

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064077.D
 Acq On : 12 Oct 2020 14:44
 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
 10/13/2020 4:09:44 PM

Quant Time: Oct 13 01:33:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	270853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	406781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197224	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
35) Dibromofluoromethane	7.55	113	140178	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
50) Toluene-d8	10.06	98	530586	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	12.38	95	194739	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	115178	40.301	ug/l	99
3) Chloromethane	2.04	50	148662	44.332	ug/l	97
4) Vinyl Chloride	2.16	62	142581	42.357	ug/l	99
5) Bromomethane	2.52	94	91756	43.336	ug/l	99
6) Chloroethane	2.67	64	94066	46.766	ug/l	99
7) Trichlorofluoromethane	2.98	101	233174	43.677	ug/l	98
8) Diethyl Ether	3.37	74	87262	48.331	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	132153	46.314	ug/l	98
10) Methyl Iodide	3.91	142	154038	46.493	ug/l	98
11) Tert butyl alcohol	4.73	59	148027	299.638	ug/l	100
12) 1,1-Dichloroethene	3.69	96	121617	44.590	ug/l	99
13) Acrolein	3.57	56	72136	237.914	ug/l	98
14) Allyl chloride	4.27	41	267701	52.832	ug/l	87
15) Acrylonitrile	4.93	53	402680	284.761	ug/l	100
16) Acetone	3.77	43	390303	283.352	ug/l	99
17) Carbon Disulfide	4.01	76	321197	43.661	ug/l	100
18) Methyl Acetate	4.28	43	217009	60.678	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	490721	49.523	ug/l	99
20) Methylene Chloride	4.50	84	155333	49.235	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	136615	44.719	ug/l	93
22) Diisopropyl ether	5.90	45	564757	54.173	ug/l	96
23) Vinyl Acetate	5.84	43	2298861	266.202	ug/l	99
24) 1,1-Dichloroethane	5.80	63	293336	49.211	ug/l	99
25) 2-Butanone	6.78	43	583259	298.665	ug/l	97
26) 2,2-Dichloropropane	6.77	77	249588	45.723	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	166708	47.447	ug/l	99
28) Bromochloromethane	7.15	49	152741	51.845	ug/l	96
29) Tetrahydrofuran	7.16	42	386249	294.894	ug/l	96
30) Chloroform	7.32	83	302889	48.734	ug/l	95
31) Cyclohexane	7.61	56	234661	45.172	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	263479	47.000	ug/l	99
36) 1,1-Dichloropropene	7.75	75	215504	49.519	ug/l	99
37) Ethyl Acetate	6.88	43	242252	56.029	ug/l	98
38) Carbon Tetrachloride	7.73	117	224354	45.974	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	200044	46.094	ug/l	99
40) Benzene	8.00	78	633963	51.002	ug/l	98
41) Methacrylonitrile	7.12	41	103474	53.847	ug/l	91
42) 1,2-Dichloroethane	8.08	62	248555	46.844	ug/l	99
43) Isopropyl Acetate	8.13	43	397042	55.673	ug/l	99
44) Trichloroethene	8.80	130	155761	47.825	ug/l	100
45) 1,2-Dichloropropane	9.08	63	179299	53.411	ug/l	99
46) Dibromomethane	9.17	93	113701	49.098	ug/l	98
47) Bromodichloromethane	9.37	83	244336	51.194	ug/l	97
48) Methyl methacrylate	9.16	41	203535	57.765	ug/l	89
49) 1,4-Dioxane	9.16	88	59836	1194.879	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1253093	299.409	ug/l	100
52) Toluene	10.12	92	394111	51.260	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	266070	52.006	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	281140	52.544	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	160843	52.165	ug/l	98
56) Ethyl methacrylate	10.40	69	243962	55.820	ug/l	94
57) 1,3-Dichloropropane	10.68	76	272527	52.243	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	664139	284.083	ug/l	99
59) 2-Hexanone	10.72	43	920485	296.067	ug/l	100
60) Dibromochloromethane	10.87	129	181103	50.435	ug/l	100
61) 1,2-Dibromoethane	10.98	107	162432	51.500	ug/l	99
64) Tetrachloroethene	10.60	164	139524	44.334	ug/l	98
65) Chlorobenzene	11.41	112	413844	49.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	162586	50.824	ug/l	97
67) Ethyl Benzene	11.48	91	769420	50.674	ug/l	99
68) m/p-Xylenes	11.59	106	563692	99.611	ug/l	98
69) o-Xylene	11.92	106	271477	51.327	ug/l	98
70) Styrene	11.94	104	469414	52.283	ug/l	99
71) Bromoform	12.10	173	125717	51.384	ug/l #	97
73) Isopropylbenzene	12.22	105	728909	51.405	ug/l	100
74) N-amyl acetate	12.04	43	346305	52.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	235332	54.273	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	219131m	51.133	ug/l	
77) Bromobenzene	12.50	156	177994	51.157	ug/l	97
78) n-propylbenzene	12.57	91	845085	51.209	ug/l	100
79) 2-Chlorotoluene	12.65	91	516922	50.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	619160	52.047	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	84269	56.635	ug/l	95
82) 4-Chlorotoluene	12.75	91	548101	52.021	ug/l	100
83) tert-Butylbenzene	12.97	119	492754	50.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	617234	51.968	ug/l	97
85) sec-Butylbenzene	13.15	105	651903	51.006	ug/l	99
86) p-Isopropyltoluene	13.26	119	583853	51.638	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	316934	50.350	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	316926	48.356	ug/l	99
89) n-Butylbenzene	13.59	91	497467	47.670	ug/l	100
90) Hexachloroethane	13.85	117	109188	49.836	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	310579	49.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50181	49.348	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	140411	41.715	ug/l	98
94) Hexachlorobutadiene	14.98	225	86056	50.906	ug/l	96
95) Naphthalene	15.10	128	412443	39.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	143428	43.820	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 270853

Ion Ratio Lower Upper

168 100

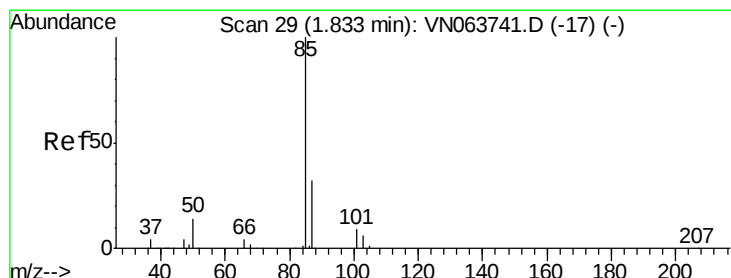
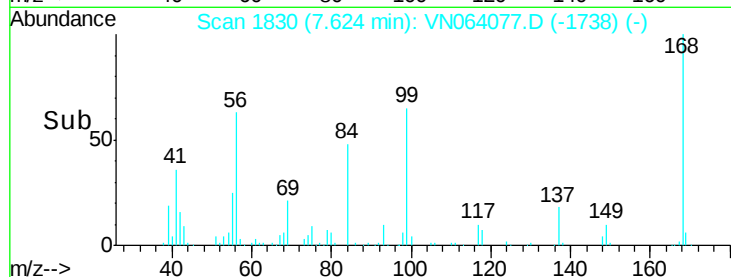
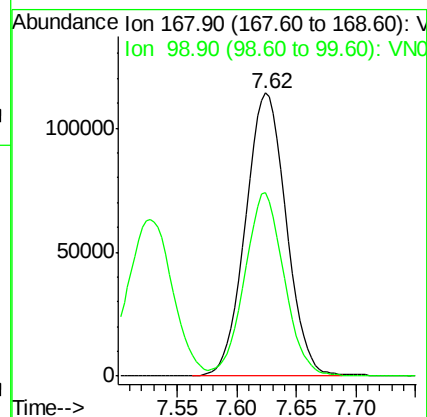
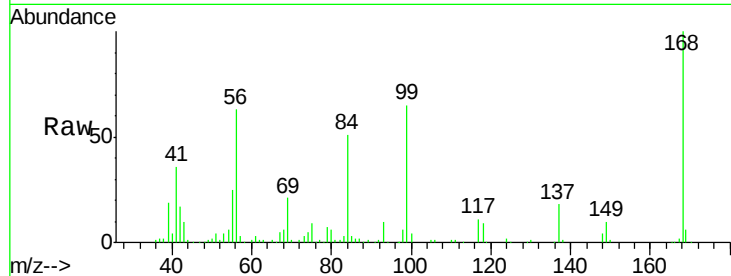
99 64.2 51.8 77.6

Manual Integrations

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10/13/2020 4:09:44 PM



#2

Dichlorodifluoromethane

Concen: 40.301 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064077.D

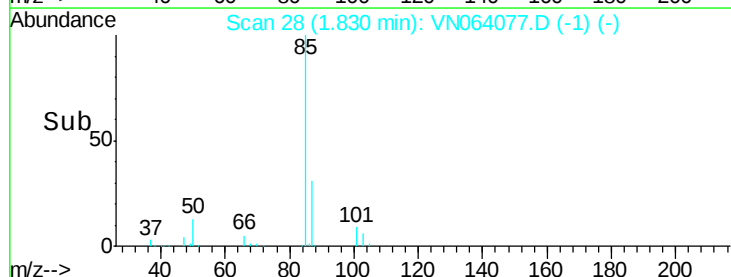
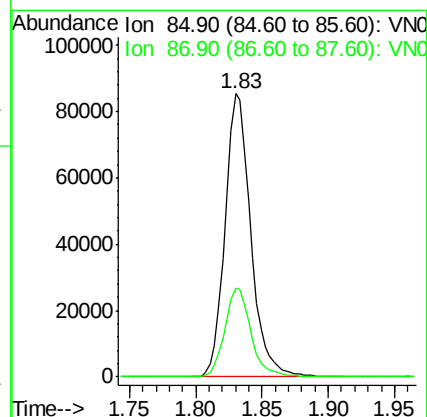
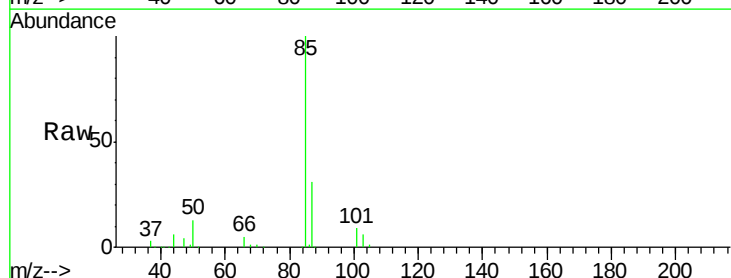
Acq: 12 Oct 2020 14:44

Tgt Ion: 85 Resp: 115178

Ion Ratio Lower Upper

85 100

87 31.2 16.0 48.0





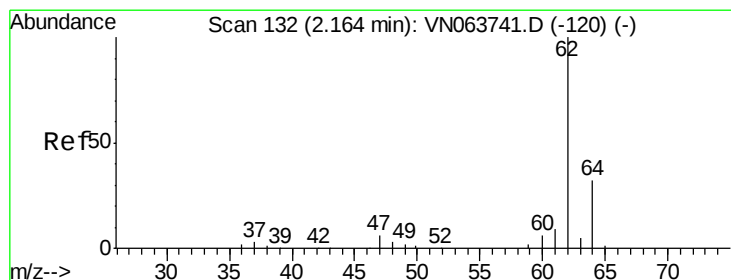
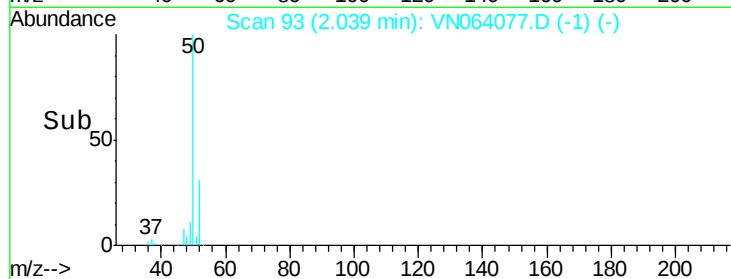
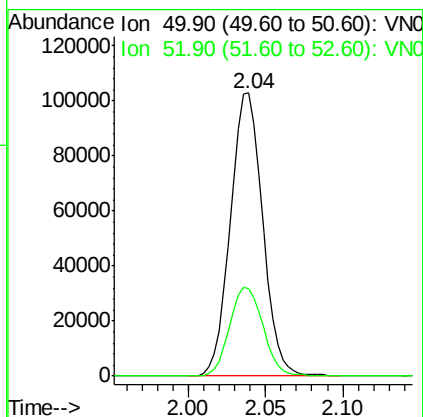
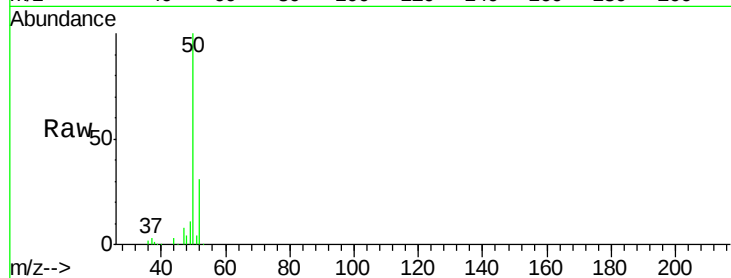
#3
Chloromethane
Concen: 44.332 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 50 Resp: 148662
Ion Ratio Lower Upper
50 100
52 30.9 25.8 38.8

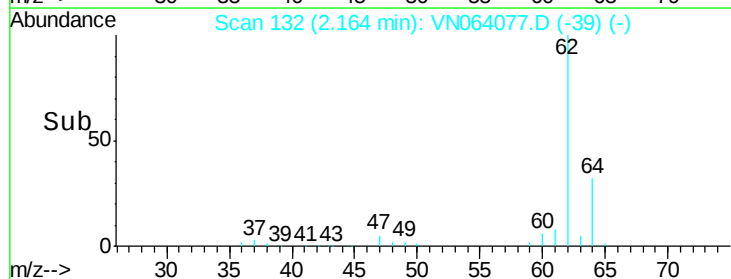
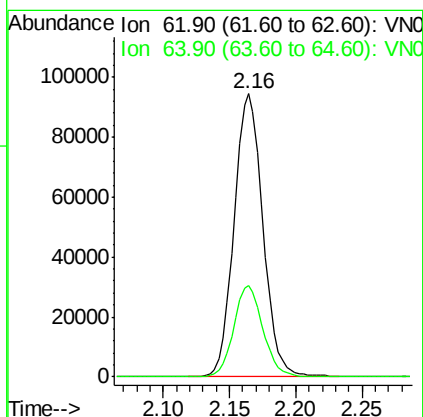
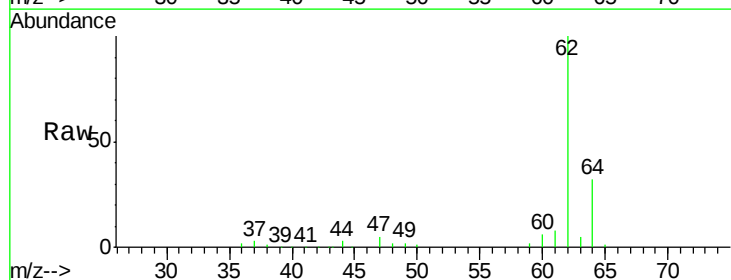
Manual Integrations
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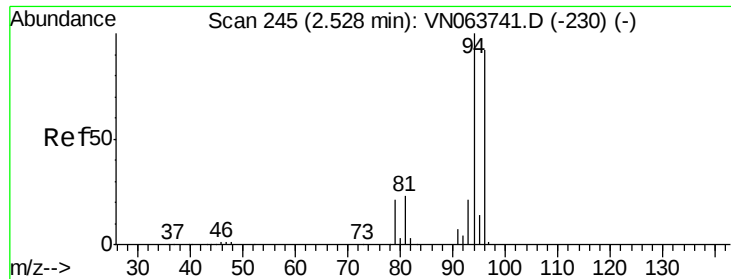
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#4
Vinyl Chloride
Concen: 42.357 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 62 Resp: 142581
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4





#5

Bromomethane

Concen: 43.336 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 91756

Ion Ratio Lower Upper

94 100

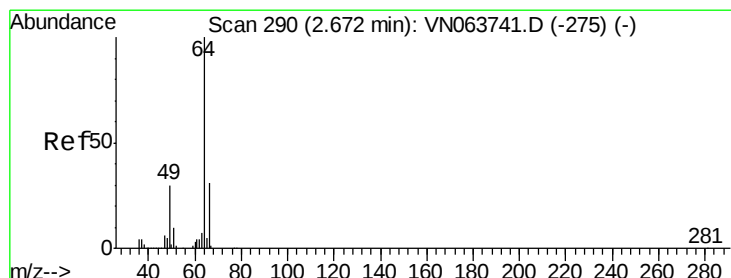
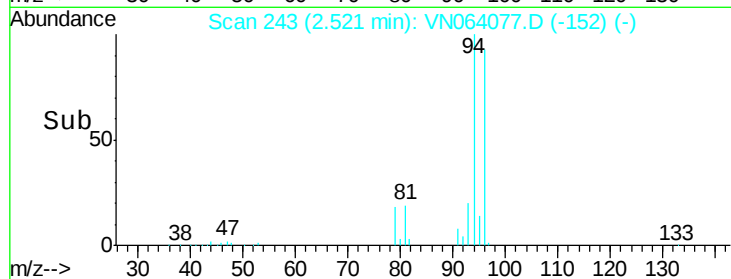
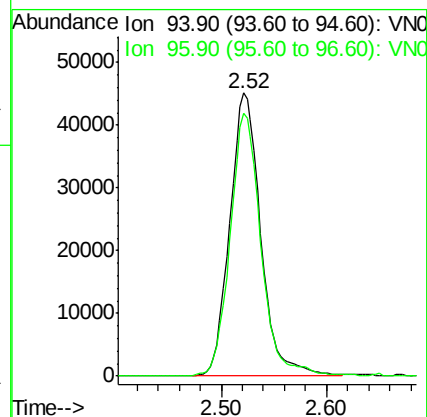
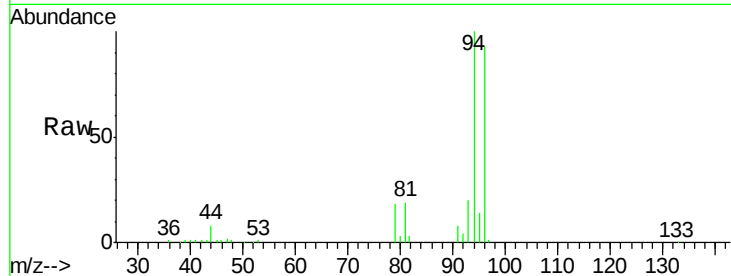
96 93.0 73.3 109.9

Manual Integrations

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10/13/2020 4:09:44 PM



#6

Chloroethane

Concen: 46.766 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064077.D

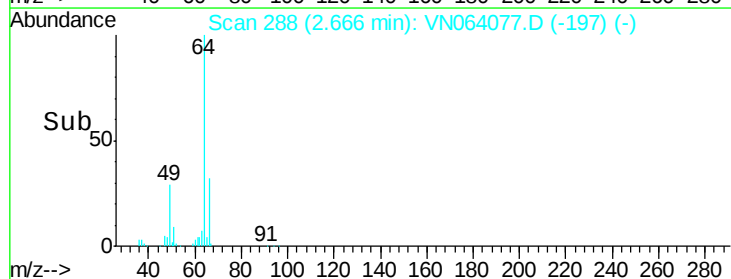
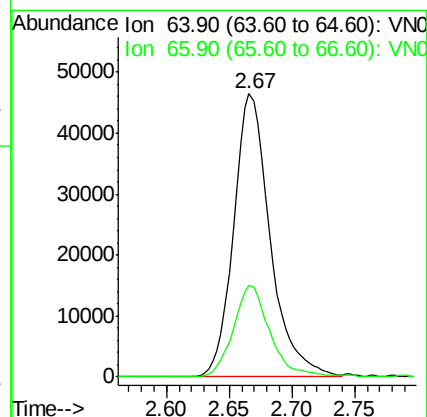
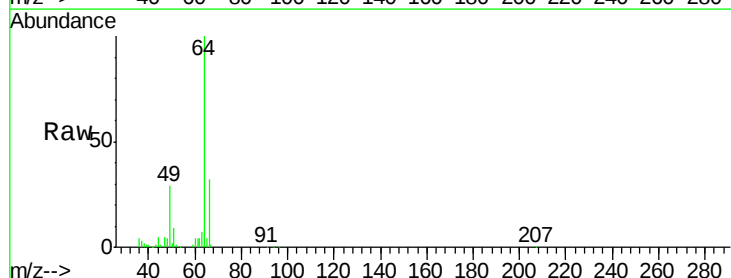
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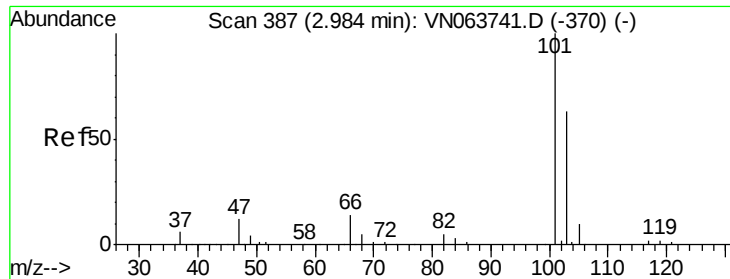
Tgt Ion: 64 Resp: 94066

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7





#7

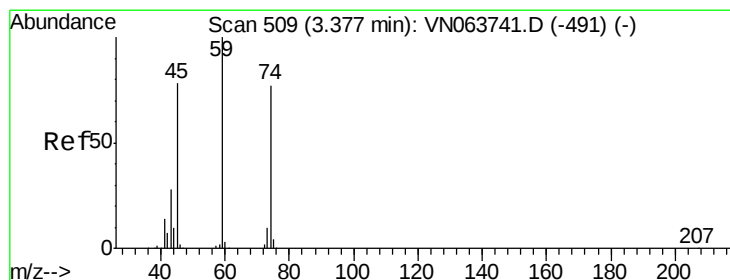
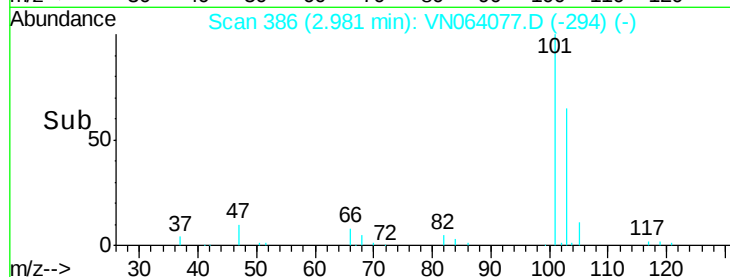
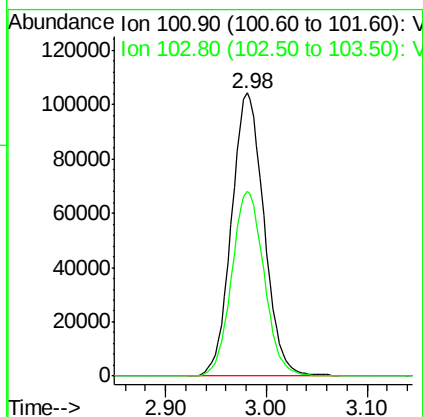
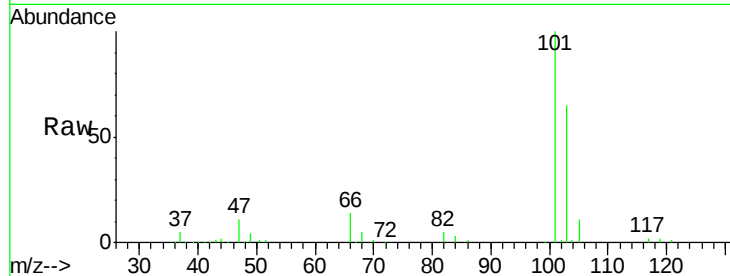
Trichlorofluoromethane
Concen: 43.677 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

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VSTDCCC050

Tot Ion:101 Resp: 233174
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

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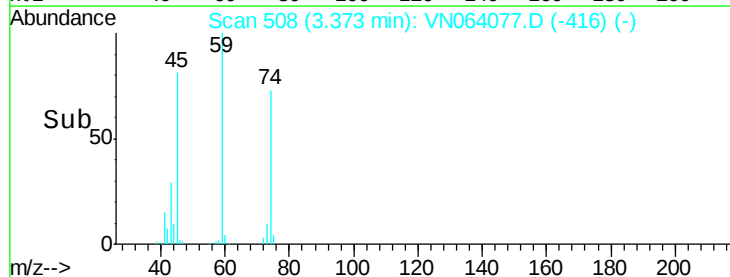
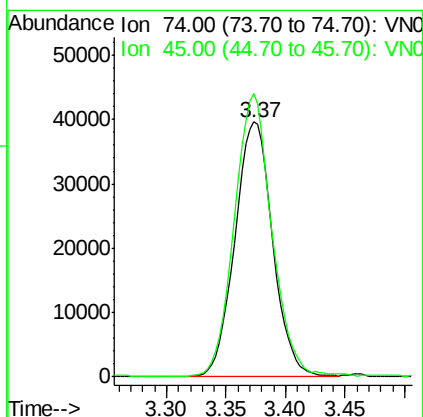
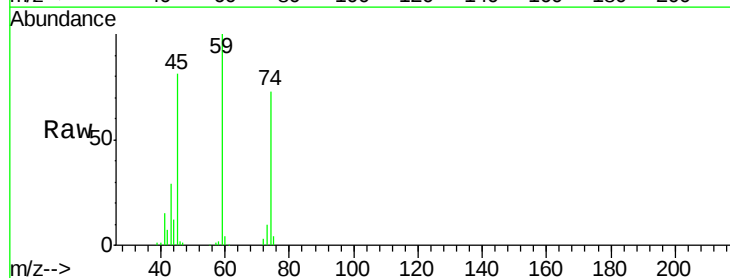
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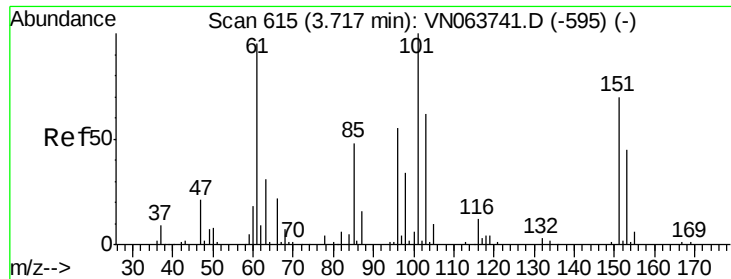


#8

Diethyl Ether
Concen: 48.331 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 74 Resp: 87262
Ion Ratio Lower Upper
74 100
45 110.7 50.9 152.8





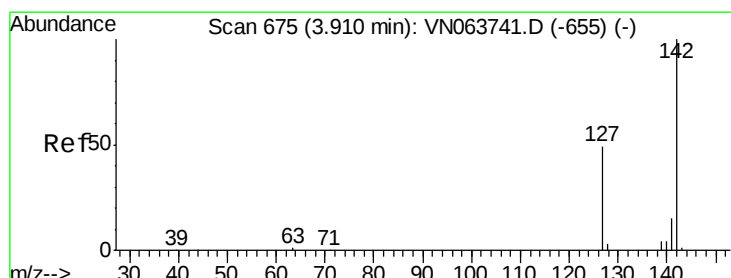
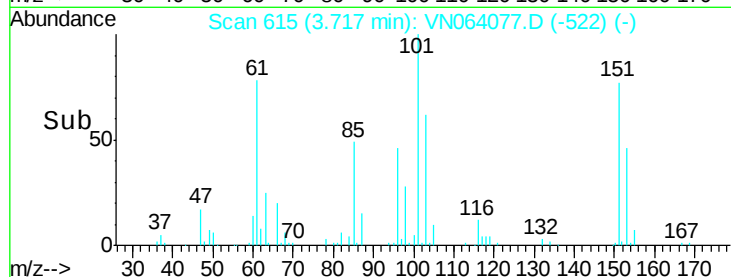
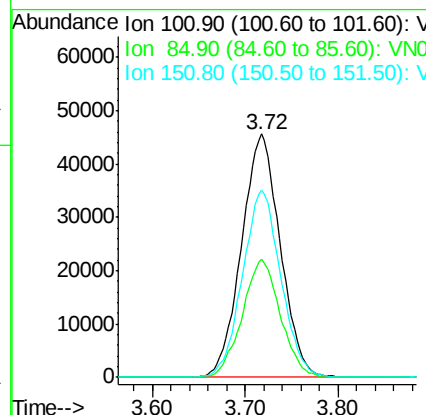
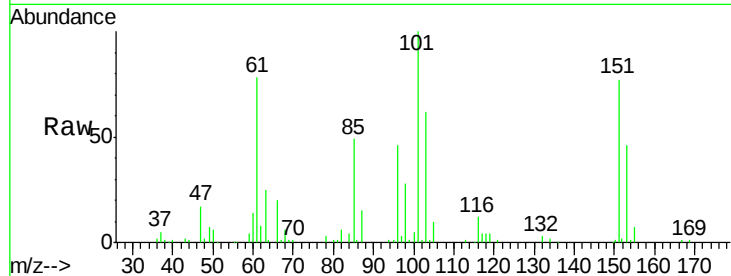
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.314 ug/l
RT: 3.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: VN064077.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	47.5	38.6	58.0
151	76.0	58.7	88.1

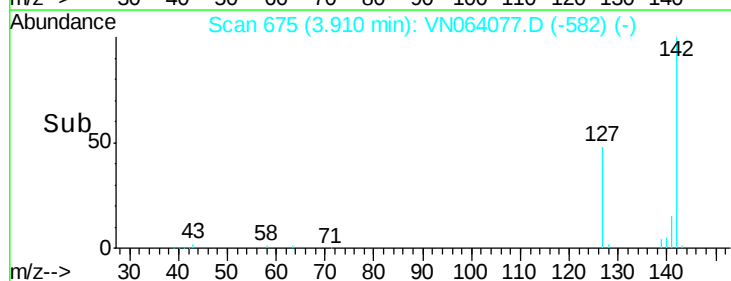
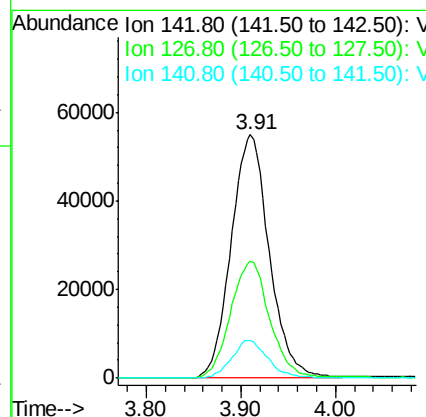
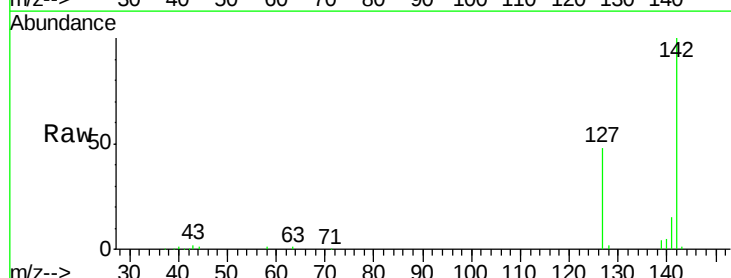
Manual Integrations
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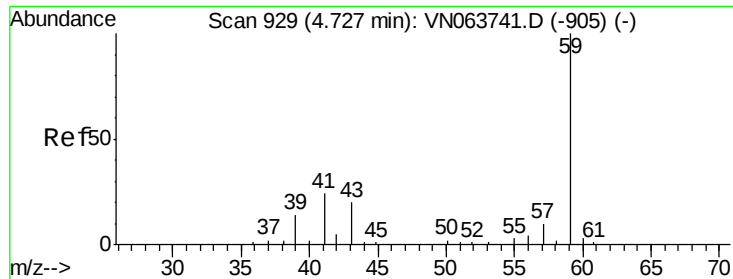
MMDadoda
10/13/2020 4:09:44 PM



