

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063475.D
 Acq On : 21 Sep 2020 10:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:06:59 PM

Quant Time: Sep 22 02:31:38 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	7.62	168	308050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	226305	43.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.32%	
35) Dibromofluoromethane	7.54	113	162122	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	10.06	98	623229	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.37	95	241913	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	162955	46.693	ug/l	100
3) Chloromethane	2.04	50	184583	39.981	ug/l	99
4) Vinyl Chloride	2.16	62	185151	45.265	ug/l	97
5) Bromomethane	2.53	94	116885	48.128	ug/l	98
6) Chloroethane	2.67	64	106869	42.563	ug/l	99
7) Trichlorofluoromethane	2.98	101	292565	47.939	ug/l	99
8) Diethyl Ether	3.37	74	108676	45.680	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	164813	48.021	ug/l	99
10) Methyl Iodide	3.91	142	209571	46.901	ug/l	99
11) Tert butyl alcohol	4.72	59	147655	203.254	ug/l	99
12) 1,1-Dichloroethene	3.69	96	158565	45.613	ug/l	98
13) Acrolein	3.56	56	54943	204.087	ug/l	98
14) Allyl chloride	4.27	41	295324	42.948	ug/l	96
15) Acrylonitrile	4.92	53	402847	218.007	ug/l	99
16) Acetone	3.77	43	359937	213.577	ug/l	99
17) Carbon Disulfide	4.01	76	448139	44.319	ug/l	99
18) Methyl Acetate	4.27	43	197521	46.168	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	582191	44.935	ug/l	99
20) Methylene Chloride	4.50	84	184571	43.226	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	169838	44.097	ug/l	97
22) Diisopropyl ether	5.90	45	620052	44.214	ug/l	99
23) Vinyl Acetate	5.84	43	2597634	225.540	ug/l	98
24) 1,1-Dichloroethane	5.79	63	341517	44.605	ug/l	99
25) 2-Butanone	6.78	43	557613	215.135	ug/l	97
26) 2,2-Dichloropropane	6.77	77	313097	46.446	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	201571	46.238	ug/l	100
28) Bromochloromethane	7.15	49	155812	44.075	ug/l	93
29) Tetrahydrofuran	7.16	42	375999	212.402	ug/l	99
30) Chloroform	7.32	83	354569	46.158	ug/l	99
31) Cyclohexane	7.61	56	300977	41.558	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	319941	46.828	ug/l	98
36) 1,1-Dichloropropene	7.75	75	259331	46.700	ug/l	99
37) Ethyl Acetate	6.88	43	239159	43.881	ug/l	99
38) Carbon Tetrachloride	7.73	117	271289	47.858	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	284020	47.125	ug/l	95
40) Benzene	8.00	78	744560	46.969	ug/l	100
41) Methacrylonitrile	7.12	41	114688	46.787	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	298704	46.856	ug/l	100
43) Isopropyl Acetate	8.12	43	431699	44.298	ug/l #	90
44) Trichloroethene	8.80	130	186306	48.456	ug/l	97
45) 1,2-Dichloropropane	9.08	63	200880	46.528	ug/l	96
46) Dibromomethane	9.17	93	134990	47.571	ug/l	98
47) Bromodichloromethane	9.37	83	286488	48.597	ug/l	99
48) Methyl methacrylate	9.16	41	212360	44.353	ug/l	97
49) 1,4-Dioxane	9.16	88	62136	904.317	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	1242758	227.786	ug/l	100
52) Toluene	10.12	92	472542	49.580	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	320582	48.711	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	334549	48.193	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	181693	47.995	ug/l	96
56) Ethyl methacrylate	10.40	69	282584	47.815	ug/l	98
57) 1,3-Dichloropropane	10.68	76	317649	46.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	661871	213.492	ug/l	97
59) 2-Hexanone	10.72	43	929384	235.133	ug/l	99
60) Dibromochloromethane	10.87	129	210820	49.294	ug/l	99
61) 1,2-Dibromoethane	10.97	107	193959	49.315	ug/l	99
64) Tetrachloroethene	10.60	164	168722	51.394	ug/l	98
65) Chlorobenzene	11.40	112	492552	48.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	188670	50.292	ug/l	99
67) Ethyl Benzene	11.48	91	929827	48.245	ug/l	100
68) m/p-Xylenes	11.59	106	685435	98.640	ug/l	99
69) o-Xylene	11.92	106	329750	49.815	ug/l	98
70) Styrene	11.94	104	559753	50.425	ug/l	99
71) Bromoform	12.10	173	142139	50.859	ug/l #	99
73) Isopropylbenzene	12.22	105	902115	47.521	ug/l	100
74) N-amyl acetate	12.04	43	403761	44.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	264077	44.928	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	255359m	43.551	ug/l	
77) Bromobenzene	12.50	156	203978	47.768	ug/l	97
78) n-propylbenzene	12.56	91	1064715	48.155	ug/l	99
79) 2-Chlorotoluene	12.65	91	626023	47.233	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	778191	49.160	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	98081	45.860	ug/l	98
82) 4-Chlorotoluene	12.75	91	682169	48.713	ug/l	98
83) tert-Butylbenzene	12.97	119	618170	47.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	786959	49.218	ug/l	100
85) sec-Butylbenzene	13.14	105	855211	48.902	ug/l	100
86) p-Isopropyltoluene	13.26	119	770841	49.974	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	386445	48.827	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	387864	48.201	ug/l	100
89) n-Butylbenzene	13.59	91	726345	51.087	ug/l	100
90) Hexachloroethane	13.85	117	136177	46.364	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	377737	48.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62423	44.598	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	232294	50.709	ug/l	98
94) Hexachlorobutadiene	14.98	225	105038	55.386	ug/l	97
95) Naphthalene	15.10	128	721334	47.662	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	219746	49.647	ug/l	99

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

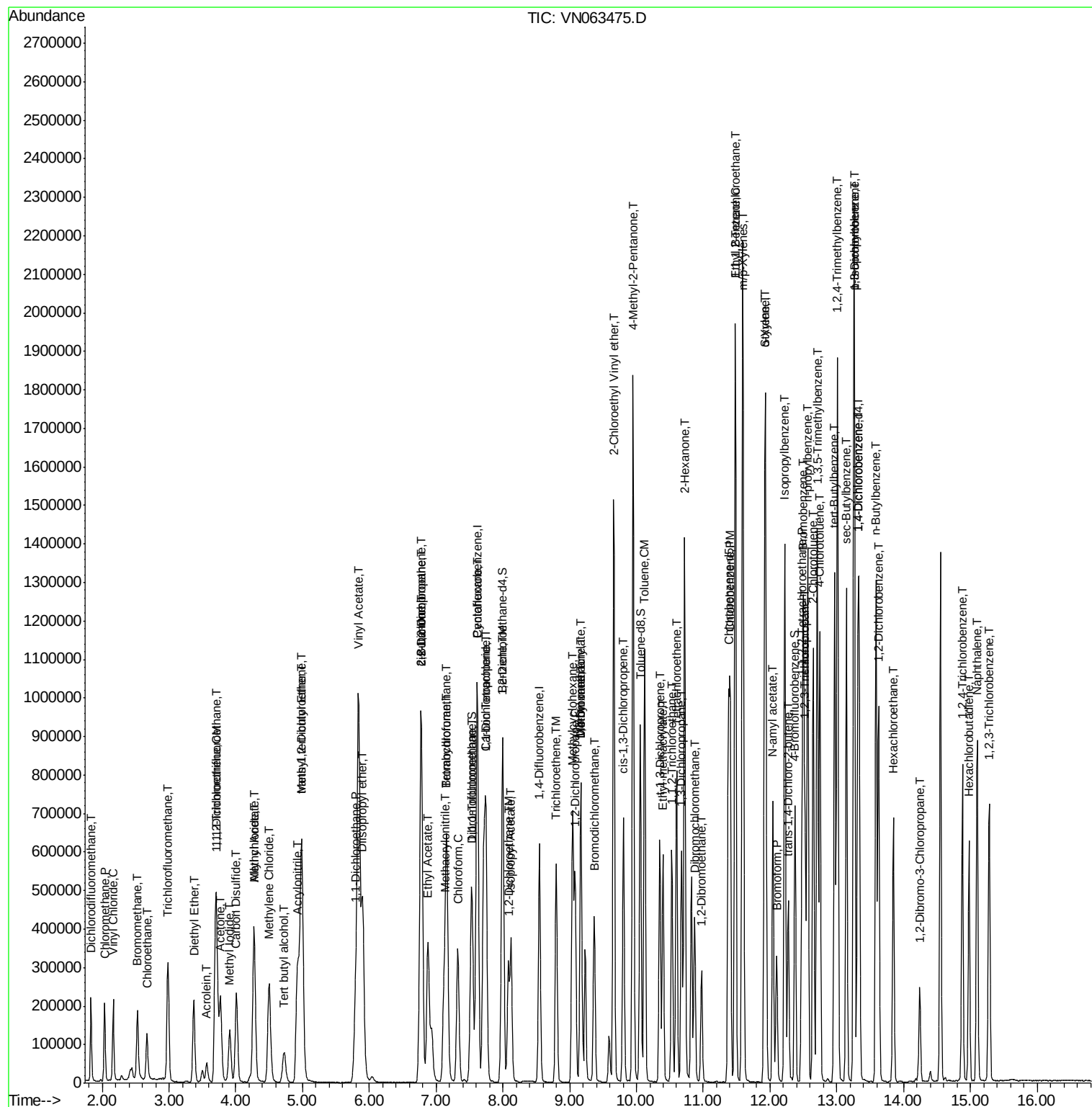
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
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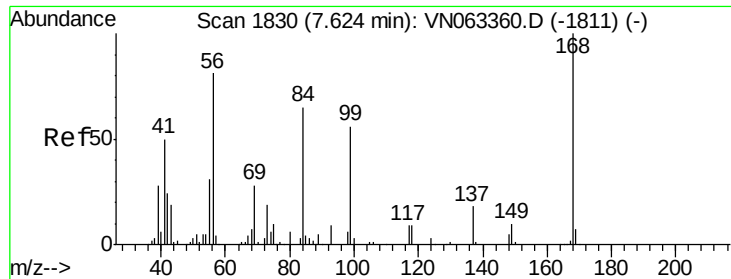
Instrument :
 MSVOA_N
 Client Sampled :
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 308050

Ion Ratio Lower Upper

168 100

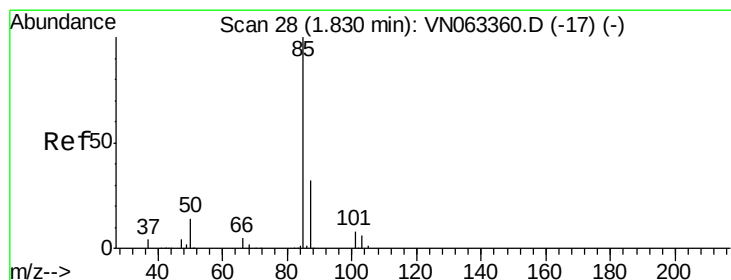
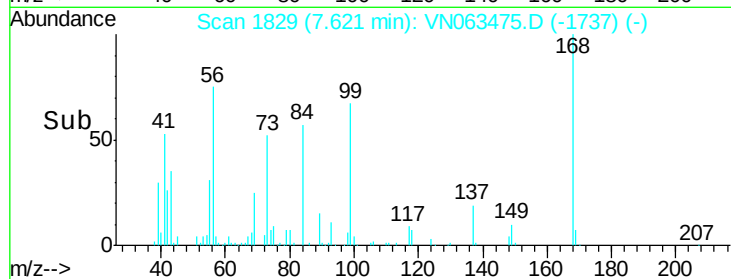
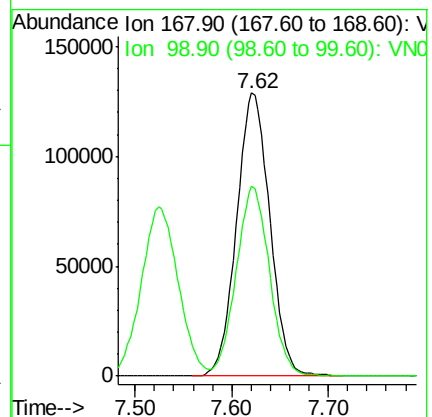
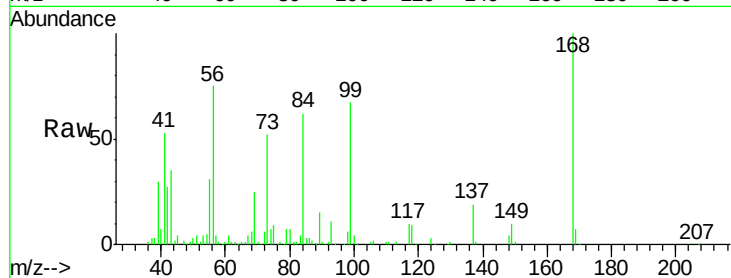
99 66.7 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.693 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063475.D

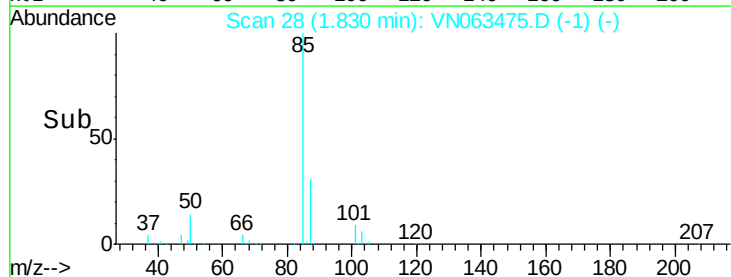
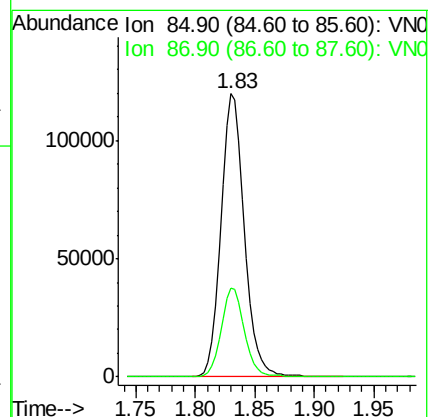
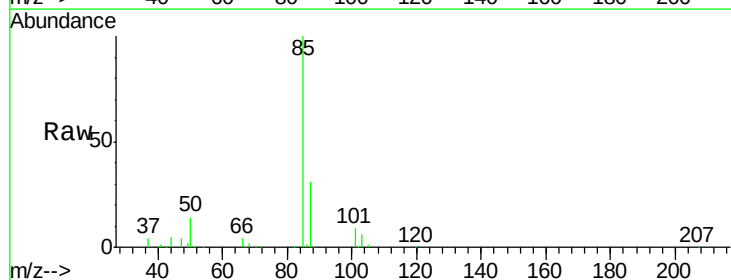
Acq: 21 Sep 2020 10:30

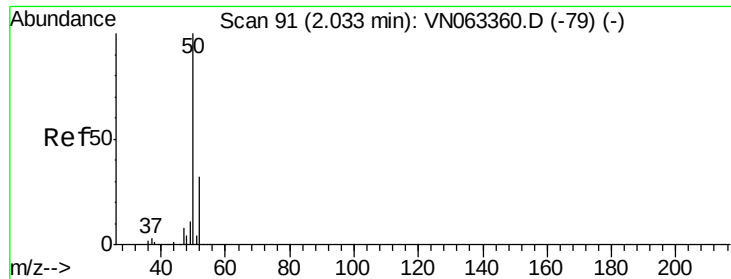
Tgt Ion: 85 Resp: 162955

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.6





#3

Chloromethane

Concen: 39.981 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 184583

Ion Ratio Lower Upper

50 100

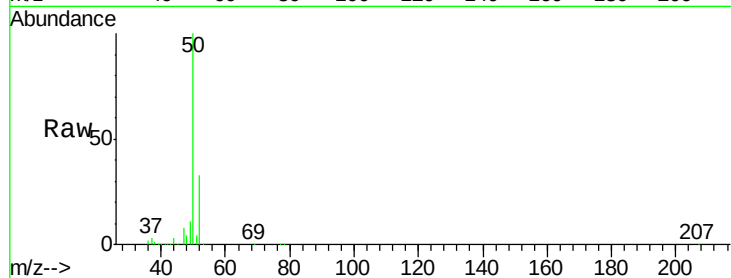
52 32.8 25.9 38.9

Manual Integrations

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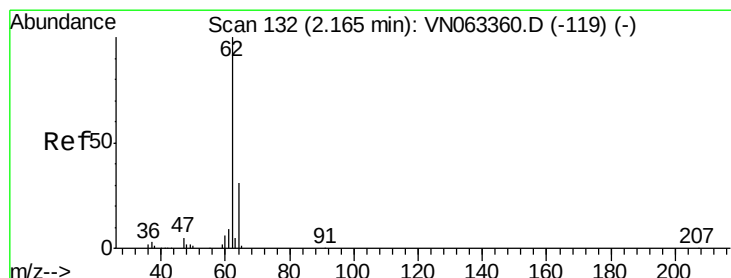
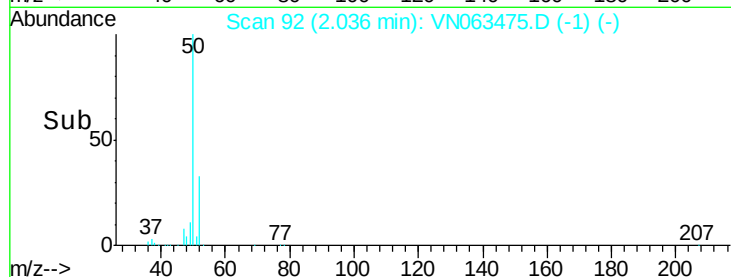
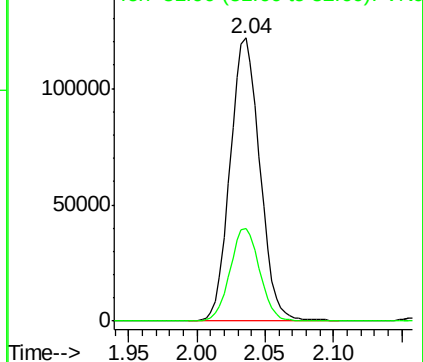
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.265 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063475.D

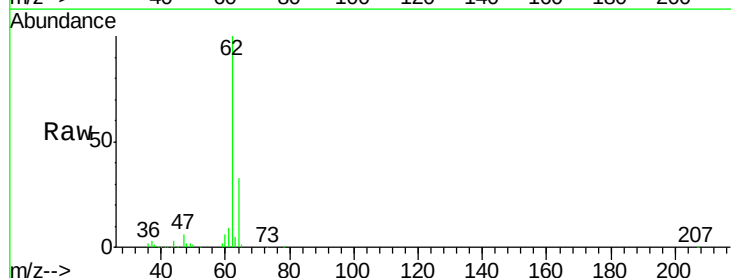
Acq: 21 Sep 2020 10:30

Tgt Ion: 62 Resp: 185151

Ion Ratio Lower Upper

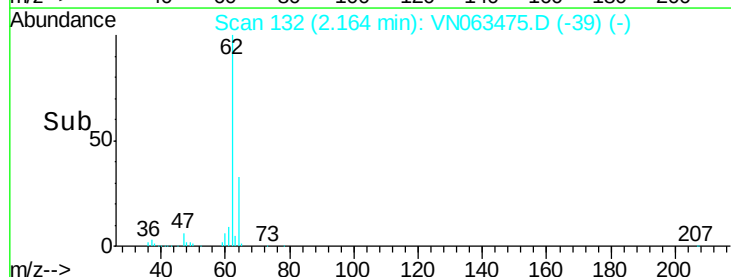
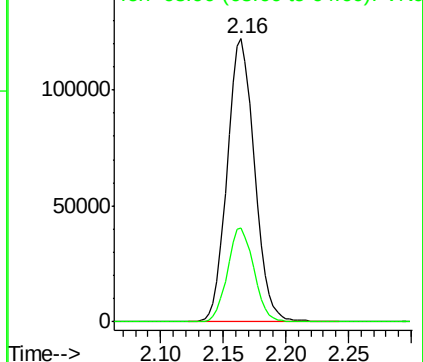
62 100

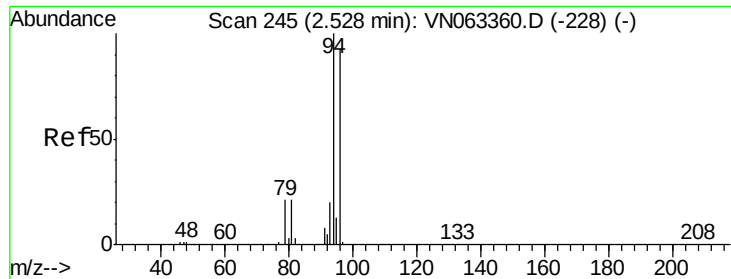
64 33.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.128 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063475.D

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Tot Ion: 94 Resp: 116885

Ion Ratio Lower Upper

94 100

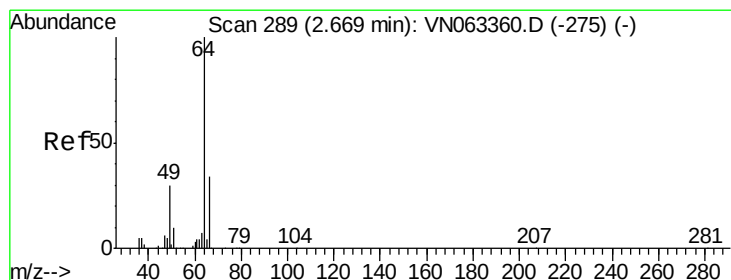
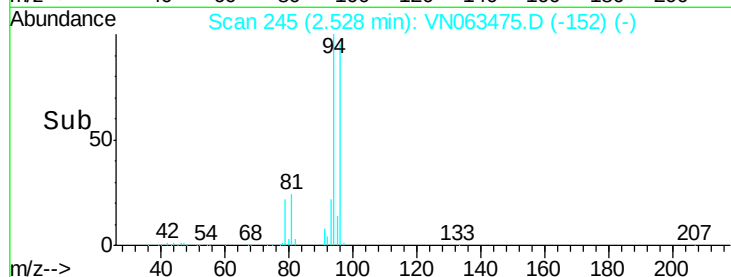
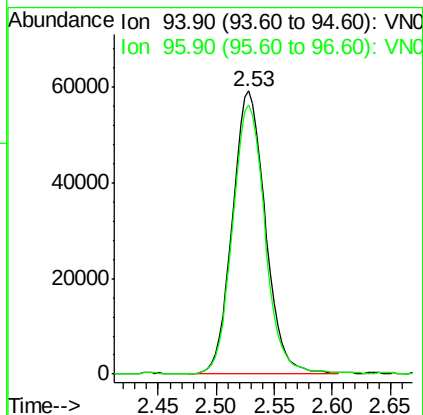
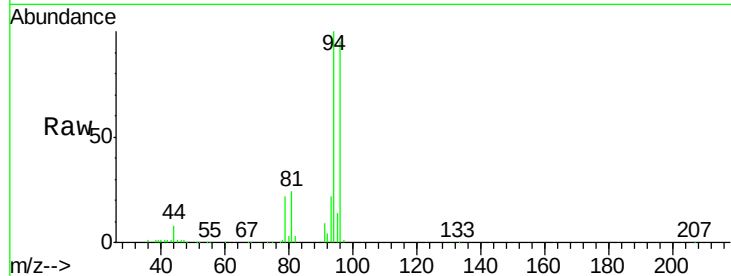
96 95.1 74.5 111.7

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#6

Chloroethane

Concen: 42.563 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063475.D

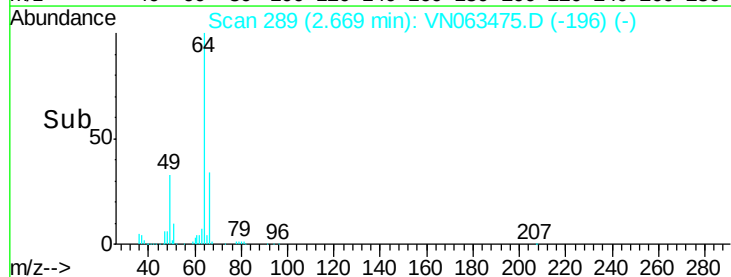
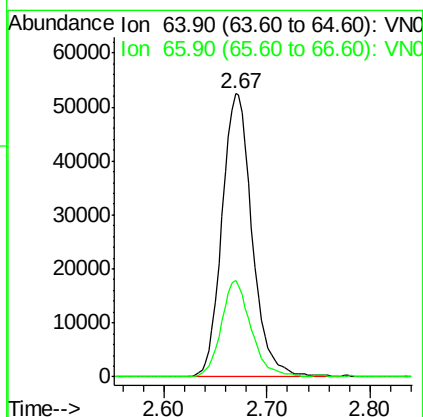
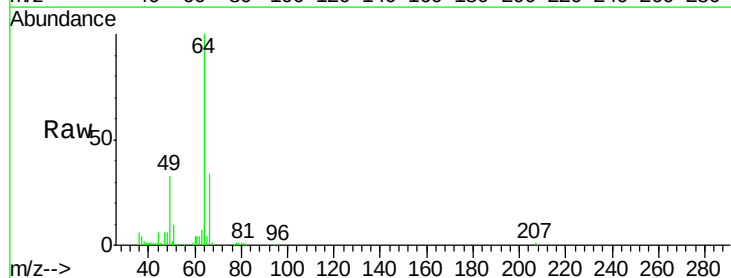
Acq: 21 Sep 2020 10:30

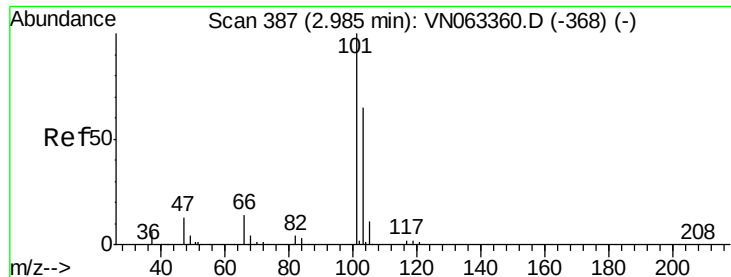
Tgt Ion: 64 Resp: 106869

Ion Ratio Lower Upper

64 100

66 34.1 26.9 40.3





#7

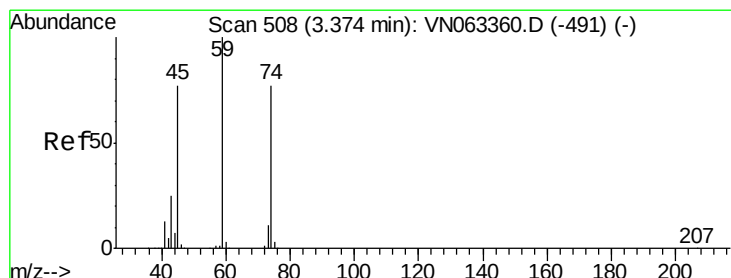
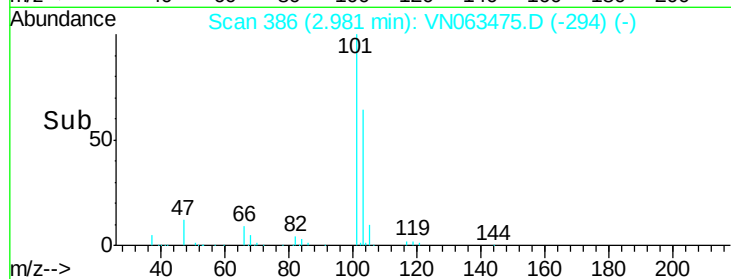
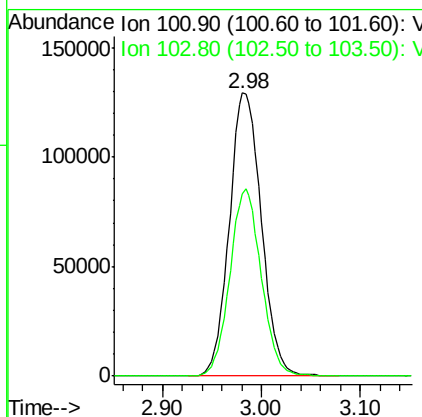
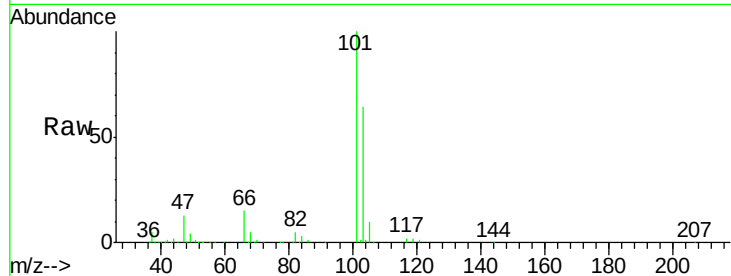
Trichlorofluoromethane
Concen: 47.939 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063475.D
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ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	292565		
103	64.3	52.3	78.5	

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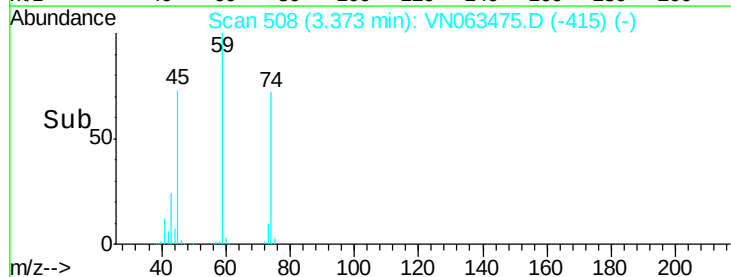
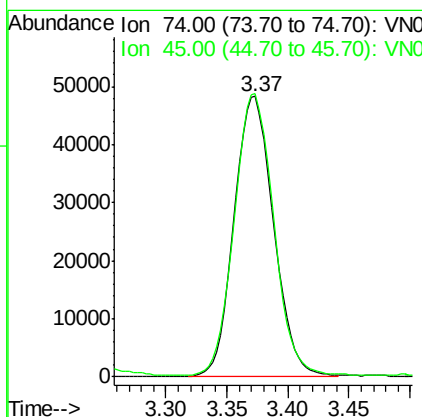
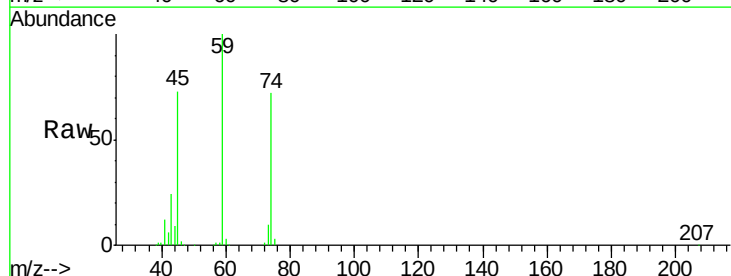
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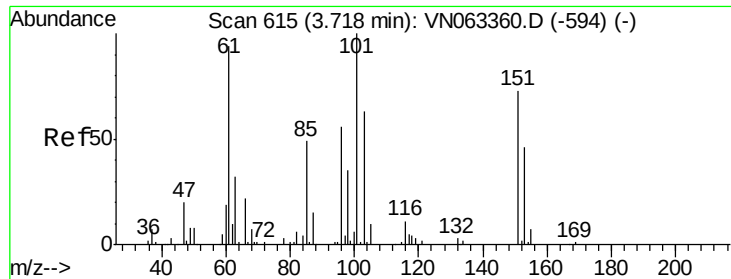


#8

Diethyl Ether
Concen: 45.680 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	108676		
45	99.8	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.021 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

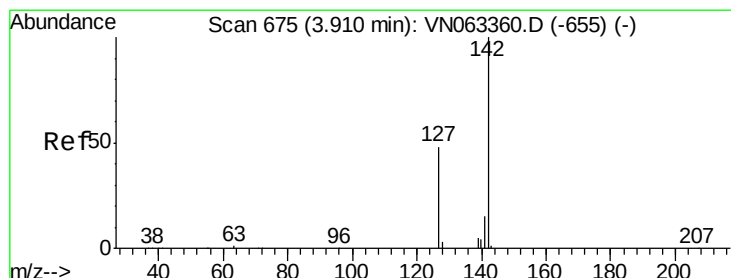
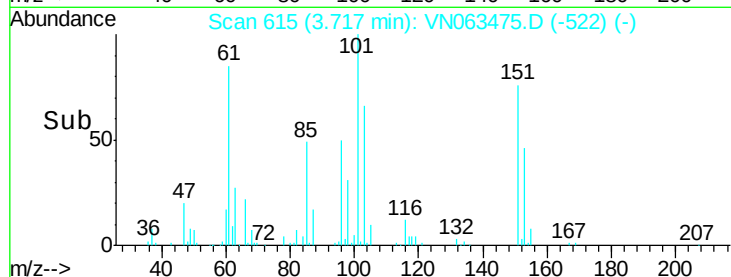
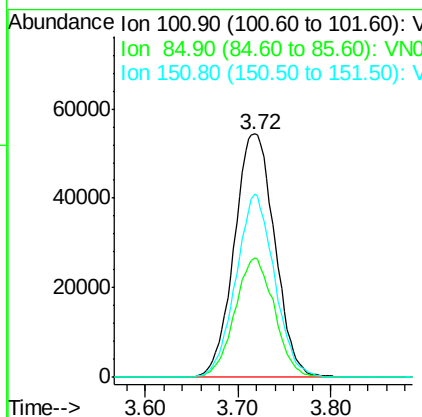
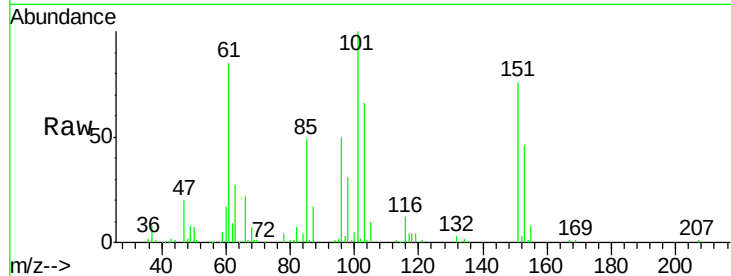
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	164813
Ion Ratio	Lower	Upper	
101	100		
85	48.0	37.7	56.5
151	71.6	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 46.901 ug/l

