

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064722.D
 Acq On : 18 Nov 2020 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:12:34 PM

Quant Time: Nov 19 03:00:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	273286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	230987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	238012	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.55	113	129174	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	10.06	98	623016	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.37	95	230819	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	169141	49.533	ug/l	100
3) Chloromethane	2.04	50	188784	49.996	ug/l	99
4) Vinyl Chloride	2.17	62	197842	50.215	ug/l	99
5) Bromomethane	2.53	94	139239	48.194	ug/l	95
6) Chloroethane	2.67	64	137574	51.752	ug/l	100
7) Trichlorofluoromethane	2.99	101	354331	50.213	ug/l	99
8) Diethyl Ether	3.37	74	117629	51.662	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	150888	49.479	ug/l	99
10) Methyl Iodide	3.91	142	190887	52.365	ug/l	100
11) Tert butyl alcohol	4.74	59	132439	283.955	ug/l	99
12) 1,1-Dichloroethene	3.69	96	146186	49.755	ug/l	95
13) Acrolein	3.57	56	31355	287.140	ug/l	96
14) Allyl chloride	4.27	41	266502	52.826	ug/l	99
15) Acrylonitrile	4.93	53	374165	273.205	ug/l	100
16) Acetone	3.78	43	341840	292.995	ug/l	96
17) Carbon Disulfide	4.01	76	429794	50.300	ug/l	99
18) Methyl Acetate	4.28	43	178425	50.559	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	528654	53.773	ug/l	100
20) Methylene Chloride	4.50	84	178048	50.013	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	164114	50.060	ug/l	93
22) Diisopropyl ether	5.91	45	580205	54.459	ug/l	97
23) Vinyl Acetate	5.84	43	2337663	271.879	ug/l	100
24) 1,1-Dichloroethane	5.80	63	321929	51.575	ug/l	99
25) 2-Butanone	6.79	43	531854	289.361	ug/l	99
26) 2,2-Dichloropropane	6.78	77	293920	49.553	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	192453	53.246	ug/l	98
28) Bromochloromethane	7.15	49	156781	49.815	ug/l	100
29) Tetrahydrofuran	7.17	42	347376	279.714	ug/l	99
30) Chloroform	7.33	83	358370	52.831	ug/l	96
31) Cyclohexane	7.61	56	255599	49.177	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	319800	51.580	ug/l	99
36) 1,1-Dichloropropene	7.75	75	254541	50.089	ug/l	98
37) Ethyl Acetate	6.88	43	237811	55.887	ug/l	99
38) Carbon Tetrachloride	7.73	117	280527	51.943	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064722.D
 Acq On : 18 Nov 2020 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:12:34 PM

Quant Time: Nov 19 03:00:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	226971	50.407	ug/l	99
40) Benzene	8.00	78	732154	51.708	ug/l	99
41) Methacrylonitrile	7.13	41	119885	61.469	ug/l	90
42) 1,2-Dichloroethane	8.08	62	312050	51.221	ug/l	98
43) Isopropyl Acetate	8.13	43	416491	50.498	ug/l	98
44) Trichloroethene	8.80	130	201046	49.475	ug/l	98
45) 1,2-Dichloropropane	9.08	63	196150	51.970	ug/l	99
46) Dibromomethane	9.17	93	138529	51.779	ug/l	98
47) Bromodichloromethane	9.37	83	290769	51.698	ug/l	99
48) Methyl methacrylate	9.16	41	206201	52.986	ug/l	99
49) 1,4-Dioxane	9.17	88	56080	1155.044	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1254640	251.947	ug/l	99
52) Toluene	10.12	92	480545	55.103	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	311404	51.733	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	321570	51.882	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	184020	52.610	ug/l	98
56) Ethyl methacrylate	10.40	69	272941	47.669	ug/l	100
57) 1,3-Dichloropropane	10.68	76	316048	52.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	736650	235.459	ug/l	99
59) 2-Hexanone	10.72	43	910171	248.889	ug/l	99
60) Dibromochloromethane	10.87	129	210479	52.083	ug/l	99
61) 1,2-Dibromoethane	10.97	107	192315	51.548	ug/l	99
64) Tetrachloroethene	10.60	164	208215	50.633	ug/l	99
65) Chlorobenzene	11.41	112	495893	50.257	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	191000	51.806	ug/l	97
67) Ethyl Benzene	11.48	91	919856	52.873	ug/l	100
68) m/p-Xylenes	11.59	106	685052	97.094	ug/l	99
69) o-Xylene	11.92	106	327163	53.902	ug/l	99
70) Styrene	11.94	104	560544	47.487	ug/l	99
71) Bromoform	12.10	173	135697	47.477	ug/l #	99
73) Isopropylbenzene	12.22	105	846707	51.628	ug/l	99
74) N-amyl acetate	12.04	43	389129	50.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	226560	49.411	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	236642m	47.547	ug/l	
77) Bromobenzene	12.50	156	202225	48.890	ug/l	99
78) n-propylbenzene	12.56	91	992016	51.940	ug/l	99
79) 2-Chlorotoluene	12.65	91	608663	49.793	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	724658	53.192	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	88643	46.024	ug/l	97
82) 4-Chlorotoluene	12.75	91	655988	50.328	ug/l	99
83) tert-Butylbenzene	12.97	119	557344	52.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	742651	53.412	ug/l	99
85) sec-Butylbenzene	13.14	105	747420	53.206	ug/l	99
86) p-Isopropyltoluene	13.26	119	686363	53.126	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	368450	48.888	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	367415	47.486	ug/l	99
89) n-Butylbenzene	13.59	91	604640	50.132	ug/l	98
90) Hexachloroethane	13.85	117	114231	53.484	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	355137	48.213	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58675	48.765	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
Data File : VN064722.D
Acq On : 18 Nov 2020 21:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

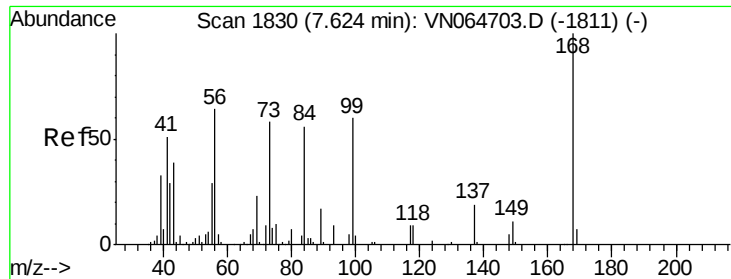
Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:12:34 PM

Quant Time: Nov 19 03:00:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	187867	46.957	ug/l	99
94) Hexachlorobutadiene	14.98	225	77590	47.235	ug/l	98
95) Naphthalene	15.10	128	660613	50.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	184288	47.984	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 273286

Ion Ratio Lower Upper

168 100

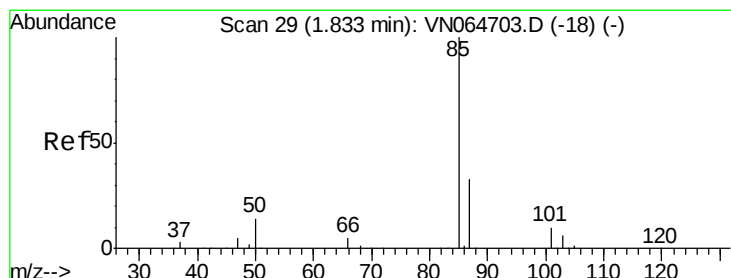
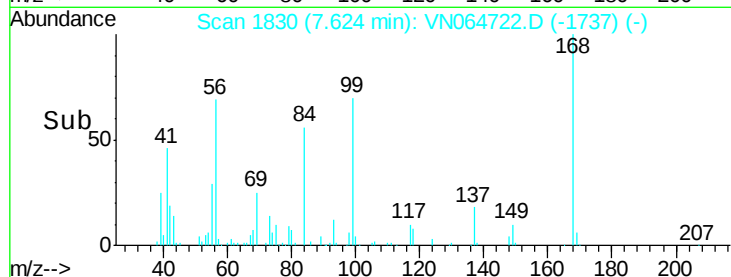
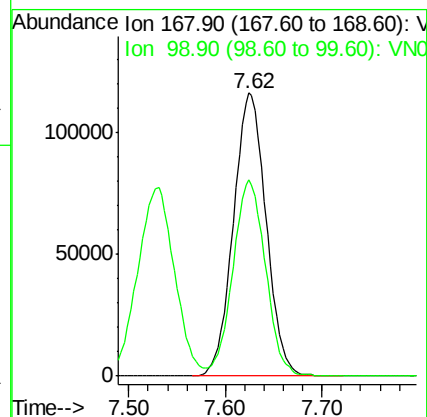
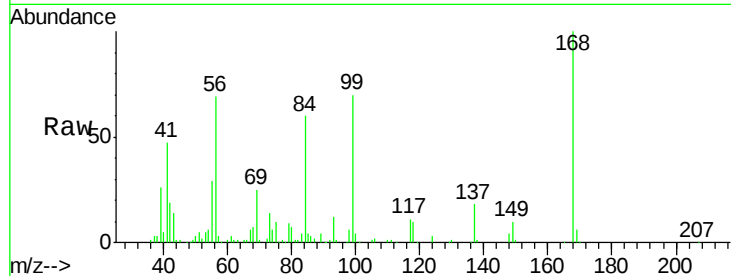
99 69.3 55.7 83.5

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:34 PM



#2

Dichlorodifluoromethane

Concen: 49.533 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064722.D

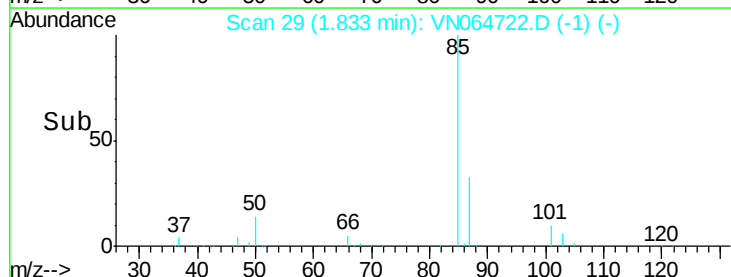
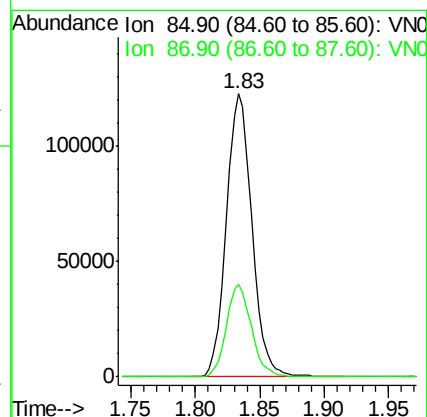
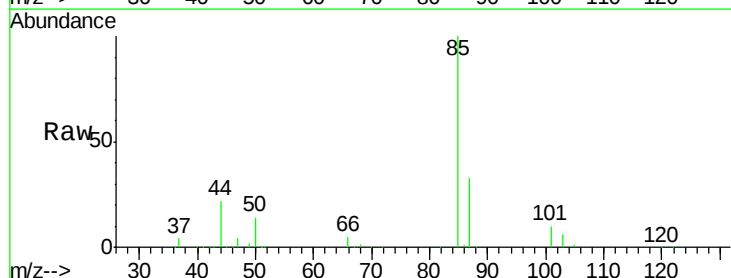
Acq: 18 Nov 2020 21:24

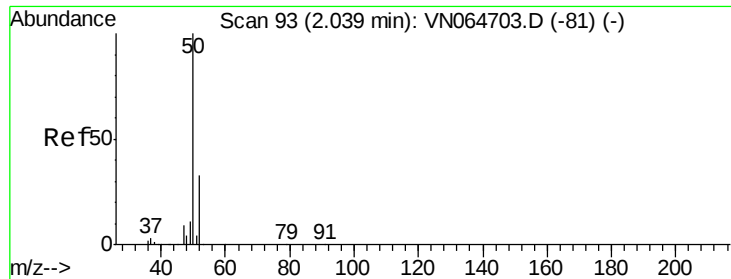
Tgt Ion: 85 Resp: 169141

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2





#3

Chloromethane

Concen: 49.996 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 188784

Ion Ratio Lower Upper

50 100

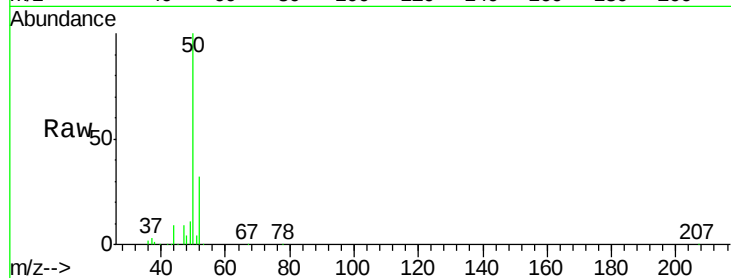
52 32.4 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:34 PM



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

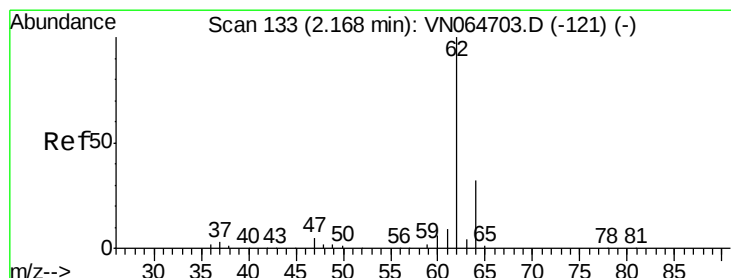
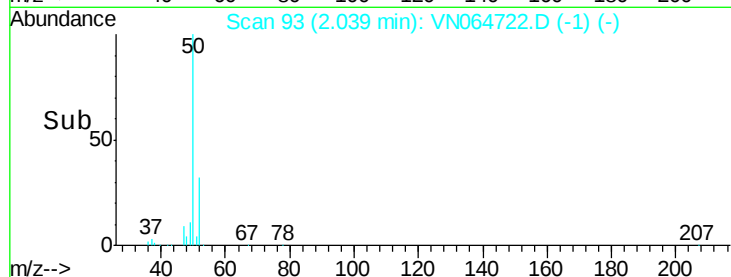
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.215 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064722.D

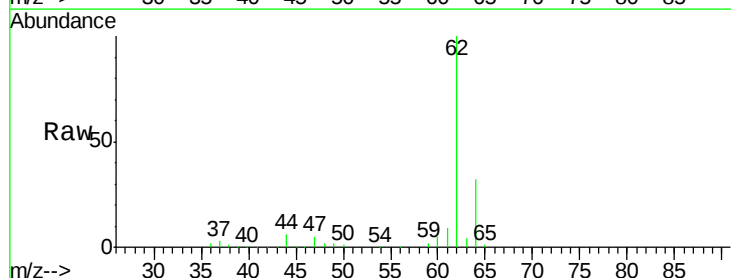
Acq: 18 Nov 2020 21:24

Tgt Ion: 62 Resp: 197842

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

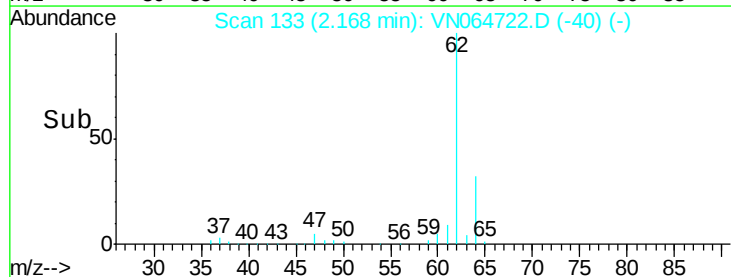
150000

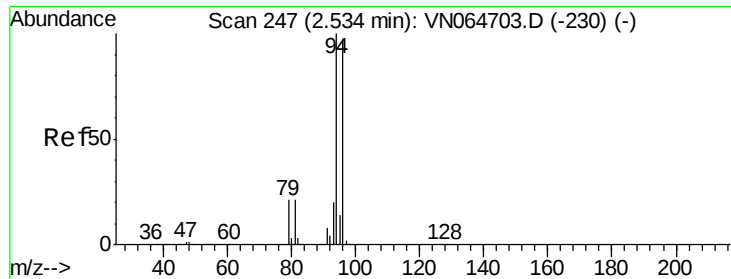
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.194 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 139239

Ion Ratio Lower Upper

94 100

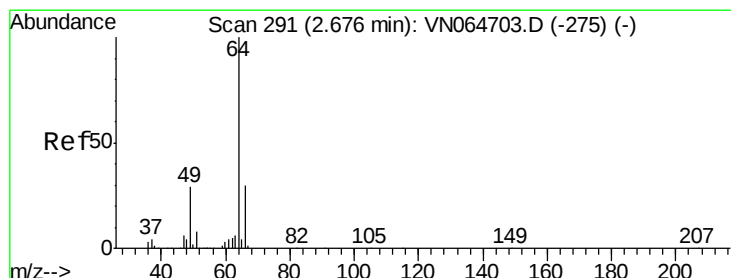
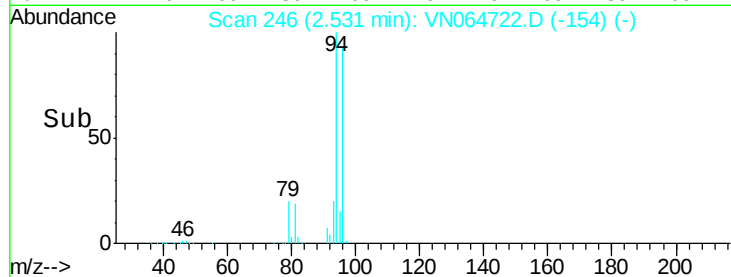
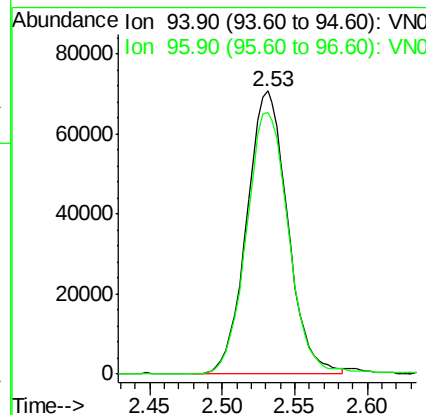
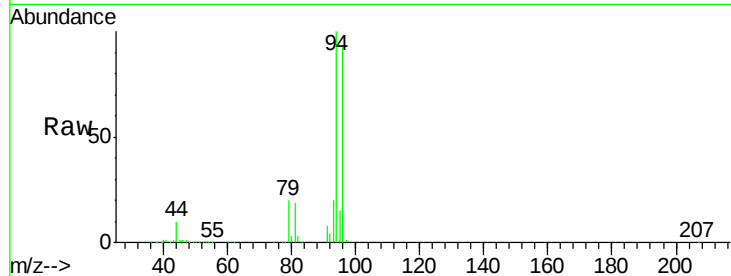
96 92.6 77.8 116.8

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:34 PM



#6

Chloroethane

Concen: 51.752 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064722.D

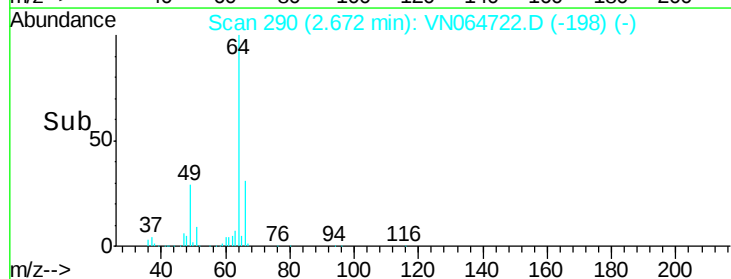
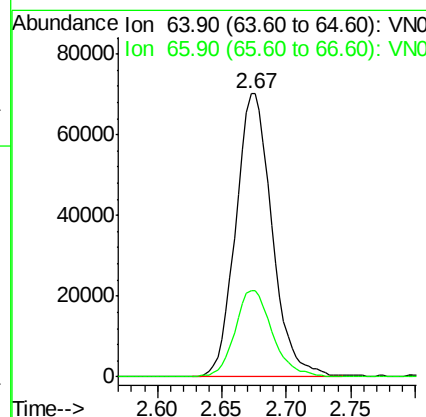
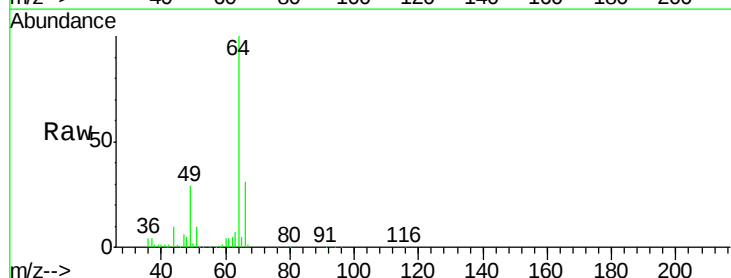
Acq: 18 Nov 2020 21:24

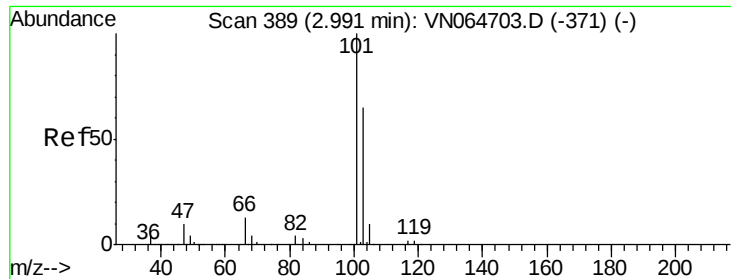
Tgt Ion: 64 Resp: 137574

Ion Ratio Lower Upper

64 100

66 30.4 24.2 36.2





#7

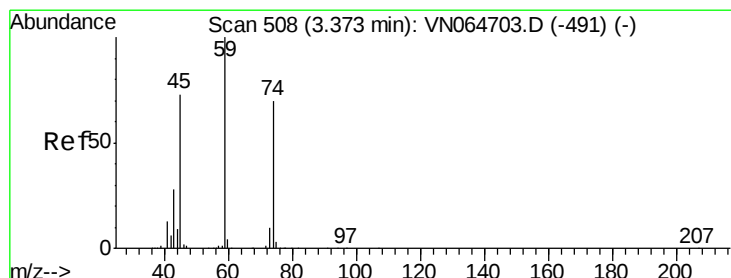
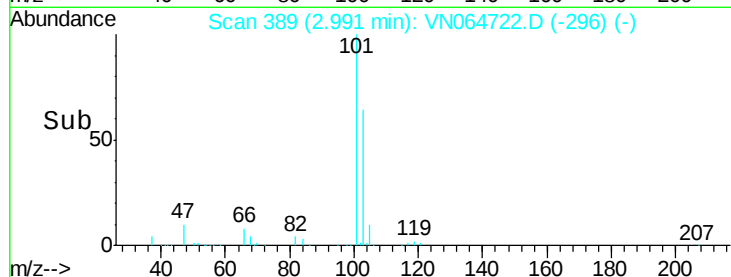
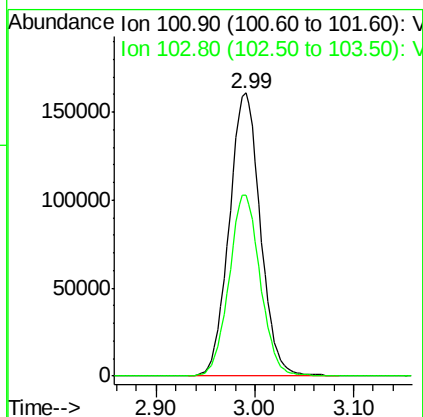
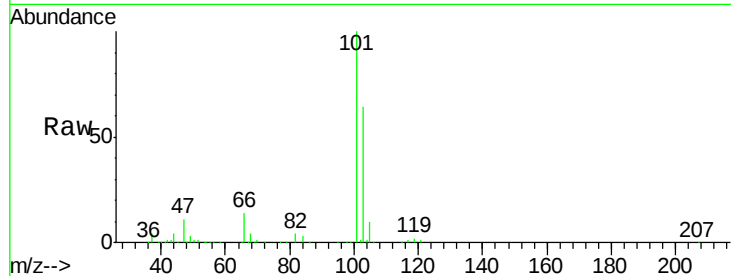
Trichlorofluoromethane
Concen: 50.213 ug/l
RT: 2.99 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.8	77.6

Manual Integrations
APPROVED

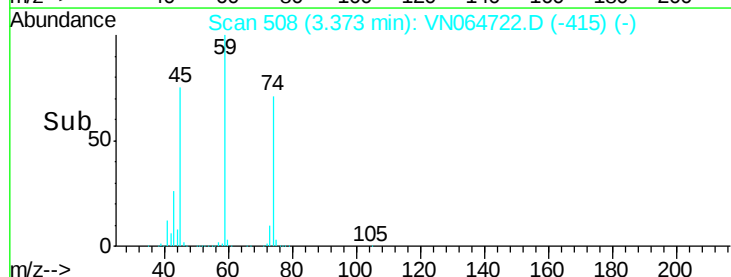
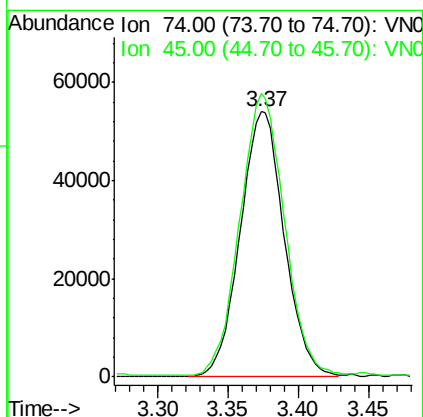
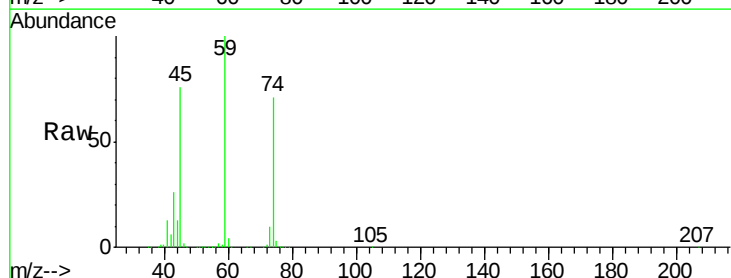
MMDadoda
11/19/2020 2:12:34 PM

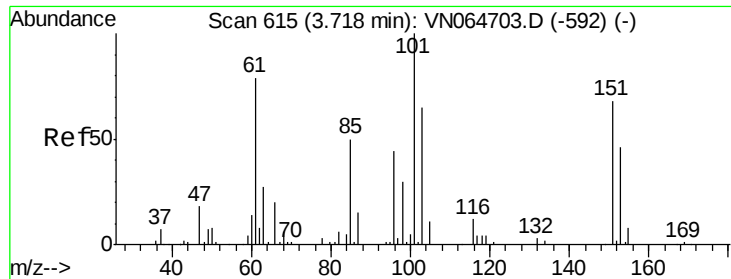


#8

Diethyl Ether
Concen: 51.662 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.8	52.8	158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.479 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

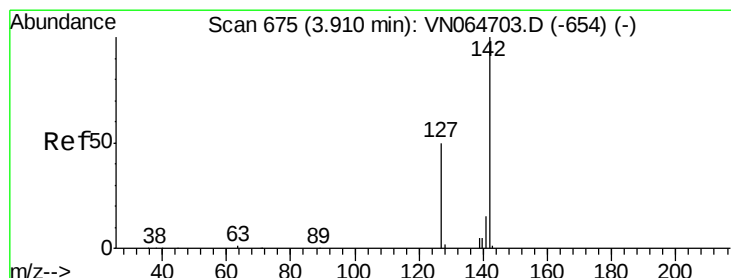
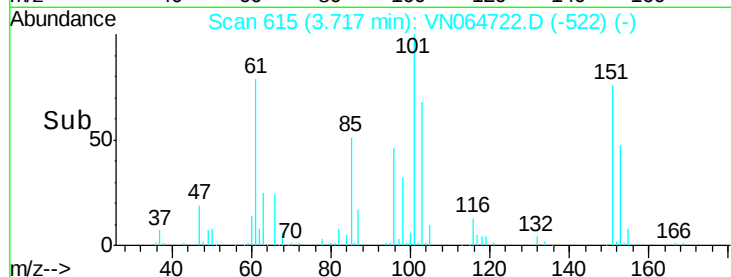
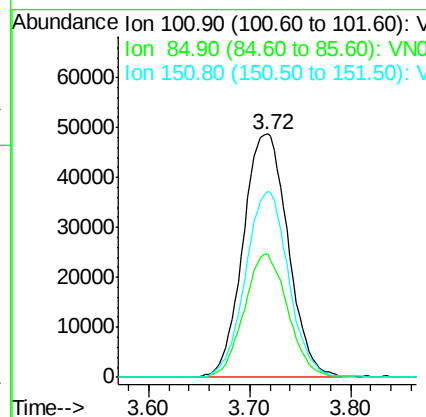
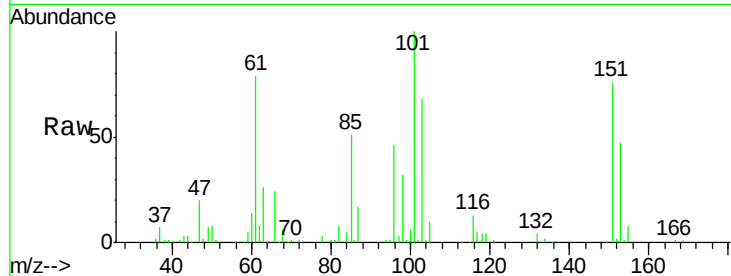
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	150888
Ion Ratio	Lower	Upper	
101	100		
85	48.9	39.0	58.4
151	73.1	57.2	85.8

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:12:34 PM



#10

Methyl Iodide

Concen: 52.365 ug/l

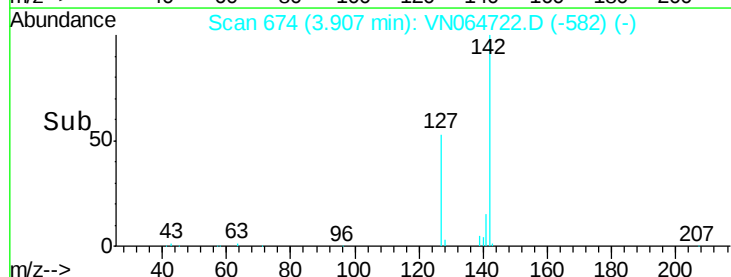
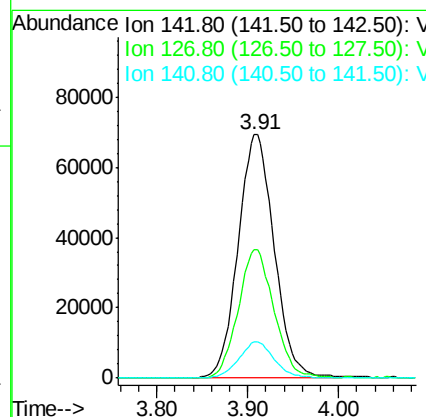
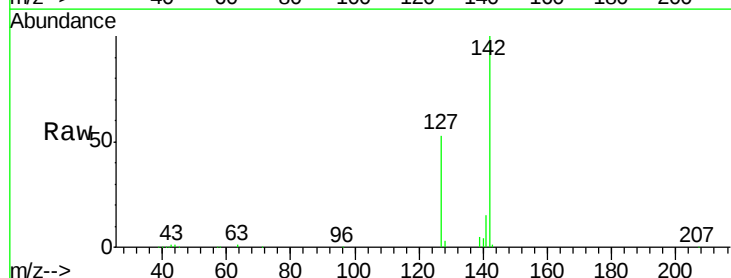
RT: 3.91 min Scan# 674

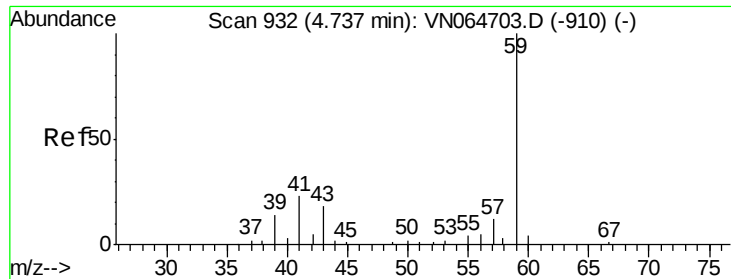
Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Tgt Ion:	142	Resp:	190887
Ion Ratio	Lower	Upper	
142	100		
127	52.4	42.0	63.0
141	14.6	12.1	18.1





