

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063383.D
 Acq On : 16 Sep 2020 23:28
 Operator : JC/MD
 Sample : VN0916WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:44:06 PM

Quant Time: Sep 17 04:54:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	284578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	504399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	455075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219719	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	7.55	113	151155	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
50) Toluene-d8	10.06	98	586111	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
62) 4-Bromofluorobenzene	12.38	95	214895	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	58657	18.194	ug/l	99
3) Chloromethane	2.04	50	77247	18.112	ug/l	99
4) Vinyl Chloride	2.17	62	73303	19.399	ug/l	97
5) Bromomethane	2.54	94	46396	20.679	ug/l	100
6) Chloroethane	2.68	64	43460	18.736	ug/l	99
7) Trichlorofluoromethane	2.99	101	106112	18.822	ug/l	96
8) Diethyl Ether	3.38	74	40939	18.627	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	56549	17.835	ug/l	97
10) Methyl Iodide	3.91	142	75383	18.262	ug/l	99
11) Tert butyl alcohol	4.72	59	57790	86.112	ug/l	99
12) 1,1-Dichloroethene	3.70	96	58918	18.346	ug/l	97
13) Acrolein	3.57	56	27015	108.624	ug/l	97
14) Allyl chloride	4.28	41	114222	17.981	ug/l	100
15) Acrylonitrile	4.93	53	155606	91.154	ug/l	100
16) Acetone	3.77	43	137589	88.376	ug/l	100
17) Carbon Disulfide	4.01	76	169584	18.154	ug/l	98
18) Methyl Acetate	4.28	43	69731	17.643	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	214342	17.908	ug/l	99
20) Methylene Chloride	4.51	84	72097	18.278	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	66637	18.729	ug/l	93
22) Diisopropyl ether	5.90	45	237804	18.356	ug/l	93
23) Vinyl Acetate	5.84	43	981363	92.235	ug/l	99
24) 1,1-Dichloroethane	5.80	63	132674	18.758	ug/l	100
25) 2-Butanone	6.78	43	214462	89.567	ug/l	99
26) 2,2-Dichloropropane	6.78	77	93029	14.939	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	73686	18.297	ug/l	99
28) Bromochloromethane	7.15	49	64049	19.612	ug/l	96
29) Tetrahydrofuran	7.16	42	142798	87.320	ug/l	99
30) Chloroform	7.33	83	130566	18.399	ug/l	95
31) Cyclohexane	7.62	56	119530	17.866	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	115157	18.245	ug/l	99
36) 1,1-Dichloropropene	7.76	75	98893	18.403	ug/l	98
37) Ethyl Acetate	6.88	43	93831	17.791	ug/l	99
38) Carbon Tetrachloride	7.73	117	98572	17.970	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101215	17.355	ug/l	100
40) Benzene	8.00	78	279354	18.211	ug/l	100
41) Methacrylonitrile	7.14	41	43794m	18.462	ug/l	
42) 1,2-Dichloroethane	8.09	62	111127	18.014	ug/l	100
43) Isopropyl Acetate	8.13	43	162503	17.232	ug/l	99
44) Trichloroethene	8.80	130	67329	18.096	ug/l	94
45) 1,2-Dichloropropane	9.08	63	76945	18.417	ug/l	100
46) Dibromomethane	9.18	93	48954	17.828	ug/l	98
47) Bromodichloromethane	9.37	83	103525	18.147	ug/l	99
48) Methyl methacrylate	9.16	41	80798	17.439	ug/l	98
49) 1,4-Dioxane	9.16	88	23132	347.902	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	476833	90.318	ug/l	99
52) Toluene	10.13	92	173482	18.810	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	109749	17.233	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	119201	17.745	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	68724	18.760	ug/l	98
56) Ethyl methacrylate	10.40	69	103025	18.015	ug/l	98
57) 1,3-Dichloropropane	10.68	76	120009	18.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	269117	89.705	ug/l	99
59) 2-Hexanone	10.72	43	341251	89.219	ug/l	99
60) Dibromochloromethane	10.87	129	72759	17.581	ug/l	98
61) 1,2-Dibromoethane	10.98	107	69451	18.248	ug/l	99
64) Tetrachloroethene	10.60	164	59477	19.194	ug/l	96
65) Chlorobenzene	11.41	112	176482	18.269	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	67432	19.043	ug/l	100
67) Ethyl Benzene	11.48	91	339073	18.639	ug/l	98
68) m/p-Xylenes	11.59	106	245308	37.400	ug/l	96
69) o-Xylene	11.92	106	117193	18.757	ug/l	99
70) Styrene	11.94	104	196053	18.711	ug/l	99
71) Bromoform	12.10	173	47364	17.955	ug/l #	98
73) Isopropylbenzene	12.23	105	317176	18.884	ug/l	99
74) N-amyl acetate	12.05	43	144410	18.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	97812	18.808	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	88676m	17.093	ug/l	
77) Bromobenzene	12.50	156	73940	19.571	ug/l	96
78) n-propylbenzene	12.57	91	368216	18.823	ug/l	99
79) 2-Chlorotoluene	12.65	91	222983	19.015	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	266960	19.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	31450	16.621	ug/l	98
82) 4-Chlorotoluene	12.75	91	231983	18.723	ug/l	99
83) tert-Butylbenzene	12.97	119	218910	18.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	266311	18.825	ug/l	98
85) sec-Butylbenzene	13.15	105	291142	18.816	ug/l	99
86) p-Isopropyltoluene	13.26	119	252797	18.524	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	131402	18.765	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	132565	18.620	ug/l	98
89) n-Butylbenzene	13.59	91	228153	18.137	ug/l	99
90) Hexachloroethane	13.85	117	46179	17.770	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	130078	18.921	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21543	17.396	ug/l	95

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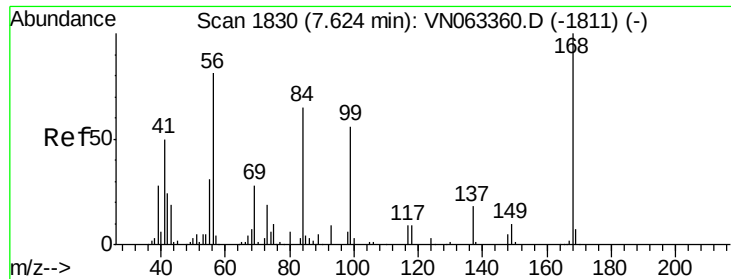
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72826	17.968	ug/l	99
94) Hexachlorobutadiene	14.98	225	29347	17.490	ug/l	95
95) Naphthalene	15.10	128	235111	17.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	69852	17.837	ug/l	99

(#) = 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: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBS02

Tot Ion:168 Resp: 284578

Ion Ratio Lower Upper

168 100

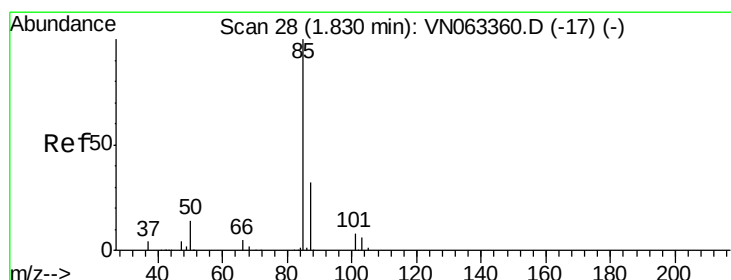
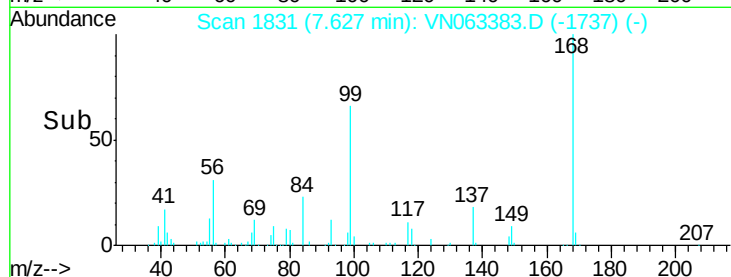
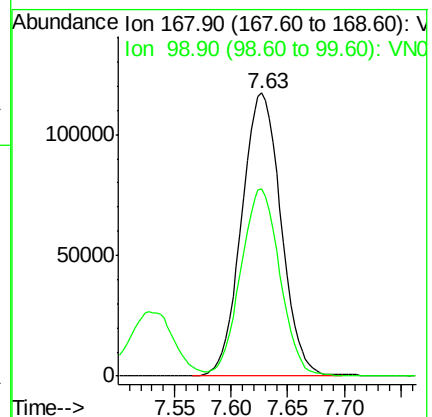
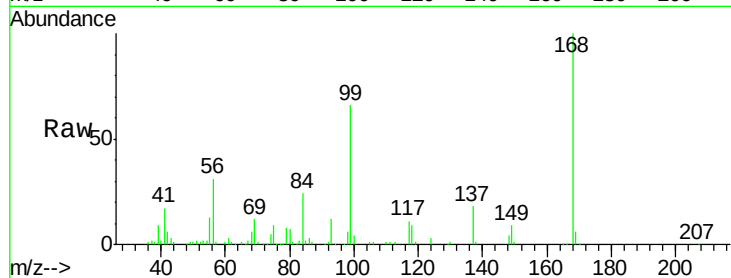
99 65.7 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.194 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063383.D

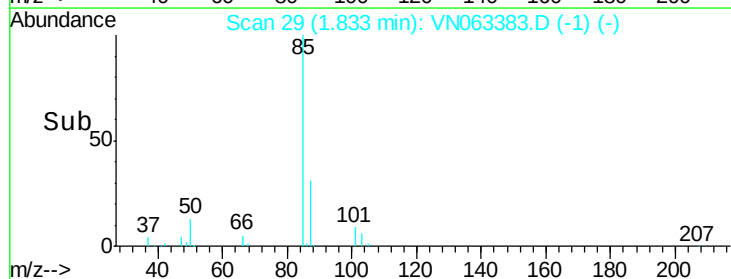
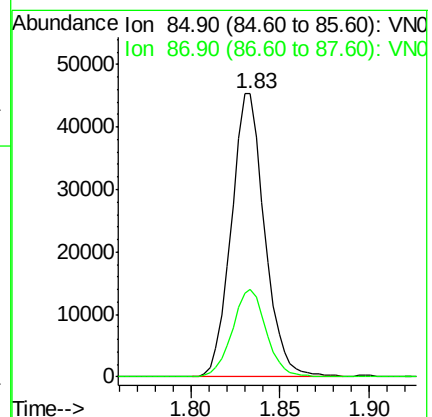
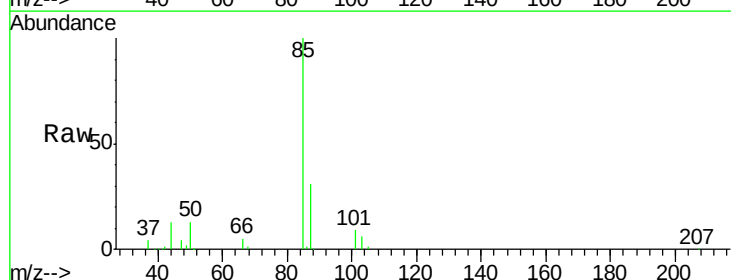
Acq: 16 Sep 2020 23:28

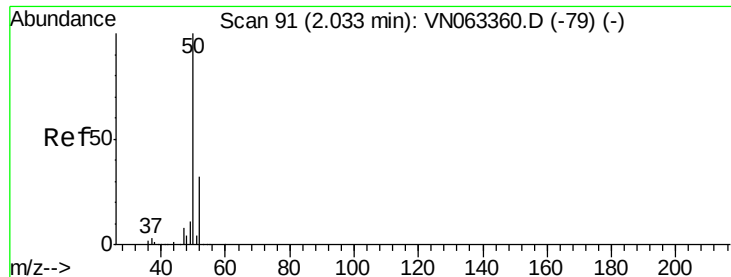
Tgt Ion: 85 Resp: 58657

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6





#3

Chloromethane

Concen: 18.112 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBS02

Tot Ion: 50 Resp: 77247

Ion Ratio Lower Upper

50 100

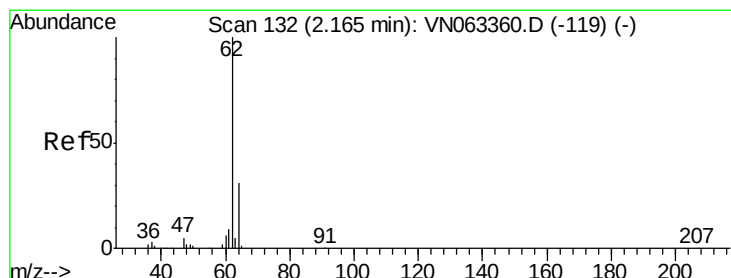
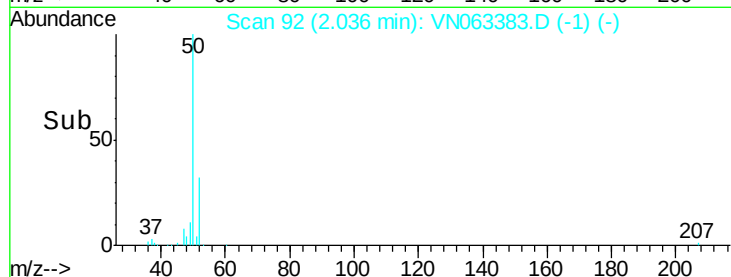
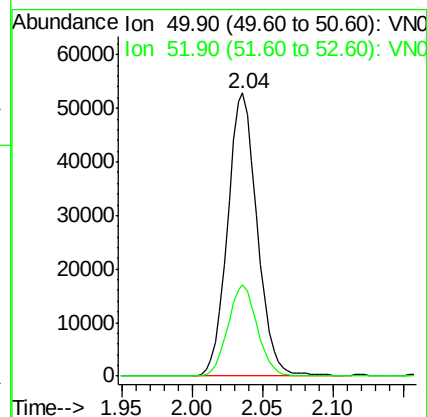
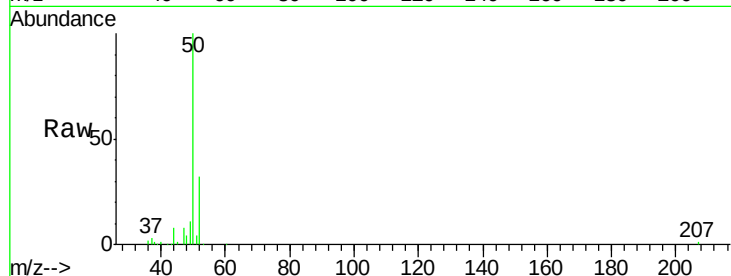
52 32.1 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.399 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063383.D

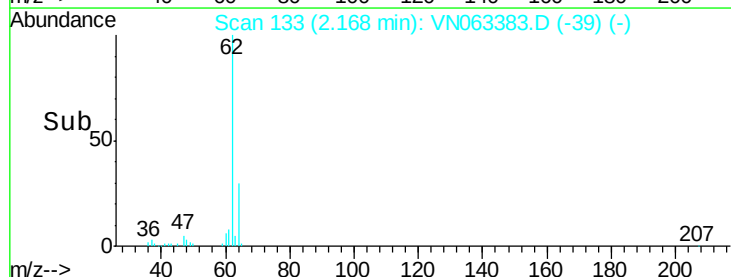
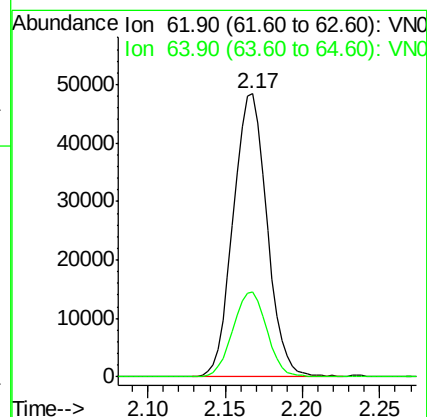
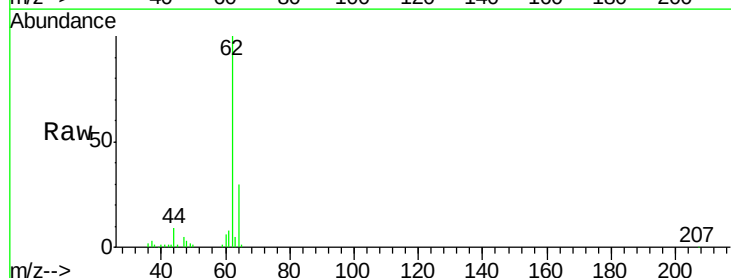
Acq: 16 Sep 2020 23:28

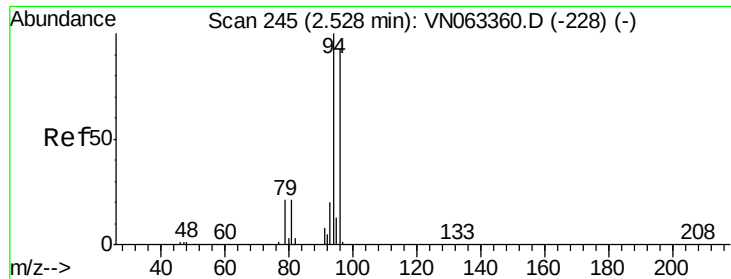
Tgt Ion: 62 Resp: 73303

Ion Ratio Lower Upper

62 100

64 29.9 25.1 37.7





#5

Bromomethane

Concen: 20.679 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

ClientSampled :

VN0916WBS02

Tot Ion: 94 Resp: 46396

Ion Ratio Lower Upper

94 100

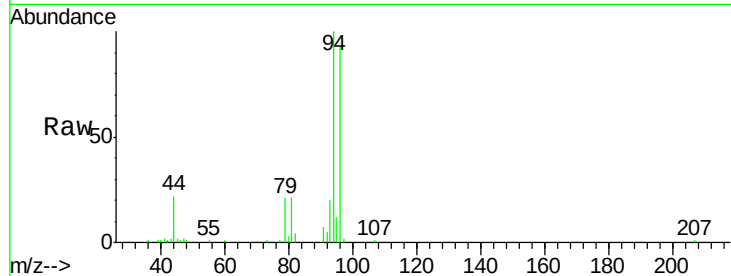
96 93.2 74.5 111.7

Manual Integrations

APPROVED

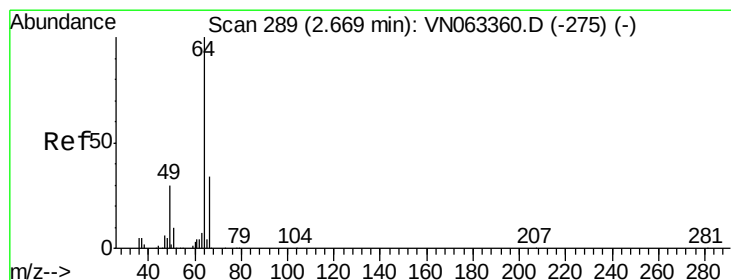
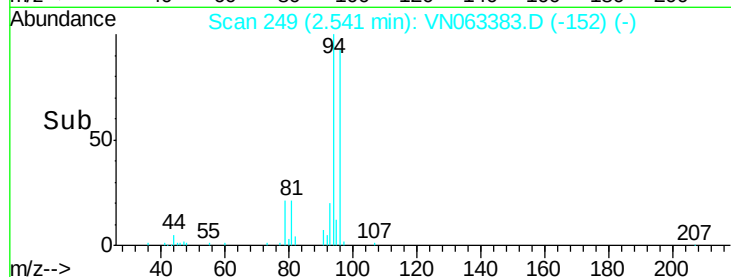
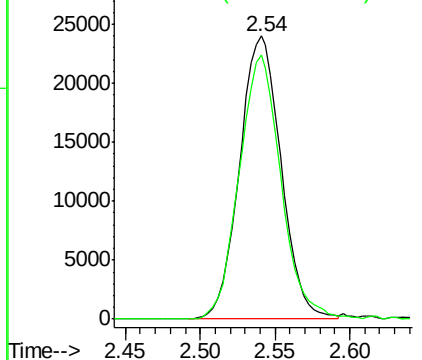
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.736 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063383.D

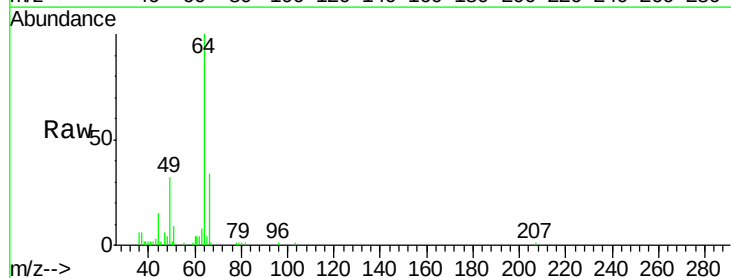
Acq: 16 Sep 2020 23:28

Tgt Ion: 64 Resp: 43460

Ion Ratio Lower Upper

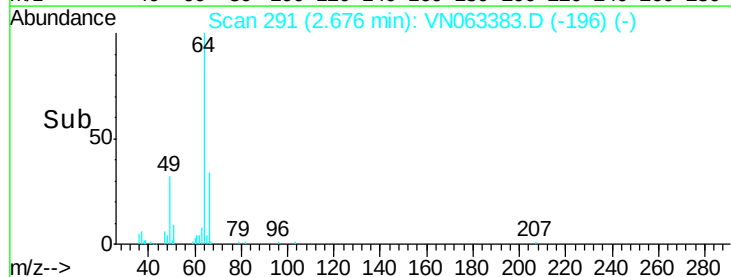
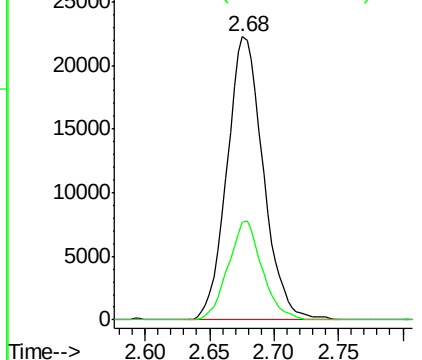
64 100

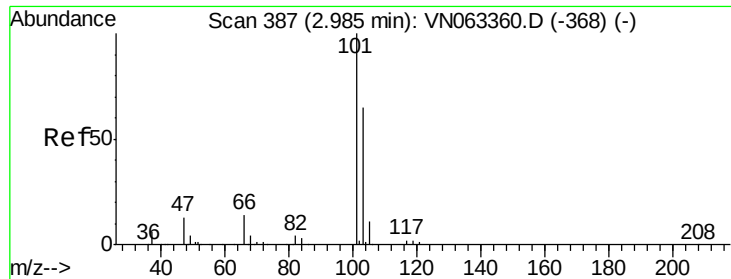
66 34.4 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

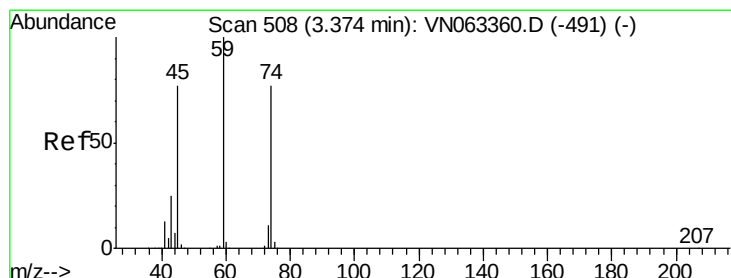
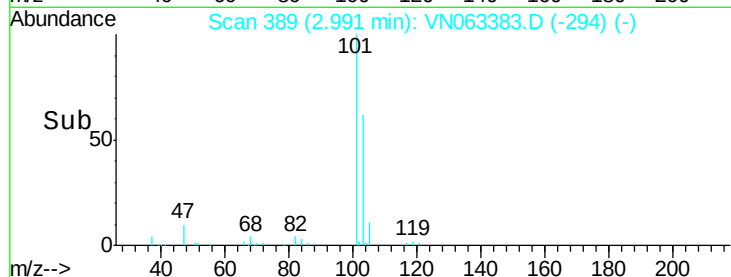
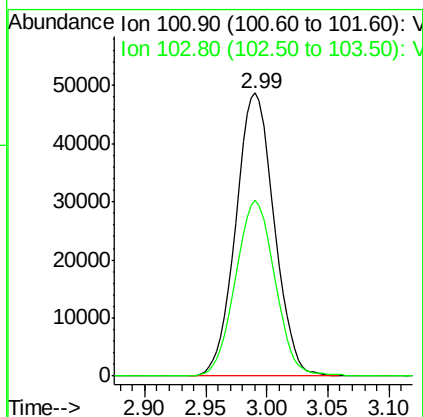
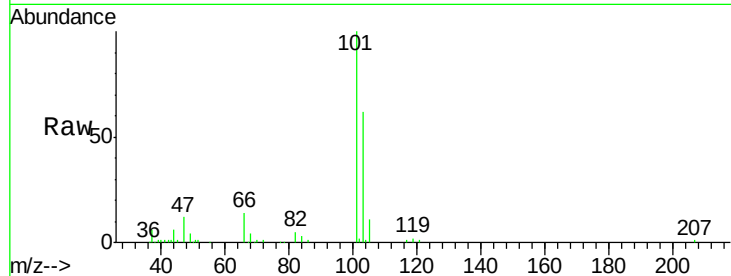
Trichlorofluoromethane
Concen: 18.822 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.01 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.3	78.5

Manual Integrations
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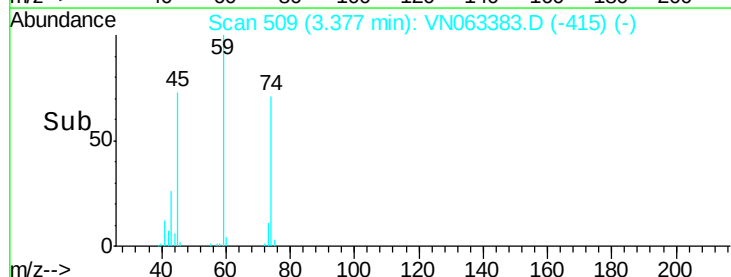
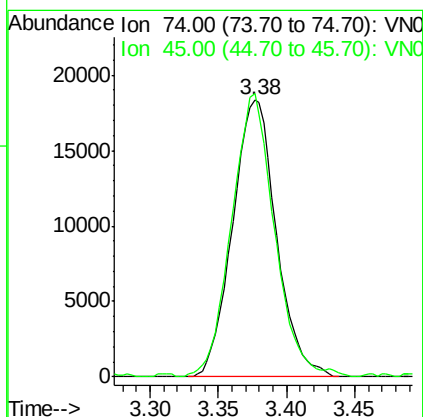
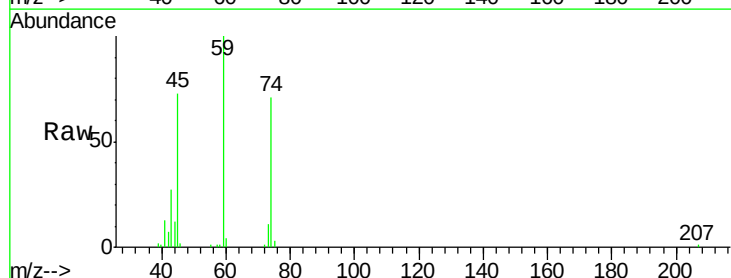
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9/17/2020 1:44:06 PM

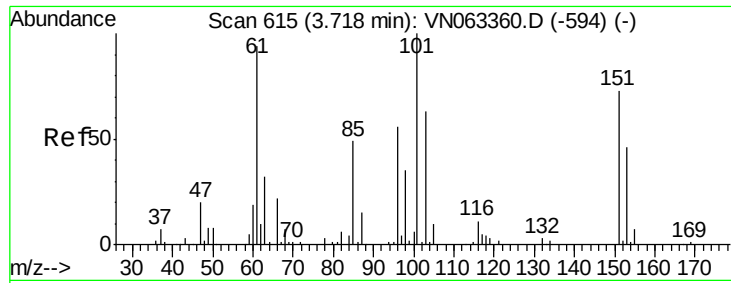


#8

Diethyl Ether
Concen: 18.627 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	52.1	156.4





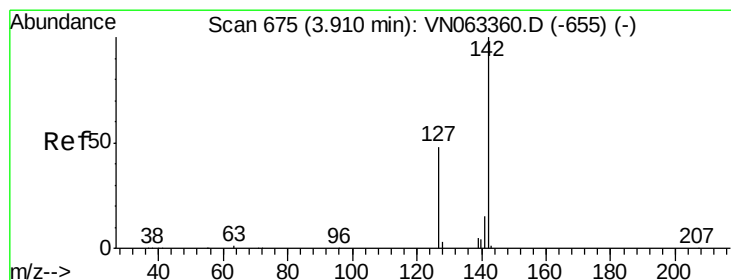
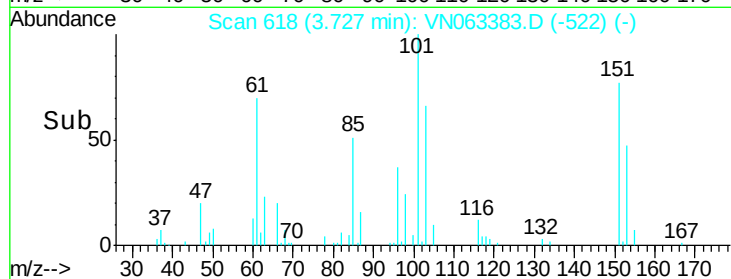
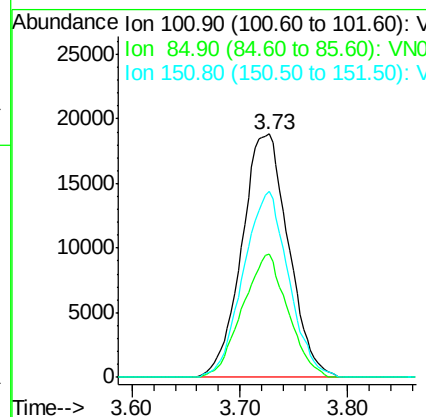
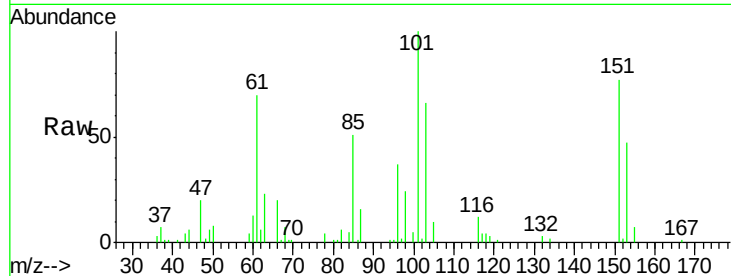
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.835 ug/l
RT: 3.73 min Scan# 618
Delta R.T. 0.01 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
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ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	49.2	37.7	56.5
151	74.0	57.7	86.5

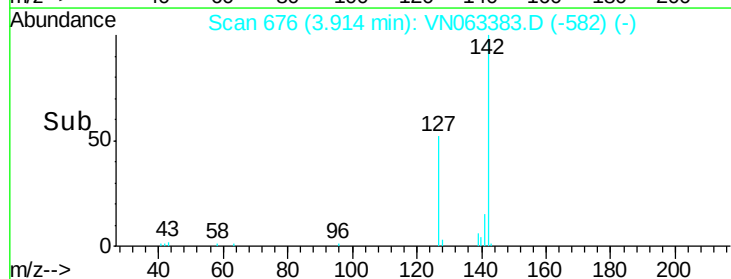
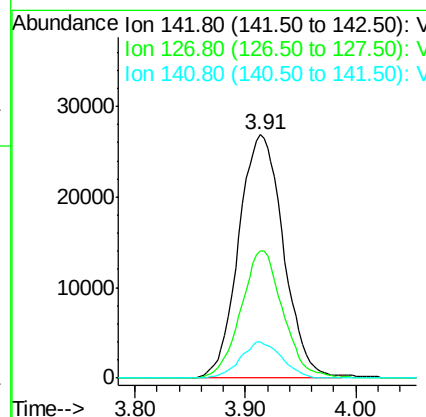
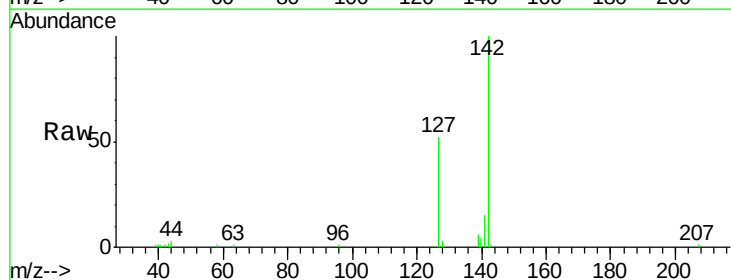
Manual Integrations
APPROVED