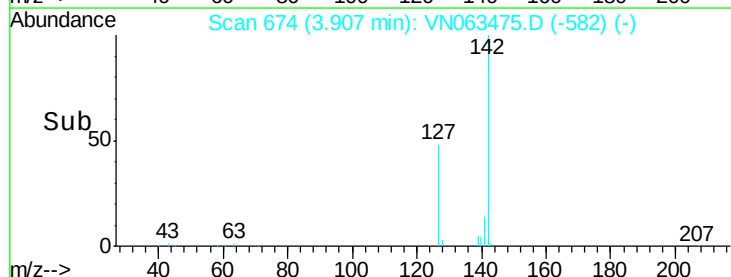
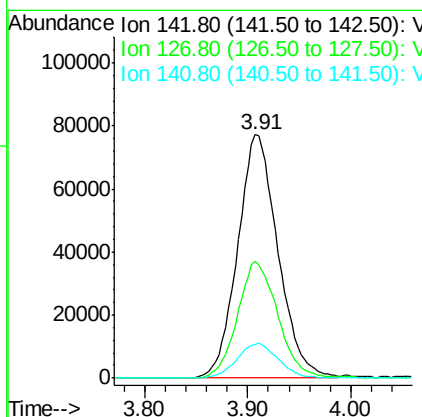
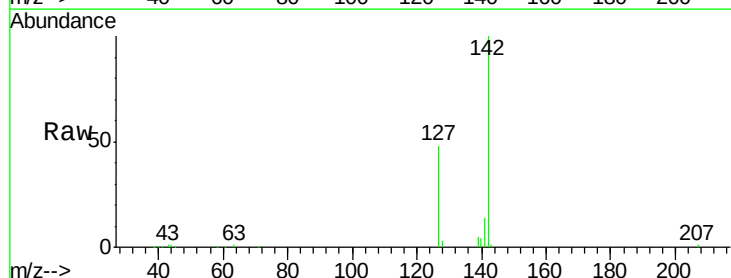
RT: 3.91 min Scan# 674

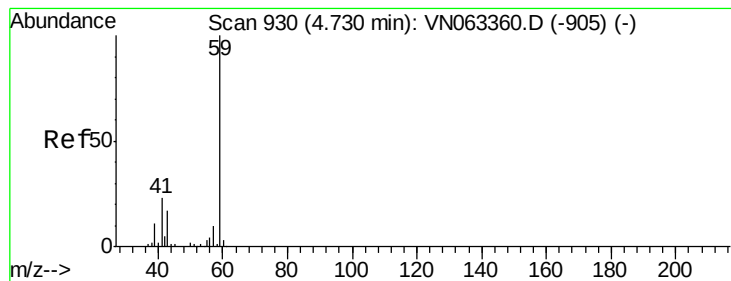
Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion:	142	Resp:	209571
Ion Ratio	Lower	Upper	
142	100		
127	47.9	39.0	58.6
141	14.6	11.6	17.4





#11

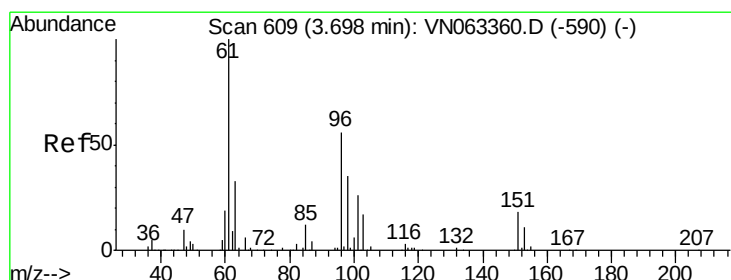
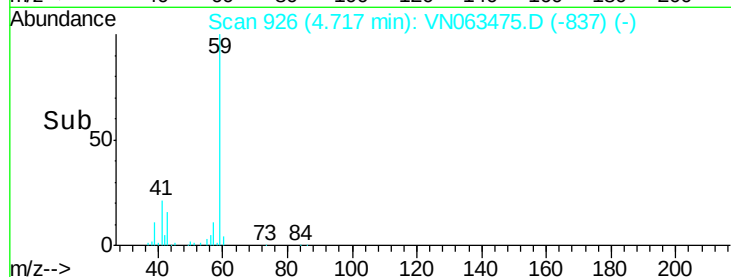
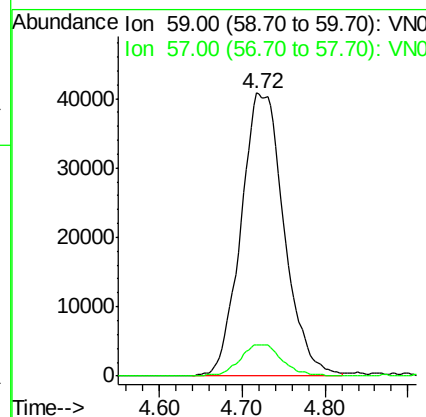
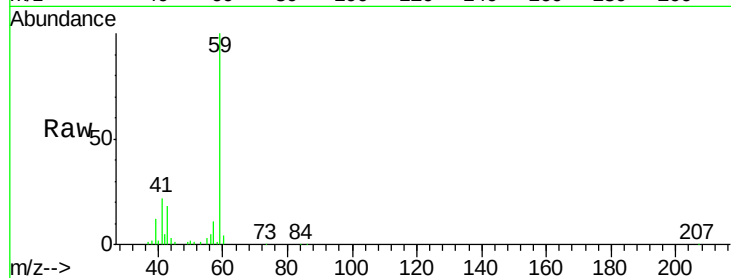
Tert butyl alcohol
Concen: 203.254 ug/l
RT: 4.72 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

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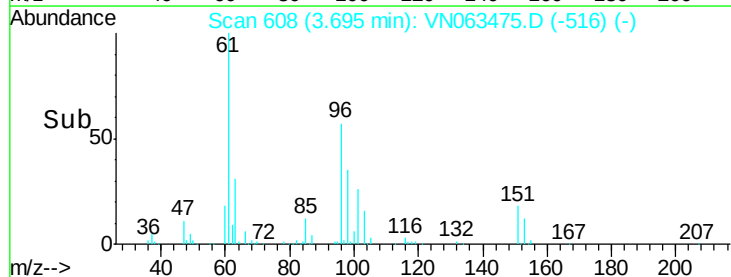
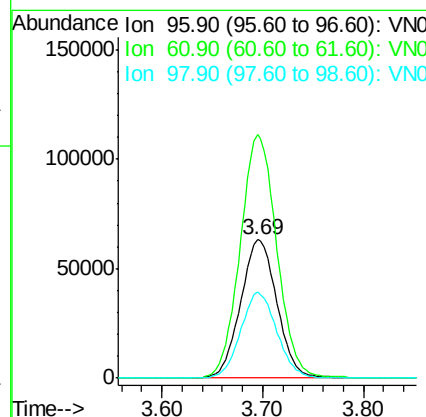
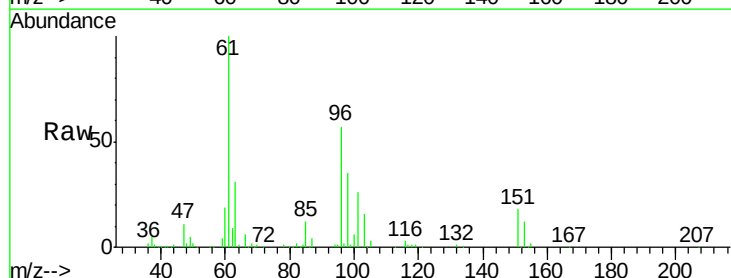
MMDadoda
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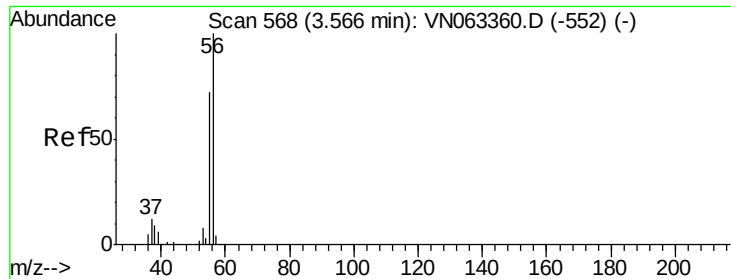


#12

1,1-Dichloroethene
Concen: 45.613 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.3	143.4	215.2
98	62.1	50.6	76.0





#13

Acrolein

Concen: 204.087 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 54943

Ion Ratio Lower Upper

56 100

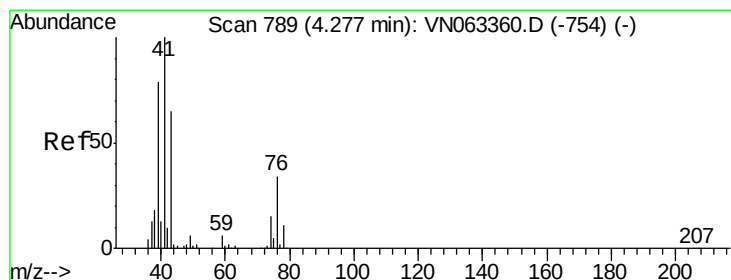
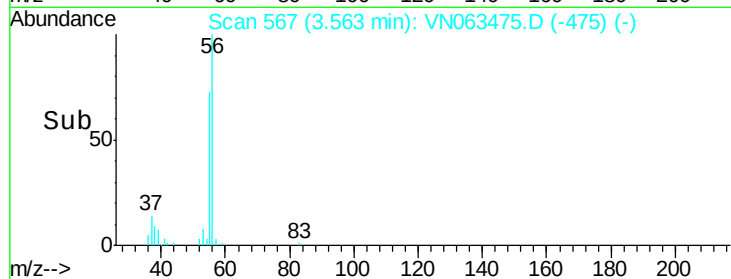
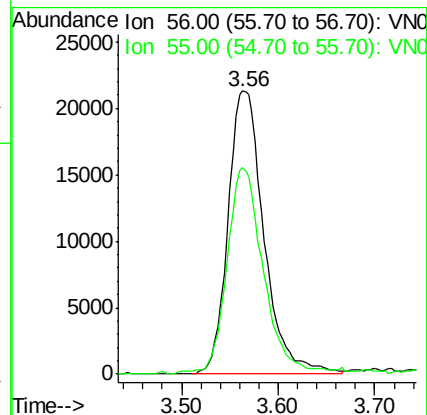
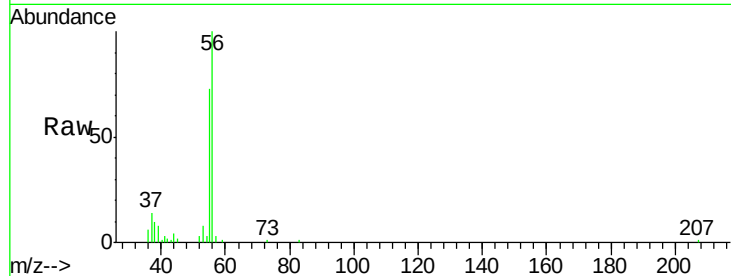
55 70.7 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 42.948 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

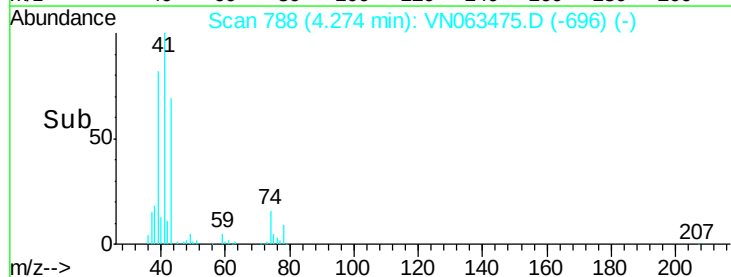
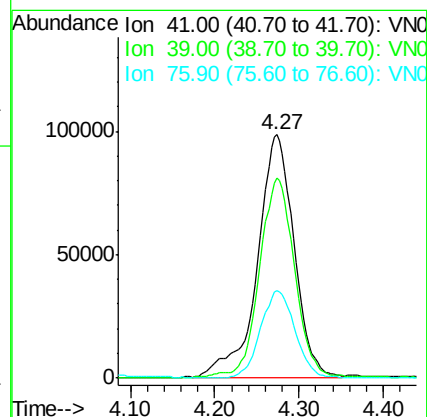
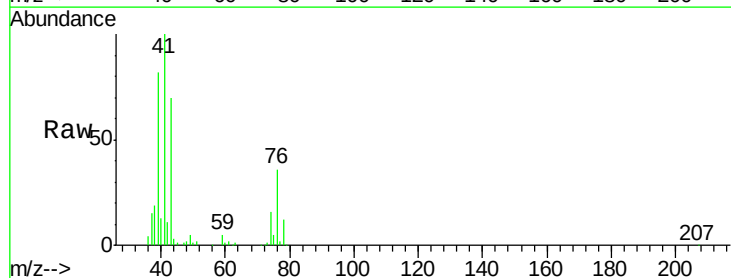
Tgt Ion: 41 Resp: 295324

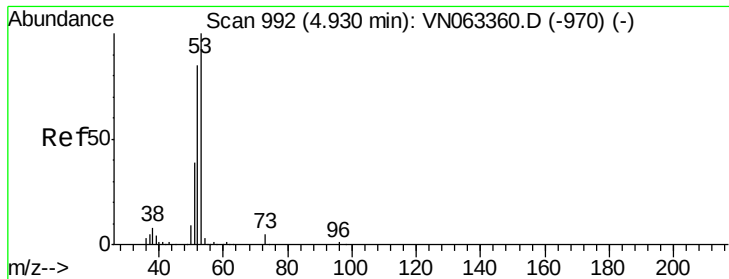
Ion Ratio Lower Upper

41 100

39 77.9 59.3 88.9

76 33.6 25.3 37.9





#15

Acrylonitrile

Concen: 218.007 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

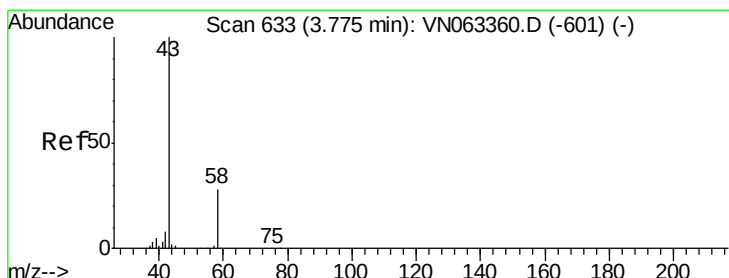
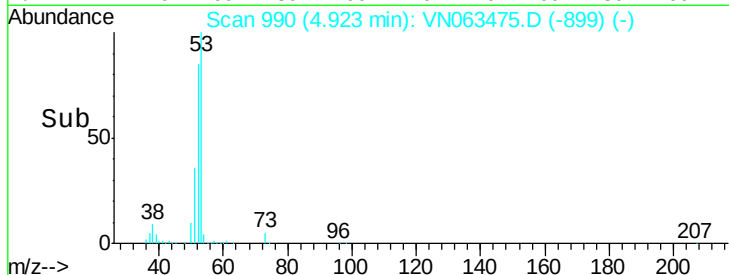
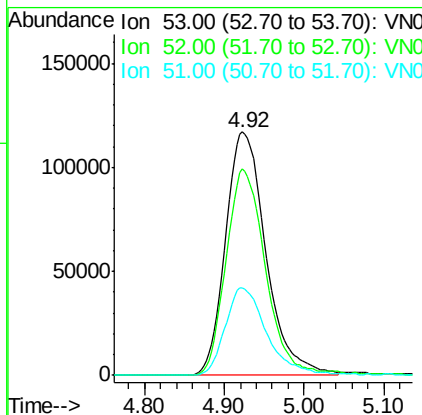
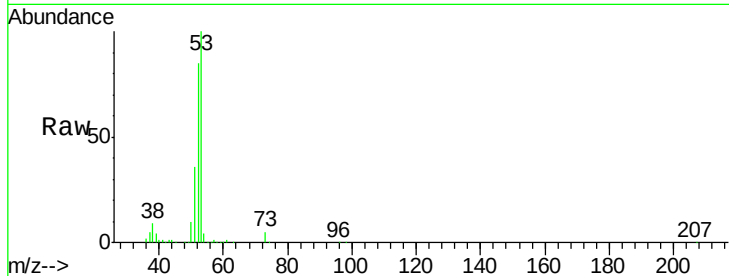
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	402847
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.4	99.6
51	37.2	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 213.577 ug/l

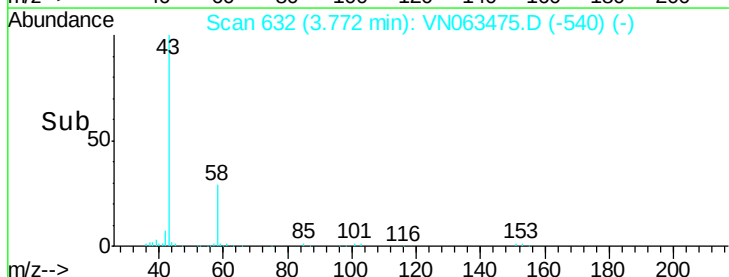
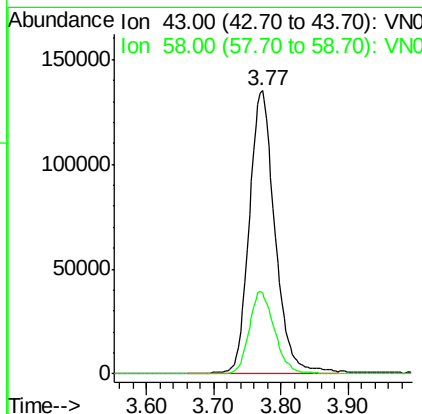
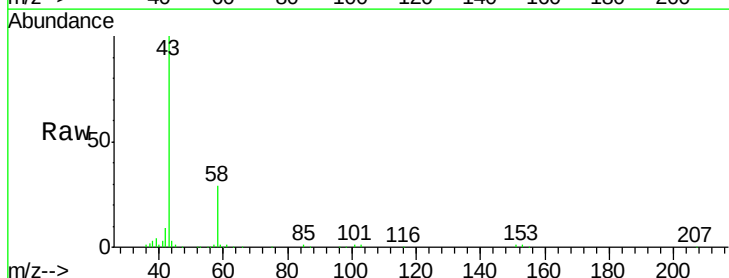
RT: 3.77 min Scan# 632

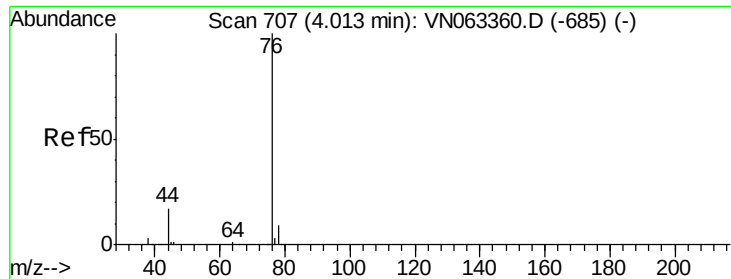
Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion:	43	Resp:	359937
Ion Ratio	Lower	Upper	
43	100		
58	28.3	22.3	33.5





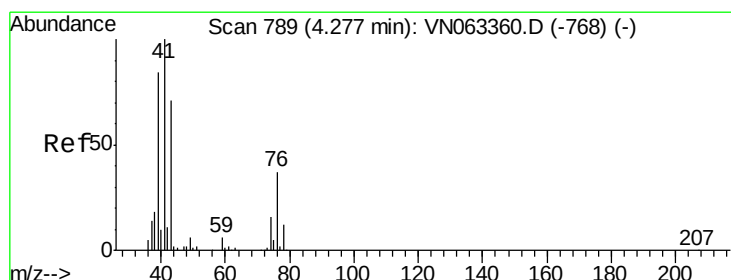
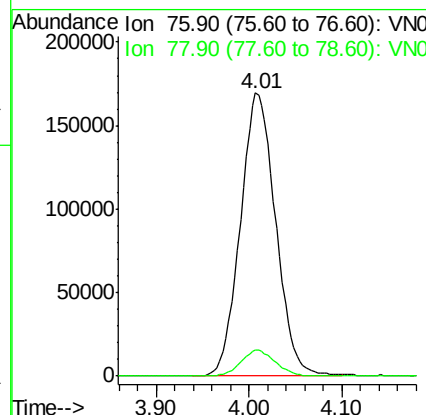
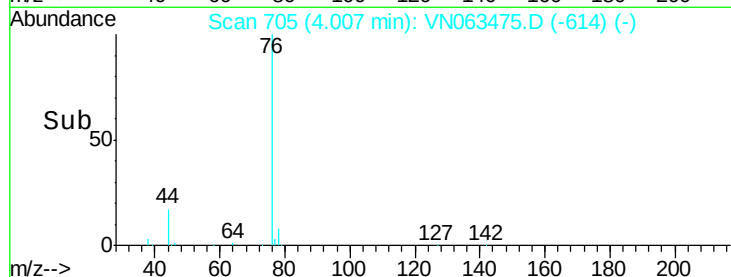
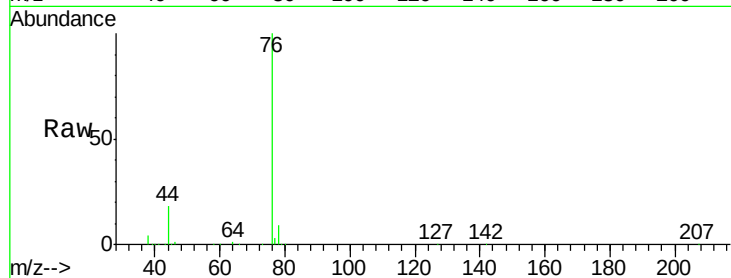
#17
Carbon Disulfide
Concen: 44.319 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

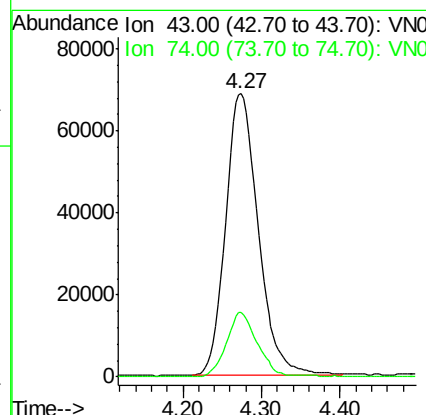
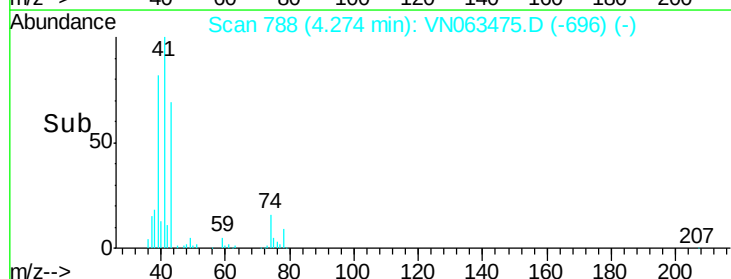
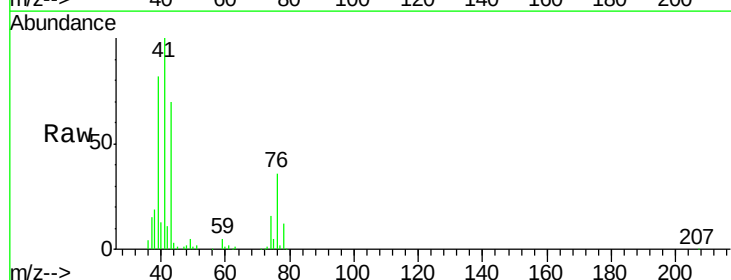
Manual Integrations
APPROVED

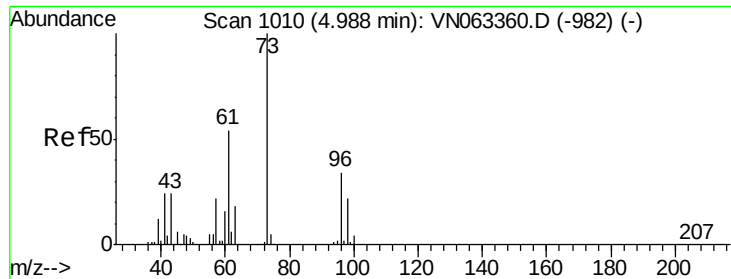
MMDadoda
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#18
Methyl Acetate
Concen: 46.168 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2





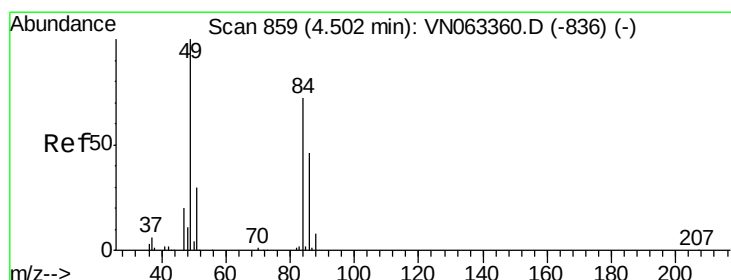
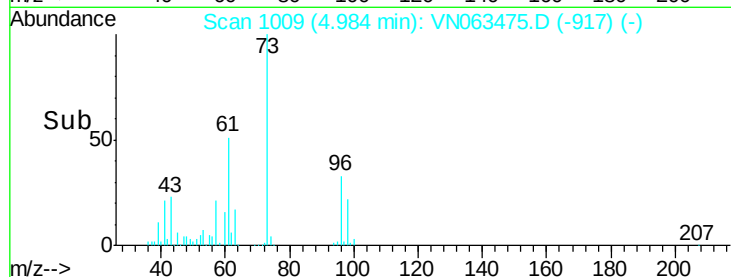
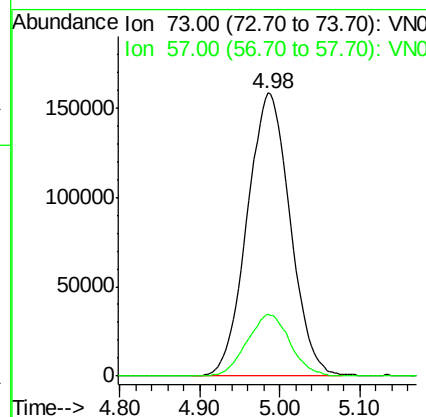
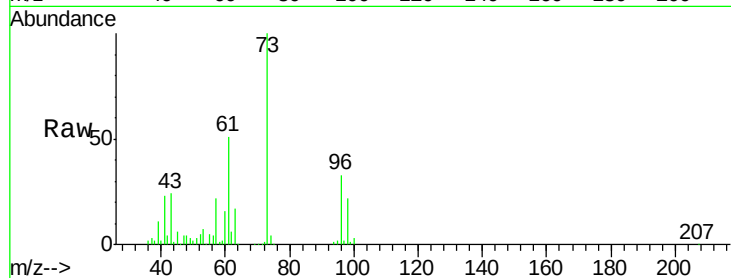
#19
Methvl tert-butvl Ether
Concen: 44.935 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 582191
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9

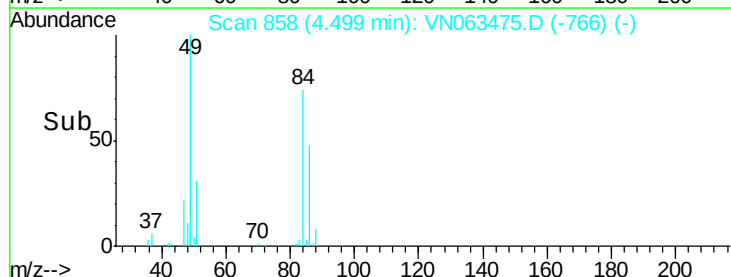
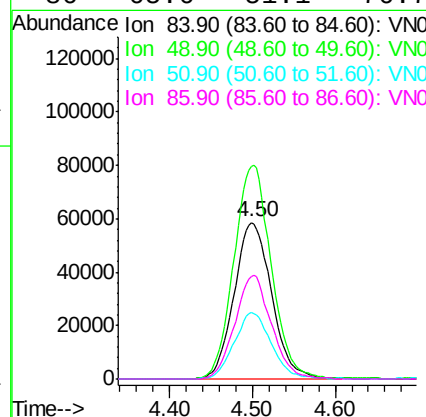
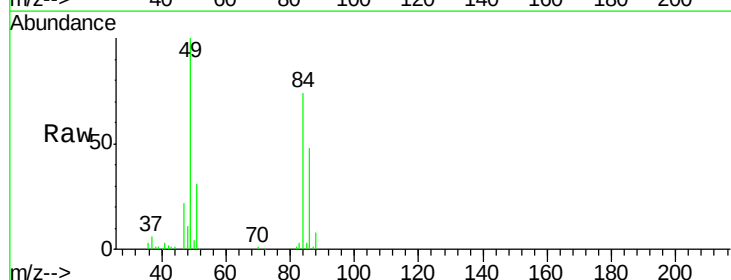
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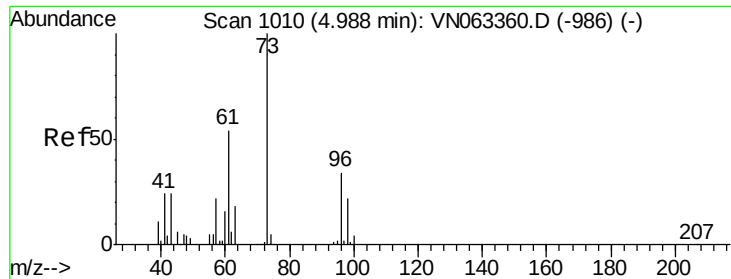
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9/22/2020 2:06:59 PM



#20
Methylene Chloride
Concen: 43.226 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 84 Resp: 184571
Ion Ratio Lower Upper
84 100
49 135.6 110.7 166.1
51 42.4 32.9 49.3
86 65.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.097 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

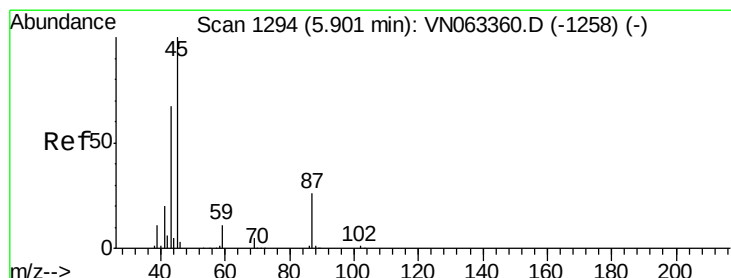
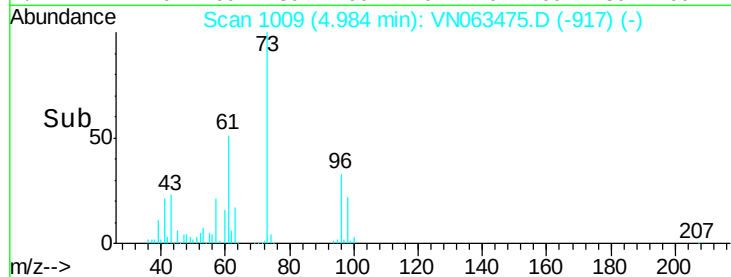
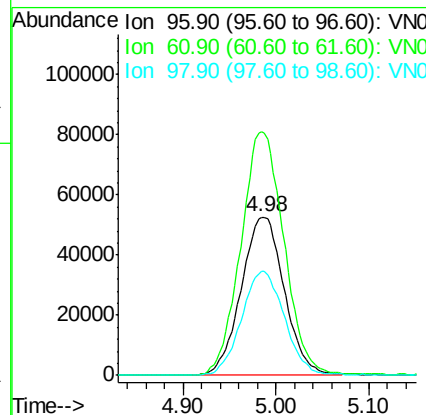
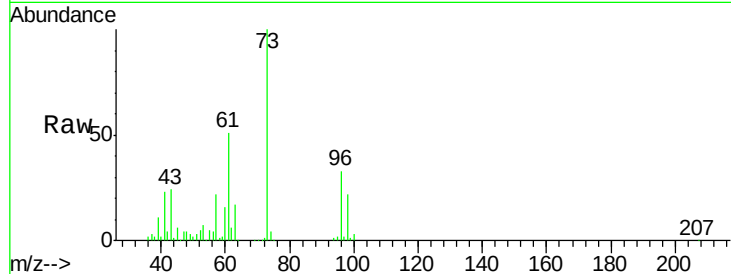
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	169838
Ion	Ratio	Lower	Upper
96	100		
61	153.6	126.2	189.4
98	65.9	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 44.214 ug/l