#10
Methyl Iodide
Concen: 46.493 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.1	40.5	60.7
141	14.7	11.7	17.5





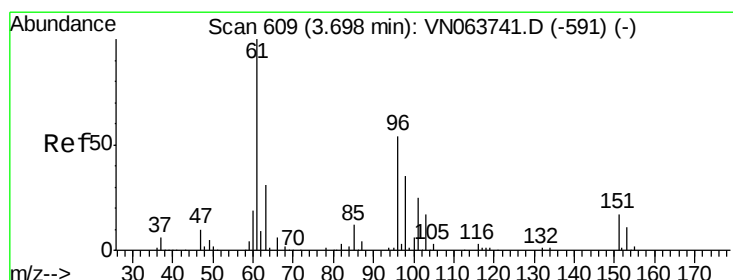
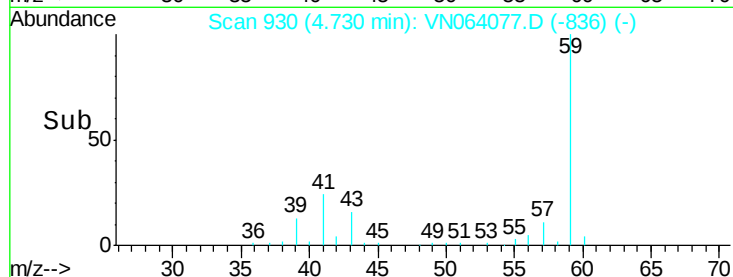
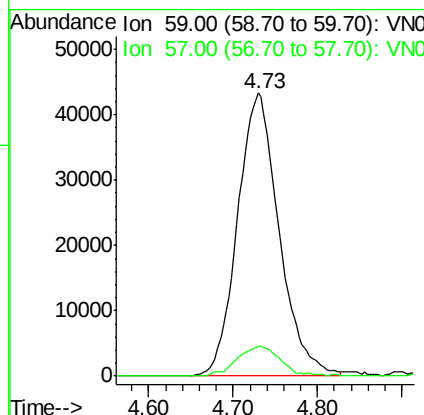
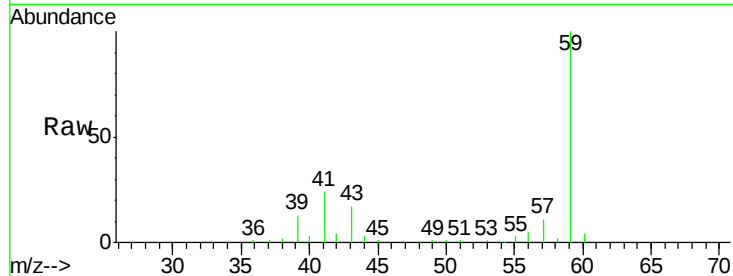
#11
Tert butyl alcohol
Concen: 299.638 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 148027
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

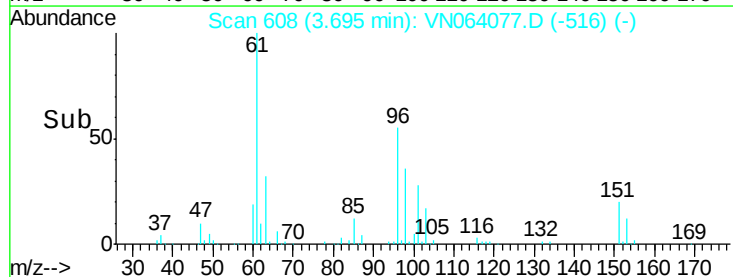
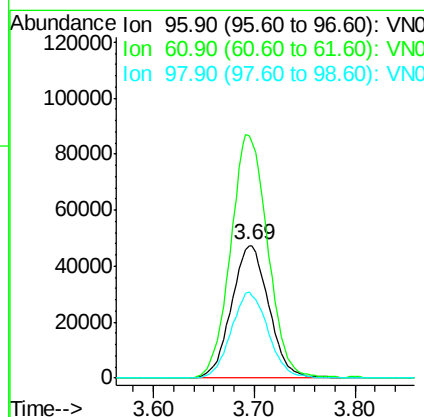
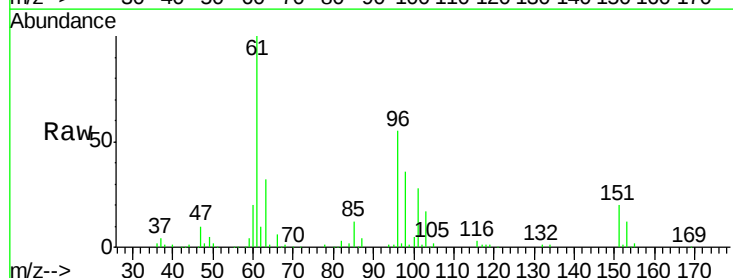
Manual Integrations
APPROVED

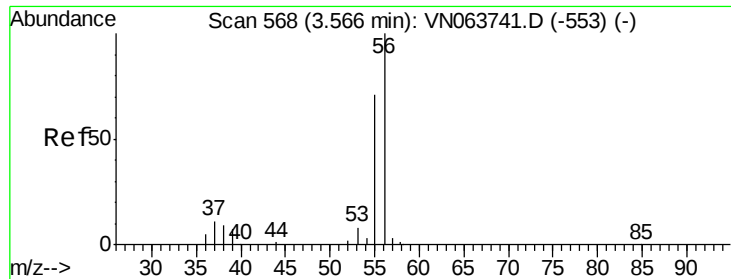
MMDadoda
10/13/2020 4:09:44 PM



#12
1,1-Dichloroethene
Concen: 44.590 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 96 Resp: 121617
Ion Ratio Lower Upper
96 100
61 182.3 147.7 221.5
98 65.1 51.9 77.9





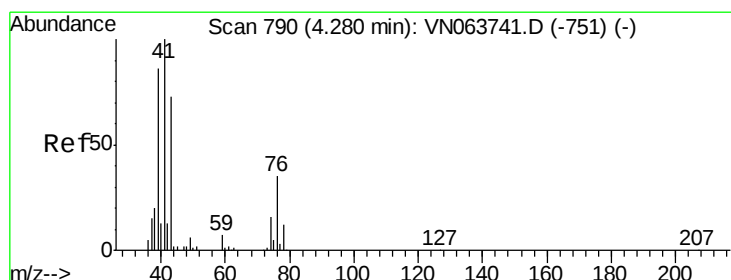
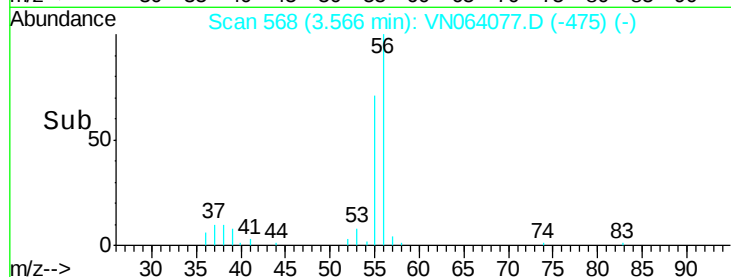
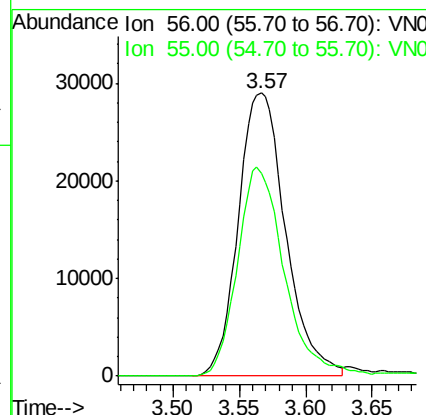
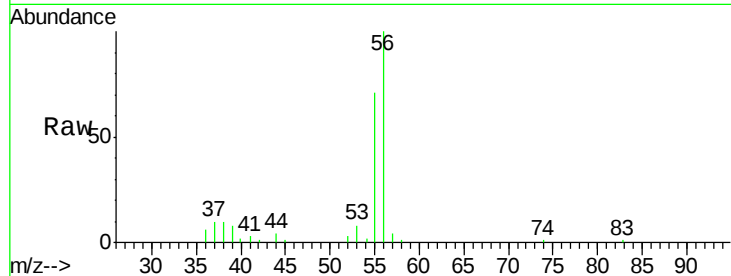
#13
Acrolein
Concen: 237.914 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	73.1	56.9	85.3

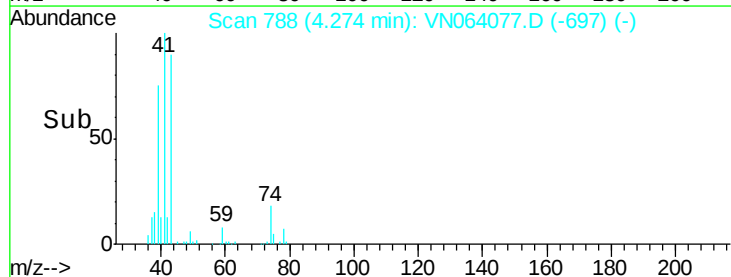
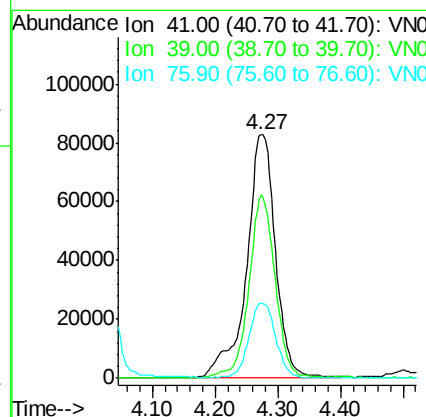
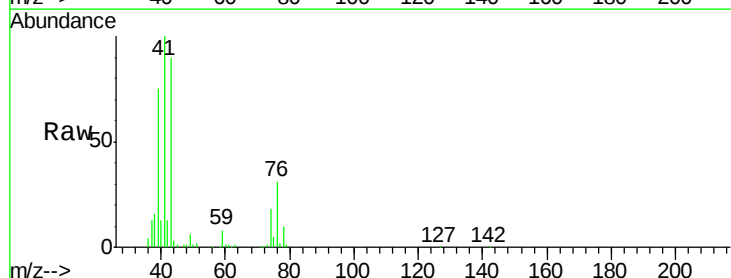
Manual Integrations
APPROVED

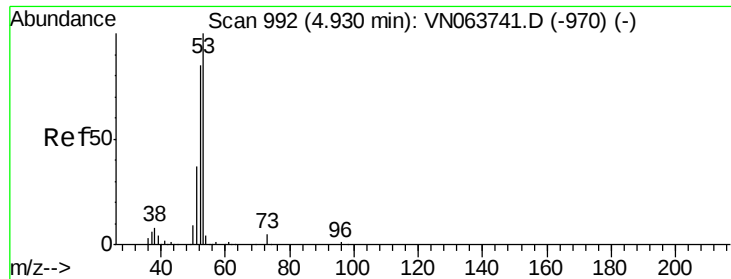
MMDadoda
10/13/2020 4:09:44 PM



#14
Allyl chloride
Concen: 52.832 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	67.6	64.5	96.7
76	76	27.5	25.9	38.9





#15

Acrylonitrile

Concen: 284.761 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

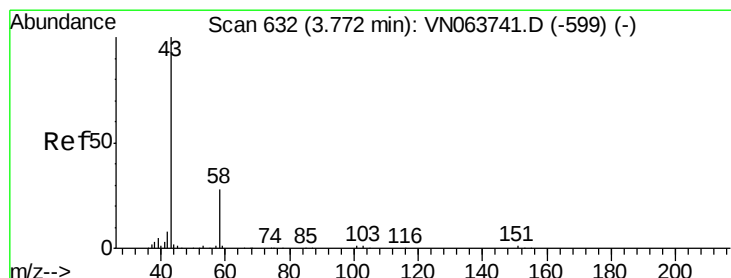
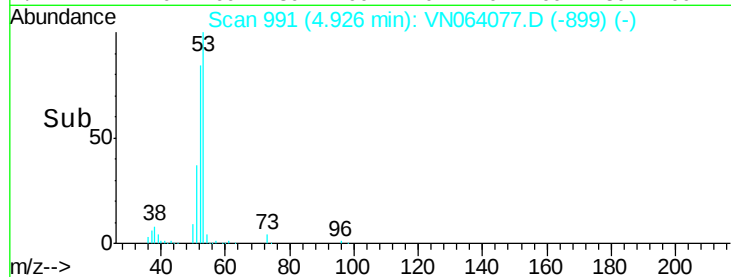
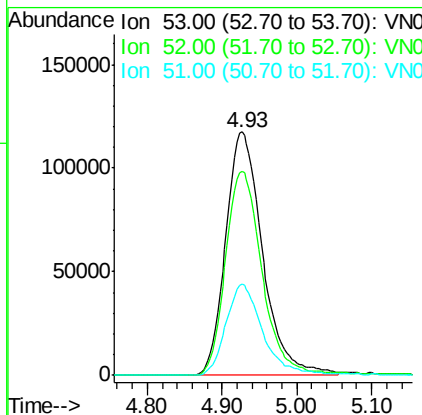
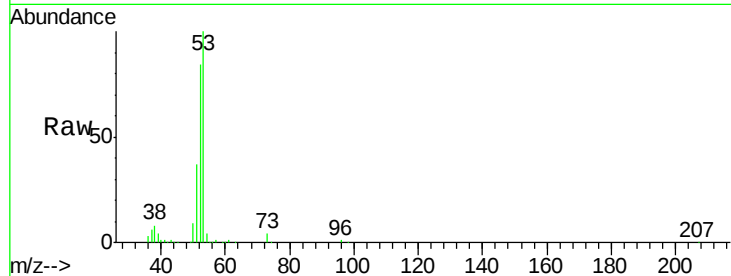
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	402680
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.5	99.7
51	37.2	29.9	44.9

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 283.352 ug/l

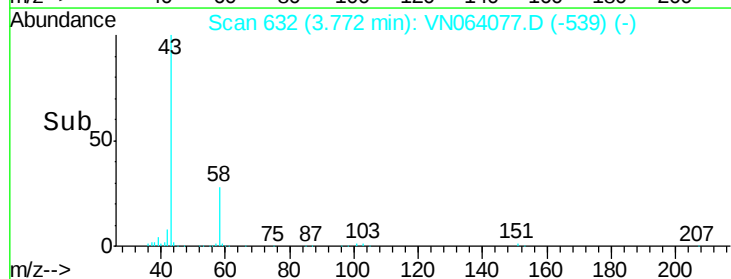
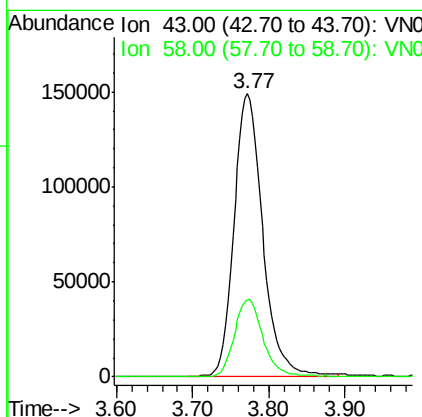
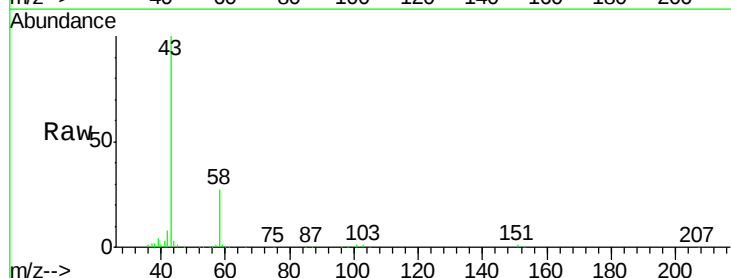
RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion:	43	Resp:	390303
Ion Ratio		Lower	Upper
43	100		
58	27.4	22.3	33.5





#17

Carbon Disulfide

Concen: 43.661 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 321197

Ion Ratio Lower Upper

76 100

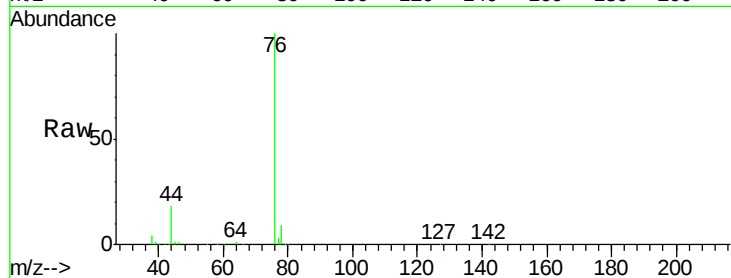
78 8.8 7.0 10.4

Manual Integrations

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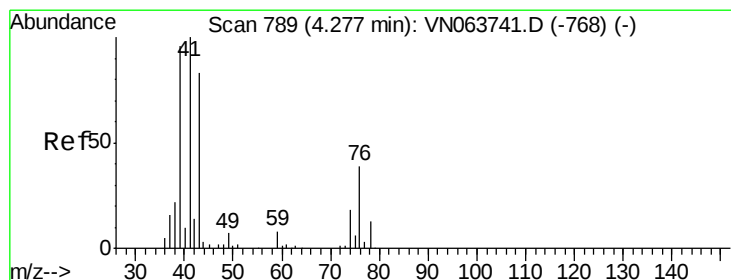
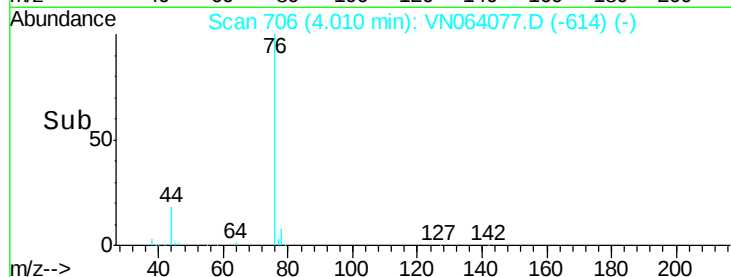
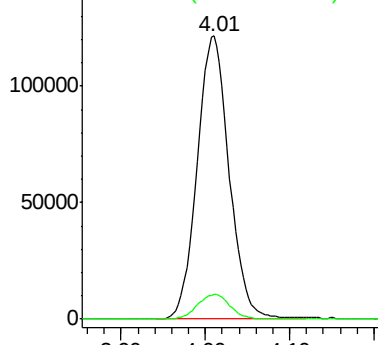
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 60.678 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064077.D

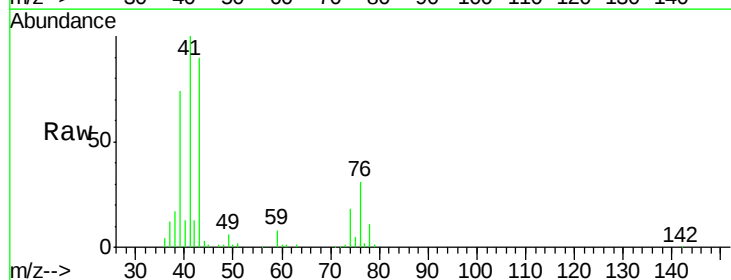
Acq: 12 Oct 2020 14:44

Tgt Ion: 43 Resp: 217009

Ion Ratio Lower Upper

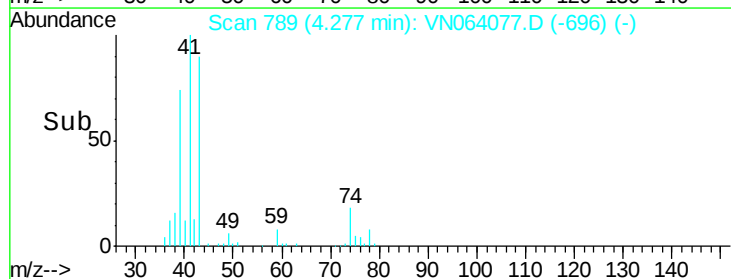
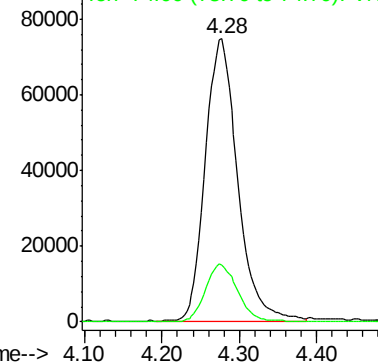
43 100

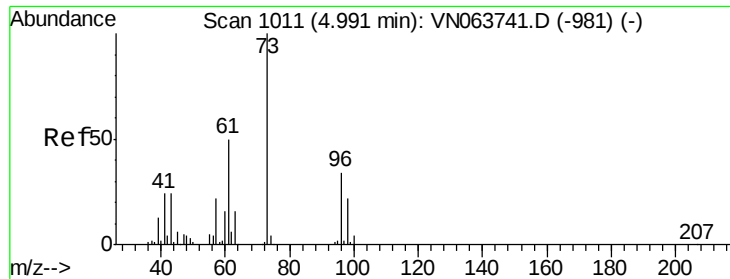
74 20.2 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





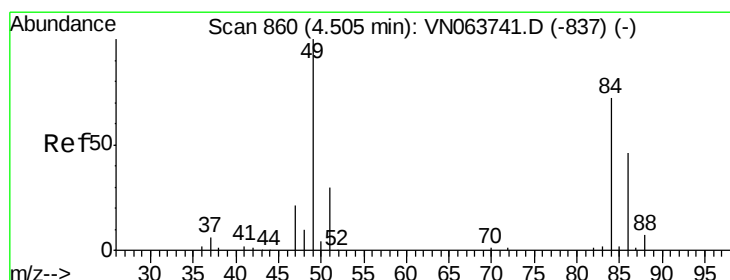
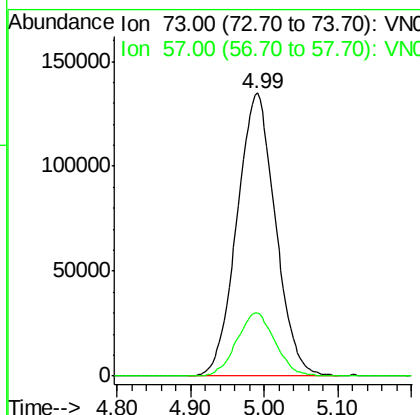
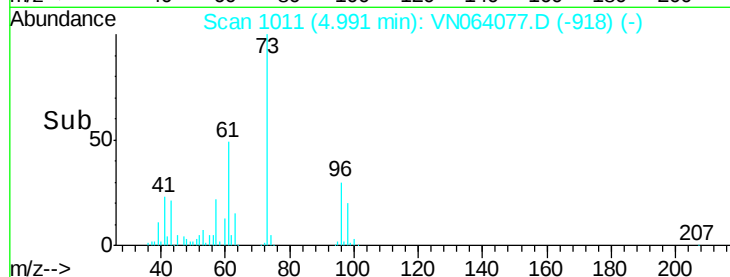
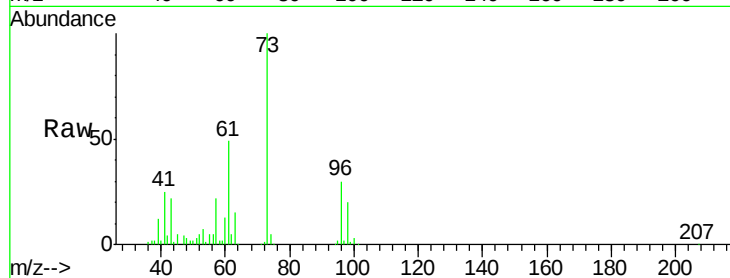
#19
Methvl tert-butvl Ether
Concen: 49.523 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 490721
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

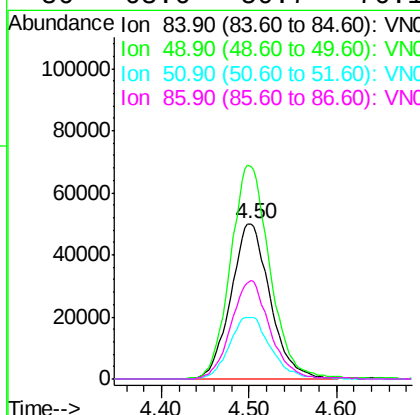
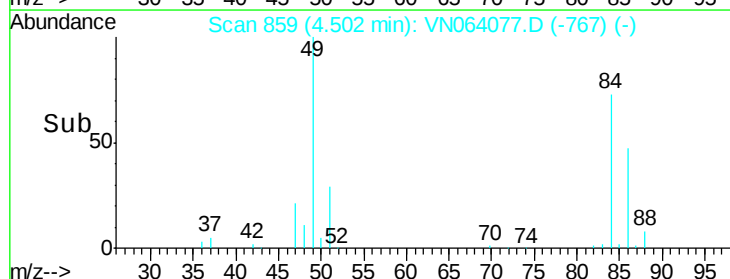
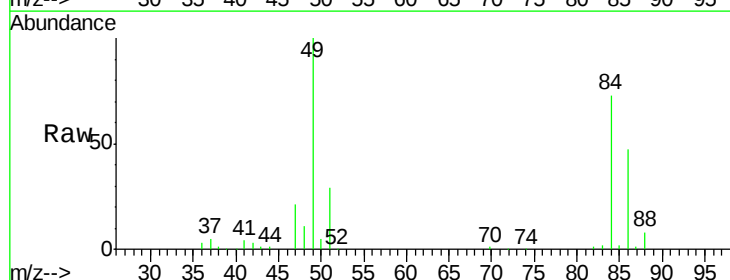
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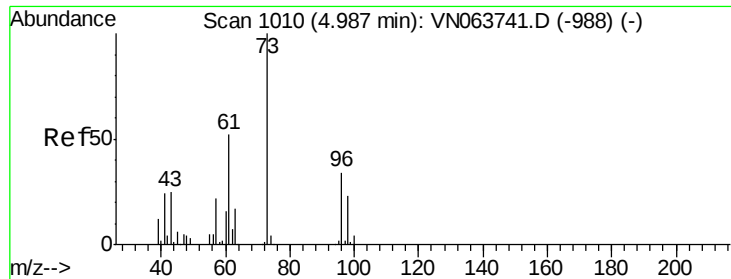
MMDadoda
10/13/2020 4:09:44 PM



#20
Methylene Chloride
Concen: 49.235 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 84 Resp: 155333
Ion Ratio Lower Upper
84 100
49 136.3 110.4 165.6
51 40.0 33.3 49.9
86 63.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 44.719 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

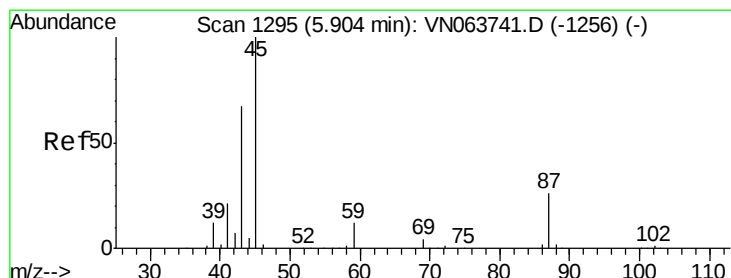
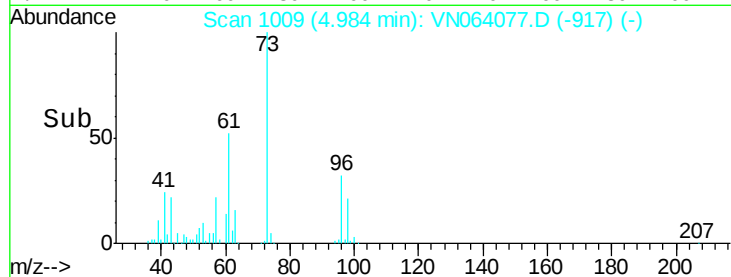
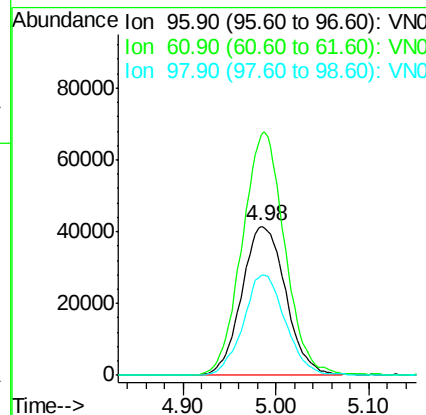
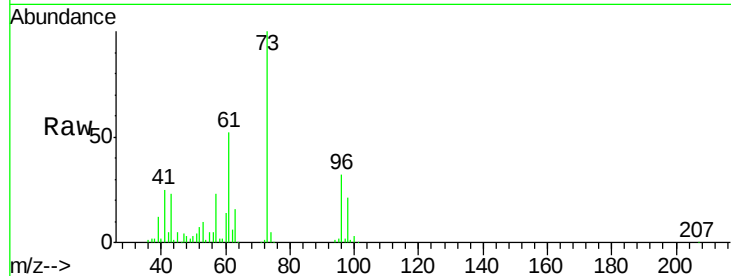
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	136615
Ion	Ratio	Lower	Upper
96	100		
61	161.4	120.2	180.2
98	66.8	52.6	79.0

Manual Integrations
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10/13/2020 4:09:44 PM



#22

Diisopropyl ether

Concen: 54.173 ug/l

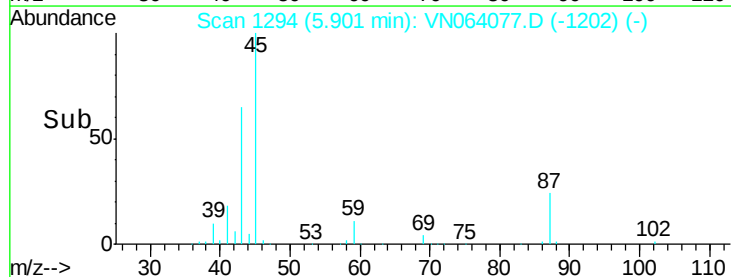
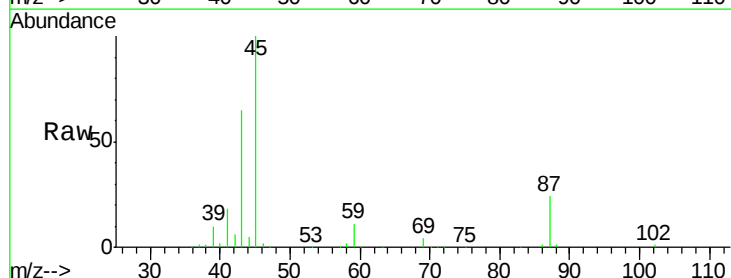
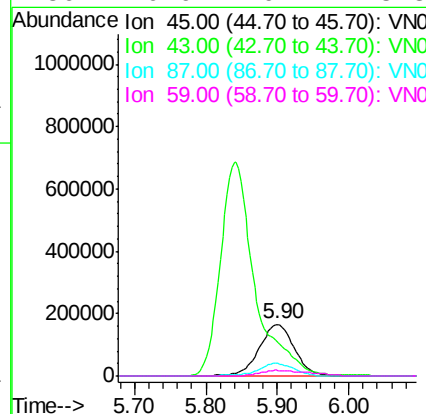
RT: 5.90 min Scan# 1294

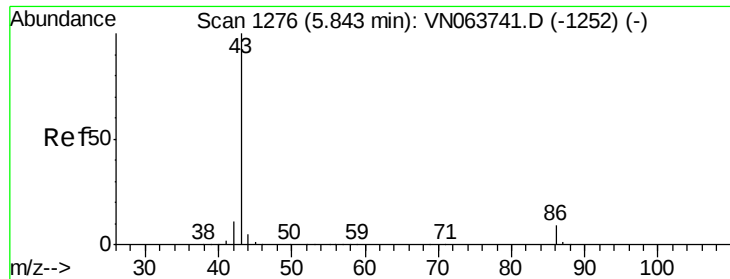
Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion:	45	Resp:	564757
Ion	Ratio	Lower	Upper
45	100		
43	64.0	53.7	80.5
87	23.9	21.1	31.7
59	10.9	9.2	13.8





