

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063962.D
 Acq On : 8 Oct 2020 00:29
 Operator : JC/MD
 Sample : VN1007WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:34 AM

Quant Time: Oct 08 06:28:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	267467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	441222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194283	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	218398	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	7.55	113	150821	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	10.06	98	550044	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.38	95	201545	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	47906	16.975	ug/l	94
3) Chloromethane	2.04	50	56377	17.025	ug/l	94
4) Vinyl Chloride	2.16	62	56147	16.891	ug/l	99
5) Bromomethane	2.53	94	33913	16.220	ug/l	100
6) Chloroethane	2.68	64	37746	19.003	ug/l	98
7) Trichlorofluoromethane	2.99	101	98266	18.640	ug/l	99
8) Diethyl Ether	3.37	74	33776	18.944	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51815	18.389	ug/l	98
10) Methyl Iodide	3.91	142	51819	15.838	ug/l	97
11) Tert butyl alcohol	4.73	59	51221	104.995	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	47787	17.743	ug/l	98
13) Acrolein	3.57	56	28491	95.157	ug/l	97
14) Allyl chloride	4.28	41	96580	19.302	ug/l	93
15) Acrylonitrile	4.94	53	141819	101.559	ug/l	99
16) Acetone	3.78	43	132606	97.488	ug/l	99
17) Carbon Disulfide	4.01	76	129219	18.203	ug/l	99
18) Methyl Acetate	4.28	43	71362	20.206	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	186701	19.080	ug/l	100
20) Methylene Chloride	4.51	84	64087	20.627	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	54181	17.960	ug/l	95
22) Diisopropyl ether	5.90	45	214824	20.867	ug/l	97
23) Vinyl Acetate	5.85	43	835619	97.988	ug/l	99
24) 1,1-Dichloroethane	5.80	63	115036	19.543	ug/l	98
25) 2-Butanone	6.78	43	201069	104.263	ug/l	98
26) 2,2-Dichloropropane	6.78	77	76927	14.271	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64092	18.472	ug/l	97
28) Bromochloromethane	7.15	49	56277	19.344	ug/l	99
29) Tetrahydrofuran	7.16	42	134566	104.039	ug/l	96
30) Chloroform	7.33	83	121030	19.720	ug/l	93
31) Cyclohexane	7.62	56	93814	18.288	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	104549	18.886	ug/l	97
36) 1,1-Dichloropropene	7.75	75	81625	18.261	ug/l	99
37) Ethyl Acetate	6.88	43	84256	18.972	ug/l	99
38) Carbon Tetrachloride	7.74	117	90344	18.024	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063962.D
 Acq On : 8 Oct 2020 00:29
 Operator : JC/MD
 Sample : VN1007WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1007WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:34 AM

Quant Time: Oct 08 06:28:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73037	16.385	ug/l	99
40) Benzene	8.01	78	240548	18.841	ug/l	99
41) Methacrylonitrile	7.13	41	36345	18.414	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	102650	18.835	ug/l	99
43) Isopropyl Acetate	8.13	43	146963	20.063	ug/l	99
44) Trichloroethene	8.80	130	60069	17.957	ug/l	99
45) 1,2-Dichloropropane	9.09	63	67597	19.604	ug/l	99
46) Dibromomethane	9.18	93	44335	18.639	ug/l	99
47) Bromodichloromethane	9.37	83	93826	19.139	ug/l	97
48) Methyl methacrylate	9.17	41	72669	20.079	ug/l	90
49) 1,4-Dioxane	9.17	88	18205	353.935	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	440091	102.375	ug/l	100
52) Toluene	10.13	92	149487	18.929	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	95115	18.100	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	101227	18.419	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	61681	19.476	ug/l	98
56) Ethyl methacrylate	10.40	69	85513	19.049	ug/l	97
57) 1,3-Dichloropropane	10.68	76	107968	20.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	228432	95.129	ug/l	98
59) 2-Hexanone	10.72	43	317946	99.563	ug/l	97
60) Dibromochloromethane	10.87	129	69625	18.877	ug/l	98
61) 1,2-Dibromoethane	10.98	107	61391	18.950	ug/l	98
64) Tetrachloroethene	10.60	164	59022	18.193	ug/l	97
65) Chlorobenzene	11.41	112	158579	18.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	61609	18.683	ug/l	96
67) Ethyl Benzene	11.49	91	281343	17.975	ug/l	99
68) m/p-Xylenes	11.60	106	210842	36.144	ug/l	100
69) o-Xylene	11.92	106	99659	18.279	ug/l	98
70) Styrene	11.94	104	168186	18.172	ug/l	100
71) Bromoform	12.10	173	46582	18.470	ug/l #	97
73) Isopropylbenzene	12.23	105	265668	18.747	ug/l	100
74) N-amyl acetate	12.05	43	115509	18.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85322	19.690	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	82540m	19.273	ug/l	
77) Bromobenzene	12.50	156	68411	19.674	ug/l	97
78) n-propylbenzene	12.57	91	296029	17.950	ug/l	100
79) 2-Chlorotoluene	12.65	91	189982	18.731	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	222551	18.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	25198	16.946	ug/l	95
82) 4-Chlorotoluene	12.75	91	198708	18.872	ug/l	100
83) tert-Butylbenzene	12.97	119	181845	18.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	219617	18.502	ug/l	95
85) sec-Butylbenzene	13.15	105	231748	18.144	ug/l	100
86) p-Isopropyltoluene	13.26	119	208120	18.419	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	117640	18.701	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	115082	17.570	ug/l	98
89) n-Butylbenzene	13.59	91	166655	15.980	ug/l	100
90) Hexachloroethane	13.85	117	40113	18.320	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	115333	18.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18539	18.243	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063962.D
Acq On : 8 Oct 2020 00:29
Operator : JC/MD
Sample : VN1007WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

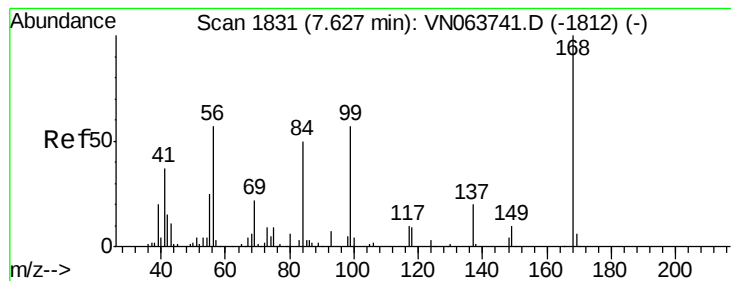
Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM

Quant Time: Oct 08 06:28:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51910	16.526	ug/l	98
94) Hexachlorobutadiene	14.98	225	31840	18.889	ug/l	97
95) Naphthalene	15.10	128	150214	15.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	51181	16.655	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion:168 Resp: 267467

Ion Ratio Lower Upper

168 100

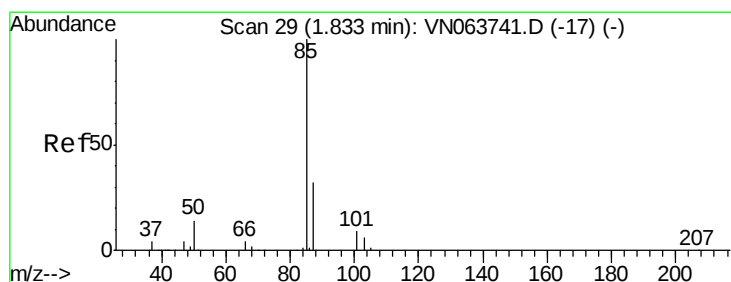
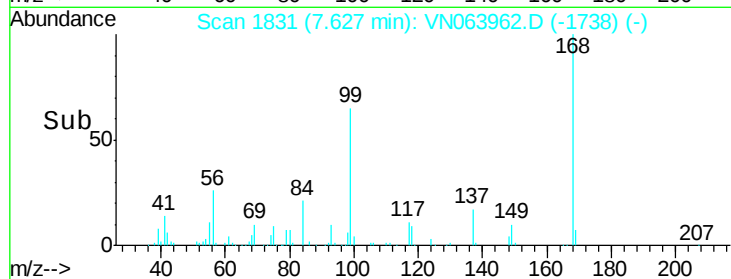
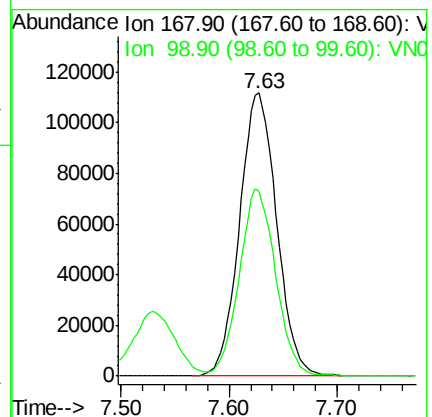
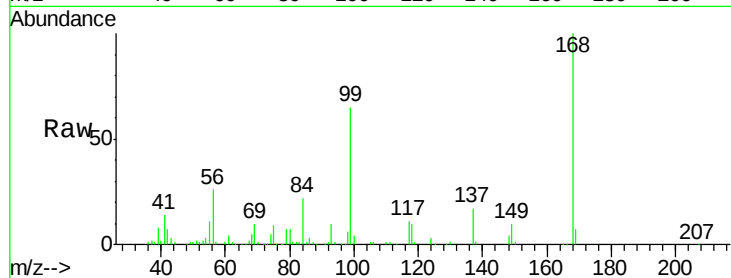
99 64.9 51.8 77.6

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:34 AM



#2

Dichlorodifluoromethane

Concen: 16.975 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063962.D

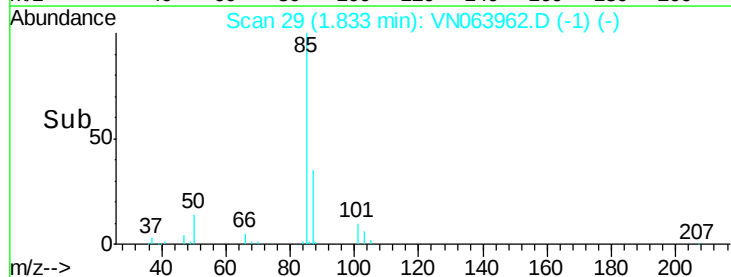
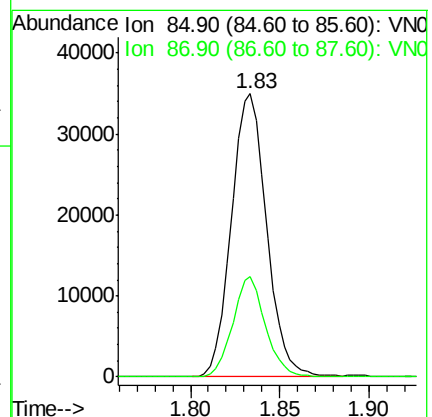
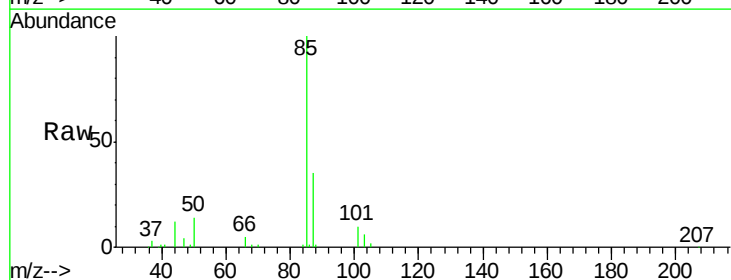
Acq: 8 Oct 2020 00:29

Tgt Ion: 85 Resp: 47906

Ion Ratio Lower Upper

85 100

87 35.4 16.0 48.0





#3

Chloromethane

Concen: 17.025 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion: 50 Resp: 56377

Ion Ratio Lower Upper

50 100

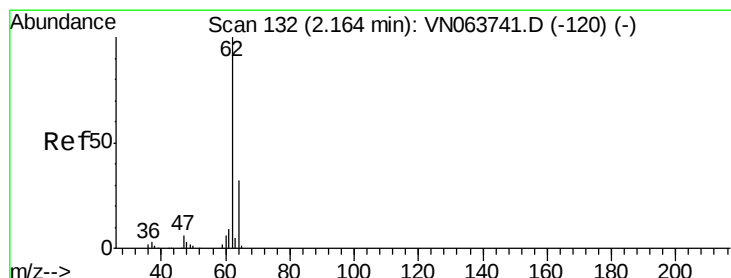
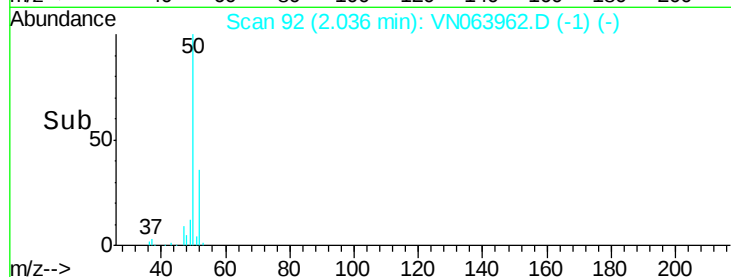
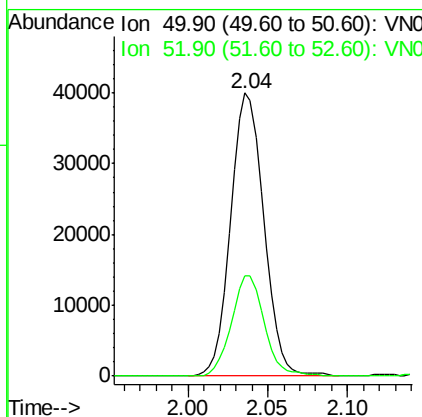
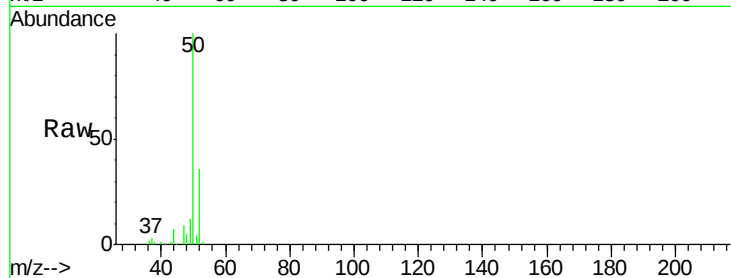
52 35.6 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:34 AM



#4

Vinyl Chloride

Concen: 16.891 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063962.D

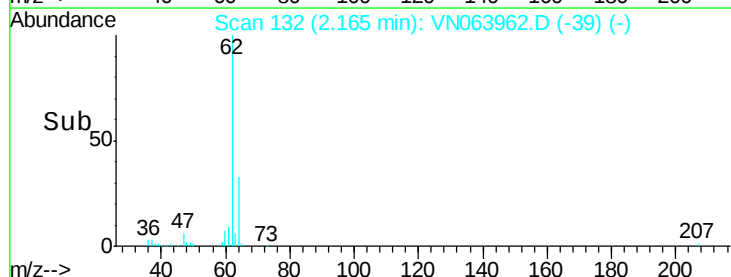
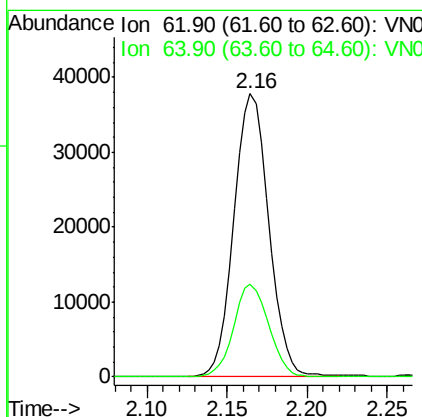
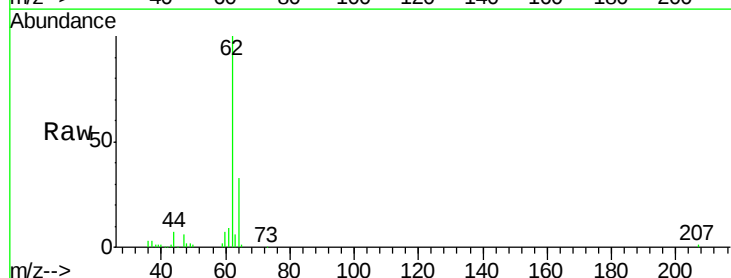
Acq: 8 Oct 2020 00:29

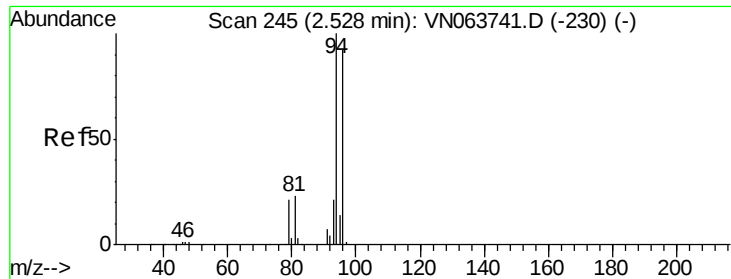
Tgt Ion: 62 Resp: 56147

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 16.220 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion: 94 Resp: 33913

Ion Ratio Lower Upper

94 100

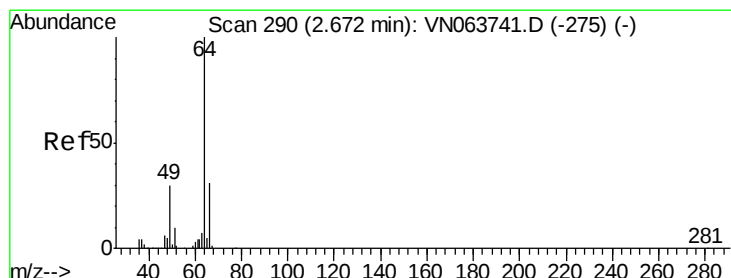
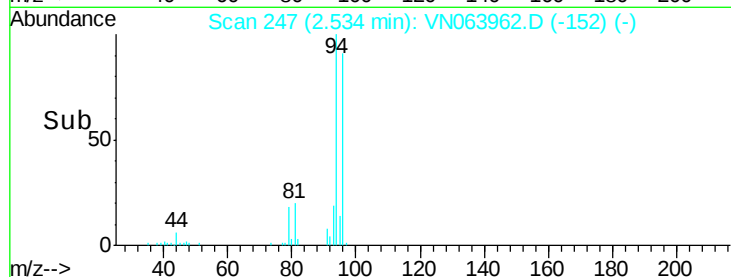
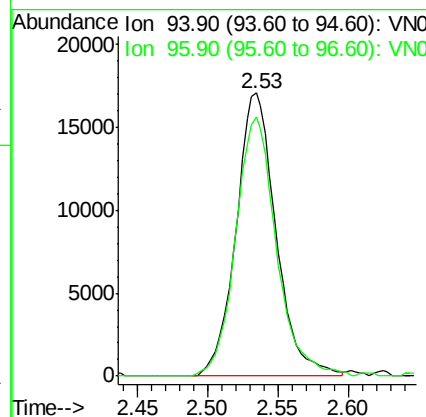
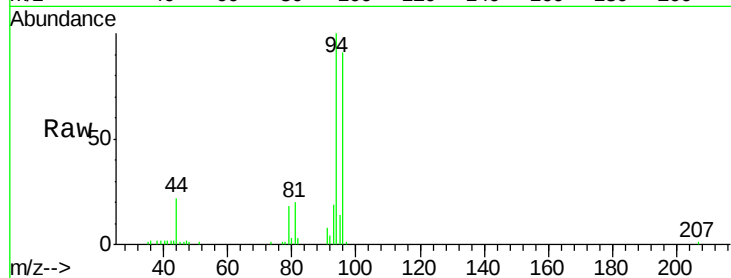
96 91.4 73.3 109.9

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:34 AM



#6

Chloroethane

Concen: 19.003 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063962.D

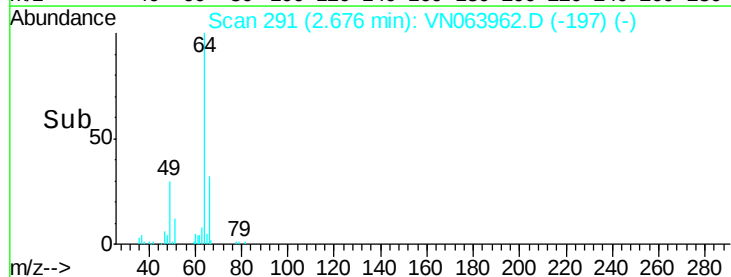
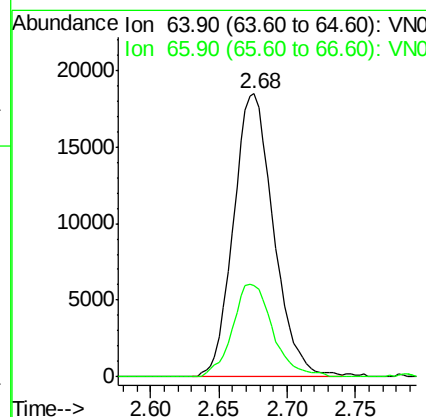
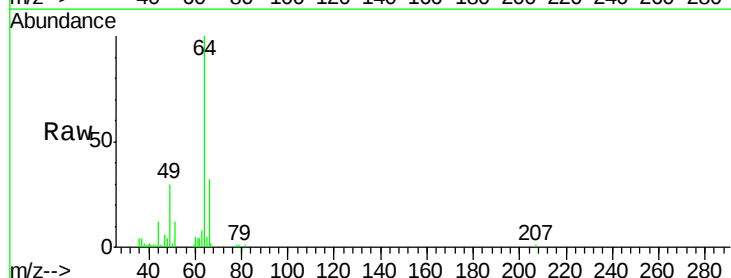
Acq: 8 Oct 2020 00:29

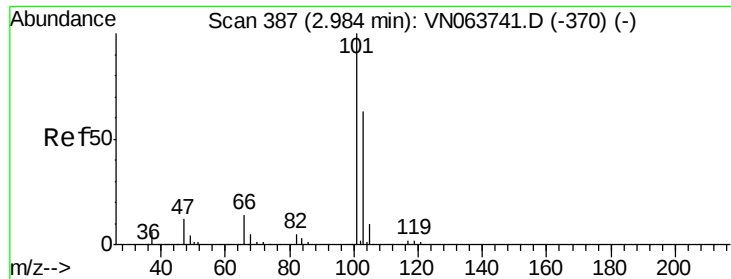
Tgt Ion: 64 Resp: 37746

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7





#7

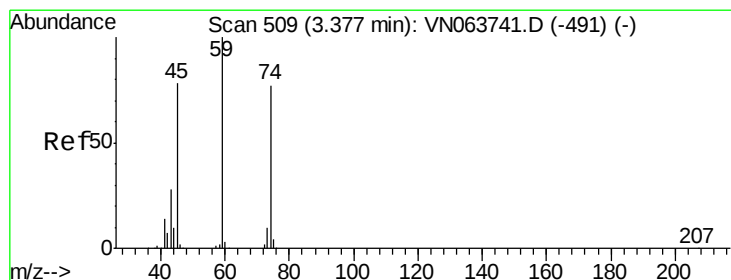
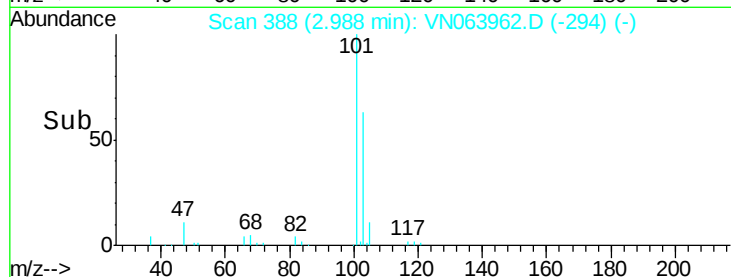
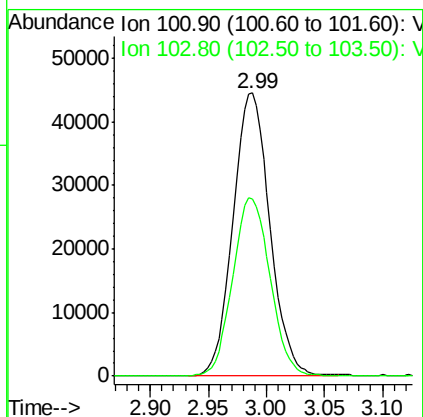
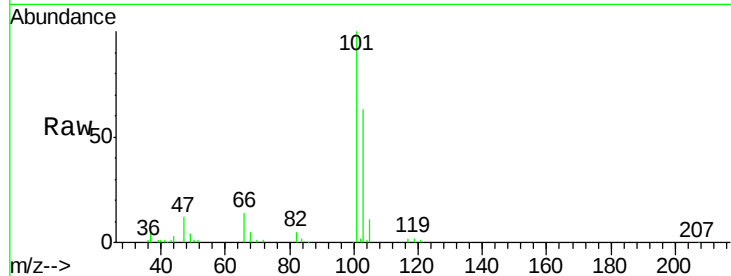
Trichlorofluoromethane
 Concen: 18.640 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.7	76.1

Manual Integrations
 APPROVED

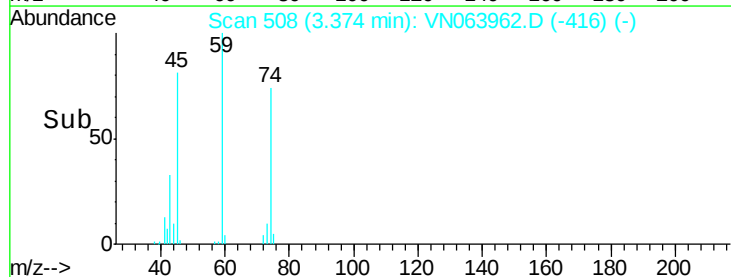
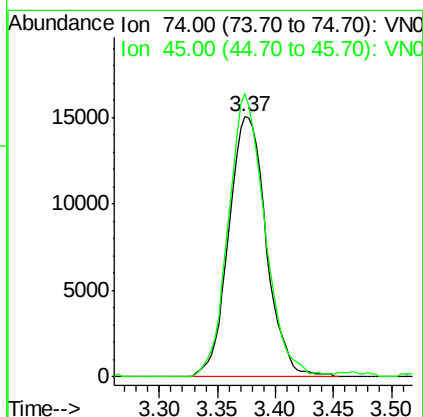
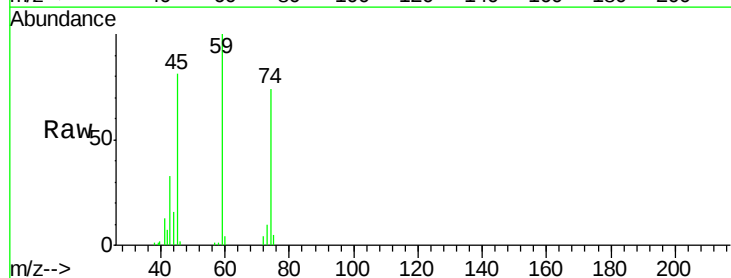
MMDadoda
 10/8/2020 10:09:34 AM

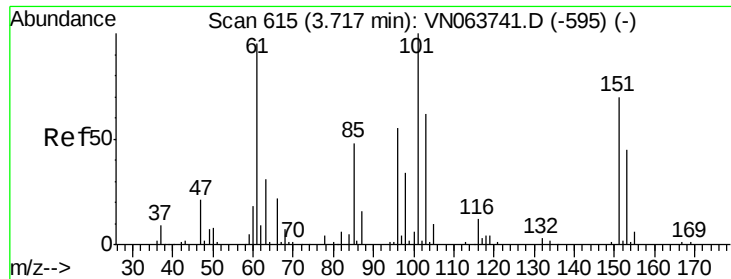


#8

Diethyl Ether
 Concen: 18.944 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.389 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

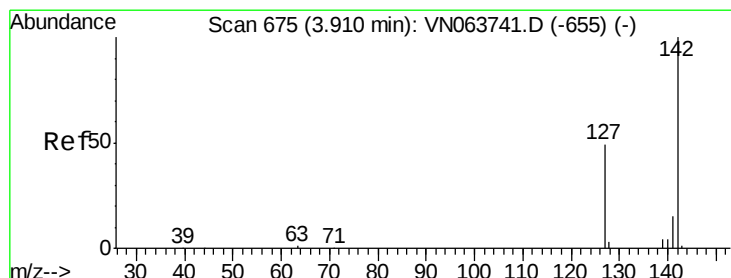
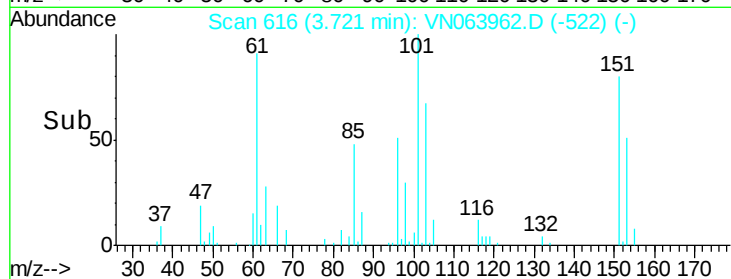
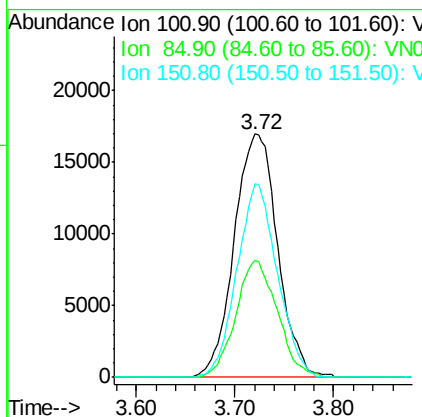
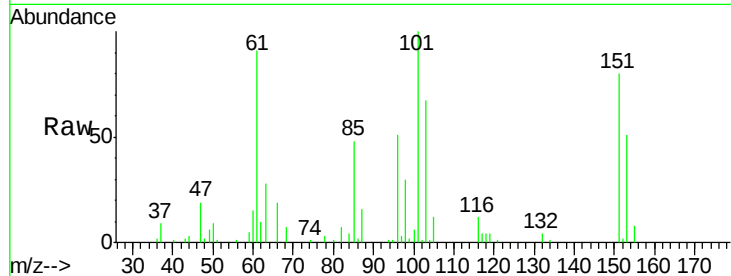
ClientSampleId :

VN1007WBS02

Tot Ion:	101	Resp:	51815
Ion Ratio	Lower	Upper	
101	100		
85	45.8	38.6	58.0
151	74.0	58.7	88.1

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#10

Methyl Iodide

Concen: 15.838 ug/l

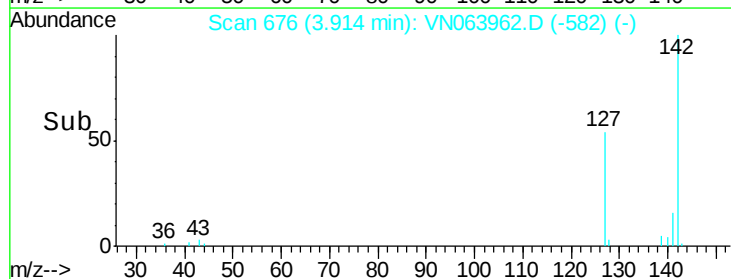
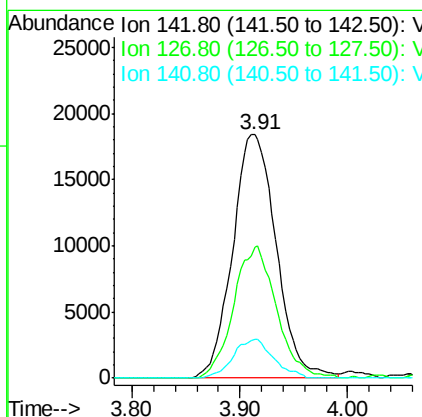
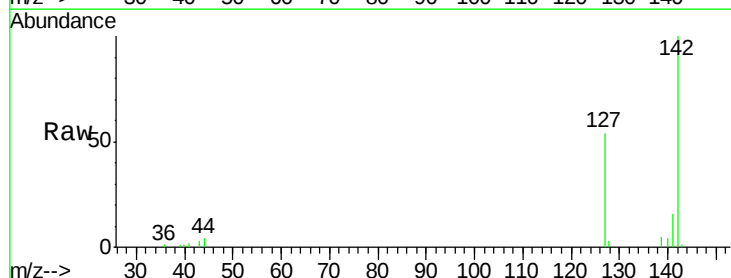
RT: 3.91 min Scan# 676