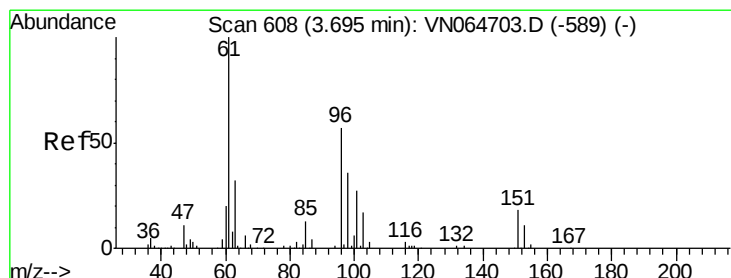
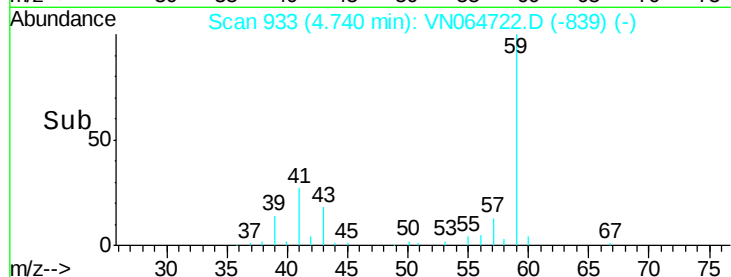
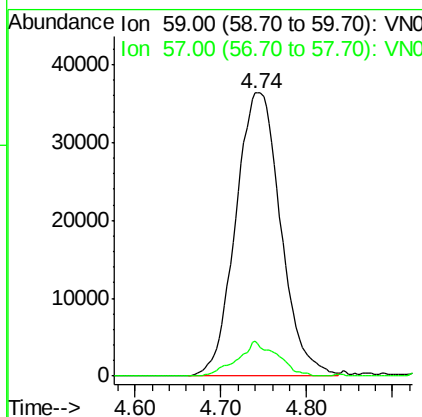
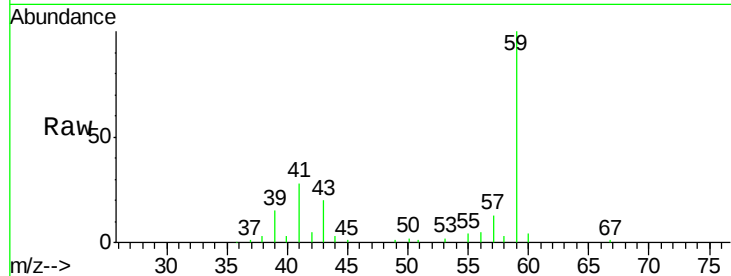
#11
Tert butyl alcohol
Concen: 283.955 ug/l
RT: 4.74 min Scan# 933
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 132439
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7

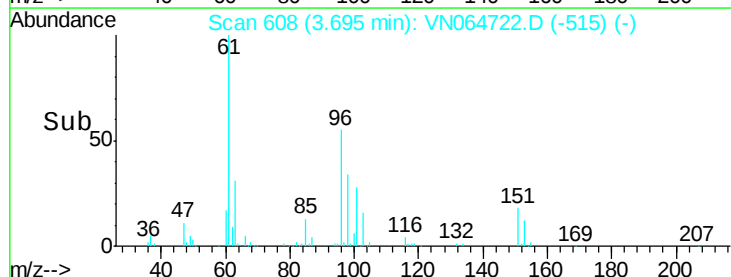
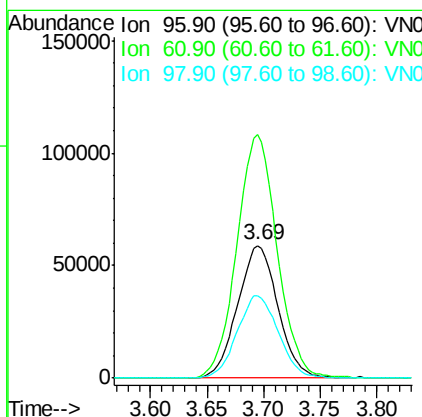
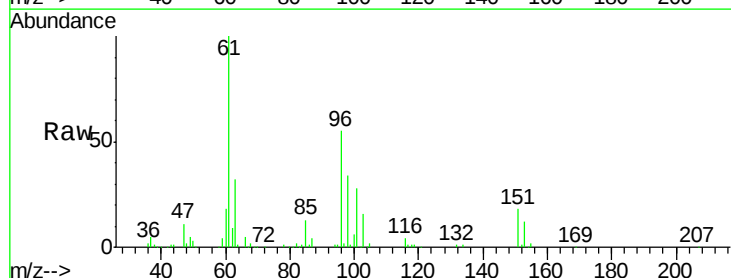
Manual Integrations
APPROVED

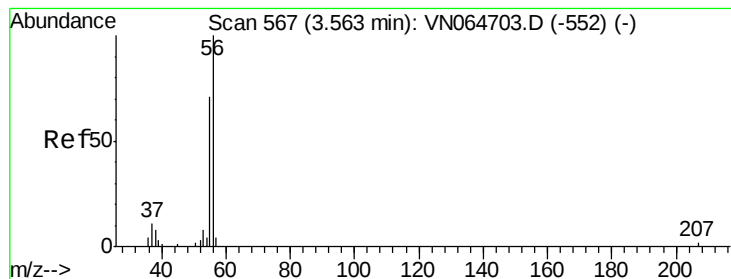
MMDadoda
11/19/2020 2:12:34 PM



#12
1,1-Dichloroethene
Concen: 49.755 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 96 Resp: 146186
Ion Ratio Lower Upper
96 100
61 183.3 139.1 208.7
98 62.3 50.2 75.2





#13

Acrolein

Concen: 287.140 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 31355

Ion Ratio Lower Upper

56 100

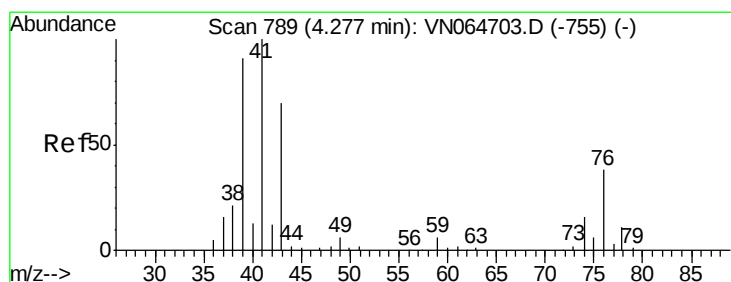
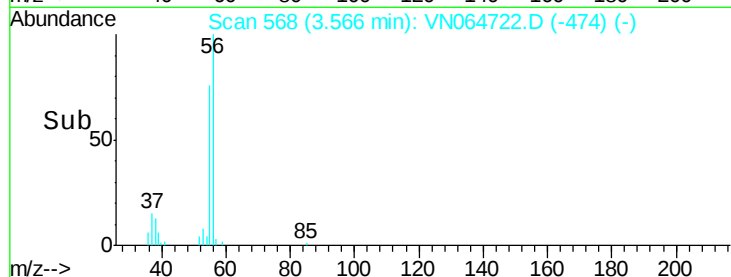
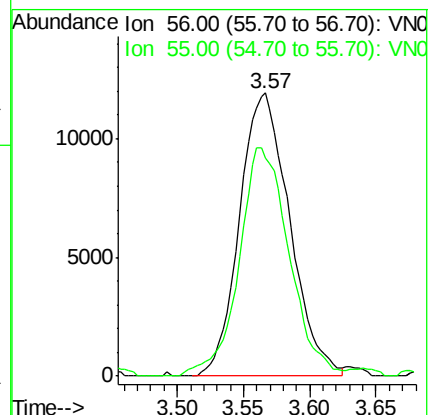
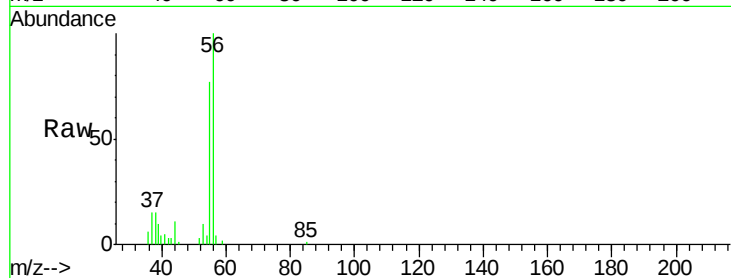
55 80.6 61.8 92.6

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:34 PM



#14

Allyl chloride

Concen: 52.826 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

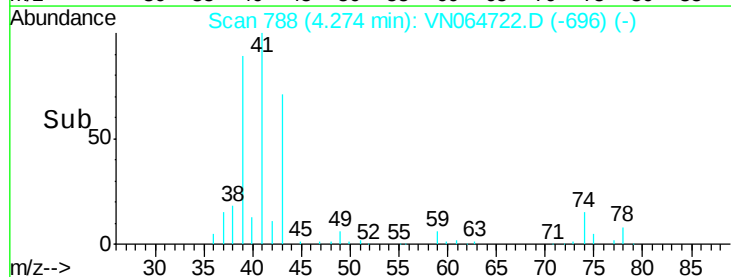
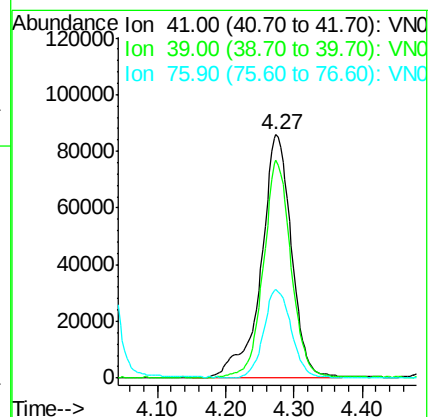
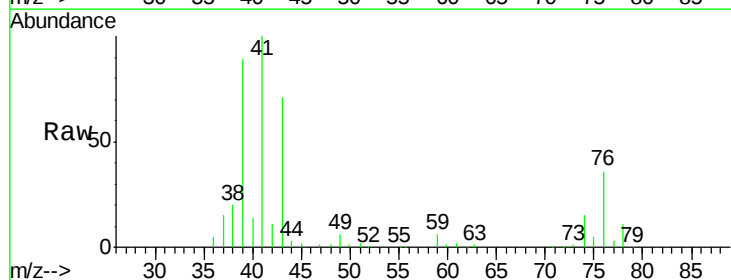
Tgt Ion: 41 Resp: 266502

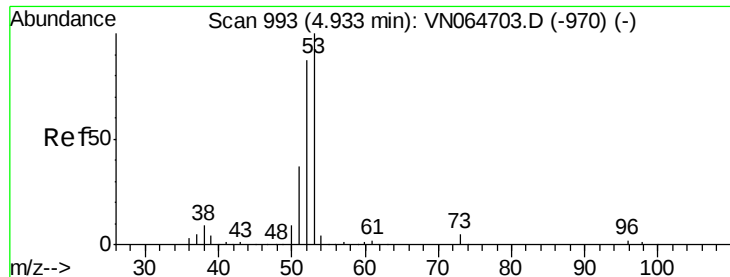
Ion Ratio Lower Upper

41 100

39 81.6 66.1 99.1

76 32.4 26.6 40.0





#15

Acrylonitrile

Concen: 273.205 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

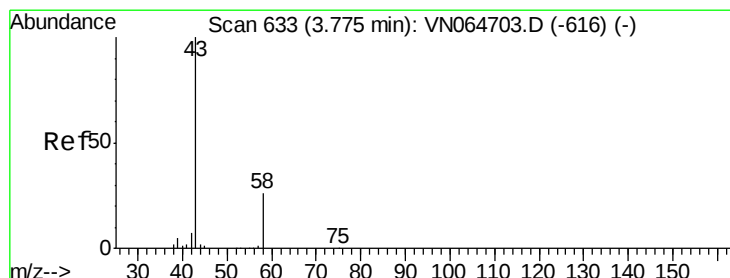
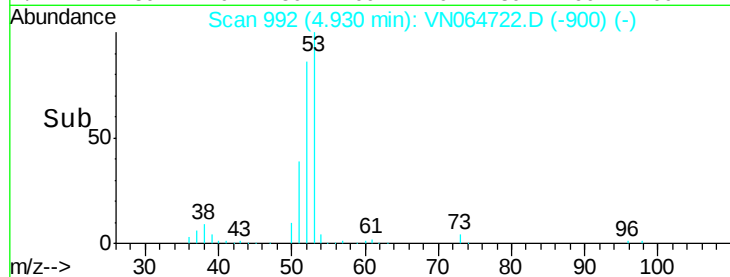
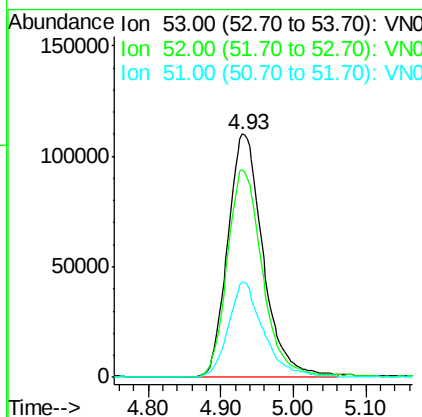
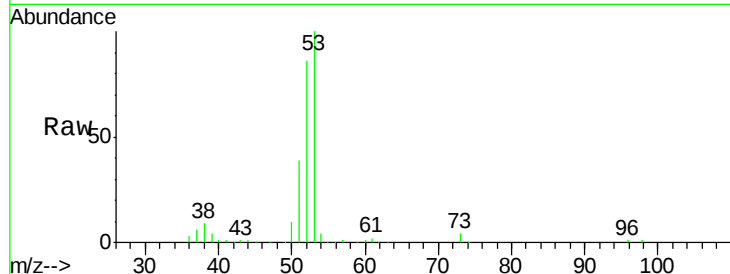
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	374165
Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.2	100.8
51	38.5	31.0	46.6

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:12:34 PM



#16

Acetone

Concen: 292.995 ug/l

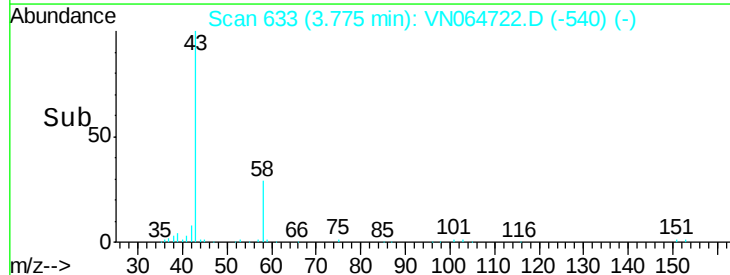
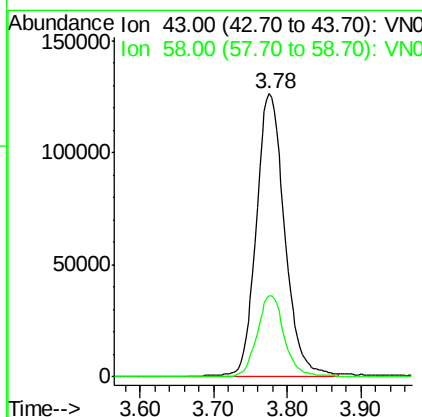
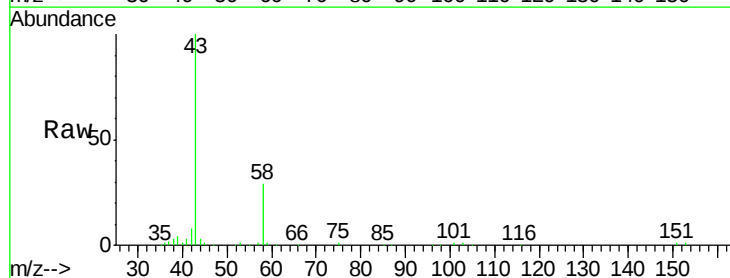
RT: 3.78 min Scan# 633

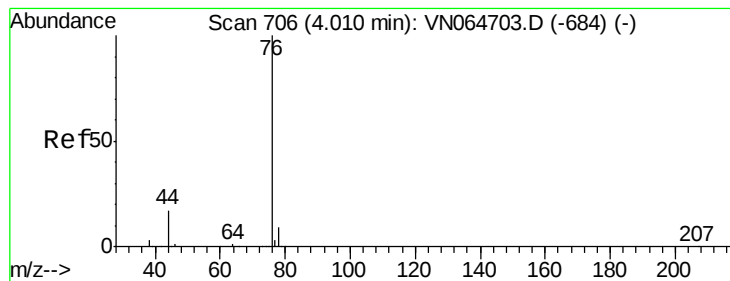
Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Tgt Ion:	43	Resp:	341840
Ion	Ratio	Lower	Upper
43	100		
58	28.4	21.2	31.8





#17

Carbon Disulfide

Concen: 50.300 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 429794

Ion Ratio Lower Upper

76 100

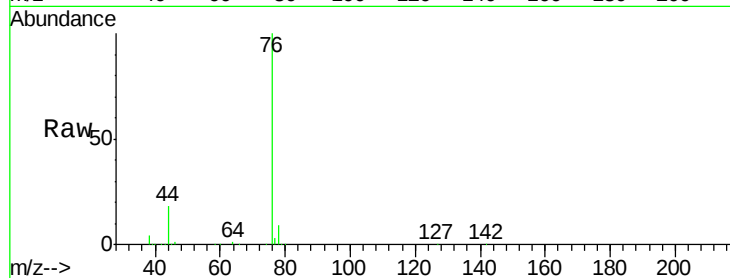
78 9.2 7.1 10.7

Manual Integrations

APPROVED

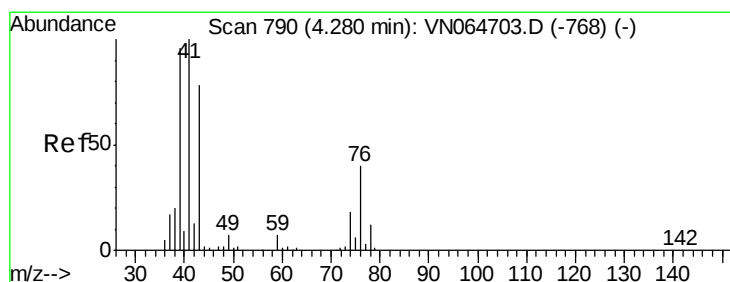
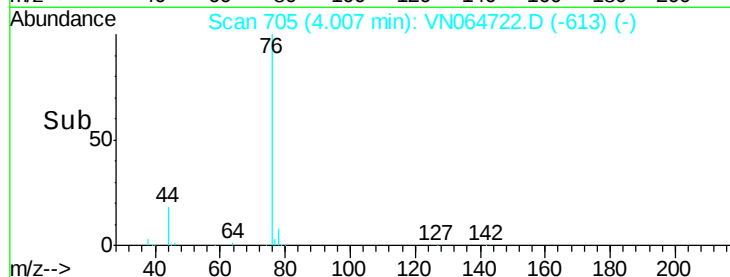
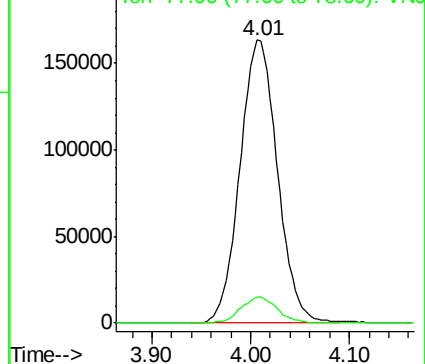
MMDadoda

11/19/2020 2:12:34 PM



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 50.559 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064722.D

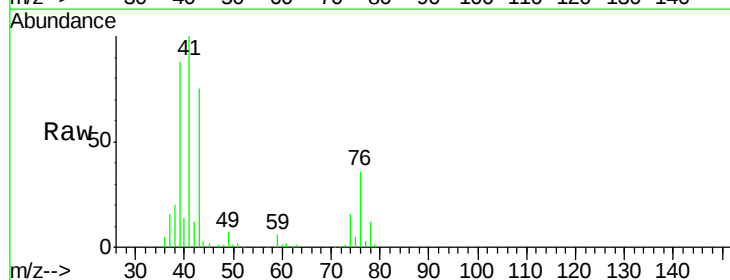
Acq: 18 Nov 2020 21:24

Tgt Ion: 43 Resp: 178425

Ion Ratio Lower Upper

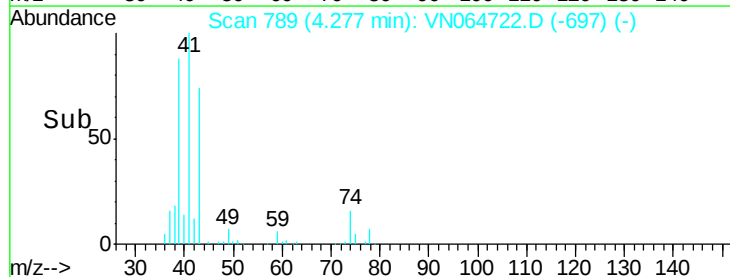
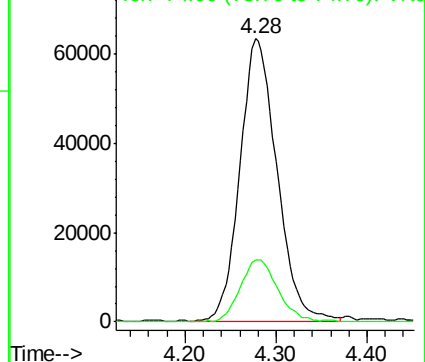
43 100

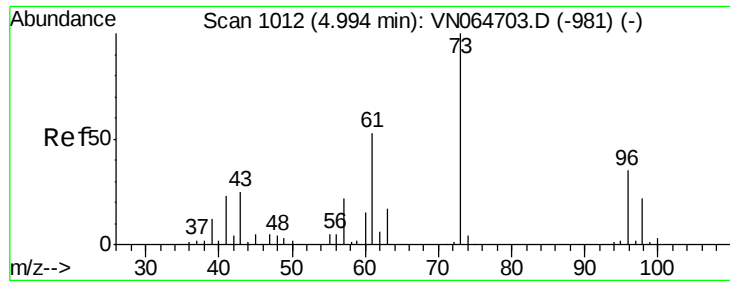
74 21.7 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





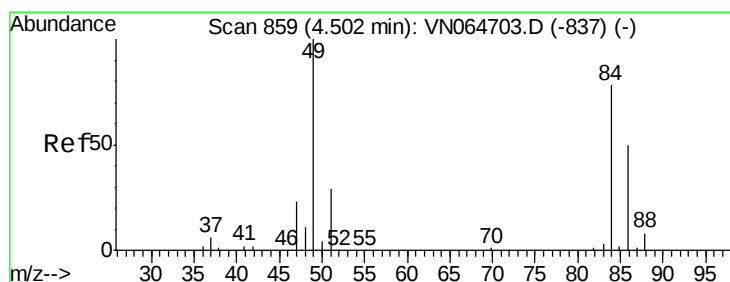
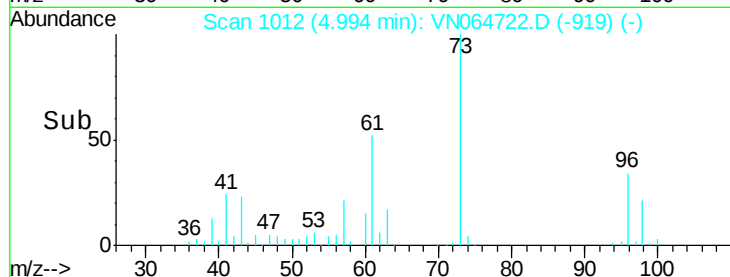
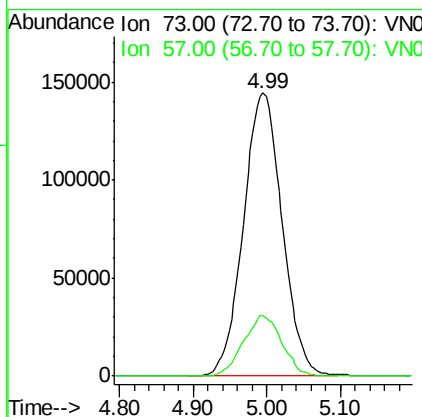
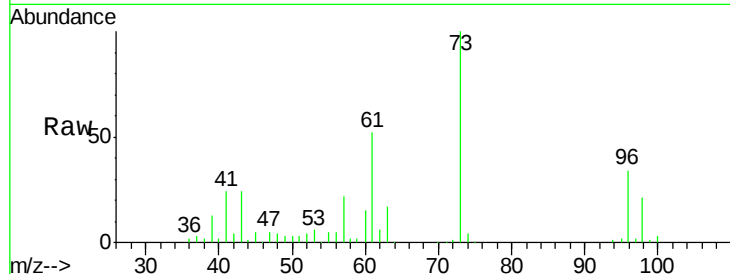
#19
Methvl tert-butvl Ether
Concen: 53.773 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 528654
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

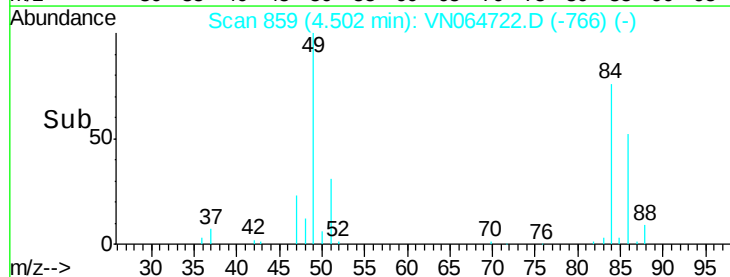
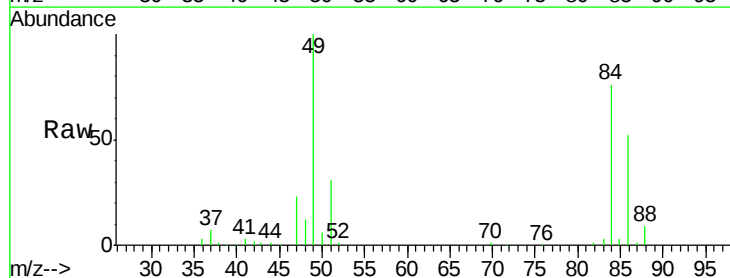
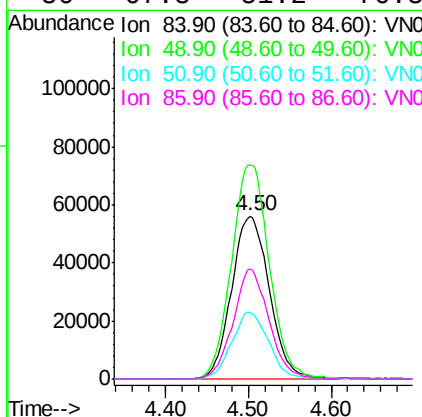
Manual Integrations
APPROVED

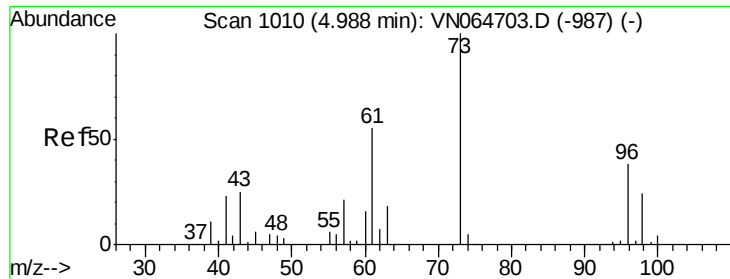
MMDadoda
11/19/2020 2:12:34 PM



#20
Methylene Chloride
Concen: 50.013 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 84 Resp: 178048
Ion Ratio Lower Upper
84 100
49 130.9 102.4 153.6
51 40.8 29.4 44.2
86 67.8 51.2 76.8





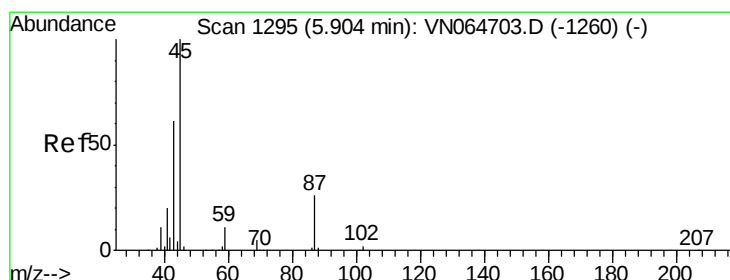
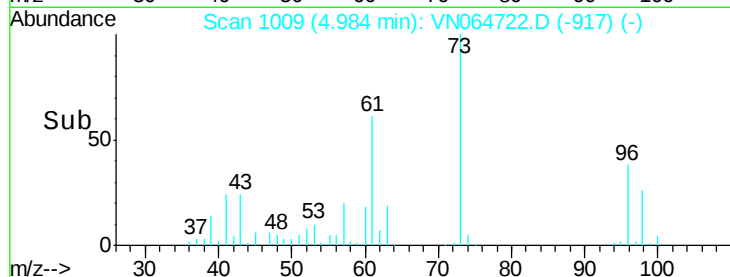
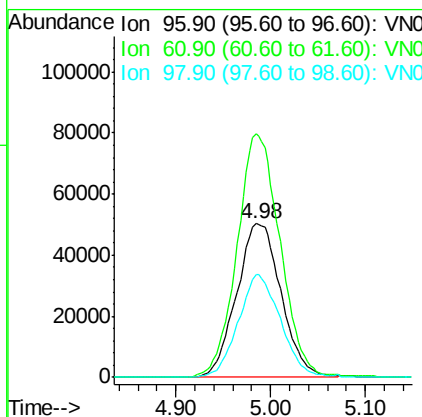
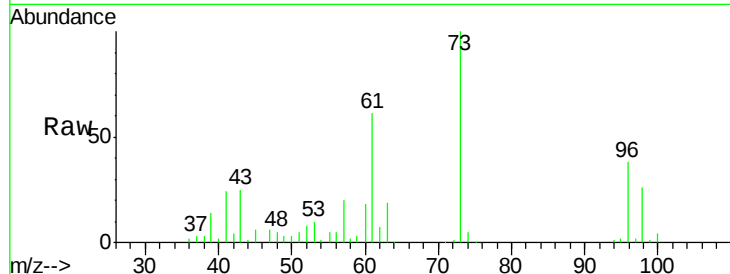
#21
trans-1,2-Dichloroethene
Concen: 50.060 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.6	117.9	176.9
98	66.6	51.1	76.7

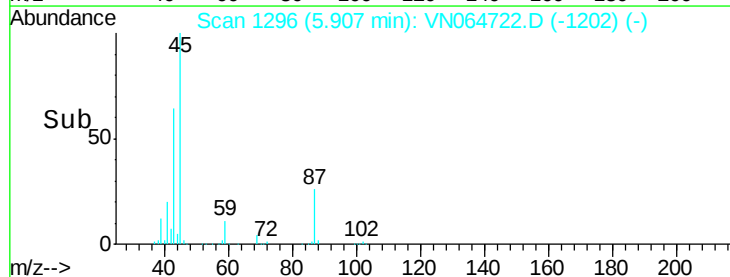
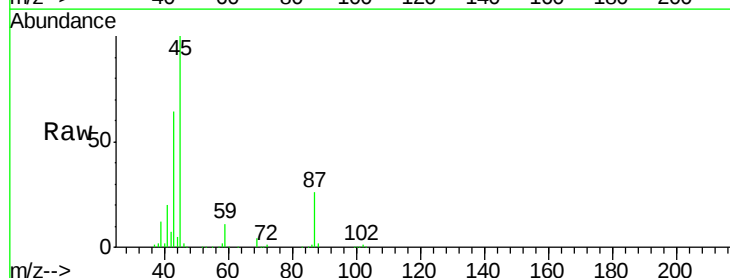
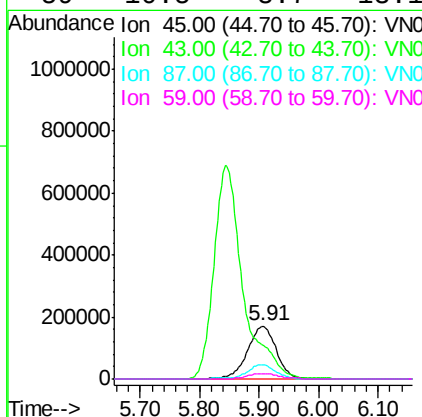
Manual Integrations
APPROVED

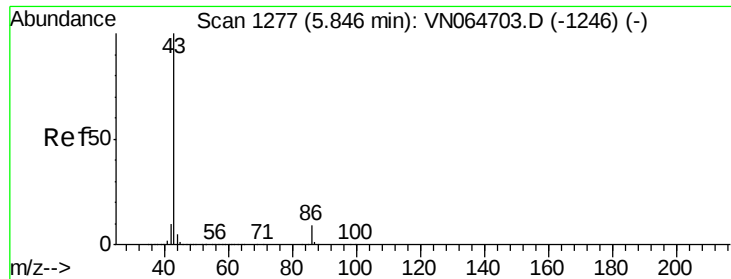
MMDadoda
11/19/2020 2:12:34 PM



#22
Diisopropyl ether
Concen: 54.459 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.8	52.3	78.5
87	26.1	21.6	32.4
59	10.5	8.7	13.1





