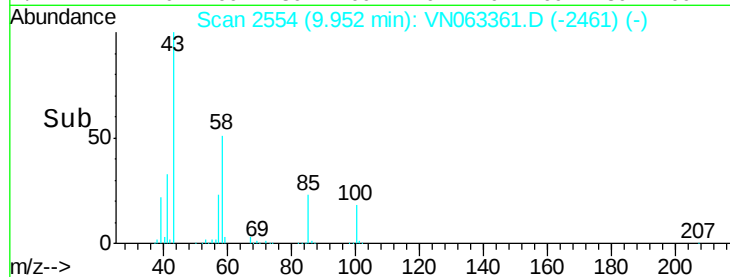
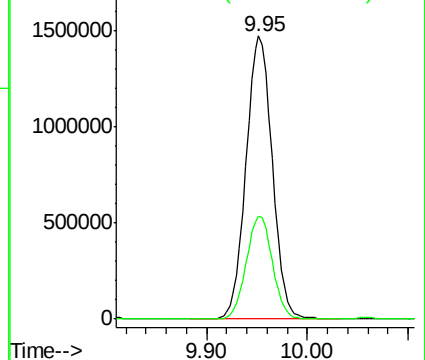
MMDadoda

9/17/2020 1:07:54 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 105.724 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063361.D

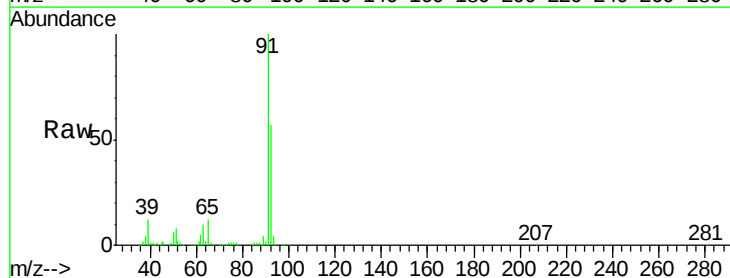
Acq: 16 Sep 2020 12:19

Tgt Ion: 92 Resp: 932170

Ion Ratio Lower Upper

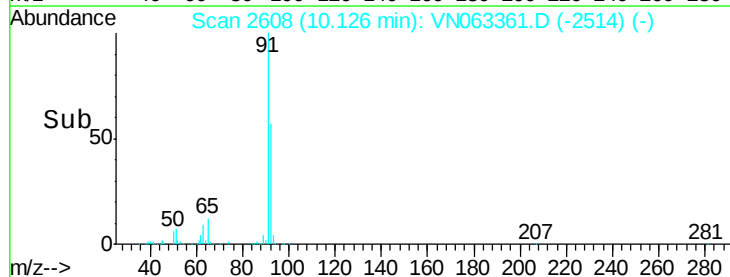
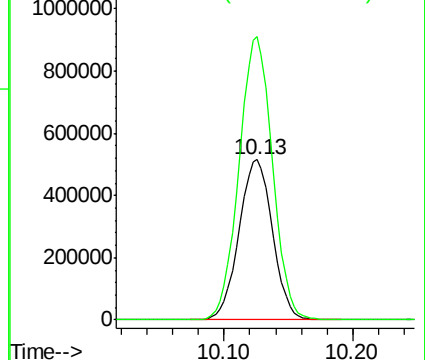
92 100

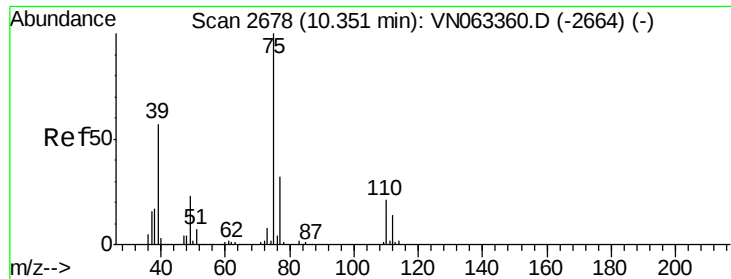
91 176.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





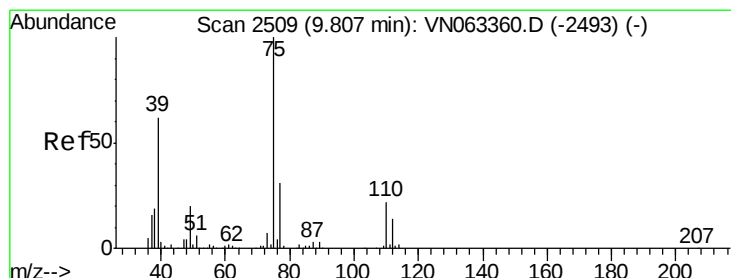
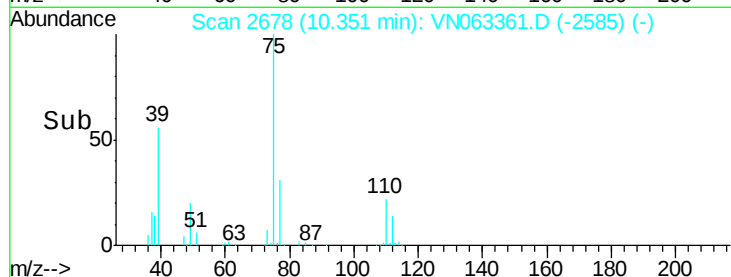
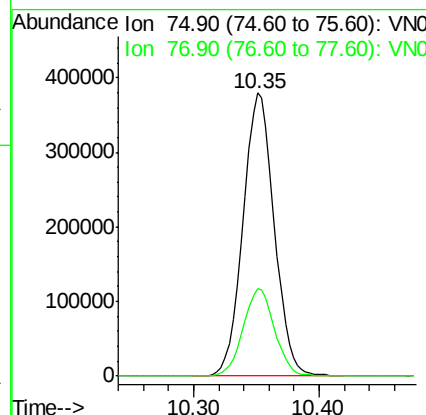
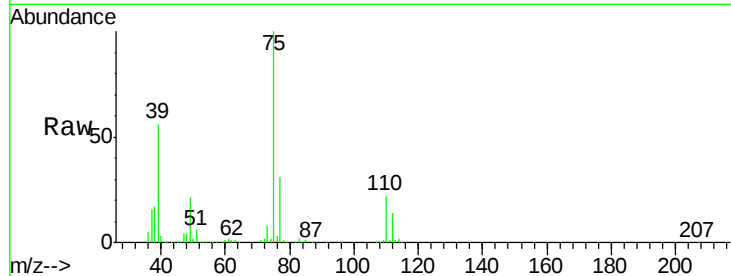
#53
t-1,3-Dichloropropene
Concen: 112.137 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 75 Resp: 655593
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2

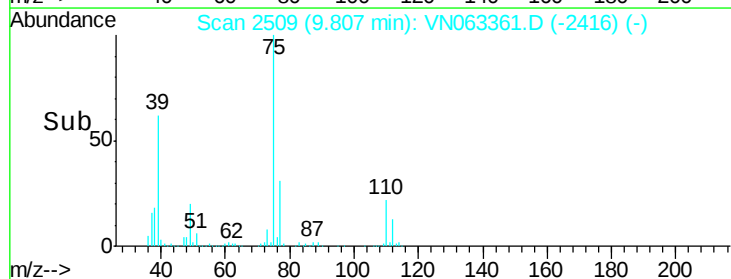
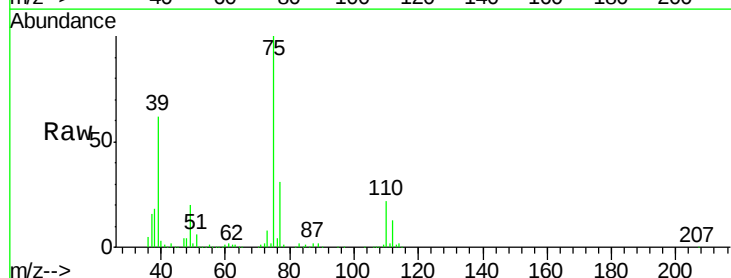
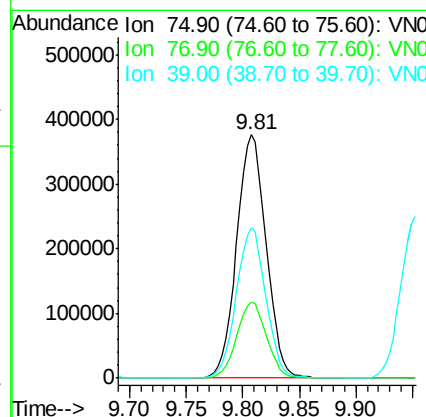
Manual Integrations
APPROVED

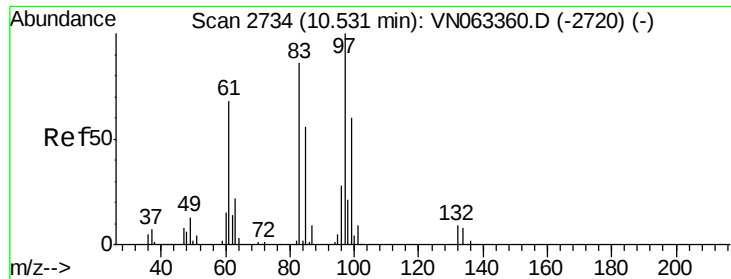
MMDadoda
9/17/2020 1:07:54 PM



#54
cis-1,3-Dichloropropene
Concen: 109.199 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 75 Resp: 686649
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0
39 61.6 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 105.001 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

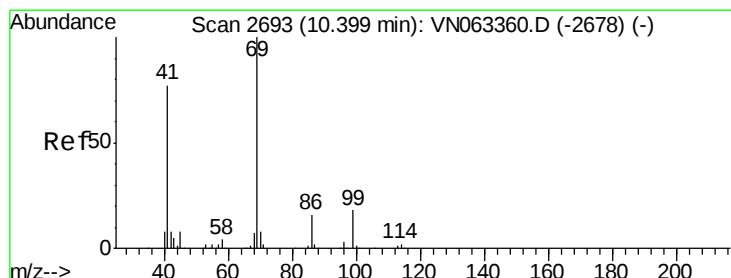
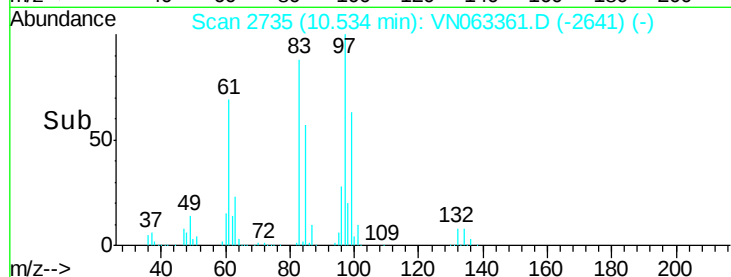
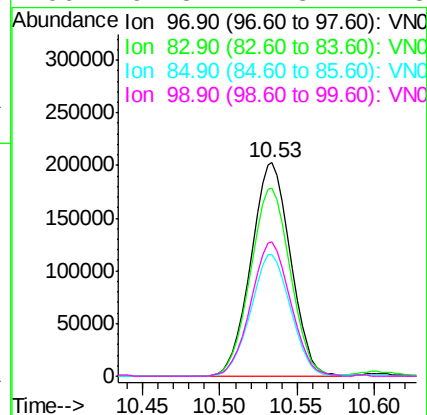
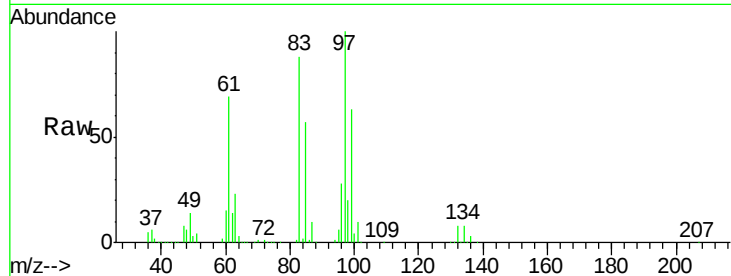
ClientSampled :

VSTDIC100

Tot Ion:	97	Resp:	362584
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.9	103.3
85	57.2	44.8	67.2
99	62.8	47.8	71.8

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#56

Ethyl methacrylate

Concen: 112.584 ug/l

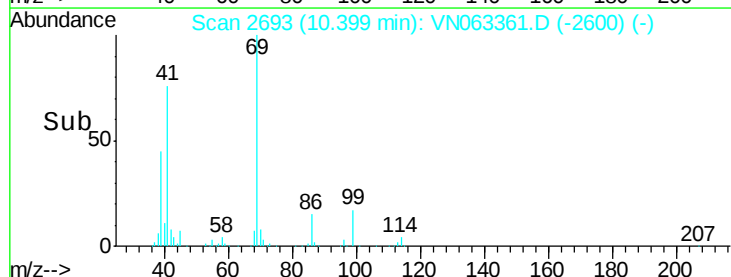
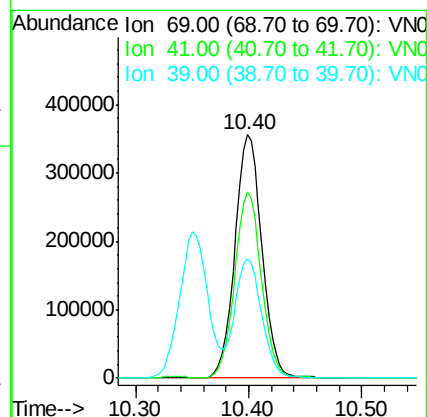
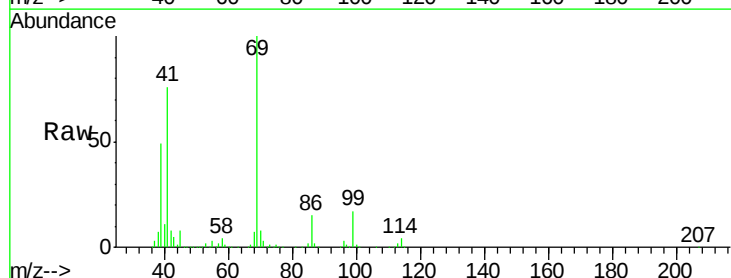
RT: 10.40 min Scan# 2693

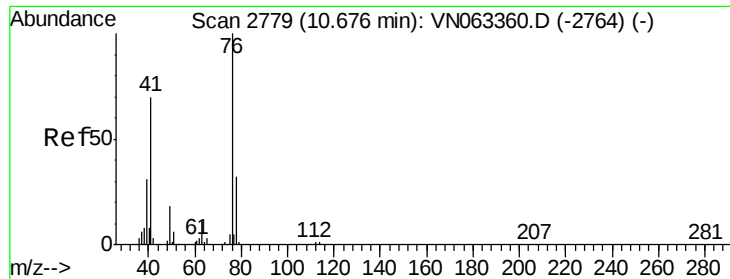
Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion:	69	Resp:	590620
Ion	Ratio	Lower	Upper
69	100		
41	75.3	61.0	91.6
39	48.9	39.2	58.8