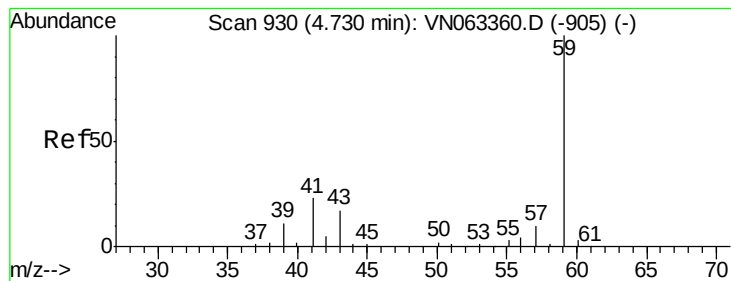
MMDadoda
9/17/2020 1:44:06 PM



#10
Methyl Iodide
Concen: 18.262 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.2	39.0	58.6
141	13.8	11.6	17.4





#11

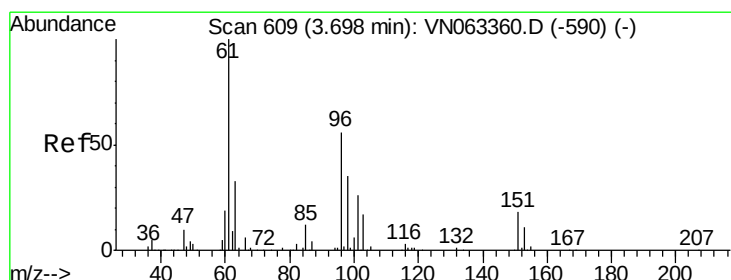
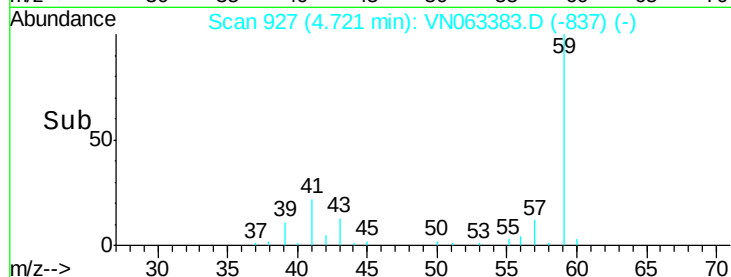
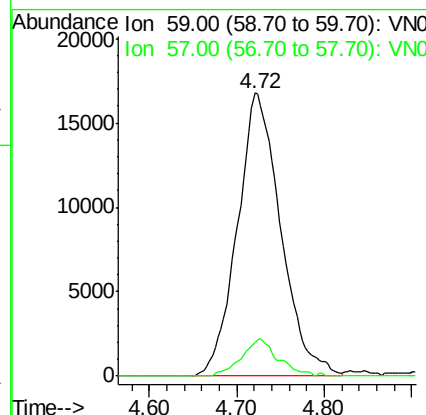
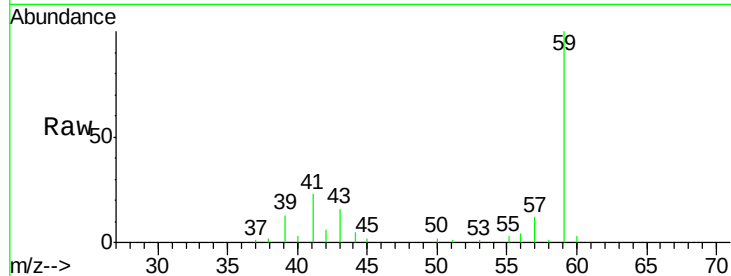
Tert butyl alcohol
 Concen: 86.112 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

Manual Integrations
 APPROVED

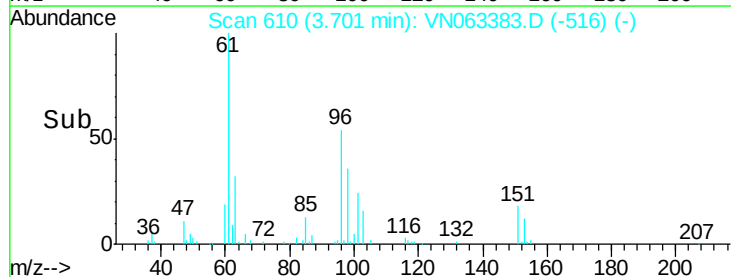
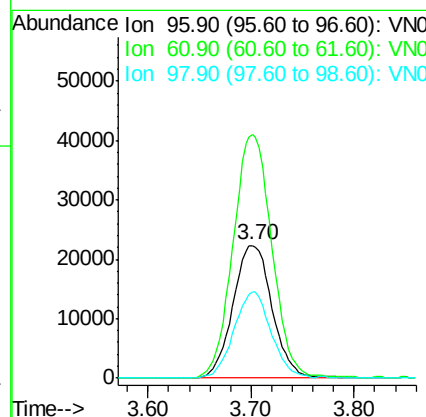
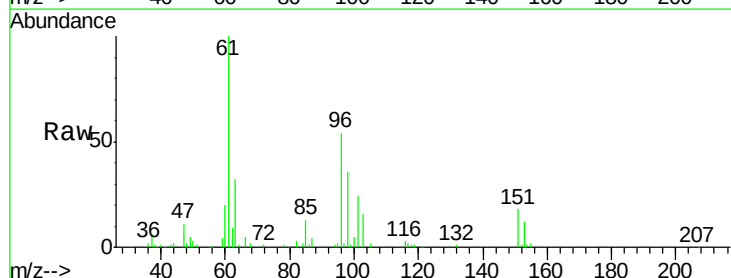
MMDadoda
 9/17/2020 1:44:06 PM

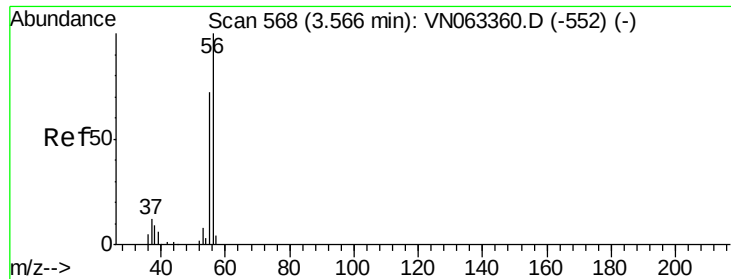


#12

1,1-Dichloroethene
 Concen: 18.346 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.7	143.4	215.2
98	65.5	50.6	76.0





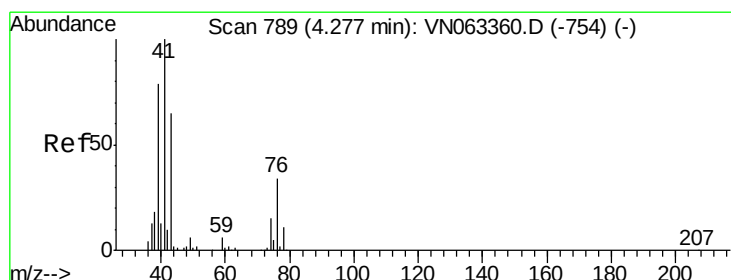
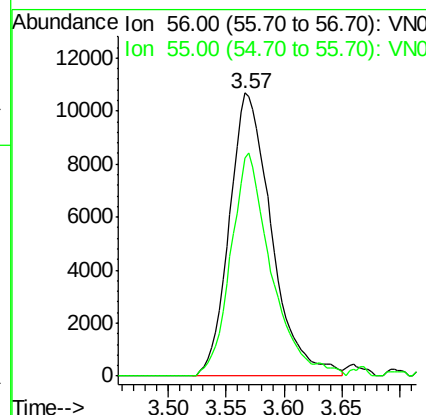
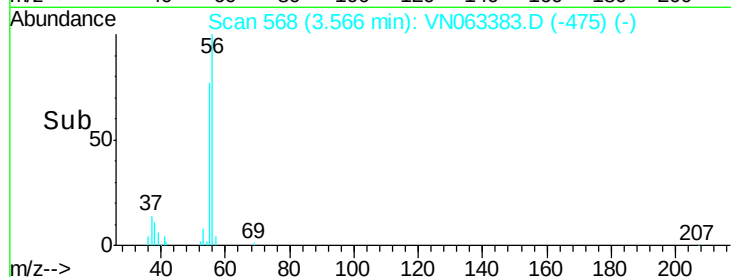
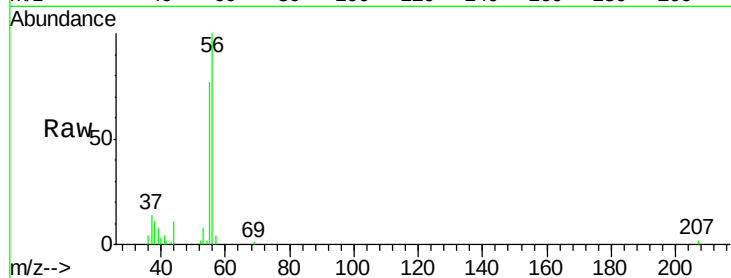
#13
Acrolein
Concen: 108.624 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	75.5	58.2	87.2

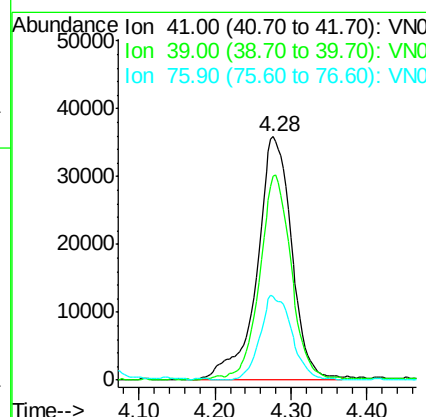
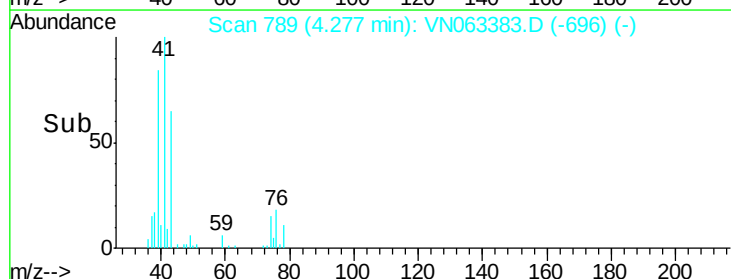
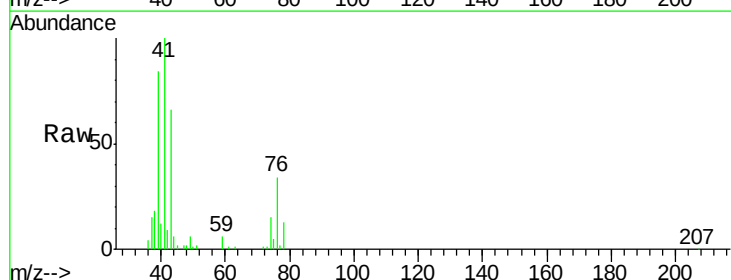
Manual Integrations
APPROVED

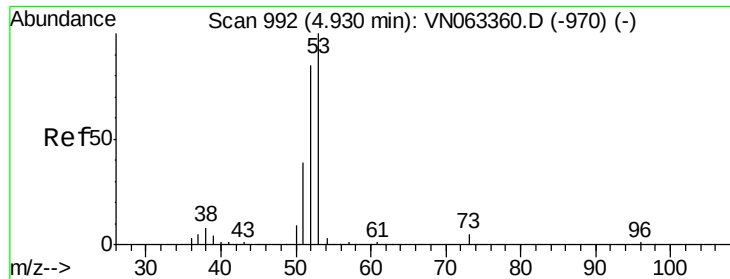
MMDadoda
9/17/2020 1:44:06 PM



#14
Allyl chloride
Concen: 17.981 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	73.8	59.3	88.9
76	76	31.8	25.3	37.9





#15

Acrylonitrile

Concen: 91.154 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

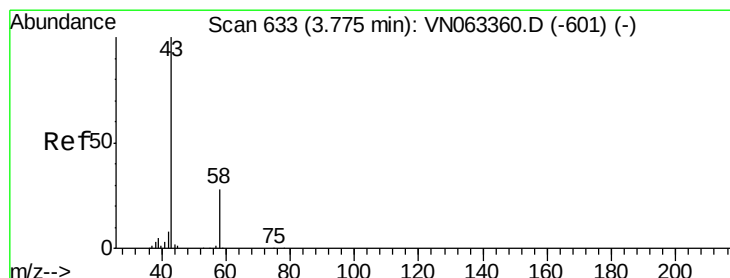
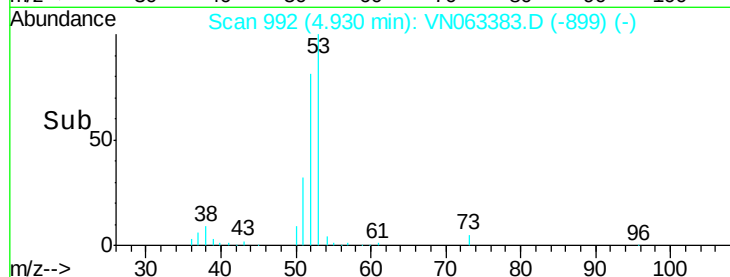
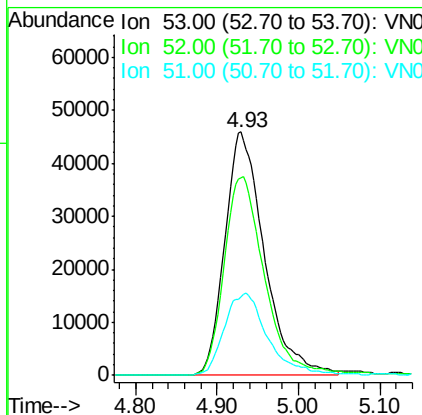
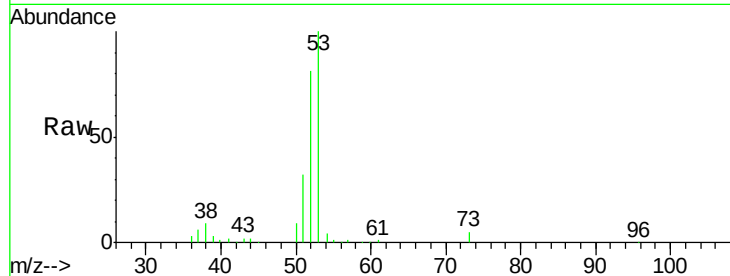
ClientSampleId :

VN0916WBS02

Tot Ion:	53	Resp:	155606
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.4	99.6
51	37.4	30.2	45.4

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:44:06 PM



#16

Acetone

Concen: 88.376 ug/l

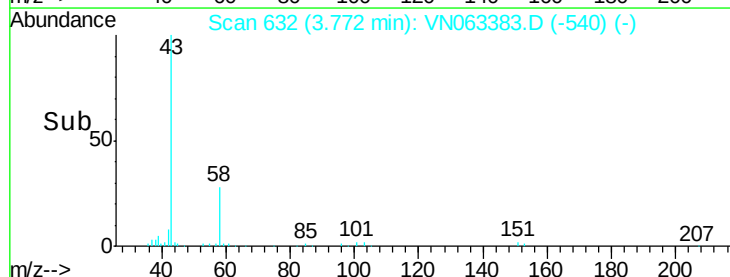
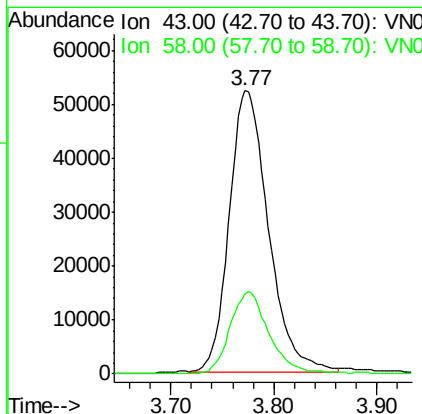
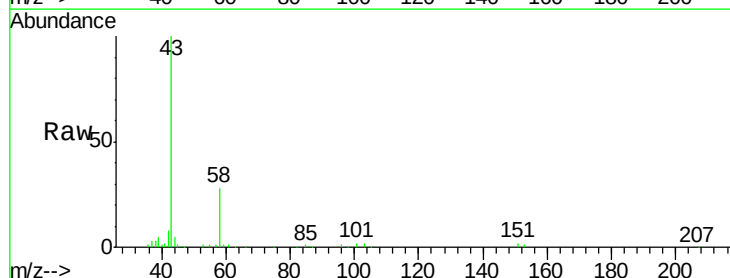
RT: 3.77 min Scan# 632

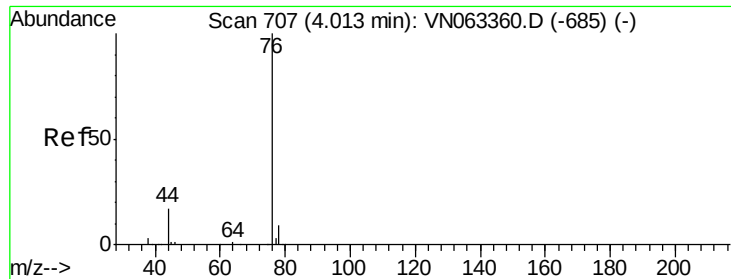
Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Tgt Ion:	43	Resp:	137589
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.3	33.5





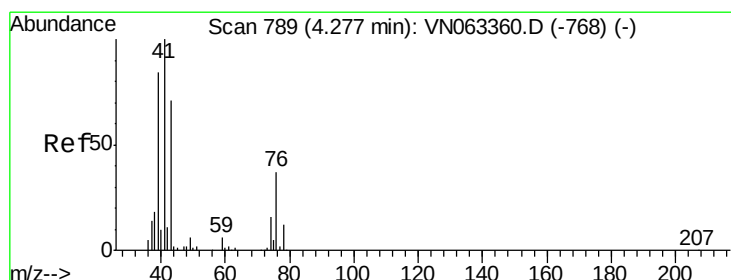
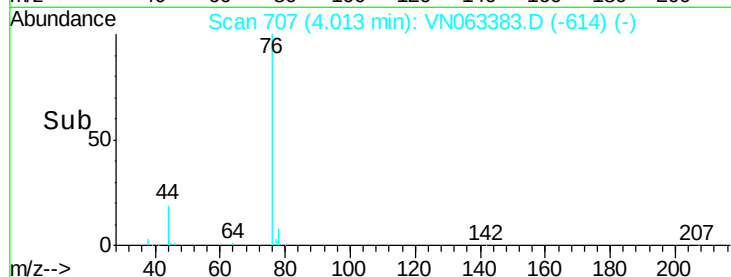
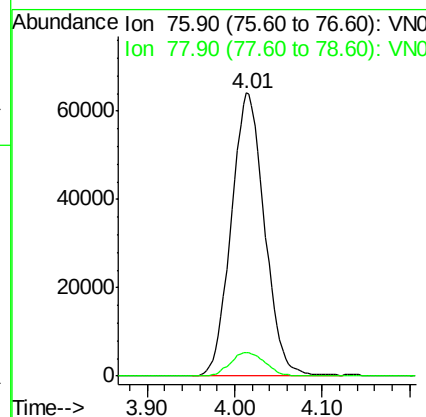
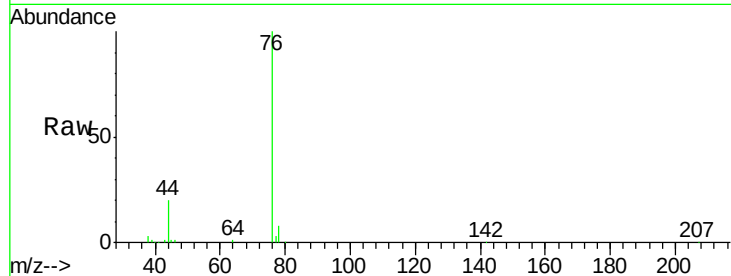
#17
Carbon Disulfide
Concen: 18.154 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion: 76 Resp: 169584
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

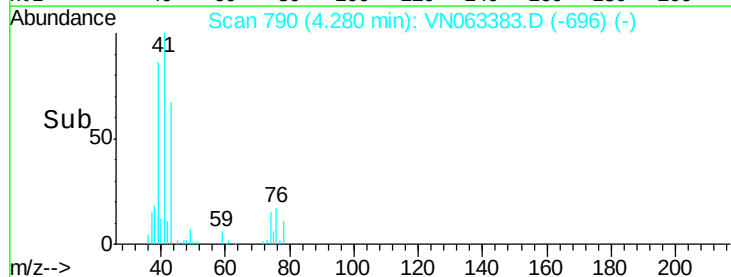
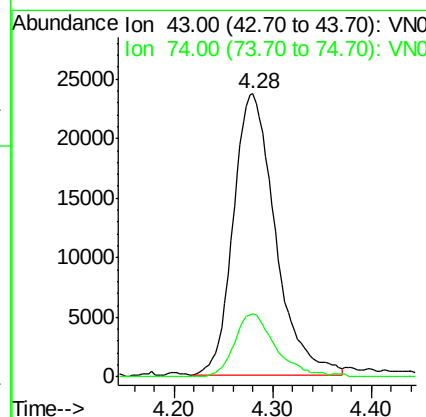
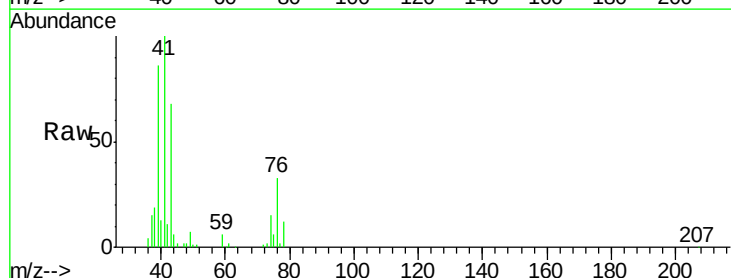
Manual Integrations
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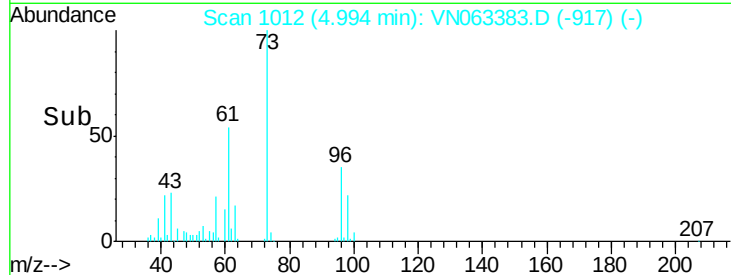
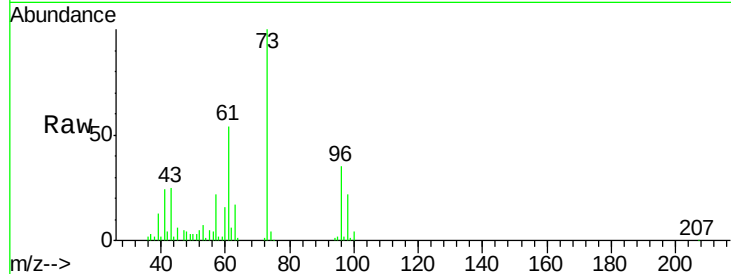
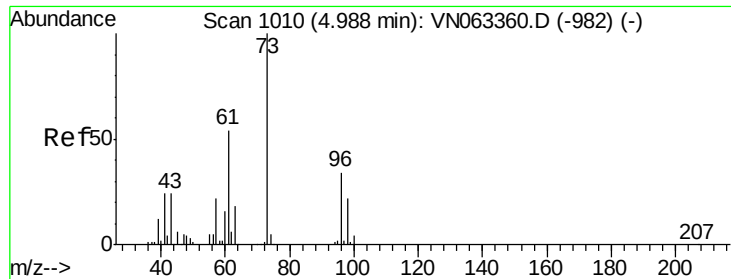
MMDadoda
9/17/2020 1:44:06 PM



#18
Methyl Acetate
Concen: 17.643 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion: 43 Resp: 69731
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.2





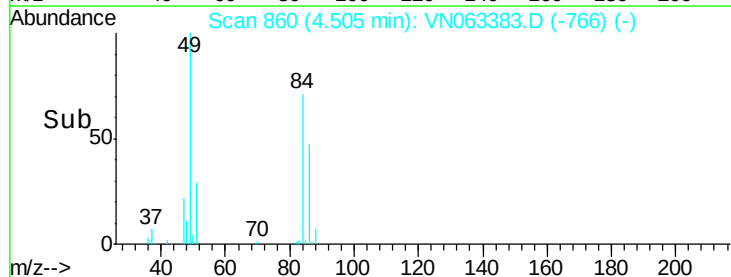
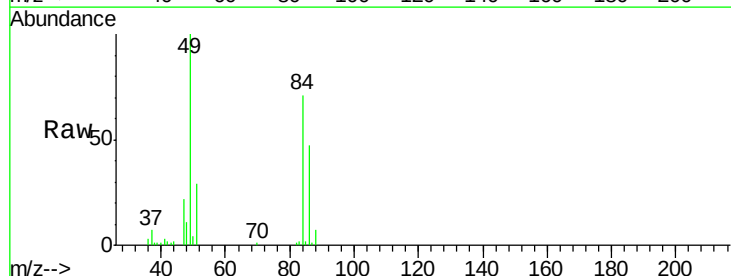
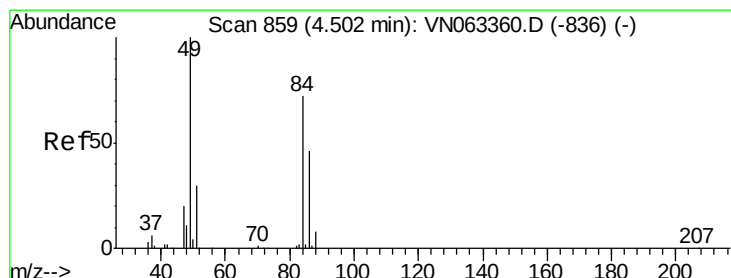
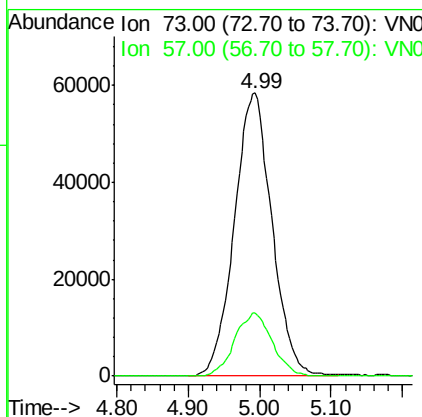
#19
Methyl tert-butyl Ether
Concen: 17.908 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tot Ion: 73 Resp: 214342
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

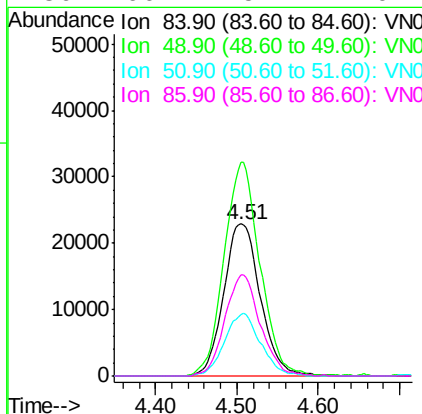
Manual Integrations
APPROVED

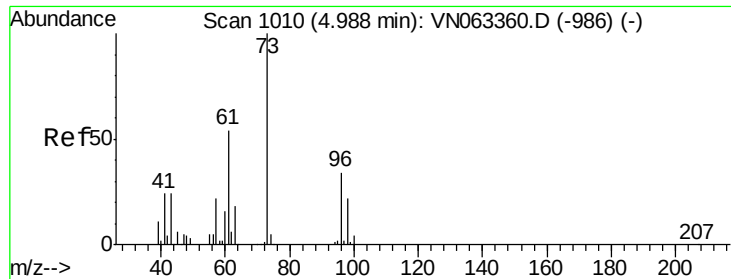
MMDadoda
9/17/2020 1:44:06 PM



#20
Methylene Chloride
Concen: 18.278 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion: 84 Resp: 72097
Ion Ratio Lower Upper
84 100
49 139.9 110.7 166.1
51 40.9 32.9 49.3
86 66.7 51.1 76.7





#21

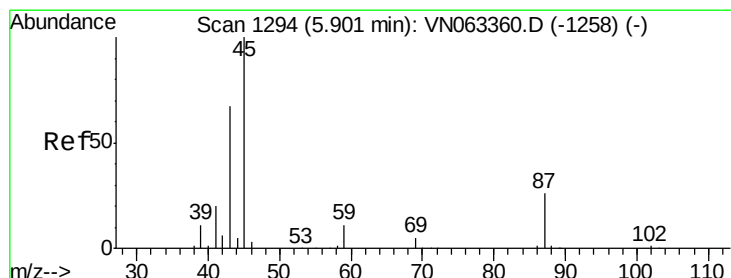
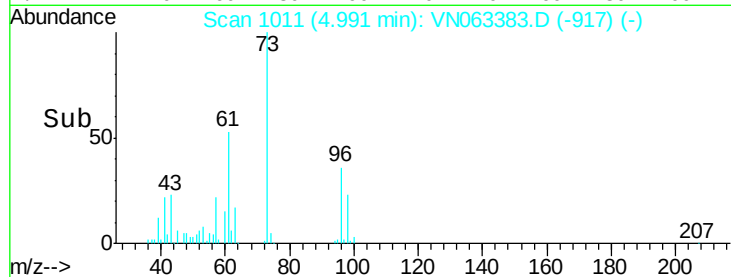
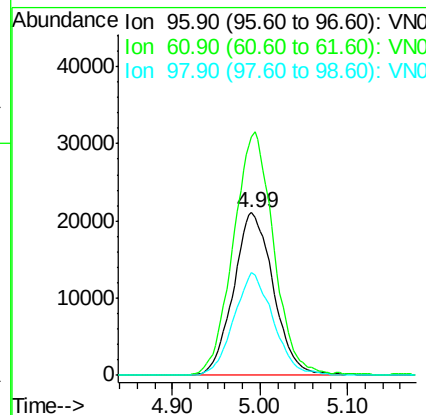
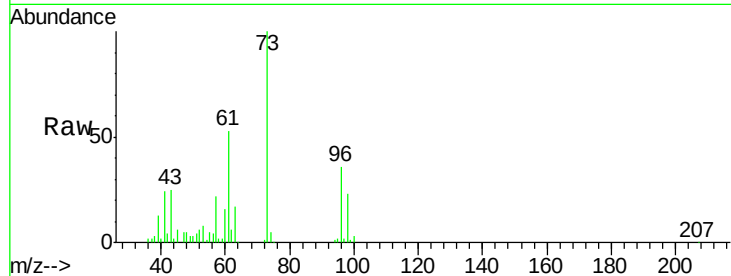
trans-1,2-Dichloroethene
Concen: 18.729 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	126.2	189.4
98	63.0	51.0	76.4

Manual Integrations
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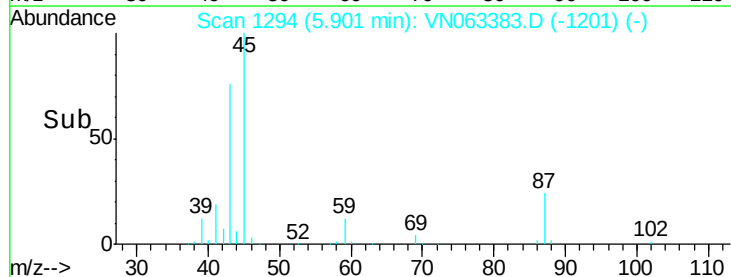
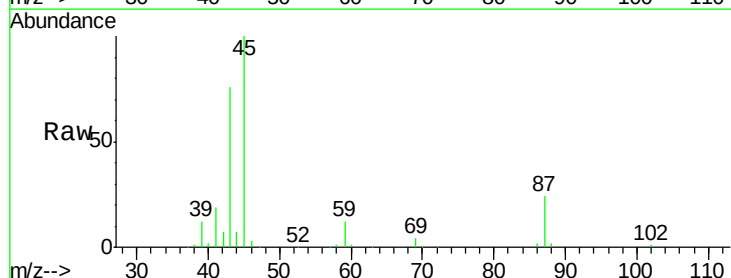
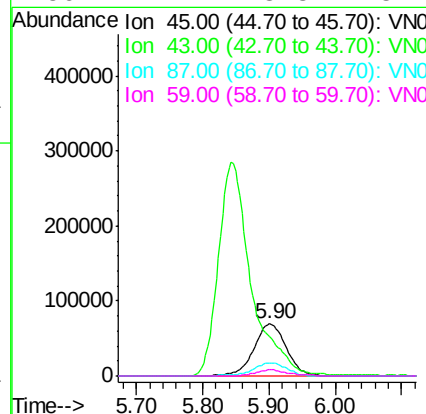
MMDadoda
9/17/2020 1:44:06 PM

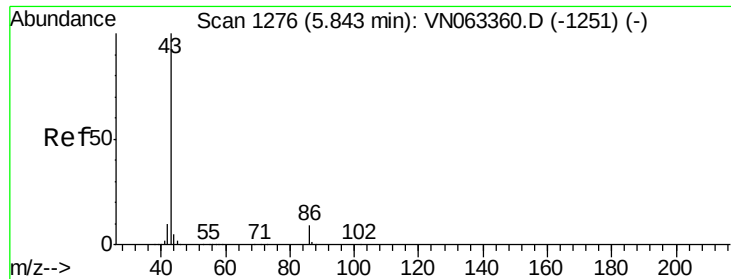


#22

Diisopropyl ether
Concen: 18.356 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.8	53.5	80.3
87	24.5	21.2	31.8
59	11.4	8.8	13.2