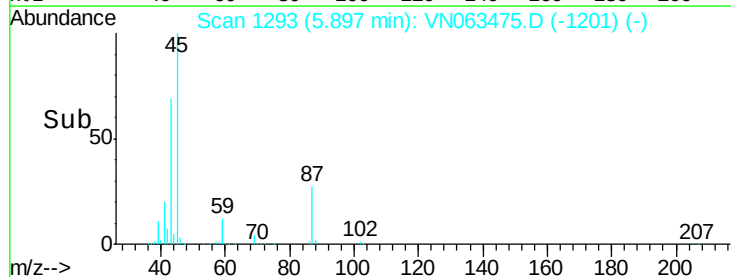
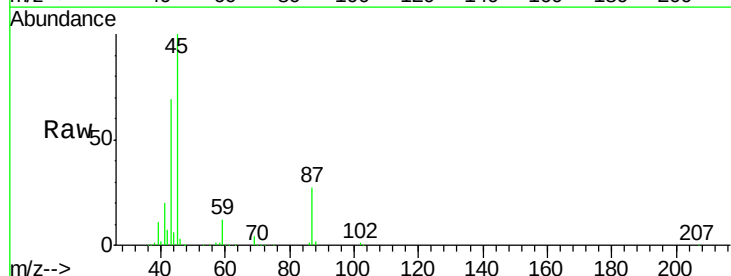
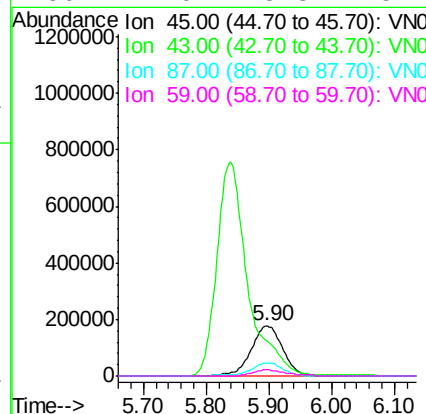
RT: 5.90 min Scan# 1293

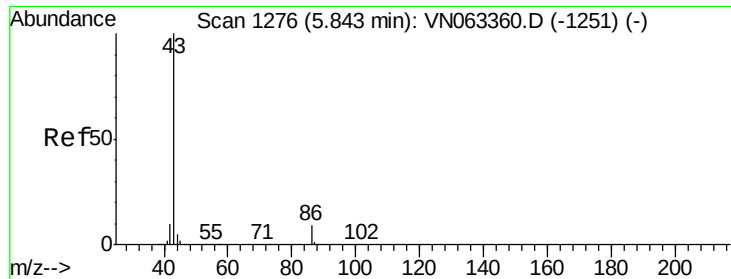
Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion:	45	Resp:	620052
Ion	Ratio	Lower	Upper
45	100		
43	67.3	53.5	80.3
87	26.6	21.2	31.8
59	12.0	8.8	13.2





#23

Vinyl Acetate

Concen: 225.540 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2597634

Ion Ratio Lower Upper

43 100

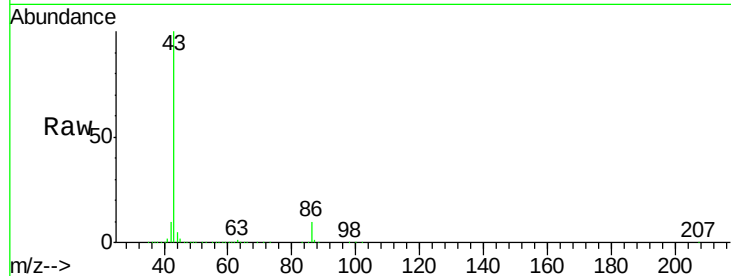
86 9.5 7.1 10.7

Manual Integrations

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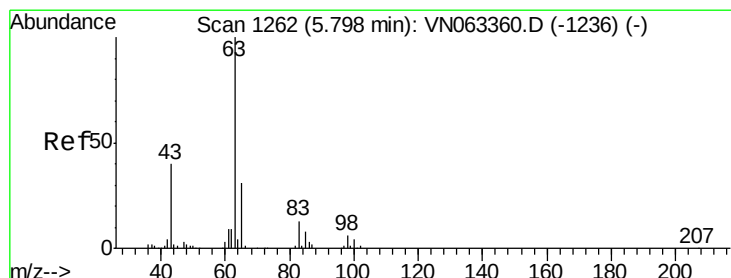
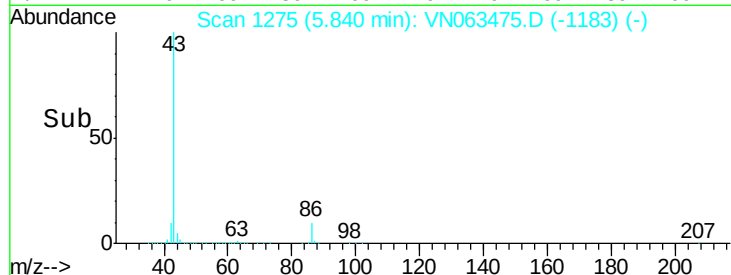
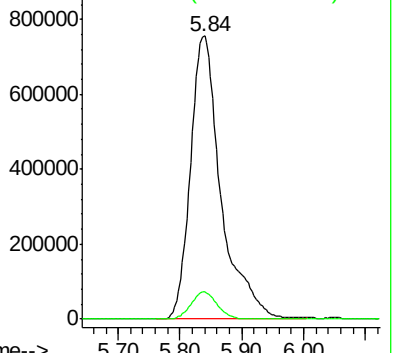
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 44.605 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

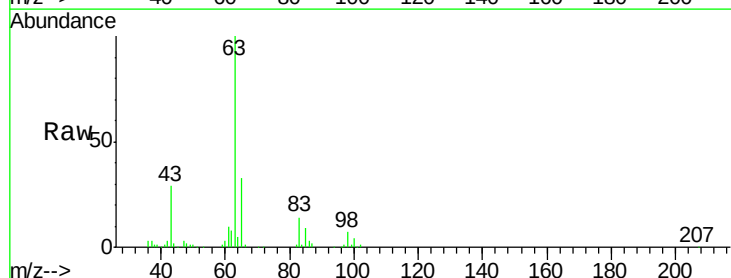
Tgt Ion: 63 Resp: 341517

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

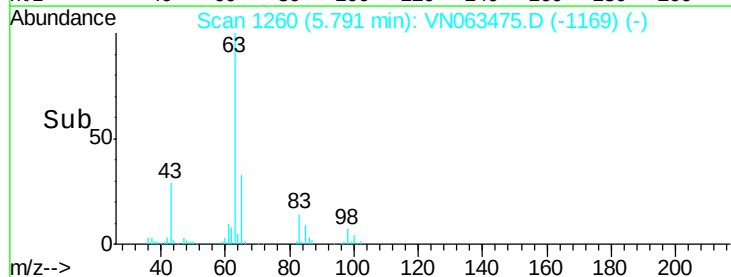
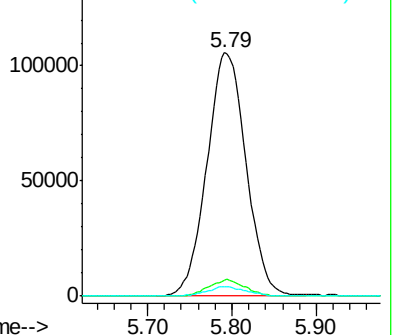
100 4.0 2.1 6.3

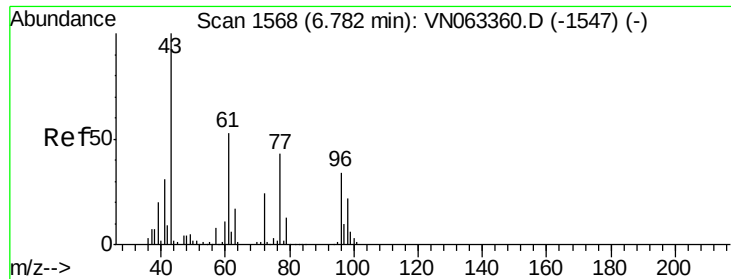


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





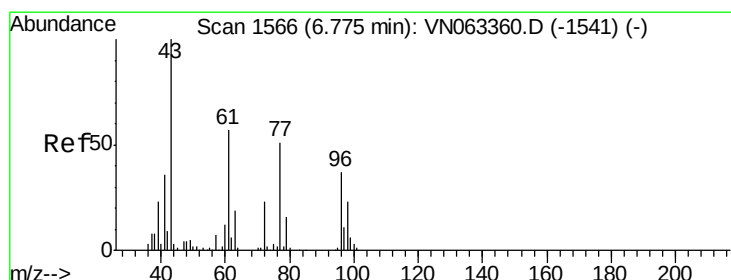
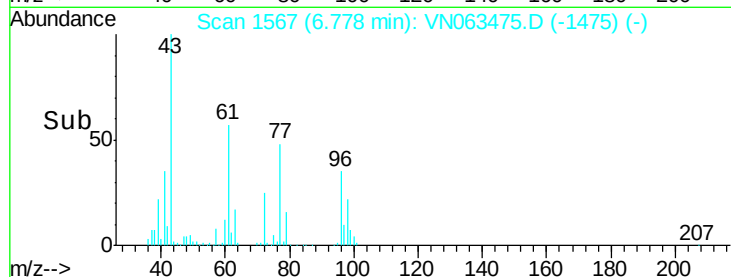
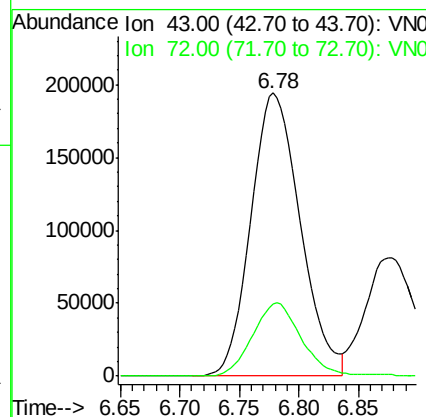
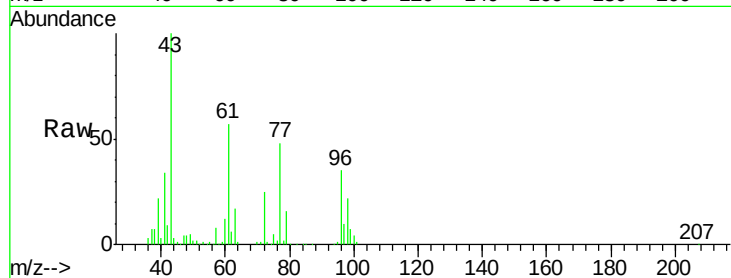
#25
2-Butanone
Concen: 215.135 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 557613
Ion Ratio Lower Upper
43 100
72 25.4 19.2 28.8

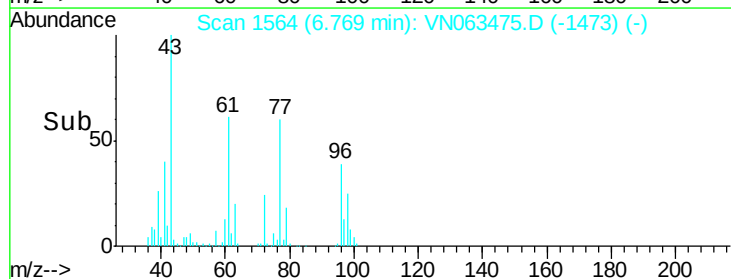
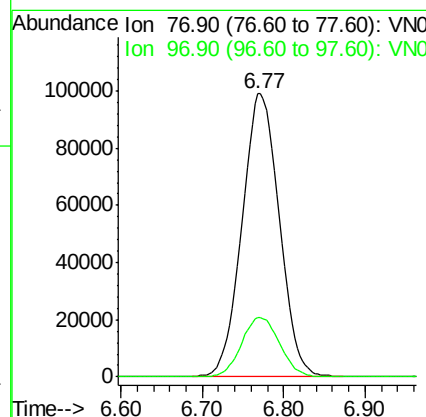
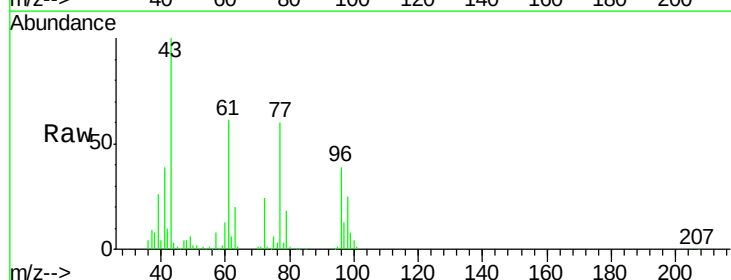
Manual Integrations
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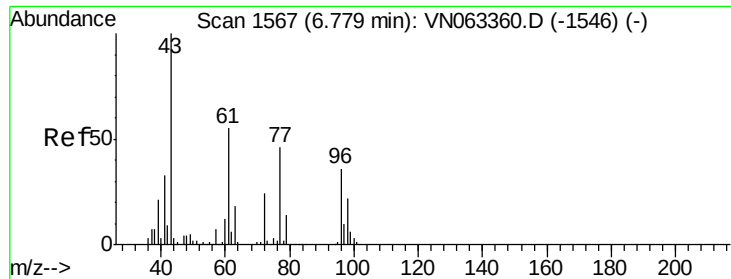
MMDadoda
9/22/2020 2:06:59 PM



#26
2,2-Dichloropropane
Concen: 46.446 ug/l
RT: 6.77 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 77 Resp: 313097
Ion Ratio Lower Upper
77 100
97 21.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 46.238 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

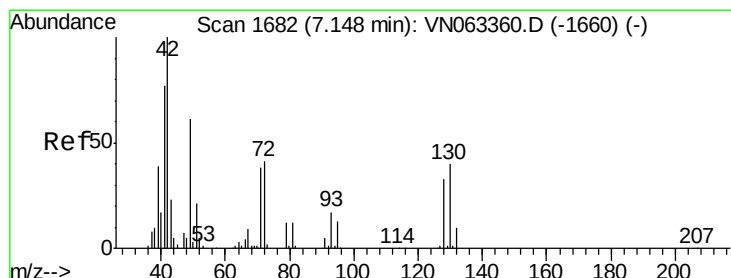
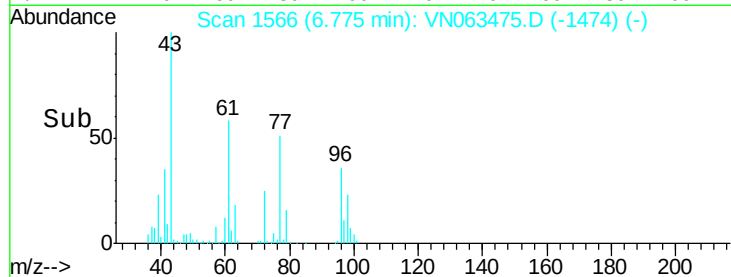
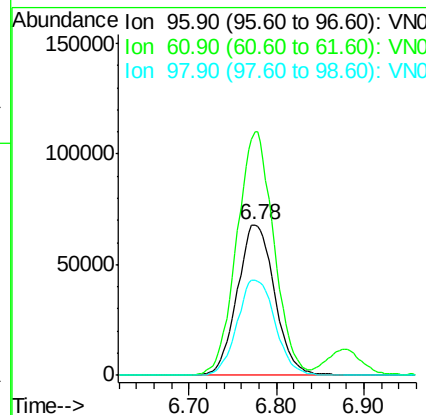
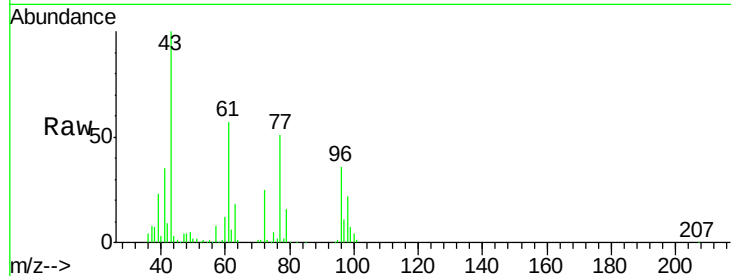
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	201571
Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	319.6
98	64.3	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 44.075 ug/l

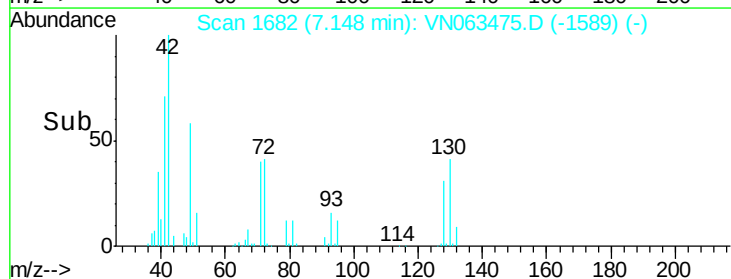
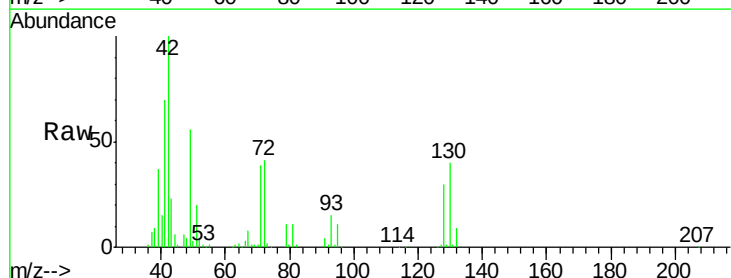
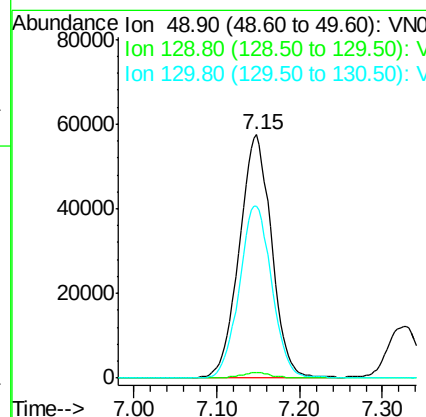
RT: 7.15 min Scan# 1682

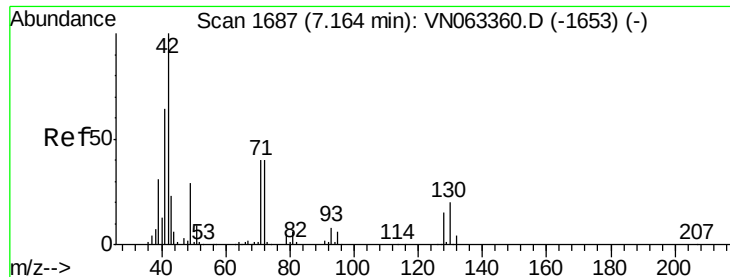
Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion:	49	Resp:	155812
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	71.1	52.2	78.2





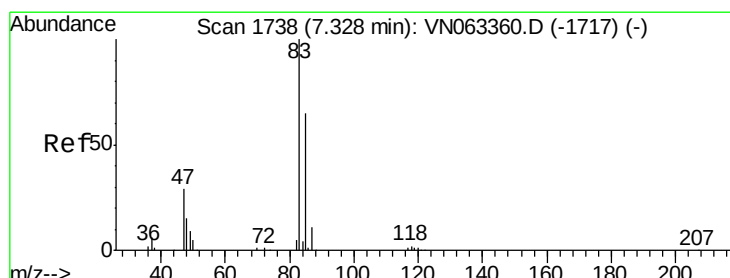
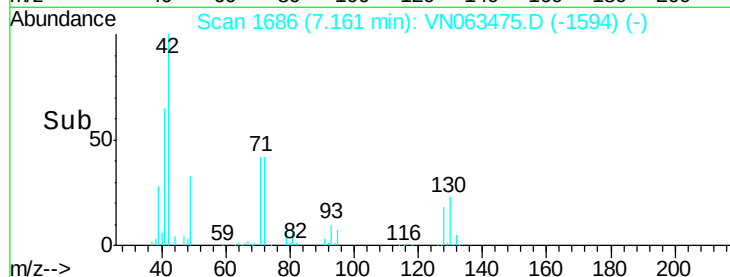
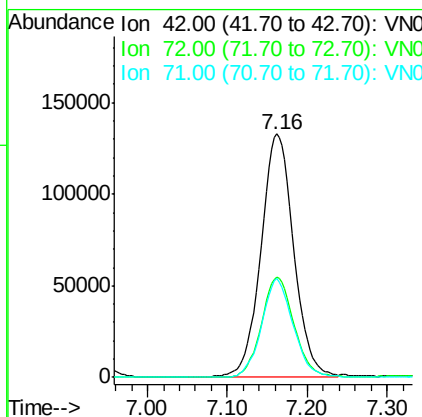
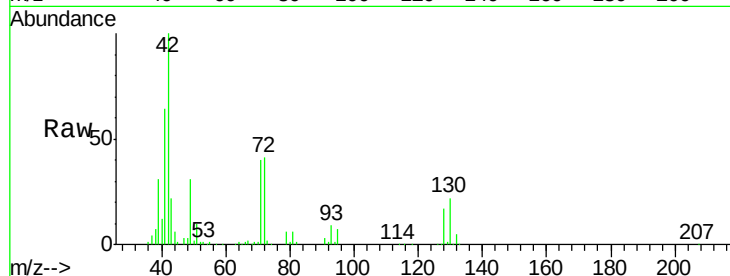
#29
Tetrahydrofuran
Concen: 212.402 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.1	48.1
71	39.1	31.2	46.8

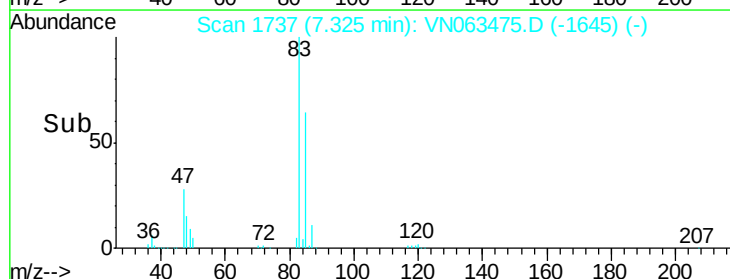
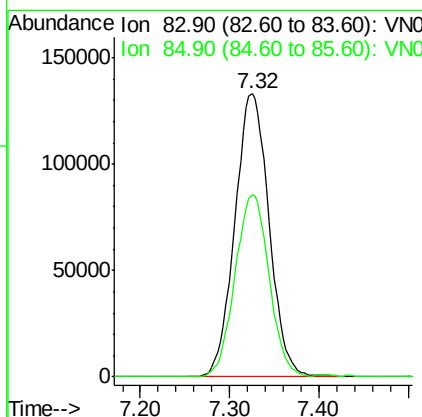
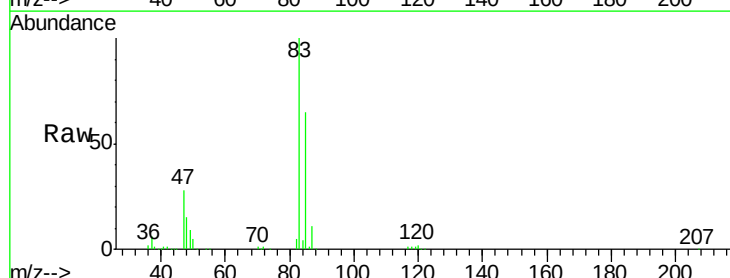
Manual Integrations
APPROVED

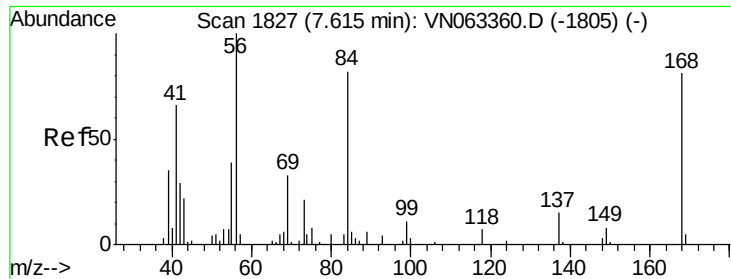
MMDadoda
9/22/2020 2:06:59 PM



#30
Chloroform
Concen: 46.158 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.1	78.1





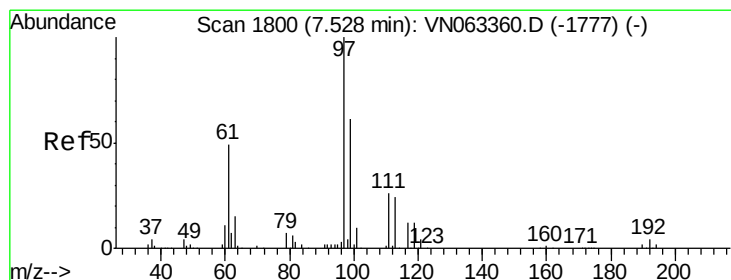
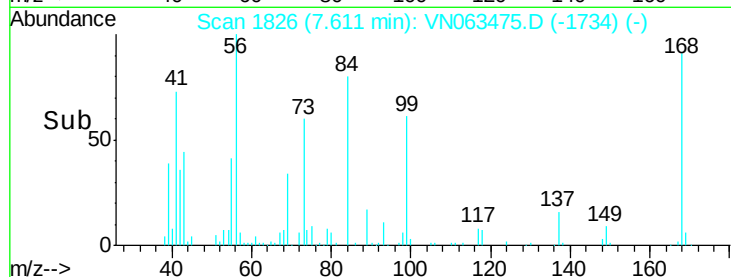
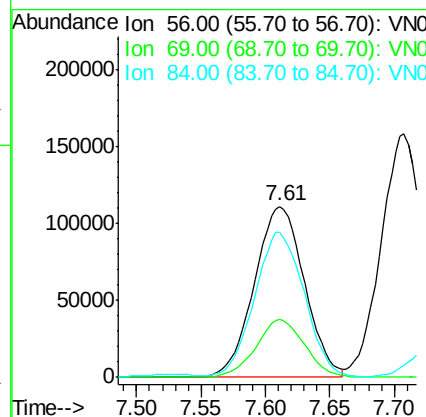
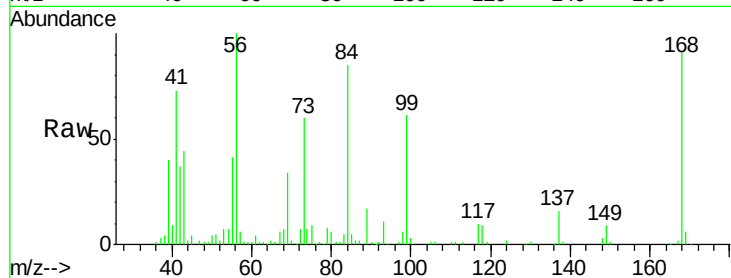
#31
Cyclohexane
Concen: 41.558 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.1	39.1
84	83.4	65.4	98.2

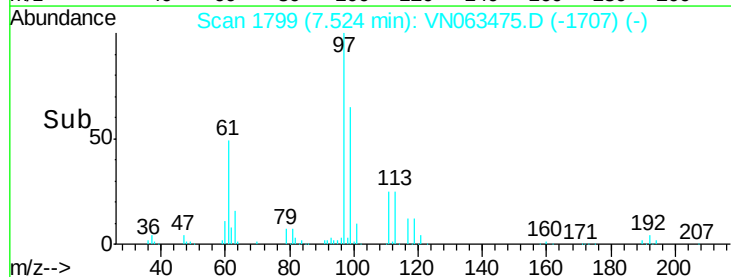
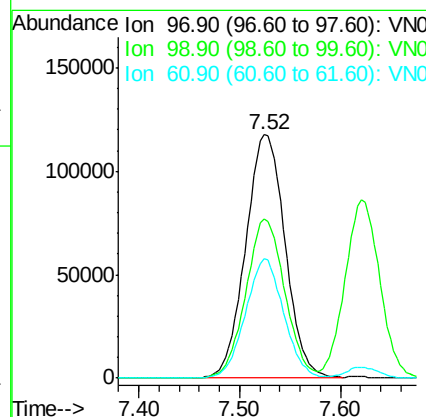
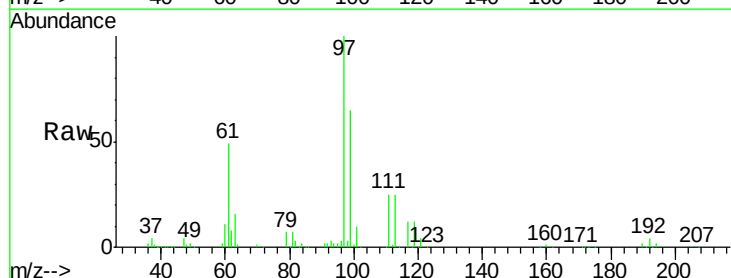
Manual Integrations
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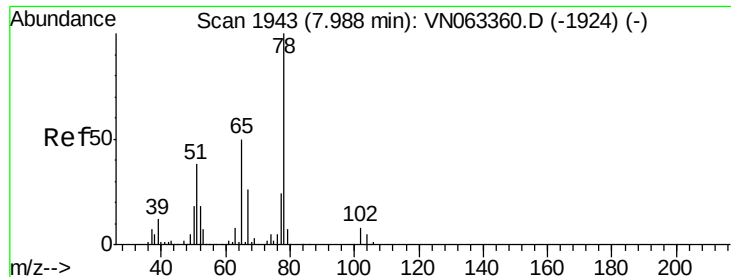
MMDadoda
9/22/2020 2:06:59 PM



#32
1,1,1-Trichloroethane
Concen: 46.828 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.6	76.0
61	47.4	39.2	58.8





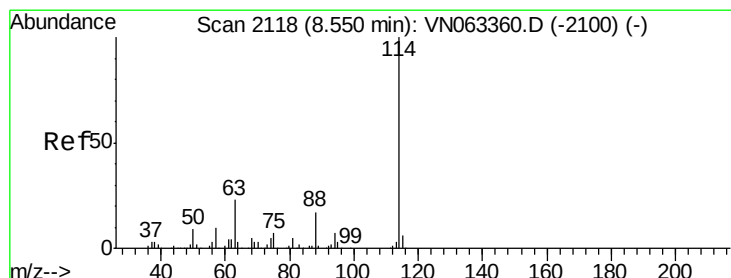
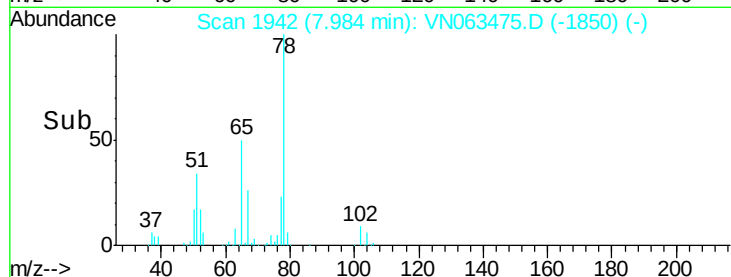
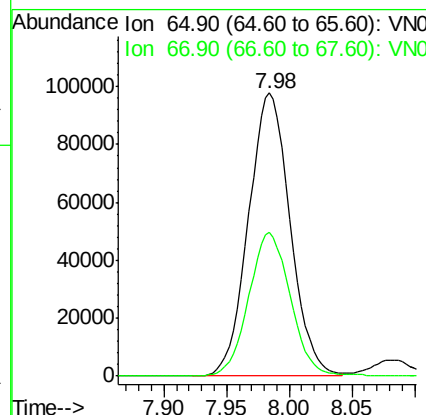
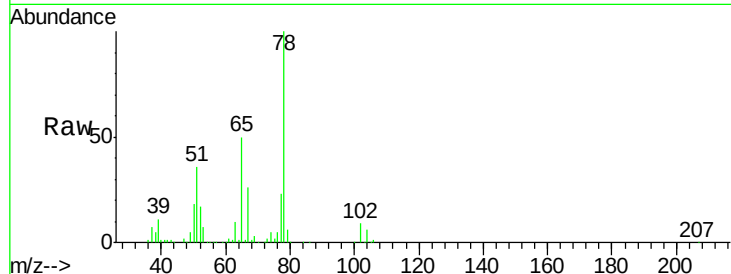
#33
 1,2-Dichloroethane-d4
 Concen: 43.156 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	226305		
67	50.6	0.0	104.2	