#23

Vinyl Acetate

Concen: 266.202 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2298861

Ion Ratio Lower Upper

43 100

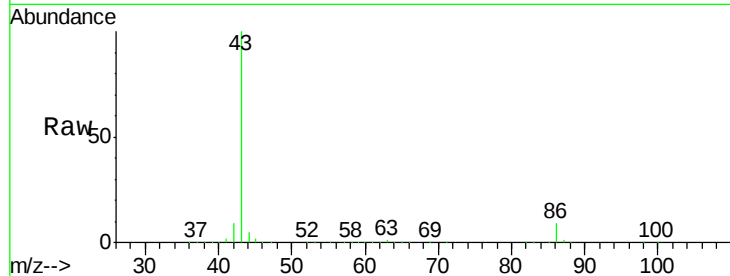
86 8.6 7.3 10.9

Manual Integrations

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10/13/2020 4:09:44 PM



Abundance Ion 43.00 (42.70 to 43.70): VN064077.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN064077.D (-1252) (-)

800000

600000

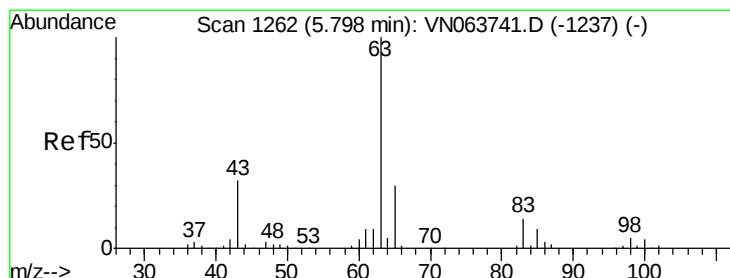
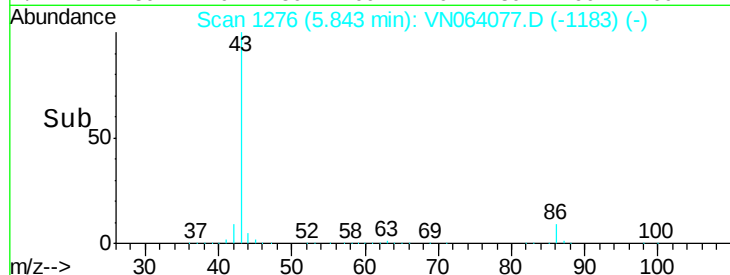
400000

200000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.211 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

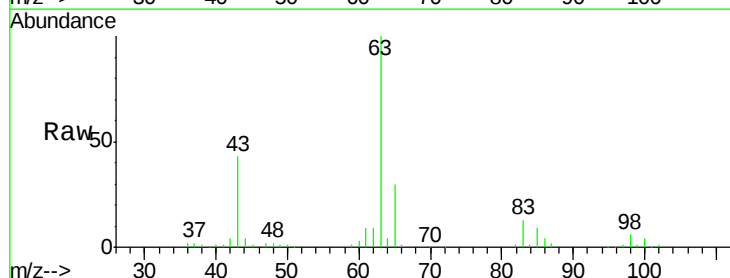
Tgt Ion: 63 Resp: 293336

Ion Ratio Lower Upper

63 100

98 5.5 2.7 8.1

100 4.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064077.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064077.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064077.D (-1169) (-)

120000

100000

80000

60000

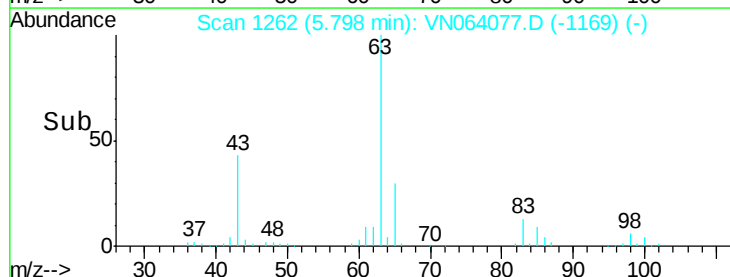
40000

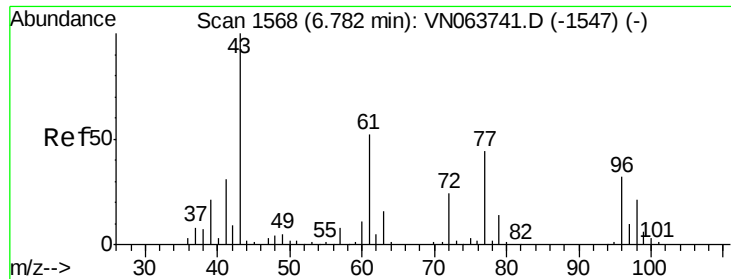
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 298.665 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 583259

Ion Ratio Lower Upper

43 100

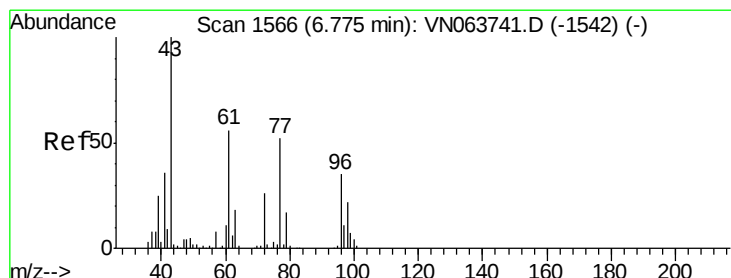
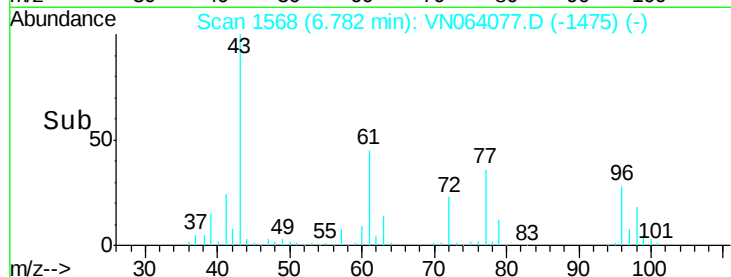
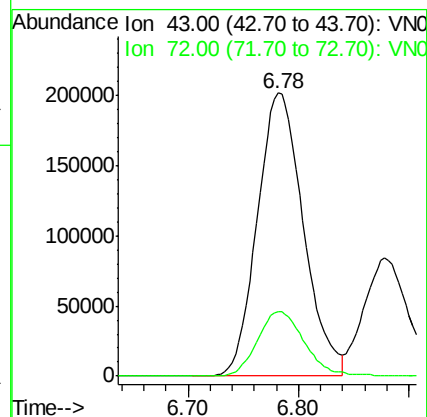
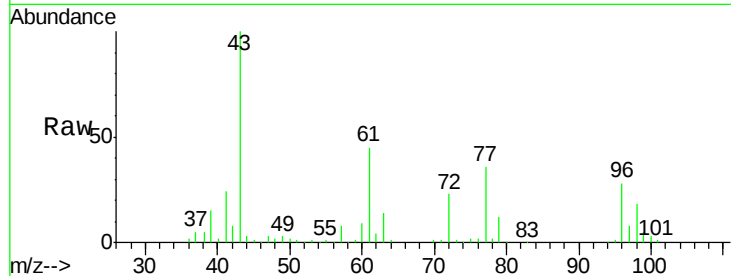
72 22.7 19.3 28.9

Manual Integrations

APPROVED

MMDadoda

10/13/2020 4:09:44 PM



#26

2,2-Dichloropropane

Concen: 45.723 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064077.D

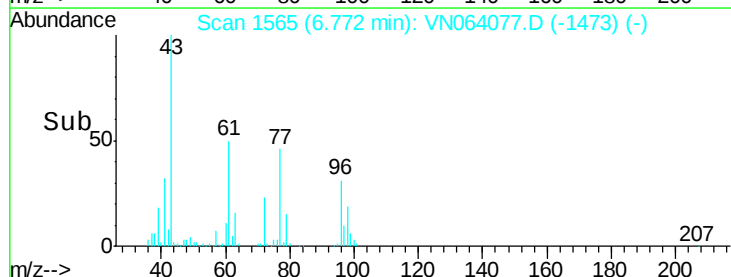
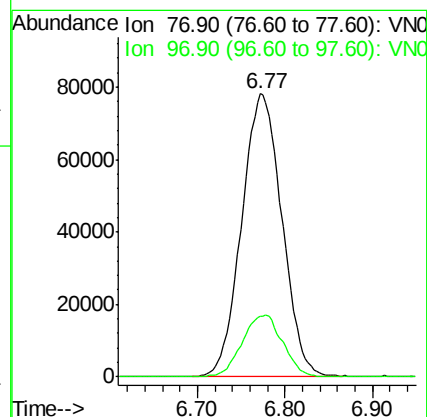
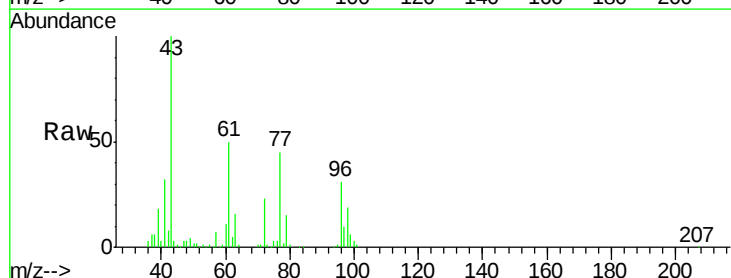
Acq: 12 Oct 2020 14:44

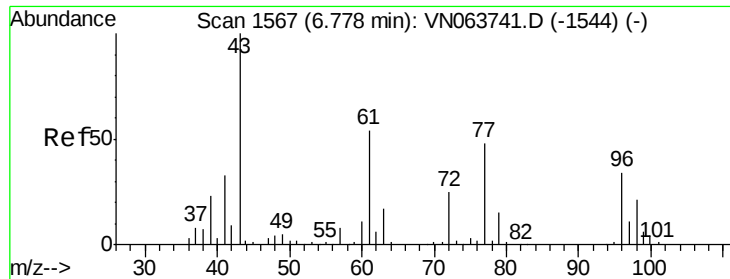
Tgt Ion: 77 Resp: 249588

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.3





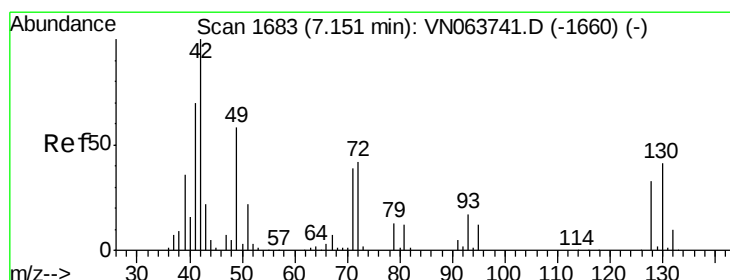
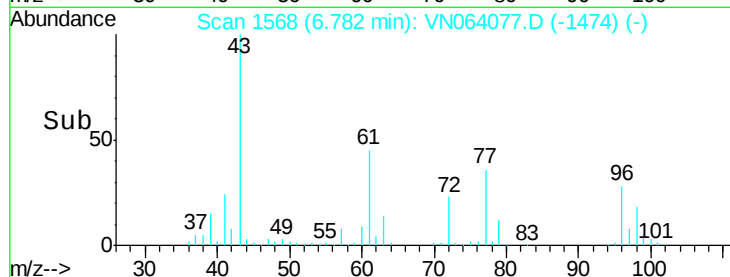
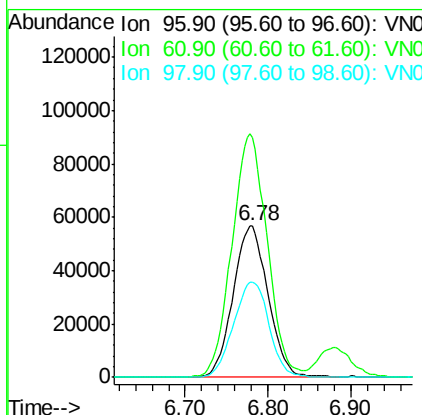
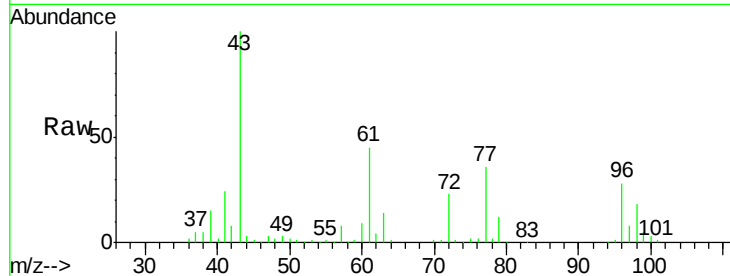
#27
 cis-1,2-Dichloroethene
 Concen: 47.447 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166708		
61	161.6	0.0	321.2	
98	63.6	0.0	124.4	

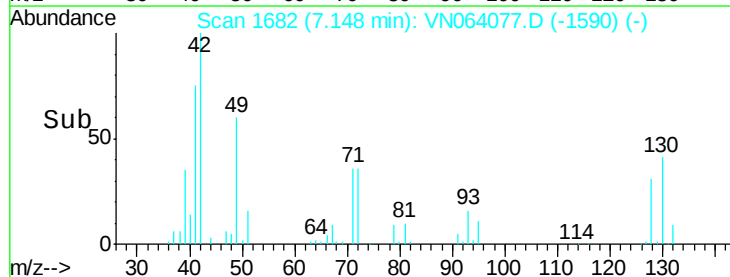
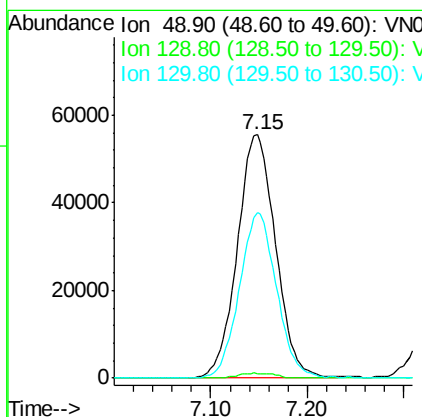
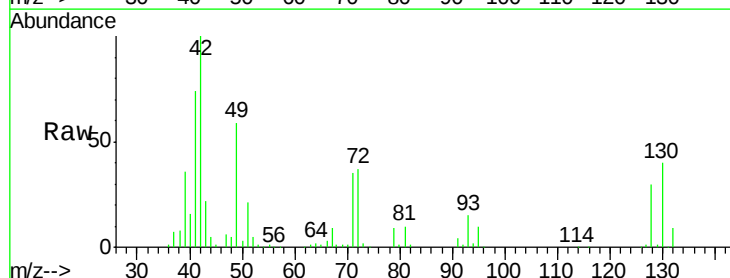
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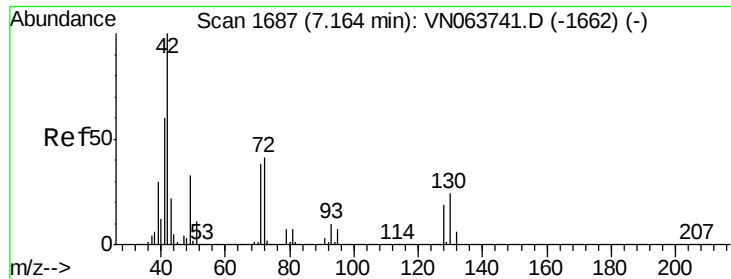
MMDadoda
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#28
 Bromochloromethane
 Concen: 51.845 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	152741		
129	1.9	0.0	4.8	
130	65.9	55.6	83.4	





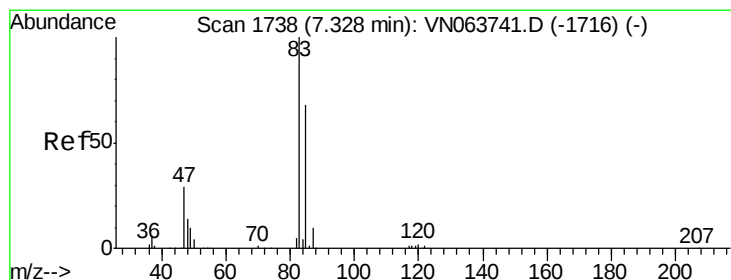
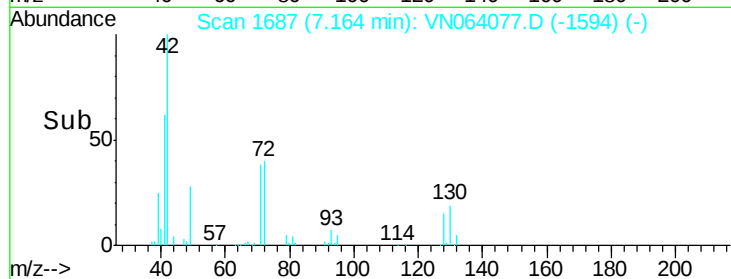
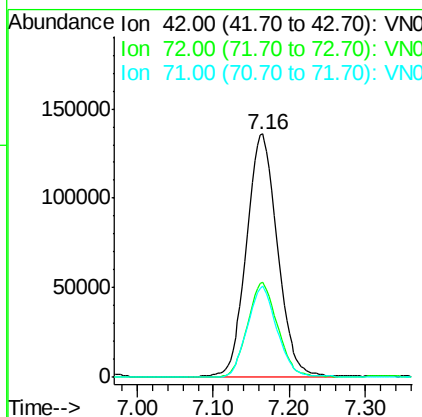
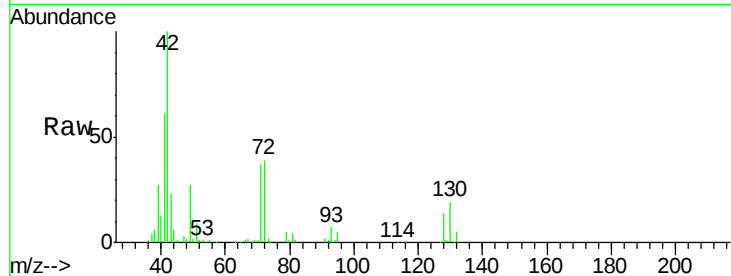
#29
Tetrahydrofuran
Concen: 294.894 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	32.8	49.2
71	35.7	30.6	45.8

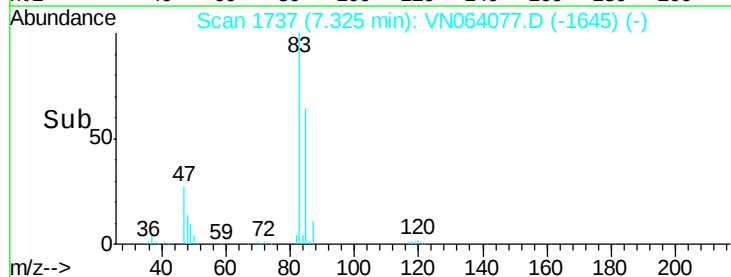
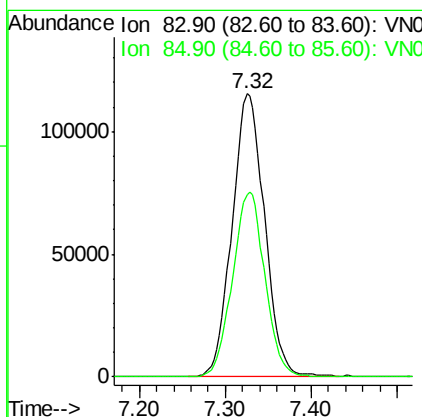
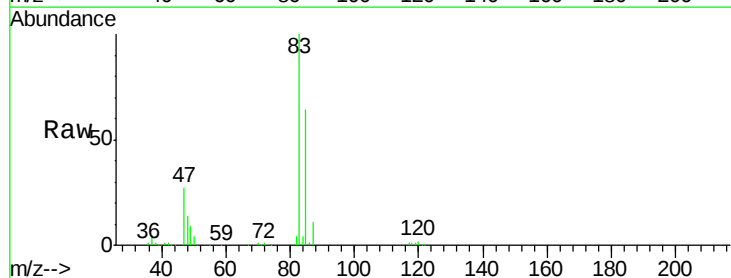
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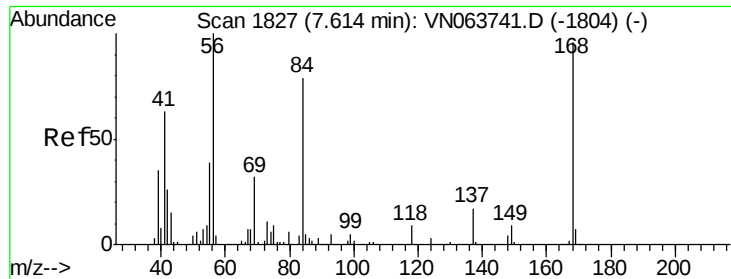
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#30
Chloroform
Concen: 48.734 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	54.6	82.0





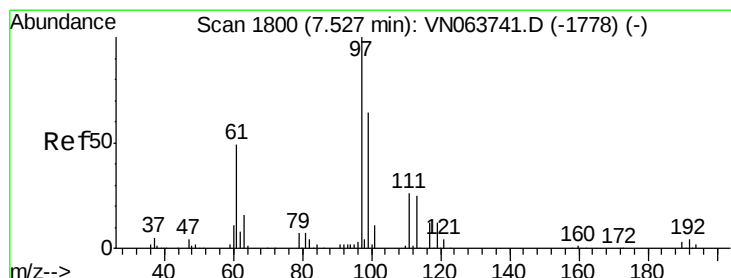
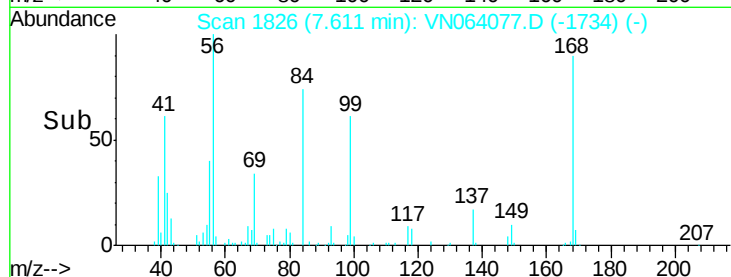
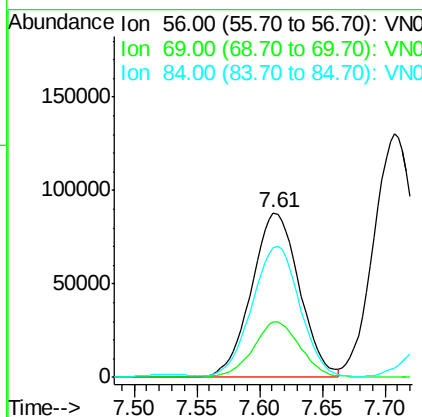
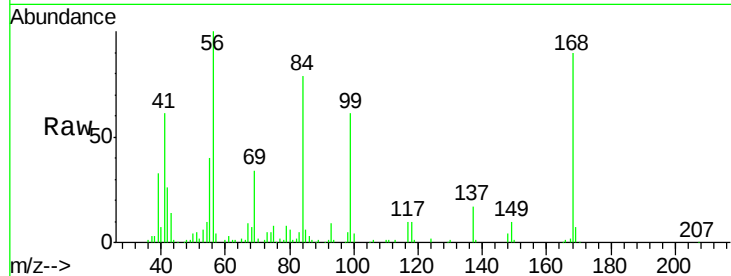
#31
Cyclohexane
Concen: 45.172 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.4	38.2
84	77.5	63.3	94.9

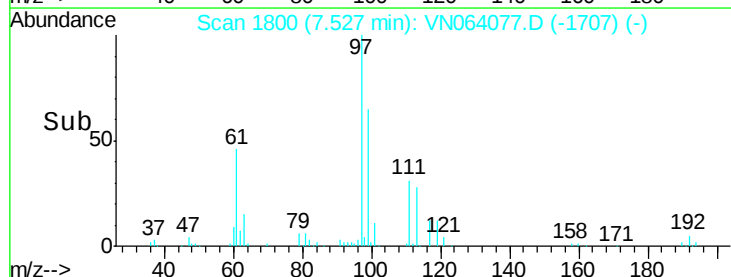
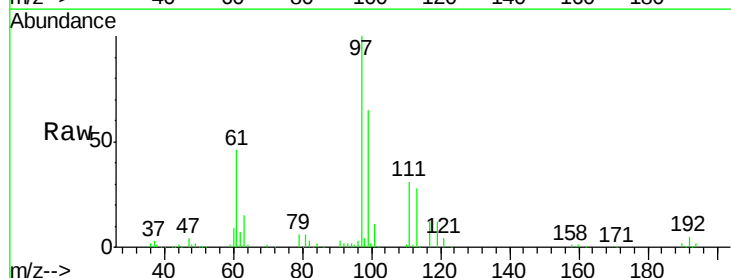
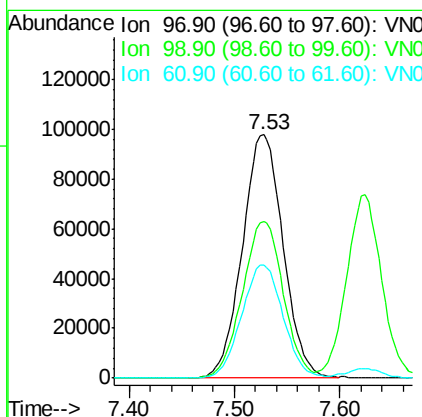
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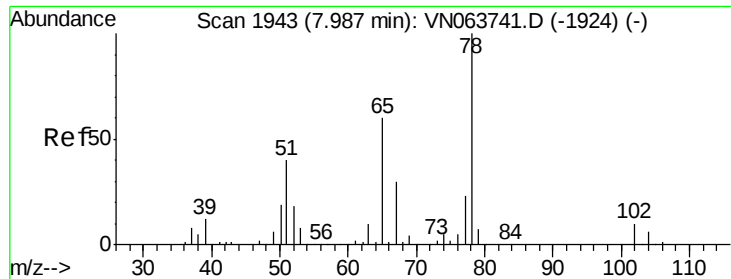
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#32
1,1,1-Trichloroethane
Concen: 47.000 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.6
61	47.2	38.7	58.1





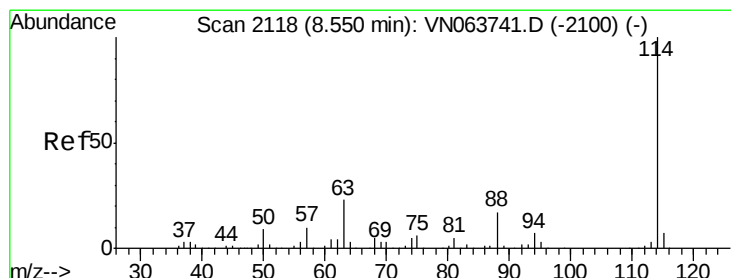
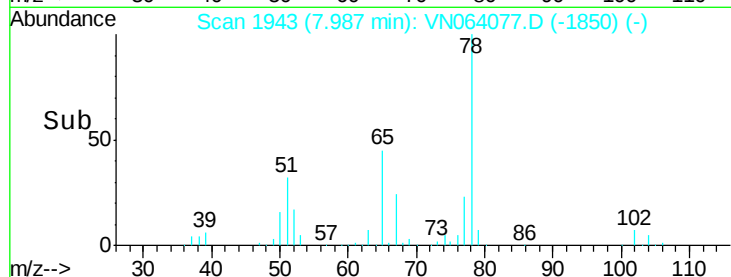
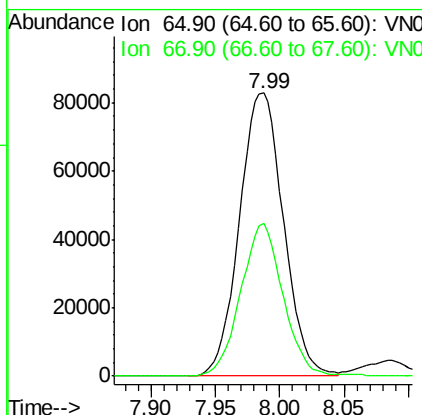
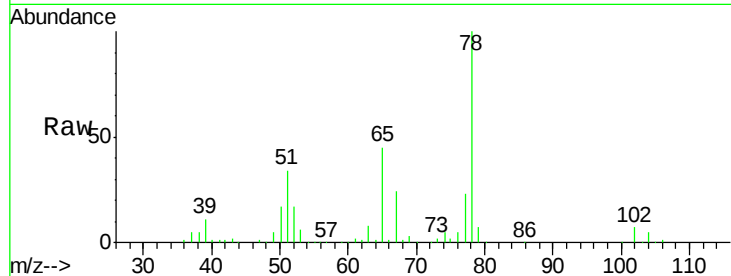
#33
 1,2-Dichloroethane-d4
 Concen: 44.076 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	197224		
67	51.6	0.0	99.6	

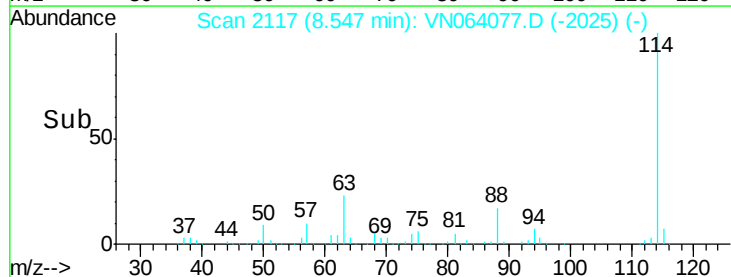
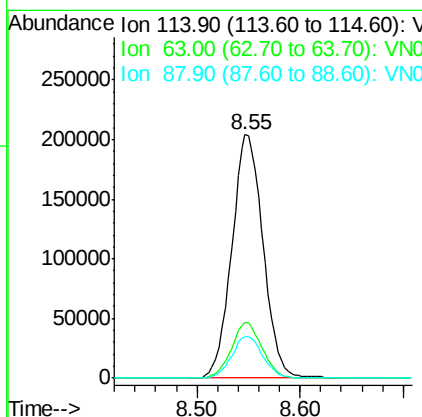
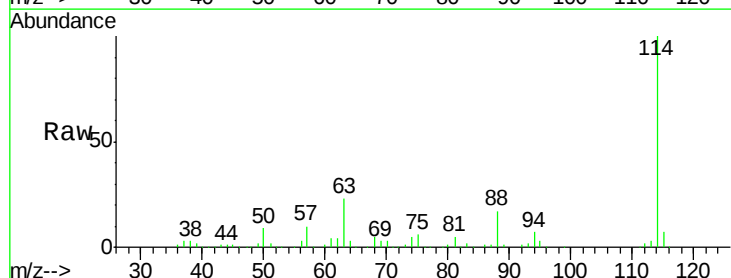
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	429565		
63	22.8	0.0	45.0	
88	17.1	0.0	34.0	





