

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064477.D
 Acq On : 5 Nov 2020 21:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 8:50:53 AM

Quant Time: Nov 06 04:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	302473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	553259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	520998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	247617	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	262405	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
35) Dibromofluoromethane	7.55	113	178897	47.49	ug/l	0.00
Spiked Amount						
			Recovery	=	94.98%	
50) Toluene-d8	10.06	98	687698	47.23	ug/l	0.00
Spiked Amount						
			Recovery	=	94.46%	
62) 4-Bromofluorobenzene	12.38	95	258169	46.89	ug/l	0.00
Spiked Amount						
			Recovery	=	93.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	187904	47.723	ug/l	99
3) Chloromethane	2.04	50	227902	47.653	ug/l	100
4) Vinyl Chloride	2.17	62	244427	49.769	ug/l	100
5) Bromomethane	2.53	94	150106	47.843	ug/l	97
6) Chloroethane	2.67	64	159894	50.851	ug/l	98
7) Trichlorofluoromethane	2.99	101	370575	51.242	ug/l	98
8) Diethyl Ether	3.37	74	132200	51.765	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	165782	48.274	ug/l	98
10) Methyl Iodide	3.90	142	207491	51.997	ug/l	99
11) Tert butyl alcohol	4.76	59	170554	293.543	ug/l	100
12) 1,1-Dichloroethene	3.69	96	162640	50.277	ug/l	94
13) Acrolein	3.57	56	93295	258.866	ug/l	91
14) Allyl chloride	4.27	41	309425	48.897	ug/l	98
15) Acrylonitrile	4.94	53	476587	294.622	ug/l	99
16) Acetone	3.78	43	443841	221.156	ug/l	98
17) Carbon Disulfide	4.00	76	470783	48.665	ug/l	99
18) Methyl Acetate	4.29	43	233330	59.138	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	602987	51.791	ug/l	100
20) Methylene Chloride	4.50	84	196803	49.425	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	183501	49.960	ug/l	99
22) Diisopropyl ether	5.91	45	695393	51.768	ug/l	96
23) Vinyl Acetate	5.85	43	2950852	270.036	ug/l	99
24) 1,1-Dichloroethane	5.80	63	374763	50.771	ug/l	99
25) 2-Butanone	6.79	43	689720	269.729	ug/l	99
26) 2,2-Dichloropropane	6.78	77	282903	42.338	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	213779	50.230	ug/l	98
28) Bromochloromethane	7.15	49	184385	50.820	ug/l	96
29) Tetrahydrofuran	7.17	42	452198	288.238	ug/l	99
30) Chloroform	7.33	83	395425	50.963	ug/l	98
31) Cyclohexane	7.61	56	294647	46.006	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	350511	50.933	ug/l	100
36) 1,1-Dichloropropene	7.76	75	287987	49.272	ug/l	99
37) Ethyl Acetate	6.89	43	297999	50.231	ug/l	100
38) Carbon Tetrachloride	7.73	117	308482	49.384	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	249429	47.606	ug/l	98
40) Benzene	8.00	78	831260	48.400	ug/l	100
41) Methacrylonitrile	7.13	41	145532	56.162	ug/l	92
42) 1,2-Dichloroethane	8.09	62	347454	50.130	ug/l	100
43) Isopropyl Acetate	8.13	43	495040	52.264	ug/l	99
44) Trichloroethene	8.80	130	204641	47.226	ug/l	100
45) 1,2-Dichloropropane	9.08	63	228031	49.759	ug/l	98
46) Dibromomethane	9.17	93	155428	51.522	ug/l	97
47) Bromodichloromethane	9.37	83	330404	50.937	ug/l	98
48) Methyl methacrylate	9.17	41	259218	54.234	ug/l	98
49) 1,4-Dioxane	9.17	88	76150	1209.614	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1578430	285.751	ug/l	100
52) Toluene	10.13	92	525320	50.149	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	344745	50.131	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	362239	49.267	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	209564	51.297	ug/l	98
56) Ethyl methacrylate	10.40	69	318362	47.461	ug/l	99
57) 1,3-Dichloropropane	10.68	76	365743	51.291	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	848509	265.680	ug/l	99
59) 2-Hexanone	10.72	43	1152054	255.674	ug/l	99
60) Dibromochloromethane	10.87	129	240336	52.545	ug/l	99
61) 1,2-Dibromoethane	10.98	107	220248	53.151	ug/l	98
64) Tetrachloroethene	10.60	164	181159	45.140	ug/l	97
65) Chlorobenzene	11.41	112	550120	48.166	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	213238	50.045	ug/l	99
67) Ethyl Benzene	11.49	91	1017620	50.090	ug/l	99
68) m/p-Xylenes	11.60	106	742366	100.759	ug/l	98
69) o-Xylene	11.92	106	352068	49.451	ug/l	97
70) Styrene	11.94	104	626774	52.317	ug/l	99
71) Bromoform	12.10	173	157210	49.160	ug/l #	97
73) Isopropylbenzene	12.23	105	935432	47.529	ug/l	99
74) N-amyl acetate	12.05	43	448868	47.097	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	307043	50.791	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	293082m	48.851	ug/l	
77) Bromobenzene	12.50	156	225624	46.955	ug/l	100
78) n-propylbenzene	12.57	91	1086283	48.412	ug/l	100
79) 2-Chlorotoluene	12.65	91	683205	48.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	797939	49.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	101464	47.220	ug/l	97
82) 4-Chlorotoluene	12.75	91	712532	47.809	ug/l	99
83) tert-Butylbenzene	12.97	119	620496	48.931	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	802614	49.173	ug/l	100
85) sec-Butylbenzene	13.15	105	801944	49.934	ug/l	100
86) p-Isopropyltoluene	13.26	119	721157	49.922	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	402734	48.486	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	400350	46.640	ug/l	98
89) n-Butylbenzene	13.59	91	604774	48.692	ug/l	100
90) Hexachloroethane	13.85	117	141593	50.811	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	397886	49.799	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	69378	57.643	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	174560	44.256	ug/l	99
94) Hexachlorobutadiene	14.98	225	79759	49.030	ug/l	99
95) Naphthalene	15.10	128	601379	44.695	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	179321	46.835	ug/l	99

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

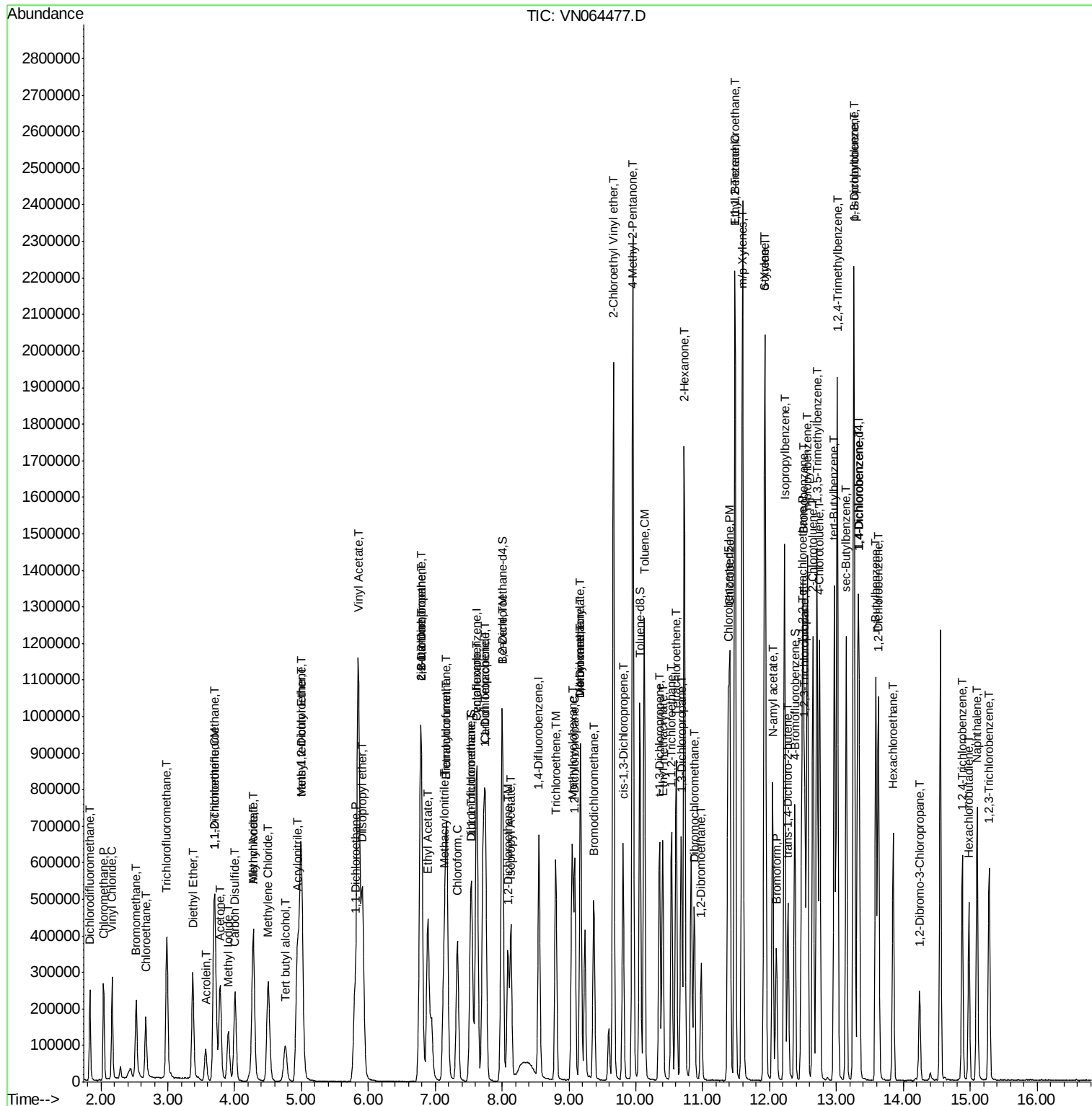
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
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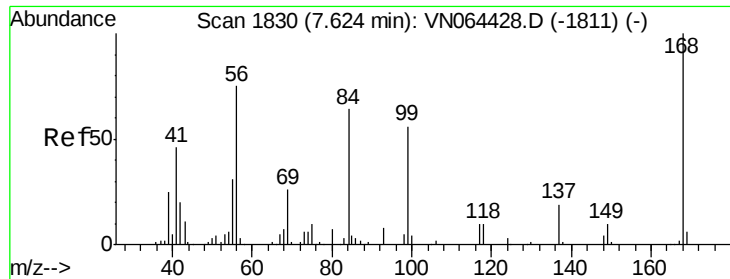
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 302473

Ion Ratio Lower Upper

168 100

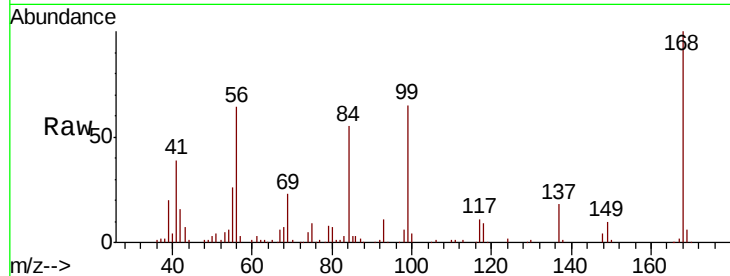
99 64.5 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

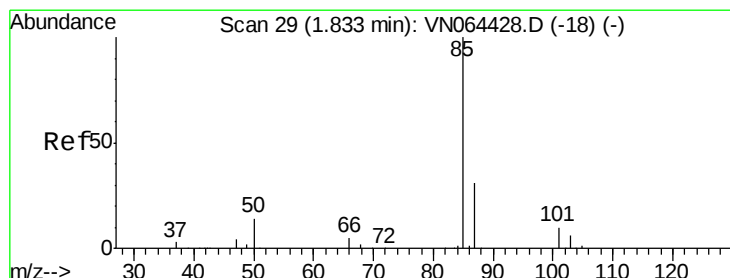
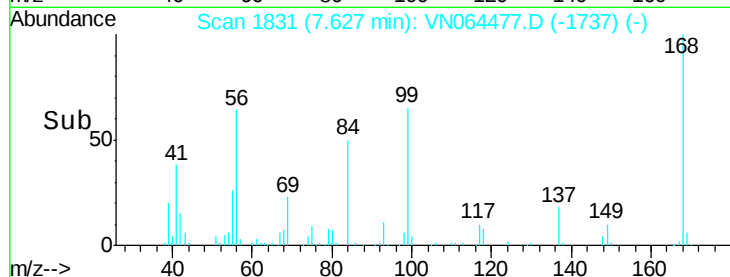
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.723 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064477.D

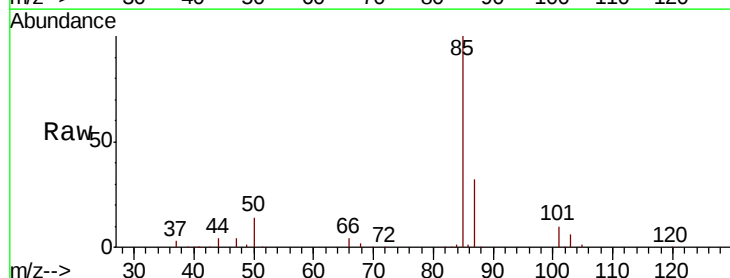
Acq: 5 Nov 2020 21:45

Tgt Ion: 85 Resp: 187904

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

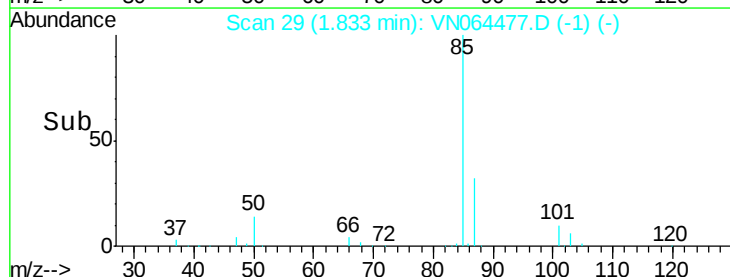
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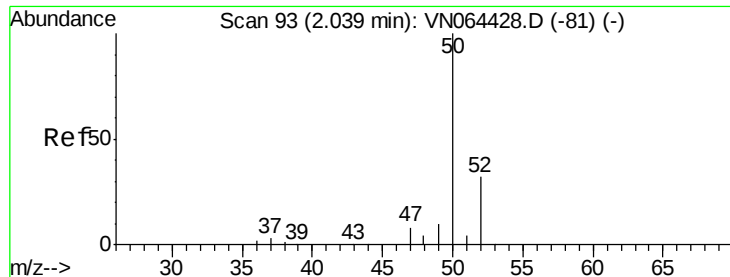
100000

50000

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Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 47.653 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 227902

Ion Ratio Lower Upper

50 100

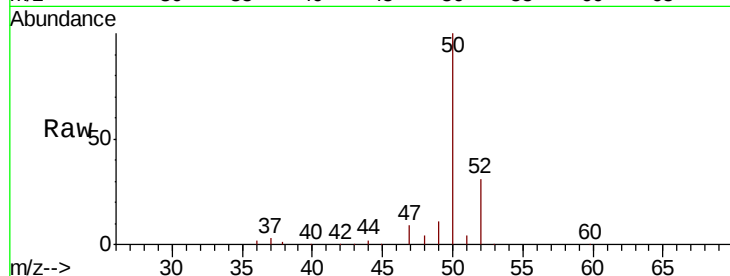
52 31.4 25.3 37.9

Manual Integrations

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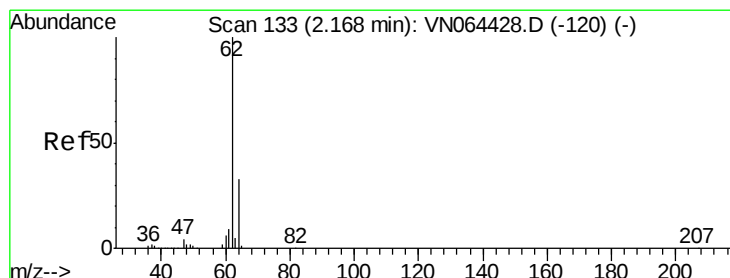
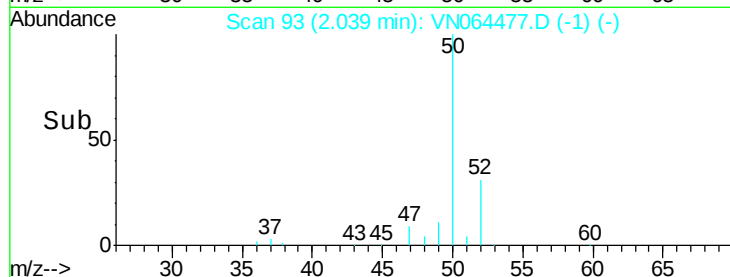
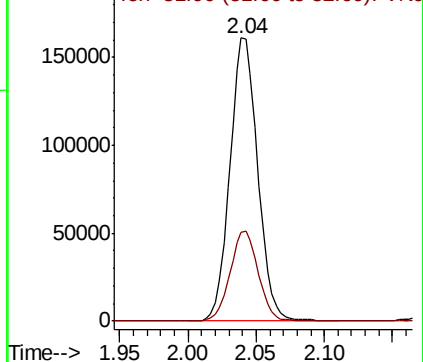
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 49.769 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064477.D

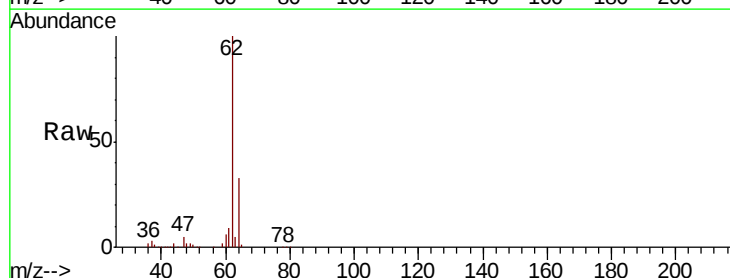
Acq: 5 Nov 2020 21:45

Tgt Ion: 62 Resp: 244427

Ion Ratio Lower Upper

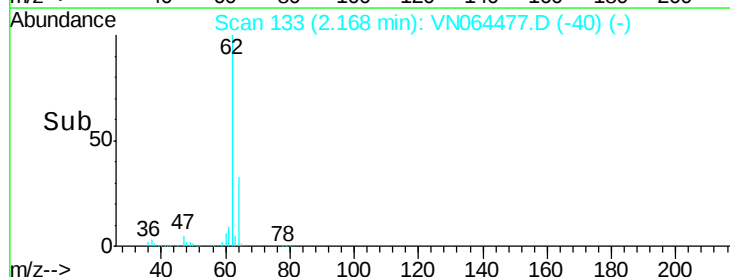
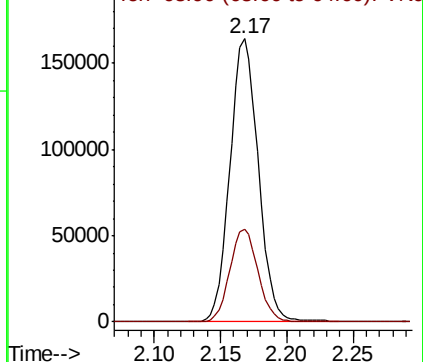
62 100

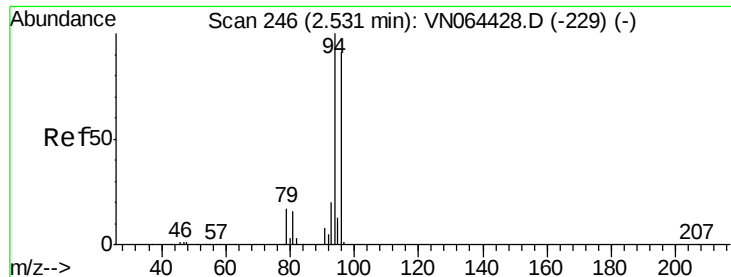
64 32.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 47.843 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

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Tot Ion: 94 Resp: 150106

Ion Ratio Lower Upper

94 100

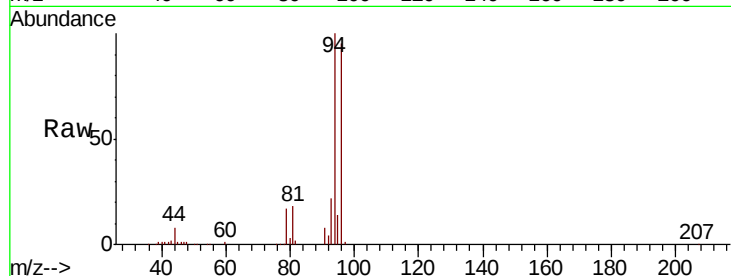
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Manual Integrations

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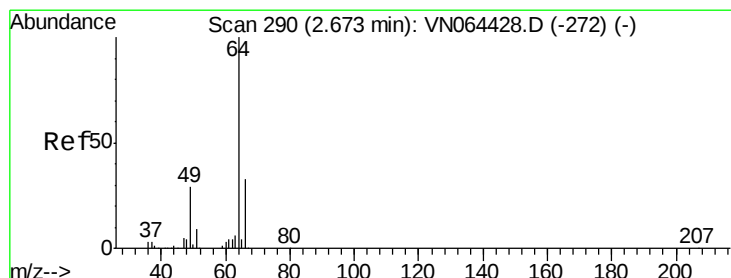
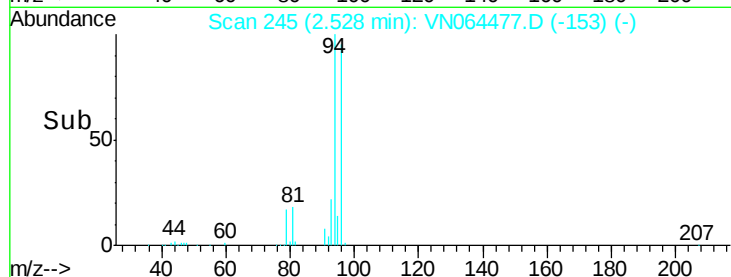
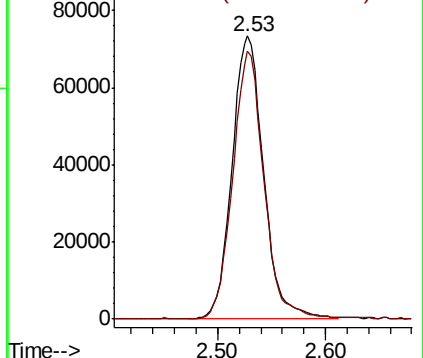
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 50.851 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

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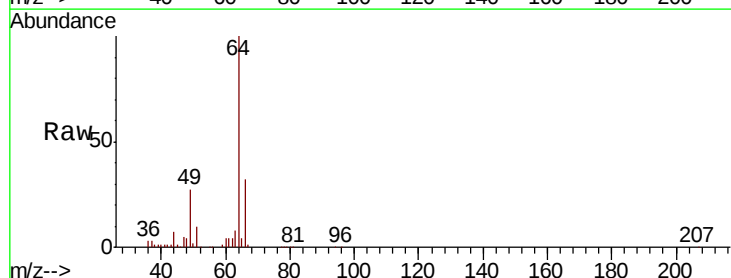
Acq: 5 Nov 2020 21:45

Tgt Ion: 64 Resp: 159894

Ion Ratio Lower Upper

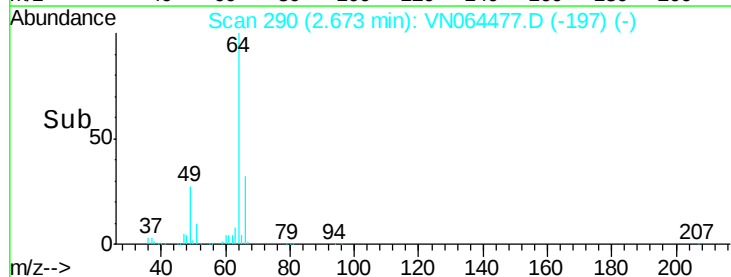
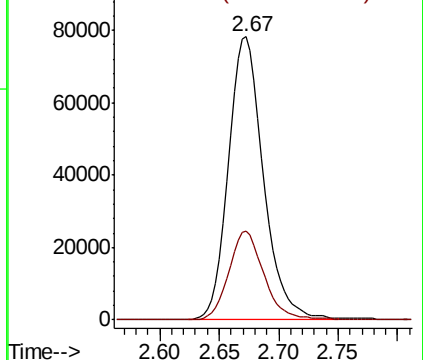
64 100

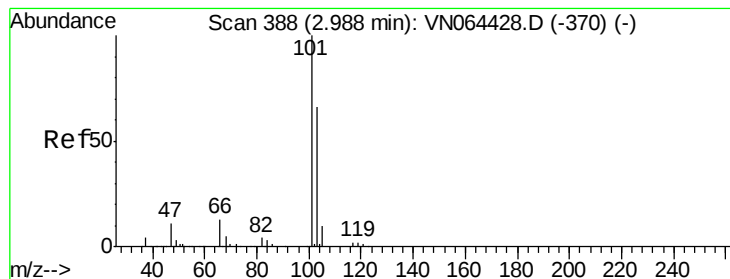
66 31.3 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

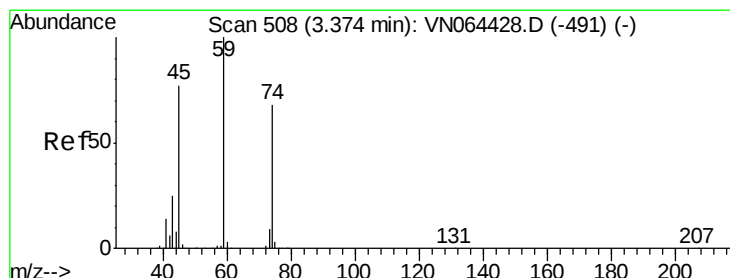
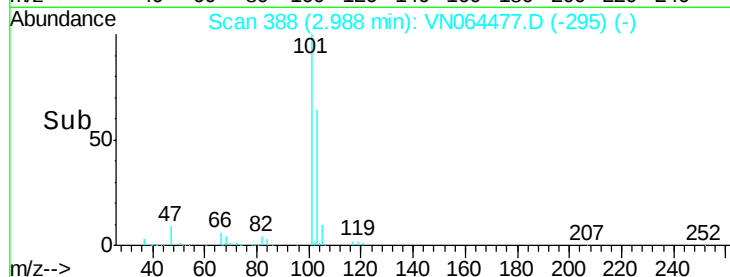
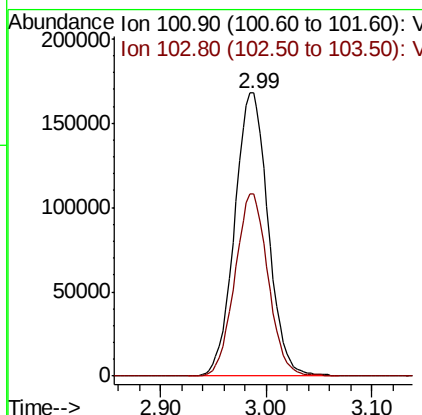
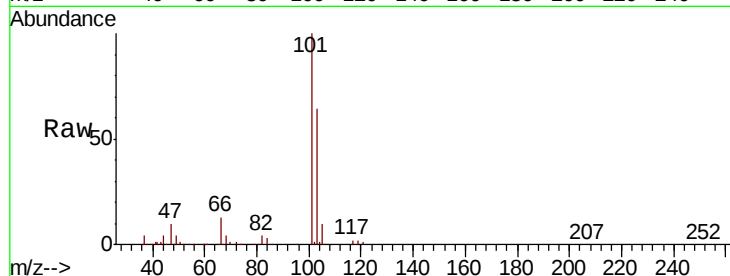
Trichlorofluoromethane
 Concen: 51.242 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064477.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.4	78.6

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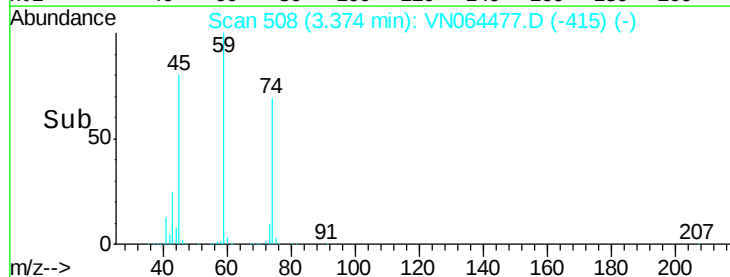
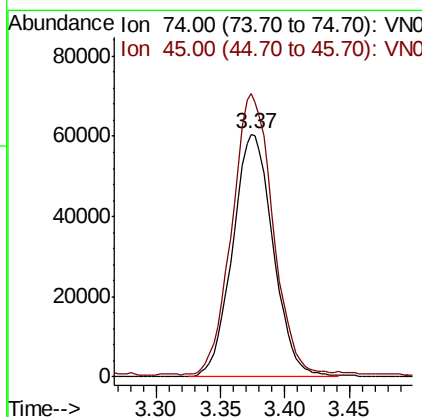
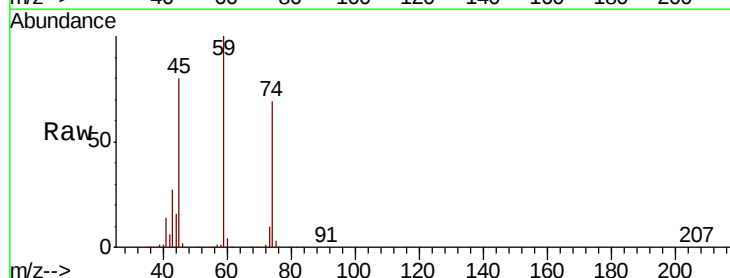
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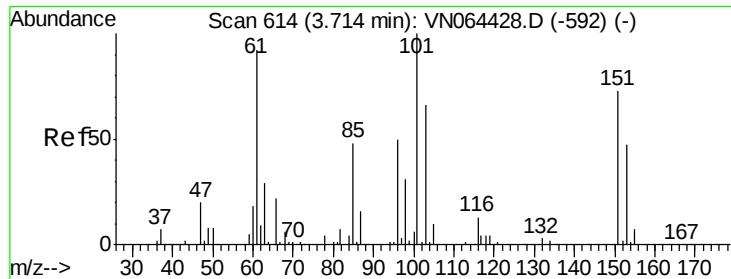


#8

Diethyl Ether
 Concen: 51.765 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	116.0	55.9	167.6





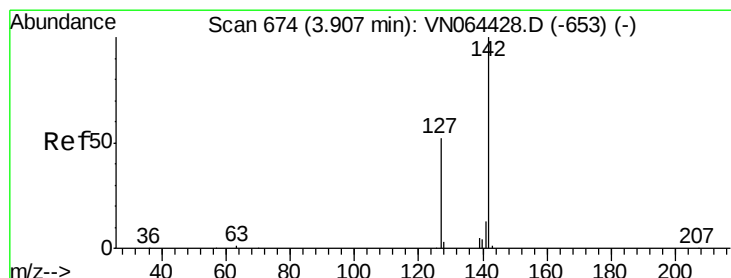
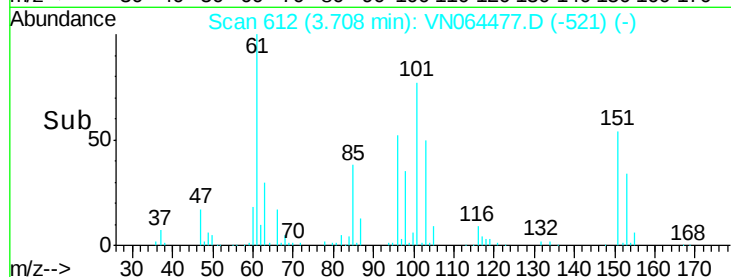
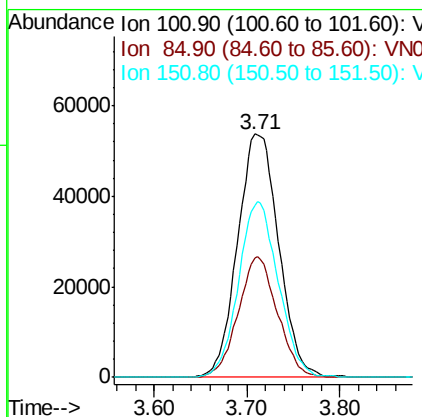
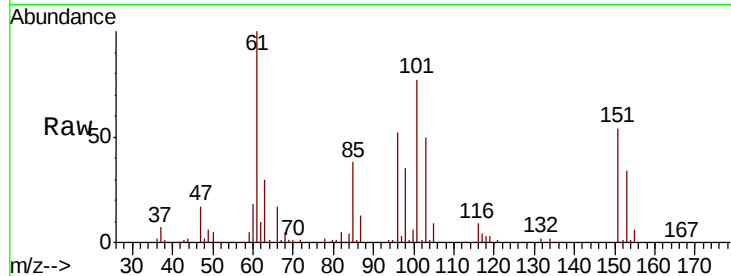
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.274 ug/l
RT: 3.71 min Scan# 612
Delta R.T. -0.01 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	165782		
85	47.2	38.6	57.8	
151	70.0	57.5	86.3	