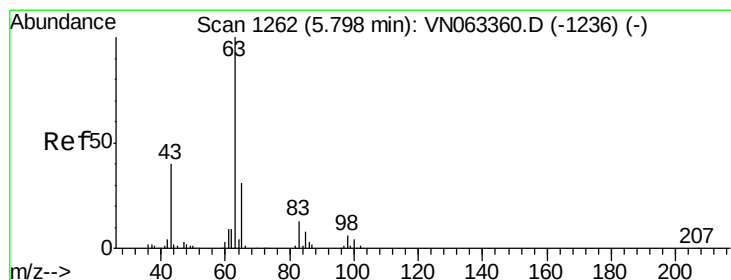
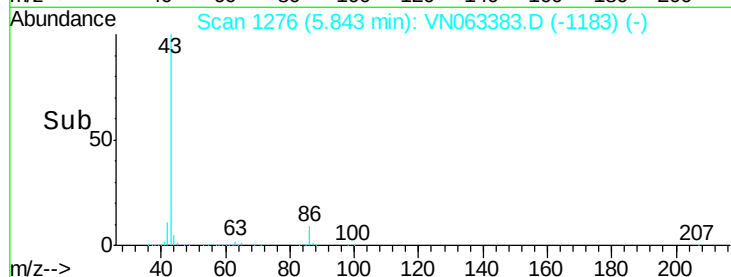
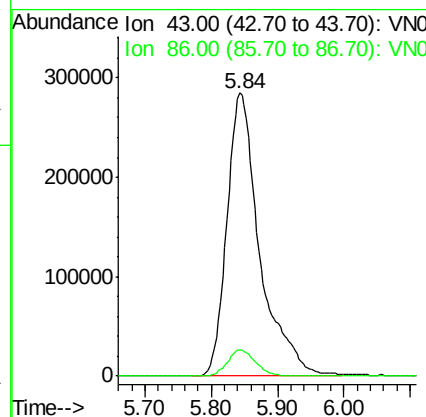
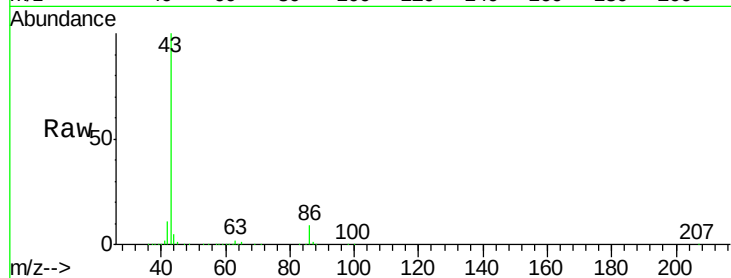
#23
 Vinyl Acetate
 Concen: 92.235 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion	43	Resp	981363
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.1	10.7

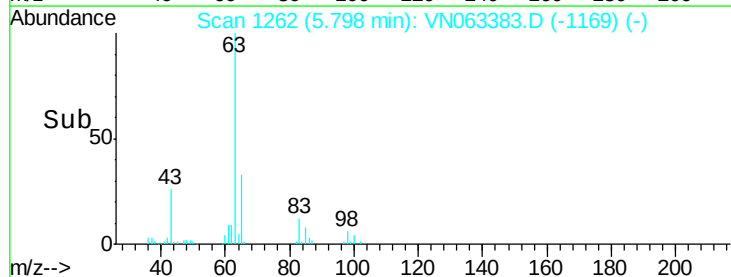
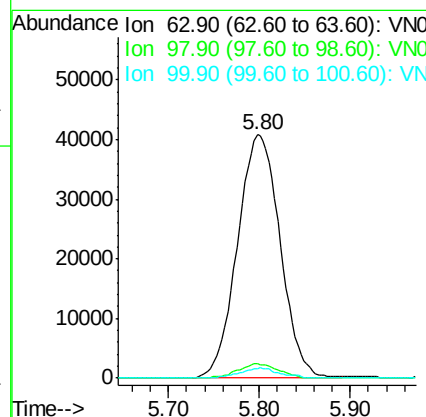
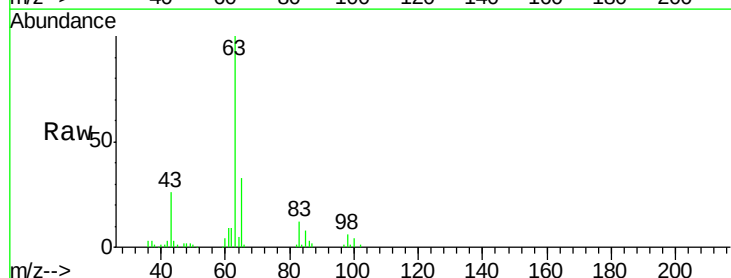
Manual Integrations
 APPROVED

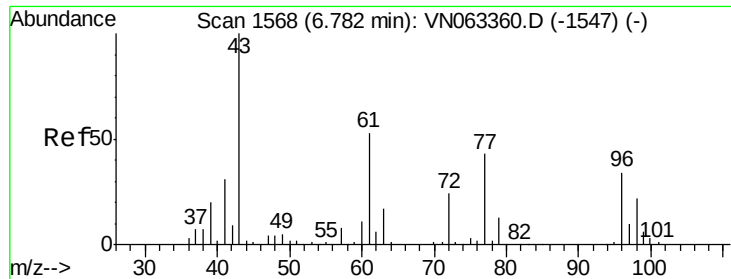
MMDadoda
 9/17/2020 1:44:06 PM



#24
 1,1-Dichloroethane
 Concen: 18.758 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion	63	Resp	132674
Ion Ratio	Lower	Upper	
63	100		
98	6.0	2.9	8.8
100	4.0	2.1	6.3





#25

2-Butanone

Concen: 89.567 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

ClientSampled :

VN0916WBS02

Tot Ion: 43 Resp: 214462

Ion Ratio Lower Upper

43 100

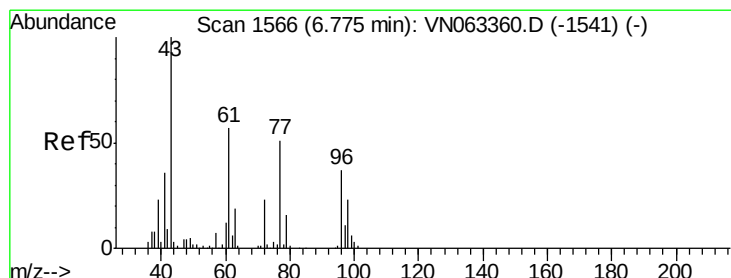
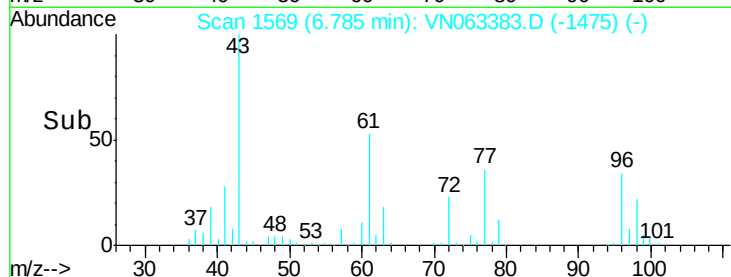
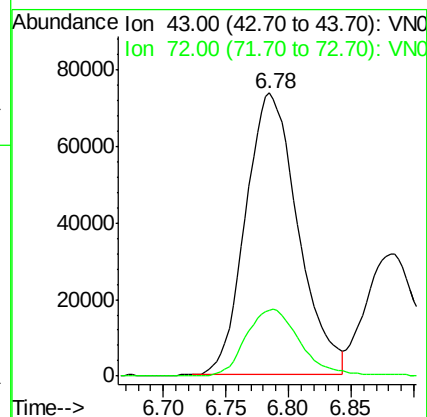
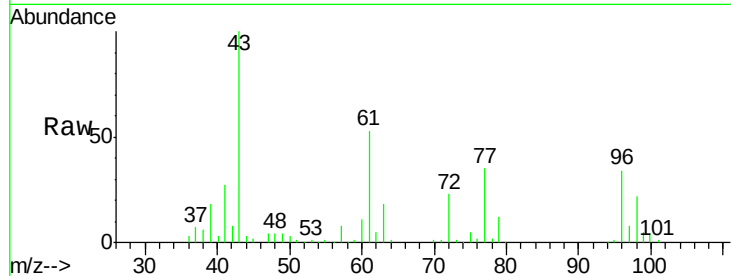
72 23.5 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

9/17/2020 1:44:06 PM



#26

2,2-Dichloropropane

Concen: 14.939 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063383.D

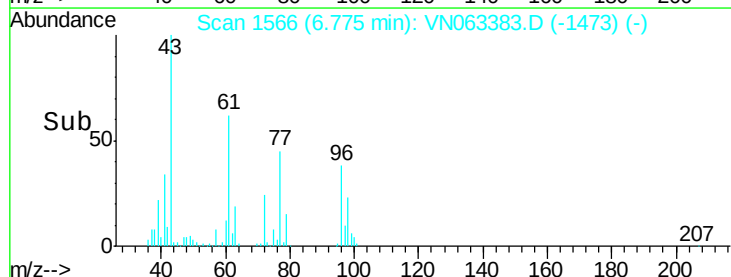
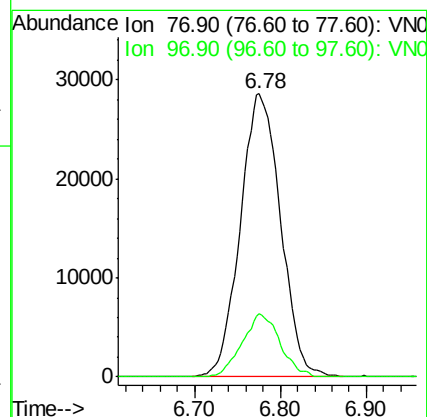
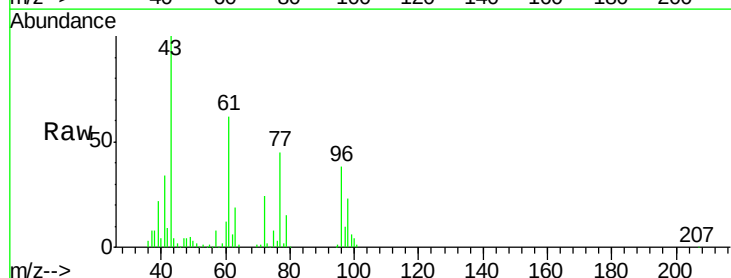
Acq: 16 Sep 2020 23:28

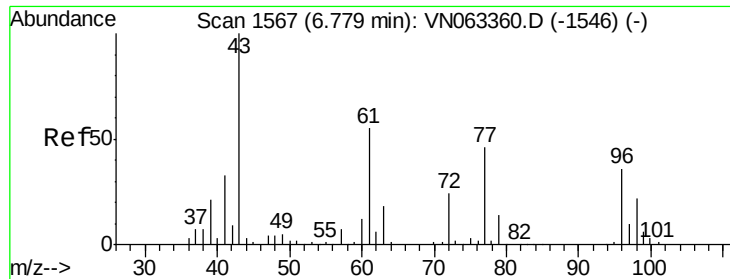
Tgt Ion: 77 Resp: 93029

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.297 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

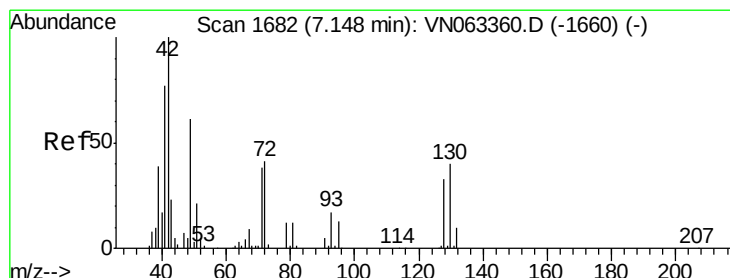
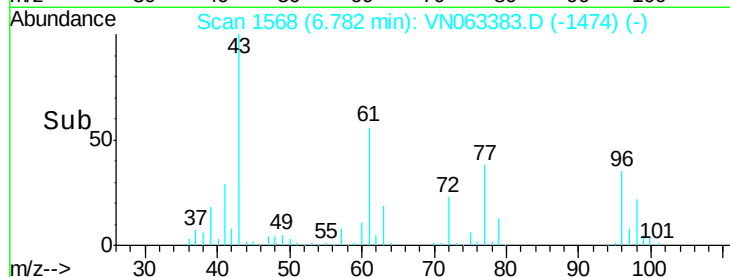
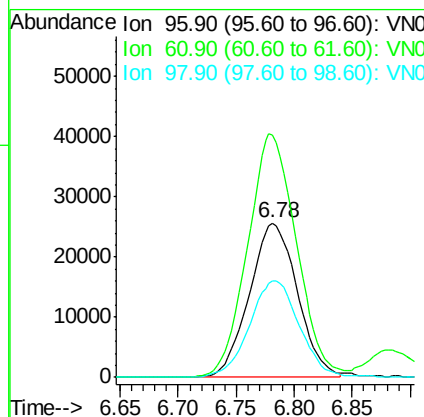
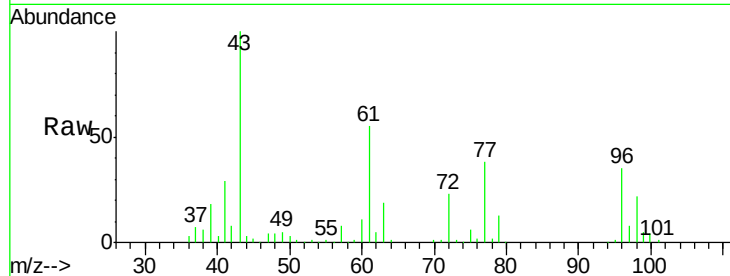
ClientSampleId :

VN0916WBS02

Tot Ion:	96	Resp:	73686
Ion	Ratio	Lower	Upper
96	100		
61	160.9	0.0	319.6
98	64.8	0.0	127.8

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#28

Bromochloromethane

Concen: 19.612 ug/l

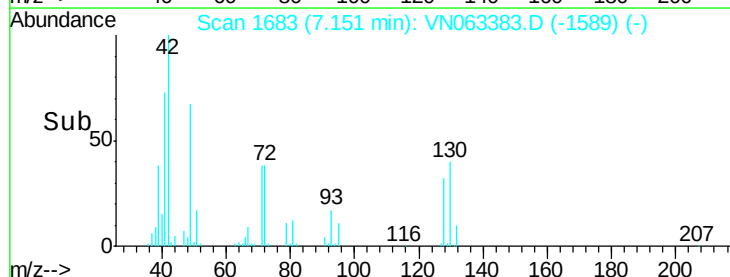
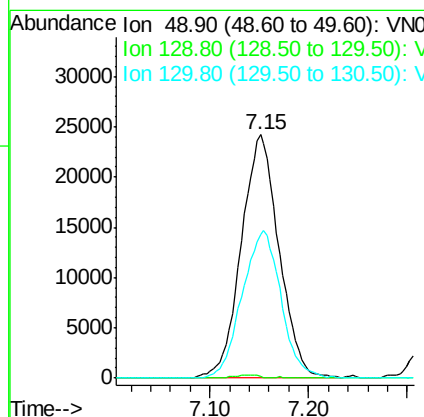
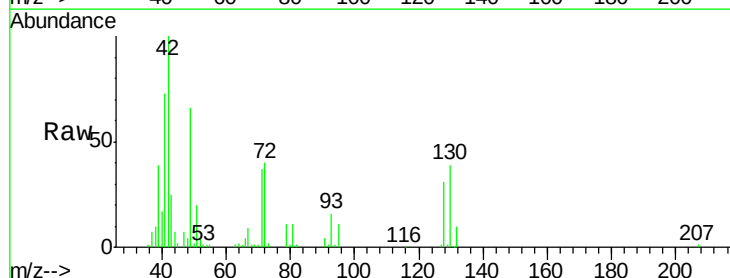
RT: 7.15 min Scan# 1683

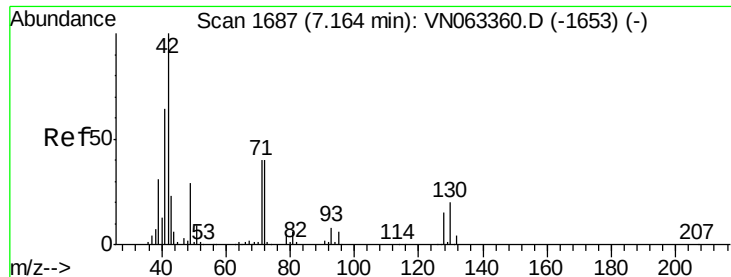
Delta R.T. 0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Tgt Ion:	49	Resp:	64049
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	62.2	52.2	78.2





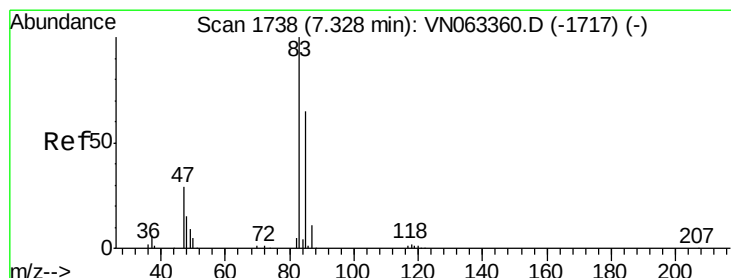
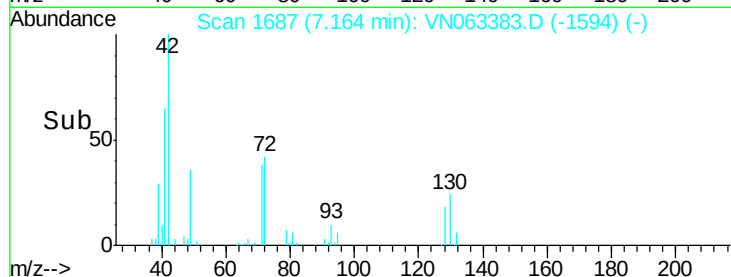
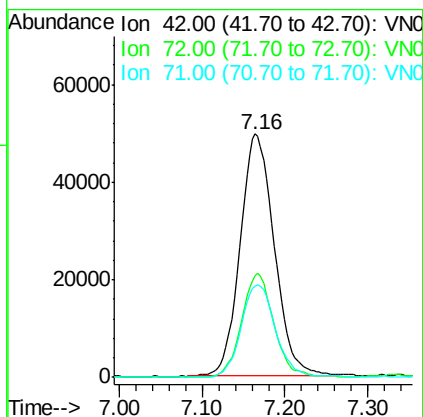
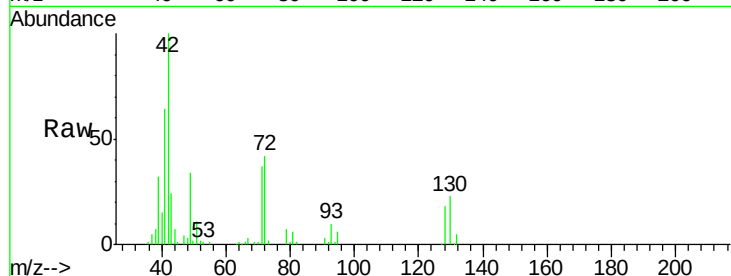
#29
Tetrahydrofuran
Concen: 87.320 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.1	48.1
71	38.3	31.2	46.8

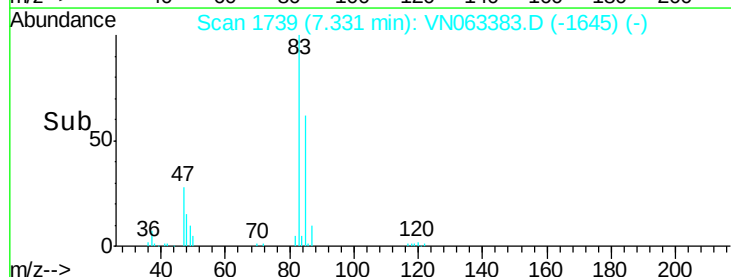
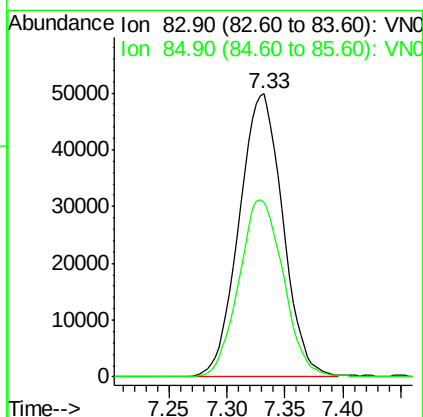
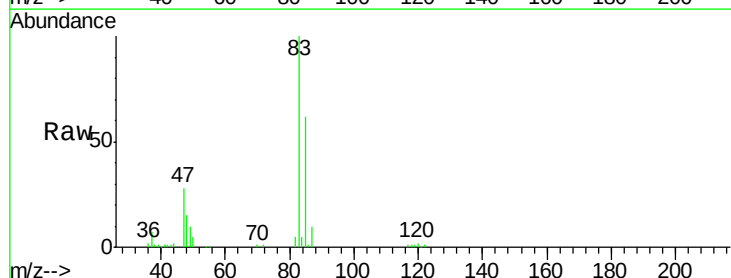
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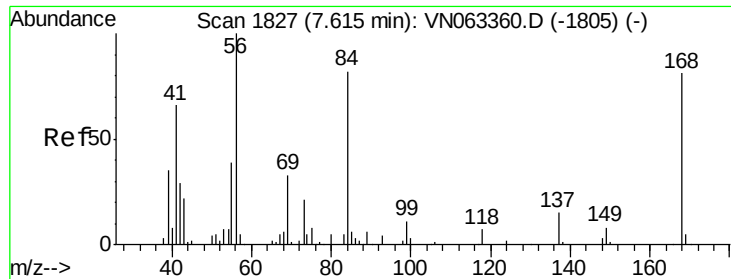
MMDadoda
9/17/2020 1:44:06 PM



#30
Chloroform
Concen: 18.399 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	52.1	78.1





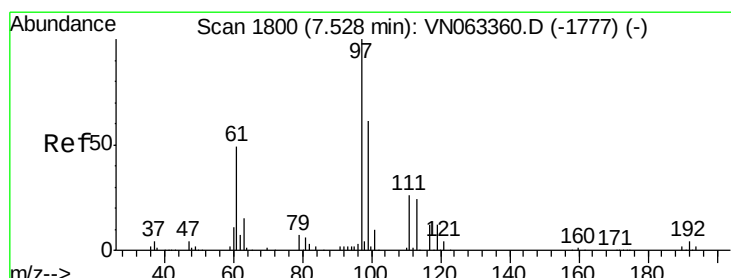
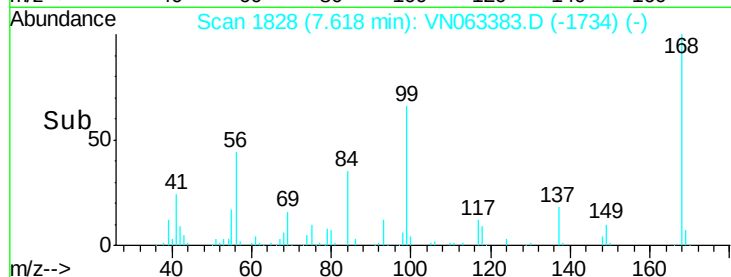
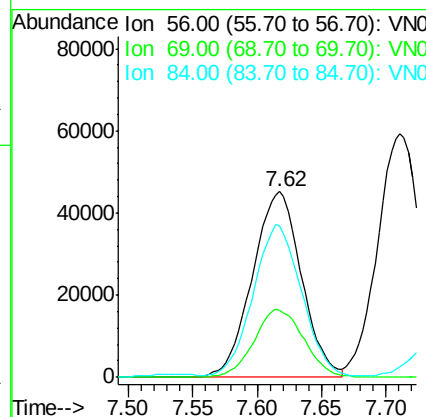
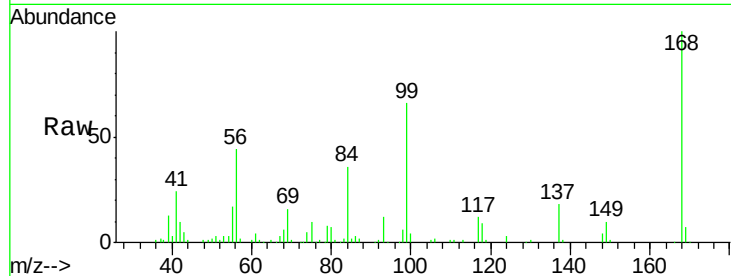
#31
Cyclohexane
Concen: 17.866 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Resp	Lower	Upper
56	100	119530		
69	36.2	26.1	39.1	
84	80.3	65.4	98.2	

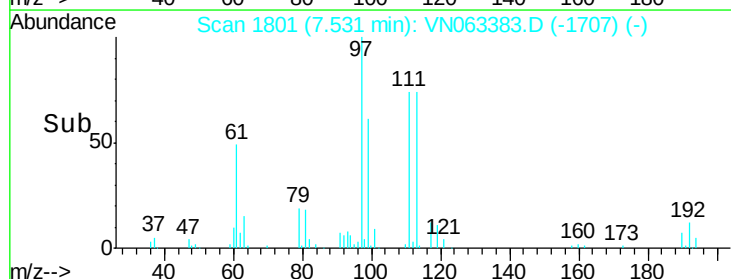
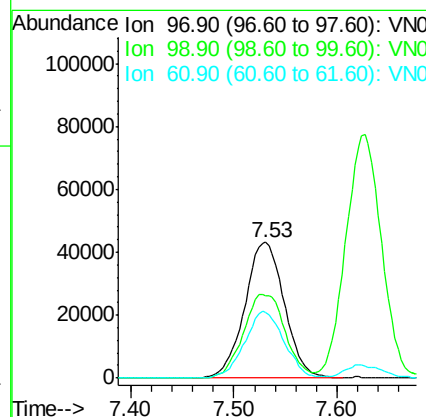
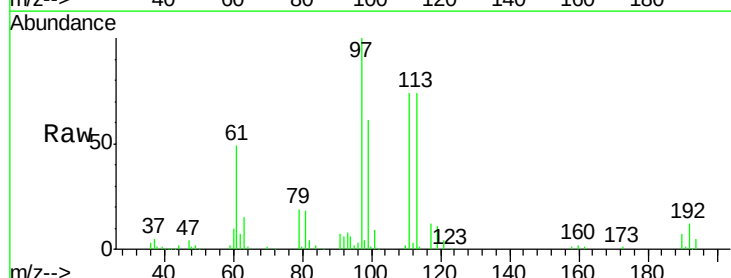
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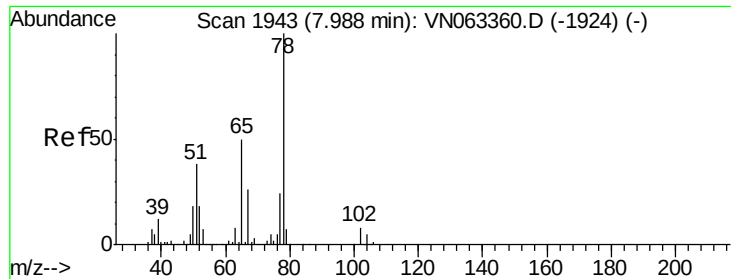
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.245 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	115157		
99	65.1	50.6	76.0	
61	48.9	39.2	58.8	





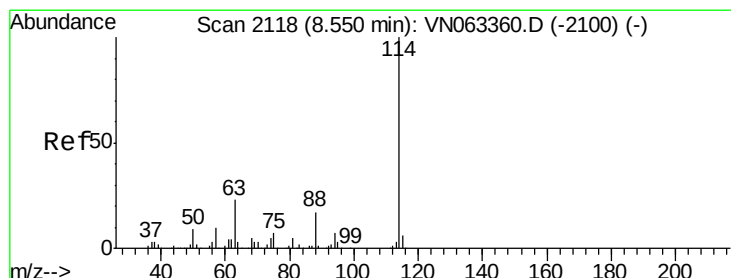
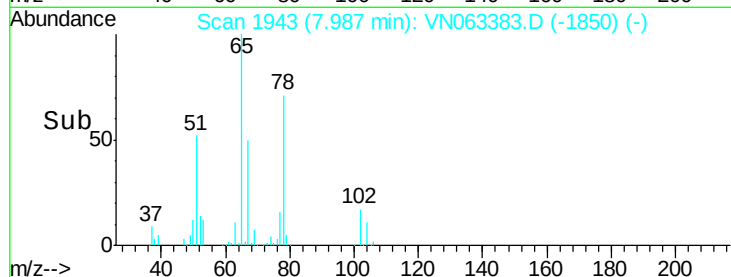
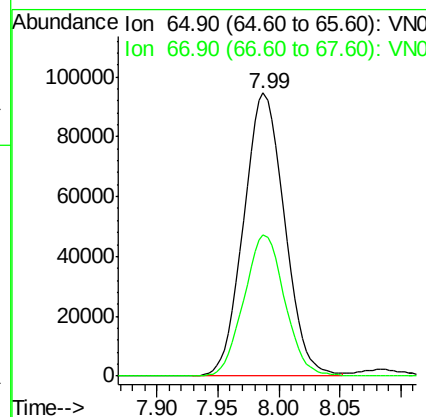
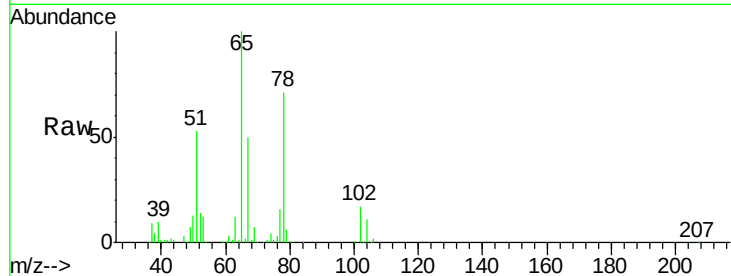
#33
 1,2-Dichloroethane-d4
 Concen: 45.356 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219719		
67	49.7	0.0	104.2	

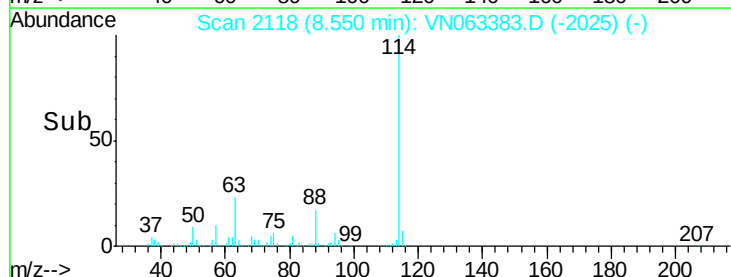
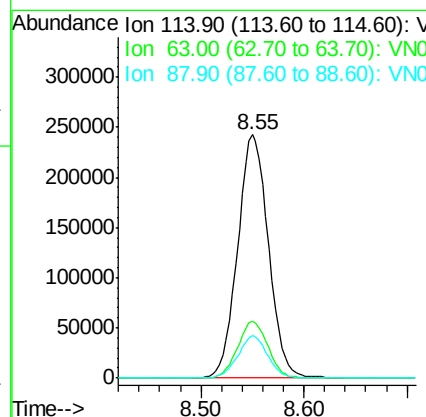
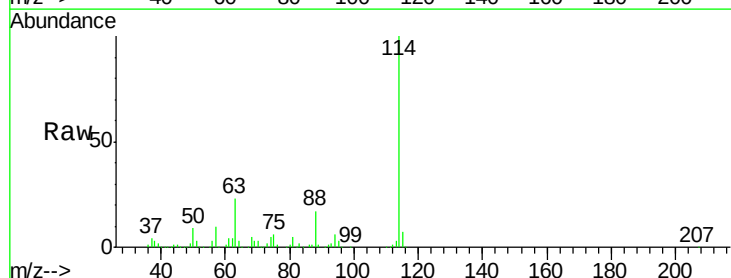
Manual Integrations
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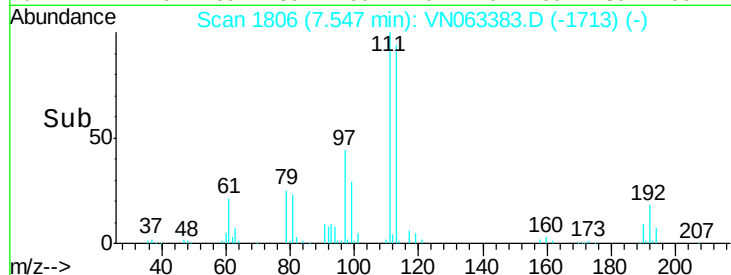
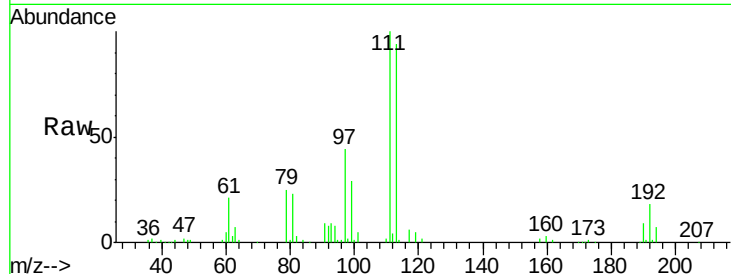
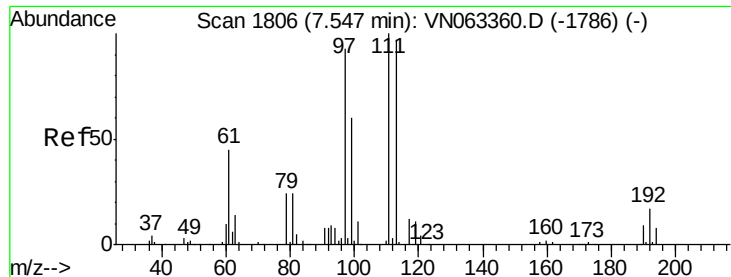
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 9/17/2020 1:44:06 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	504399		
63	23.3	0.0	46.4	
88	17.3	0.0	33.2	





