

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064075.D
 Acq On : 10 Oct 2020 7:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:10:25 PM

Quant Time: Oct 10 08:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196034	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.55	113	137165	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.06	98	510599	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.38	95	192525	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	110106	42.829	ug/l	99
3) Chloromethane	2.04	50	141263	46.830	ug/l	99
4) Vinyl Chloride	2.16	62	139022	45.913	ug/l	99
5) Bromomethane	2.52	94	79925	41.965	ug/l	98
6) Chloroethane	2.67	64	91628	50.642	ug/l	97
7) Trichlorofluoromethane	2.98	101	232173	48.347	ug/l	99
8) Diethyl Ether	3.37	74	85702	52.769	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124008	48.313	ug/l	99
10) Methyl Iodide	3.91	142	153425	51.480	ug/l	99
11) Tert butyl alcohol	4.73	59	150249	338.106	ug/l	99
12) 1,1-Dichloroethene	3.69	96	118146	48.156	ug/l	94
13) Acrolein	3.57	56	72775	266.831	ug/l	99
14) Allyl chloride	4.28	41	244888	53.728	ug/l	90
15) Acrylonitrile	4.93	53	411052	323.148	ug/l	98
16) Acetone	3.77	43	382212	308.470	ug/l	98
17) Carbon Disulfide	4.01	76	311246	46.980	ug/l	98
18) Methyl Acetate	4.28	43	215899	67.110	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	476089	53.412	ug/l	99
20) Methylene Chloride	4.50	84	150104	52.884	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	132955	48.382	ug/l	97
22) Diisopropyl ether	5.90	45	550022	58.652	ug/l	95
23) Vinyl Acetate	5.84	43	2251599	289.851	ug/l	98
24) 1,1-Dichloroethane	5.80	63	281300	52.462	ug/l	98
25) 2-Butanone	6.78	43	582986	331.869	ug/l	97
26) 2,2-Dichloropropane	6.77	77	164053	33.410	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	157063	49.695	ug/l	97
28) Bromochloromethane	7.15	49	146851	55.413	ug/l	95
29) Tetrahydrofuran	7.16	42	398204	337.979	ug/l	96
30) Chloroform	7.33	83	286167	51.186	ug/l	97
31) Cyclohexane	7.61	56	219366	46.944	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	253421	50.255	ug/l	99
36) 1,1-Dichloropropene	7.75	75	200315	48.027	ug/l	98
37) Ethyl Acetate	6.88	43	245131	59.156	ug/l	99
38) Carbon Tetrachloride	7.73	117	217316	46.465	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	184498	44.358	ug/l	98
40) Benzene	8.00	78	608223	51.055	ug/l	98
41) Methacrylonitrile	7.13	41	97971m	53.197	ug/l	
42) 1,2-Dichloroethane	8.09	62	244464	48.073	ug/l	99
43) Isopropyl Acetate	8.13	43	397833	58.205	ug/l	100
44) Trichloroethene	8.80	130	147331	47.201	ug/l	98
45) 1,2-Dichloropropane	9.08	63	172549	53.631	ug/l	98
46) Dibromomethane	9.17	93	111265	50.131	ug/l	98
47) Bromodichloromethane	9.37	83	231571	50.625	ug/l	95
48) Methyl methacrylate	9.17	41	201053	59.537	ug/l	91
49) 1,4-Dioxane	9.17	88	57790	1204.113	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1295373	322.946	ug/l	100
52) Toluene	10.13	92	377544	51.236	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	239355	48.815	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	251060	48.959	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	157439	53.278	ug/l	99
56) Ethyl methacrylate	10.40	69	238178	56.862	ug/l	93
57) 1,3-Dichloropropane	10.68	76	268018	53.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	641337	286.237	ug/l	98
59) 2-Hexanone	10.72	43	944568	317.000	ug/l	99
60) Dibromochloromethane	10.87	129	174577	50.728	ug/l	100
61) 1,2-Dibromoethane	10.98	107	160815	53.200	ug/l	99
64) Tetrachloroethene	10.60	164	133205	44.328	ug/l	98
65) Chlorobenzene	11.41	112	391585	49.148	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	155732	50.984	ug/l	98
67) Ethyl Benzene	11.49	91	724698	49.986	ug/l	99
68) m/p-Xylenes	11.59	106	536458	99.283	ug/l	98
69) o-Xylene	11.92	106	257373	50.962	ug/l	100
70) Styrene	11.94	104	456285	53.225	ug/l	97
71) Bromoform	12.10	173	122990	52.647	ug/l #	98
73) Isopropylbenzene	12.23	105	682785	50.336	ug/l	100
74) N-amyl acetate	12.04	43	348000	54.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	230785	55.639	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	214211m	52.253	ug/l	
77) Bromobenzene	12.50	156	170711	51.289	ug/l	98
78) n-propylbenzene	12.57	91	788450	49.945	ug/l	100
79) 2-Chlorotoluene	12.65	91	494471	50.929	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	584836	51.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	71655	50.342	ug/l	98
82) 4-Chlorotoluene	12.75	91	509363	50.537	ug/l	99
83) tert-Butylbenzene	12.97	119	461676	49.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	581999	51.224	ug/l	98
85) sec-Butylbenzene	13.15	105	607498	49.688	ug/l	100
86) p-Isopropyltoluene	13.26	119	539715	49.900	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	296558	49.250	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	295719	47.166	ug/l	99
89) n-Butylbenzene	13.59	91	448949	44.972	ug/l	100
90) Hexachloroethane	13.85	117	104658	49.935	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	299069	50.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53077	54.563	ug/l	98

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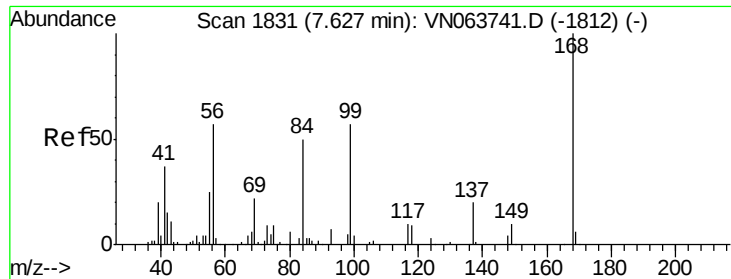
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	136936	42.494	ug/l	97
94) Hexachlorobutadiene	14.98	225	77583	47.979	ug/l	99
95) Naphthalene	15.10	128	417709	41.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	134169	42.885	ug/l	98

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



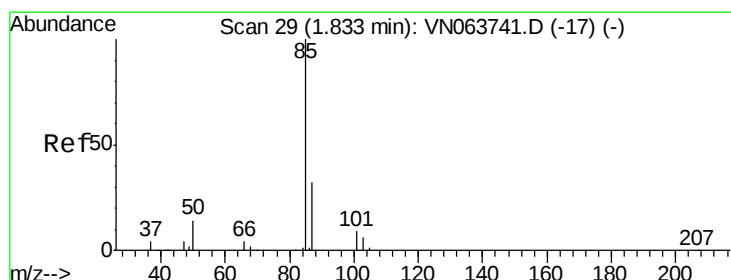
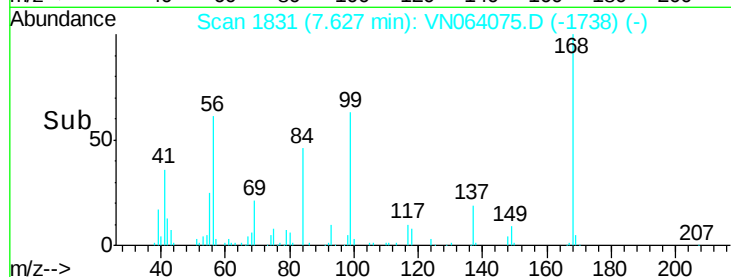
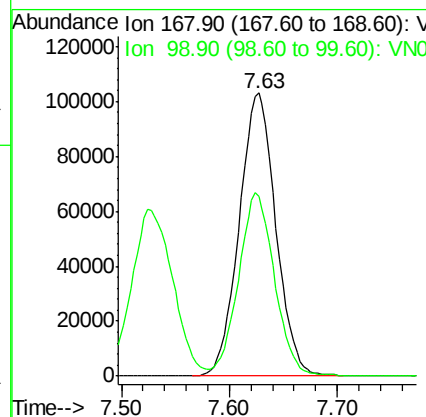
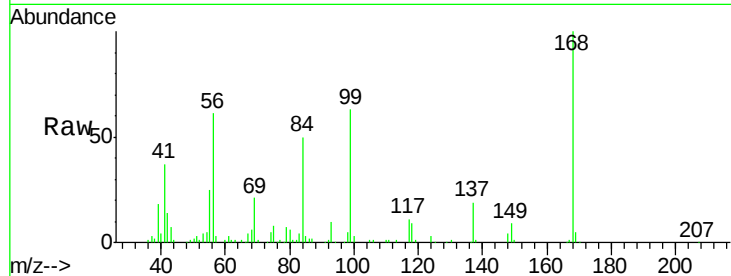
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	63.2	51.8	77.6