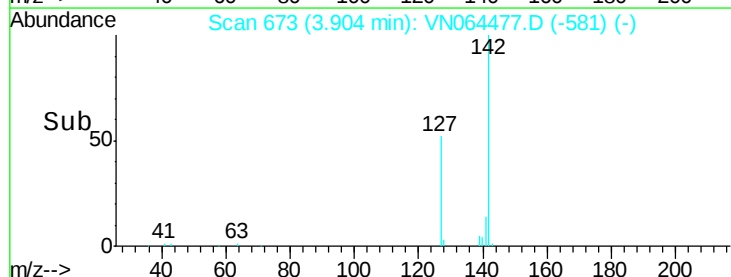
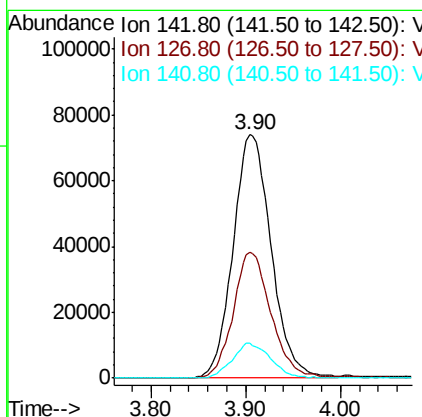
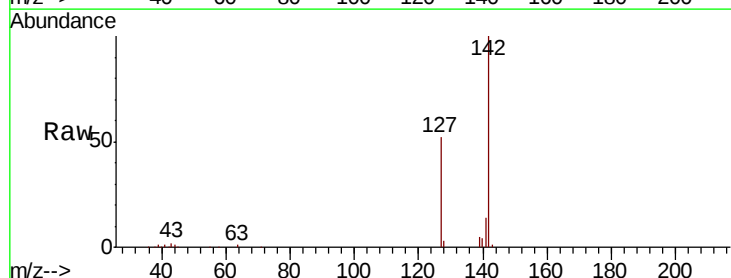
Manual Integrations
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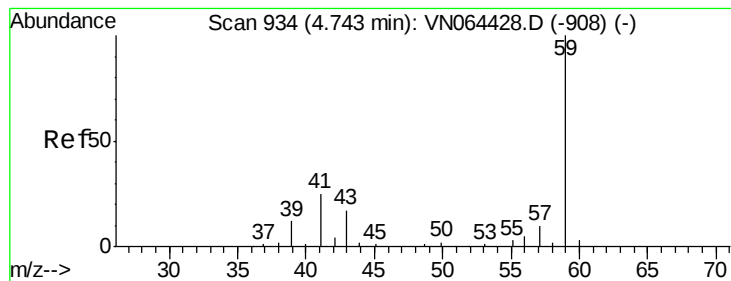
MMDadoda
11/6/2020 8:50:53 AM



#10
Methyl Iodide
Concen: 51.997 ug/l
RT: 3.90 min Scan# 673
Delta R.T. -0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	207491		
127	51.2	41.8	62.8	
141	14.4	11.4	17.2	





#11

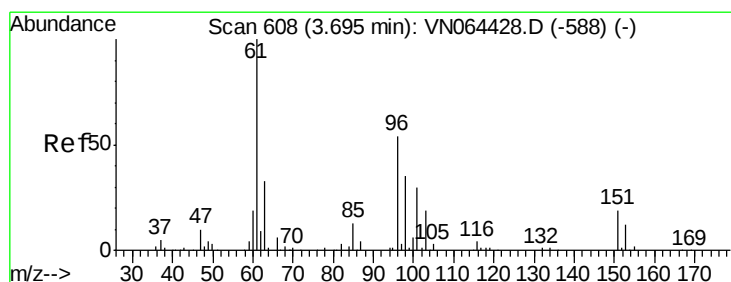
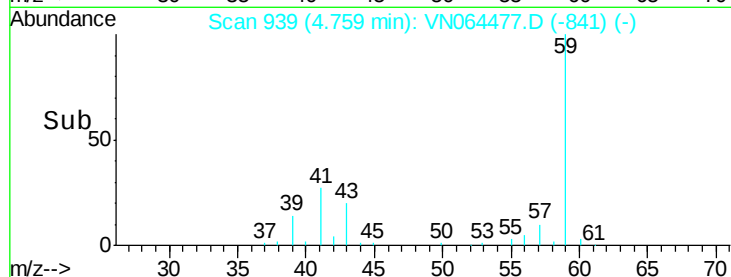
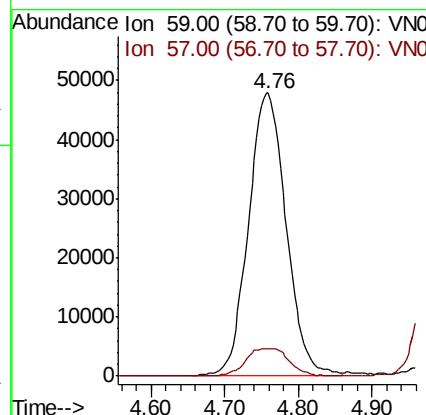
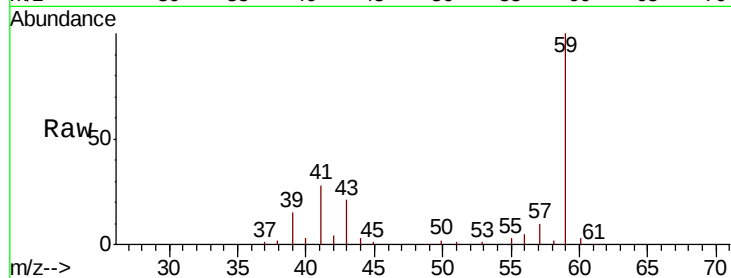
Tert butyl alcohol
Concen: 293.543 ug/l
RT: 4.76 min Scan# 939
Delta R.T. 0.02 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.0	13.4

Manual Integrations
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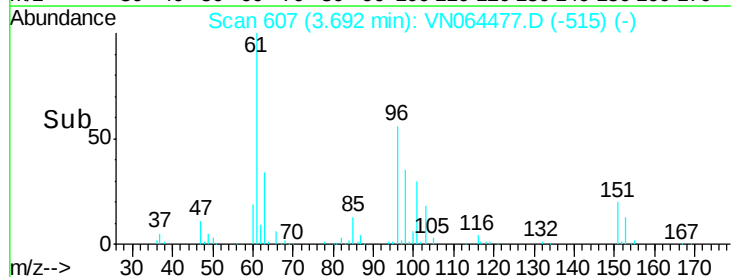
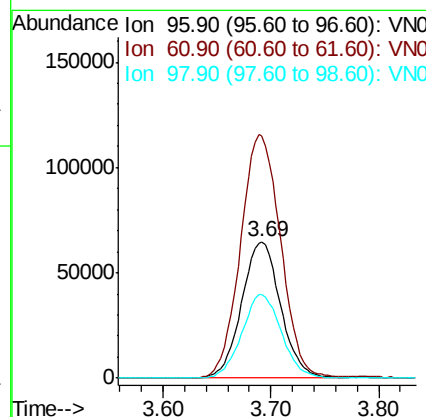
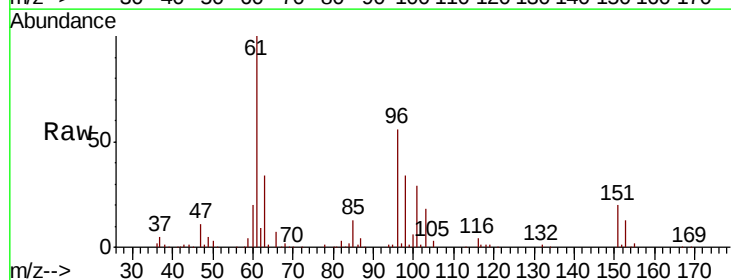
MMDadoda
11/6/2020 8:50:53 AM

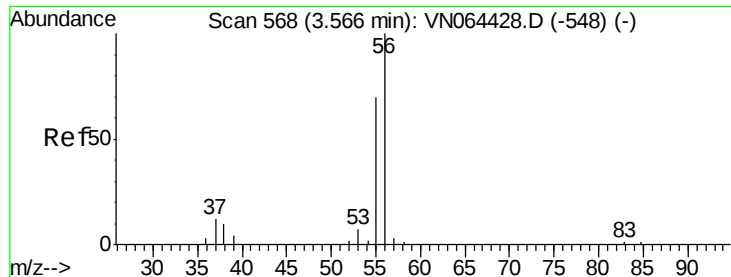


#12

1,1-Dichloroethene
Concen: 50.277 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.7	149.5	224.3
98	61.2	52.4	78.6





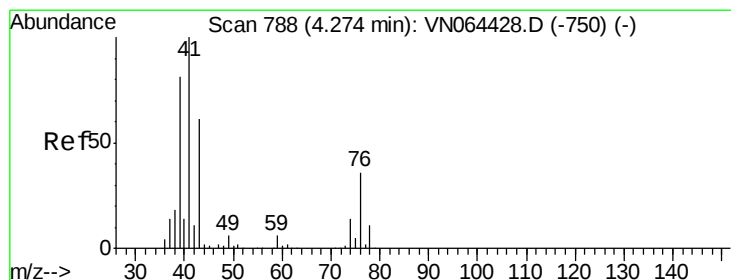
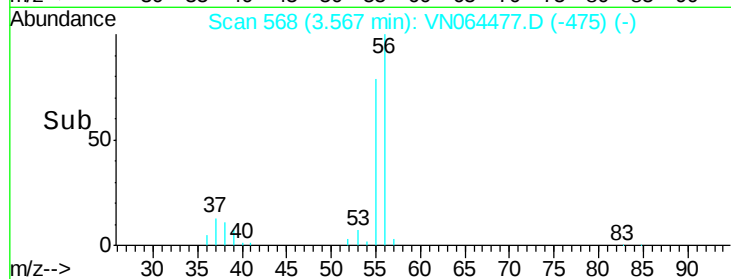
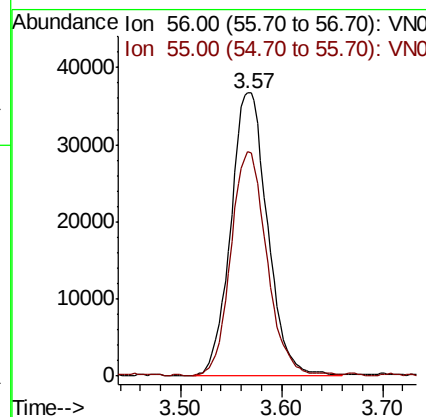
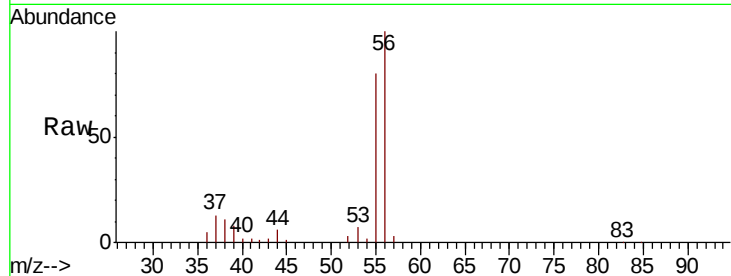
#13
Acrolein
Concen: 258.866 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	93295
Ion Ratio	100	Lower	Upper
56	100		
55	77.4	55.9	83.9

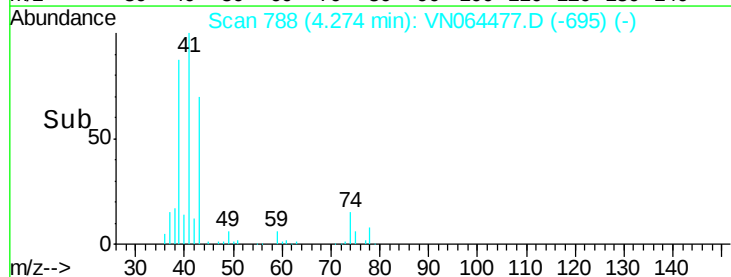
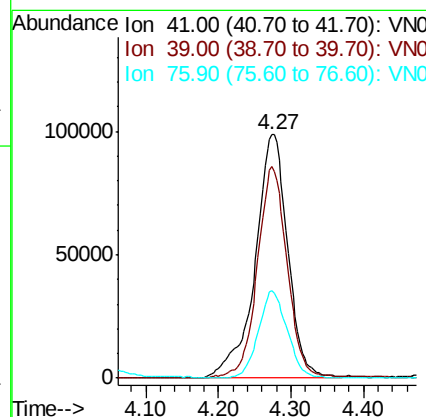
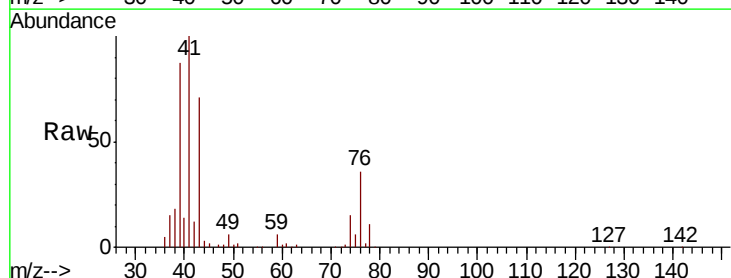
Manual Integrations
APPROVED

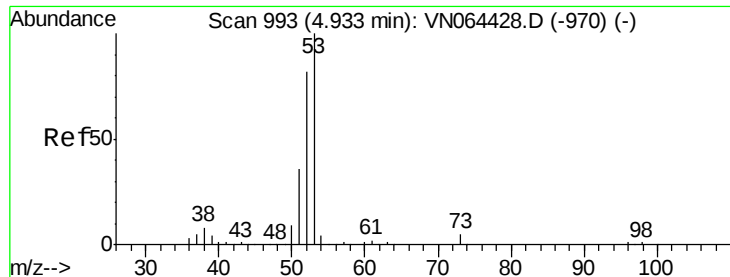
MMDadoda
11/6/2020 8:50:53 AM



#14
Allyl chloride
Concen: 48.897 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	41	Resp	309425
Ion Ratio	100	Lower	Upper
41	100		
39	79.6	61.8	92.8
76	31.3	25.4	38.0





#15

Acrylonitrile

Concen: 294.622 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

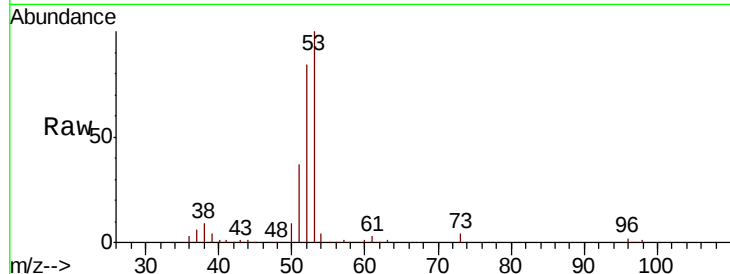
ClientSampleId :

VSTDCCC050EC

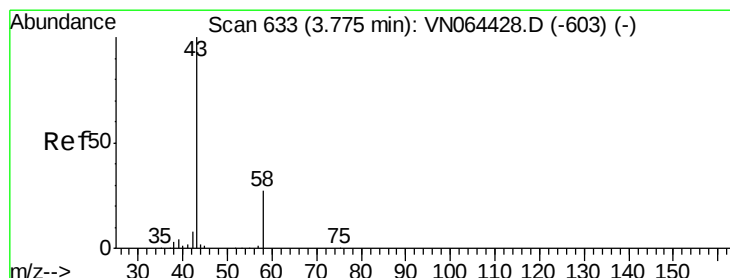
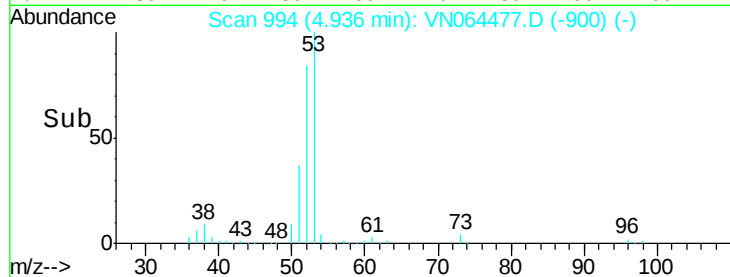
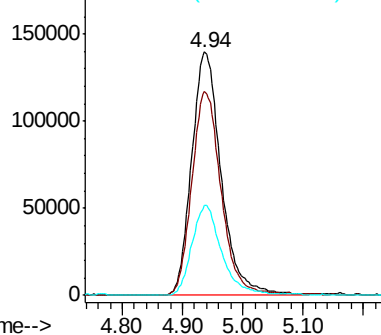
Tot Ion:	53	Resp:	476587
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.6	98.4
51	37.3	29.9	44.9

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 221.156 ug/l

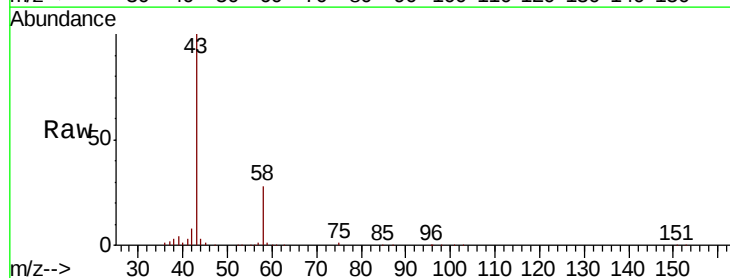
RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

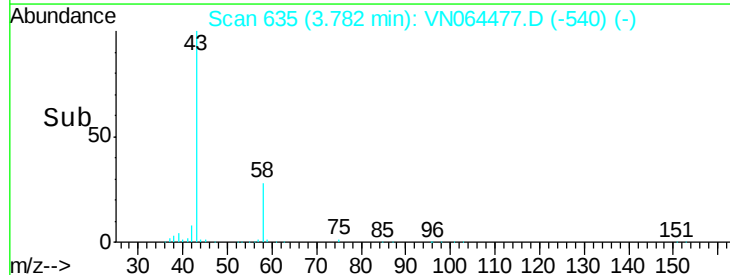
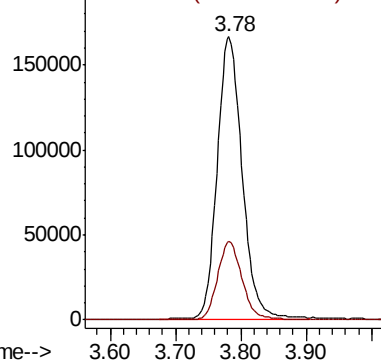
Lab File: VN064477.D

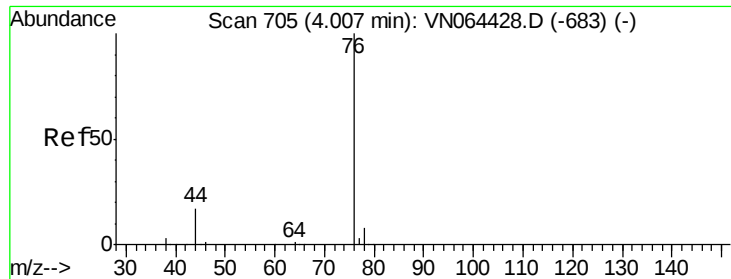
Acq: 5 Nov 2020 21:45

Tgt Ion:	43	Resp:	443841
Ion Ratio	Lower	Upper	
43	100		
58	27.9	21.4	32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)





#17

Carbon Disulfide

Concen: 48.665 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 470783

Ion Ratio Lower Upper

76 100

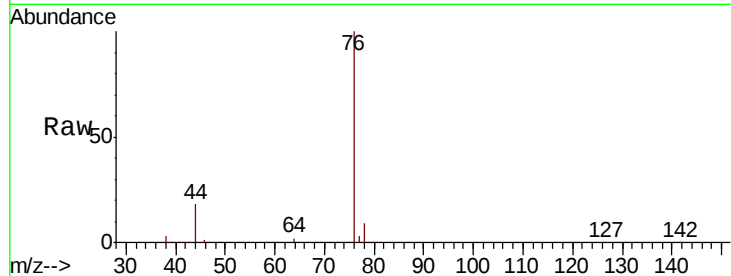
78 8.9 6.8 10.2

Manual Integrations

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11/6/2020 8:50:53 AM



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-683) (-)

Ion 77.90 (77.60 to 78.60): VN064428.D (-683) (-)

4.00

200000

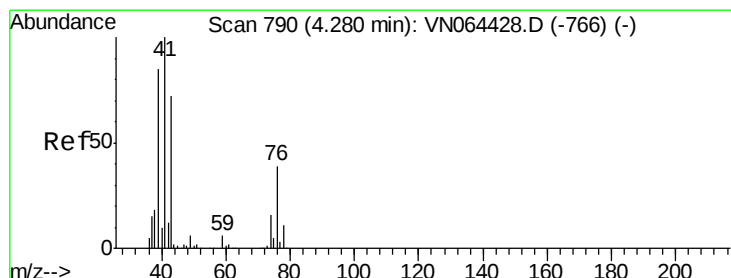
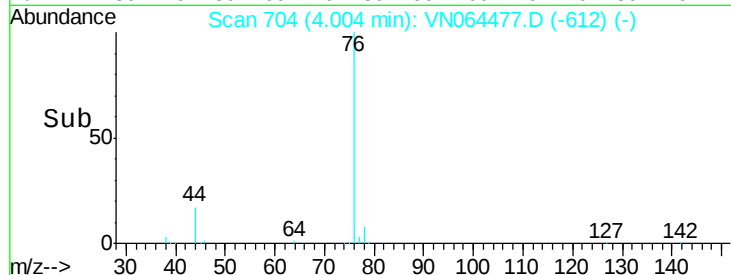
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 59.138 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064477.D

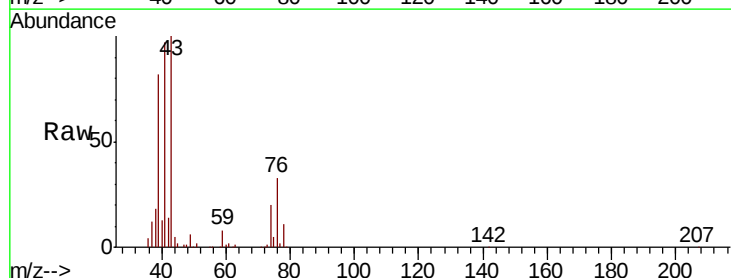
Acq: 5 Nov 2020 21:45

Tgt Ion: 43 Resp: 233330

Ion Ratio Lower Upper

43 100

74 20.9 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-766) (-)

Ion 74.00 (73.70 to 74.70): VN064428.D (-766) (-)

4.29

80000

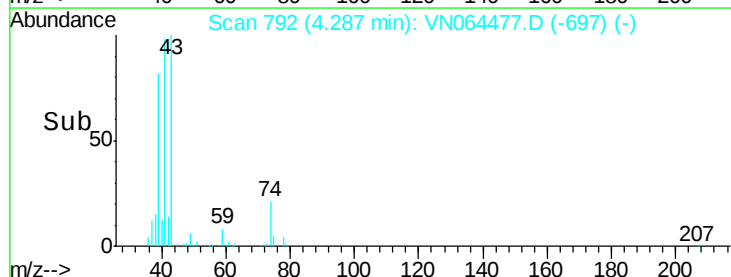
60000

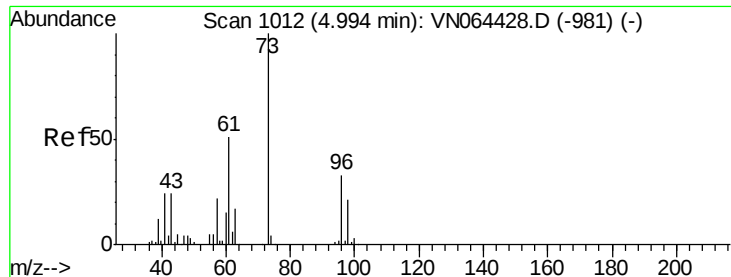
40000

20000

0

Time-->





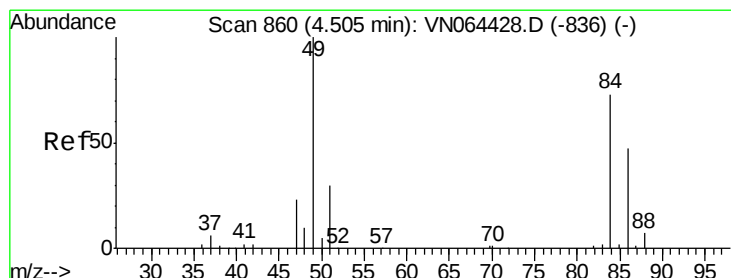
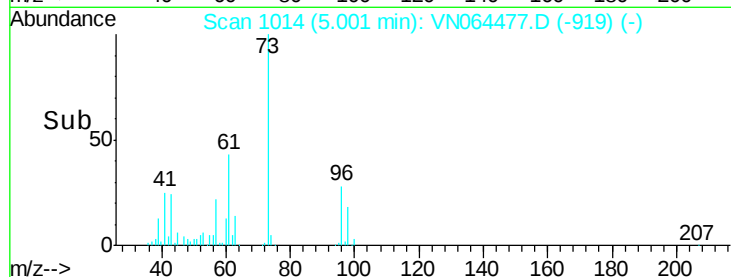
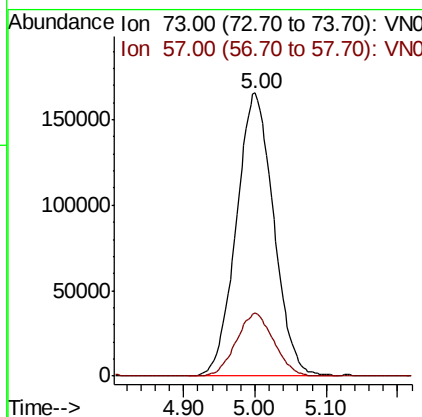
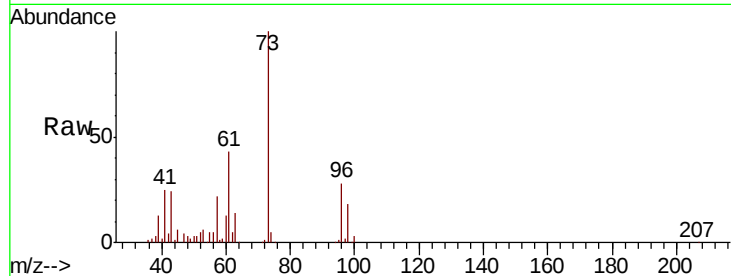
#19
Methvl tert-butvl Ether
Concen: 51.791 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 602987
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

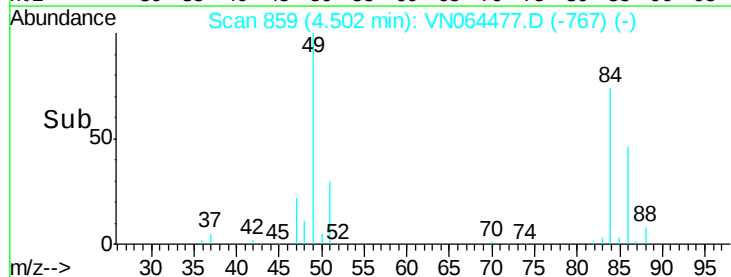
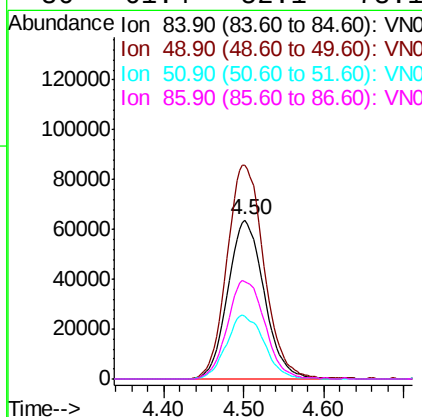
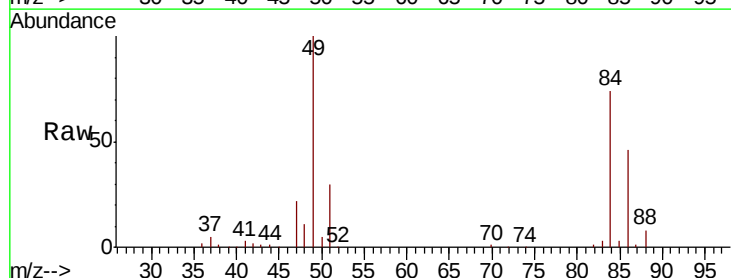
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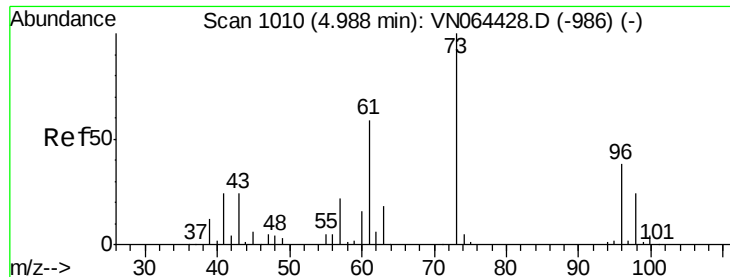
MMDadoda
11/6/2020 8:50:53 AM



#20
Methylene Chloride
Concen: 49.425 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion: 84 Resp: 196803
Ion Ratio Lower Upper
84 100
49 134.0 110.1 165.1
51 39.7 33.6 50.4
86 61.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.960 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

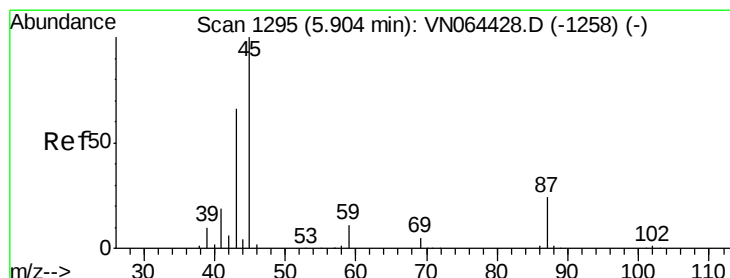
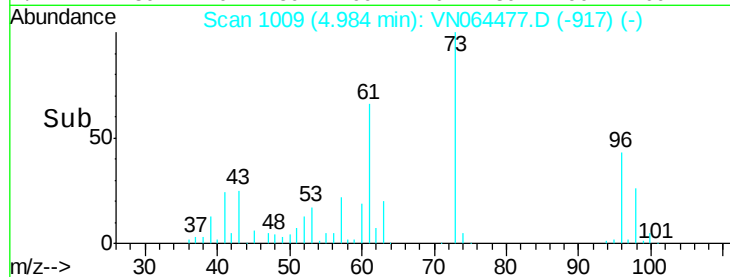
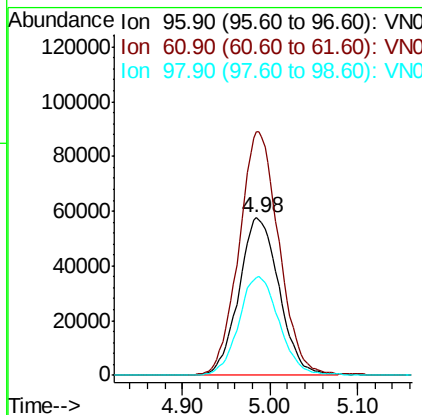
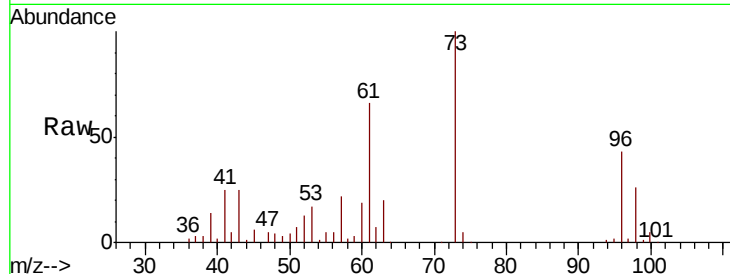
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	183501
Ion	Ratio	Lower	Upper
96	100		
61	154.6	122.4	183.6
98	62.0	50.4	75.6

Manual Integrations
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11/6/2020 8:50:53 AM