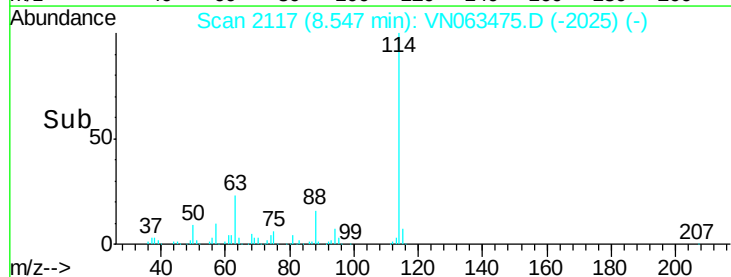
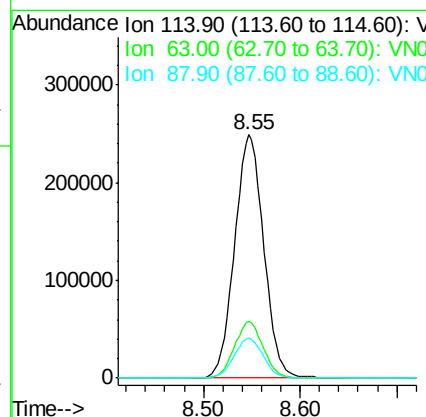
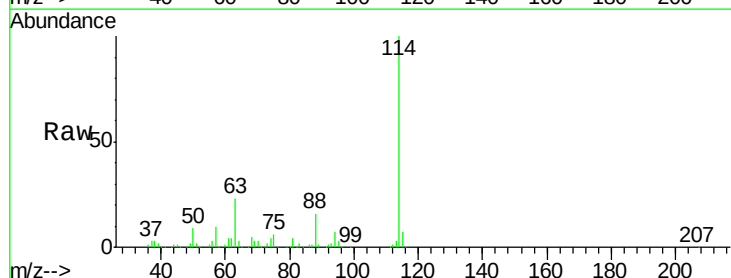
Manual Integrations
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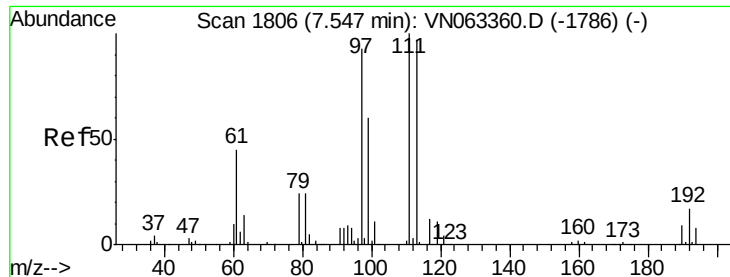
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	521243		
63	23.4	0.0	46.4	
88	16.4	0.0	33.2	





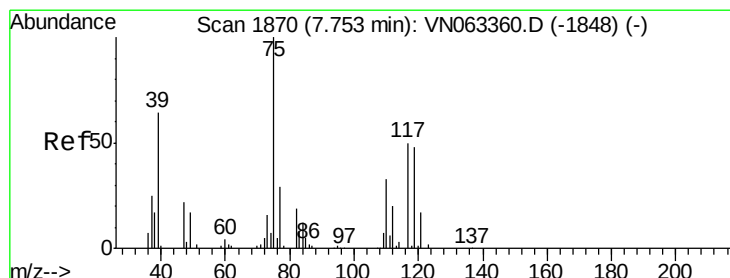
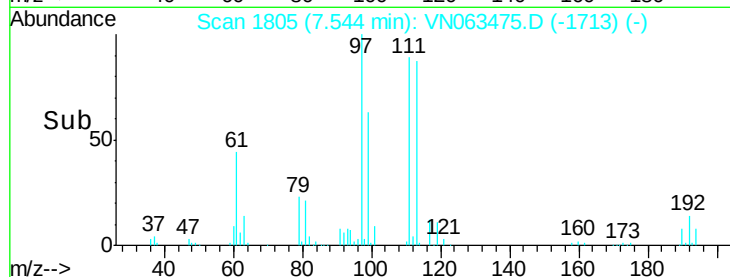
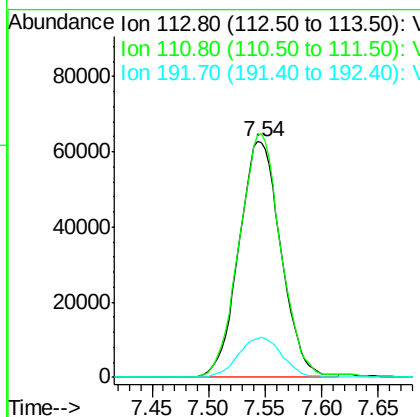
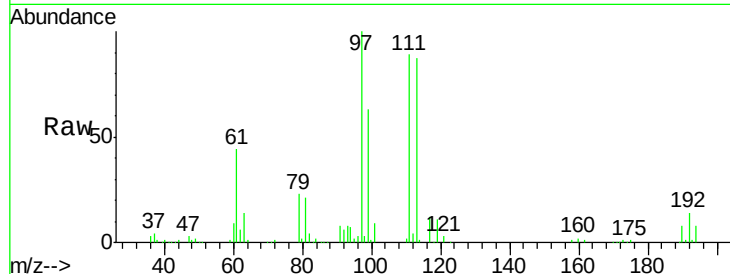
#35
 Dibromofluoromethane
 Concen: 44.928 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	162122		
111	102.0	82.9	124.3	
192	17.6	13.9	20.9	

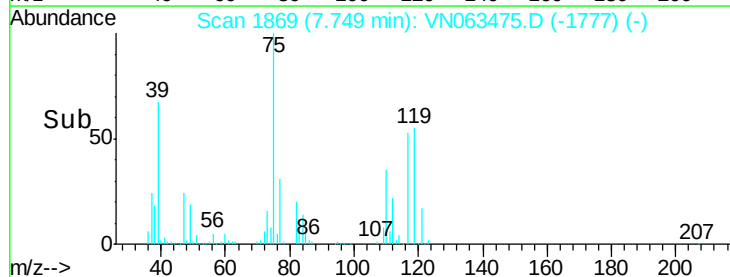
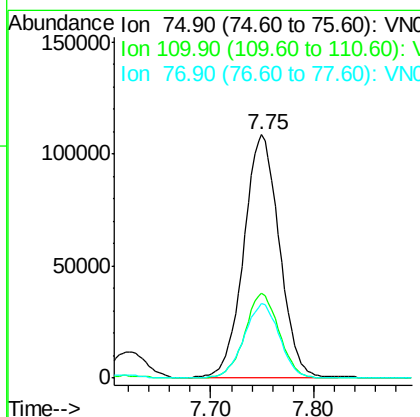
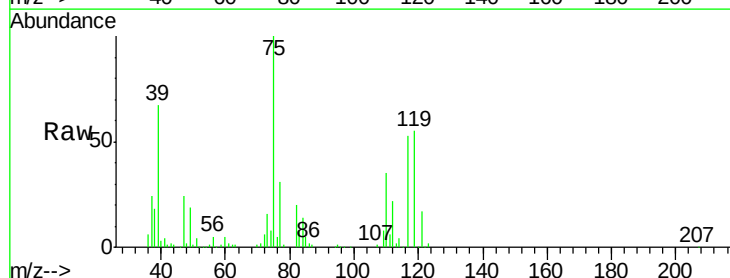
Manual Integrations
 APPROVED

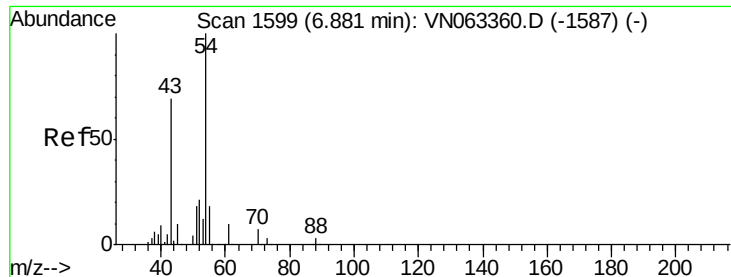
MMDadoda
 9/22/2020 2:06:59 PM



#36
 1,1-Dichloropropene
 Concen: 46.700 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	259331		
110	33.7	16.5	49.5	
77	31.0	24.6	36.8	





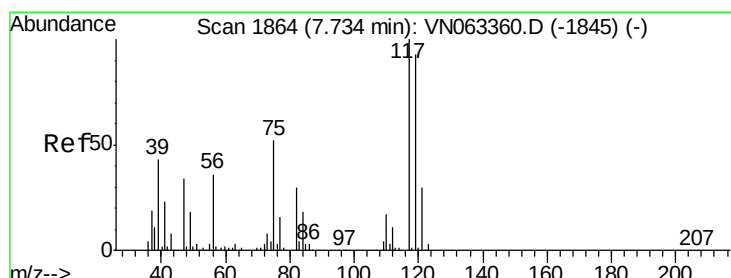
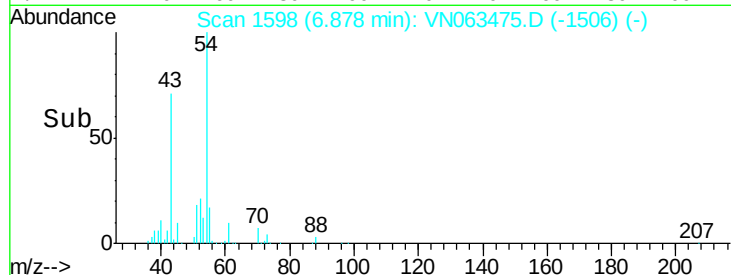
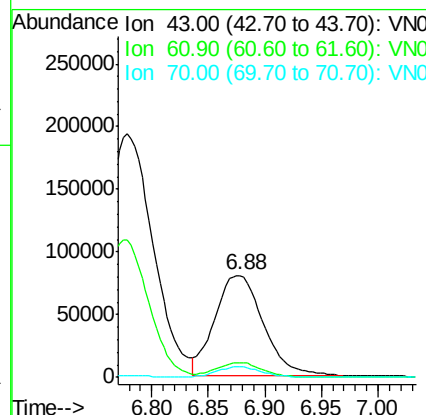
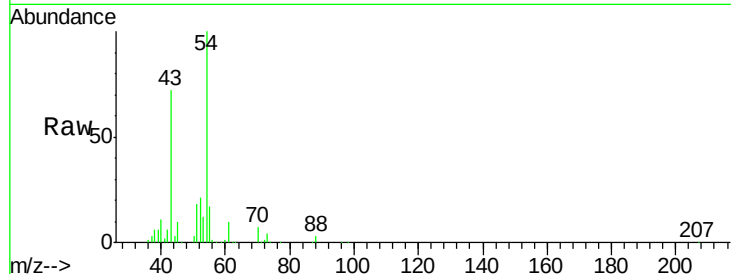
#37
Ethyl Acetate
Concen: 43.881 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	15.8
70	9.8	7.2	10.8

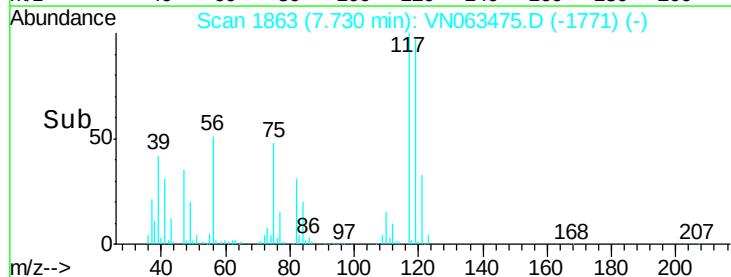
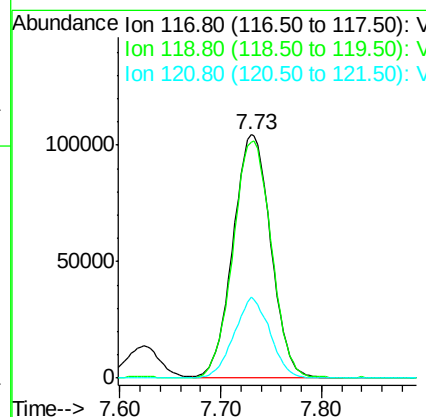
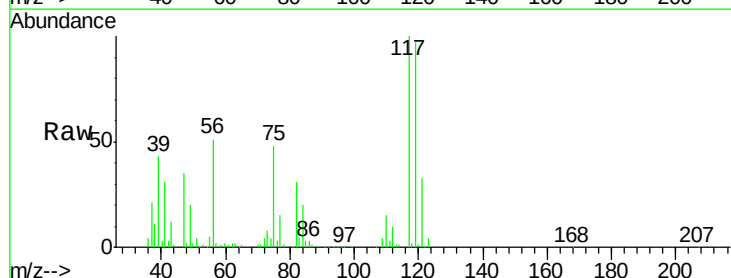
Manual Integrations
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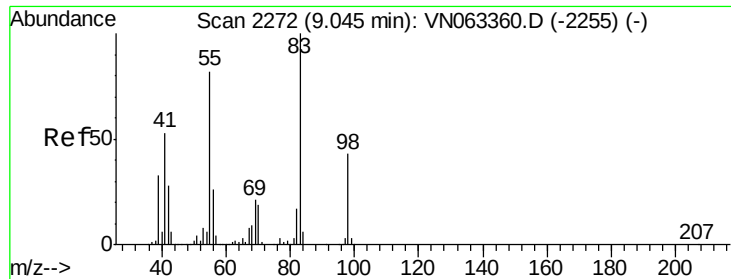
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.858 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.5	111.7
121	33.1	24.1	36.1





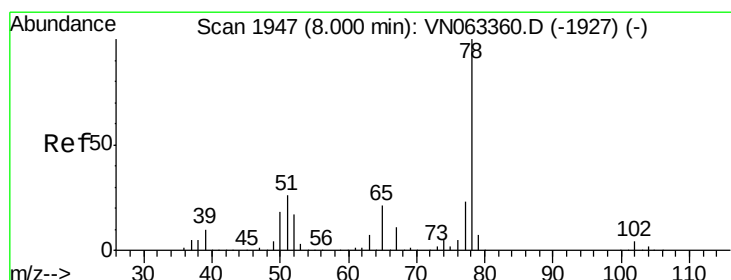
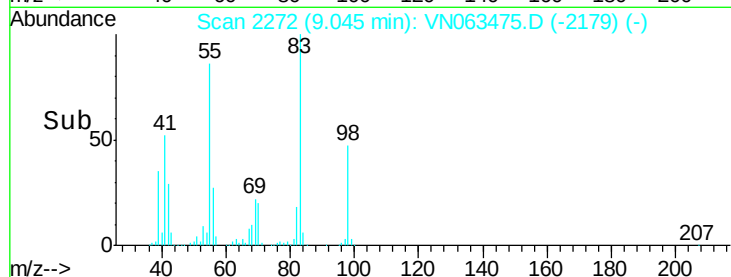
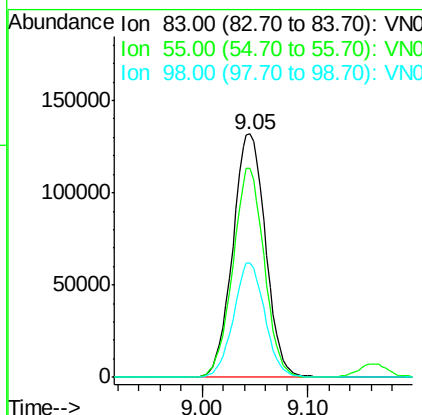
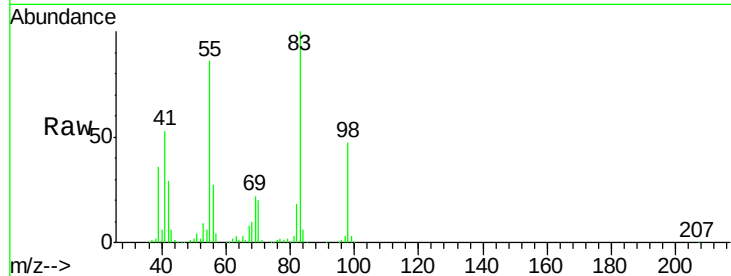
#39
Methylvlcyclohexane
Concen: 47.125 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	284020		
55	86.0		65.5	98.3
98	46.9		34.2	51.4

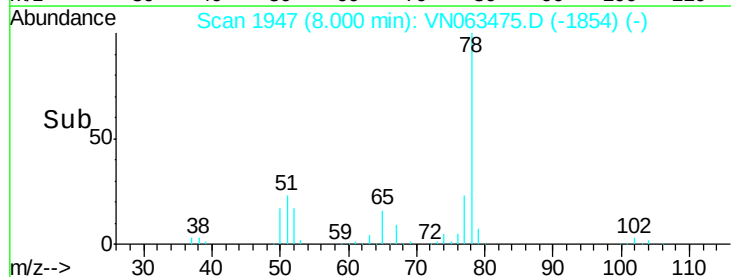
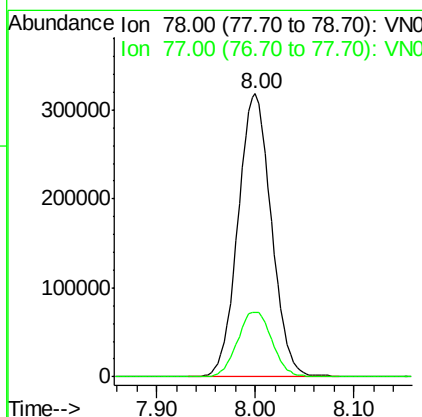
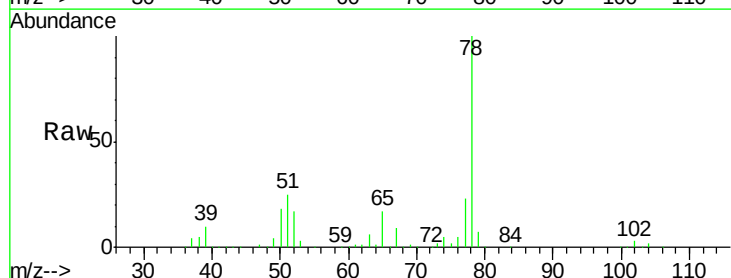
Manual Integrations
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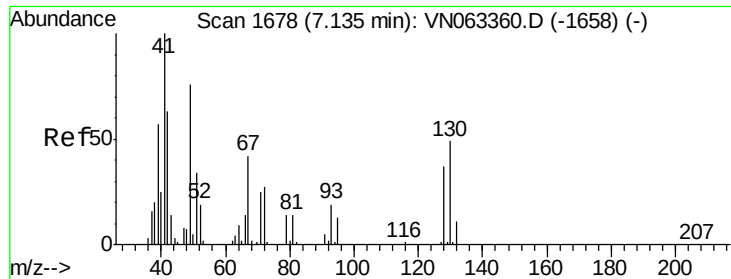
MMDadoda
9/22/2020 2:06:59 PM



#40
Benzene
Concen: 46.969 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	744560		
77	22.9		18.3	27.5





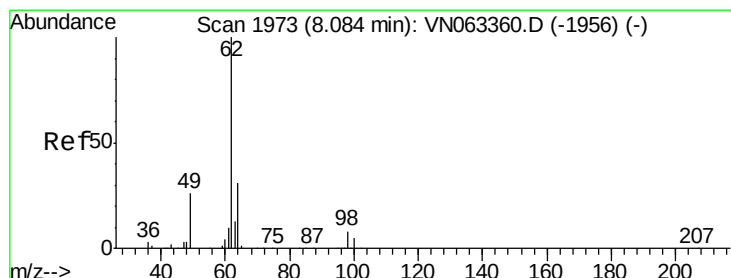
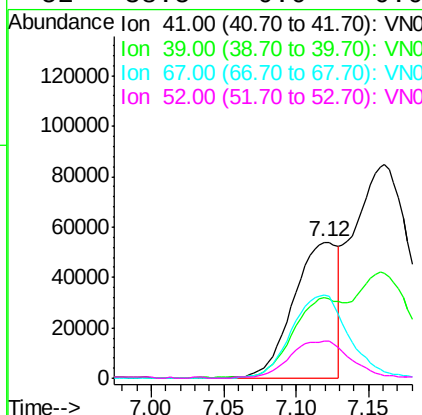
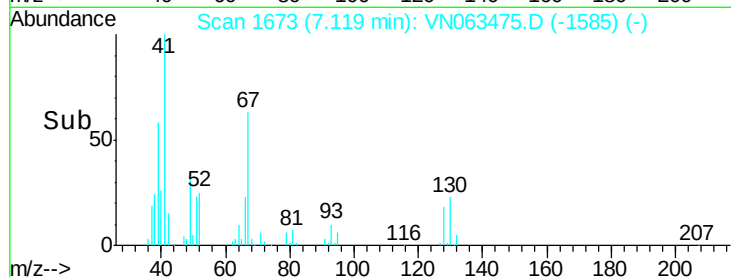
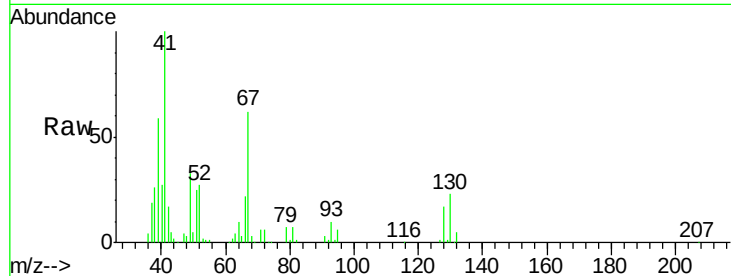
#41
Methacrylonitrile
Concen: 46.787 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.02 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	67.6	0.0	0.0#		
67	79.7	0.0	0.0#		
52	38.5	0.0	0.0#		

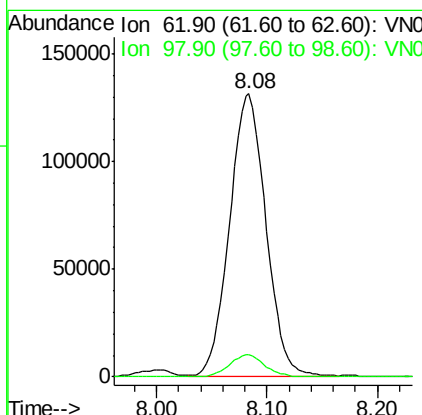
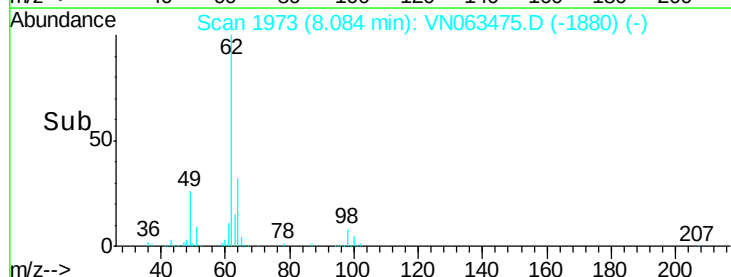
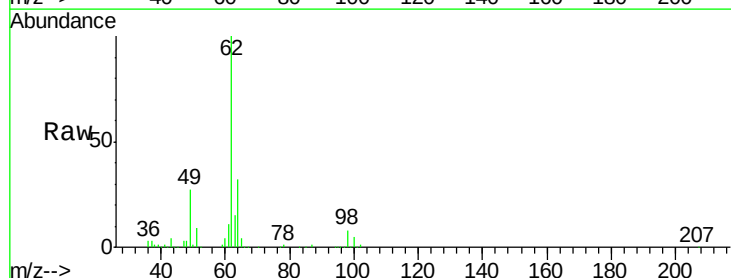
Manual Integrations
APPROVED

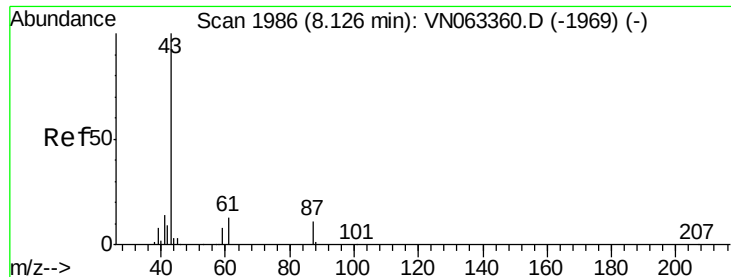
MMDadoda
9/22/2020 2:06:59 PM



#42
1,2-Dichloroethane
Concen: 46.856 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	7.7	0.0	15.6		





#43

Isopropyl Acetate

Concen: 44.298 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

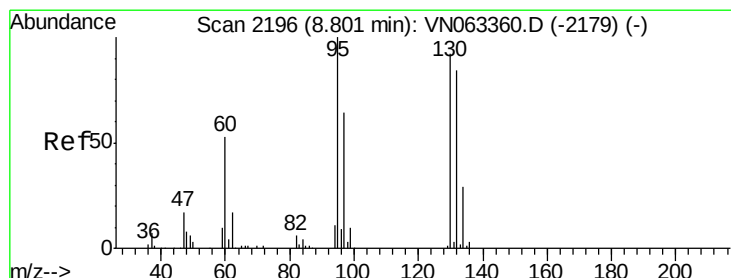
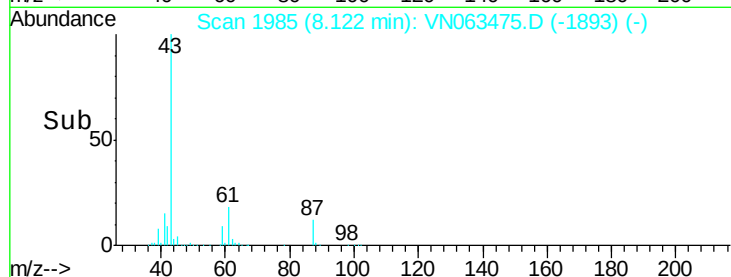
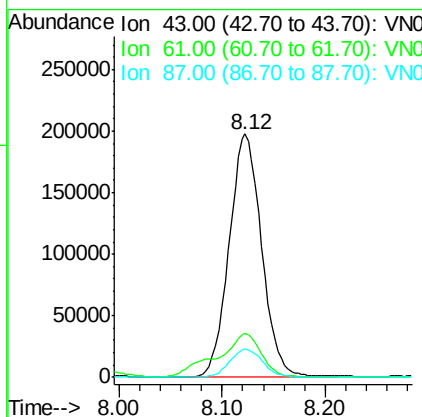
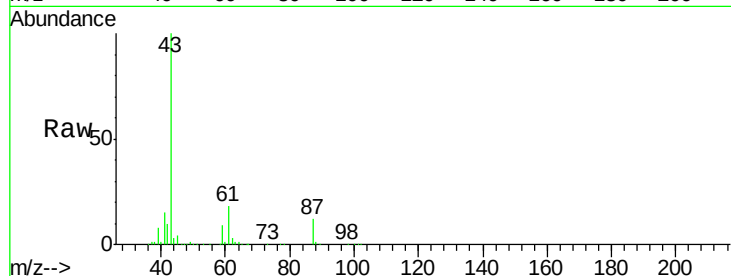
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	431699
Ion	Ratio	Lower	Upper
43	100		
61	24.6	14.2	21.2#
87	11.8	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 48.456 ug/l

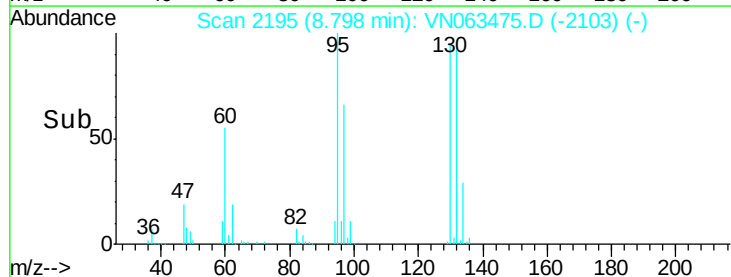
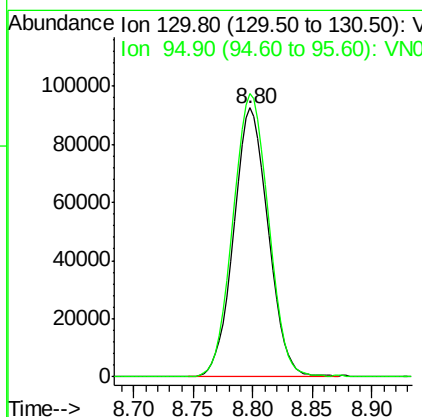
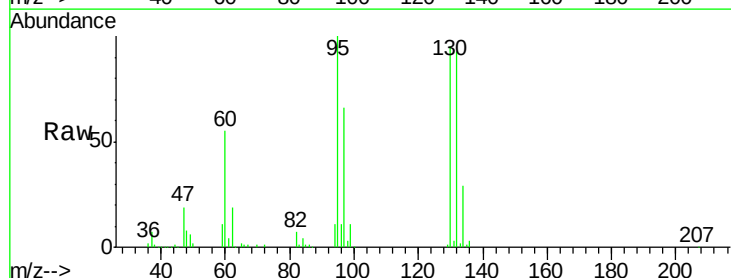
RT: 8.80 min Scan# 2195

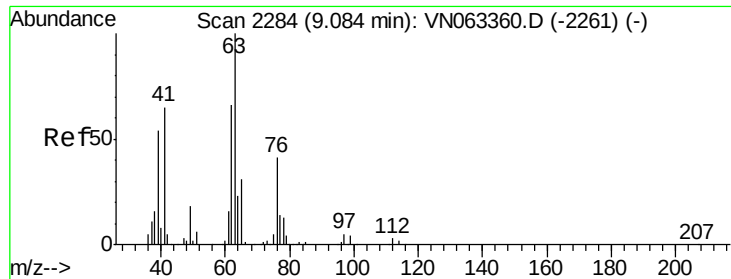
Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion:	130	Resp:	186306
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	217.4





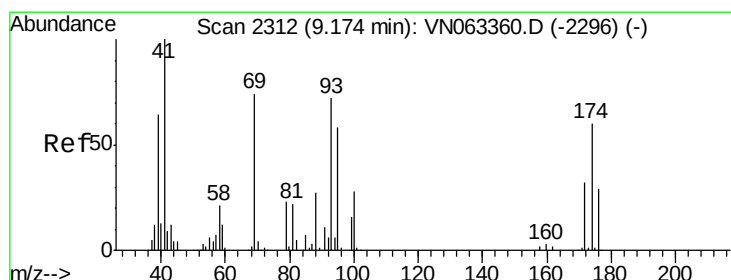
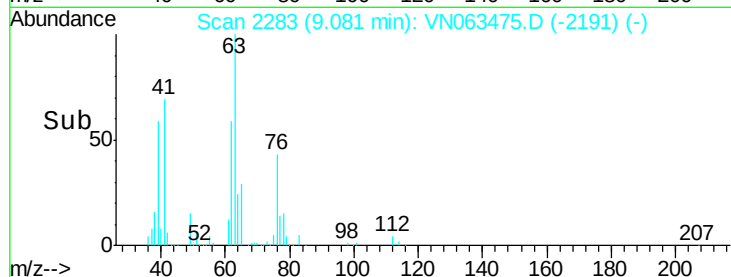
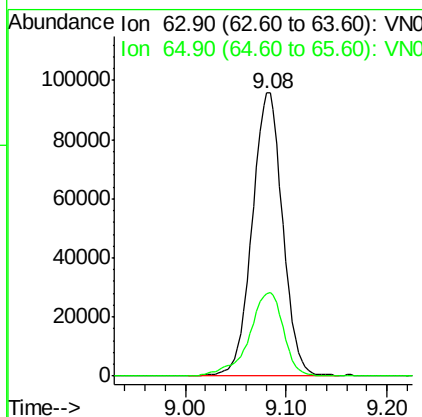
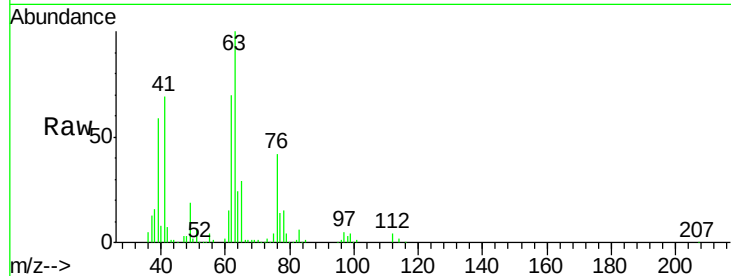
#45
 1,2-Dichloropropane
 Concen: 46.528 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 200880
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.6