#23

Vinyl Acetate

Concen: 271.879 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2337663

Ion Ratio Lower Upper

43 100

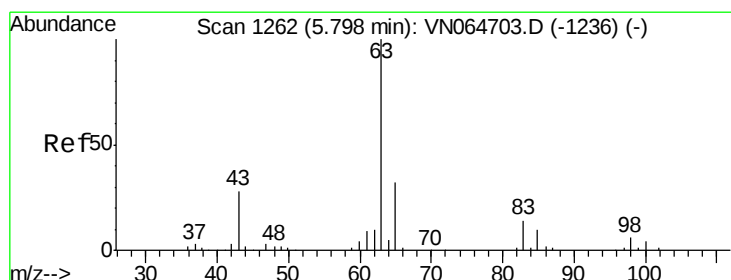
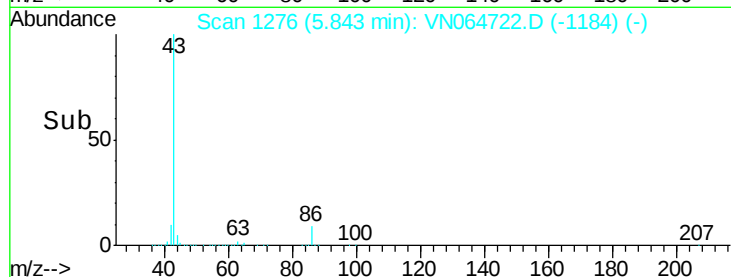
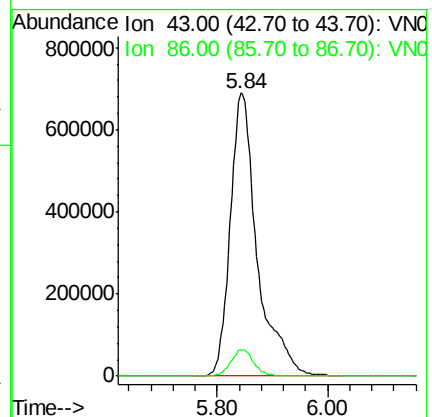
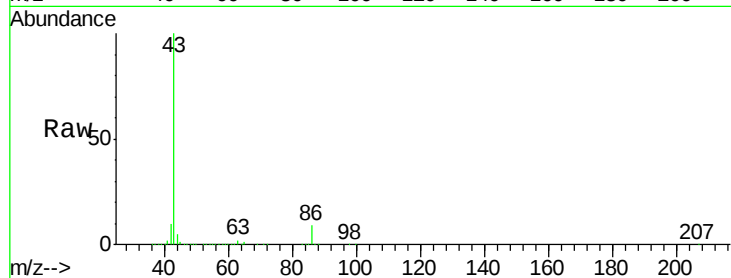
86 9.2 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:34 PM



#24

1,1-Dichloroethane

Concen: 51.575 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

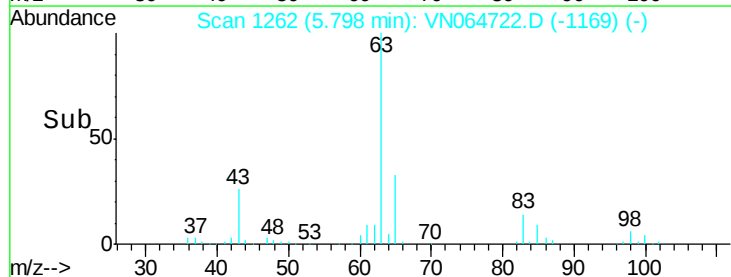
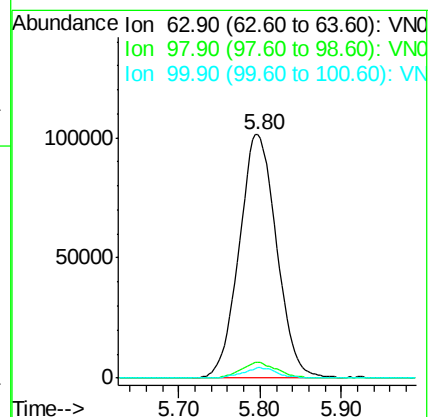
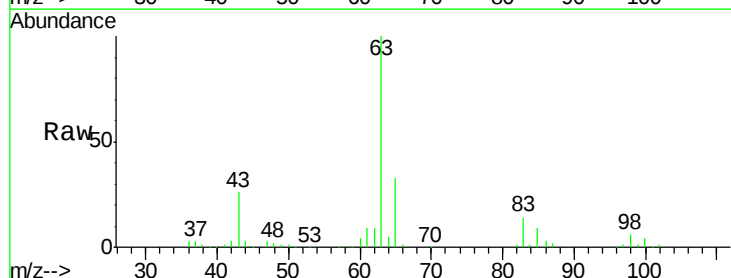
Tgt Ion: 63 Resp: 321929

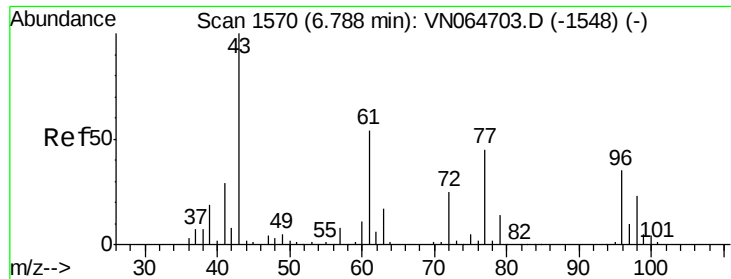
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.3 1.9 5.7





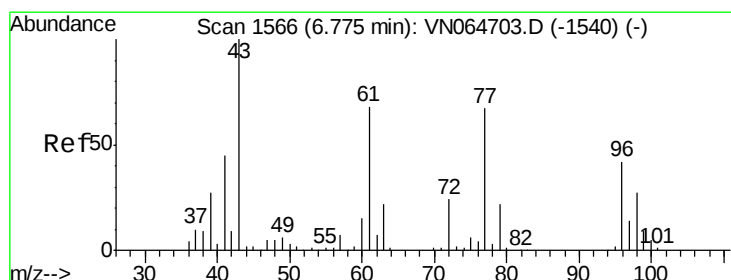
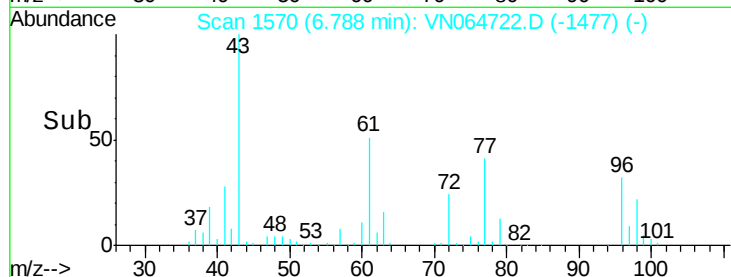
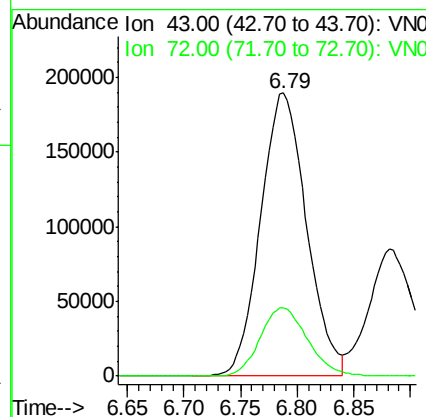
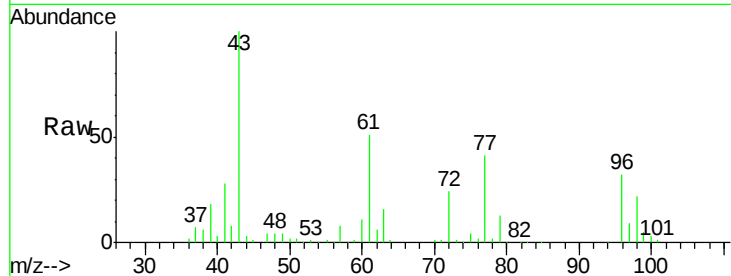
#25
2-Butanone
Concen: 289.361 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 531854
Ion Ratio Lower Upper
43 100
72 24.2 19.7 29.5

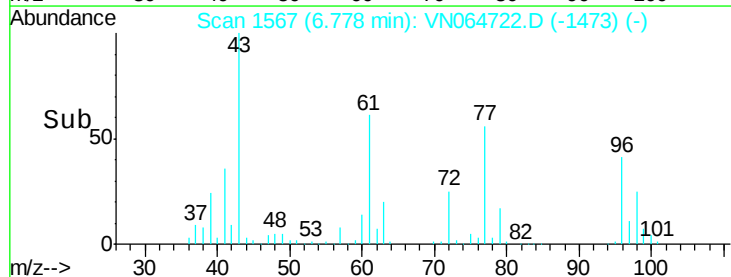
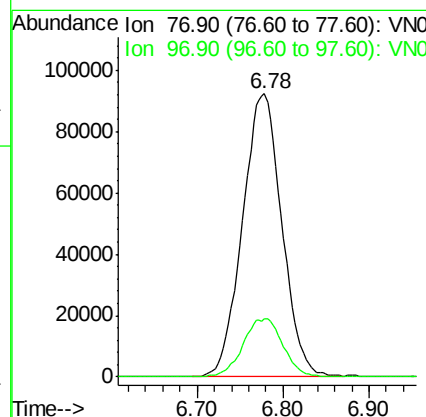
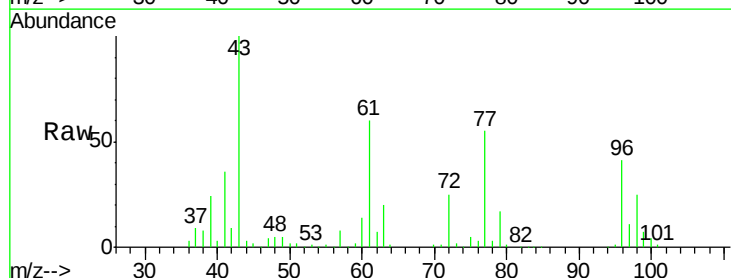
Manual Integrations
APPROVED

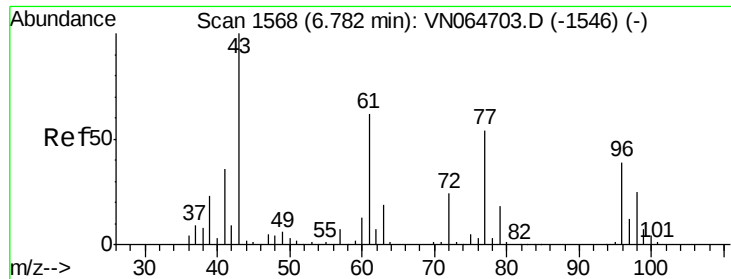
MMDadoda
11/19/2020 2:12:34 PM



#26
2,2-Dichloropropane
Concen: 49.553 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 77 Resp: 293920
Ion Ratio Lower Upper
77 100
97 20.8 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.246 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

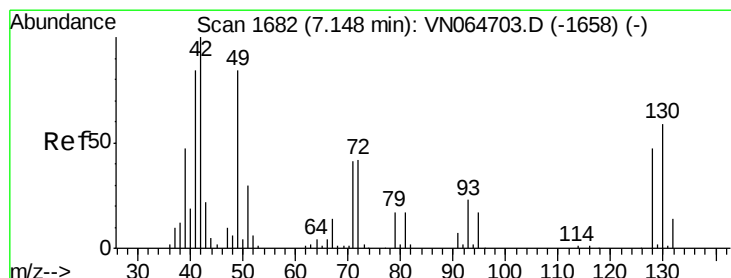
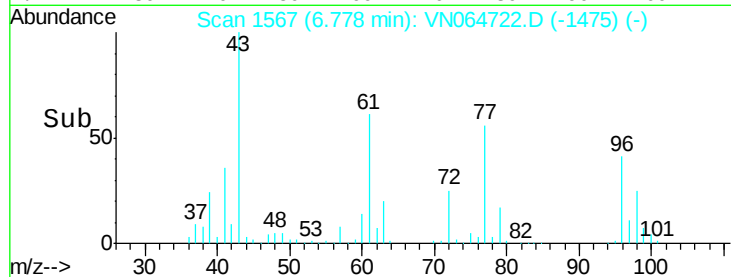
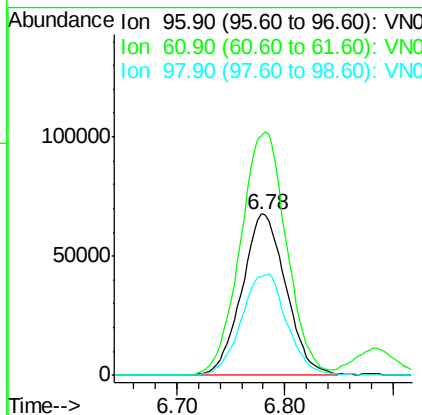
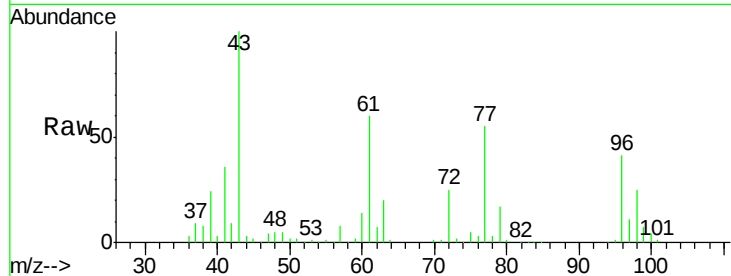
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	192453
Ion Ratio	Lower	Upper	
96	100		
61	158.0	0.0	322.6
98	64.9	0.0	128.6

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:12:34 PM



#28

Bromochloromethane

Concen: 49.815 ug/l

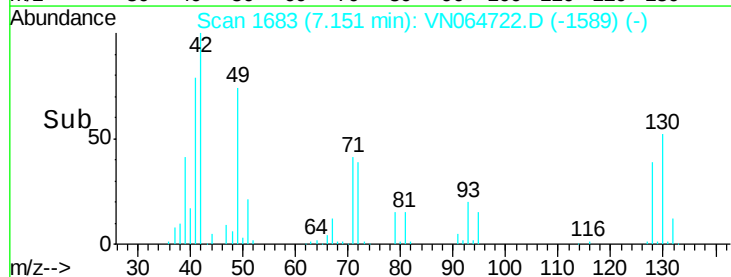
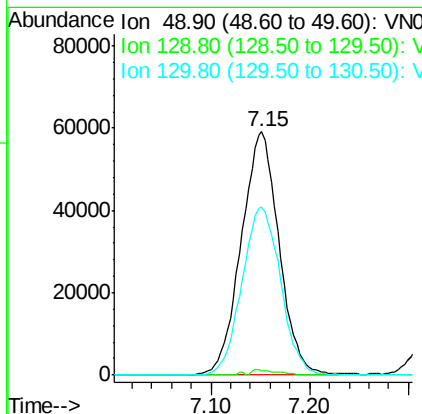
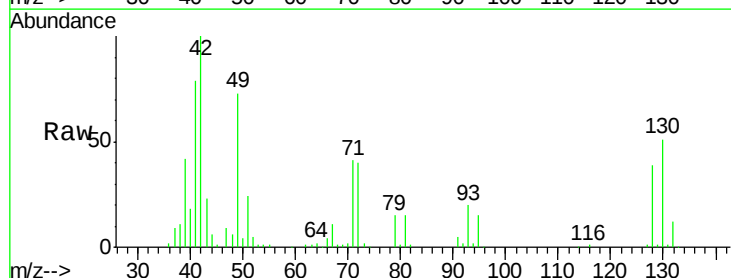
RT: 7.15 min Scan# 1683

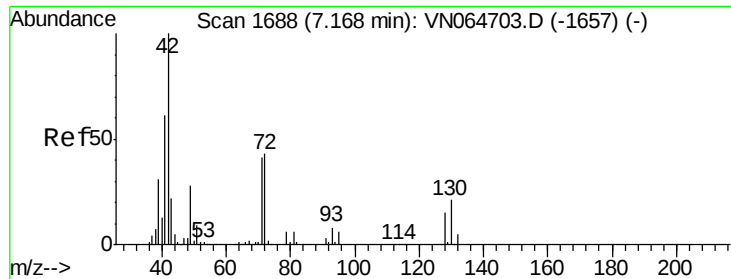
Delta R.T. 0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Tgt Ion:	49	Resp:	156781
Ion Ratio	Lower	Upper	
49	100		
129	1.5	0.0	3.8
130	70.4	56.2	84.4





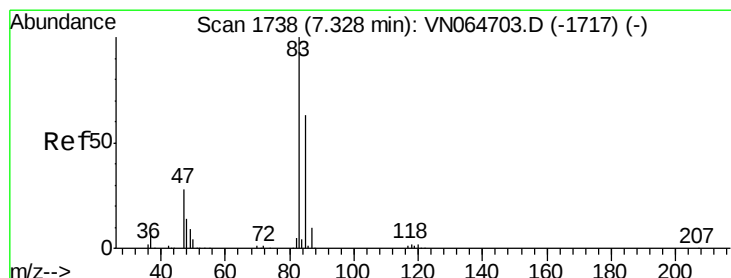
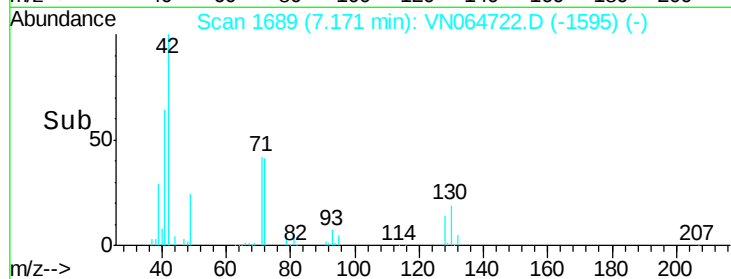
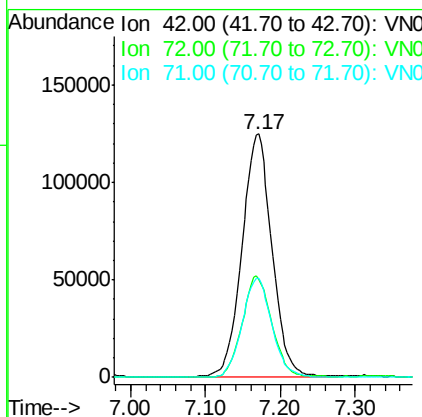
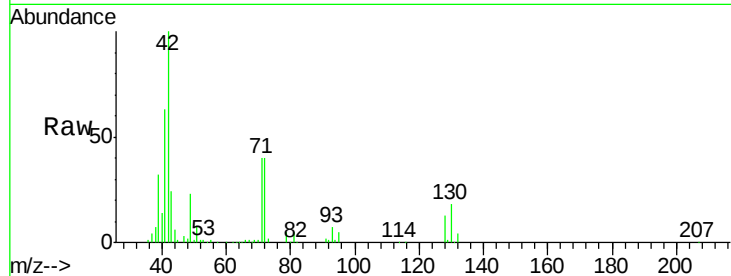
#29
Tetrahydrofuran
Concen: 279.714 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.0	49.4
71	40.5	31.8	47.6

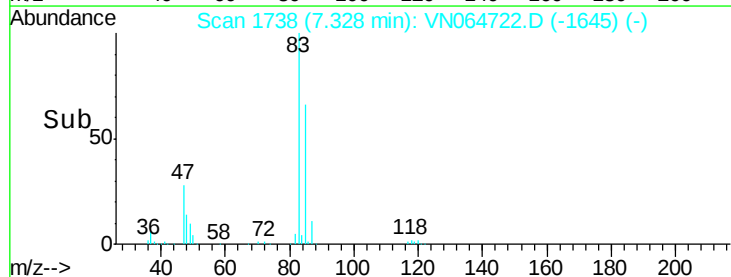
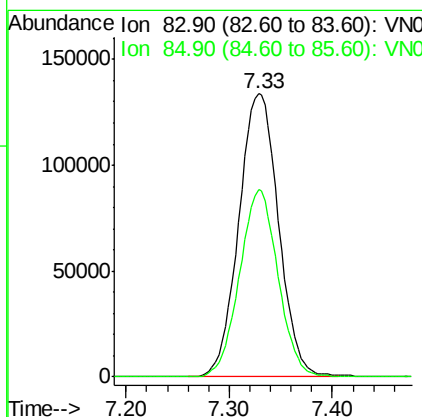
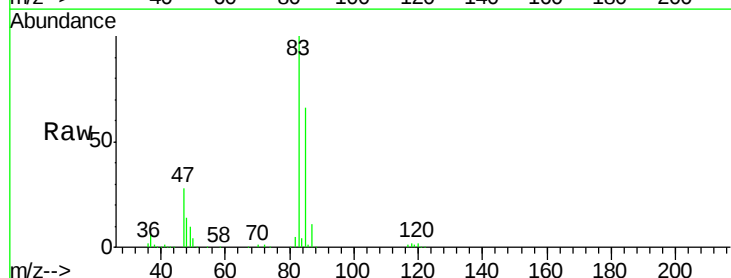
Manual Integrations
APPROVED

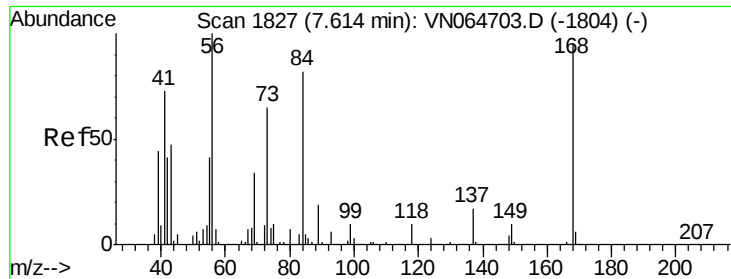
MMDadoda
11/19/2020 2:12:34 PM



#30
Chloroform
Concen: 52.831 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.6	75.8





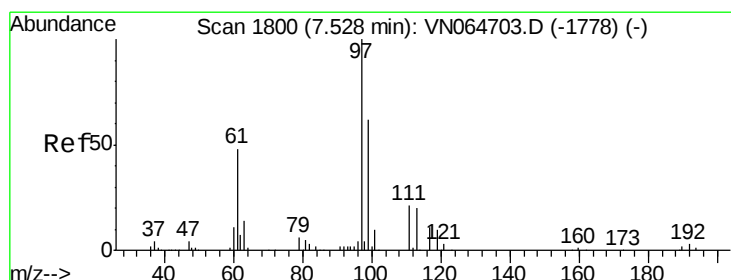
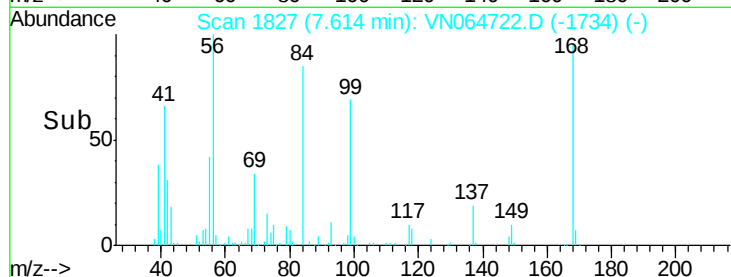
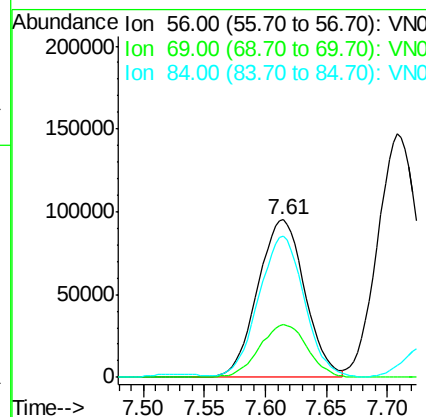
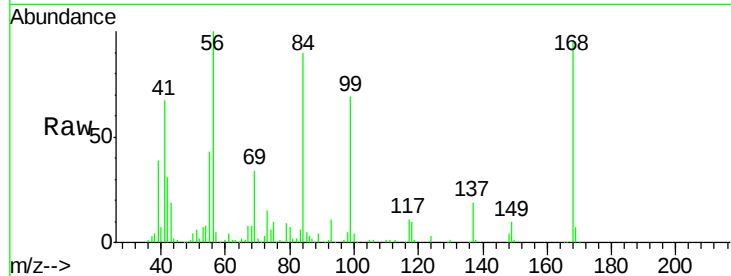
#31
Cyclohexane
Concen: 49.177 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	27.2	40.8
84	88.0	65.9	98.9

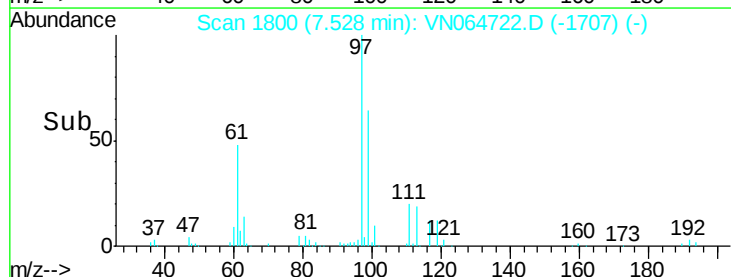
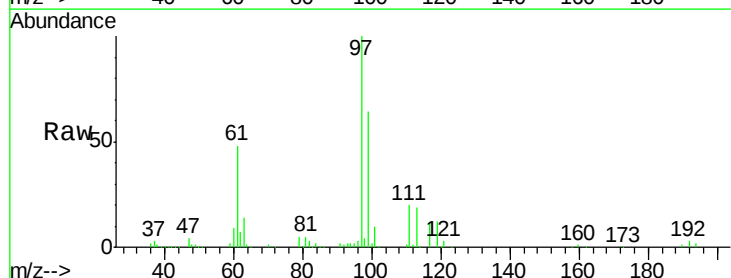
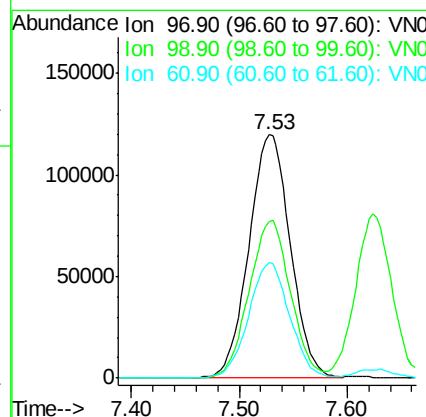
Manual Integrations
APPROVED

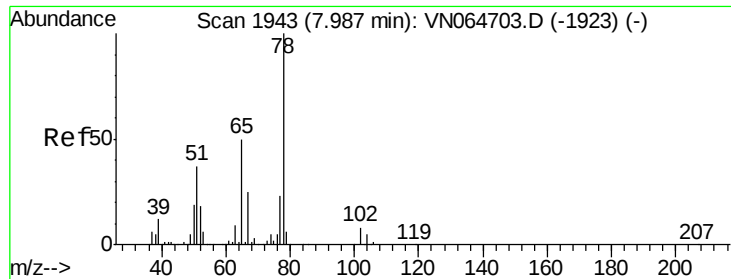
MMDadoda
11/19/2020 2:12:34 PM



#32
1,1,1-Trichloroethane
Concen: 51.580 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	76.0
61	47.2	38.3	57.5





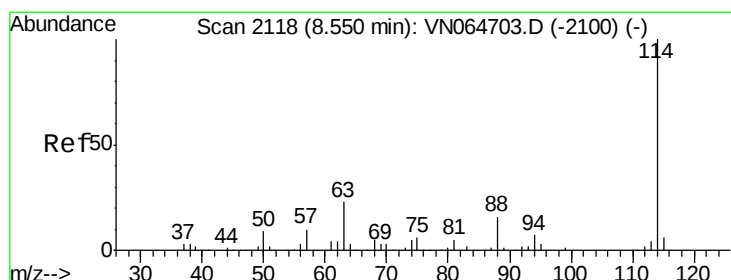
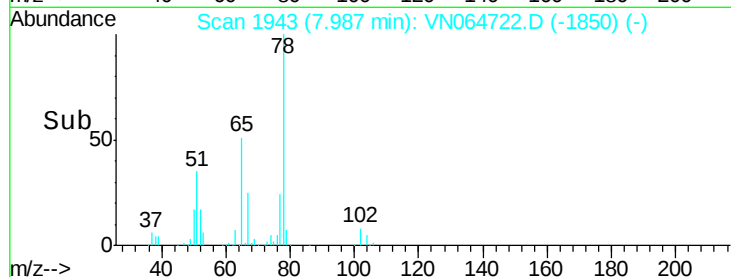
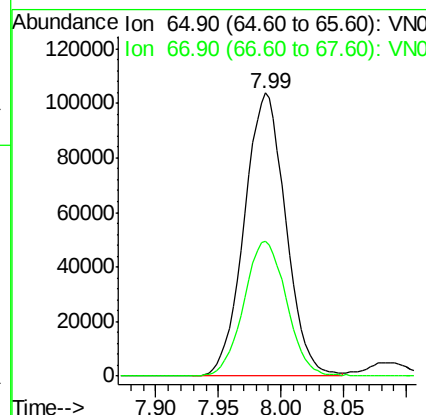
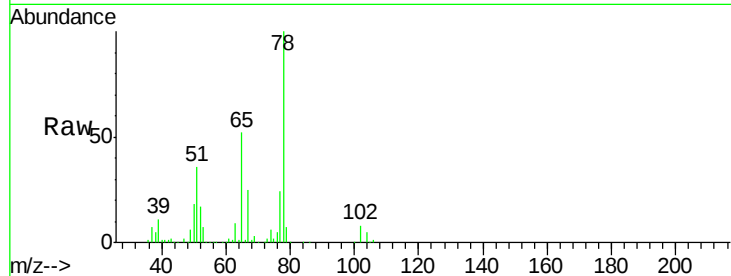
#33
 1,2-Dichloroethane-d4
 Concen: 49.508 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	238012		
67	48.9	0.0	99.8	

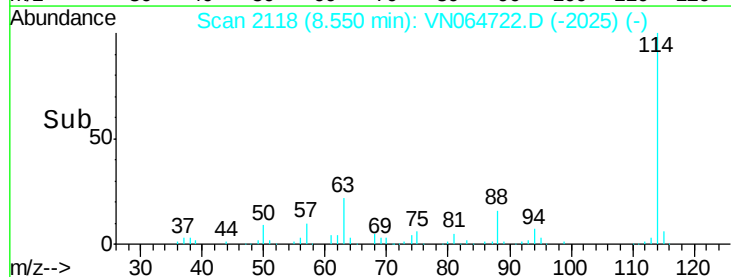
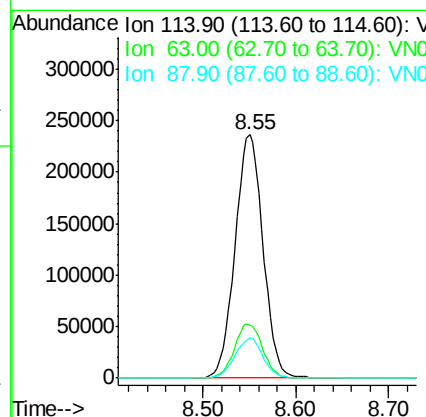
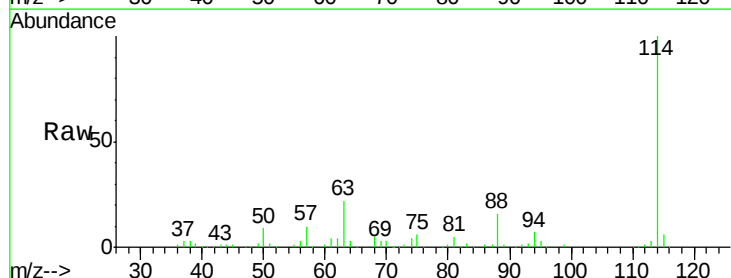
Manual Integrations
 APPROVED

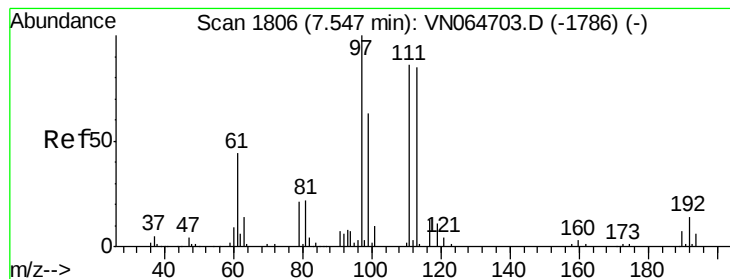
MMDadoda
 11/19/2020 2:12:34 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	493951		
63	21.9	0.0	46.0	
88	16.4	0.0	31.2	