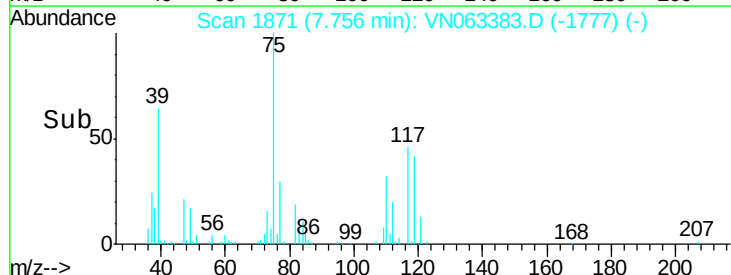
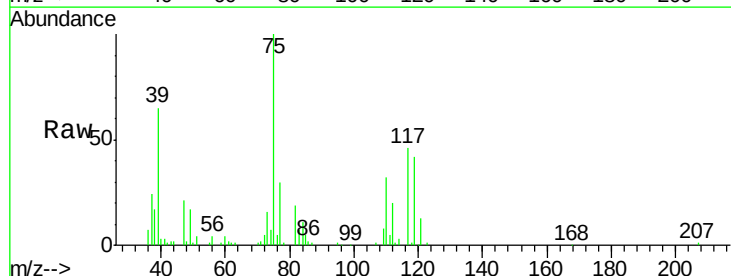
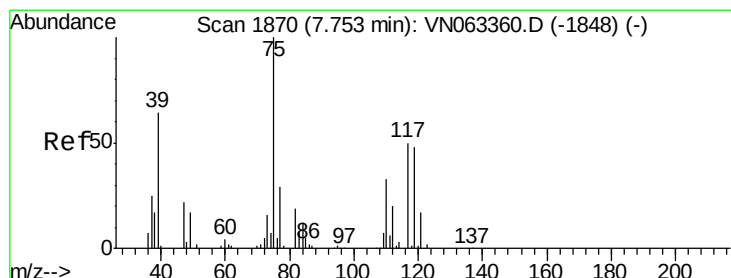
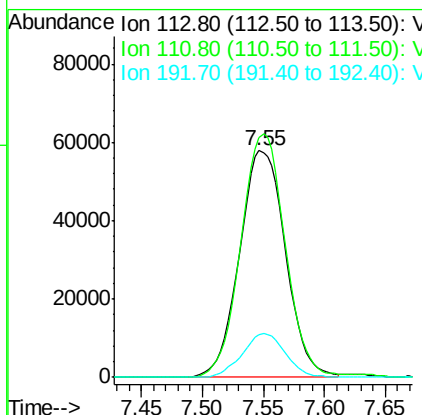
#35
Dibromofluoromethane
Concen: 43.288 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151155		
111	103.8	82.9	124.3	
192	18.1	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

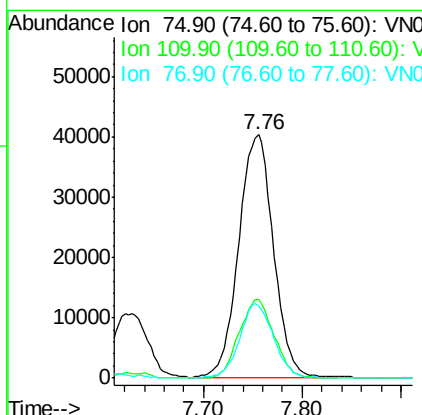
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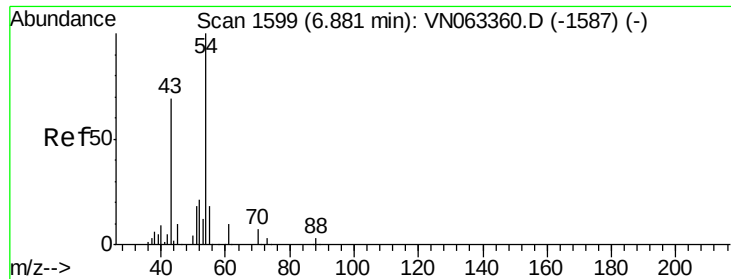
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#36
1,1-Dichloropropene
Concen: 18.403 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	98893		
110	32.1	16.5	49.5	
77	29.5	24.6	36.8	





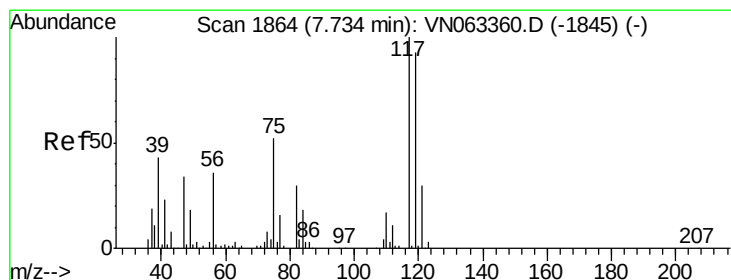
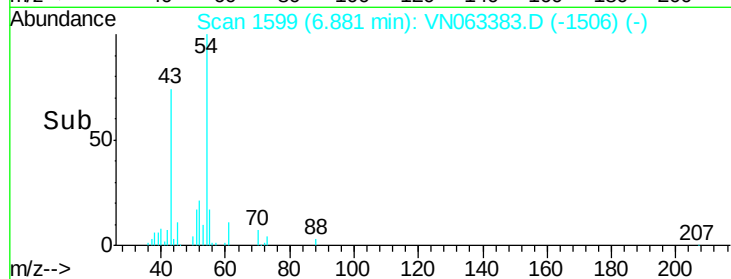
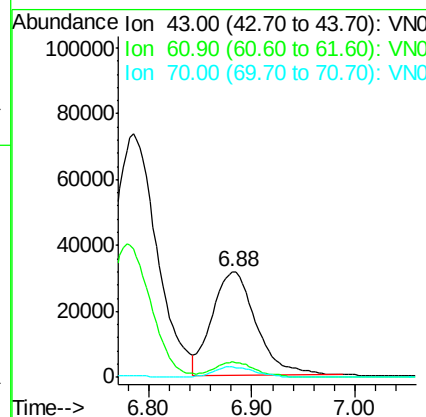
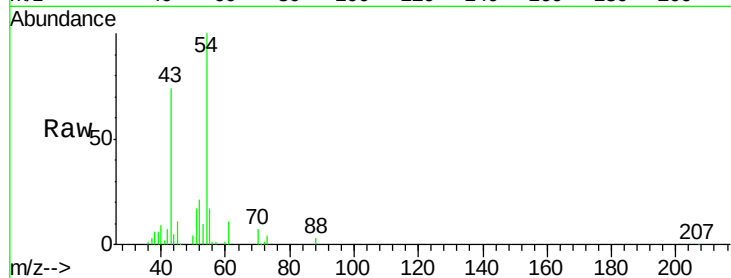
#37
Ethyl Acetate
Concen: 17.791 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	15.8
70	9.6	7.2	10.8

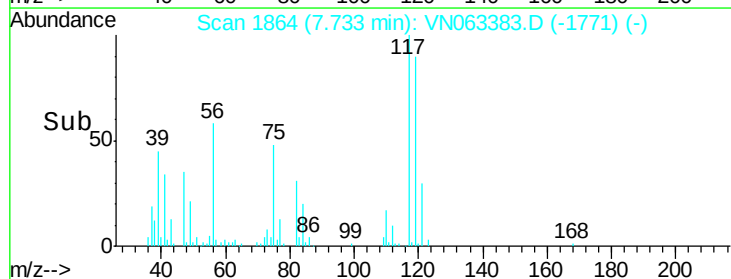
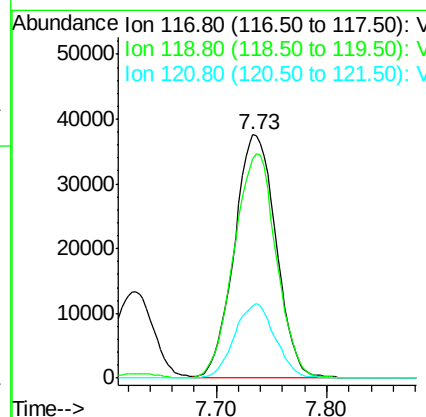
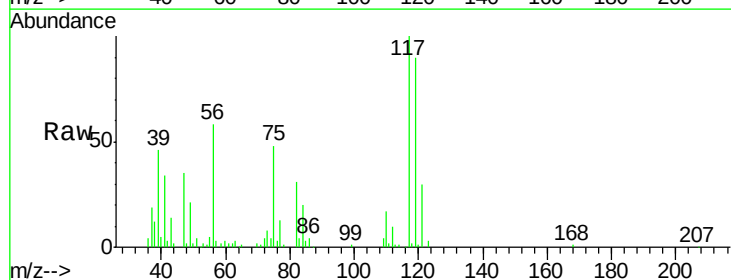
Manual Integrations
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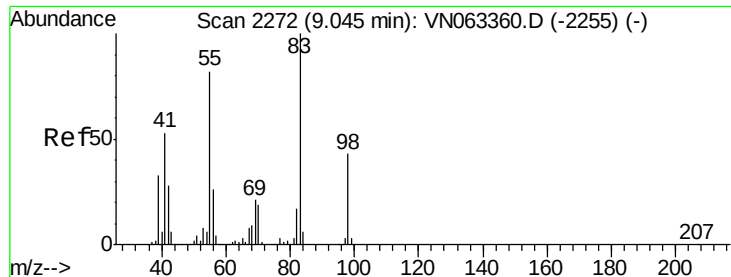
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#38
Carbon Tetrachloride
Concen: 17.970 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	74.5	111.7
121	29.9	24.1	36.1





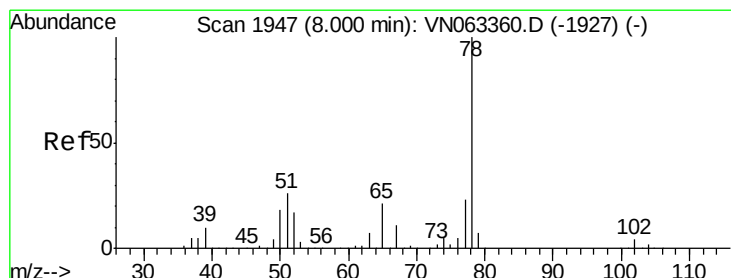
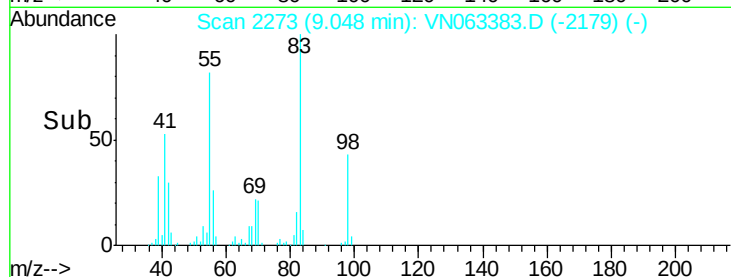
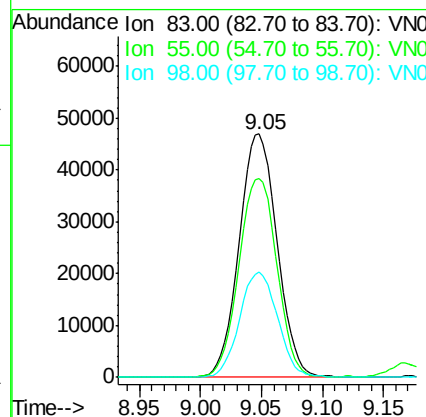
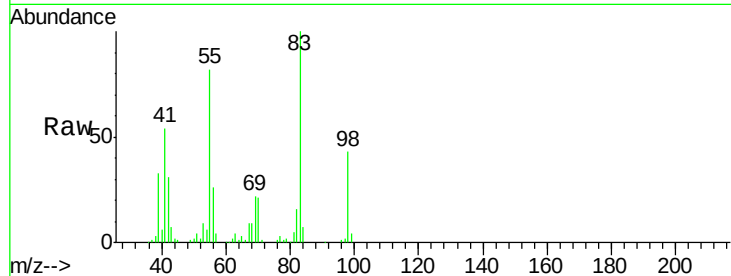
#39
Methylvlcyclohexane
Concen: 17.355 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.8	65.5	98.3	
98	43.0	34.2	51.4	

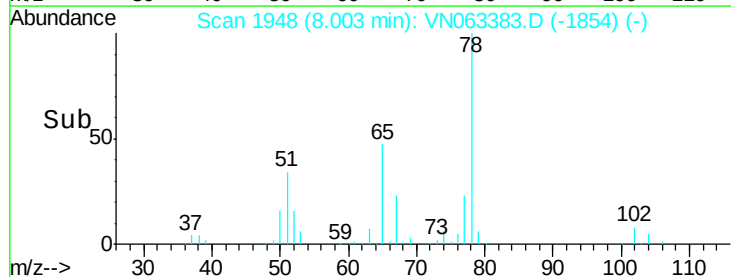
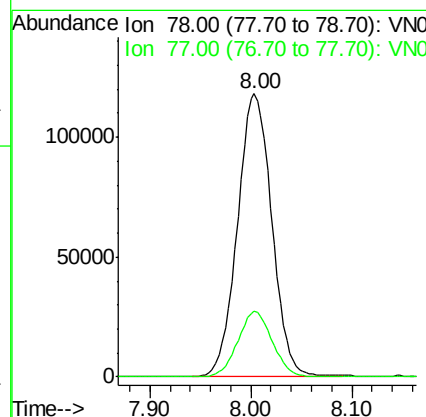
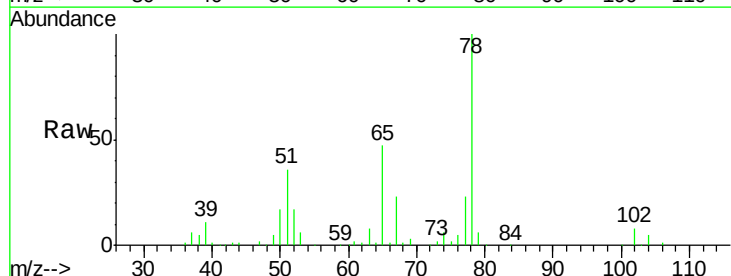
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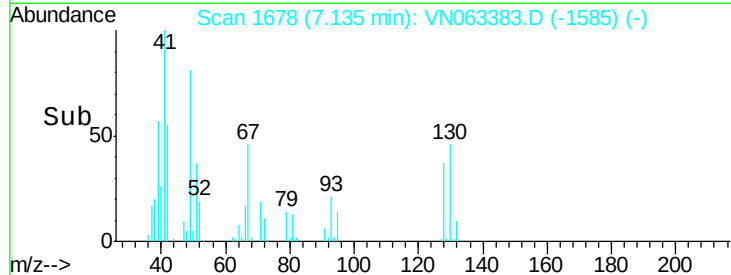
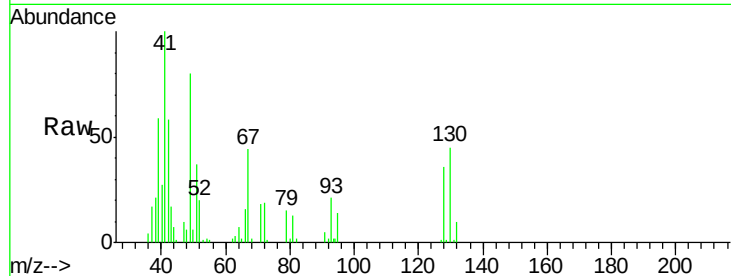
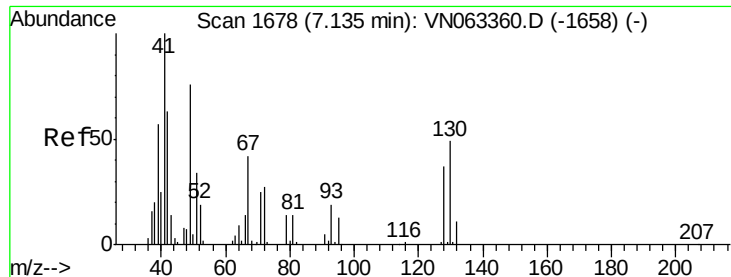
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#40
Benzene
Concen: 18.211 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.0	18.3	27.5	





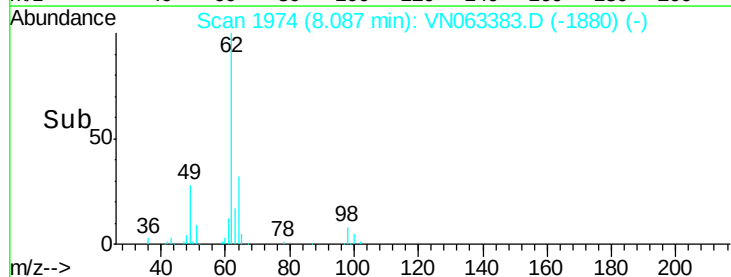
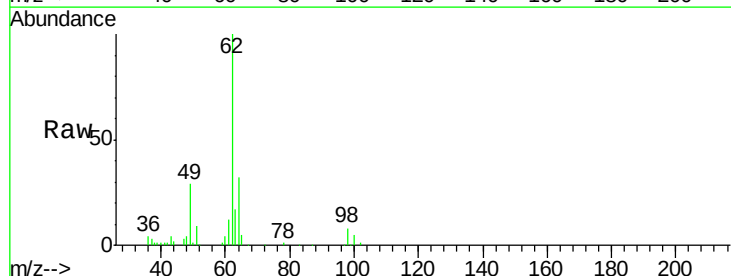
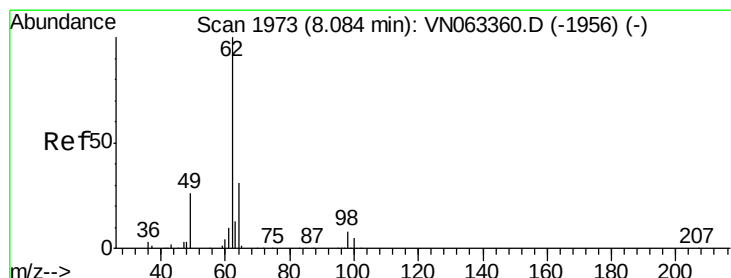
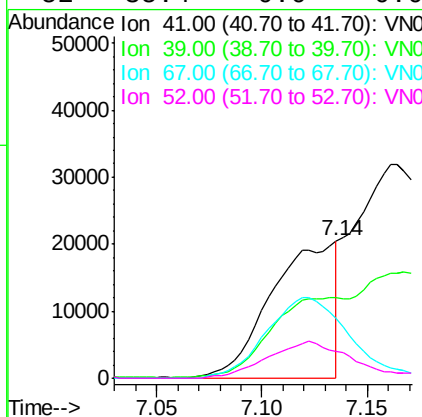
#41
Methacrylonitrile
Concen: 18.462 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tot Ion	41	Resp	43794
Ion Ratio	Lower	Upper	
41	100		
39	70.8	0.0	0.0#
67	76.3	0.0	0.0#
52	35.4	0.0	0.0#

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

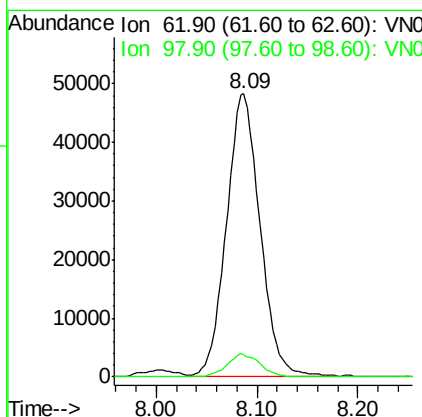
Manual Integrations
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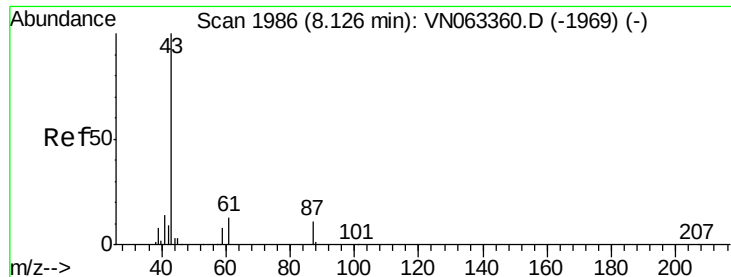
MMDadoda
9/17/2020 1:44:06 PM



#42
1,2-Dichloroethane
Concen: 18.014 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	62	Resp	111127
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	15.6





#43

Isopropyl Acetate

Concen: 17.232 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

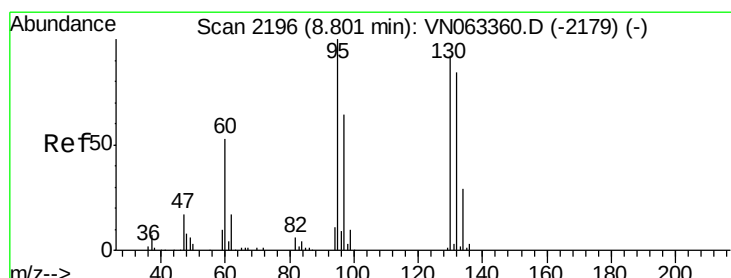
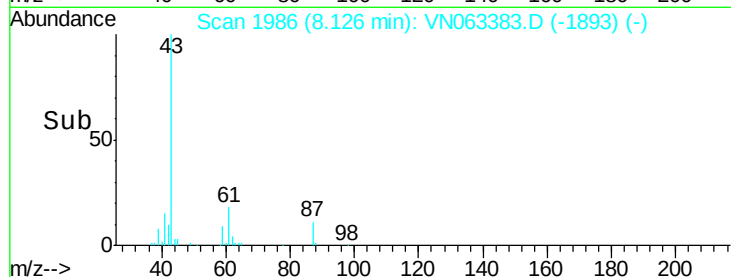
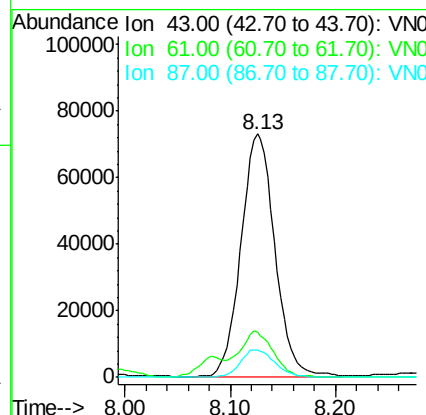
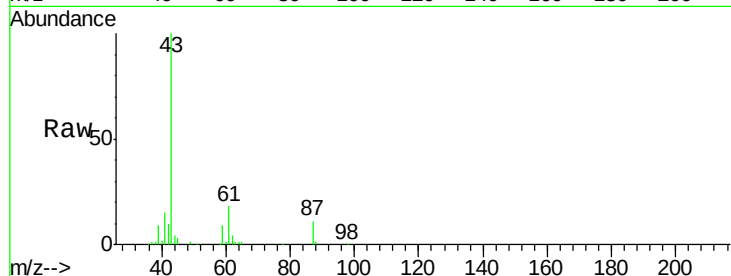
ClientSampleId :

VN0916WBS02

Tot Ion:	43	Resp:	162503
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.2	21.2
87	11.5	9.0	13.6

Manual Integrations
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9/17/2020 1:44:06 PM



#44

Trichloroethene

Concen: 18.096 ug/l

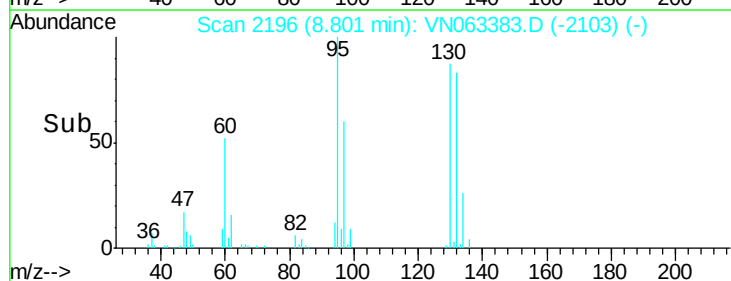
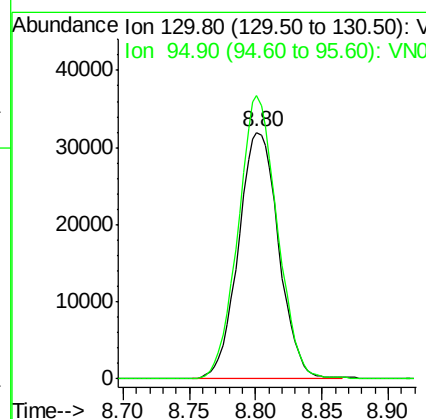
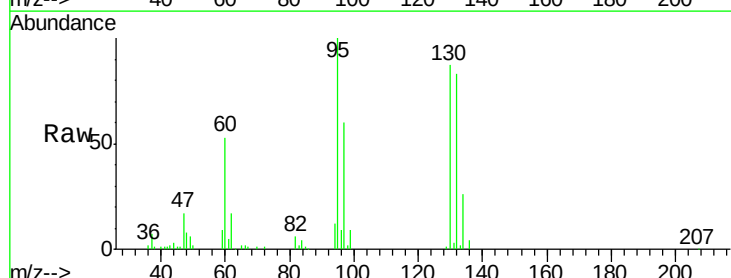
RT: 8.80 min Scan# 2196

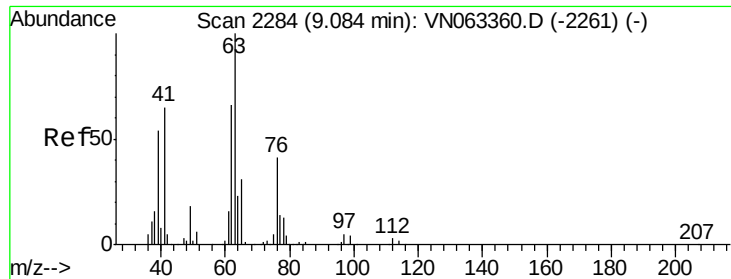
Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Tgt Ion:	130	Resp:	67329
Ion	Ratio	Lower	Upper
130	100		
95	114.9	0.0	217.4





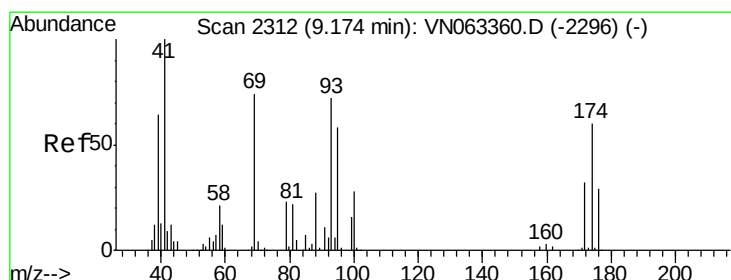
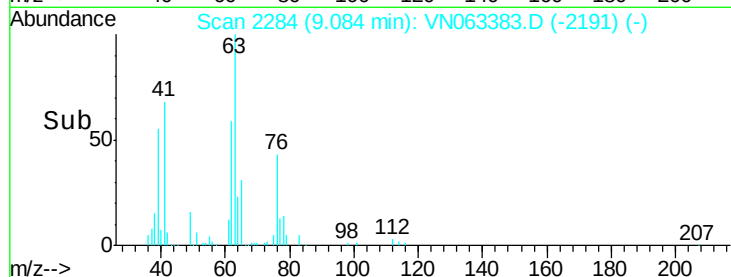
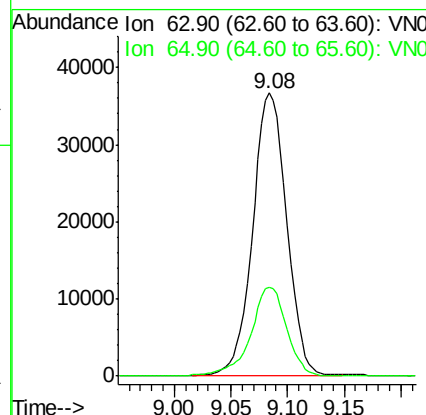
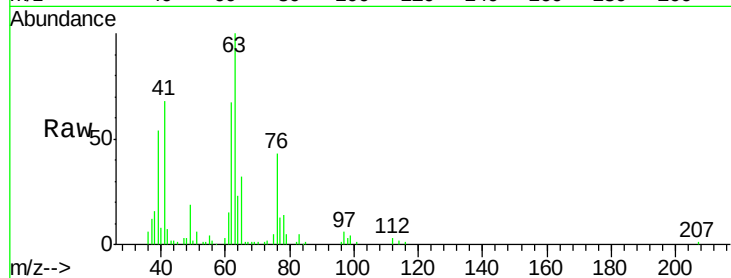
#45
 1,2-Dichloropropane
 Concen: 18.417 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion: 63 Resp: 76945
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6

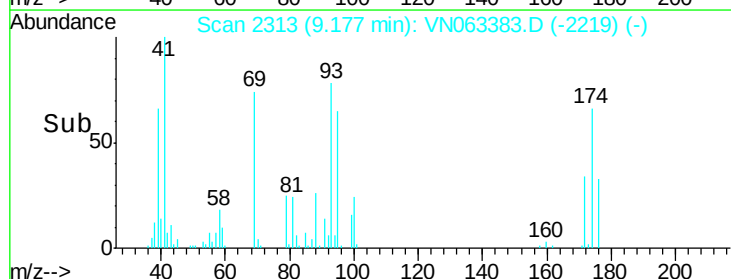
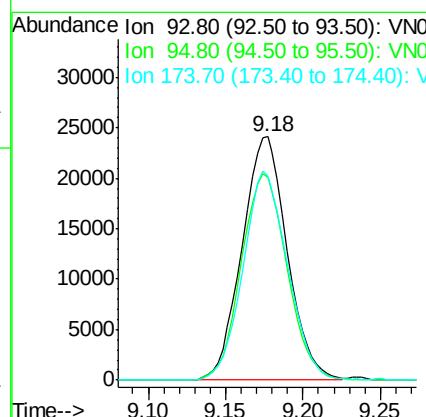
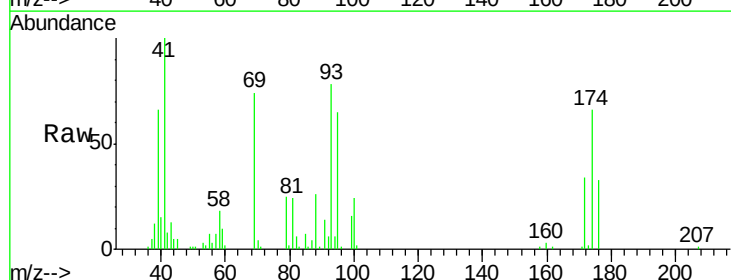
Manual Integrations
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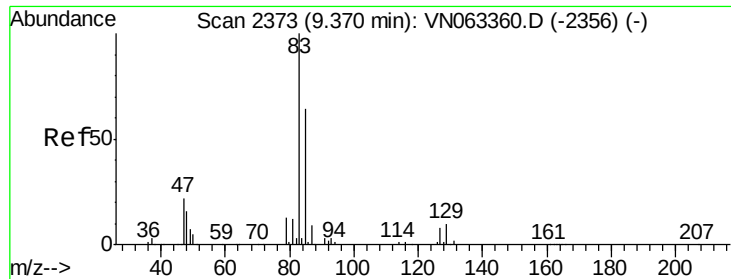
MMDadoda
 9/17/2020 1:44:06 PM



#46
 Dibromomethane
 Concen: 17.828 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion: 93 Resp: 48954
 Ion Ratio Lower Upper
 93 100
 95 85.9 65.6 98.4
 174 84.7 68.1 102.1