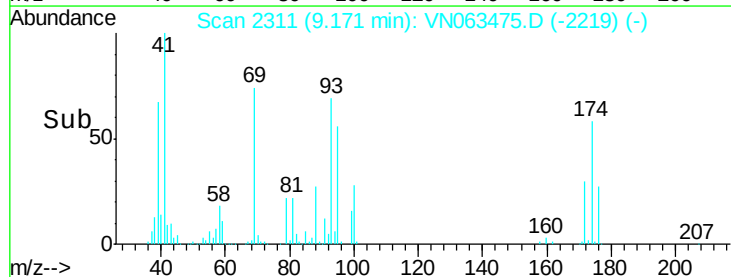
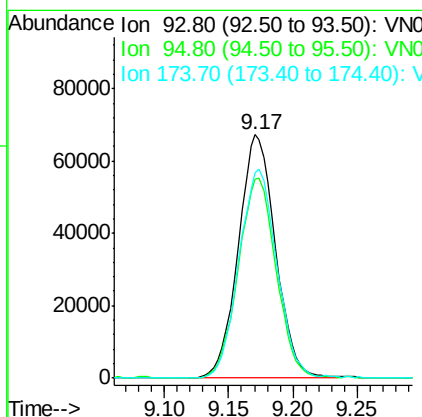
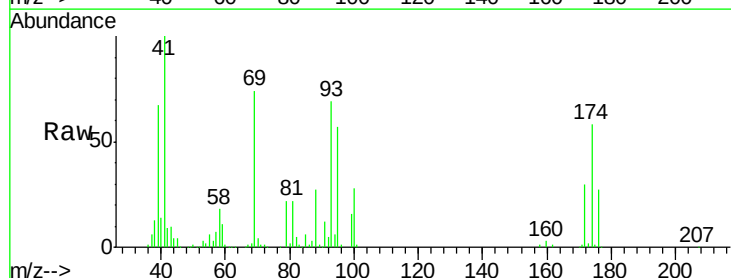
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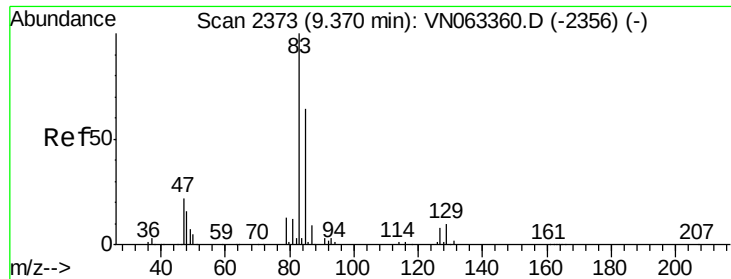
MMDadoda
 9/22/2020 2:06:59 PM



#46
 Dibromomethane
 Concen: 47.571 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion: 93 Resp: 134990
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.6 98.4
 174 87.6 68.1 102.1





#47

Bromodichloromethane

Concen: 48.597 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

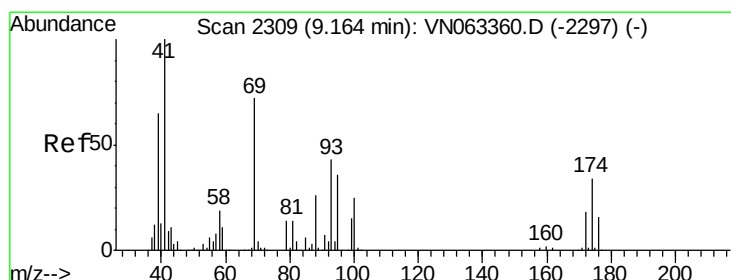
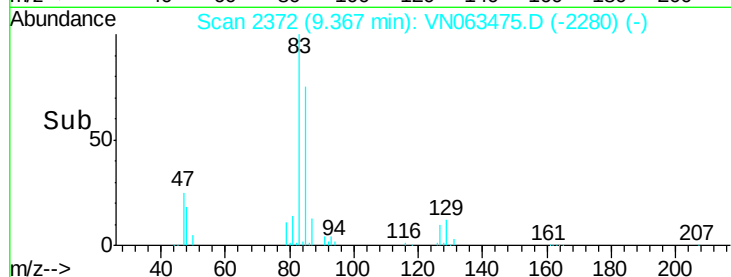
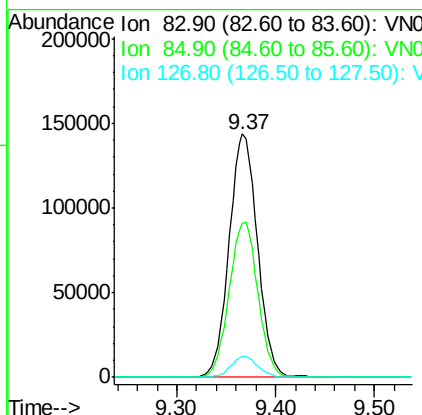
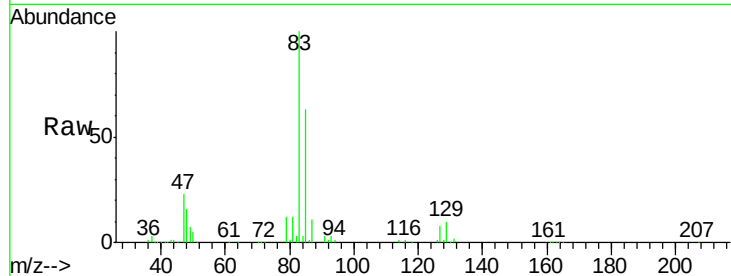
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	286488
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.0	76.6
127	8.4	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.353 ug/l

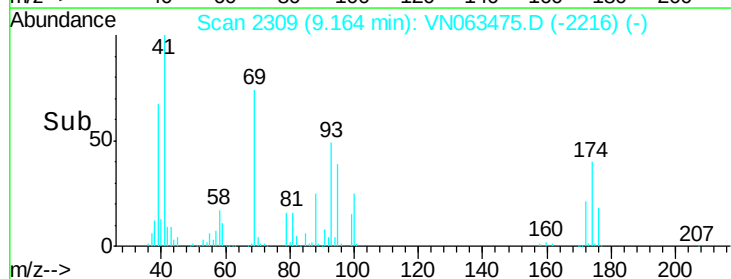
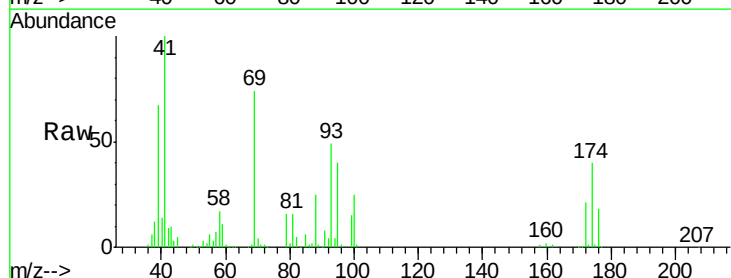
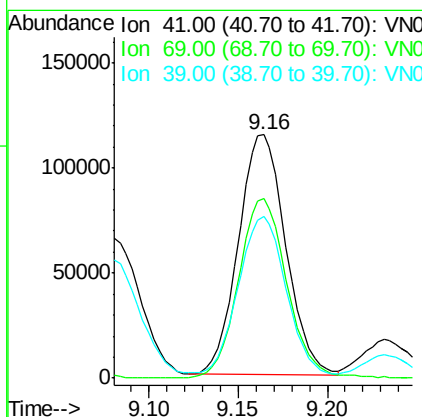
RT: 9.16 min Scan# 2309

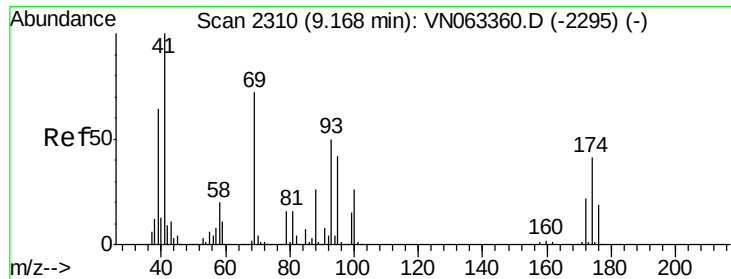
Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion:	41	Resp:	212360
Ion Ratio	Lower	Upper	
41	100		
69	76.4	59.3	88.9
39	68.5	52.9	79.3





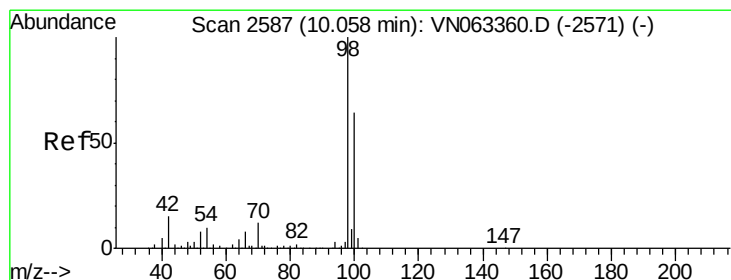
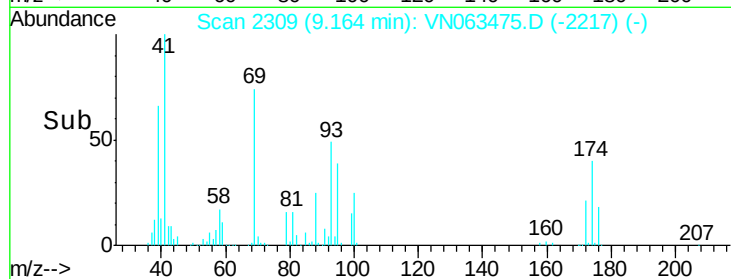
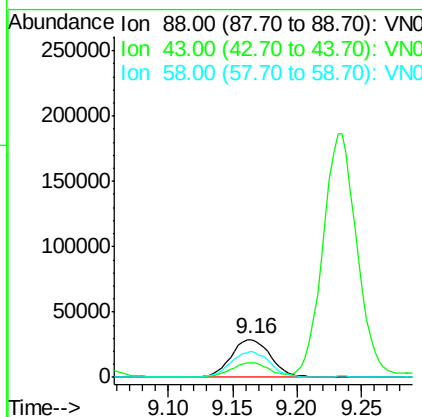
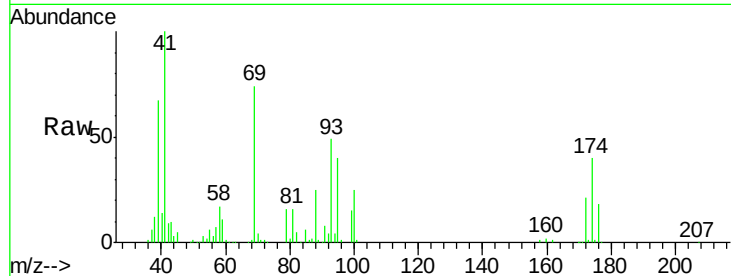
#49
1,4-Dioxane
Concen: 904.317 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	62136		
43	35.4		32.6	49.0
58	67.3		60.0	90.0

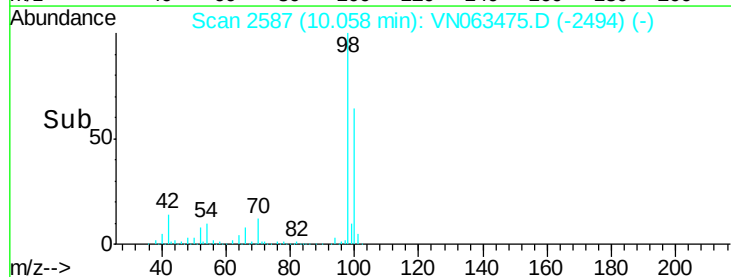
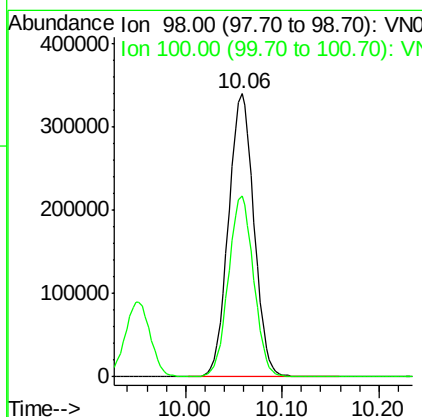
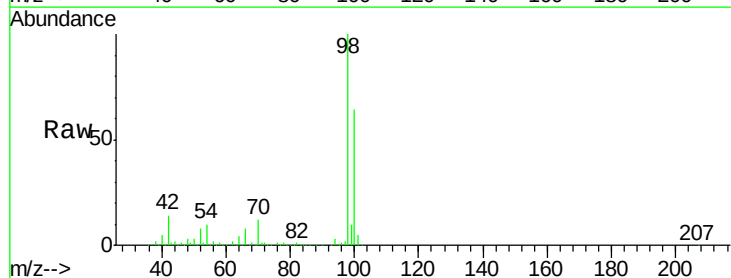
Manual Integrations
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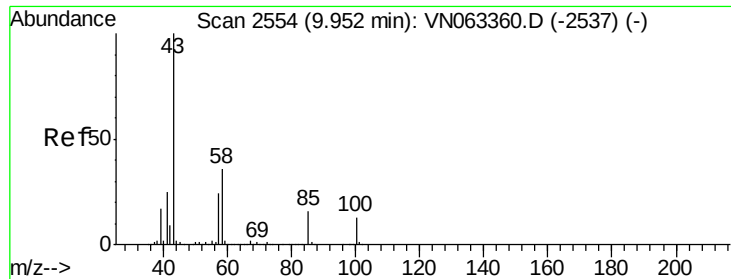
MMDadoda
9/22/2020 2:06:59 PM



#50
Toluene-d8
Concen: 45.932 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	623229		
100	63.1		50.7	76.1





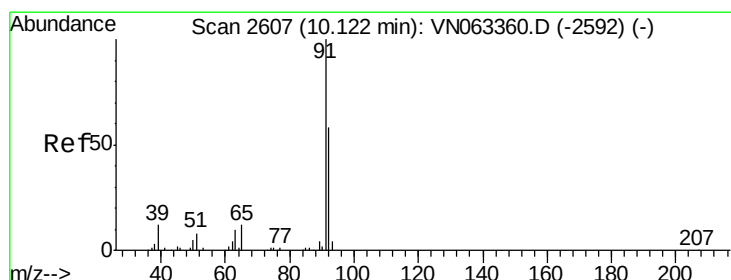
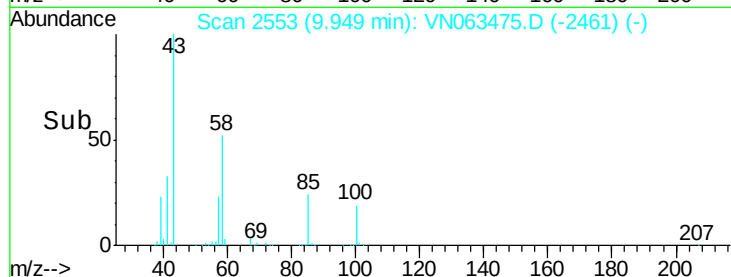
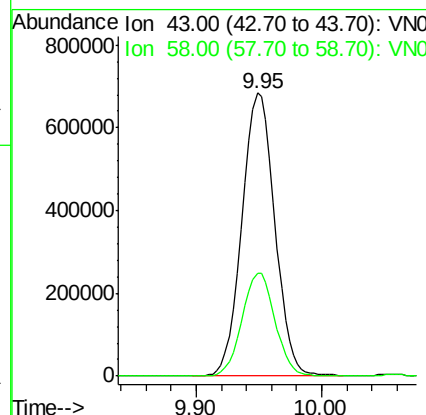
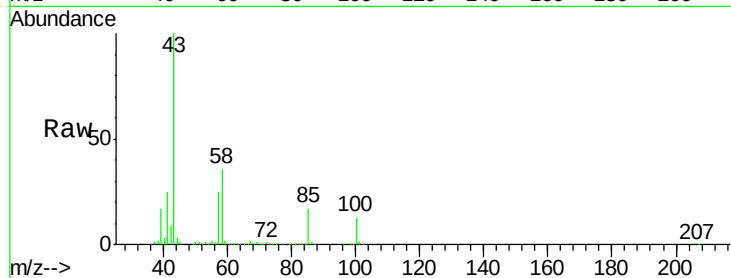
#51
4-Methyl-2-Pentanone
Concen: 227.786 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1242758
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6

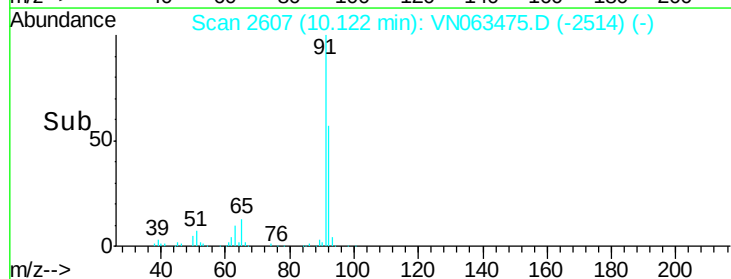
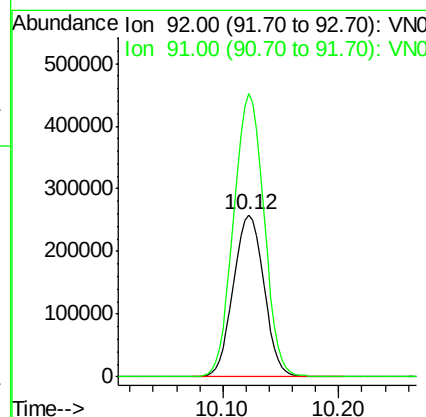
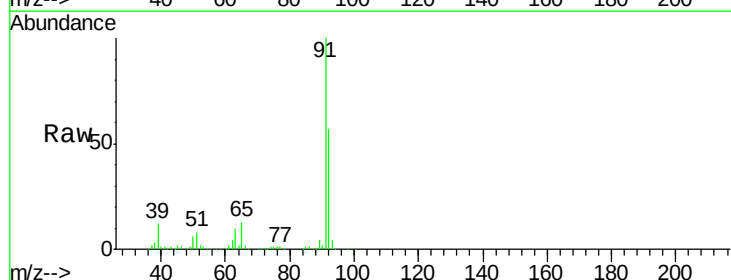
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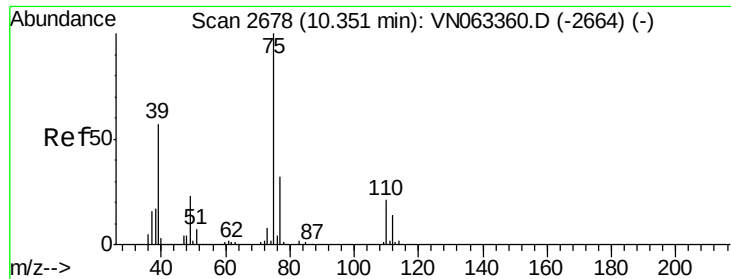
MMDadoda
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#52
Toluene
Concen: 49.580 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 92 Resp: 472542
Ion Ratio Lower Upper
92 100
91 174.1 139.7 209.5





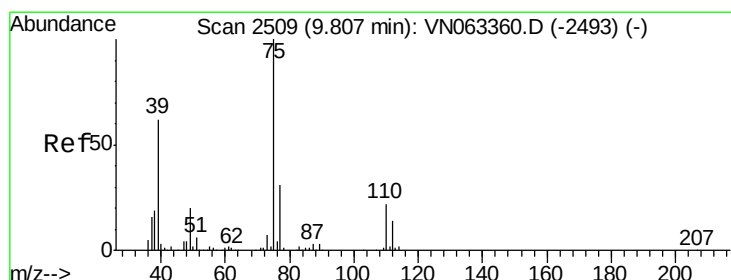
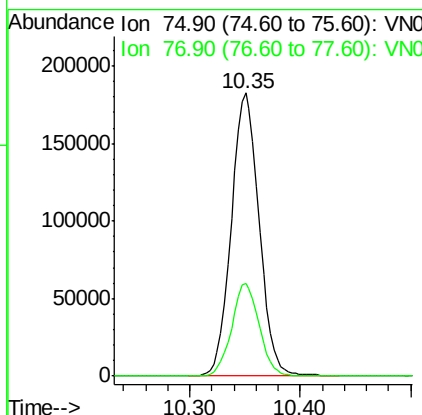
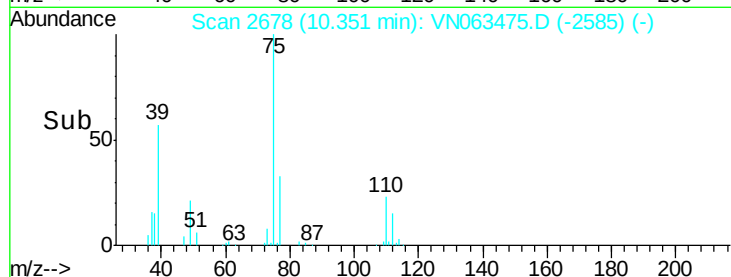
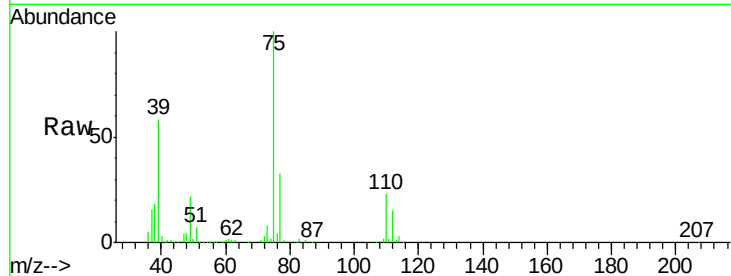
#53
t-1,3-Dichloropropene
Concen: 48.711 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 320582
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

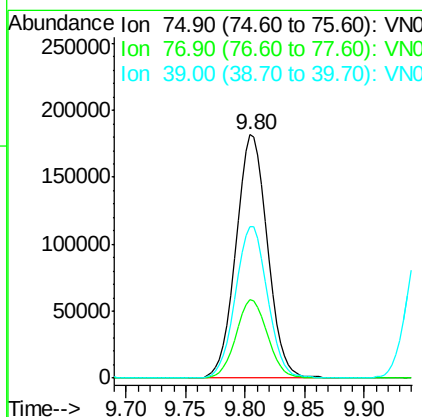
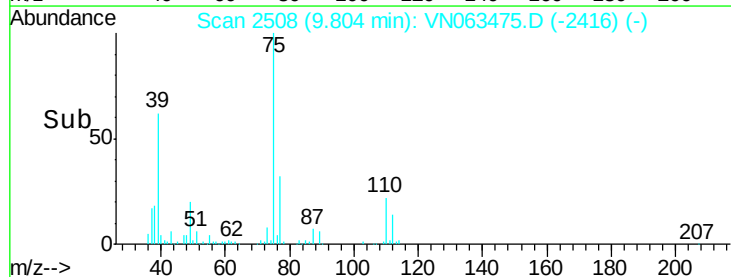
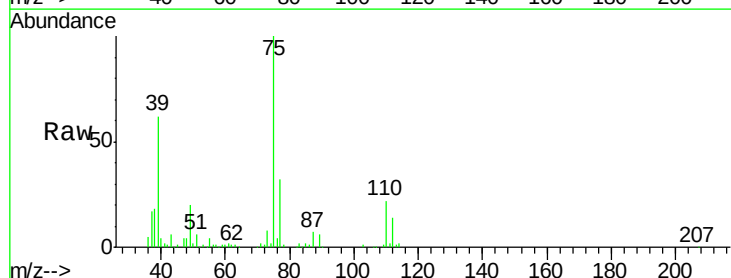
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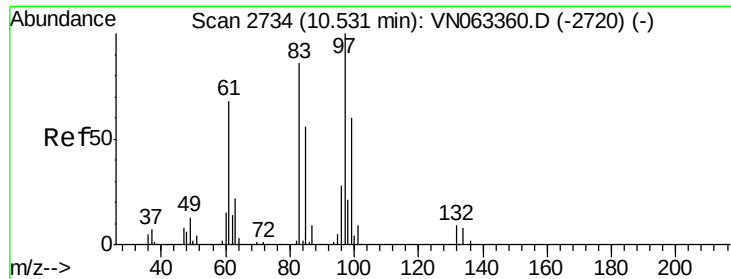
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.193 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 75 Resp: 334549
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 61.9 49.8 74.8





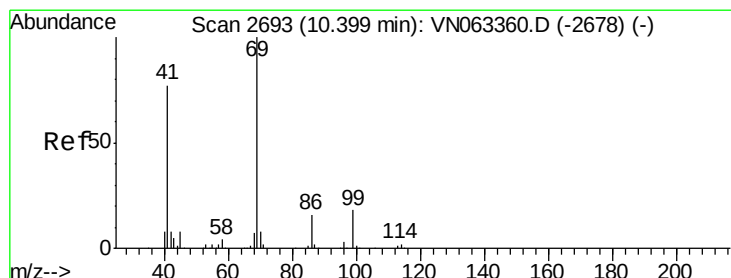
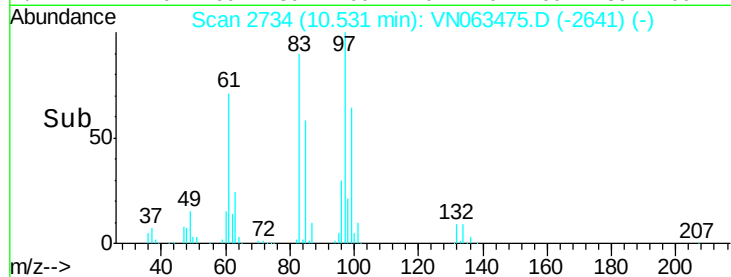
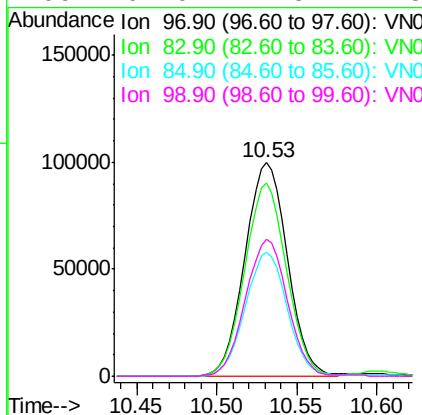
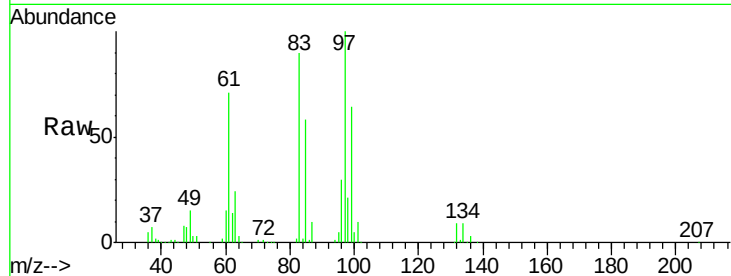
#55
 1,1,2-Trichloroethane
 Concen: 47.995 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	181693
Ion	Ratio	Lower	Upper
97	100		
83	90.2	68.9	103.3
85	57.9	44.8	67.2
99	64.0	47.8	71.8

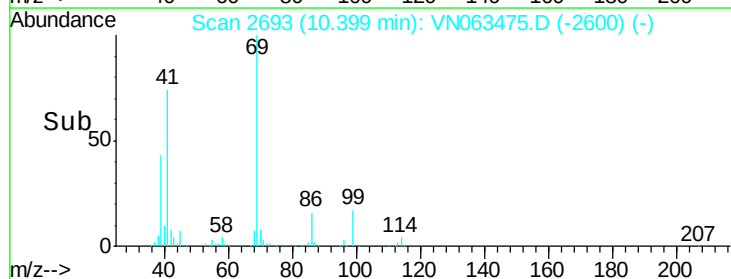
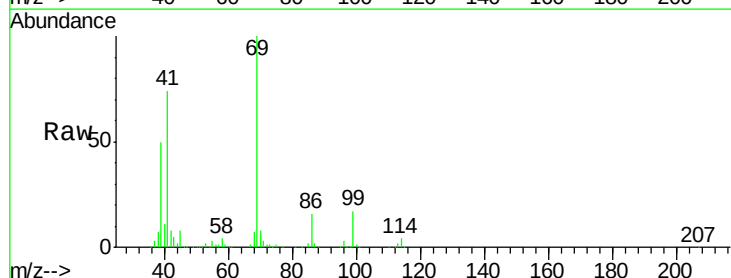
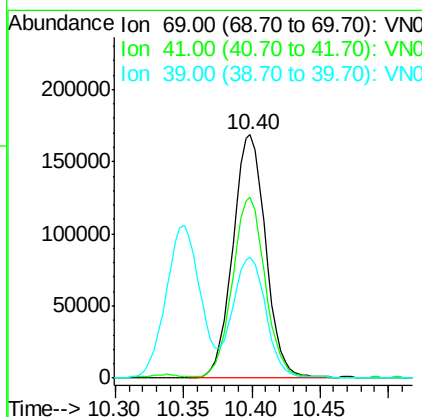
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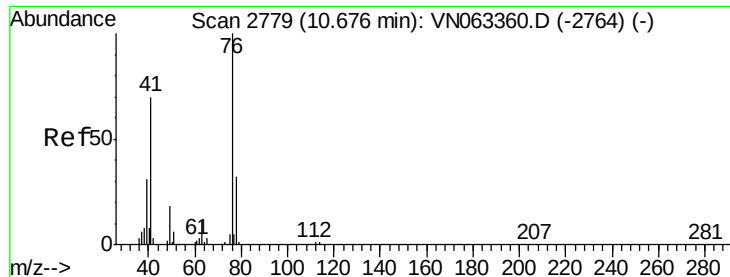
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#56
 Ethyl methacrylate
 Concen: 47.815 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion:	69	Resp:	282584
Ion	Ratio	Lower	Upper
69	100		
41	73.6	61.0	91.6
39	49.4	39.2	58.8





#57

1,3-Dichloropropane

Concen: 46.529 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 317649

Ion Ratio Lower Upper

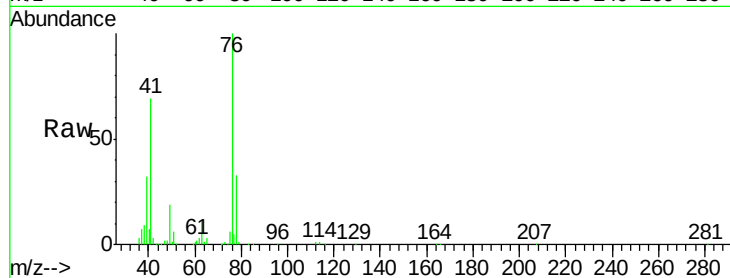
76 100

78 33.1 25.8 38.8

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

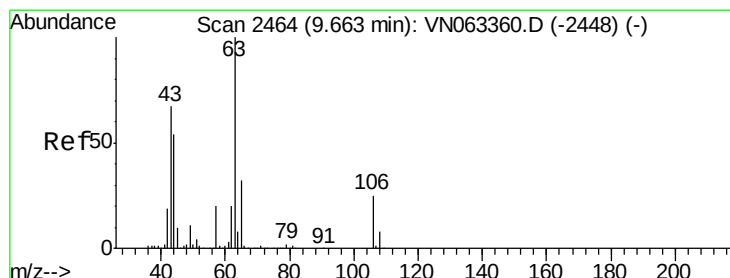
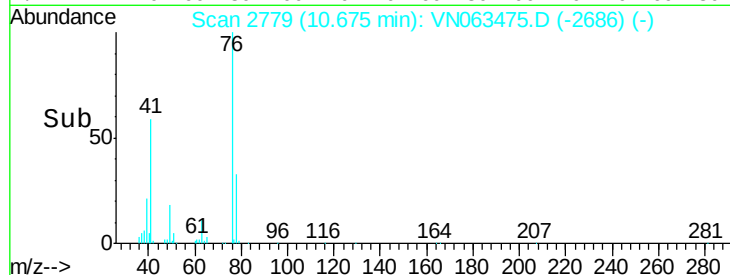
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 213.492 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN063475.D