#35

Dibromofluoromethane

Concen: 45.946 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

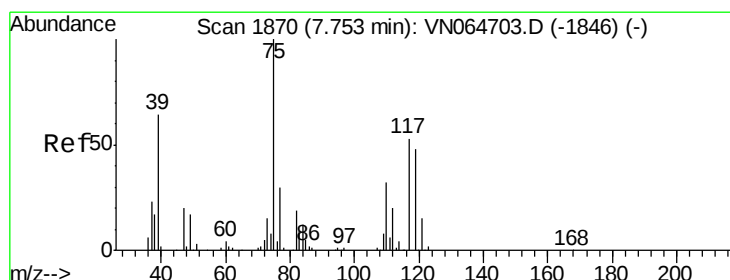
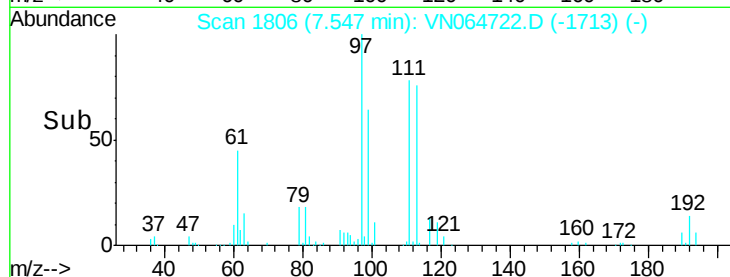
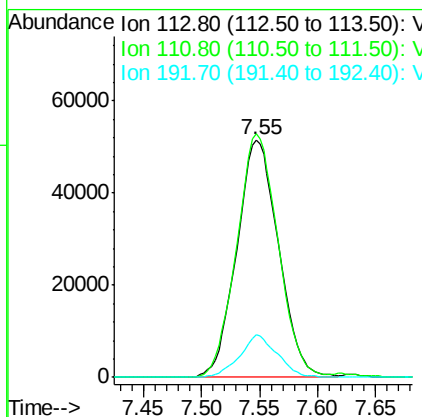
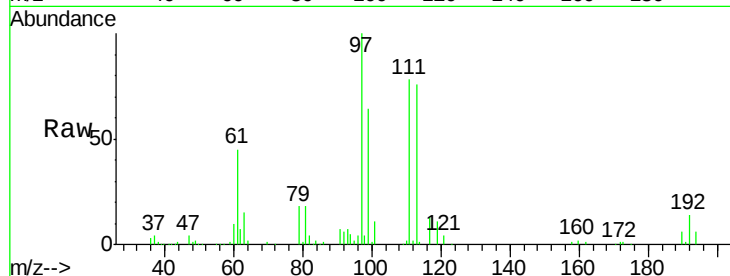
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	129174
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	16.1	12.7	19.1

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:12:34 PM



#36

1,1-Dichloropropene

Concen: 50.089 ug/l

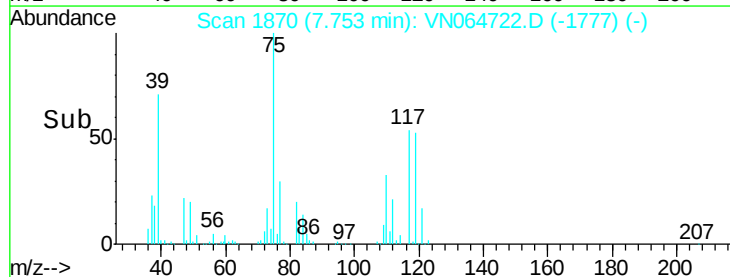
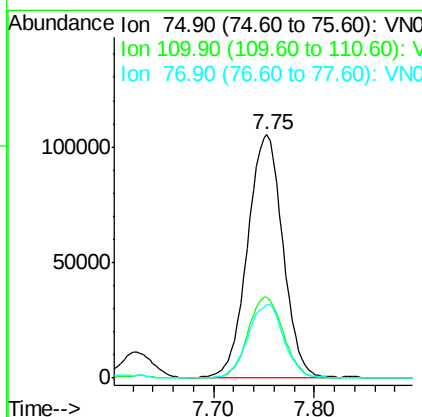
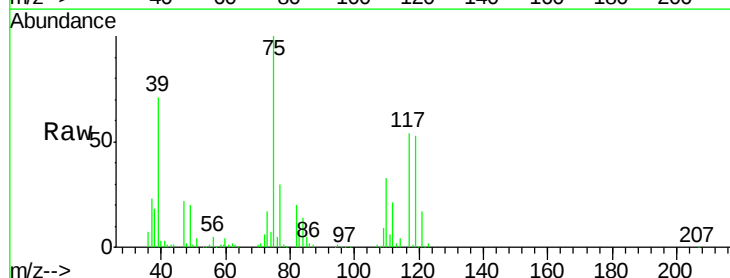
RT: 7.75 min Scan# 1870

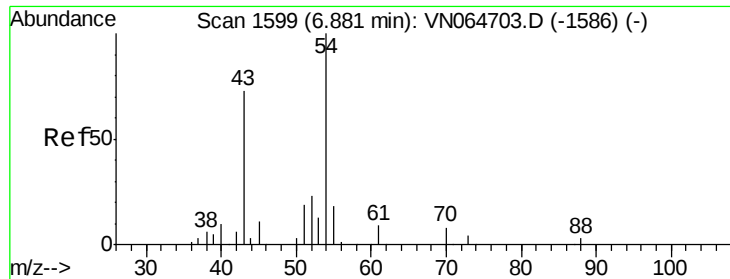
Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Tgt Ion:	75	Resp:	254541
Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.2	48.6
77	31.2	24.4	36.6





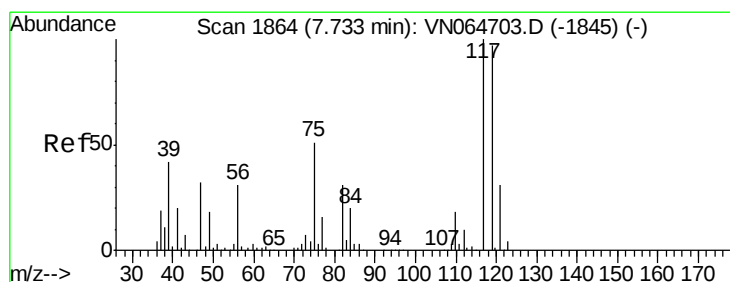
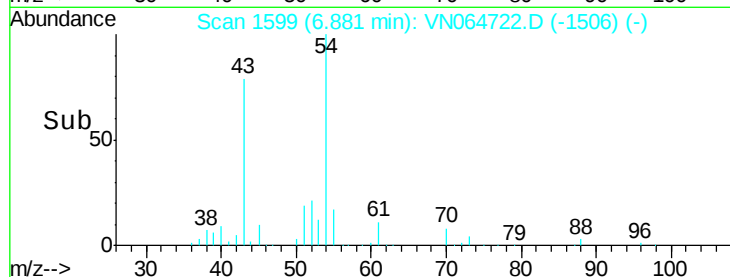
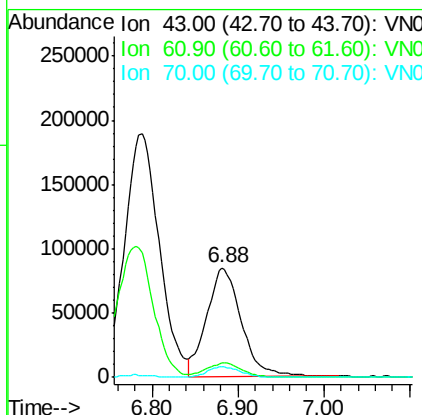
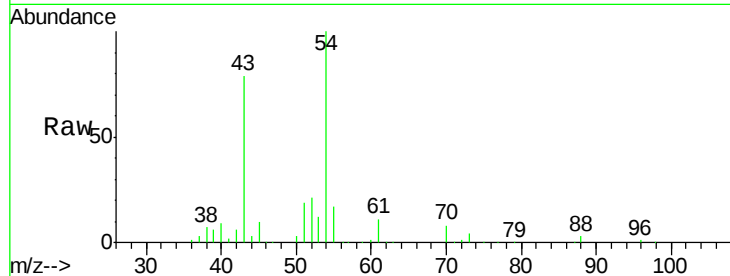
#37
Ethyl Acetate
Concen: 55.887 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	9.3	7.6	11.4

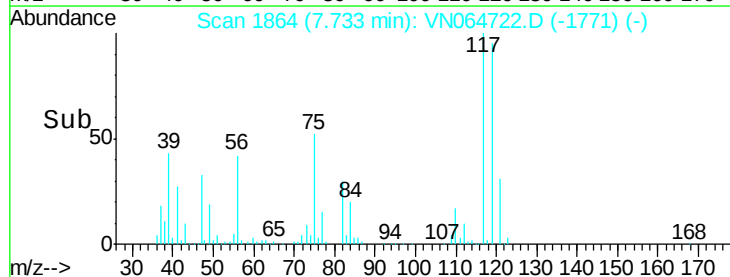
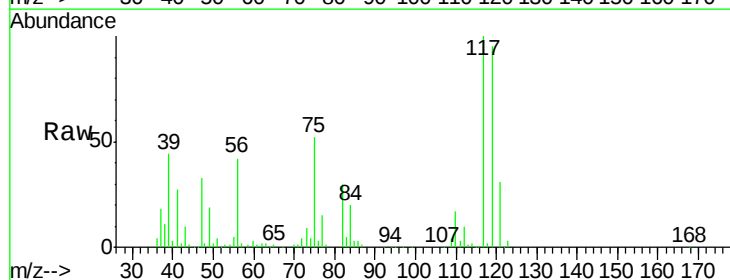
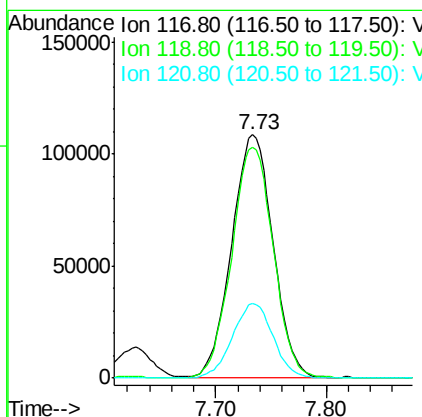
Manual Integrations
APPROVED

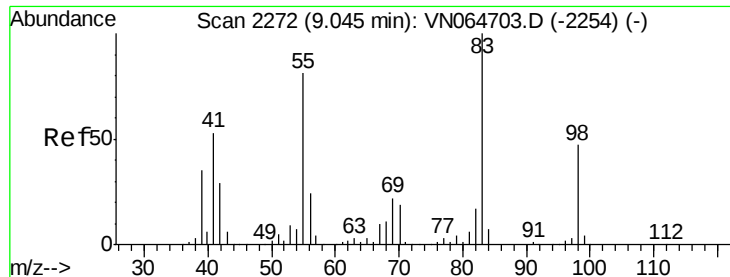
MMDadoda
11/19/2020 2:12:34 PM



#38
Carbon Tetrachloride
Concen: 51.943 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.8	116.6
121	31.0	24.9	37.3





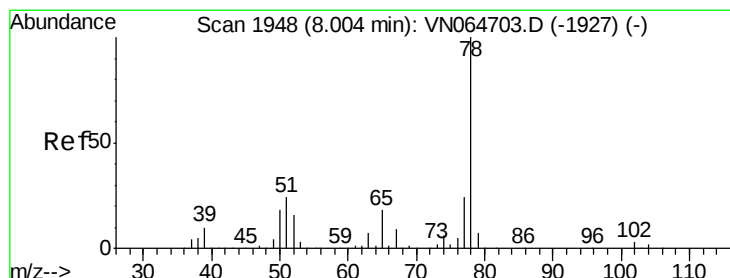
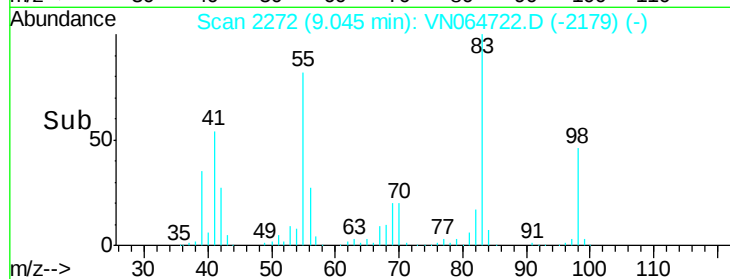
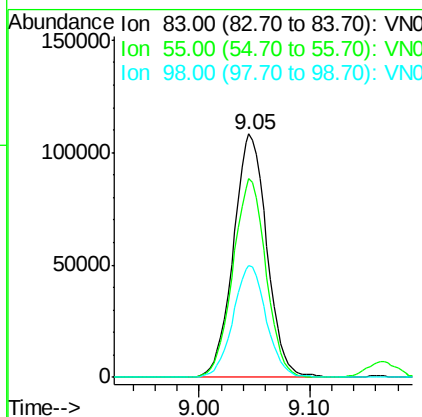
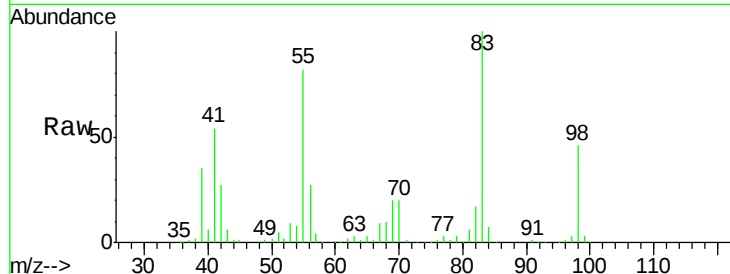
#39
Methylvlcvclohexane
Concen: 50.407 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	64.6	97.0
98	45.9	37.7	56.5

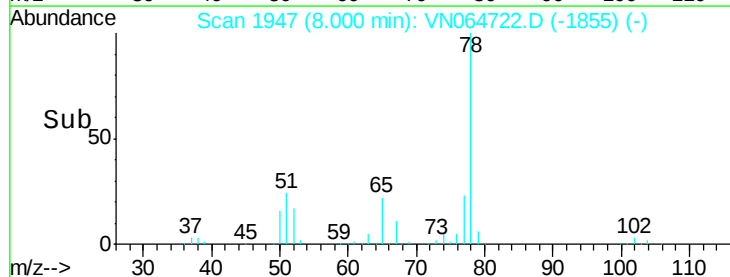
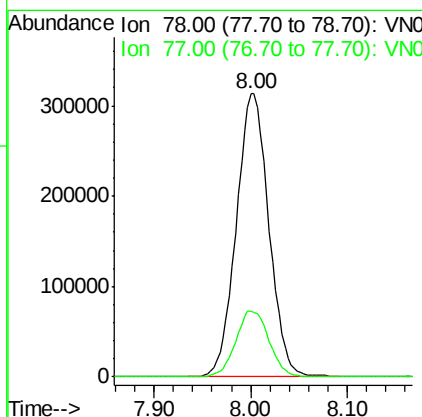
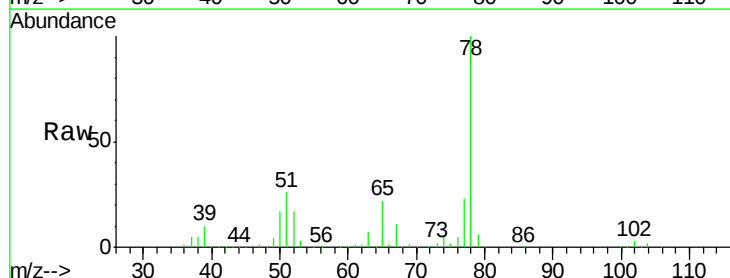
Manual Integrations
APPROVED

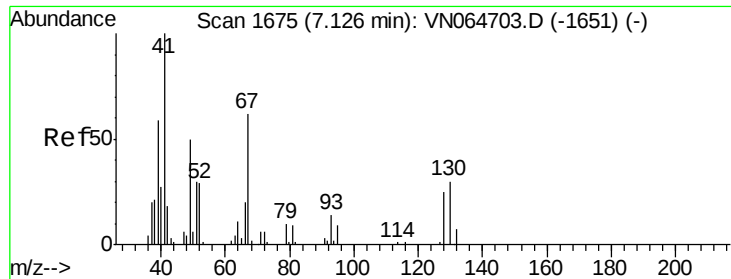
MMDadoda
11/19/2020 2:12:34 PM



#40
Benzene
Concen: 51.708 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





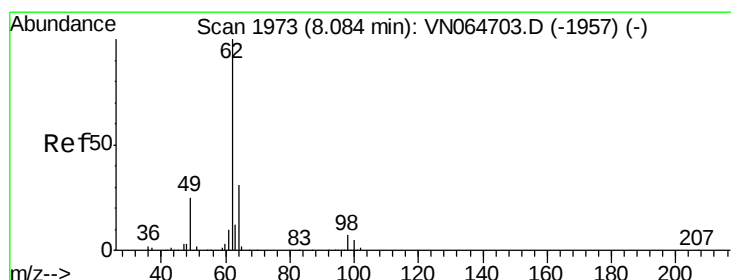
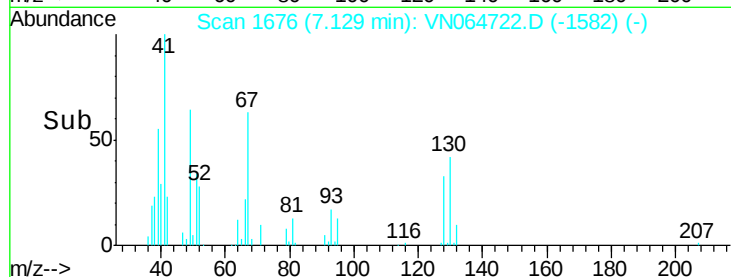
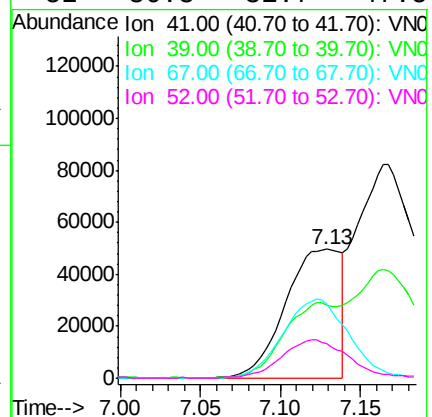
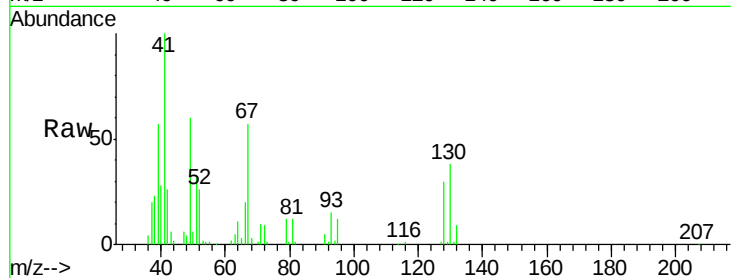
#41
Methacrylonitrile
Concen: 61.469 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	119885
Ion Ratio	Lower	Upper	
41	100		
39	50.0	46.0	69.0
67	72.8	67.0	100.4
52	36.3	31.7	47.5

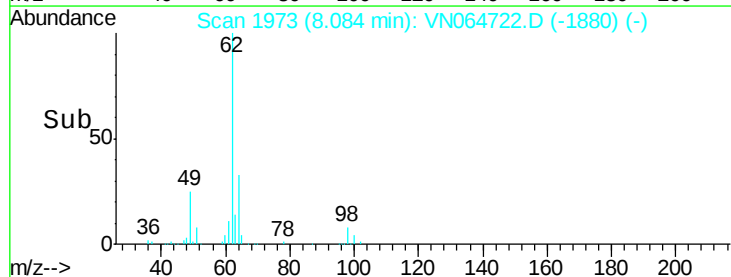
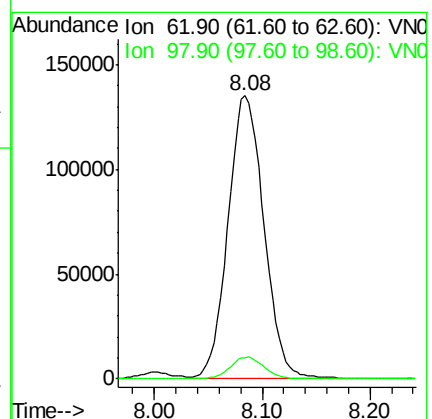
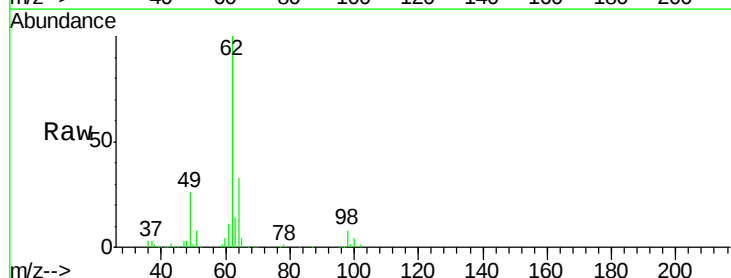
Manual Integrations
APPROVED

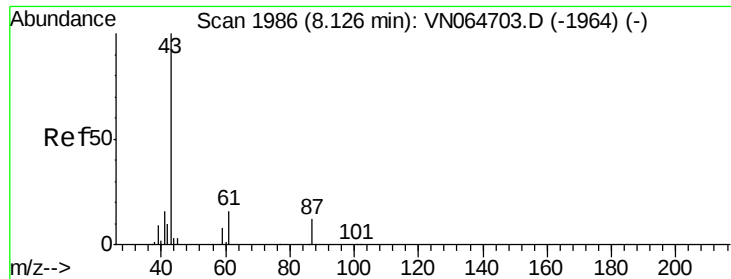
MMDadoda
11/19/2020 2:12:34 PM



#42
1,2-Dichloroethane
Concen: 51.221 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	62	Resp	312050
Ion Ratio	Lower	Upper	
62	100		
98	7.4	0.0	13.6





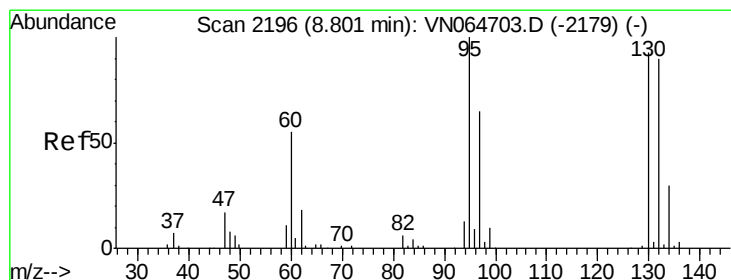
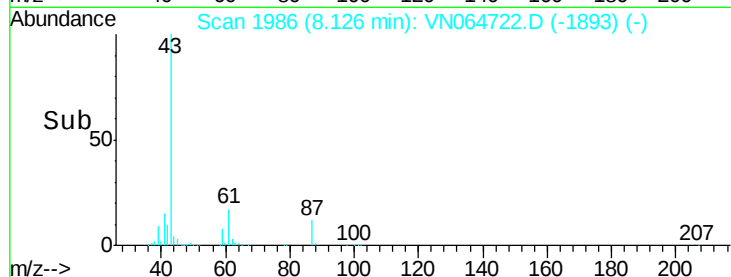
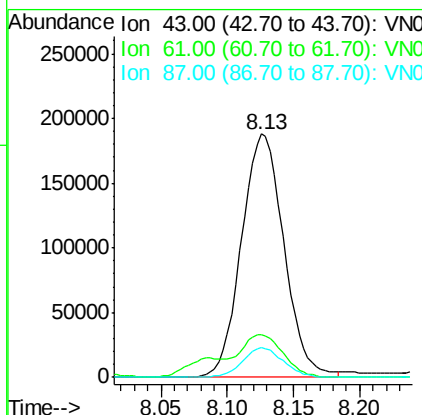
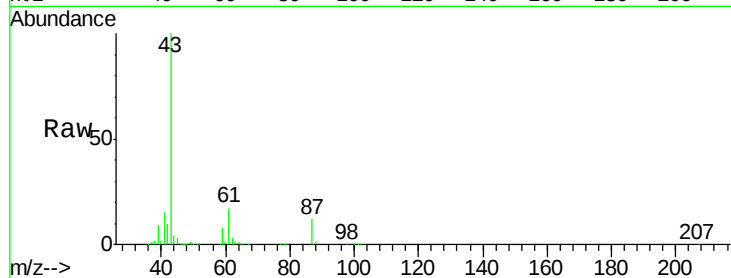
#43
Isopropyl Acetate
Concen: 50.498 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.1	21.1
87	11.7	9.1	13.7

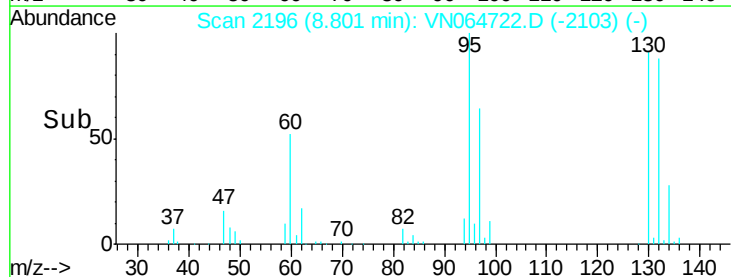
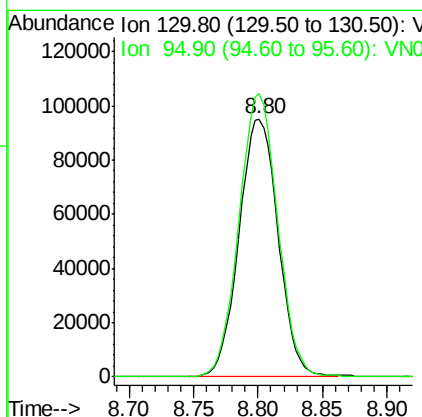
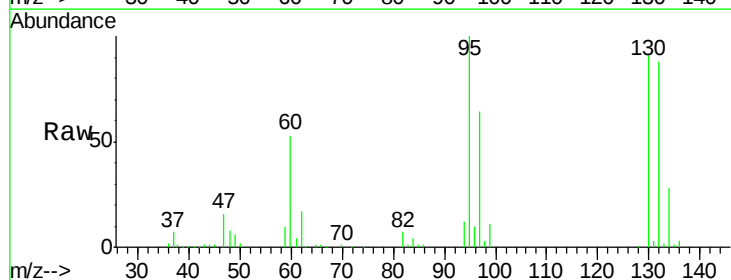
Manual Integrations
APPROVED

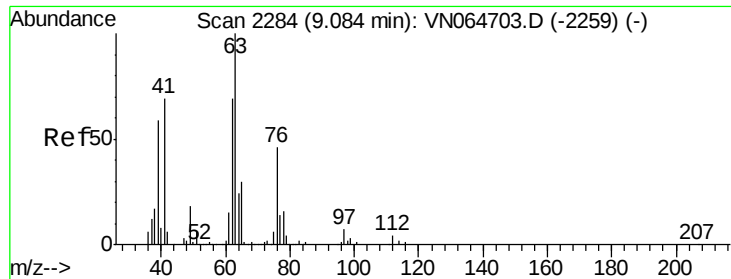
MMDadoda
11/19/2020 2:12:34 PM



#44
Trichloroethene
Concen: 49.475 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.6	0.0	214.2





#45

1,2-Dichloropropane

Concen: 51.970 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 196150

Ion Ratio Lower Upper

63 100

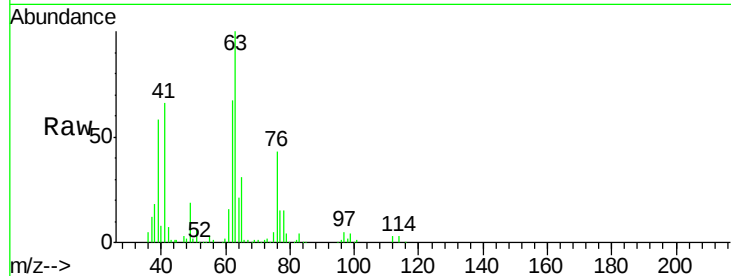
65 30.7 24.0 36.0

Manual Integrations

APPROVED

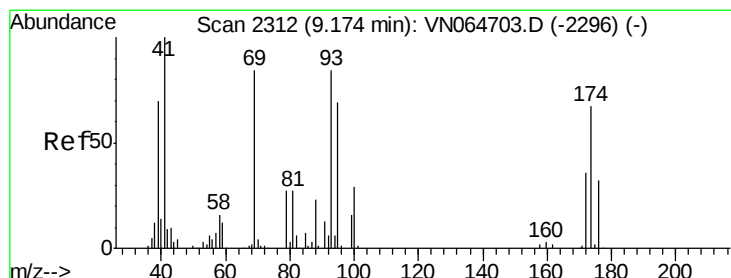
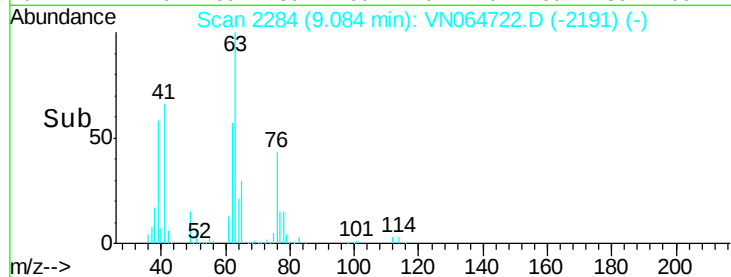
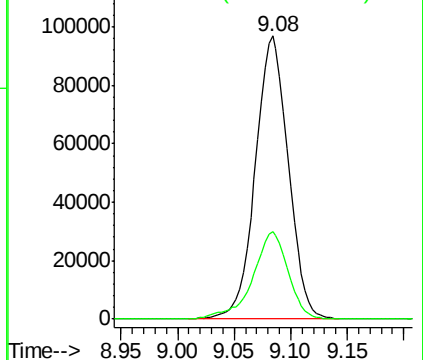
MMDadoda

11/19/2020 2:12:34 PM



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 51.779 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

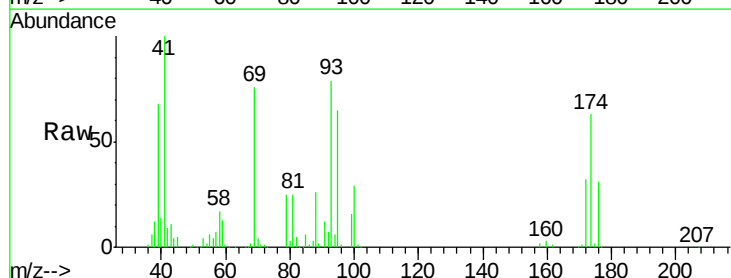
Tgt Ion: 93 Resp: 138529

Ion Ratio Lower Upper

93 100

95 83.3 64.6 97.0

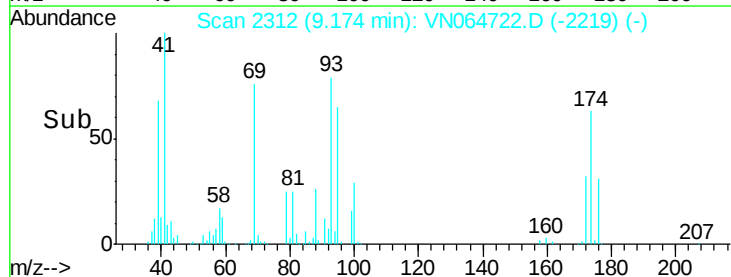
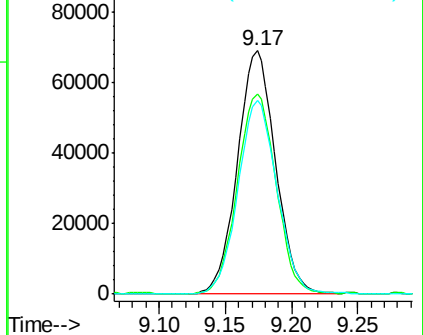
174 81.6 64.3 96.5