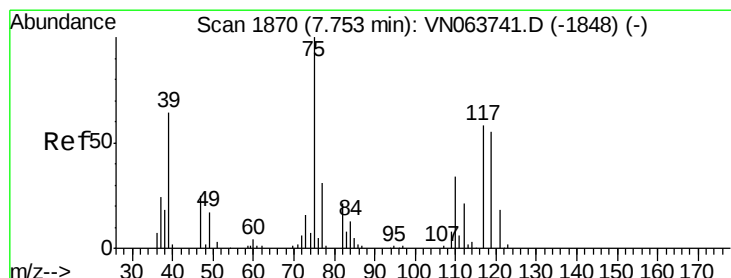
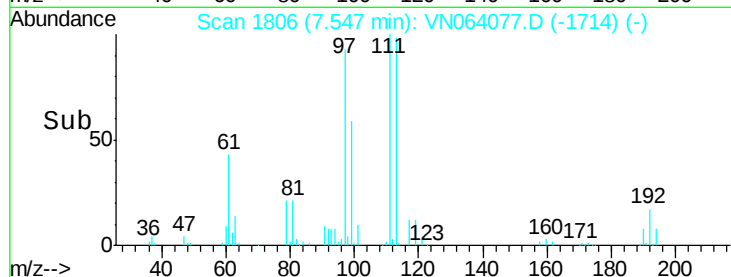
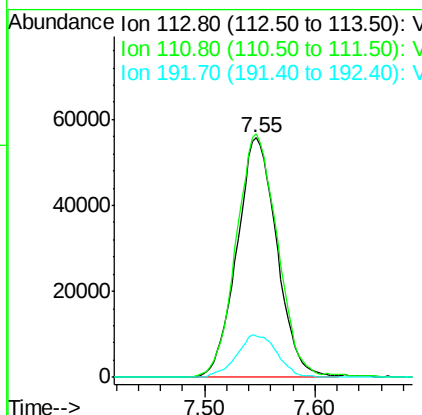
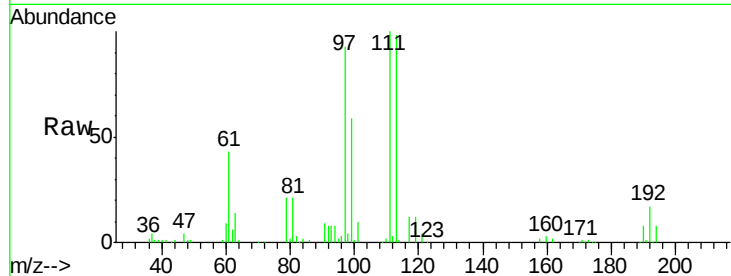
#35
 Dibromofluoromethane
 Concen: 47.029 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140178		
111	105.4	81.8	122.8	
192	18.0	14.2	21.2	

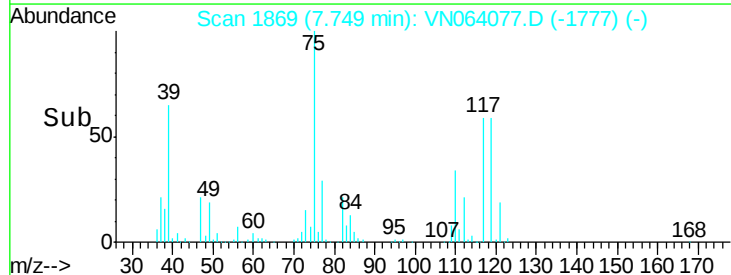
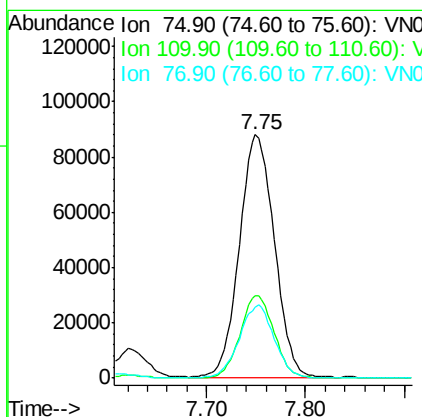
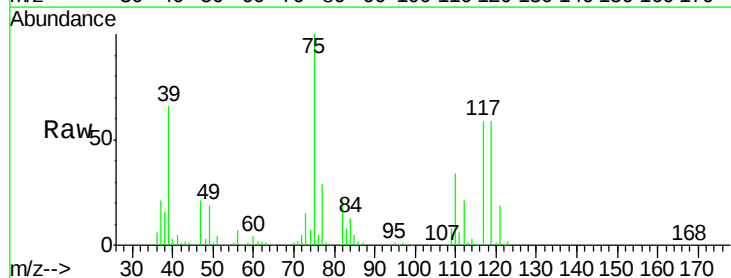
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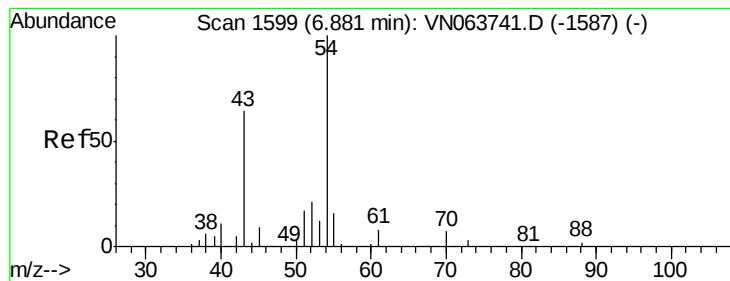
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#36
 1,1-Dichloropropene
 Concen: 49.519 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215504		
110	33.1	16.9	50.6	
77	30.3	24.5	36.7	





#37

Ethyl Acetate

Concen: 56.029 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

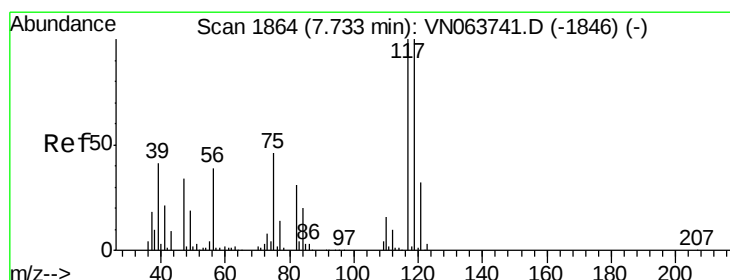
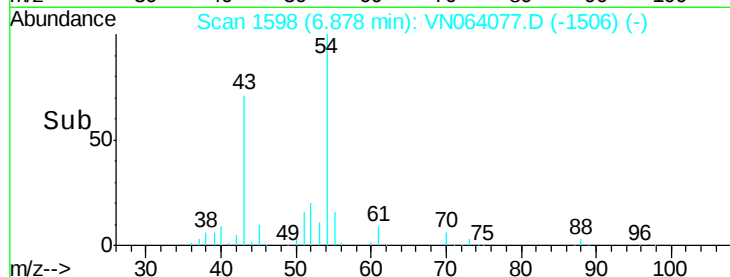
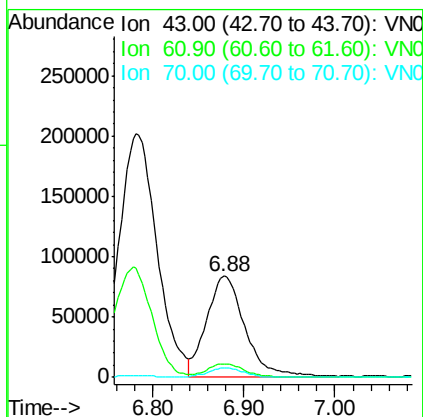
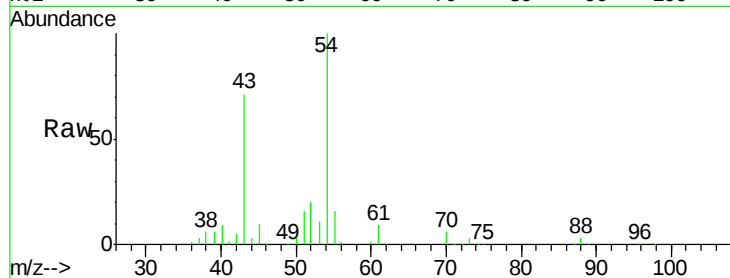
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	242252
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	8.2	7.3	10.9

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#38

Carbon Tetrachloride

Concen: 45.974 ug/l

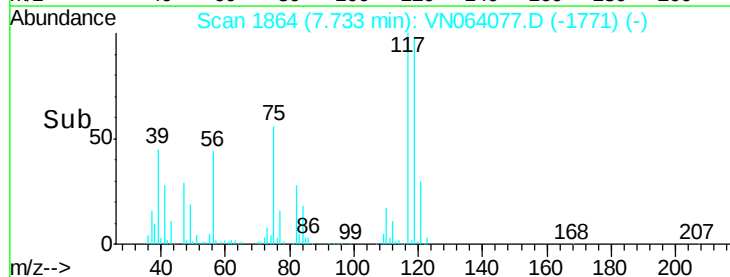
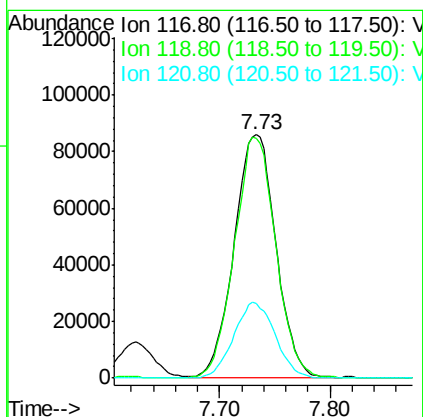
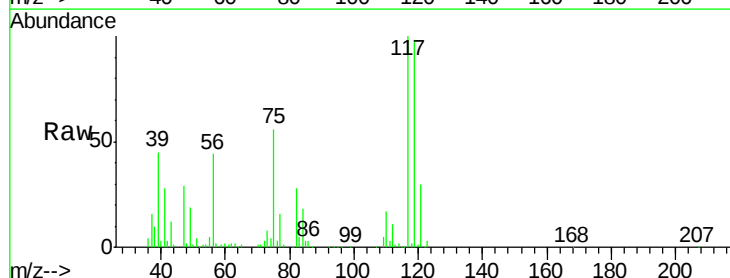
RT: 7.73 min Scan# 1864

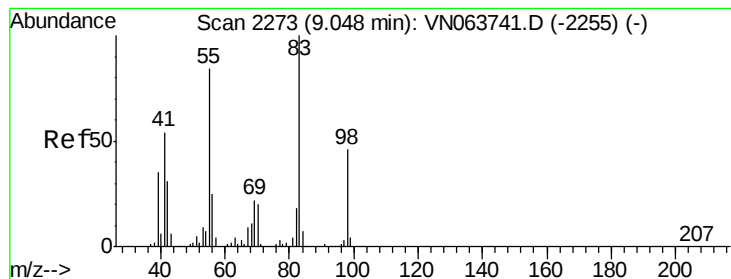
Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion:	117	Resp:	224354
Ion	Ratio	Lower	Upper
117	100		
119	98.6	80.1	120.1
121	30.5	25.7	38.5





#39

Methvlcvclohexane

Concen: 46.094 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

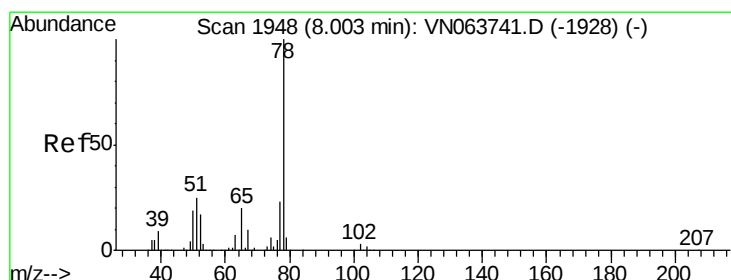
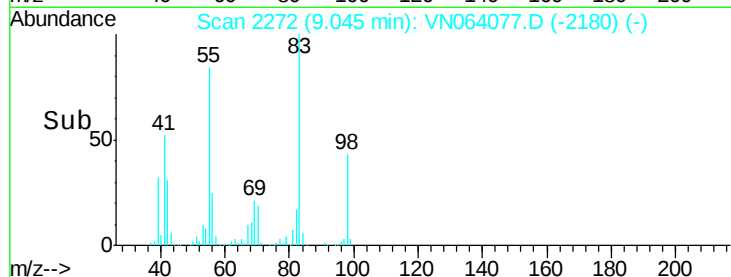
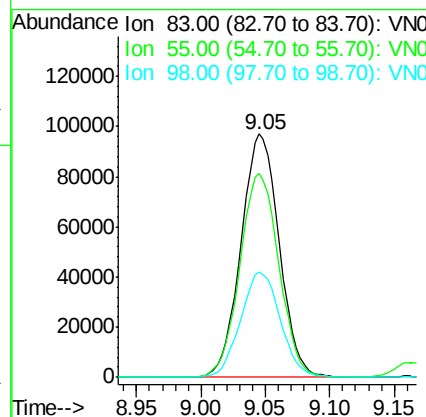
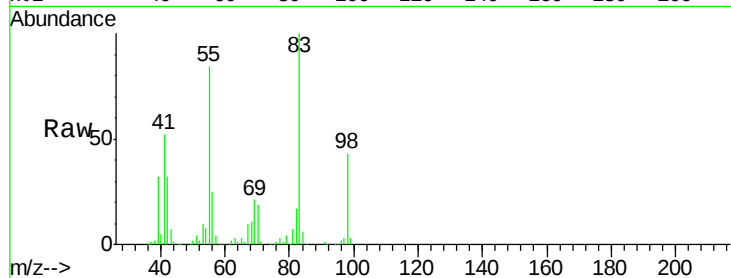
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	200044
Ion	Ratio	Lower	Upper
83	100		
55	83.7	67.1	100.7
98	43.2	36.6	54.8

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#40

Benzene

Concen: 51.002 ug/l

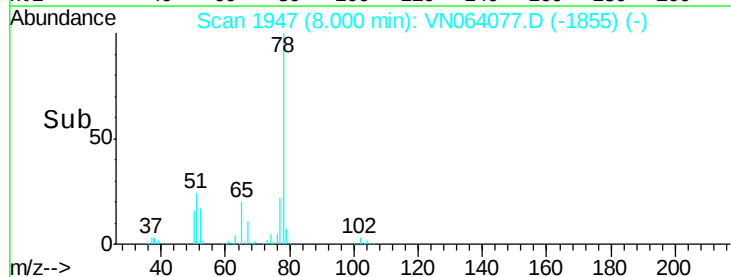
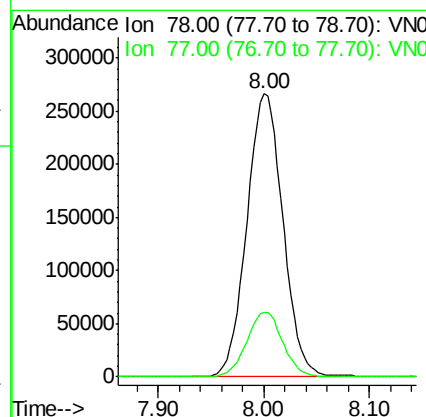
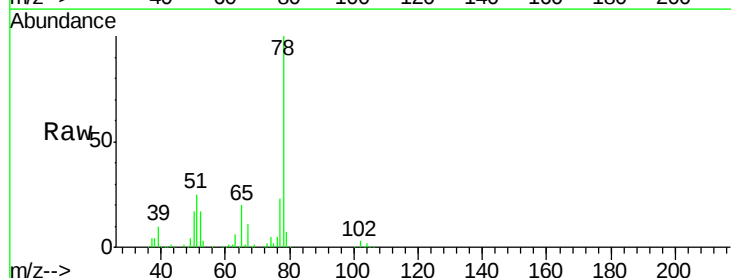
RT: 8.00 min Scan# 1947

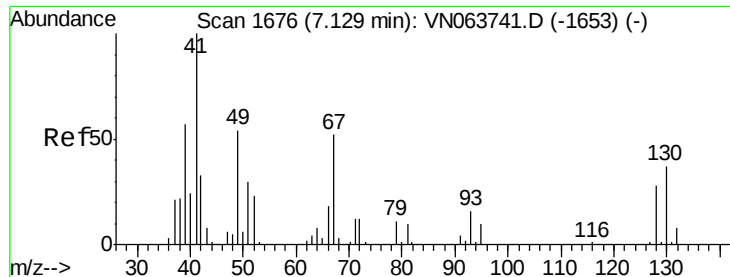
Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion:	78	Resp:	633963
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.7	28.1





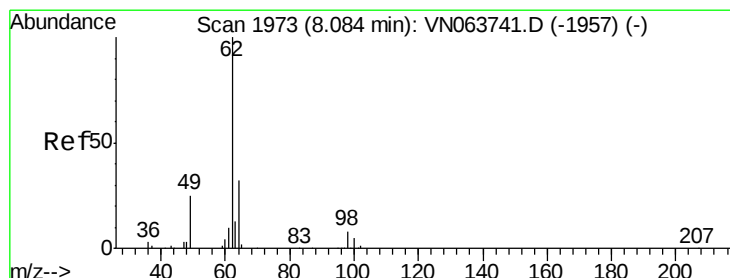
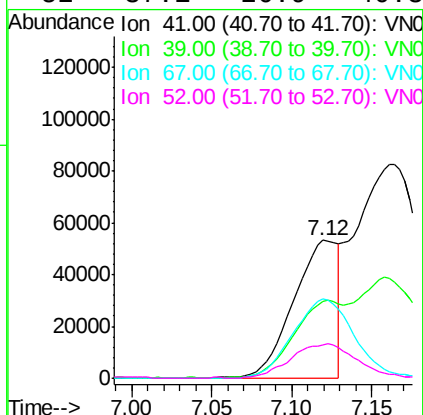
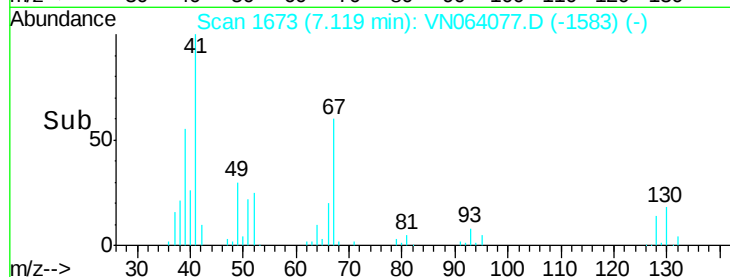
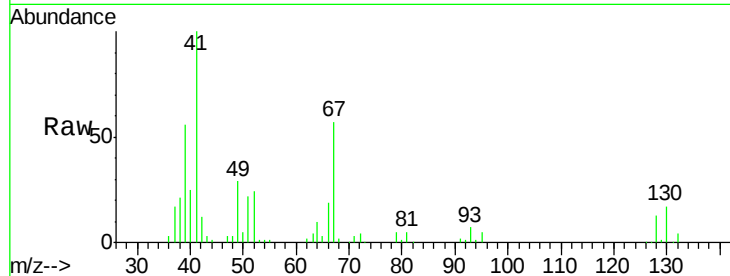
#41
Methacrylonitrile
Concen: 53.847 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	103474
Ion Ratio	Lower	Upper	
41	100		
39	60.5	42.5	63.7
67	79.9	57.4	86.2
52	37.1	26.9	40.3

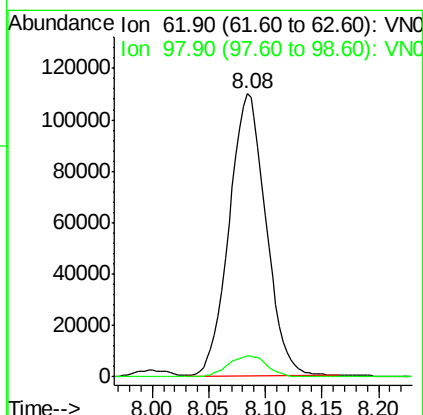
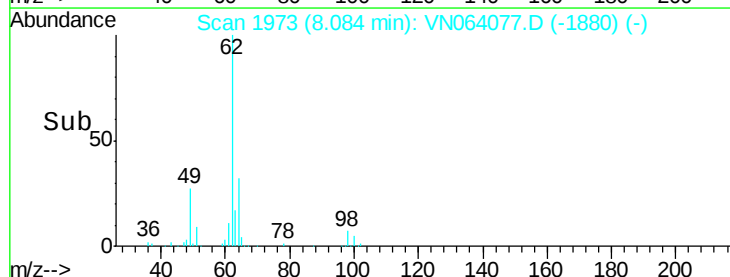
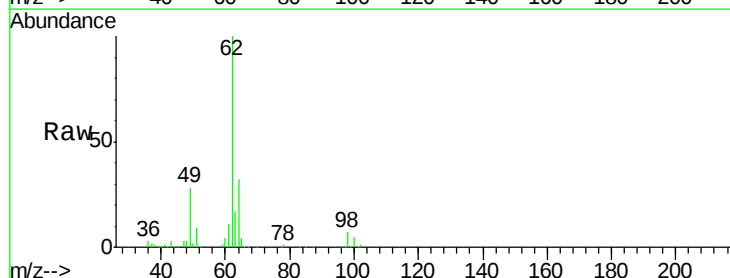
Manual Integrations
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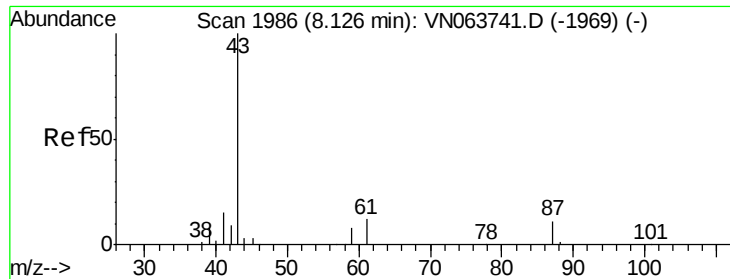
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#42
1,2-Dichloroethane
Concen: 46.844 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	62	Resp	248555
Ion Ratio	Lower	Upper	
62	100		
98	8.0	0.0	15.0





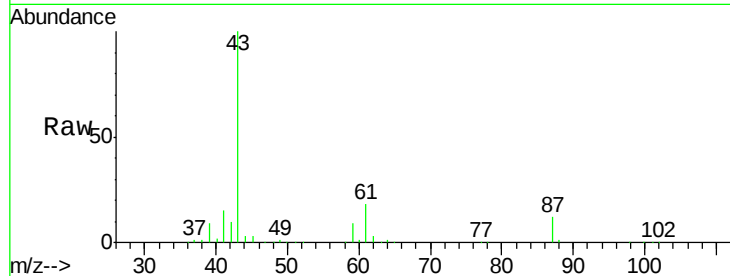
#43
Isopropyl Acetate
Concen: 55.673 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

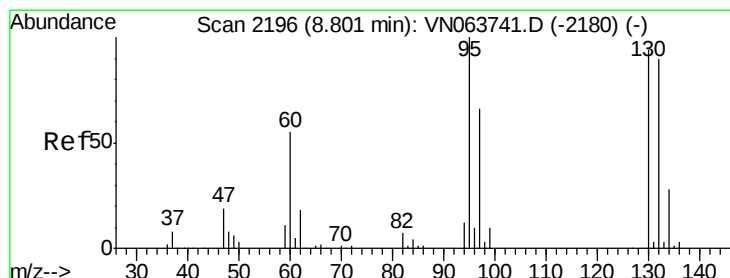
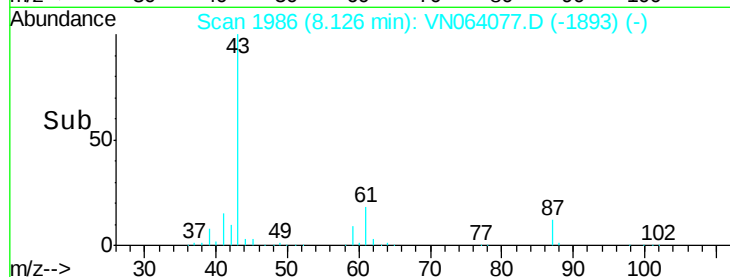
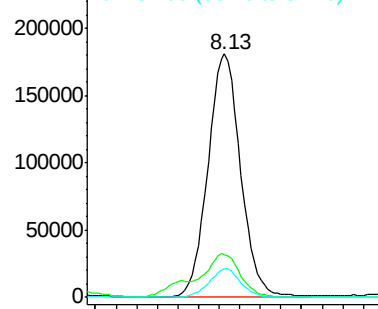
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.2	21.4
87	11.4	9.0	13.6

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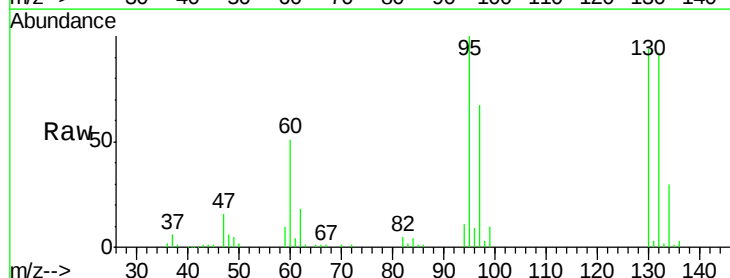


Abundance Ion 43.00 (42.70 to 43.70): VN064077.D (-1969) (-)

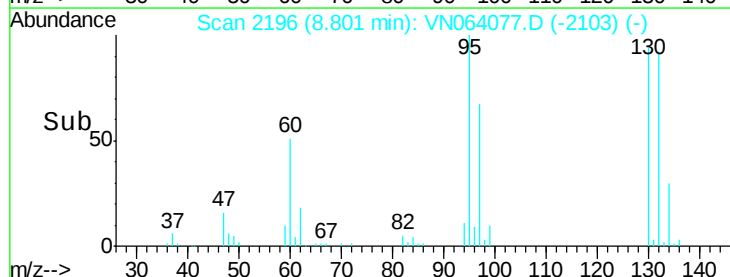
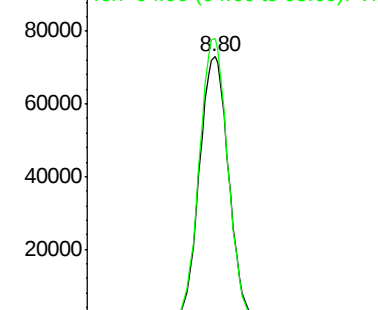


#44
Trichloroethene
Concen: 47.825 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	213.6



Abundance Ion 129.80 (129.50 to 130.50): VN064077.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 53.411 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 179299

Ion Ratio Lower Upper

63 100

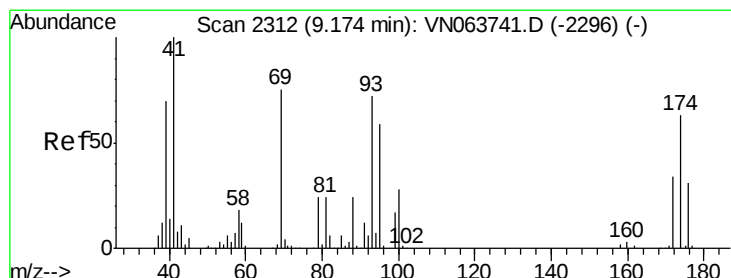
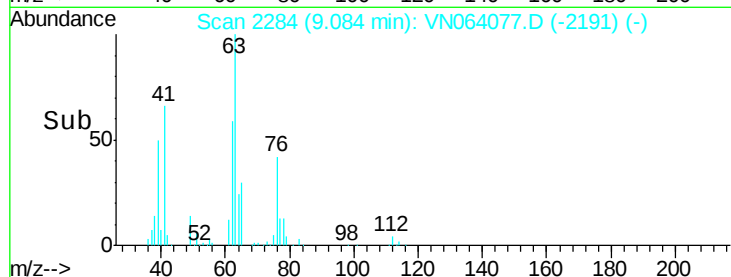
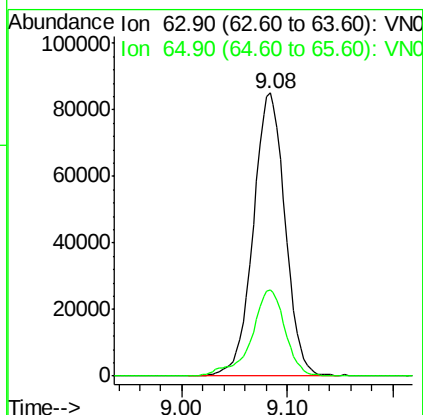
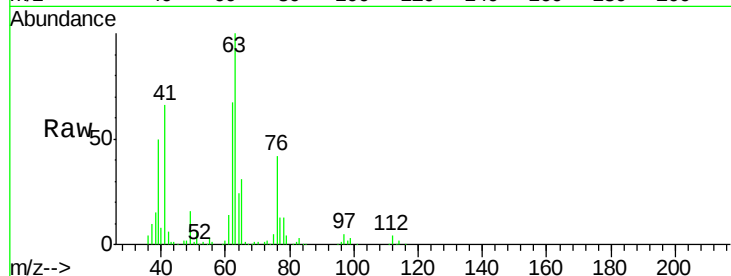
65 30.5 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 49.098 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

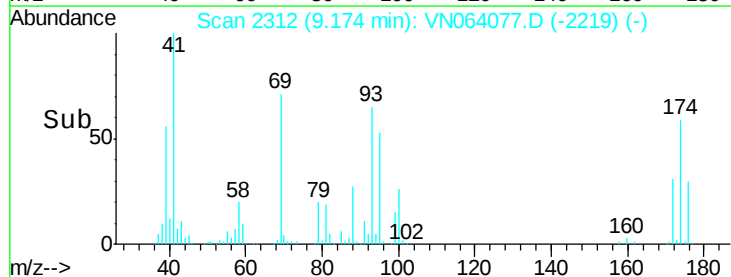
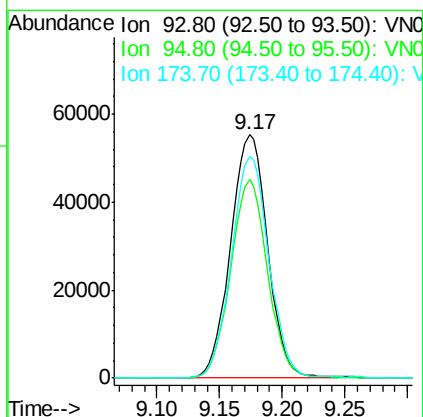
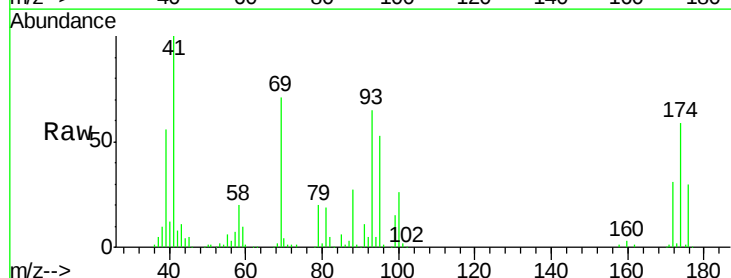
Tgt Ion: 93 Resp: 113701

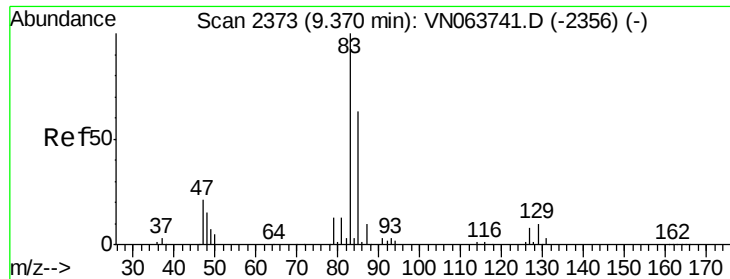
Ion Ratio Lower Upper

93 100

95 81.1 66.3 99.5

174 92.0 72.7 109.1





#47

Bromodichloromethane

Concen: 51.194 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

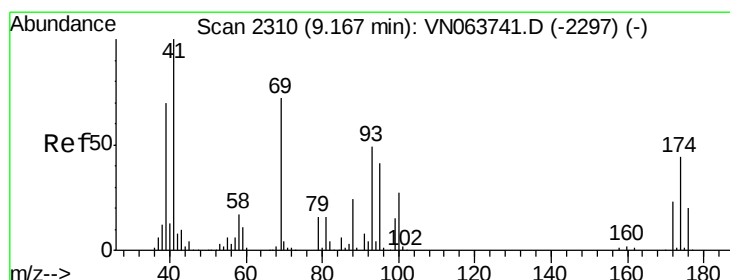
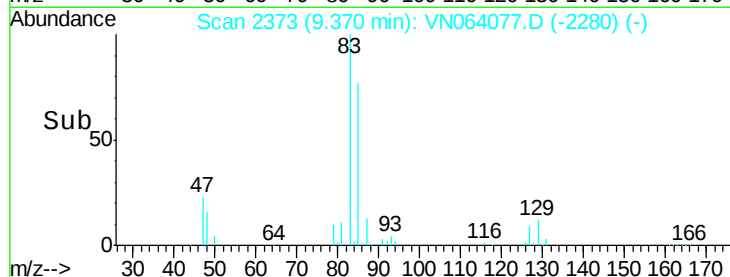
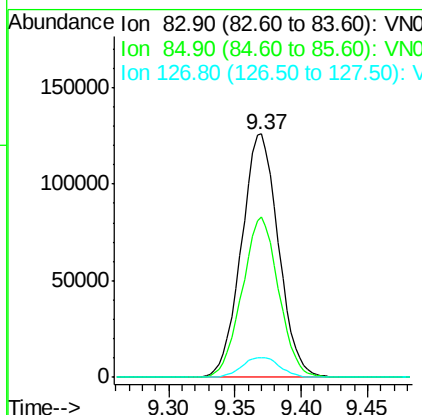
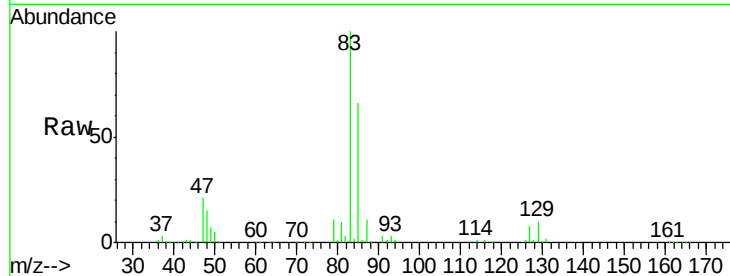
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	244336
Ion Ratio	Lower	Upper	
83	100		
85	65.7	50.6	75.8
127	8.0	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.765 ug/l