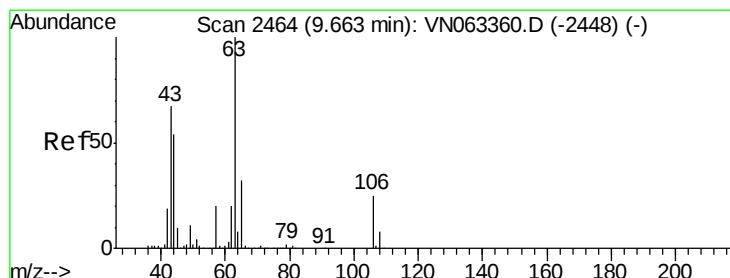
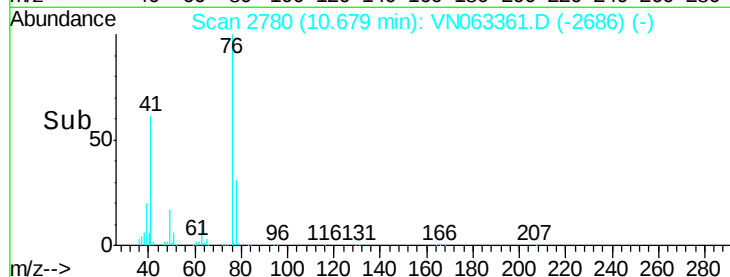
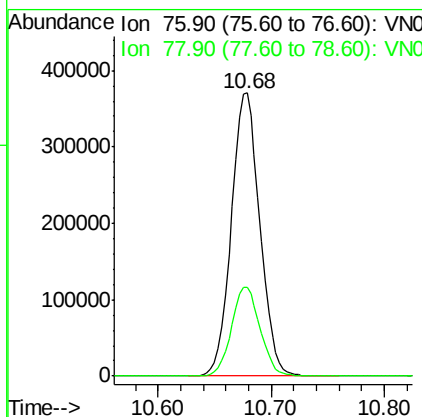
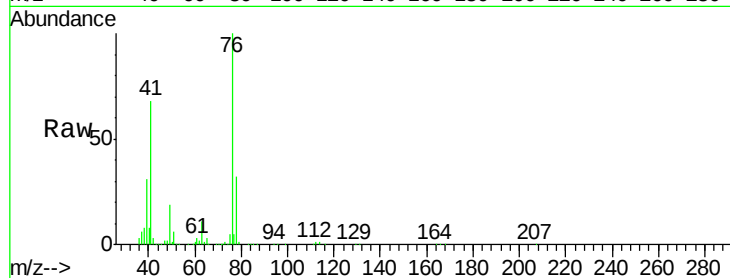
#57
 1,3-Dichloropropane
 Concen: 107.495 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 648935
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

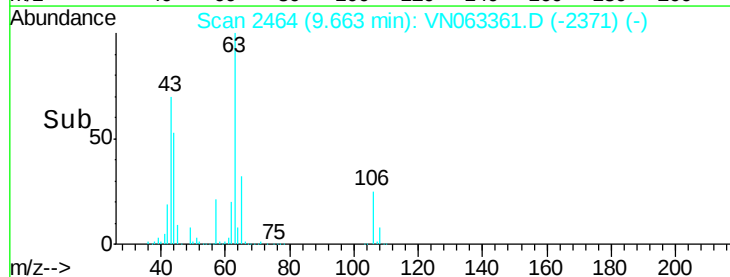
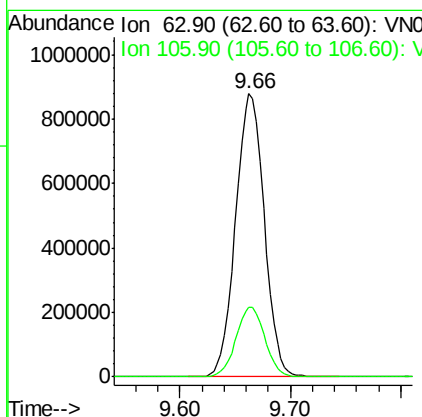
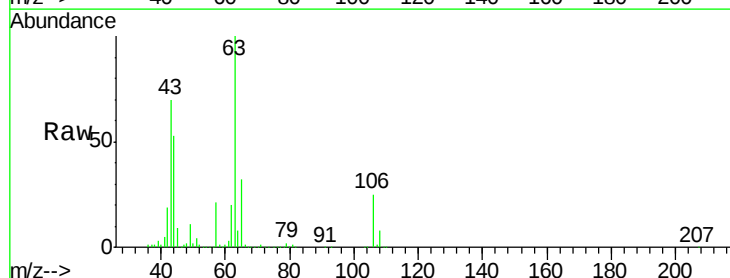
Manual Integrations
 APPROVED

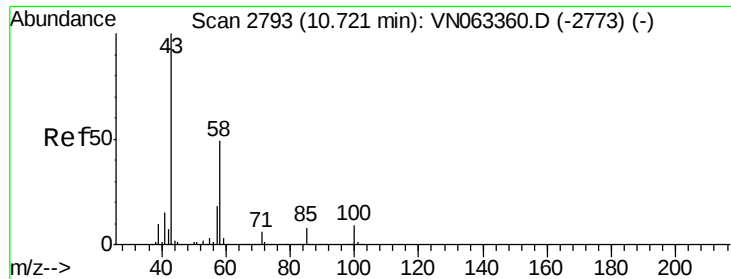
MMDadoda
 9/17/2020 1:07:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 561.451 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion: 63 Resp: 1583965
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.5 29.3





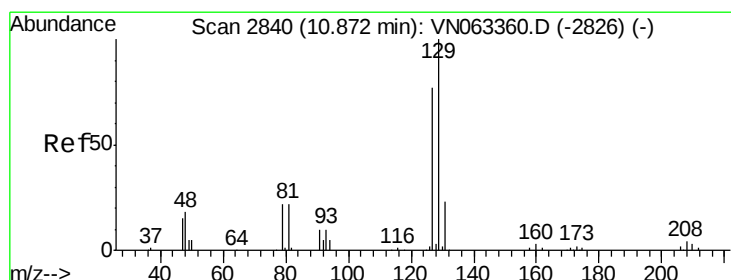
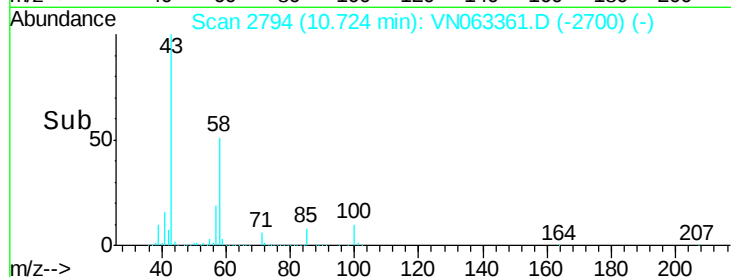
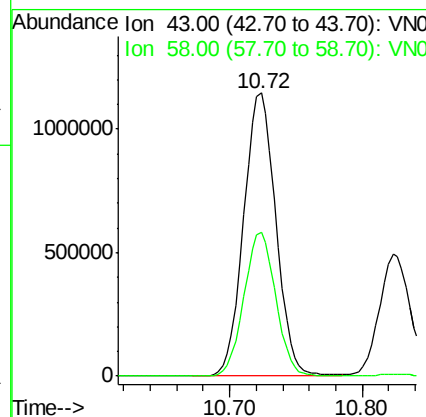
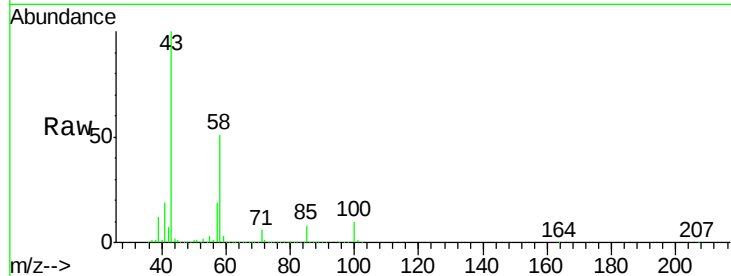
#59
2-Hexanone
Concen: 563.347 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1933394
Ion Ratio Lower Upper
43 100
58 50.2 24.7 74.1

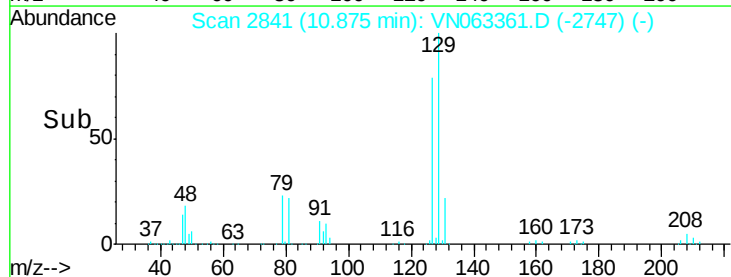
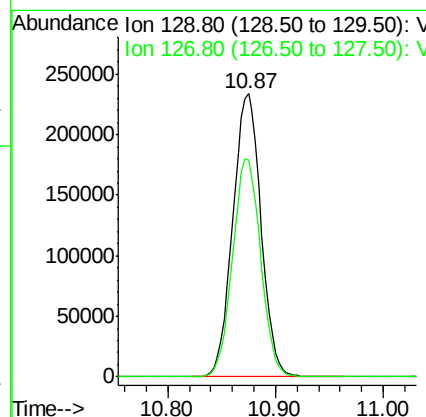
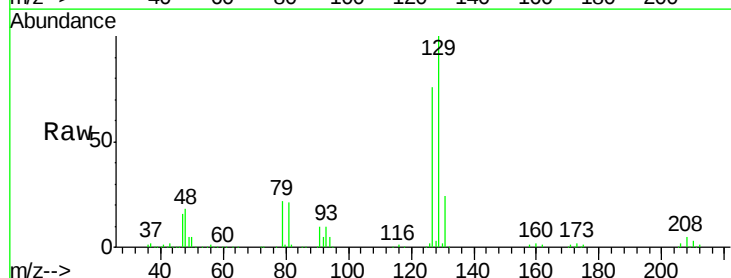
Manual Integrations
APPROVED

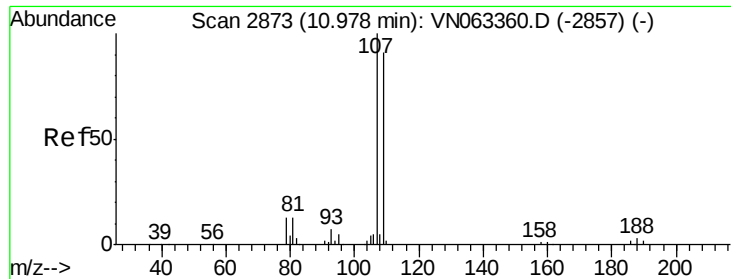
MMDadoda
9/17/2020 1:07:54 PM



#60
Dibromochloromethane
Concen: 112.253 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 129 Resp: 426176
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





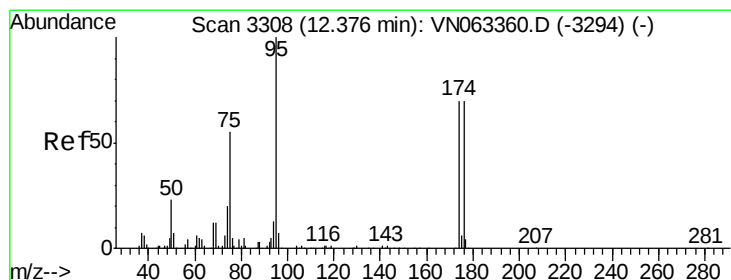
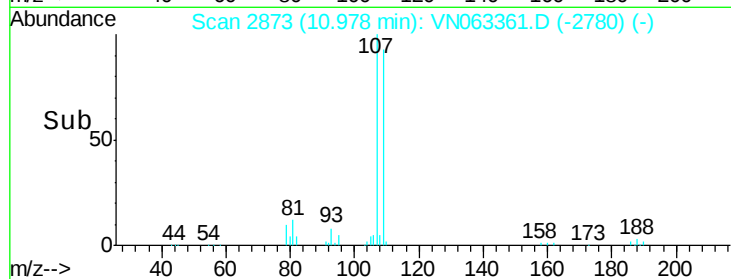
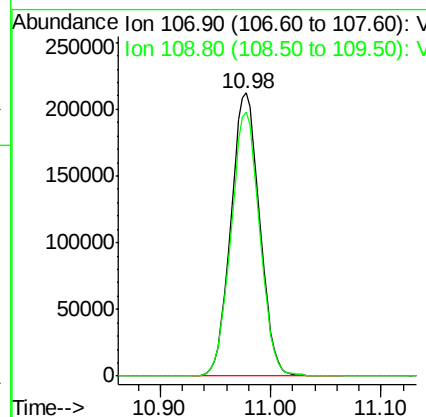
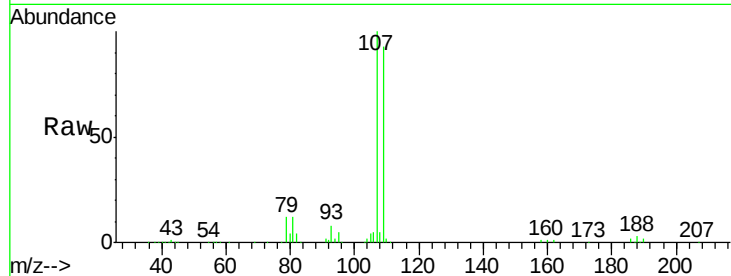
#61
 1,2-Dibromoethane
 Concen: 106.508 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	383813		
109	93.3	74.6	111.8	

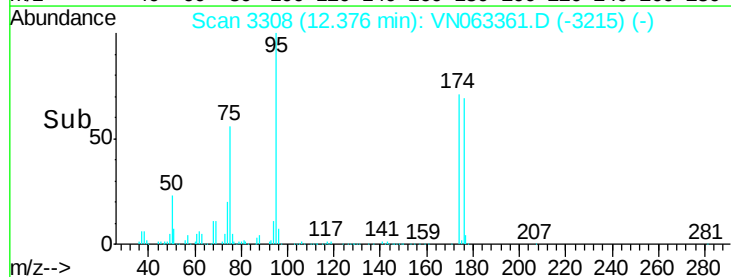
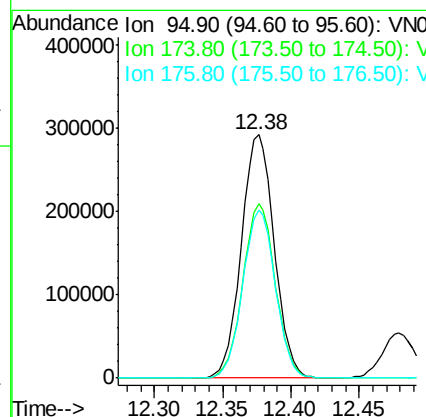
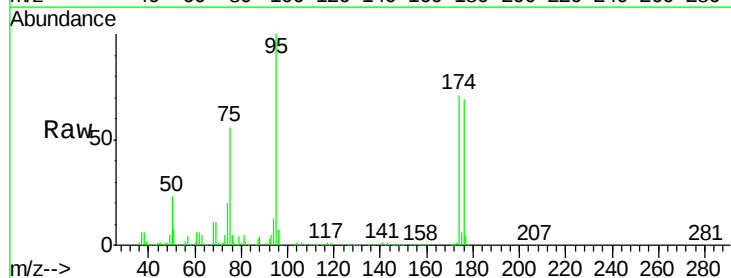
Manual Integrations
 APPROVED