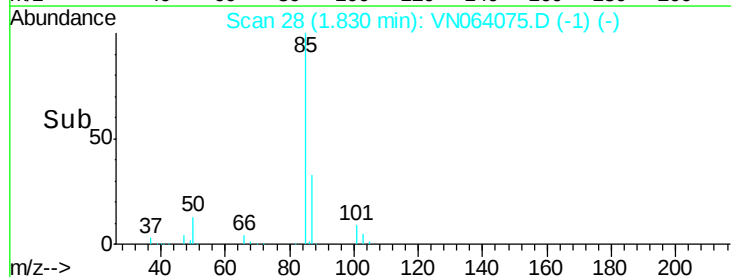
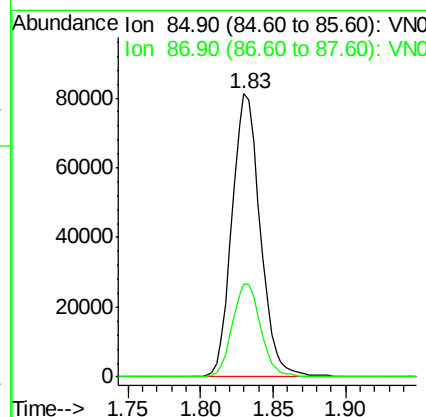
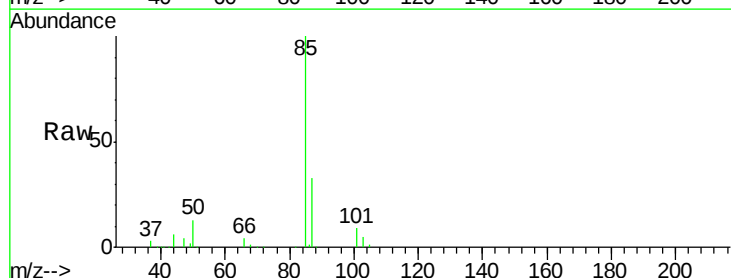
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#2
Dichlorodifluoromethane
Concen: 42.829 ug/l
RT: 1.83 min Scan# 28
Delta R.T. -0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.0	48.0





#3

Chloromethane

Concen: 46.830 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 141263

Ion Ratio Lower Upper

50 100

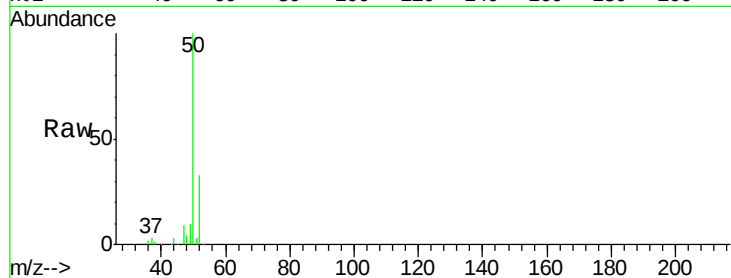
52 32.7 25.8 38.8

Manual Integrations

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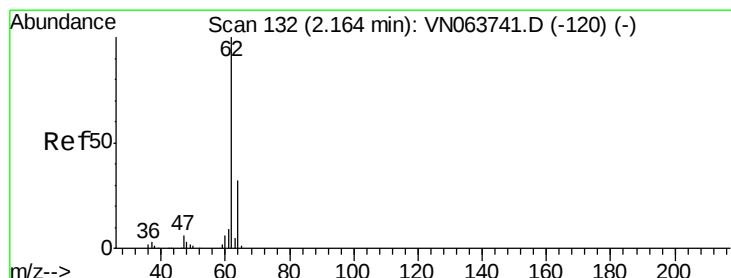
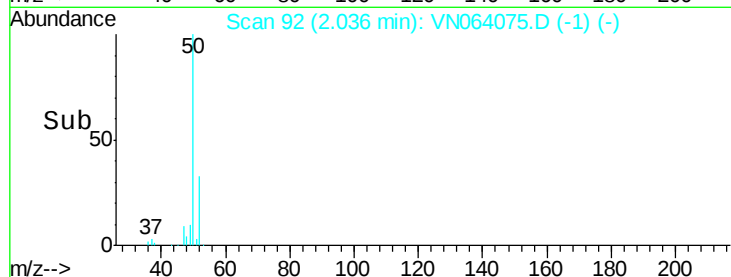
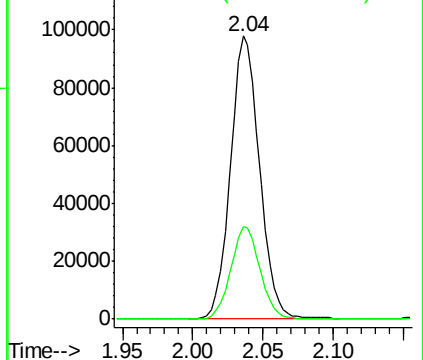
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.913 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064075.D

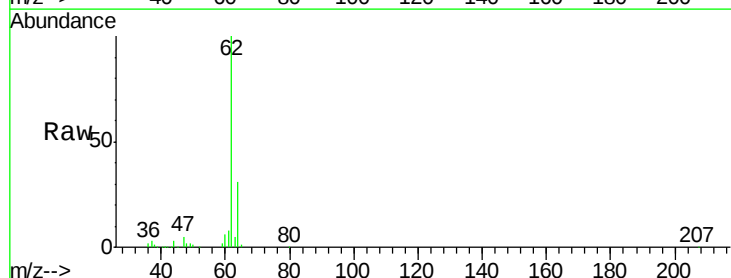
Acq: 10 Oct 2020 7:37

Tgt Ion: 62 Resp: 139022

Ion Ratio Lower Upper

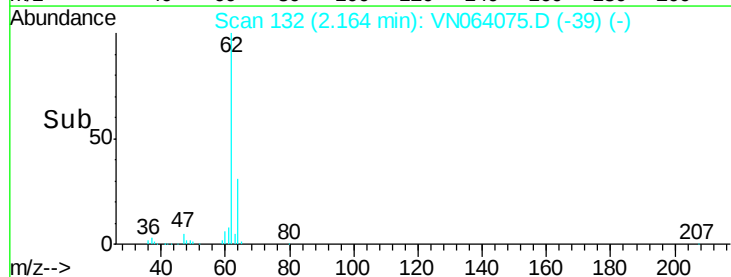
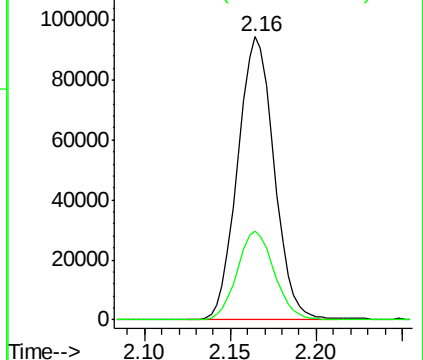
62 100

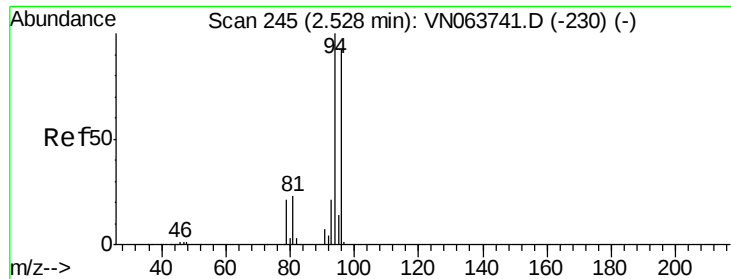
64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 41.965 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