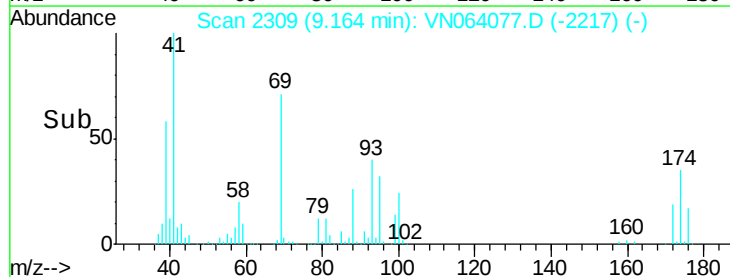
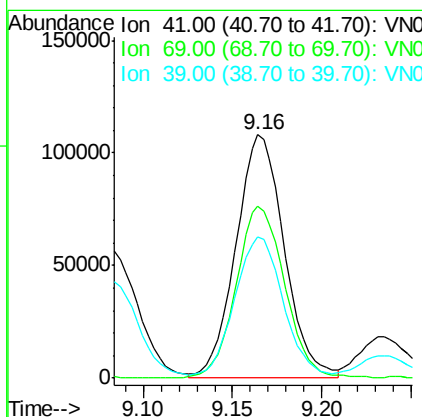
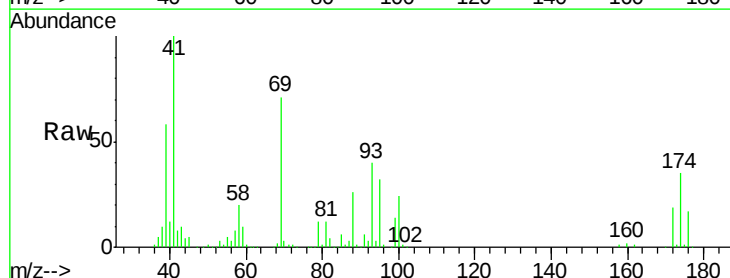
RT: 9.16 min Scan# 2309

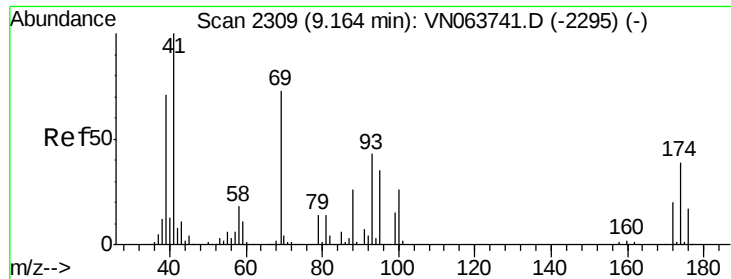
Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion:	41	Resp:	203535
Ion Ratio	Lower	Upper	
41	100		
69	71.3	60.9	91.3
39	58.7	57.5	86.3





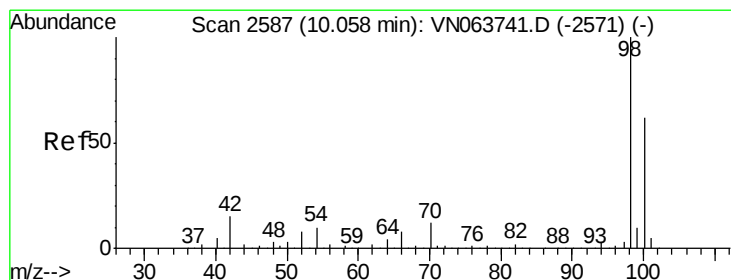
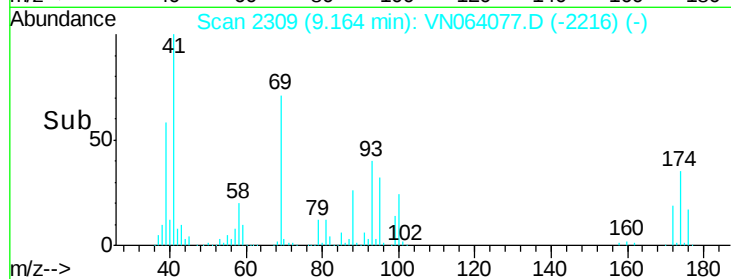
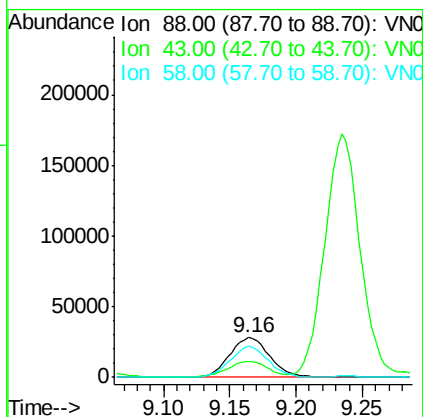
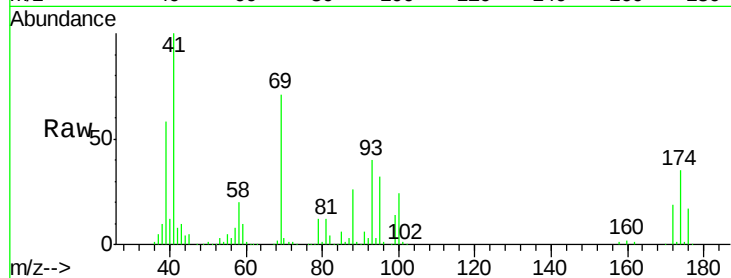
#49
1,4-Dioxane
Concen: 1194.879 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	33.1	49.7
58	73.2	58.9	88.3

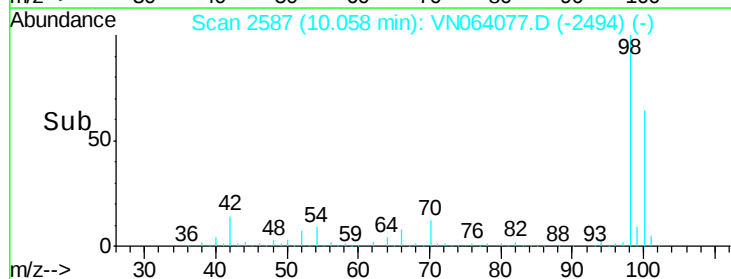
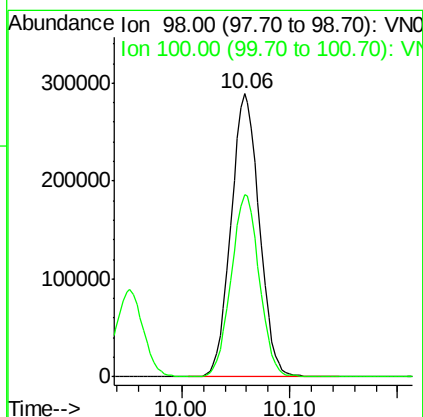
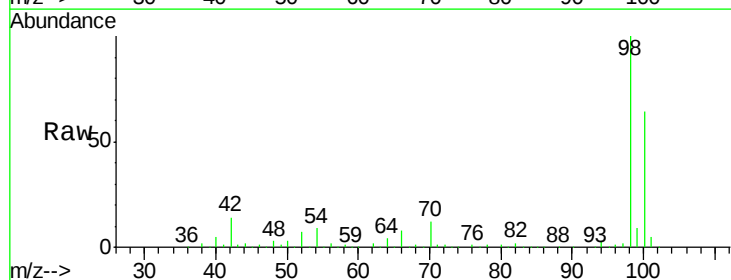
Manual Integrations
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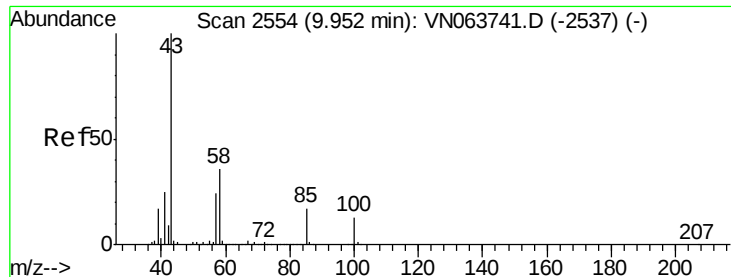
MMDadoda
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#50
Toluene-d8
Concen: 46.957 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	49.8	74.6





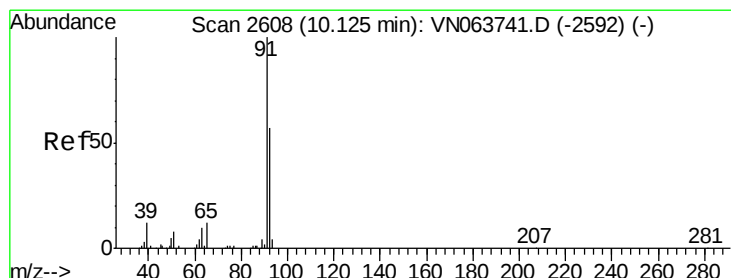
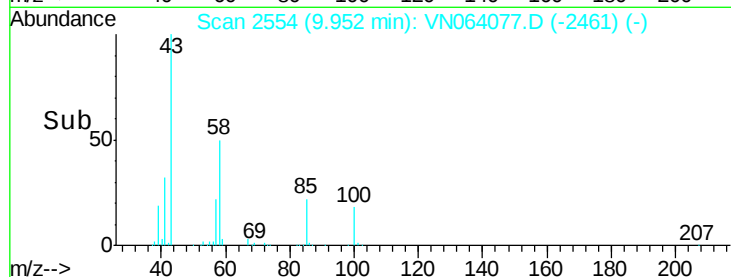
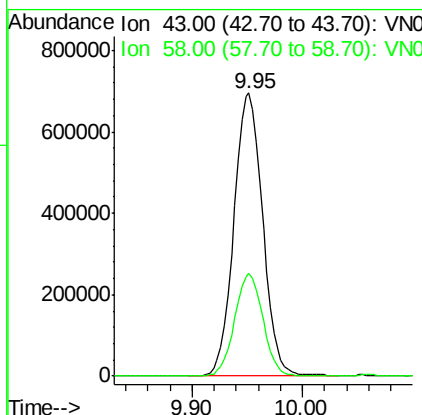
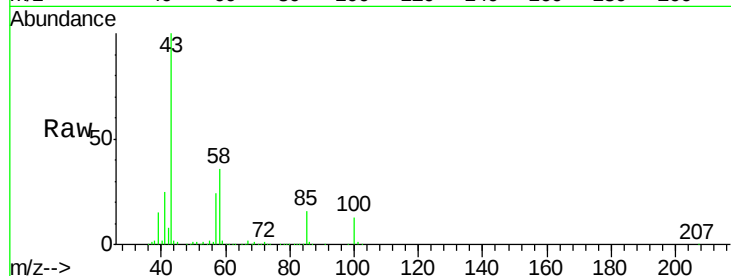
#51
4-Methyl-2-Pentanone
Concen: 299.409 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1253093
Ion Ratio Lower Upper
43 100
58 35.7 28.4 42.6

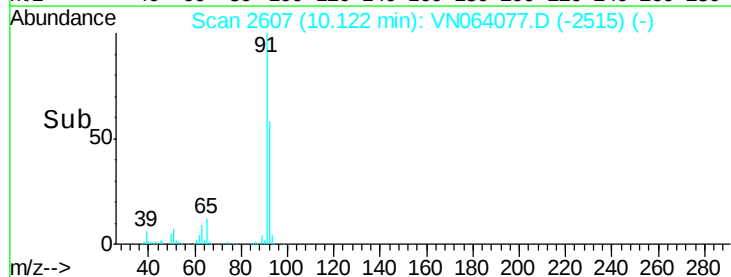
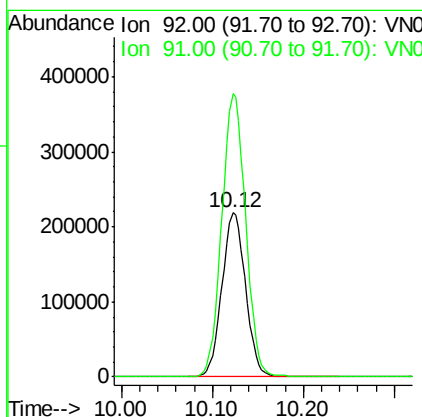
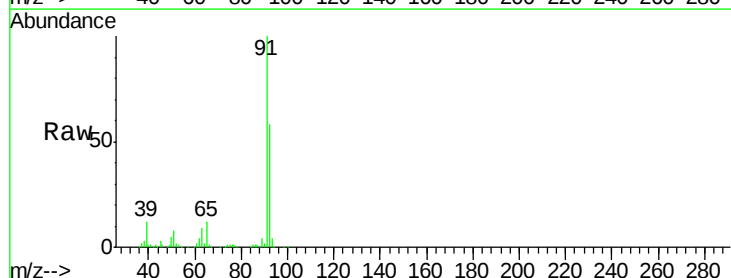
Manual Integrations
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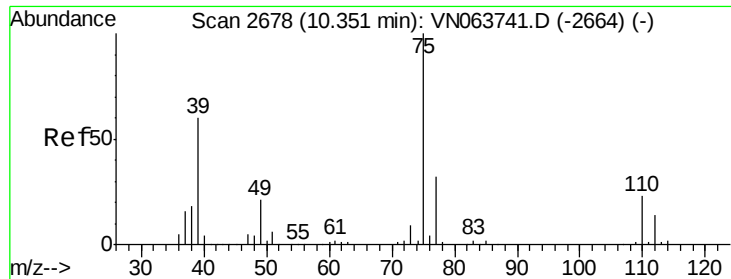
MMDadoda
10/13/2020 4:09:44 PM



#52
Toluene
Concen: 51.260 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 92 Resp: 394111
Ion Ratio Lower Upper
92 100
91 174.4 140.6 210.8





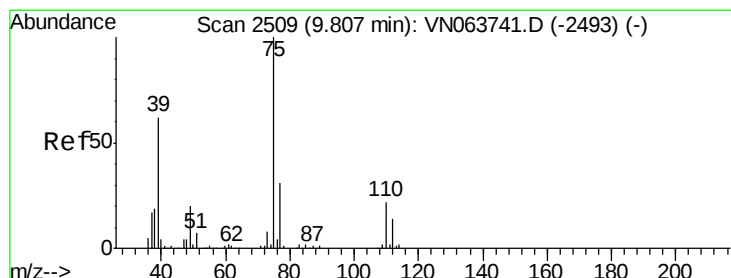
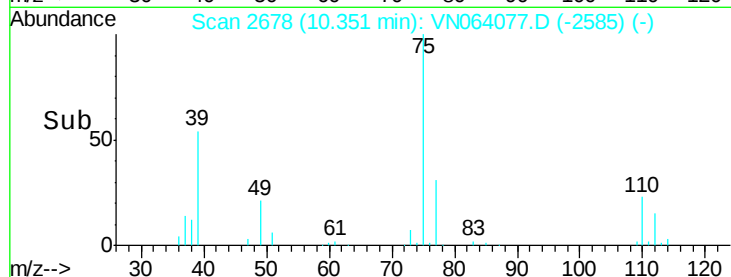
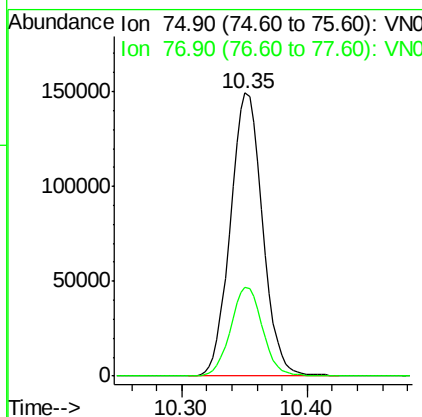
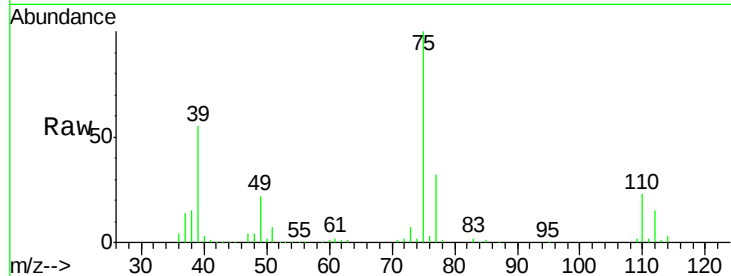
#53
t-1,3-Dichloropropene
Concen: 52.006 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 266070
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

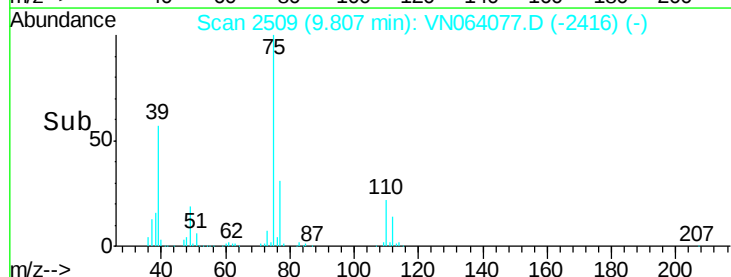
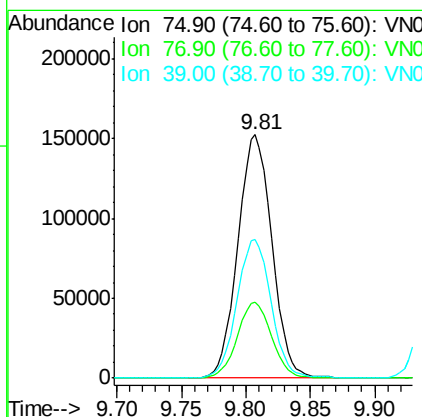
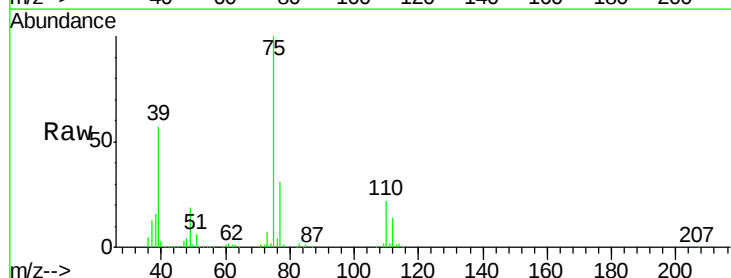
Manual Integrations
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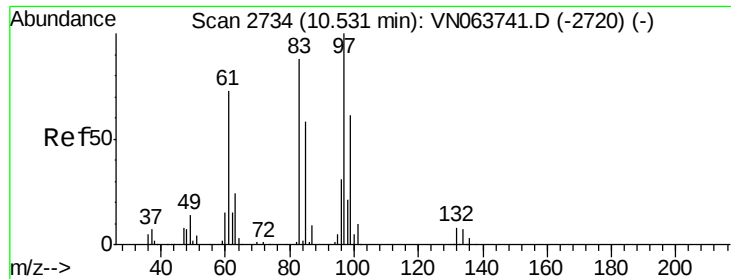
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#54
cis-1,3-Dichloropropene
Concen: 52.544 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 75 Resp: 281140
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 57.1 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 52.165 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

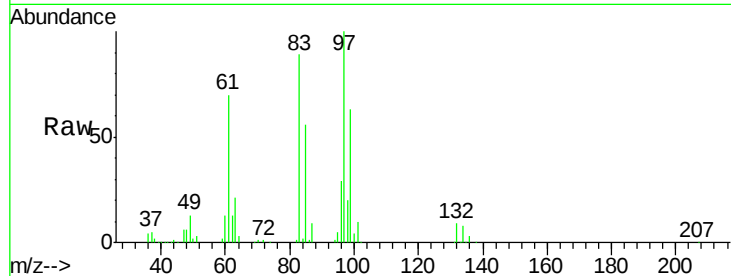
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	160843
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.7	106.1
85	55.5	46.1	69.1
99	63.0	48.8	73.2

Manual Integrations
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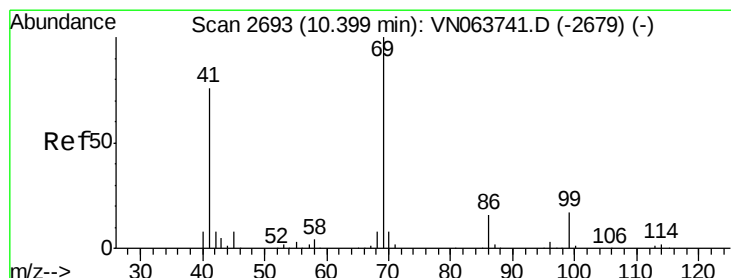
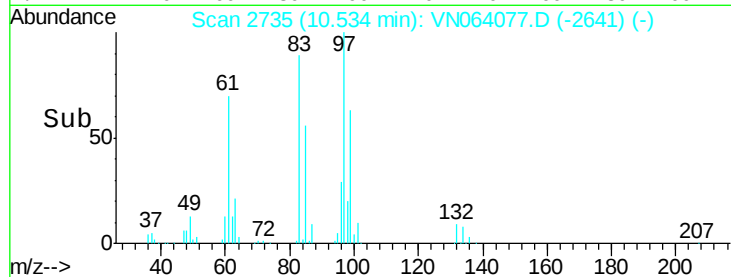
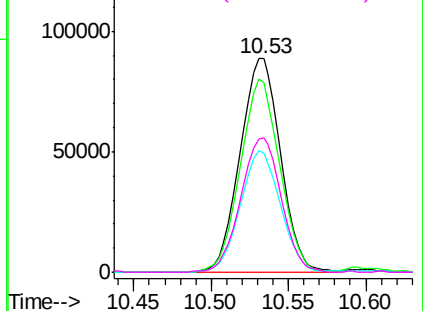


Abundance Ion 96.90 (96.60 to 97.60): VN064077.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN064077.D (-2641) (-)

Ion 84.90 (84.60 to 85.60): VN064077.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN064077.D (-2641) (-)



#56

Ethyl methacrylate

Concen: 55.820 ug/l

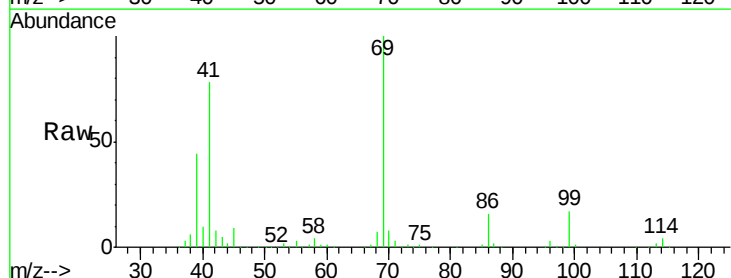
RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

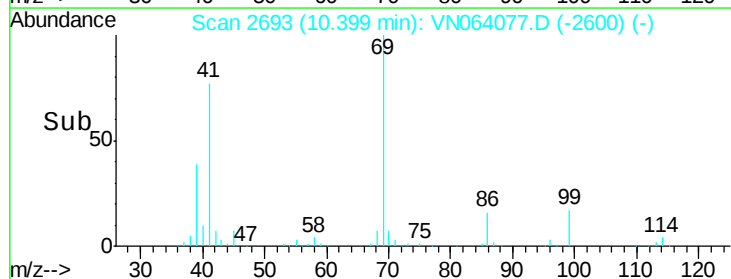
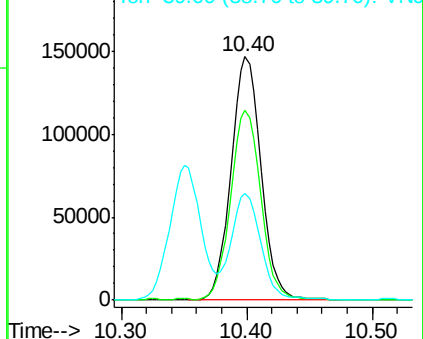
Tgt Ion:	69	Resp:	243962
Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.1	91.7
39	43.3	42.2	63.4

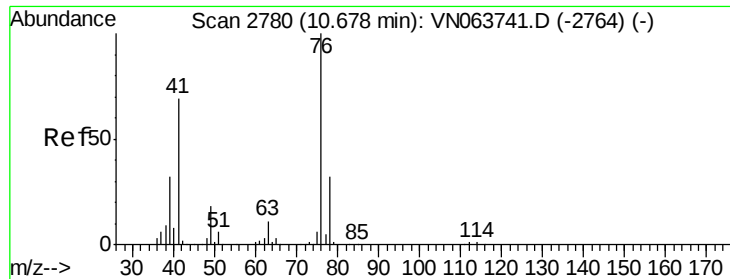


Abundance Ion 69.00 (68.70 to 69.70): VN064077.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064077.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064077.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 52.243 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 272527

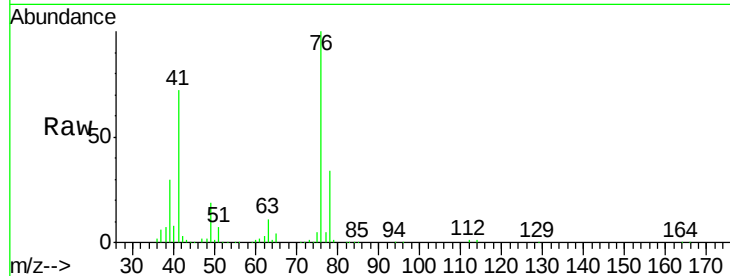
Ion Ratio Lower Upper

76 100

78 33.4 25.2 37.8

Manual Integrations
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10/13/2020 4:09:44 PM



Abundance Ion 75.90 (75.60 to 76.60): VN064077.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN064077.D (-2764) (-)

10.68

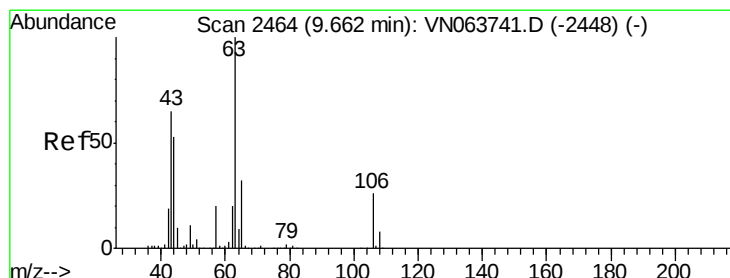
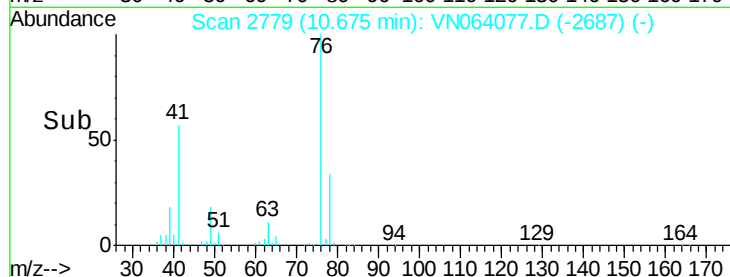
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 284.083 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064077.D

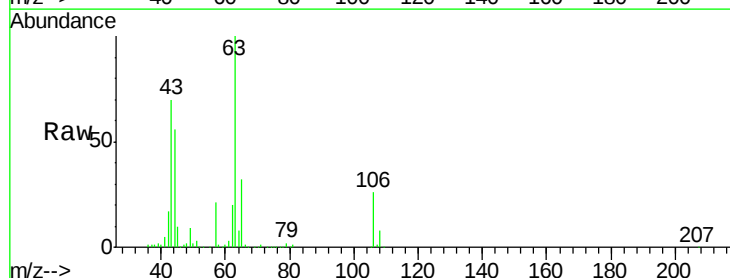
Acq: 12 Oct 2020 14:44

Tgt Ion: 63 Resp: 664139

Ion Ratio Lower Upper

63 100

106 25.3 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN064077.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064077.D (-2371) (-)

9.66

400000

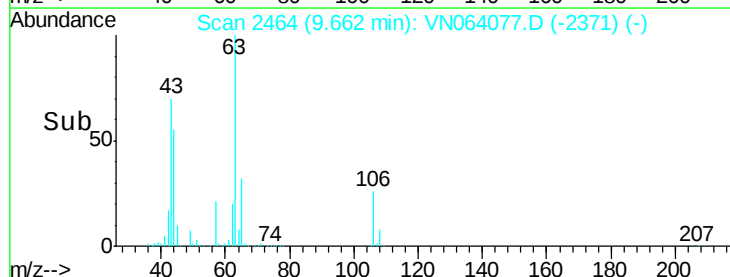
300000

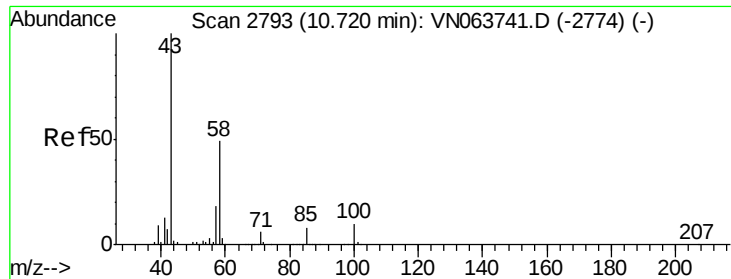
200000

100000

0

Time-->





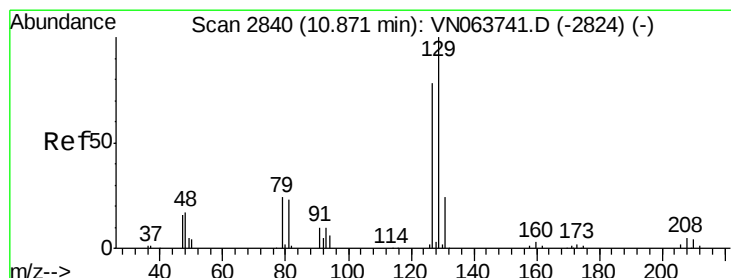
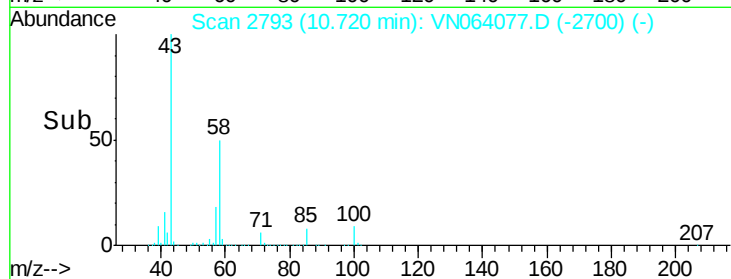
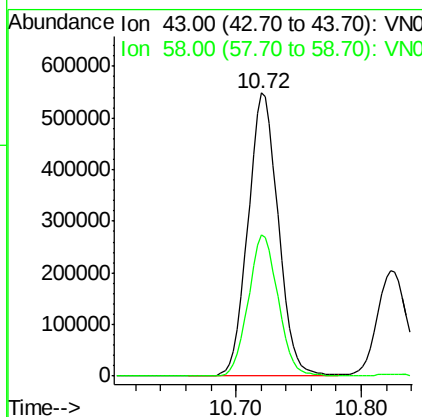
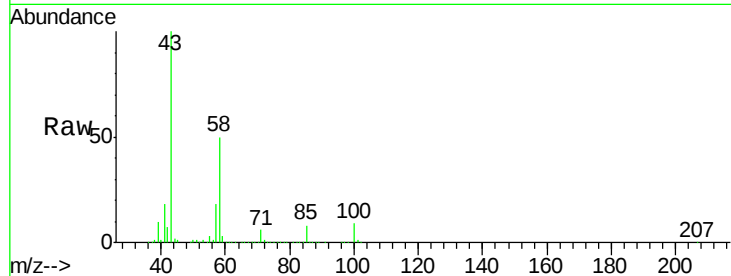
#59
2-Hexanone
Concen: 296.067 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	920485
Ion Ratio	100	Lower	Upper
43	100		
58	49.4	24.6	73.8