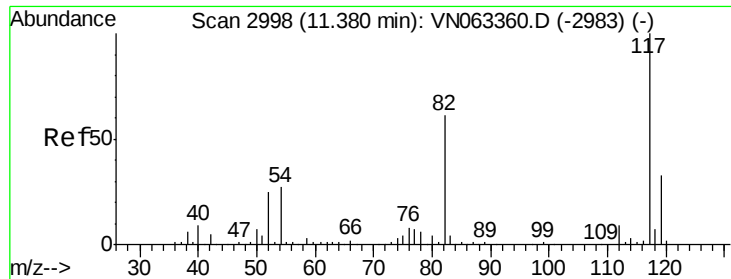
MMDadoda
 9/17/2020 1:07:54 PM



#62
 4-Bromofluorobenzene
 Concen: 109.486 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	489426		
174	70.6	0.0	140.8	
176	68.4	0.0	137.6	





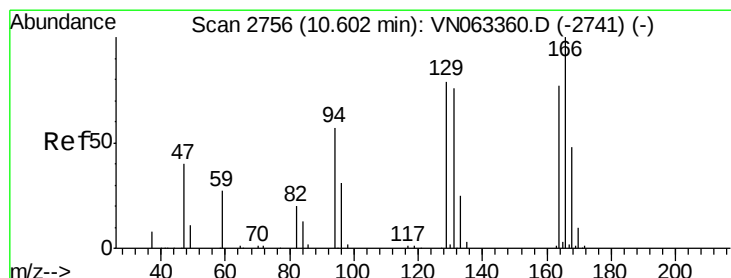
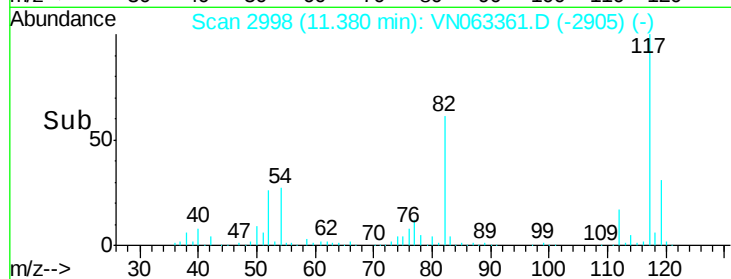
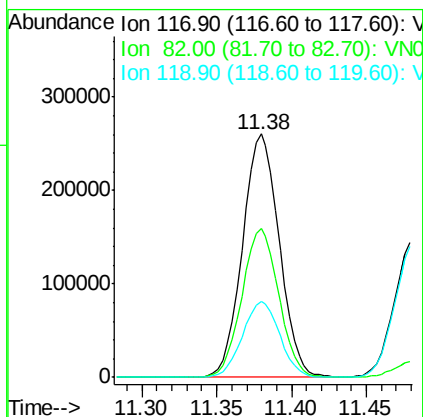
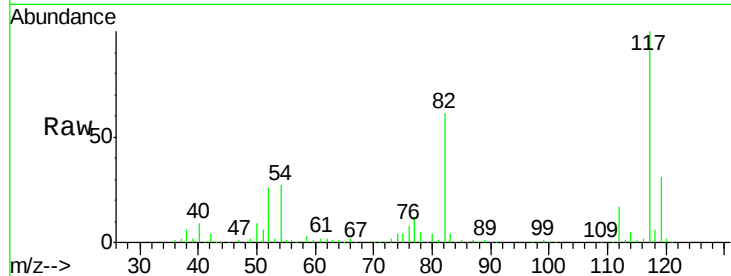
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.2	73.8
119	31.1	26.2	39.4

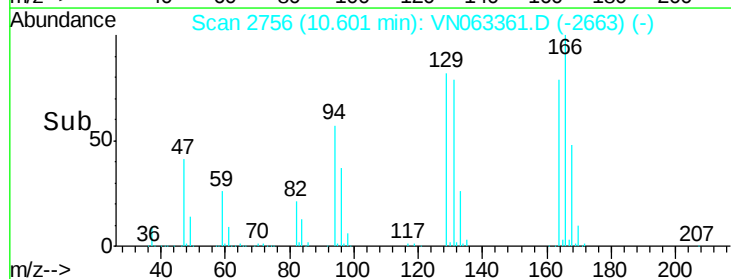
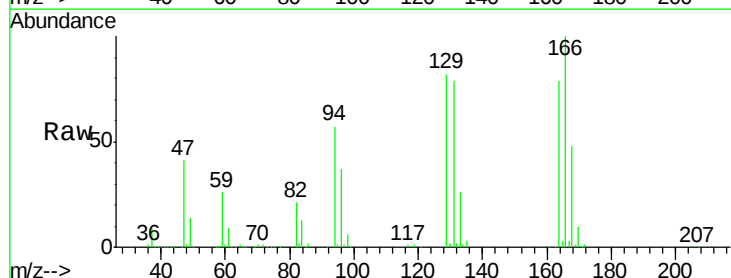
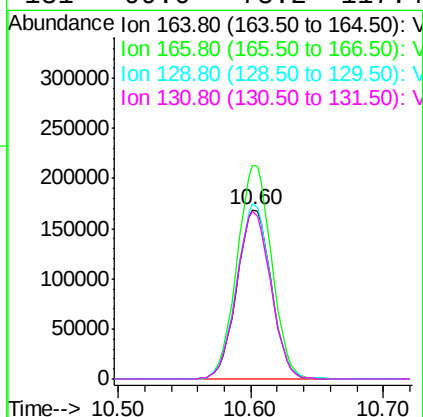
Manual Integrations
APPROVED

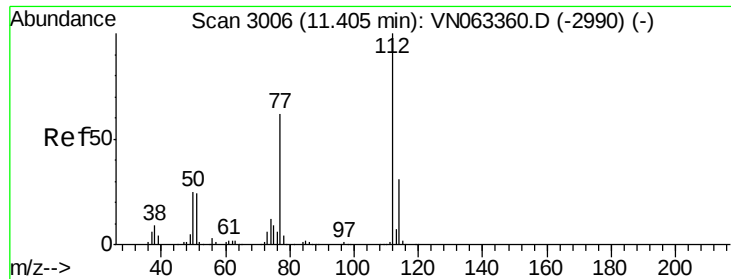
MMDadoda
9/17/2020 1:07:54 PM



#64
Tetrachloroethene
Concen: 85.708 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.4	155.0
129	103.1	81.8	122.6
131	99.0	78.2	117.4





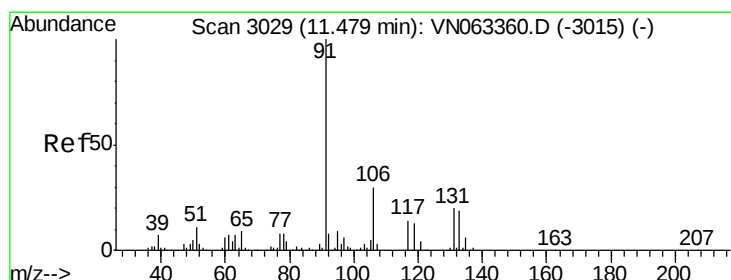
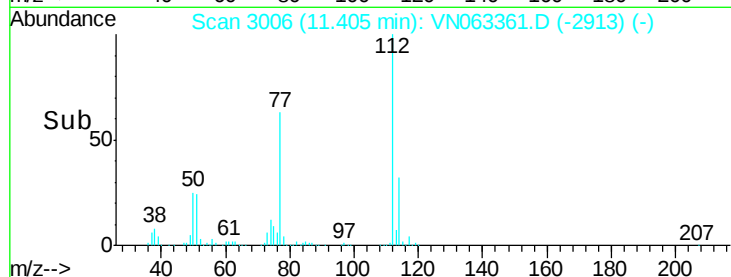
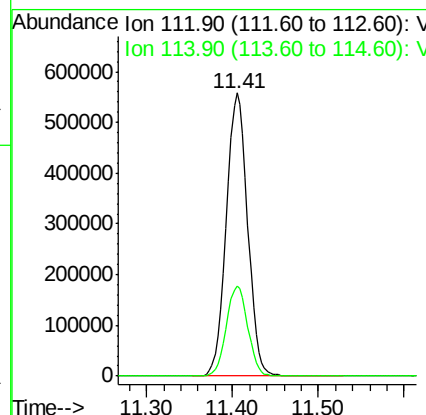
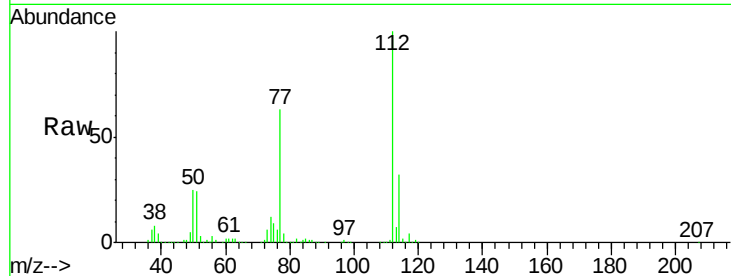
#65
Chlorobenzene
Concen: 100.022 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
112	100	961381		
114	31.7	25.0	37.6	

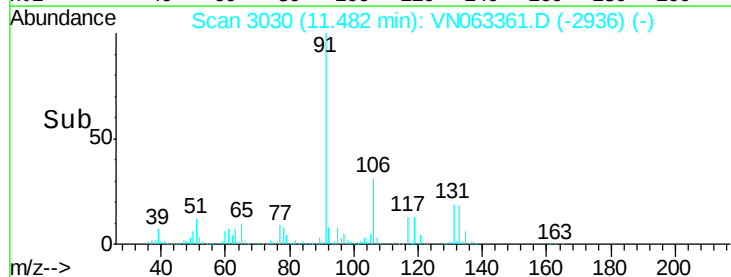
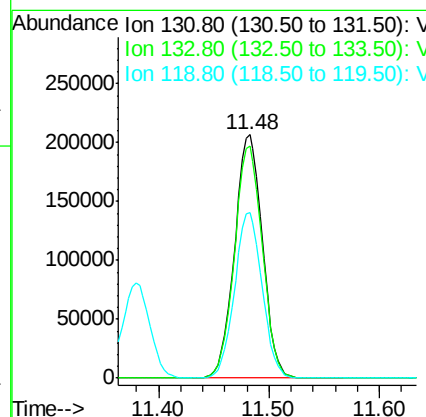
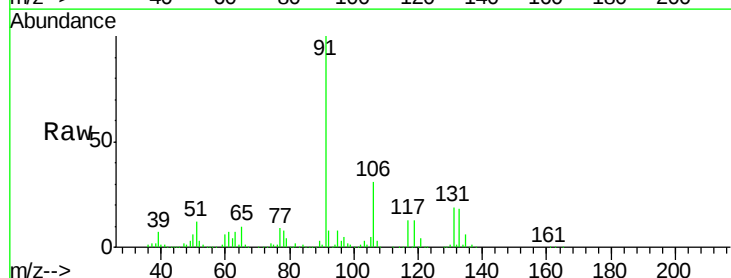
Manual Integrations
APPROVED

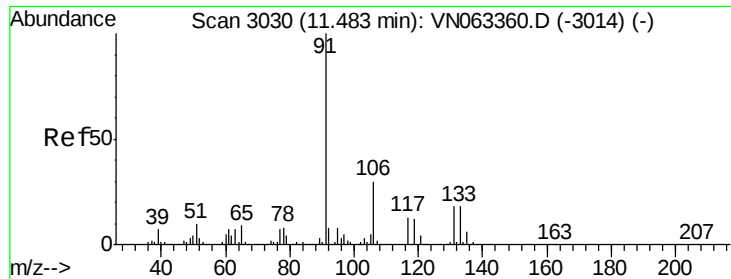
MMDadoda
9/17/2020 1:07:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 103.000 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	361343		
133	95.5	47.3	141.9	
119	67.4	33.6	100.8	





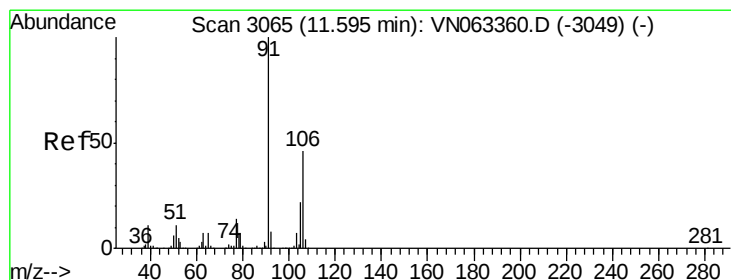
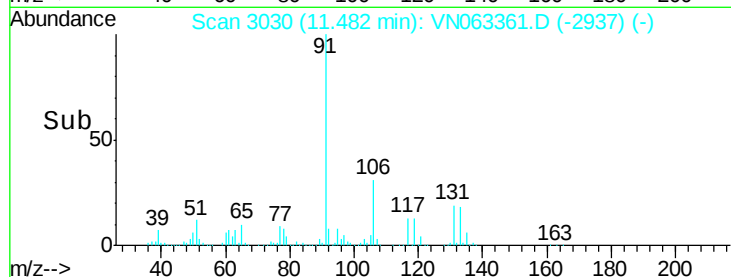
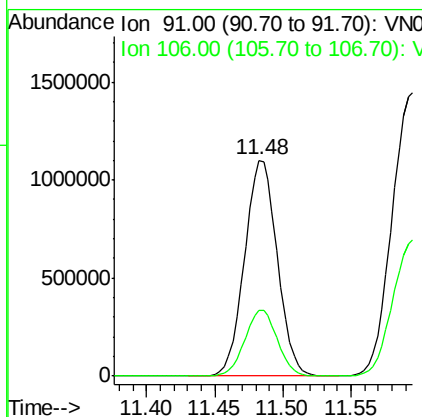
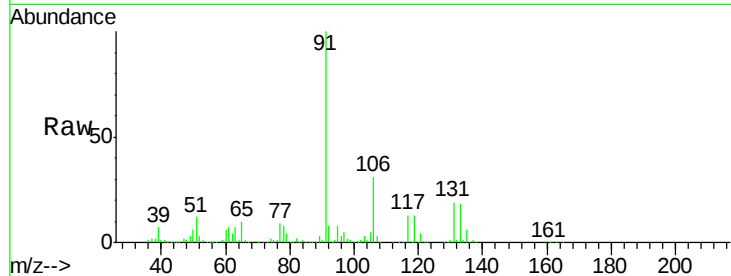
#67
Ethyl Benzene
Concen: 105.633 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1828393
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6