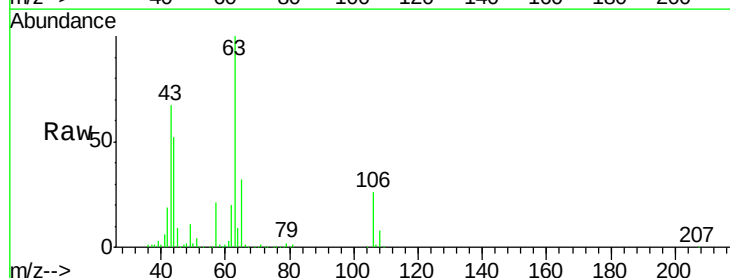
Acq: 21 Sep 2020 10:30

Tgt Ion: 63 Resp: 661871

Ion Ratio Lower Upper

63 100

106 25.8 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

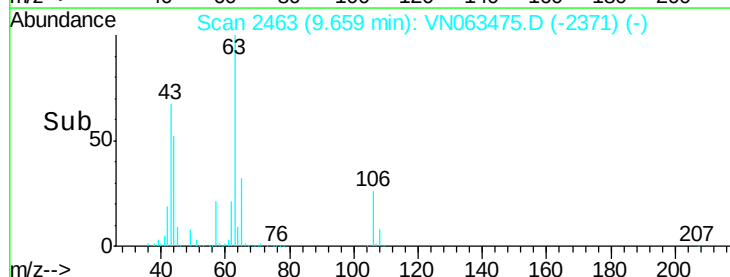
300000

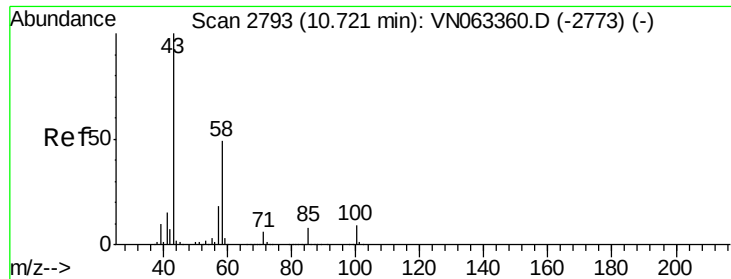
200000

100000

0

Time-->





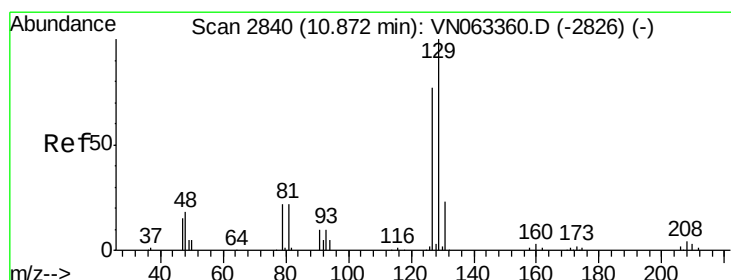
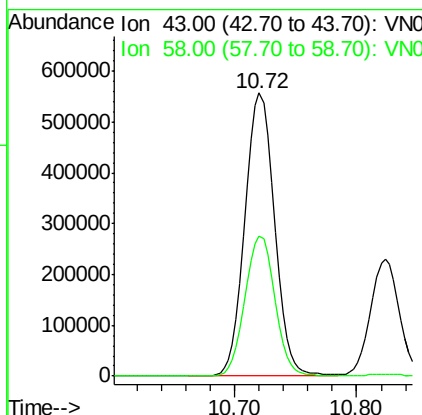
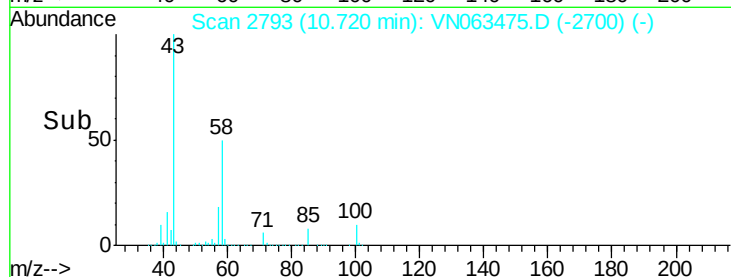
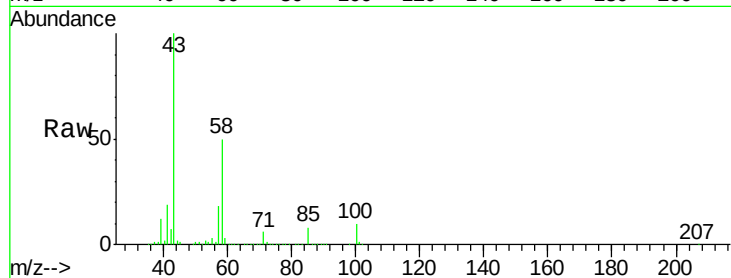
#59
2-Hexanone
Concen: 235.133 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 929384
Ion Ratio Lower Upper
43 100
58 50.3 24.7 74.1

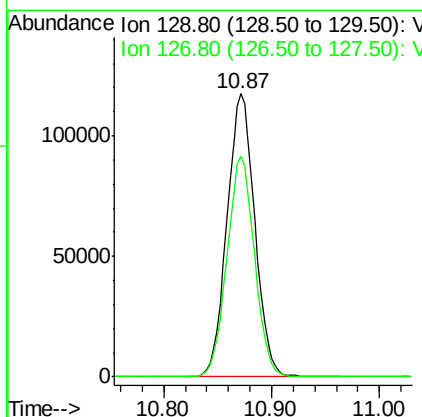
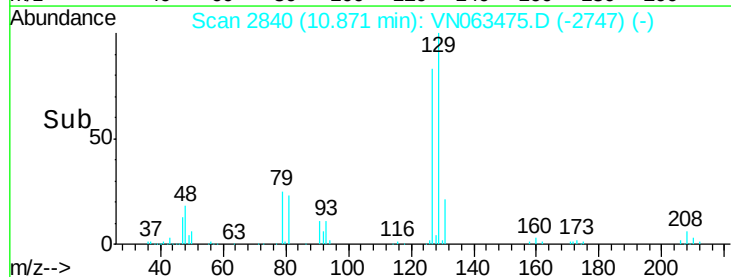
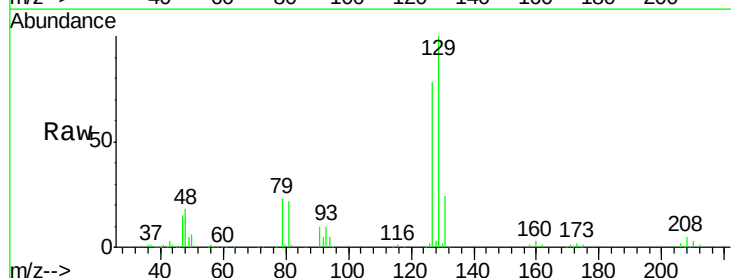
Manual Integrations
APPROVED

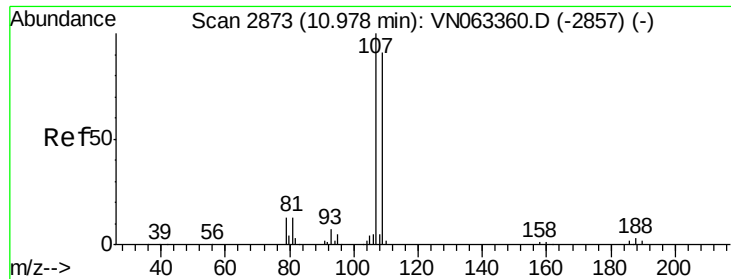
MMDadoda
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#60
Dibromochloromethane
Concen: 49.294 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 129 Resp: 210820
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3





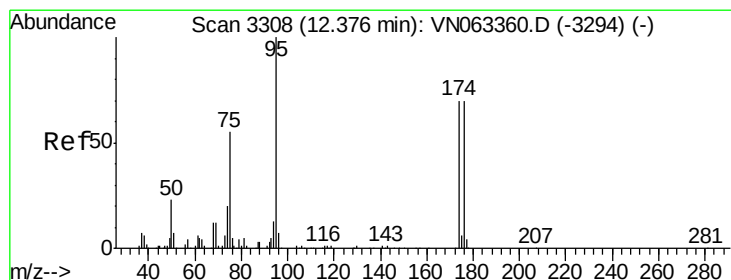
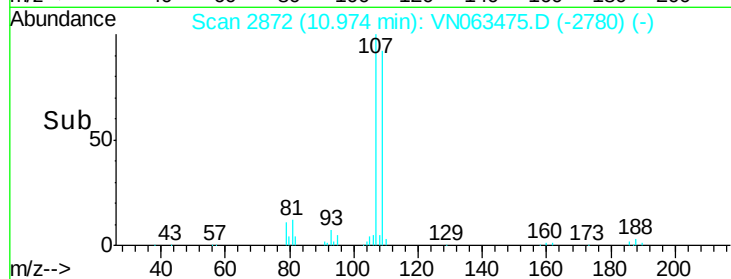
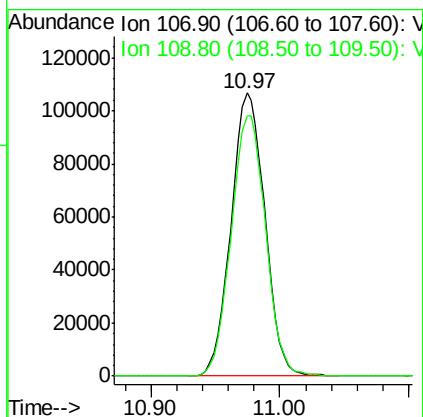
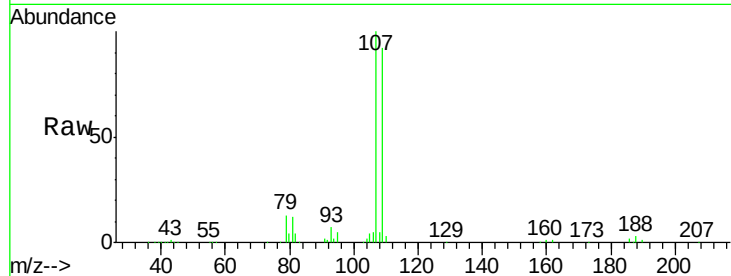
#61
 1,2-Dibromoethane
 Concen: 49.315 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.6	111.8

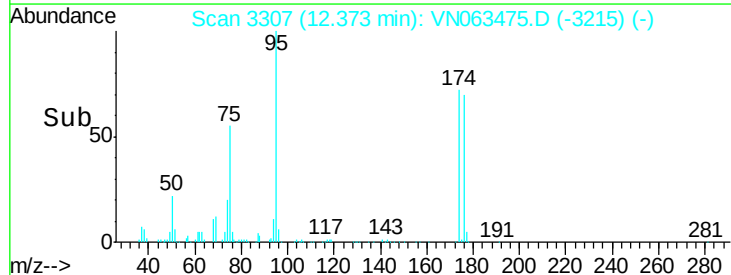
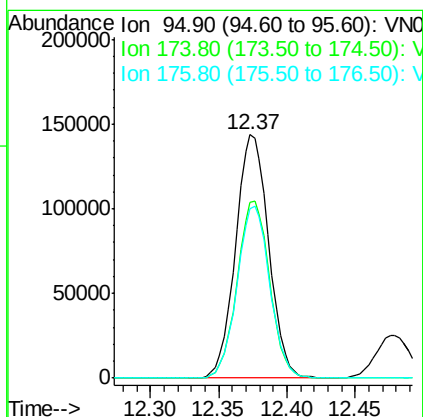
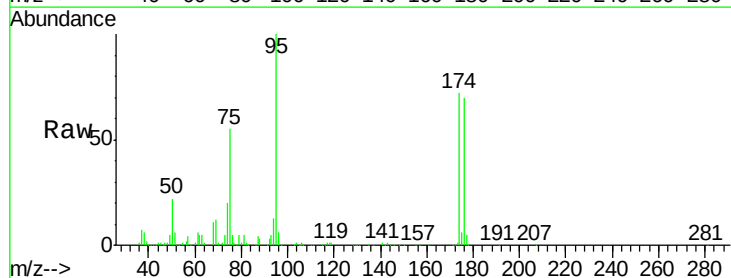
Manual Integrations
 APPROVED

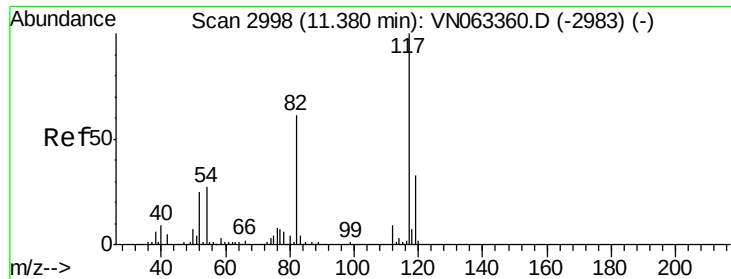
MMDadoda
 9/22/2020 2:06:59 PM



#62
 4-Bromofluorobenzene
 Concen: 48.636 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	140.8
176	69.8	0.0	137.6





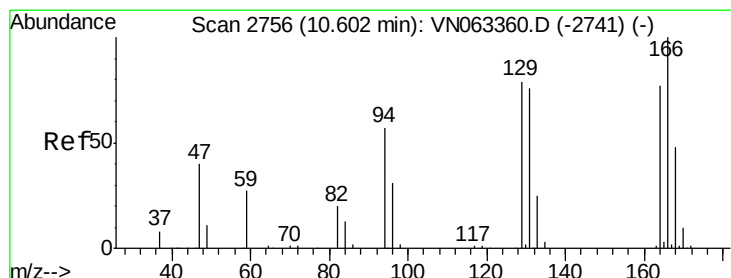
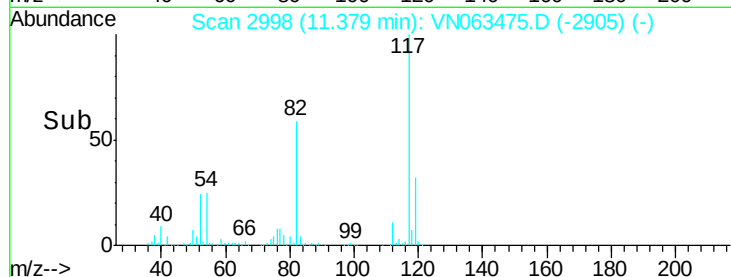
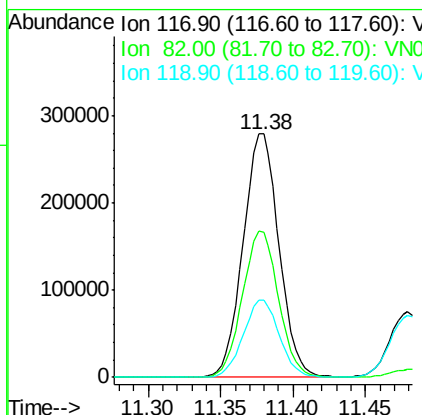
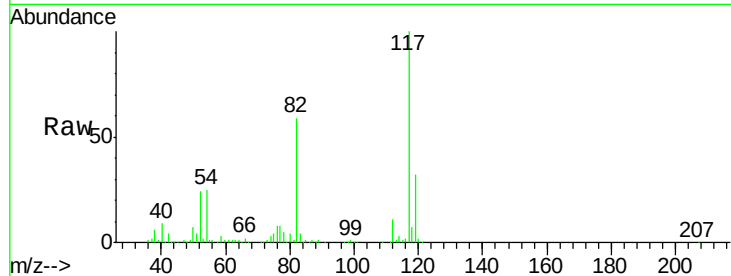
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	482125		
82	59.4	49.2	73.8	
119	31.5	26.2	39.4	

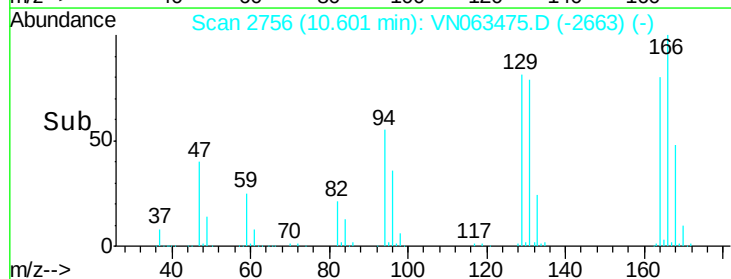
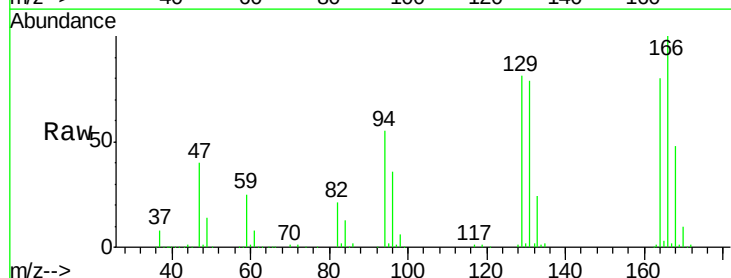
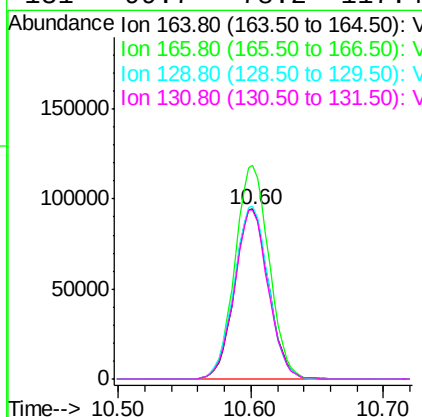
Manual Integrations
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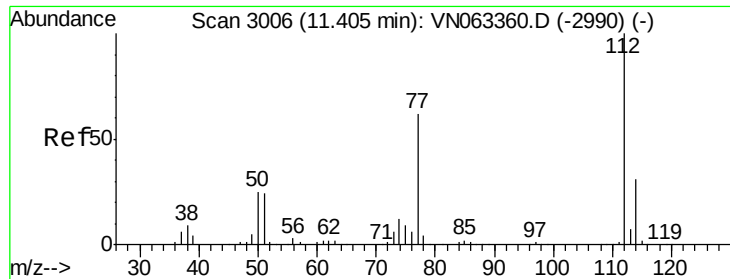
MMDadoda
9/22/2020 2:06:59 PM



#64
Tetrachloroethene
Concen: 51.394 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	168722		
166	125.5	103.4	155.0	
129	101.3	81.8	122.6	
131	99.7	78.2	117.4	





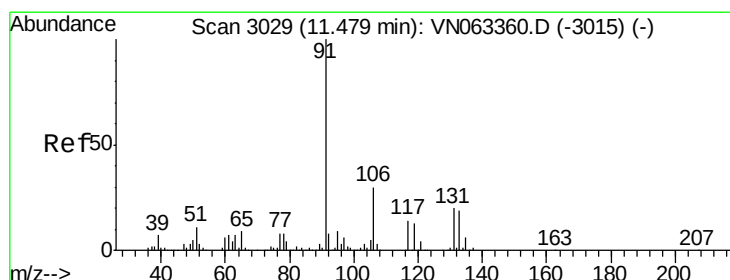
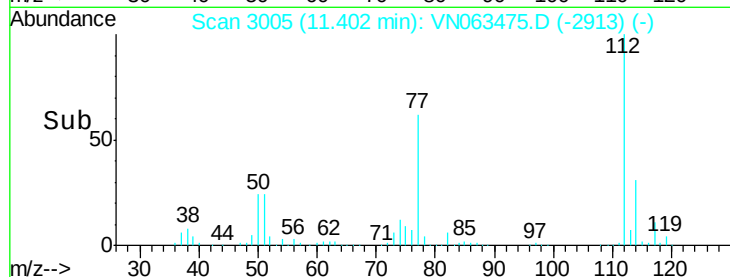
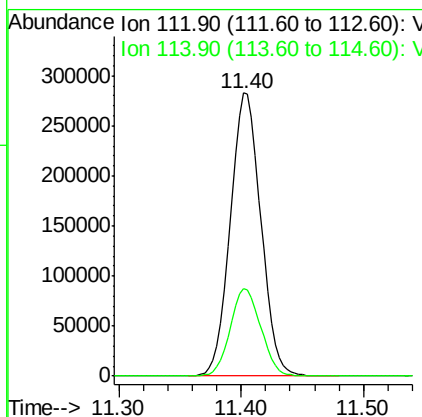
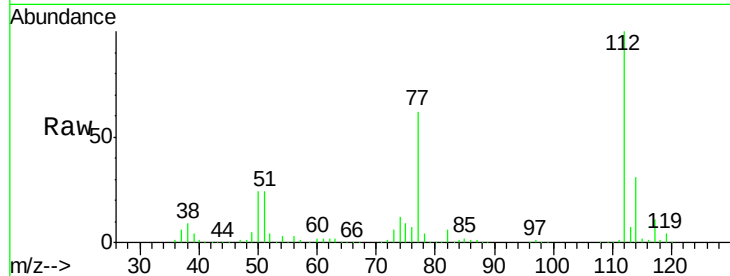
#65
Chlorobenzene
Concen: 48.128 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 492552
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6

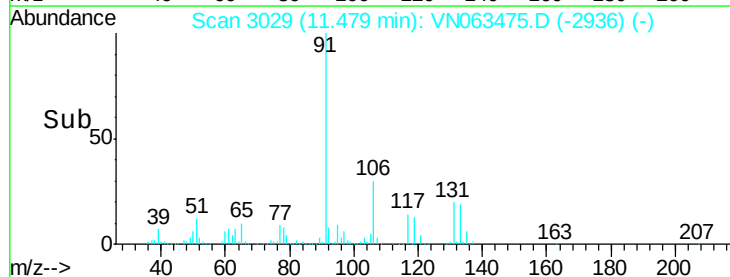
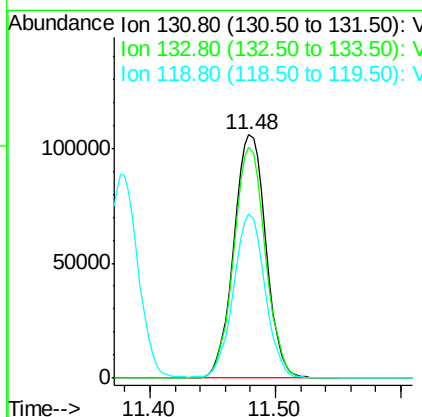
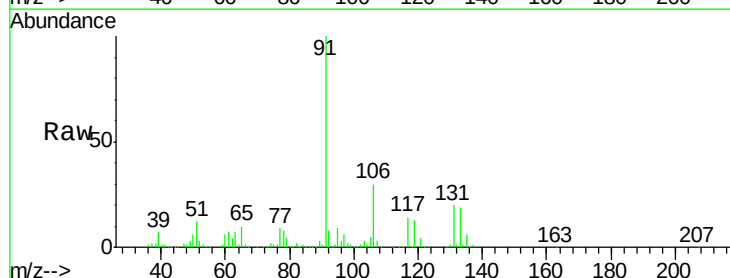
Manual Integrations
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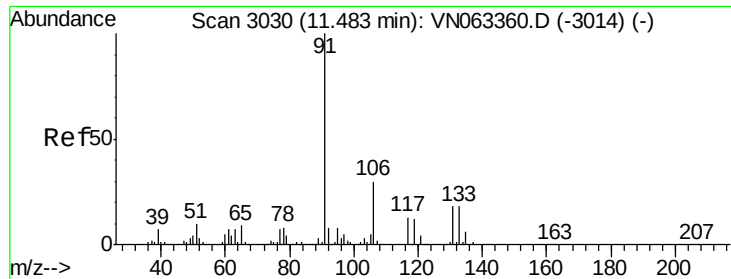
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9/22/2020 2:06:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.292 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion:131 Resp: 188670
Ion Ratio Lower Upper
131 100
133 93.3 47.3 141.9
119 66.2 33.6 100.8





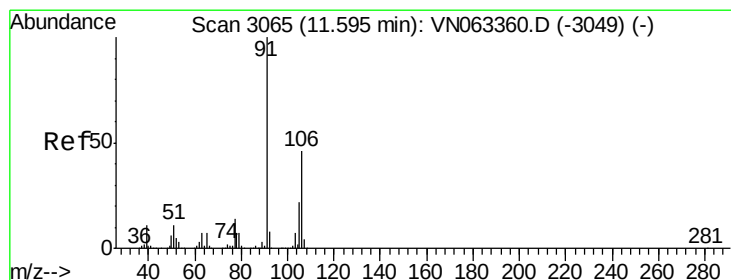
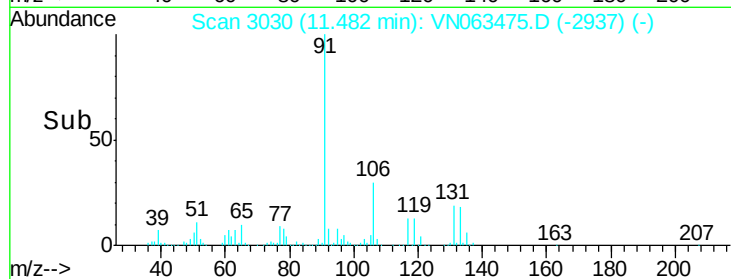
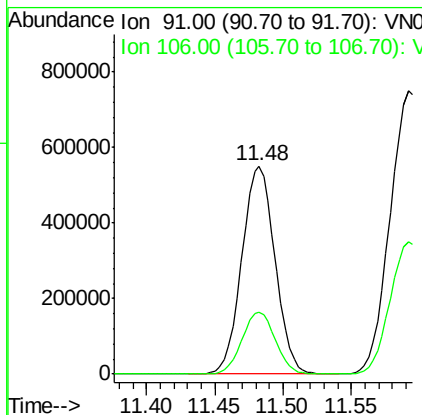
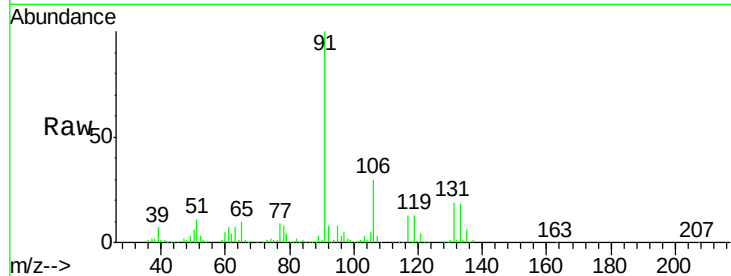
#67
Ethyl Benzene
Concen: 48.245 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 929827
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6

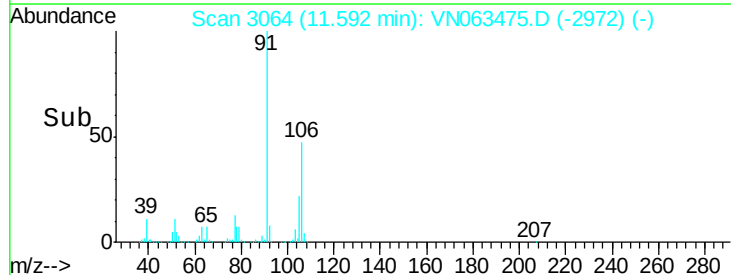
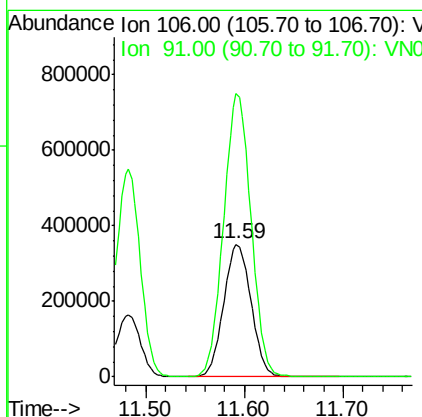
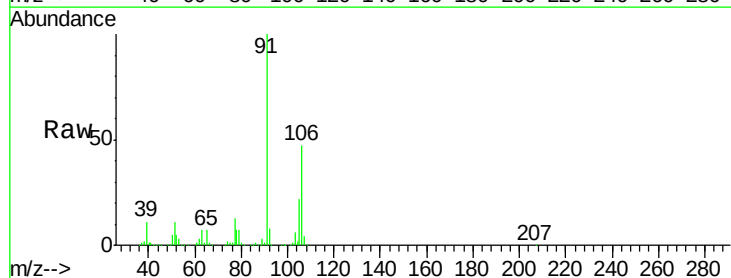
Manual Integrations
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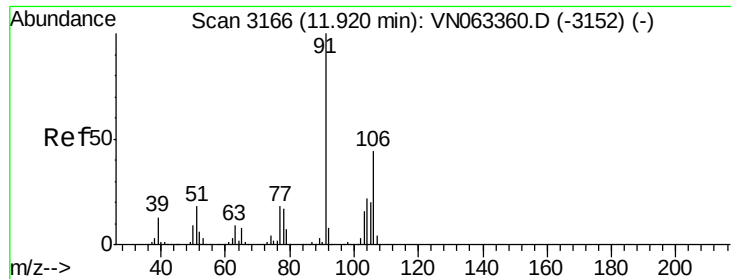
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9/22/2020 2:06:59 PM



#68
m/p-Xylenes
Concen: 98.640 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 106 Resp: 685435
Ion Ratio Lower Upper
106 100
91 212.9 171.2 256.8





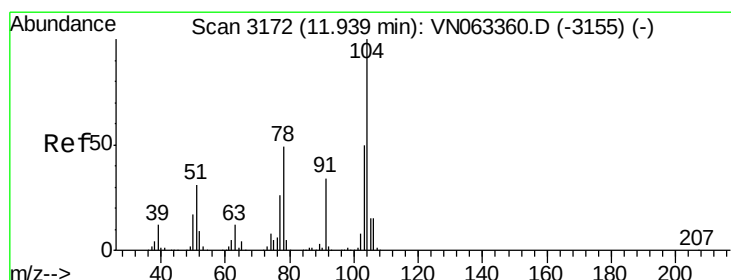
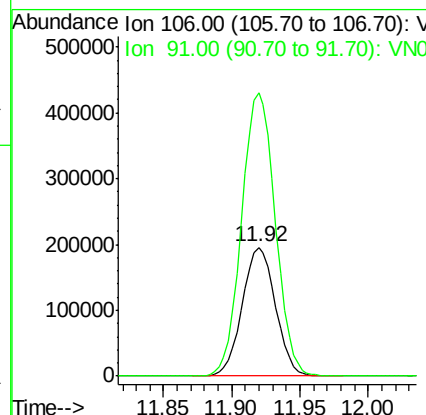
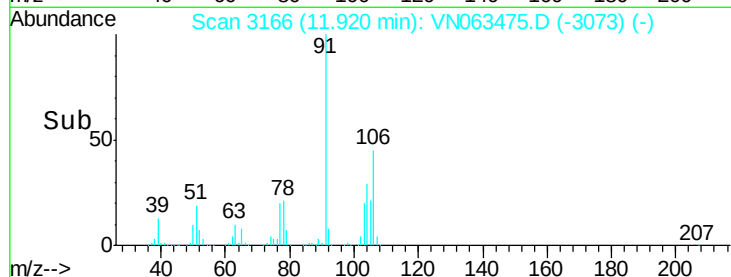
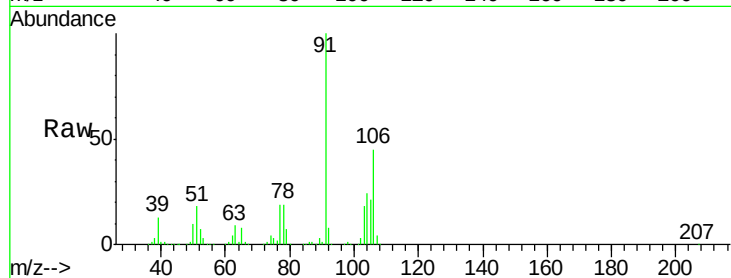
#69
o-Xylene
Concen: 49.815 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	223.5	113.6	329750		340.8

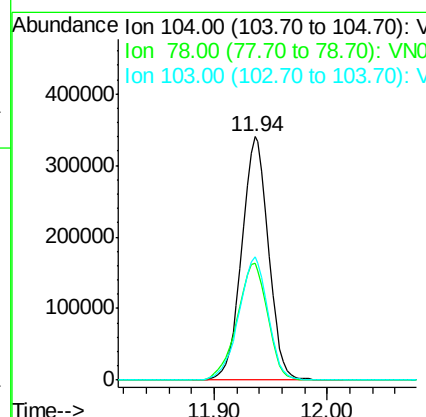
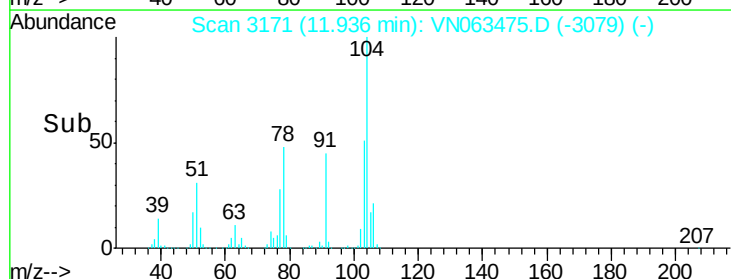
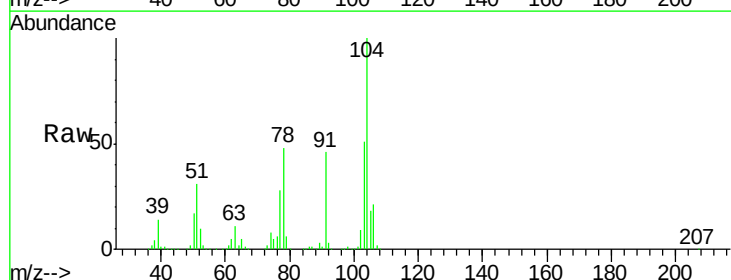
Manual Integrations
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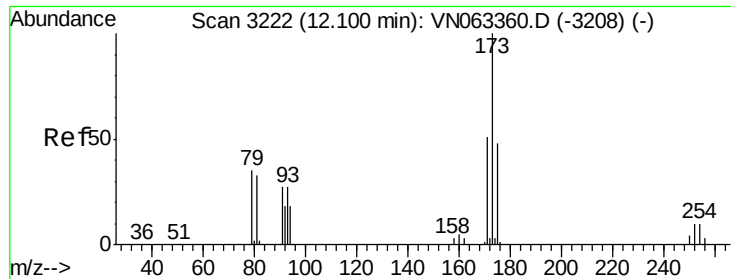
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9/22/2020 2:06:59 PM