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VSTDCCC050EC

Tot Ion: 94 Resp: 79925

Ion Ratio Lower Upper

94 100

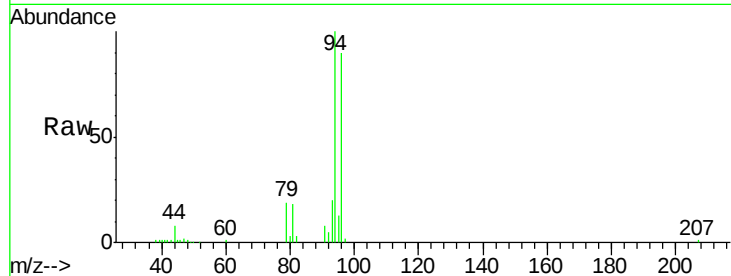
96 89.7 73.3 109.9

Manual Integrations

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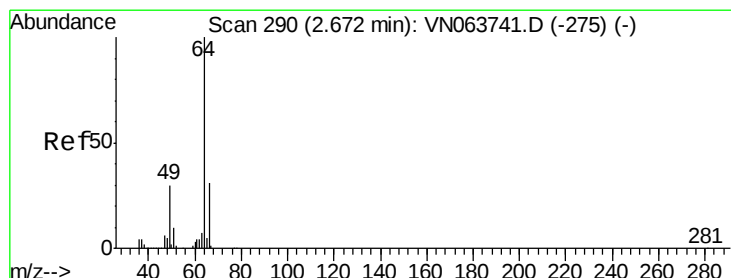
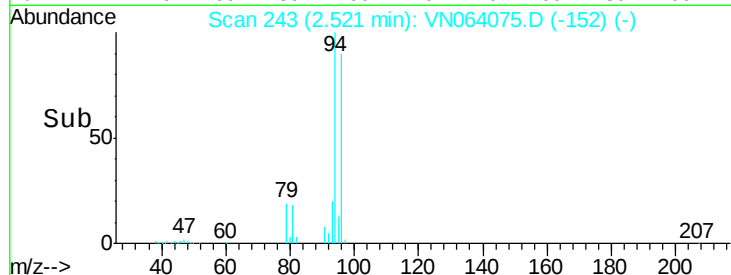
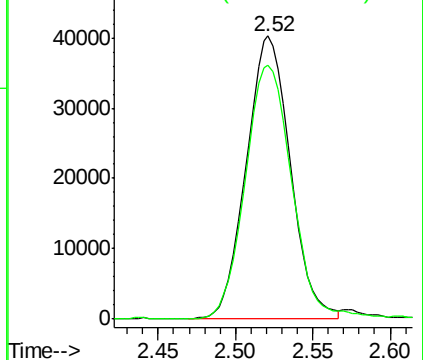
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 50.642 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064075.D

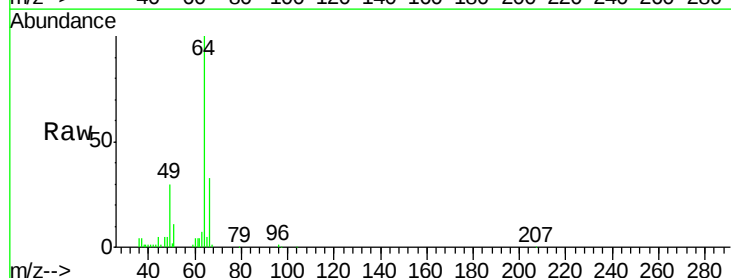
Acq: 10 Oct 2020 7:37

Tgt Ion: 64 Resp: 91628

Ion Ratio Lower Upper

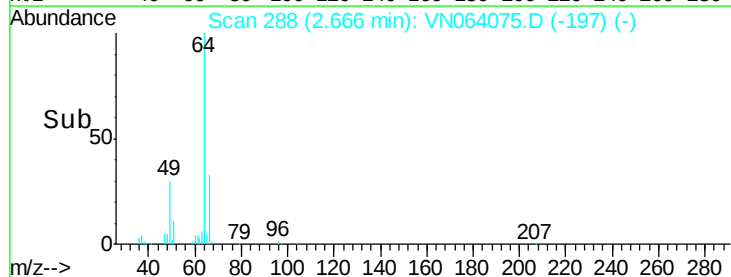
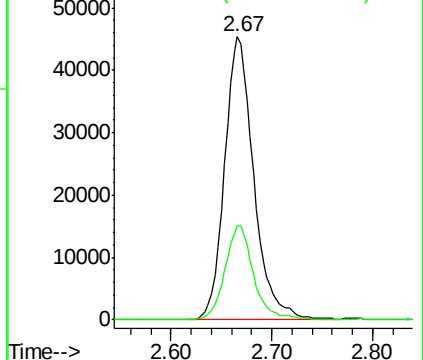
64 100

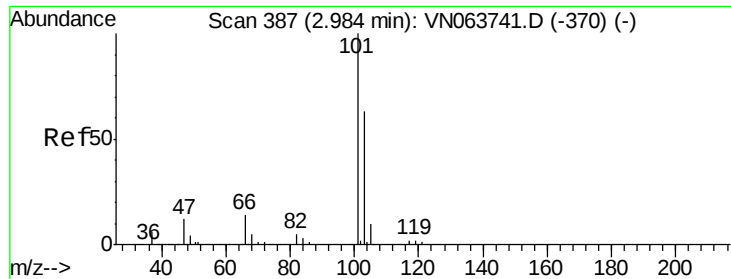
66 33.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

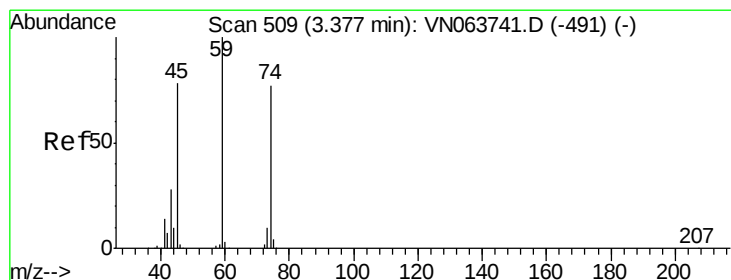
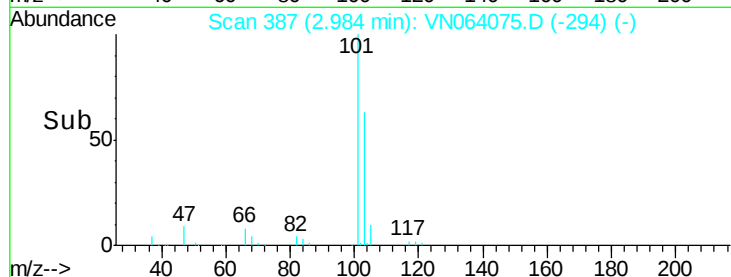
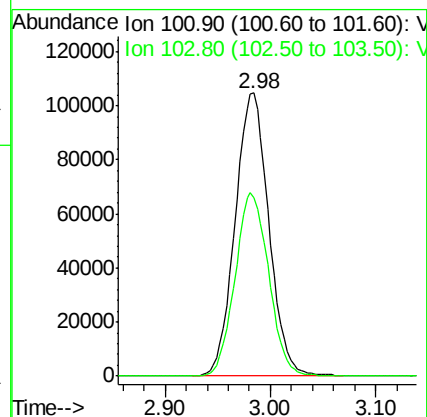
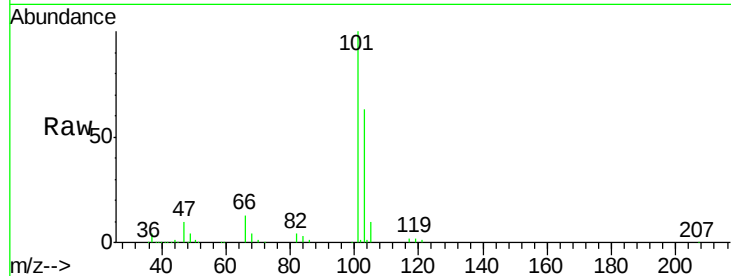
Trichlorofluoromethane
Concen: 48.347 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		232173		
103	62.9	50.7	76.1		

Manual Integrations
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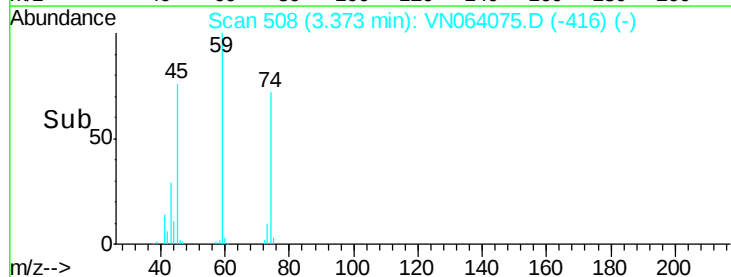
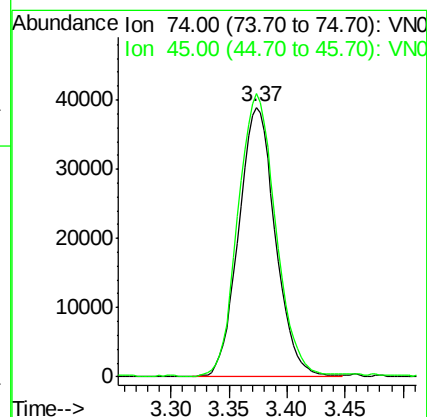
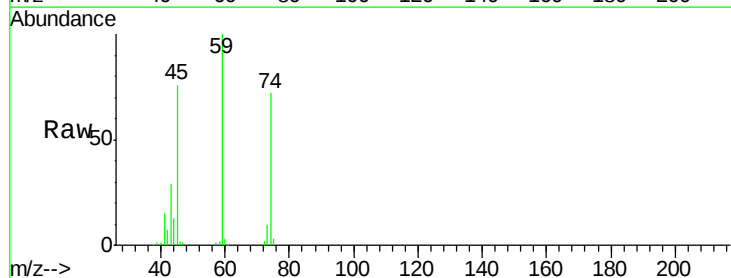
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#8