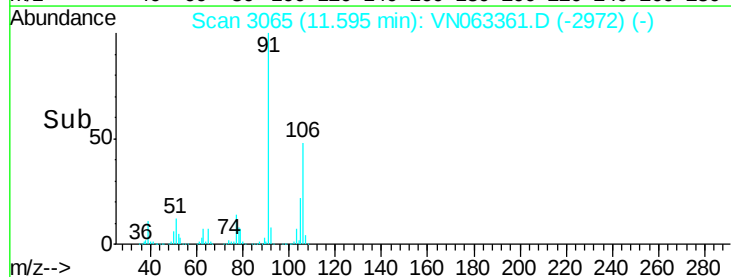
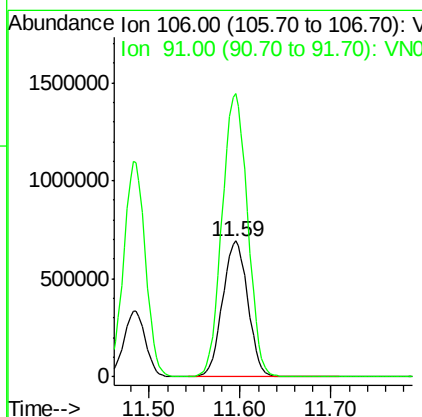
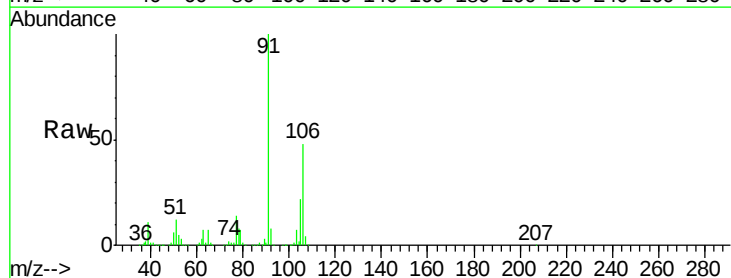
Manual Integrations
APPROVED

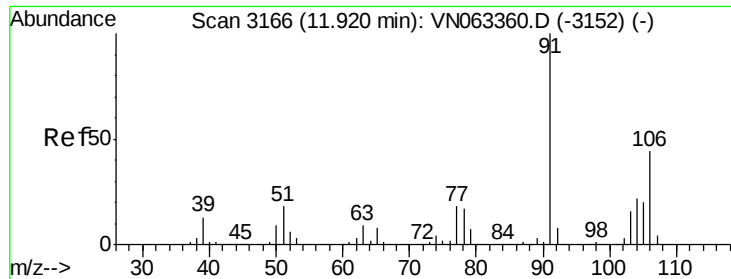
MMDadoda
9/17/2020 1:07:54 PM



#68
m/p-Xylenes
Concen: 208.562 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 106 Resp: 1336745
Ion Ratio Lower Upper
106 100
91 211.0 171.2 256.8





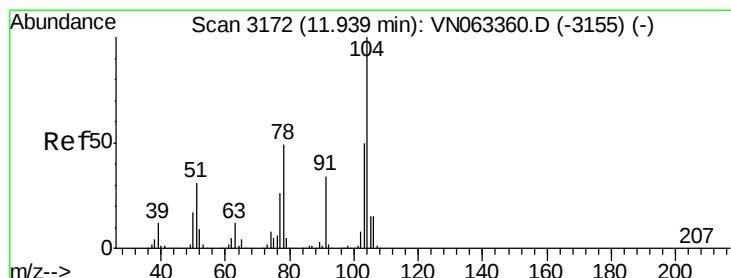
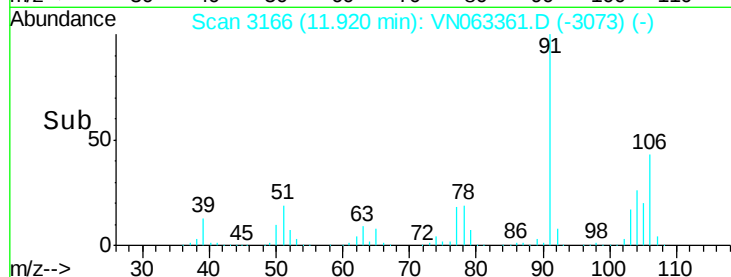
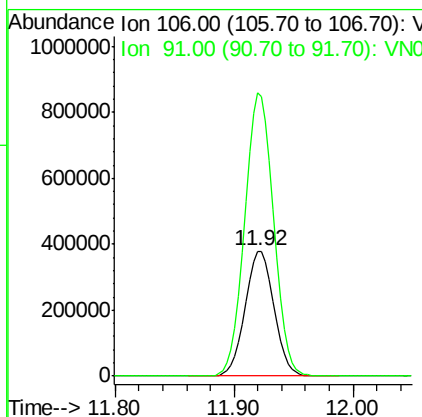
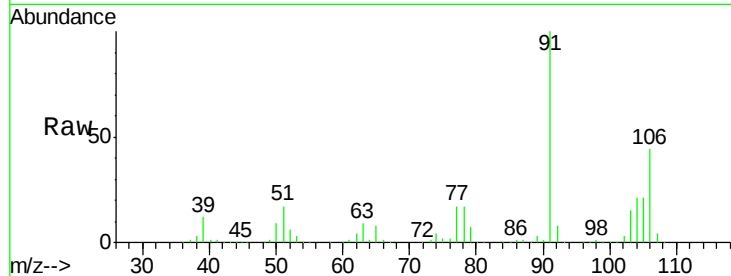
#69
o-Xylene
Concen: 103.736 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleID :
VSTDIC100

Tot Ion:106 Resp: 636424
Ion Ratio Lower Upper
106 100
91 226.2 113.6 340.8

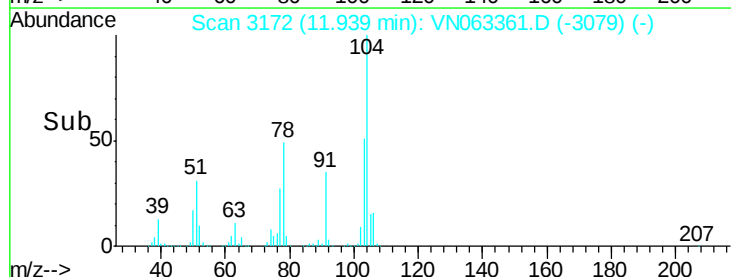
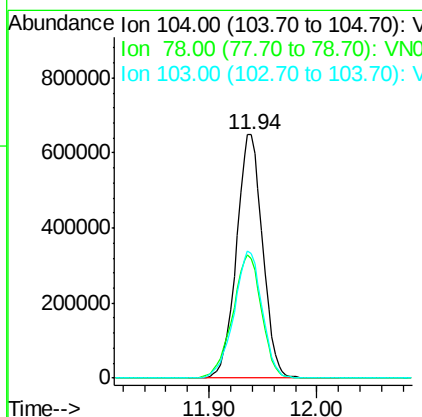
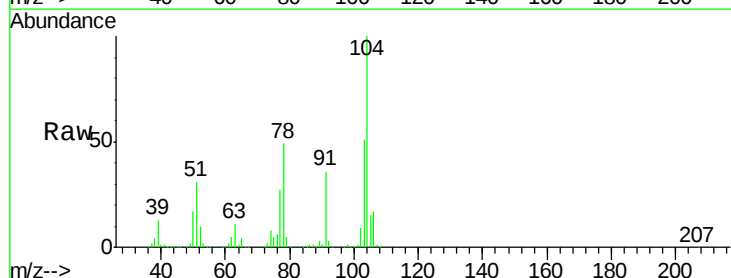
Manual Integrations
APPROVED

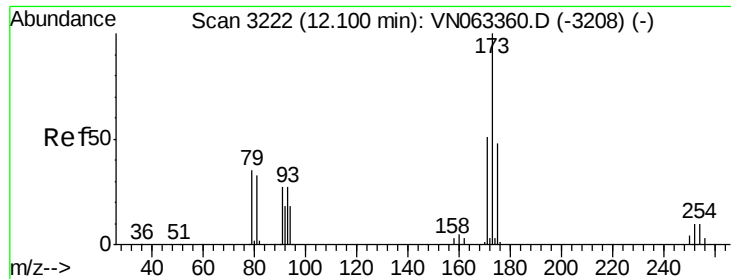
MMDadoda
9/17/2020 1:07:54 PM



#70
Styrene
Concen: 107.189 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion:104 Resp: 1096775
Ion Ratio Lower Upper
104 100
78 55.9 44.4 66.6
103 56.0 43.7 65.5





#71

Bromoform

Concen: 114.886 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

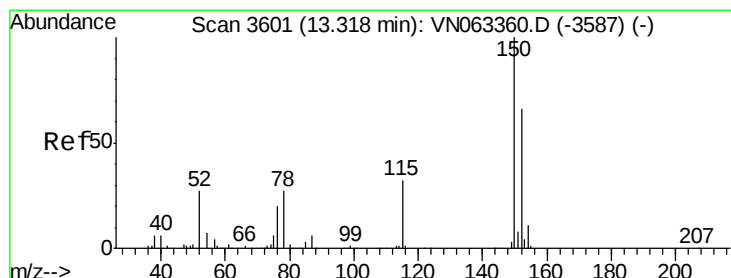
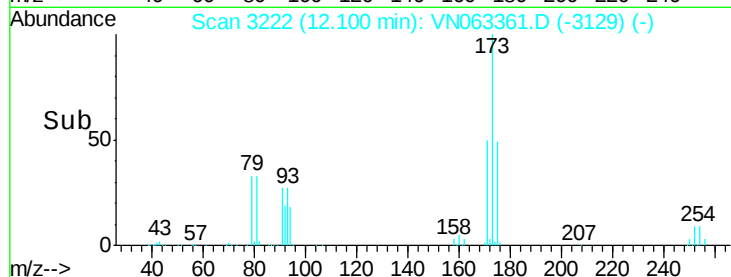
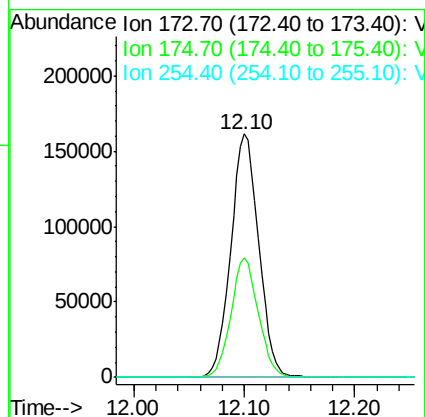
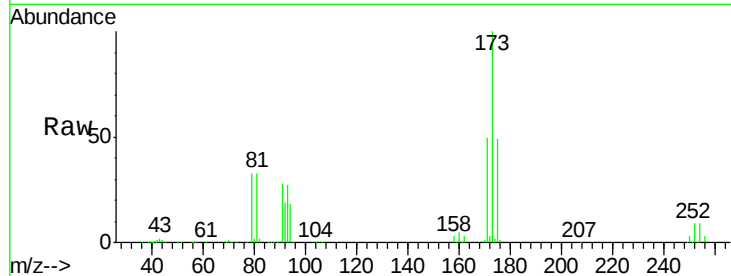
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

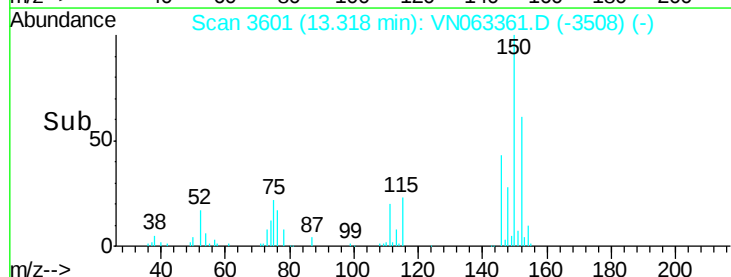
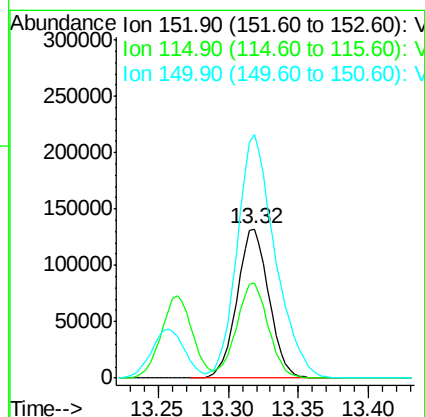
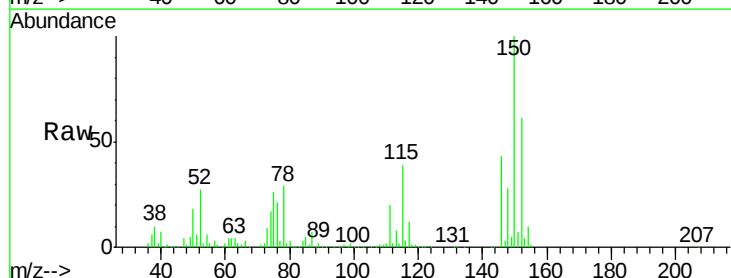
RT: 13.32 min Scan# 3601

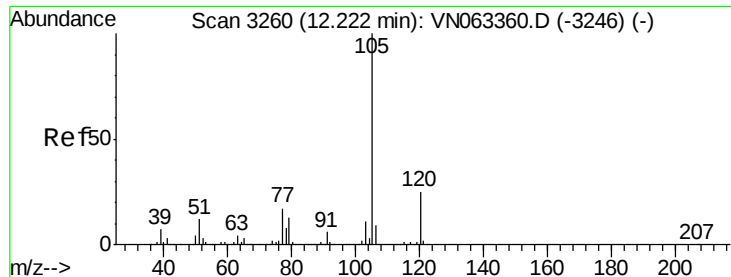
Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	32.2	96.6
150	193.8	0.0	343.4