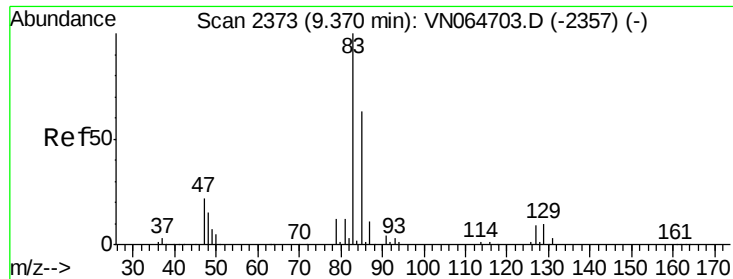


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





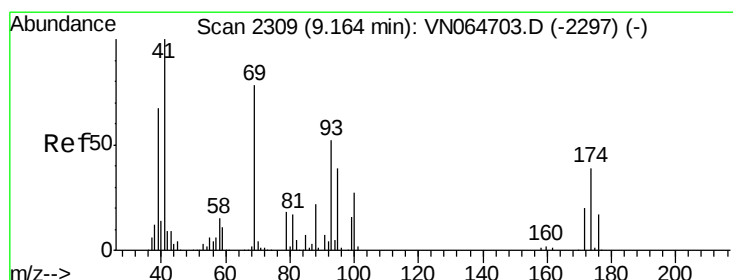
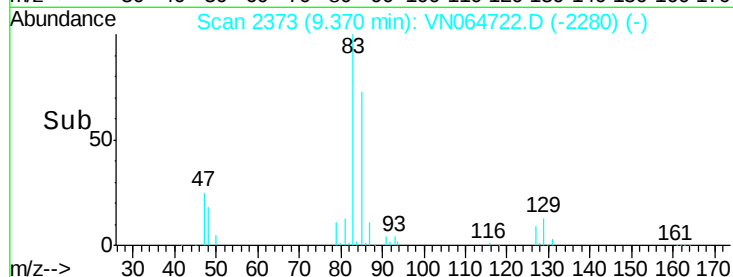
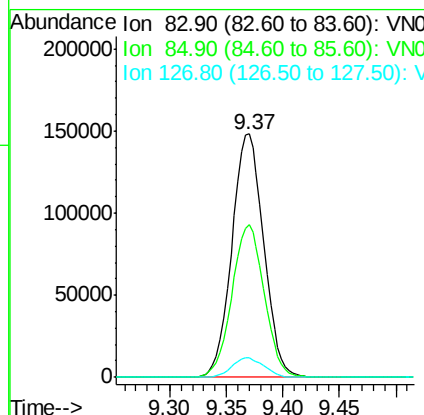
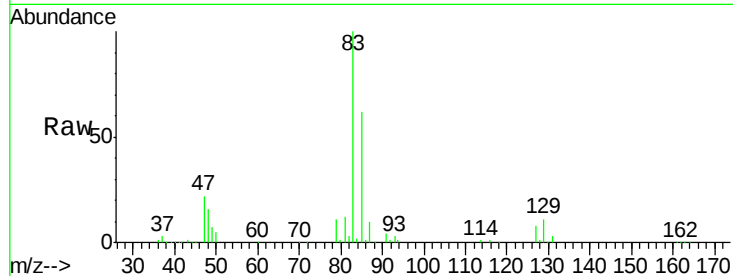
#47
Bromodichloromethane
Concen: 51.698 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	290769
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	50.8	76.2
127	7.8	7.0	10.4

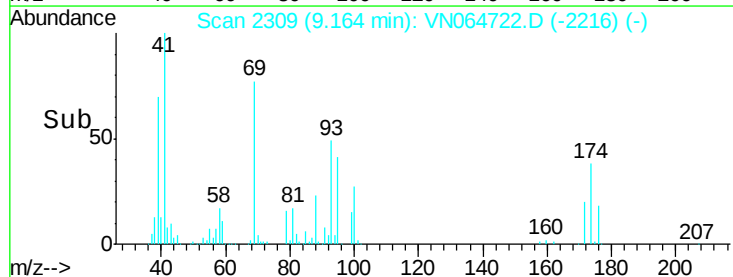
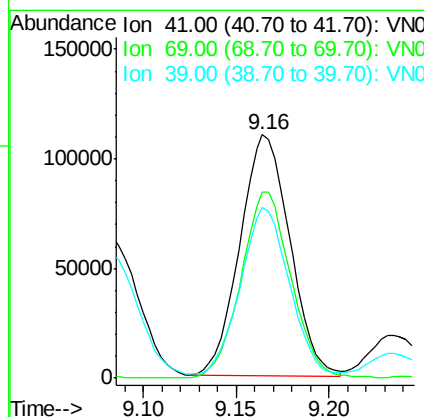
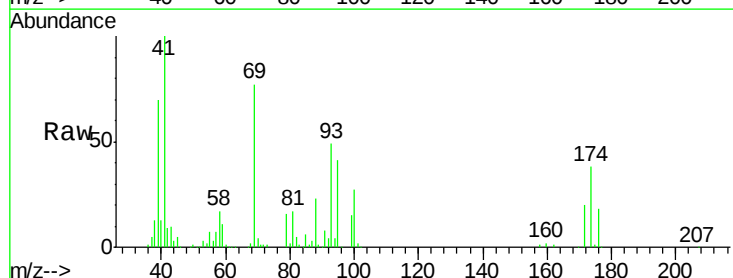
Manual Integrations
APPROVED

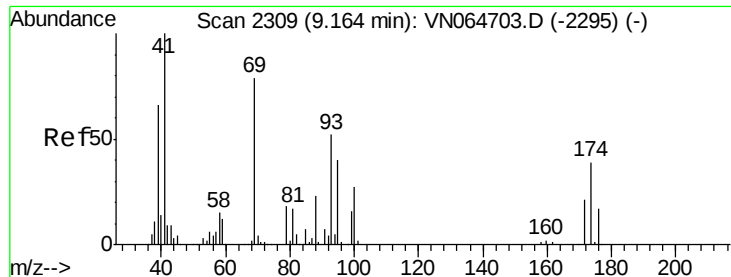
MMDadoda
11/19/2020 2:12:34 PM



#48
Methyl methacrylate
Concen: 52.986 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	41	Resp	206201
Ion Ratio	100	Lower	Upper
41	100		
69	77.1	62.3	93.5
39	69.8	55.1	82.7





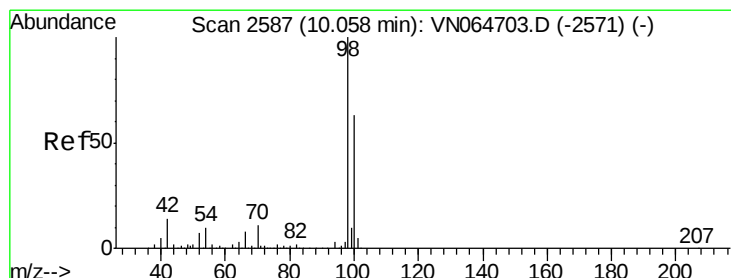
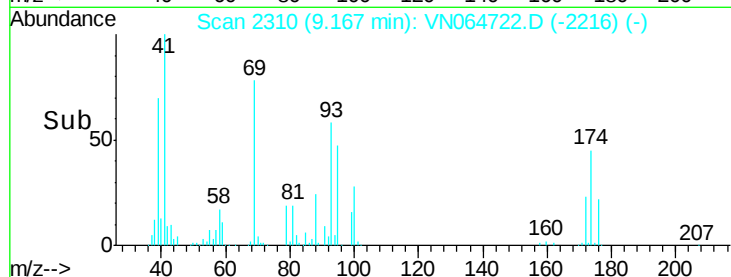
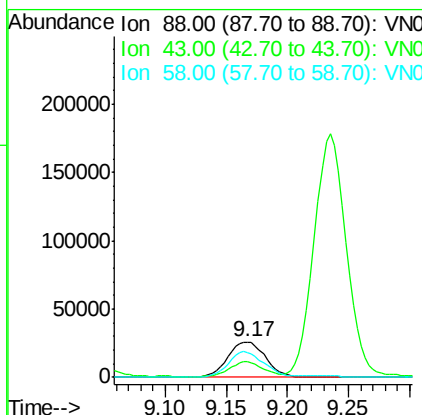
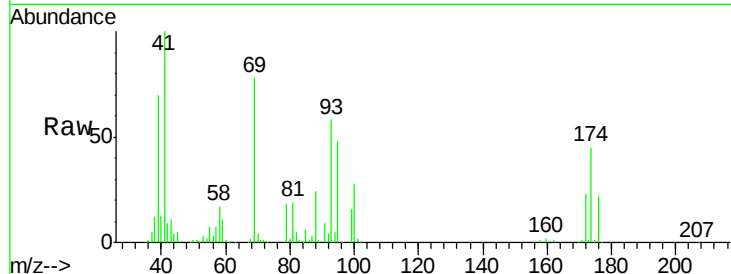
#49
1,4-Dioxane
Concen: 1155.044 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	31.3	46.9
58	68.4	55.7	83.5

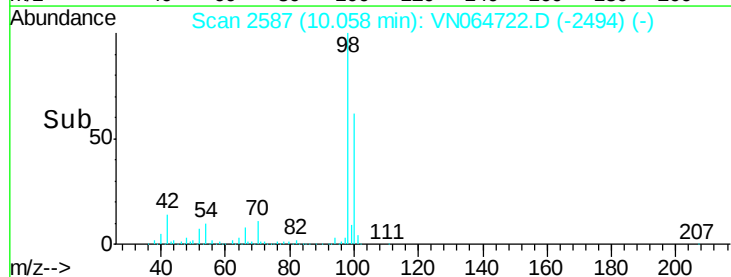
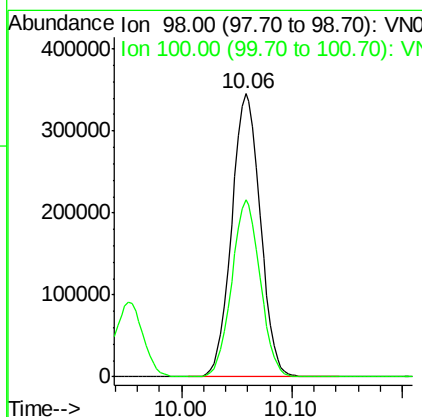
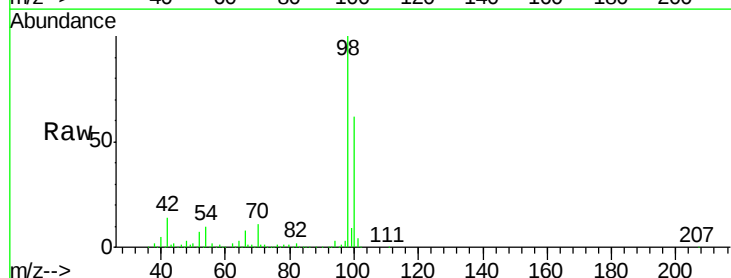
Manual Integrations
APPROVED

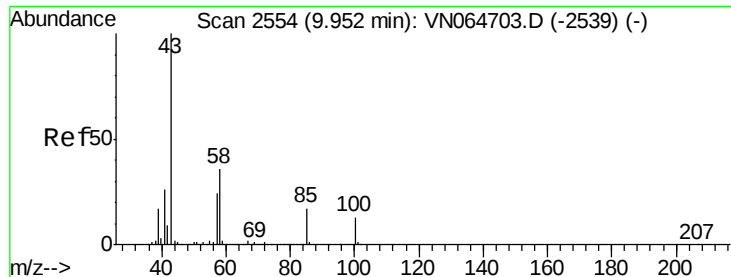
MMDadoda
11/19/2020 2:12:34 PM



#50
Toluene-d8
Concen: 48.759 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.7	50.4	75.6





#51

4-Methyl-2-Pentanone

Concen: 251.947 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1254640

Ion Ratio Lower Upper

43 100

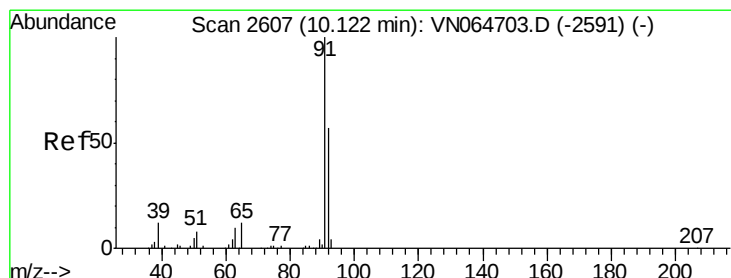
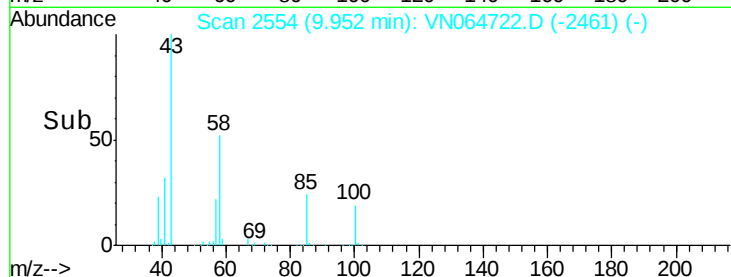
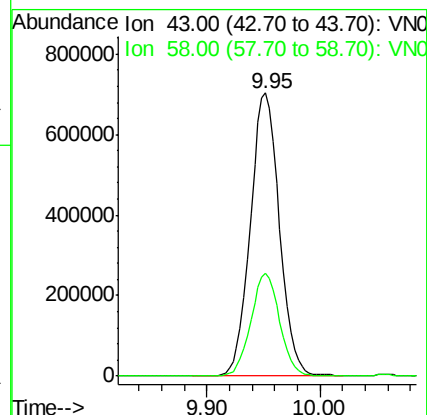
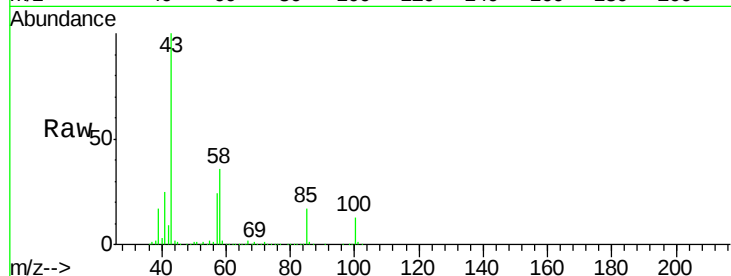
58 36.0 28.5 42.7

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:34 PM



#52

Toluene

Concen: 55.103 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064722.D

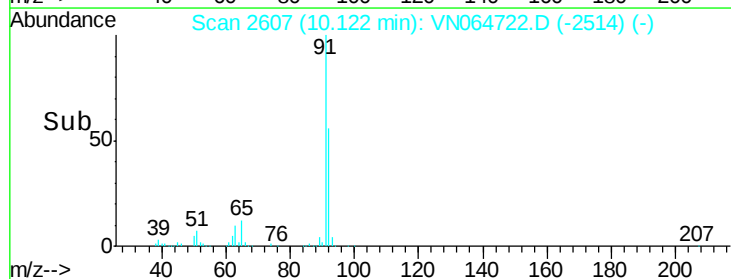
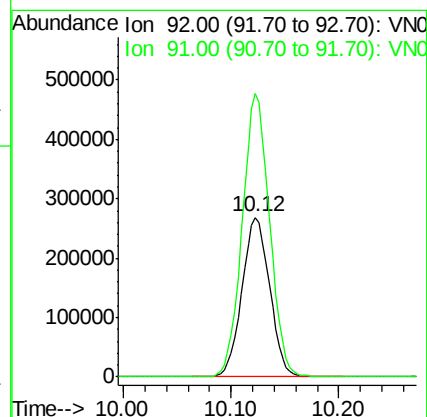
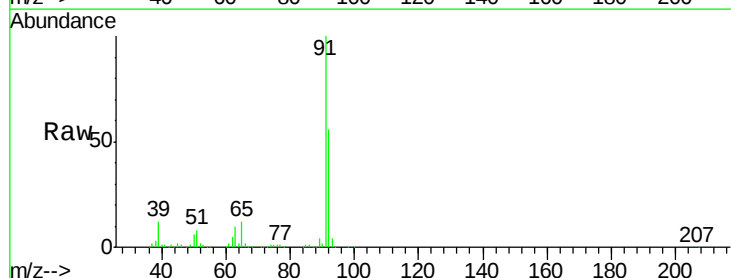
Acq: 18 Nov 2020 21:24

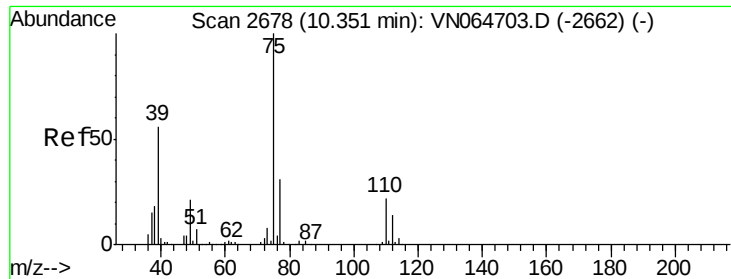
Tgt Ion: 92 Resp: 480545

Ion Ratio Lower Upper

92 100

91 175.2 141.2 211.8





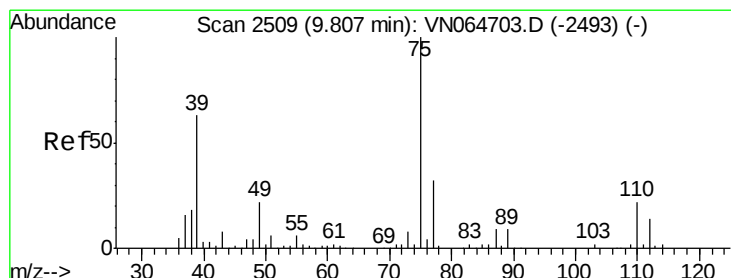
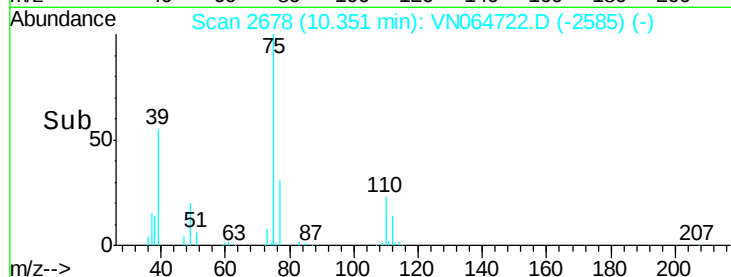
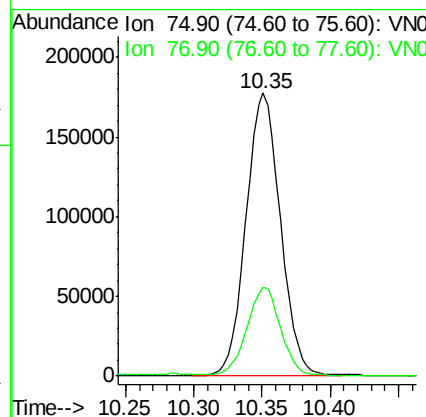
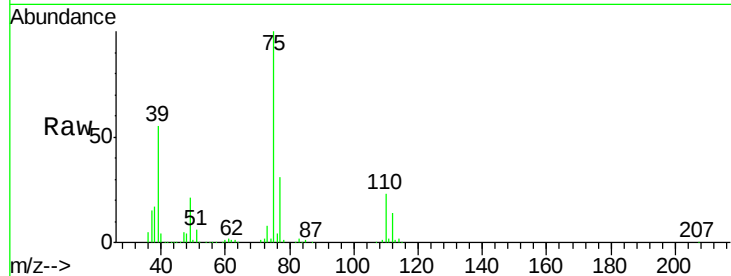
#53
t-1,3-Dichloropropene
Concen: 51.733 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 311404
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

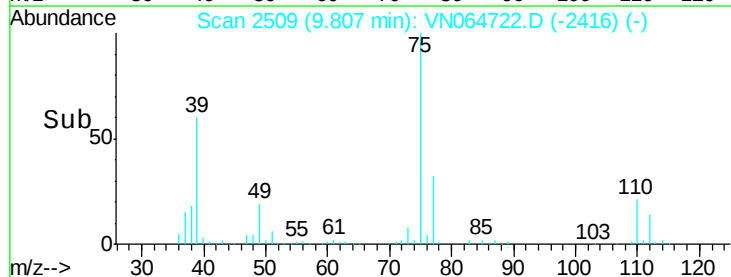
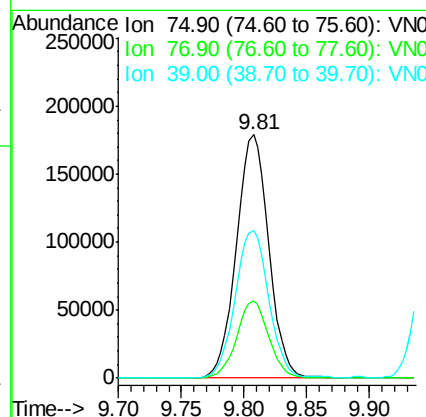
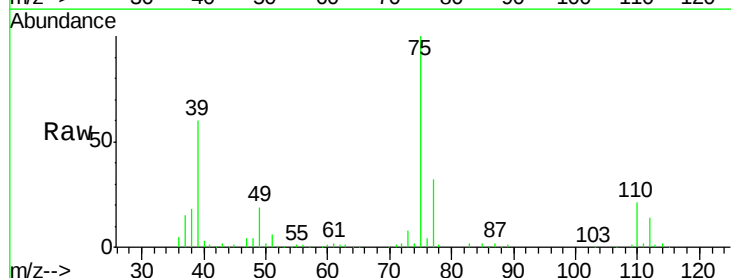
Manual Integrations
APPROVED

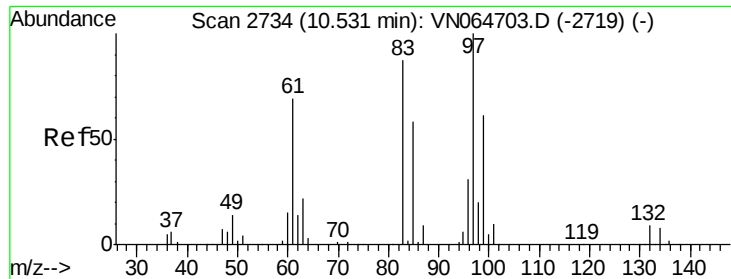
MMDadoda
11/19/2020 2:12:34 PM



#54
cis-1,3-Dichloropropene
Concen: 51.882 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 75 Resp: 321570
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
39 60.2 50.5 75.7





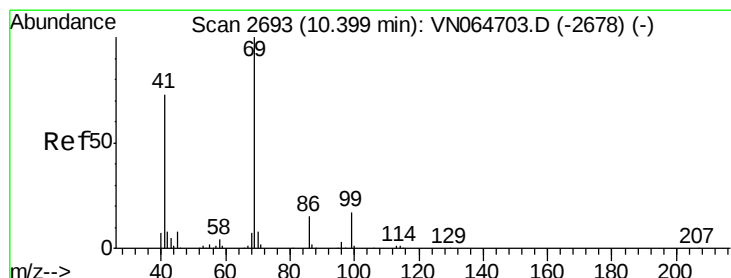
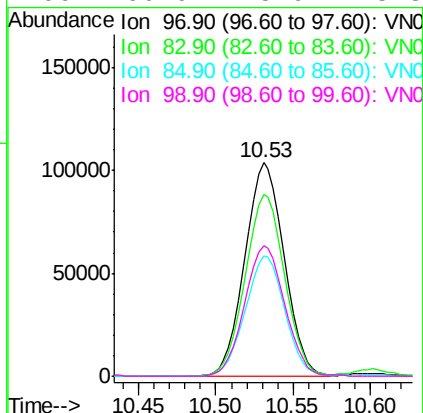
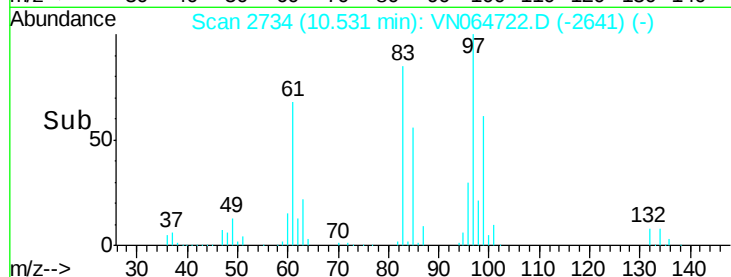
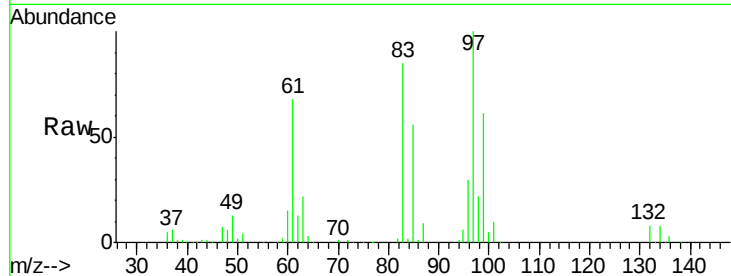
#55
 1,1,2-Trichloroethane
 Concen: 52.610 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	184020
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.6	104.4
85	56.5	46.6	70.0
99	60.9	48.9	73.3

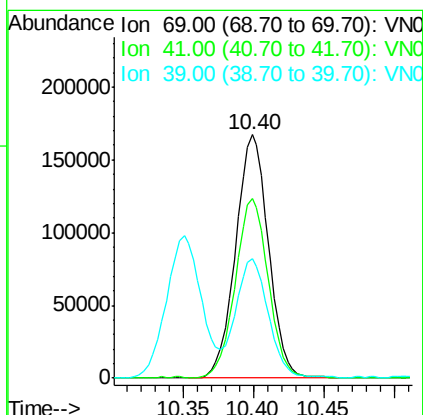
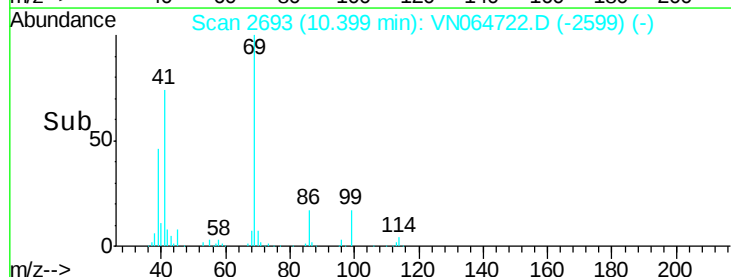
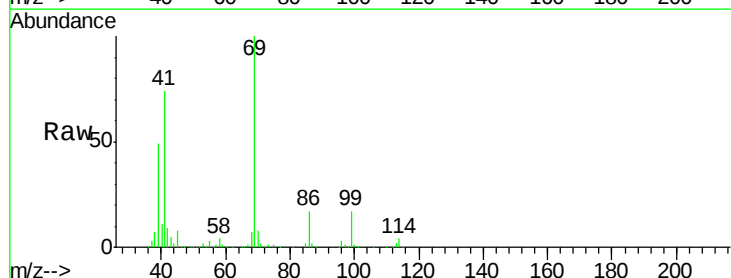
Manual Integrations
 APPROVED

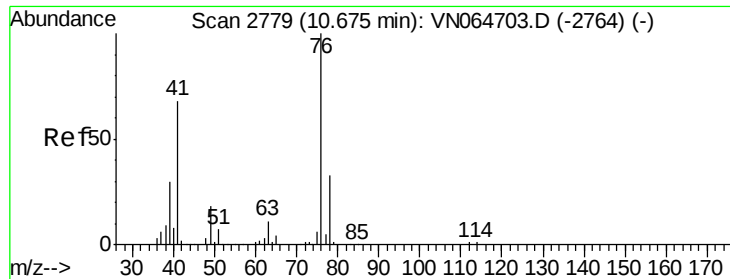
MMDadoda
 11/19/2020 2:12:34 PM



#56
 Ethyl methacrylate
 Concen: 47.669 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion:	69	Resp:	272941
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.0	88.4
39	47.9	38.4	57.6





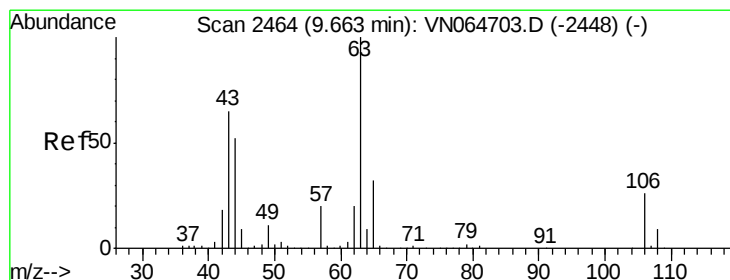
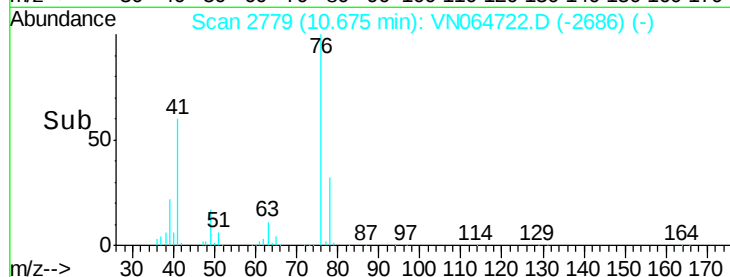
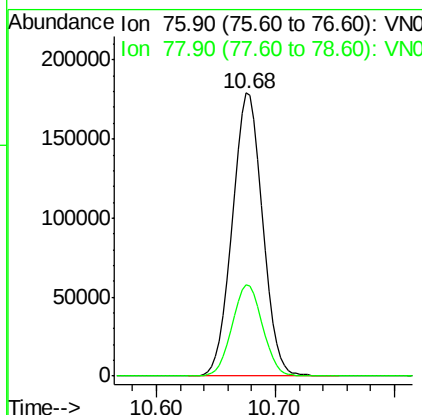
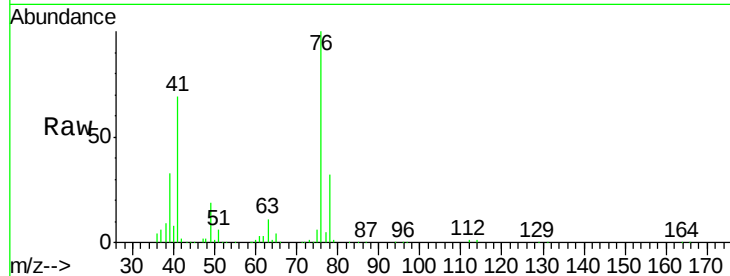
#57
 1,3-Dichloropropane
 Concen: 52.161 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 316048
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.4 39.6

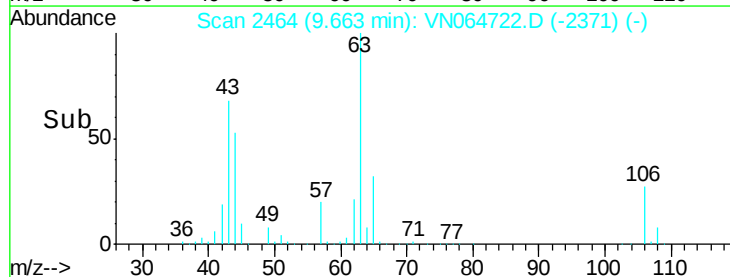
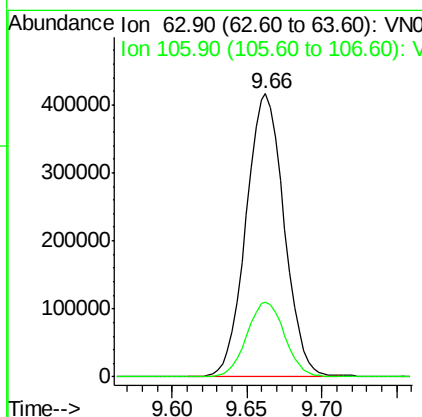
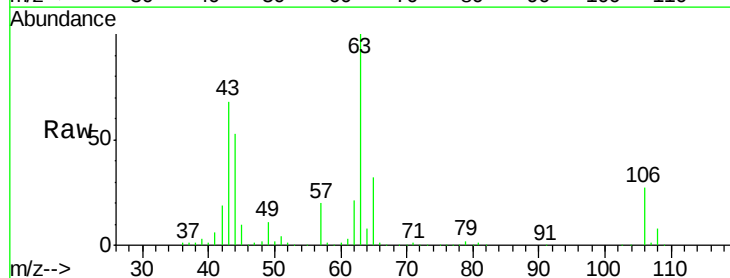
Manual Integrations
 APPROVED

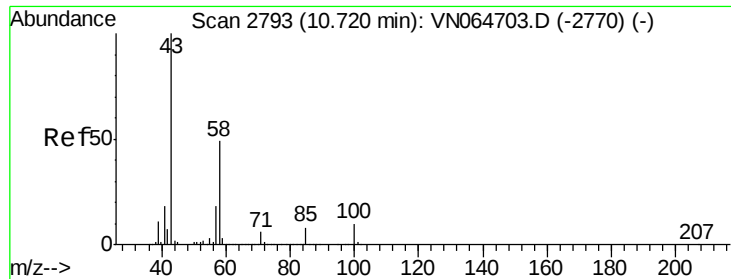
MMDadoda
 11/19/2020 2:12:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.459 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion: 63 Resp: 736650
 Ion Ratio Lower Upper
 63 100
 106 26.5 20.9 31.3