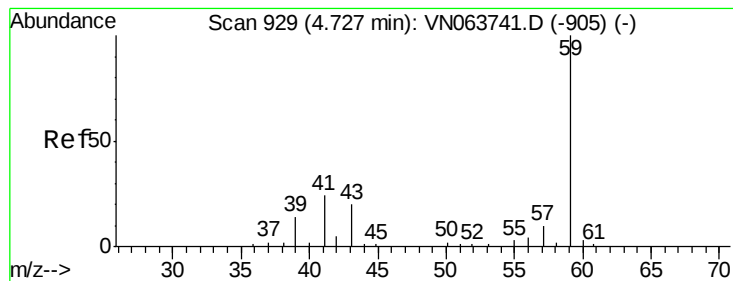
Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Tgt Ion:	142	Resp:	51819
Ion Ratio	Lower	Upper	
142	100		
127	53.1	40.5	60.7
141	14.7	11.7	17.5





#11

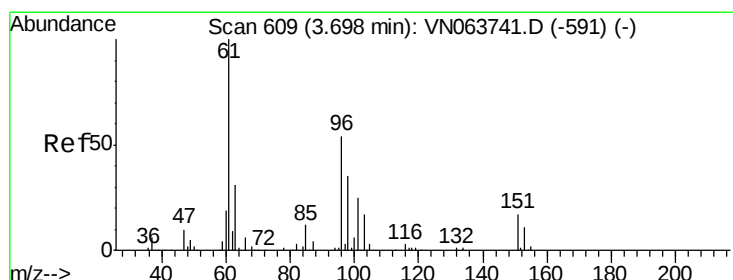
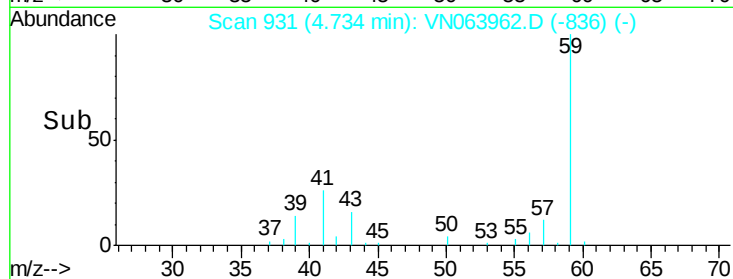
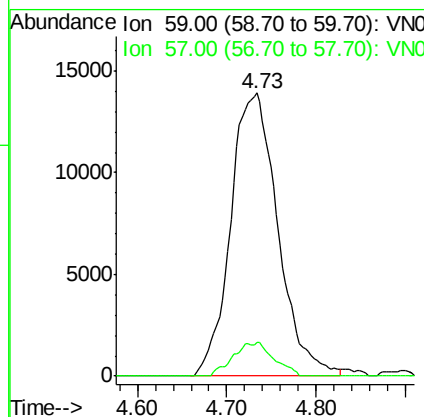
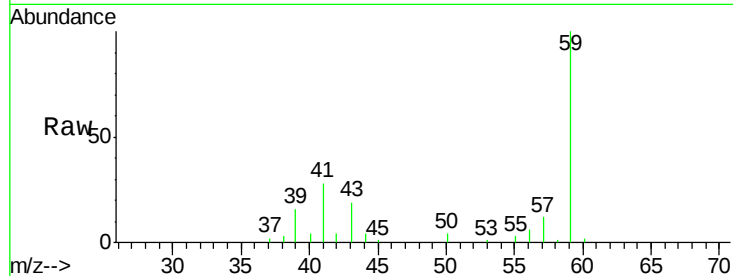
Tert butyl alcohol
Concen: 104.995 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.8	8.7	13.1#

Manual Integrations
APPROVED

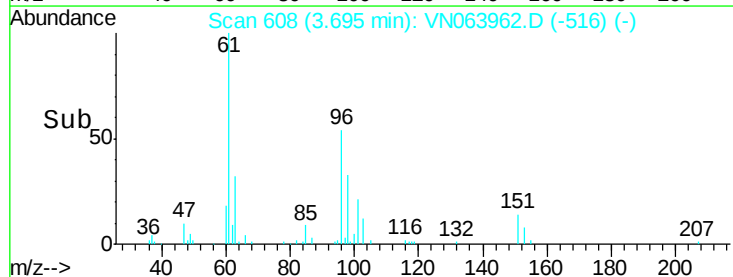
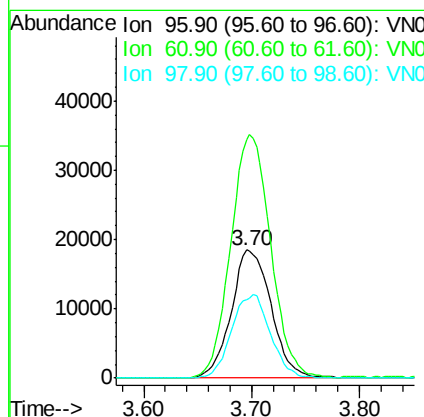
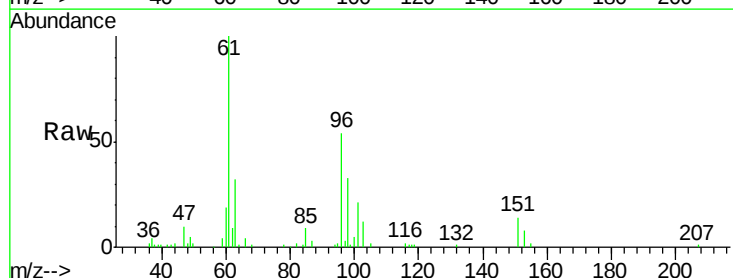
MMDadoda
10/8/2020 10:09:34 AM

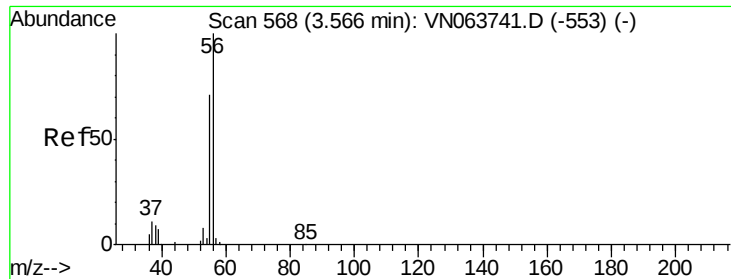


#12

1,1-Dichloroethene
Concen: 17.743 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.3	147.7	221.5
98	61.0	51.9	77.9





#13

Acrolein

Concen: 95.157 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion: 56 Resp: 28491

Ion Ratio Lower Upper

56 100

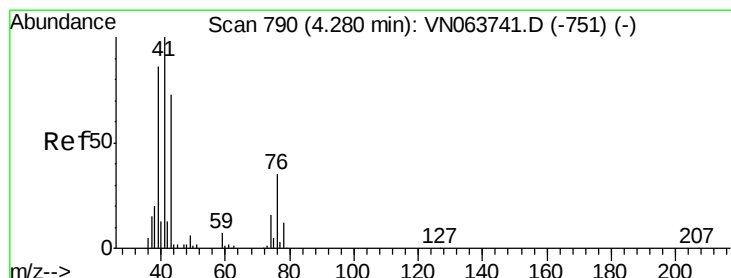
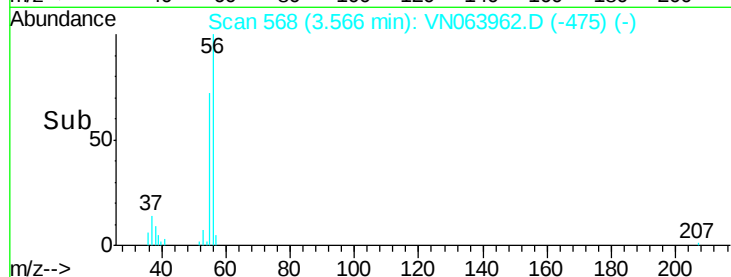
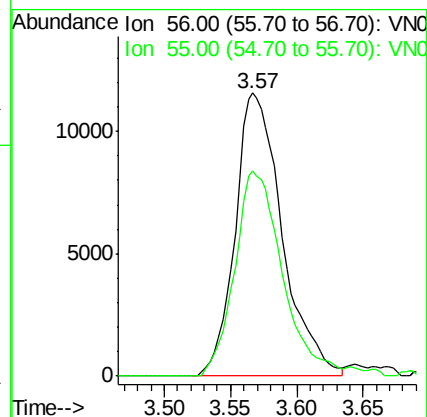
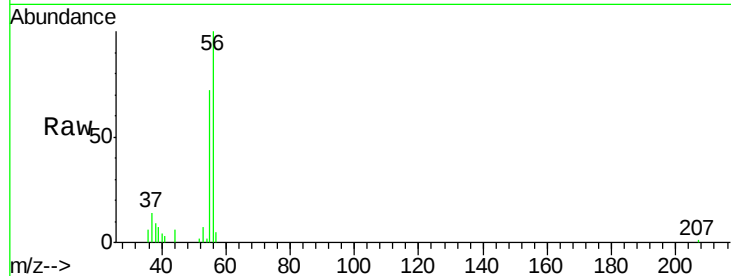
55 73.4 56.9 85.3

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:34 AM



#14

Allyl chloride

Concen: 19.302 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

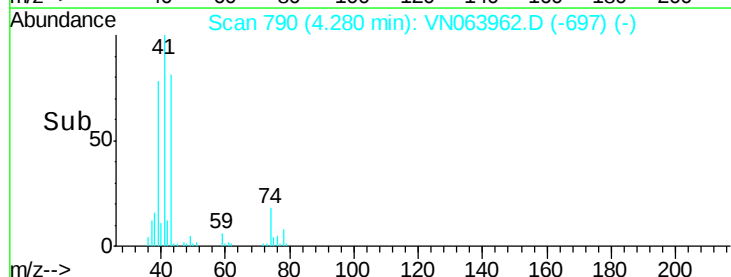
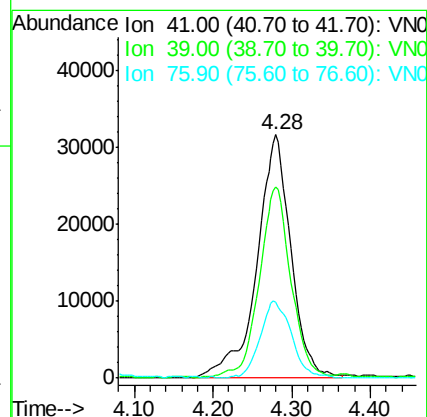
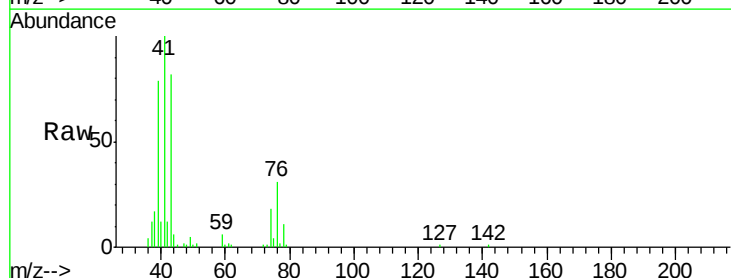
Tgt Ion: 41 Resp: 96580

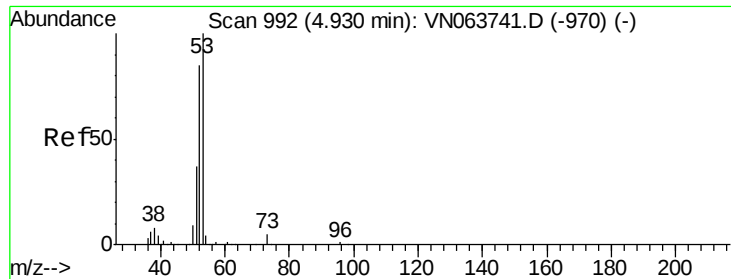
Ion Ratio Lower Upper

41 100

39 73.9 64.5 96.7

76 29.4 25.9 38.9





#15

Acrylonitrile

Concen: 101.559 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

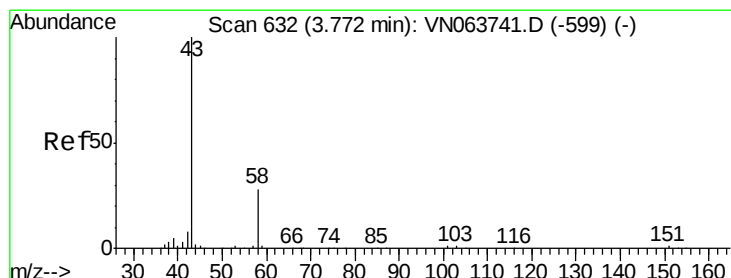
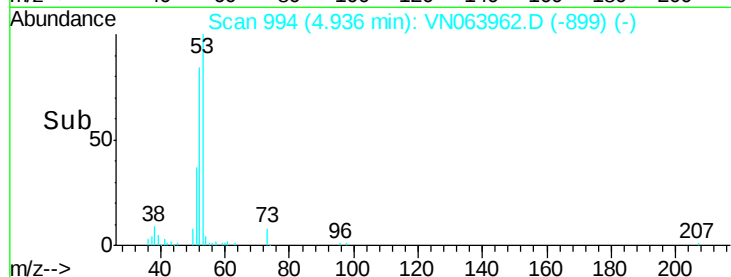
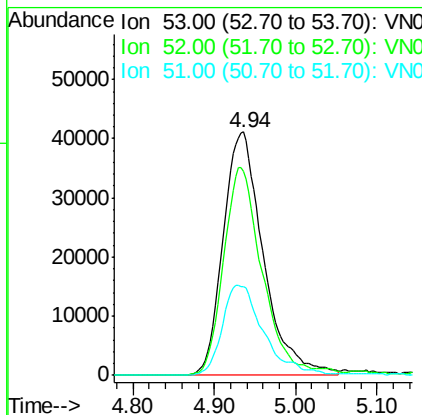
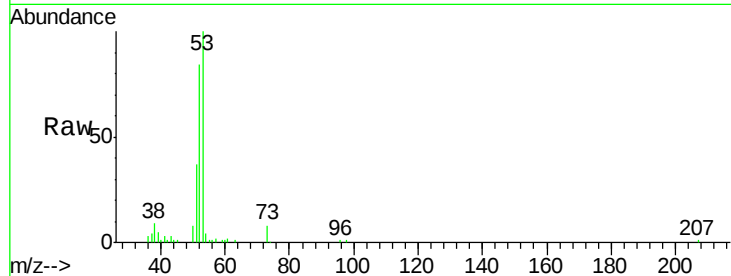
ClientSampleId :

VN1007WBS02

Tot Ion:	53	Resp:	141819
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.5	99.7
51	37.2	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#16

Acetone

Concen: 97.488 ug/l

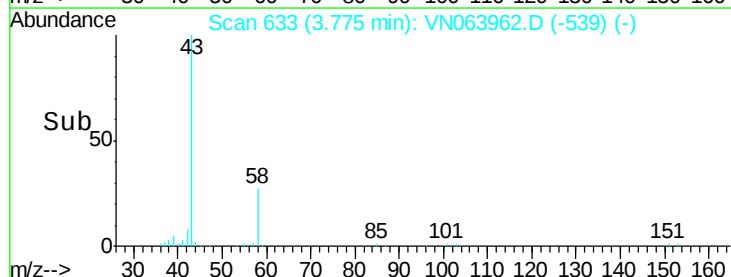
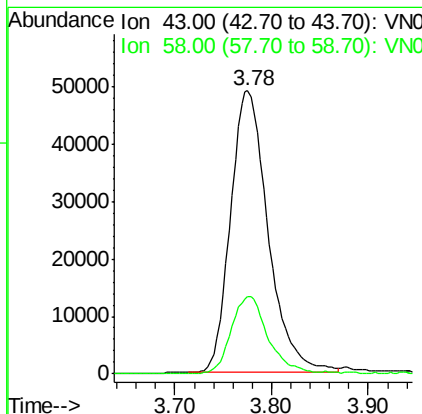
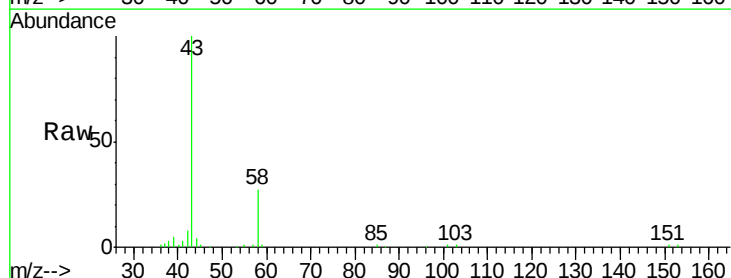
RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Tgt Ion:	43	Resp:	132606
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.3	33.5





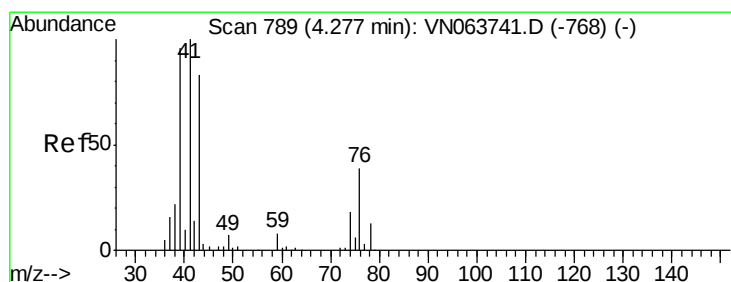
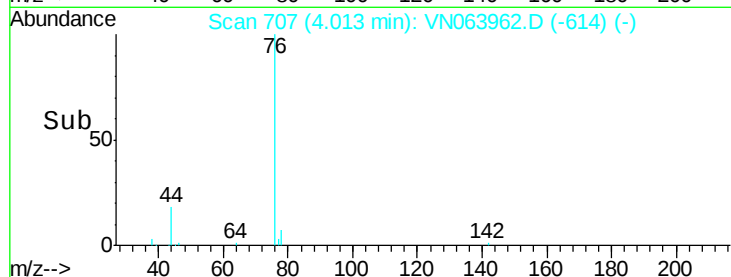
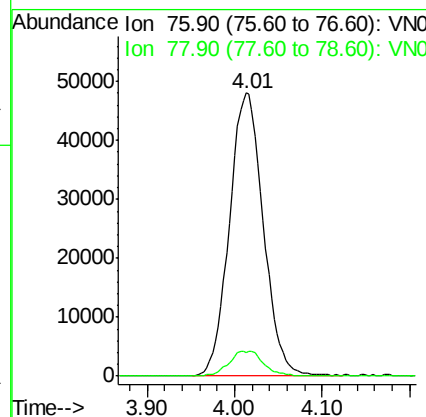
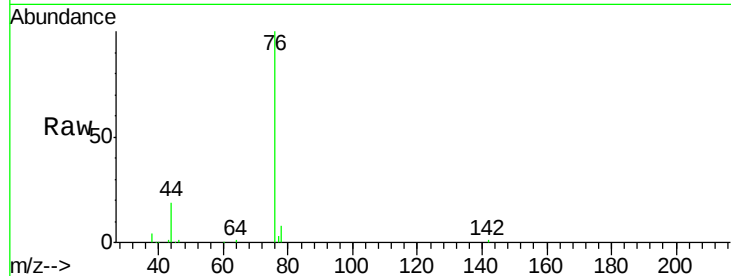
#17
Carbon Disulfide
Concen: 18.203 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.4

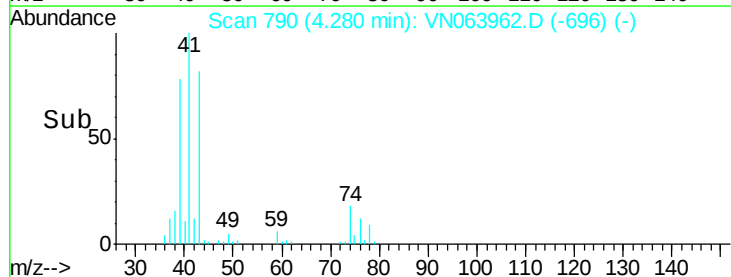
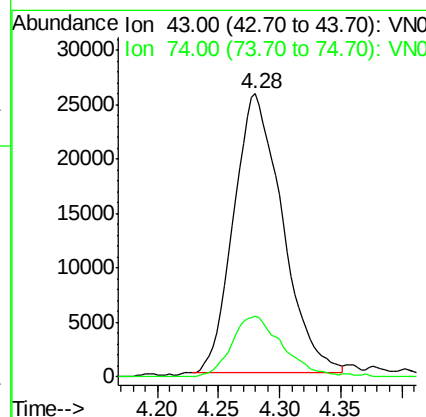
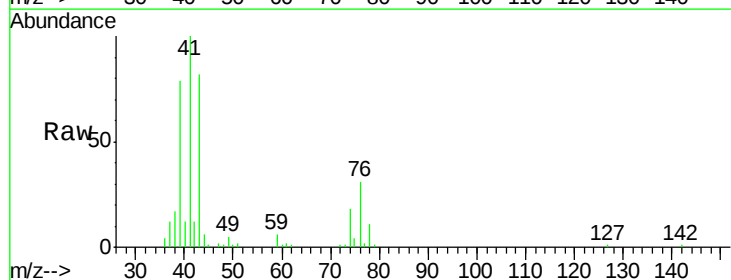
Manual Integrations
APPROVED

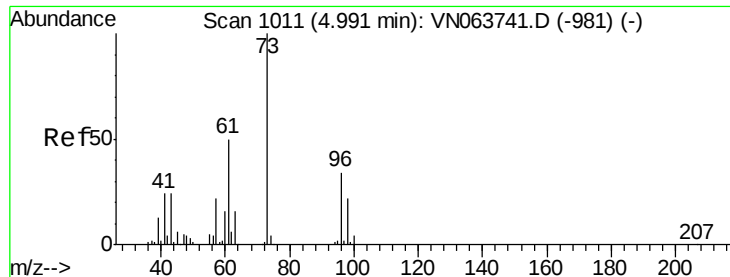
MMDadoda
10/8/2020 10:09:34 AM



#18
Methyl Acetate
Concen: 20.206 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.4	26.2





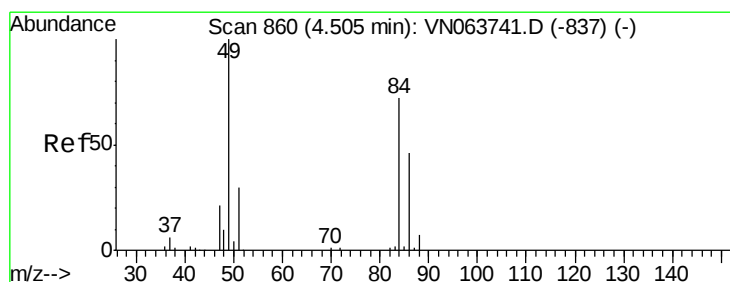
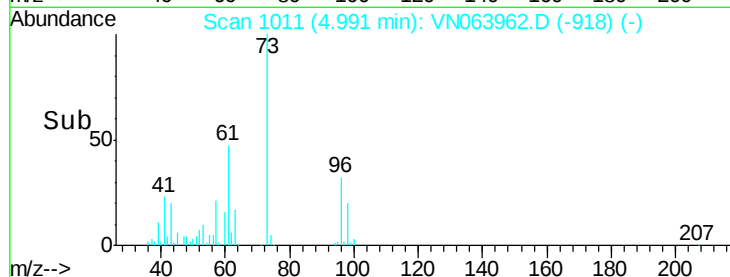
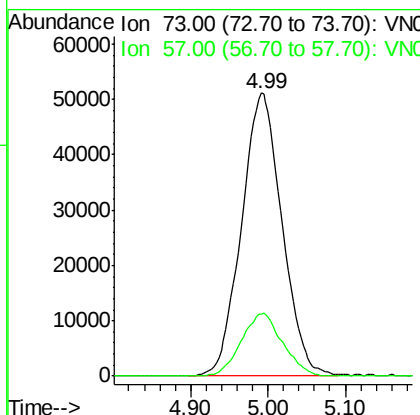
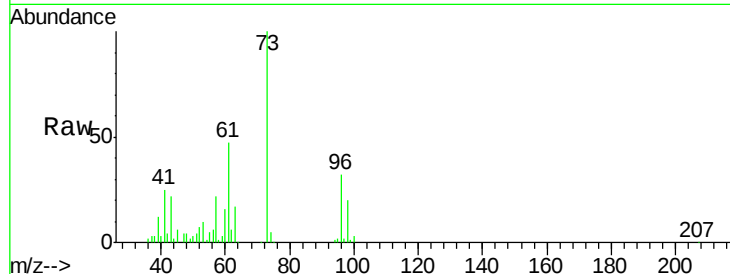
#19
Methyl tert-butyl Ether
Concen: 19.080 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

Tot Ion	73	Resp	186701
Ion Ratio	Lower	Upper	
73	100		
57	22.1	17.6	26.4

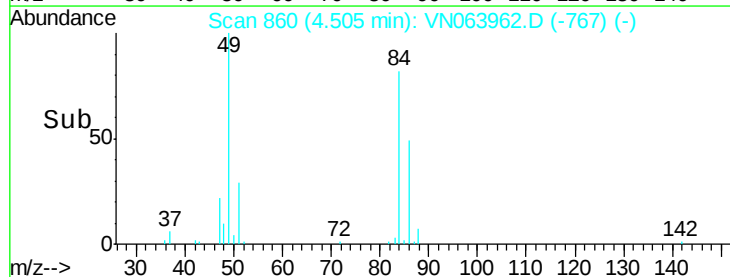
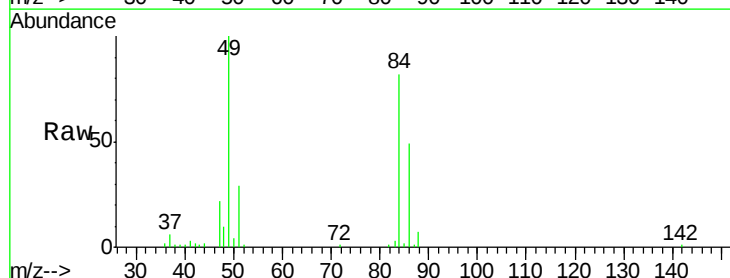
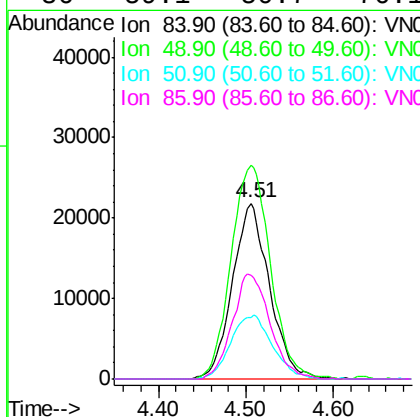
Manual Integrations
APPROVED

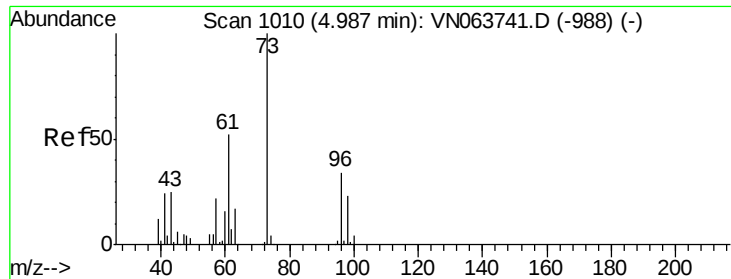
MMDadoda
10/8/2020 10:09:34 AM



#20
Methylene Chloride
Concen: 20.627 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	84	Resp	64087
Ion Ratio	Lower	Upper	
84	100		
49	121.4	110.4	165.6
51	35.3	33.3	49.9
86	59.1	50.7	76.1





#21

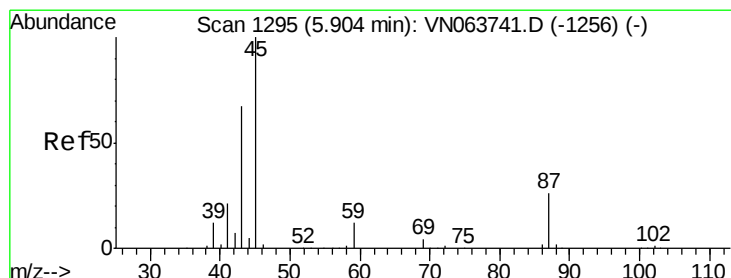
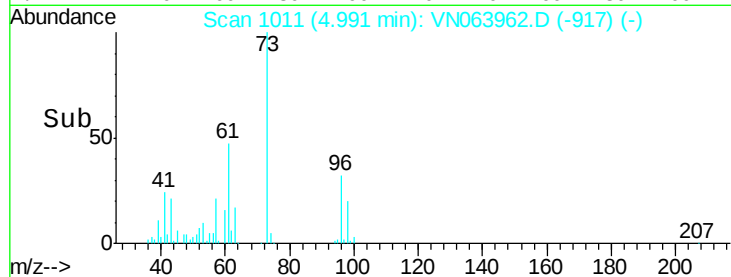
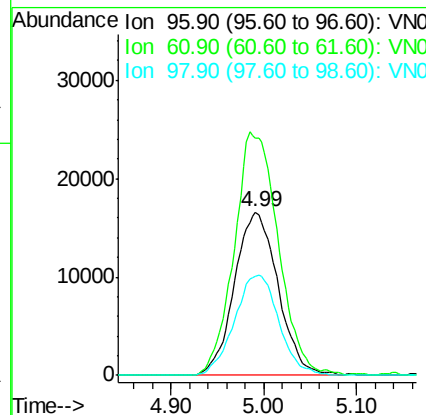
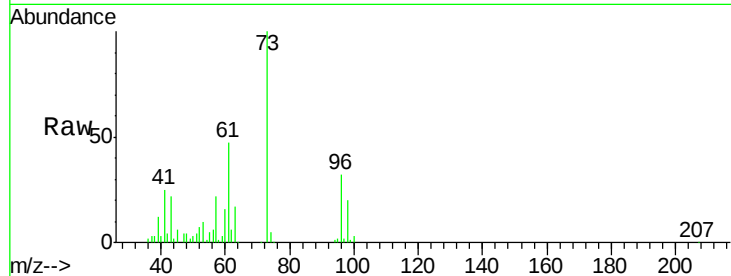
trans-1,2-Dichloroethene
Concen: 17.960 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	120.2	180.2
98	60.6	52.6	79.0

Manual Integrations
APPROVED

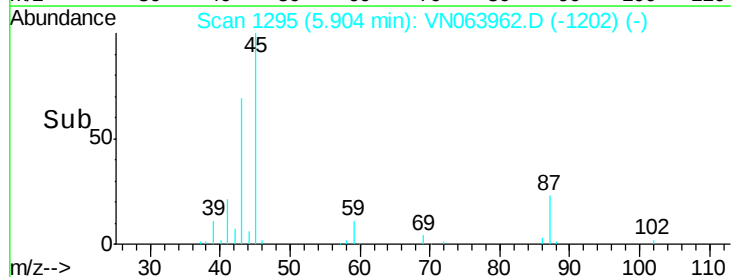
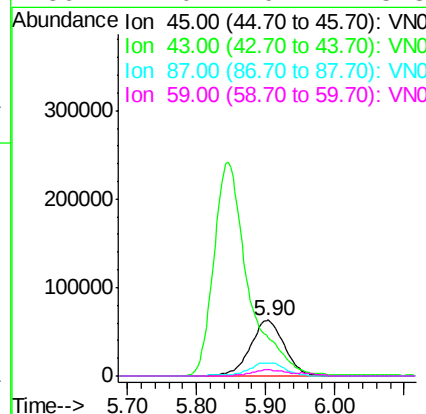
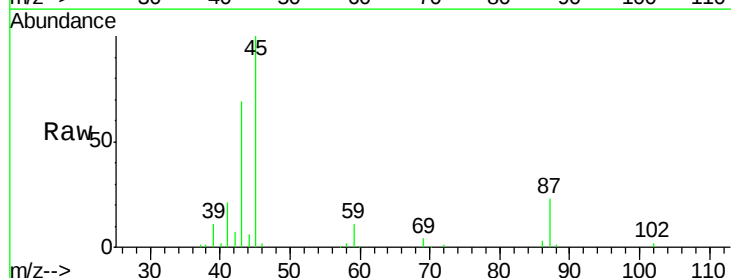
MMDadoda
10/8/2020 10:09:34 AM

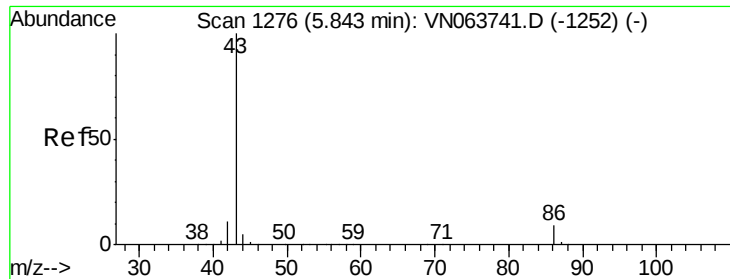


#22

Diisopropyl ether
Concen: 20.867 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.2	53.7	80.5
87	23.1	21.1	31.7
59	11.0	9.2	13.8