#73

Isopropylbenzene

Concen: 103.427 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1750831

Ion Ratio Lower Upper

105 100

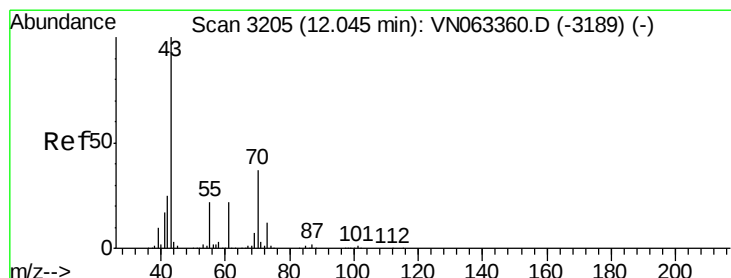
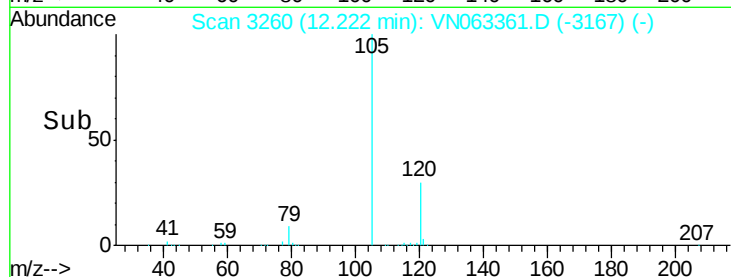
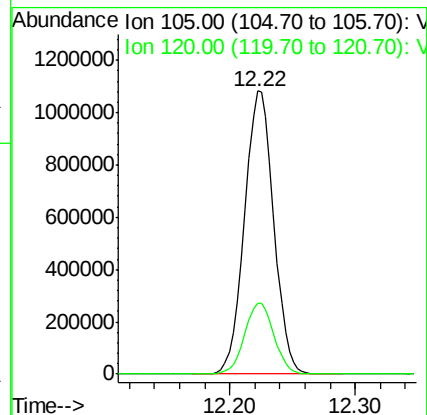
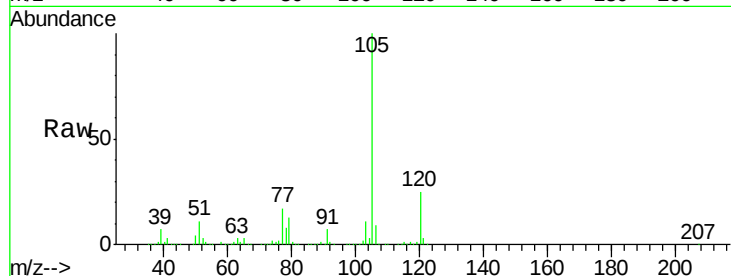
120 25.4 12.7 38.0

Manual Integrations

APPROVED

MMDadoda

9/17/2020 1:07:54 PM



#74

N-ethyl acetate

Concen: 120.520 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion: 43 Resp: 846363

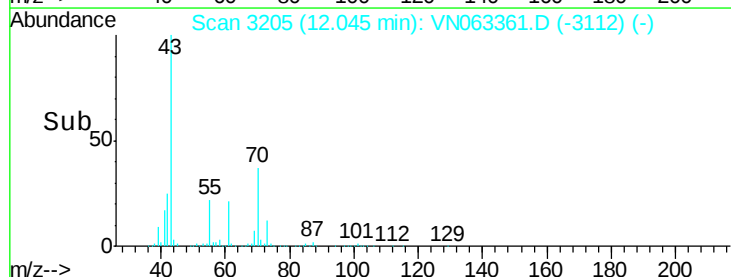
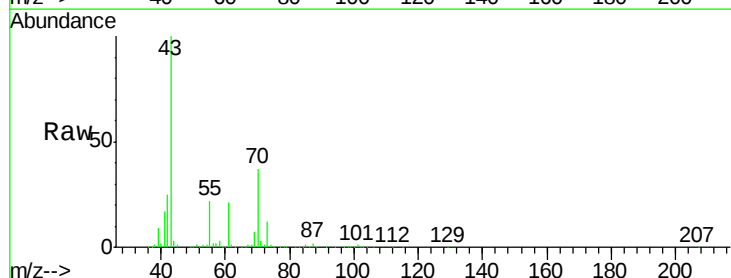
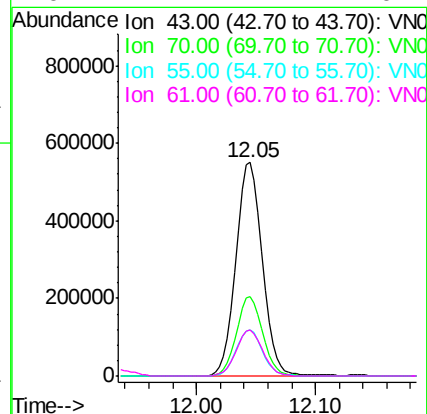
Ion Ratio Lower Upper

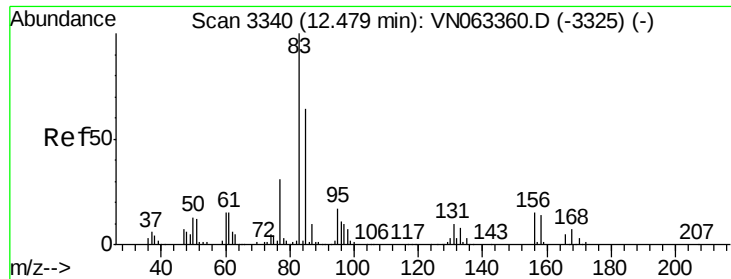
43 100

70 37.0 29.6 44.4

55 21.8 17.7 26.5

61 21.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 106.323 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

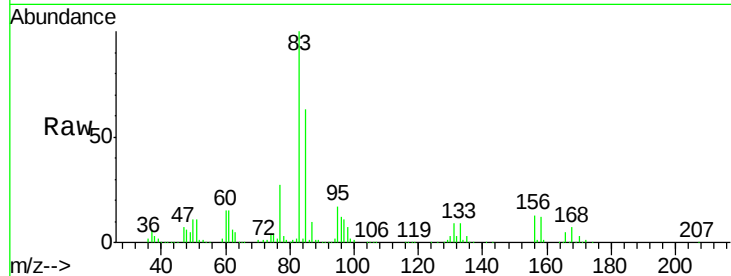
ClientSampleId :

VSTDIC100

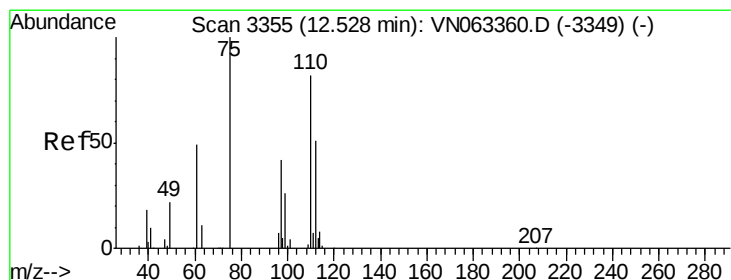
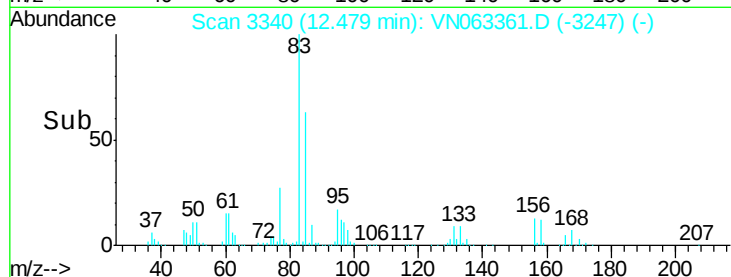
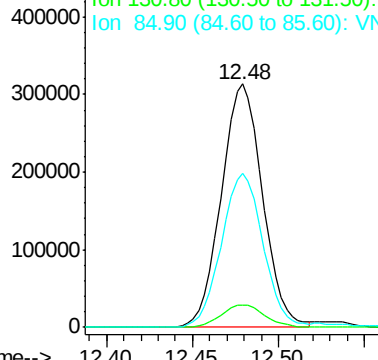
Tot Ion:	83	Resp:	521335
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	65.3	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



Abundance Ion 82.90 (82.60 to 83.60): VN063361.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 104.479 ug/l m

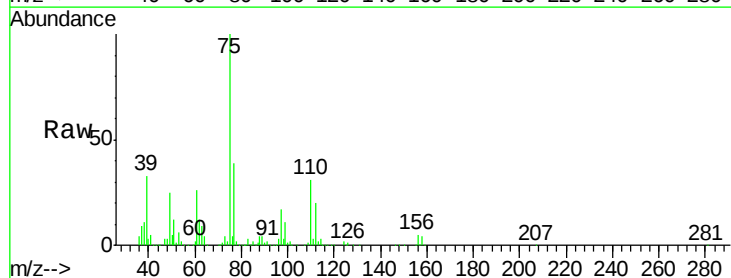
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

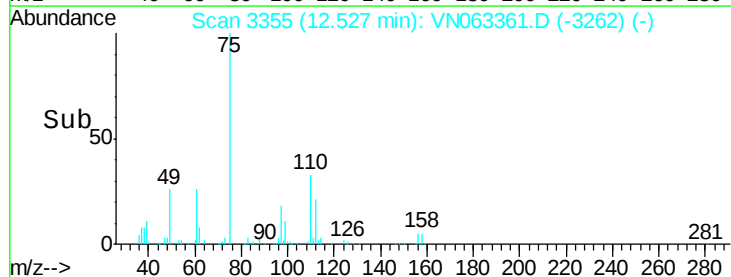
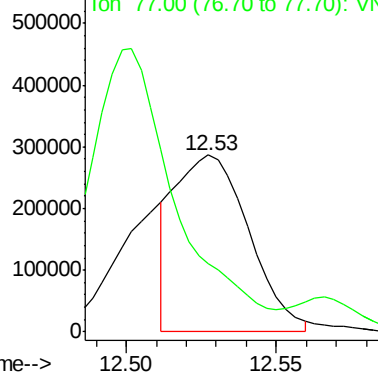
Lab File: VN063361.D

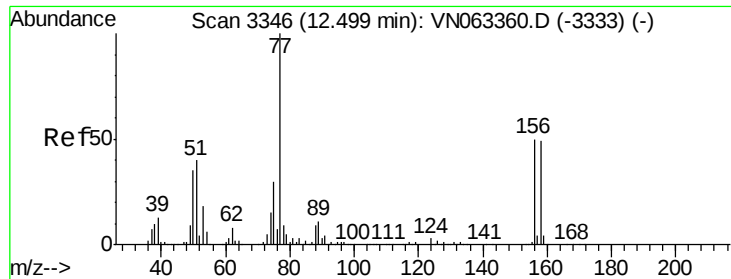
Acq: 16 Sep 2020 12:19

Tgt Ion:	75	Resp:	493422
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063361.D (-3262) (-)





#77

Bromobenzene

Concen: 102.339 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 397809

Ion Ratio Lower Upper

156 100

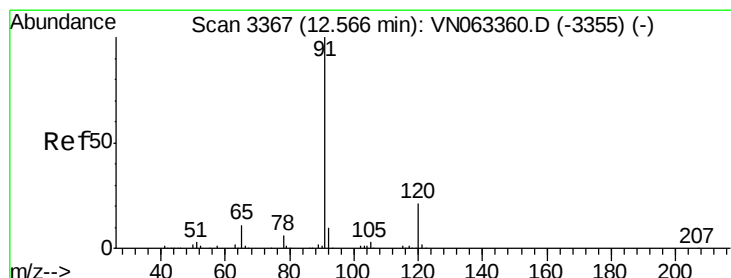
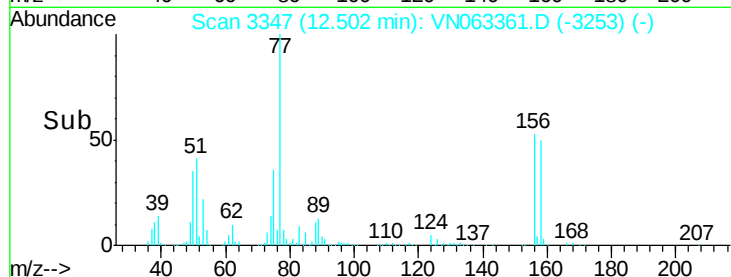
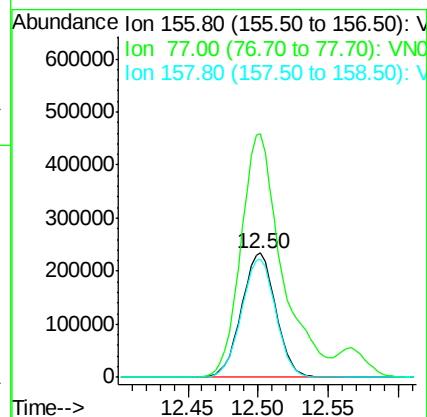
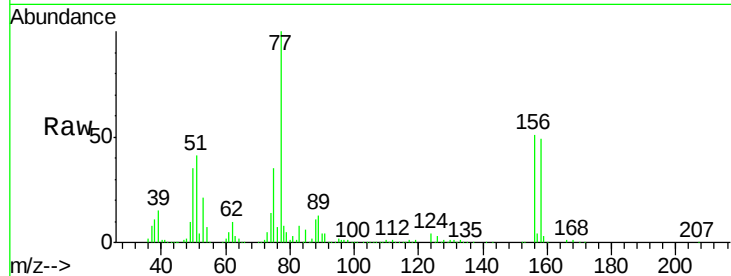
77 233.8 120.2 360.6

158 95.8 48.9 146.6

Manual Integrations
APPROVED

MMDadoda

9/17/2020 1:07:54 PM



#78

n-propylbenzene

Concen: 106.214 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063361.D

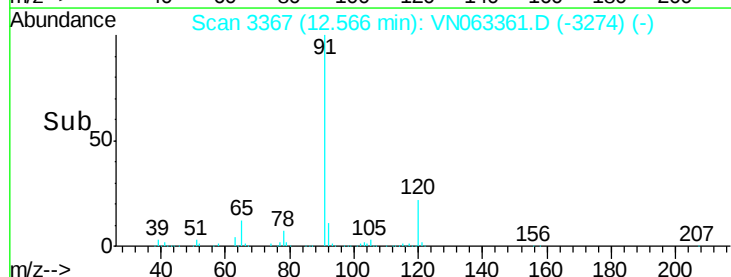
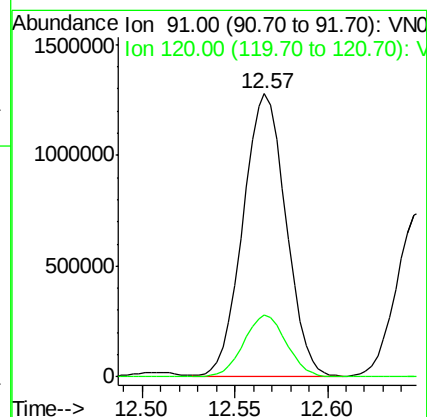
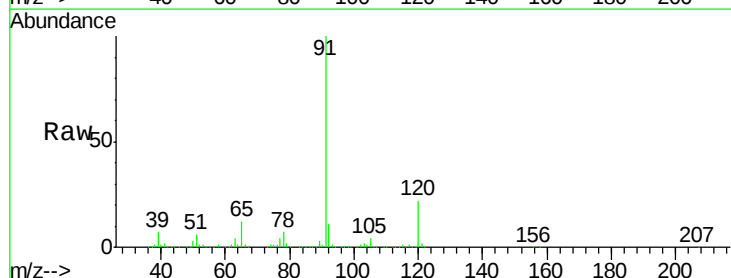
Acq: 16 Sep 2020 12:19