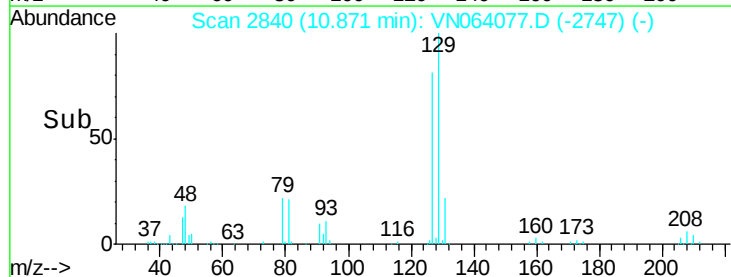
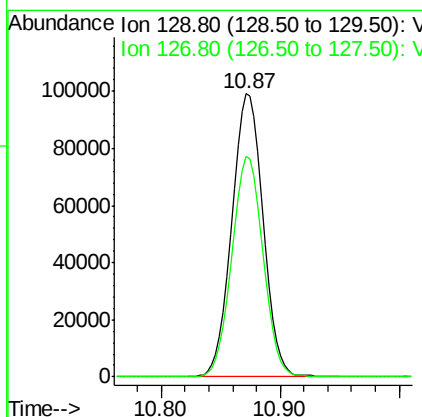
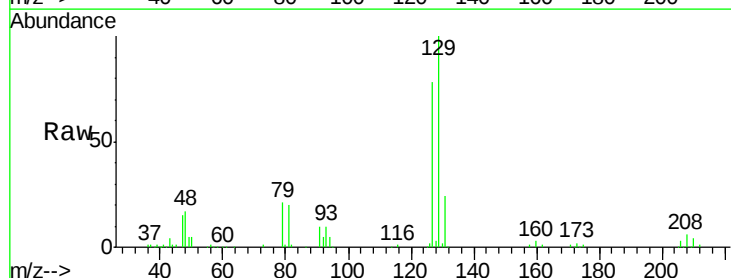
Manual Integrations
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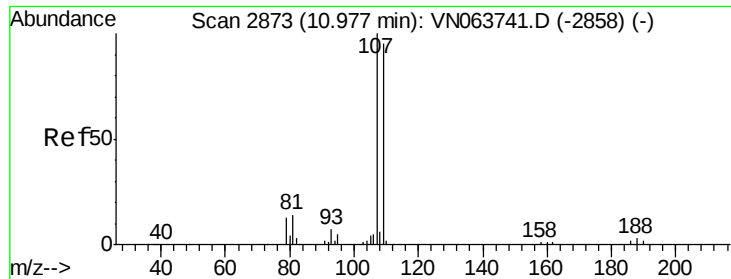
MMDadoda
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#60
Dibromochloromethane
Concen: 50.435 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	129	Resp	181103
Ion Ratio	100	Lower	Upper
129	100		
127	77.7	38.9	116.7





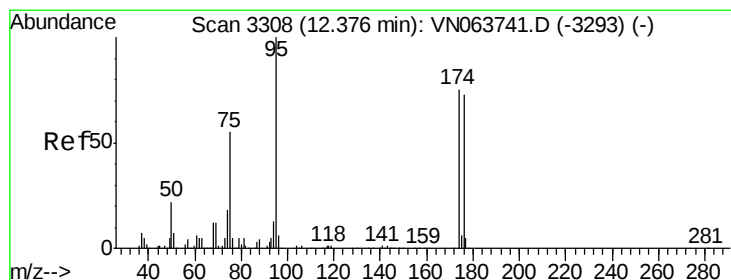
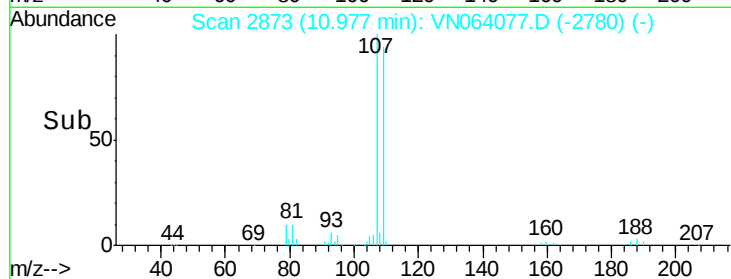
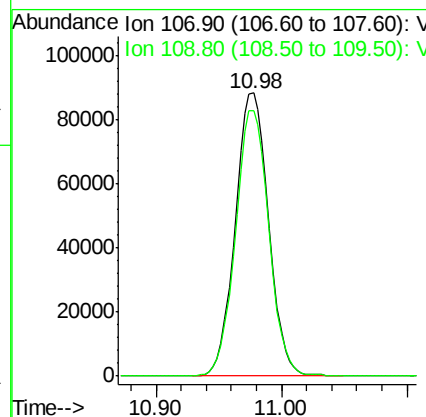
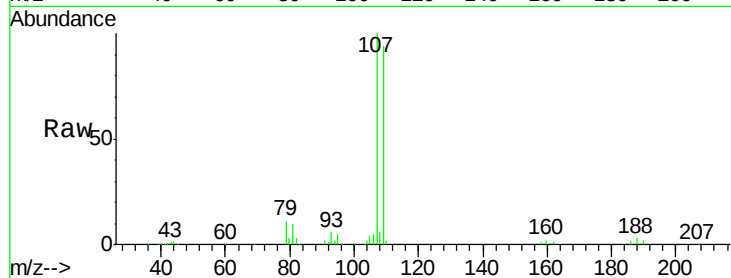
#61
 1,2-Dibromoethane
 Concen: 51.500 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.8	112.2

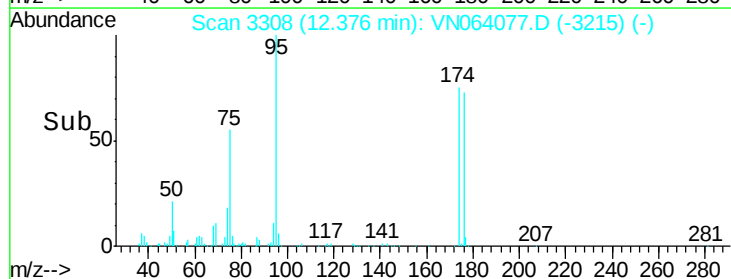
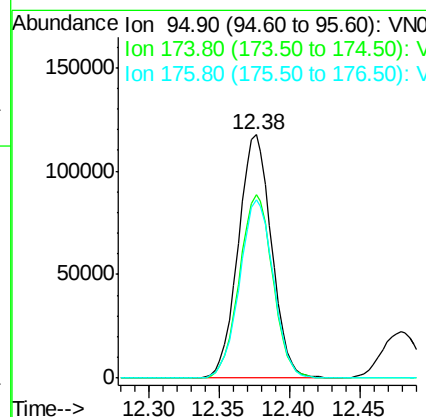
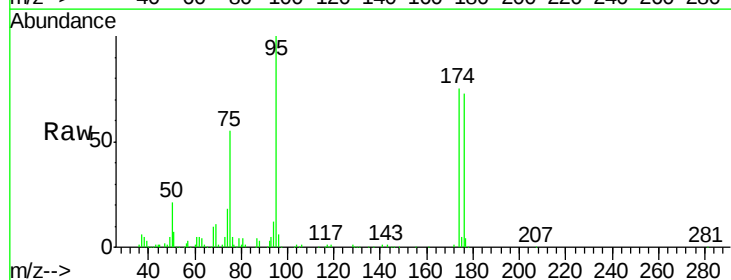
Manual Integrations
 APPROVED

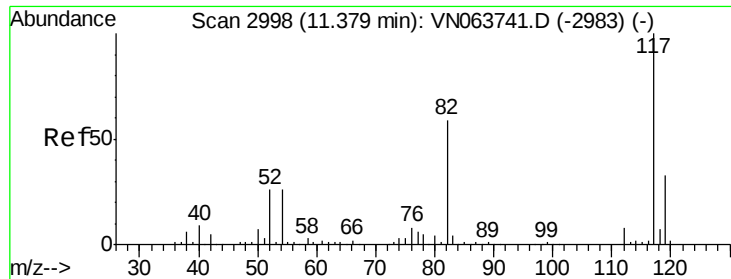
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 45.848 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.6
176	74.1	0.0	145.4





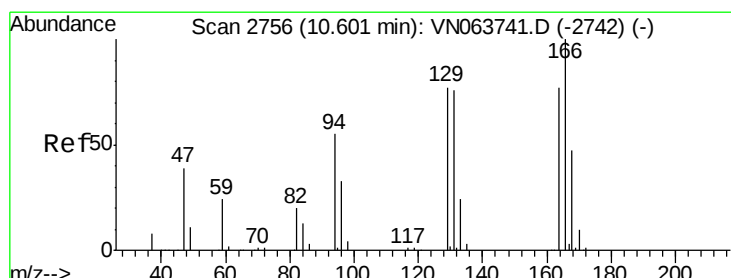
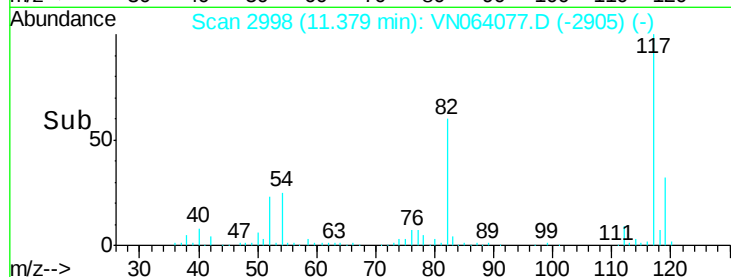
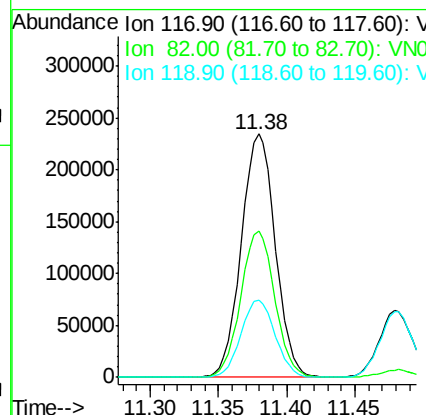
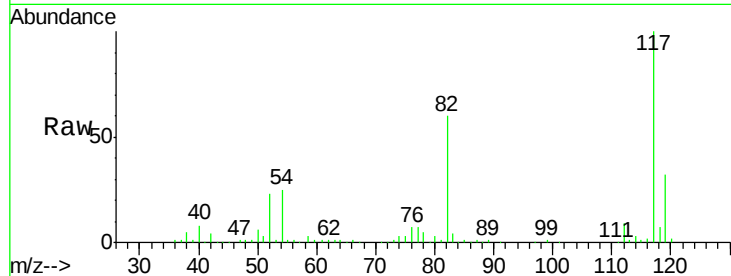
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.4	71.2
119	31.7	26.4	39.6

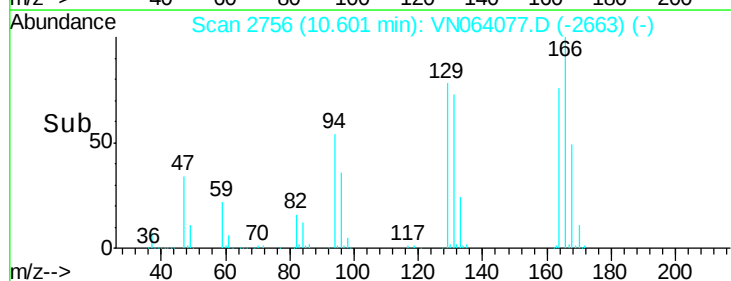
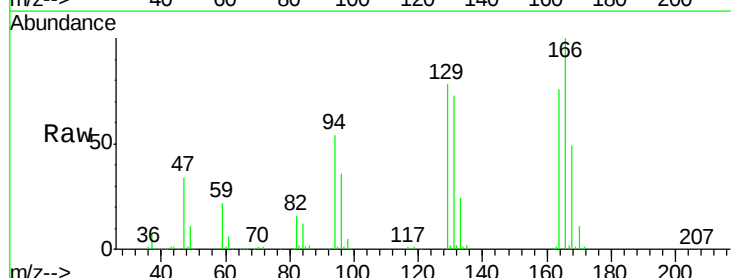
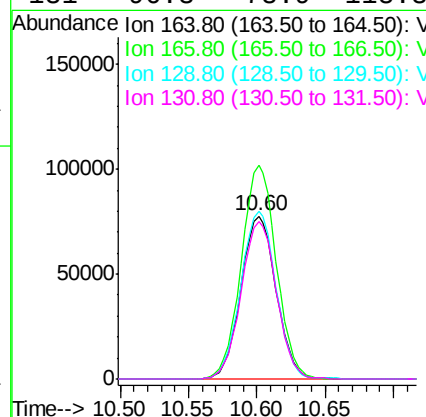
Manual Integrations
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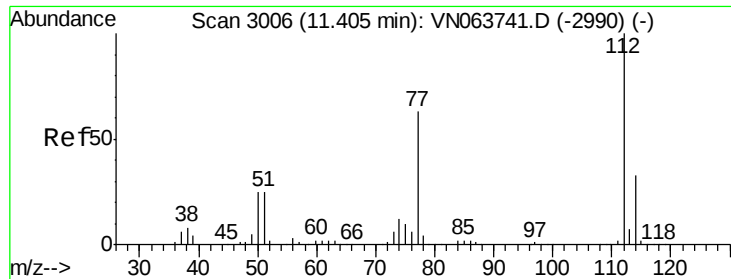
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#64
Tetrachloroethene
Concen: 44.334 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	103.9	155.9
129	102.8	80.3	120.5
131	96.3	78.9	118.3





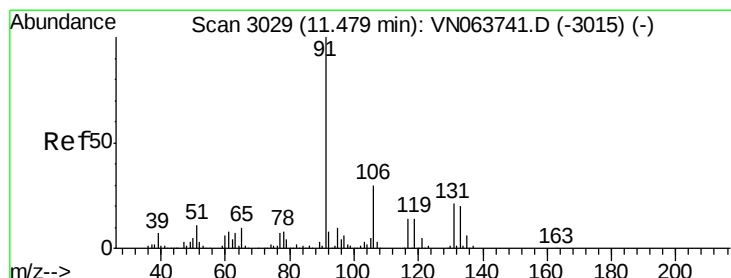
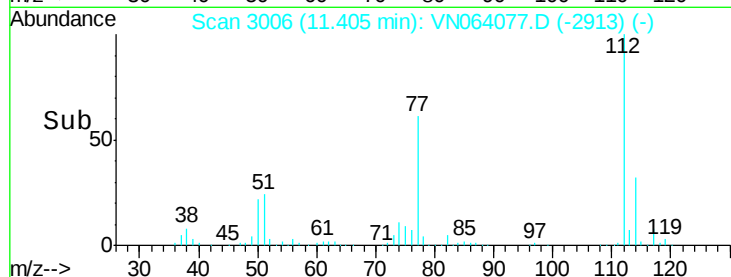
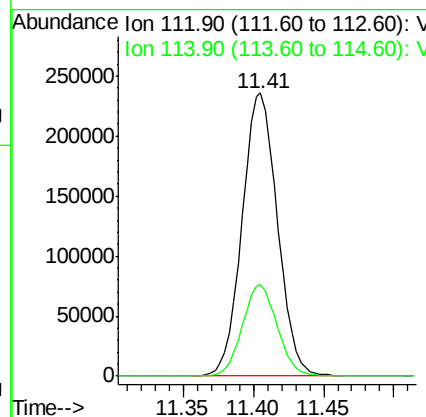
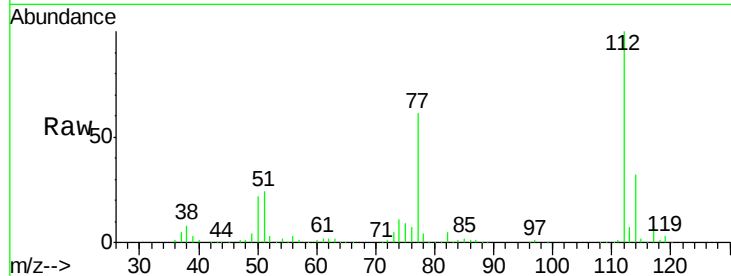
#65
Chlorobenzene
Concen: 49.596 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 413844
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

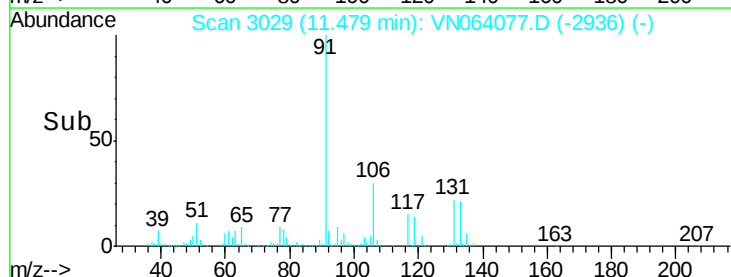
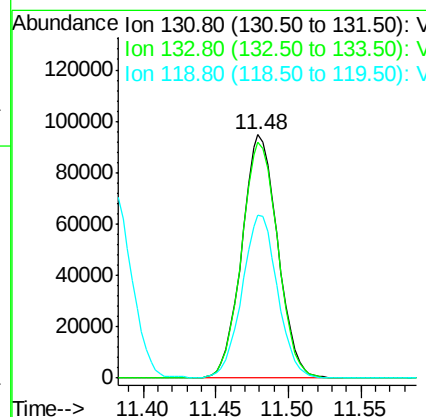
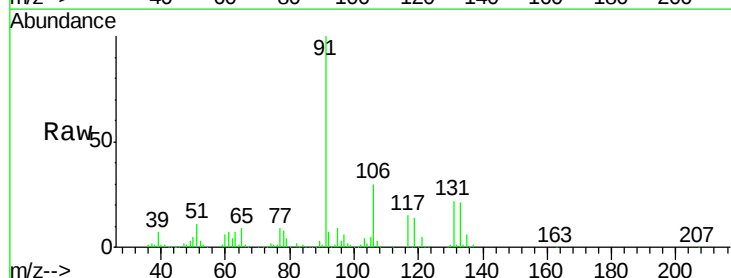
Manual Integrations
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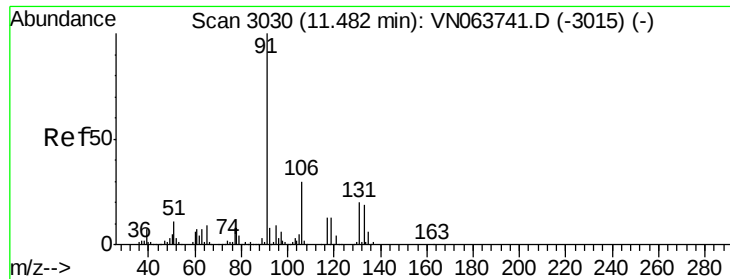
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.824 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion:131 Resp: 162586
Ion Ratio Lower Upper
131 100
133 98.0 47.3 141.8
119 66.3 32.6 97.7





#67

Ethyl Benzene

Concen: 50.674 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 769420

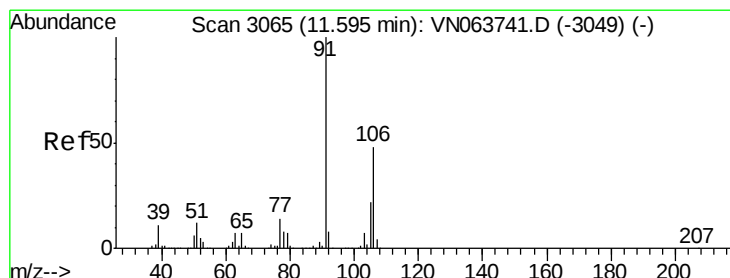
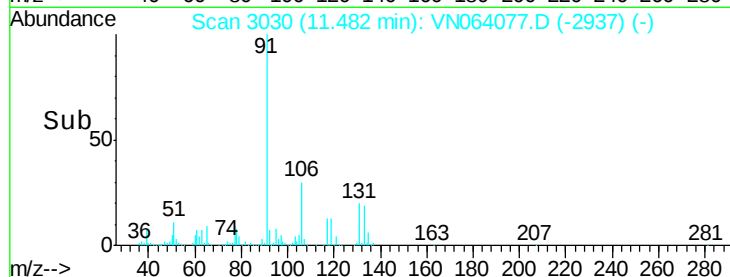
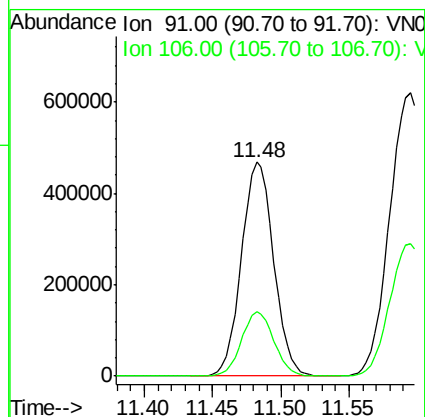
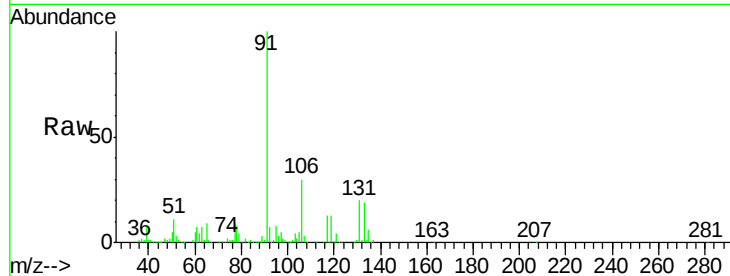
Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 99.611 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064077.D

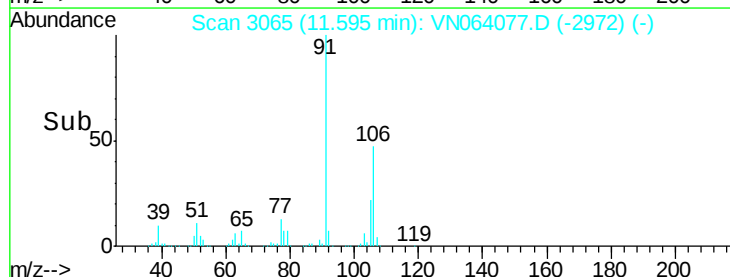
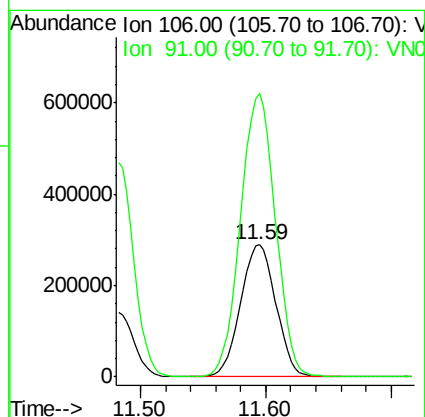
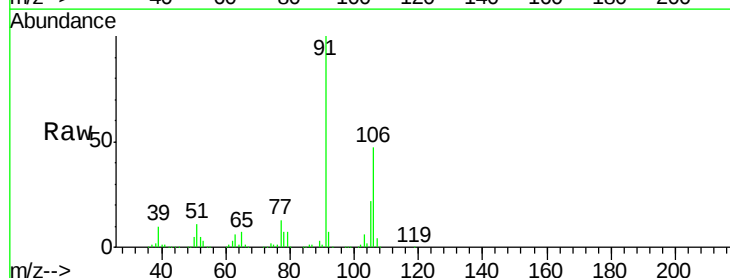
Acq: 12 Oct 2020 14:44

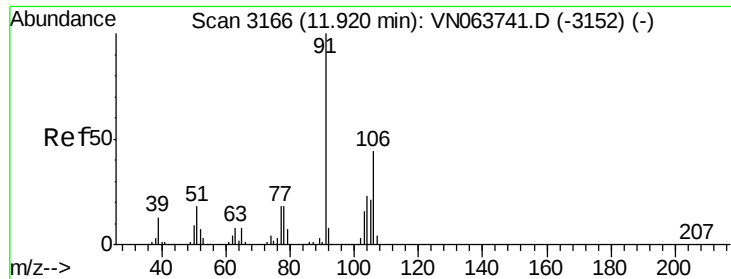
Tgt Ion: 106 Resp: 563692

Ion Ratio Lower Upper

106 100

91 213.1 168.0 252.0





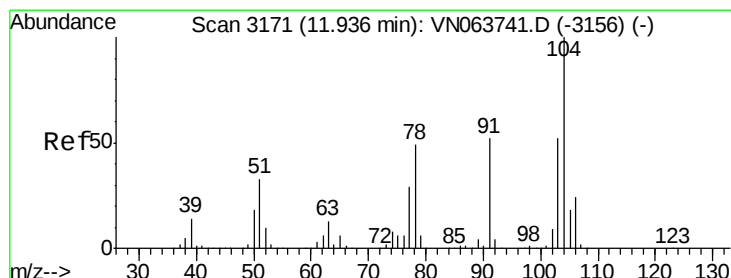
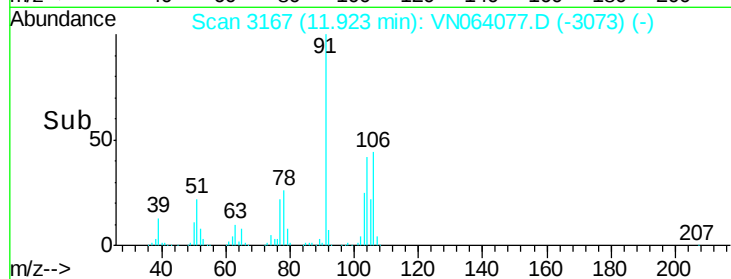
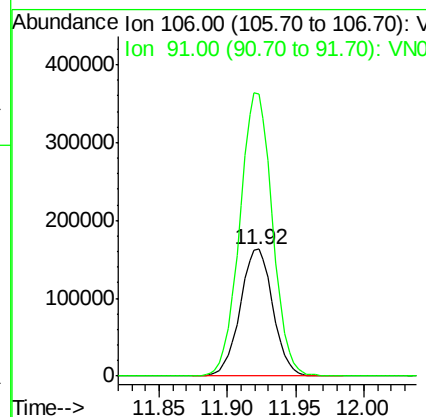
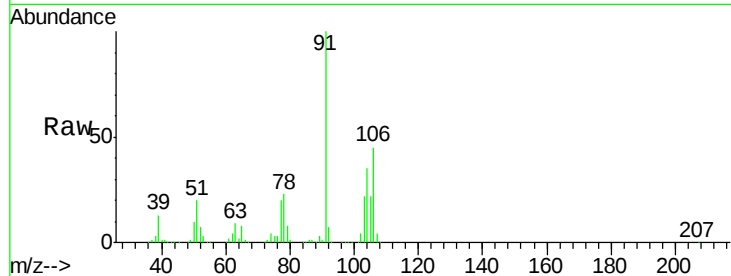
#69
o-Xylene
Concen: 51.327 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 271477
Ion Ratio Lower Upper
106 100
91 222.4 112.7 338.0

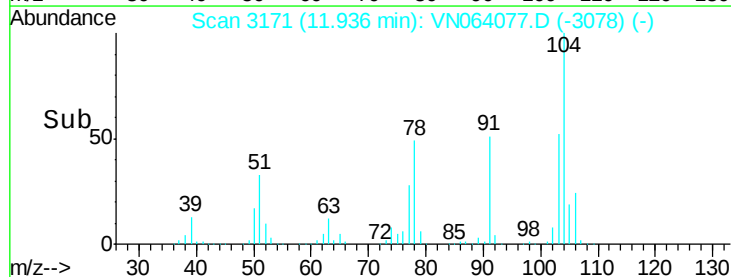
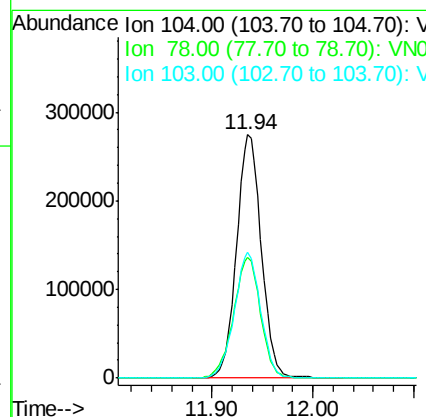
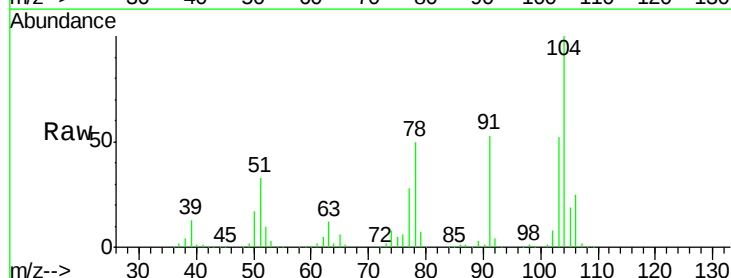
Manual Integrations
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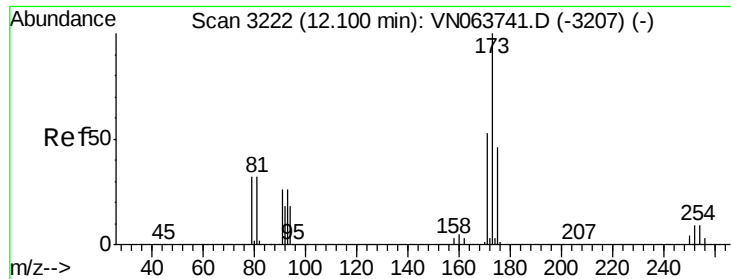
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#70
Styrene
Concen: 52.283 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion:104 Resp: 469414
Ion Ratio Lower Upper
104 100
78 54.3 44.1 66.1
103 54.8 44.3 66.5





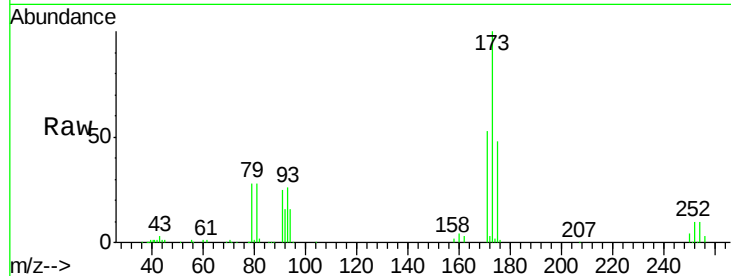
#71
Bromoform
Concen: 51.384 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