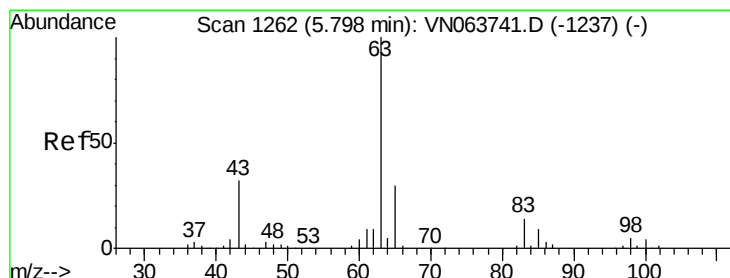
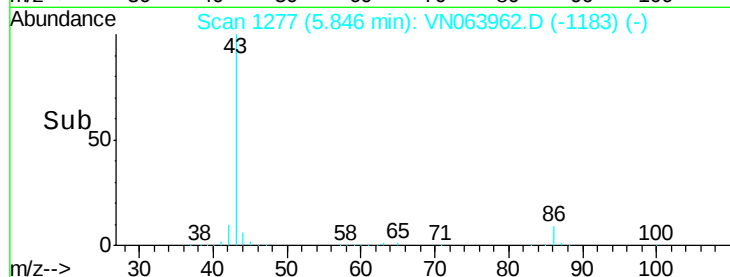
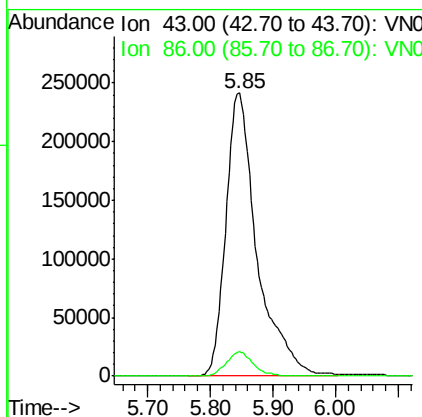
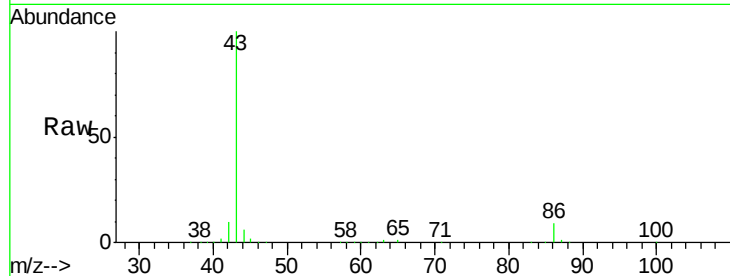
#23
 Vinyl Acetate
 Concen: 97.988 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Tot Ion	43	86	Resp	Lower	Upper
835619	100	8.6		7.3	10.9

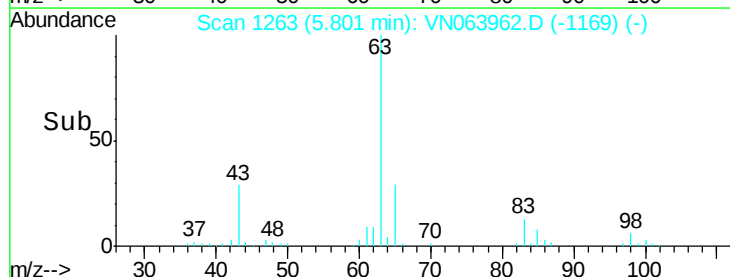
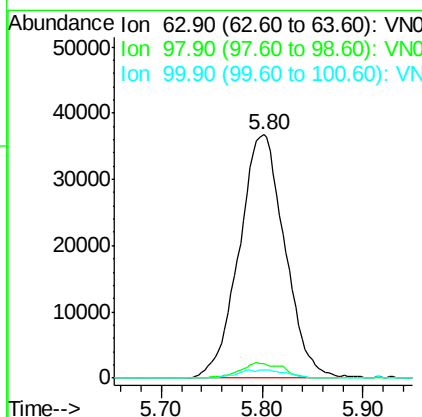
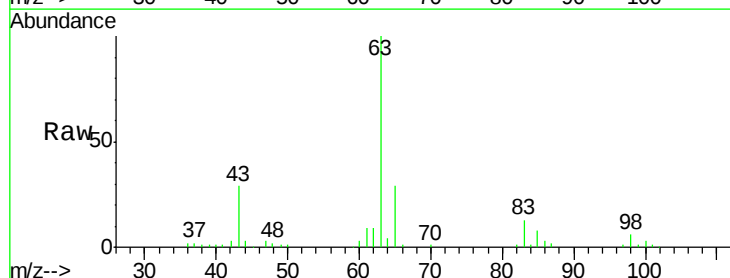
Manual Integrations
 APPROVED

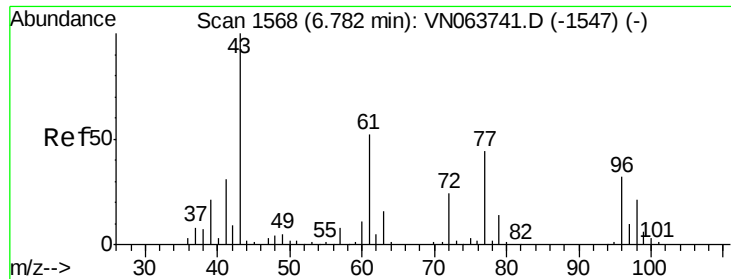
MMDadoda
 10/8/2020 10:09:34 AM



#24
 1,1-Dichloroethane
 Concen: 19.543 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	63	98	100	Resp	Lower	Upper
115036	100	5.9	3.3		2.7	8.1
					1.9	5.7





#25

2-Butanone

Concen: 104.263 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion: 43 Resp: 201069

Ion Ratio Lower Upper

43 100

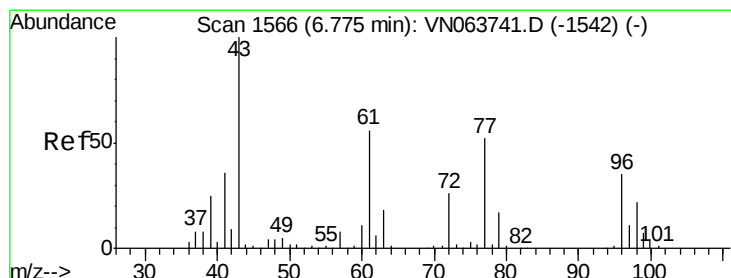
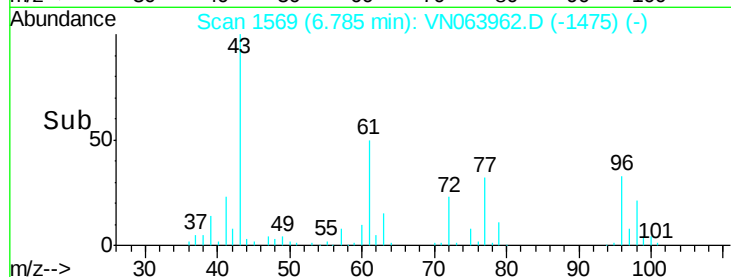
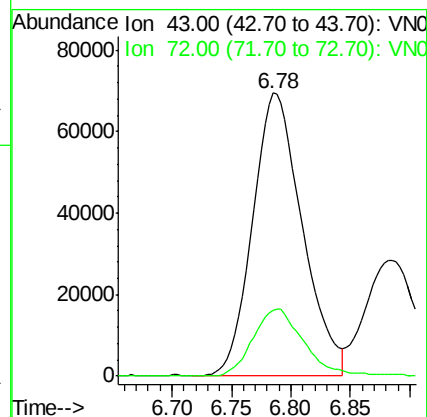
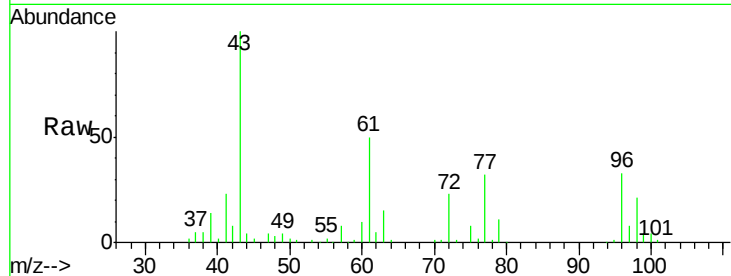
72 23.2 19.3 28.9

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:34 AM



#26

2,2-Dichloropropane

Concen: 14.271 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063962.D

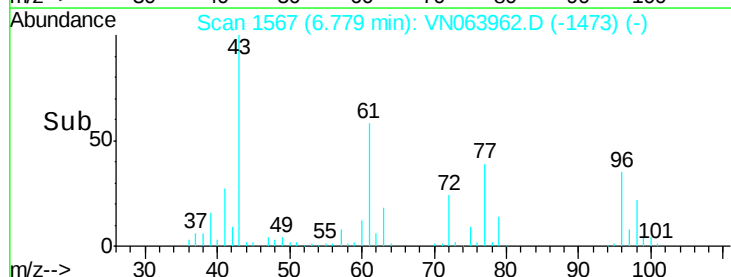
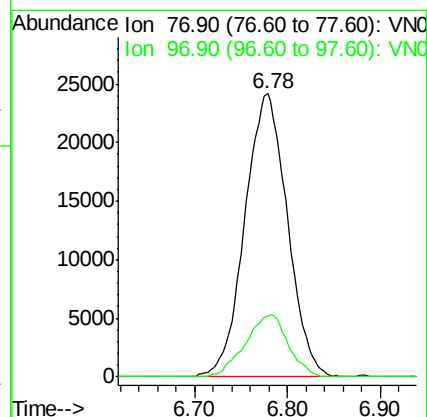
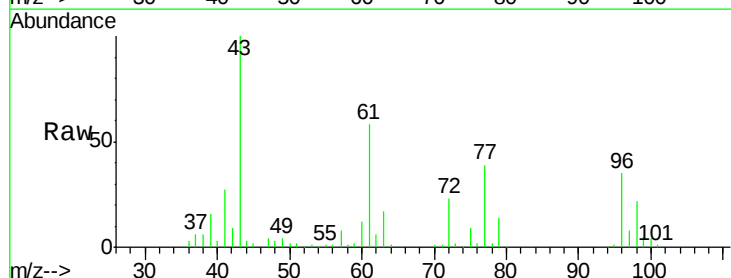
Acq: 8 Oct 2020 00:29

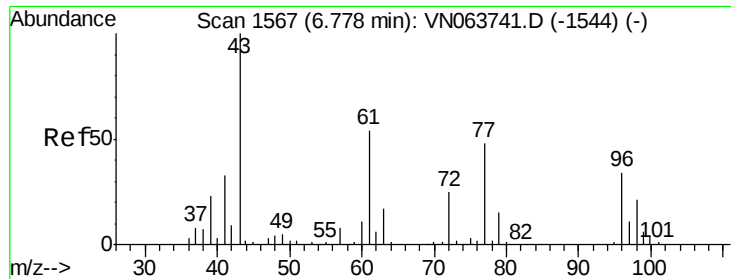
Tgt Ion: 77 Resp: 76927

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.3





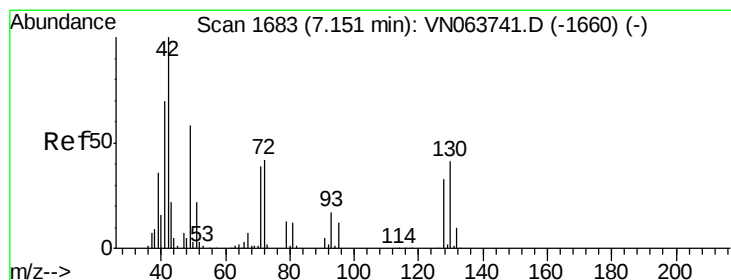
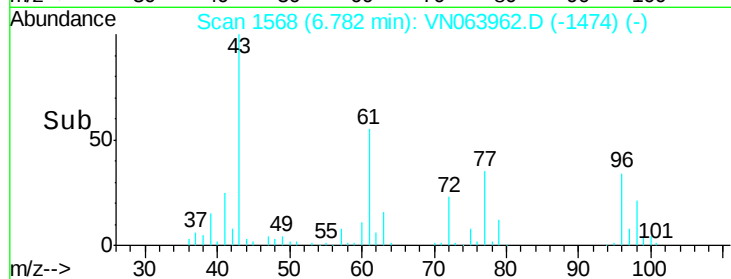
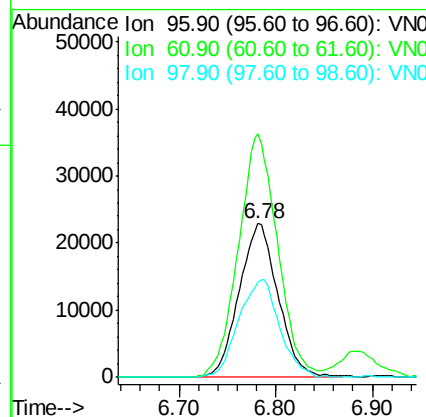
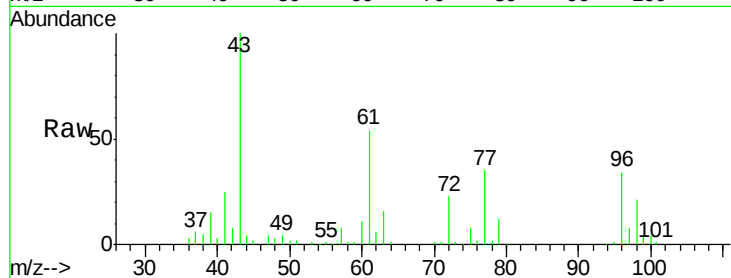
#27
 cis-1,2-Dichloroethene
 Concen: 18.472 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	321.2
98	66.4	0.0	124.4

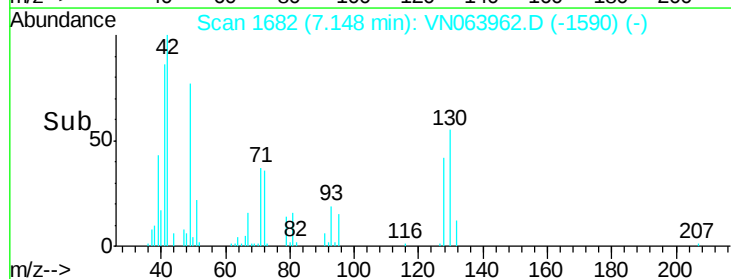
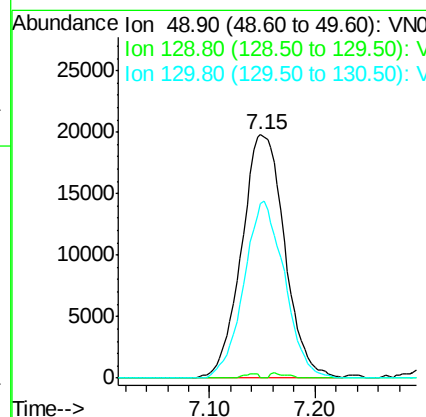
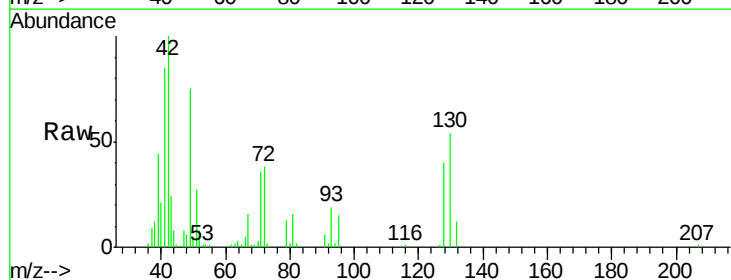
Manual Integrations
 APPROVED

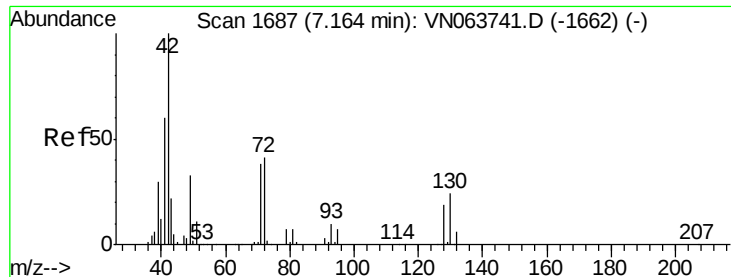
MMDadoda
 10/8/2020 10:09:34 AM



#28
 Bromochloromethane
 Concen: 19.344 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.8
130	68.5	55.6	83.4





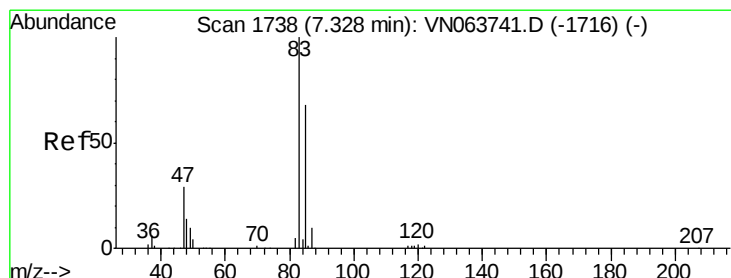
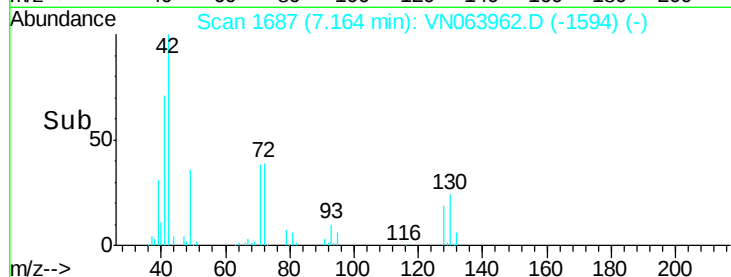
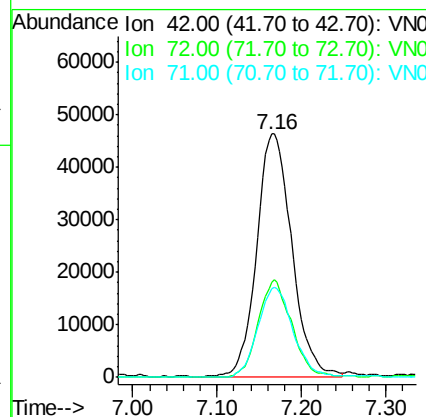
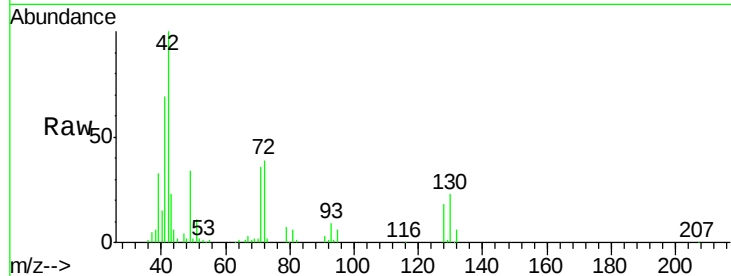
#29
Tetrahydrofuran
Concen: 104.039 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	32.8	49.2
71	36.8	30.6	45.8

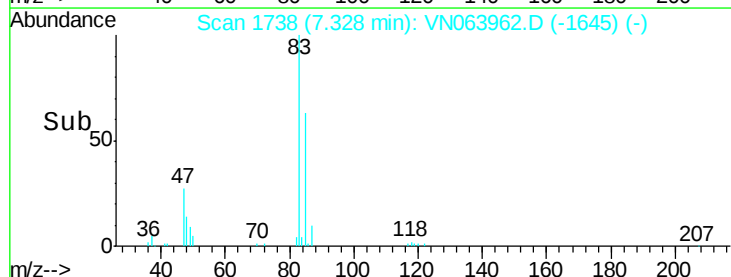
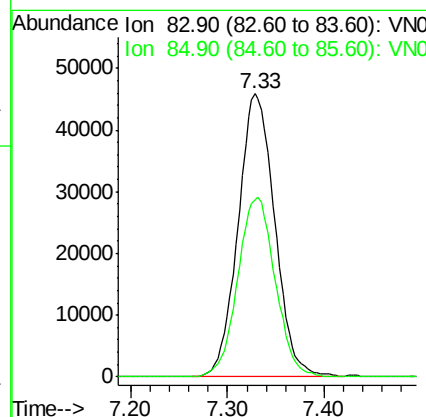
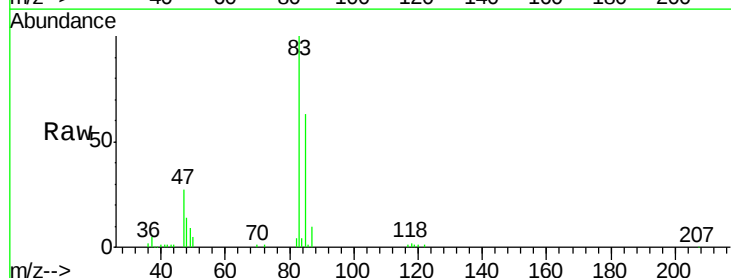
Manual Integrations
APPROVED

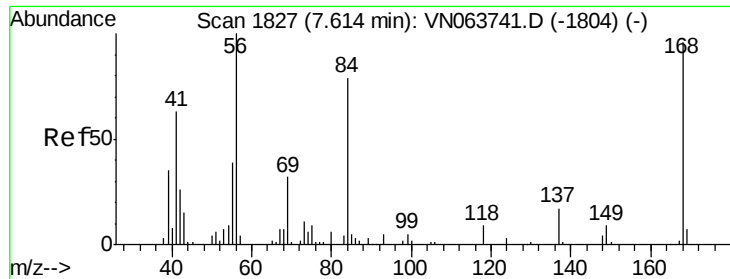
MMDadoda
10/8/2020 10:09:34 AM



#30
Chloroform
Concen: 19.720 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	54.6	82.0





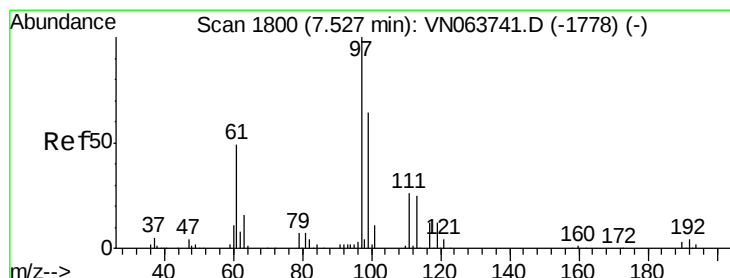
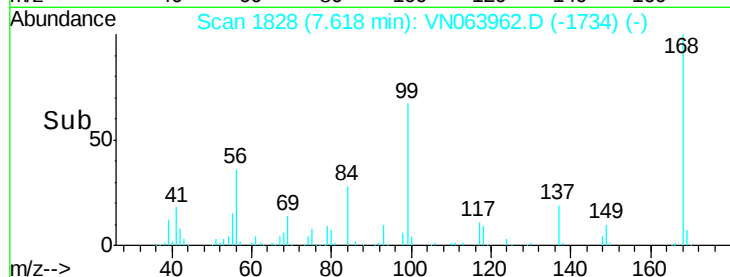
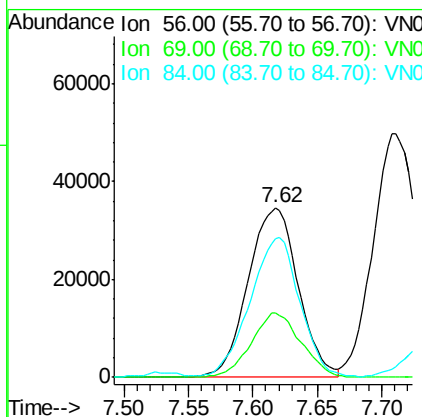
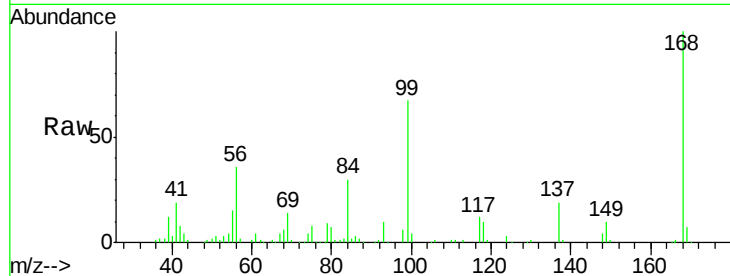
#31
Cyclohexane
Concen: 18.288 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.9	25.4	38.2
84	80.8	63.3	94.9

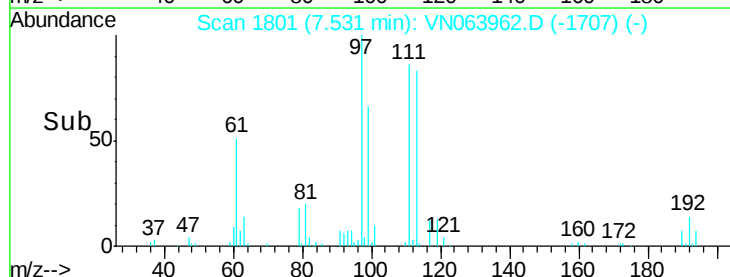
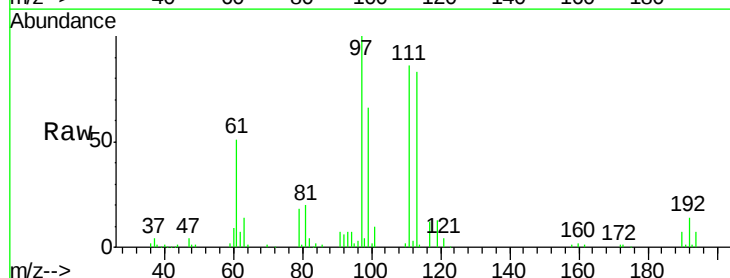
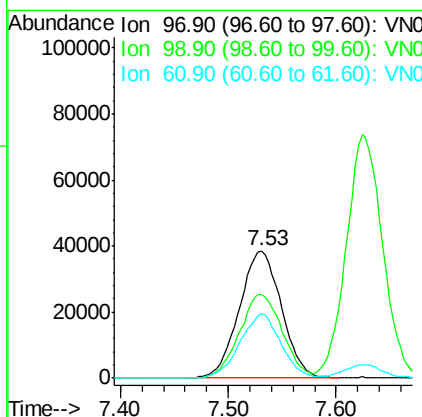
Manual Integrations
APPROVED

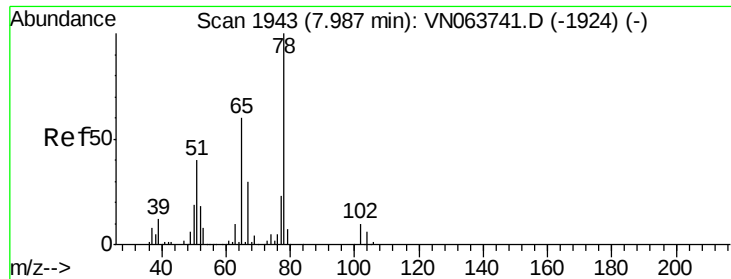
MMDadoda
10/8/2020 10:09:34 AM



#32
1,1,1-Trichloroethane
Concen: 18.886 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.0	51.0	76.6
61	48.9	38.7	58.1





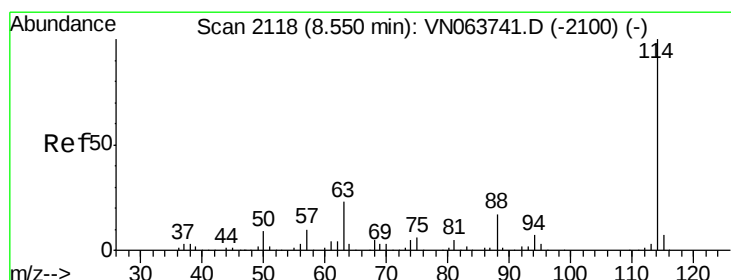
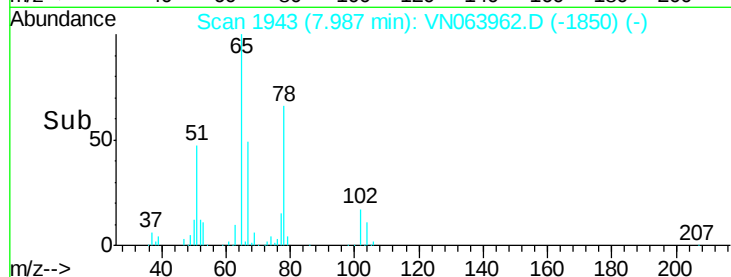
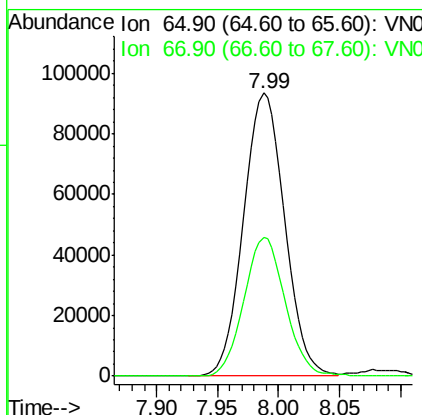
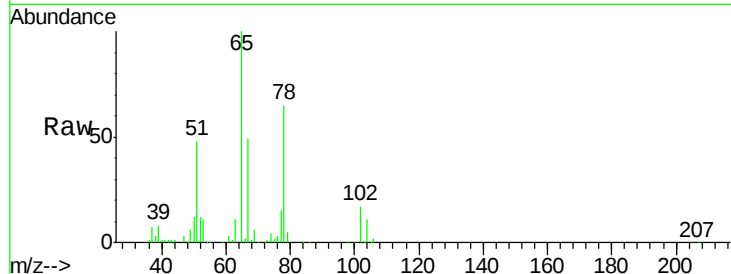
#33
 1,2-Dichloroethane-d4
 Concen: 49.425 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218398		
67	49.1	0.0	99.6	

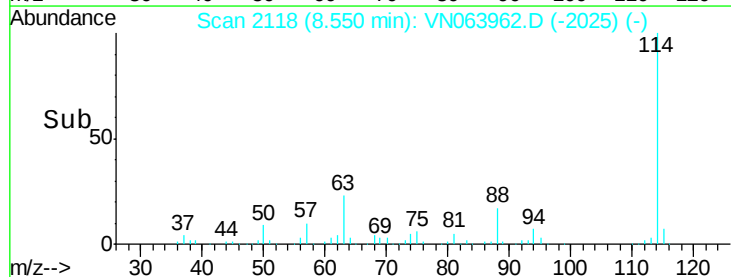
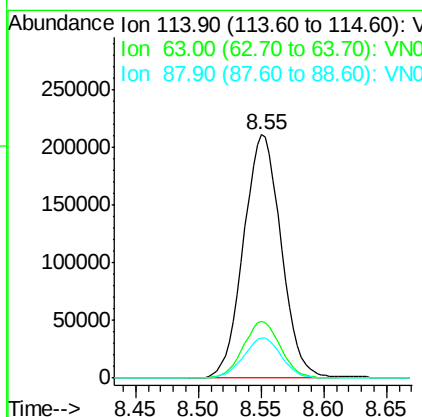
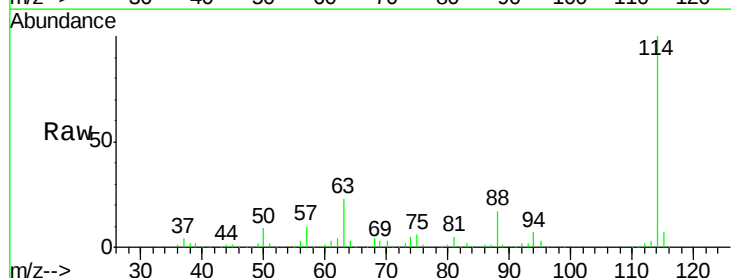
Manual Integrations
 APPROVED