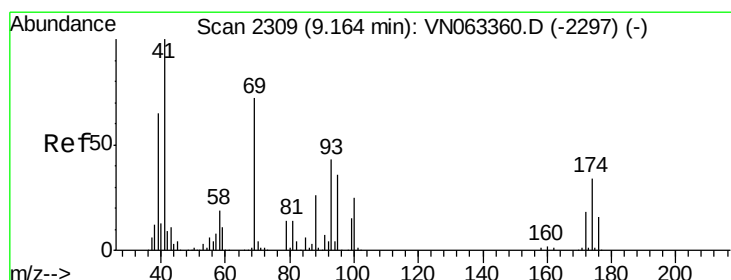
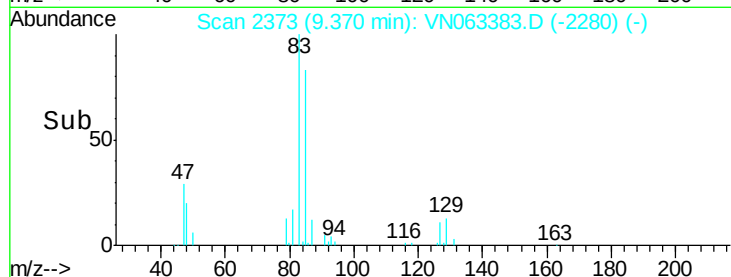
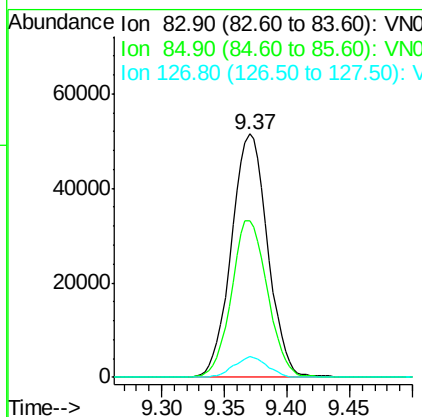
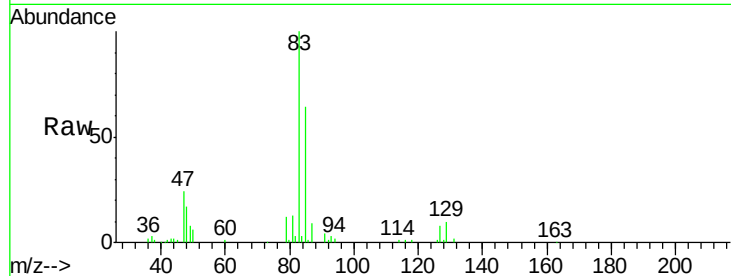
#47
Bromodichloromethane
Concen: 18.147 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	83	Resp	103525
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	8.4	6.3	9.5

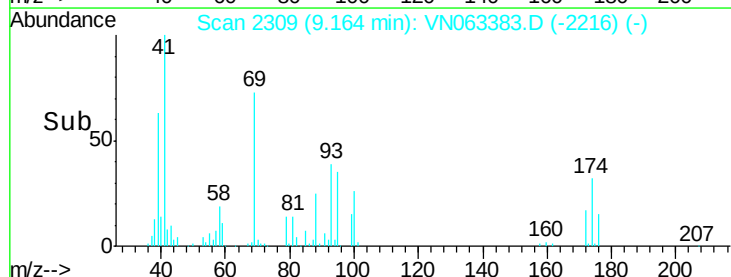
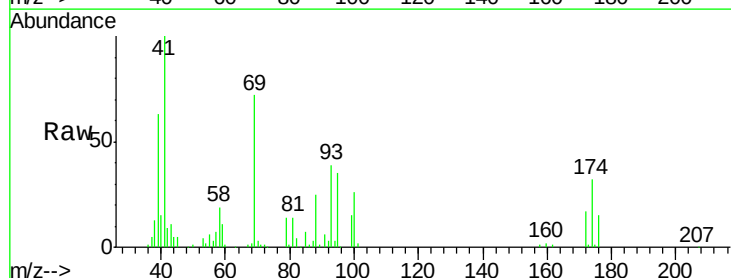
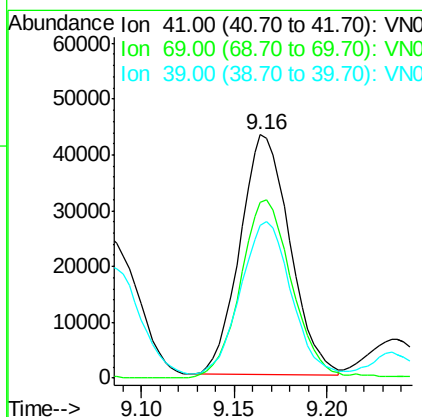
Manual Integrations
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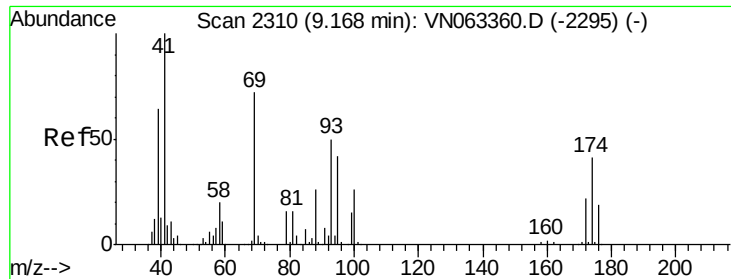
MMDadoda
9/17/2020 1:44:06 PM



#48
Methyl methacrylate
Concen: 17.439 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	41	Resp	80798
Ion Ratio	100	Lower	Upper
41	100		
69	76.1	59.3	88.9
39	66.9	52.9	79.3





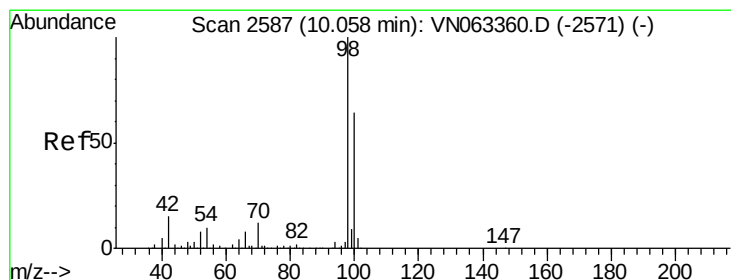
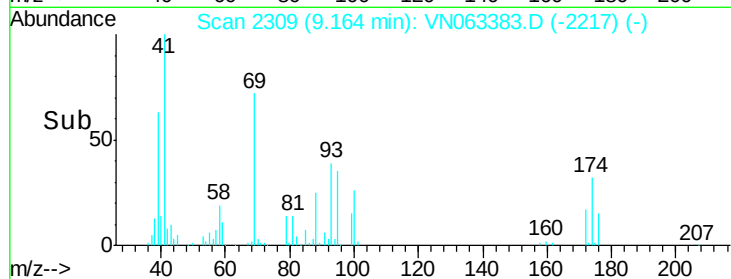
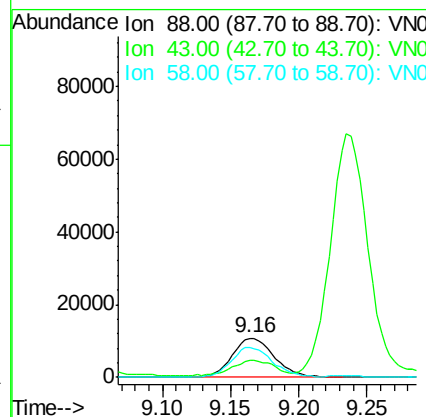
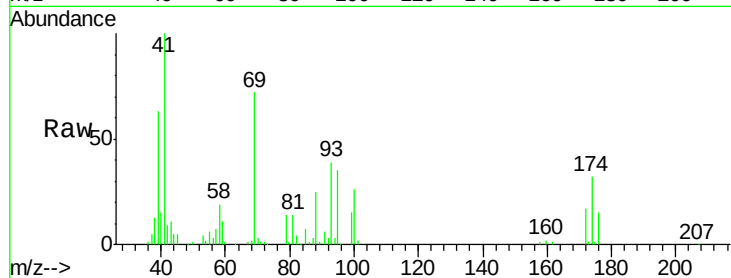
#49
1,4-Dioxane
Concen: 347.902 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.6	49.0
58	75.9	60.0	90.0

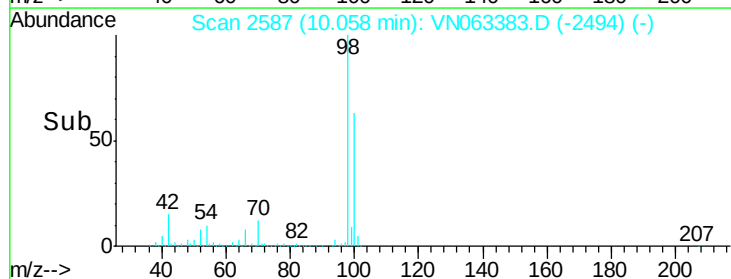
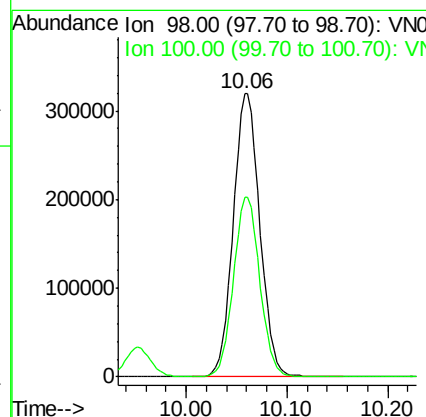
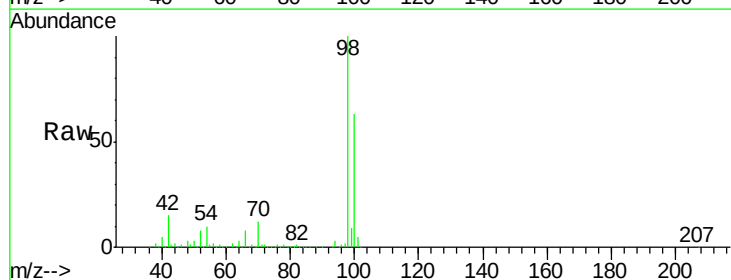
Manual Integrations
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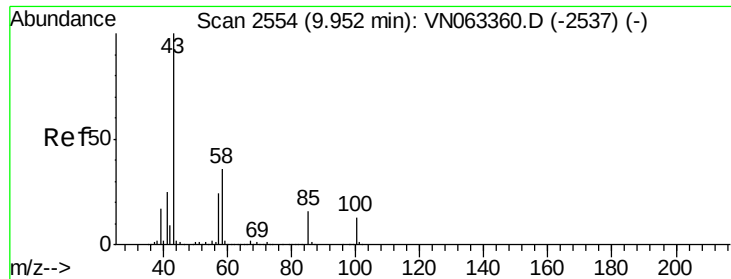
MMDadoda
9/17/2020 1:44:06 PM



#50
Toluene-d8
Concen: 44.639 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 90.318 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBS02

Tot Ion: 43 Resp: 476833

Ion Ratio Lower Upper

43 100

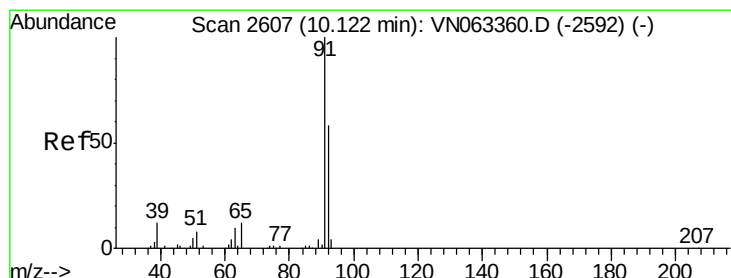
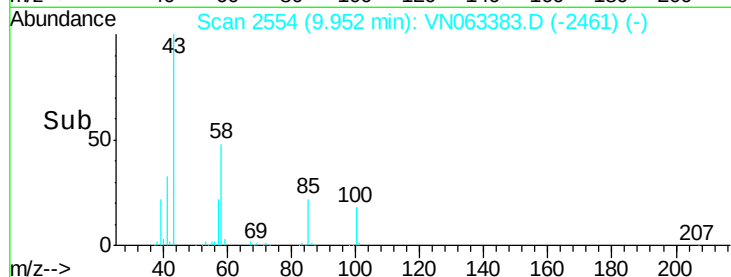
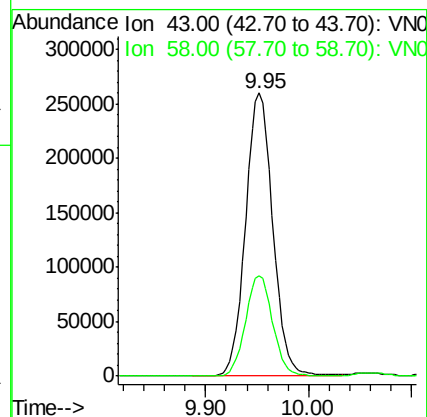
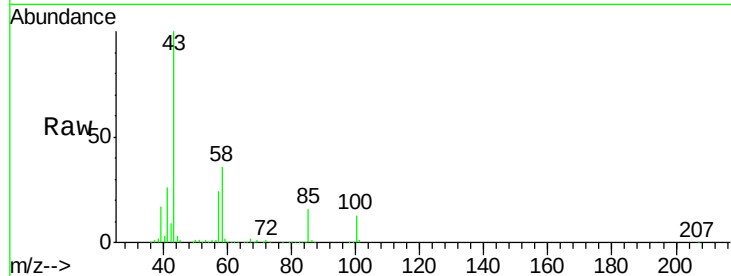
58 35.4 29.0 43.6

Manual Integrations

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9/17/2020 1:44:06 PM



#52

Toluene

Concen: 18.810 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063383.D

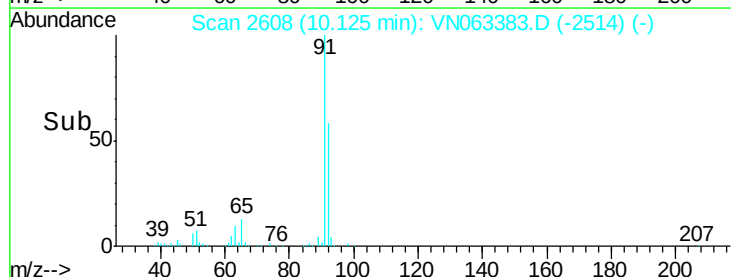
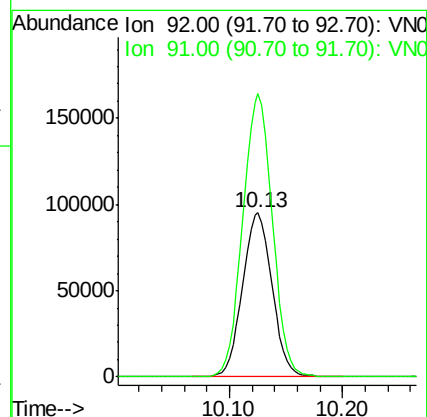
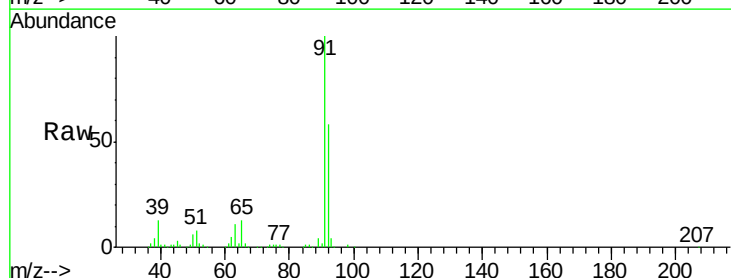
Acq: 16 Sep 2020 23:28

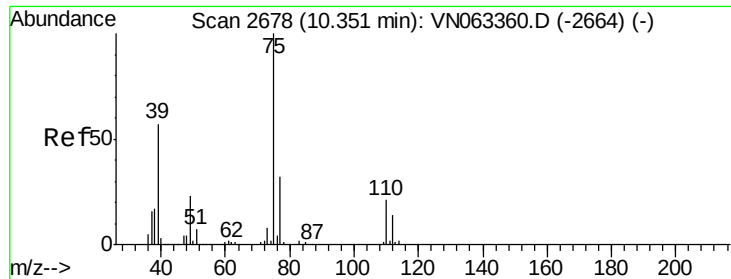
Tgt Ion: 92 Resp: 173482

Ion Ratio Lower Upper

92 100

91 172.3 139.7 209.5





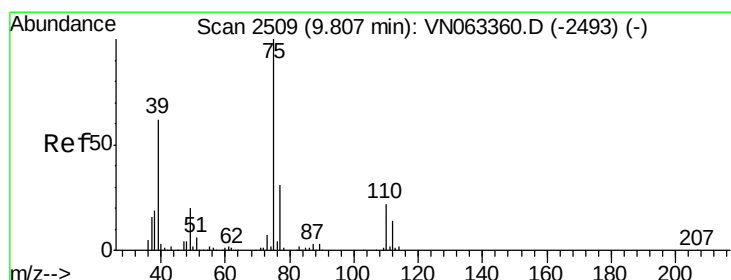
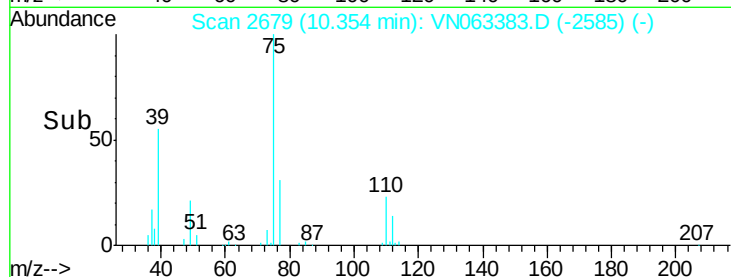
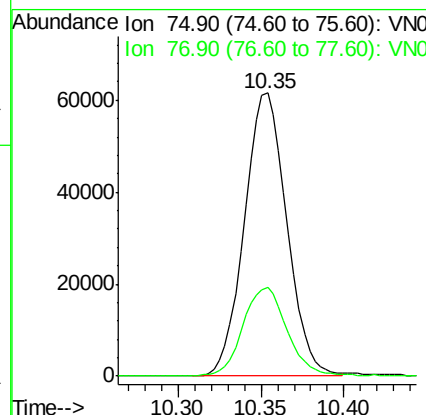
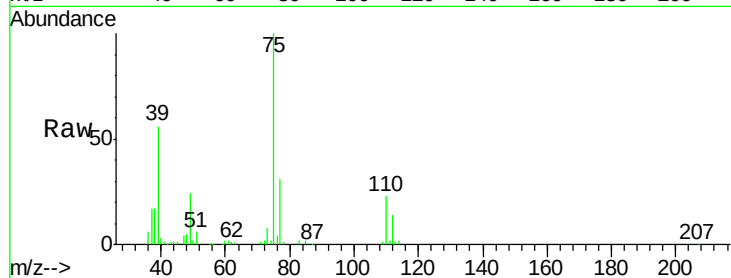
#53
t-1,3-Dichloropropene
Concen: 17.233 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion: 75 Resp: 109749
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

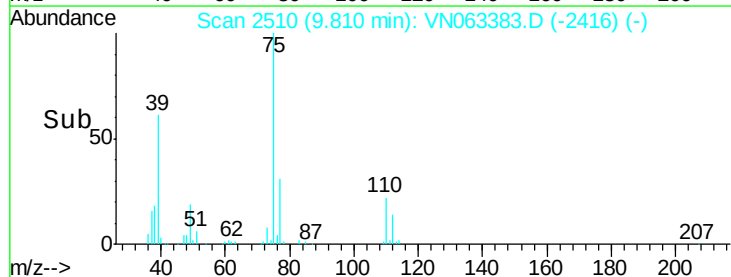
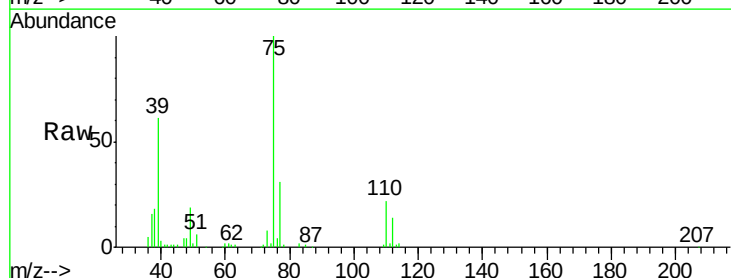
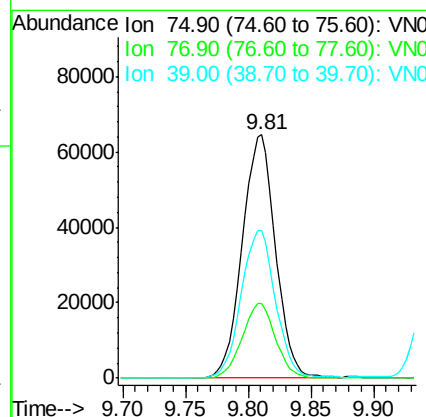
Manual Integrations
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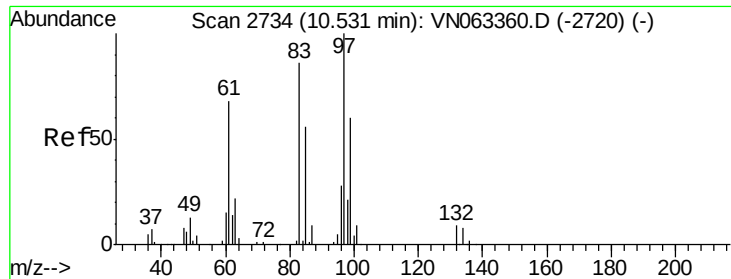
MMDadoda
9/17/2020 1:44:06 PM



#54
cis-1,3-Dichloropropene
Concen: 17.745 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion: 75 Resp: 119201
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0
39 60.5 49.8 74.8





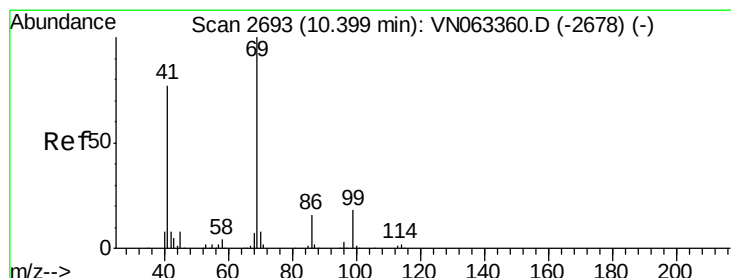
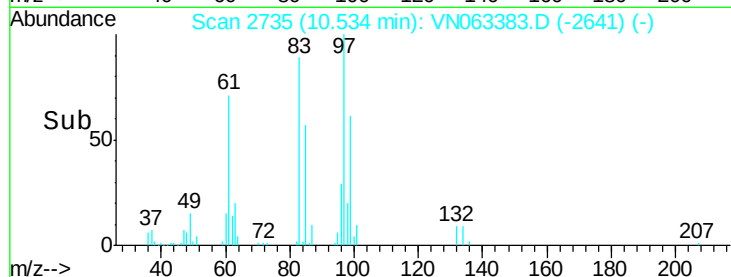
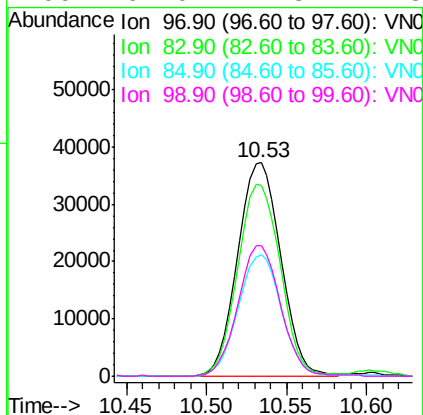
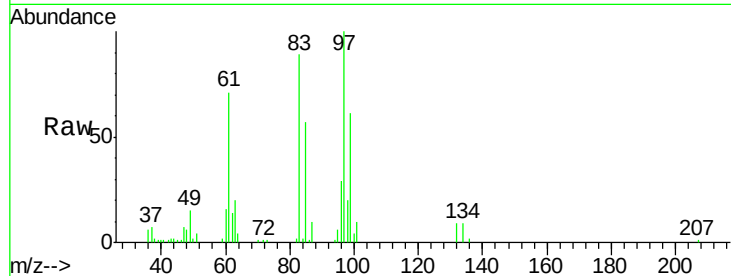
#55
 1,1,2-Trichloroethane
 Concen: 18.760 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion:	97	Resp:	68724
Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.9	103.3
85	56.9	44.8	67.2
99	61.0	47.8	71.8

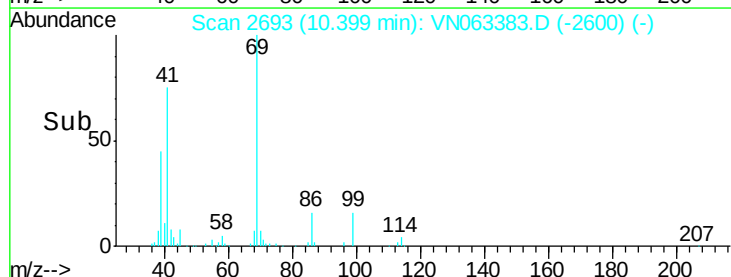
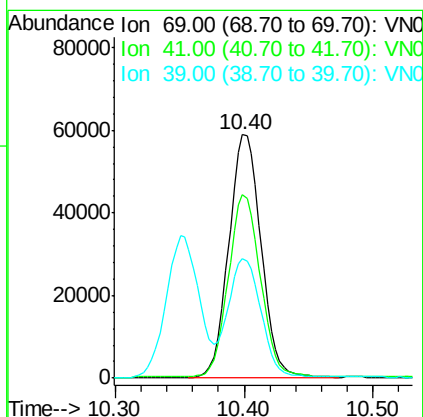
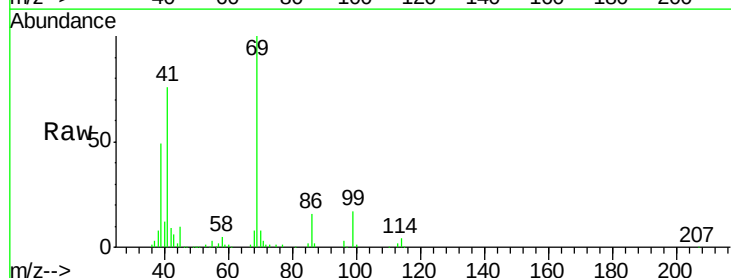
Manual Integrations
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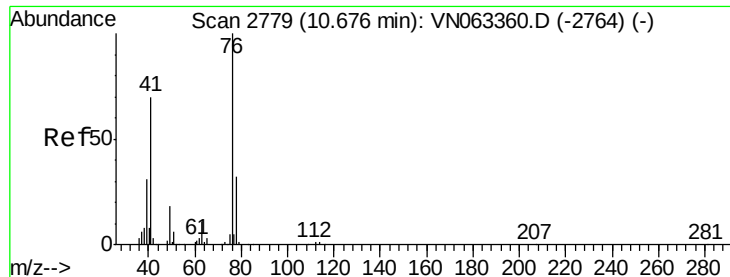
MMDadoda
 9/17/2020 1:44:06 PM



#56
 Ethyl methacrylate
 Concen: 18.015 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion:	69	Resp:	103025
Ion	Ratio	Lower	Upper
69	100		
41	74.1	61.0	91.6
39	49.6	39.2	58.8





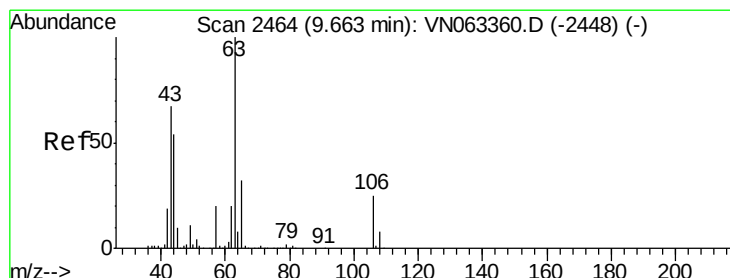
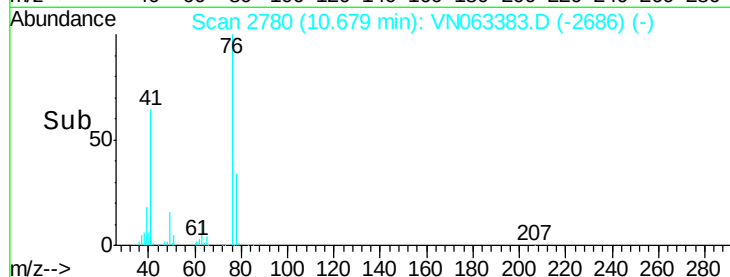
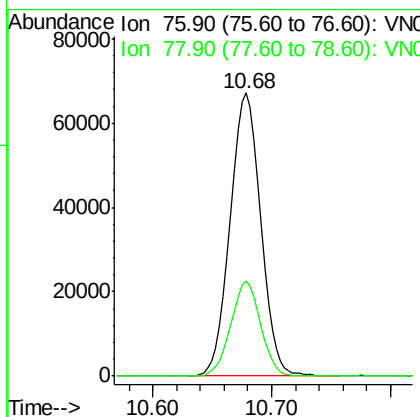
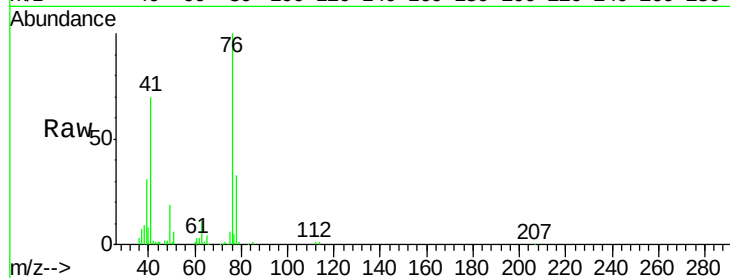
#57
 1,3-Dichloropropane
 Concen: 18.166 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8

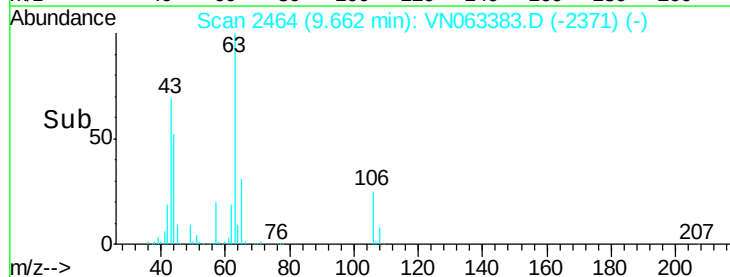
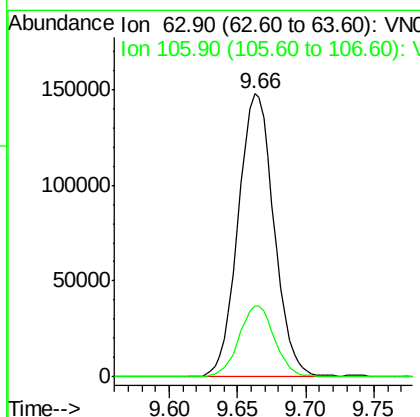
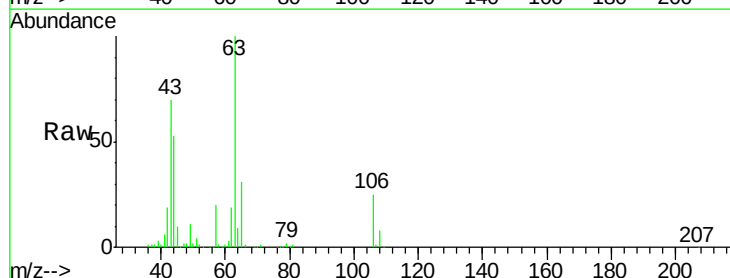
Manual Integrations
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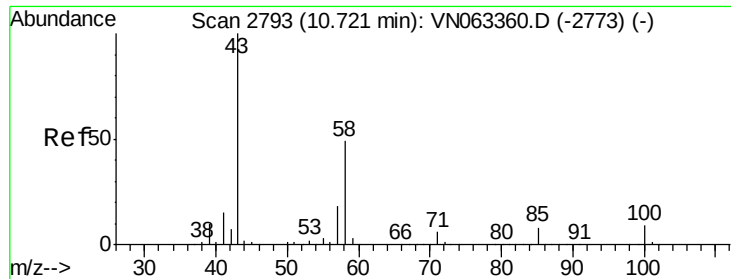
MMDadoda
 9/17/2020 1:44:06 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.705 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.0	19.5	29.3