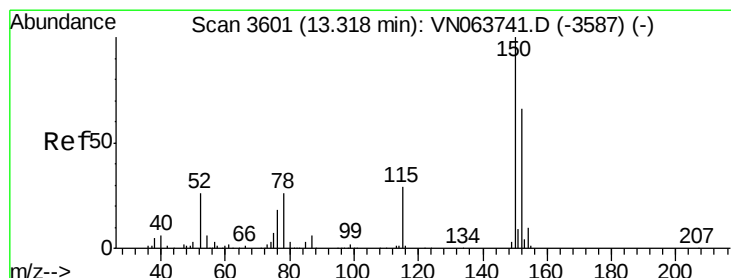
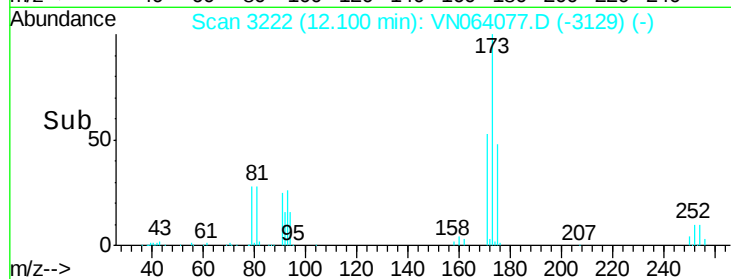
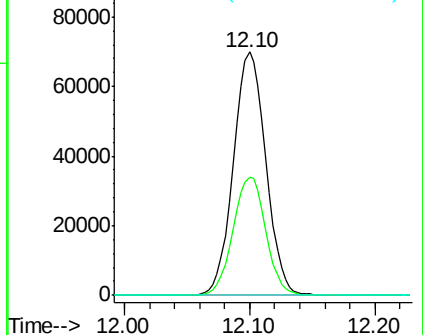
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.5	70.5
254	0.0	0.0	0.0#

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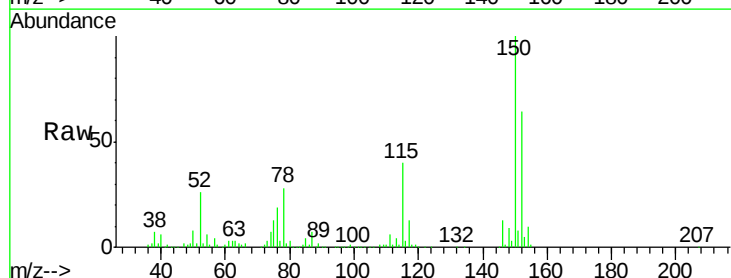


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

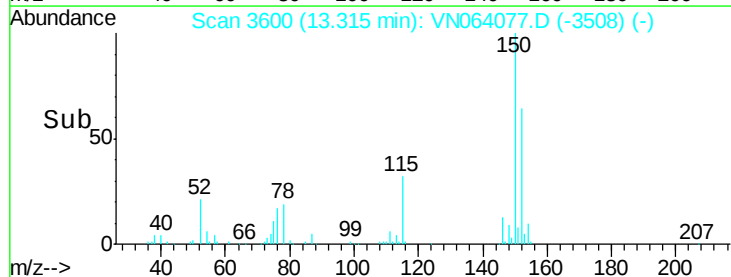
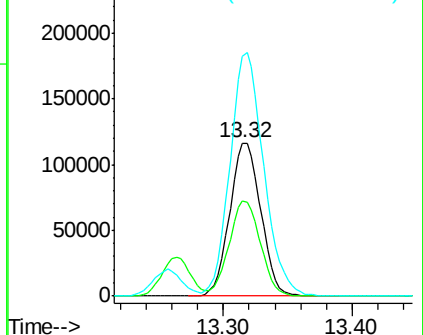


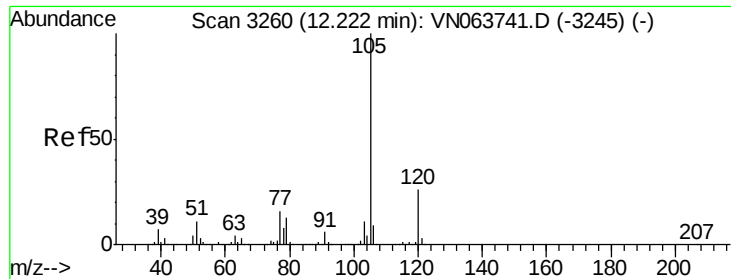
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.3	93.8
150	172.0	0.0	341.8



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





#73

Isopropylbenzene

Concen: 51.405 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 728909

Ion Ratio Lower Upper

105 100

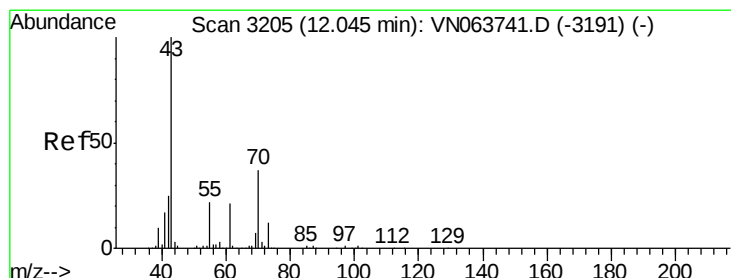
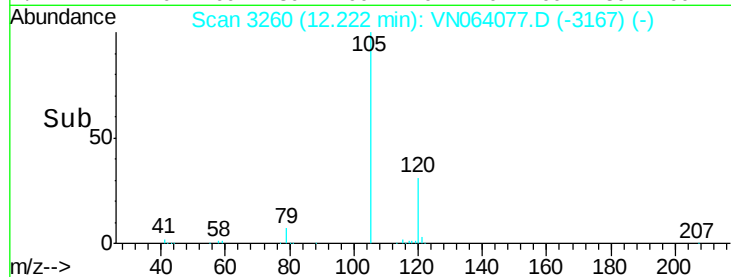
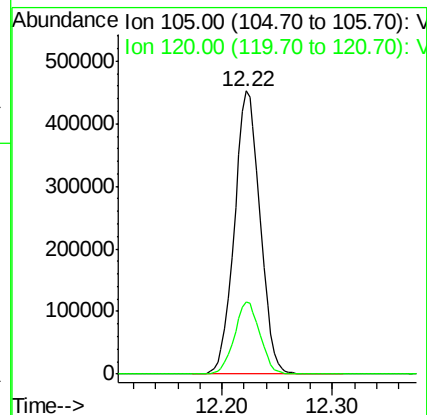
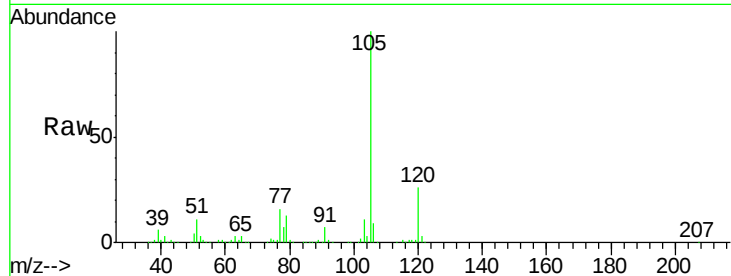
120 25.4 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.433 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion: 43 Resp: 346305

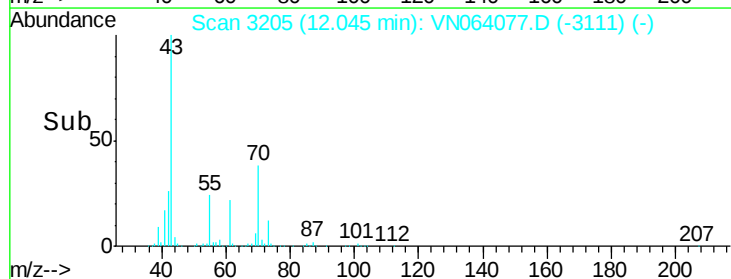
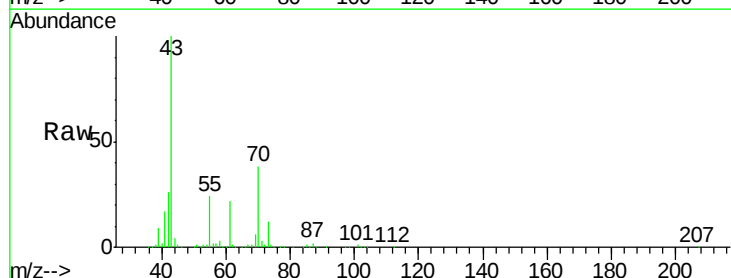
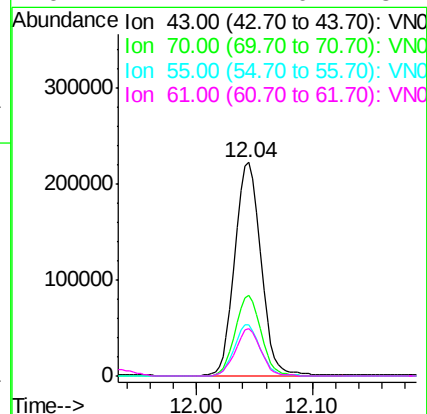
Ion Ratio Lower Upper

43 100

70 37.2 29.8 44.8

55 23.9 17.9 26.9

61 21.4 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.273 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 235332

Ion Ratio Lower Upper

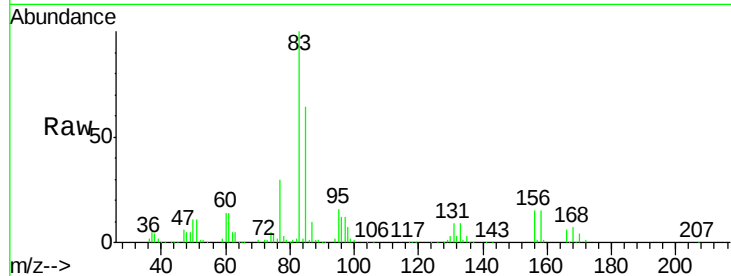
83 100

131 9.7 5.3 15.8

85 63.5 31.3 93.8

Manual Integrations
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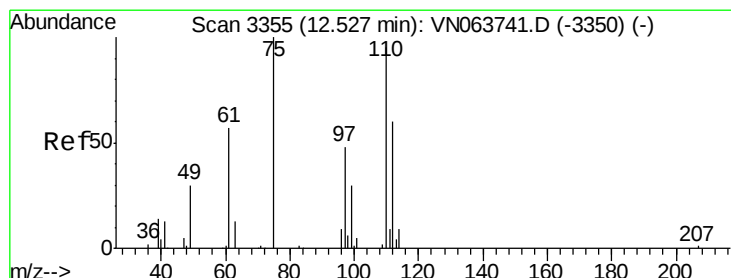
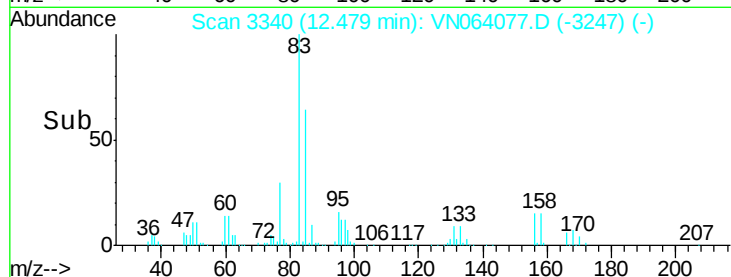
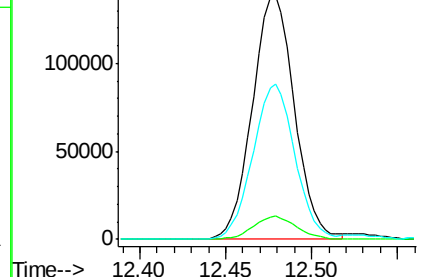
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Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 51.133 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064077.D

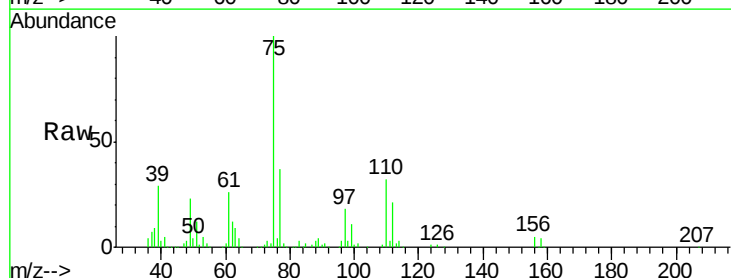
Acq: 12 Oct 2020 14:44

Tgt Ion: 75 Resp: 219131

Ion Ratio Lower Upper

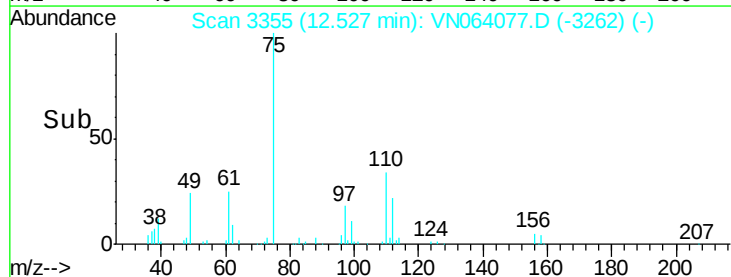
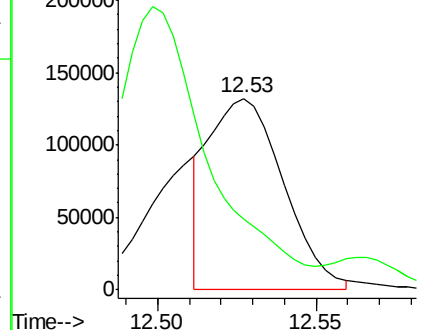
75 100

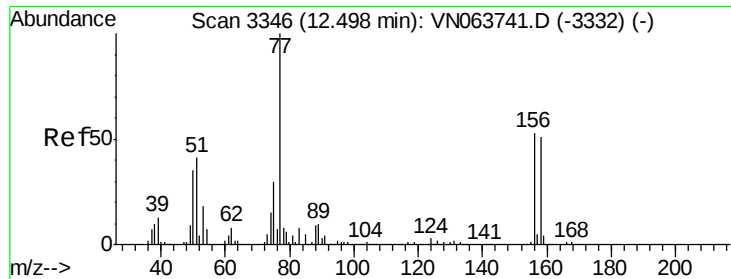
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 51.157 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 177994

Ion Ratio Lower Upper

156 100

77 227.9 110.9 332.7

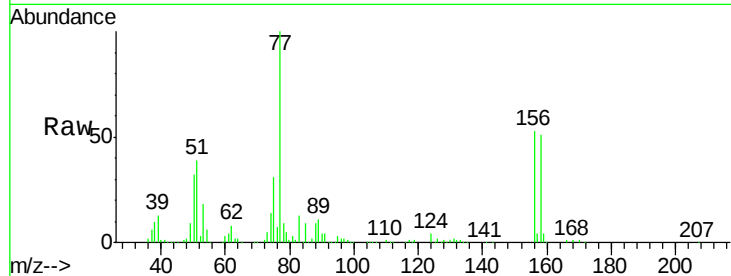
158 97.3 47.7 143.1

Manual Integrations

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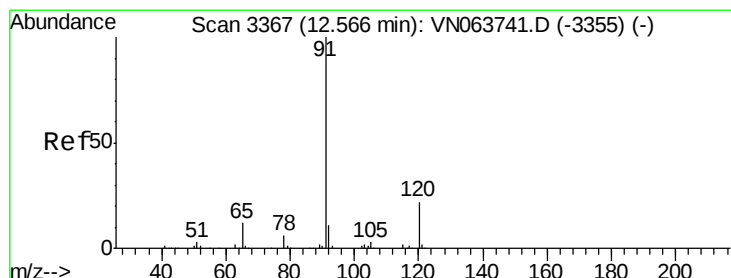
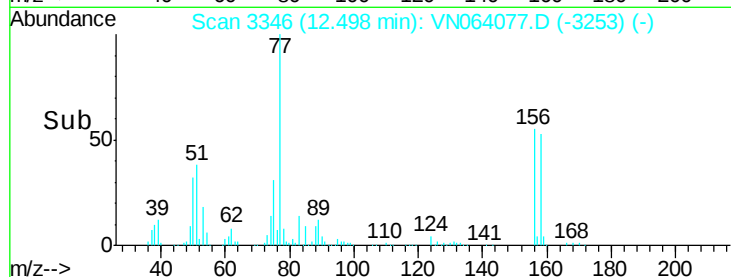
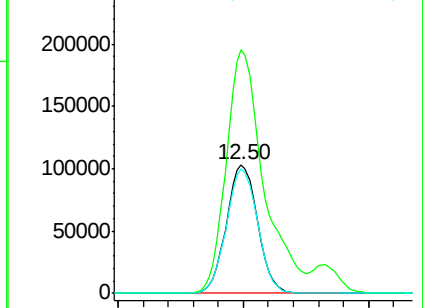
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.209 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064077.D

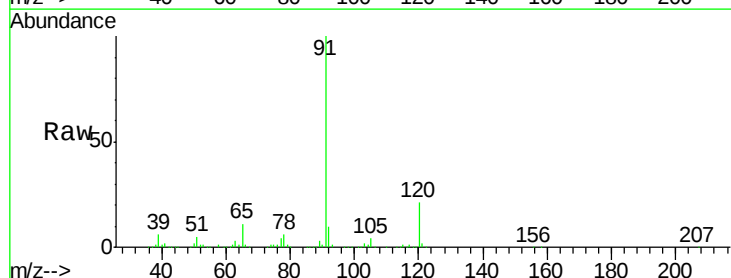
Acq: 12 Oct 2020 14:44

Tgt Ion: 91 Resp: 845085

Ion Ratio Lower Upper

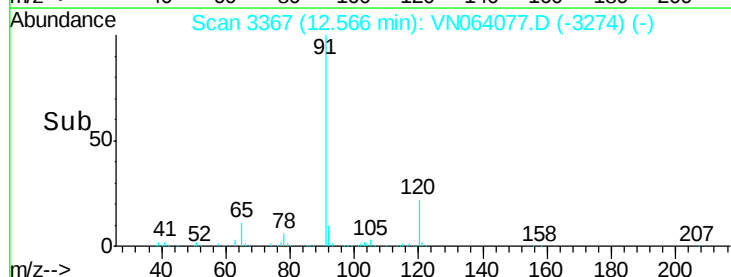
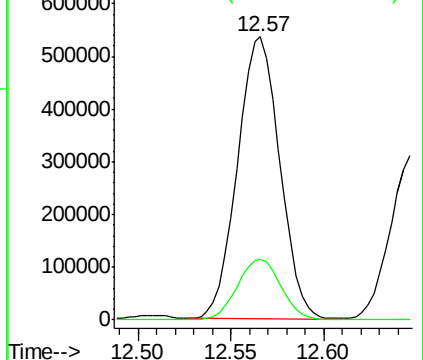
91 100

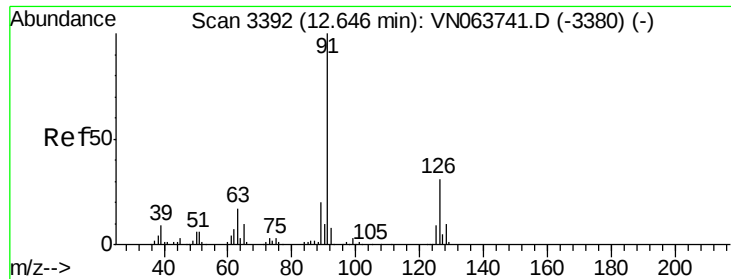
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.932 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 516922

Ion Ratio Lower Upper

91 100

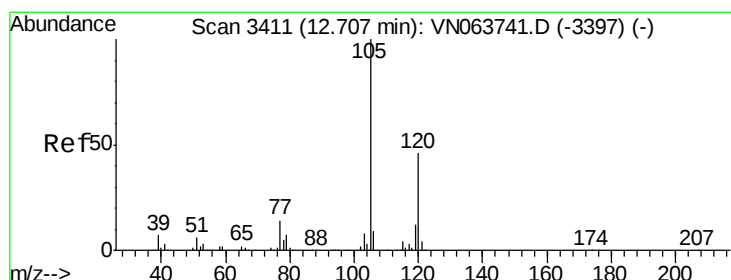
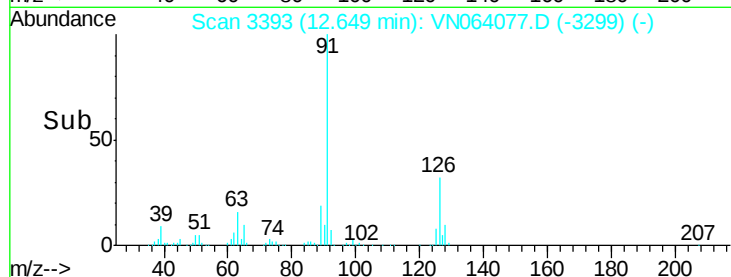
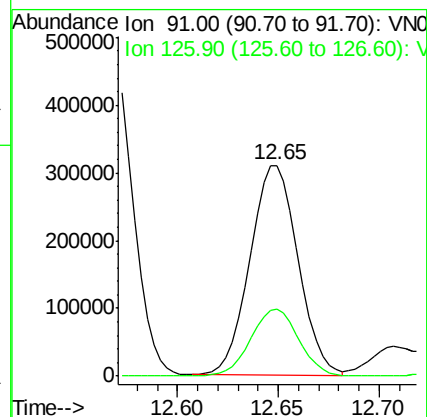
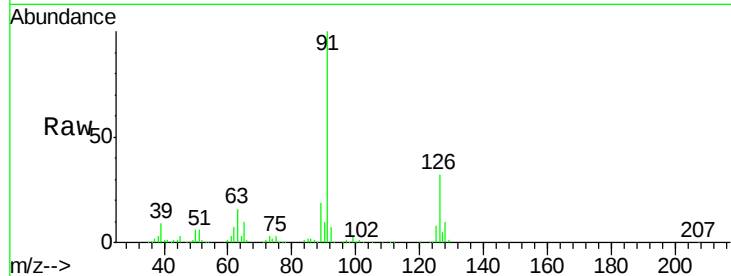
126 31.8 15.9 47.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.047 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064077.D

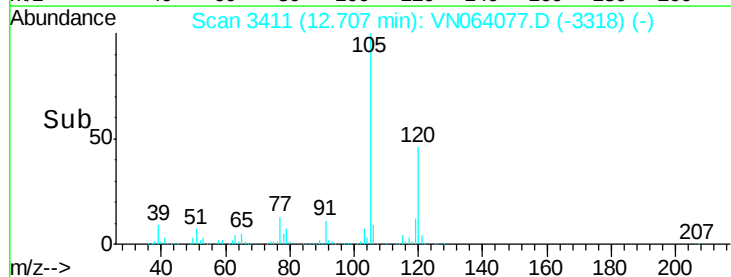
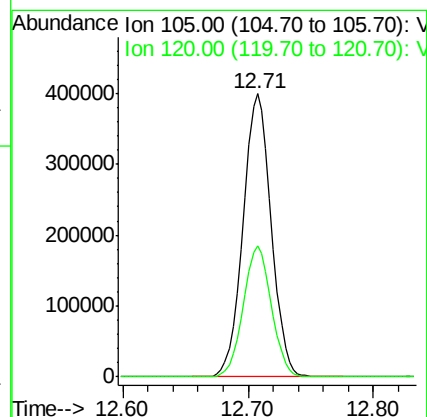
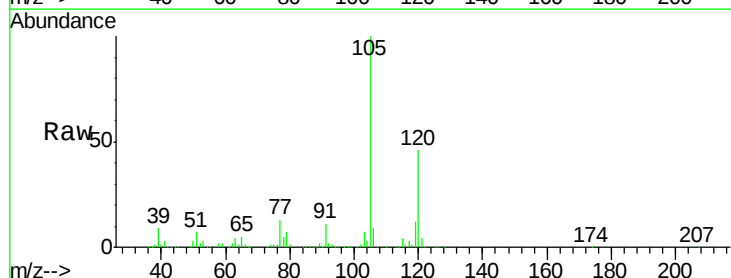
Acq: 12 Oct 2020 14:44

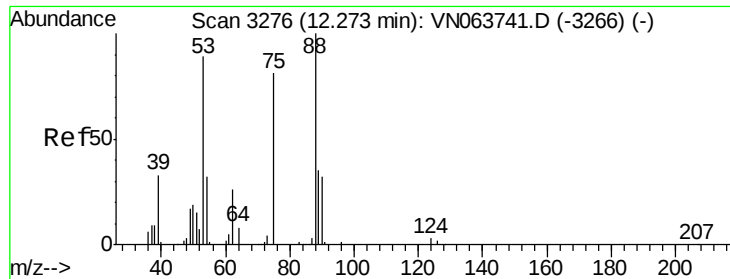
Tgt Ion: 105 Resp: 619160

Ion Ratio Lower Upper

105 100

120 46.4 23.3 69.9





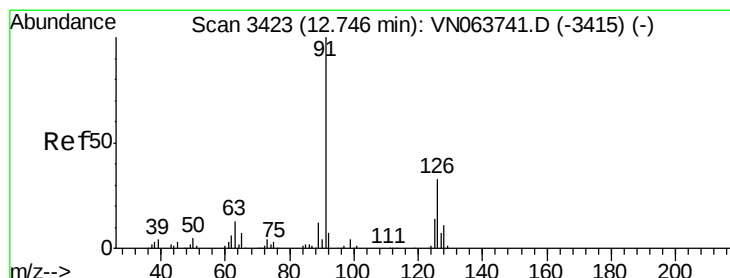
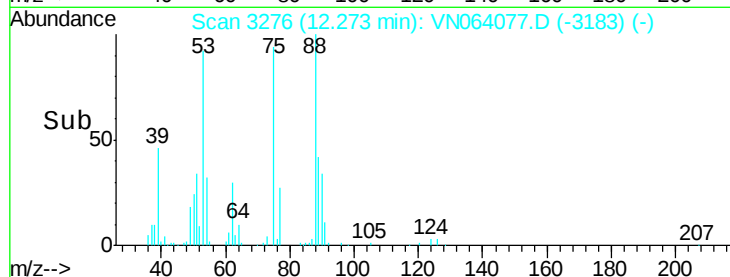
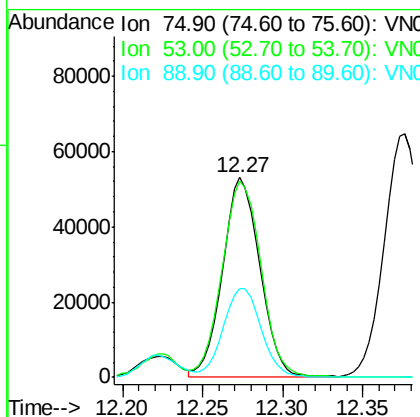
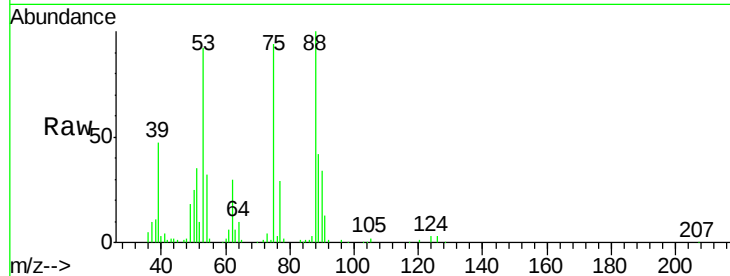
#81
trans-1,4-Dichloro-2-butene
Concen: 56.635 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	88.2	132.2
89	45.6	36.0	54.0

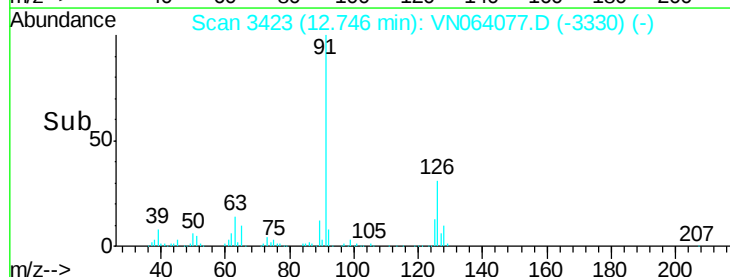
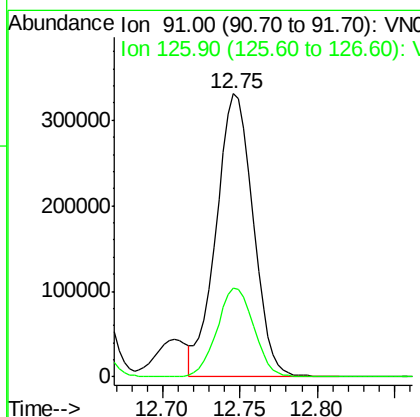
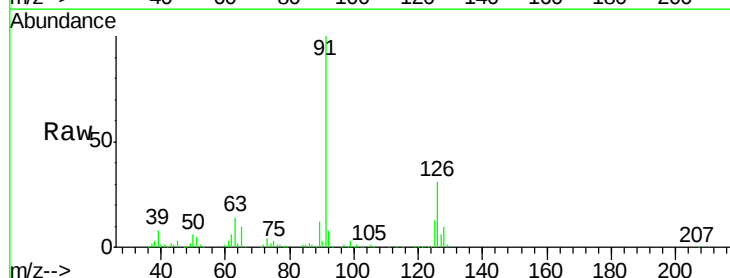
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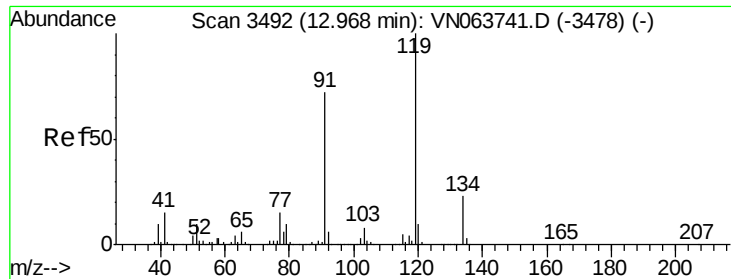
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#82
4-Chlorotoluene
Concen: 52.021 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





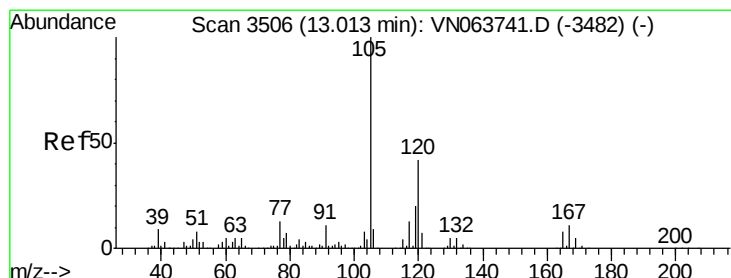
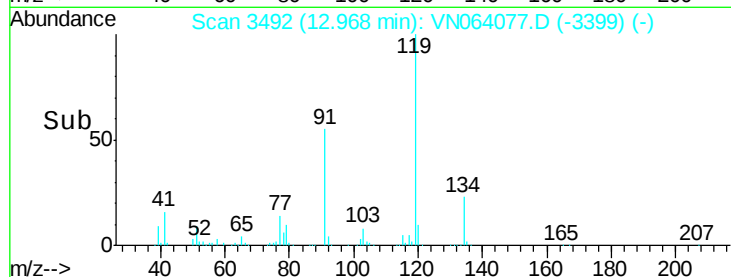
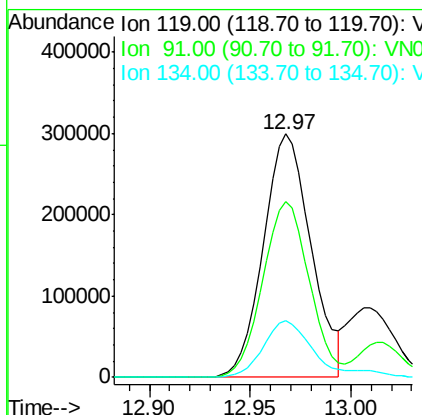
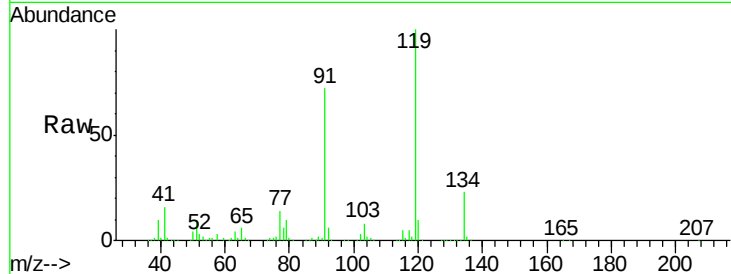
#83
 tert-Butylbenzene
 Concen: 50.639 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.6	35.5	106.5
134	25.2	11.7	35.1