#70
Styrene
Concen: 50.425 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	54.6	44.4	559753		66.6
103	55.4	43.7			65.5





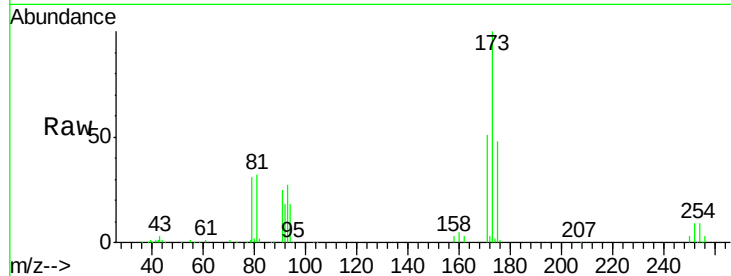
#71
Bromoform
Concen: 50.859 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

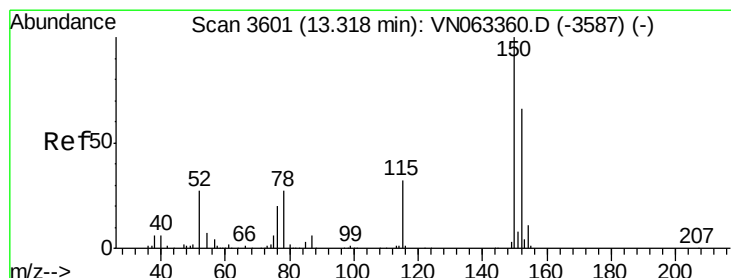
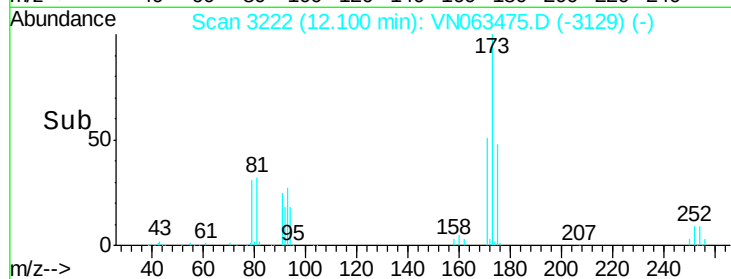
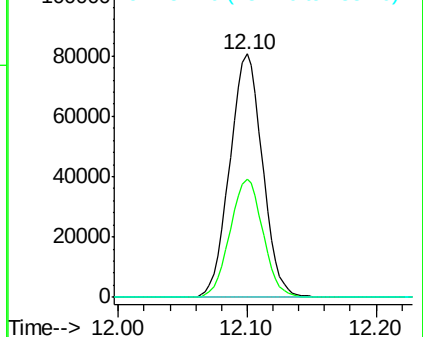
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.0	72.0
254	0.0	0.0	0.0

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9/22/2020 2:06:59 PM

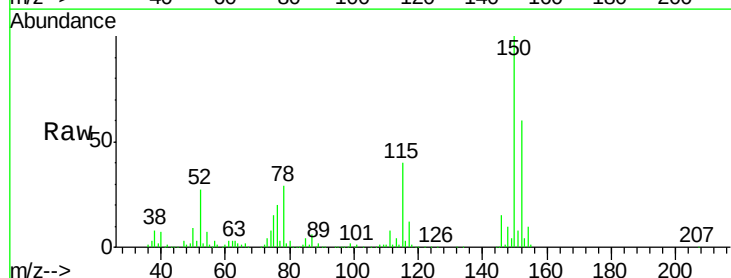


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

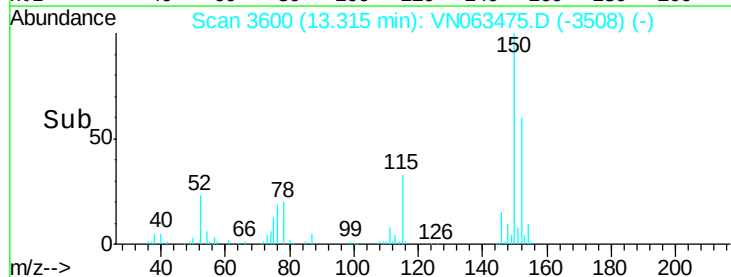
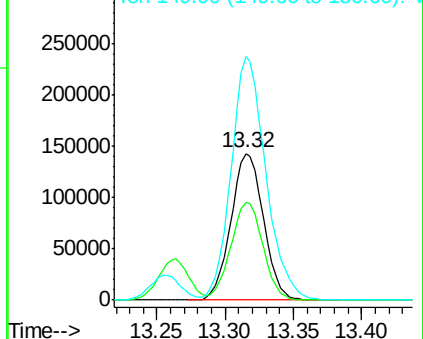


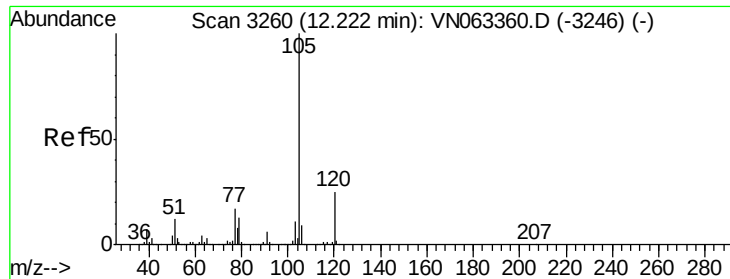
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	32.2	96.6
150	176.8	0.0	343.4



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





#73

Isopropylbenzene

Concen: 47.521 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 902115

Ion Ratio Lower Upper

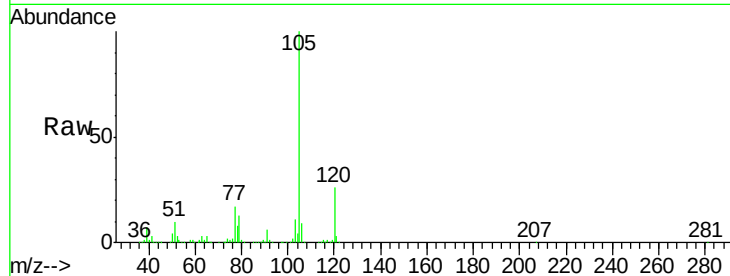
105 100

120 25.4 12.7 38.0

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9/22/2020 2:06:59 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

600000

500000

400000

300000

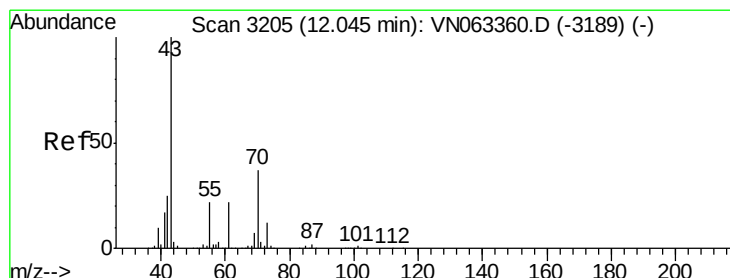
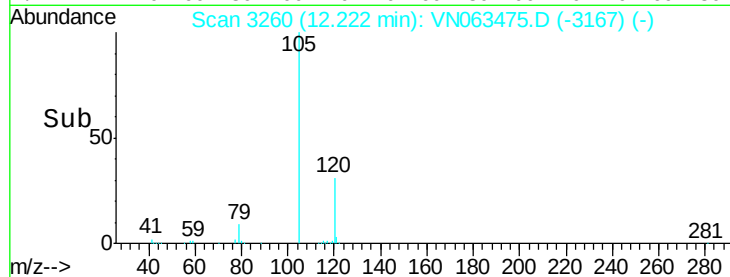
200000

100000

0

12.20 12.30

Time-->



#74

N-ethyl acetate

Concen: 44.931 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion: 43 Resp: 403761

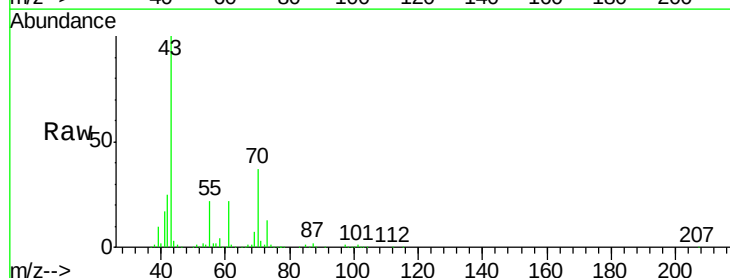
Ion Ratio Lower Upper

43 100

70 36.1 29.6 44.4

55 22.3 17.7 26.5

61 21.7 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

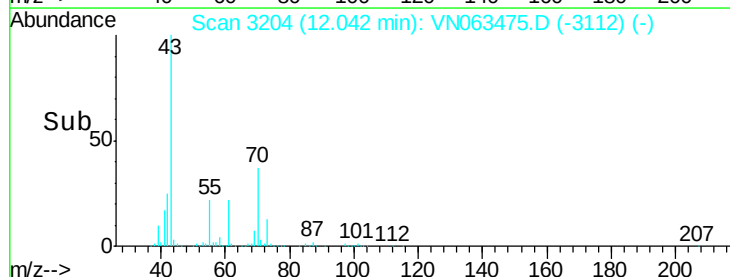
200000

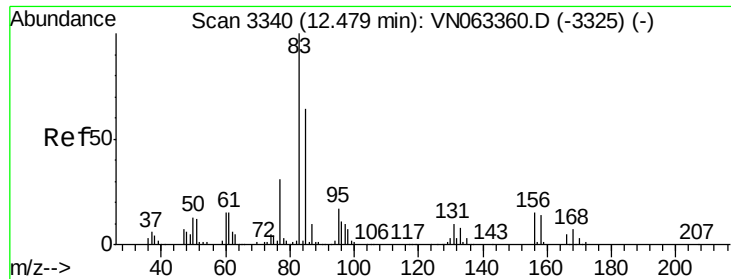
100000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.928 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

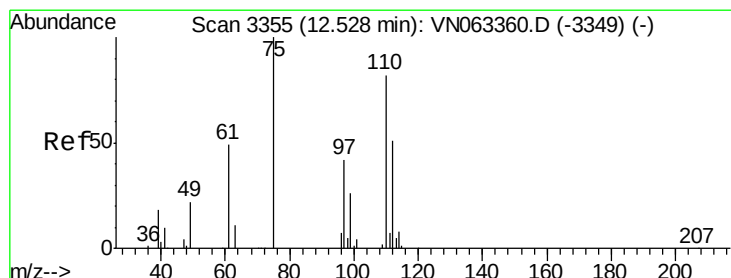
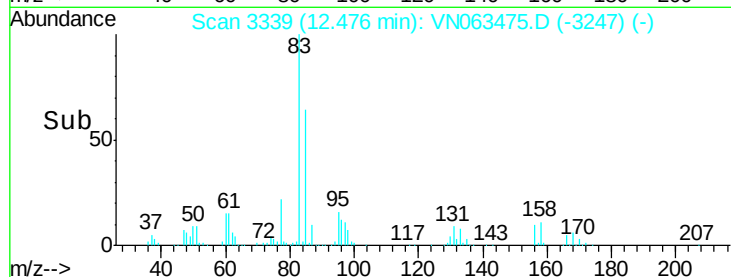
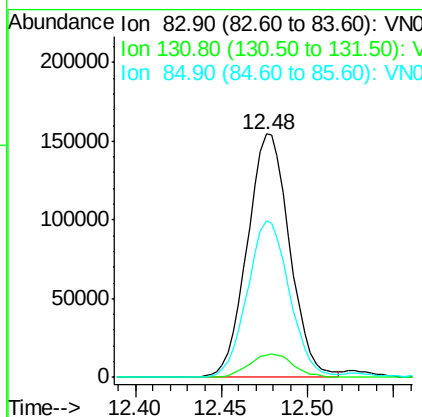
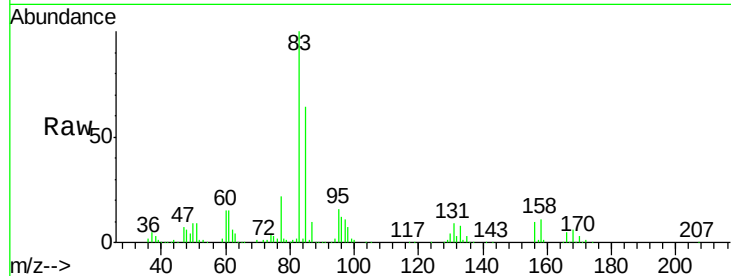
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	264077
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	64.2	32.0	96.0

Manual Integrations
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9/22/2020 2:06:59 PM



#76

1,2,3-Trichloropropane

Concen: 43.551 ug/l m

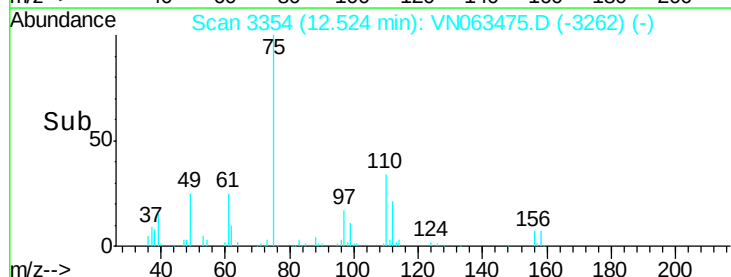
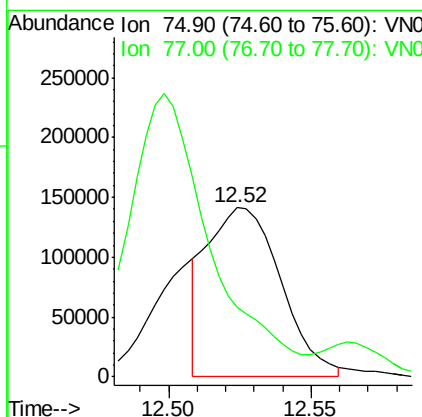
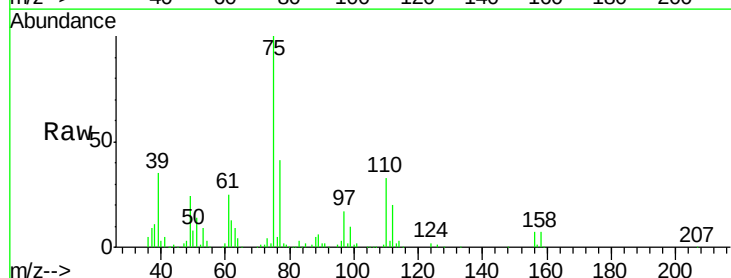
RT: 12.52 min Scan# 3354

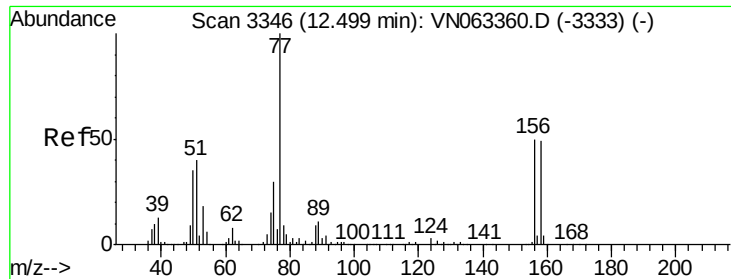
Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion:	75	Resp:	255359
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.768 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:156 Resp: 203978

Ion Ratio Lower Upper

156 100

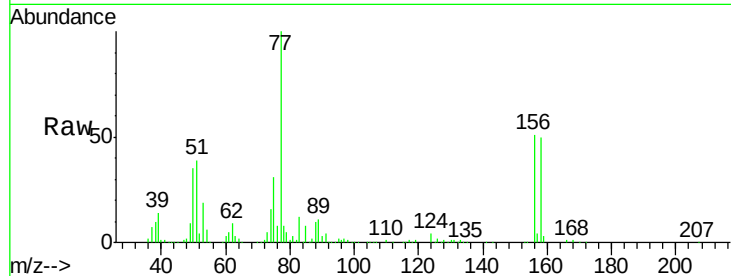
77 234.4 120.2 360.6

158 97.6 48.9 146.6

Manual Integrations
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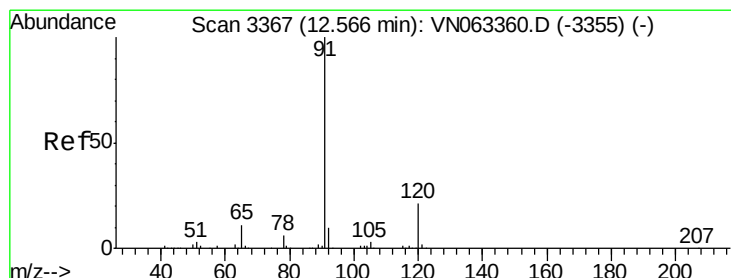
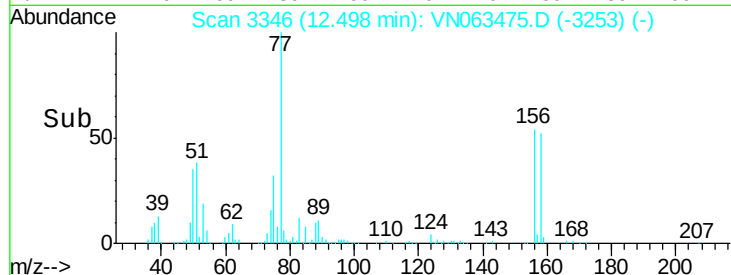
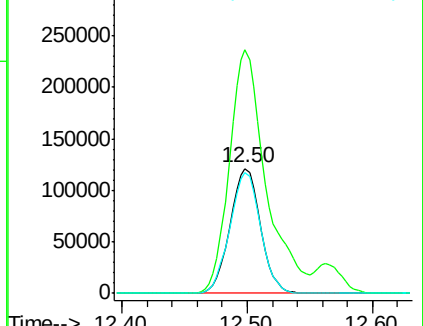
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.155 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN063475.D

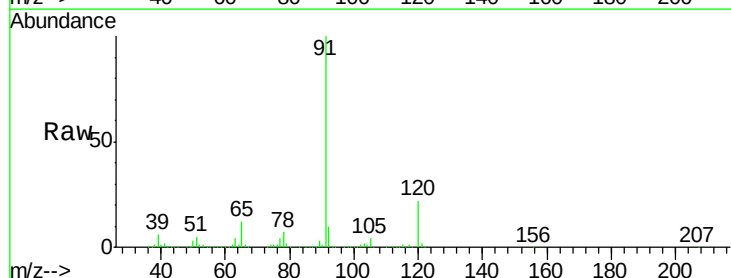
Acq: 21 Sep 2020 10:30

Tgt Ion: 91 Resp: 1064715

Ion Ratio Lower Upper

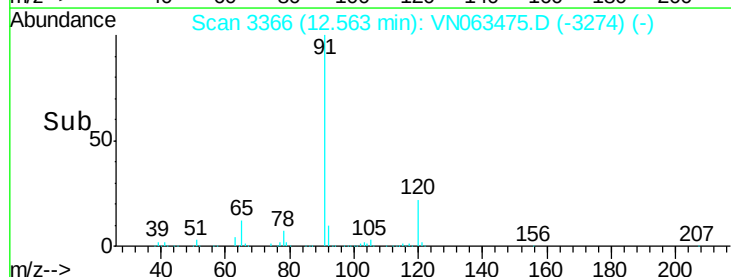
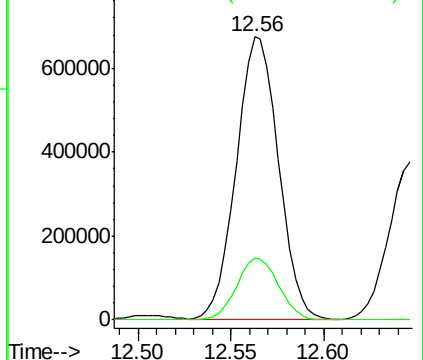
91 100

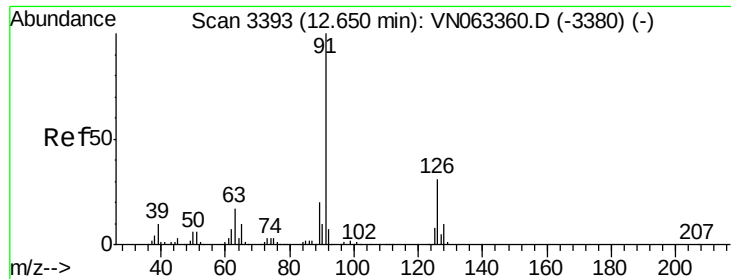
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.233 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 626023

Ion Ratio Lower Upper

91 100

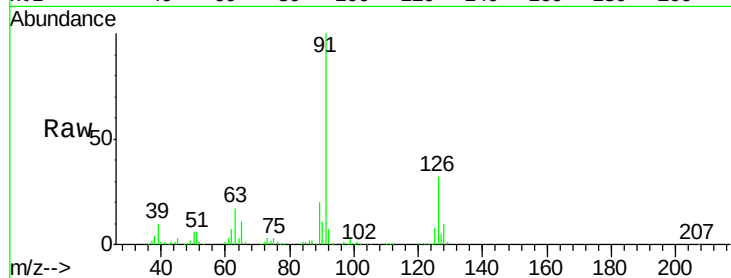
126 32.2 15.8 47.3

Manual Integrations

APPROVED

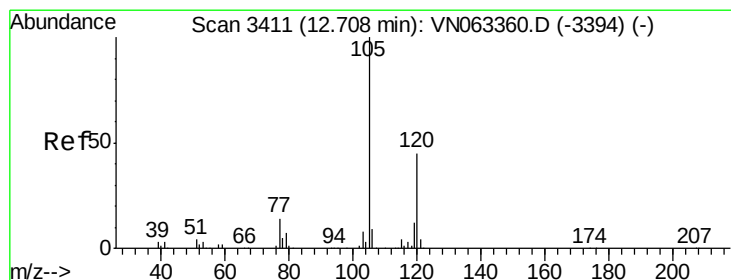
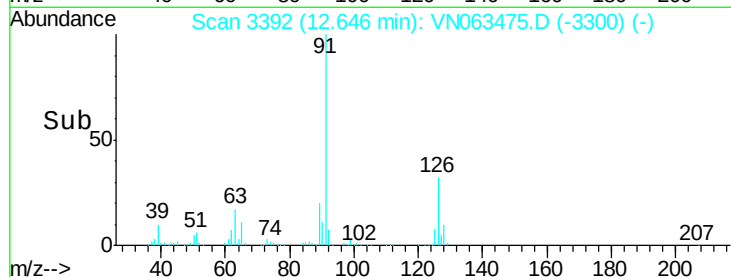
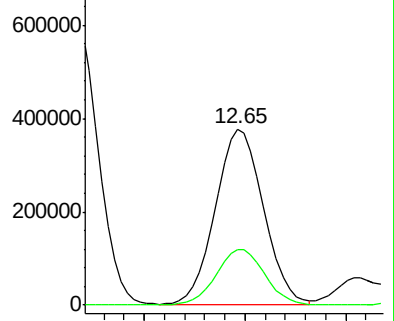
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Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 49.160 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063475.D

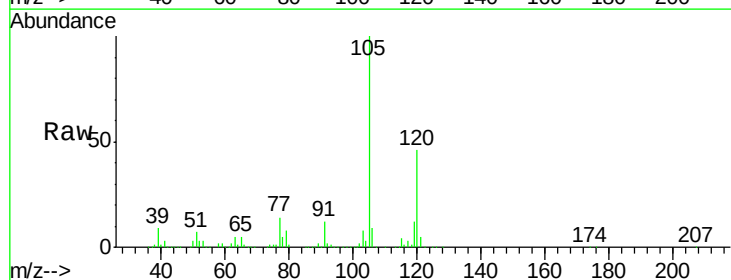
Acq: 21 Sep 2020 10:30

Tgt Ion: 105 Resp: 778191

Ion Ratio Lower Upper

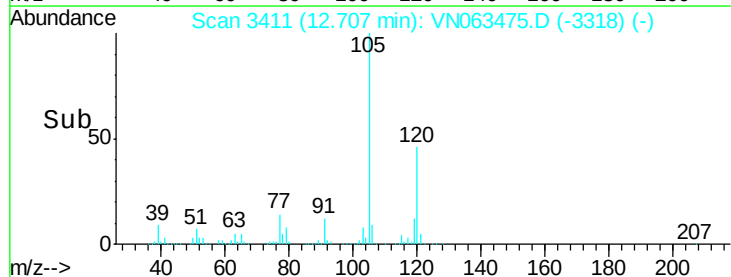
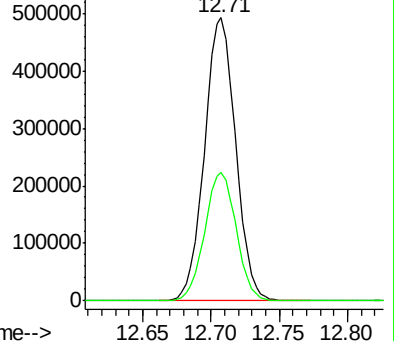
105 100

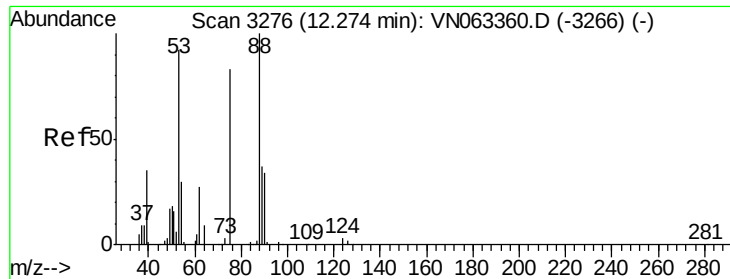
120 46.0 22.9 68.8



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

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





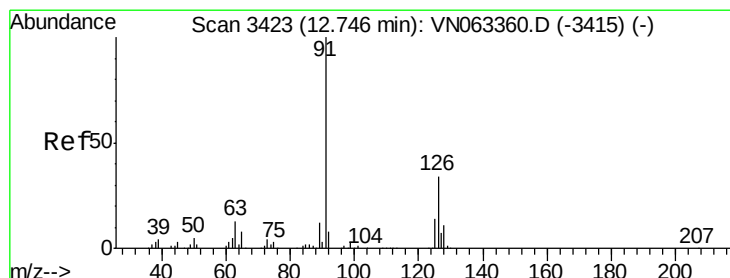
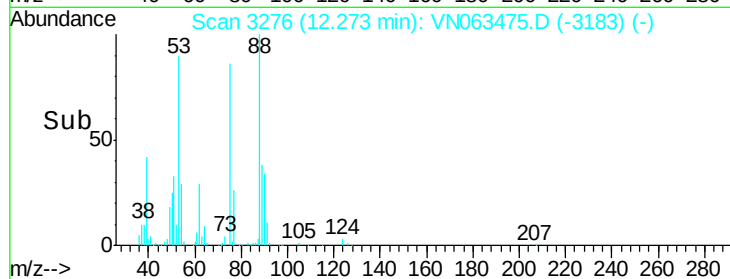
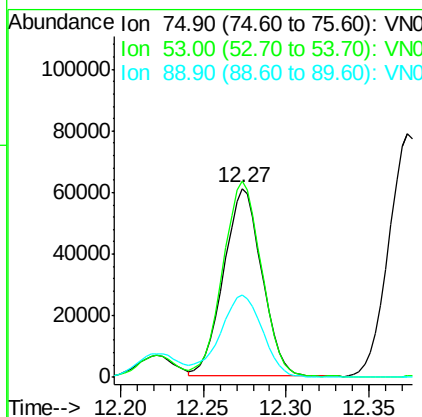
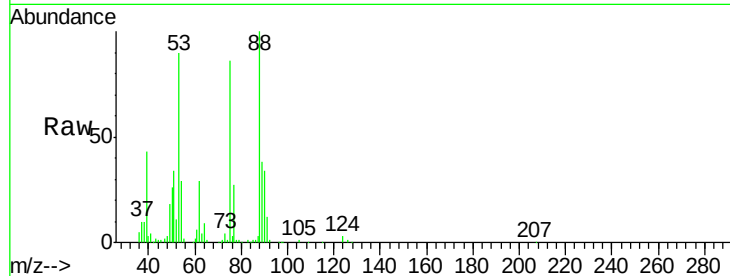
#81
trans-1,4-Dichloro-2-butene
Concen: 45.860 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.8	85.7	128.5
89	49.3	38.0	57.0

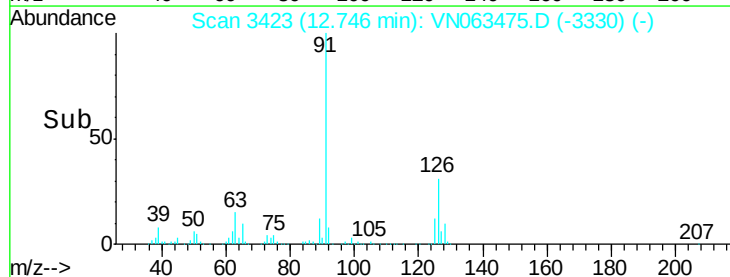
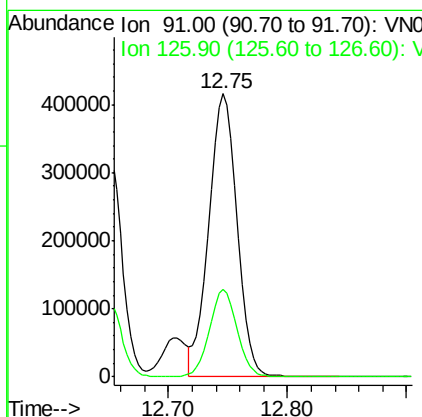
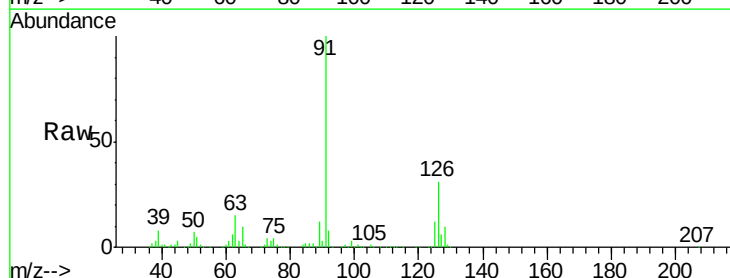
Manual Integrations
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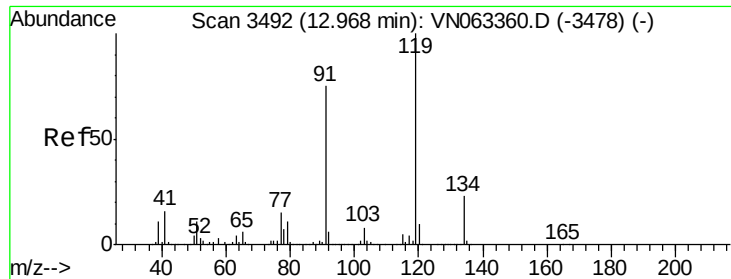
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.713 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.5	46.5





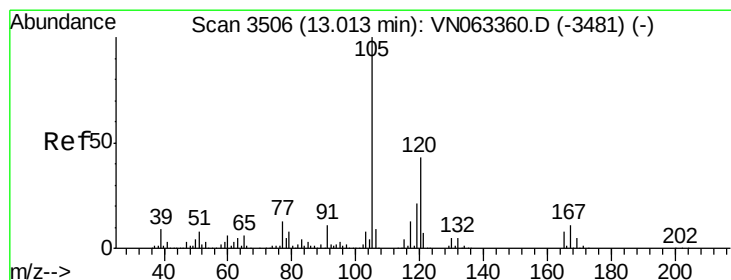
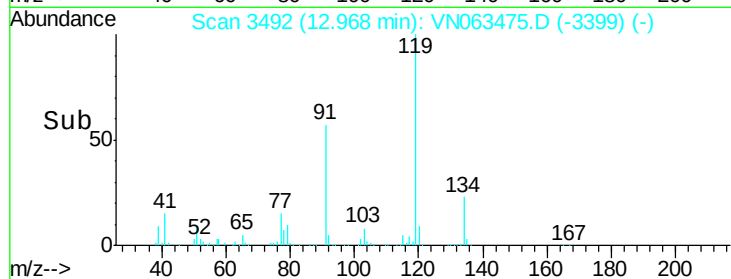
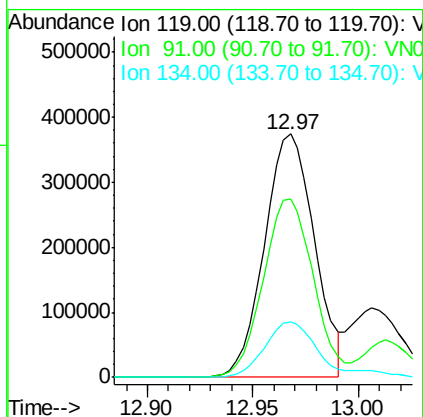
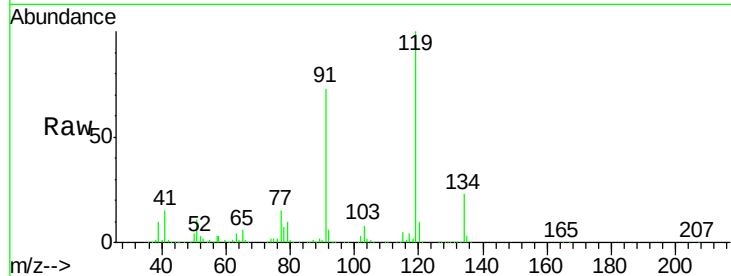
#83
 tert-Butylbenzene
 Concen: 47.315 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	618170		
91	73.6	36.3	108.9	
134	23.2	12.3	36.8	