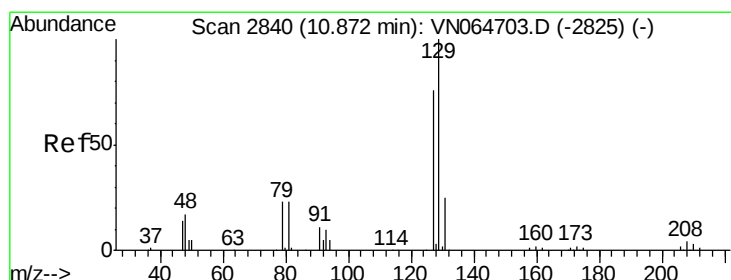
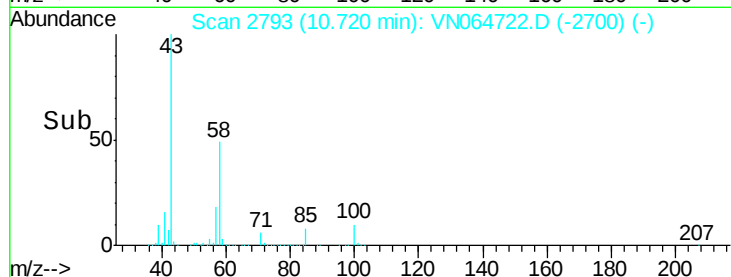
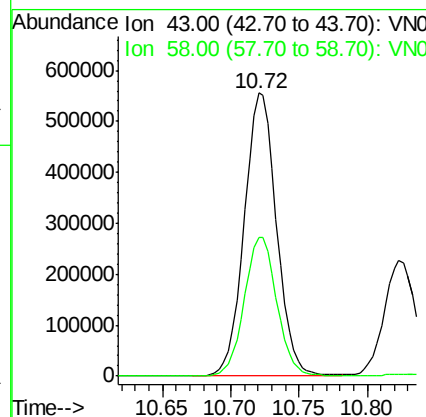
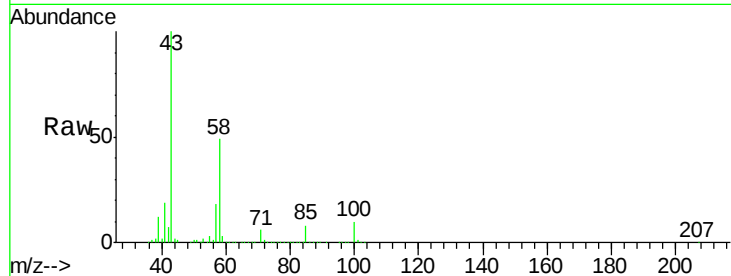
#59
2-Hexanone
Concen: 248.889 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 910171
Ion Ratio Lower Upper
43 100
58 49.5 24.4 73.4

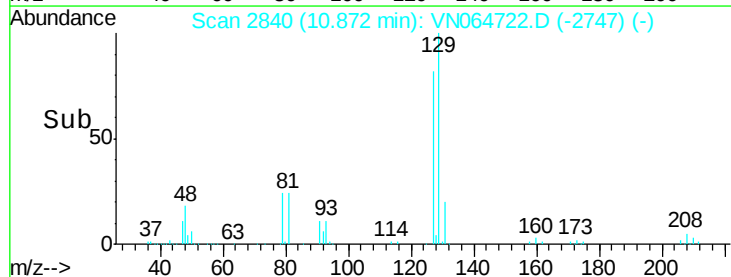
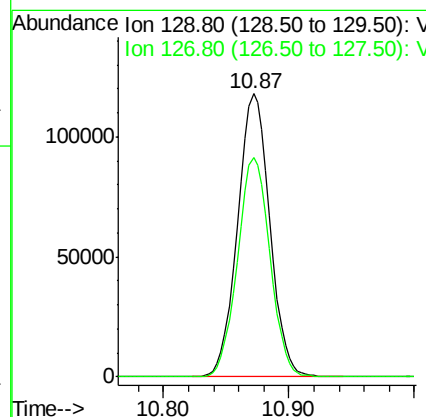
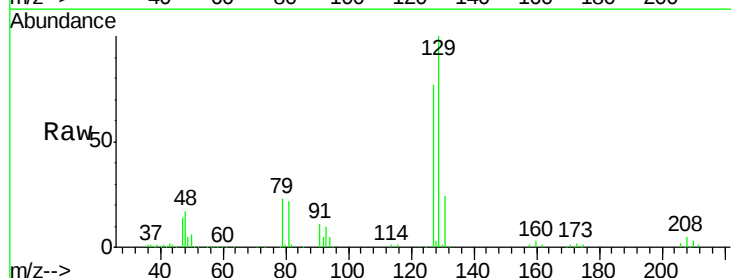
Manual Integrations
APPROVED

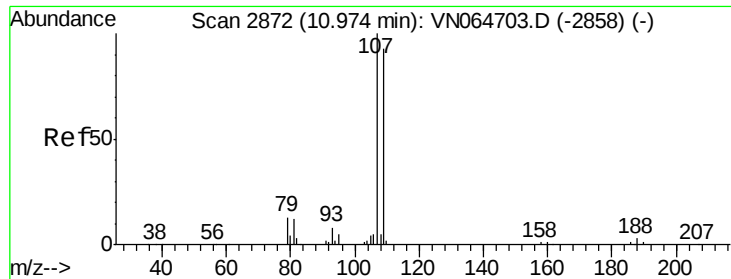
MMDadoda
11/19/2020 2:12:34 PM



#60
Dibromochloromethane
Concen: 52.083 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 129 Resp: 210479
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 51.548 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 192315

Ion Ratio Lower Upper

107 100

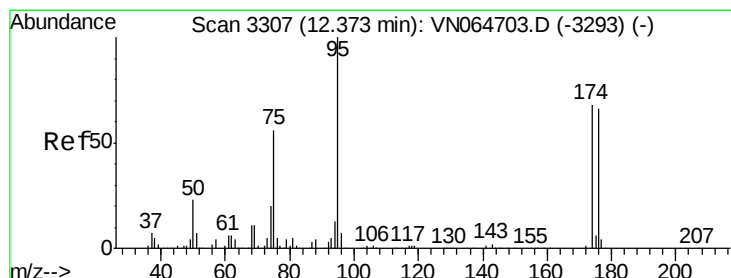
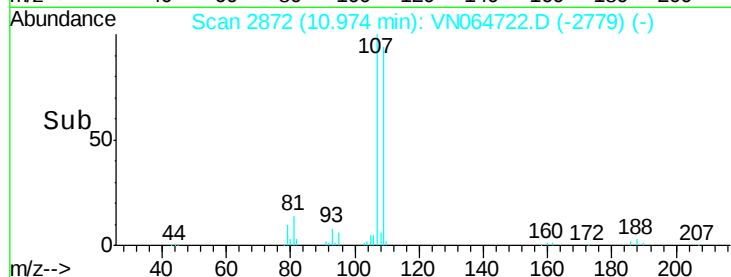
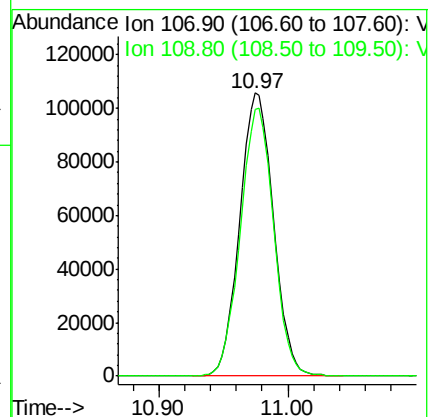
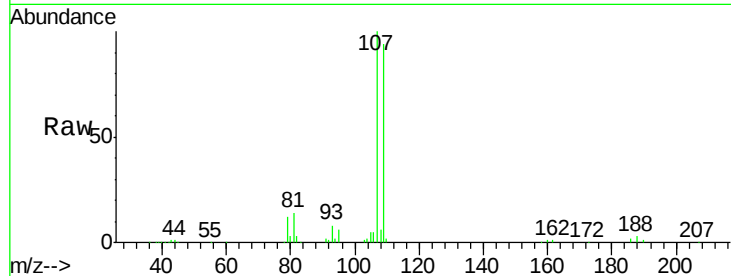
109 93.7 74.2 111.4

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:34 PM



#62

4-Bromofluorobenzene

Concen: 48.329 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

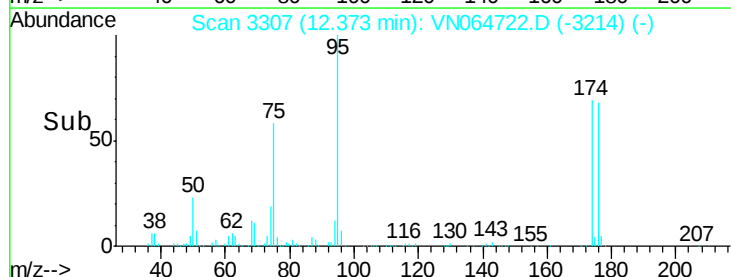
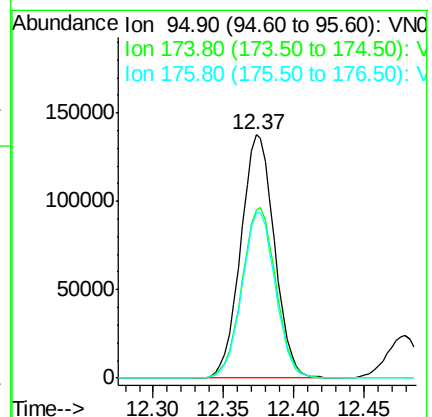
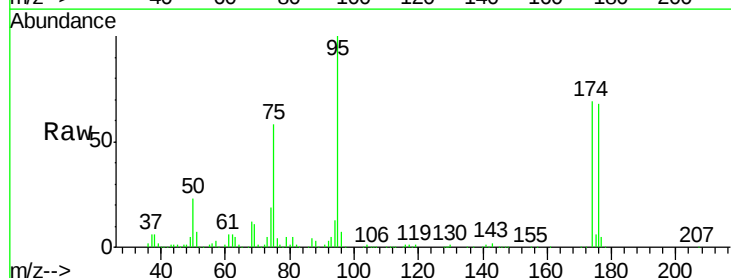
Tgt Ion: 95 Resp: 230819

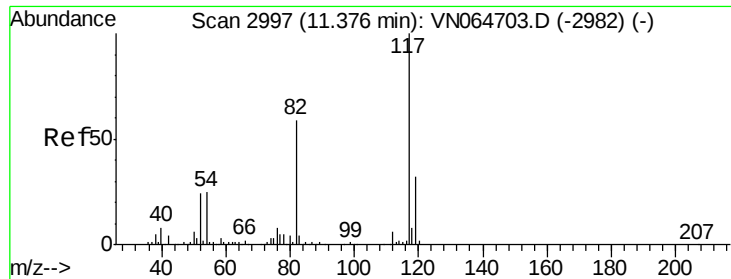
Ion Ratio Lower Upper

95 100

174 70.7 0.0 136.8

176 67.5 0.0 134.2





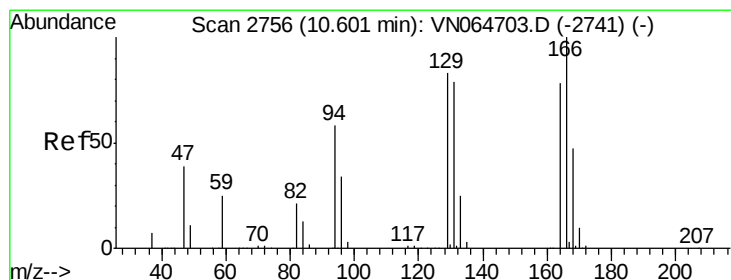
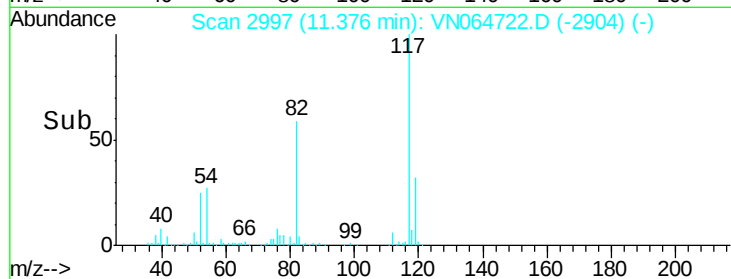
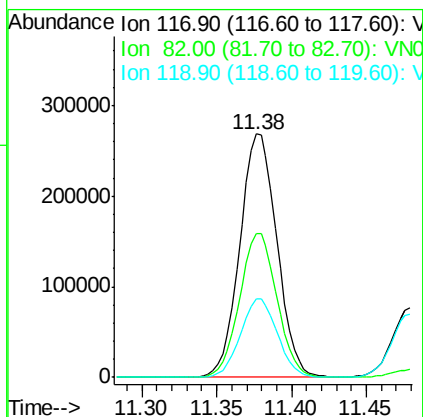
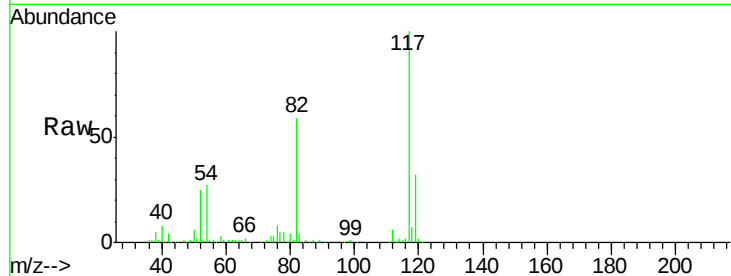
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	463861		
82	59.0	47.0	70.6	
119	32.2	25.4	38.2	

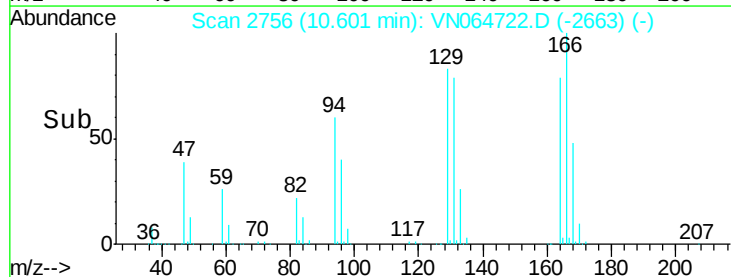
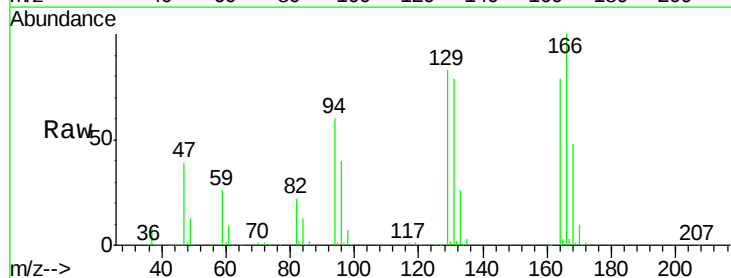
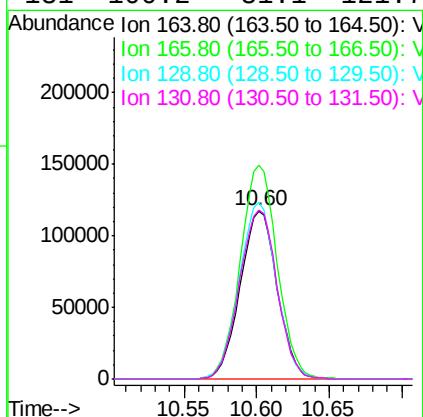
Manual Integrations
APPROVED

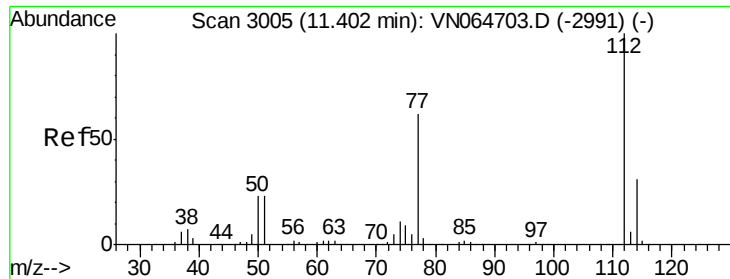
MMDadoda
11/19/2020 2:12:34 PM



#64
Tetrachloroethene
Concen: 50.633 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	208215		
166	126.9	102.2	153.4	
129	104.8	84.7	127.1	
131	100.2	81.1	121.7	





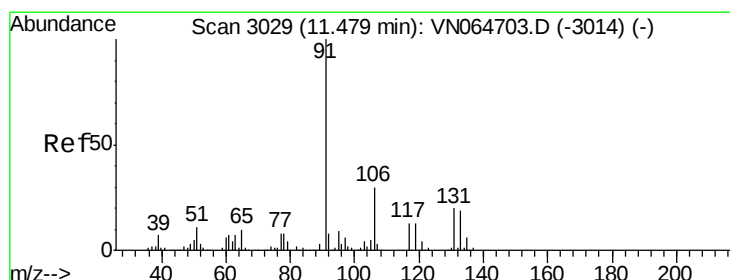
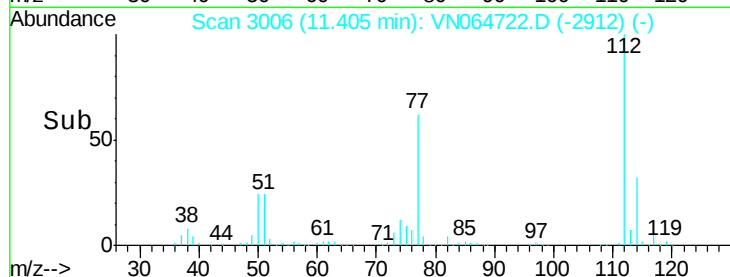
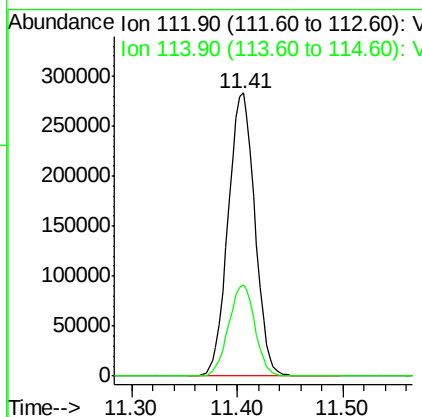
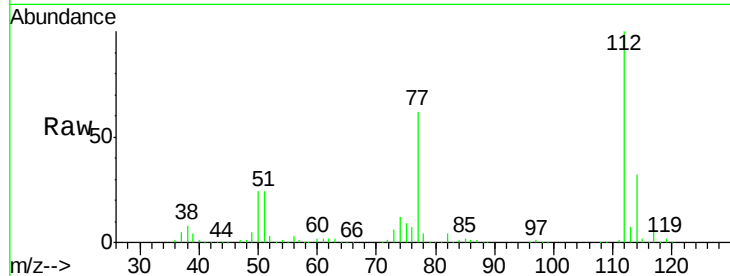
#65
Chlorobenzene
Concen: 50.257 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 495893
Ion Ratio Lower Upper
112 100
114 32.4 24.7 37.1

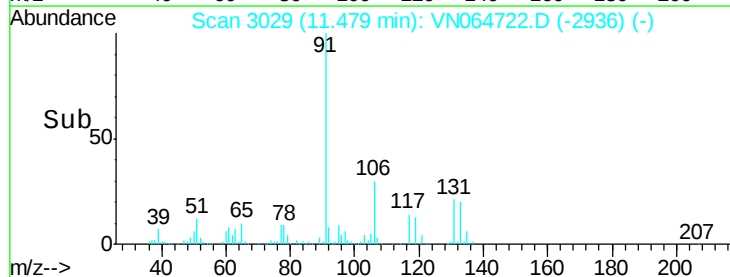
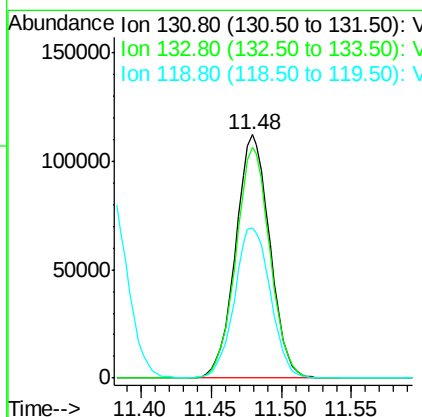
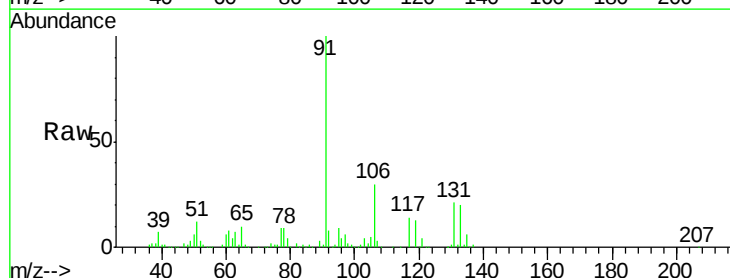
Manual Integrations
APPROVED

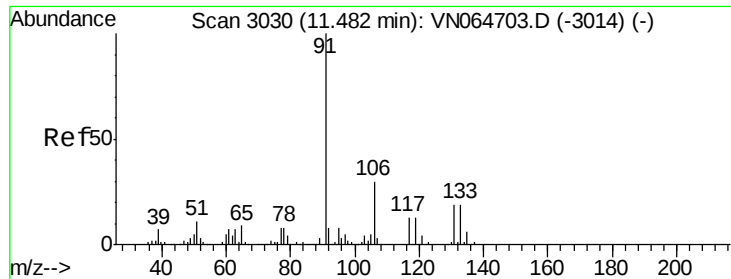
MMDadoda
11/19/2020 2:12:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.806 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion:131 Resp: 191000
Ion Ratio Lower Upper
131 100
133 94.3 48.8 146.4
119 65.0 33.5 100.4





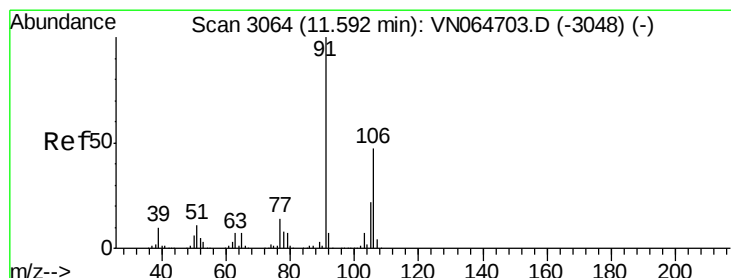
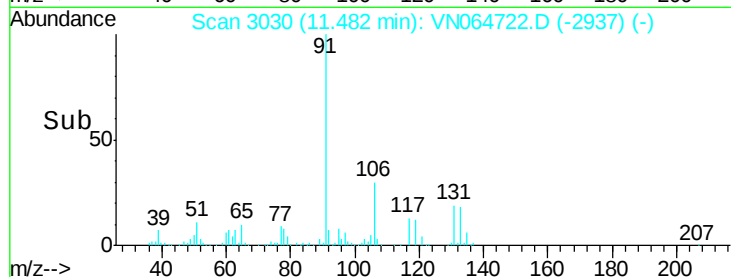
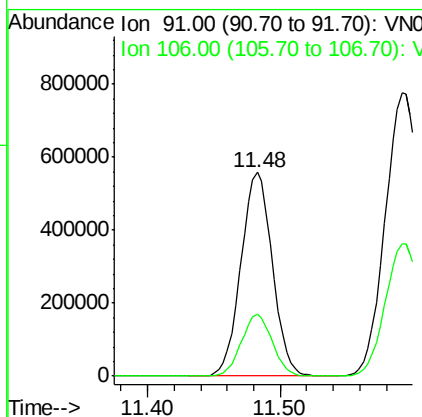
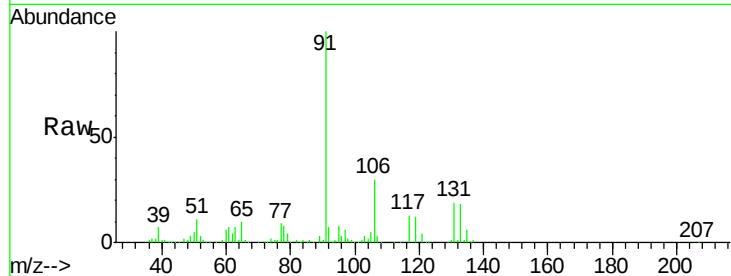
#67
Ethyl Benzene
Concen: 52.873 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		919856		
106	30.1	23.9	35.9		

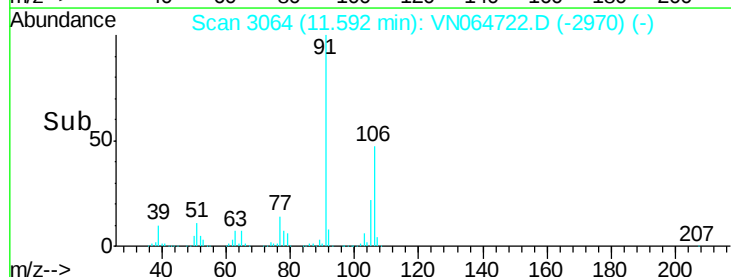
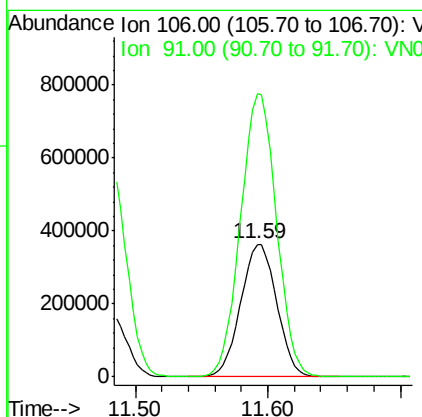
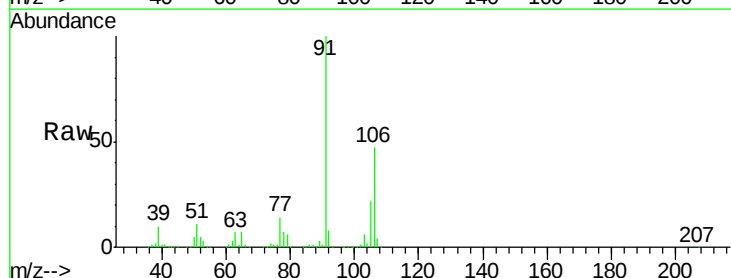
Manual Integrations
APPROVED

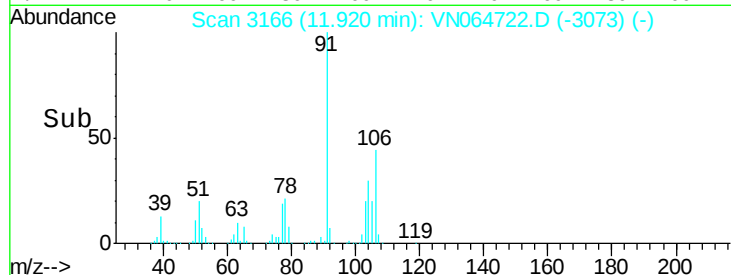
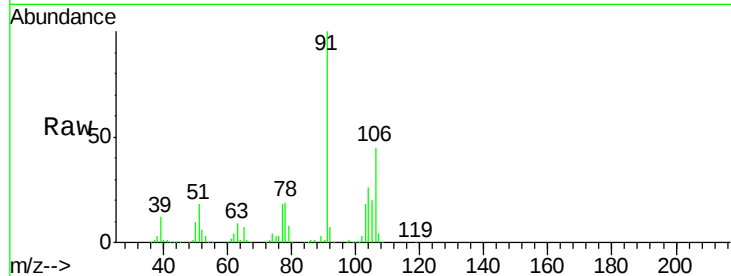
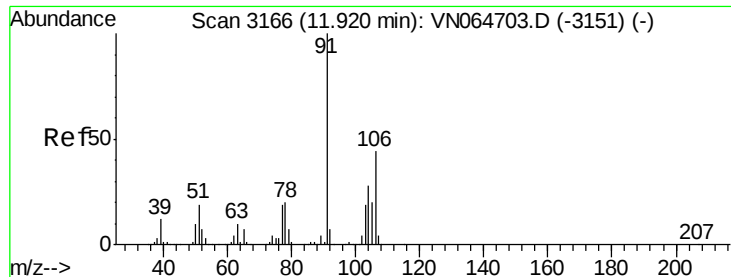
MMDadoda
11/19/2020 2:12:34 PM



#68
m/p-Xylenes
Concen: 97.094 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		685052		
91	213.7	171.9	257.9		





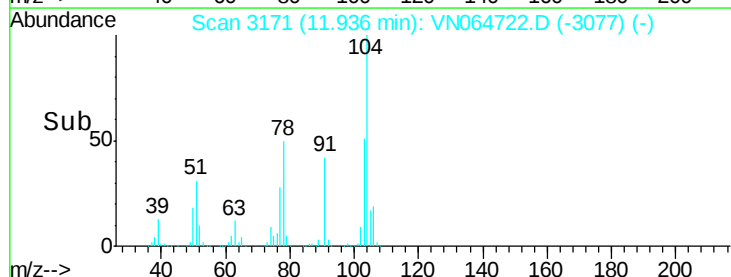
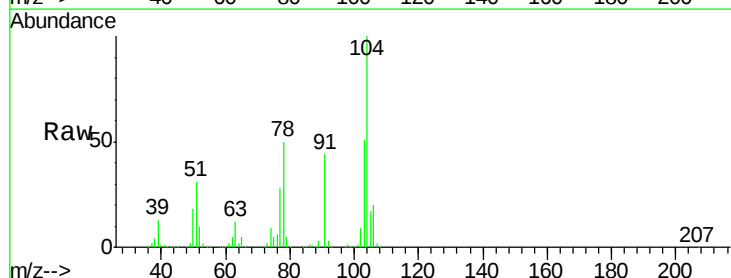
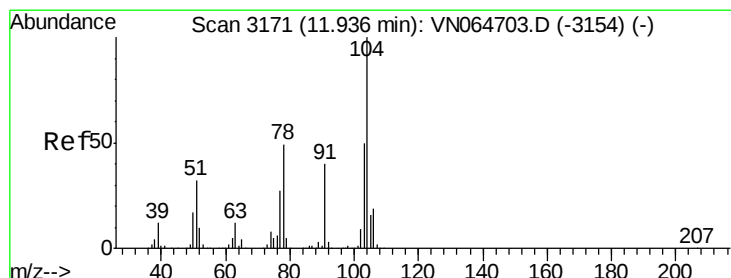
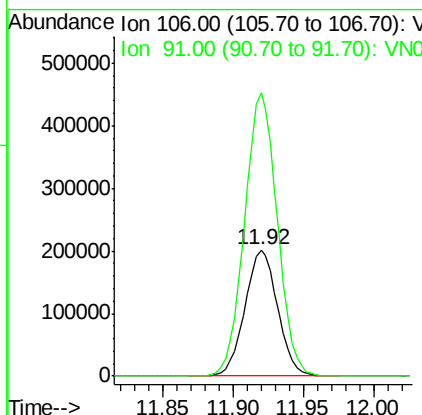
#69
o-Xylene
Concen: 53.902 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tot Ion:106 Resp: 327163
Ion Ratio Lower Upper
106 100
91 225.5 112.1 336.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

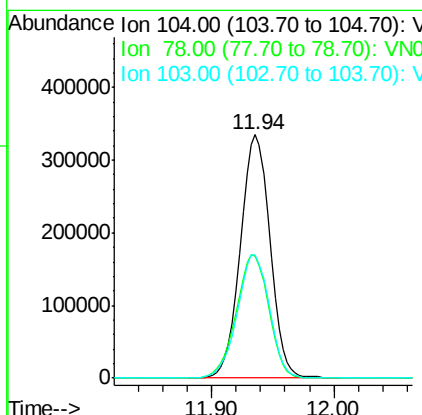
Manual Integrations
APPROVED

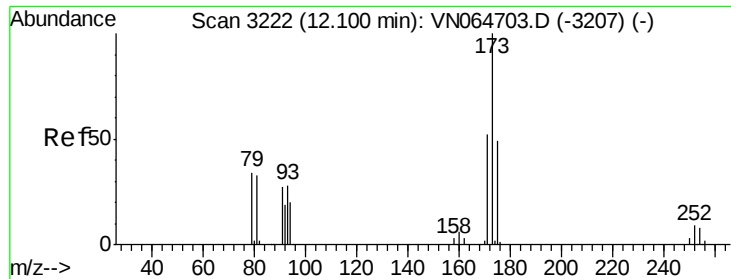
MMDadoda
11/19/2020 2:12:34 PM



#70
Styrene
Concen: 47.487 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion:104 Resp: 560544
Ion Ratio Lower Upper
104 100
78 56.0 44.1 66.1
103 55.4 43.7 65.5





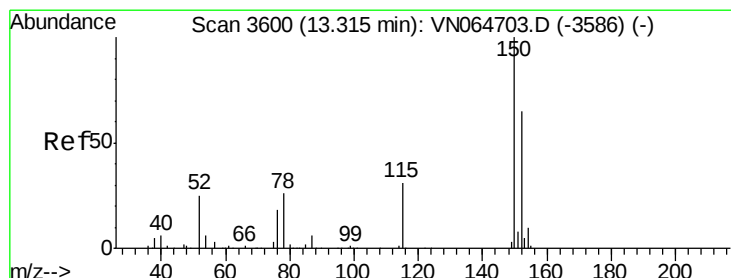
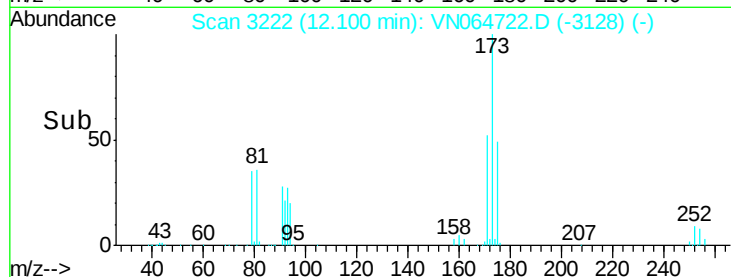
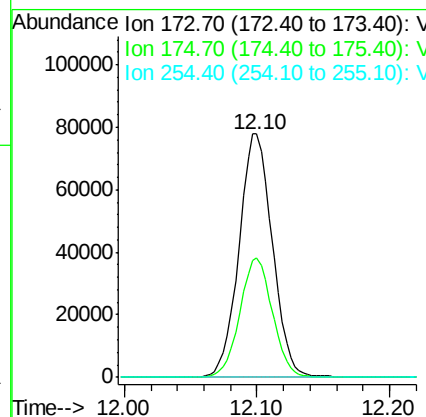
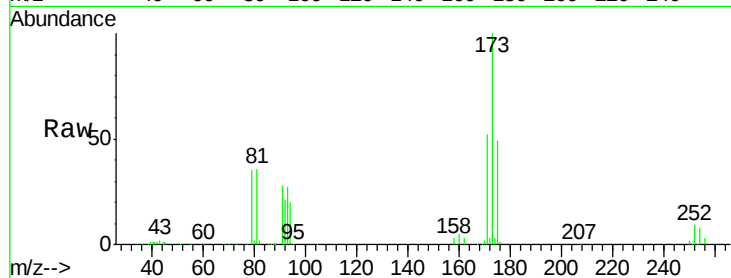
#71
Bromoform
Concen: 47.477 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	72.9
254	0.0	0.1	0.1#