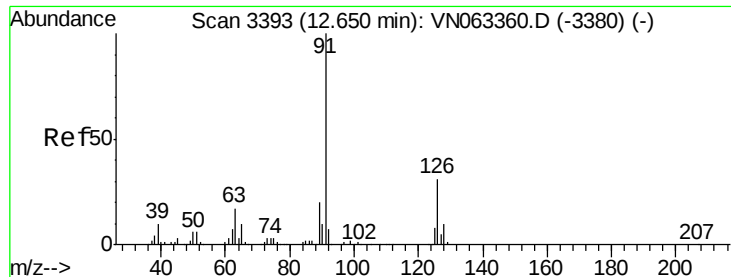
Tgt Ion: 91 Resp: 2039316

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.3





#79

2-Chlorotoluene

Concen: 102.714 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1212405

Ion Ratio Lower Upper

91 100

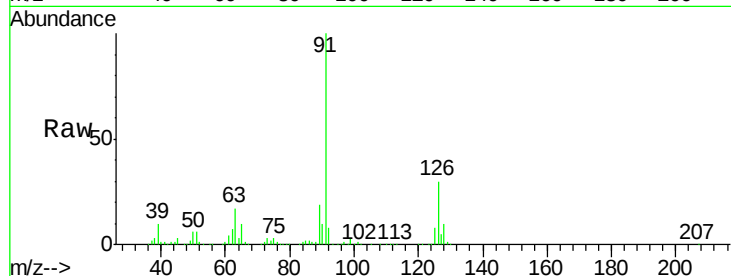
126 30.7 15.8 47.3

Manual Integrations

APPROVED

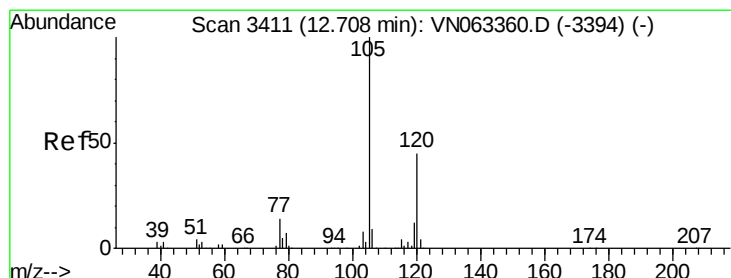
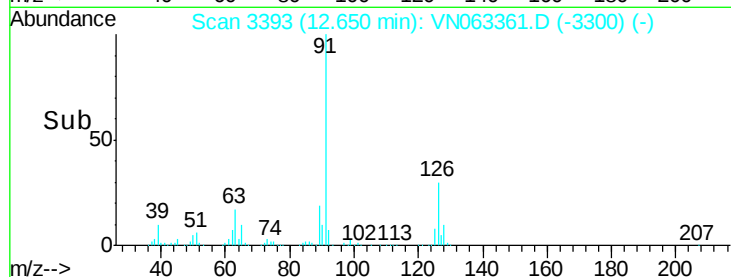
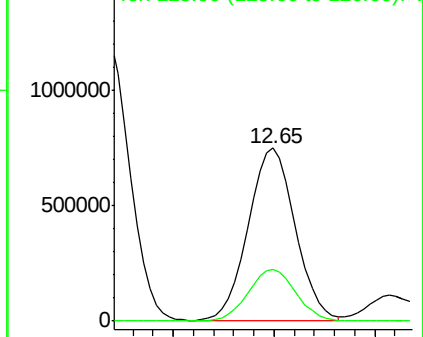
MMDadoda

9/17/2020 1:07:54 PM



Abundance Ion 91.00 (90.70 to 91.70): VN063361.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN063361.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 104.621 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063361.D

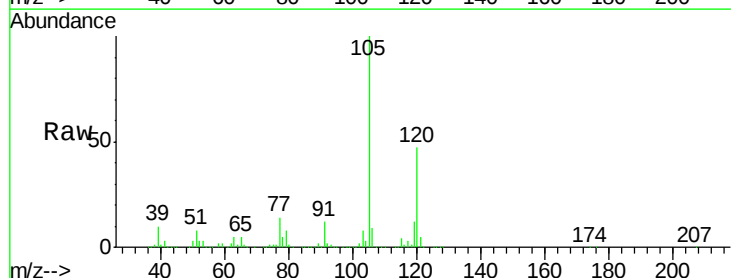
Acq: 16 Sep 2020 12:19

Tgt Ion: 105 Resp: 1471197

Ion Ratio Lower Upper

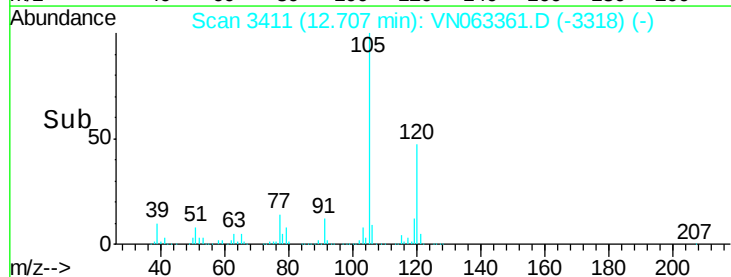
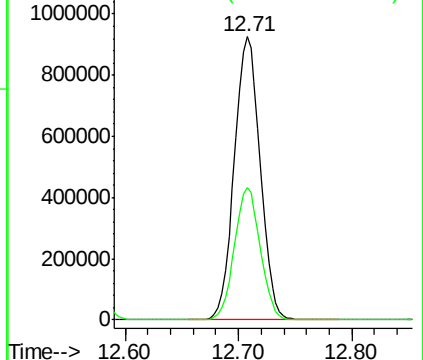
105 100

120 46.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063361.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN063361.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 115.992 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

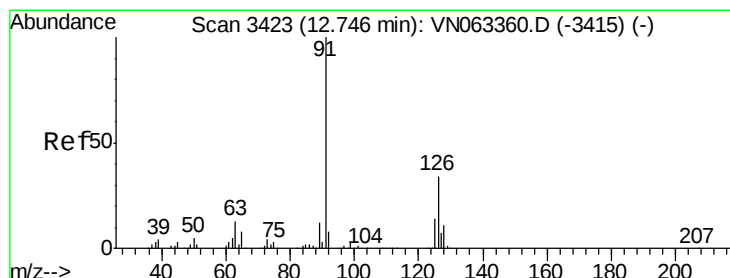
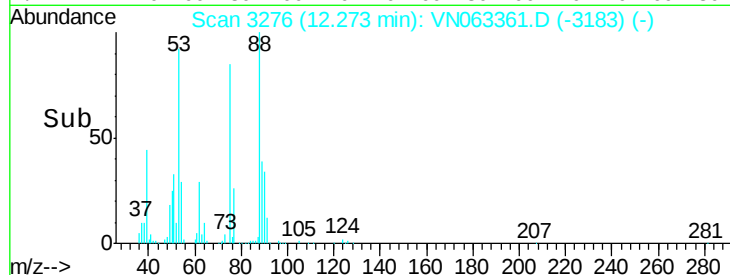
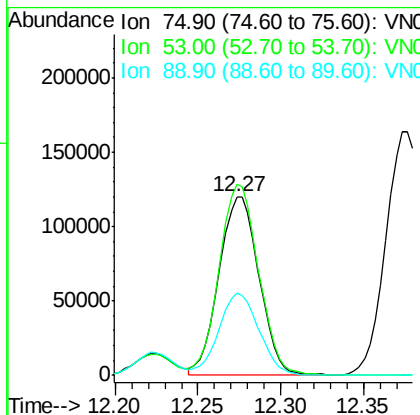
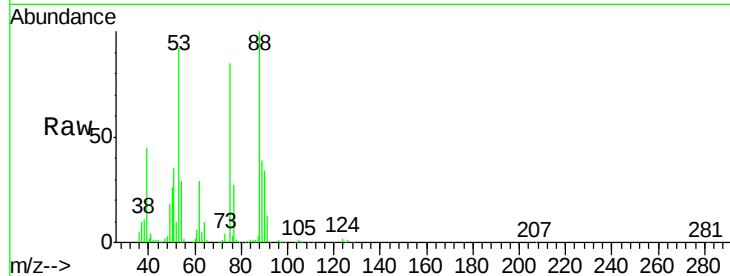
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	201845
Ion	Ratio	Lower	Upper
75	100		
53	105.3	85.7	128.5
89	46.3	38.0	57.0

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#82

4-Chlorotoluene

Concen: 102.970 ug/l

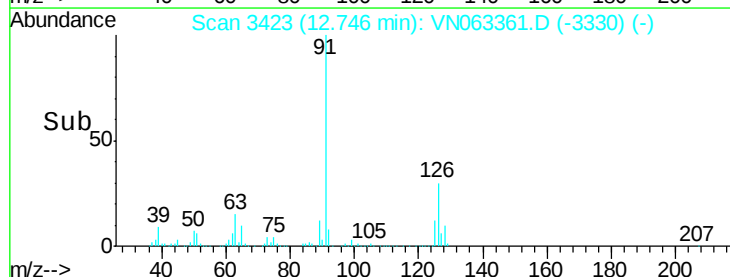
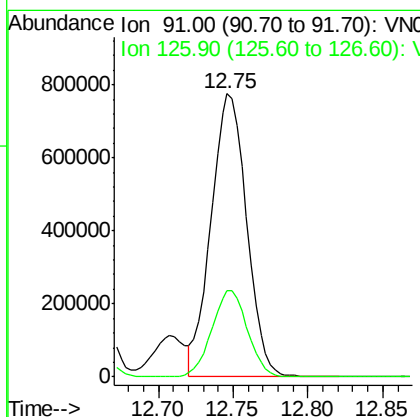
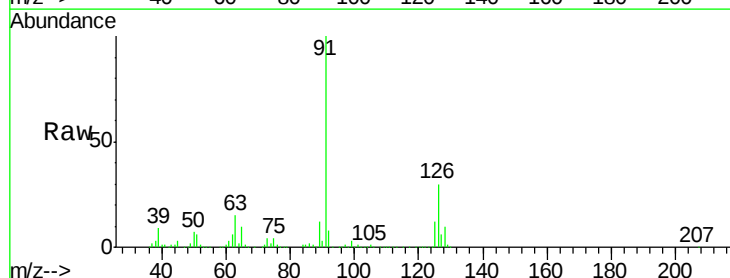
RT: 12.75 min Scan# 3423

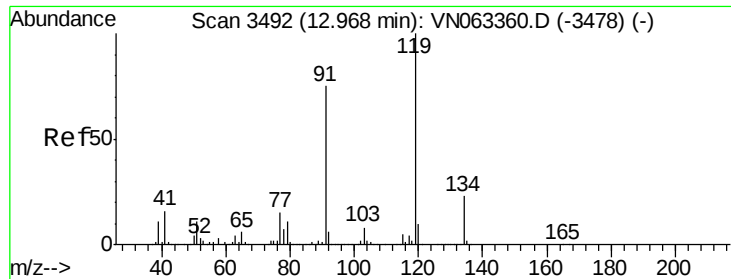
Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion:	91	Resp:	1277656
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





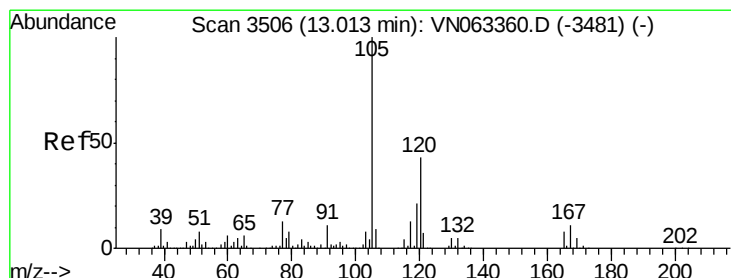
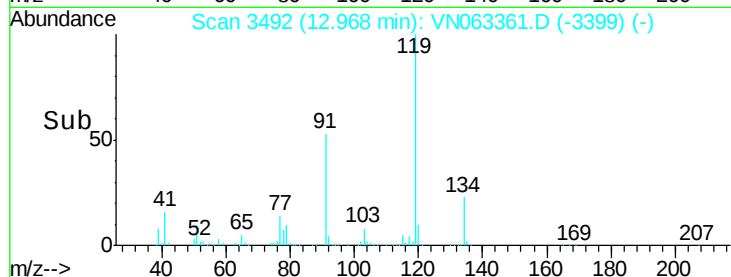
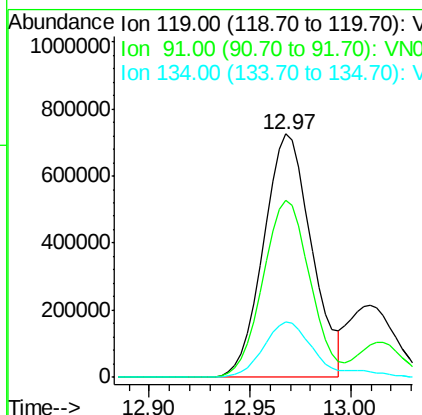
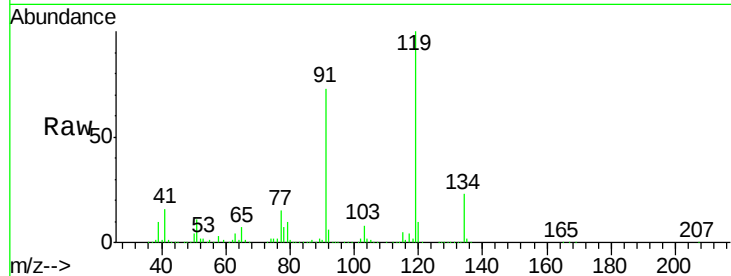
#83
 tert-Butylbenzene
 Concen: 100.987 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.6	36.3	108.9
134	24.9	12.3	36.8

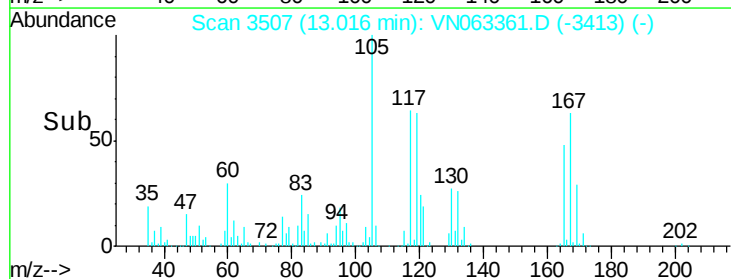
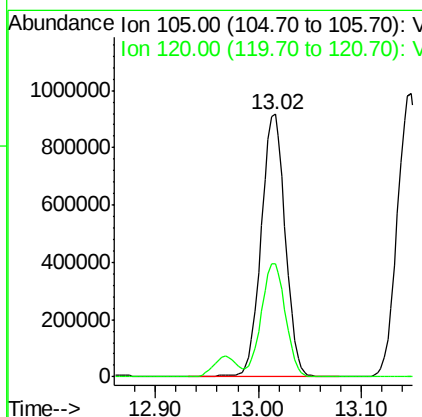
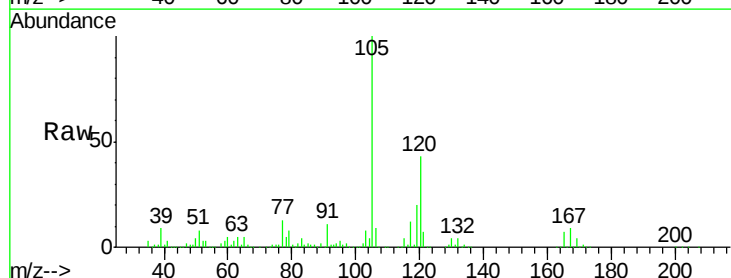
Manual Integrations
 APPROVED