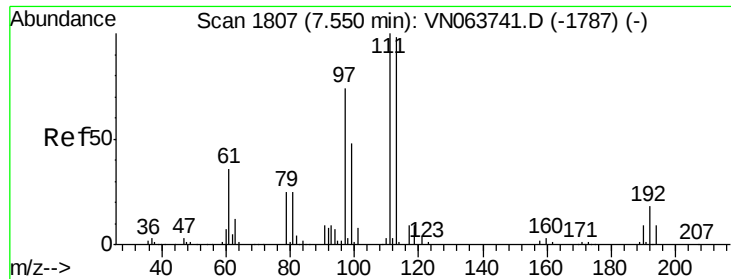
MMDadoda
 10/8/2020 10:09:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	441222		
63	23.1	0.0	45.0	
88	16.7	0.0	34.0	





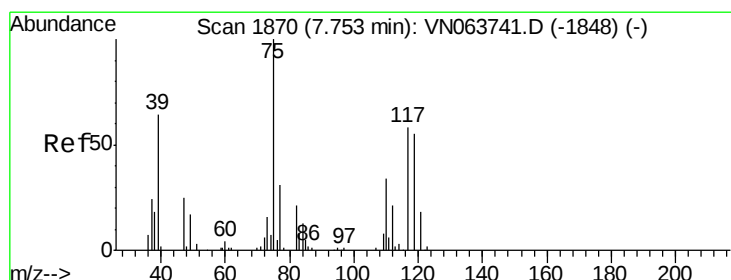
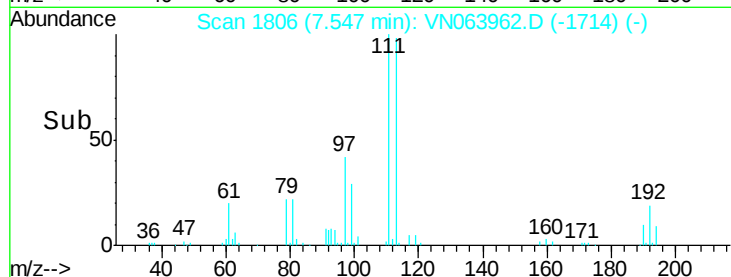
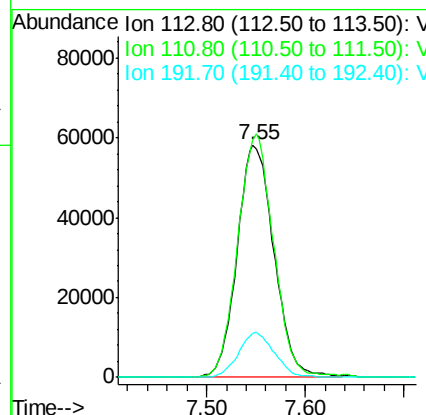
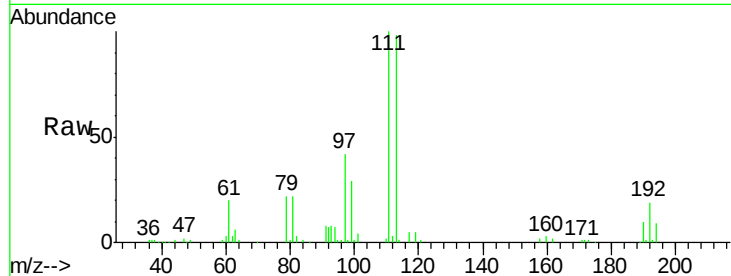
#35
Dibromofluoromethane
Concen: 49.263 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150821		
111	101.9	81.8	122.8	
192	18.8	14.2	21.2	

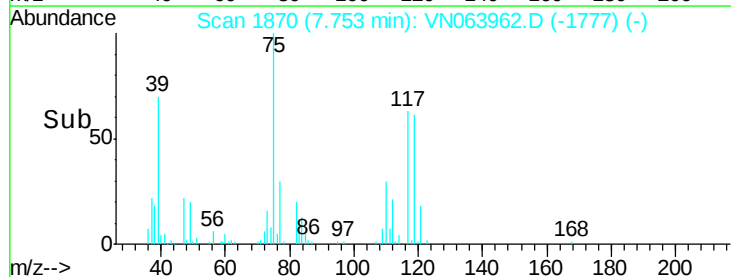
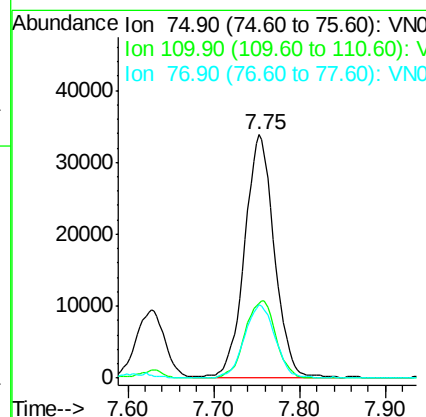
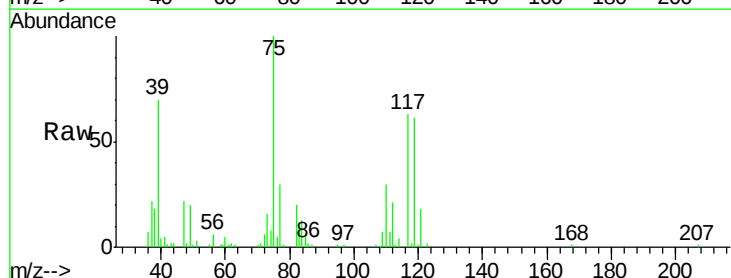
Manual Integrations
APPROVED

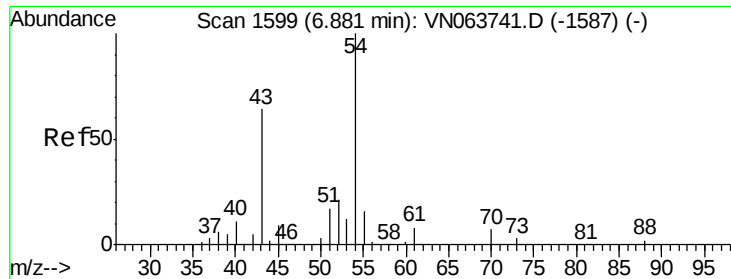
MMDadoda
10/8/2020 10:09:34 AM



#36
1,1-Dichloropropene
Concen: 18.261 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81625		
110	32.7	16.9	50.6	
77	30.9	24.5	36.7	





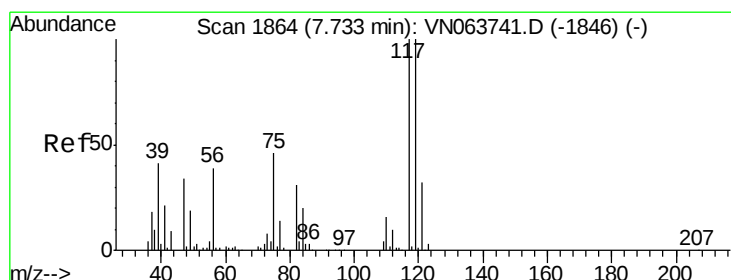
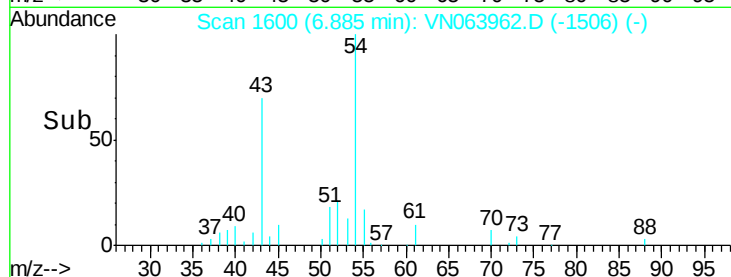
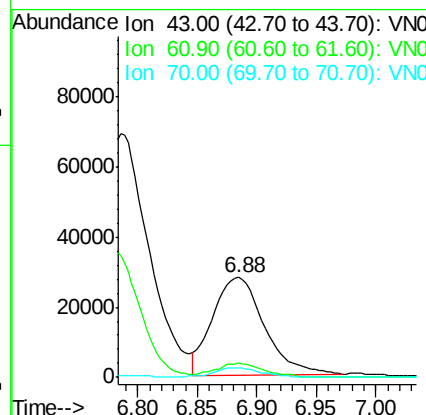
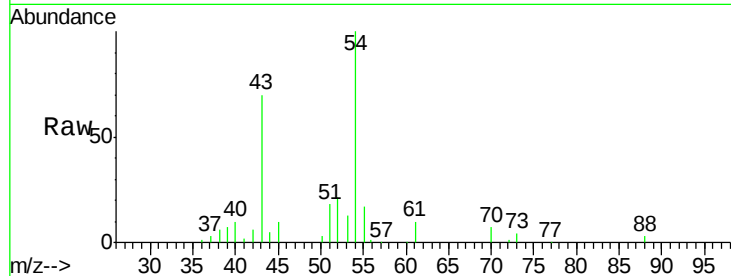
#37
Ethyl Acetate
Concen: 18.972 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

Tot Ion	43	61	70
Resp	84256	12.8	9.3
Lower		10.4	7.3
Upper		15.6	10.9

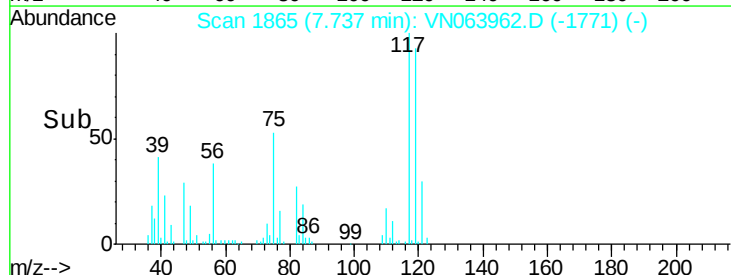
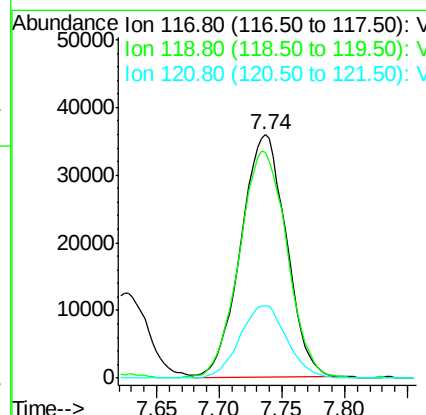
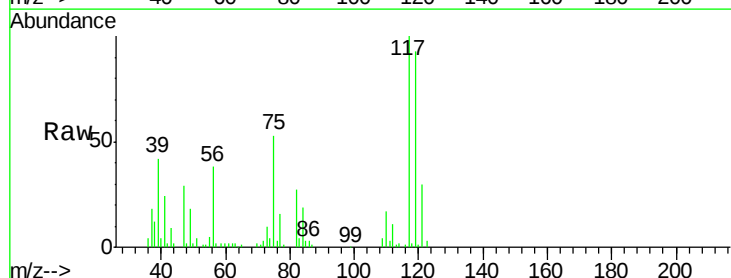
Manual Integrations
APPROVED

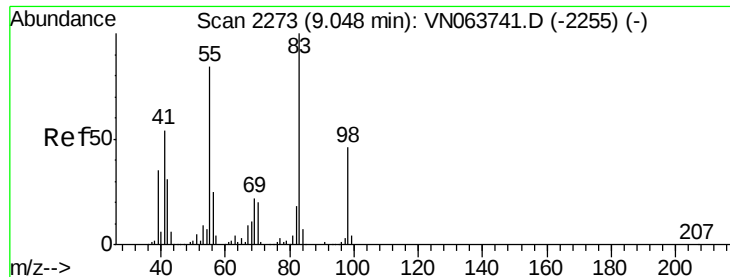
MMDadoda
10/8/2020 10:09:34 AM



#38
Carbon Tetrachloride
Concen: 18.024 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	117	119	121
Resp	90344	92.4	29.9
Lower		80.1	25.7
Upper		120.1	38.5





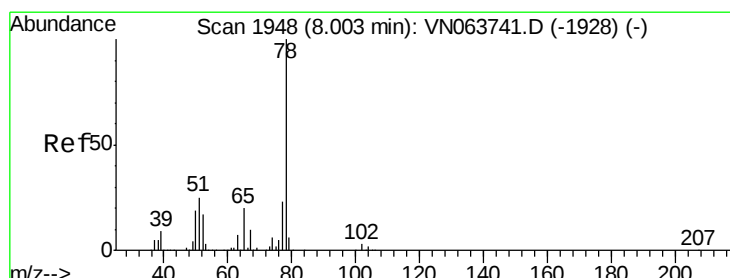
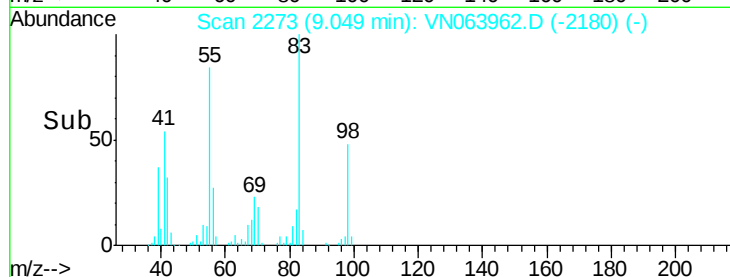
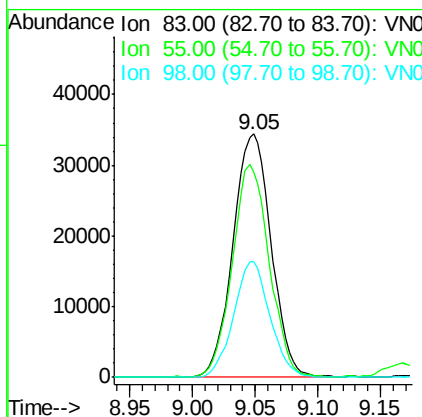
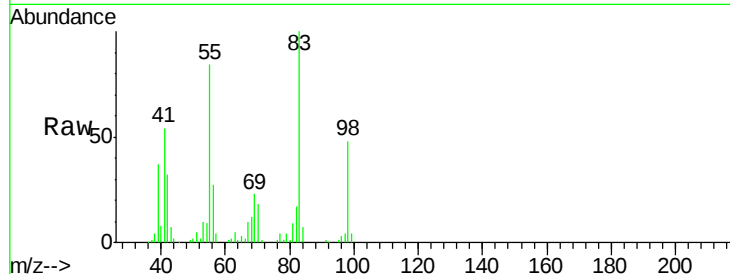
#39
Methvlcvclohexane
Concen: 16.385 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.2	67.1	100.7
98	47.6	36.6	54.8

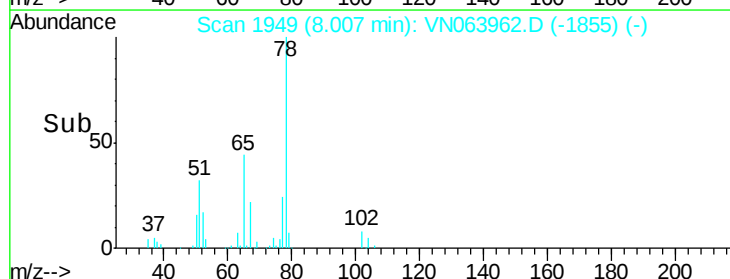
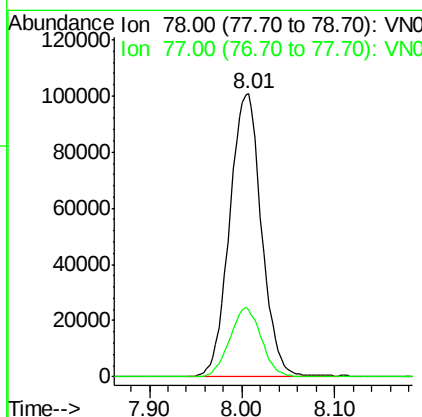
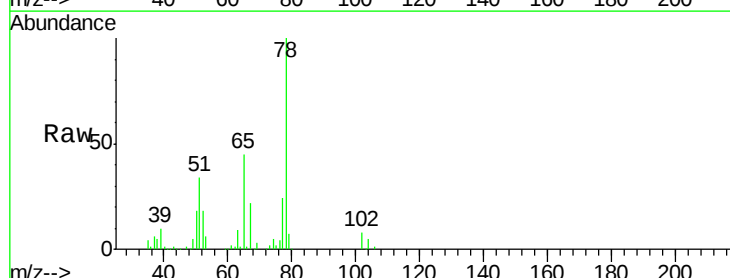
Manual Integrations
APPROVED

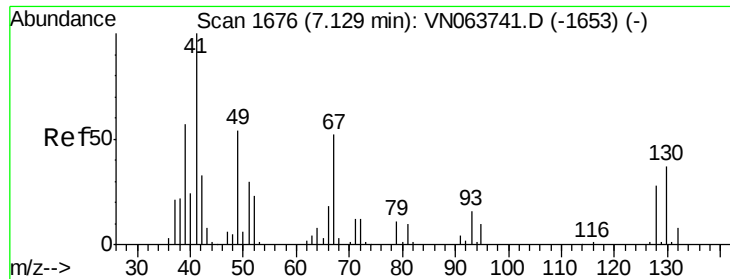
MMDadoda
10/8/2020 10:09:34 AM



#40
Benzene
Concen: 18.841 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





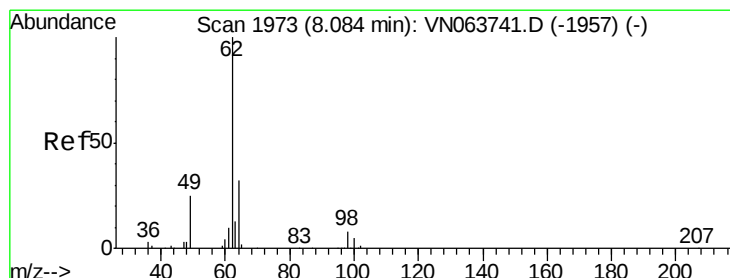
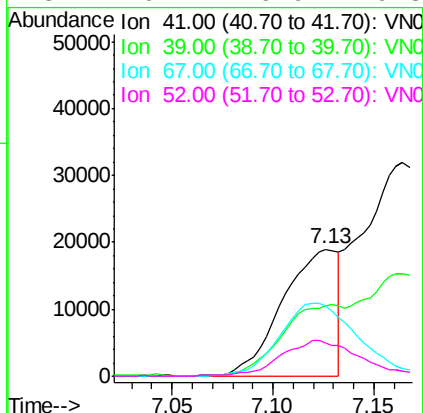
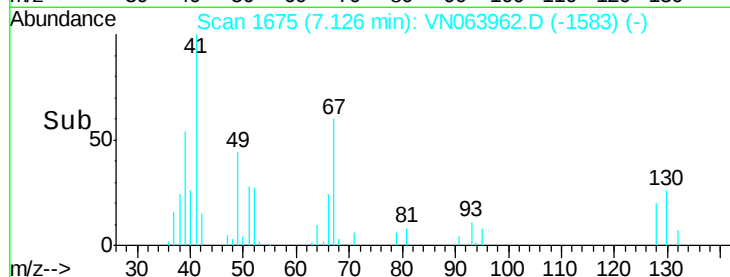
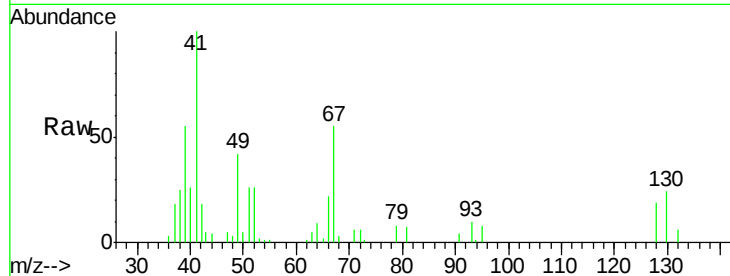
#41
Methacrylonitrile
Concen: 18.414 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	41	Resp	36345
Ion Ratio	Lower	Upper	
41	100		
39	63.0	42.5	63.7
67	80.6	57.4	86.2
52	40.4	26.9	40.3#

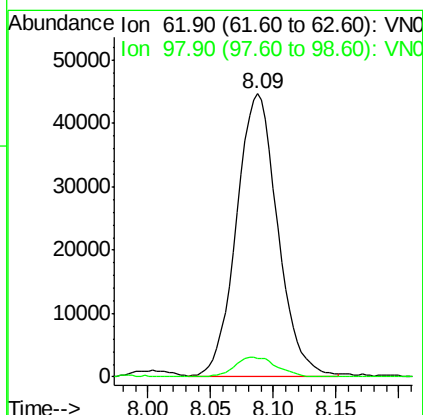
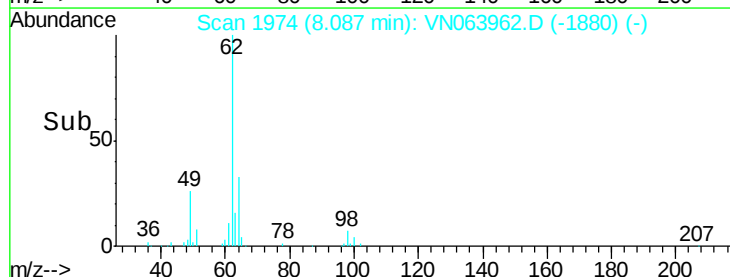
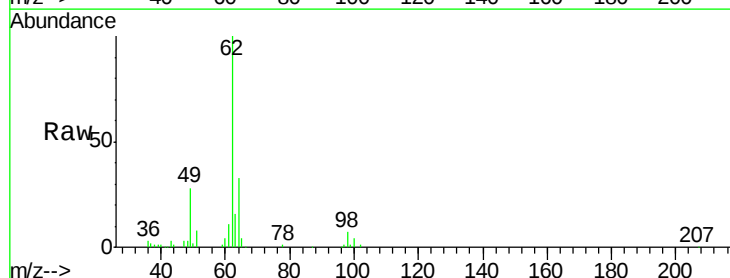
Manual Integrations
APPROVED

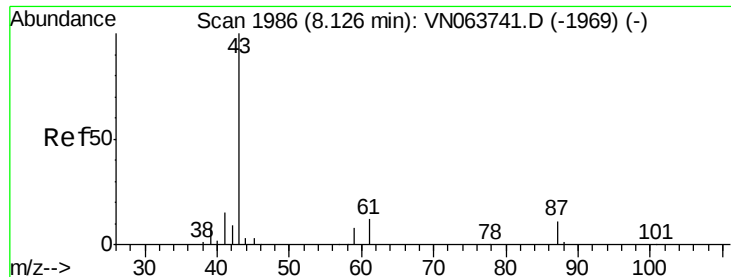
MMDadoda
10/8/2020 10:09:34 AM



#42
1,2-Dichloroethane
Concen: 18.835 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	62	Resp	102650
Ion Ratio	Lower	Upper	
62	100		
98	7.1	0.0	15.0





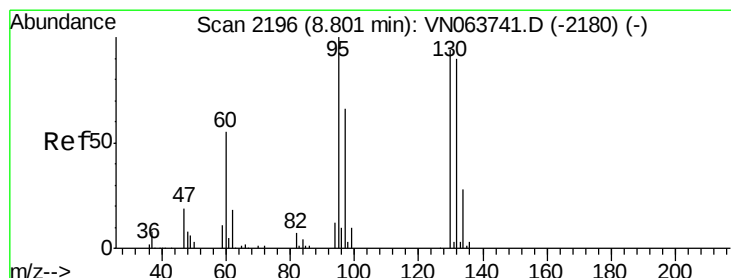
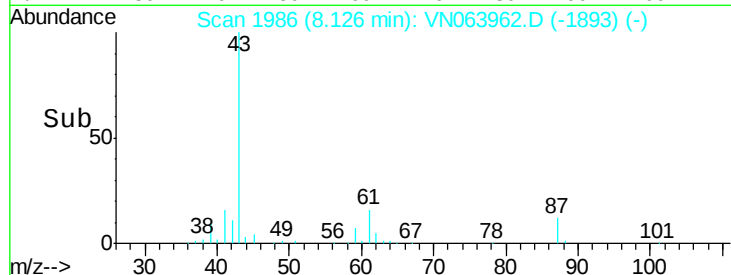
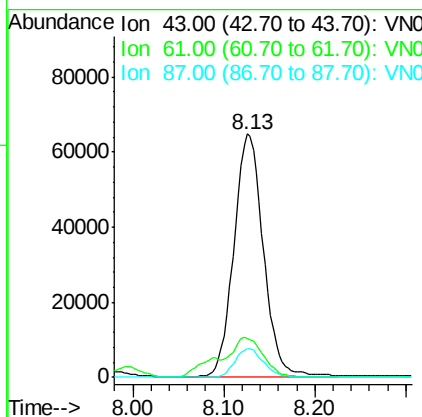
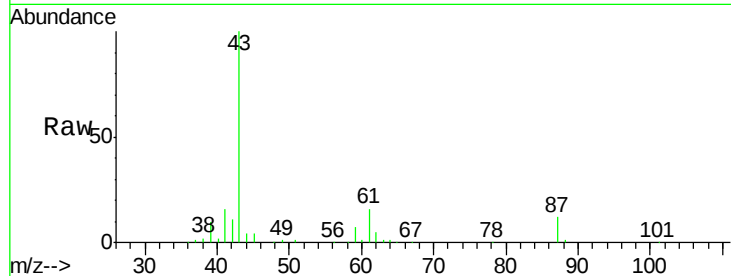
#43
Isopropyl Acetate
Concen: 20.063 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.2	21.4
87	11.4	9.0	13.6

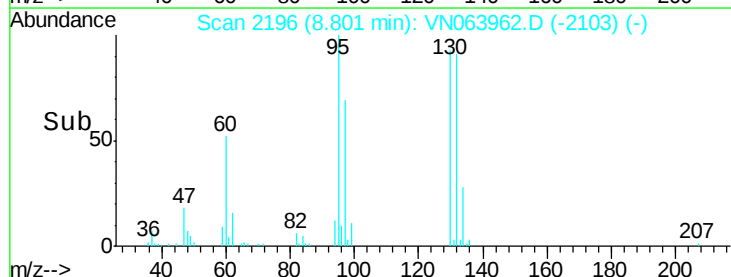
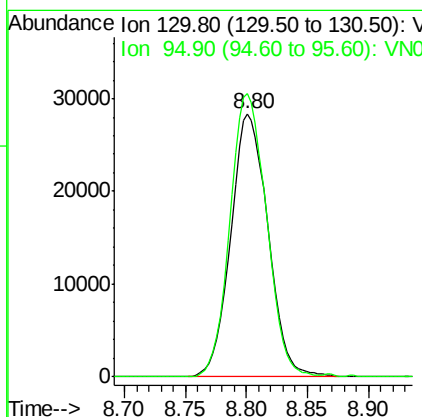
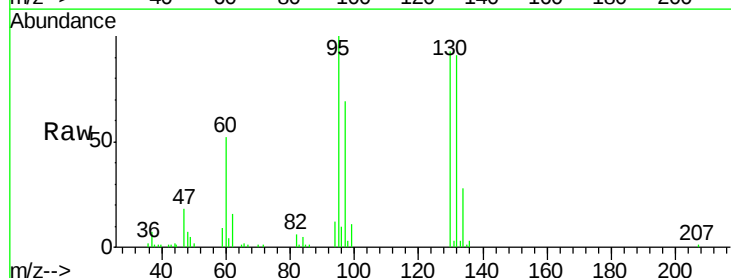
Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#44
Trichloroethene
Concen: 17.957 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.7	0.0	213.6





#45

1,2-Dichloropropane

Concen: 19.604 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion: 63 Resp: 67597

Ion Ratio Lower Upper

63 100

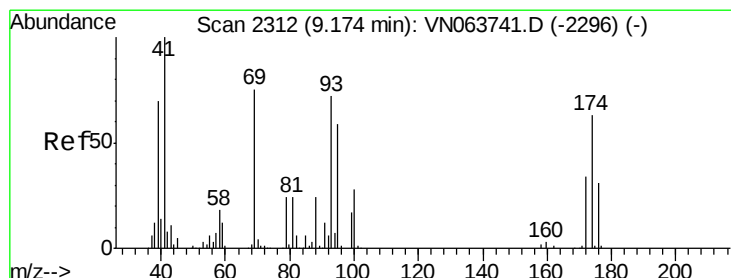
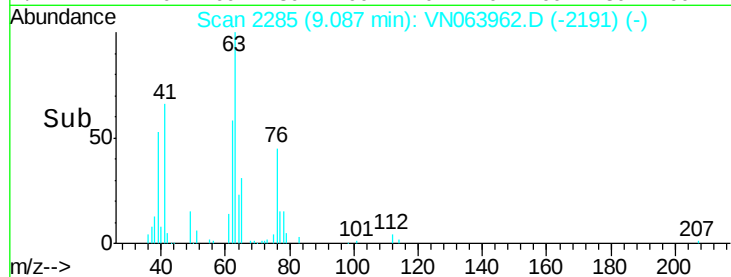
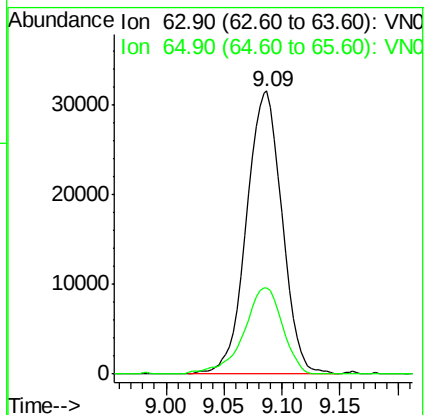
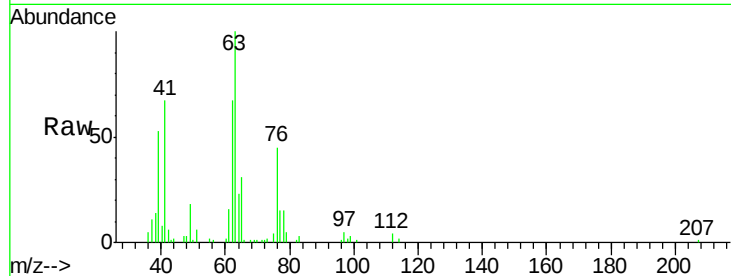
65 30.5 24.7 37.1

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:34 AM



#46

Dibromomethane

Concen: 18.639 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

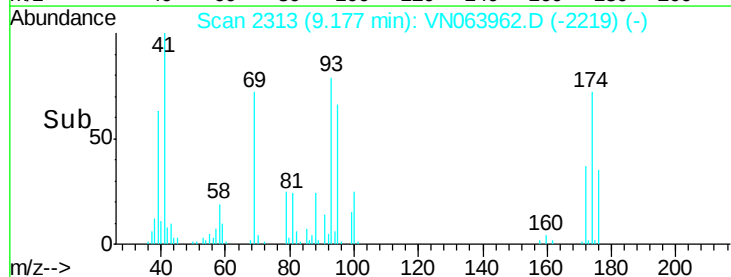
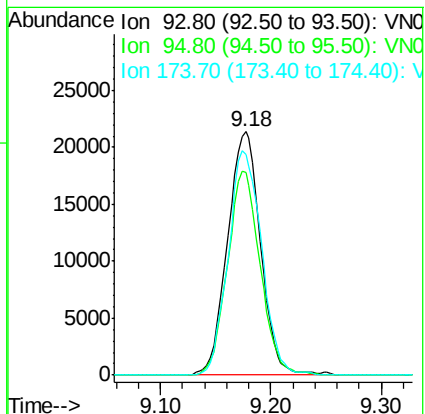
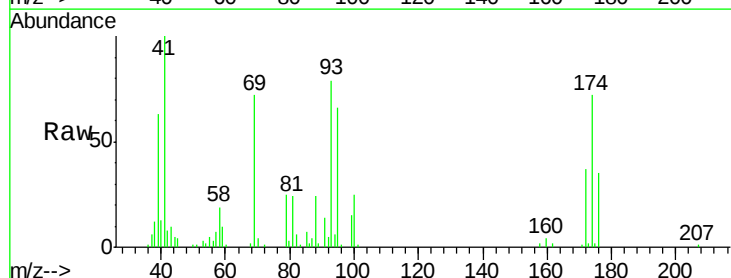
Tgt Ion: 93 Resp: 44335