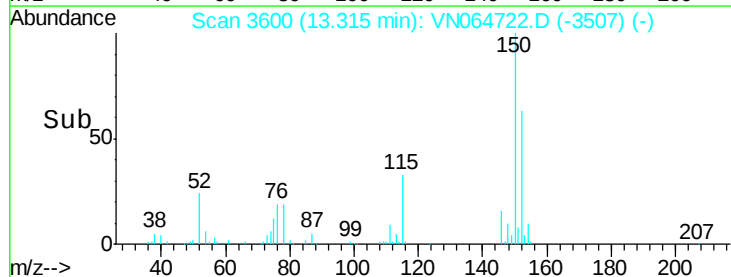
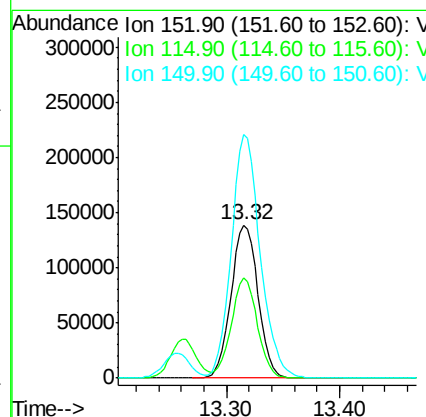
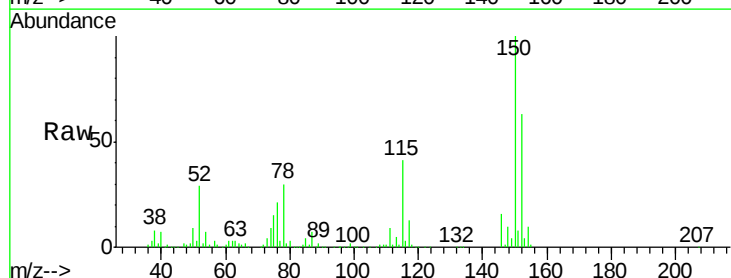
Manual Integrations
APPROVED

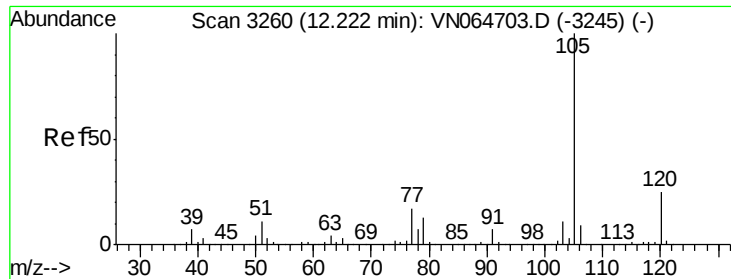
MMDadoda
11/19/2020 2:12:34 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.1	96.3
150	169.1	0.0	344.8





#73

Isopropylbenzene

Concen: 51.628 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 846707

Ion Ratio Lower Upper

105 100

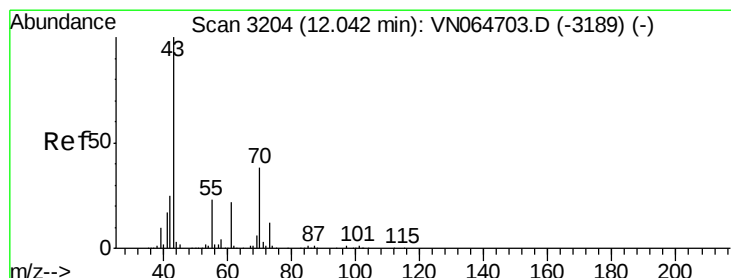
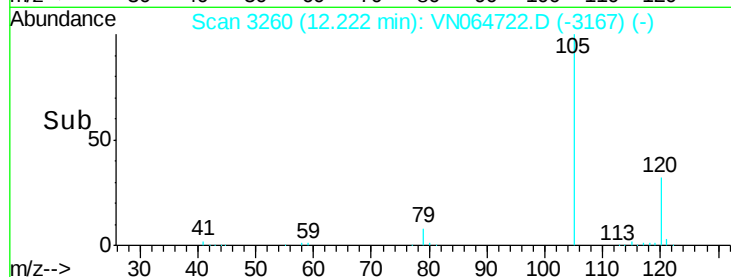
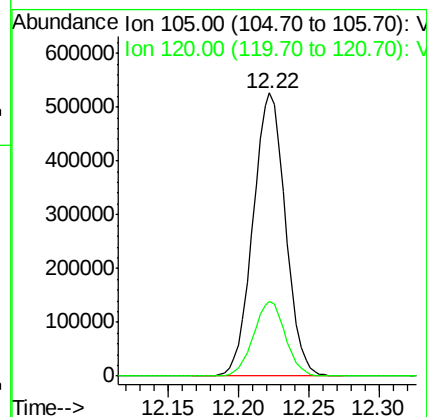
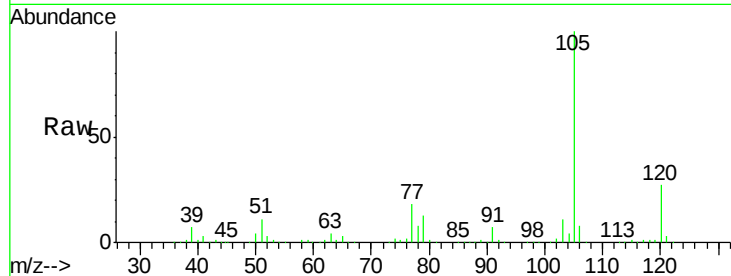
120 26.0 12.8 38.3

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:34 PM



#74

N-ethyl acetate

Concen: 50.807 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Tgt Ion: 43 Resp: 389129

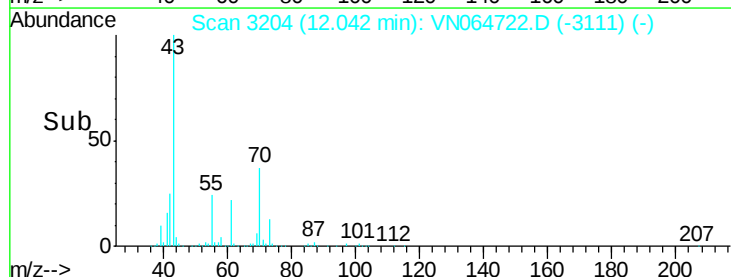
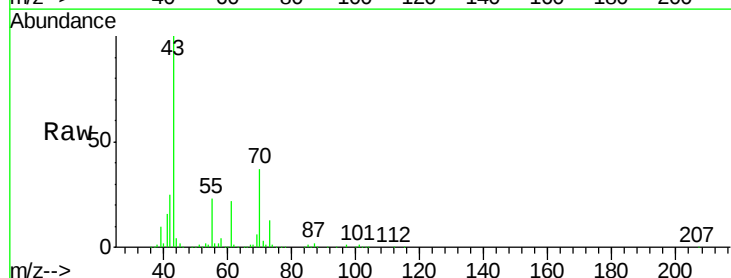
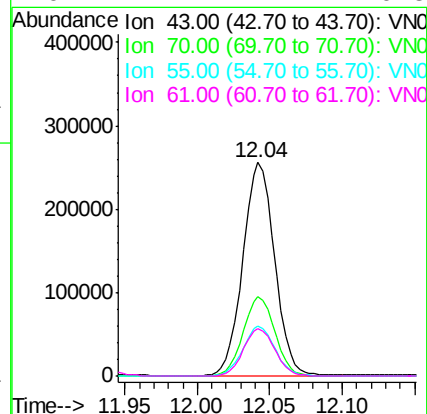
Ion Ratio Lower Upper

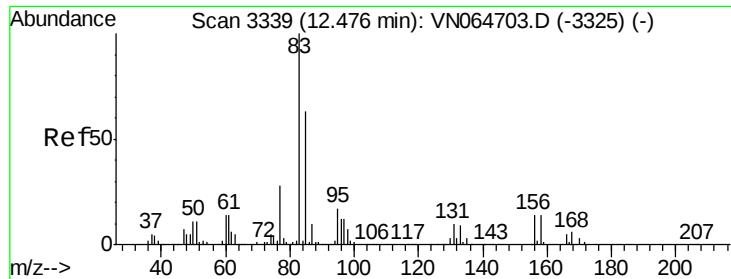
43 100

70 37.2 30.3 45.5

55 23.7 18.9 28.3

61 22.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.411 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

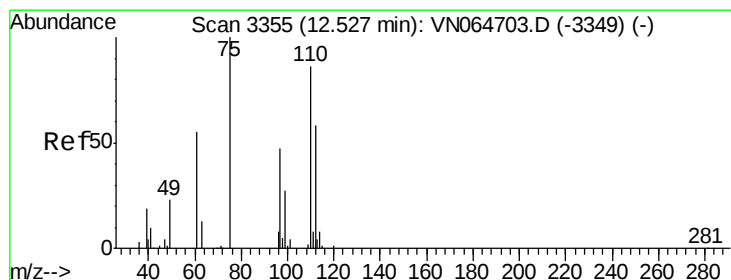
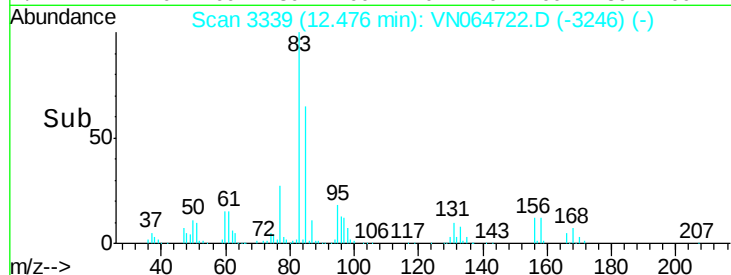
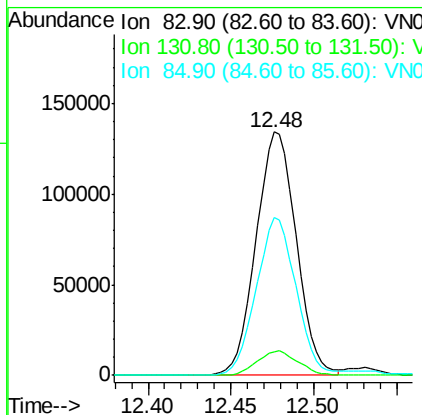
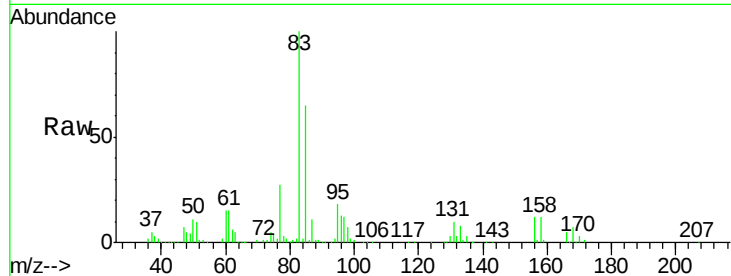
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	226560
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	64.2	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:12:34 PM



#76

1,2,3-Trichloropropane

Concen: 47.547 ug/l m

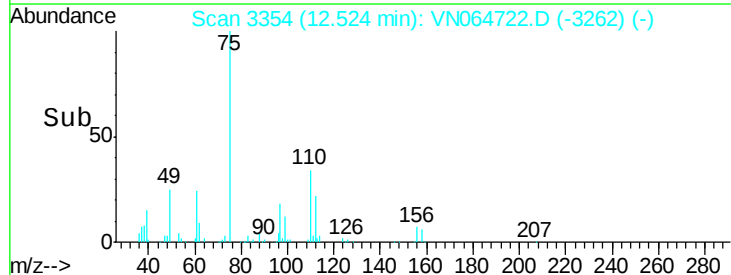
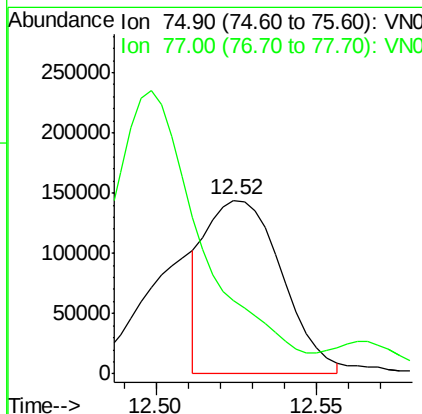
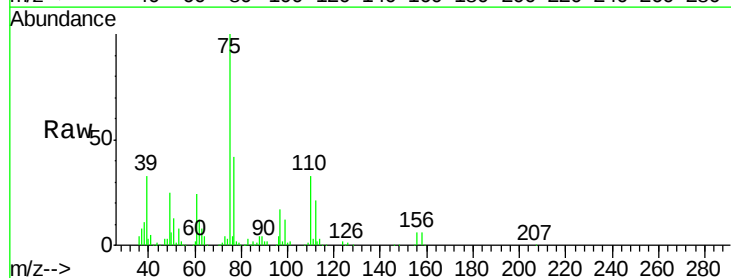
RT: 12.52 min Scan# 3354

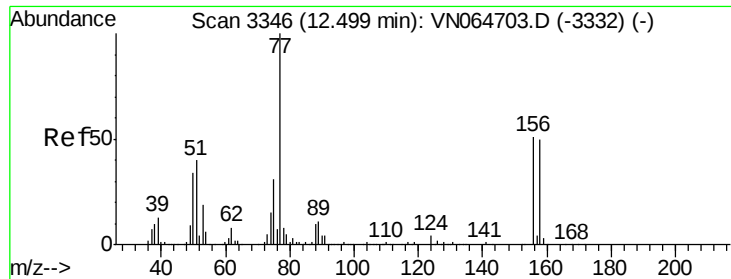
Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Tgt Ion:	75	Resp:	236642
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.890 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

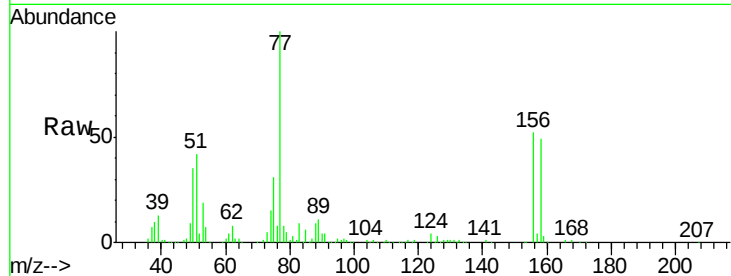
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	202225
Ion Ratio	Lower	Upper	
156	100		
77	234.6	117.3	351.9
158	95.8	49.0	147.2

Manual Integrations
APPROVED

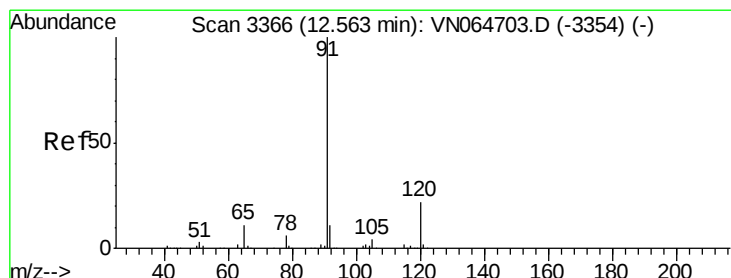
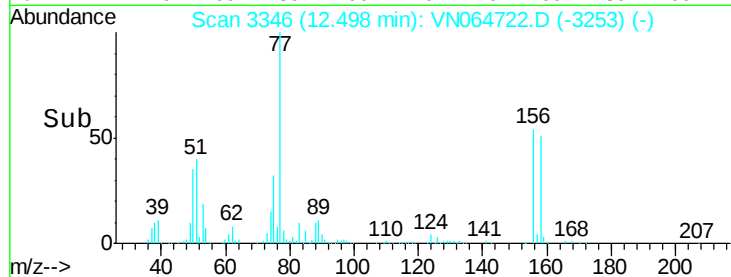
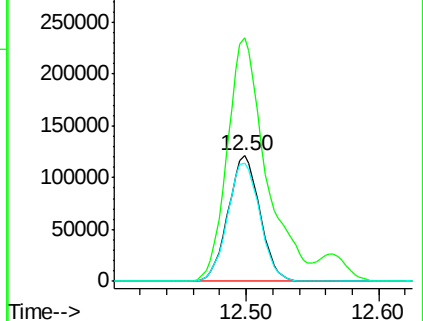
MMDadoda
11/19/2020 2:12:34 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.940 ug/l

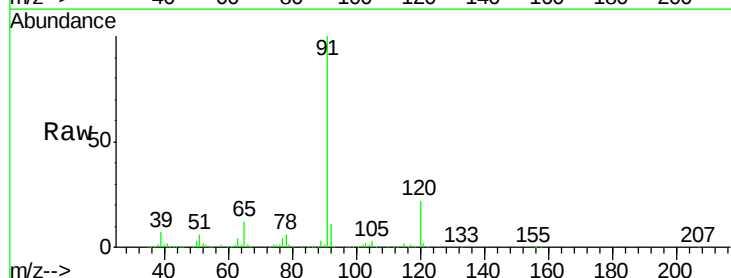
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064722.D

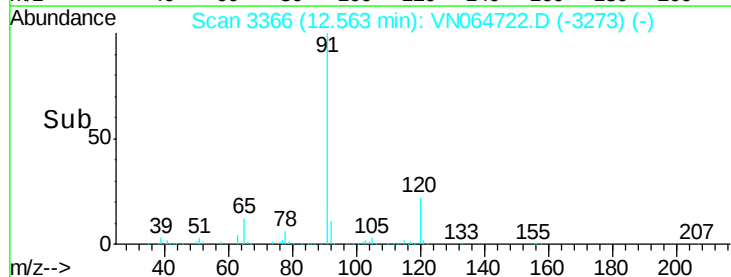
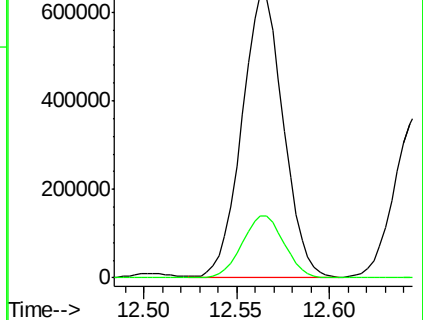
Acq: 18 Nov 2020 21:24

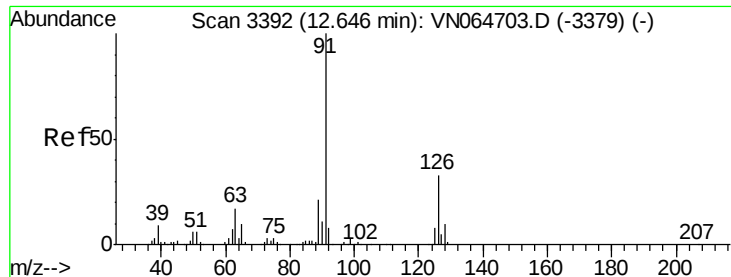
Tgt Ion:	91	Resp:	992016
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.793 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064722.D

Acq: 18 Nov 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 608663

Ion Ratio Lower Upper

91 100

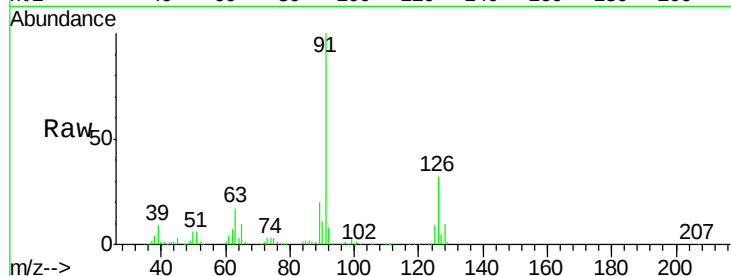
126 32.1 16.0 48.0

Manual Integrations

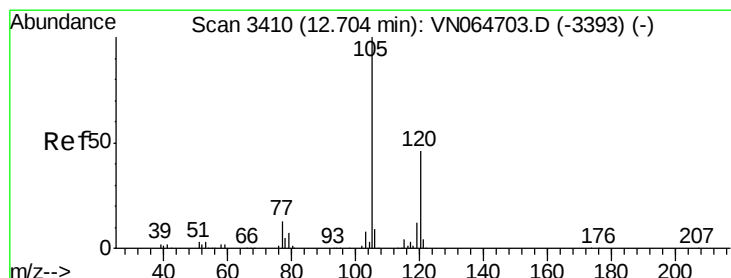
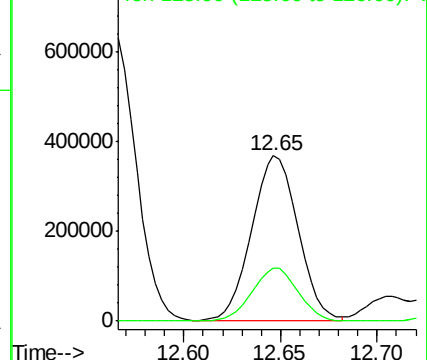
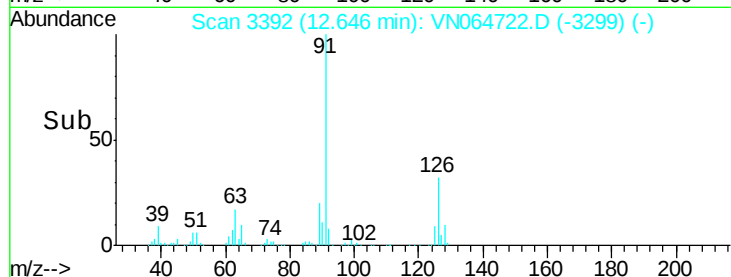
APPROVED

MMDadoda

11/19/2020 2:12:34 PM



Abundance Ion 91.00 (90.70 to 91.70): VN064722.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.192 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064722.D

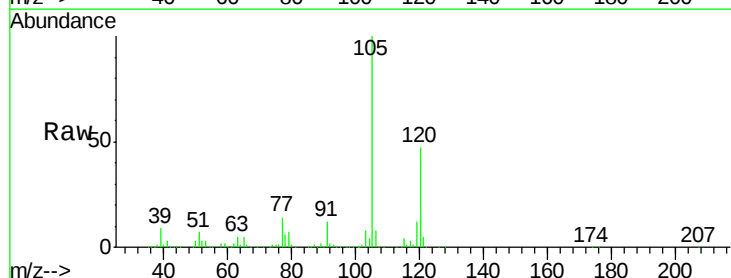
Acq: 18 Nov 2020 21:24

Tgt Ion: 105 Resp: 724658

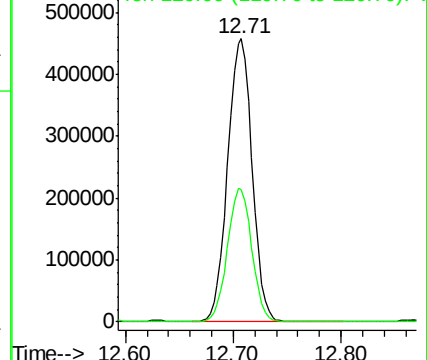
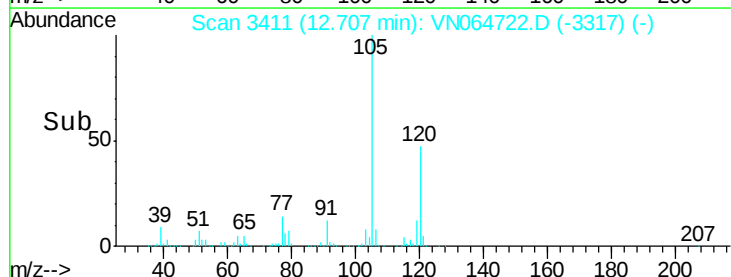
Ion Ratio Lower Upper

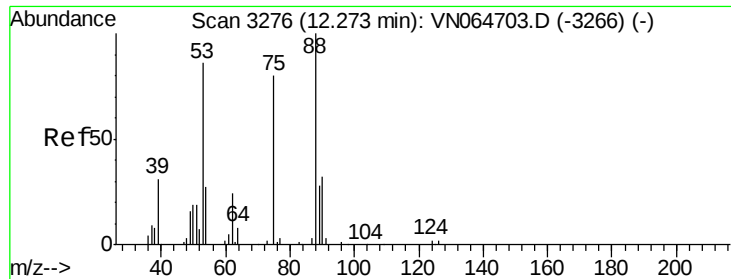
105 100

120 47.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064722.D (-3317) (-)





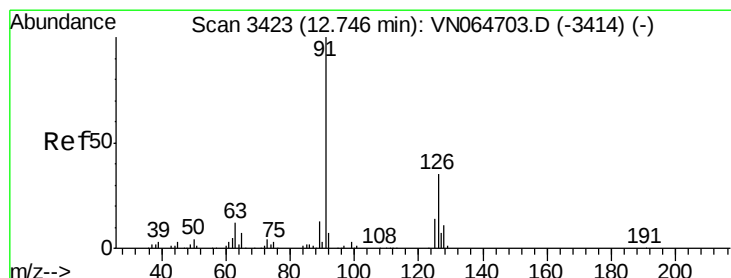
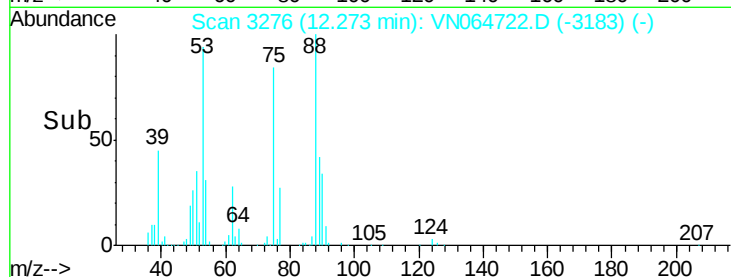
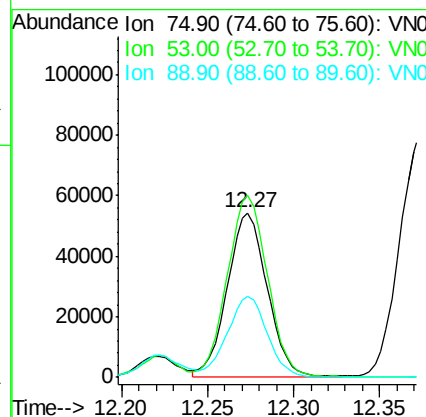
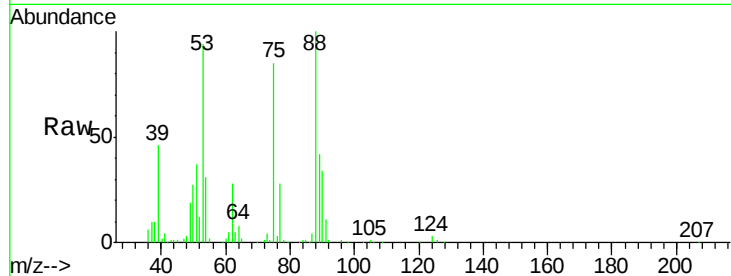
#81
trans-1,4-Dichloro-2-butene
Concen: 46.024 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.1	88.8	133.2
89	49.2	43.1	64.7

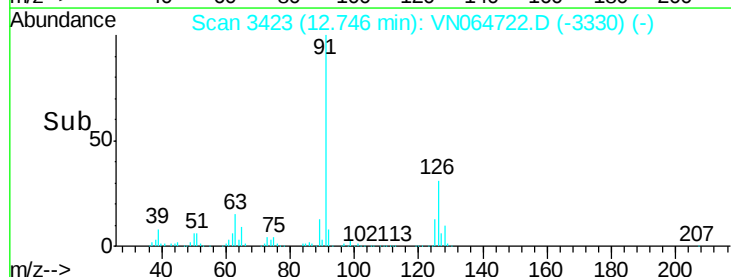
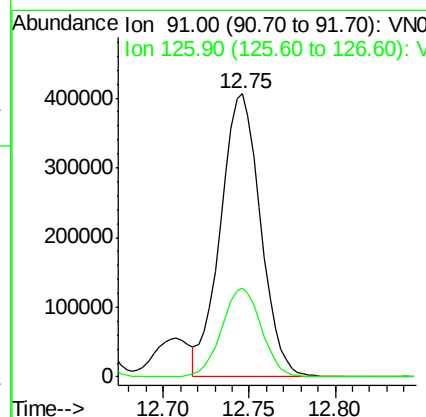
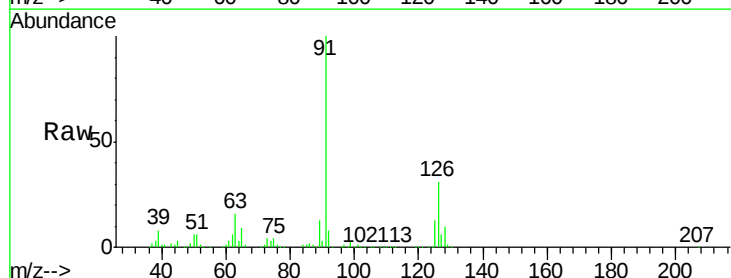
Manual Integrations
APPROVED

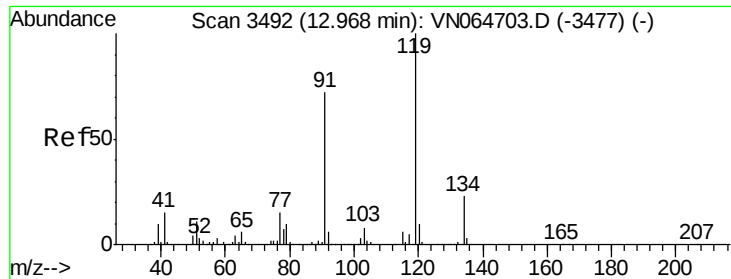
MMDadoda
11/19/2020 2:12:34 PM



#82
4-Chlorotoluene
Concen: 50.328 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.7





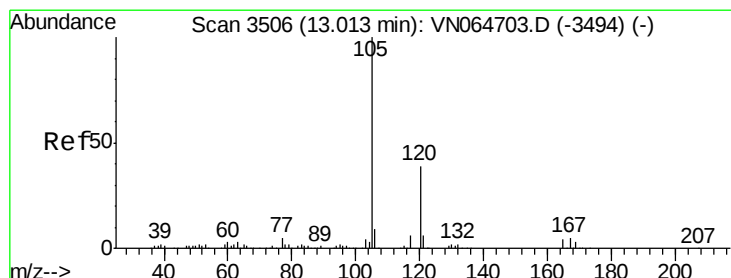
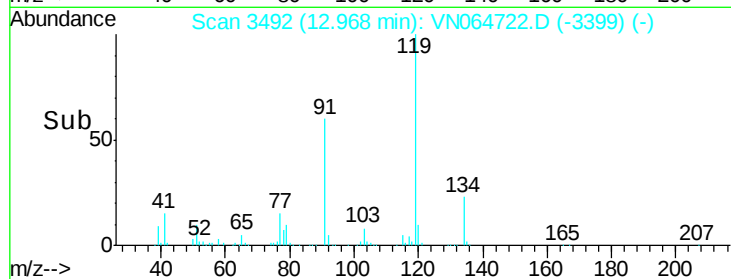
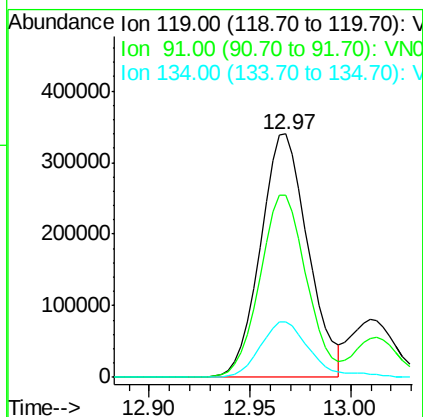
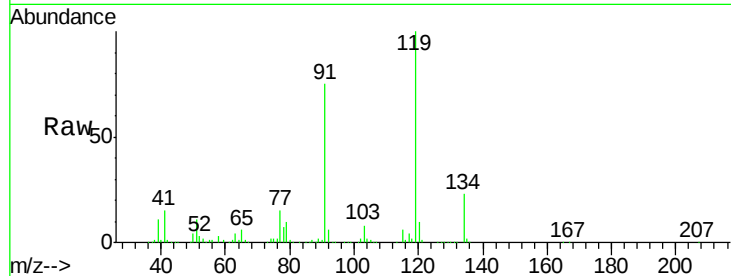
#83
 tert-Butylbenzene
 Concen: 52.883 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	73.2	35.8	107.4
134	24.1	12.0	36.1