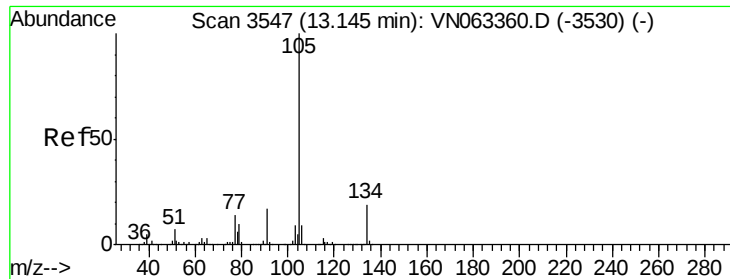
MMDadoda
 9/17/2020 1:07:54 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 104.325 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.3	63.9





#85

sec-Butylbenzene

Concen: 105.772 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1603893

Ion Ratio Lower Upper

105 100

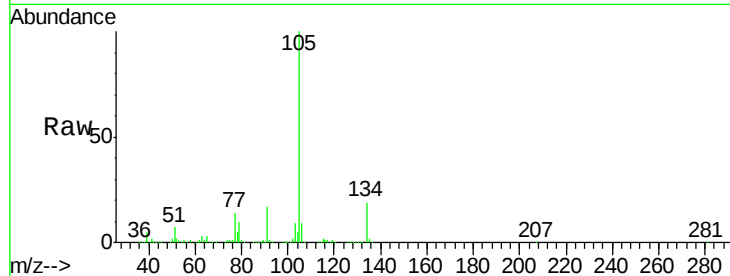
134 18.5 9.3 27.7

Manual Integrations

APPROVED

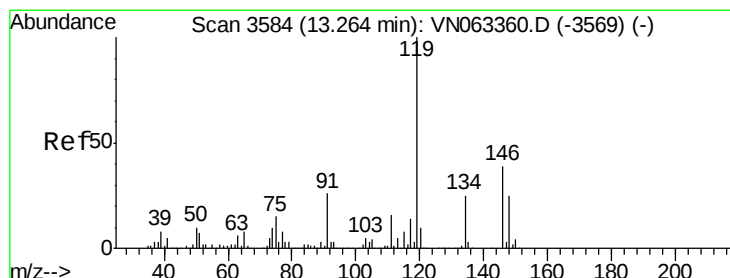
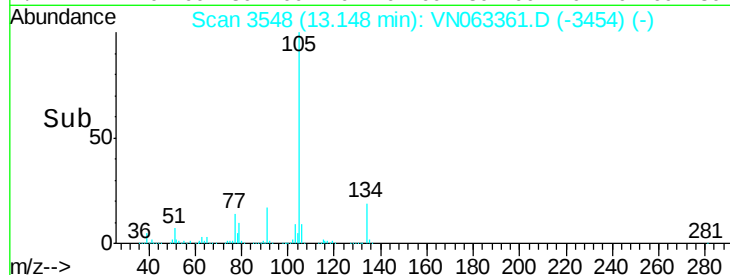
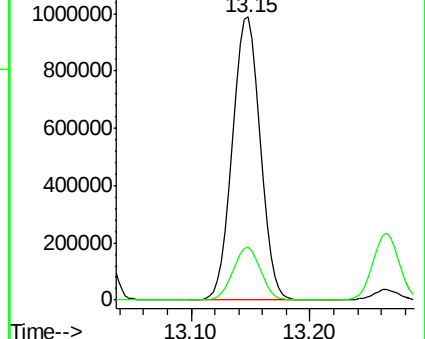
MMDadoda

9/17/2020 1:07:54 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 104.040 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

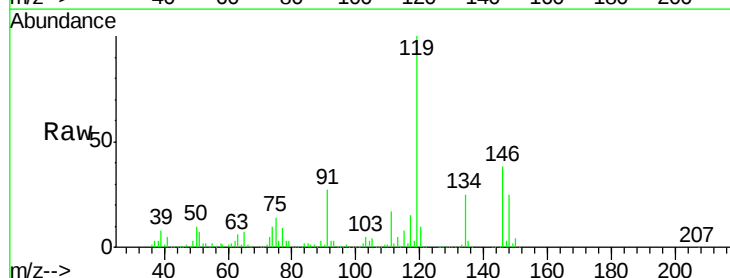
Tgt Ion:119 Resp: 1443197

Ion Ratio Lower Upper

119 100

134 24.8 12.5 37.5

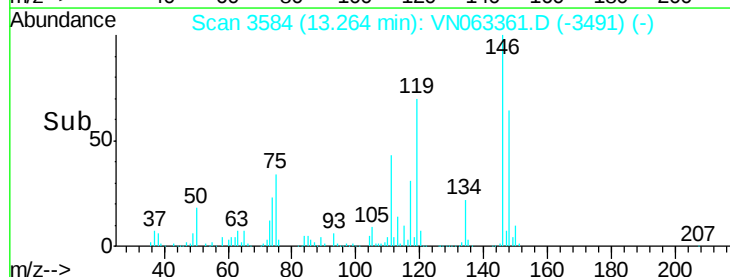
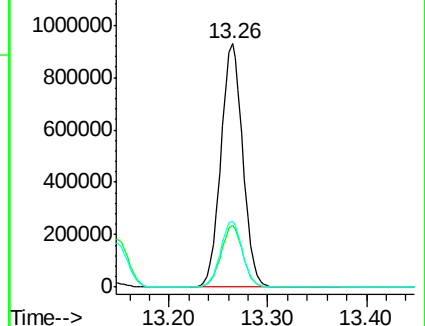
91 26.9 13.4 40.1

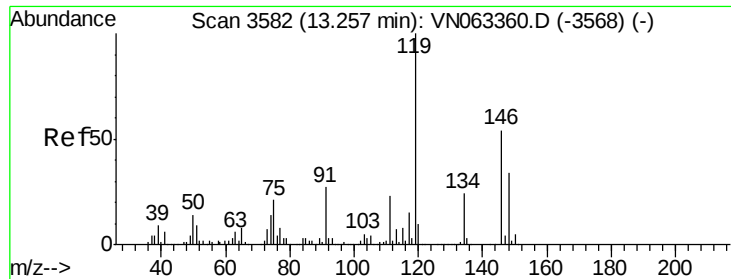


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





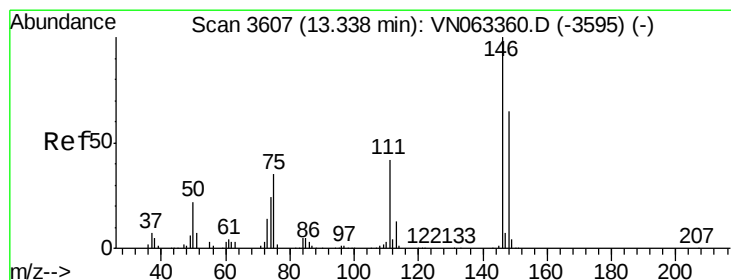
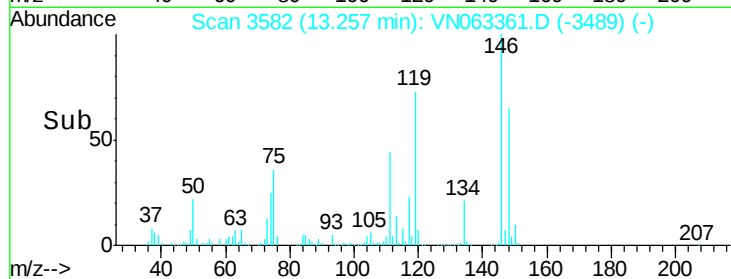
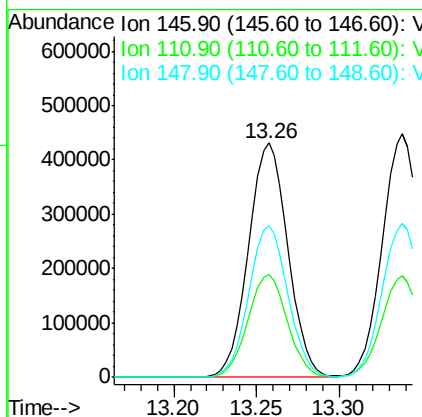
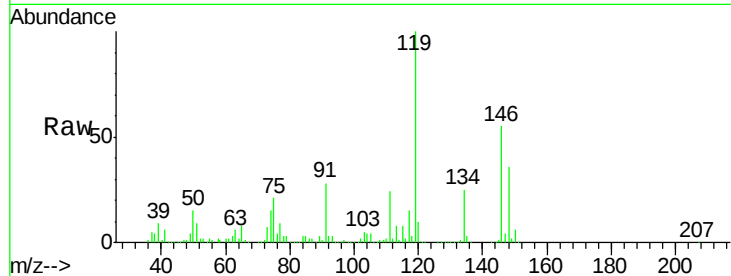
#87
 1,3-Dichlorobenzene
 Concen: 100.448 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.4	64.3
148	64.3	31.9	95.7

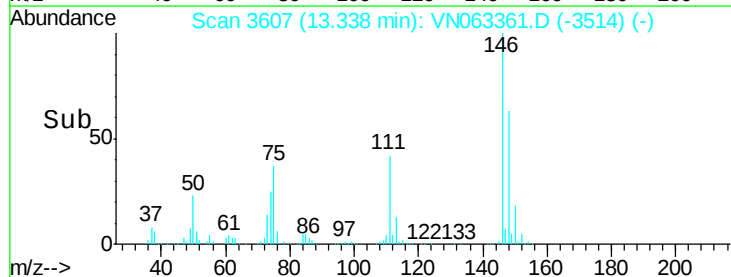
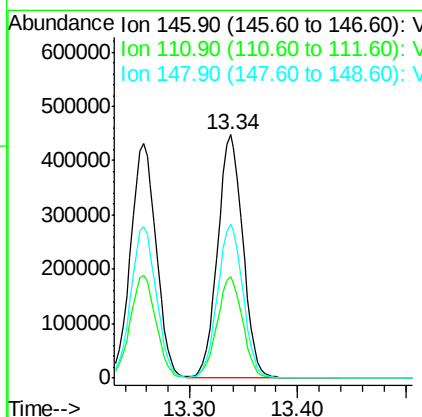
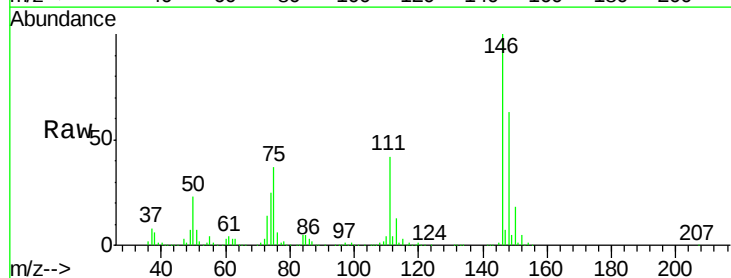
Manual Integrations
 APPROVED

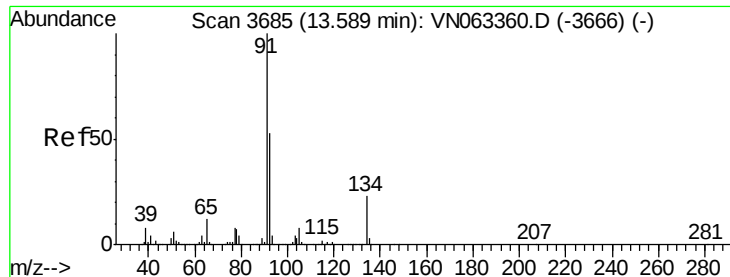
MMDadoda
 9/17/2020 1:07:54 PM



#88
 1,4-Dichlorobenzene
 Concen: 98.569 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.2	63.6
148	63.4	31.9	95.9





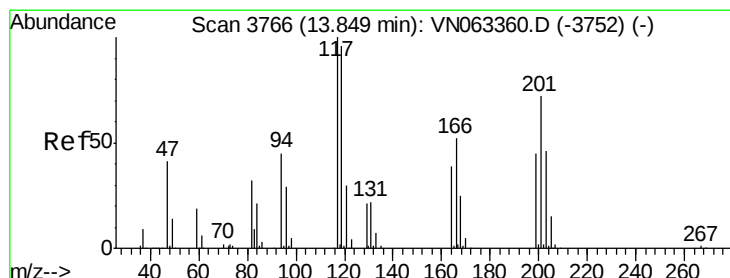
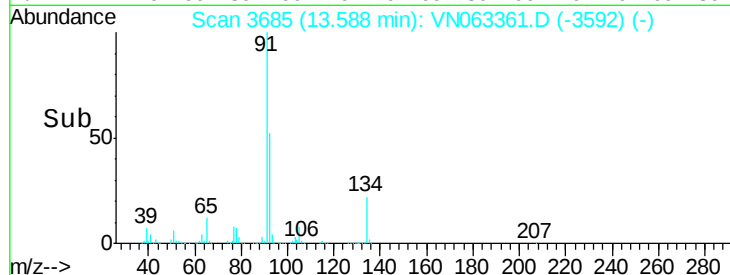
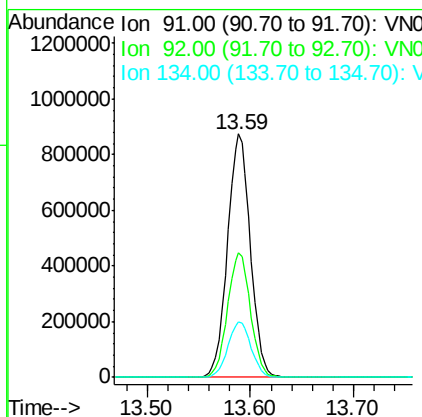
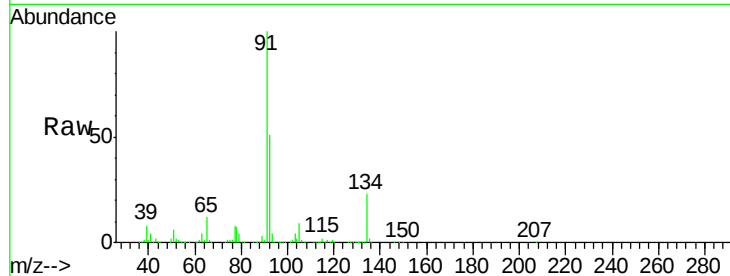
#89
n-Butylbenzene
Concen: 107.216 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	23.2	11.7	35.0