#22

Diisopropyl ether

Concen: 51.768 ug/l

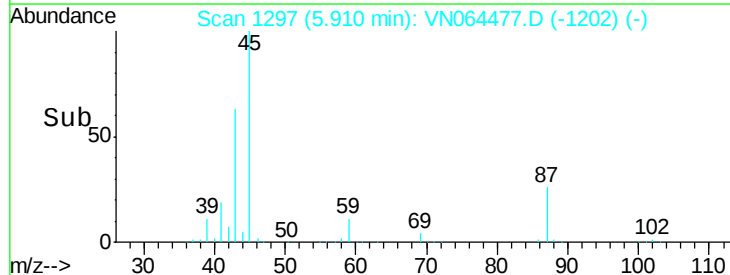
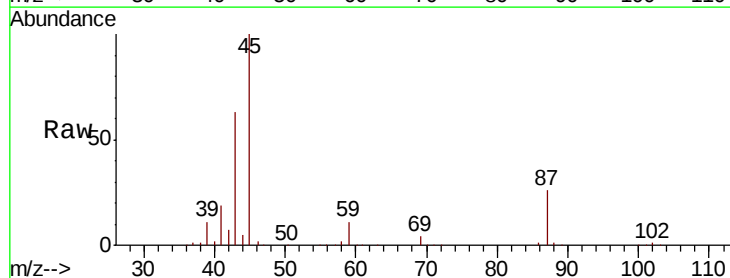
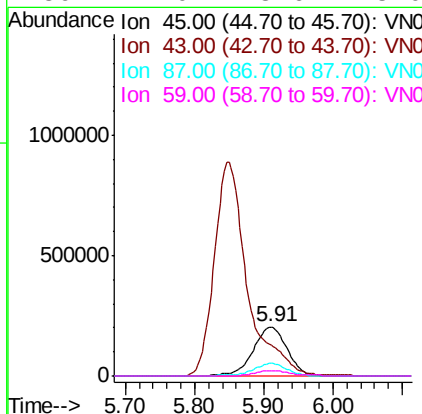
RT: 5.91 min Scan# 1297

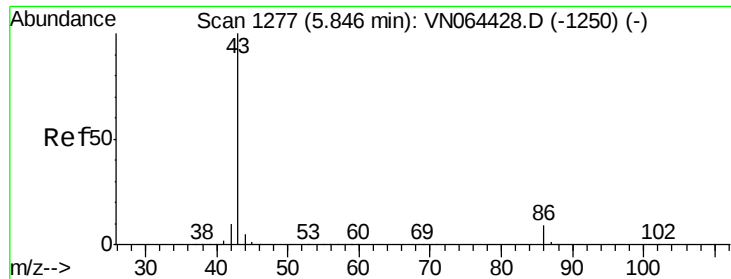
Delta R.T. 0.01 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Tgt Ion:	45	Resp:	695393
Ion	Ratio	Lower	Upper
45	100		
43	61.4	53.2	79.8
87	25.5	19.9	29.9
59	11.0	8.6	13.0





#23

Vinyl Acetate

Concen: 270.036 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 2950852

Ion Ratio Lower Upper

43 100

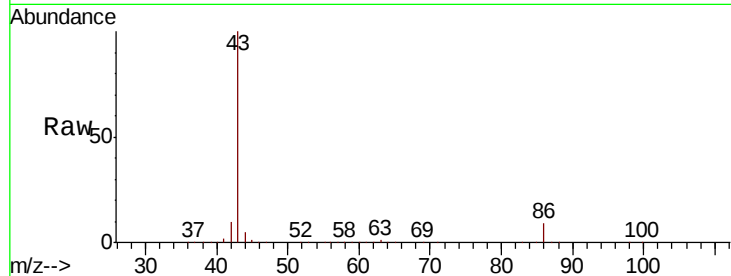
86 8.9 6.8 10.2

Manual Integrations

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11/6/2020 8:50:53 AM



Abundance Ion 43.00 (42.70 to 43.70): VN064477.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064477.D (-1184) (-)

5.85

800000

600000

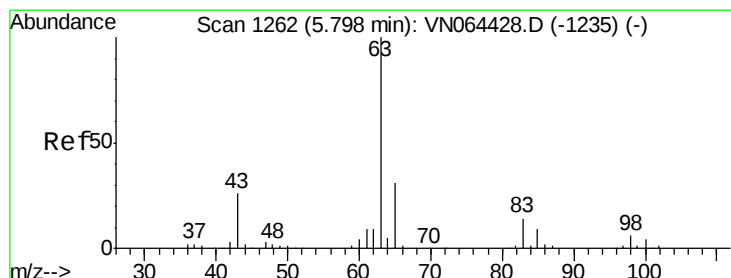
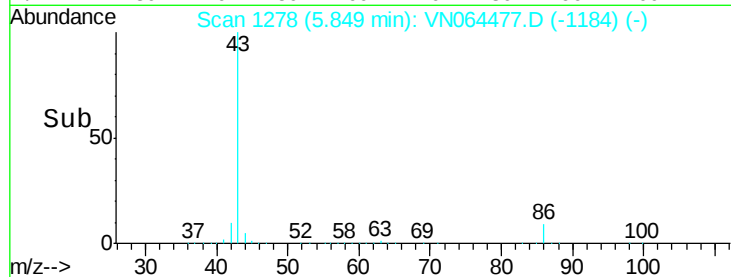
400000

200000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.771 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

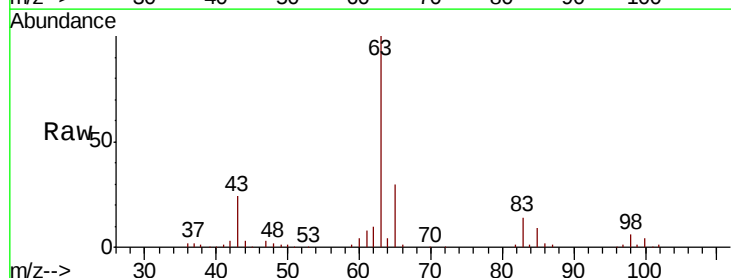
Tgt Ion: 63 Resp: 374763

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.7 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064477.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064477.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064477.D (-1169) (-)

150000

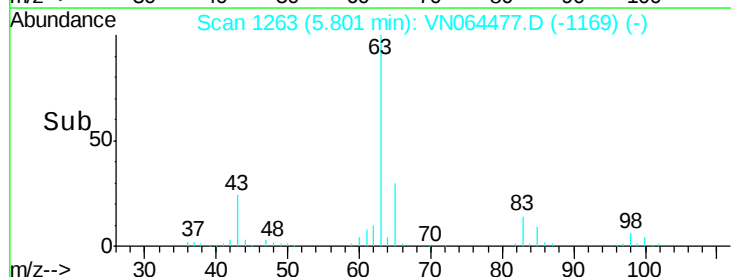
100000

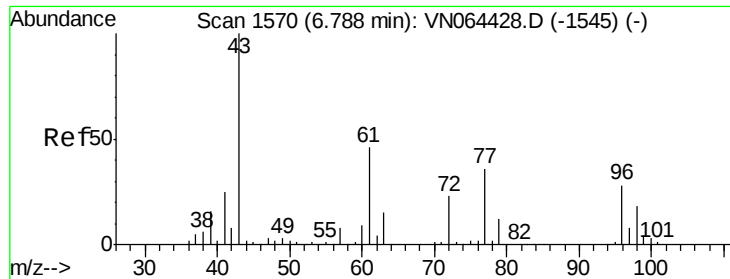
50000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 269.729 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 689720

Ion Ratio Lower Upper

43 100

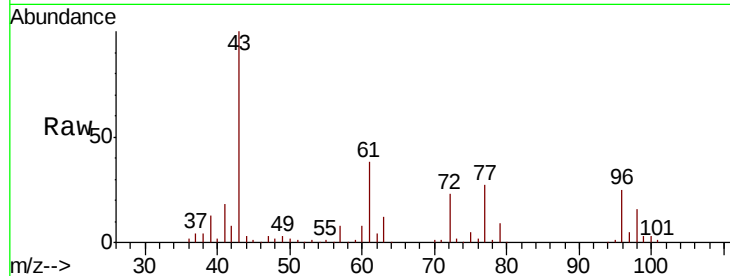
72 23.4 18.5 27.7

Manual Integrations

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11/6/2020 8:50:53 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

250000

200000

150000

100000

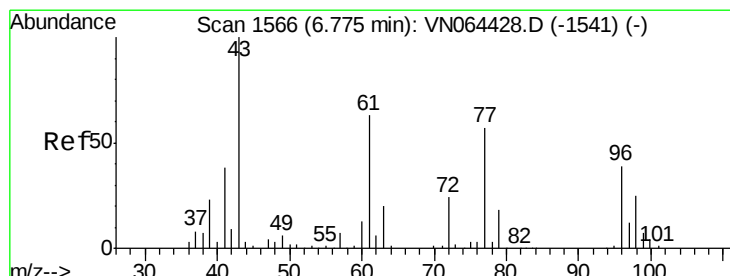
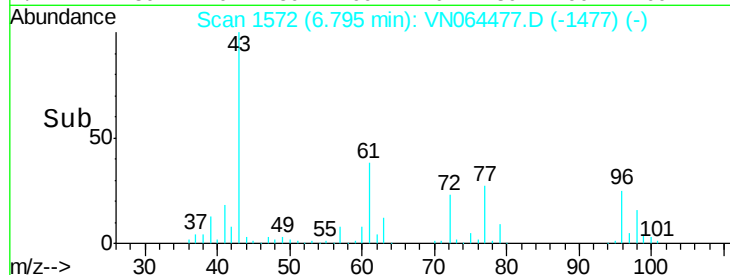
50000

0

6.79

6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 42.338 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064477.D

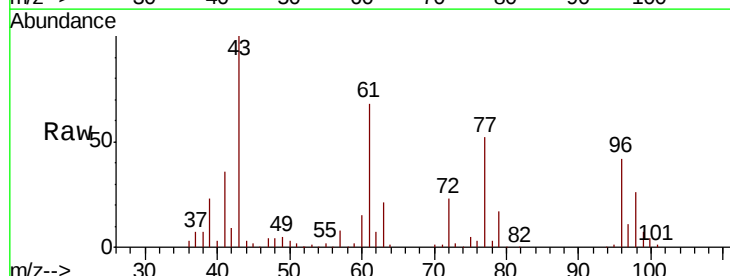
Acq: 5 Nov 2020 21:45

Tgt Ion: 77 Resp: 282903

Ion Ratio Lower Upper

77 100

97 21.0 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

100000

80000

60000

40000

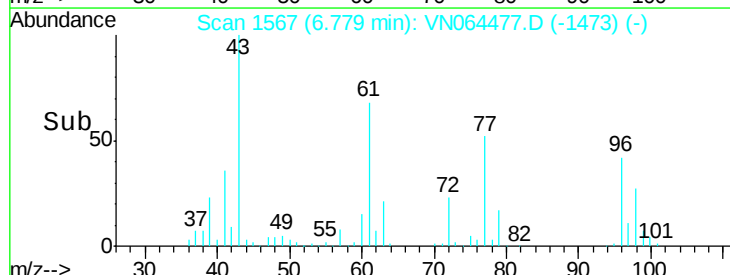
20000

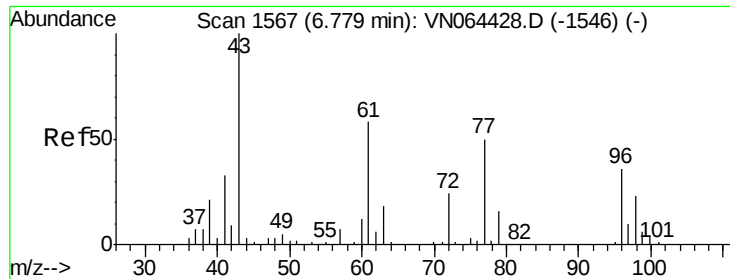
0

6.78

6.70 6.80 6.90

Time-->





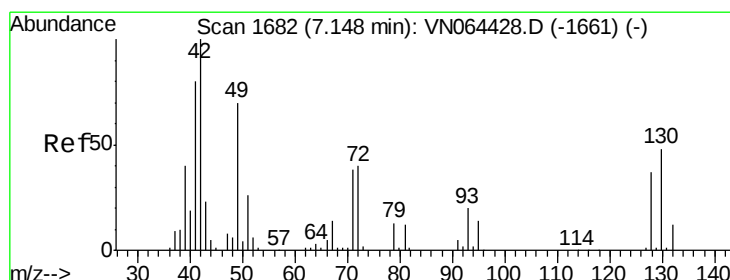
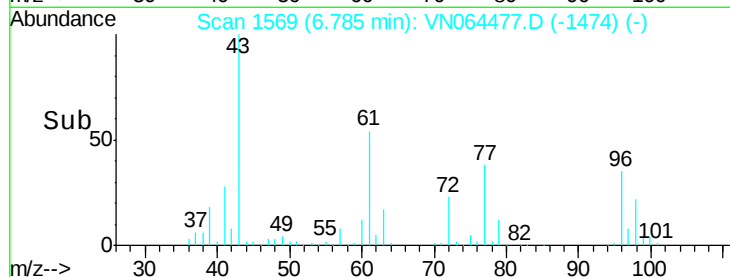
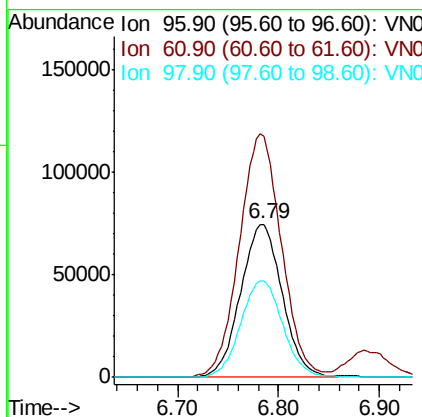
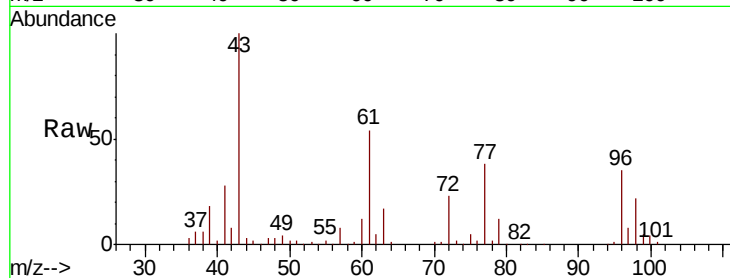
#27
 cis-1,2-Dichloroethene
 Concen: 50.230 ug/l
 RT: 6.79 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	329.6
98	64.2	0.0	131.2

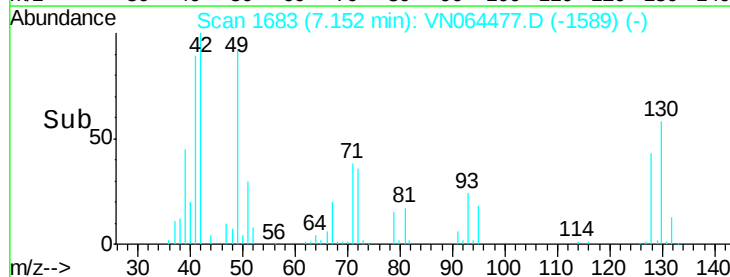
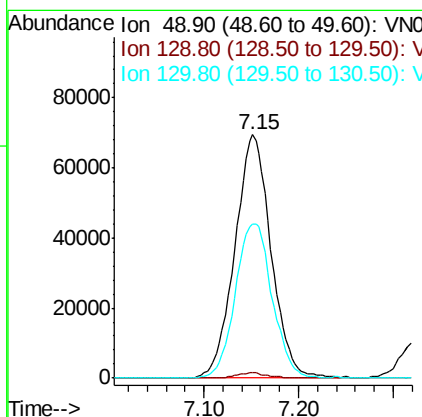
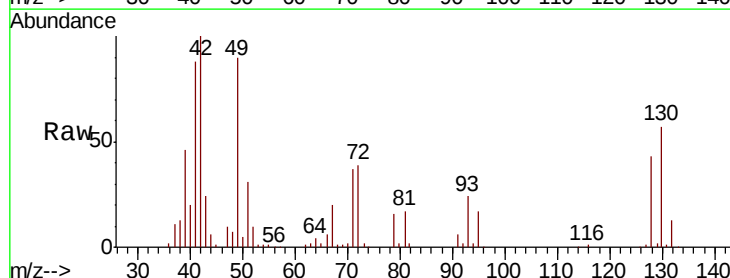
Manual Integrations
 APPROVED

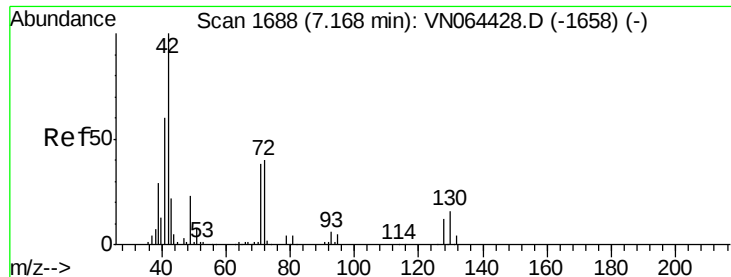
MMDadoda
 11/6/2020 8:50:53 AM



#28
 Bromochloromethane
 Concen: 50.820 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	64.6	54.2	81.4





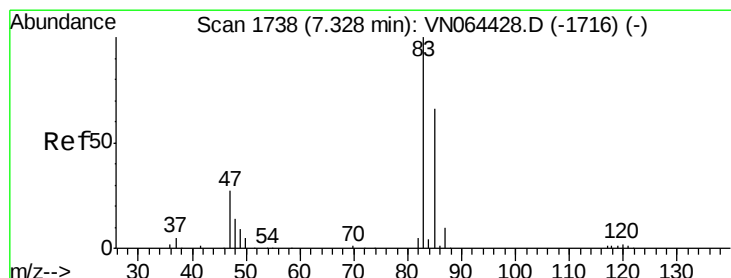
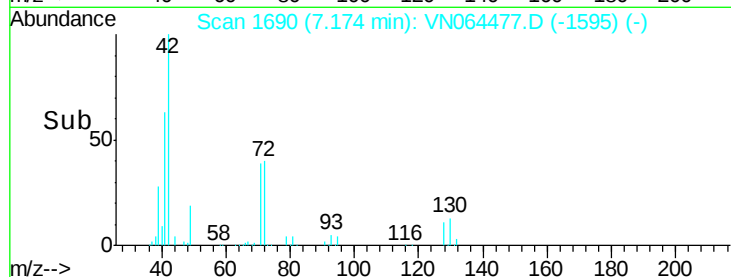
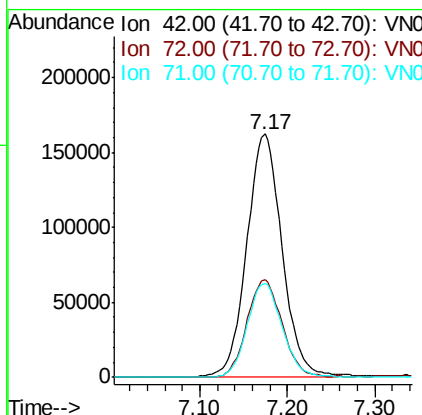
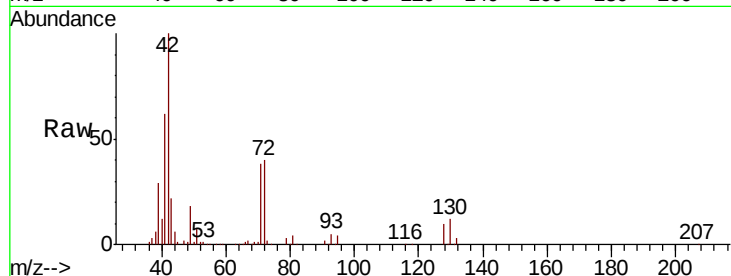
#29
Tetrahydrofuran
Concen: 288.238 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	31.7	47.5
71	38.6	29.8	44.6

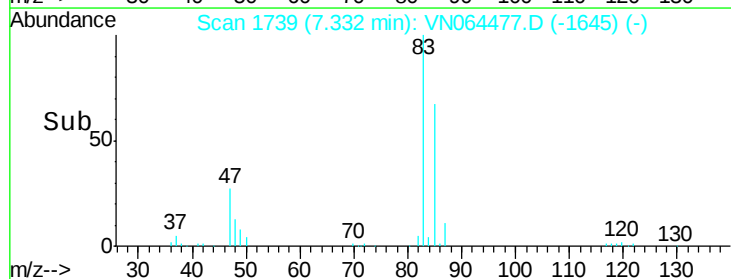
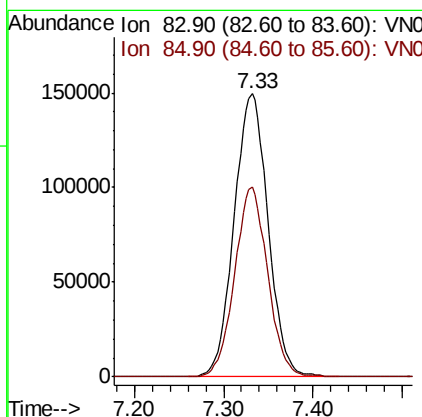
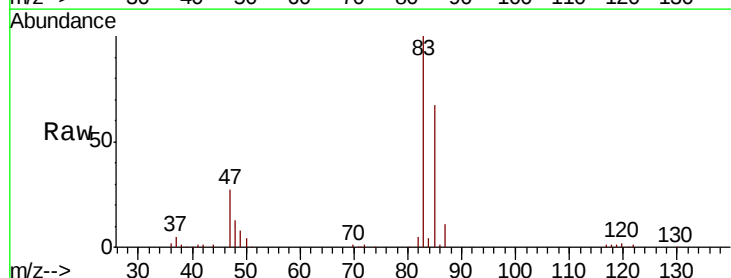
Manual Integrations
APPROVED

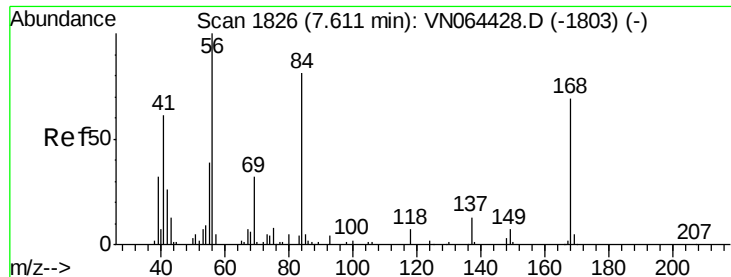
MMDadoda
11/6/2020 8:50:53 AM



#30
Chloroform
Concen: 50.963 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.5	78.7





#31

Cyclohexane

Concen: 46.006 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 294647

Ion Ratio Lower Upper

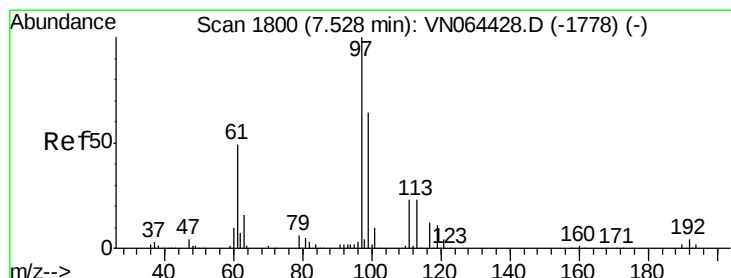
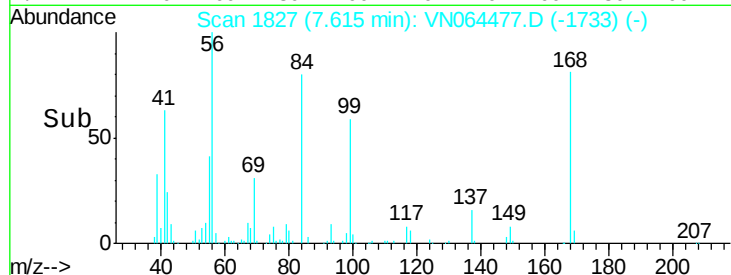
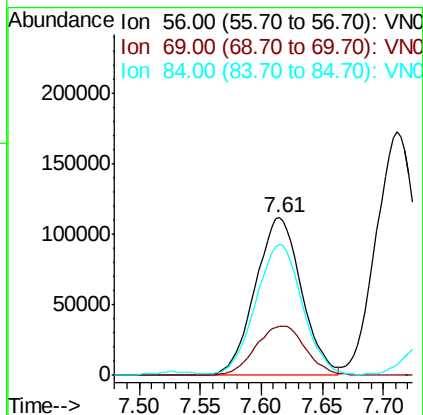
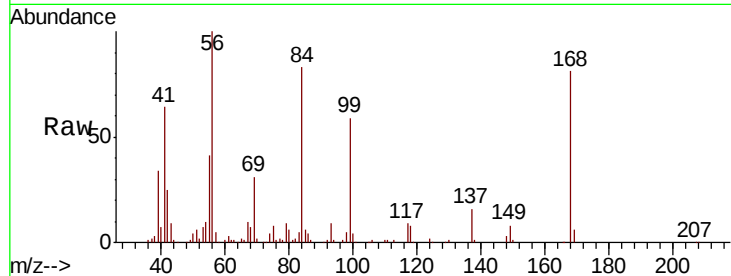
56 100

69 31.0 25.6 38.4

84 81.3 63.0 94.6

Manual Integrations
APPROVED

MMDadoda
11/6/2020 8:50:53 AM



#32

1,1,1-Trichloroethane

Concen: 50.933 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

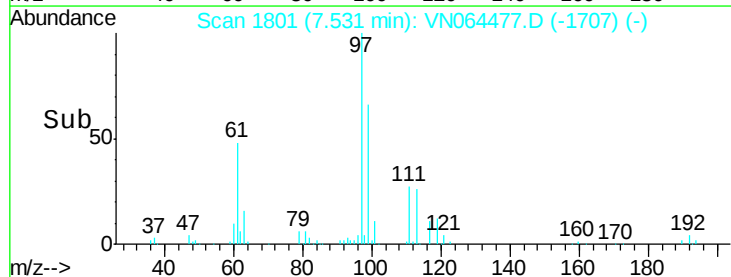
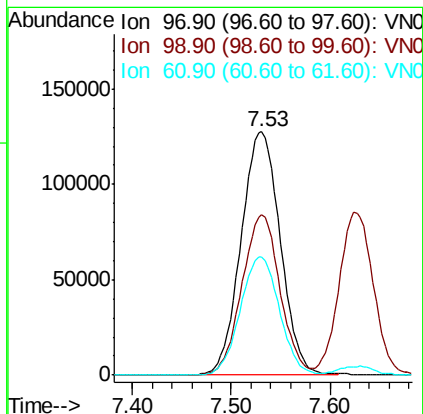
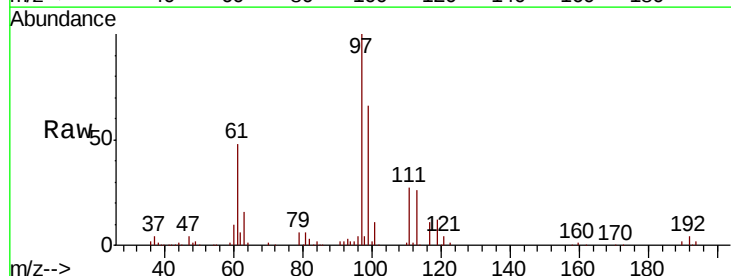
Tgt Ion: 97 Resp: 350511

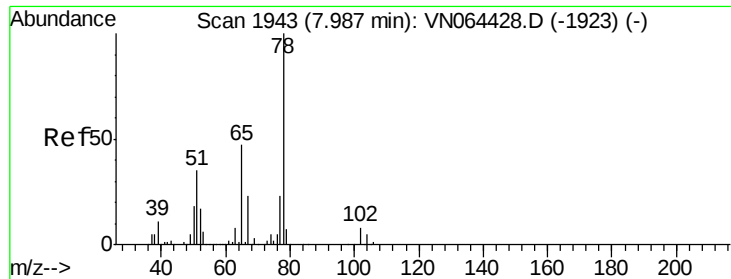
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 48.6 39.1 58.7





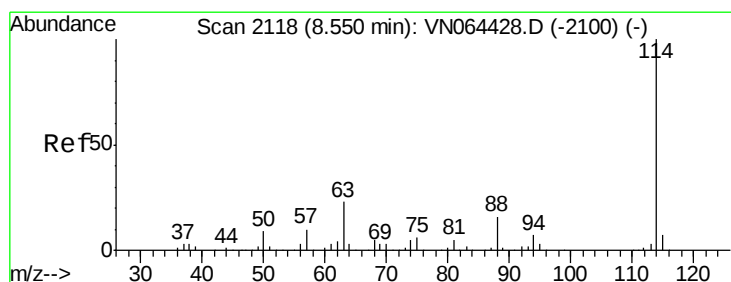
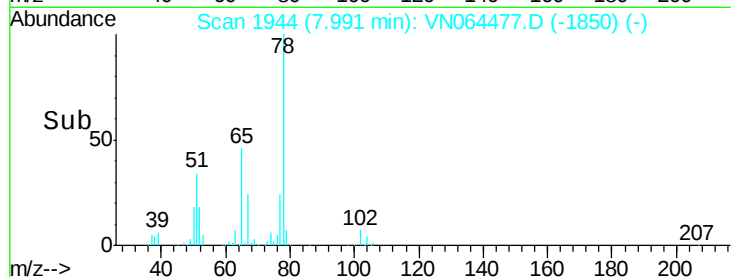
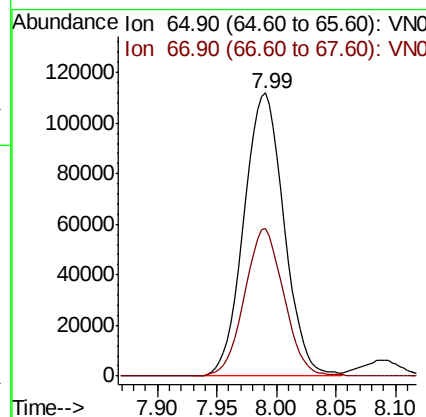
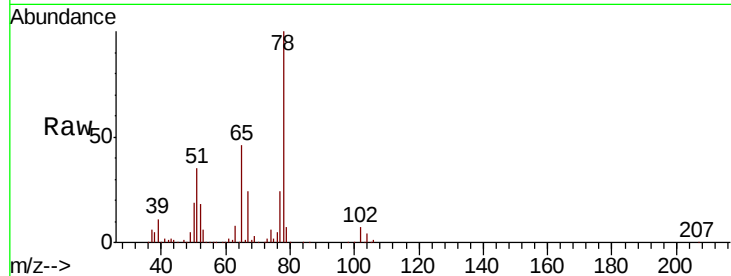
#33
 1,2-Dichloroethane-d4
 Concen: 49.805 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6

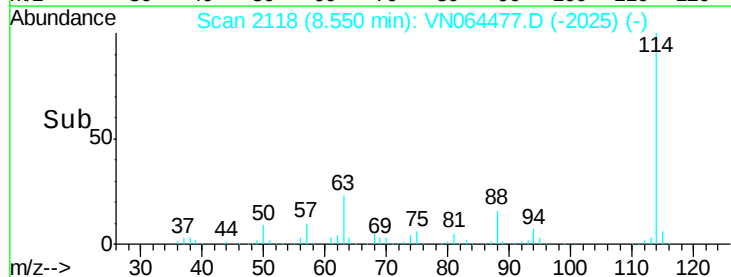
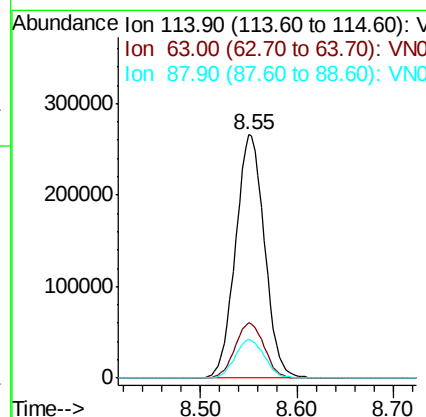
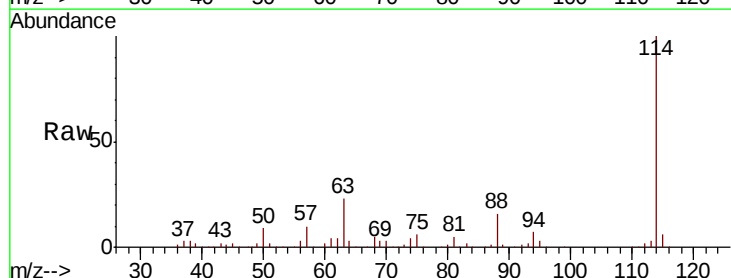
Manual Integrations
 APPROVED