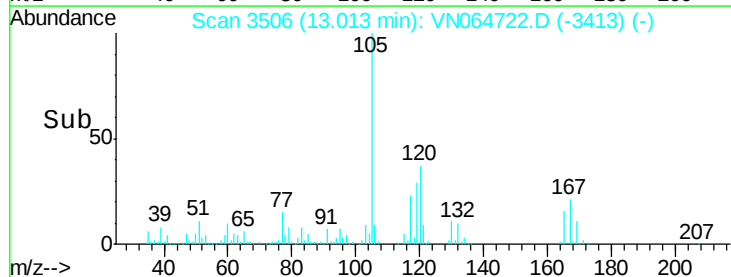
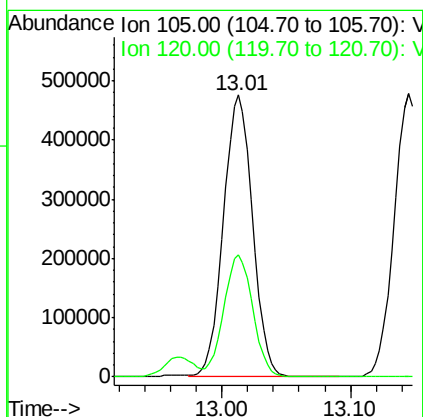
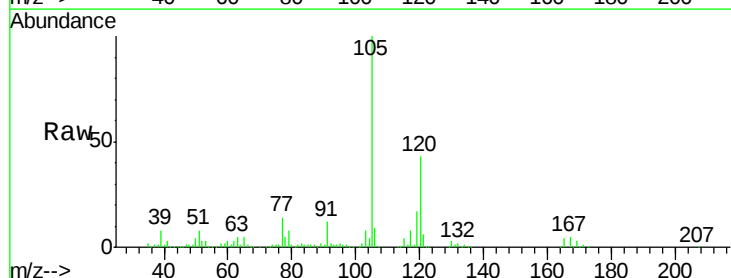
Manual Integrations
 APPROVED

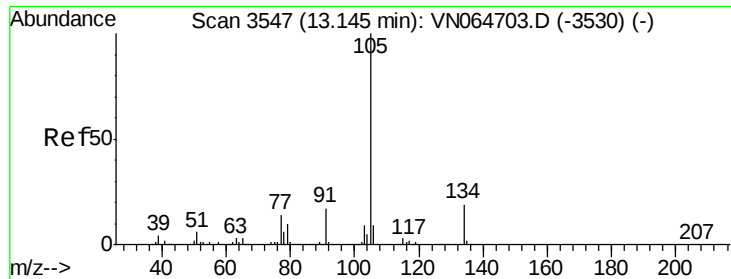
MMDadoda
 11/19/2020 2:12:34 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.412 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.0	66.0





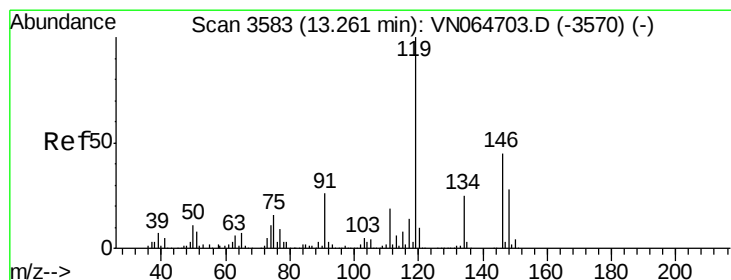
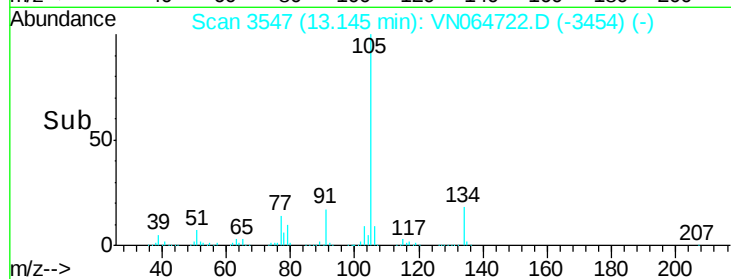
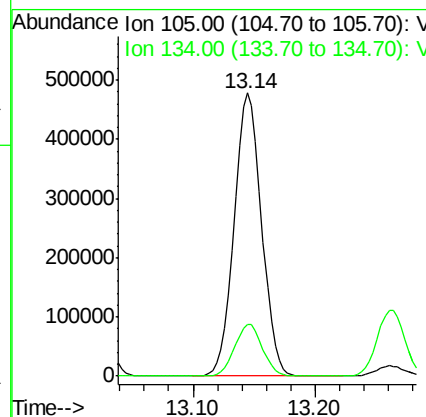
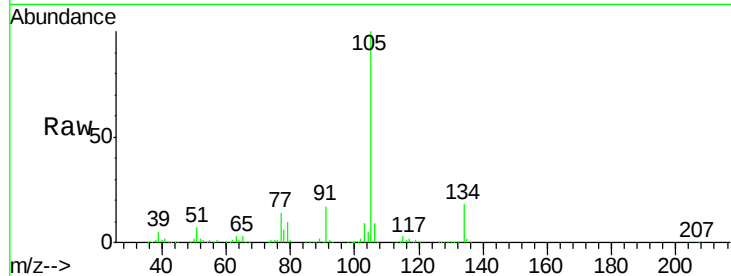
#85
 sec-Butylbenzene
 Concen: 53.206 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.5	9.5	28.5

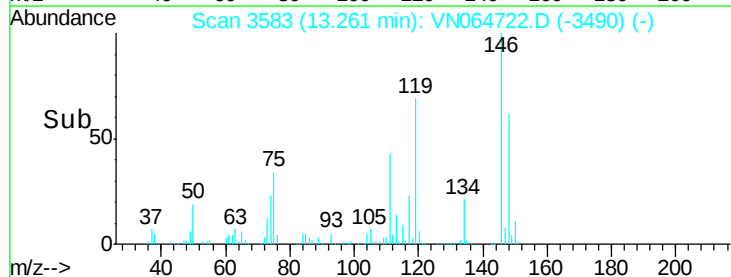
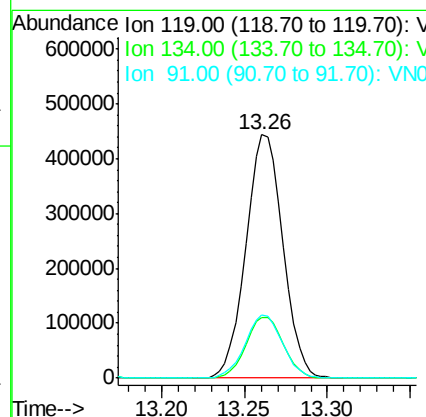
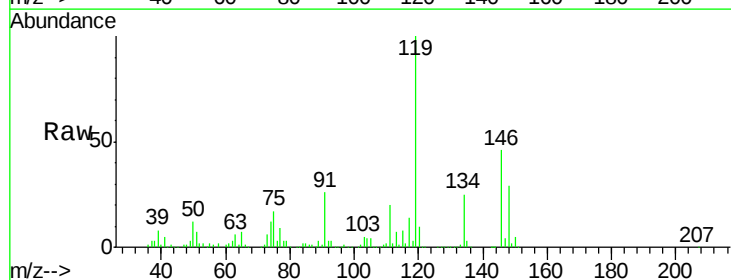
Manual Integrations
 APPROVED

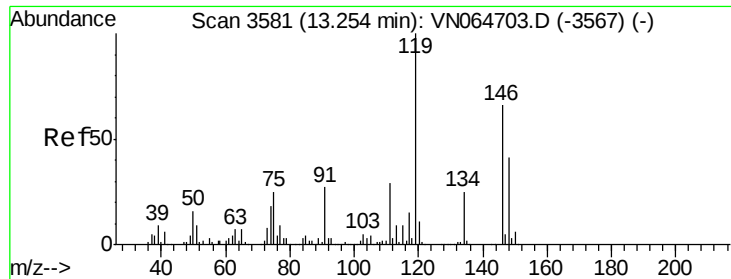
MMDadoda
 11/19/2020 2:12:34 PM



#86
 p-Isopropyltoluene
 Concen: 53.126 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.7	38.0
91	26.1	13.3	39.8





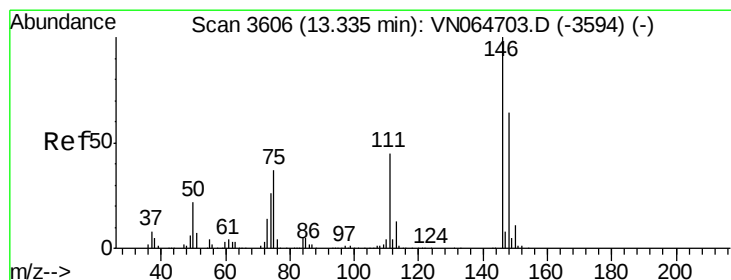
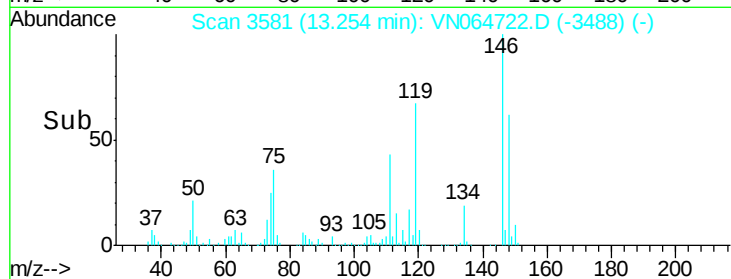
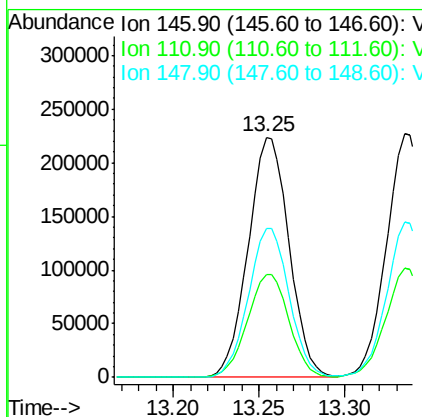
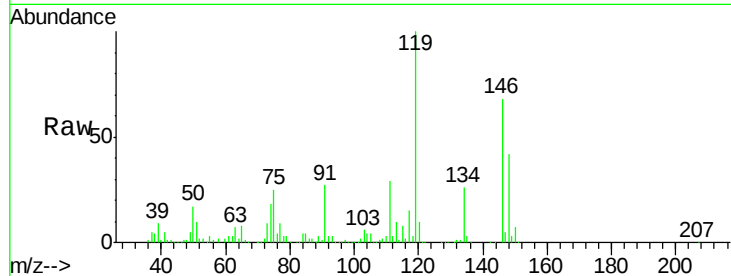
#87
 1,3-Dichlorobenzene
 Concen: 48.888 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.5	21.8	65.4	
148	62.0	31.5	94.5	

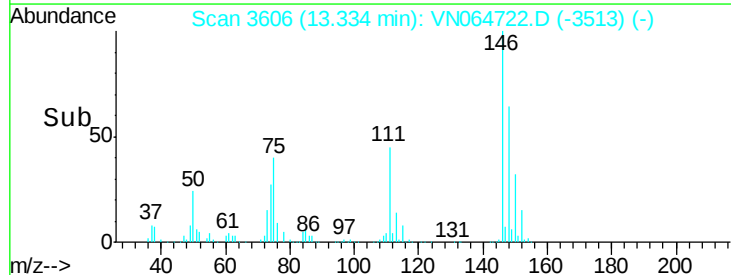
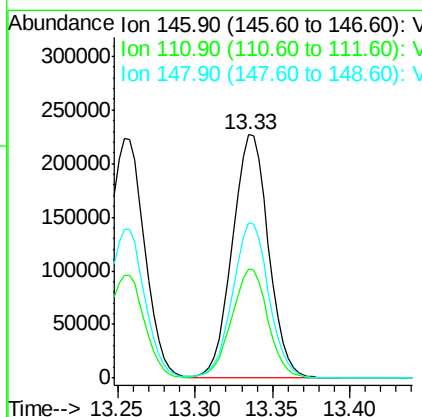
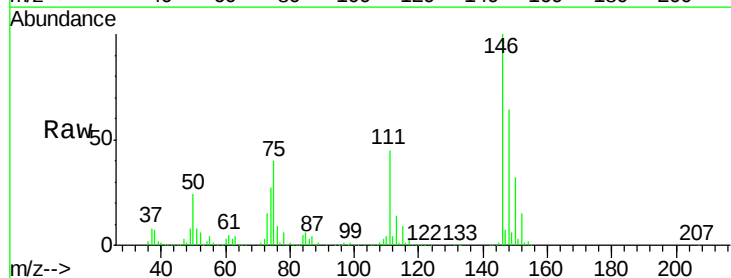
Manual Integrations
 APPROVED

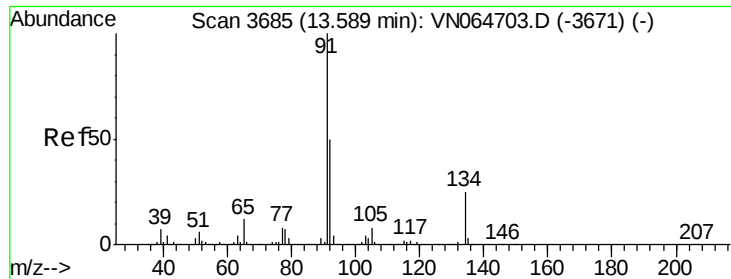
MMDadoda
 11/19/2020 2:12:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.486 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.9	22.3	66.8	
148	64.0	31.6	94.7	





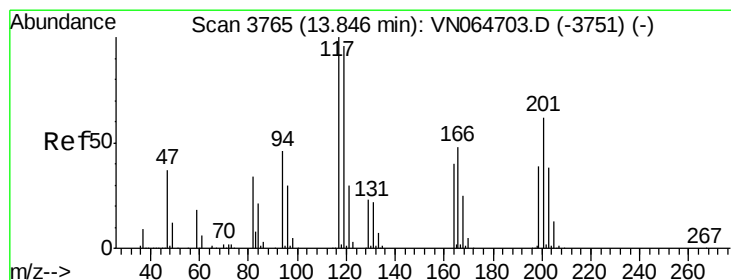
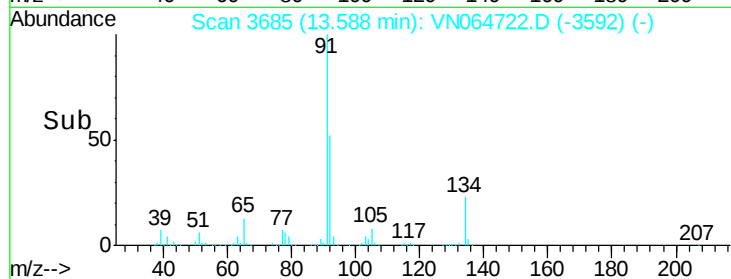
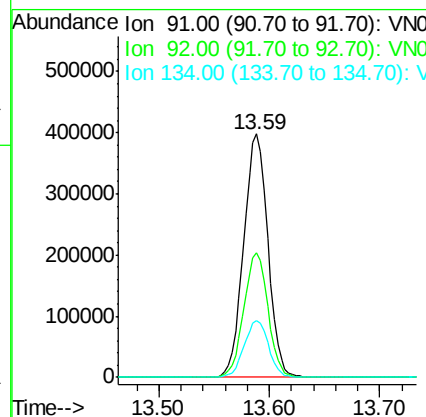
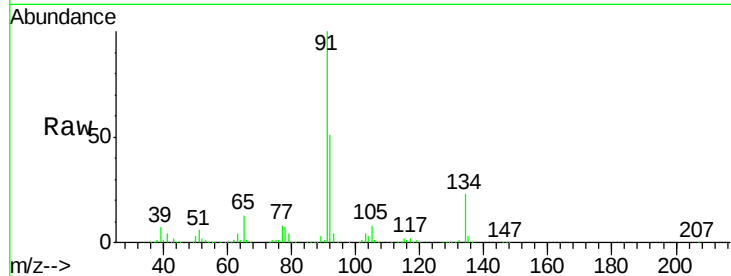
#89
n-Butylbenzene
Concen: 50.132 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	24.9	74.8
134	23.4	12.0	36.0

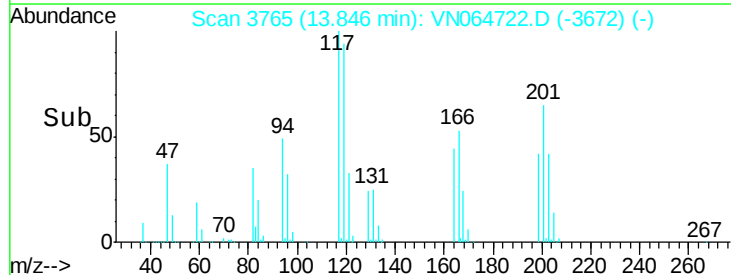
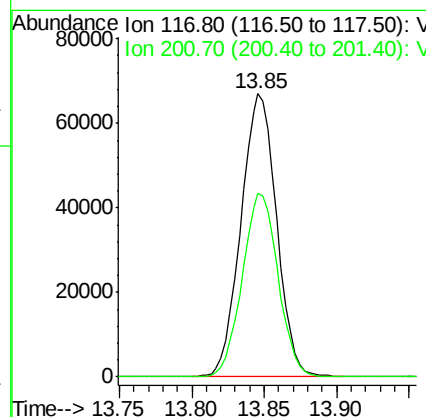
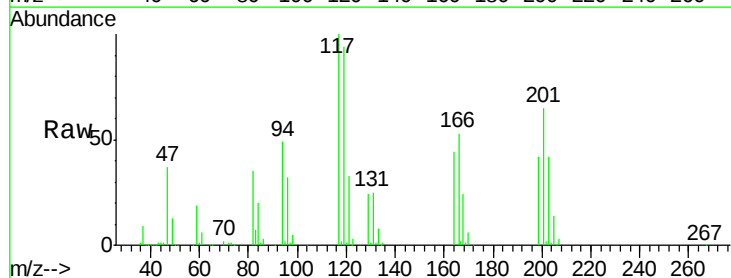
Manual Integrations
APPROVED

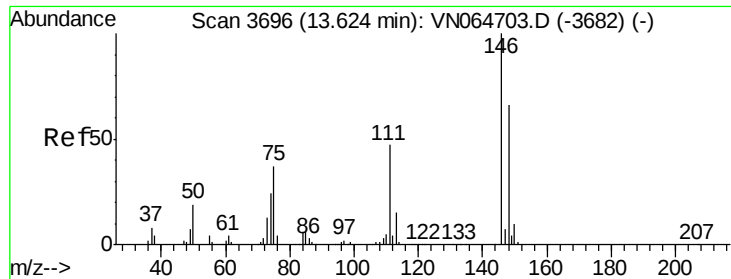
MMDadoda
11/19/2020 2:12:34 PM



#90
Hexachloroethane
Concen: 53.484 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.9	31.9	95.5





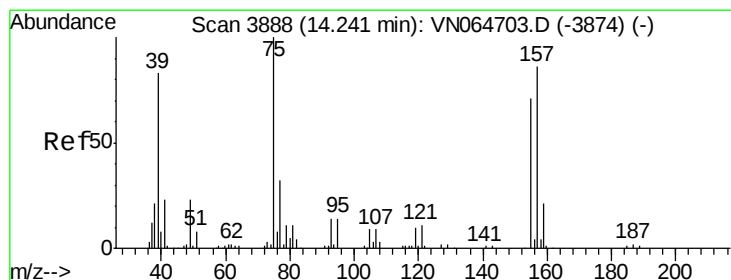
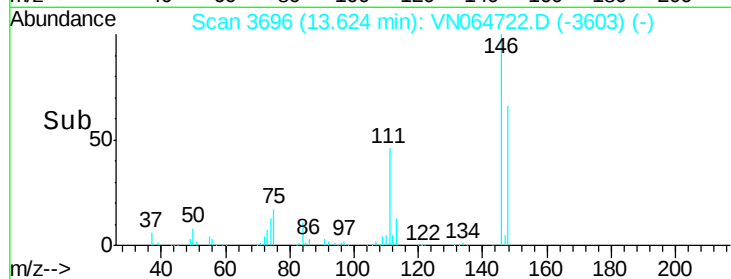
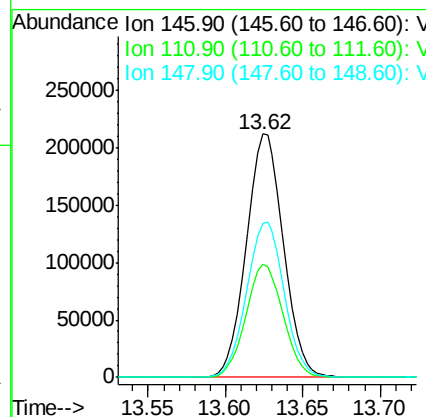
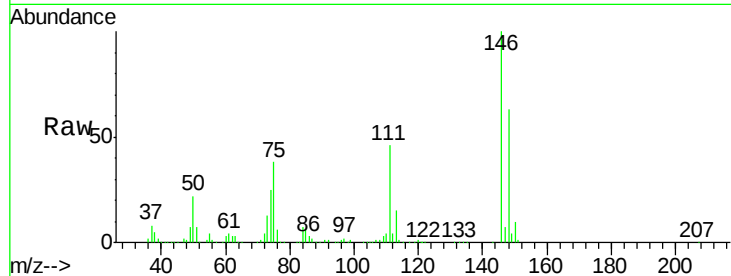
#91
 1,2-Dichlorobenzene
 Concen: 48.213 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	23.1	69.3
148	64.5	32.2	96.6

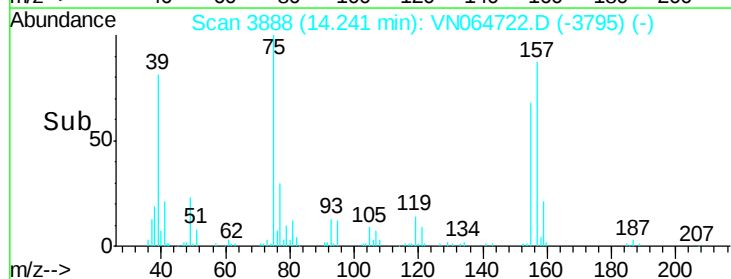
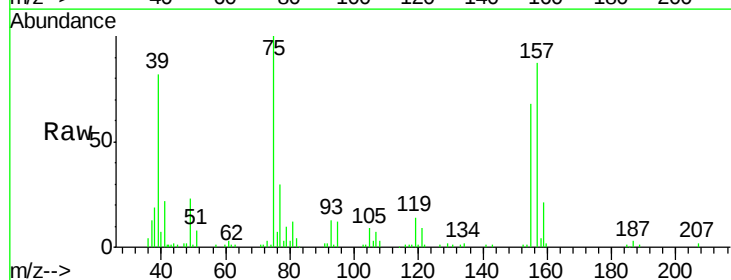
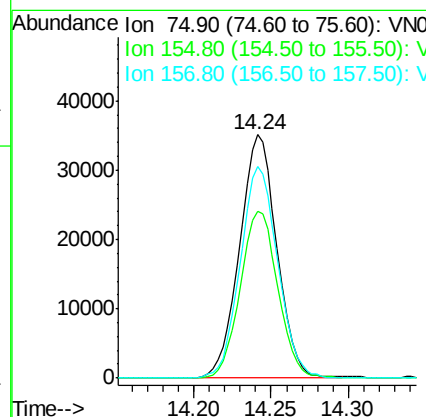
Manual Integrations
 APPROVED

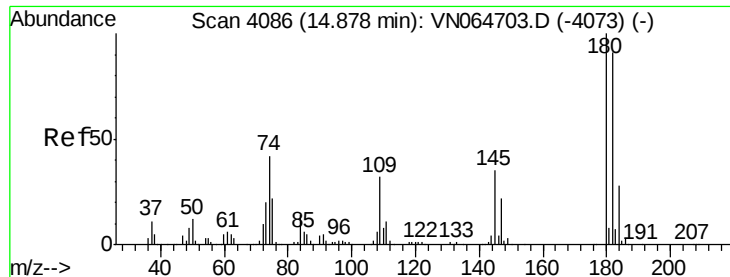
MMDadoda
 11/19/2020 2:12:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.765 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.9	33.6	100.6
157	87.6	42.4	127.2





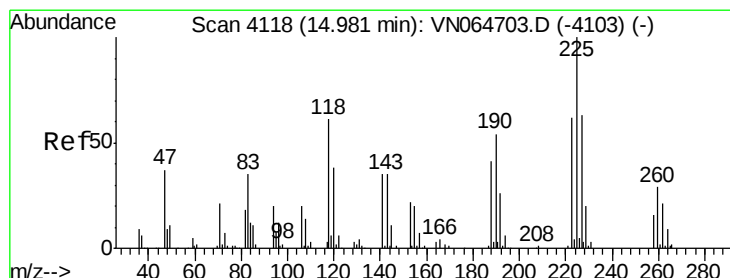
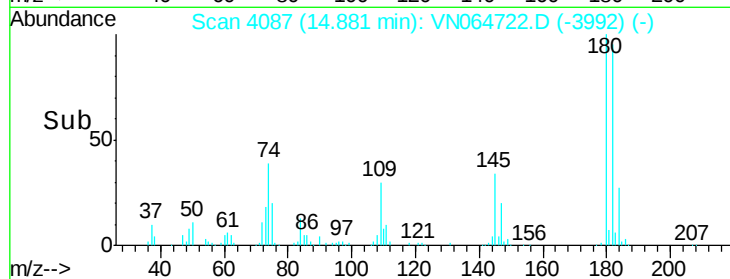
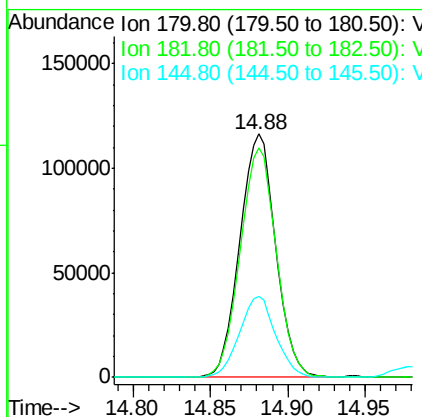
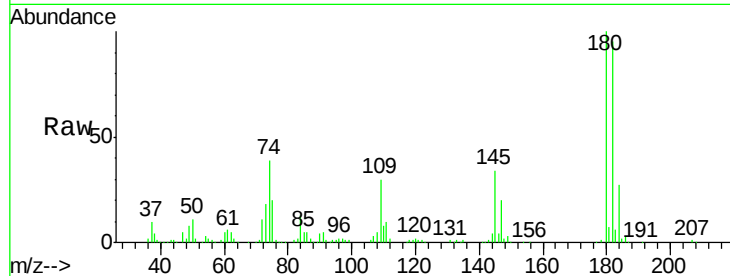
#93
 1,2,4-Trichlorobenzene
 Concen: 46.957 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.8
145	33.4	17.5	52.5

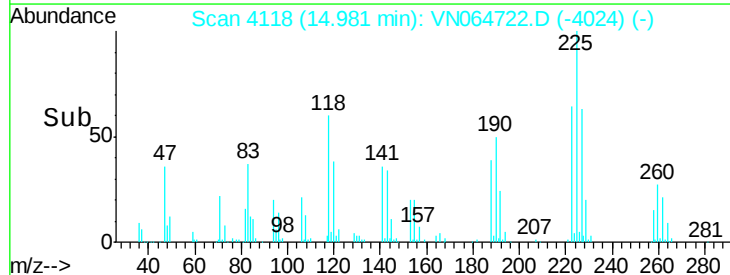
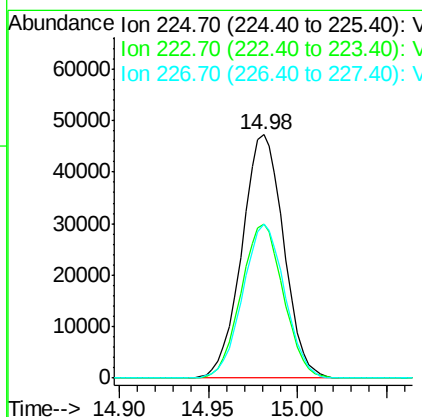
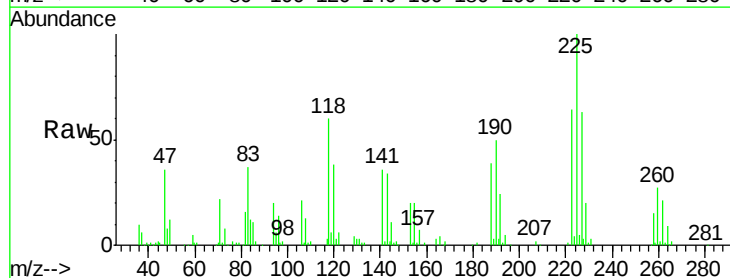
Manual Integrations
 APPROVED

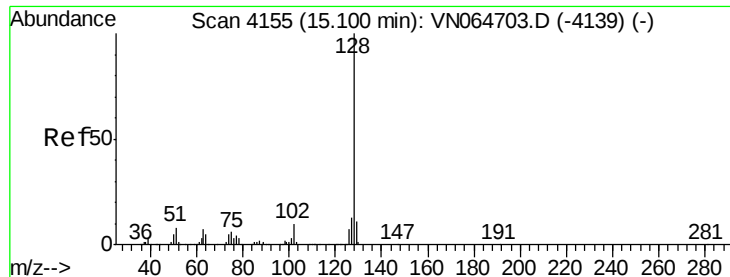
MMDadoda
 11/19/2020 2:12:34 PM



#94
 Hexachlorobutadiene
 Concen: 47.235 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064722.D
 Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.2	93.6
227	63.3	32.1	96.3





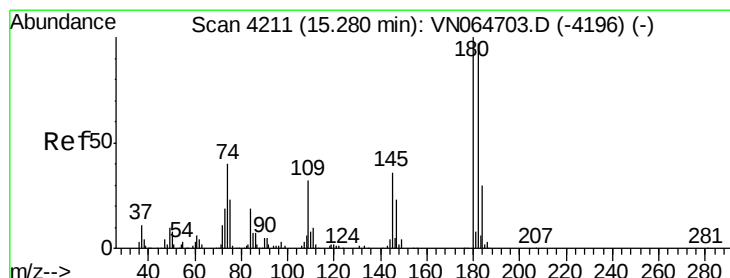
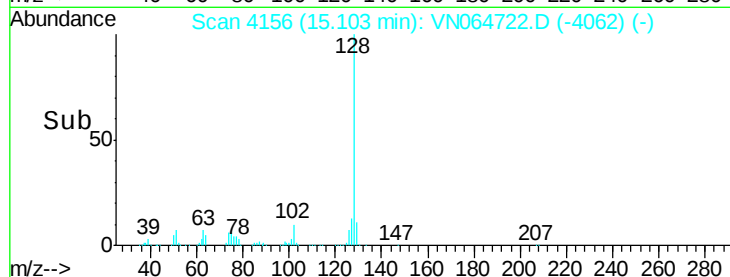
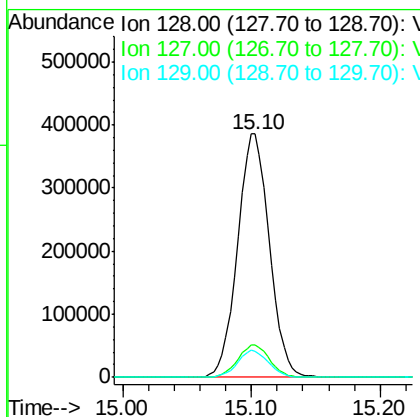
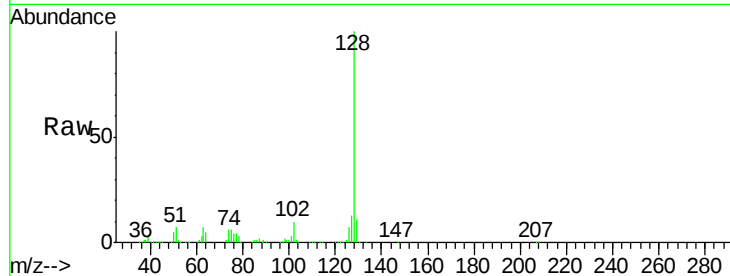
#95
Naphthalene
Concen: 50.884 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:12:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.984 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064722.D
Acq: 18 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.5	142.5
145	35.3	18.1	54.1