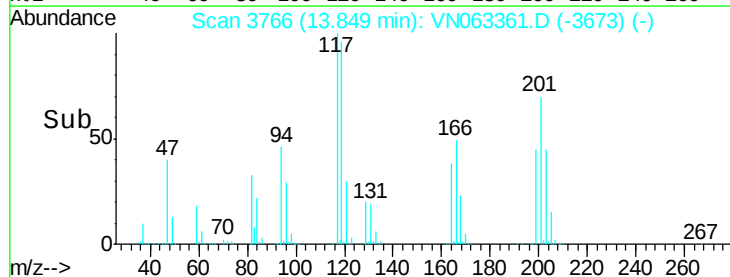
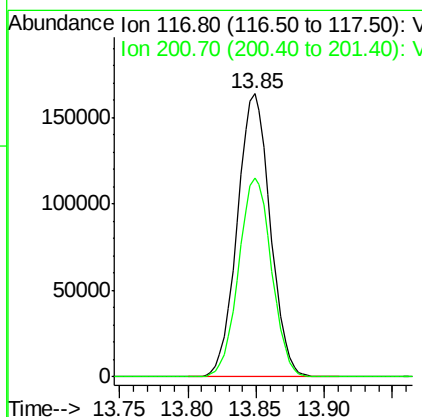
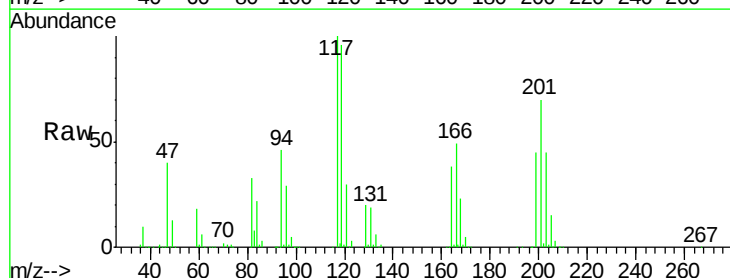
Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#90
Hexachloroethane
Concen: 118.809 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.1	35.5	106.7





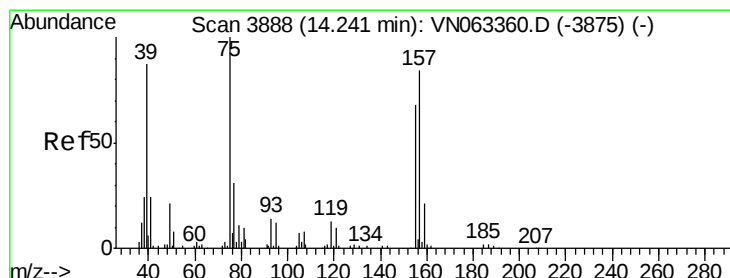
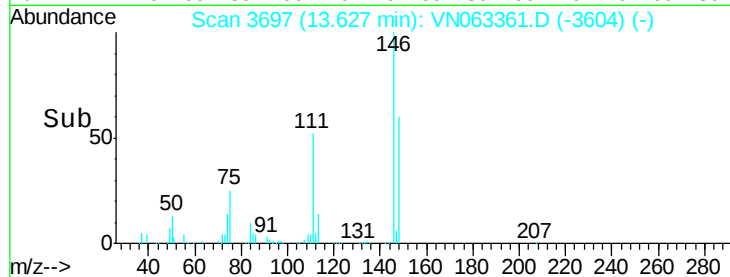
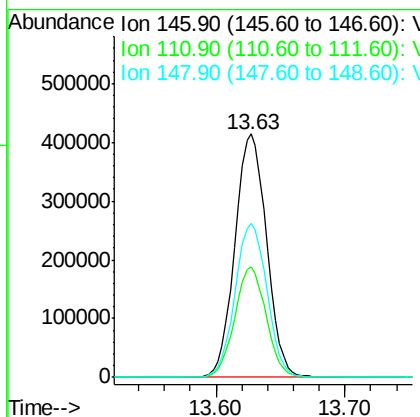
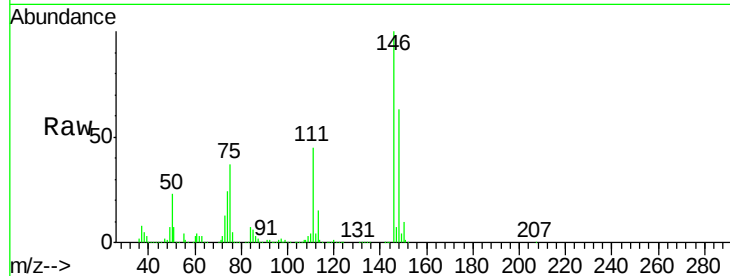
#91
 1,2-Dichlorobenzene
 Concen: 100.481 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	707297		
111	45.0		22.4	67.2
148	63.7		32.0	96.0

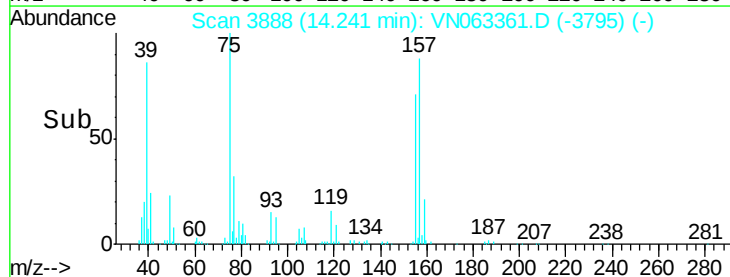
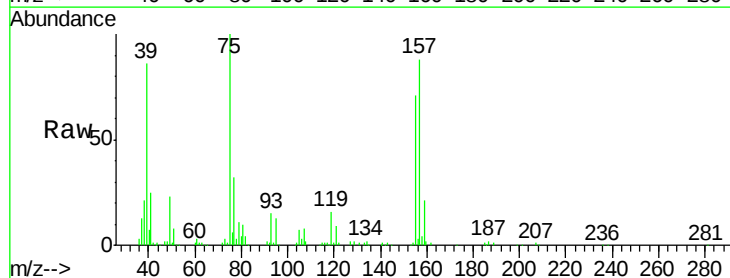
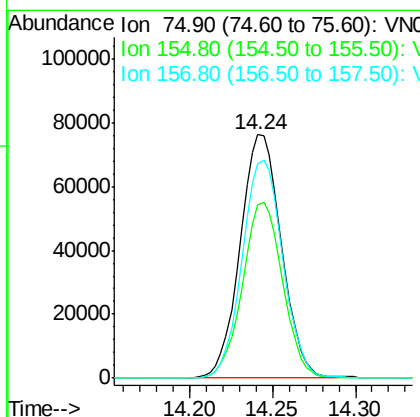
Manual Integrations
 APPROVED

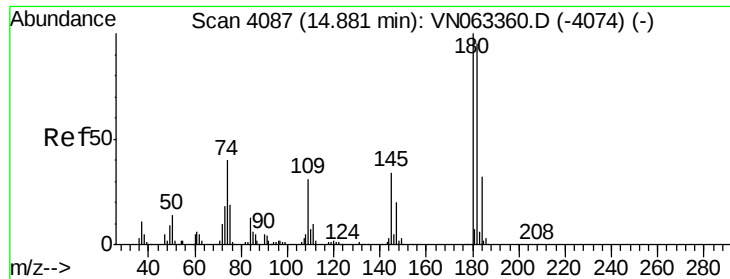
MMDadoda
 9/17/2020 1:07:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 117.367 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131766		
155	70.2		34.6	103.9
157	88.5		43.7	131.1





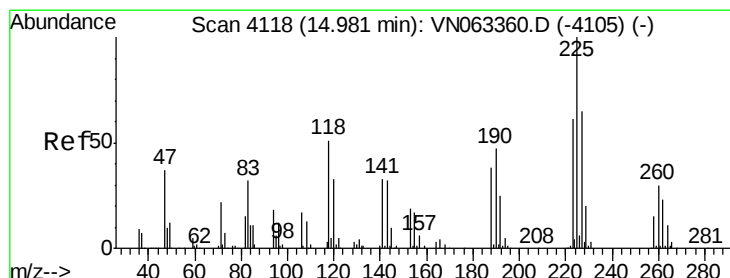
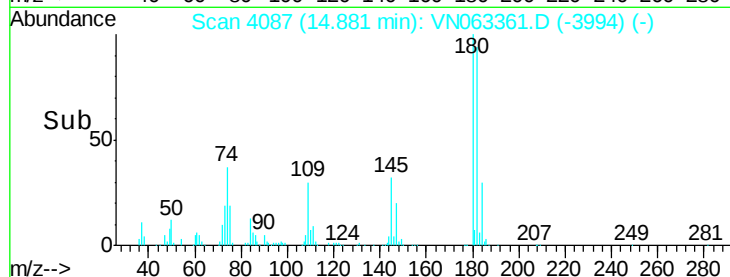
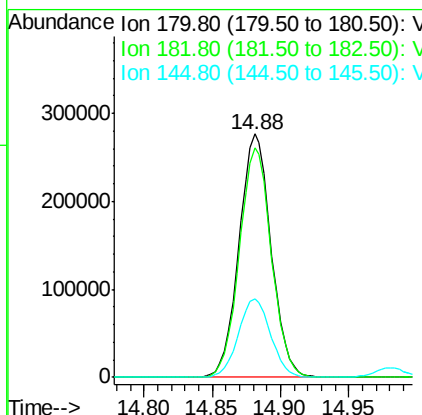
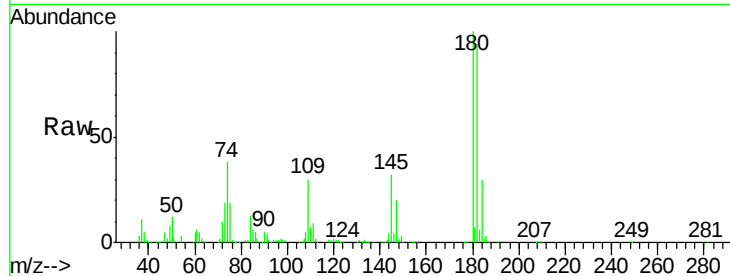
#93
 1,2,4-Trichlorobenzene
 Concen: 108.362 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	449519		
182	94.3	47.3	142.0	
145	32.6	16.6	49.7	

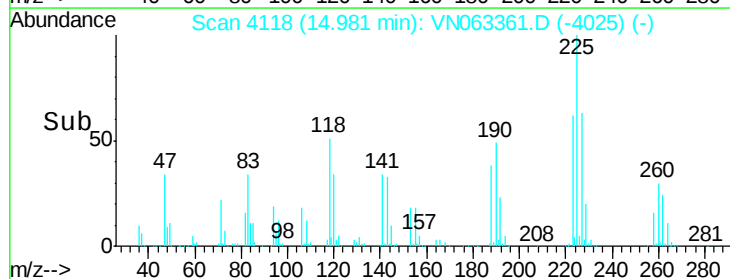
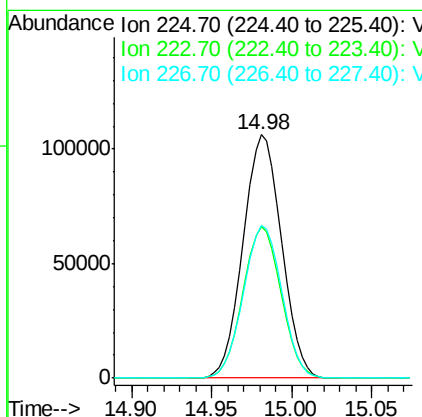
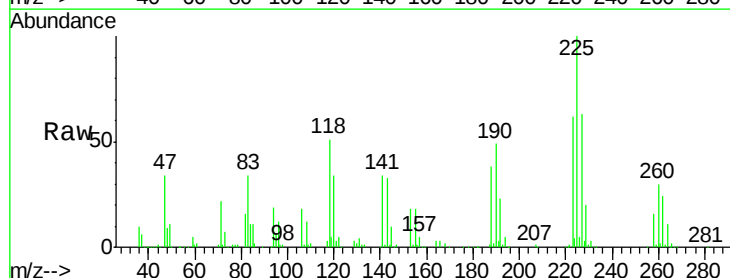
Manual Integrations
 APPROVED

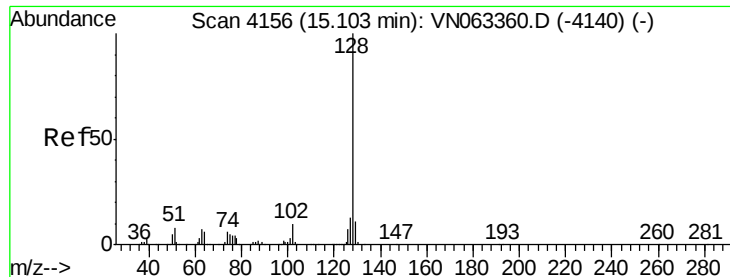
MMDadoda
 9/17/2020 1:07:54 PM



#94
 Hexachlorobutadiene
 Concen: 98.193 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174340		
223	61.9	30.6	91.6	
227	62.8	31.2	93.6	





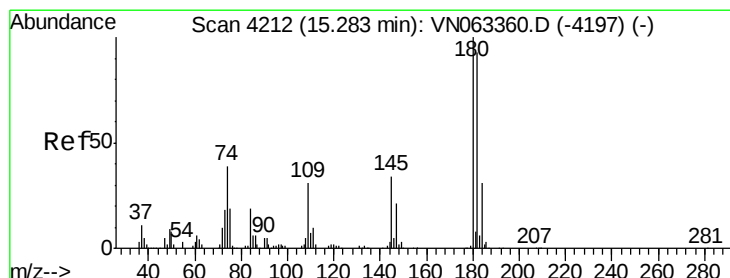
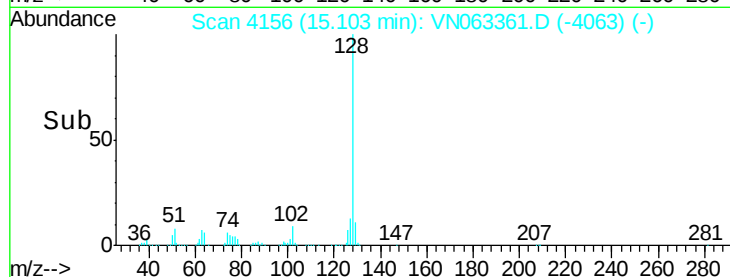
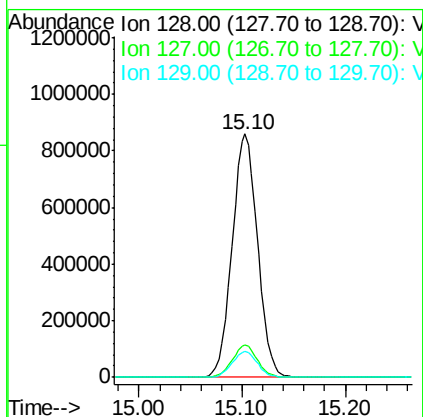
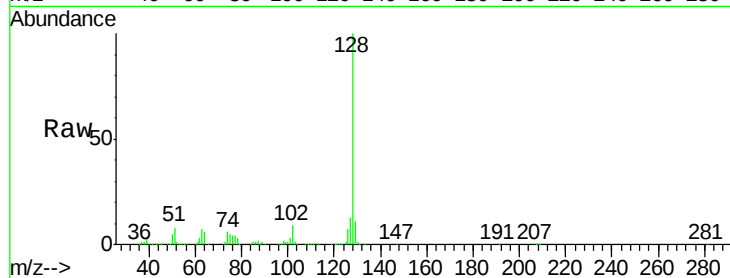
#95
Naphthalene
Concen: 109.171 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 105.705 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.7	140.1
145	34.8	16.8	50.3