Diethyl Ether
Concen: 52.769 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		85702		
45	108.5	50.9	152.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.313 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

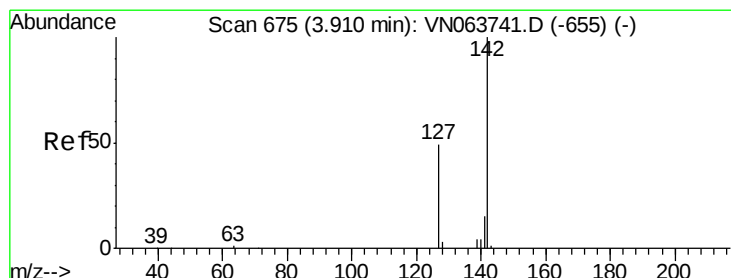
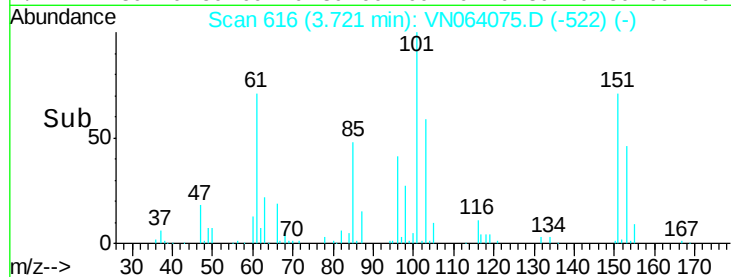
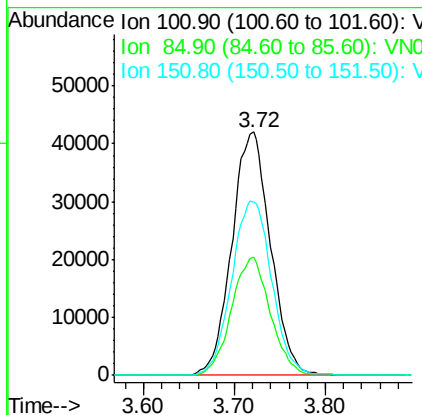
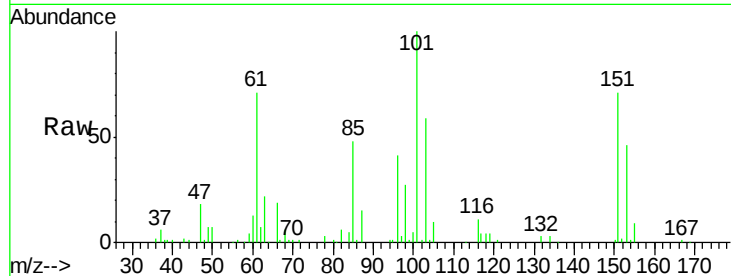
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	124008
Ion Ratio	Lower	Upper	
101	100		
85	48.9	38.6	58.0
151	74.2	58.7	88.1

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#10

Methyl Iodide

Concen: 51.480 ug/l

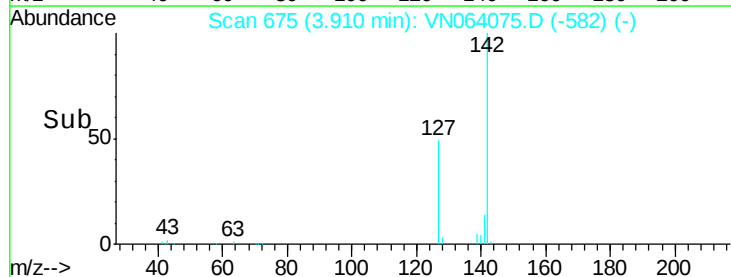
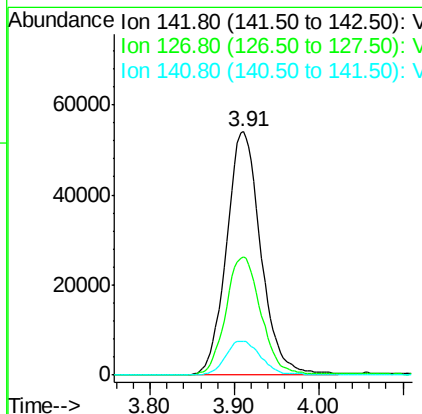
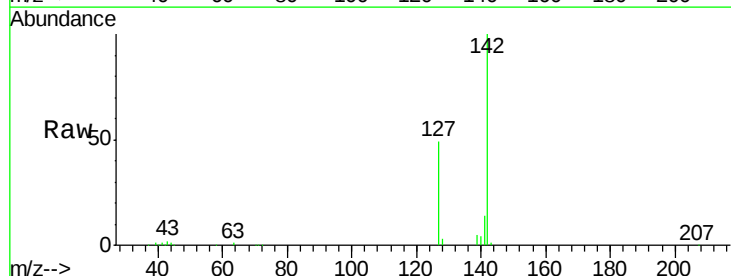
RT: 3.91 min Scan# 675

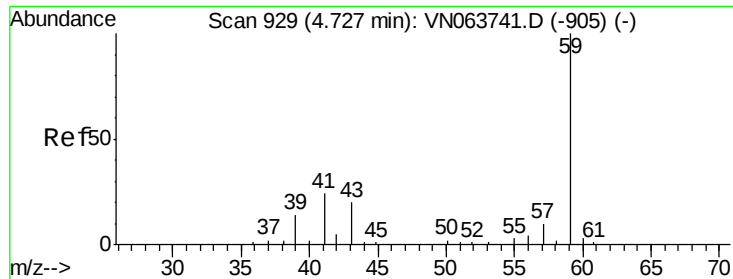
Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Tgt Ion:	142	Resp:	153425
Ion Ratio	Lower	Upper	
142	100		
127	49.5	40.5	60.7
141	14.5	11.7	17.5





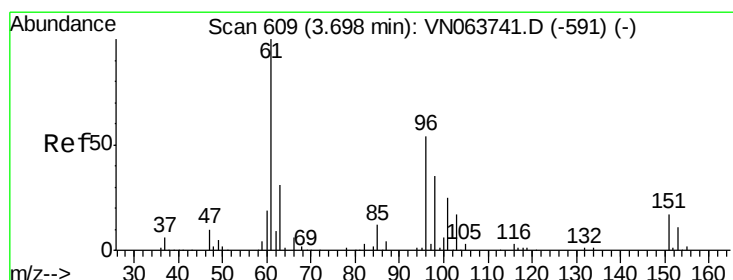
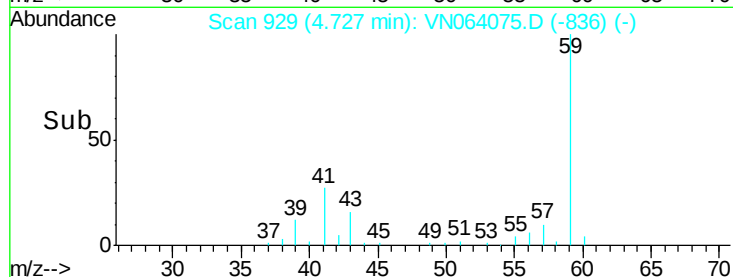
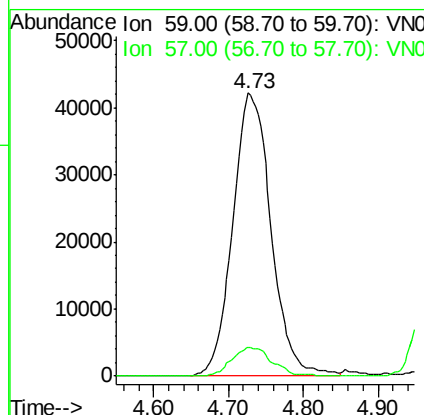
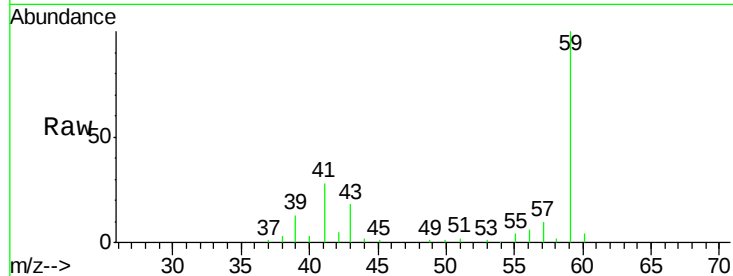
#11
Tert butyl alcohol
Concen: 338.106 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 150249
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