Ion Ratio Lower Upper

93 100

95 83.0 66.3 99.5

174 92.8 72.7 109.1





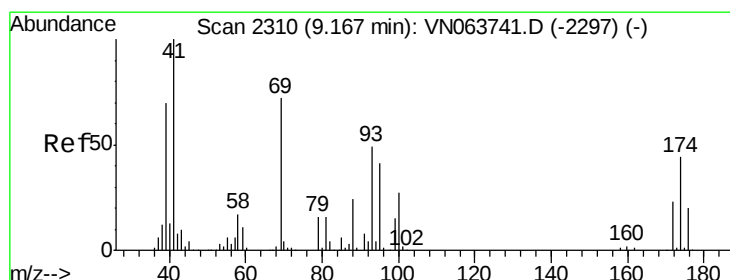
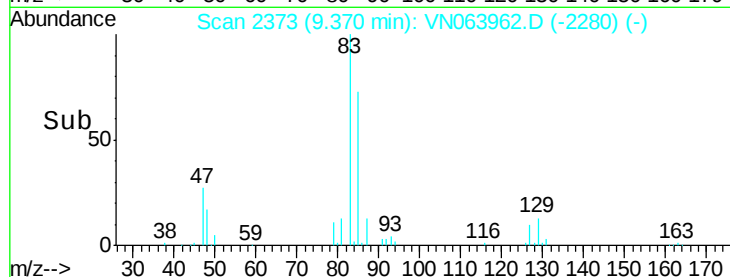
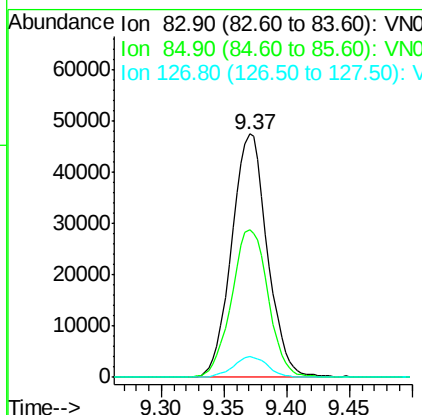
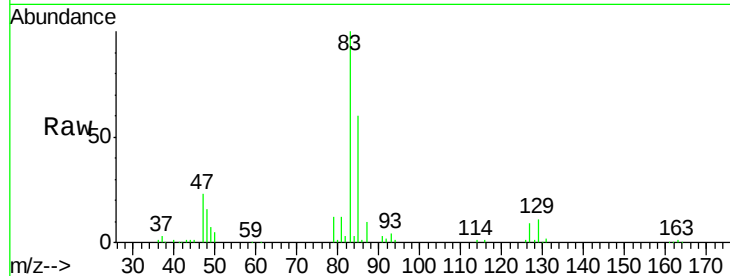
#47
Bromodichloromethane
Concen: 19.139 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	83	Resp	93826
Ion Ratio	100	Lower	Upper
83	100		
85	60.5	50.6	75.8
127	8.6	6.6	9.8

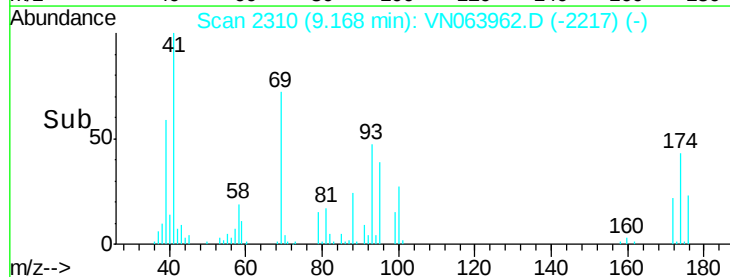
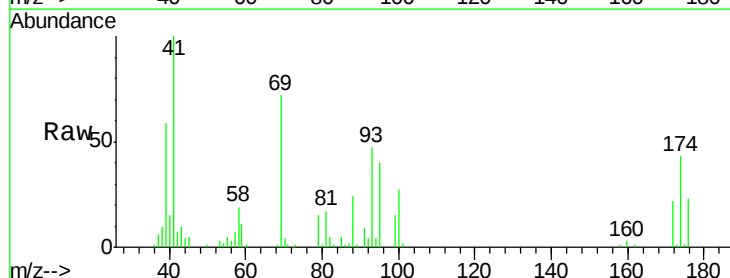
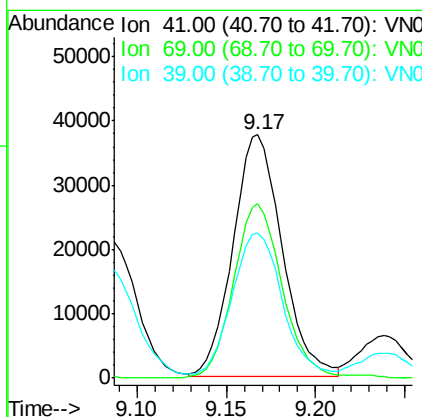
Manual Integrations
APPROVED

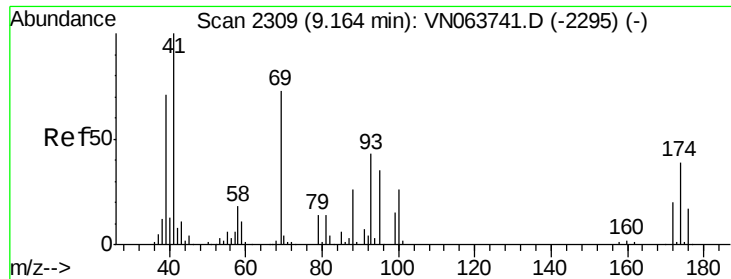
MMDadoda
10/8/2020 10:09:34 AM



#48
Methyl methacrylate
Concen: 20.079 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	41	Resp	72669
Ion Ratio	100	Lower	Upper
41	100		
69	70.7	60.9	91.3
39	60.9	57.5	86.3





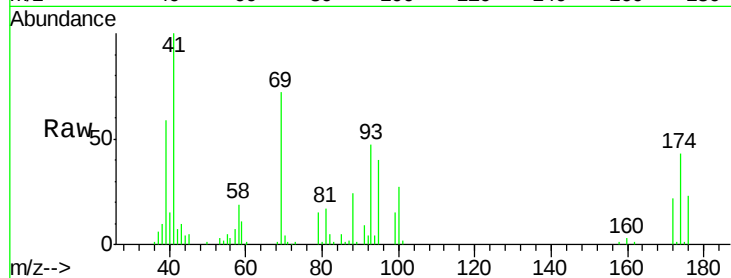
#49
1,4-Dioxane
Concen: 353.935 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	46.1	33.1	49.7
58	79.7	58.9	88.3

Manual Integrations
APPROVED

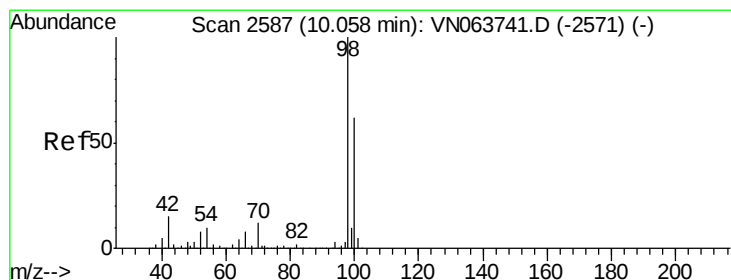
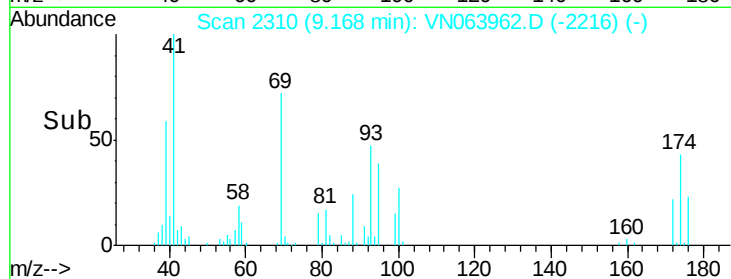
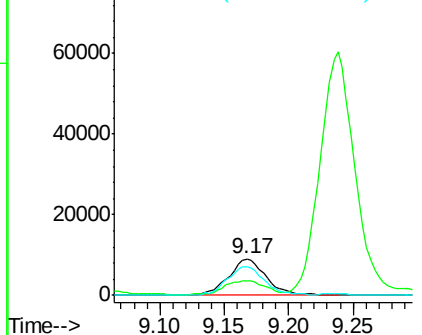
MMDadoda
10/8/2020 10:09:34 AM



Abundance Ion 88.00 (87.70 to 88.70): VN063741.D (-2295) (-)

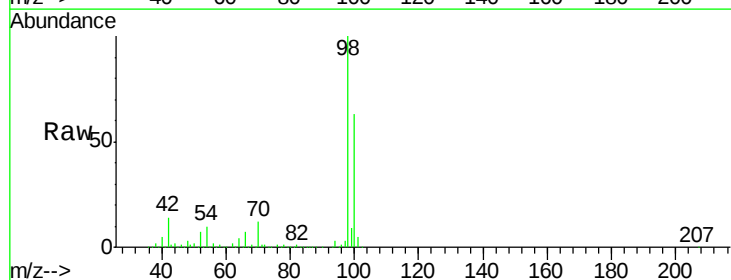
Ion 43.00 (42.70 to 43.70): VN063741.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2295) (-)



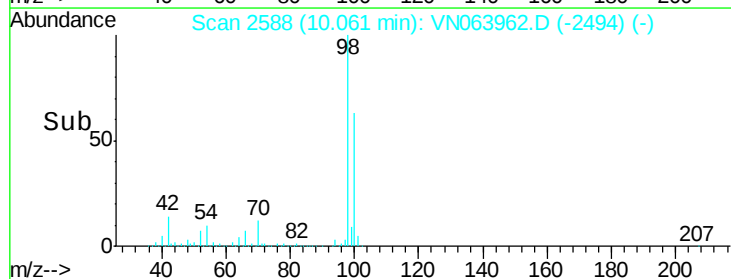
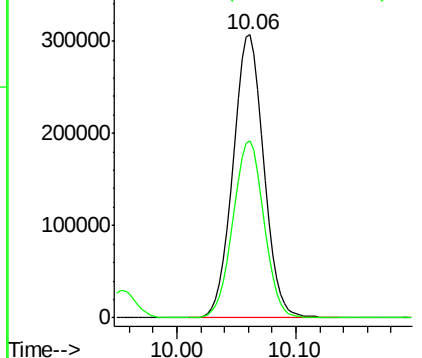
#50
Toluene-d8
Concen: 47.393 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	49.8	74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





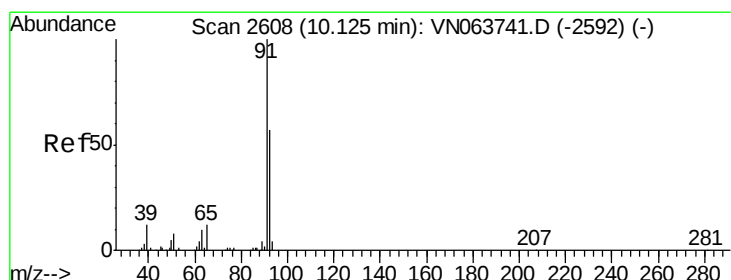
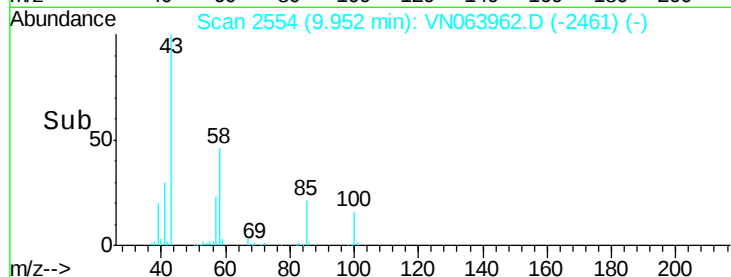
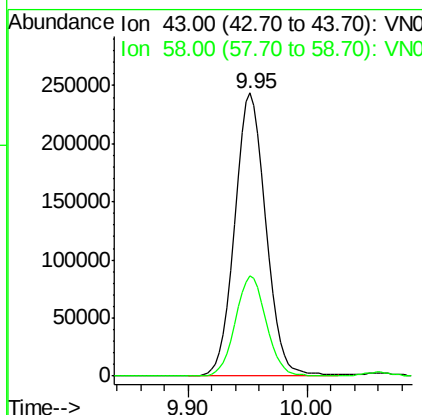
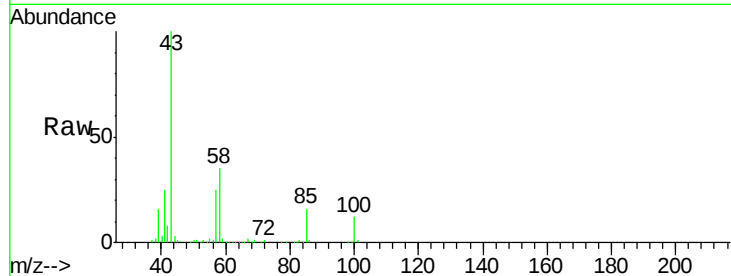
#51
4-Methyl-2-Pentanone
Concen: 102.375 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

Tot Ion	43	Resp	440091
Ion Ratio	100	Lower	Upper
58	35.3	28.4	42.6

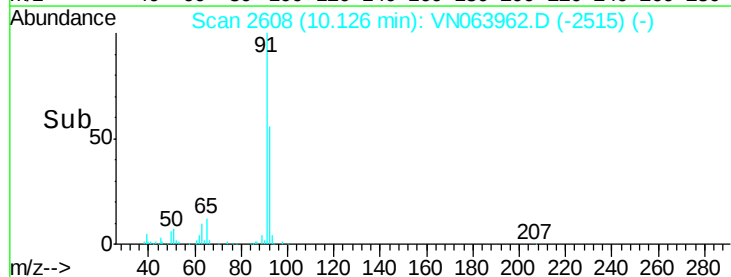
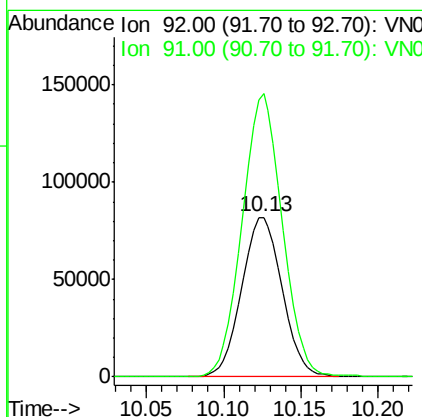
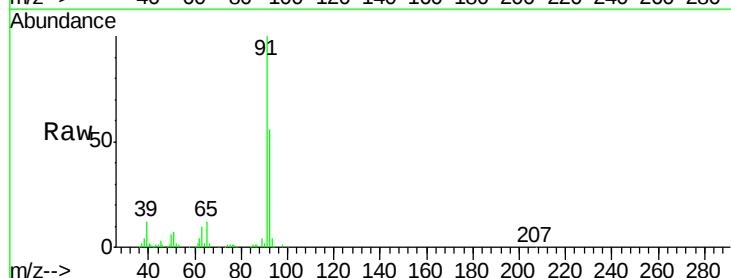
Manual Integrations
APPROVED

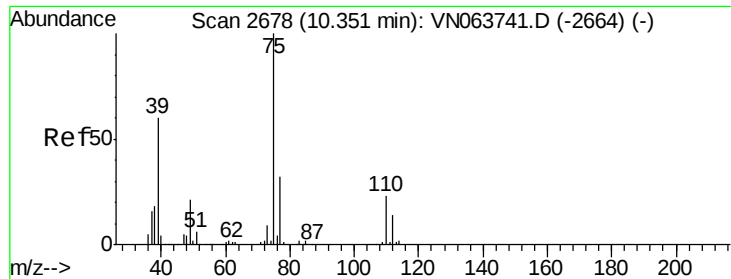
MMDadoda
10/8/2020 10:09:34 AM



#52
Toluene
Concen: 18.929 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	92	Resp	149487
Ion Ratio	100	Lower	Upper
91	176.9	140.6	210.8





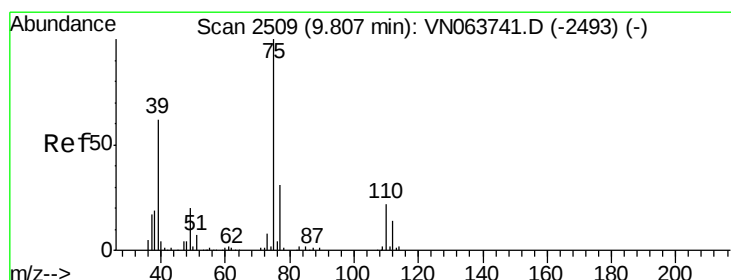
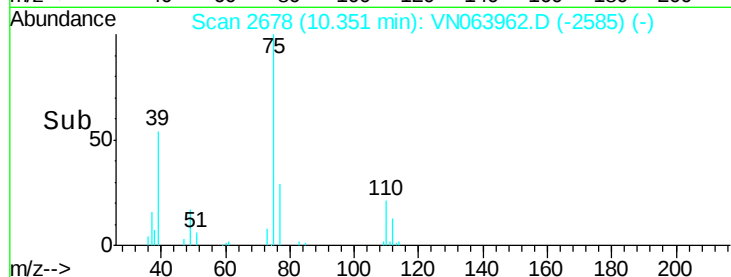
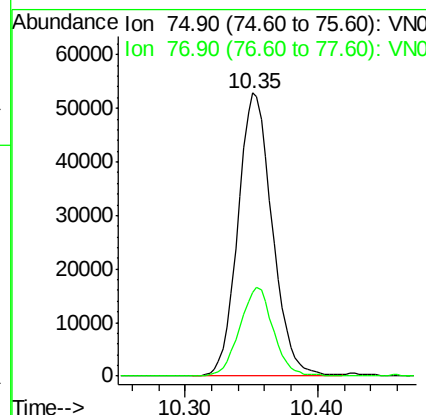
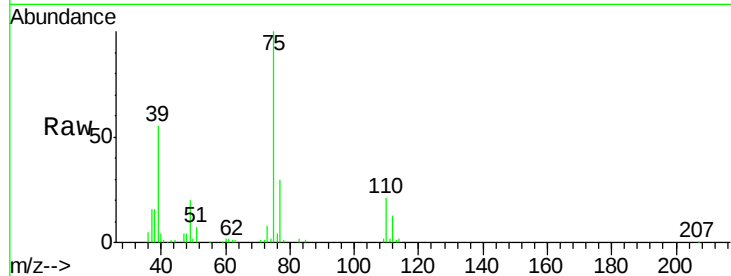
#53
t-1,3-Dichloropropene
Concen: 18.100 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion: 75 Resp: 95115
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9

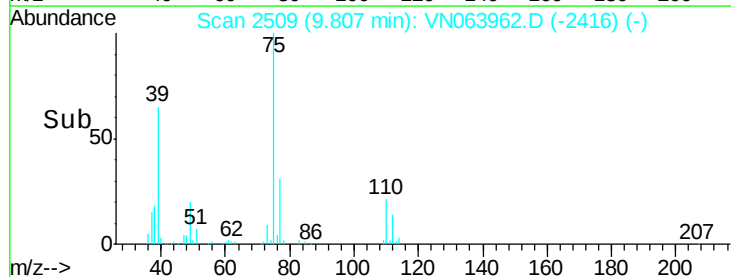
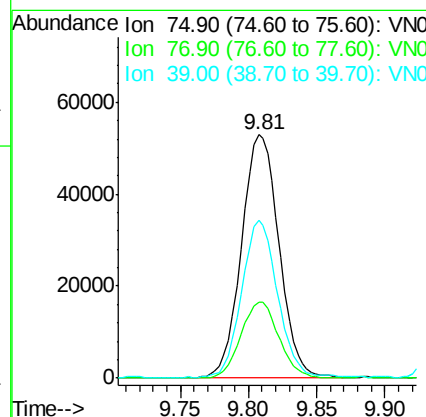
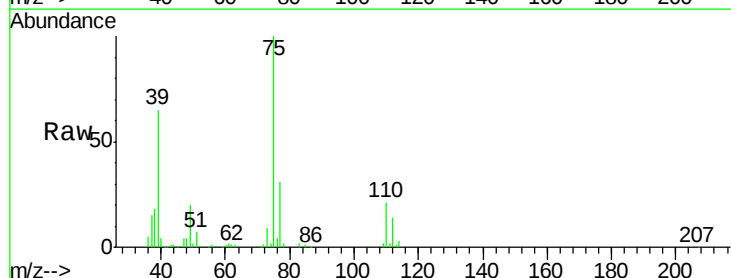
Manual Integrations
APPROVED

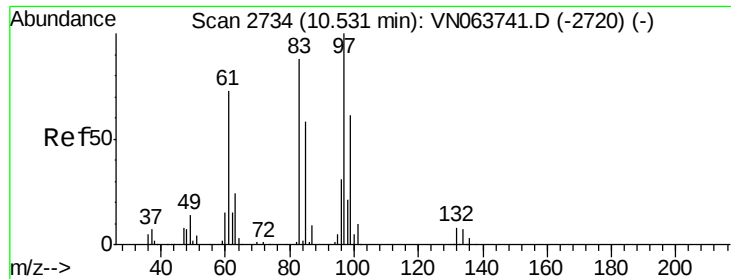
MMDadoda
10/8/2020 10:09:34 AM



#54
cis-1,3-Dichloropropene
Concen: 18.419 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 75 Resp: 101227
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 64.6 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 19.476 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

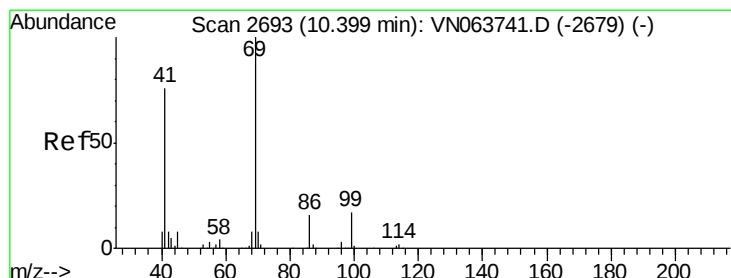
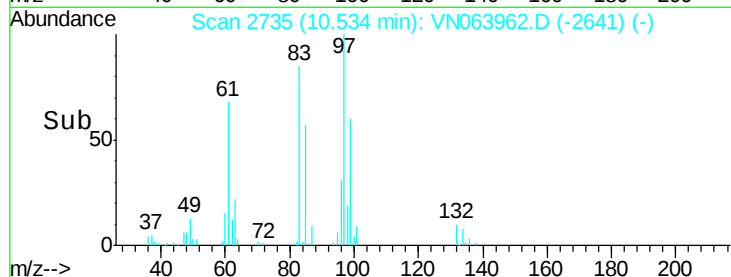
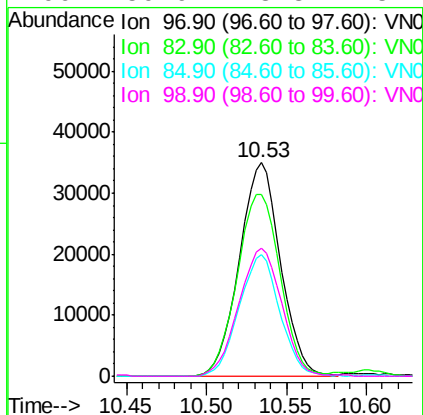
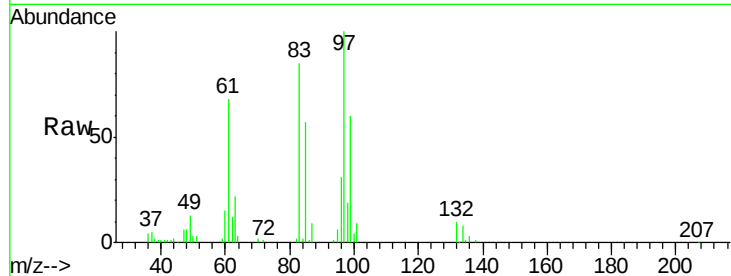
ClientSampleId :

VN1007WBS02

Tot Ion:	97	Resp:	61681
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.7	106.1
85	57.2	46.1	69.1
99	59.9	48.8	73.2

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#56

Ethyl methacrylate

Concen: 19.049 ug/l

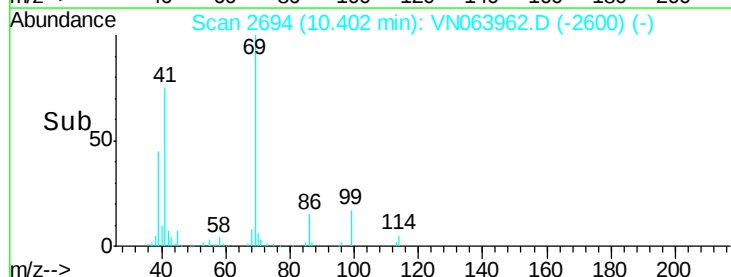
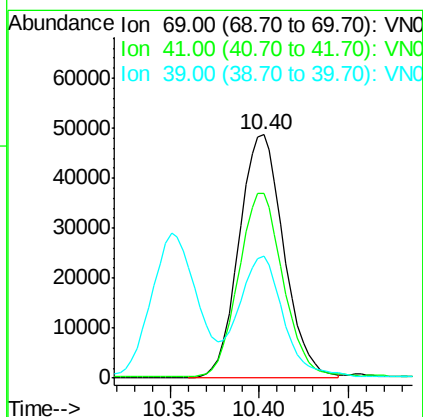
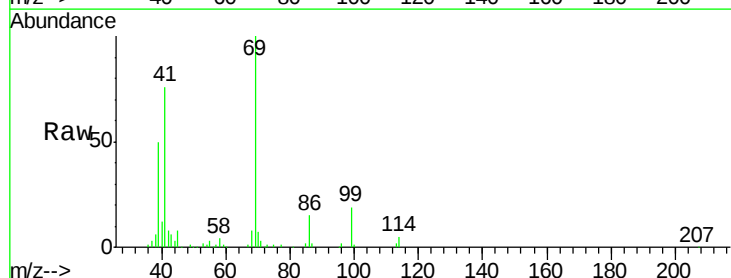
RT: 10.40 min Scan# 2694

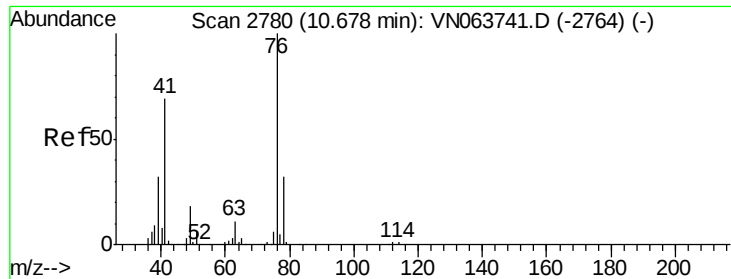
Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Tgt Ion:	69	Resp:	85513
Ion	Ratio	Lower	Upper
69	100		
41	75.2	61.1	91.7
39	49.2	42.2	63.4





#57

1,3-Dichloropropane

Concen: 20.151 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion: 76 Resp: 107968

Ion Ratio Lower Upper

76 100

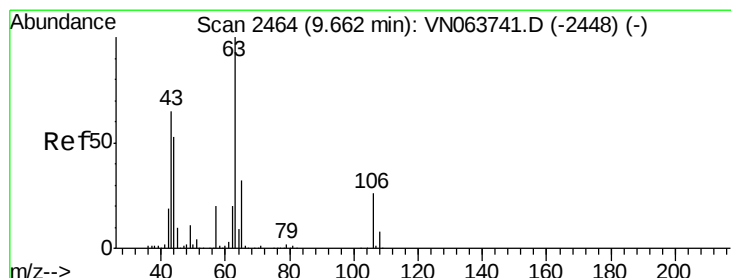
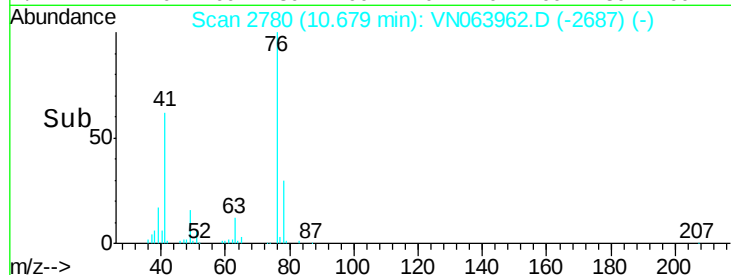
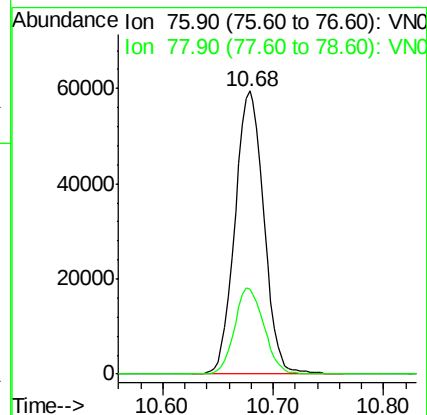
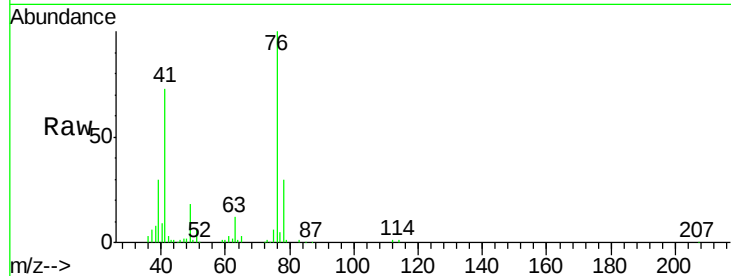
78 31.1 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:34 AM



#58

2-Chloroethyl Vinyl ether

Concen: 95.129 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063962.D

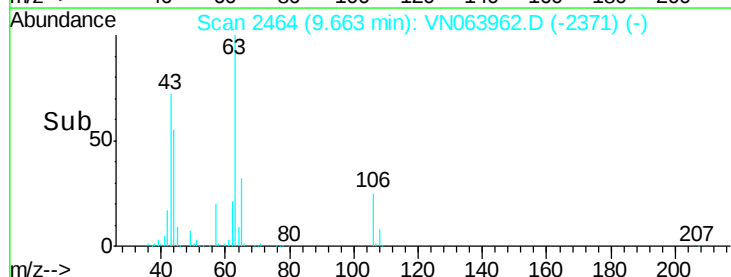
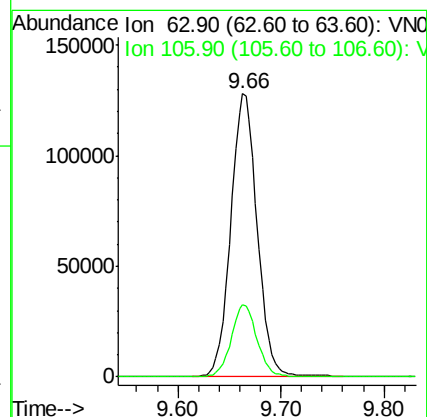
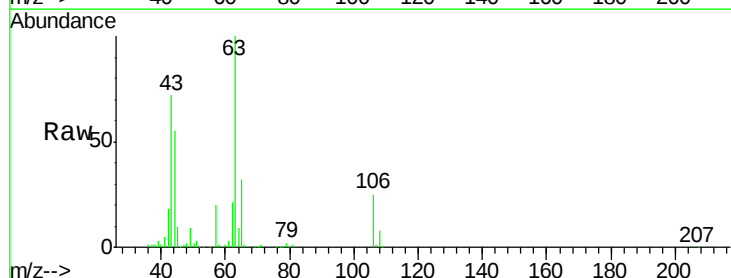
Acq: 8 Oct 2020 00:29