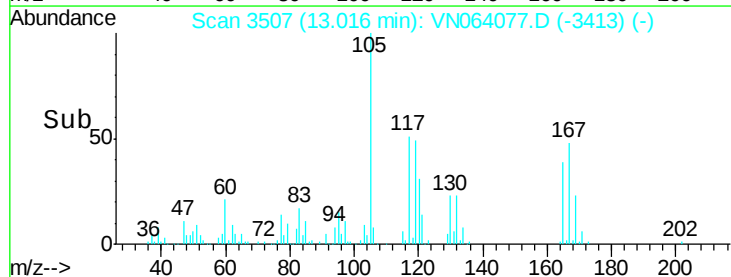
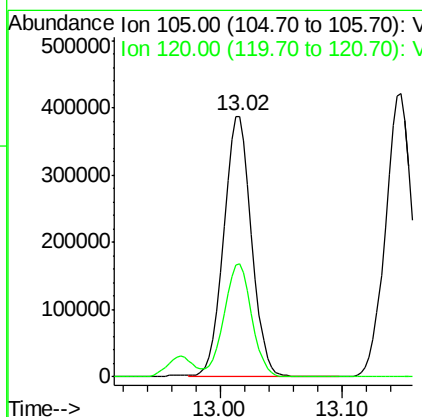
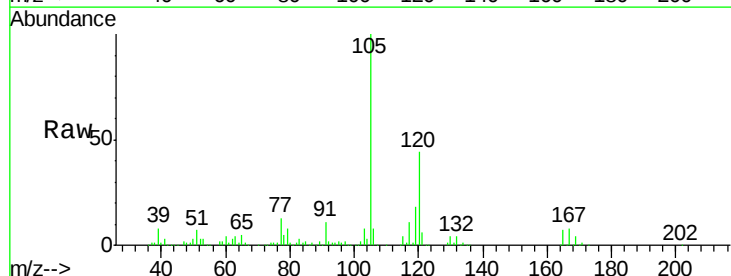
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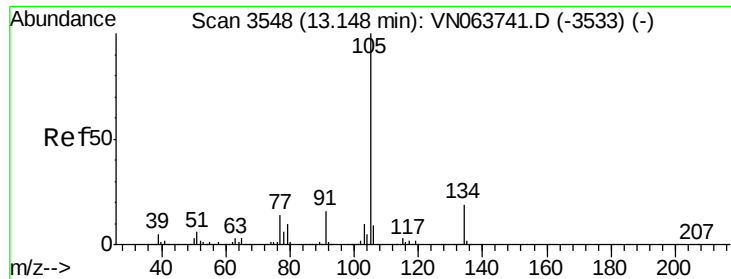
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.968 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	20.9	62.7





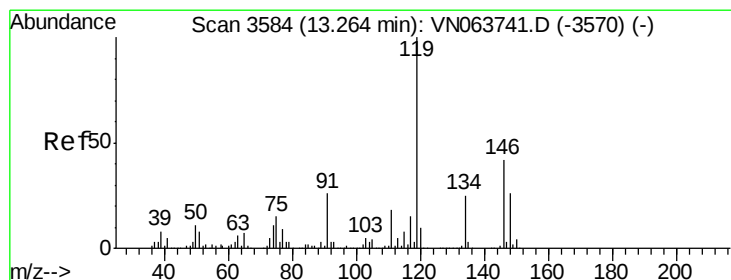
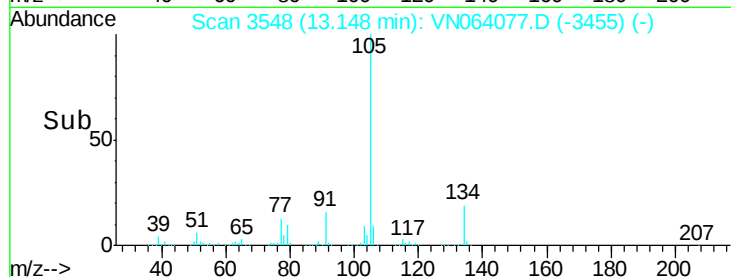
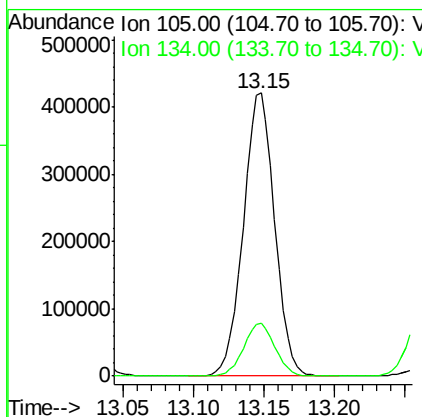
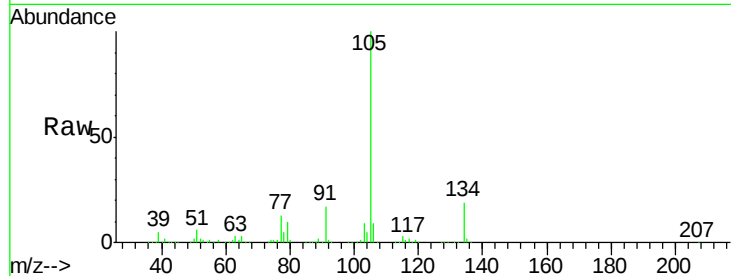
#85
 sec-Butylbenzene
 Concen: 51.006 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.5	28.5

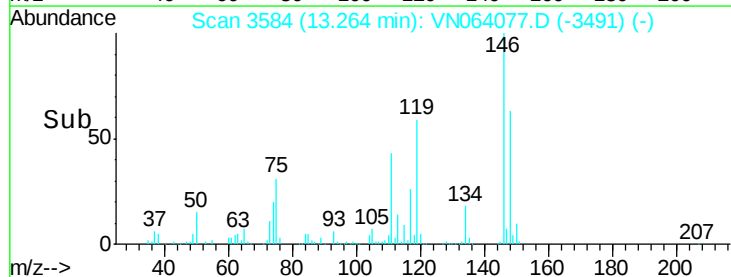
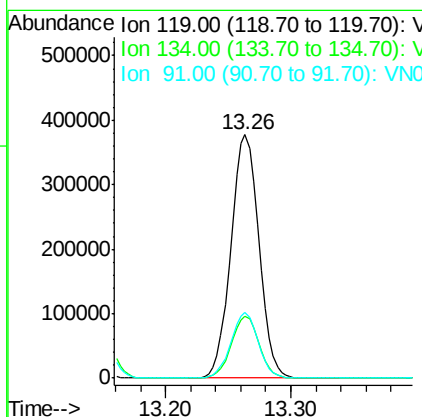
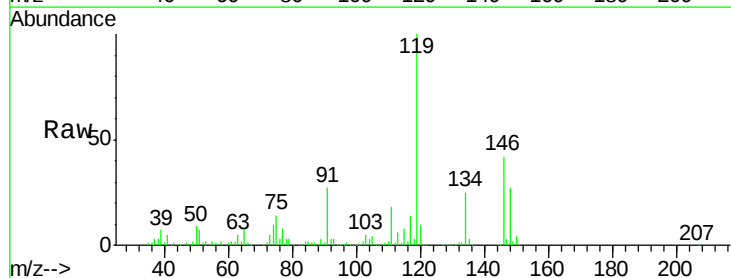
Manual Integrations
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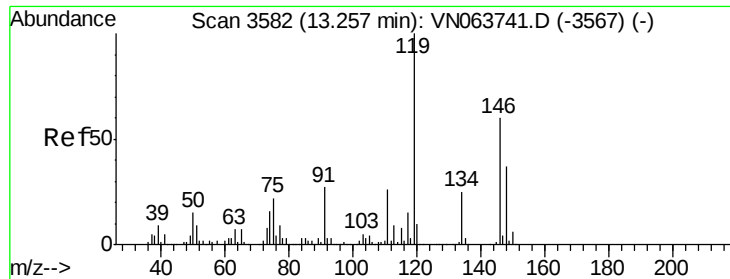
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#86
 p-Isopropyltoluene
 Concen: 51.638 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.6	37.8
91	25.9	13.4	40.2





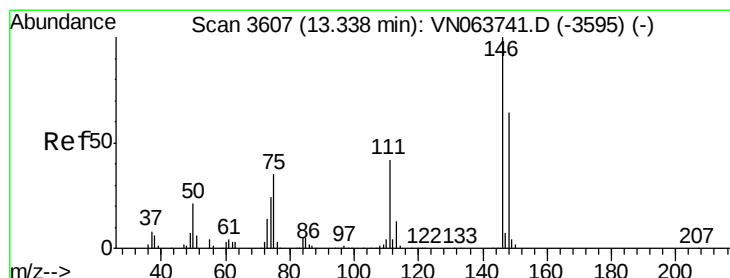
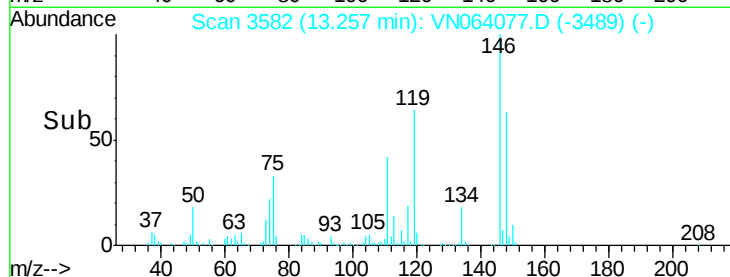
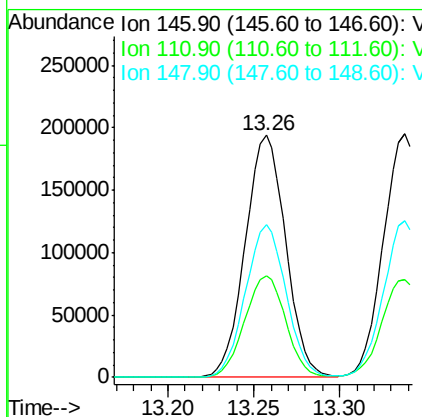
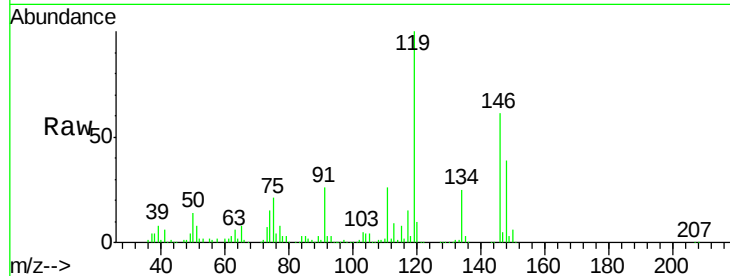
#87
 1,3-Dichlorobenzene
 Concen: 50.350 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	63.2	31.1	93.3

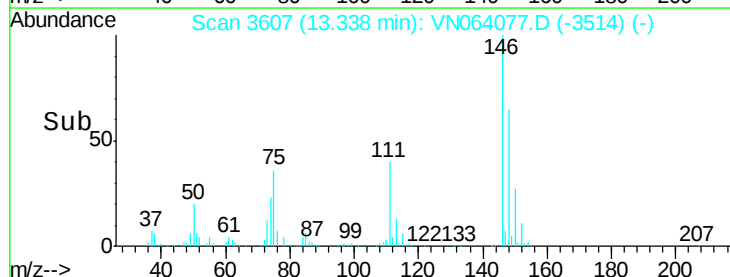
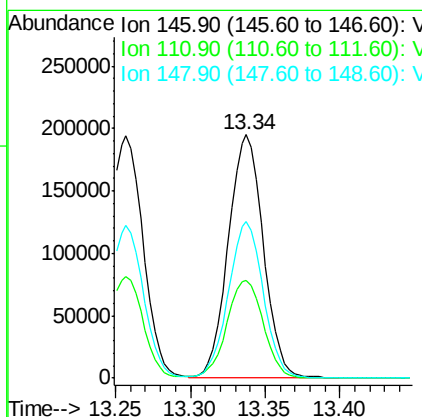
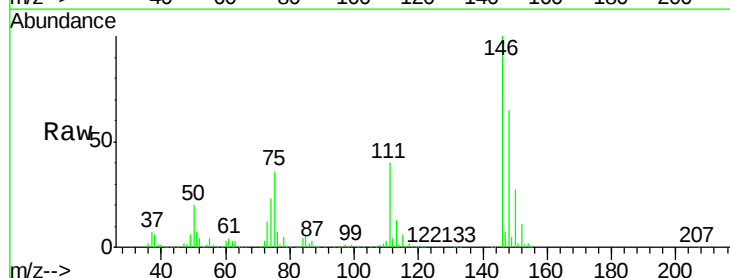
Manual Integrations
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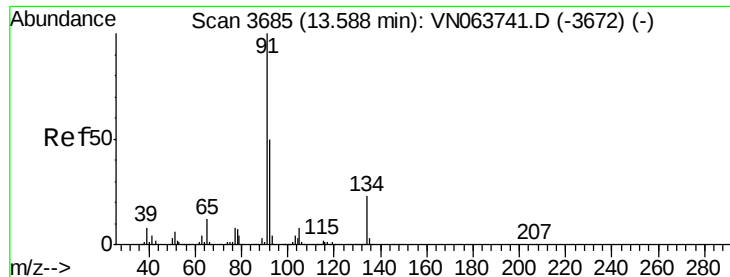
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#88
 1,4-Dichlorobenzene
 Concen: 48.356 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	63.9	32.0	96.0





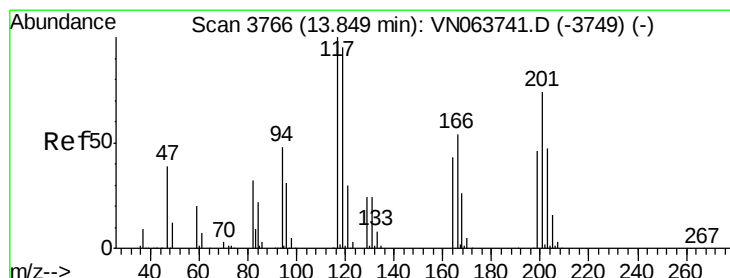
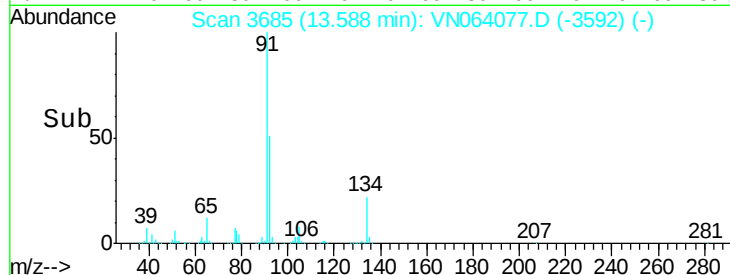
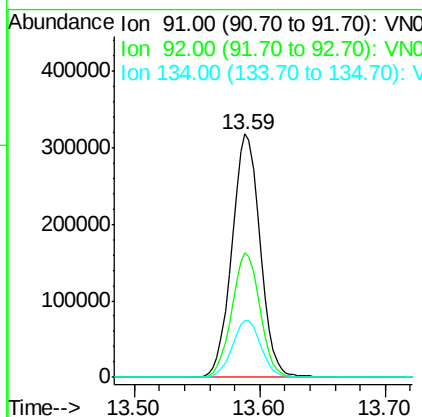
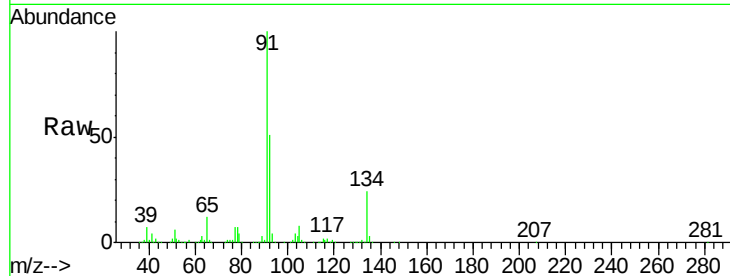
#89
n-Butylbenzene
Concen: 47.670 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.4	76.4
134	23.9	11.7	35.1

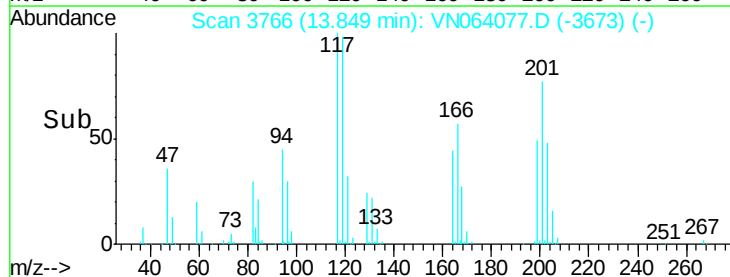
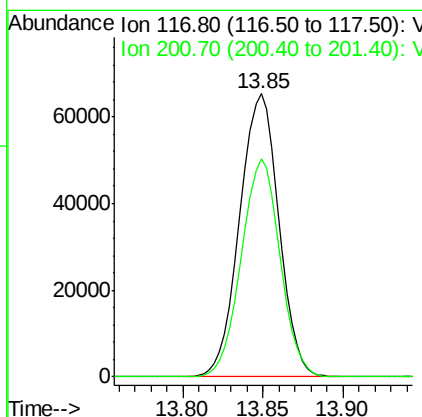
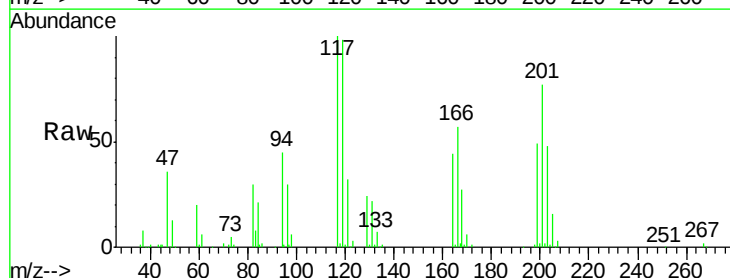
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#90
Hexachloroethane
Concen: 49.836 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.0	36.0	108.0





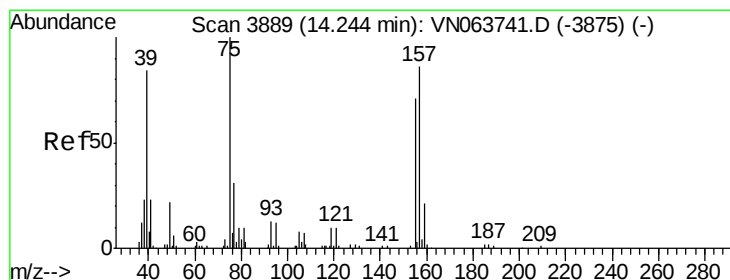
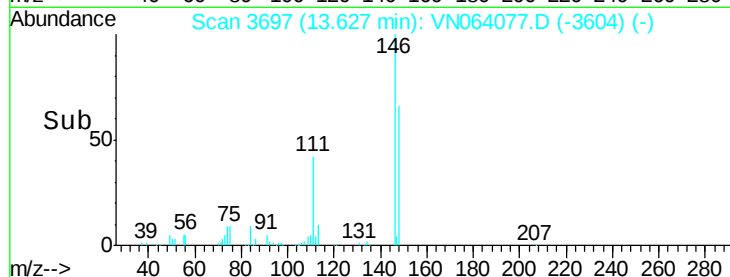
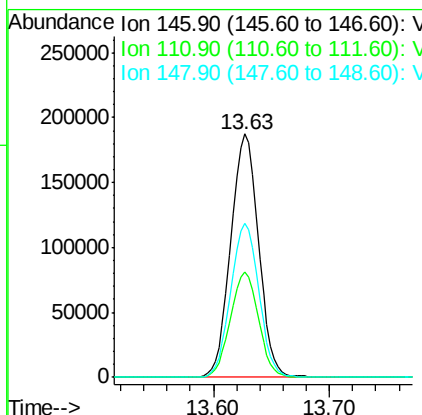
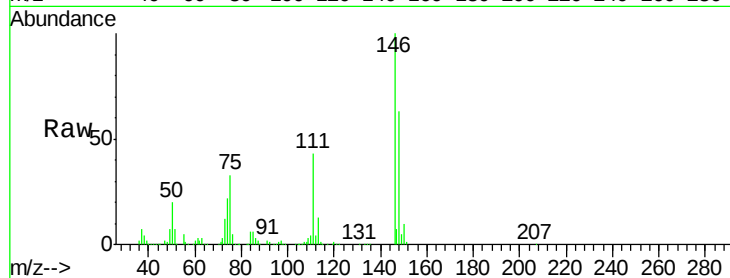
#91
 1,2-Dichlorobenzene
 Concen: 49.815 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	64.1	32.5	97.4

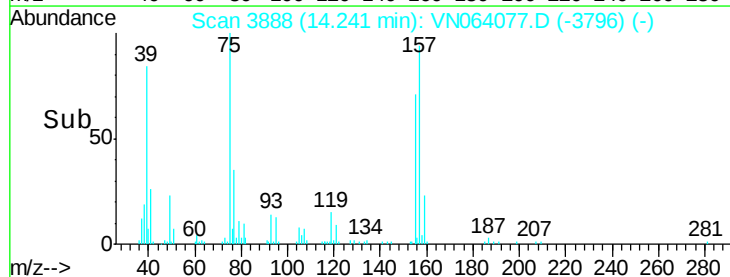
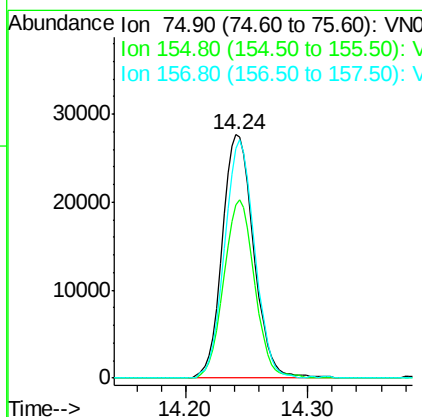
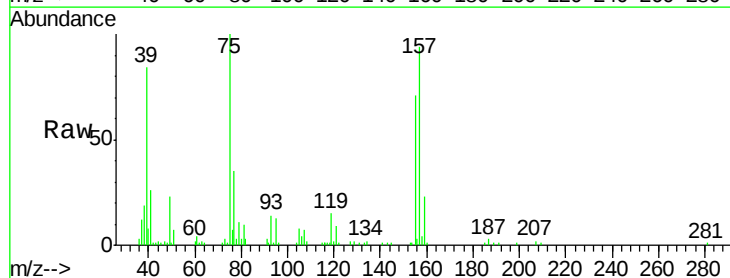
Manual Integrations
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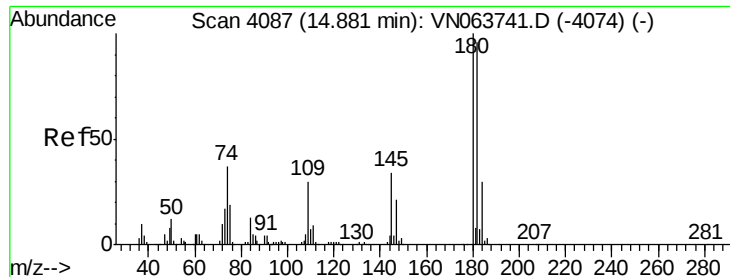
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.348 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	34.8	104.5
157	93.0	43.7	131.1





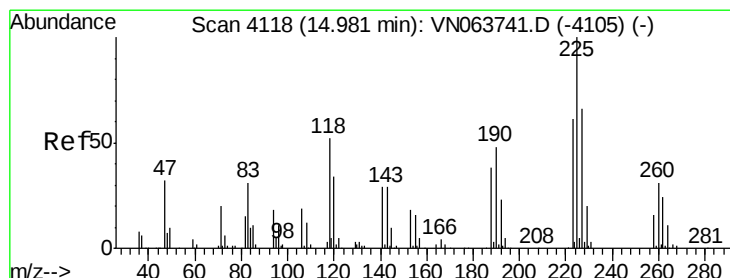
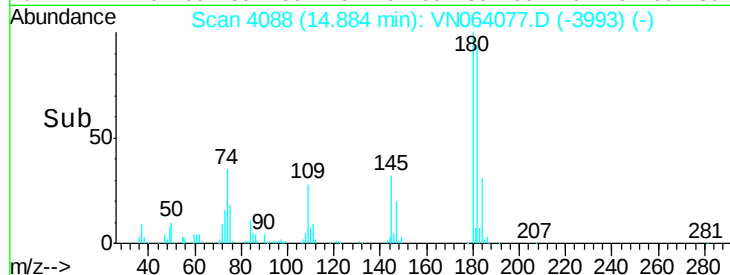
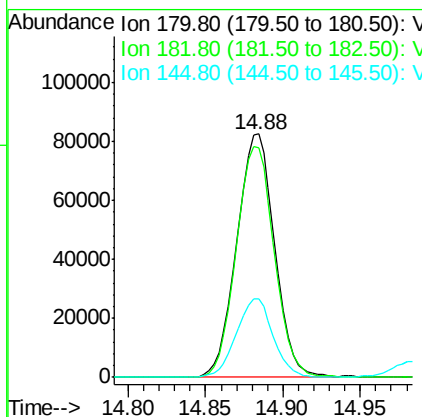
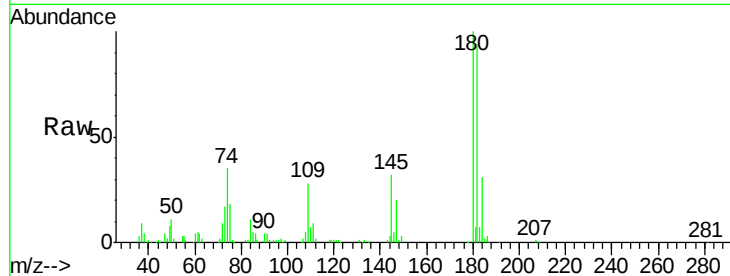
#93
 1,2,4-Trichlorobenzene
 Concen: 41.715 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140411		
182	95.3	48.2	144.6	
145	31.3	17.1	51.2	

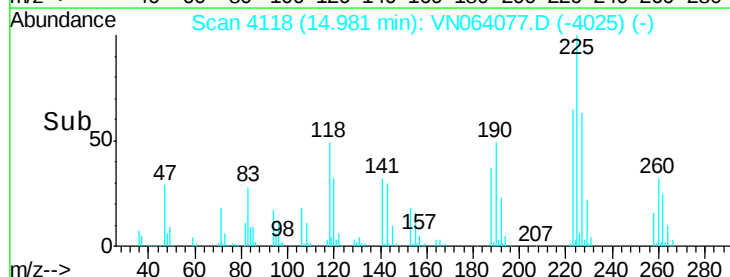
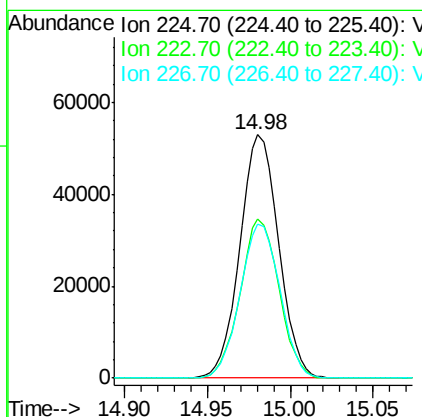
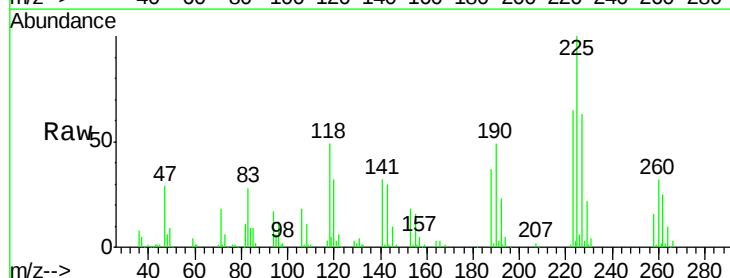
Manual Integrations
 APPROVED

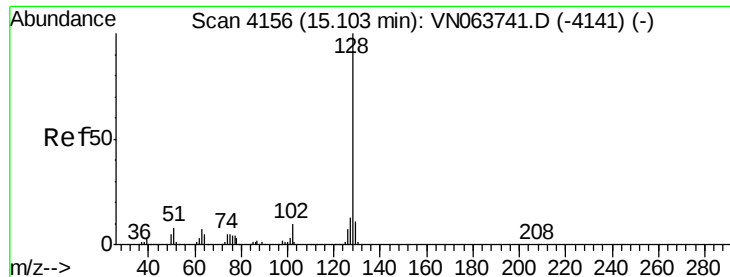
MMDadoda
 10/13/2020 4:09:44 PM



#94
 Hexachlorobutadiene
 Concen: 50.906 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86056		
223	65.5	30.3	91.0	
227	64.9	31.9	95.5	





#95

Naphthalene

Concen: 39.730 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

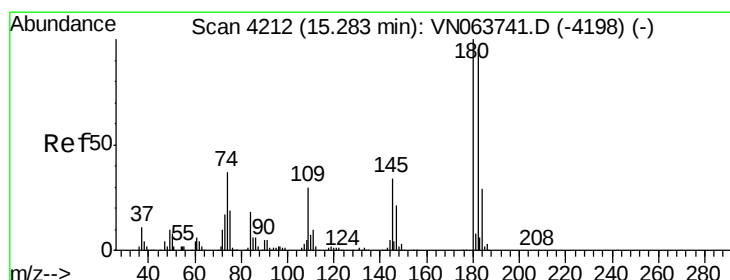
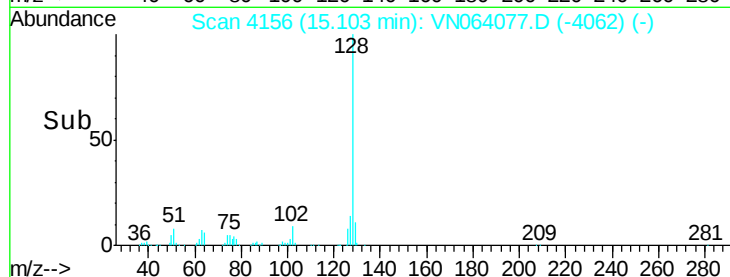
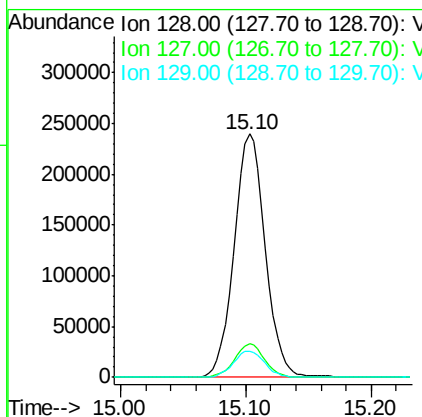
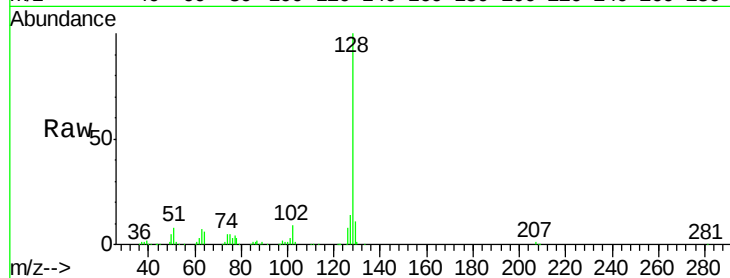
ClientSampleId :

VSTDC0050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/13/2020 4:09:44 PM



#96

1,2,3-Trichlorobenzene

Concen: 43.820 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.9	143.6
145	33.5	17.2	51.5