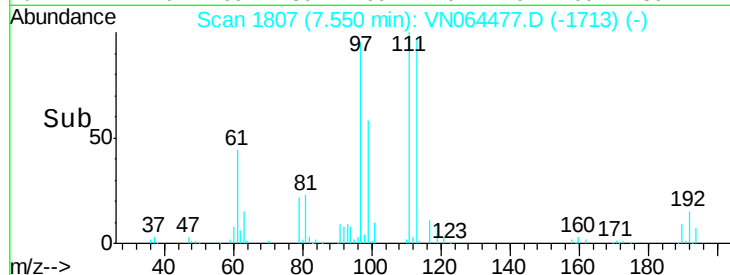
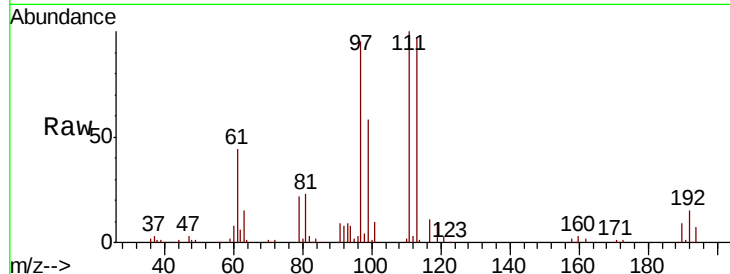
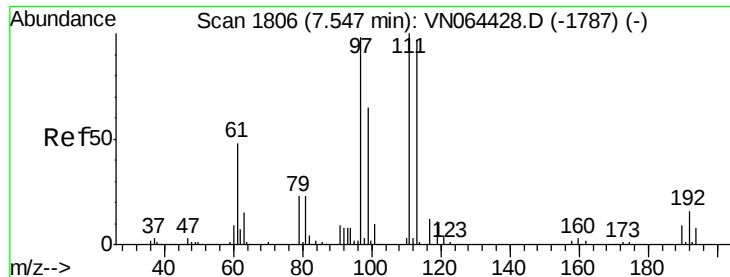
MMDadoda
 11/6/2020 8:50:53 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.6
88	16.1	0.0	32.8





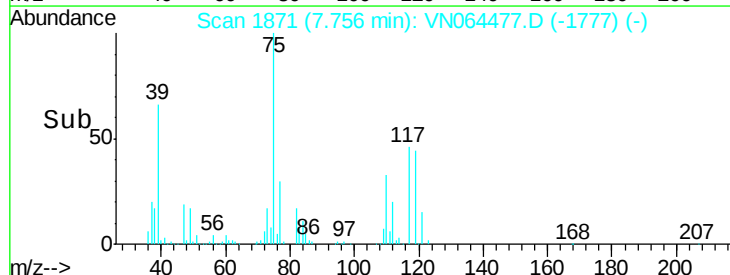
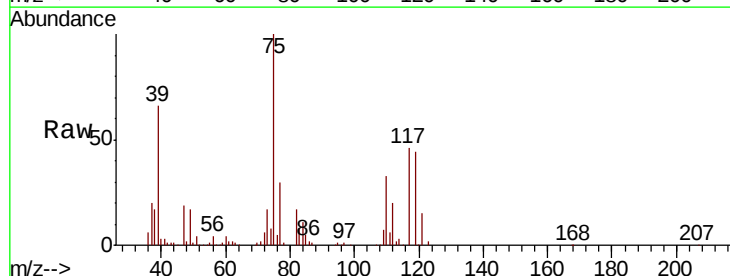
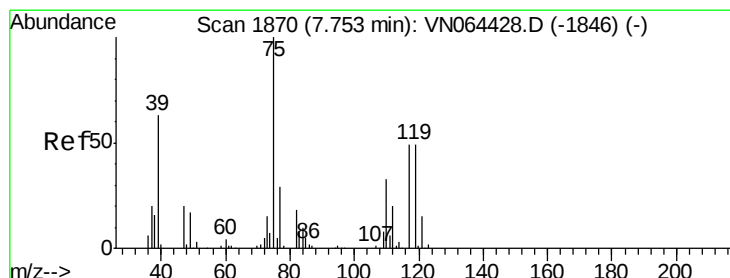
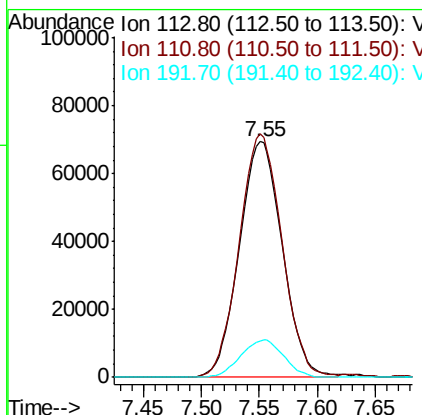
#35
Dibromofluoromethane
Concen: 47.491 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178897		
111	102.4	81.1	121.7	
192	15.9	12.8	19.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

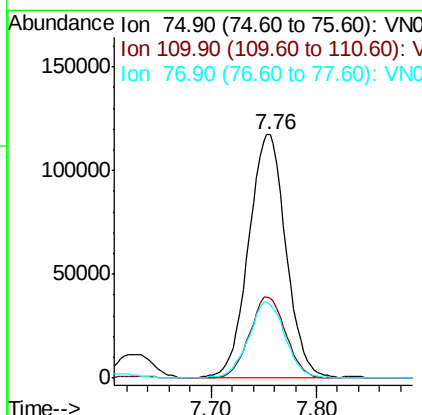
Manual Integrations
APPROVED

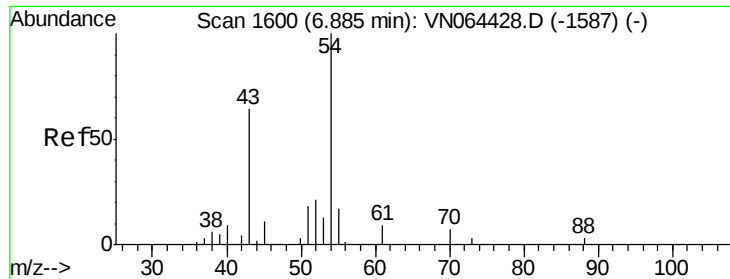
MMDadoda
11/6/2020 8:50:53 AM



#36
1,1-Dichloropropene
Concen: 49.272 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	287987		
110	32.6	16.0	48.0	
77	30.9	24.0	36.0	





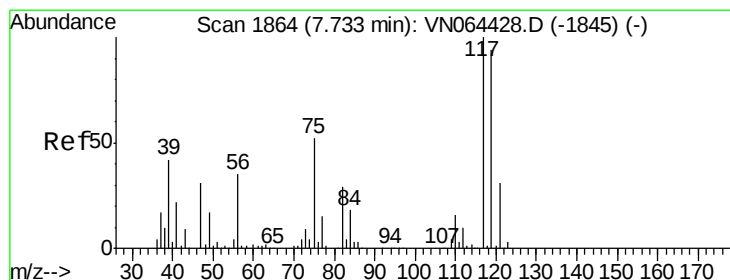
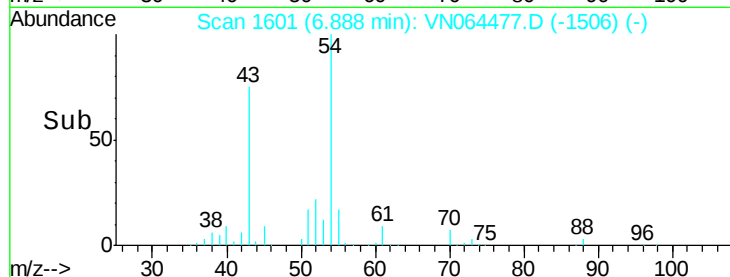
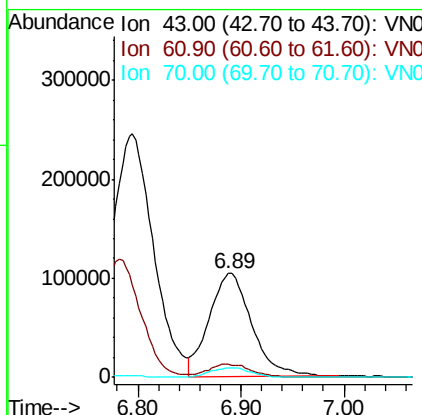
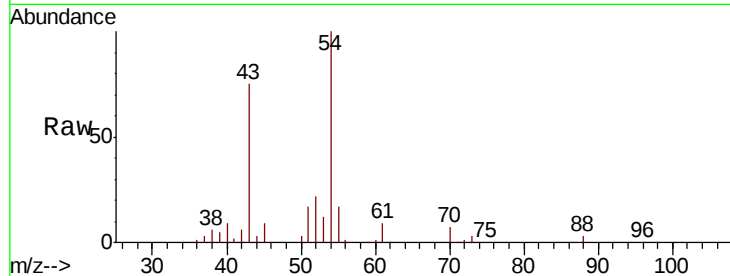
#37
Ethyl Acetate
Concen: 50.231 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.0	15.0
70	9.1	7.1	10.7

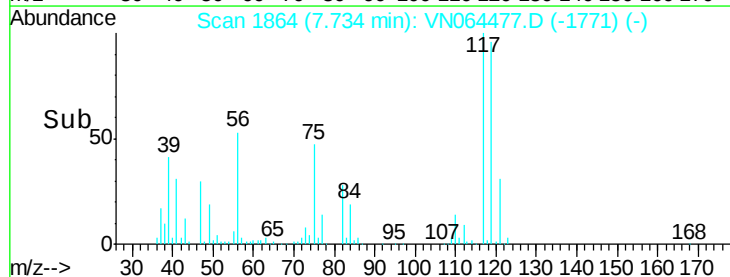
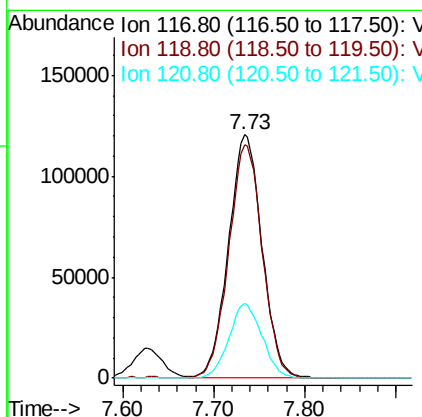
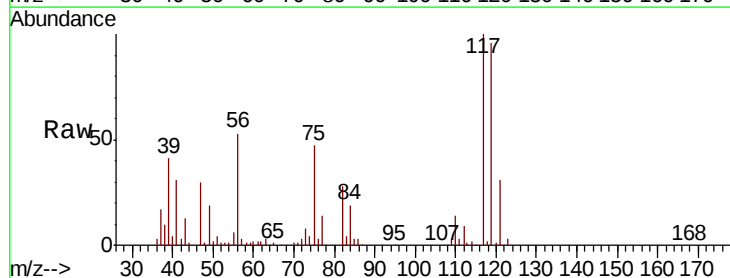
Manual Integrations
APPROVED

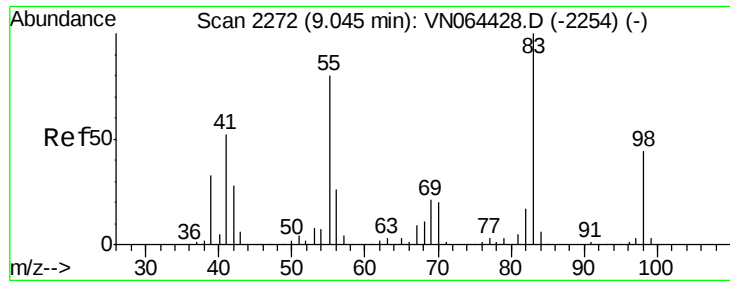
MMDadoda
11/6/2020 8:50:53 AM



#38
Carbon Tetrachloride
Concen: 49.384 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.5	113.3
121	30.6	24.4	36.6





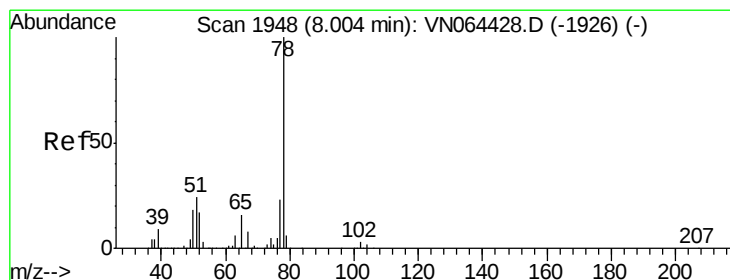
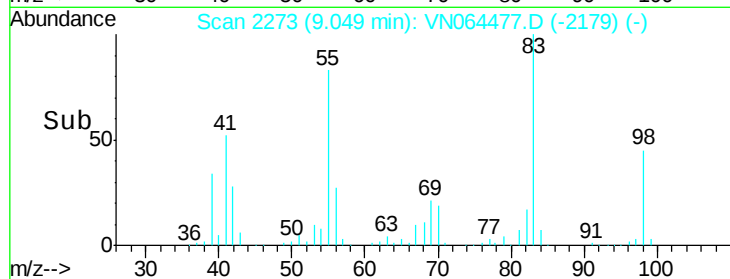
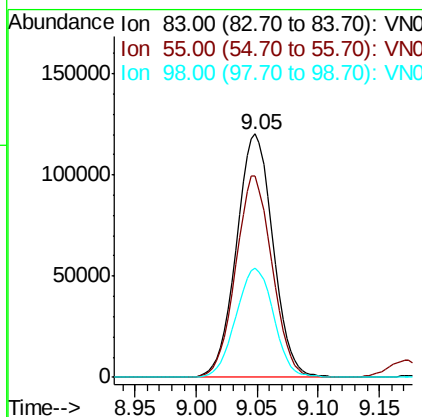
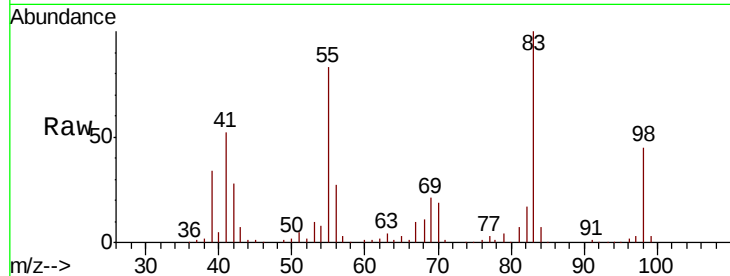
#39
Methvlcvclohexane
Concen: 47.606 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	249429
Ion Ratio	Lower	Upper	
83	100		
55	82.7	63.8	95.6
98	44.9	35.4	53.2

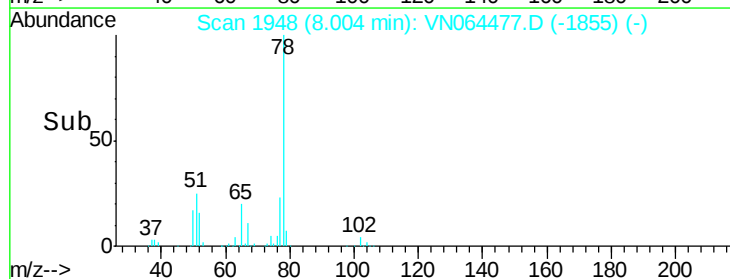
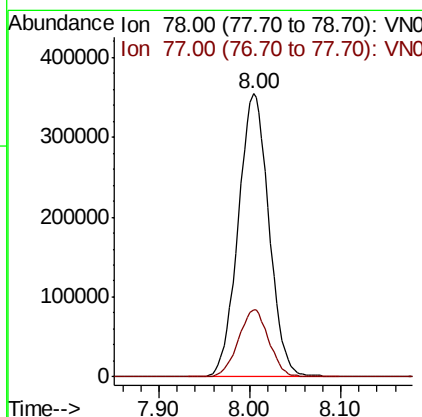
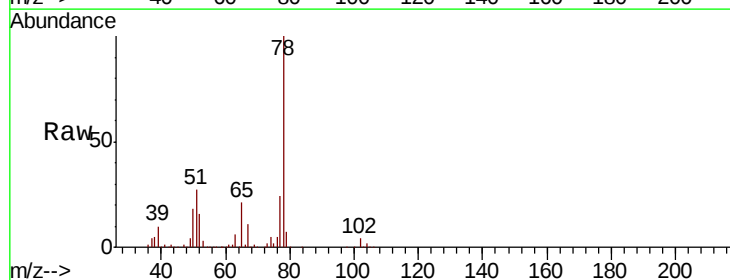
Manual Integrations
APPROVED

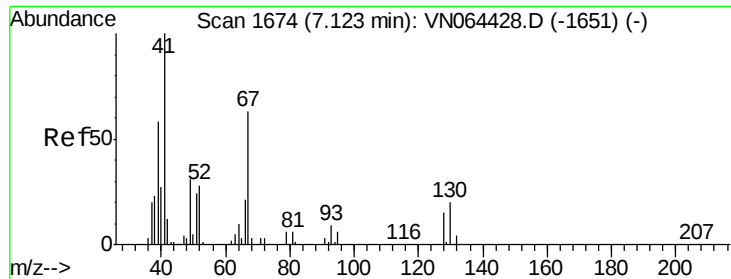
MMDadoda
11/6/2020 8:50:53 AM



#40
Benzene
Concen: 48.400 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	78	Resp	831260
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.7	28.1





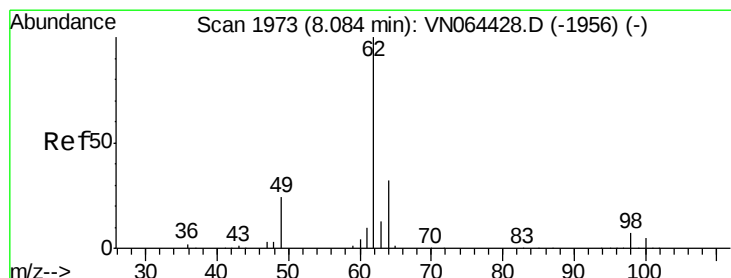
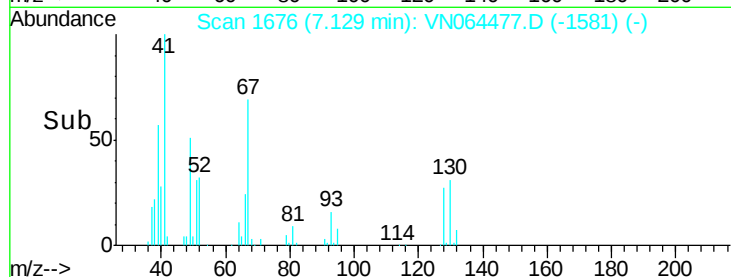
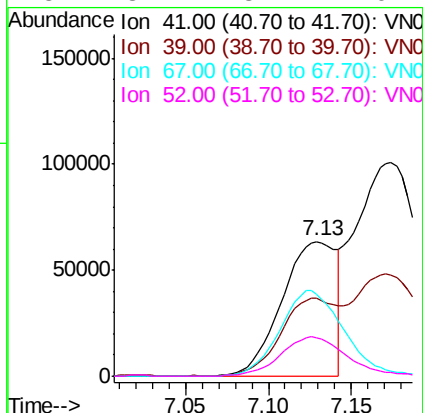
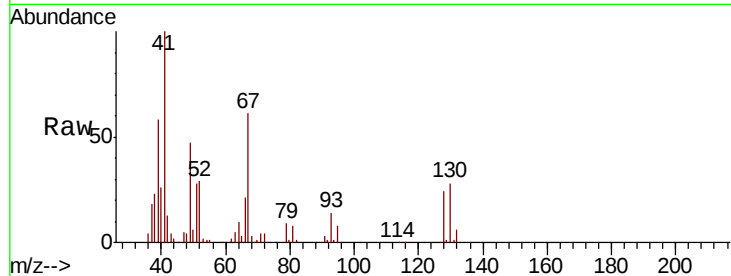
#41
Methacrylonitrile
Concen: 56.162 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.5	50.0	75.0	
67	74.5	68.3	102.5	
52	34.4	32.7	49.1	

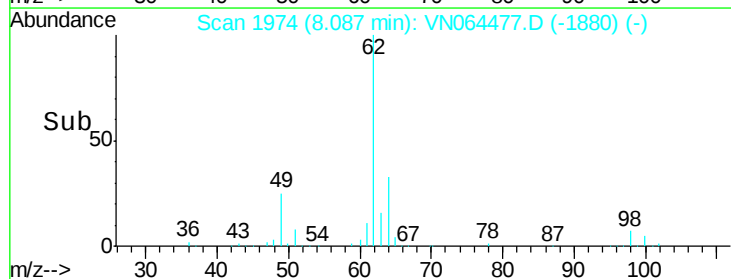
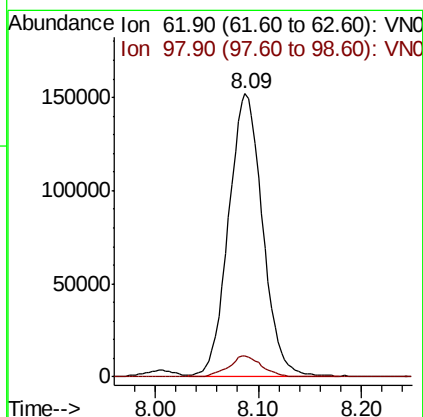
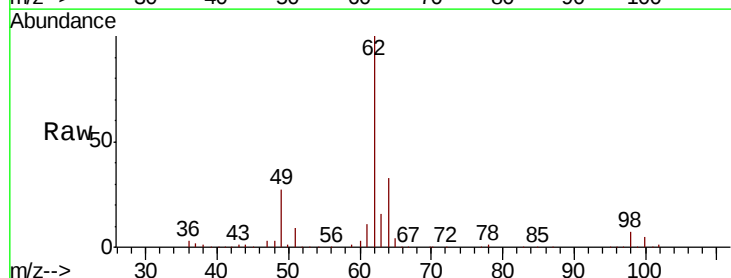
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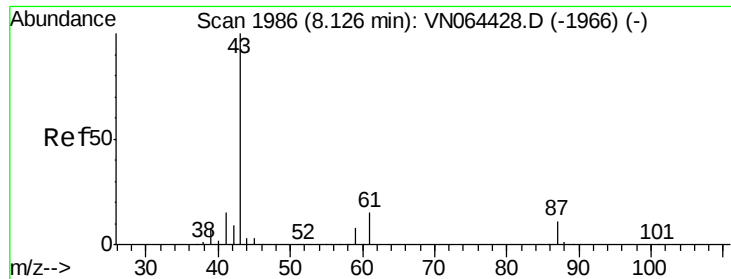
MMDadoda
11/6/2020 8:50:53 AM



#42
1,2-Dichloroethane
Concen: 50.130 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.1	0.0	14.0	





#43

Isopropyl Acetate

Concen: 52.264 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

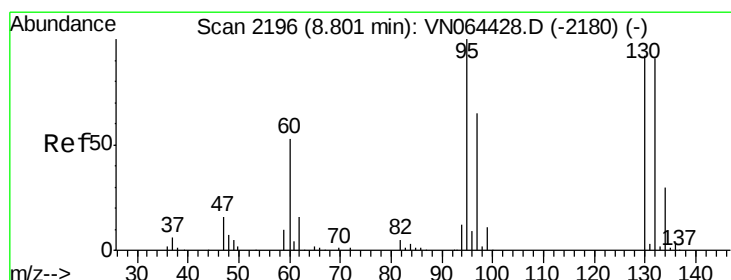
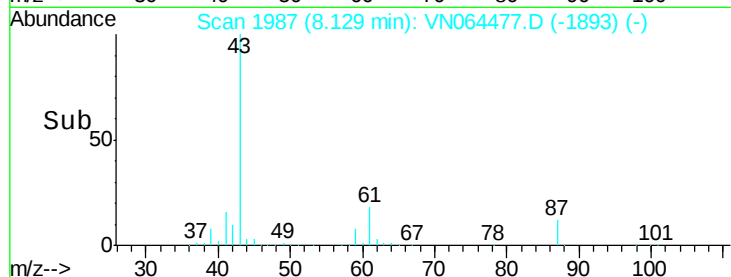
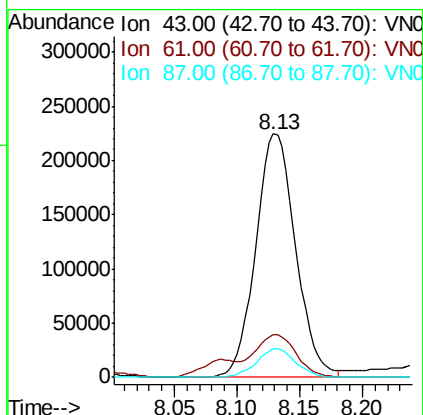
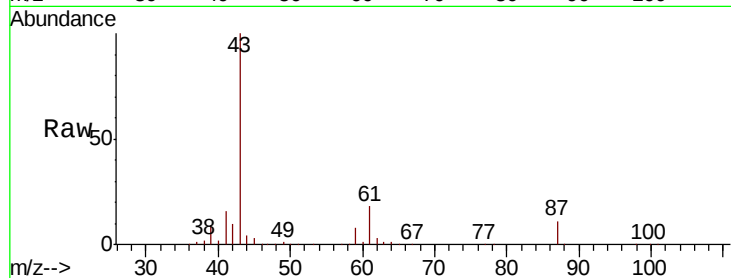
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	495040
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.0	21.0
87	11.6	9.1	13.7

Manual Integrations
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MMDadoda
11/6/2020 8:50:53 AM



#44

Trichloroethene

Concen: 47.226 ug/l

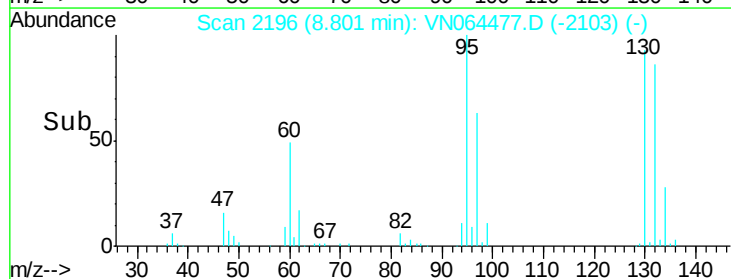
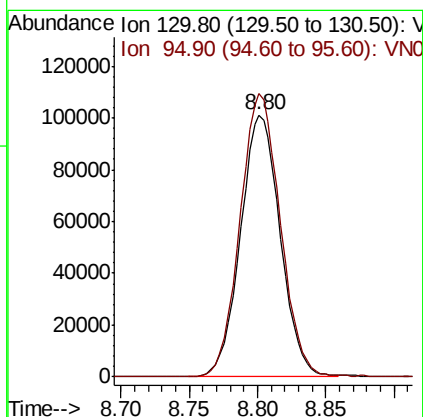
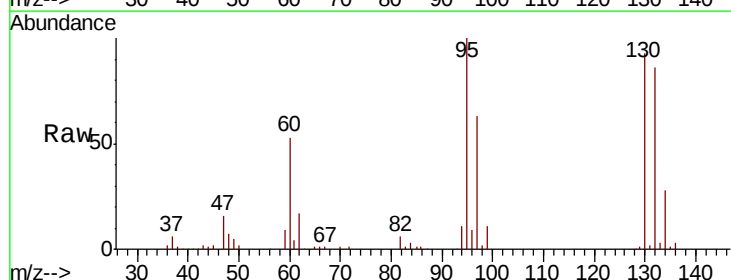
RT: 8.80 min Scan# 2196

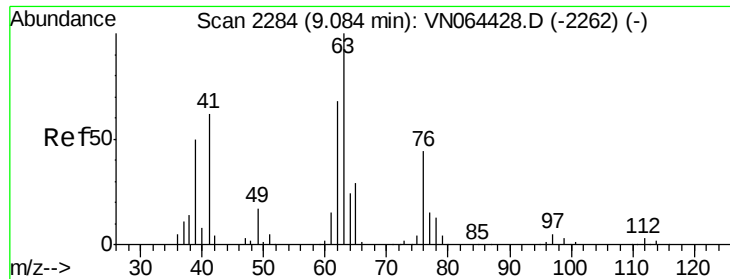
Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Tgt Ion:	130	Resp:	204641
Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	216.8





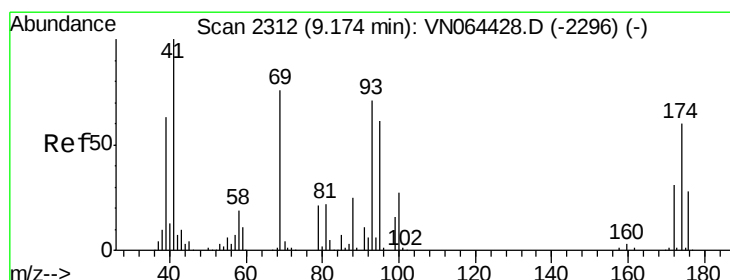
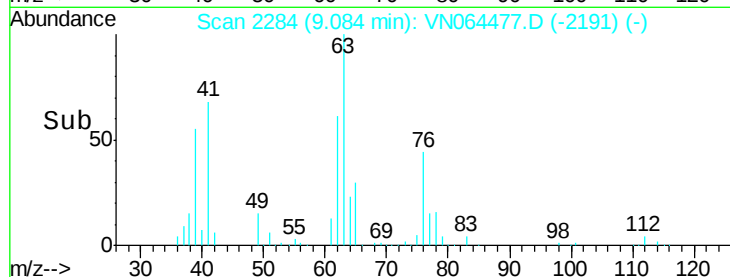
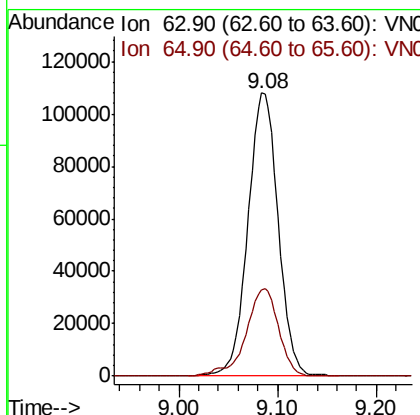
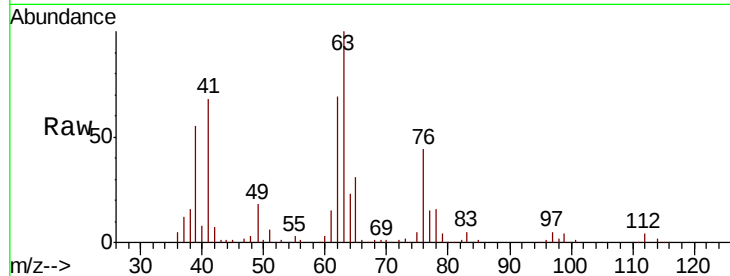
#45
 1,2-Dichloropropane
 Concen: 49.759 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 228031
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.6 35.4

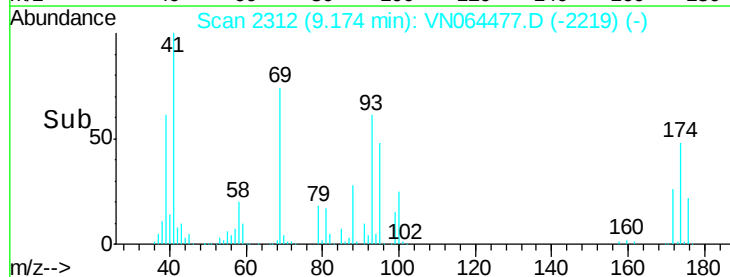
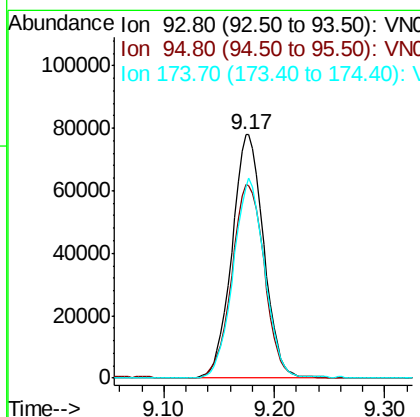
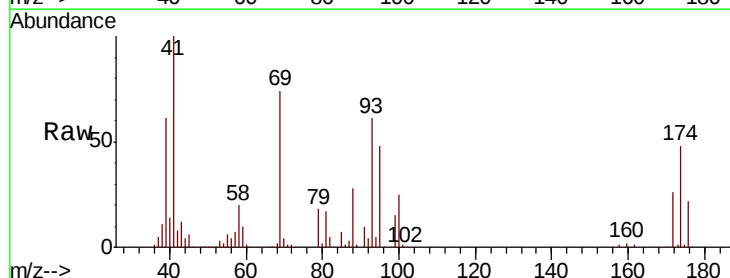
Manual Integrations
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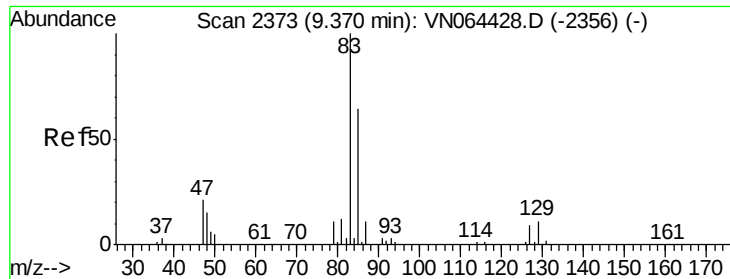
MMDadoda
 11/6/2020 8:50:53 AM



#46
 Dibromomethane
 Concen: 51.522 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion: 93 Resp: 155428
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.4 99.6
 174 80.9 67.2 100.8