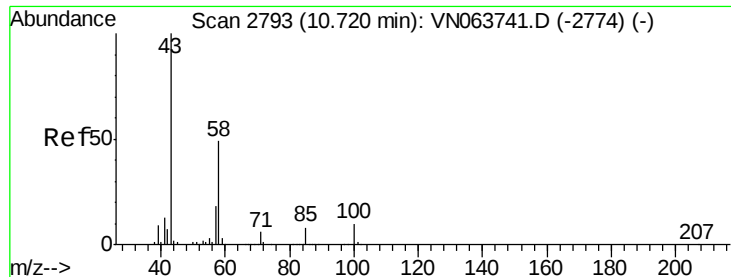
Tgt Ion: 63 Resp: 228432

Ion Ratio Lower Upper

63 100

106 24.9 20.7 31.1





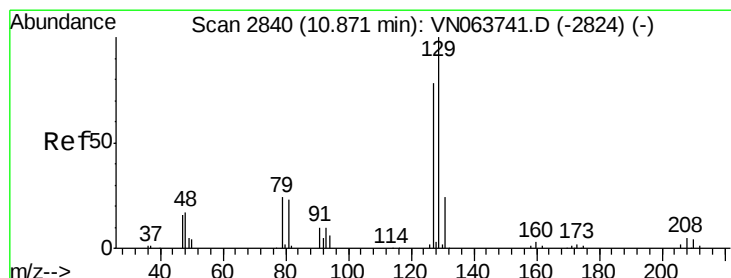
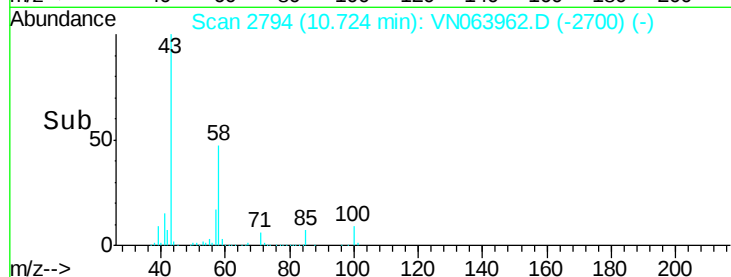
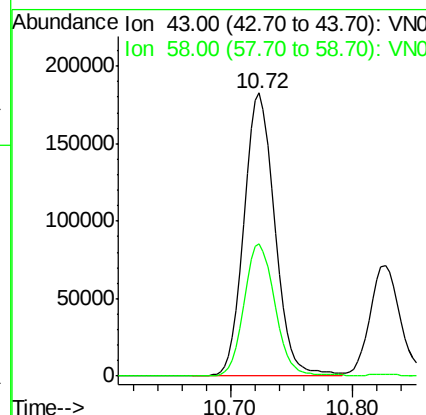
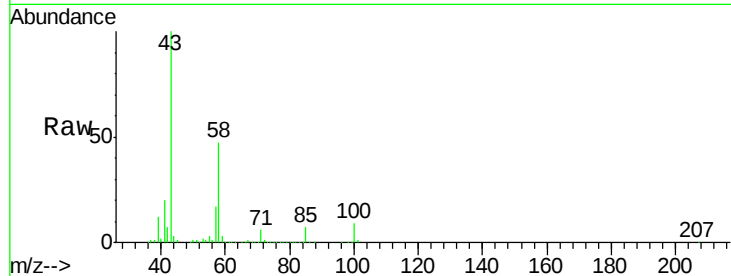
#59
2-Hexanone
Concen: 99.563 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	43	Resp	317946
Ion Ratio	43	100	
Lower	58	47.2	24.6
Upper			73.8

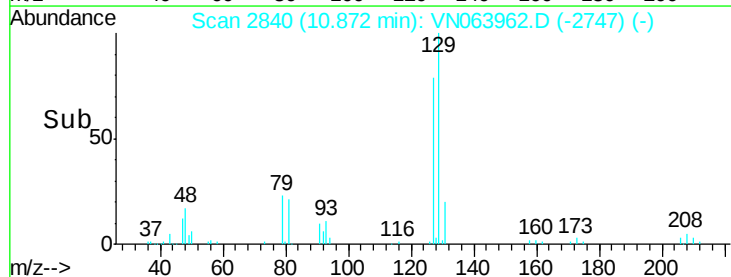
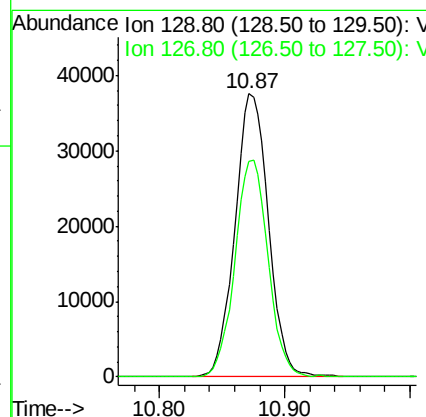
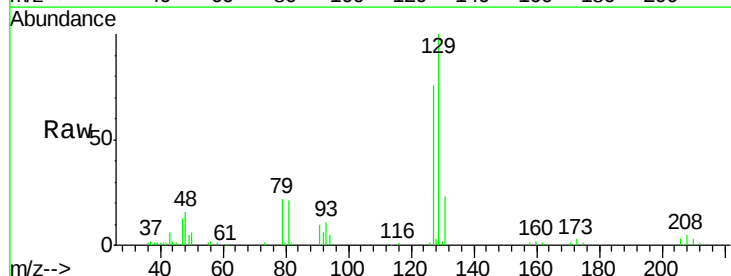
Manual Integrations
APPROVED

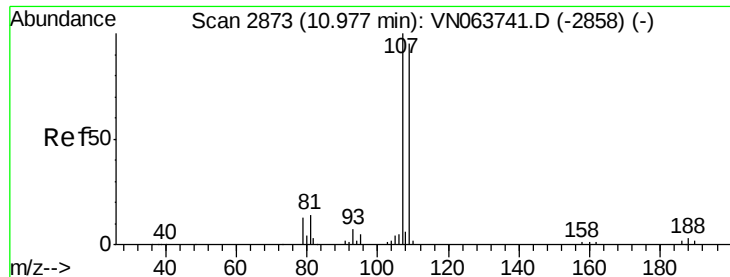
MMDadoda
10/8/2020 10:09:34 AM



#60
Dibromochloromethane
Concen: 18.877 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	129	Resp	69625
Ion Ratio	129	100	
Lower	127	75.6	38.9
Upper			116.7





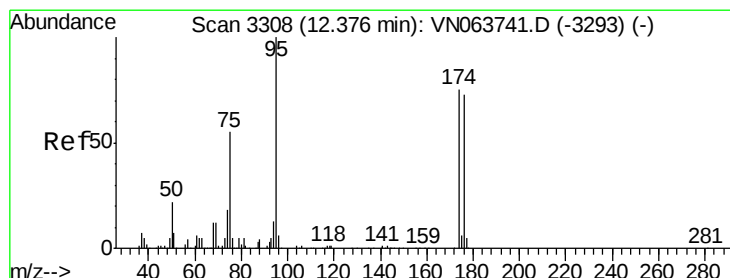
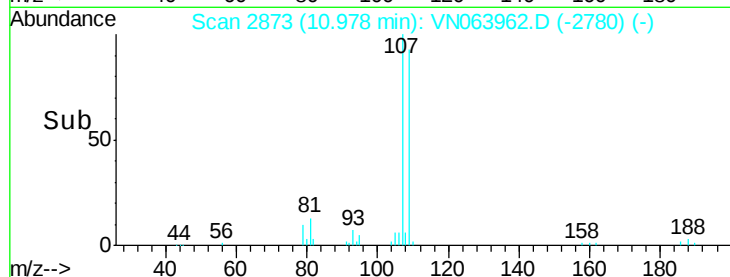
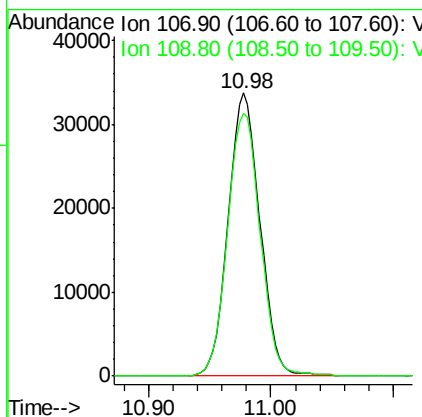
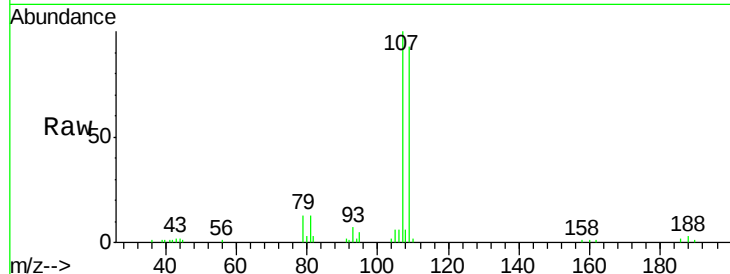
#61
 1,2-Dibromoethane
 Concen: 18.950 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	74.8	112.2

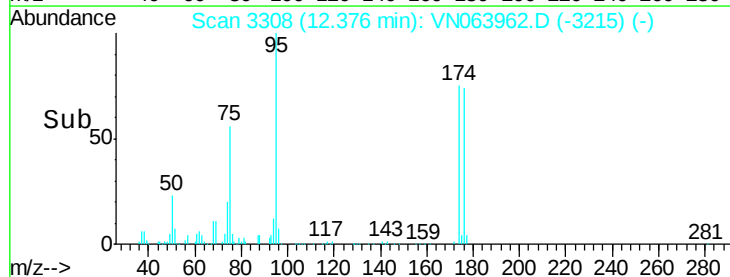
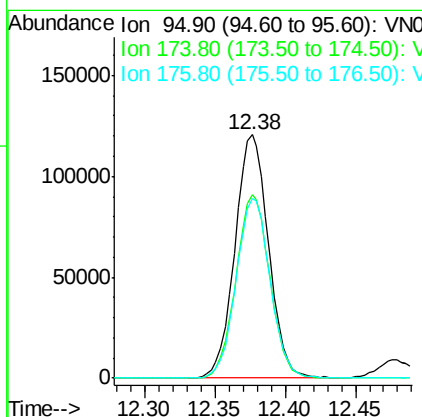
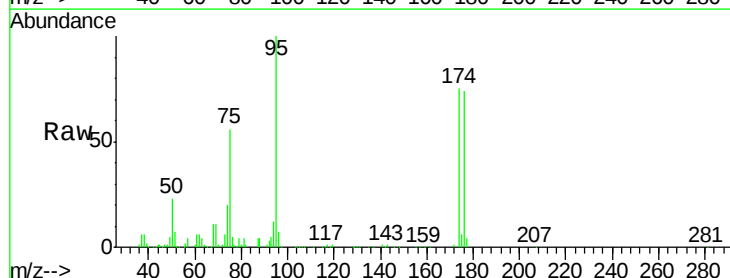
Manual Integrations
 APPROVED

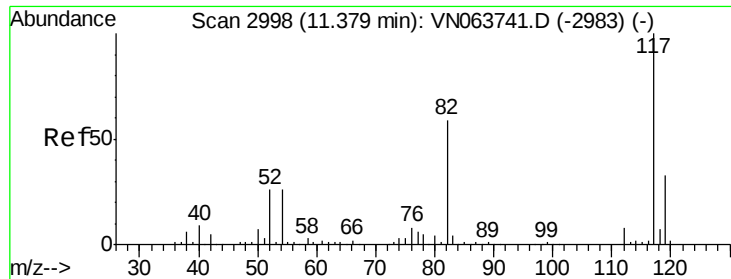
MMDadoda
 10/8/2020 10:09:34 AM



#62
 4-Bromofluorobenzene
 Concen: 46.196 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.6
176	74.7	0.0	145.4





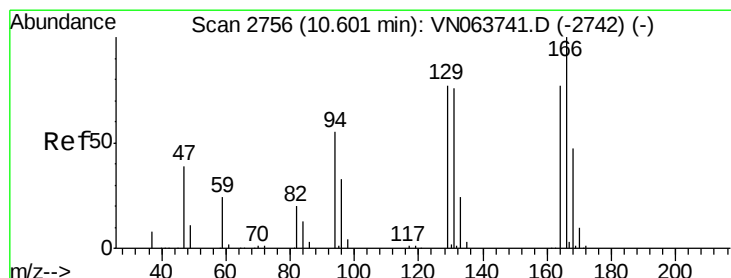
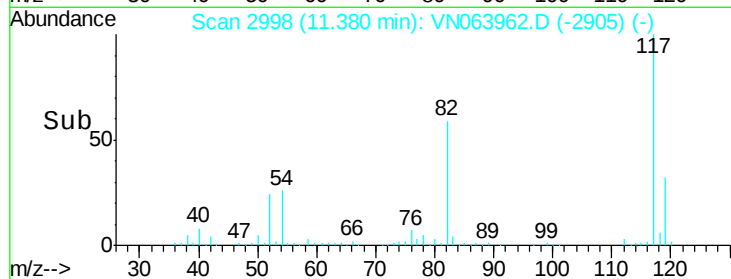
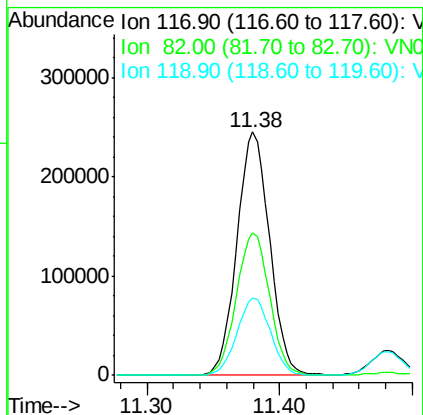
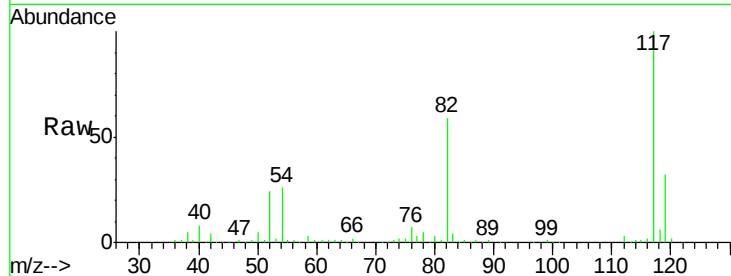
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	31.7	26.4	39.6

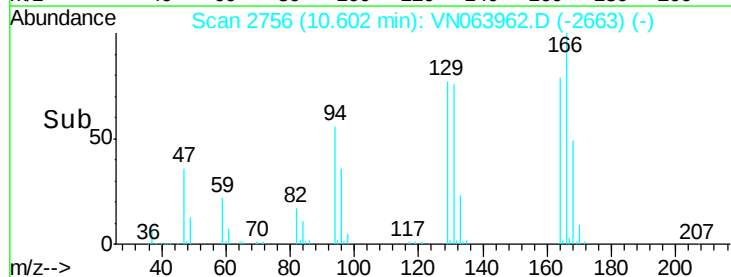
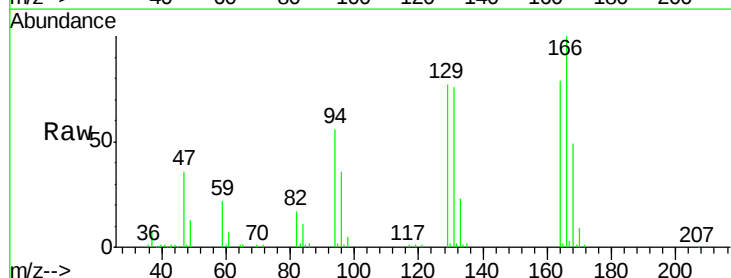
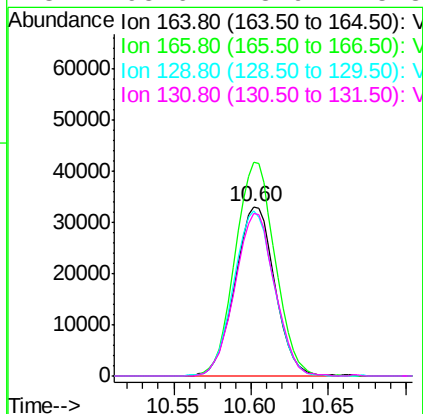
Manual Integrations
APPROVED

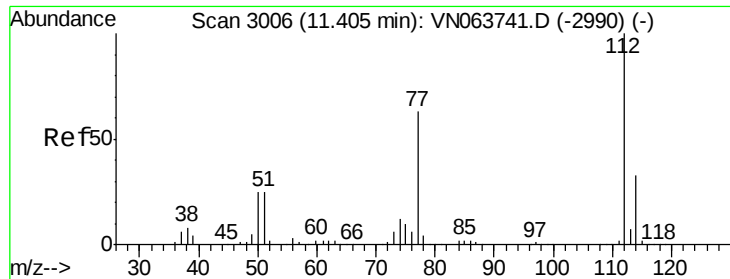
MMDadoda
10/8/2020 10:09:34 AM



#64
Tetrachloroethene
Concen: 18.193 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	103.9	155.9
129	97.1	80.3	120.5
131	95.6	78.9	118.3





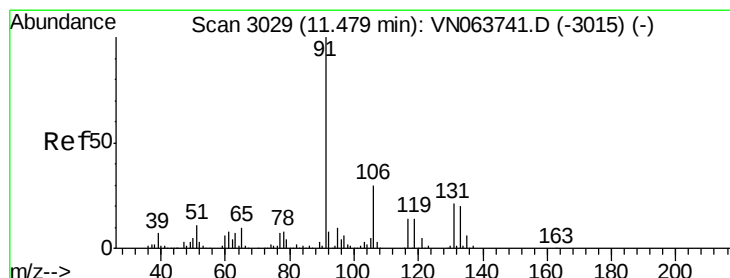
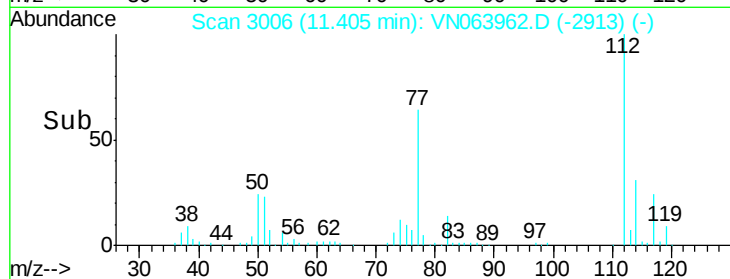
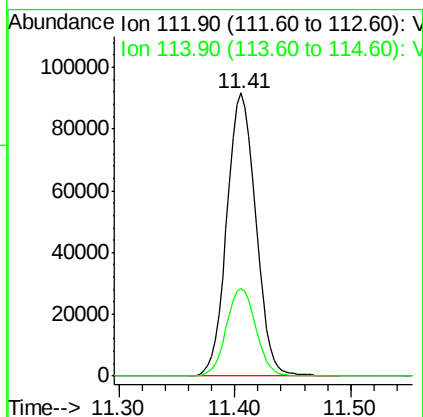
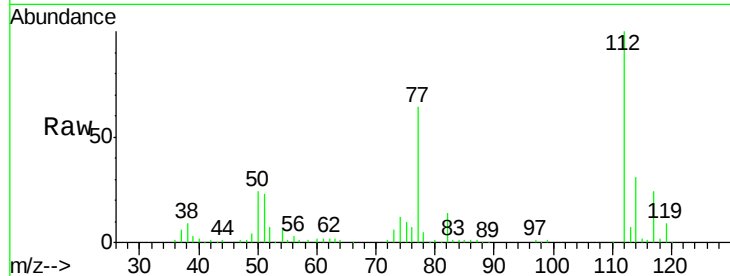
#65
Chlorobenzene
Concen: 18.436 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion:112 Resp: 158579
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1

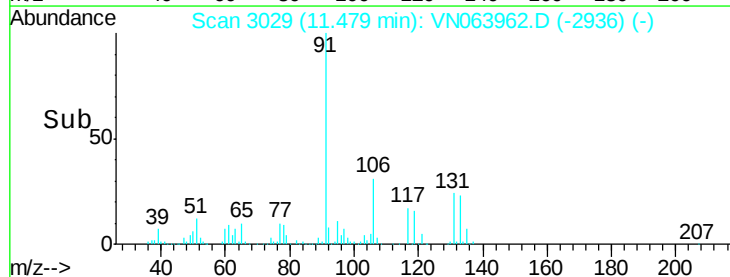
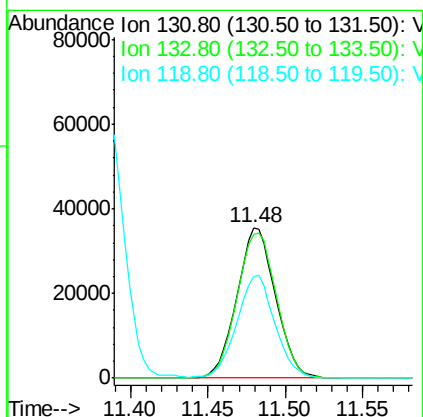
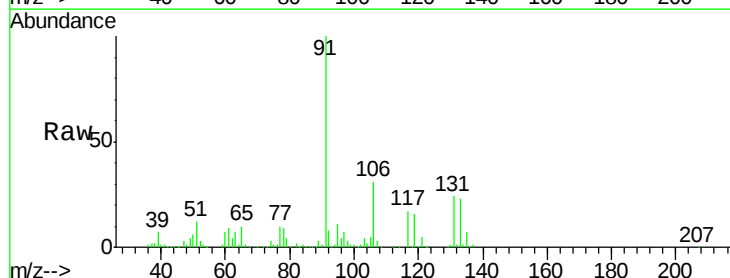
Manual Integrations
APPROVED

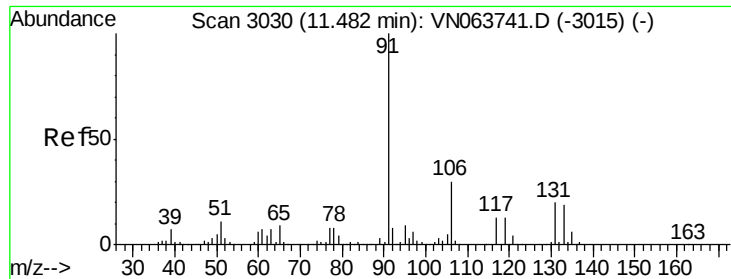
MMDadoda
10/8/2020 10:09:34 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.683 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion:131 Resp: 61609
Ion Ratio Lower Upper
131 100
133 99.1 47.3 141.8
119 67.6 32.6 97.7





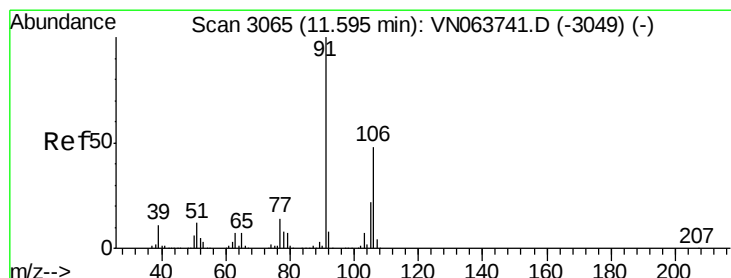
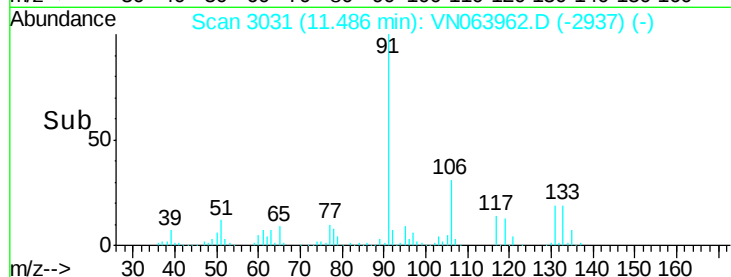
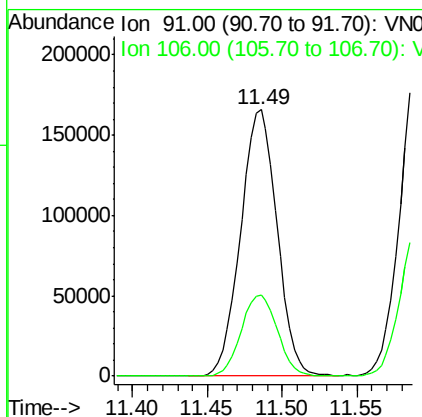
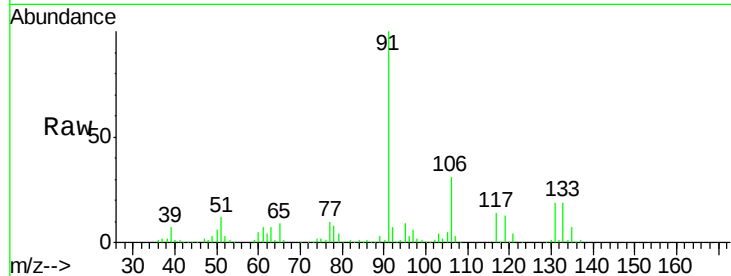
#67
Ethyl Benzene
Concen: 17.975 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

Tot Ion: 91 Resp: 281343
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2

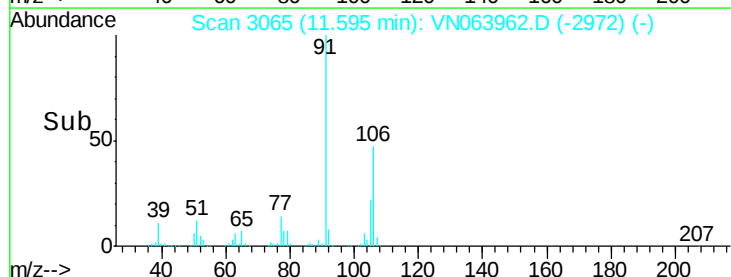
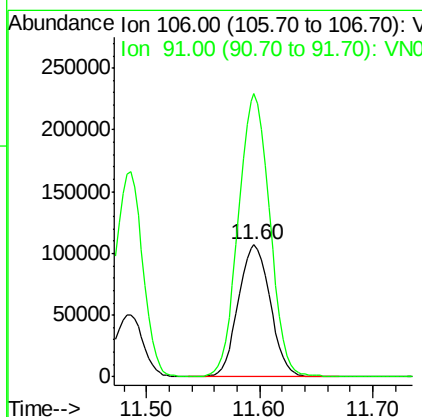
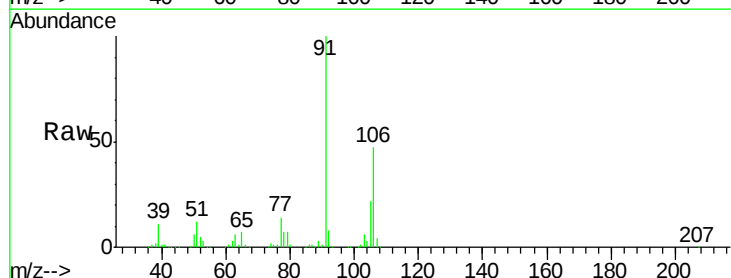
Manual Integrations
APPROVED

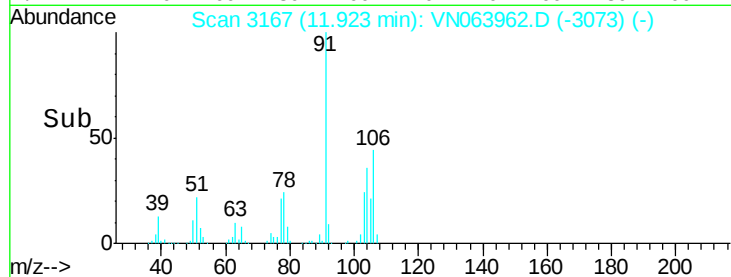
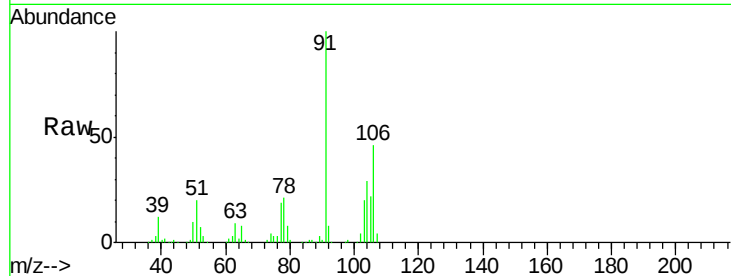
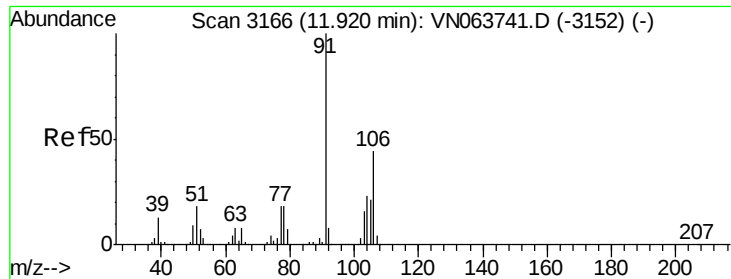
MMDadoda
10/8/2020 10:09:34 AM



#68
m/p-Xylenes
Concen: 36.144 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 106 Resp: 210842
Ion Ratio Lower Upper
106 100
91 209.5 168.0 252.0





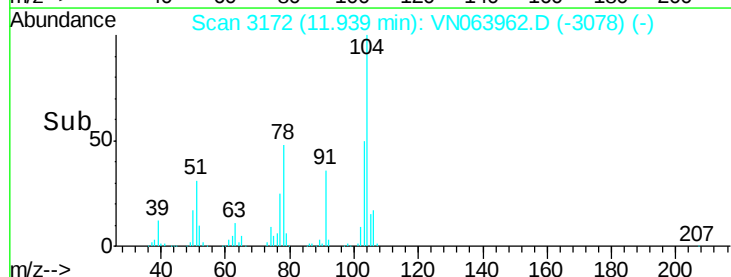
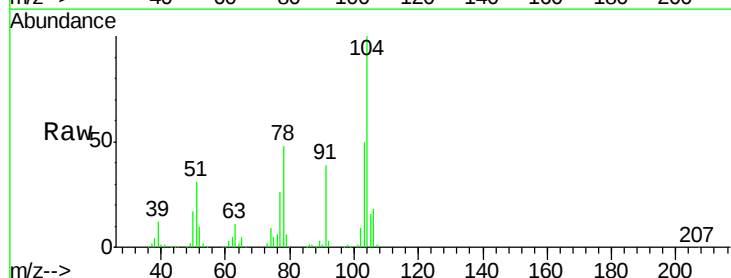
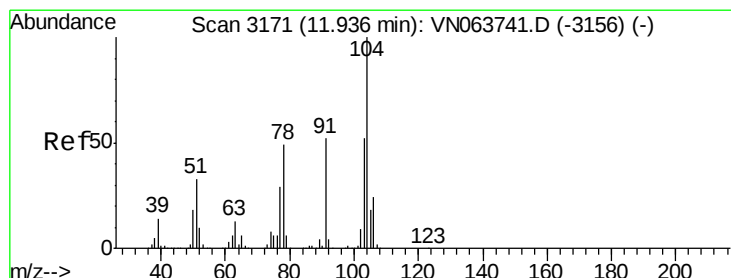
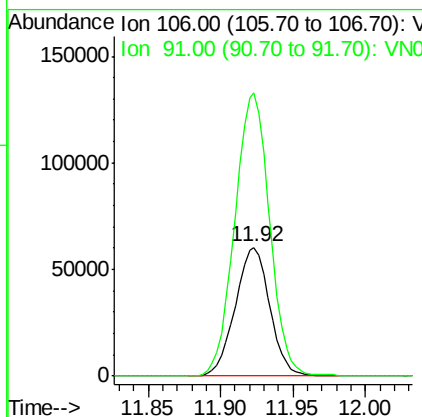
#69
o-Xylene
Concen: 18.279 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tot Ion:106 Resp: 99659
Ion Ratio Lower Upper
106 100
91 222.6 112.7 338.0

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

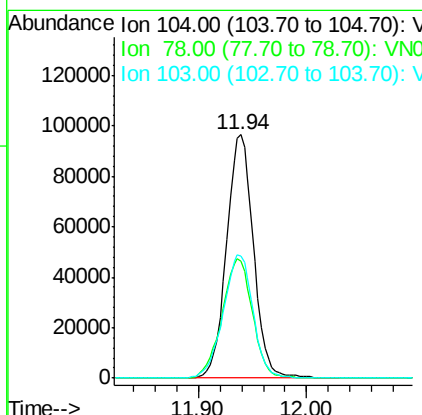
Manual Integrations
APPROVED

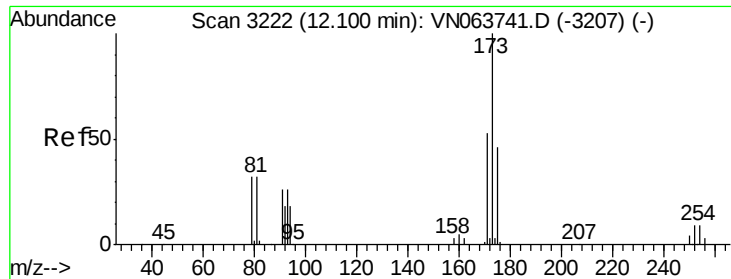
MMDadoda
10/8/2020 10:09:34 AM



#70
Styrene
Concen: 18.172 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion:104 Resp: 168186
Ion Ratio Lower Upper
104 100
78 55.2 44.1 66.1
103 55.8 44.3 66.5





#71

Bromoform

Concen: 18.470 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion:173 Resp: 46582