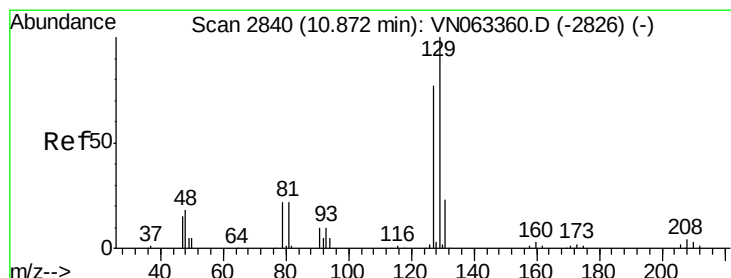
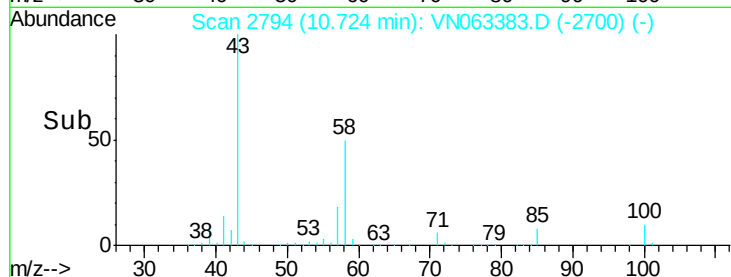
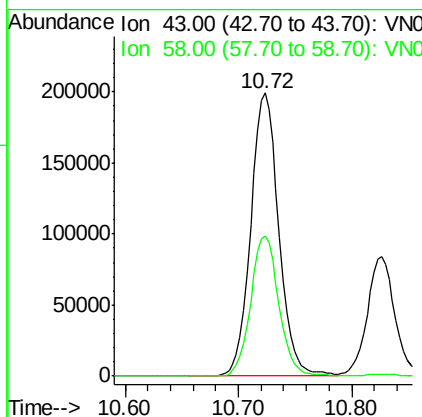
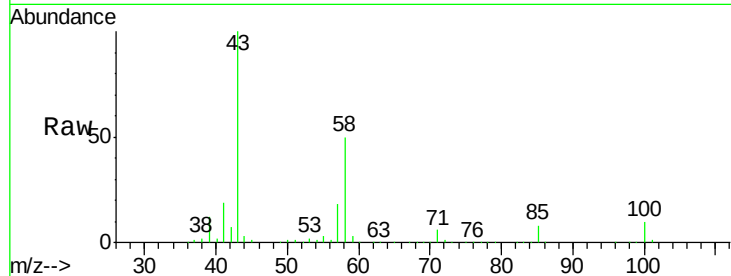
#59
2-Hexanone
Concen: 89.219 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion: 43 Resp: 341251
Ion Ratio Lower Upper
43 100
58 50.0 24.7 74.1

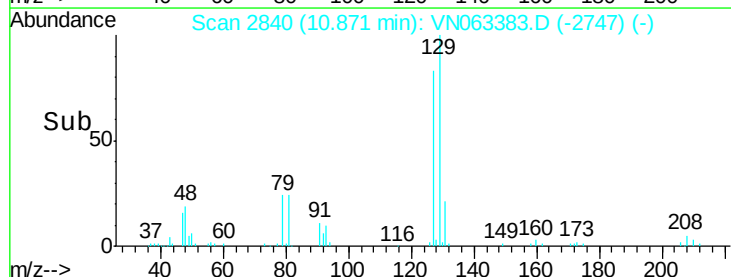
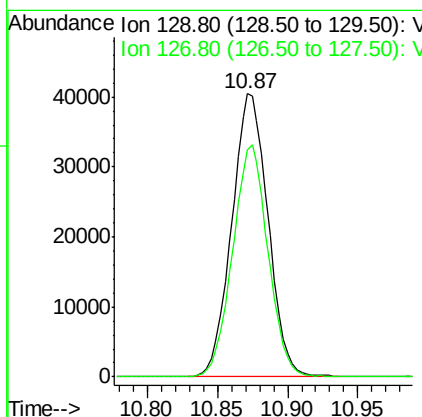
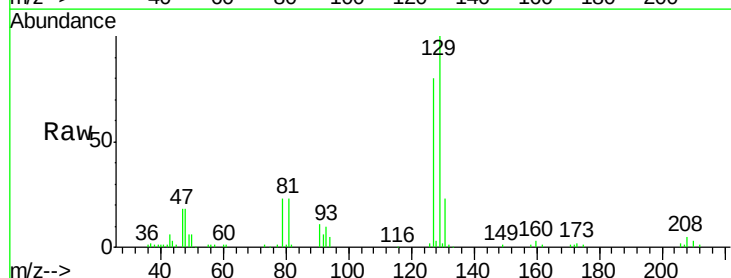
Manual Integrations
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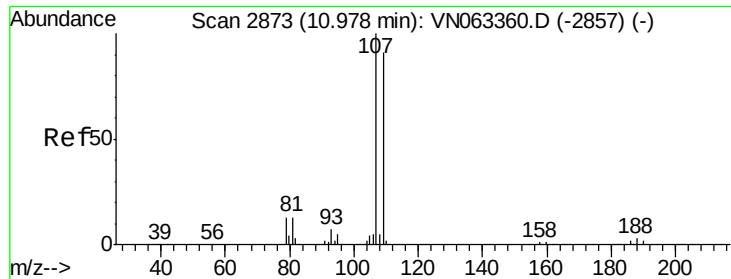
MMDadoda
9/17/2020 1:44:06 PM



#60
Dibromochloromethane
Concen: 17.581 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion: 129 Resp: 72759
Ion Ratio Lower Upper
129 100
127 79.9 39.1 117.3





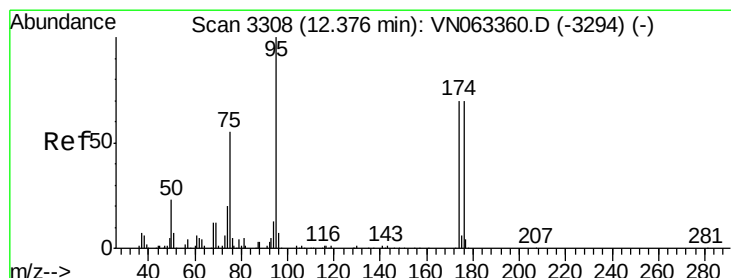
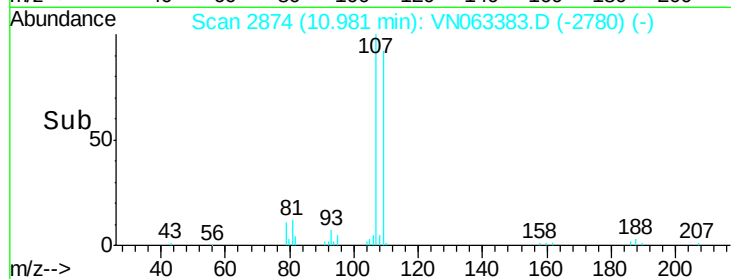
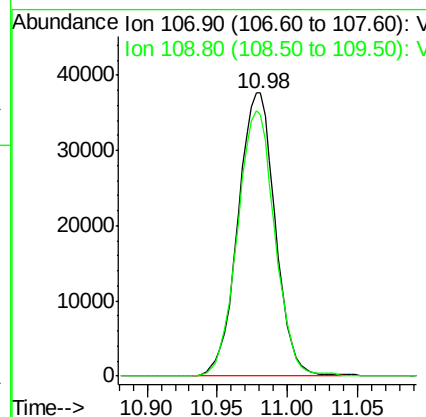
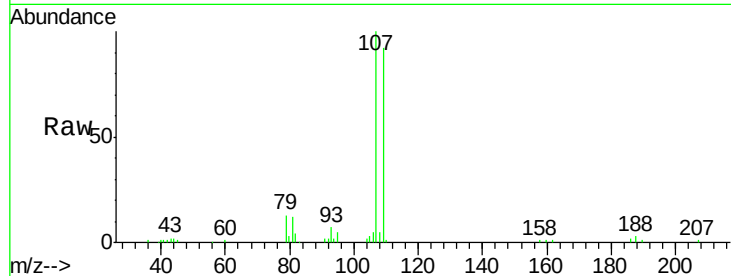
#61
 1,2-Dibromoethane
 Concen: 18.248 ug/l
 RT: 10.98 min Scan# 2874
 Delta R.T. 0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.6	111.8

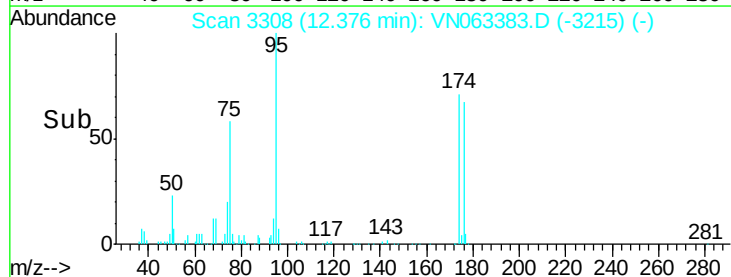
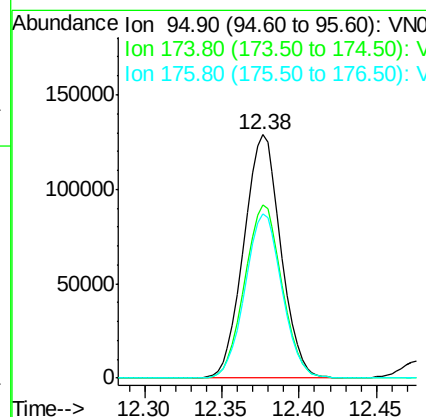
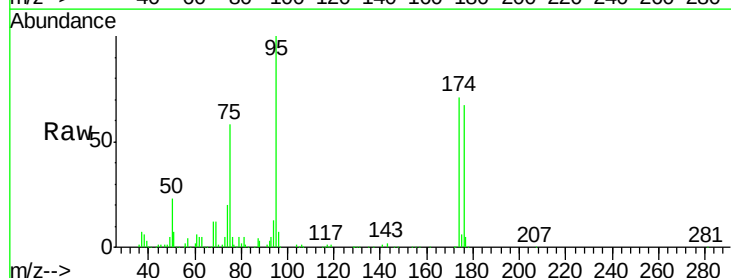
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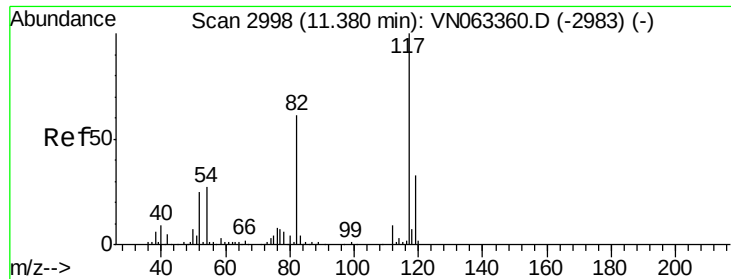
MMDadoda
 9/17/2020 1:44:06 PM



#62
 4-Bromofluorobenzene
 Concen: 44.647 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	140.8
176	67.5	0.0	137.6





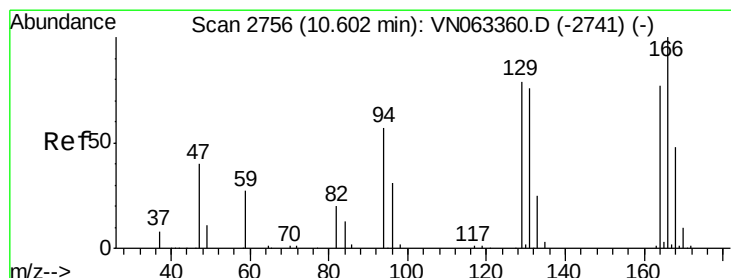
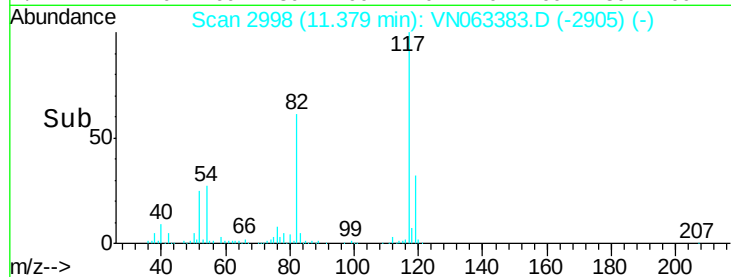
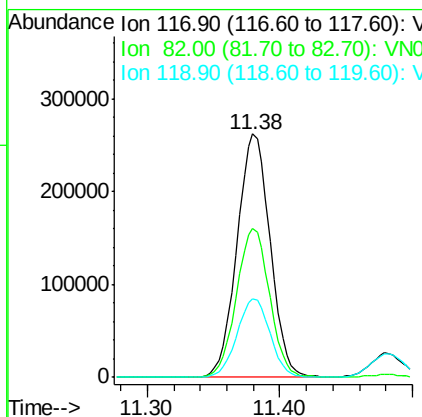
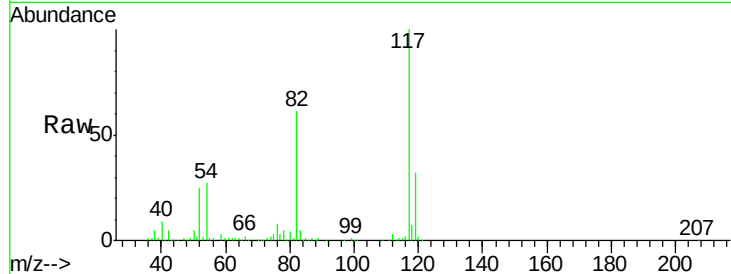
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.2	73.8
119	32.4	26.2	39.4

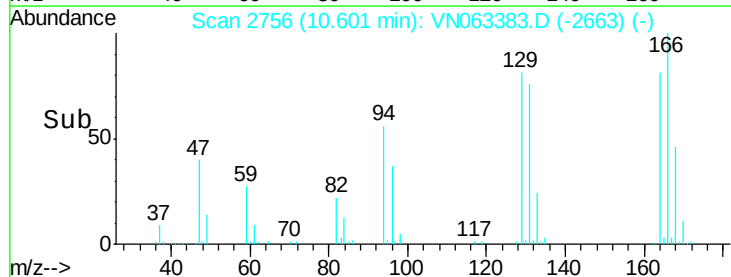
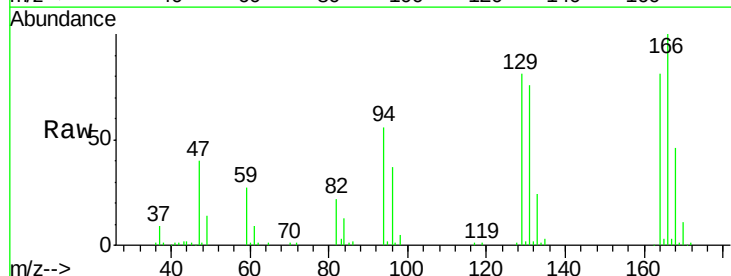
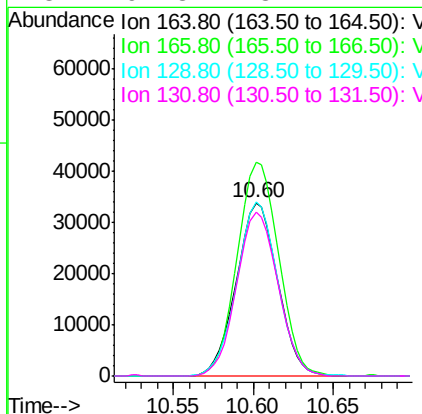
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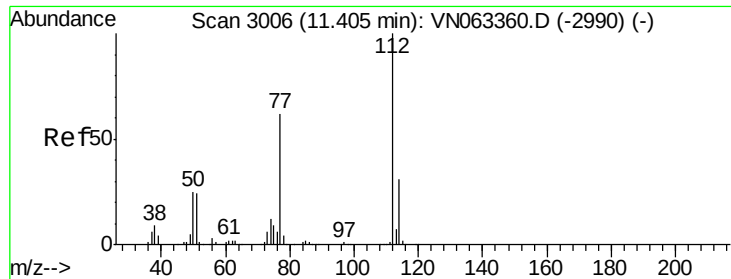
MMDadoda
9/17/2020 1:44:06 PM



#64
Tetrachloroethene
Concen: 19.194 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	103.4	155.0
129	100.3	81.8	122.6
131	94.3	78.2	117.4





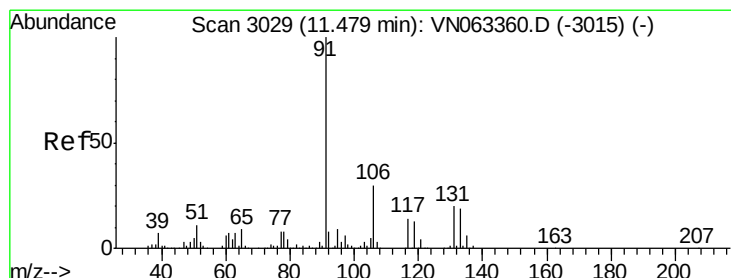
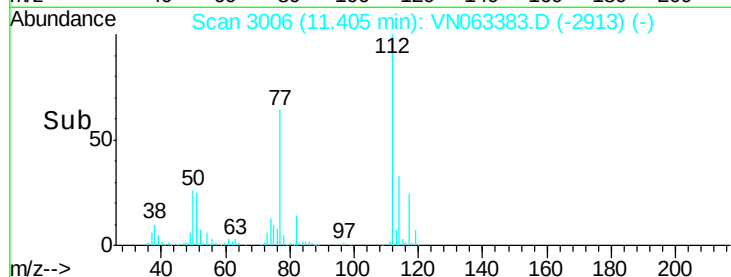
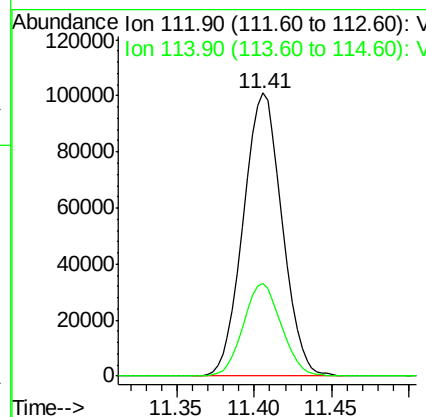
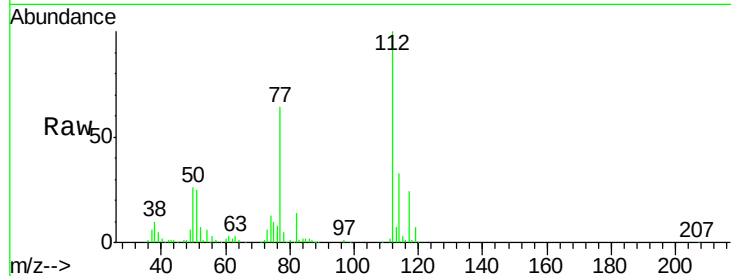
#65
Chlorobenzene
Concen: 18.269 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion:112 Resp: 176482
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6

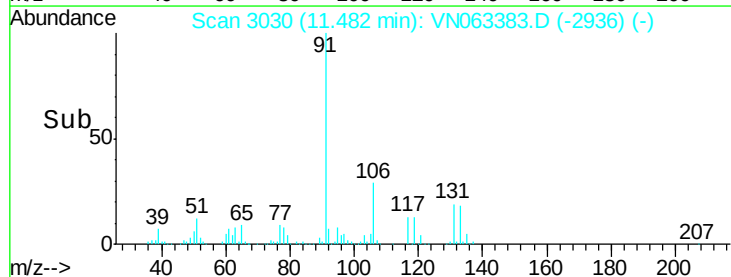
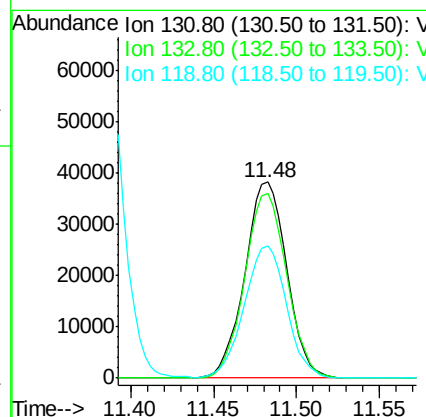
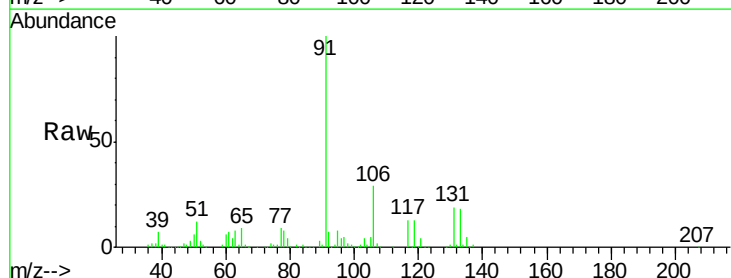
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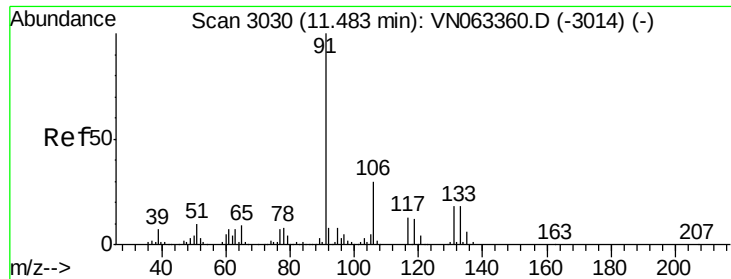
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.043 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion:131 Resp: 67432
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.9
119 68.0 33.6 100.8





#67

Ethyl Benzene

Concen: 18.639 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBS02

Tot Ion: 91 Resp: 339073

Ion Ratio Lower Upper

91 100

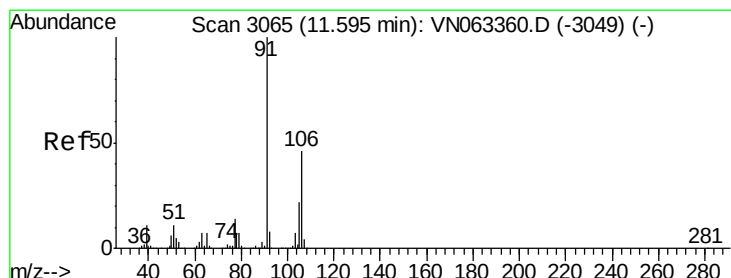
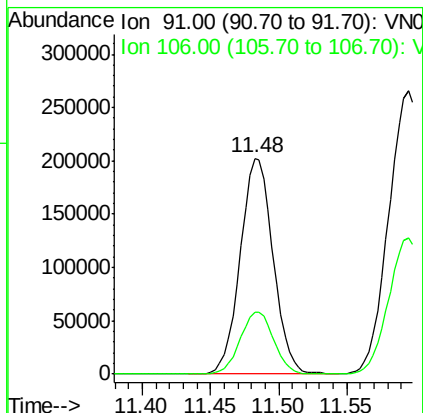
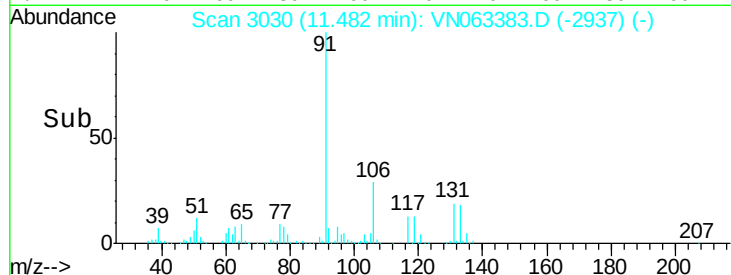
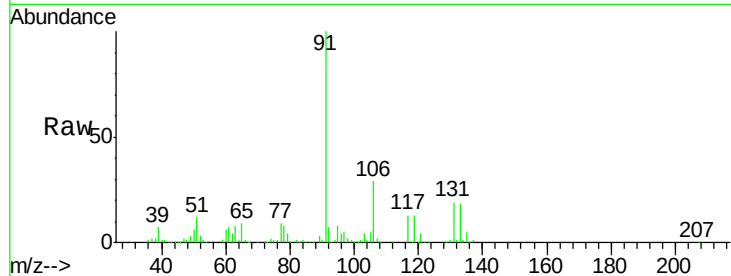
106 28.7 23.8 35.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.400 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063383.D

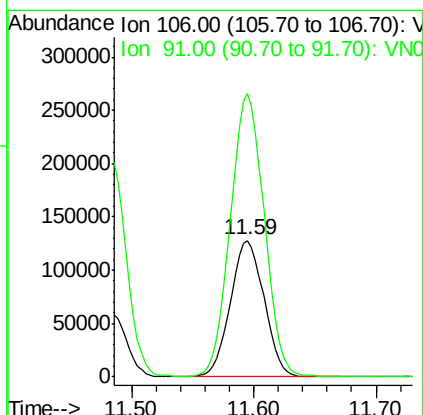
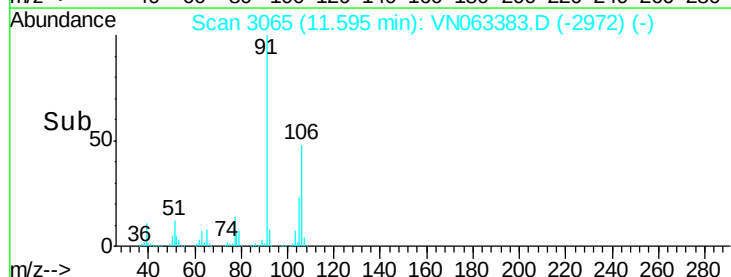
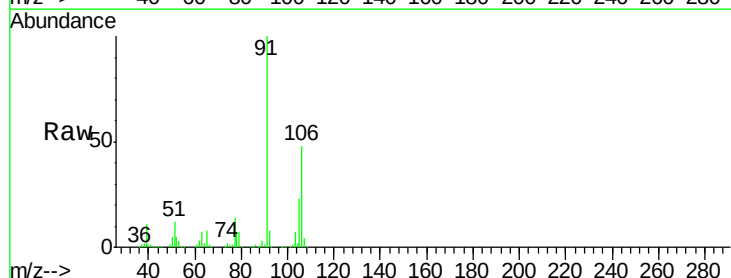
Acq: 16 Sep 2020 23:28

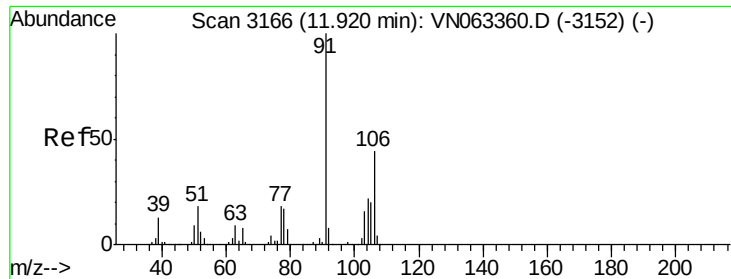
Tgt Ion: 106 Resp: 245308

Ion Ratio Lower Upper

106 100

91 207.9 171.2 256.8





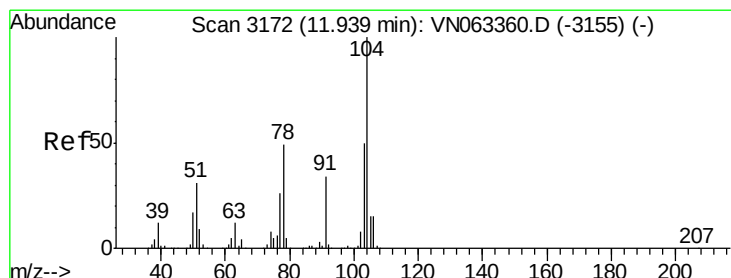
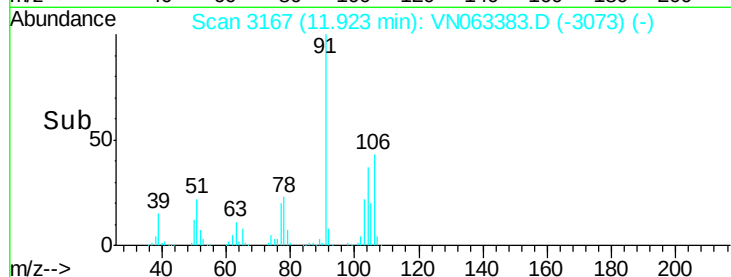
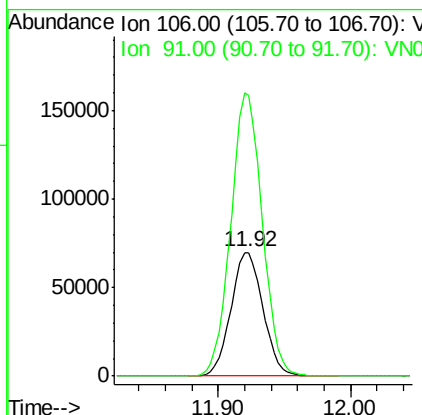
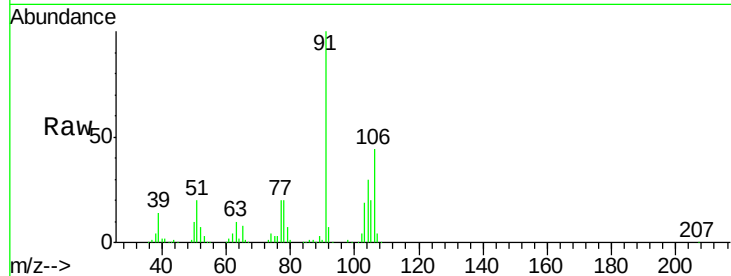
#69
o-Xylene
Concen: 18.757 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		117193		
91	224.7	113.6	340.8		

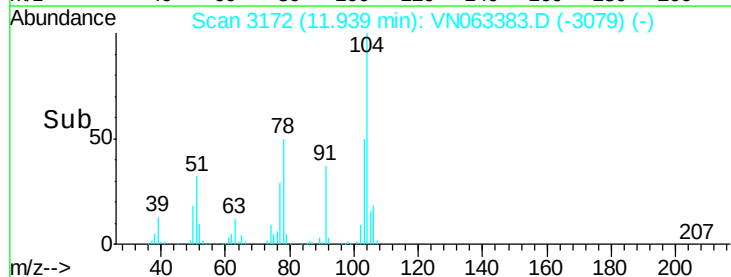
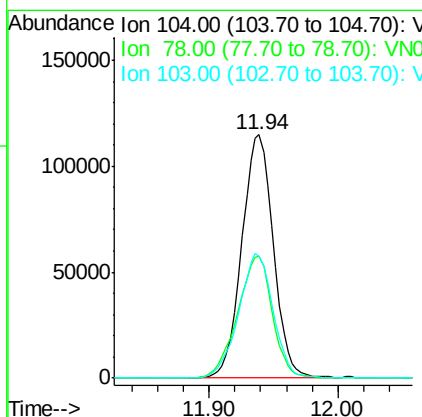
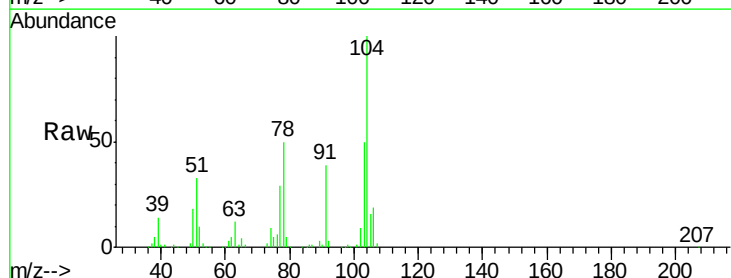
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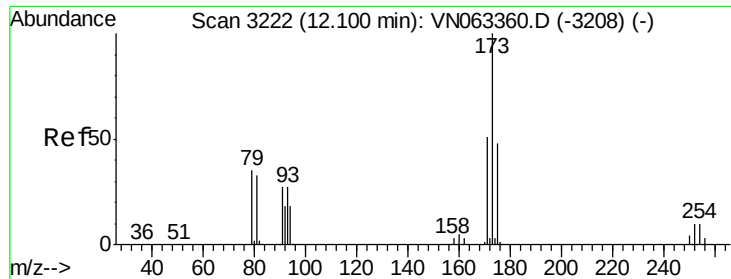
MMDadoda
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#70
Styrene
Concen: 18.711 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		196053		
78	55.1	44.4	66.6		
103	55.8	43.7	65.5		





#71

Bromoform

Concen: 17.955 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

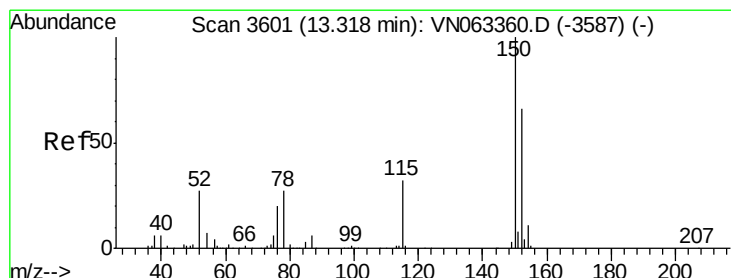
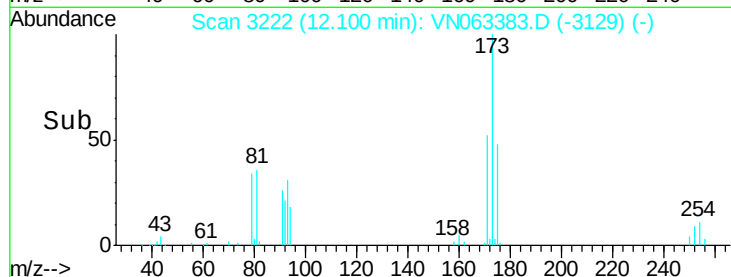
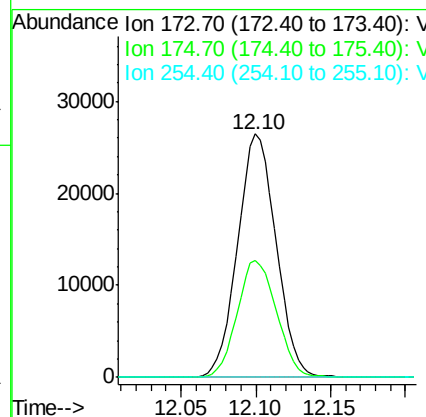
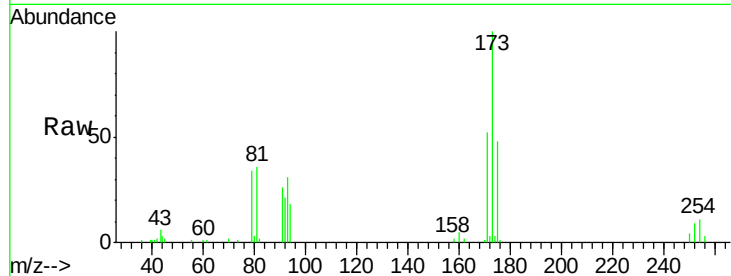
ClientSampleId :