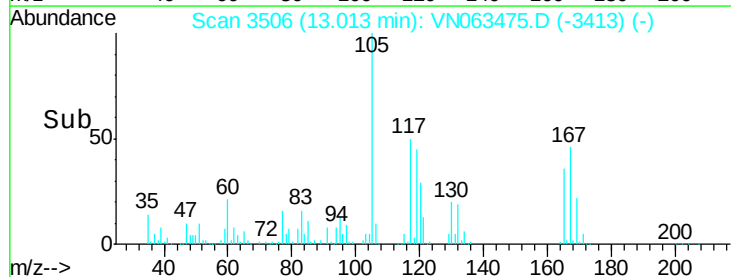
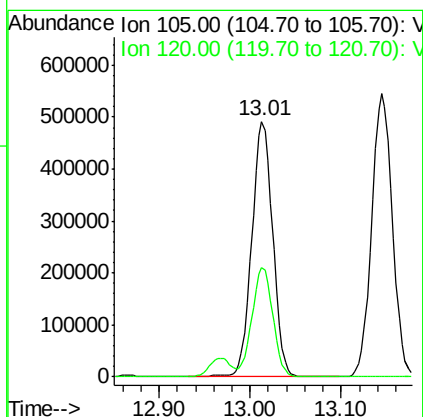
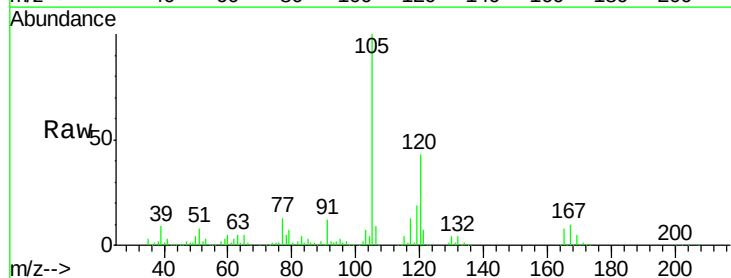
Manual Integrations
 APPROVED

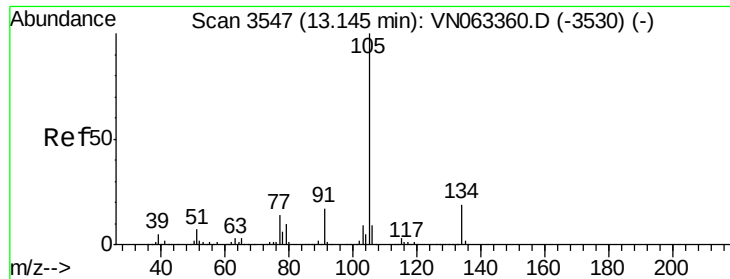
MMDadoda
 9/22/2020 2:06:59 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.218 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	786959		
120	42.7	21.3	63.9	





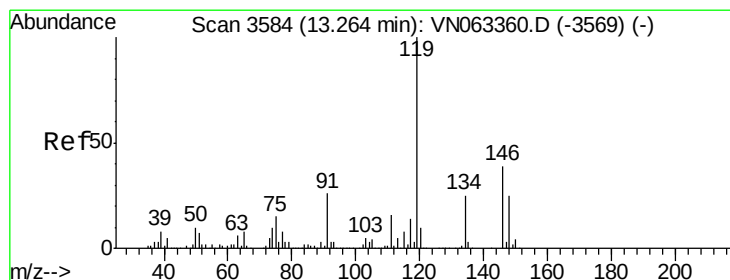
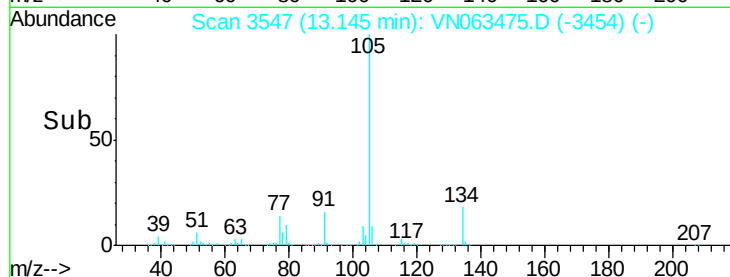
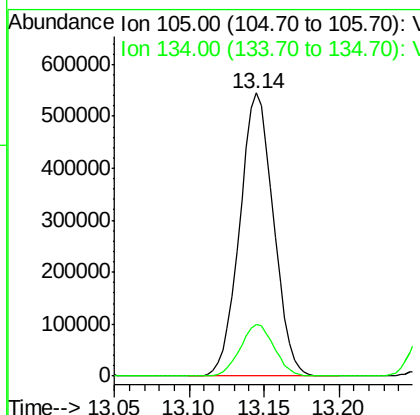
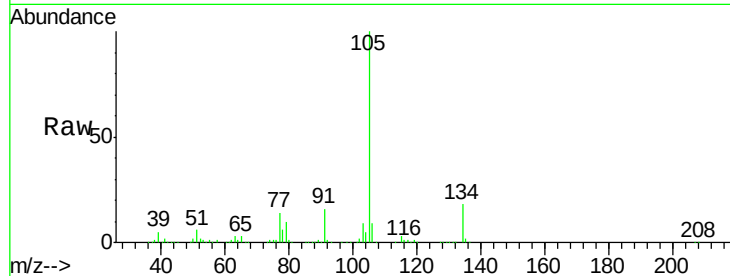
#85
 sec-Butylbenzene
 Concen: 48.902 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.3	27.7

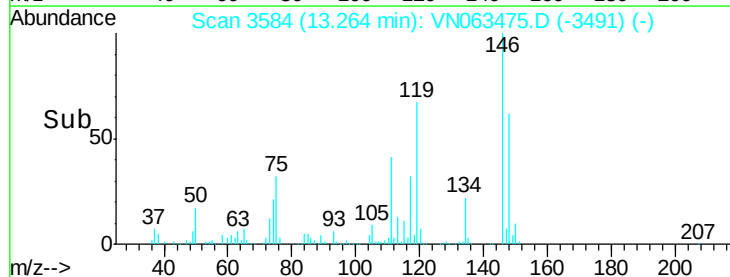
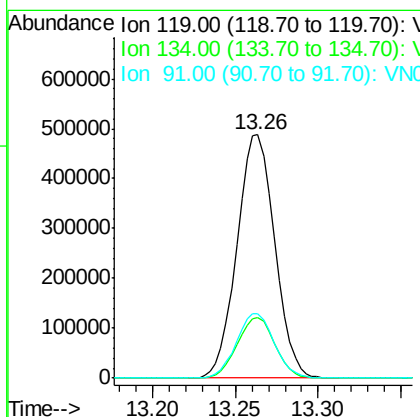
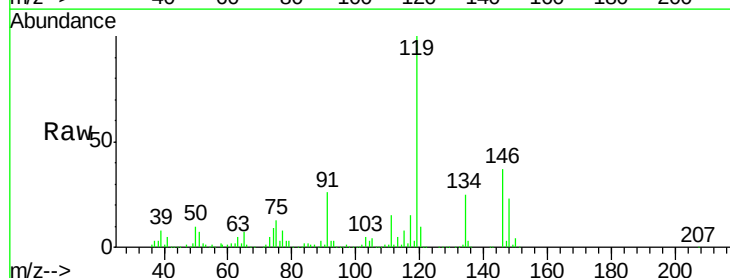
Manual Integrations
 APPROVED

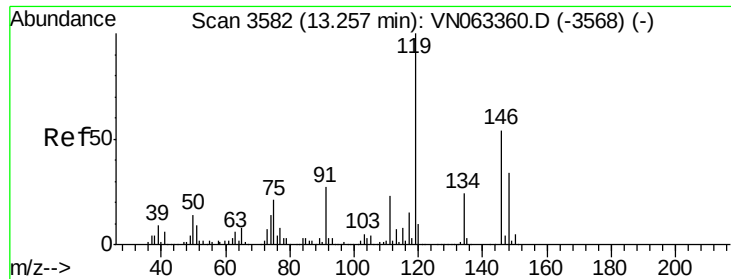
MMDadoda
 9/22/2020 2:06:59 PM



#86
 p-Isopropyltoluene
 Concen: 49.974 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.5	37.5
91	26.3	13.4	40.1





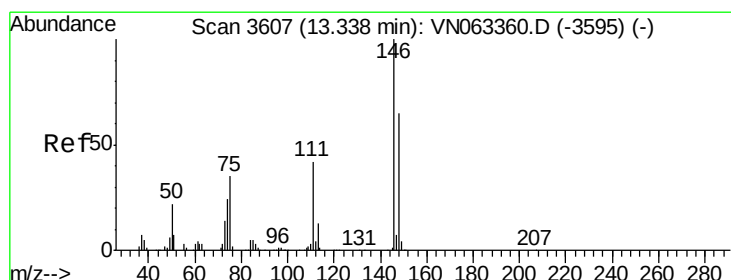
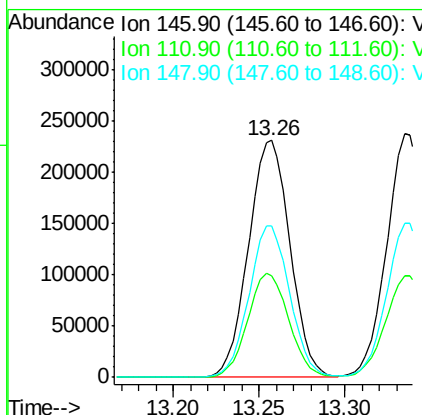
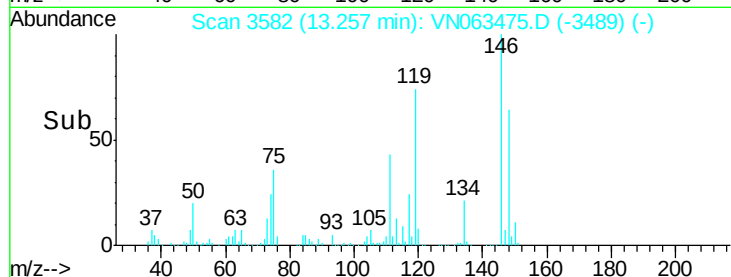
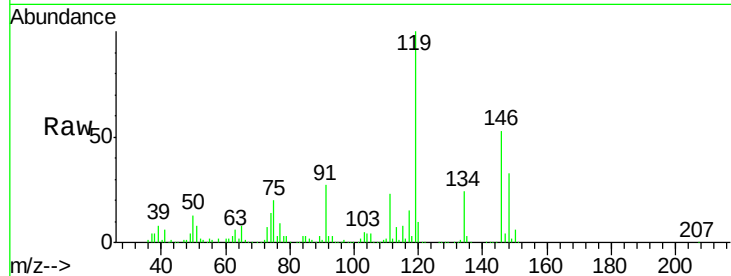
#87
 1,3-Dichlorobenzene
 Concen: 48.827 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.4	64.3
148	62.7	31.9	95.7

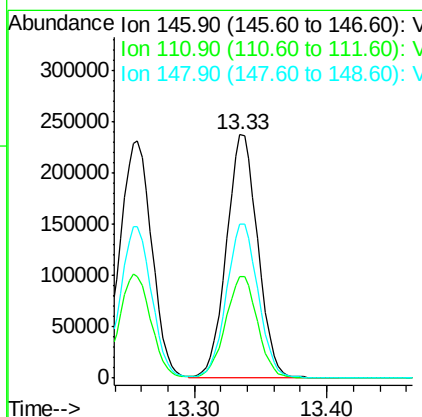
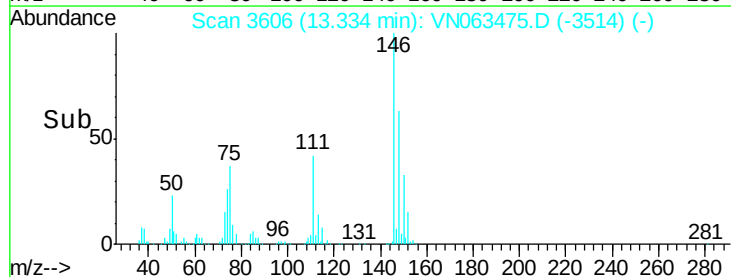
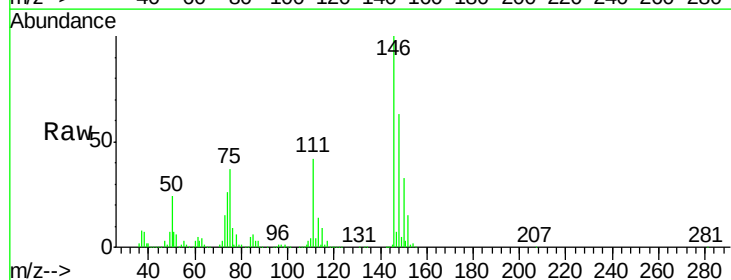
Manual Integrations
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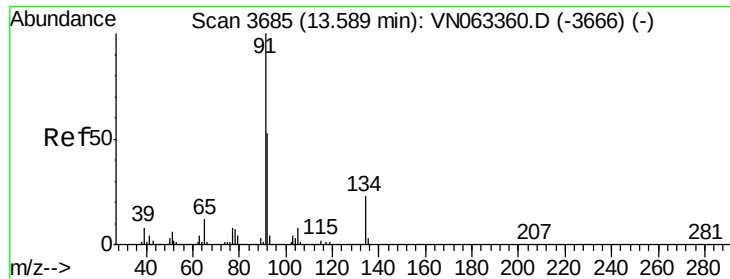
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 9/22/2020 2:06:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.201 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.2	63.6
148	64.3	31.9	95.9





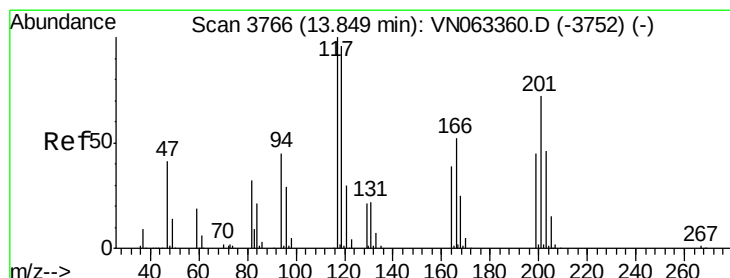
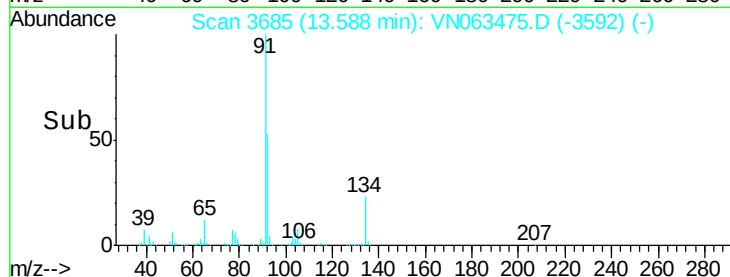
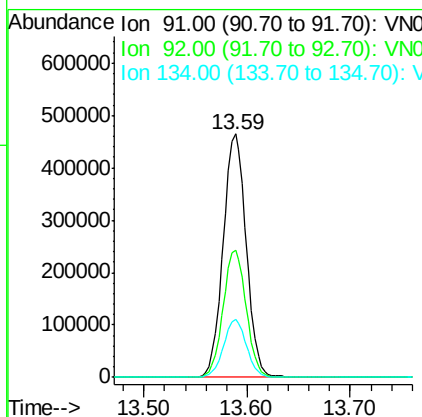
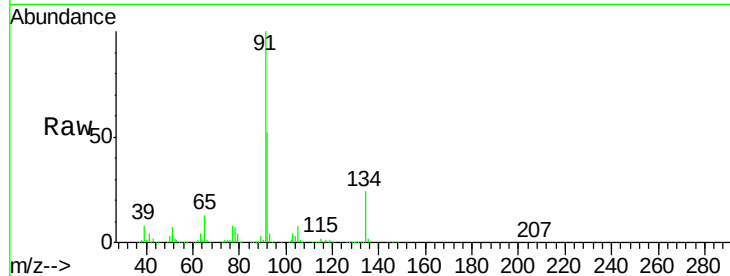
#89
n-Butylbenzene
Concen: 51.087 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	23.5	11.7	35.0

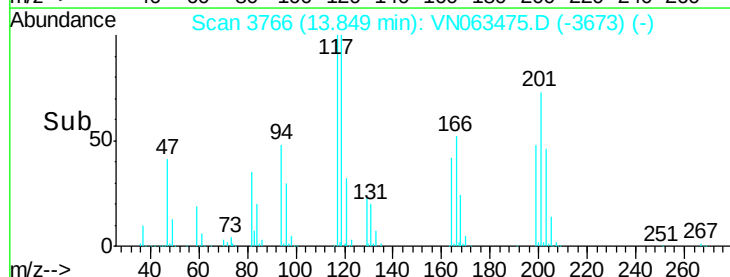
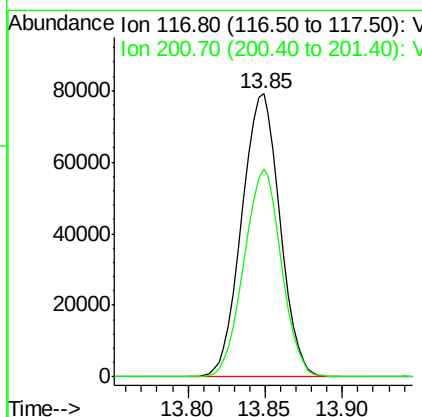
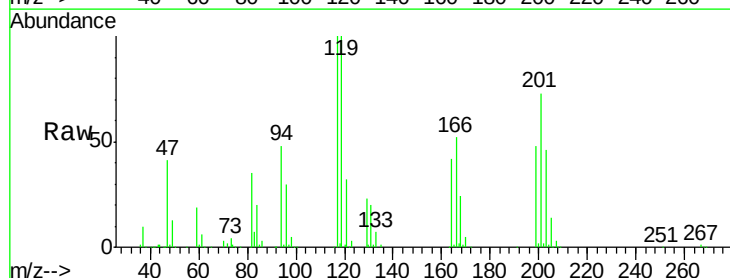
Manual Integrations
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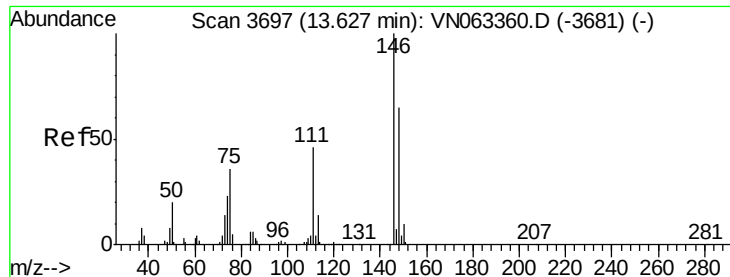
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9/22/2020 2:06:59 PM



#90
Hexachloroethane
Concen: 46.364 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.7	35.5	106.7





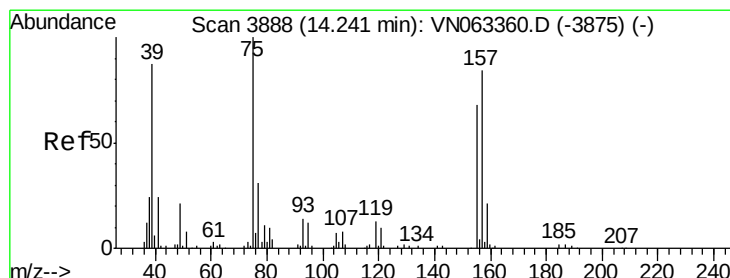
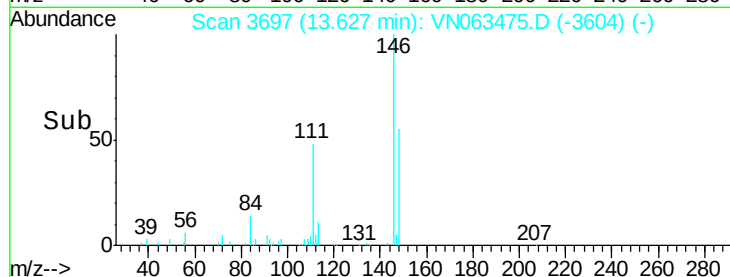
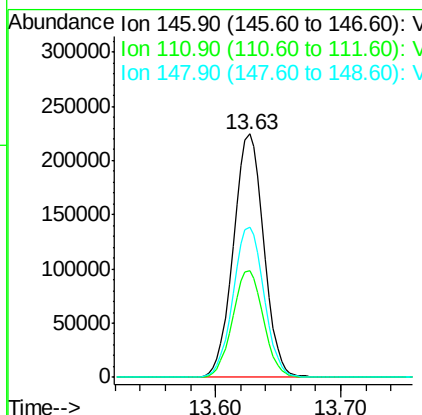
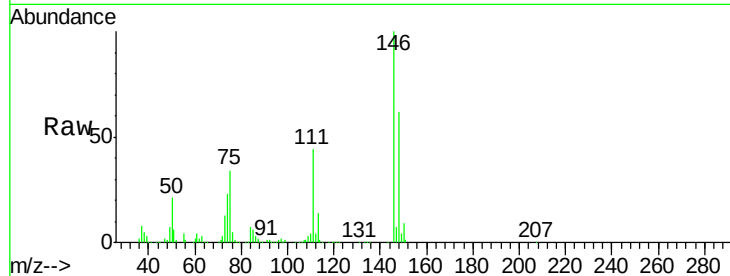
#91
 1,2-Dichlorobenzene
 Concen: 48.612 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.4	67.2
148	63.3	32.0	96.0

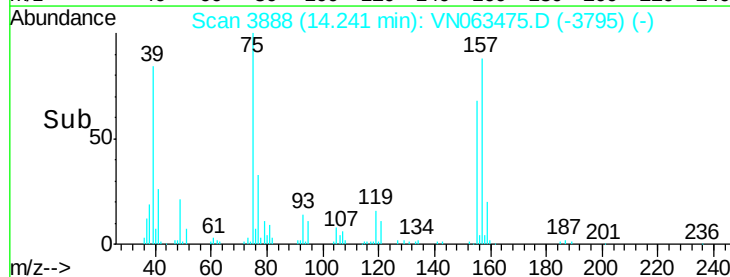
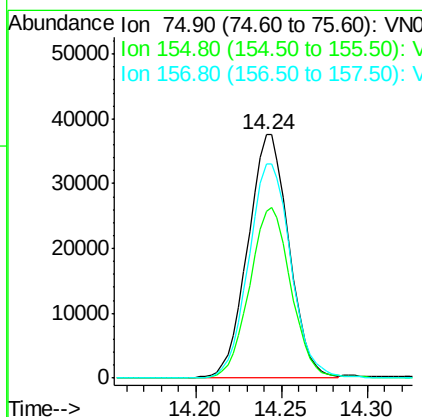
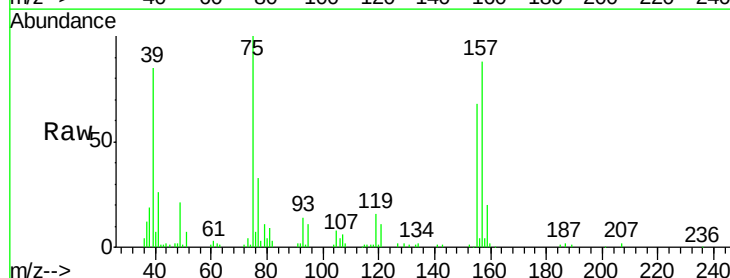
Manual Integrations
 APPROVED

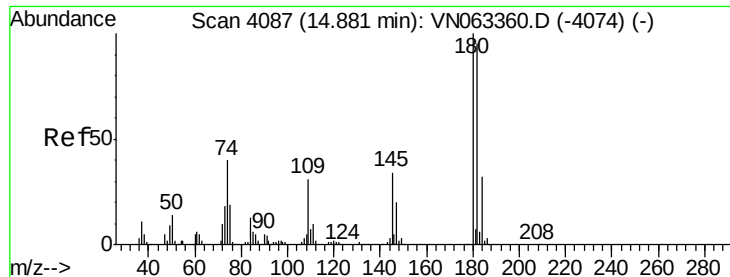
MMDadoda
 9/22/2020 2:06:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.598 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.6	34.6	103.9
157	90.3	43.7	131.1





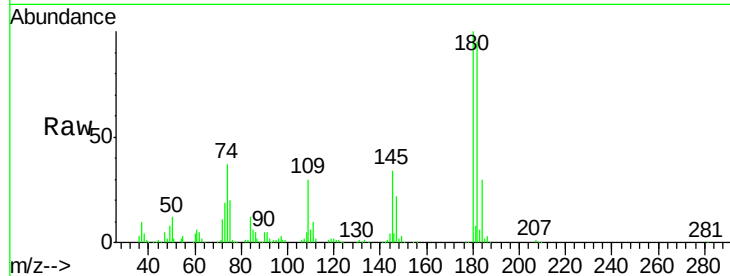
#93
 1,2,4-Trichlorobenzene
 Concen: 50.709 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

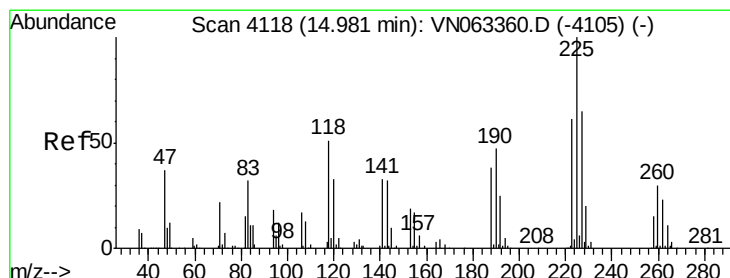
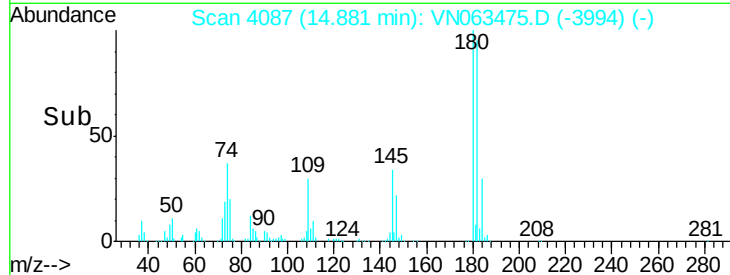
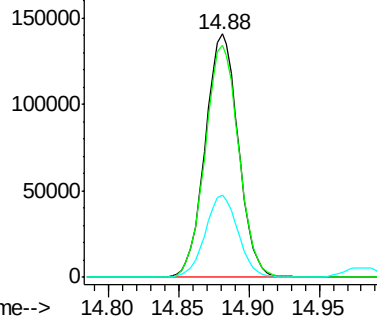
Tot Ion:	180	Resp:	232294
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.3	142.0
145	33.5	16.6	49.7

Manual Integrations
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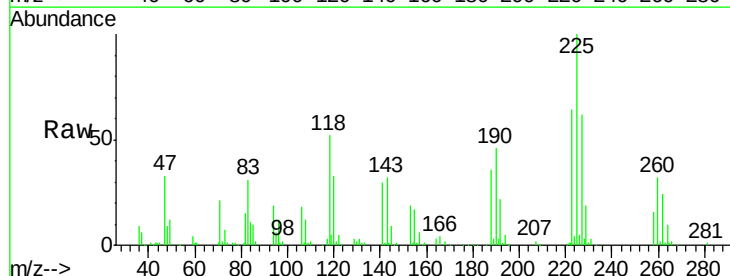


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

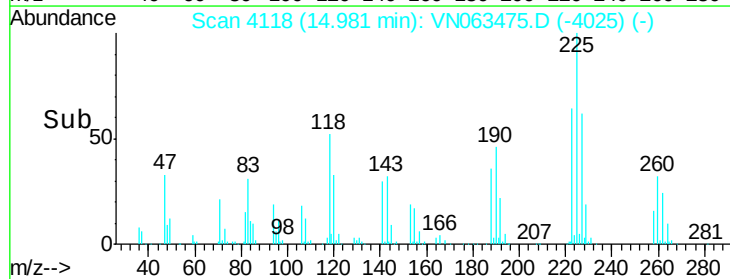
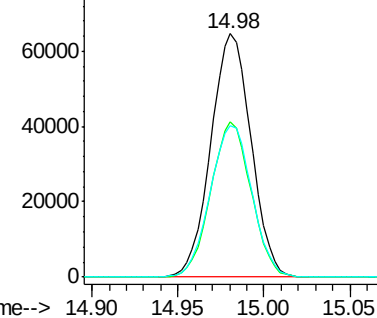


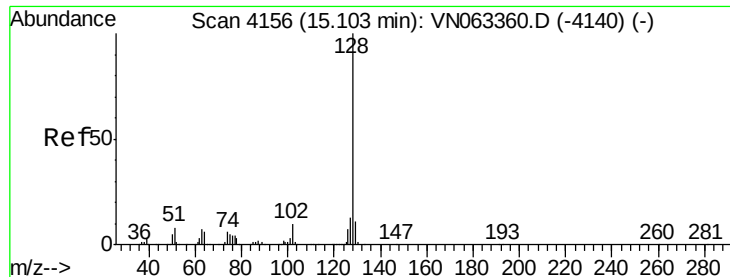
#94
 Hexachlorobutadiene
 Concen: 55.386 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion:	225	Resp:	105038
Ion Ratio	Lower	Upper	
225	100		
223	63.6	30.6	91.6
227	64.4	31.2	93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





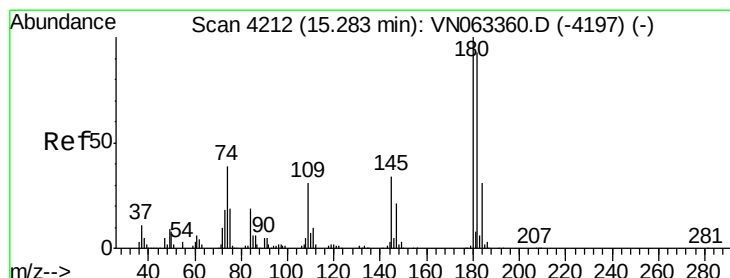
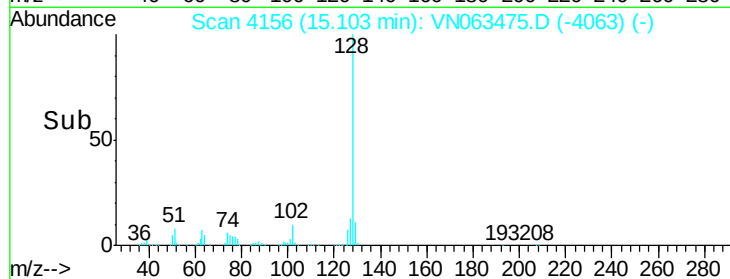
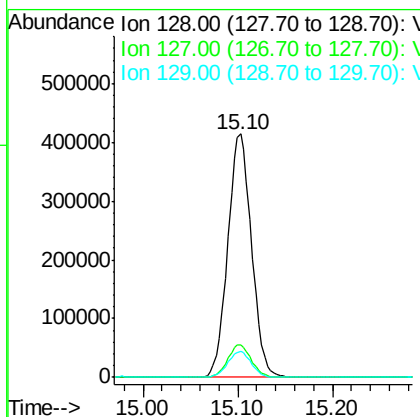
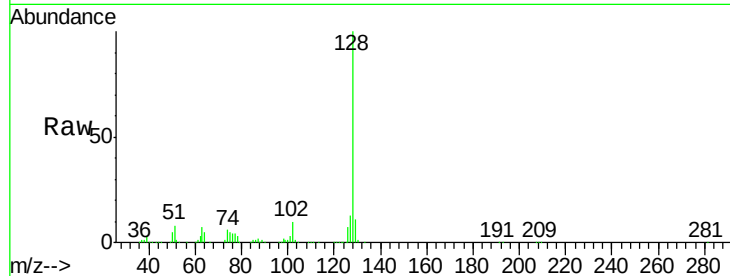
#95
Naphthalene
Concen: 47.662 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.647 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.7	140.1
145	34.2	16.8	50.3