Ion Ratio Lower Upper

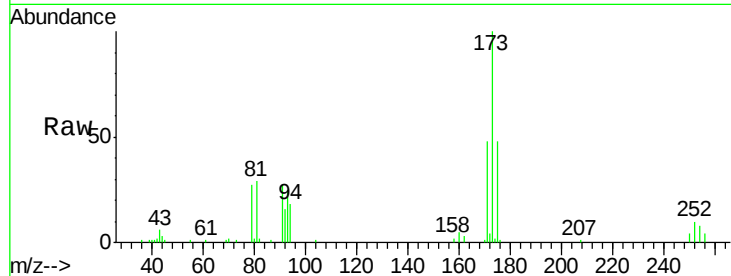
173 100

175 49.2 23.5 70.5

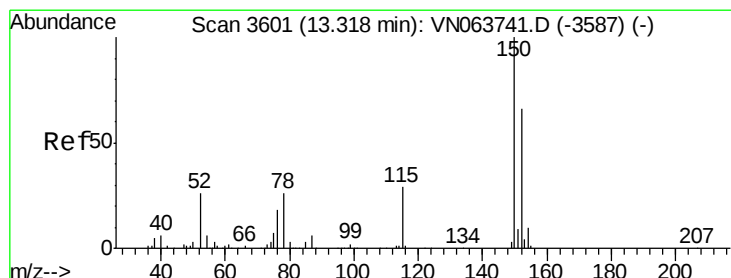
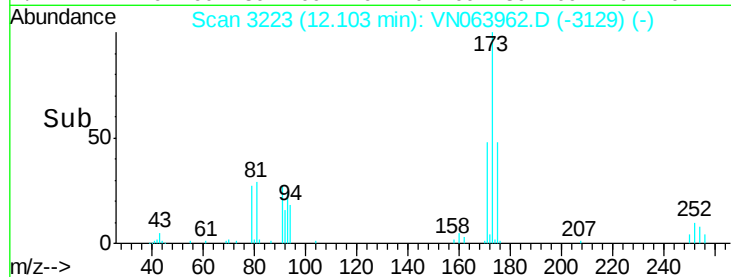
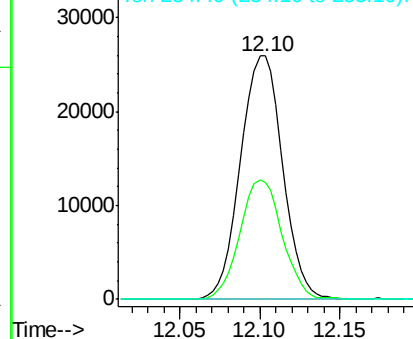
254 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

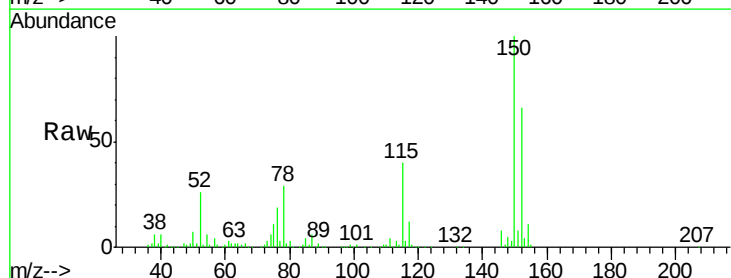
Tgt Ion:152 Resp: 194283

Ion Ratio Lower Upper

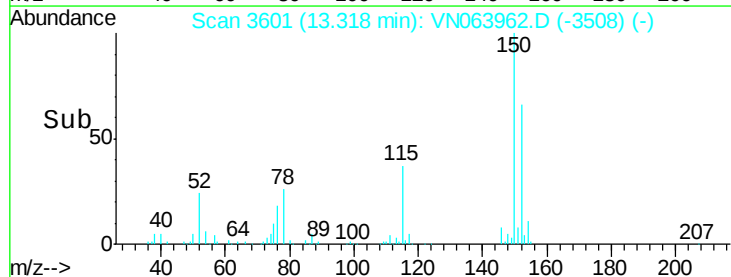
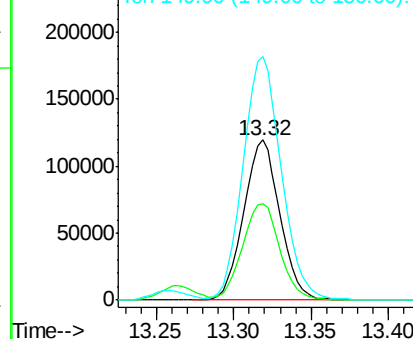
152 100

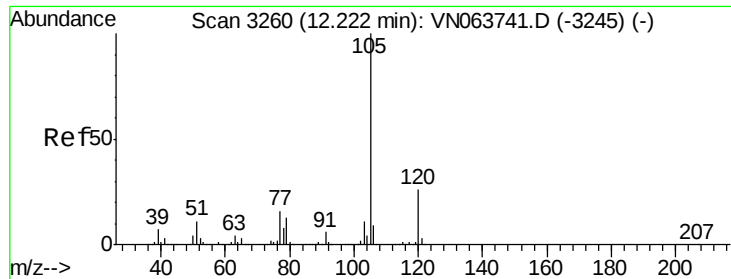
115 61.7 31.3 93.8

150 160.5 0.0 341.8



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





#73

Isopropylbenzene

Concen: 18.747 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion: 105 Resp: 265668

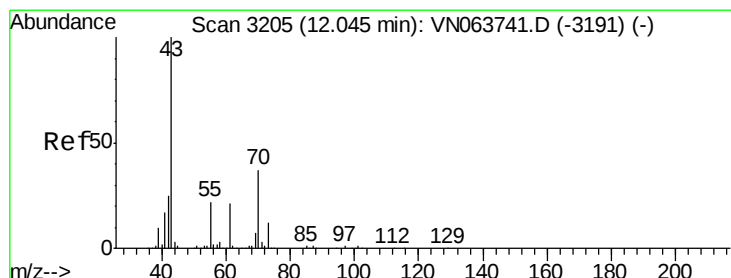
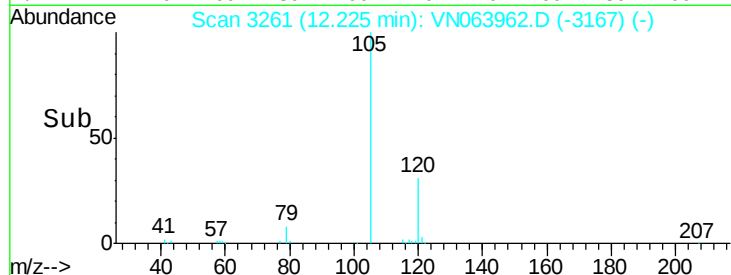
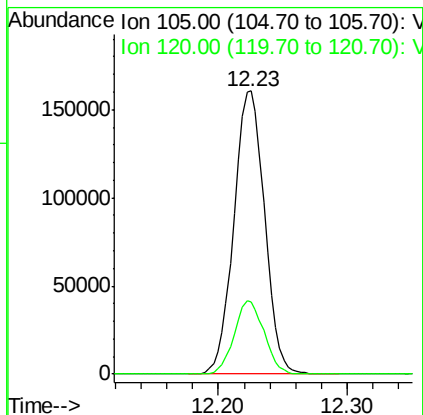
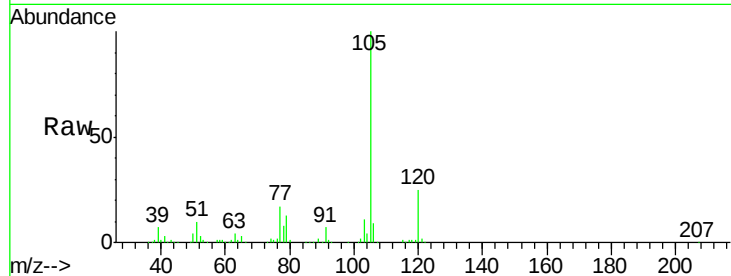
Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#74

N-ethyl acetate

Concen: 18.976 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Tgt Ion: 43 Resp: 115509

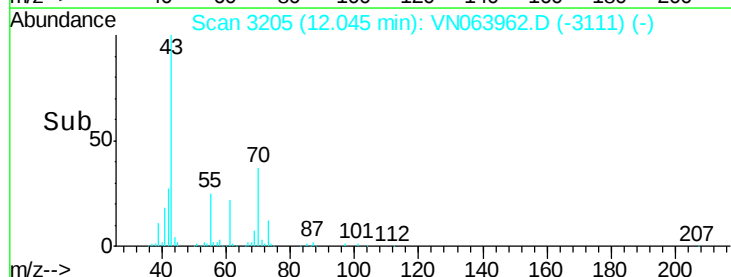
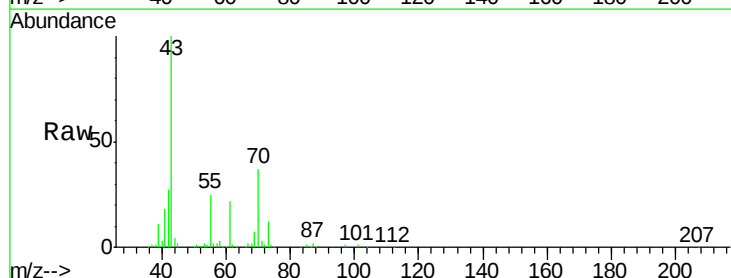
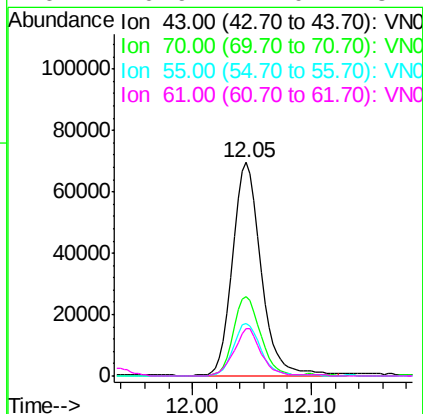
Ion Ratio Lower Upper

43 100

70 35.6 29.8 44.8

55 23.7 17.9 26.9

61 20.9 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.690 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

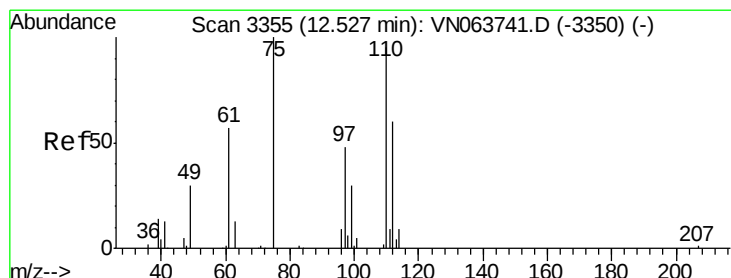
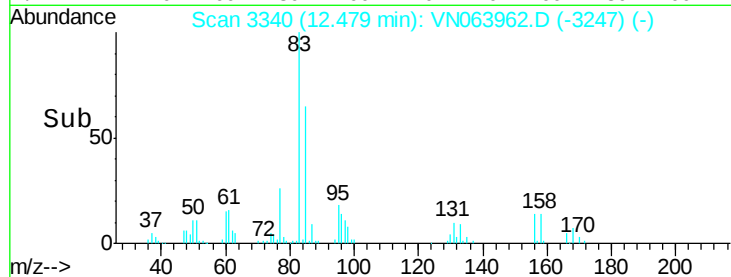
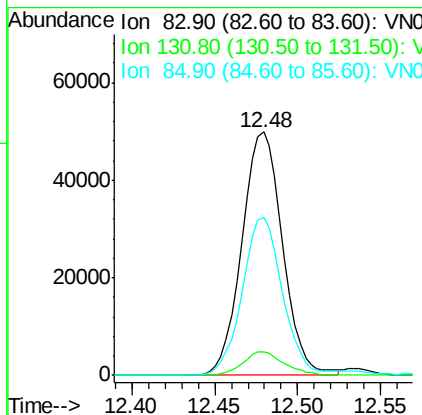
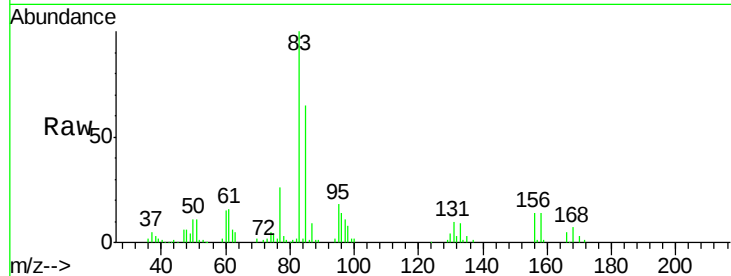
ClientSampleId :

VN1007WBS02

Tot Ion:	83	Resp:	85322
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.3	15.8
85	65.7	31.3	93.8

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#76

1,2,3-Trichloropropane

Concen: 19.273 ug/l m

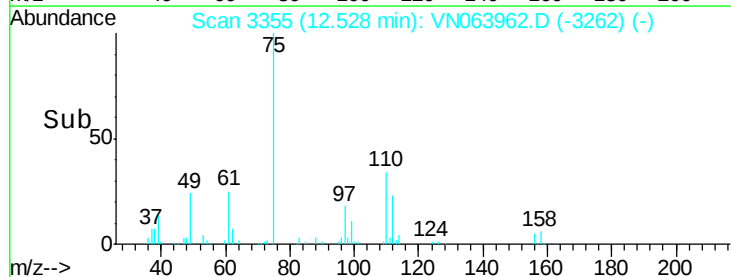
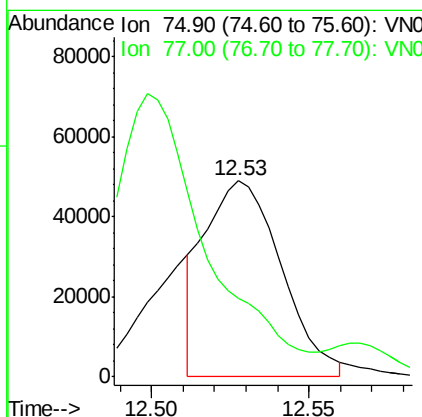
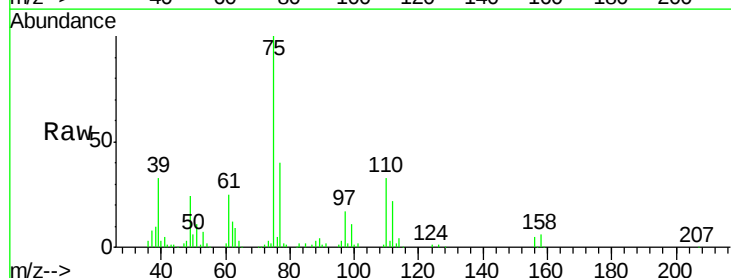
RT: 12.53 min Scan# 3355

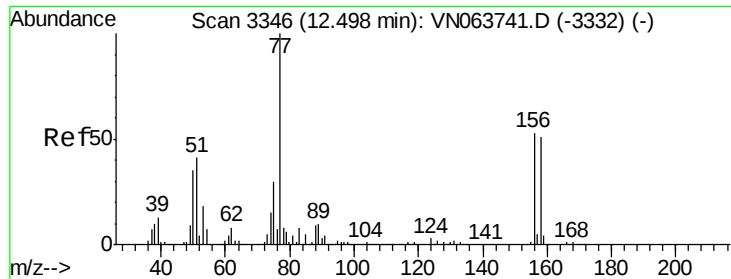
Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Tgt Ion:	75	Resp:	82540
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.674 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

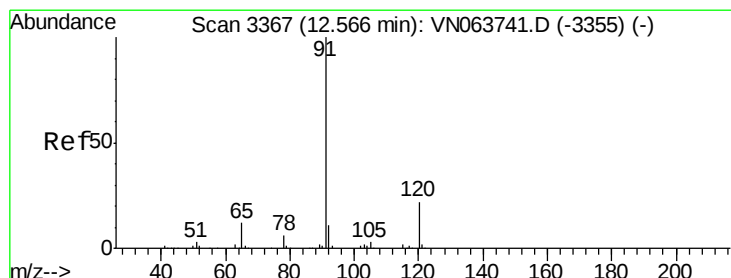
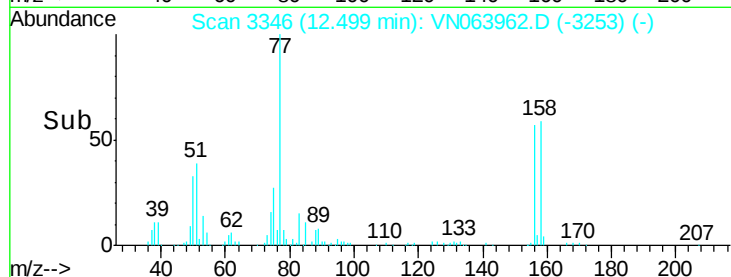
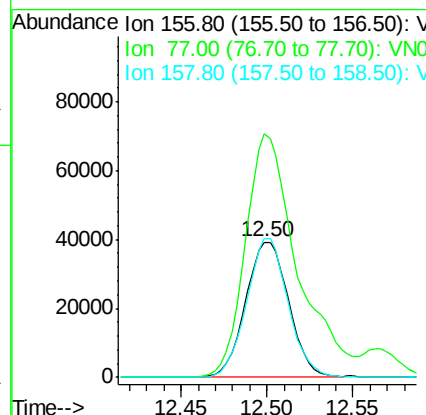
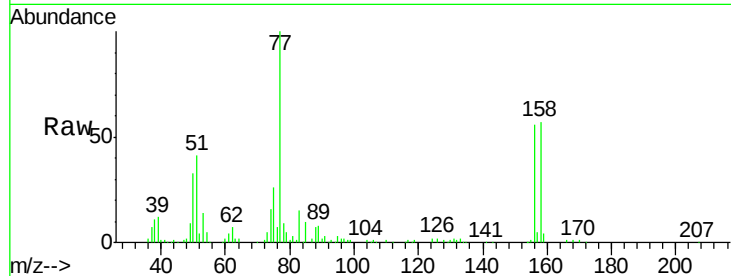
ClientSampleId :

VN1007WBS02

Tot Ion	156	Resp	68411
Ion Ratio	Lower	Upper	
156	100		
77	216.9	110.9	332.7
158	98.5	47.7	143.1

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#78

n-propylbenzene

Concen: 17.950 ug/l

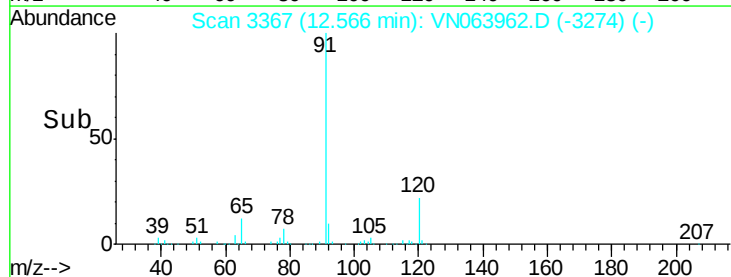
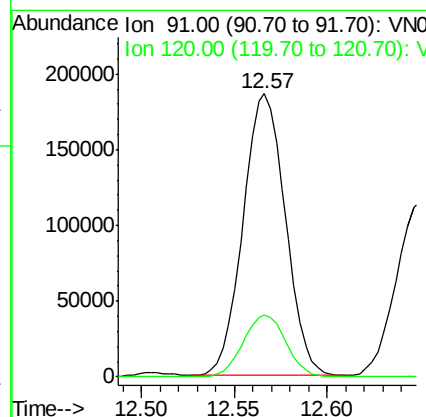
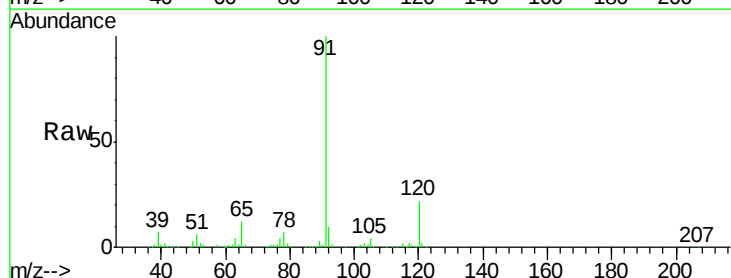
RT: 12.57 min Scan# 3367

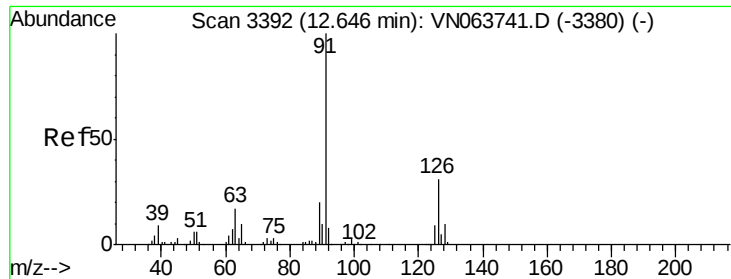
Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Tgt Ion	91	Resp	296029
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.1	33.1





#79

2-Chlorotoluene

Concen: 18.731 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS02

Tot Ion: 91 Resp: 189982

Ion Ratio Lower Upper

91 100

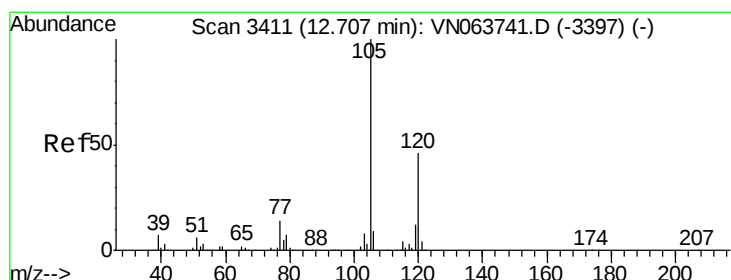
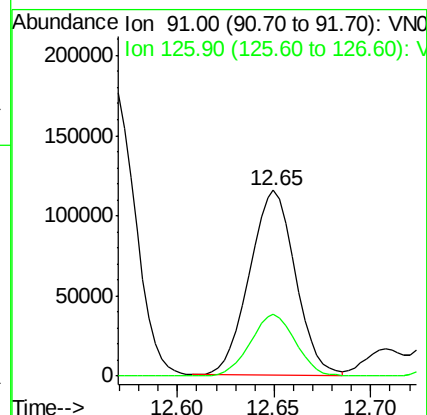
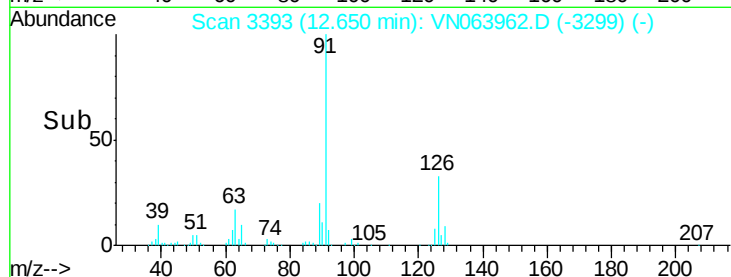
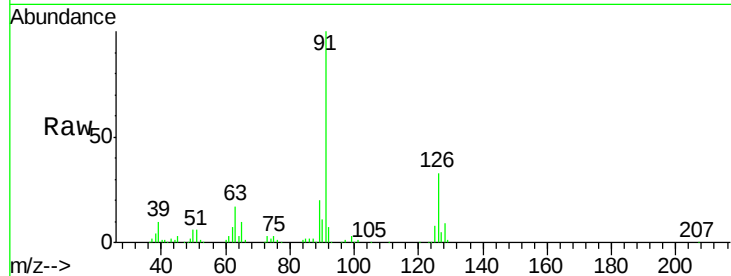
126 32.8 15.9 47.7

Manual Integrations

APPROVED

MMDadoda

10/8/2020 10:09:34 AM



#80

1,3,5-Trimethylbenzene

Concen: 18.720 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063962.D

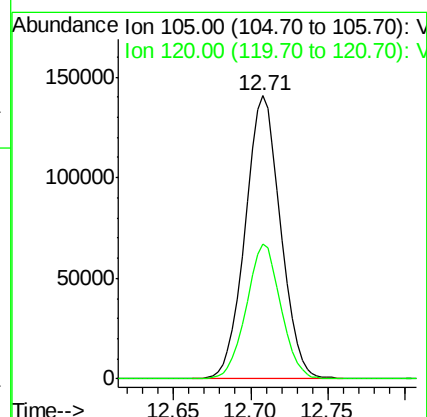
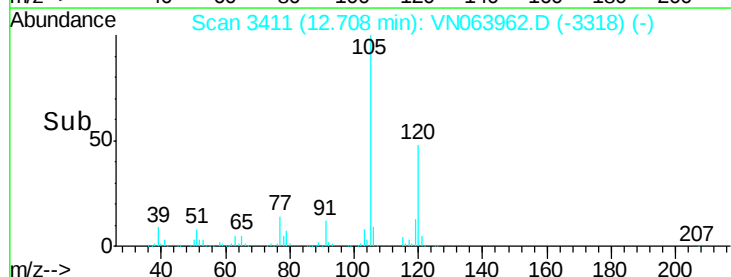
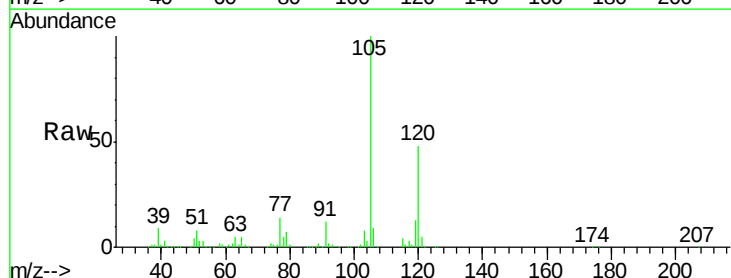
Acq: 8 Oct 2020 00:29

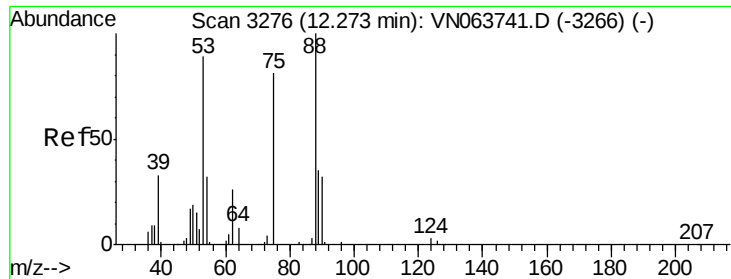
Tgt Ion: 105 Resp: 222551

Ion Ratio Lower Upper

105 100

120 47.1 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 16.946 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

Tot Ion: 75 Resp: 25198

Ion Ratio Lower Upper

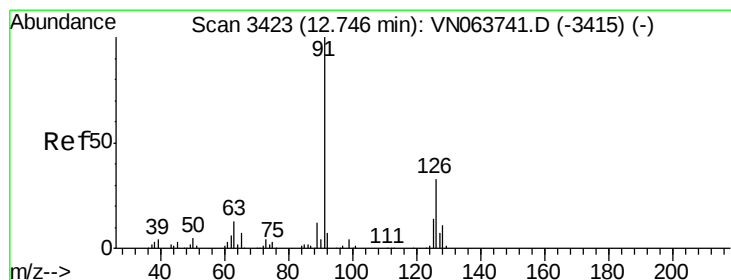
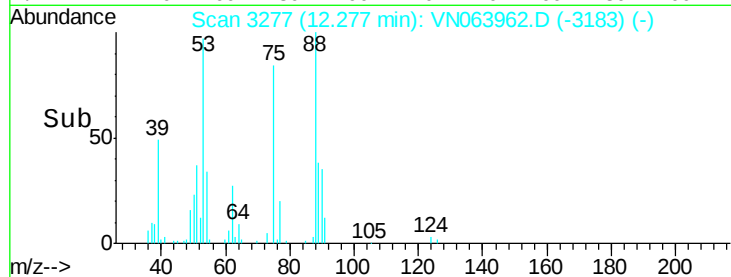
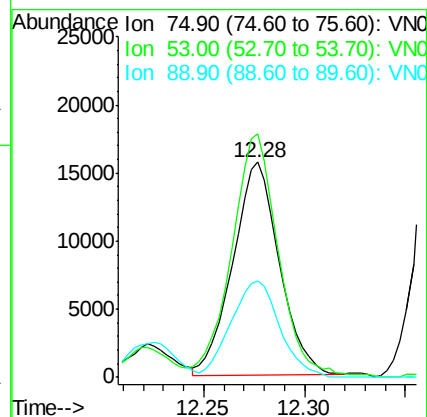
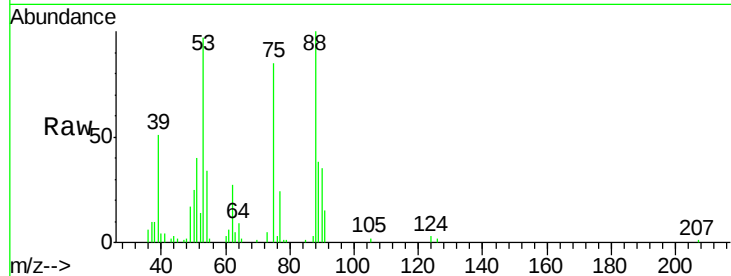
75 100

53 115.6 88.2 132.2

89 47.6 36.0 54.0

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#82

4-Chlorotoluene

Concen: 18.872 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063962.D

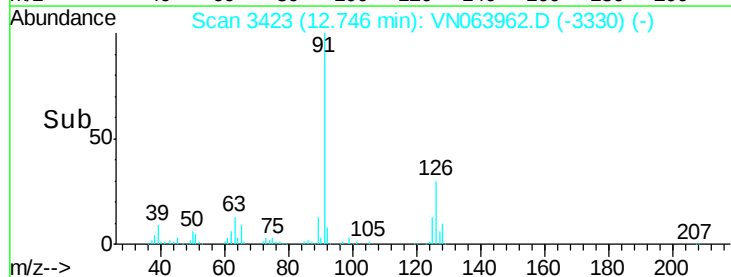
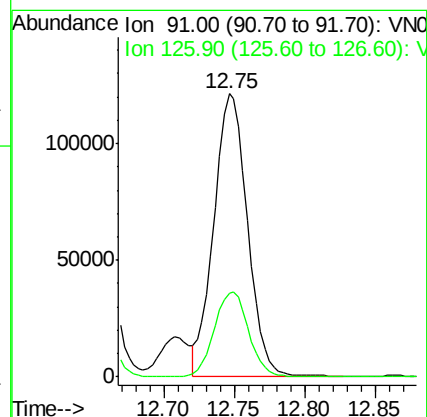
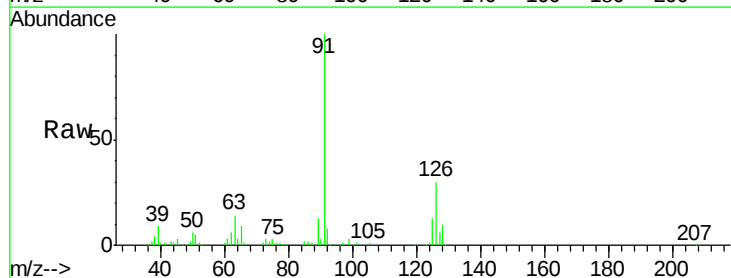
Acq: 8 Oct 2020 00:29

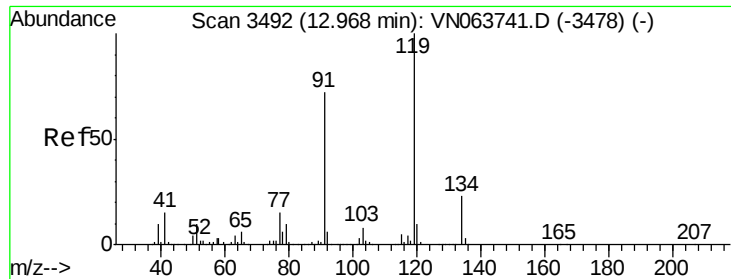
Tgt Ion: 91 Resp: 198708

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.2





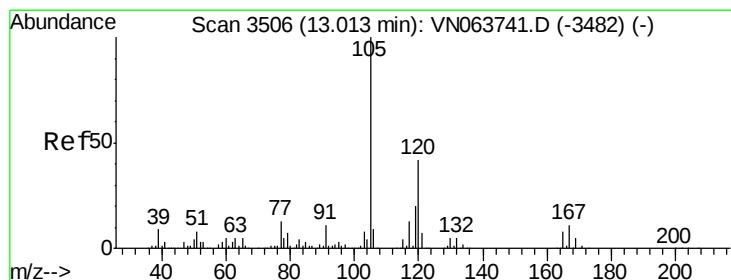
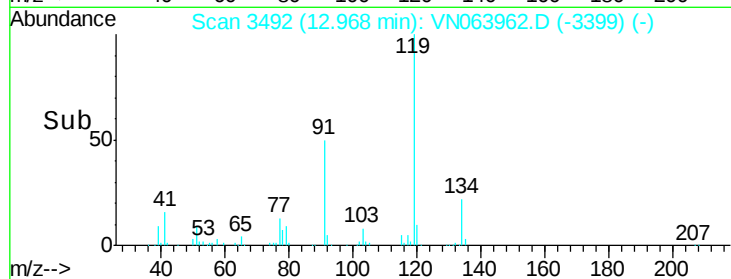
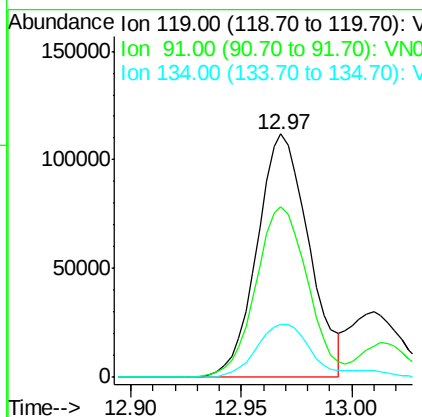
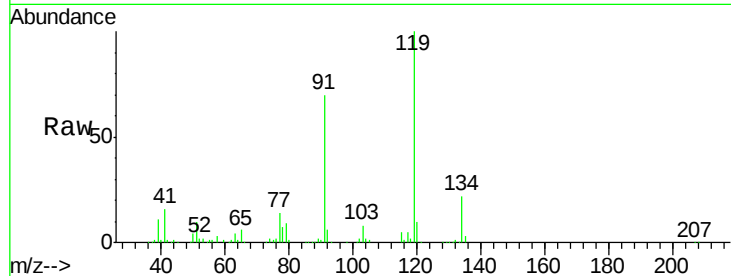
#83
 tert-Butylbenzene
 Concen: 18.699 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.2	35.5	106.5
134	22.5	11.7	35.1