VN0916WBS02

Tot Ion:	173	Resp:	47364
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

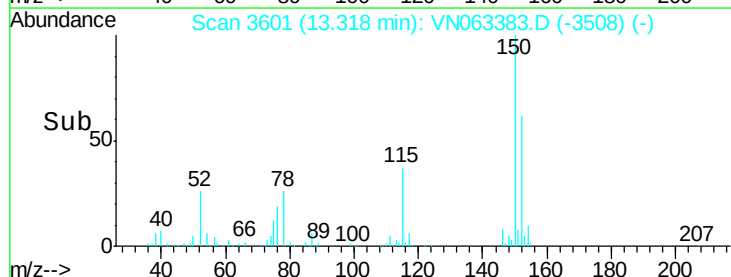
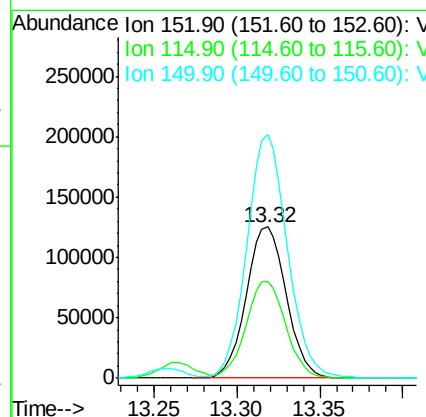
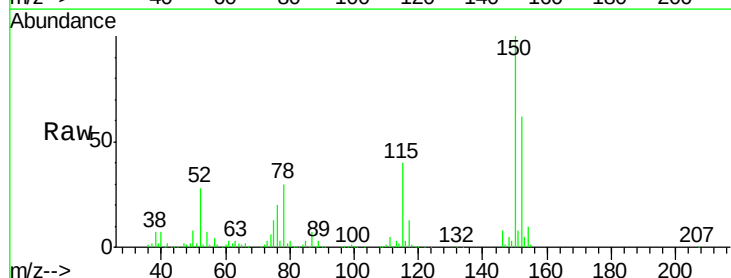
RT: 13.32 min Scan# 3601

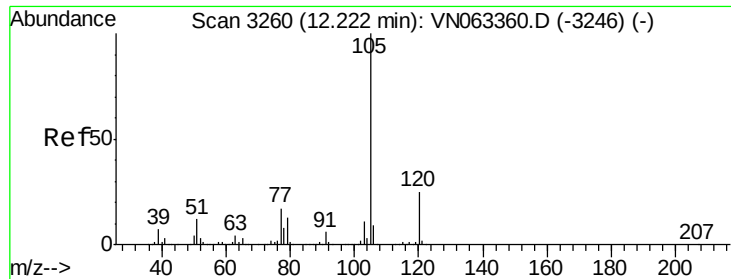
Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Tgt Ion:	152	Resp:	209593
Ion Ratio	Lower	Upper	
152	100		
115	63.8	32.2	96.6
150	162.8	0.0	343.4





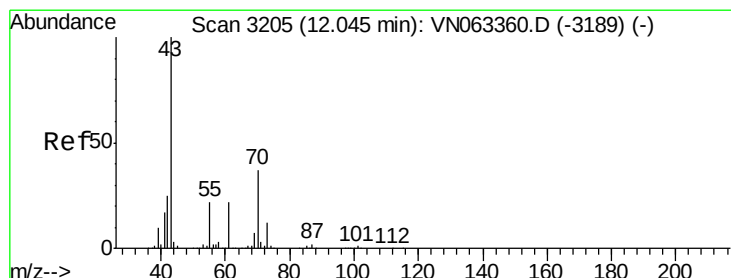
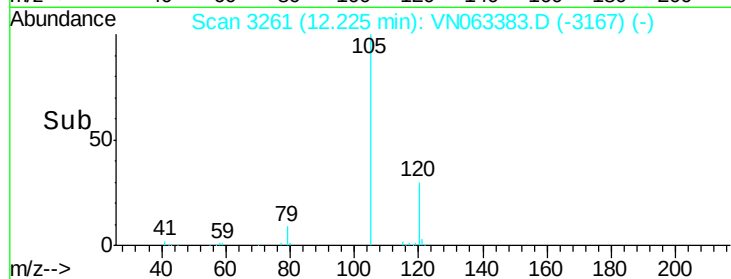
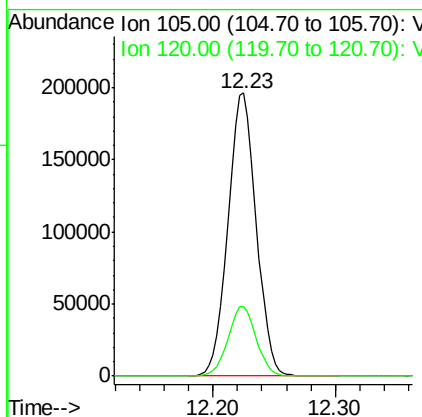
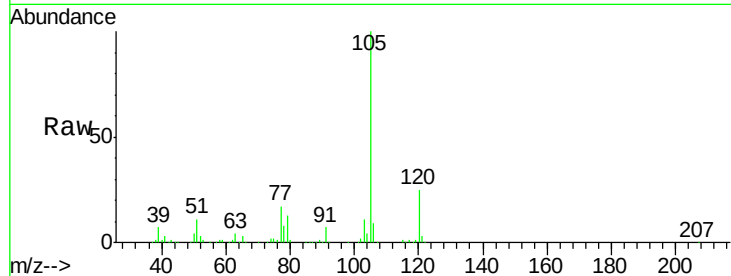
#73
Isopropylbenzene
Concen: 18.884 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampled :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	24.7	12.7	38.0

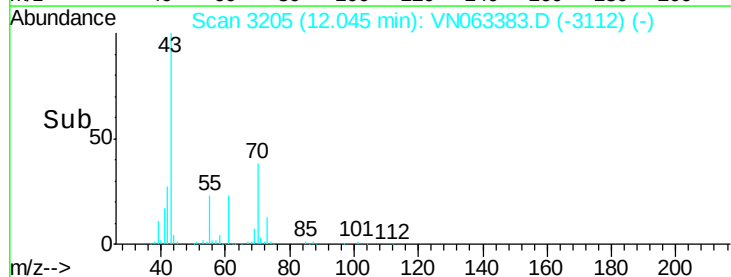
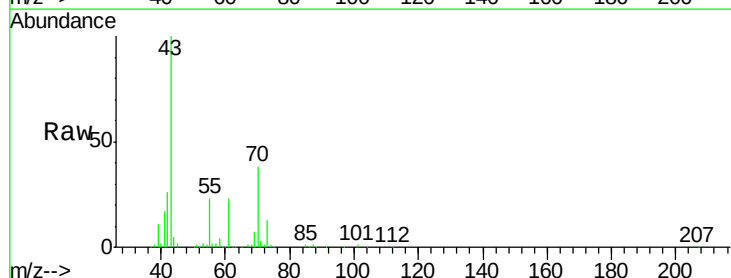
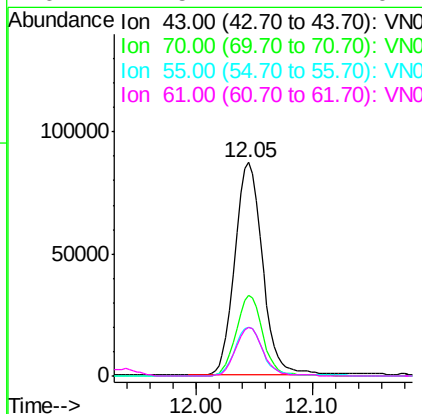
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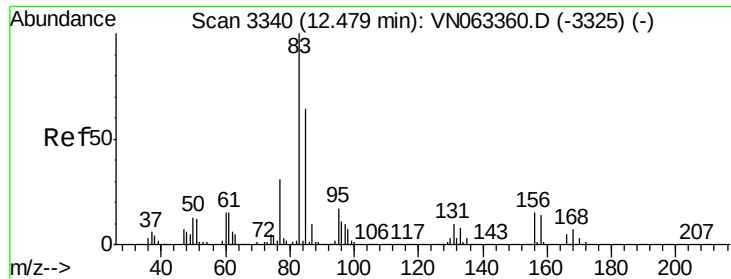
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#74
N-ethyl acetate
Concen: 18.164 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.5	29.6	44.4
55	23.2	17.7	26.5
61	22.5	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.808 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

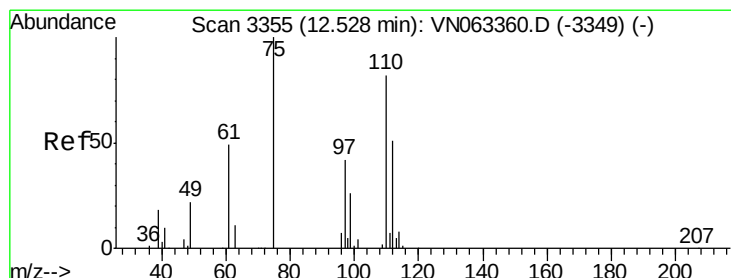
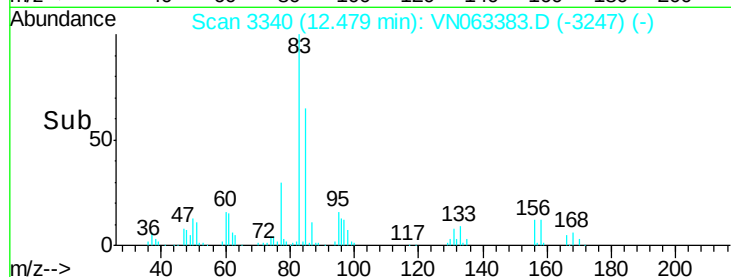
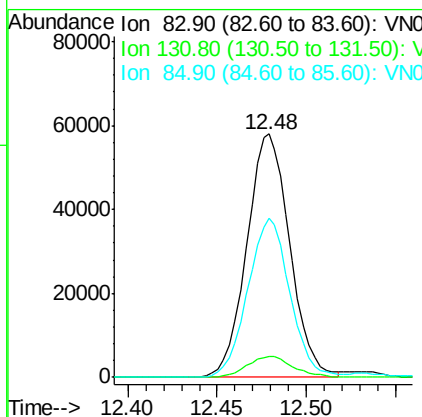
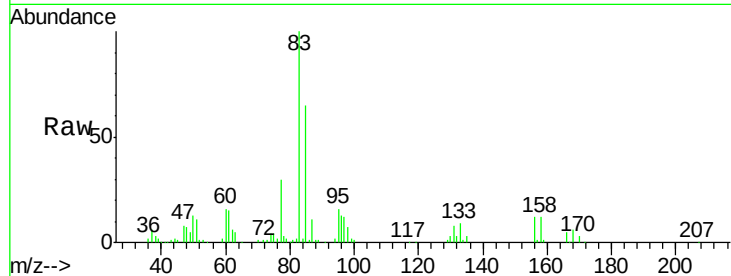
ClientSampleId :

VN0916WBS02

Tot Ion:	83	Resp:	97812
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.9	14.7
85	64.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 17.093 ug/l m

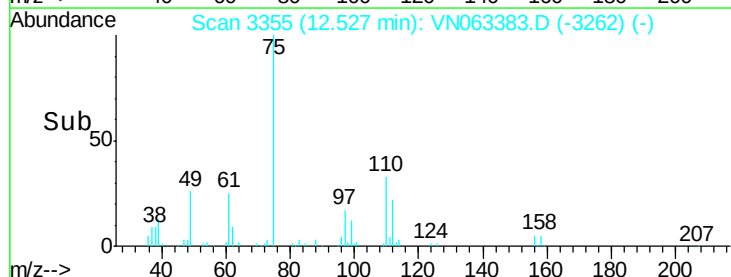
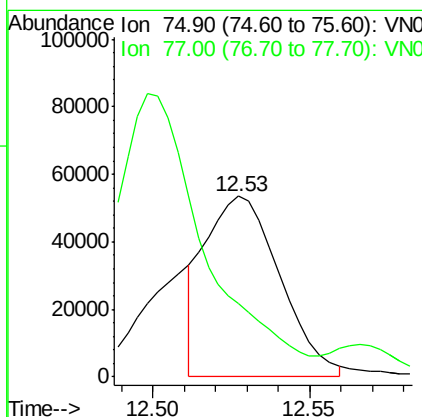
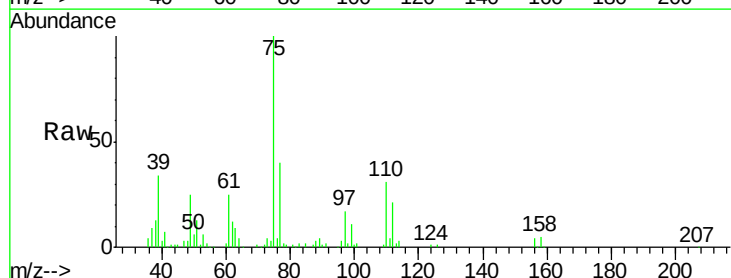
RT: 12.53 min Scan# 3355

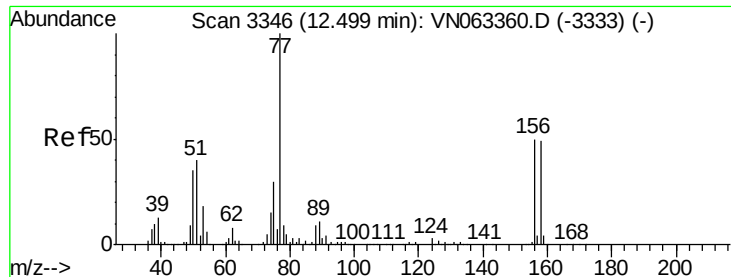
Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Tgt Ion:	75	Resp:	88676
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.571 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

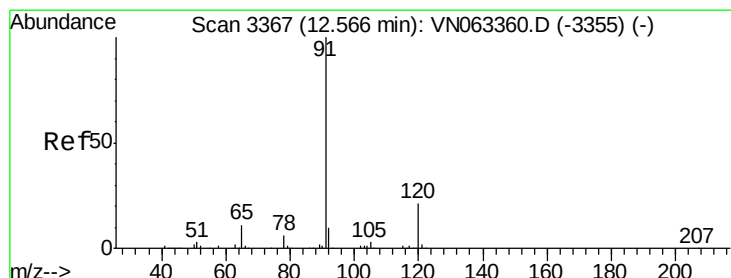
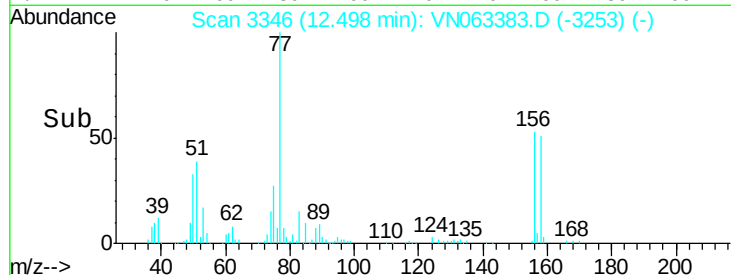
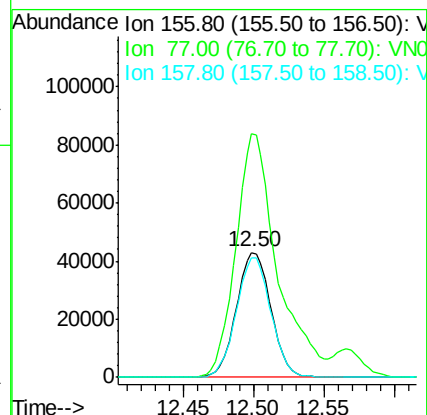
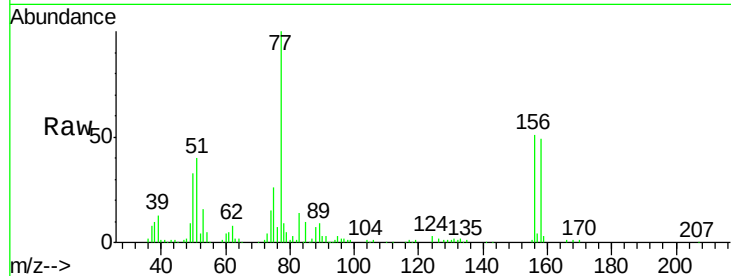
ClientSampleId :

VN0916WBS02

Tot Ion:156 Resp: 73940
 Ion Ratio Lower Upper
 156 100
 77 233.1 120.2 360.6
 158 95.7 48.9 146.6

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#78

n-propylbenzene

Concen: 18.823 ug/l

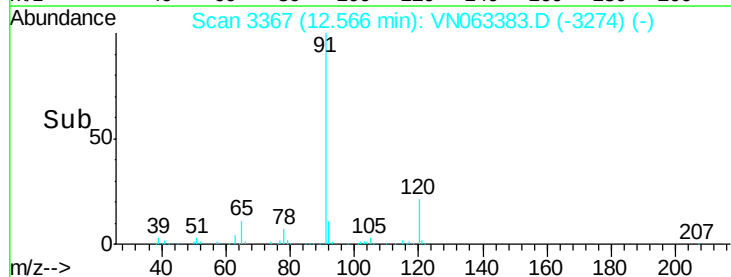
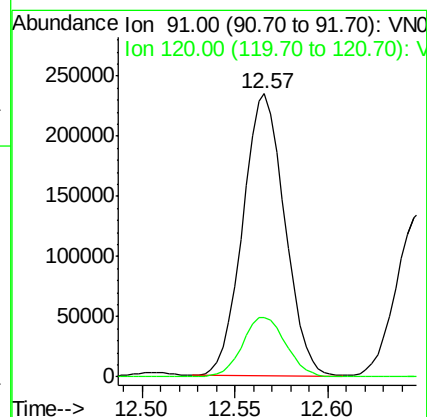
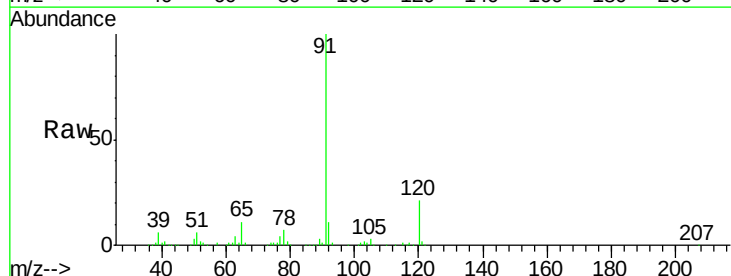
RT: 12.57 min Scan# 3367

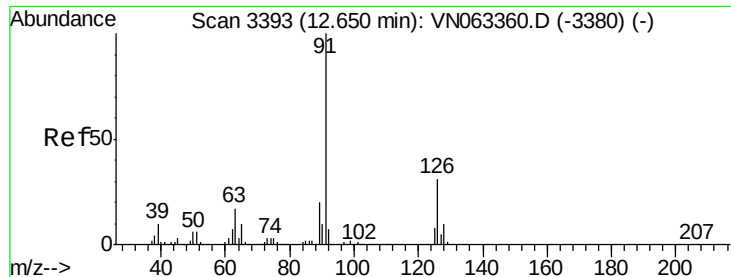
Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Tgt Ion: 91 Resp: 368216
 Ion Ratio Lower Upper
 91 100
 120 21.8 10.8 32.3





#79

2-Chlorotoluene

Concen: 19.015 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBS02

Tot Ion: 91 Resp: 222983

Ion Ratio Lower Upper

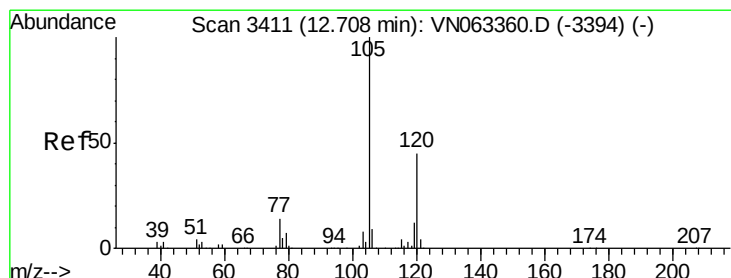
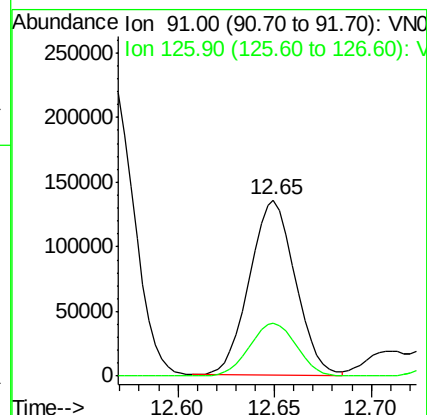
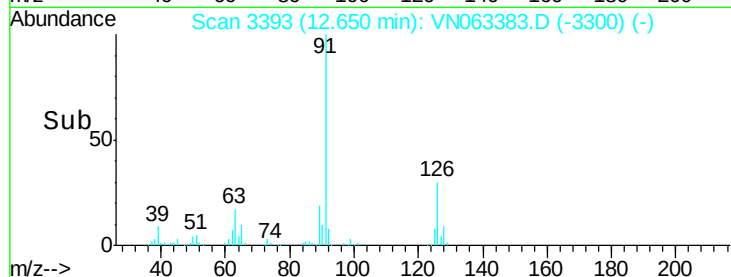
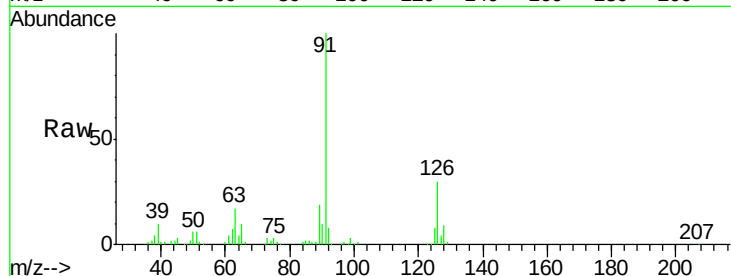
91 100

126 31.2 15.8 47.3

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#80

1,3,5-Trimethylbenzene

Concen: 19.061 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063383.D

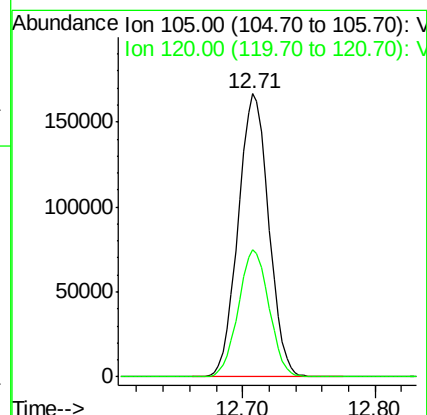
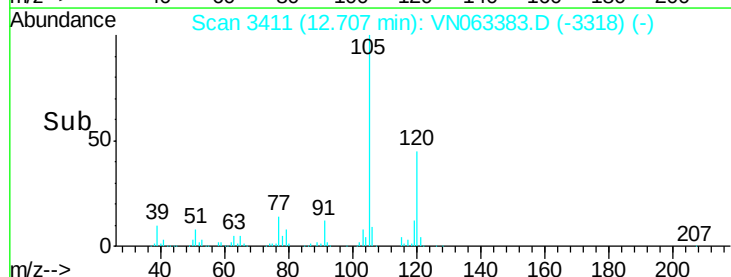
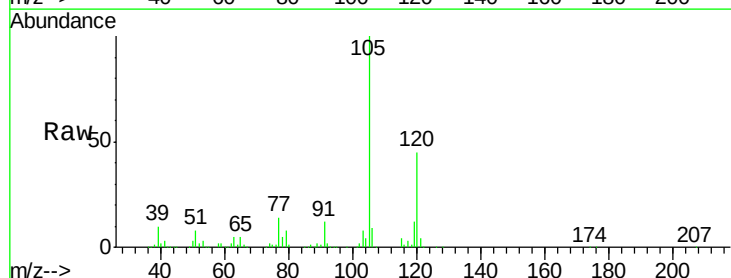
Acq: 16 Sep 2020 23:28

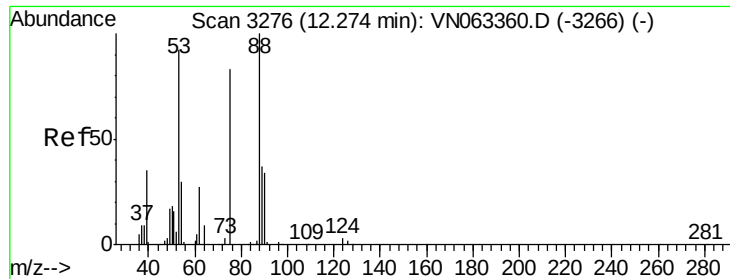
Tgt Ion: 105 Resp: 266960

Ion Ratio Lower Upper

105 100

120 45.1 22.9 68.8





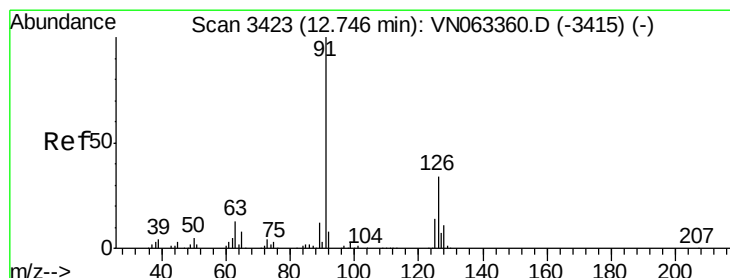
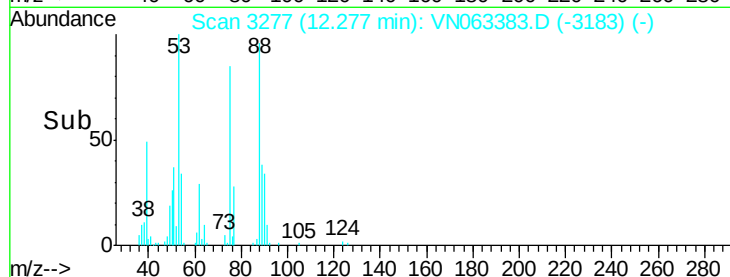
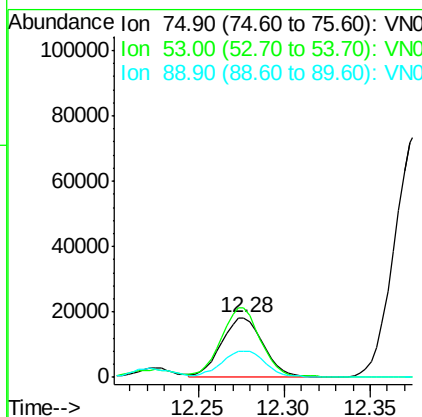
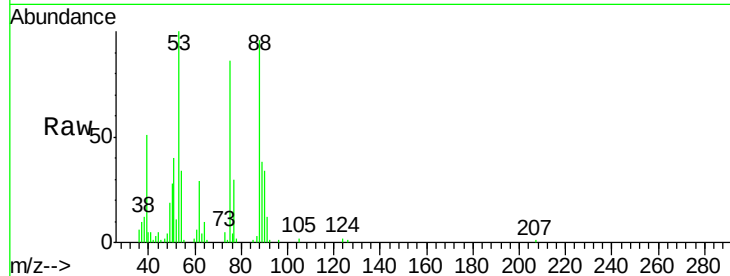
#81
trans-1,4-Dichloro-2-butene
Concen: 16.621 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.1	85.7	128.5
89	46.1	38.0	57.0

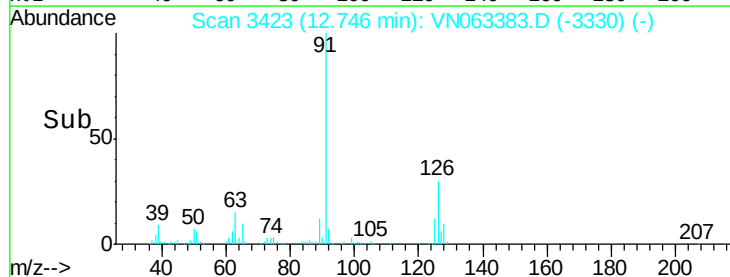
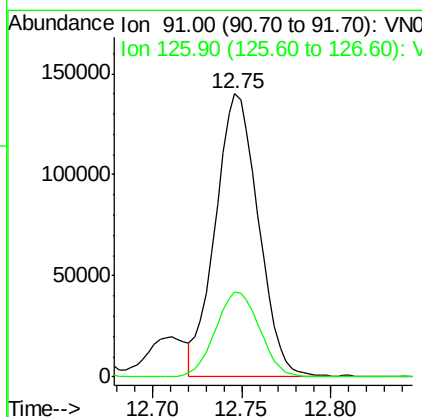
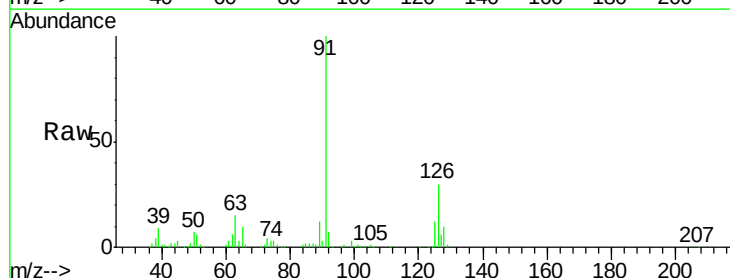
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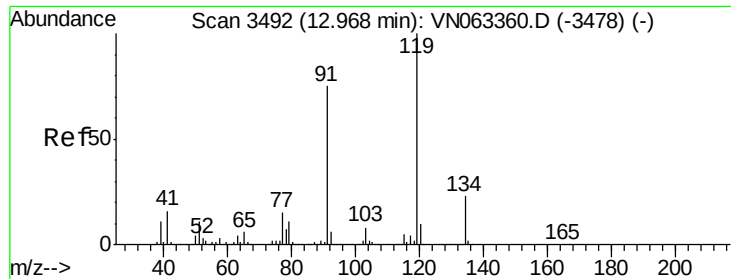
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#82
4-Chlorotoluene
Concen: 18.723 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.5	46.5





#83

tert-Butylbenzene

Concen: 18.938 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

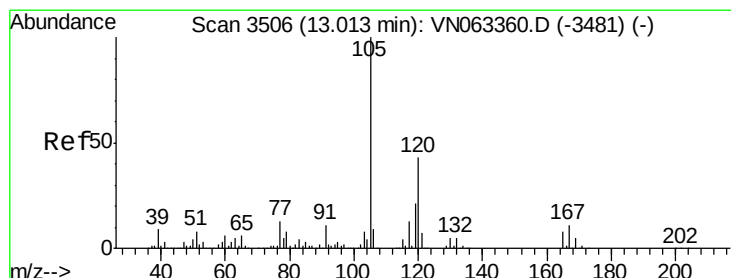
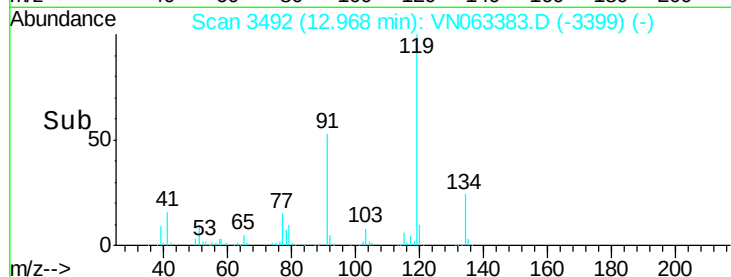
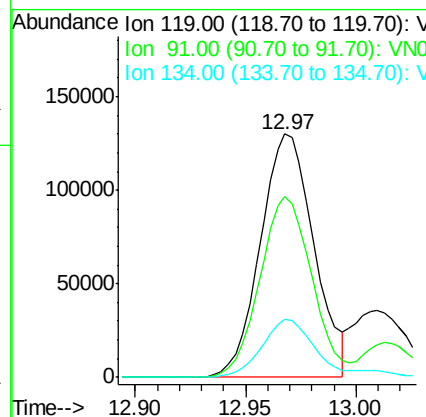
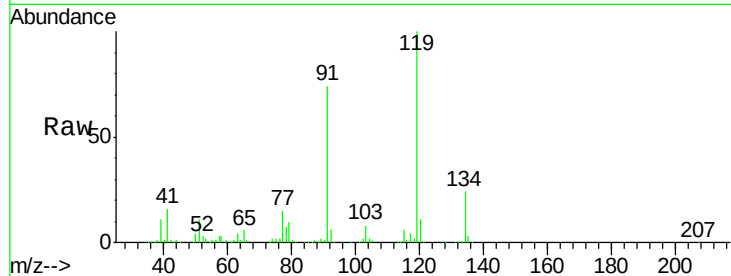
ClientSampleId :