#47

Bromodichloromethane

Concen: 50.937 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

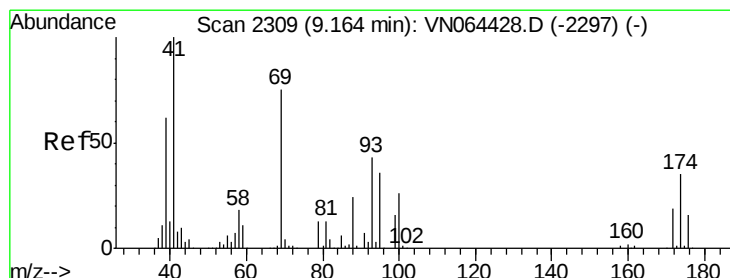
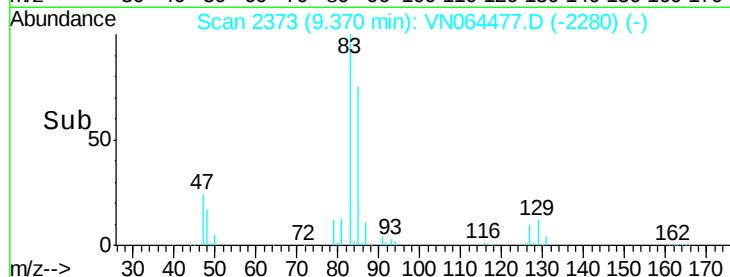
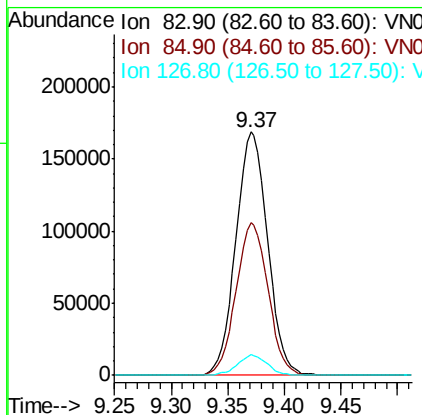
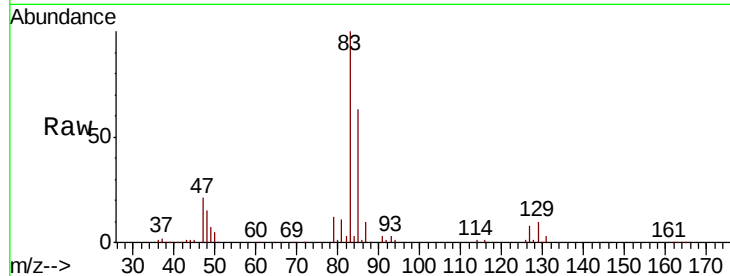
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	330404
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.2	76.8
127	8.3	6.9	10.3

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MMDadoda
11/6/2020 8:50:53 AM



#48

Methyl methacrylate

Concen: 54.234 ug/l

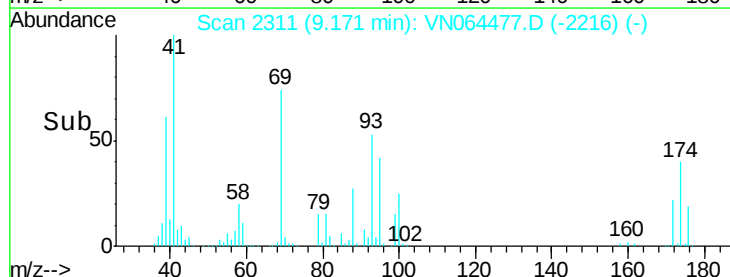
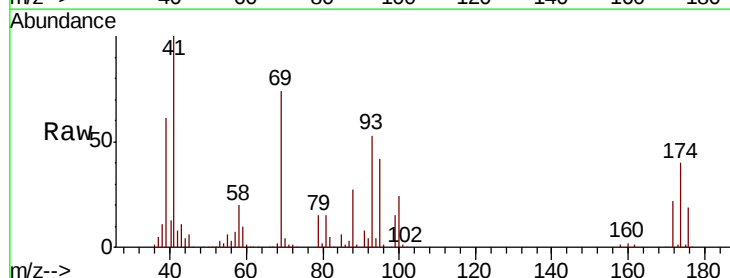
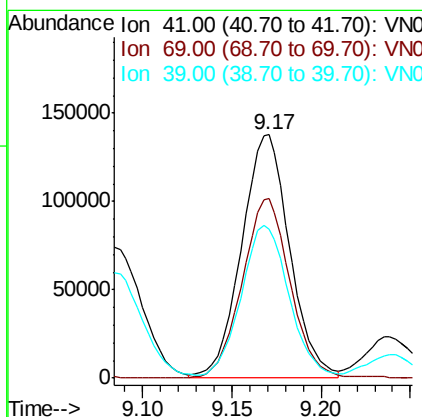
RT: 9.17 min Scan# 2311

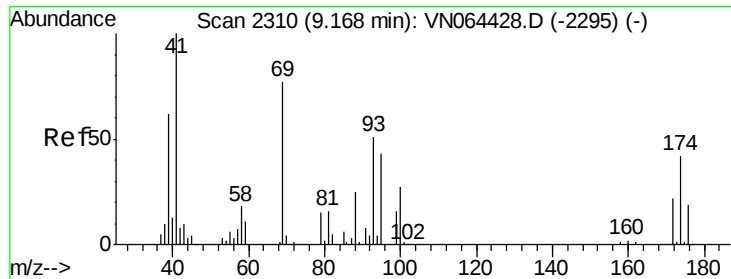
Delta R.T. 0.01 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Tgt Ion:	41	Resp:	259218
Ion Ratio	Lower	Upper	
41	100		
69	74.0	60.4	90.6
39	63.0	51.2	76.8





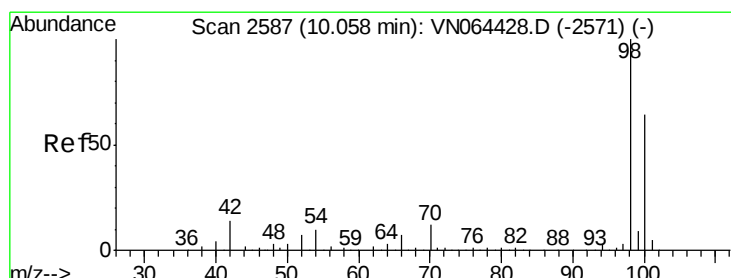
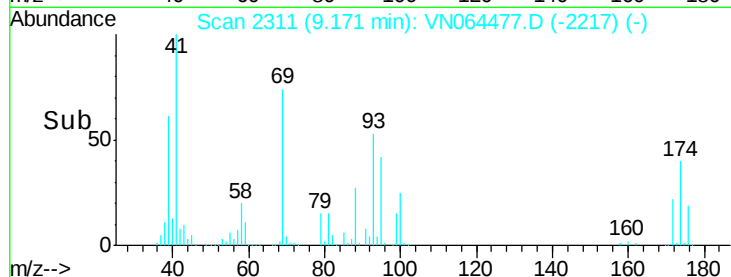
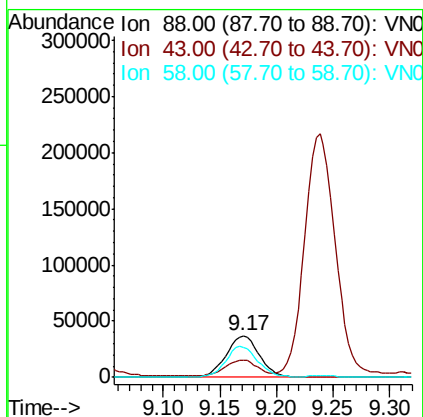
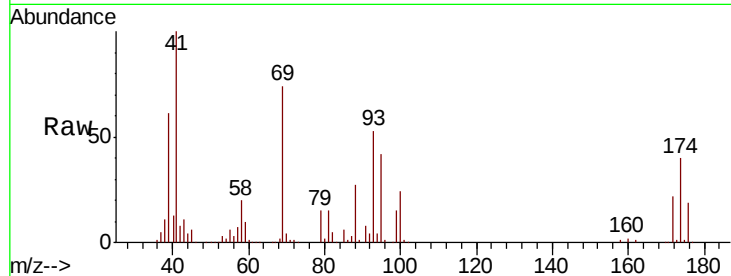
#49
1,4-Dioxane
Concen: 1209.614 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.1	31.0	46.6
58	71.5	58.4	87.6

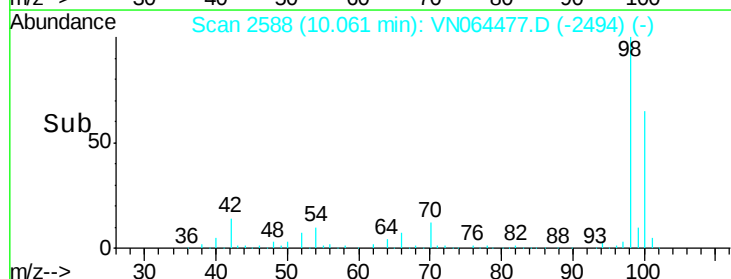
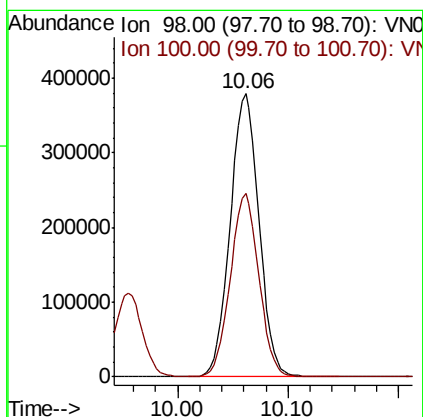
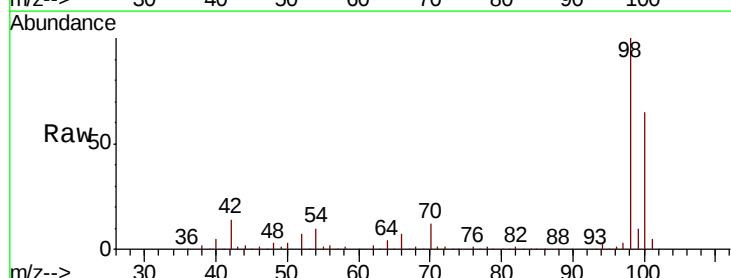
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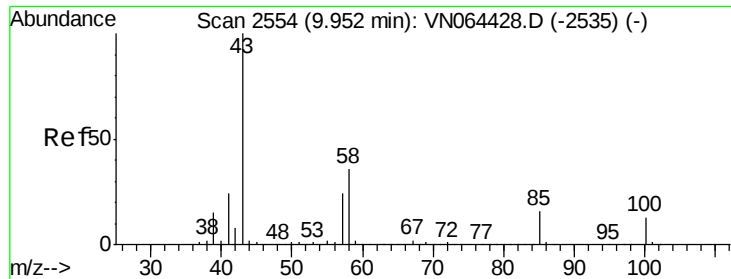
MMDadoda
11/6/2020 8:50:53 AM



#50
Toluene-d8
Concen: 47.235 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1





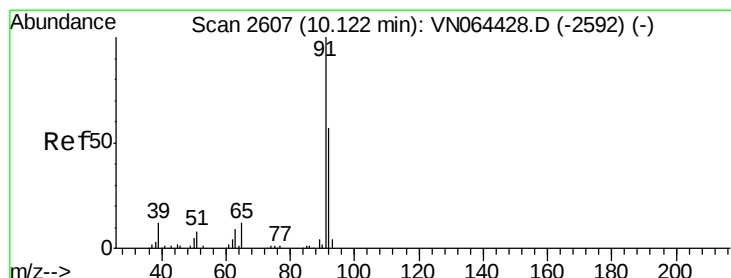
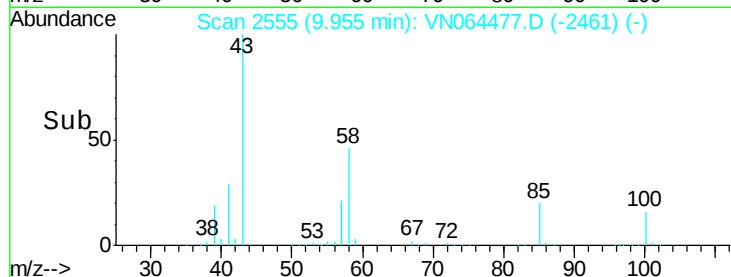
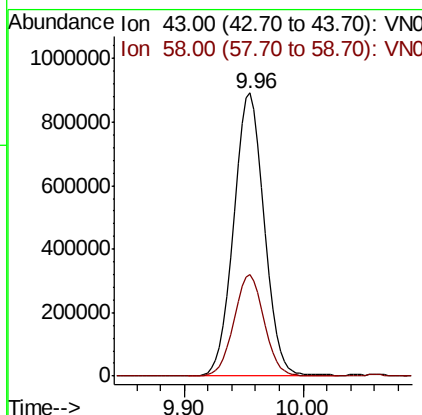
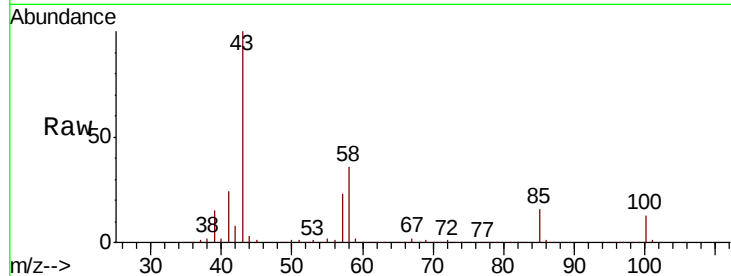
#51
4-Methyl-2-Pentanone
Concen: 285.751 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1578430
Ion Ratio Lower Upper
43 100
58 35.6 28.4 42.6

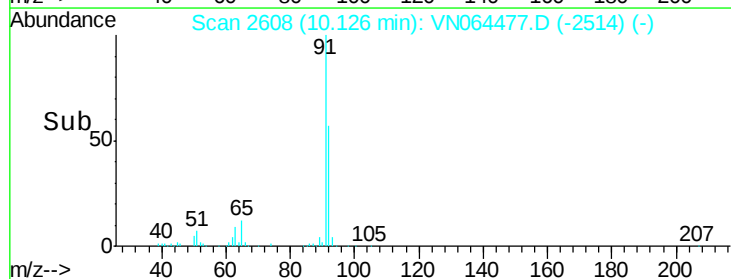
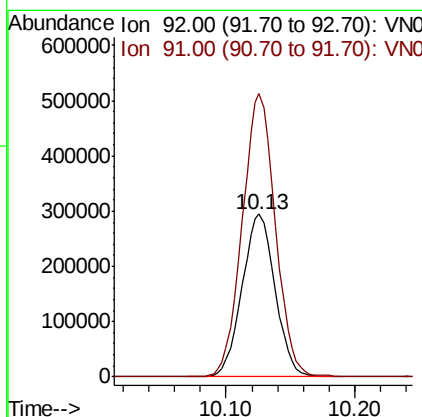
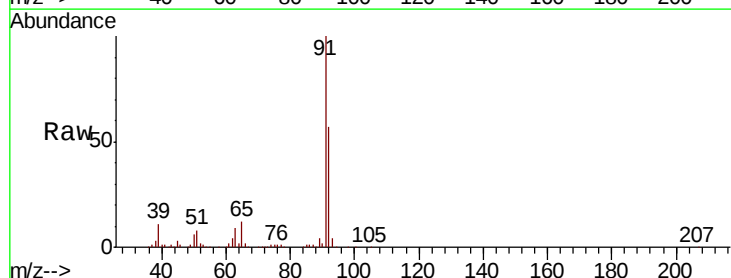
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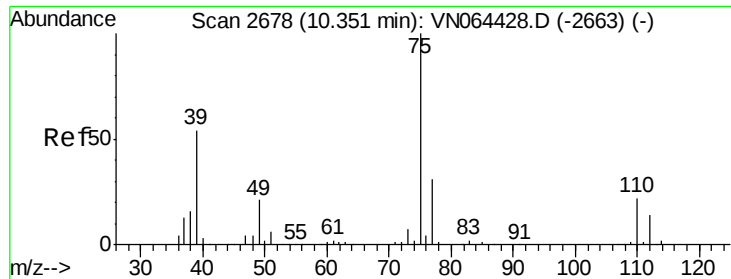
MMDadoda
11/6/2020 8:50:53 AM



#52
Toluene
Concen: 50.149 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion: 92 Resp: 525320
Ion Ratio Lower Upper
92 100
91 174.3 139.6 209.4





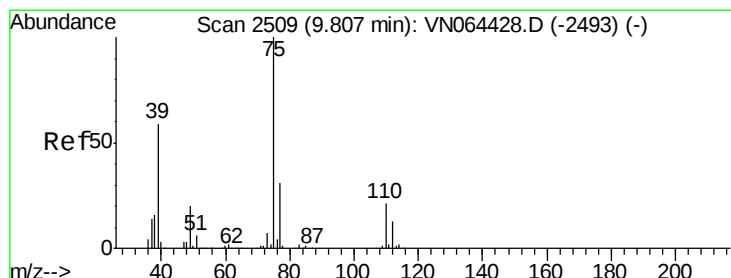
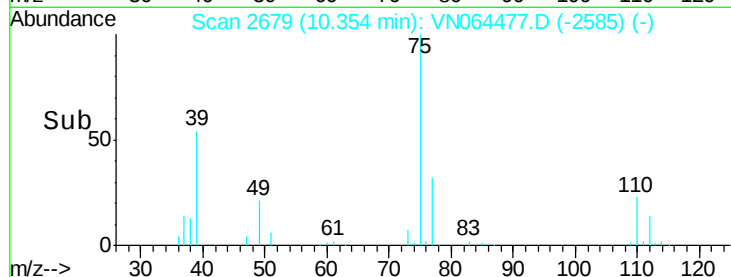
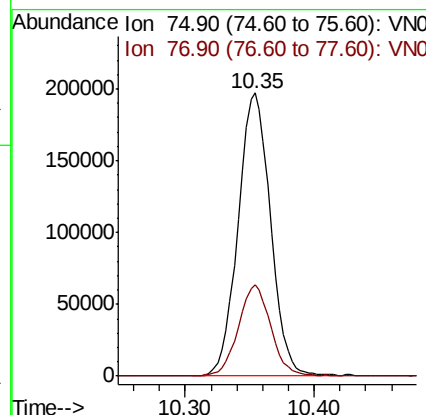
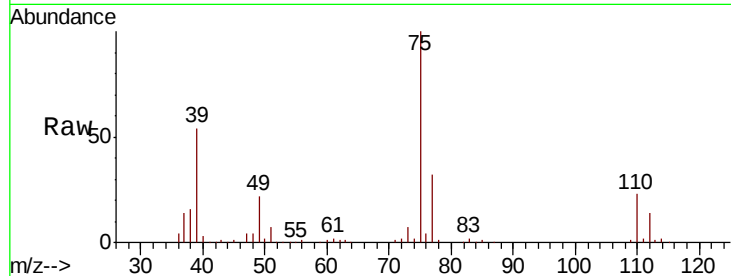
#53
 t-1,3-Dichloropropene
 Concen: 50.131 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 344745
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2

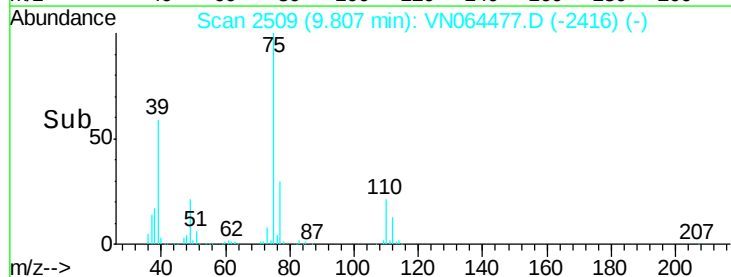
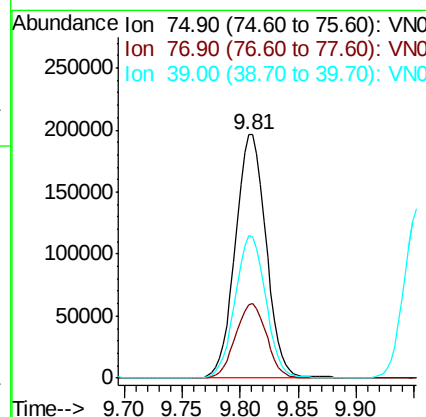
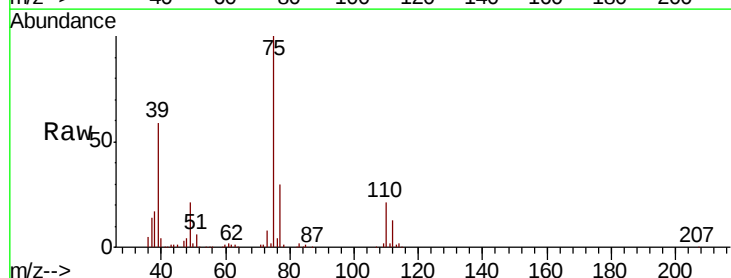
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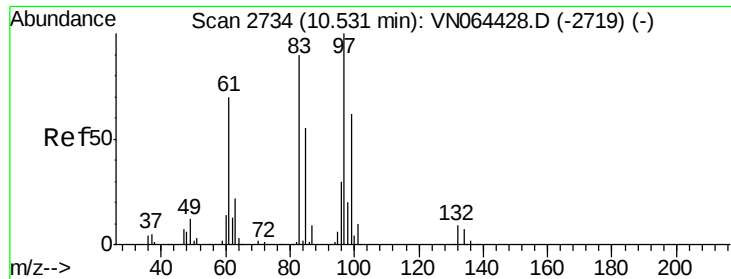
MMDadoda
 11/6/2020 8:50:53 AM



#54
 cis-1,3-Dichloropropene
 Concen: 49.267 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion: 75 Resp: 362239
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.9 37.3
 39 58.6 47.1 70.7





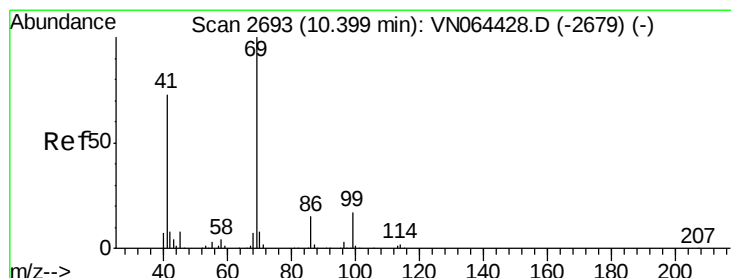
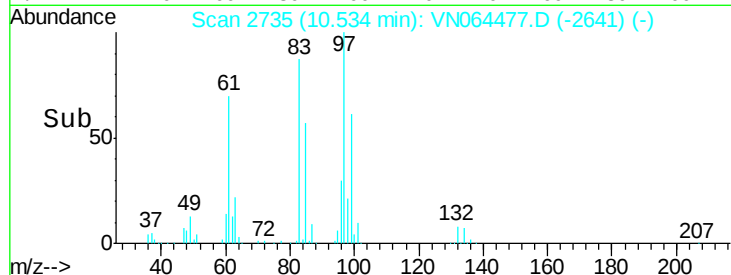
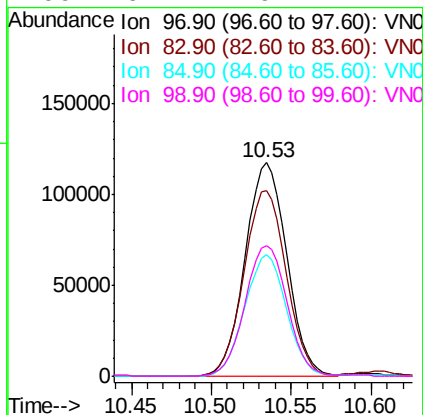
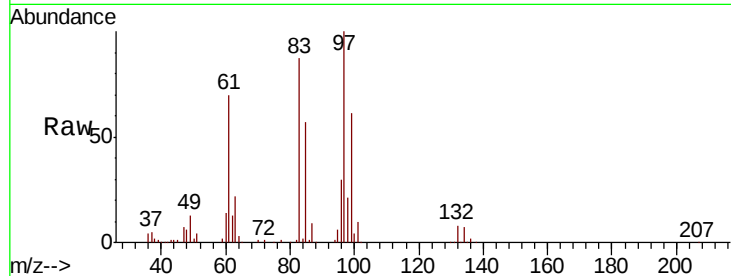
#55
 1,1,2-Trichloroethane
 Concen: 51.297 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	209564
Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.7	107.5
85	57.1	44.3	66.5
99	61.4	49.4	74.2

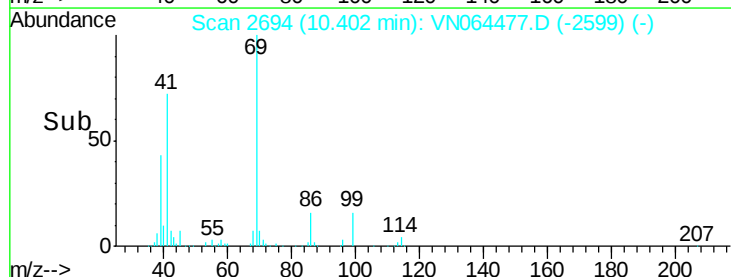
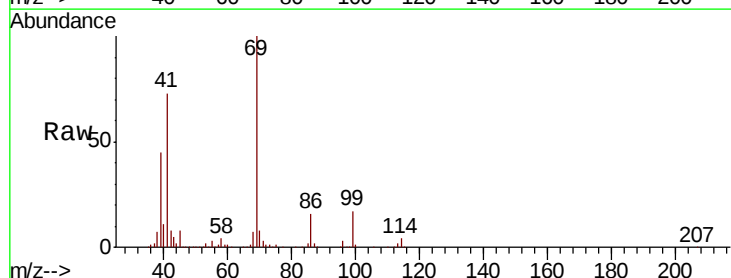
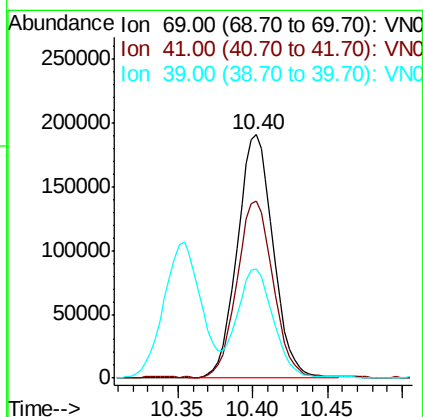
Manual Integrations
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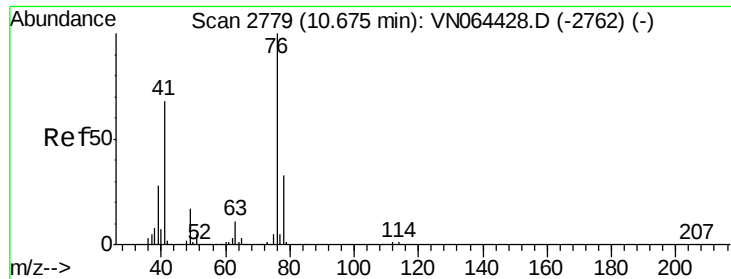
MMDadoda
 11/6/2020 8:50:53 AM



#56
 Ethyl methacrylate
 Concen: 47.461 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion:	69	Resp:	318362
Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.3	88.9
39	44.8	35.4	53.0





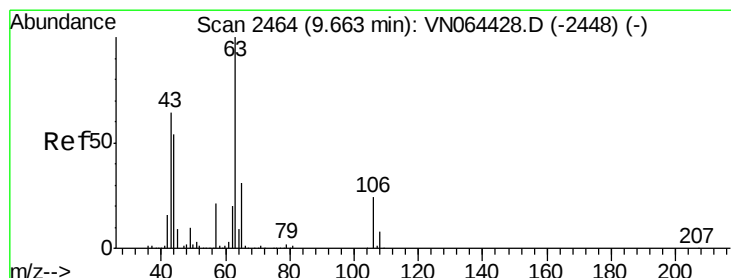
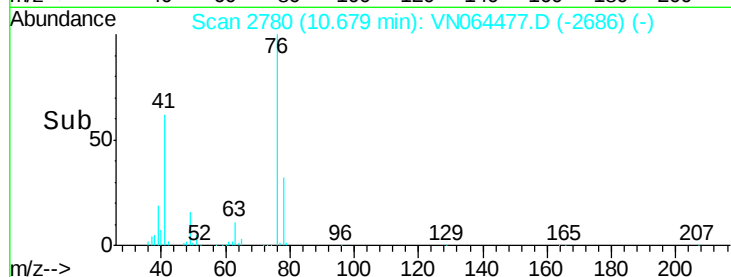
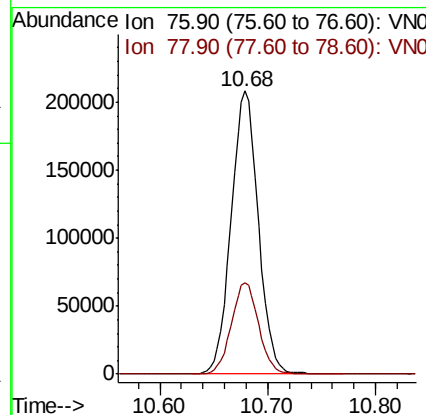
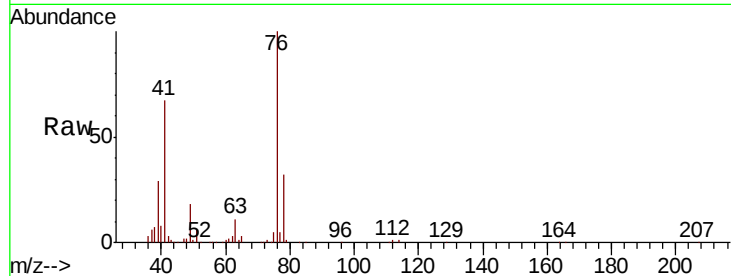
#57
 1,3-Dichloropropane
 Concen: 51.291 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 365743
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6

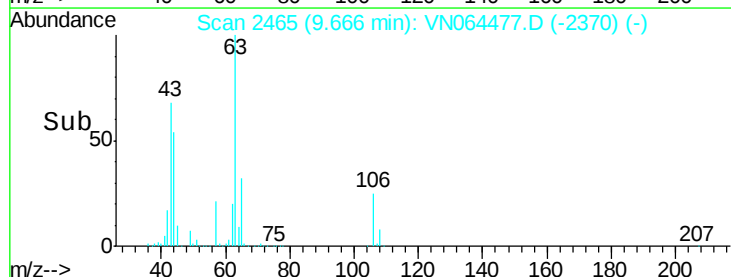
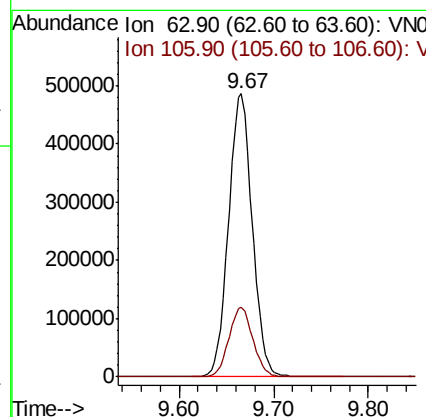
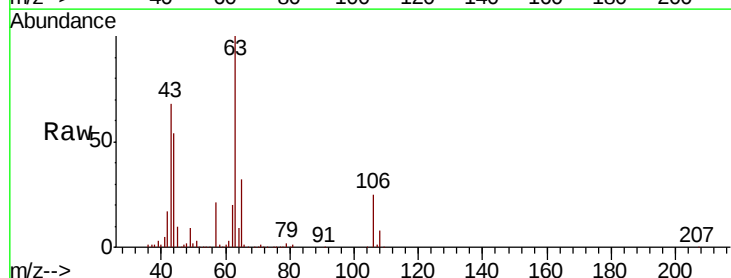
Manual Integrations
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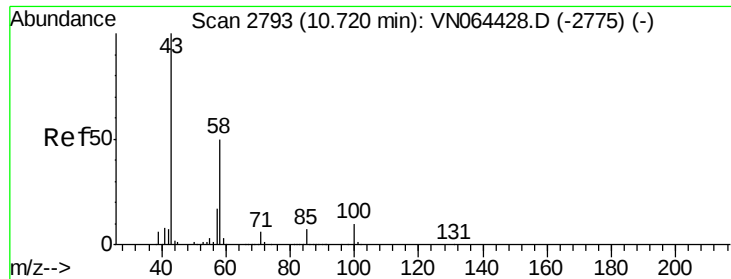
MMDadoda
 11/6/2020 8:50:53 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.680 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion: 63 Resp: 848509
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.5 29.3