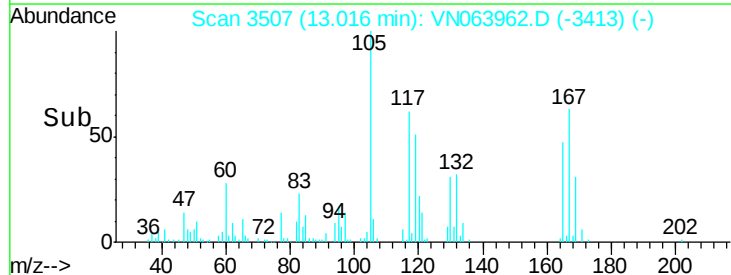
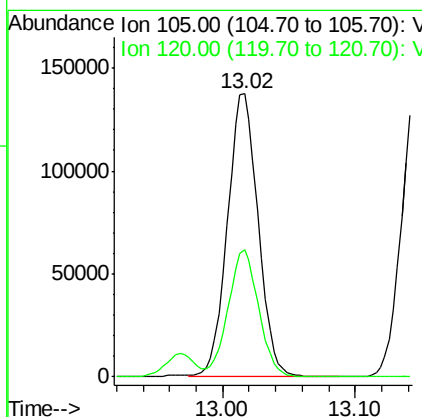
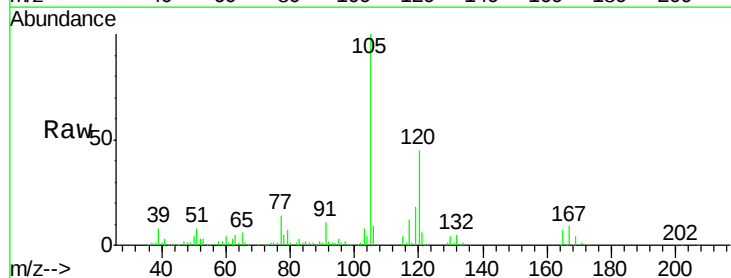
Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:34 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.502 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	20.9	62.7





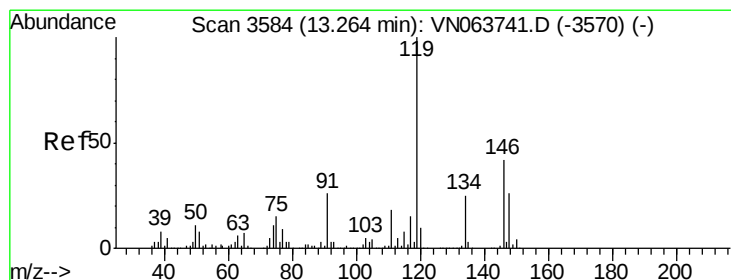
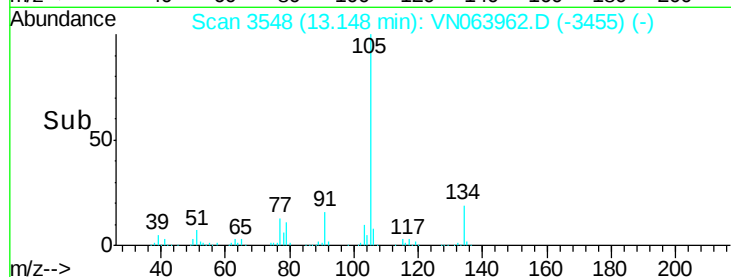
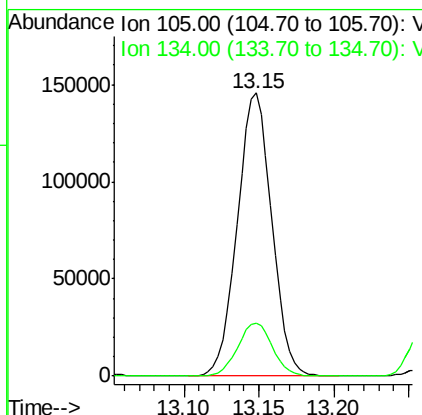
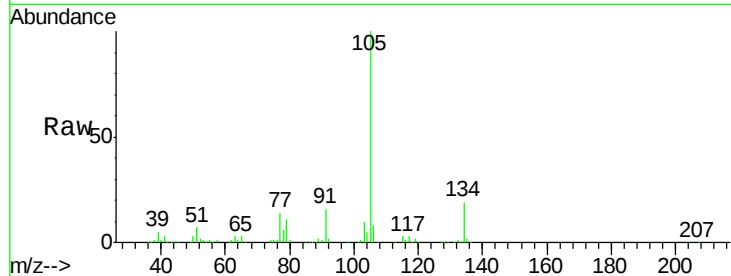
#85
 sec-Butylbenzene
 Concen: 18.144 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.5	28.5

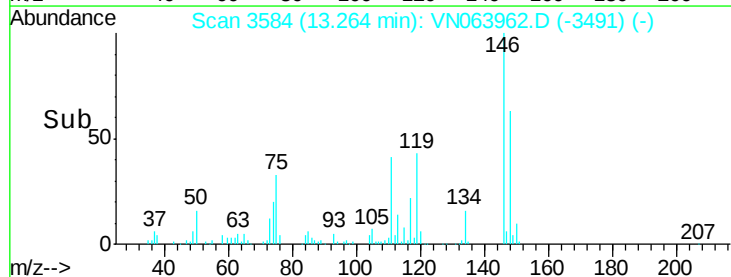
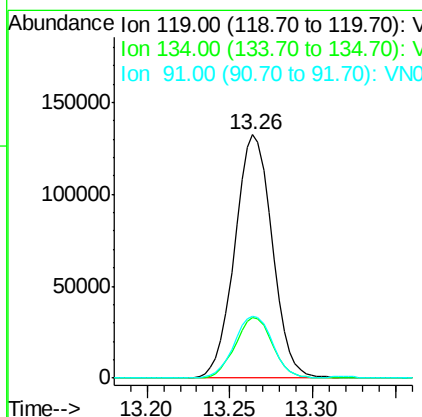
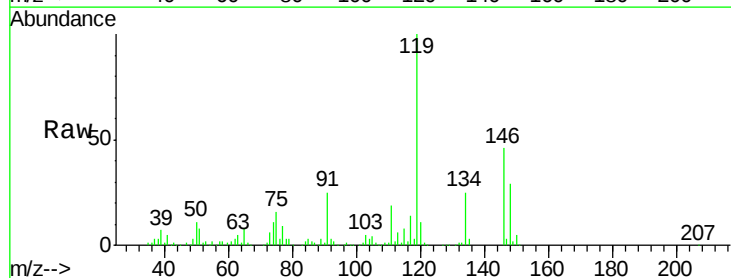
Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:34 AM



#86
 p-Isopropyltoluene
 Concen: 18.419 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.6	37.8
91	26.2	13.4	40.2





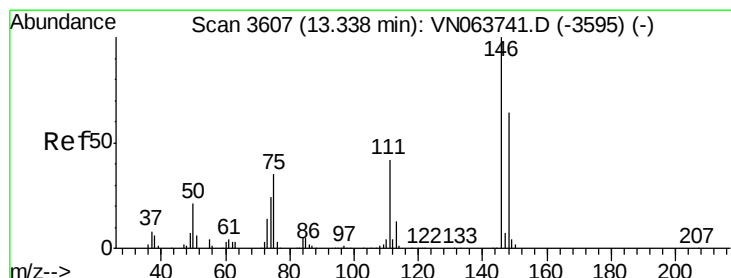
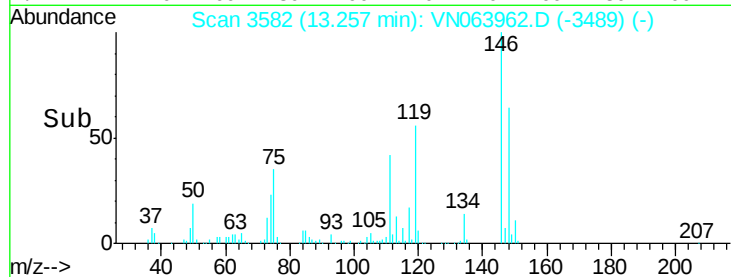
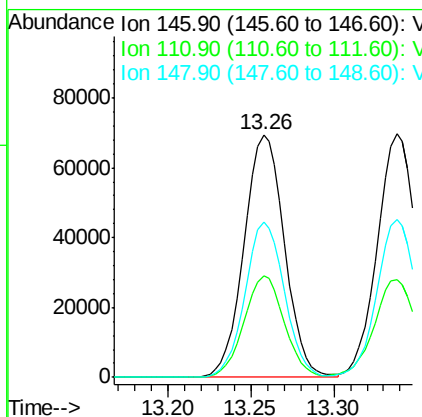
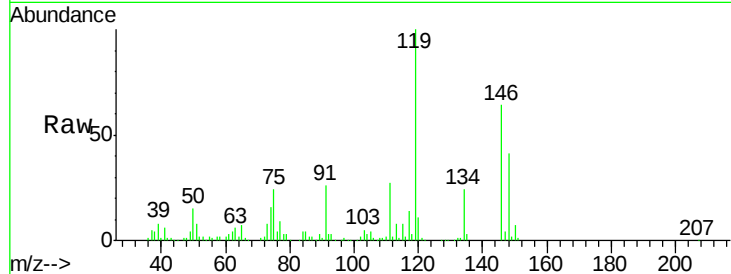
#87
 1,3-Dichlorobenzene
 Concen: 18.701 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	62.4	31.1	93.3

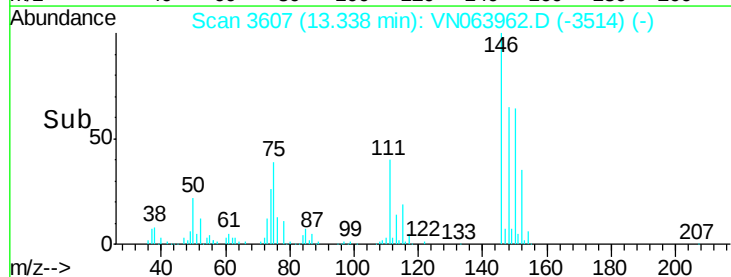
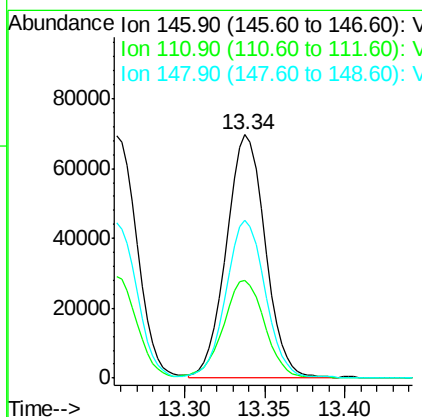
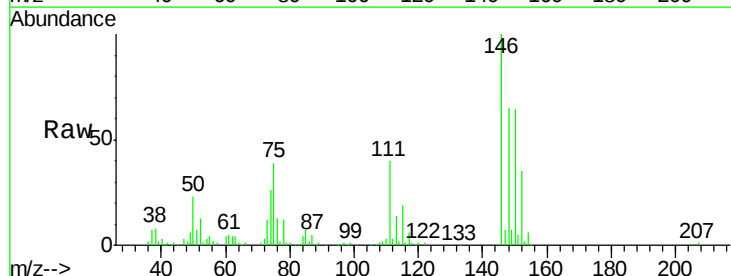
Manual Integrations
 APPROVED

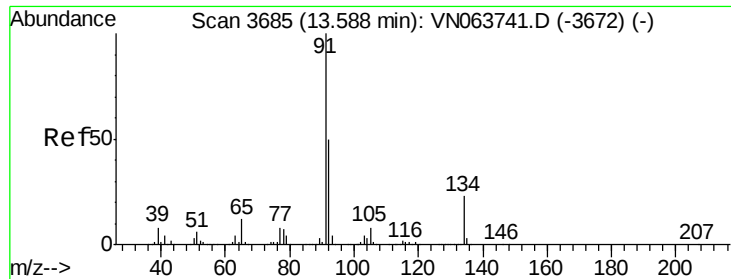
MMDadoda
 10/8/2020 10:09:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.570 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.7
148	66.4	32.0	96.0





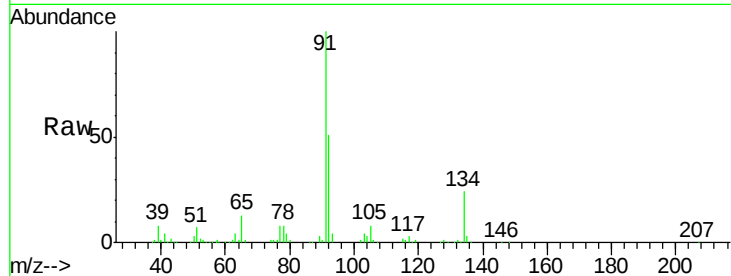
#89
n-Butylbenzene
Concen: 15.980 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

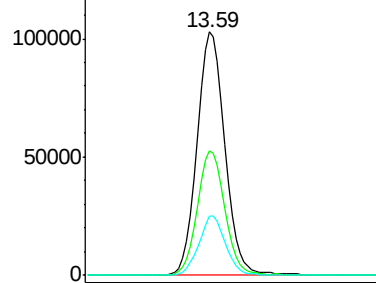
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	25.4	76.4
134	23.5	11.7	35.1

Manual Integrations
APPROVED

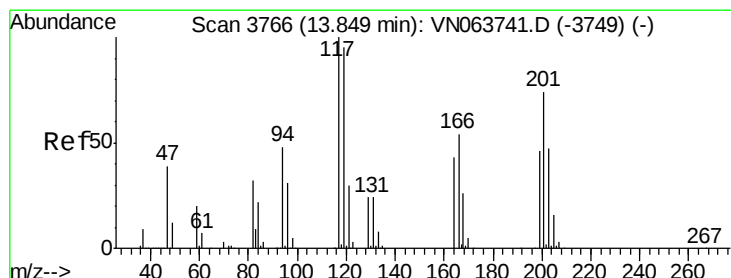
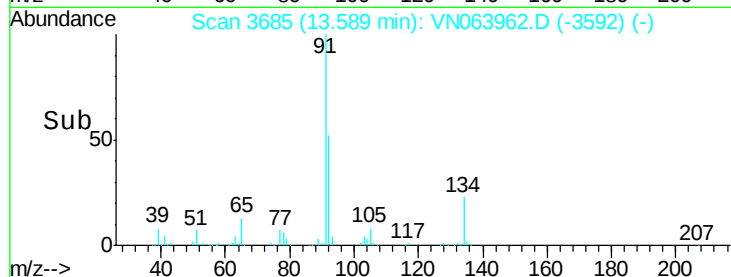
MMDadoda
10/8/2020 10:09:34 AM



Abundance Ion 91.00 (90.70 to 91.70): VN063962.D (-3672) (-)
Ion 92.00 (91.70 to 92.70): VN063962.D (-3672) (-)
Ion 134.00 (133.70 to 134.70): VN063962.D (-3672) (-)

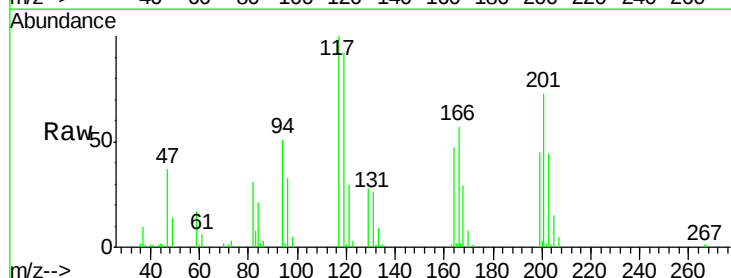


Time--> 13.50 13.60 13.70

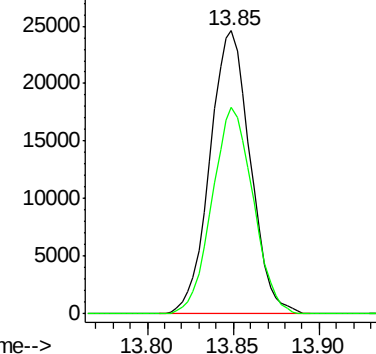


#90
Hexachloroethane
Concen: 18.320 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

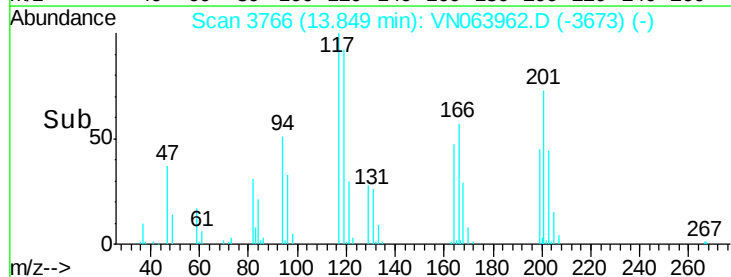
Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.9	36.0	108.0

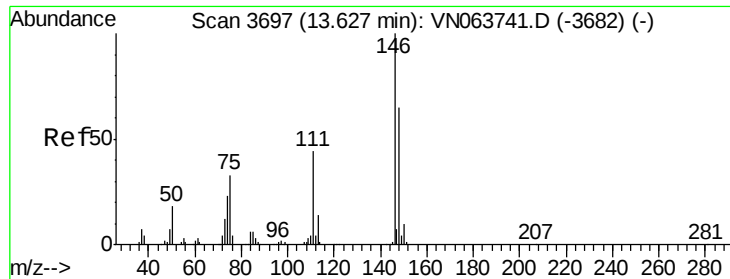


Abundance Ion 116.80 (116.50 to 117.50): VN063962.D (-3673) (-)
Ion 200.70 (200.40 to 201.40): VN063962.D (-3673) (-)



Time--> 13.80 13.85 13.90





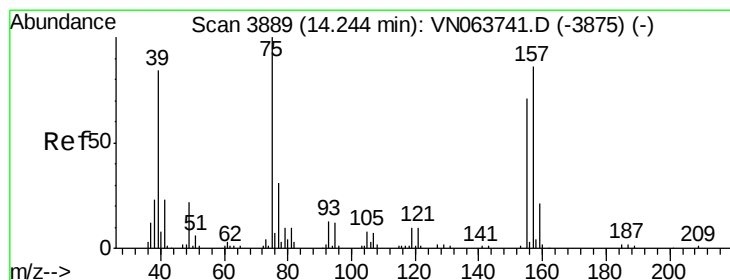
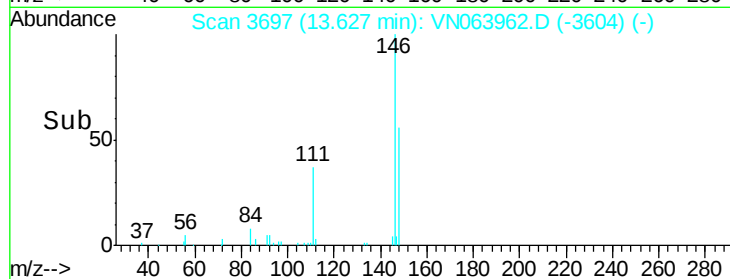
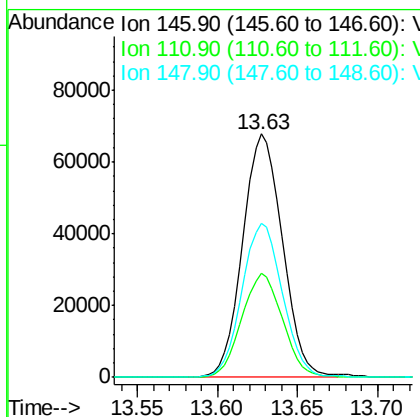
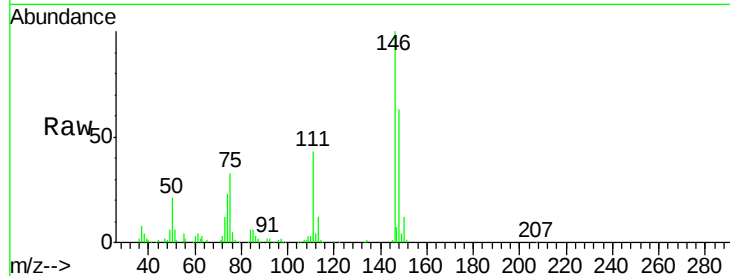
#91
 1,2-Dichlorobenzene
 Concen: 18.510 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.2	66.6
148	64.4	32.5	97.4

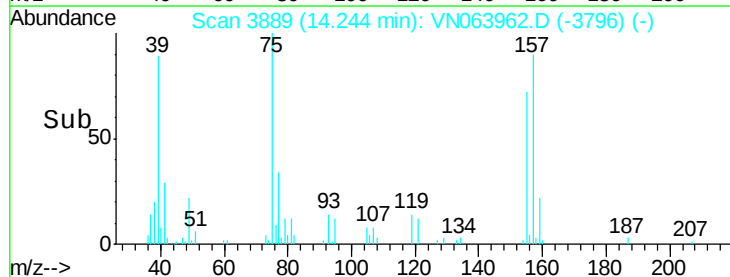
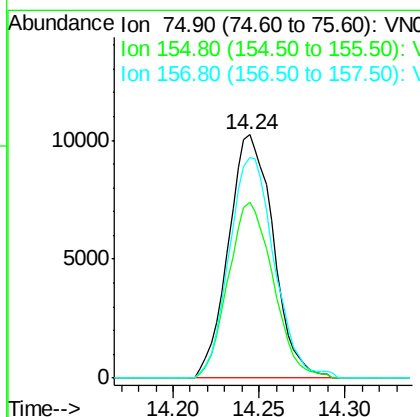
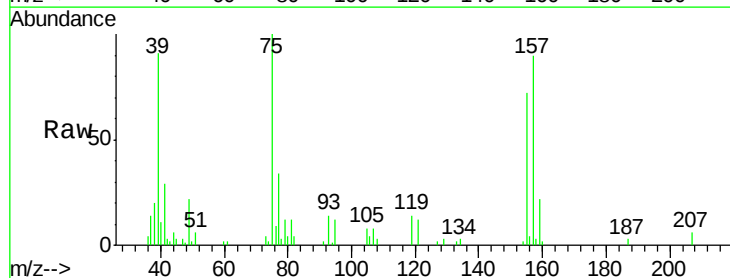
Manual Integrations
 APPROVED

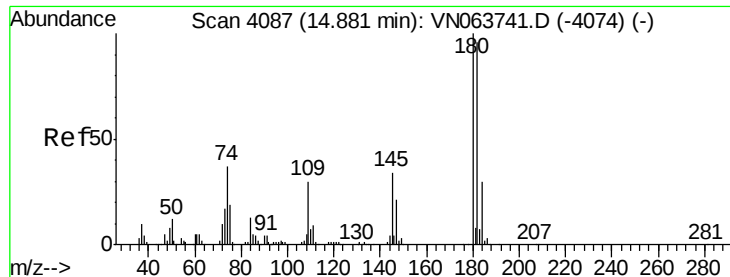
MMDadoda
 10/8/2020 10:09:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.243 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.5	34.8	104.5
157	91.5	43.7	131.1





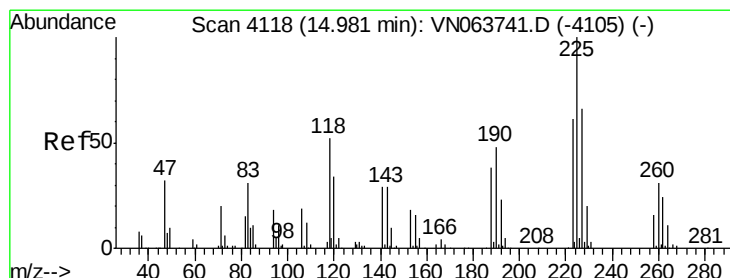
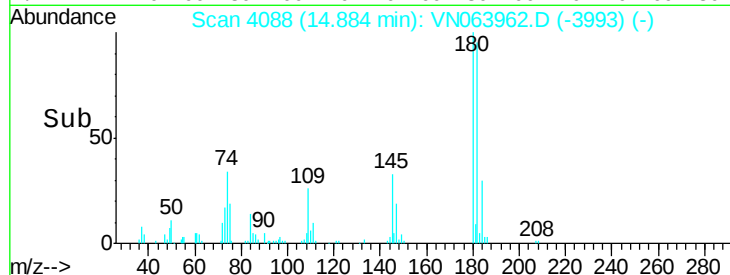
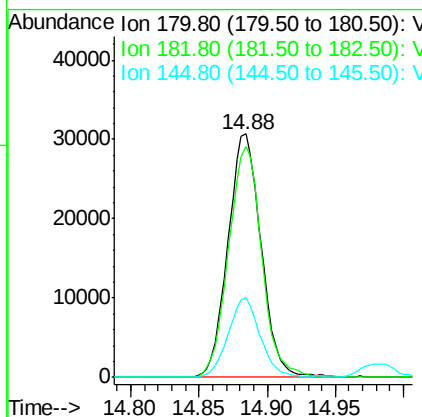
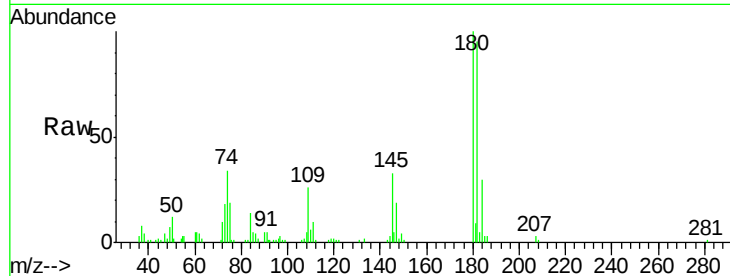
#93
 1,2,4-Trichlorobenzene
 Concen: 16.526 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.2	144.6
145	31.3	17.1	51.2

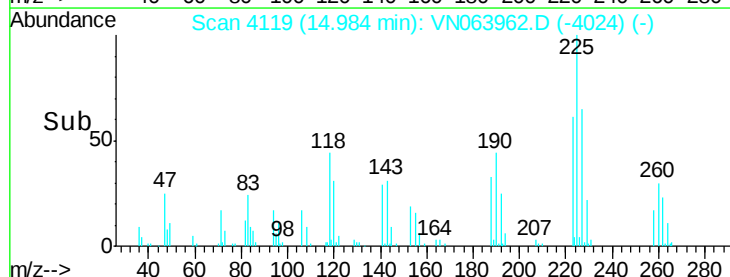
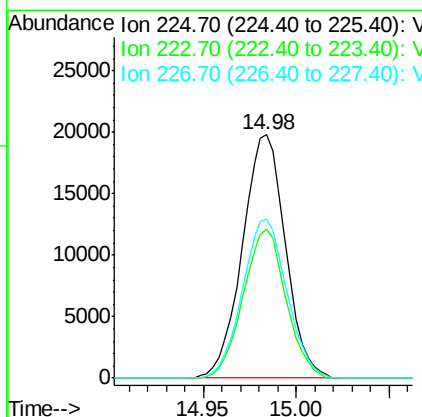
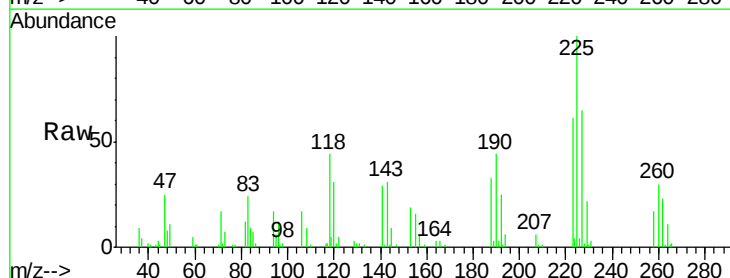
Manual Integrations
 APPROVED

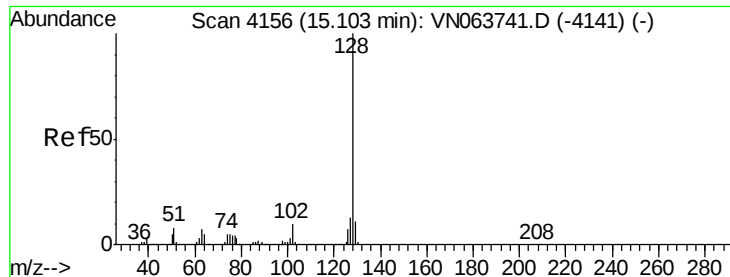
MMDadoda
 10/8/2020 10:09:34 AM



#94
 Hexachlorobutadiene
 Concen: 18.889 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	30.3	91.0
227	67.3	31.9	95.5





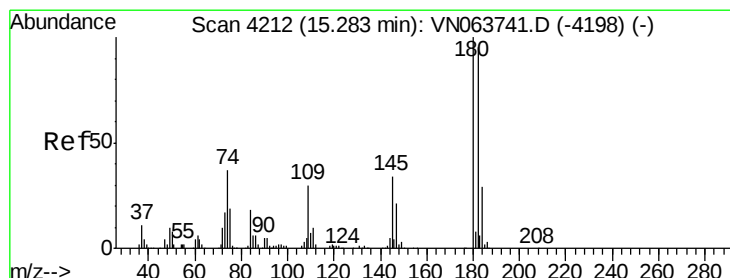
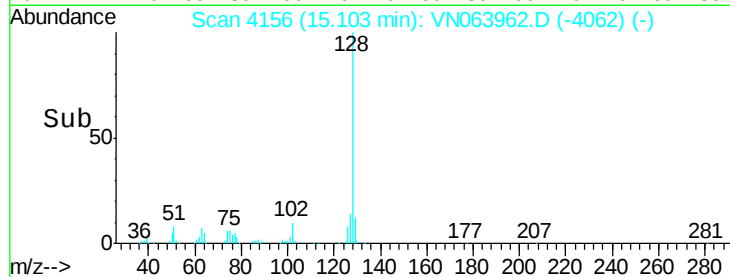
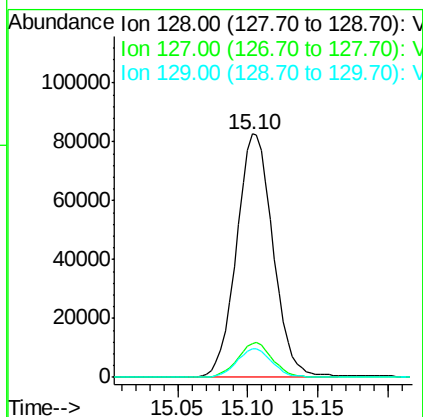
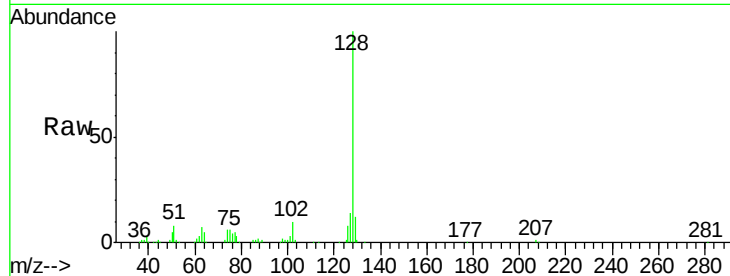
#95
Naphthalene
Concen: 15.702 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 16.655 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.9	143.6
145	34.1	17.2	51.5