VN0916WBS02

Tot Ion:	119	Resp:	218910
Ion Ratio	Lower	Upper	
119	100		
91	71.9	36.3	108.9
134	24.9	12.3	36.8

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#84

1,2,4-Trimethylbenzene

Concen: 18.825 ug/l

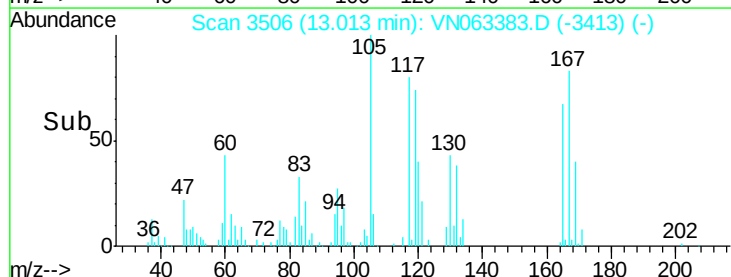
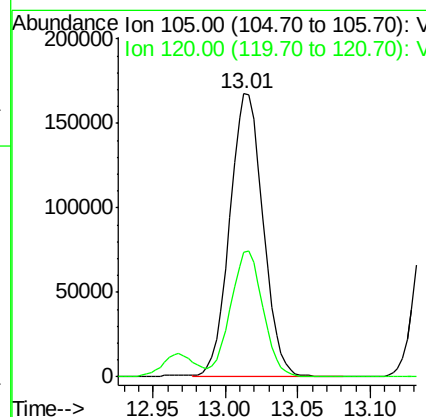
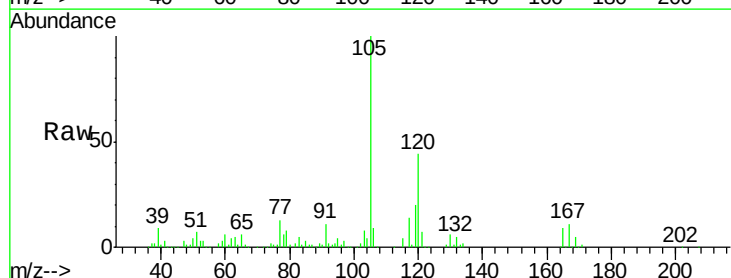
RT: 13.01 min Scan# 3506

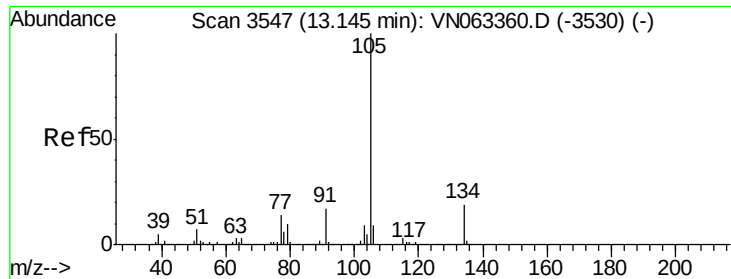
Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Tgt Ion:	105	Resp:	266311
Ion Ratio	Lower	Upper	
105	100		
120	43.6	21.3	63.9





#85

sec-Butylbenzene

Concen: 18.816 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBS02

Tot Ion:105 Resp: 291142

Ion Ratio Lower Upper

105 100

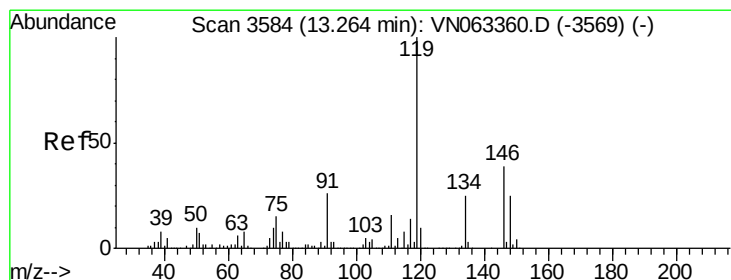
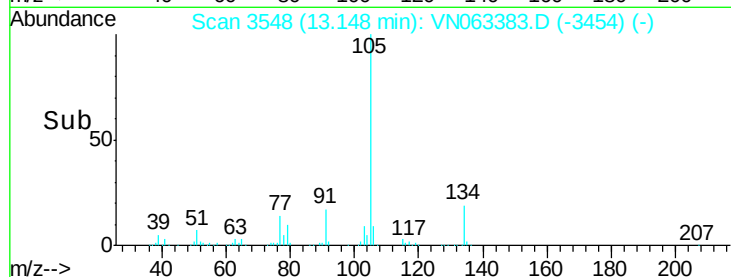
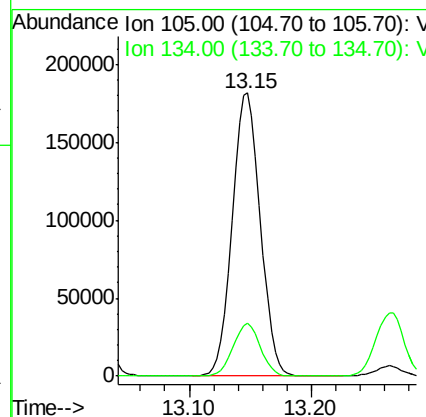
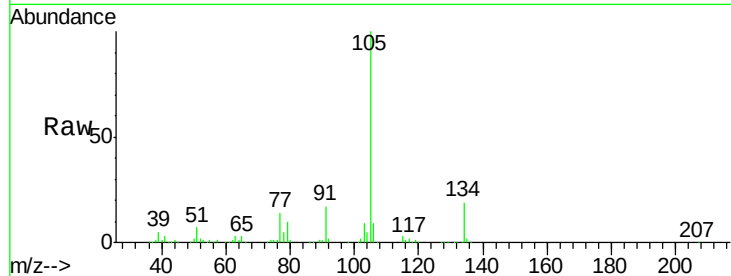
134 18.2 9.3 27.7

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#86

p-Isopropyltoluene

Concen: 18.524 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063383.D

Acq: 16 Sep 2020 23:28

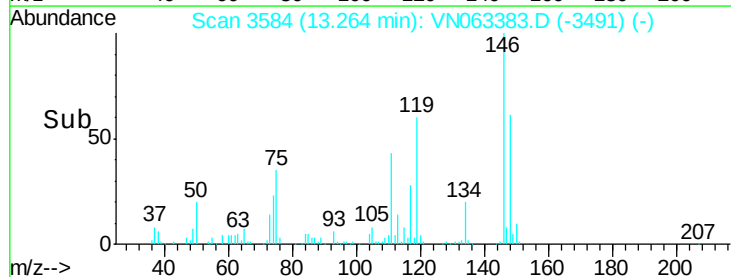
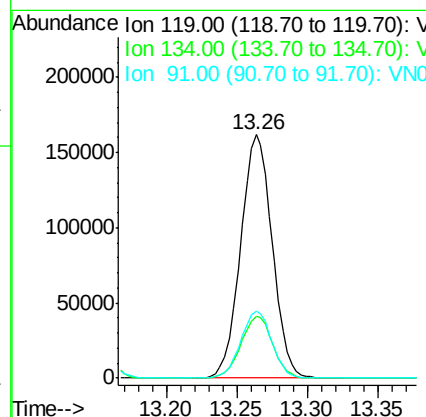
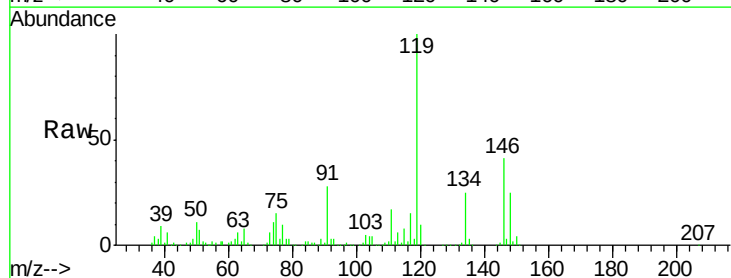
Tgt Ion:119 Resp: 252797

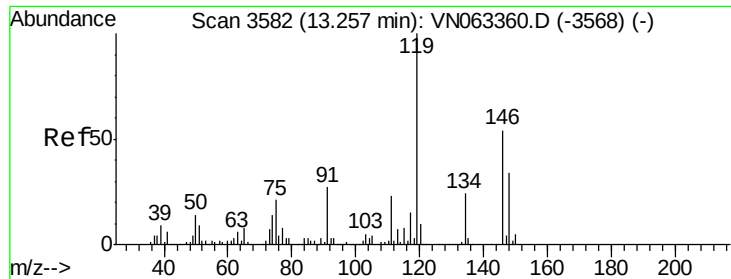
Ion Ratio Lower Upper

119 100

134 25.8 12.5 37.5

91 27.2 13.4 40.1





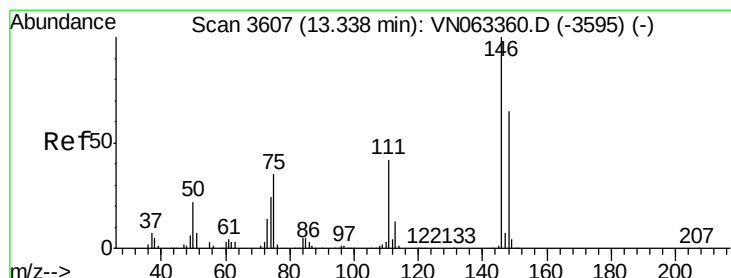
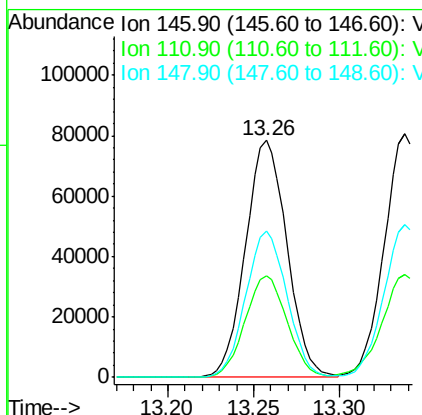
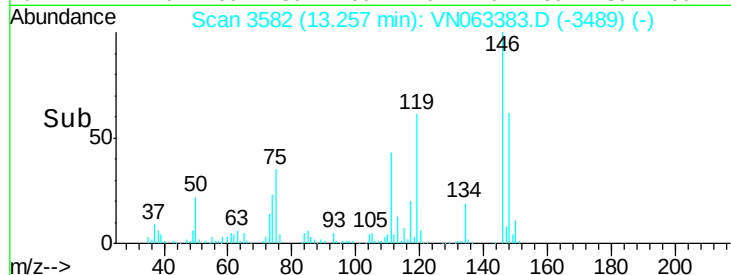
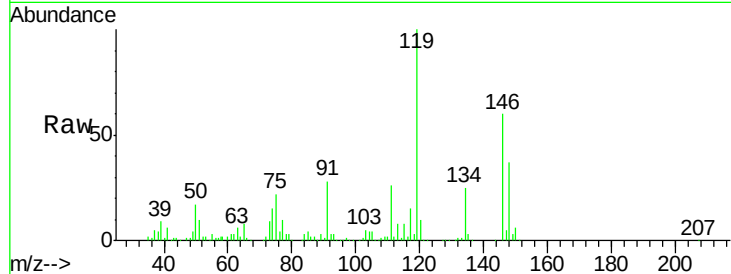
#87
 1,3-Dichlorobenzene
 Concen: 18.765 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	131402		
111	43.1	21.4	64.3	
148	60.9	31.9	95.7	

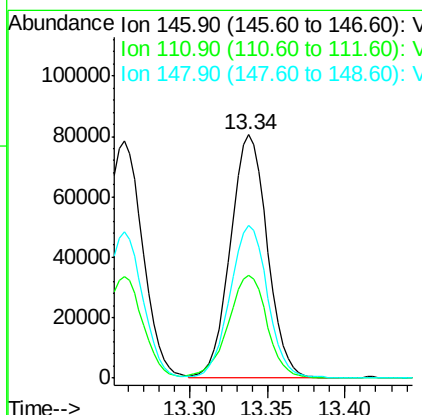
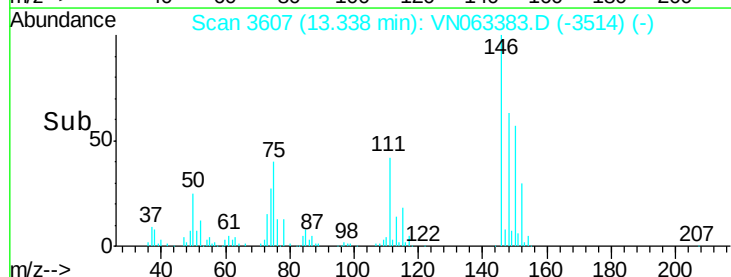
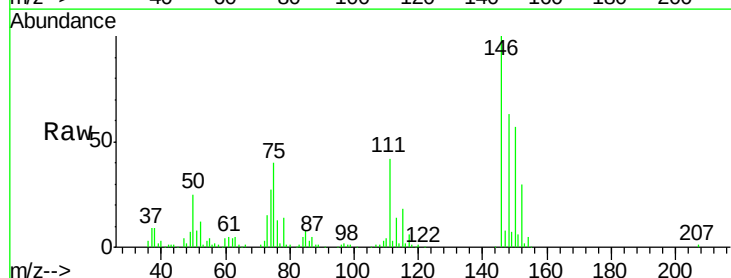
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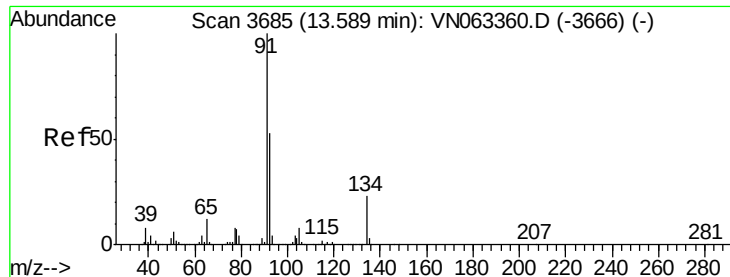
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#88
 1,4-Dichlorobenzene
 Concen: 18.620 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132565		
111	44.4	21.2	63.6	
148	64.6	31.9	95.9	





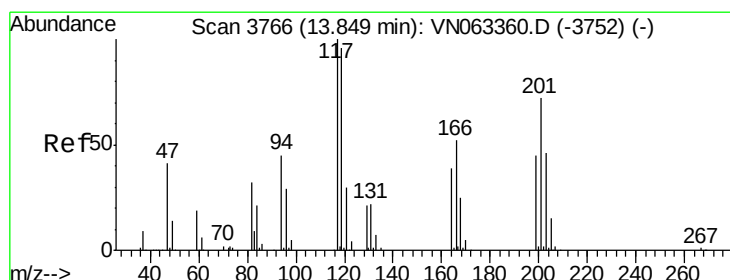
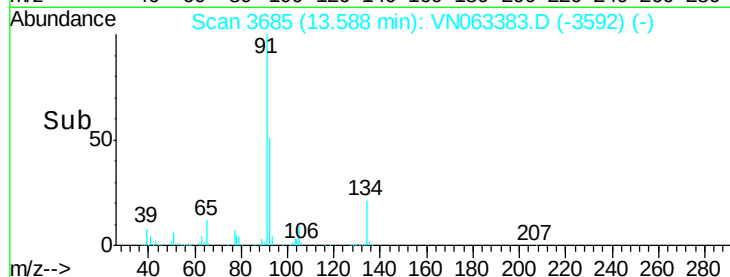
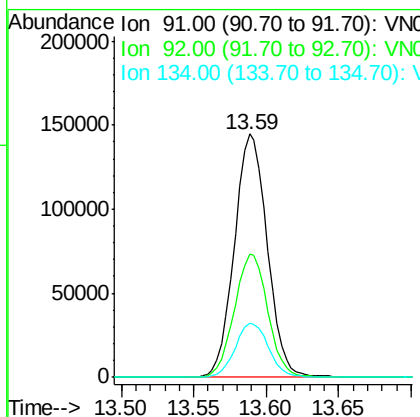
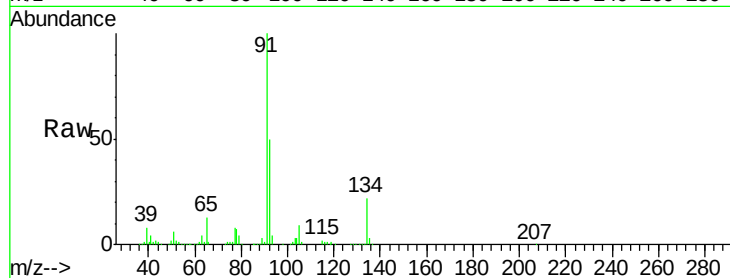
#89
n-Butylbenzene
Concen: 18.137 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	22.5	11.7	35.0

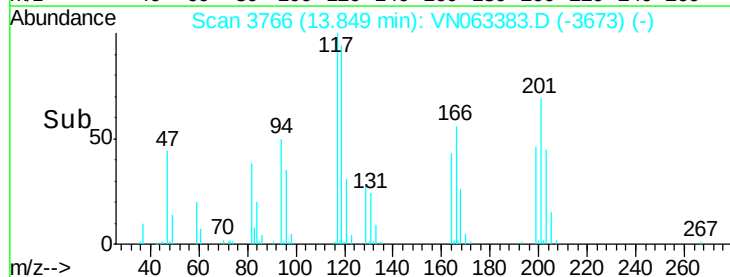
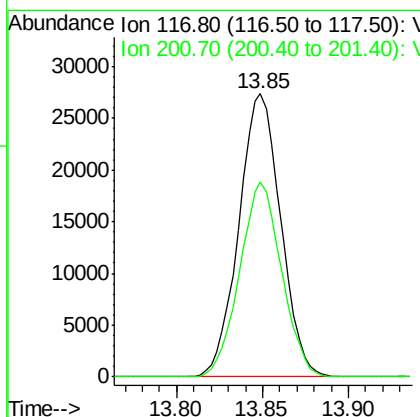
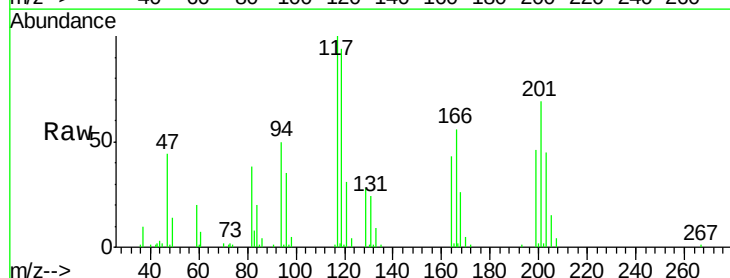
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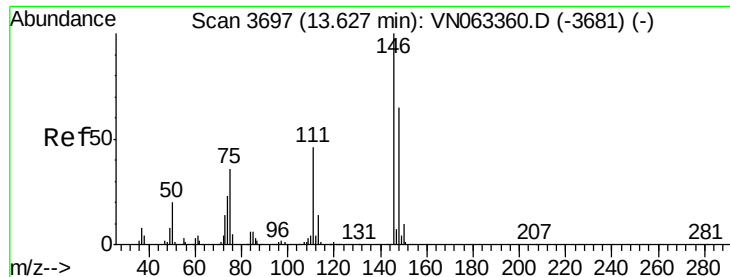
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#90
Hexachloroethane
Concen: 17.770 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.7	35.5	106.7





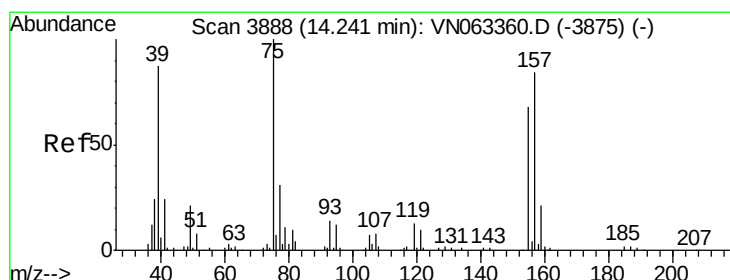
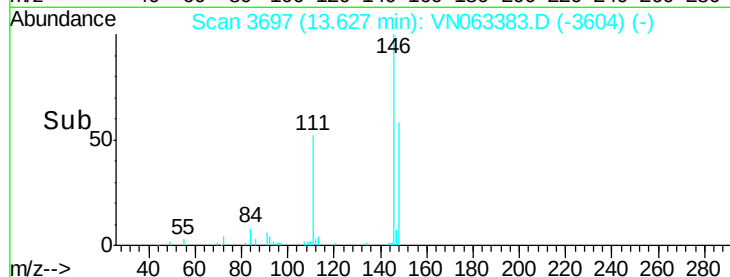
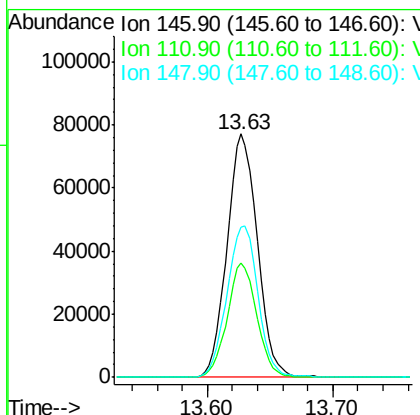
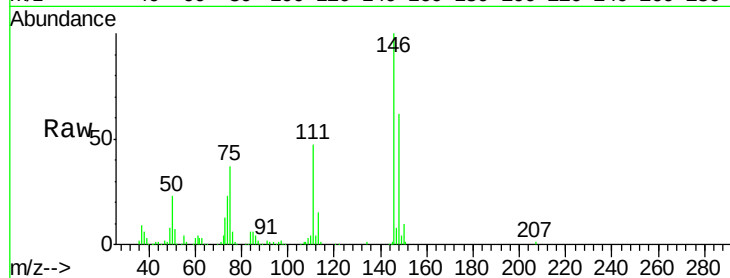
#91
 1,2-Dichlorobenzene
 Concen: 18.921 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0916WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.4	67.2
148	63.5	32.0	96.0

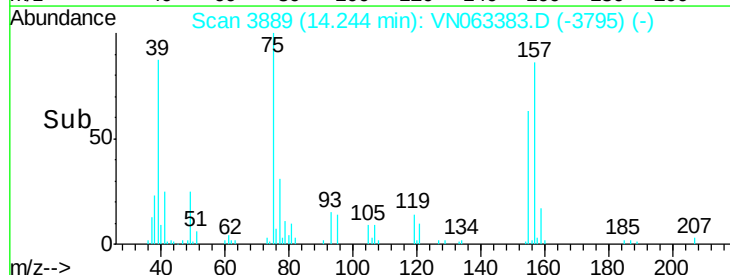
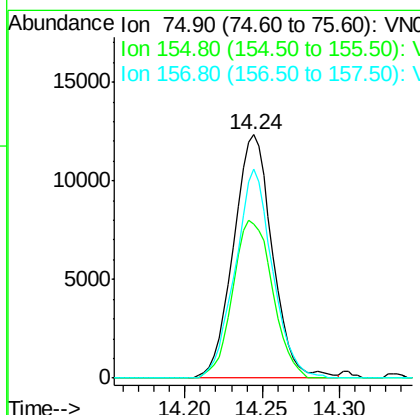
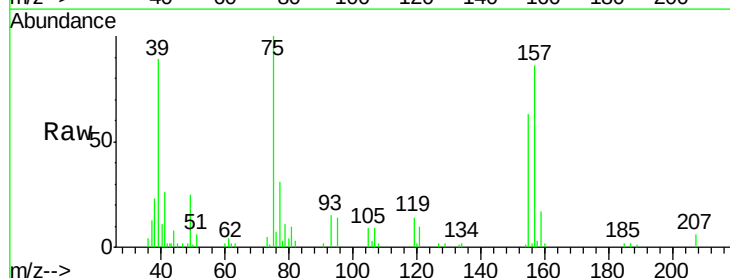
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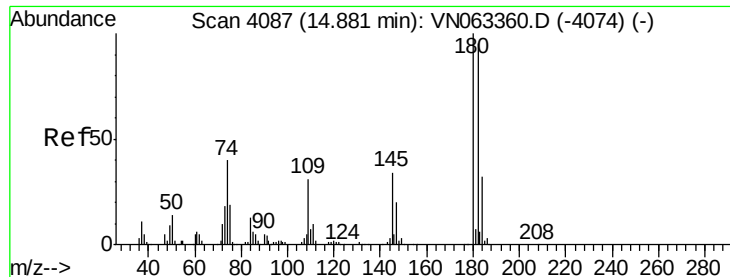
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.396 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.3	34.6	103.9
157	82.1	43.7	131.1





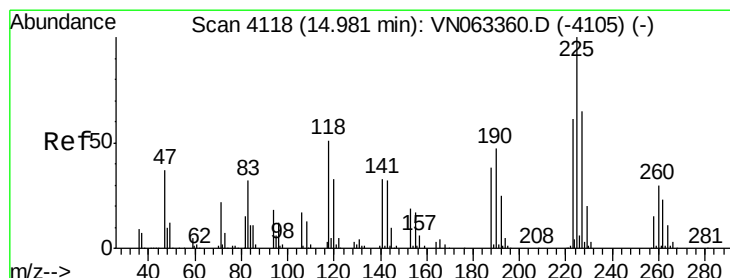
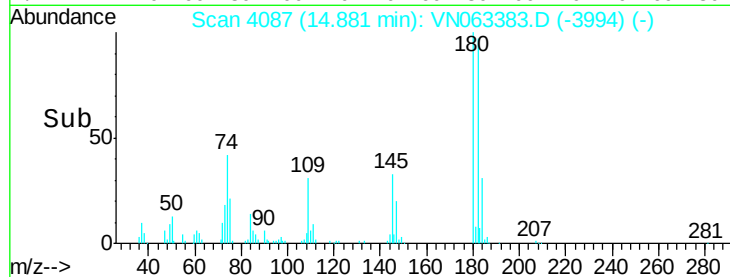
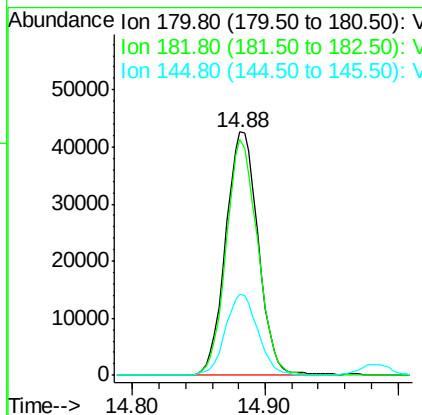
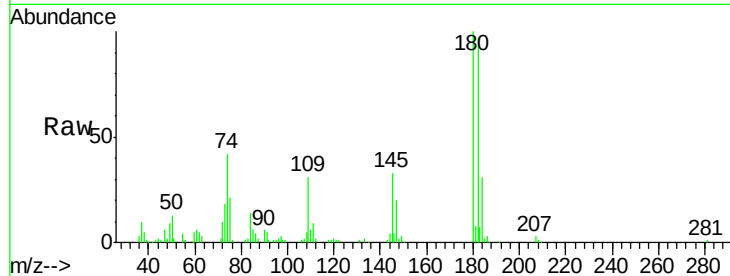
#93
 1,2,4-Trichlorobenzene
 Concen: 17.968 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	142.0
145	33.0	16.6	49.7

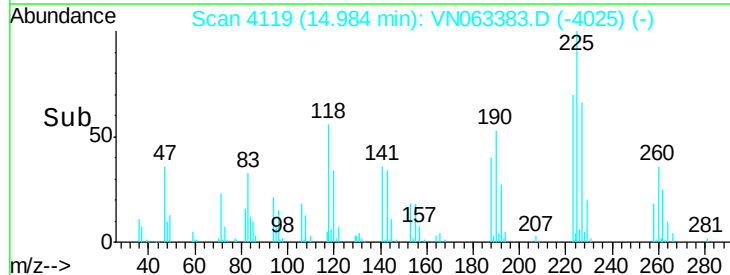
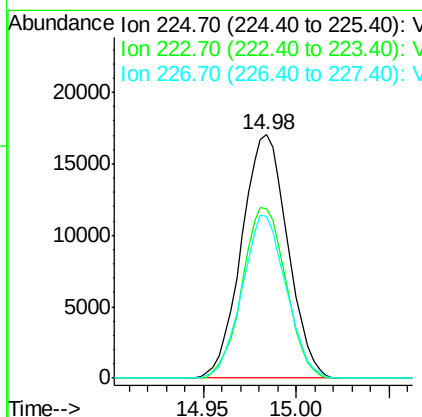
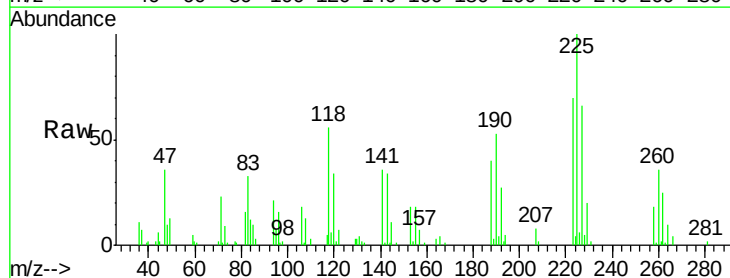
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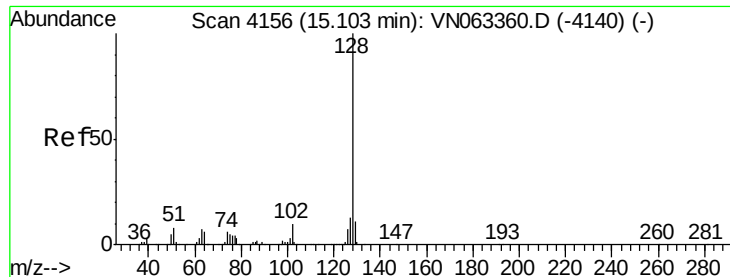
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#94
 Hexachlorobutadiene
 Concen: 17.490 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063383.D
 Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	30.6	91.6
227	63.9	31.2	93.6





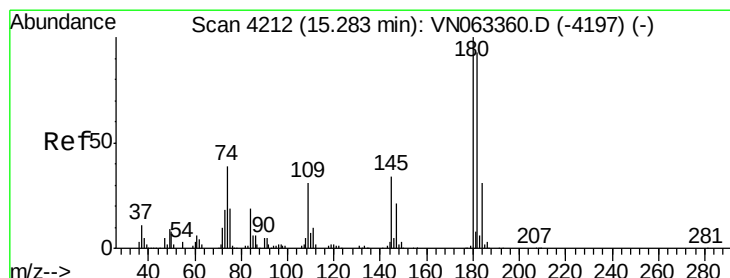
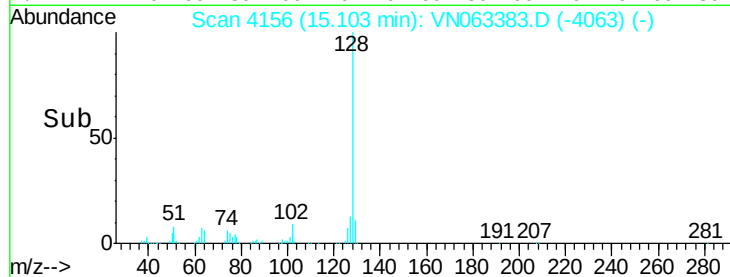
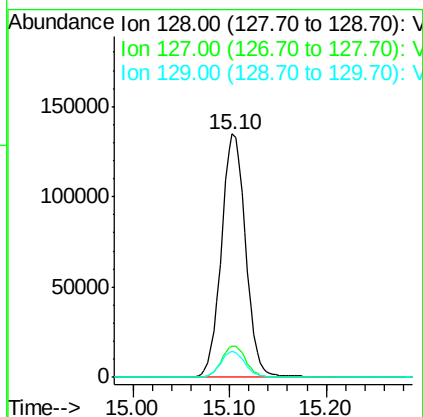
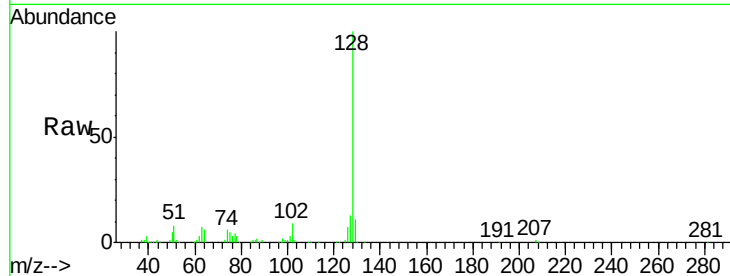
#95
Naphthalene
Concen: 17.558 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	235111		
127	12.9	10.6	15.8	
129	10.7	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:44:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.837 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063383.D
Acq: 16 Sep 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69852		
182	92.6	46.7	140.1	
145	34.5	16.8	50.3	