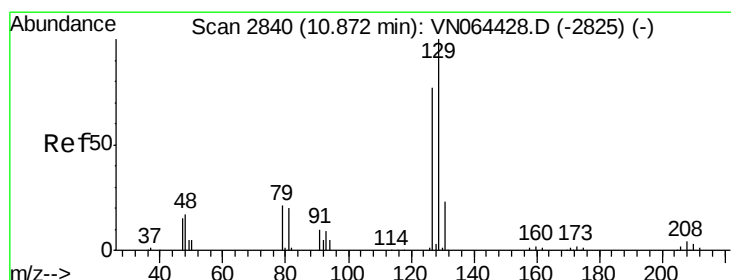
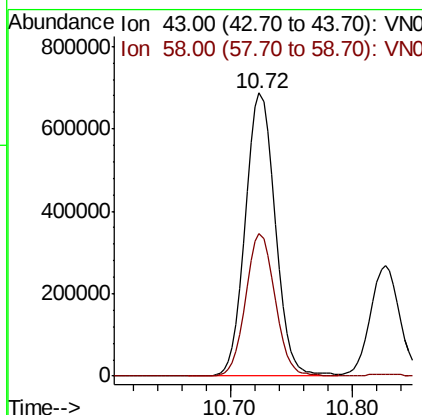
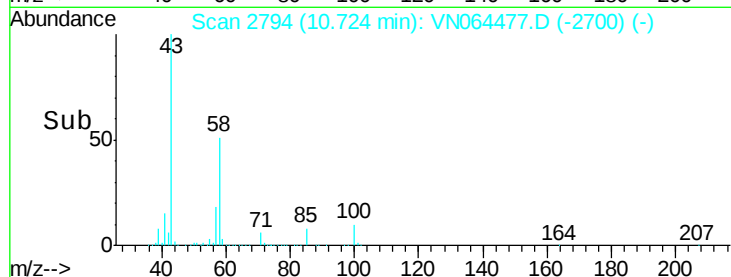
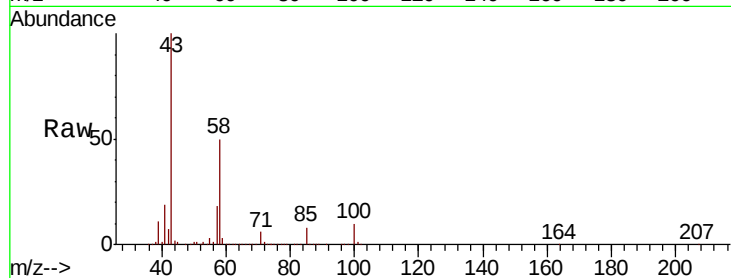
#59
2-Hexanone
Concen: 255.674 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1152054
Ion Ratio Lower Upper
43 100
58 49.8 24.7 74.1

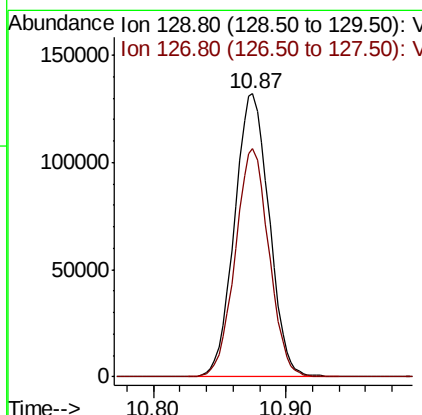
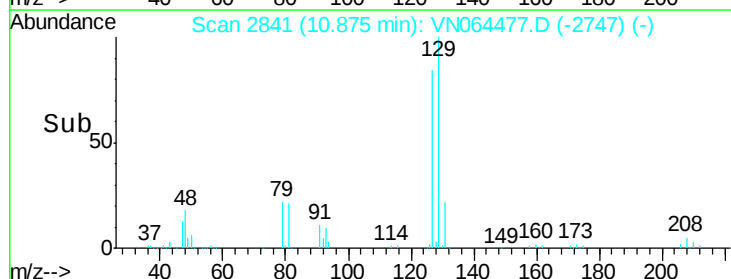
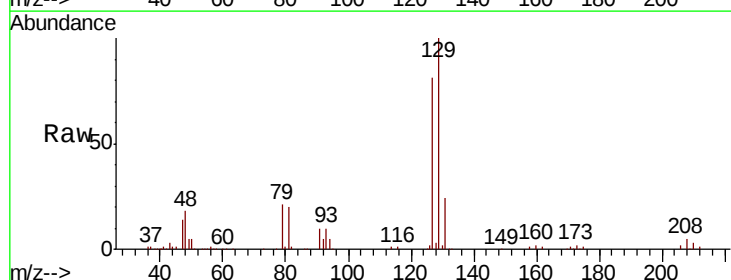
Manual Integrations
APPROVED

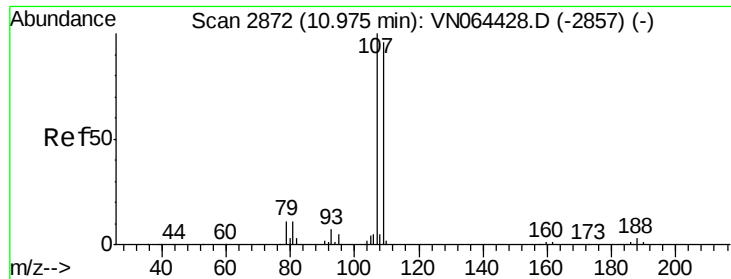
MMDadoda
11/6/2020 8:50:53 AM



#60
Dibromochloromethane
Concen: 52.545 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion: 129 Resp: 240336
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.151 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 220248

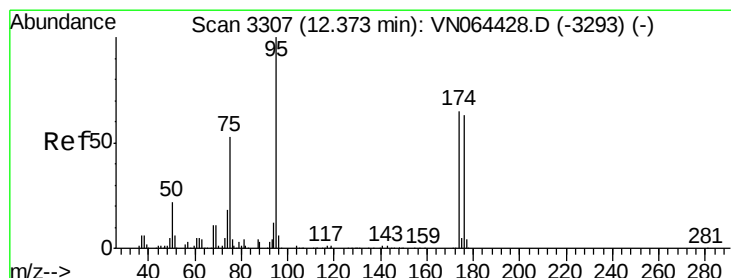
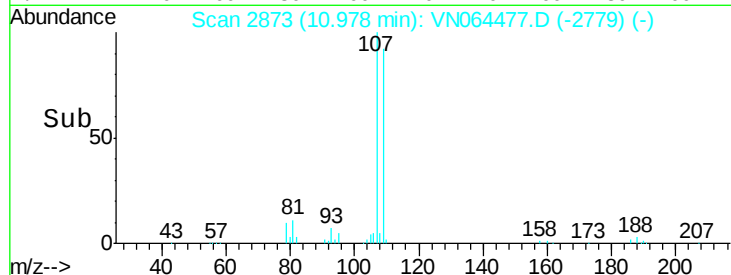
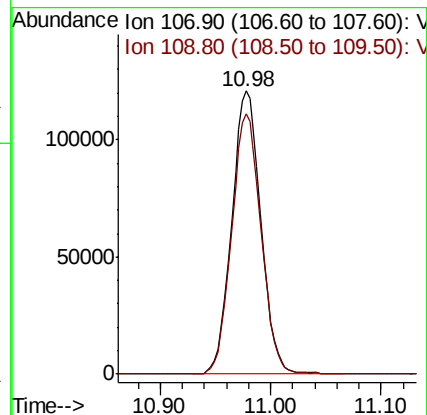
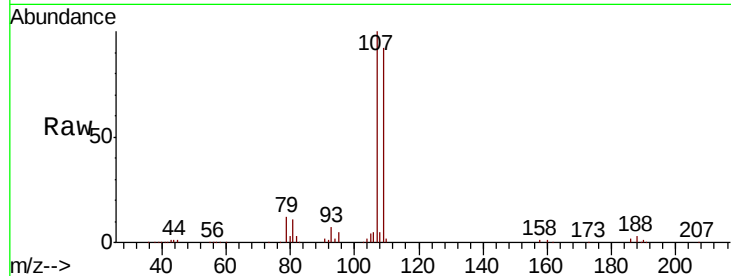
Ion Ratio Lower Upper

107 100

109 92.9 75.9 113.9

Manual Integrations
APPROVED

MMDadoda
11/6/2020 8:50:53 AM



#62

4-Bromofluorobenzene

Concen: 46.888 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

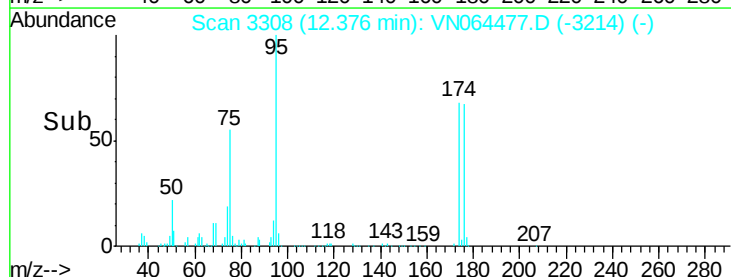
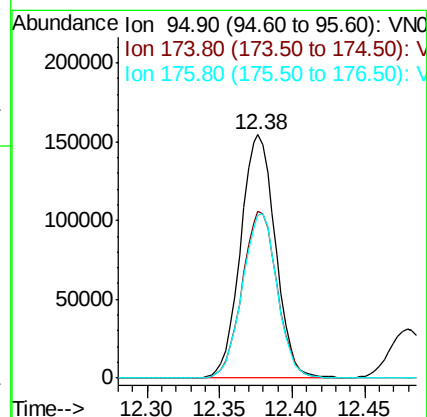
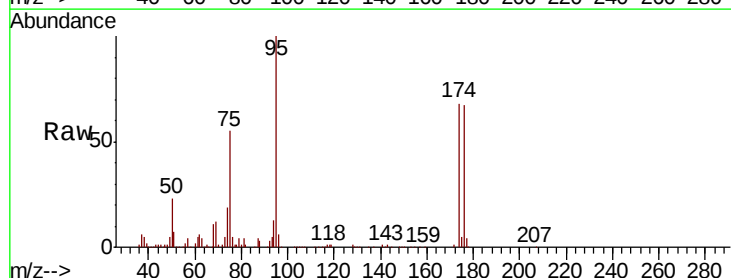
Tgt Ion: 95 Resp: 258169

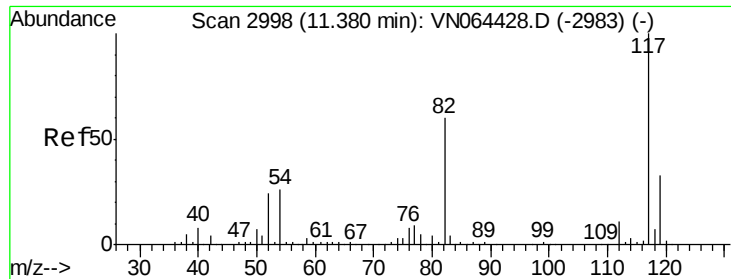
Ion Ratio Lower Upper

95 100

174 68.9 0.0 132.6

176 67.8 0.0 129.2





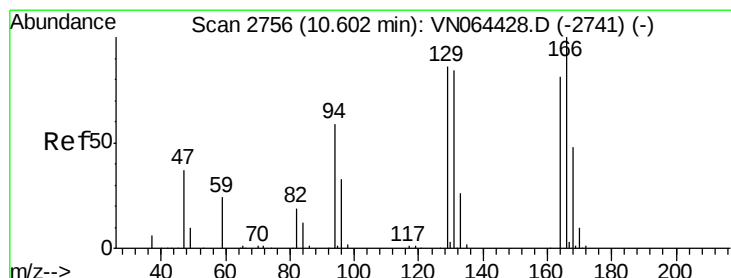
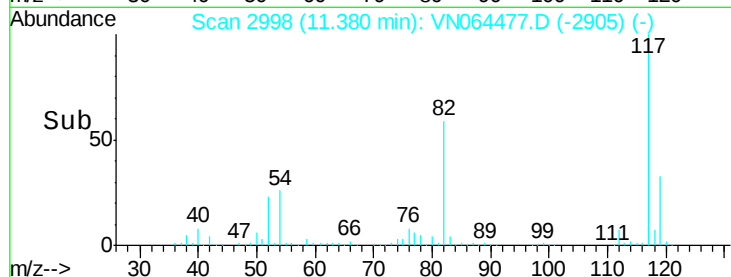
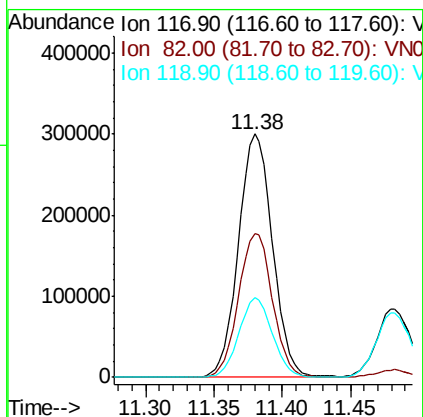
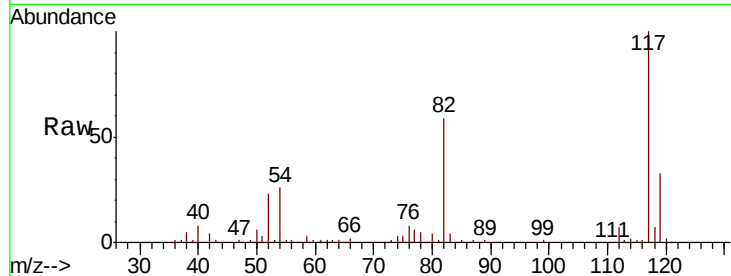
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	48.1	72.1
119	32.7	26.2	39.4

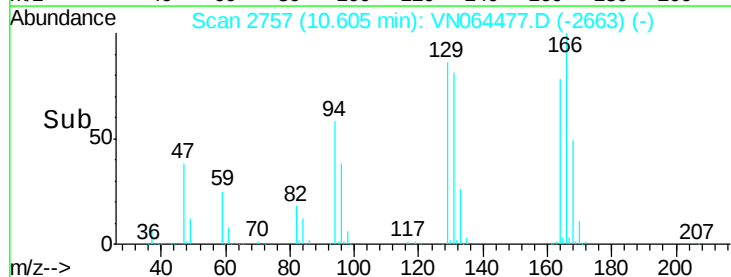
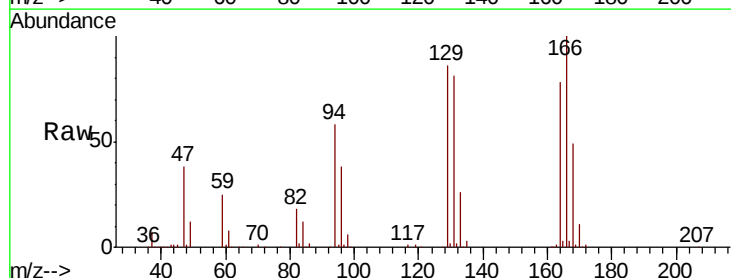
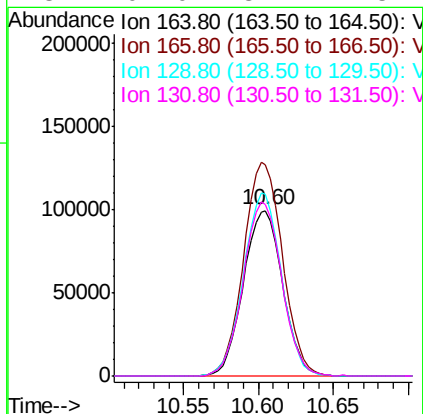
Manual Integrations
APPROVED

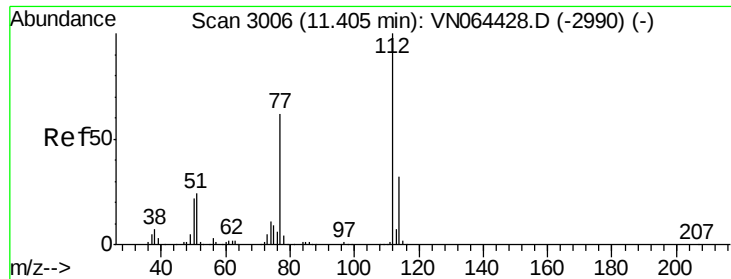
MMDadoda
11/6/2020 8:50:53 AM



#64
Tetrachloroethene
Concen: 45.140 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	98.2	147.2
129	110.1	84.6	127.0
131	104.0	82.2	123.2





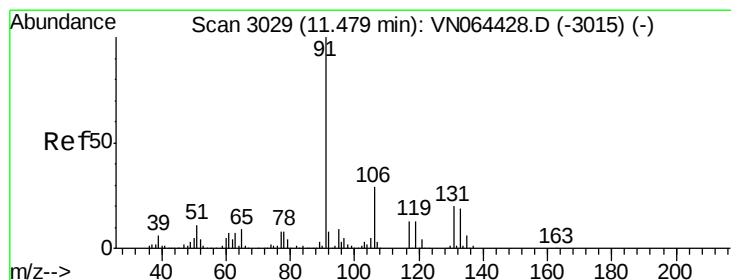
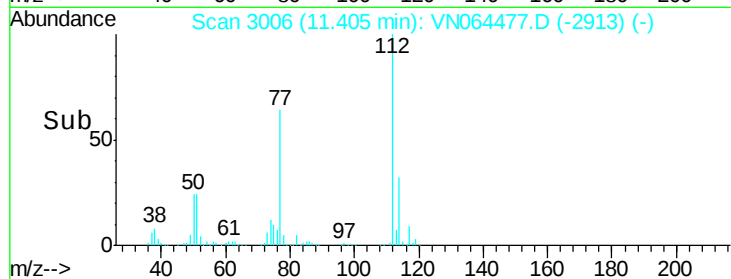
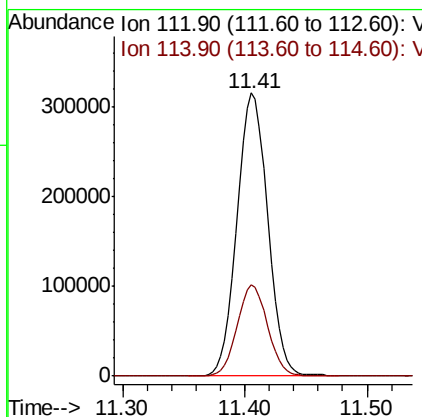
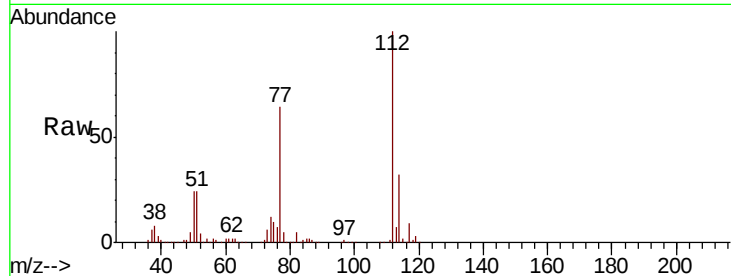
#65
Chlorobenzene
Concen: 48.166 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4

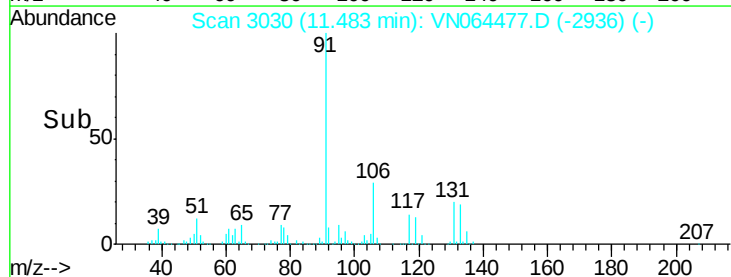
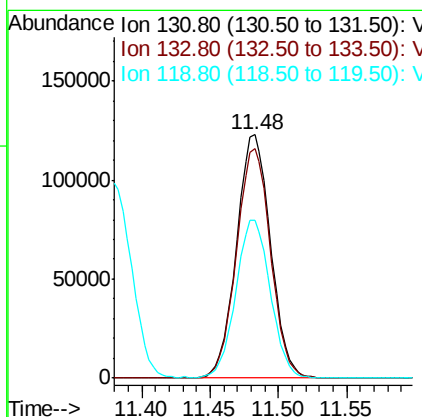
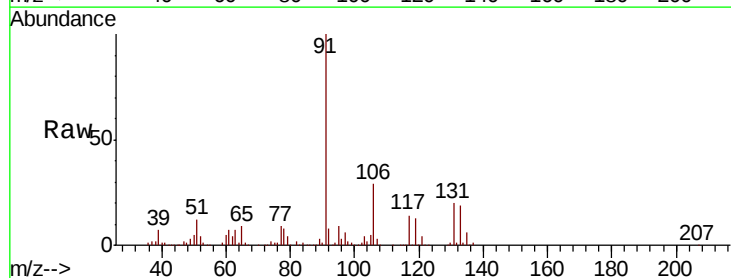
Manual Integrations
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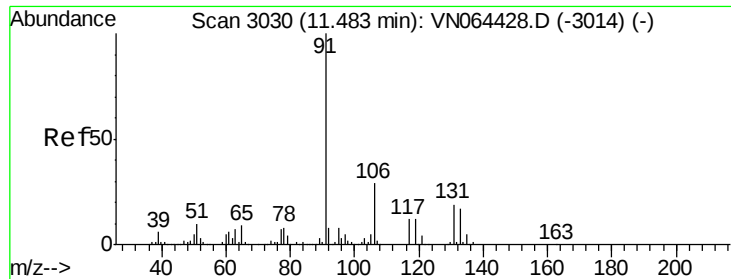
MMDadoda
11/6/2020 8:50:53 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.045 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	46.9	140.7
119	65.5	32.1	96.5





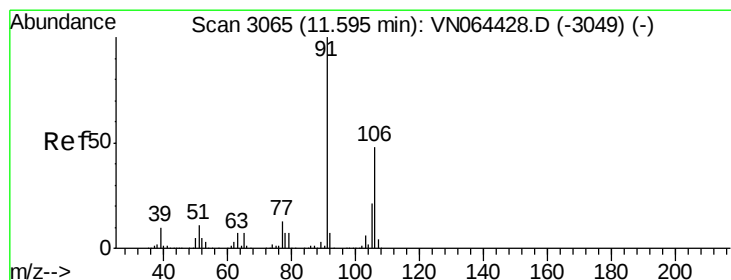
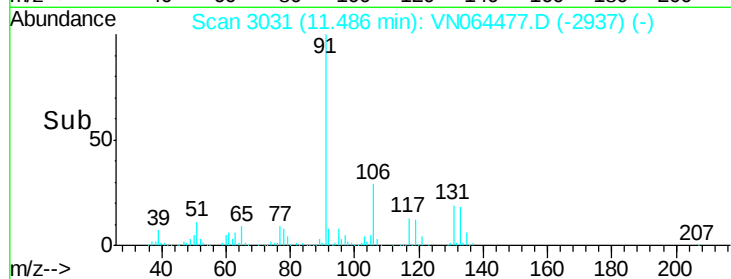
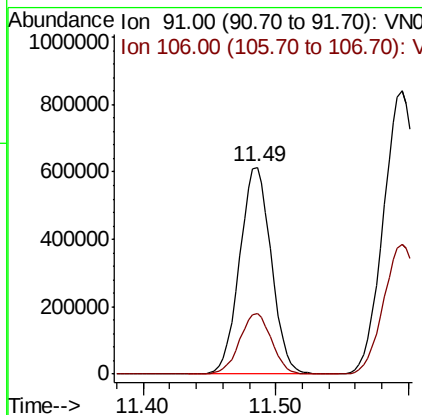
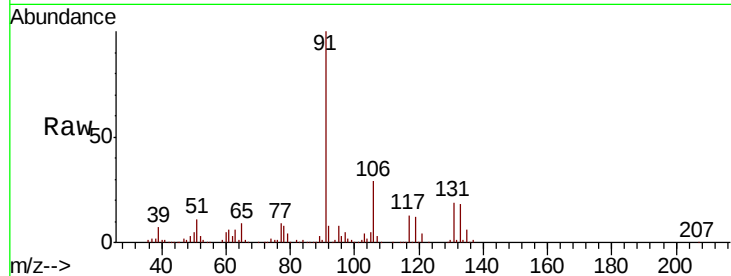
#67
Ethyl Benzene
Concen: 50.090 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1017620
Ion Ratio Lower Upper
91 100
106 29.1 23.6 35.4

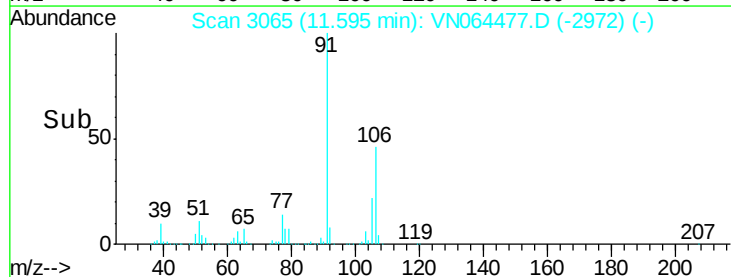
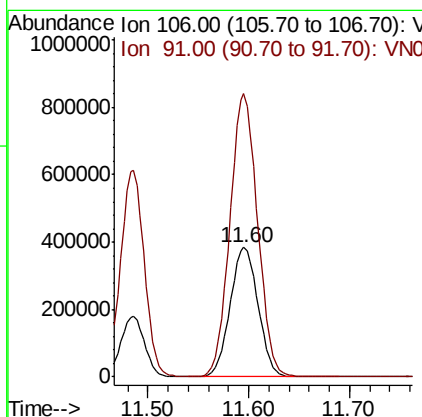
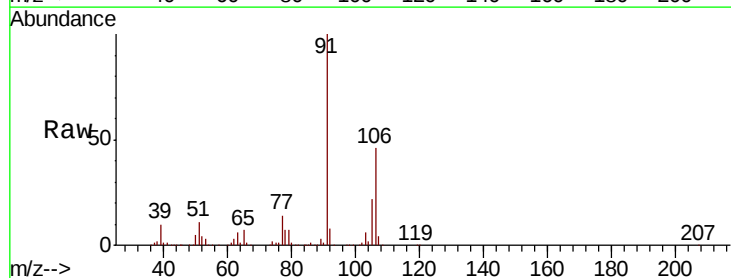
Manual Integrations
APPROVED

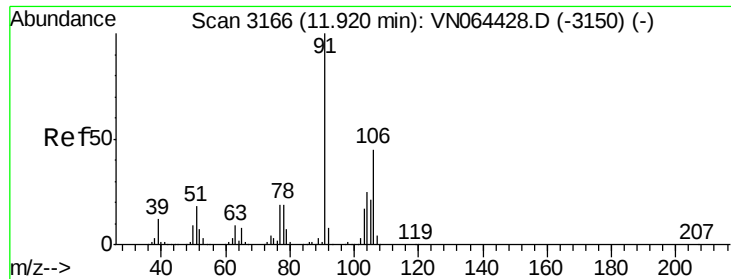
MMDadoda
11/6/2020 8:50:53 AM



#68
m/p-Xylenes
Concen: 100.759 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion: 106 Resp: 742366
Ion Ratio Lower Upper
106 100
91 215.4 169.4 254.2





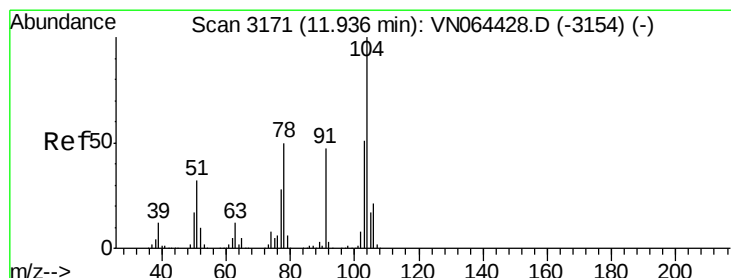
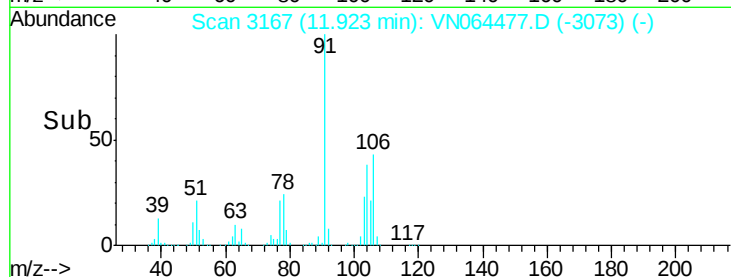
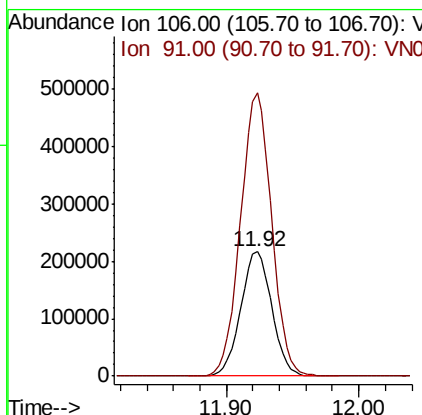
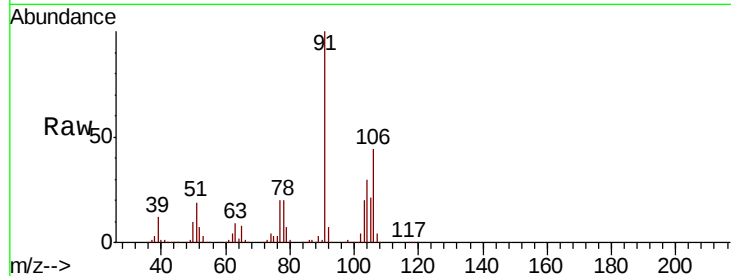
#69
o-Xylene
Concen: 49.451 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	228.3	111.7	334.9	

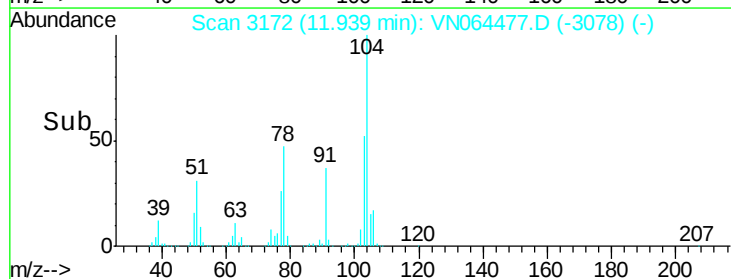
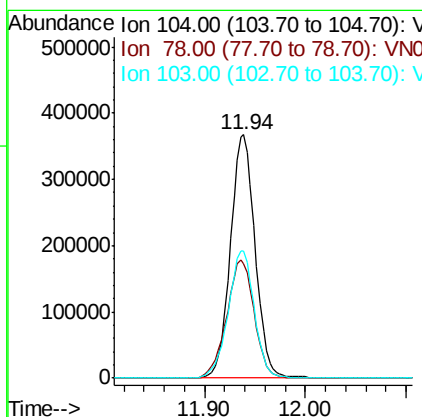
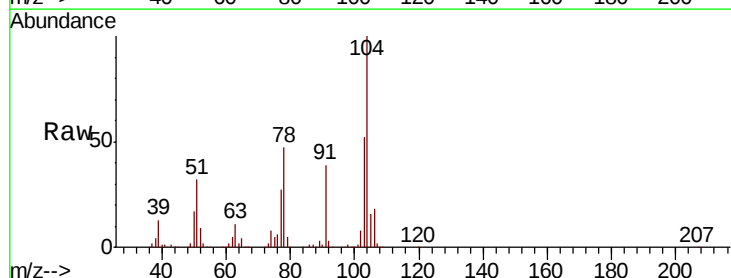
Manual Integrations
APPROVED

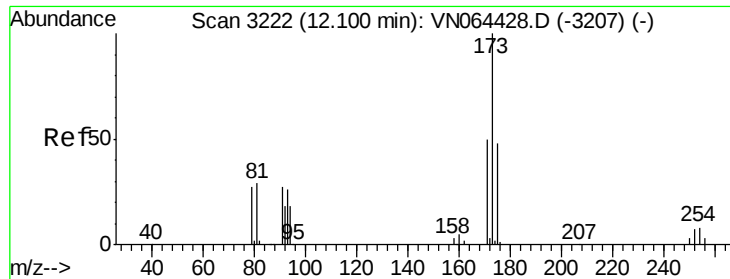
MMDadoda
11/6/2020 8:50:53 AM



#70
Styrene
Concen: 52.317 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	54.2	44.0	66.0	
103	55.4	43.8	65.6	