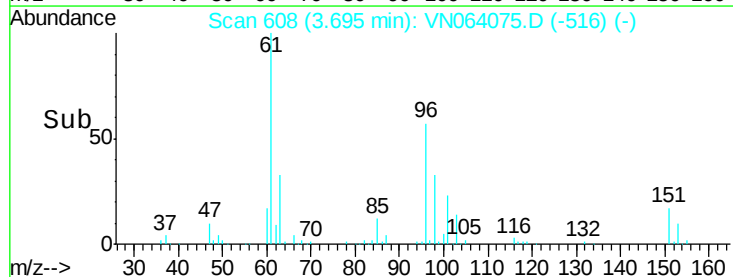
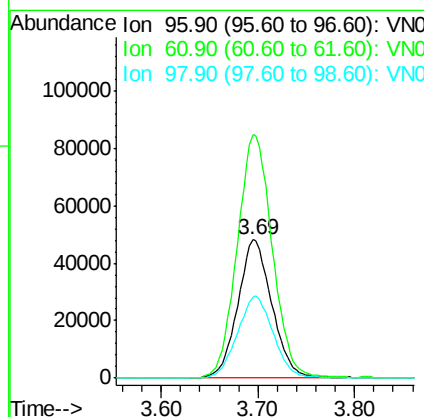
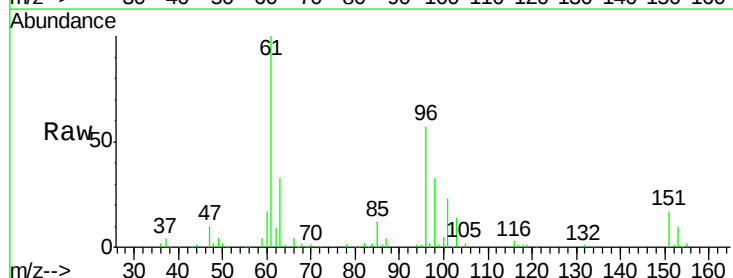
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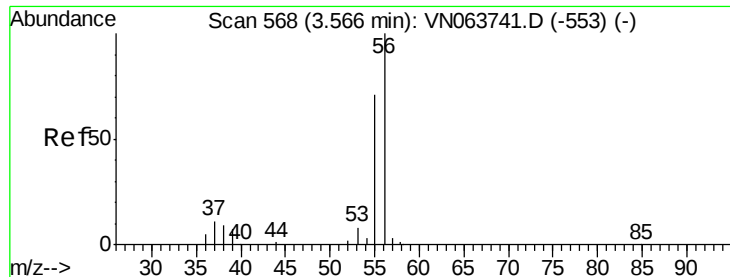
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.156 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 96 Resp: 118146
Ion Ratio Lower Upper
96 100
61 176.3 147.7 221.5
98 58.8 51.9 77.9





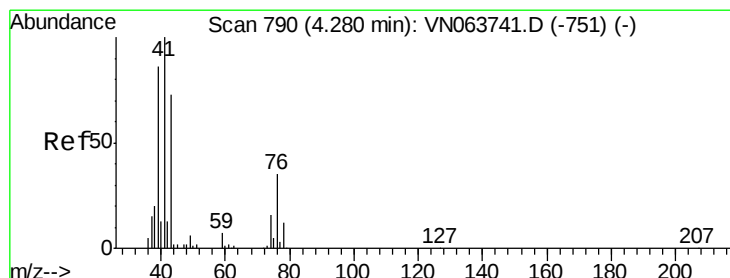
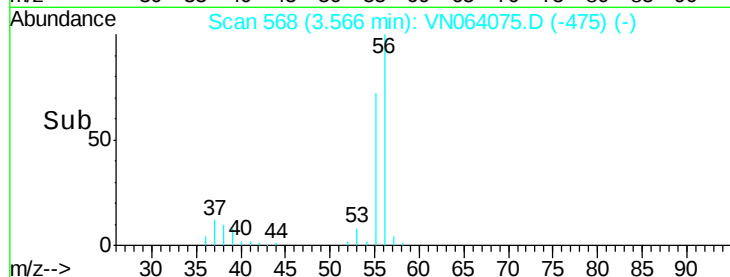
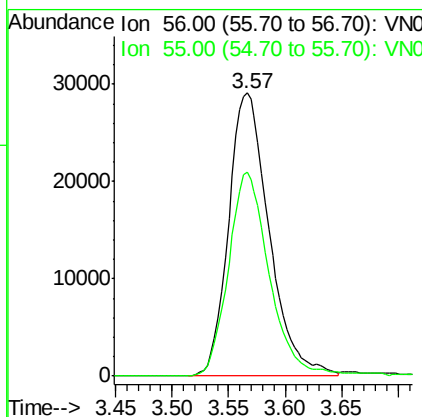
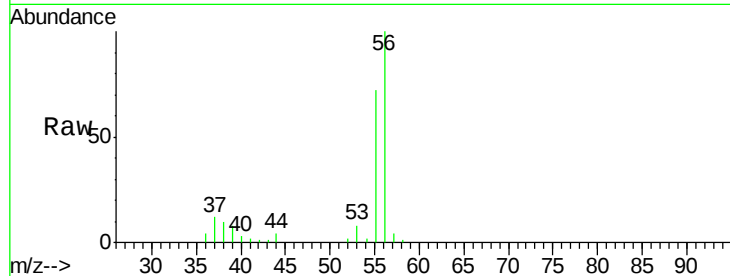
#13
Acrolein
Concen: 266.831 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	72775
Ion Ratio	100	Lower	Upper
56	100		
55	72.2	56.9	85.3

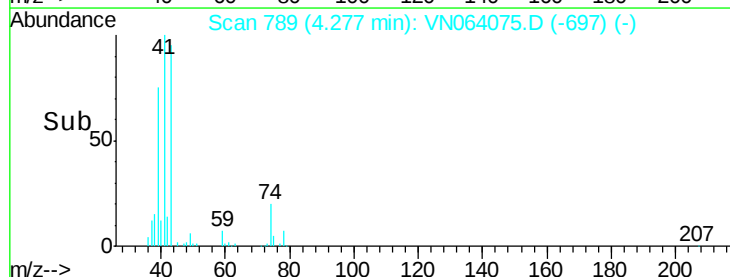
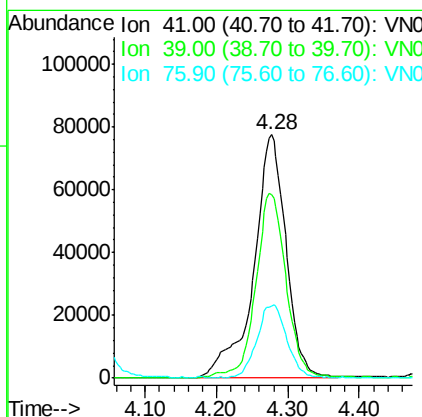
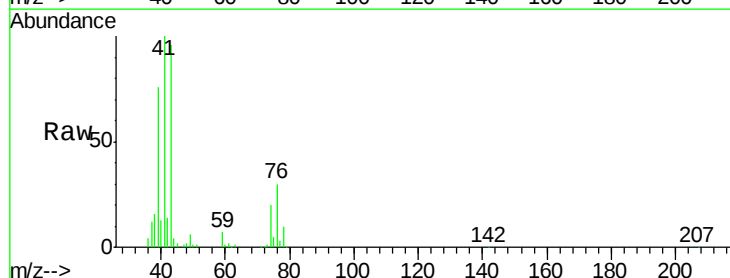
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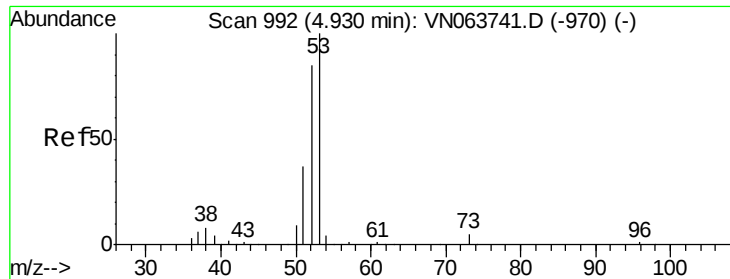
MMDadoda
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#14
Allyl chloride
Concen: 53.728 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	41	Resp	244888
Ion Ratio	100	Lower	Upper
41	100		
39	71.0	64.5	96.7
76	27.8	25.9	38.9





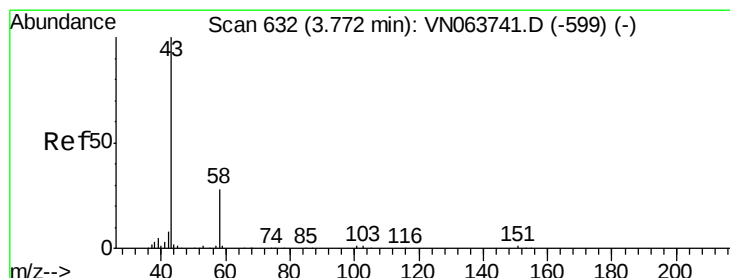
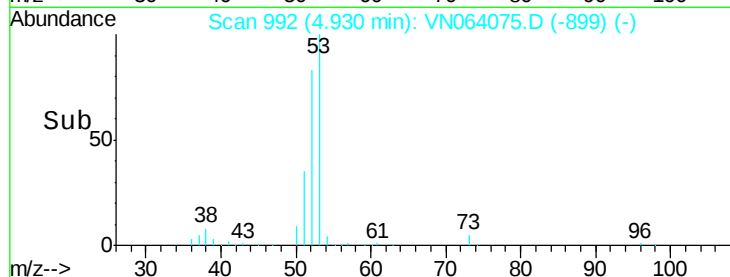
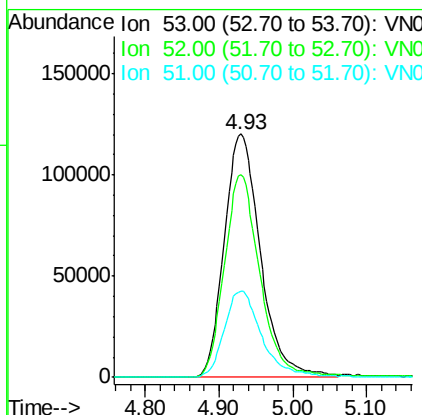
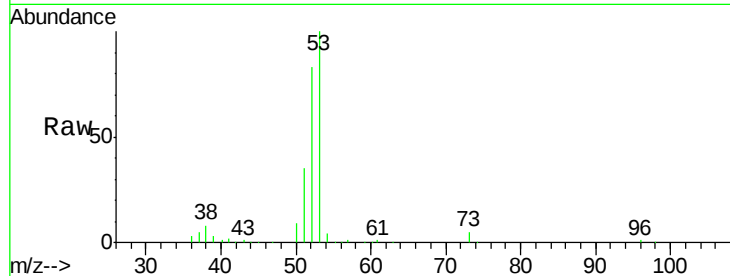
#15
 Acrylonitrile
 Concen: 323.148 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	81.2	66.5	99.7	
51	36.5	29.9	44.9	

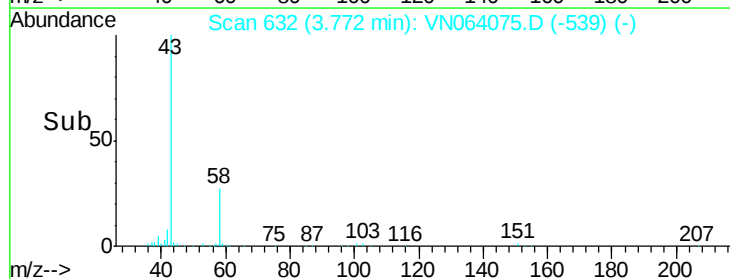
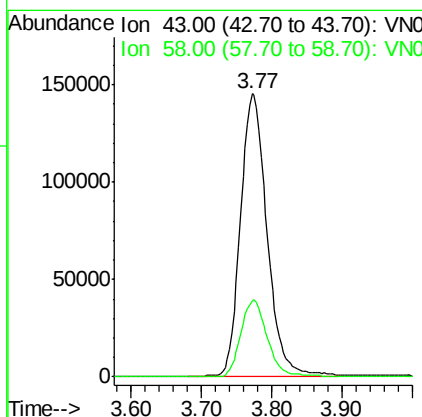
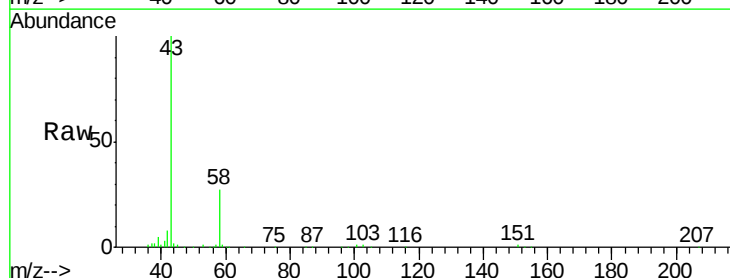
Manual Integrations
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#16
 Acetone
 Concen: 308.470 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	27.0	22.3	33.5	





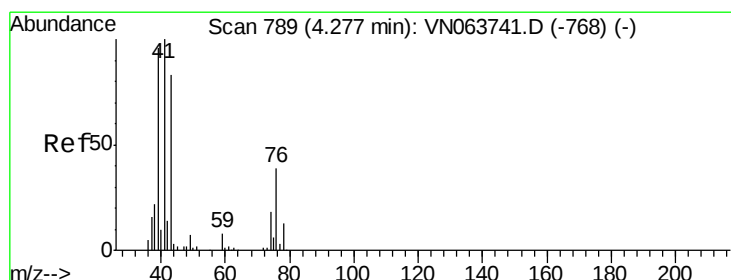
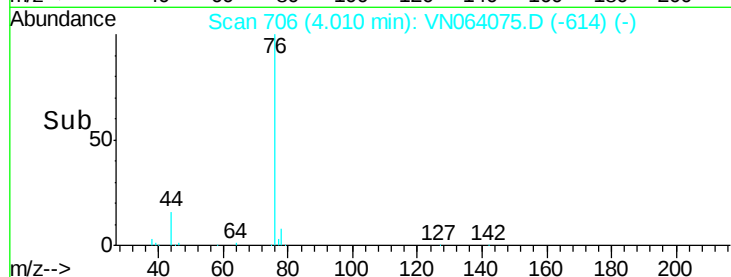
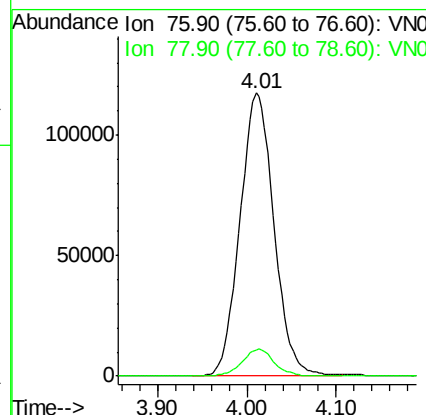
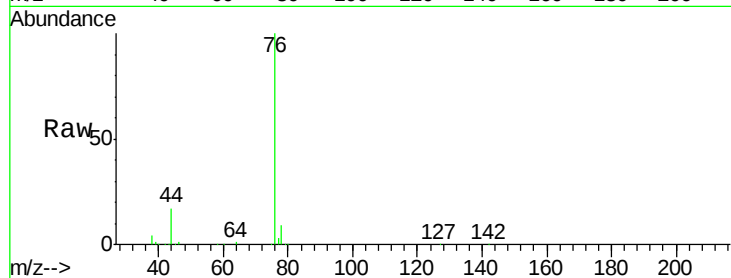
#17
Carbon Disulfide
Concen: 46.980 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

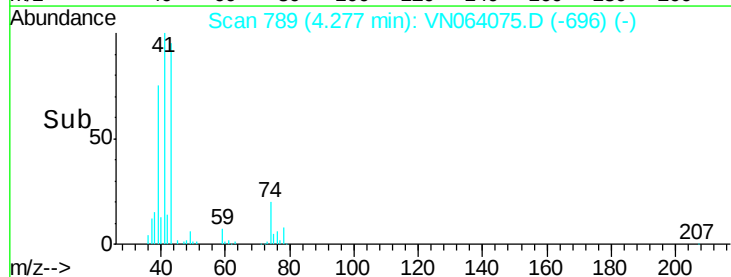
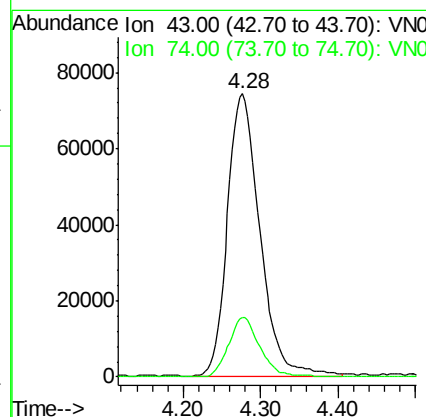
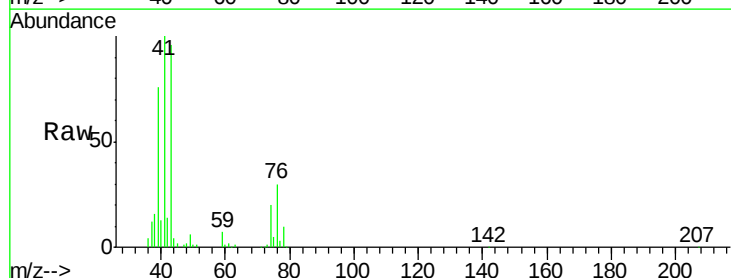
Manual Integrations
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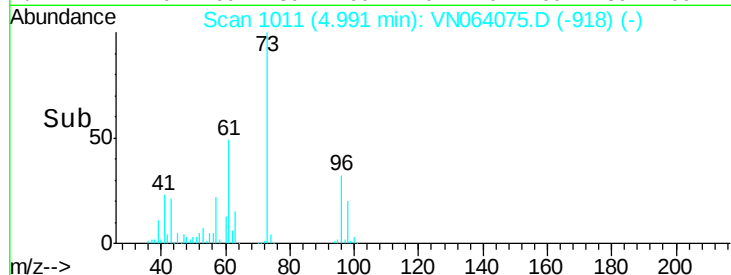
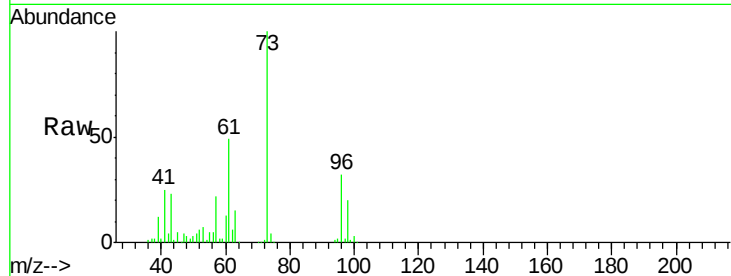
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#18
Methyl Acetate
Concen: 67.110 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	17.4	26.2