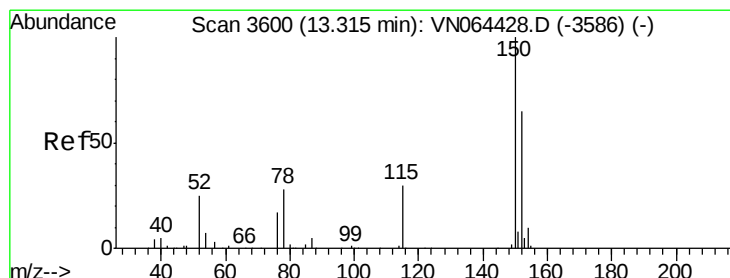
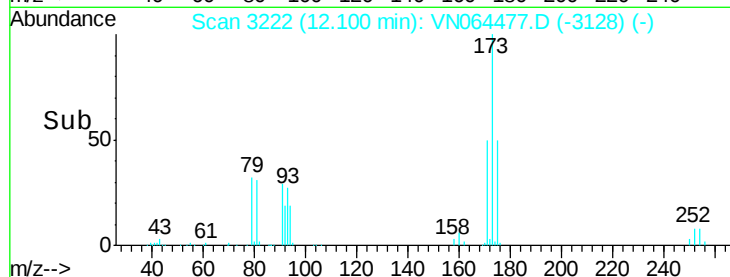
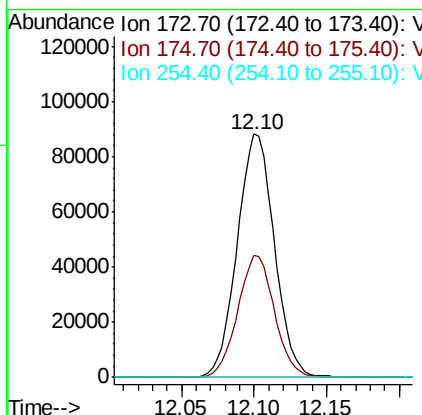
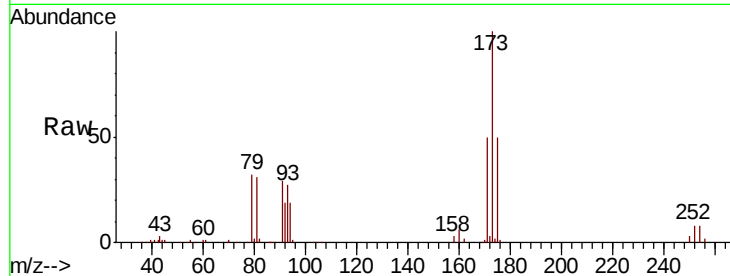
#71
Bromoform
Concen: 49.160 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.7	71.1
254	0.0	0.0	0.0

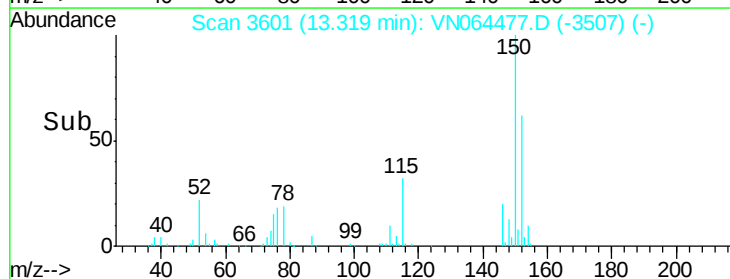
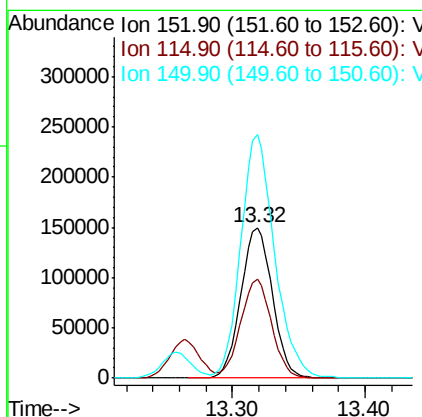
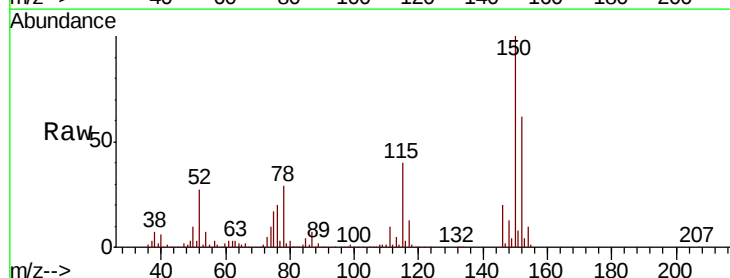
Manual Integrations
APPROVED

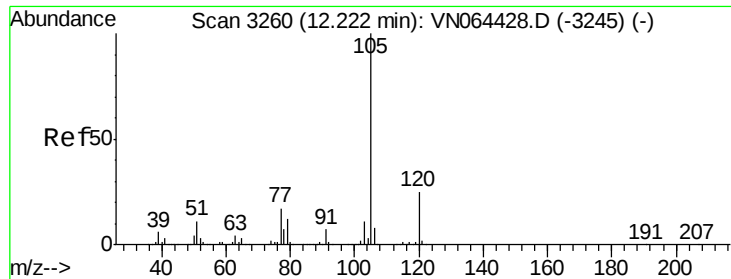
MMDadoda
11/6/2020 8:50:53 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.0	96.0
150	173.3	0.0	353.8





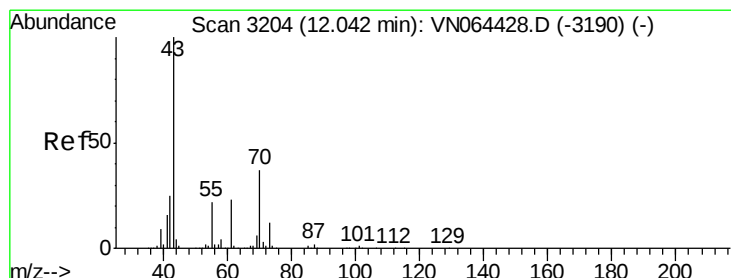
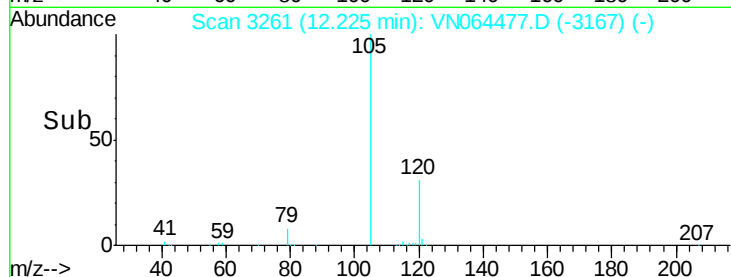
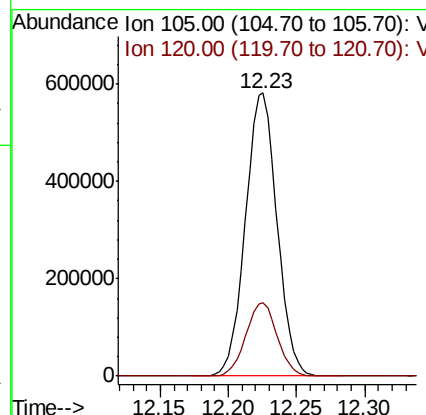
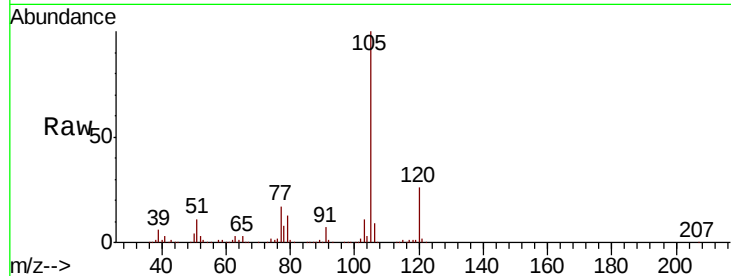
#73
Isopropylbenzene
Concen: 47.529 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.3

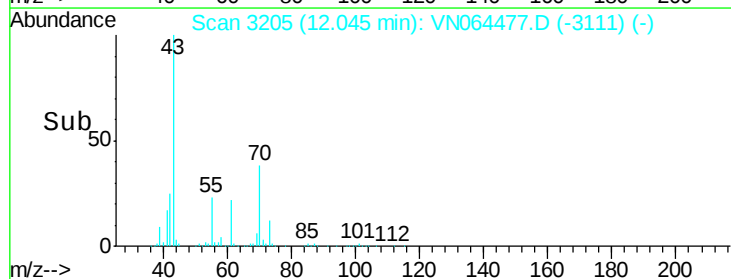
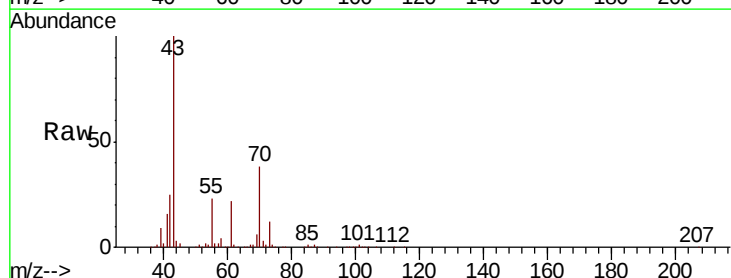
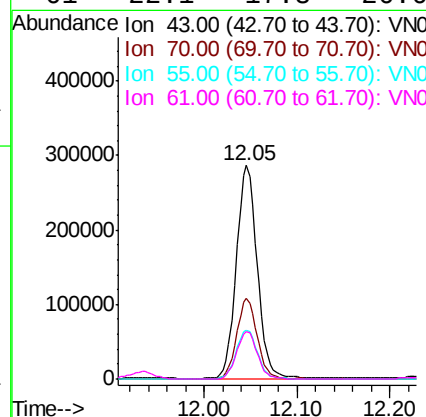
Manual Integrations
APPROVED

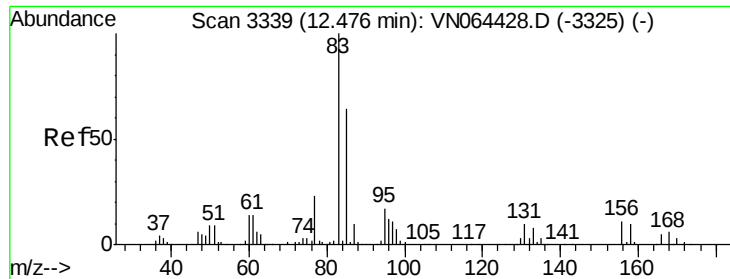
MMDadoda
11/6/2020 8:50:53 AM



#74
N-ethyl acetate
Concen: 47.097 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.8	29.6	44.4
55	23.6	18.4	27.6
61	22.1	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.791 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

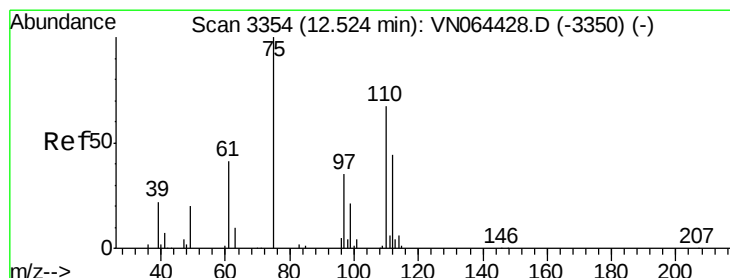
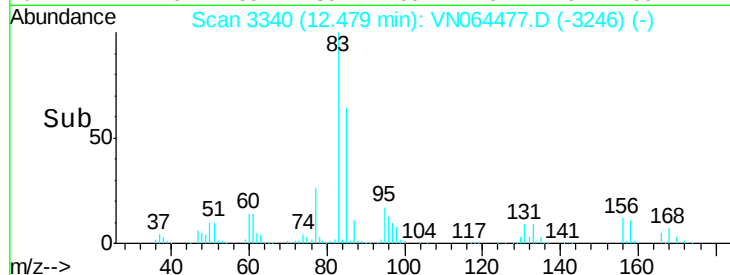
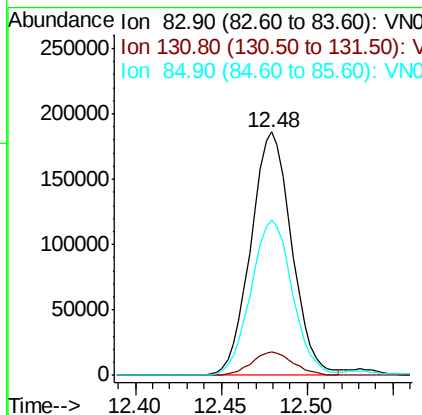
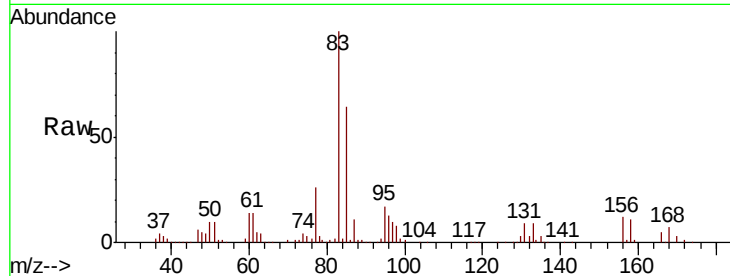
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	307043
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.7	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.851 ug/l m

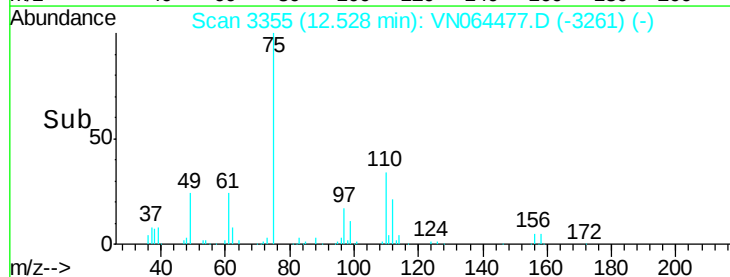
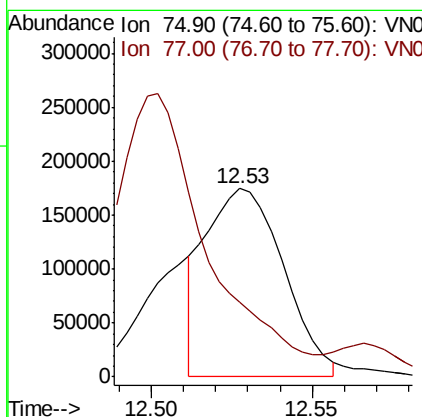
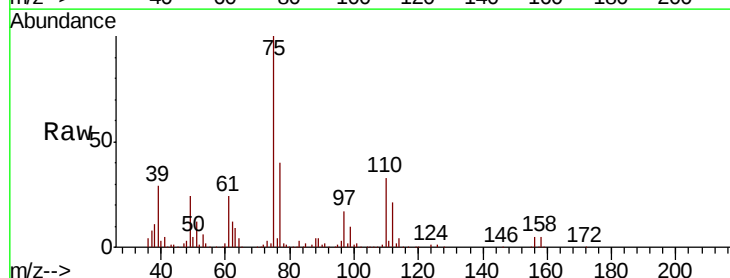
RT: 12.53 min Scan# 3355

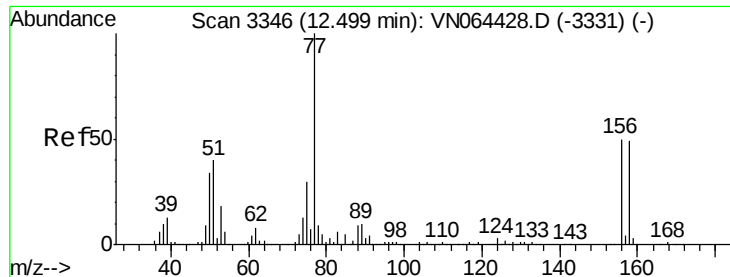
Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Tgt Ion:	75	Resp:	293082
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.955 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

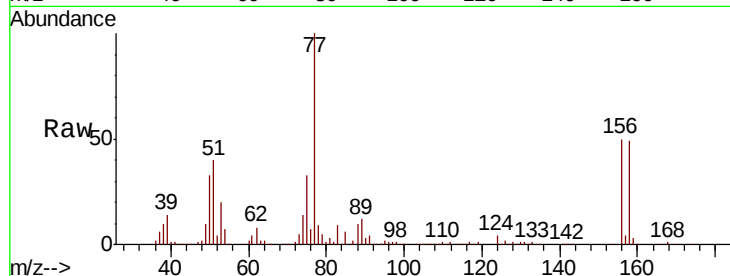
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	238.5	119.0	357.0
158	97.4	48.4	145.3

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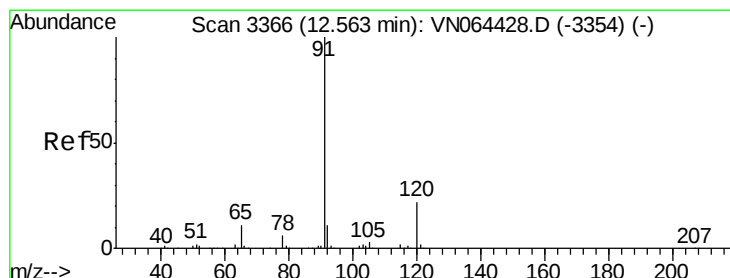
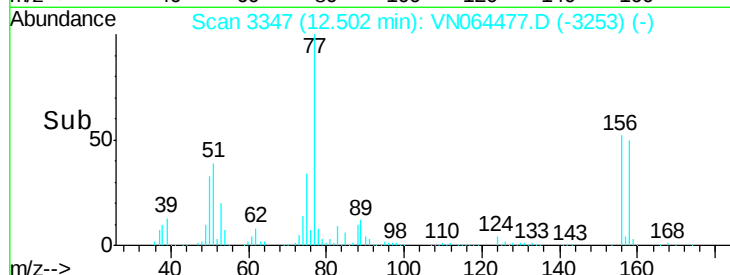
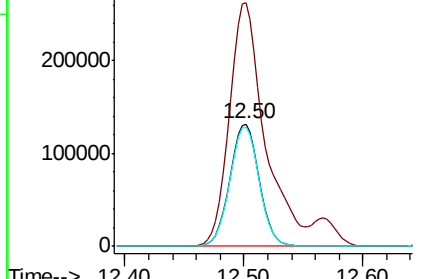
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.412 ug/l

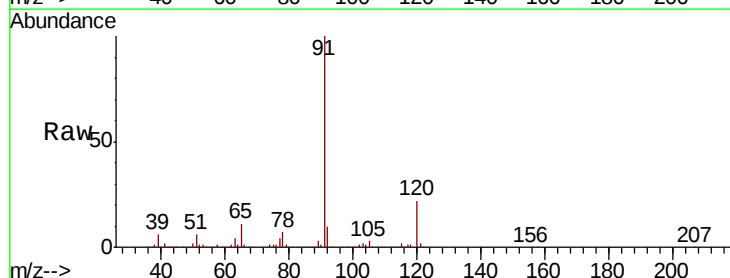
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064477.D

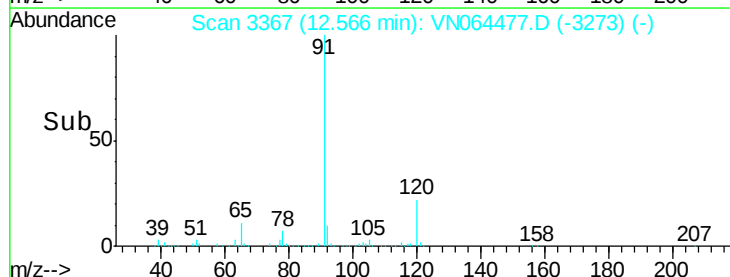
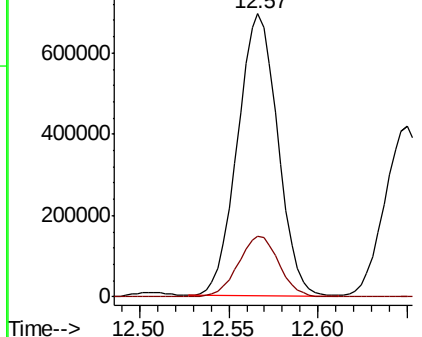
Acq: 5 Nov 2020 21:45

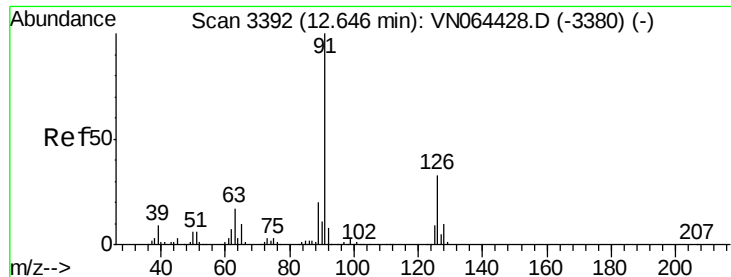
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.007 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 683205

Ion Ratio Lower Upper

91 100

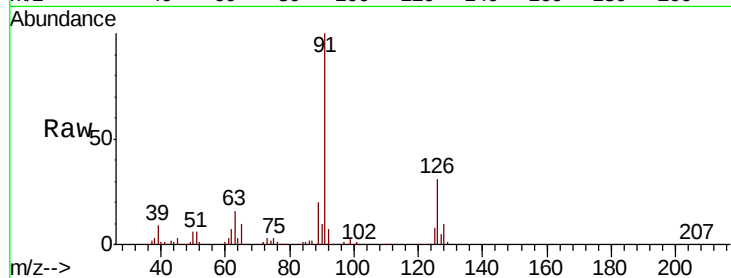
126 31.6 16.4 49.1

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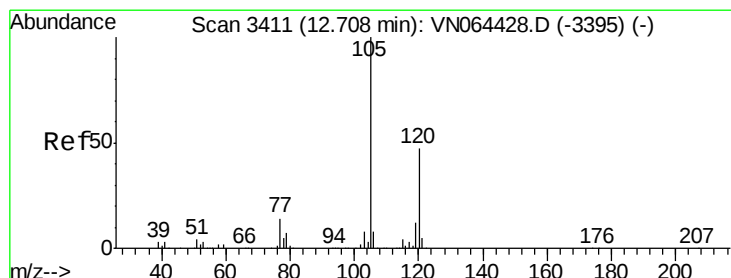
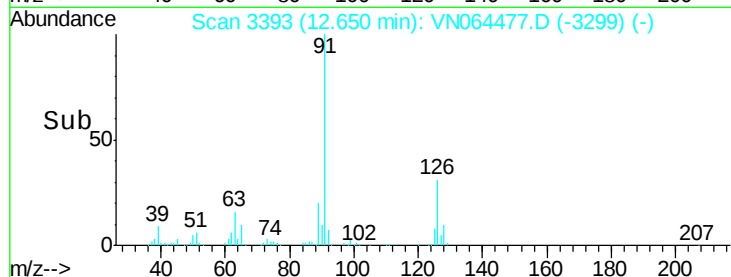
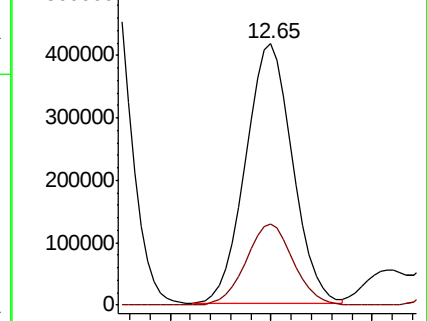
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Abundance Ion 91.00 (90.70 to 91.70): VN064477.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN064477.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.144 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064477.D

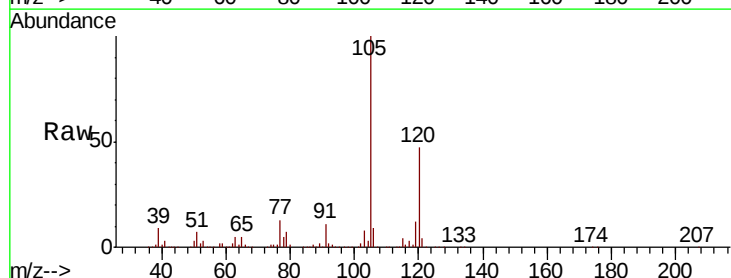
Acq: 5 Nov 2020 21:45

Tgt Ion: 105 Resp: 797939

Ion Ratio Lower Upper

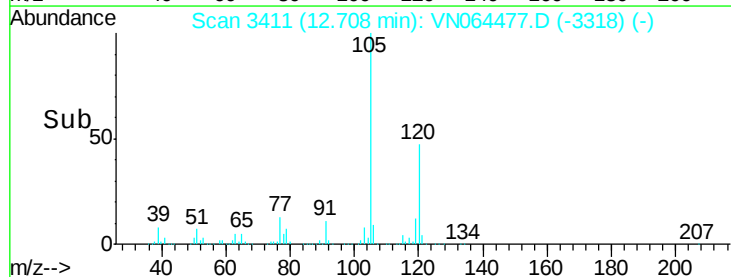
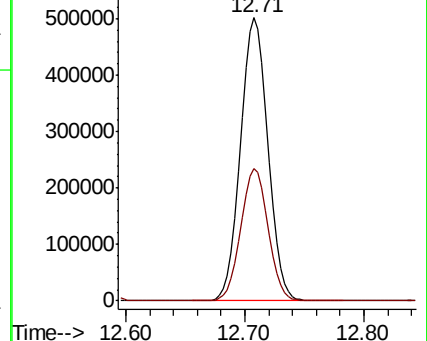
105 100

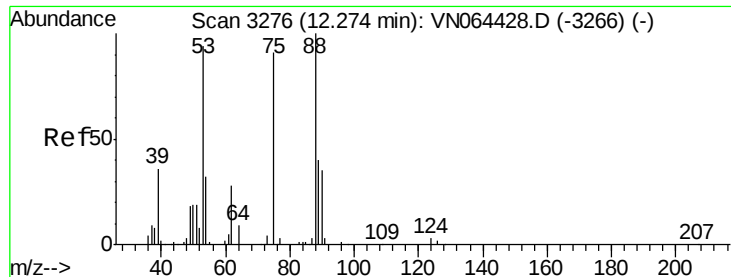
120 46.6 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064477.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064477.D (-3411) (-)





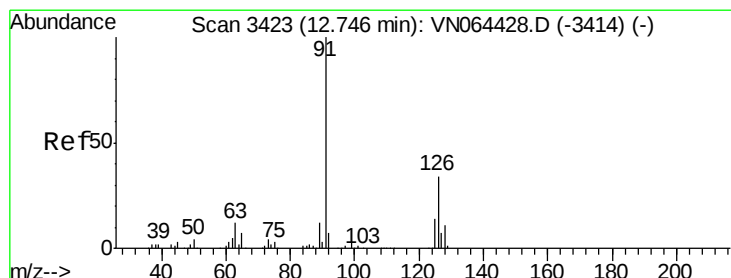
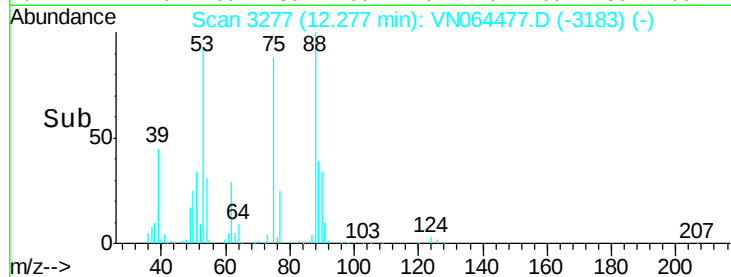
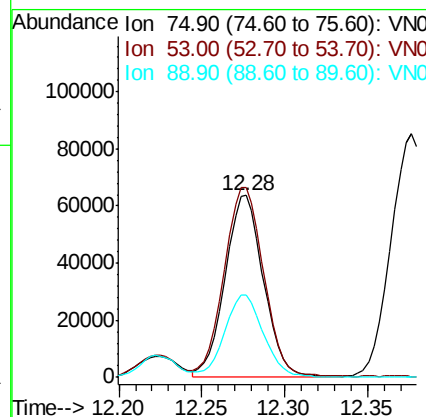
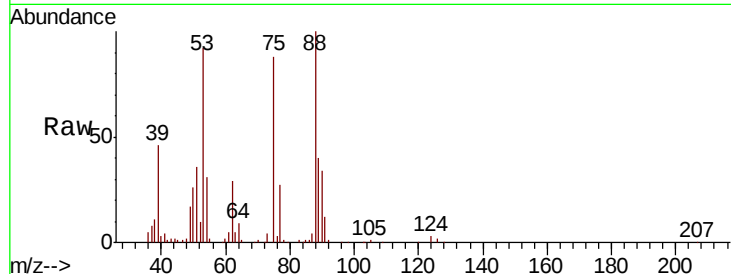
#81
trans-1,4-Dichloro-2-butene
Concen: 47.220 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.3	84.0	126.0
89	46.6	36.3	54.5

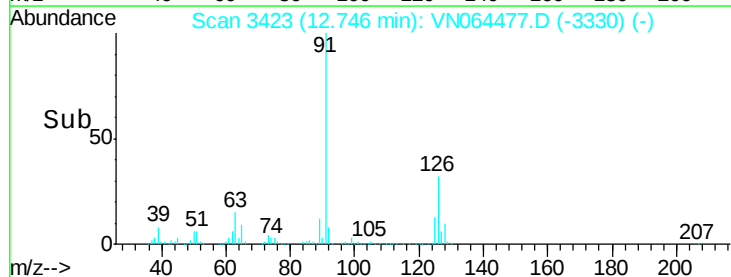
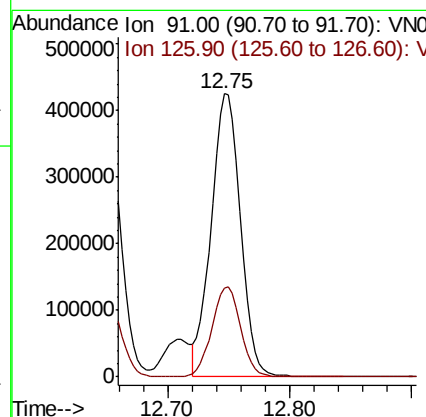
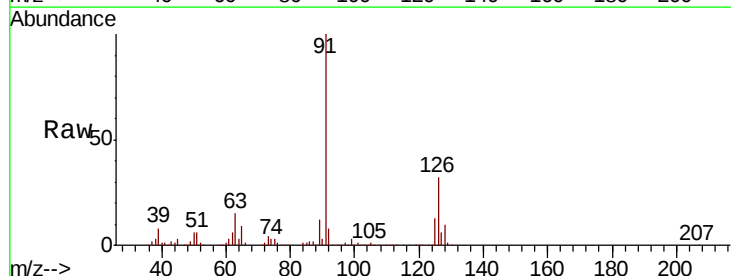
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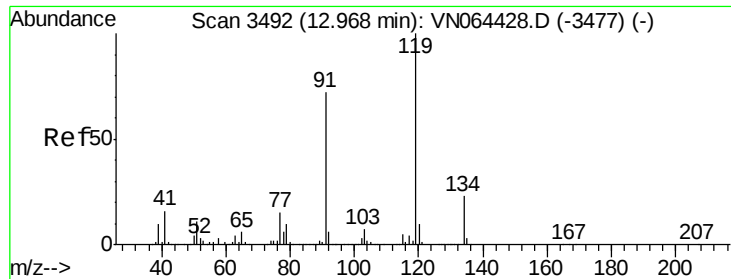
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#82
4-Chlorotoluene
Concen: 47.809 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.4	46.2





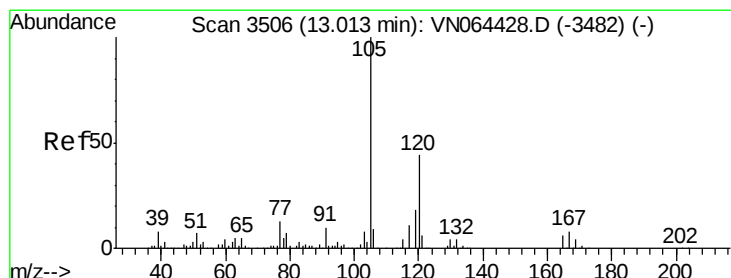
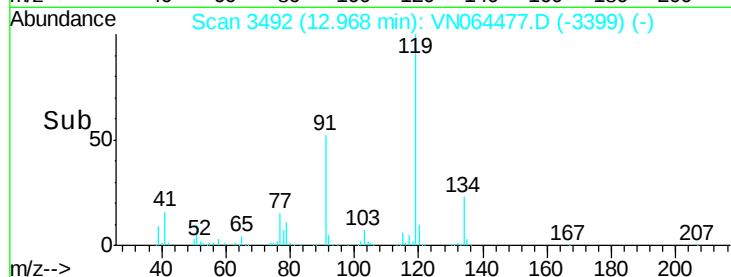
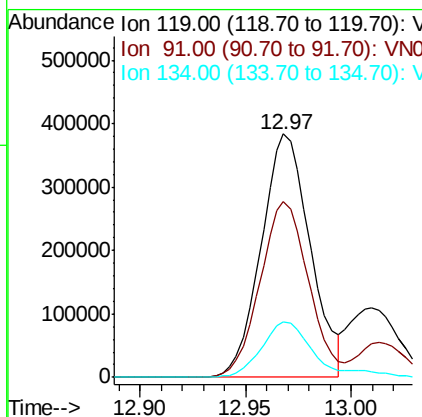
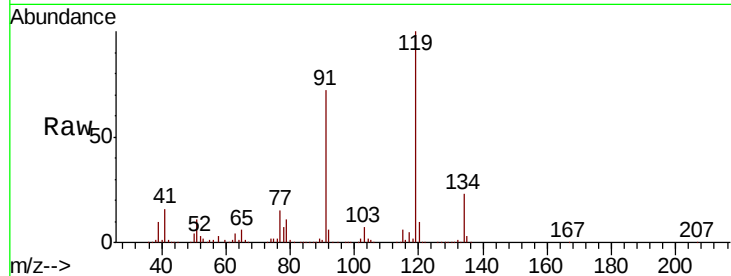
#83
 tert-Butylbenzene
 Concen: 48.931 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.2	36.1	108.3
134	24.8	11.7	35.1