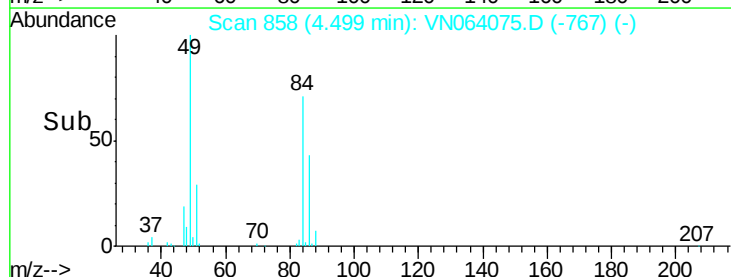
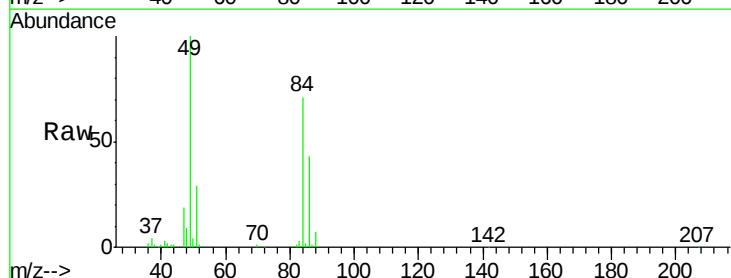
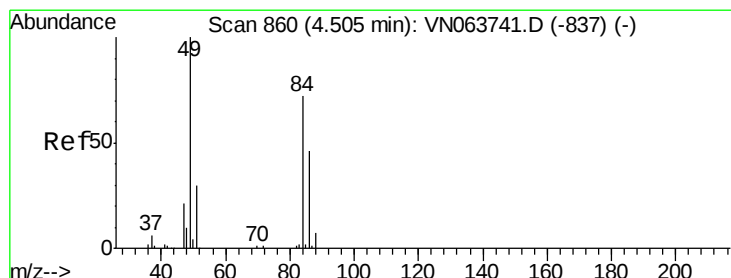
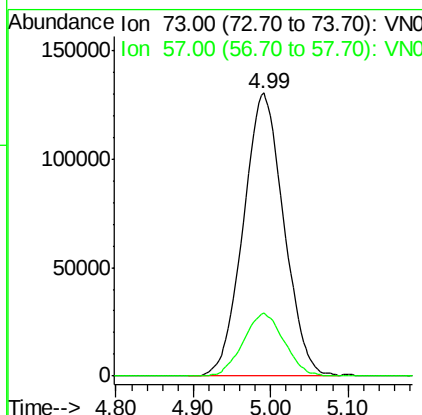
#19
Methvl tert-butvl Ether
Concen: 53.412 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tot Ion: 73 Resp: 476089
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

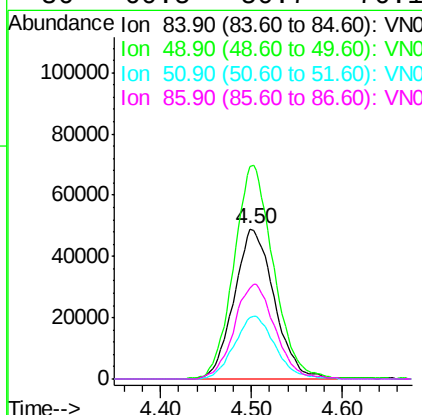
Manual Integrations
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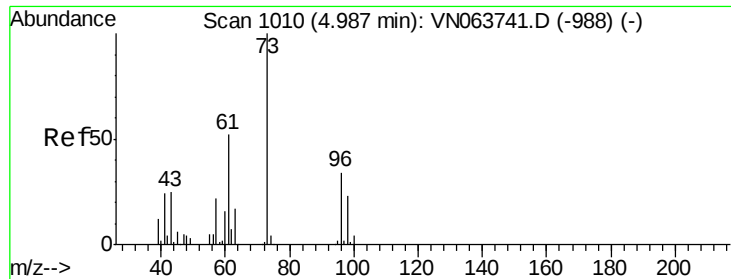
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#20
Methylene Chloride
Concen: 52.884 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 84 Resp: 150104
Ion Ratio Lower Upper
84 100
49 140.5 110.4 165.6
51 40.6 33.3 49.9
86 60.5 50.7 76.1





#21

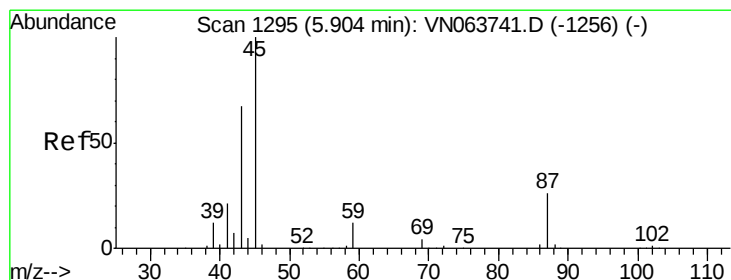
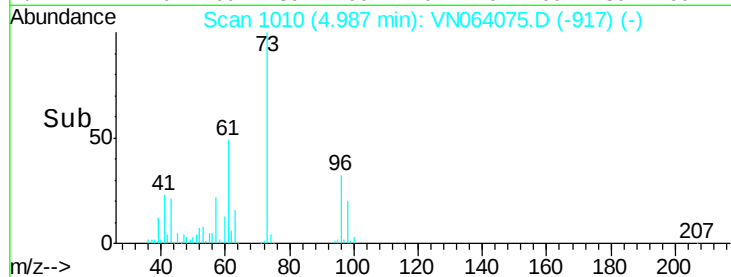
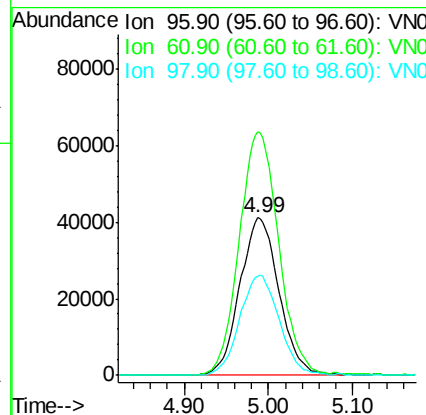
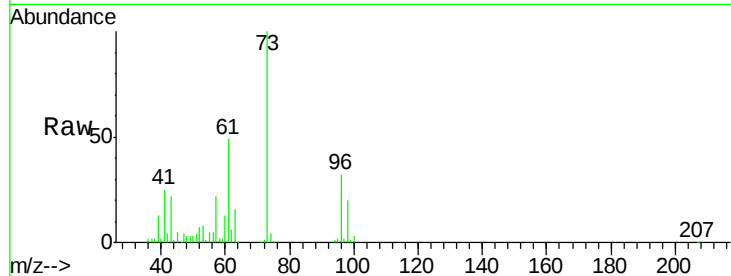
trans-1,2-Dichloroethene
Concen: 48.382 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.6	120.2	180.2
98	63.1	52.6	79.0