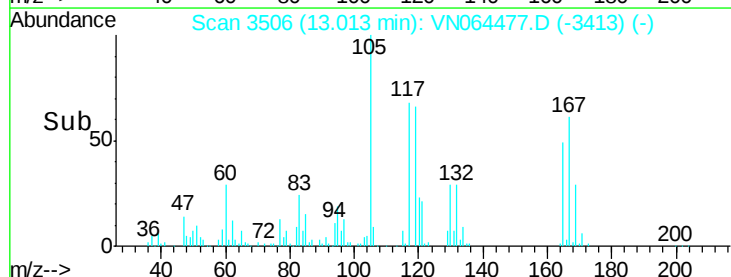
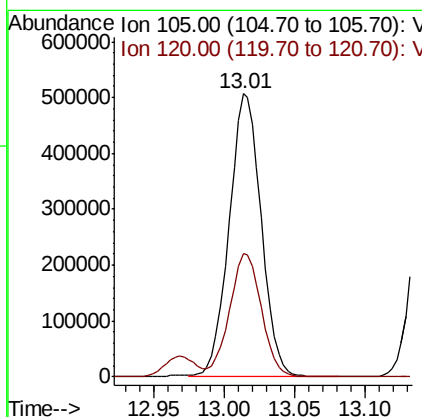
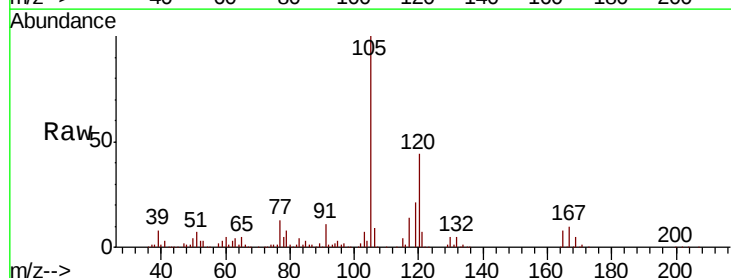
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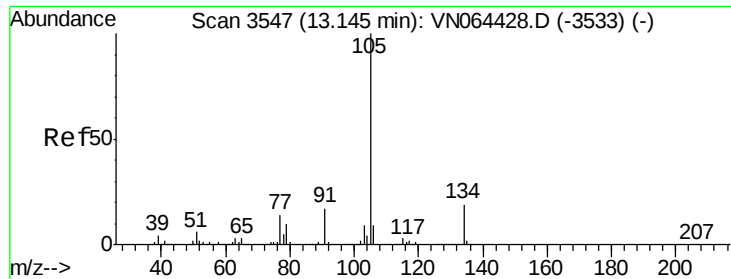
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.173 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.9	65.7





#85

sec-Butylbenzene

Concen: 49.934 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 801944

Ion Ratio Lower Upper

105 100

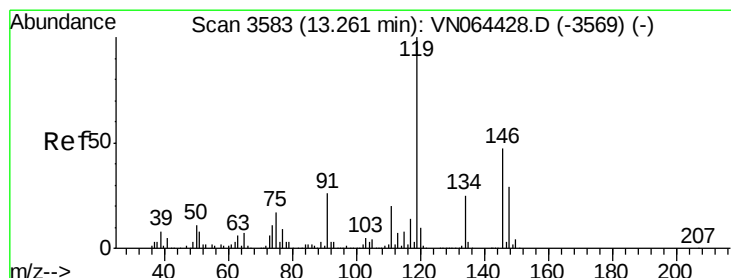
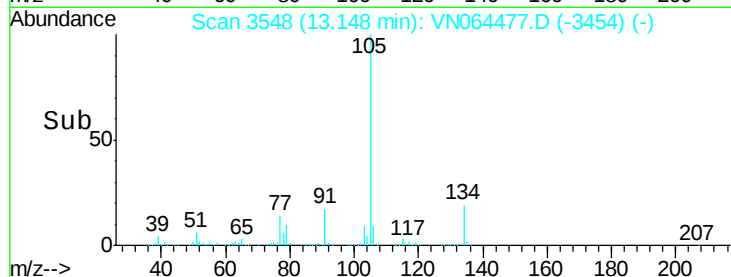
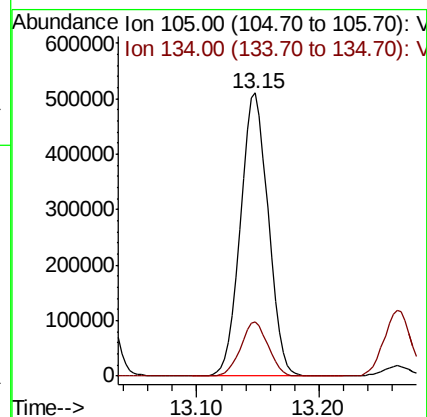
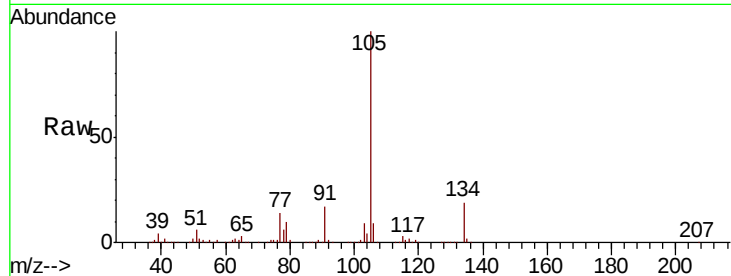
134 18.9 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 49.922 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

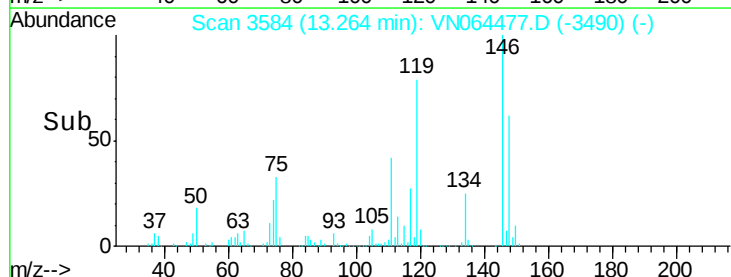
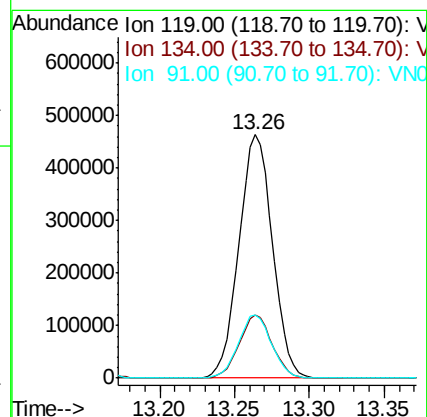
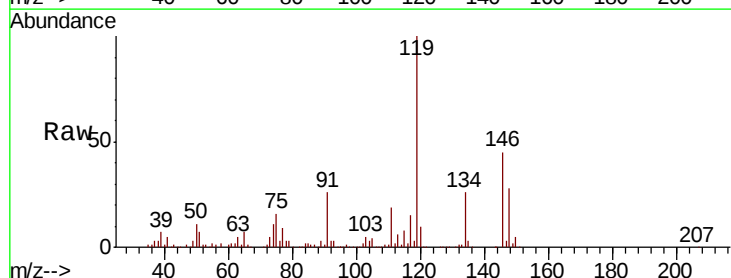
Tgt Ion:119 Resp: 721157

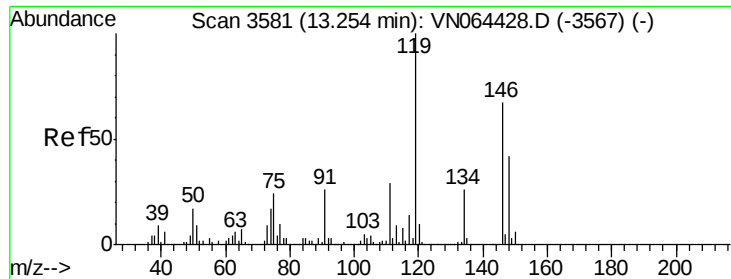
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

91 25.7 12.8 38.3





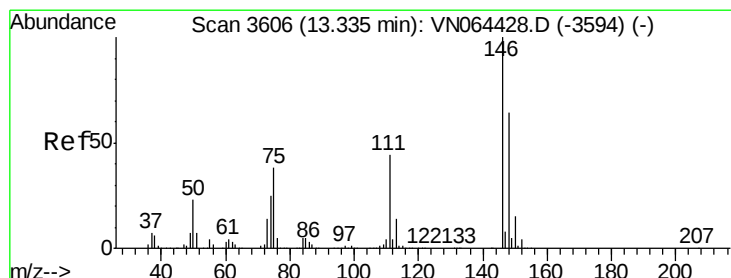
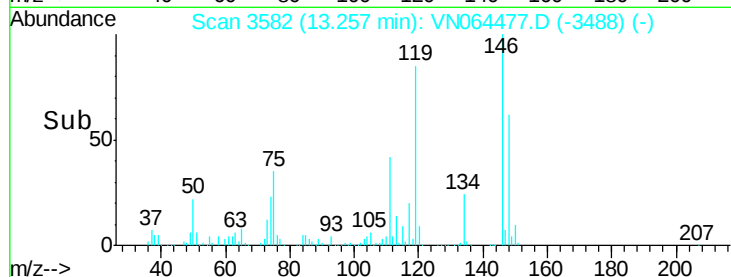
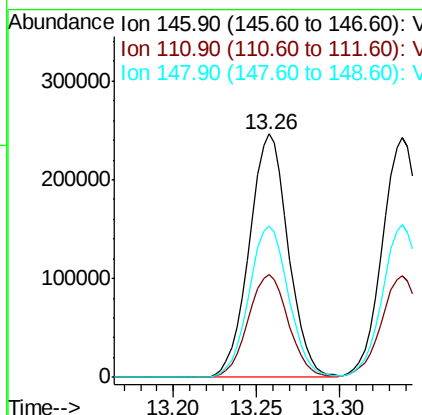
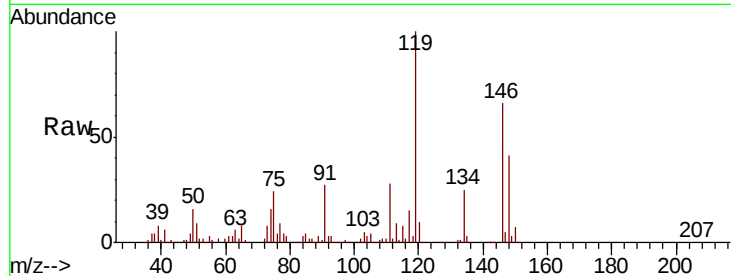
#87
 1,3-Dichlorobenzene
 Concen: 48.486 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.1	66.1
148	63.2	31.7	95.1

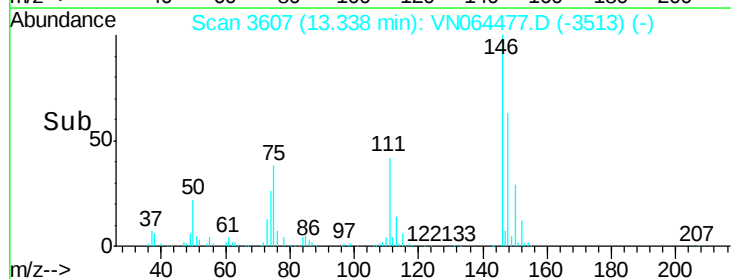
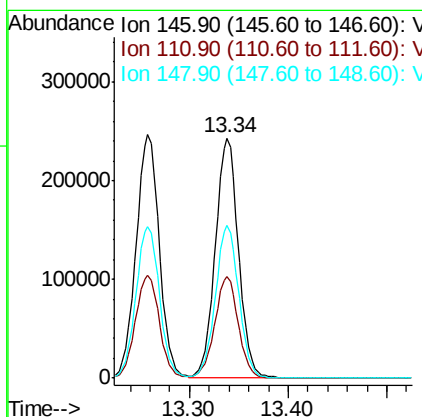
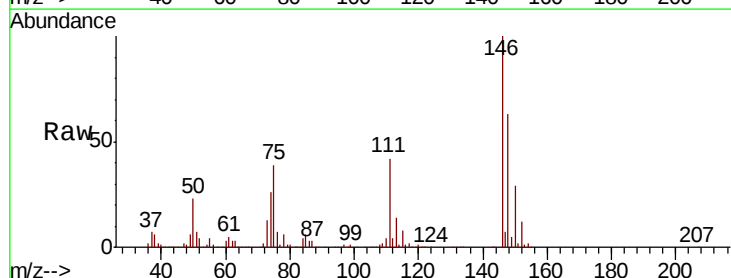
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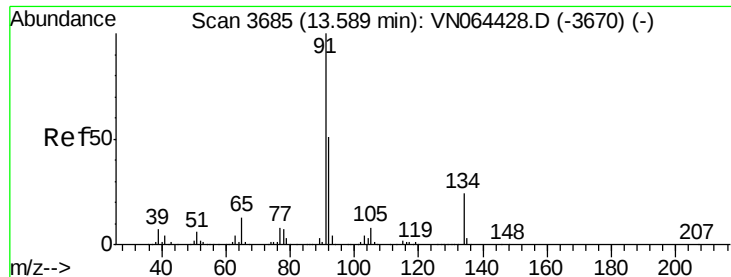
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#88
 1,4-Dichlorobenzene
 Concen: 46.640 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.8	65.3
148	63.9	32.4	97.2





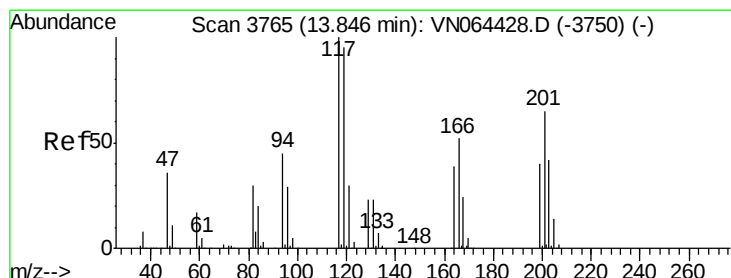
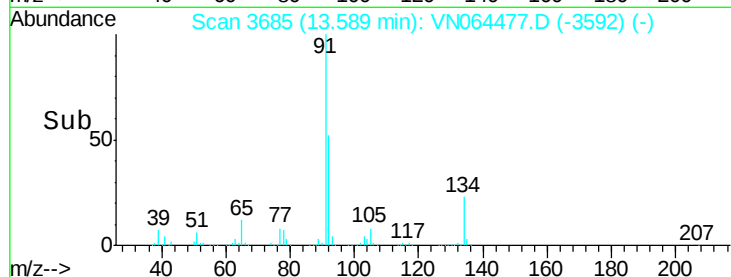
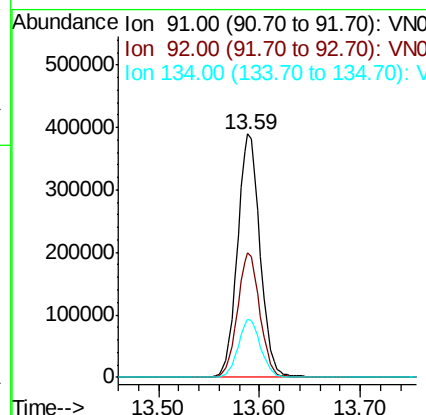
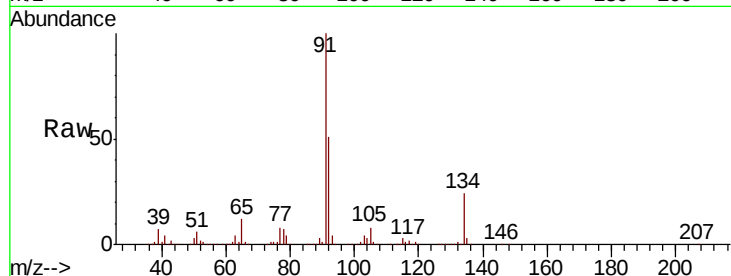
#89
n-Butylbenzene
Concen: 48.692 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.3	75.9
134	23.7	11.8	35.4

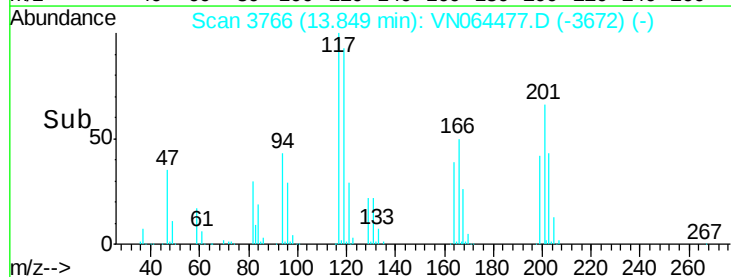
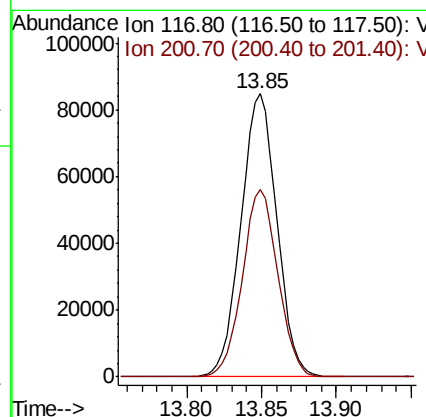
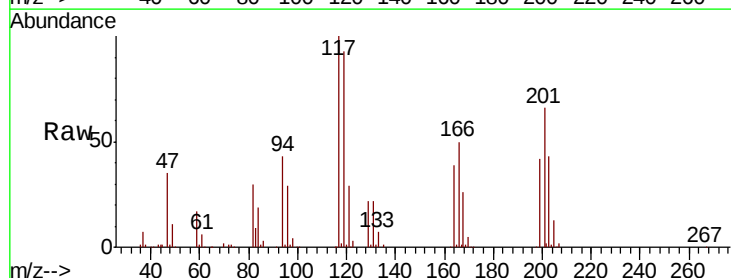
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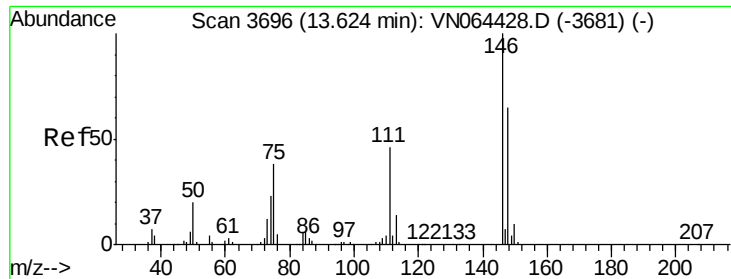
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#90
Hexachloroethane
Concen: 50.811 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064477.D
Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.5	32.5	97.5





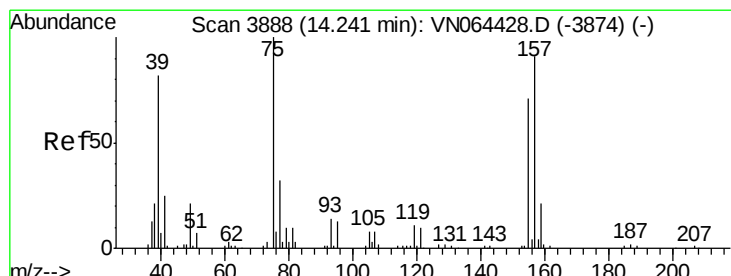
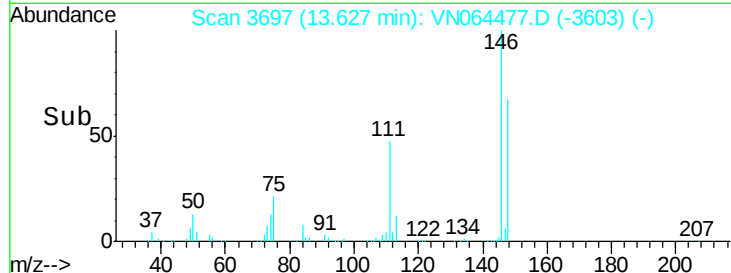
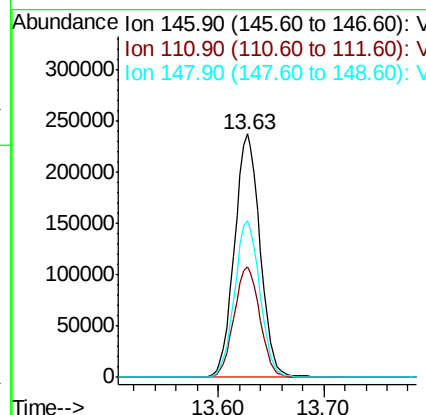
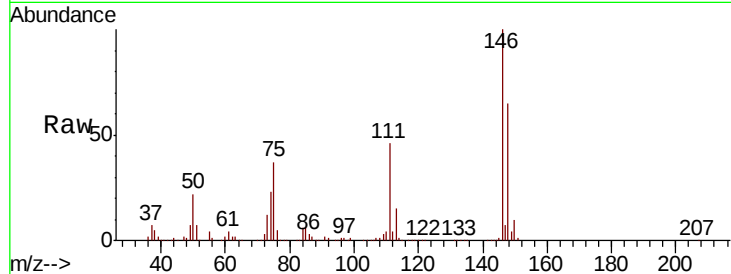
#91
 1,2-Dichlorobenzene
 Concen: 49.799 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.9	68.7
148	63.9	32.0	96.2

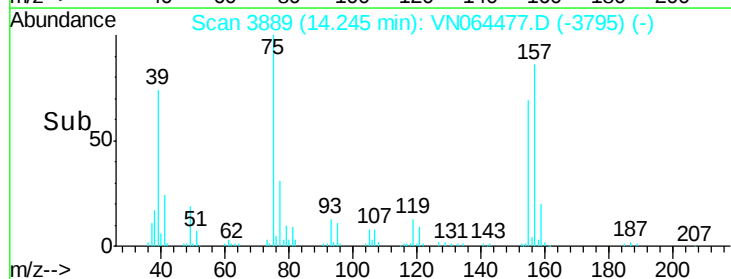
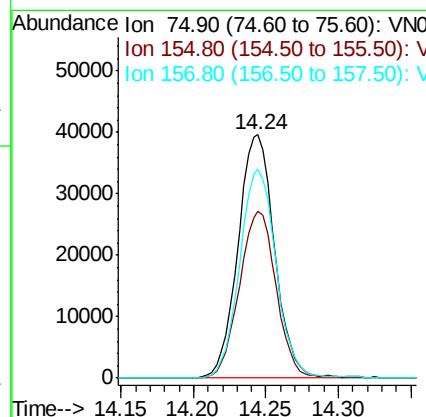
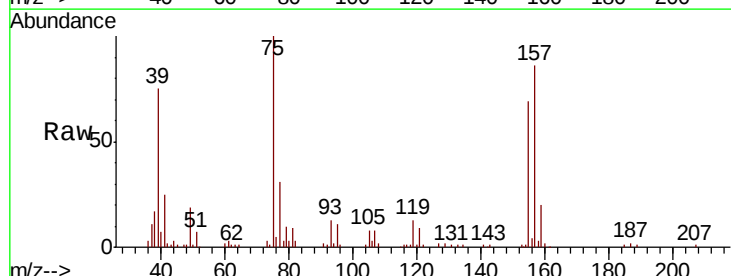
Manual Integrations
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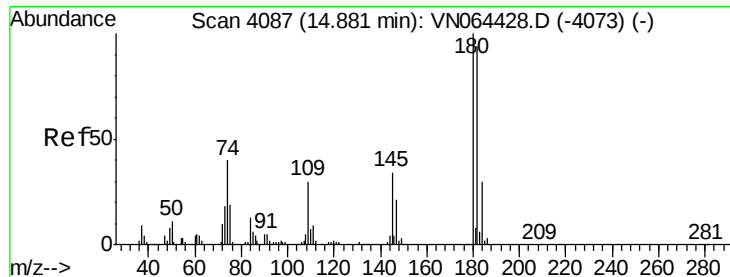
MMDadoda
 11/6/2020 8:50:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.643 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.9	34.6	103.9
157	85.4	43.0	128.8





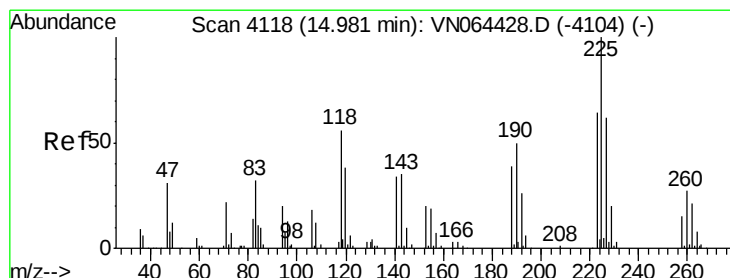
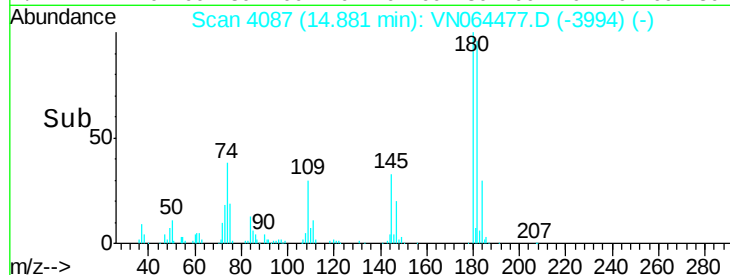
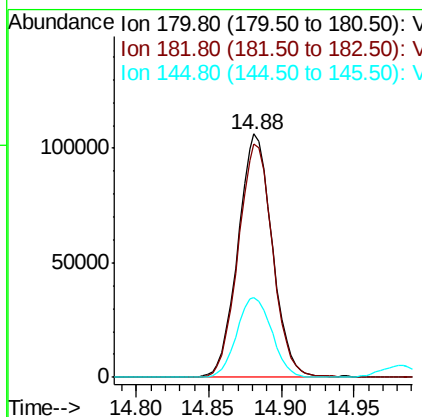
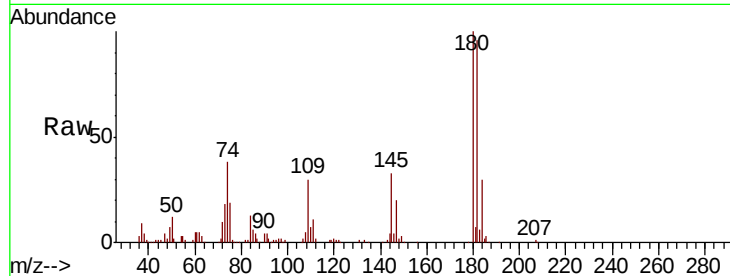
#93
 1,2,4-Trichlorobenzene
 Concen: 44.256 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	174560		
182	96.4	47.3	142.0	
145	33.5	16.7	50.1	

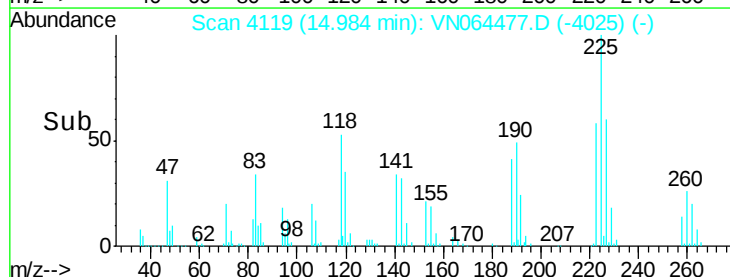
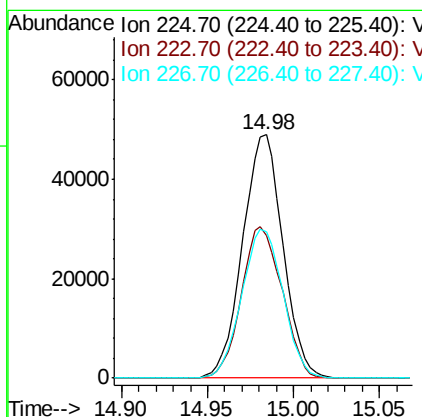
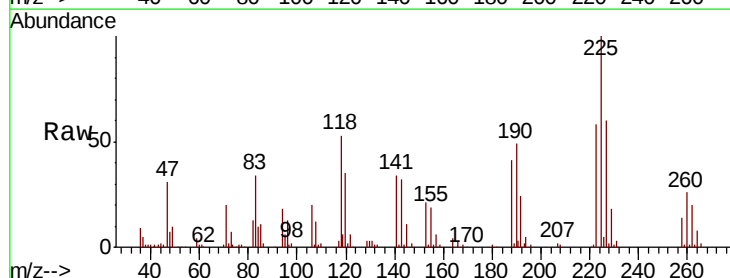
Manual Integrations
 APPROVED

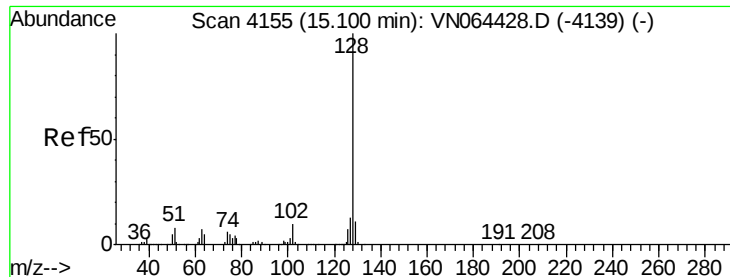
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 11/6/2020 8:50:53 AM



#94
 Hexachlorobutadiene
 Concen: 49.030 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064477.D
 Acq: 5 Nov 2020 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79759		
223	62.9	31.8	95.4	
227	62.7	31.8	95.4	





#95

Naphthalene

Concen: 44.695 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Instrument :

MSVOA_N

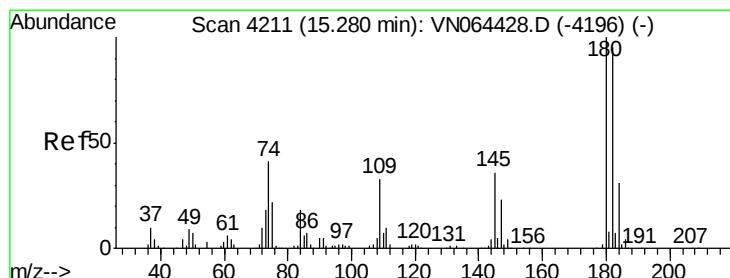
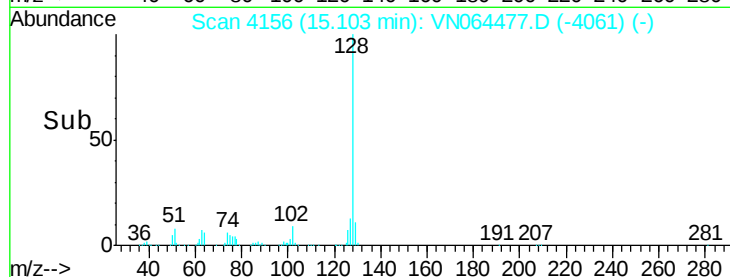
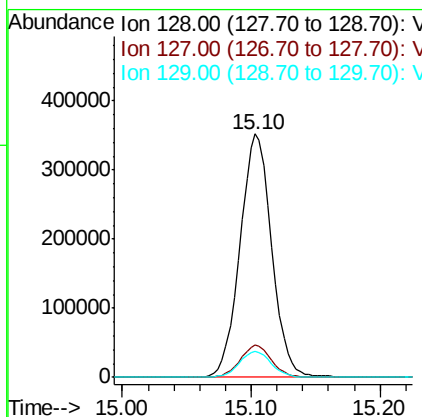
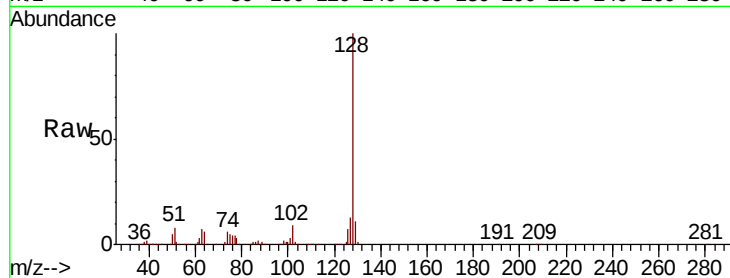
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	601379
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 46.835 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064477.D

Acq: 5 Nov 2020 21:45

Tgt Ion:	180	Resp:	179321
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.7	143.1
145	35.1	18.3	54.8