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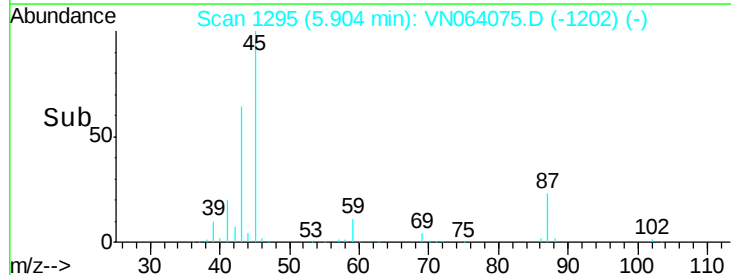
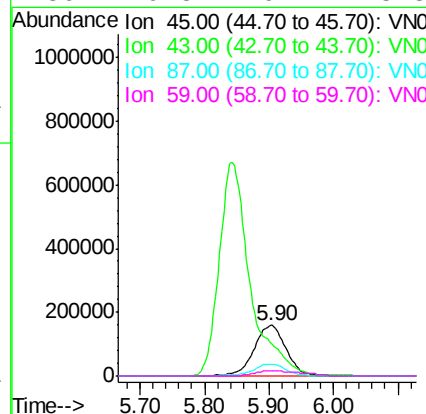
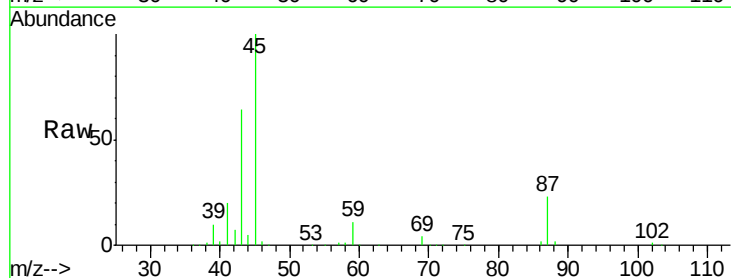
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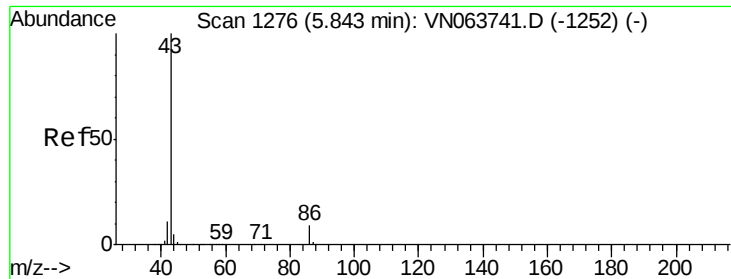


#22

Diisopropyl ether
Concen: 58.652 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.5	53.7	80.5
87	23.3	21.1	31.7
59	10.8	9.2	13.8





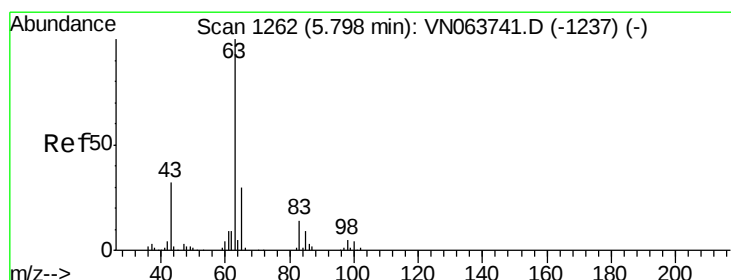
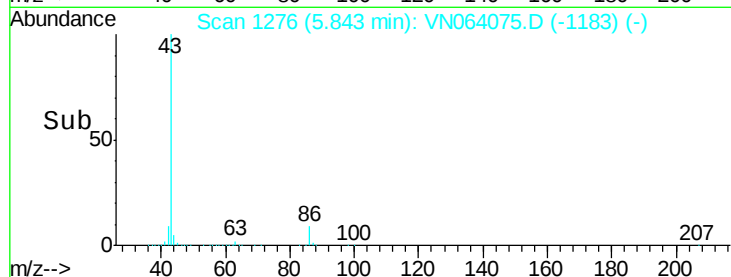
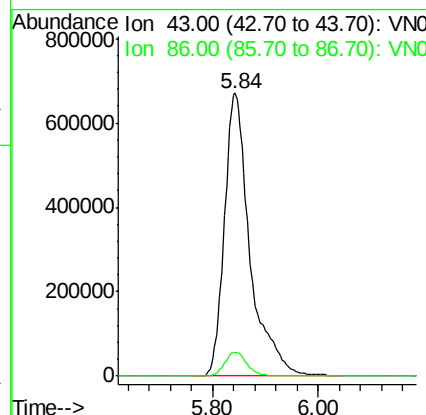
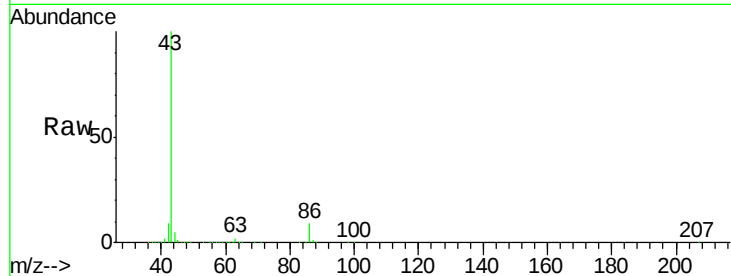
#23
 Vinyl Acetate
 Concen: 289.851 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2251599
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.3 10.9

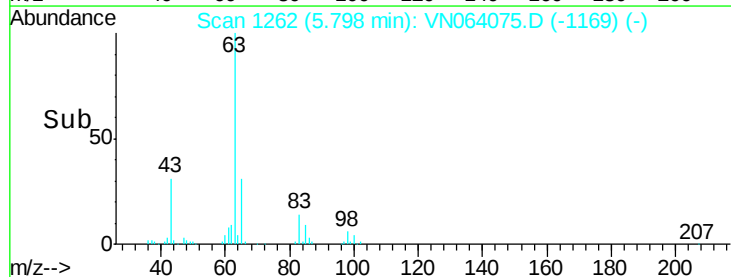
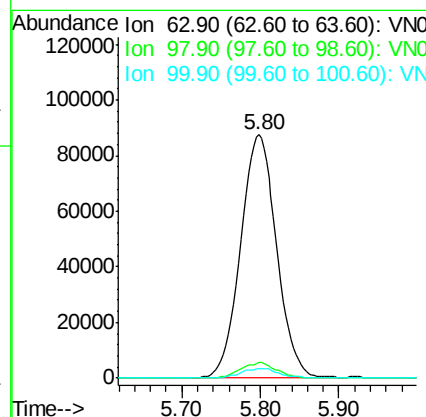
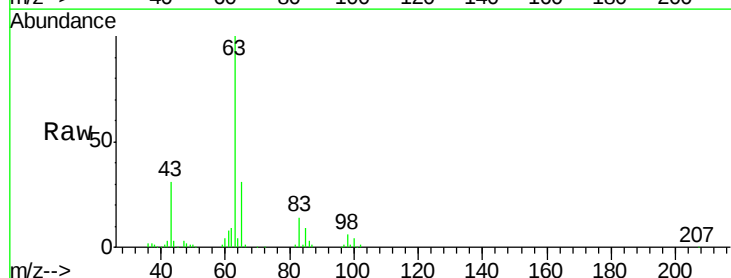
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 52.462 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion: 63 Resp: 281300
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.7 8.1
 100 3.7 1.9 5.7





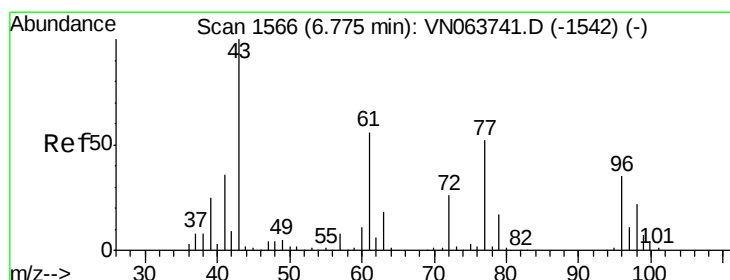
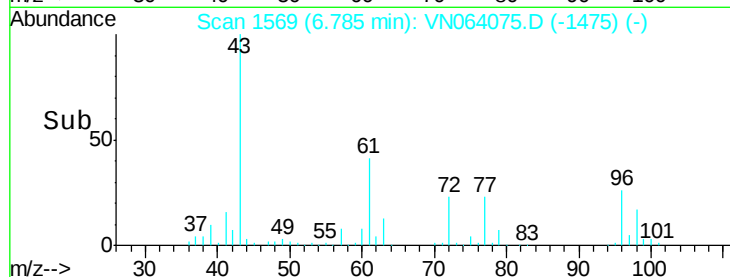
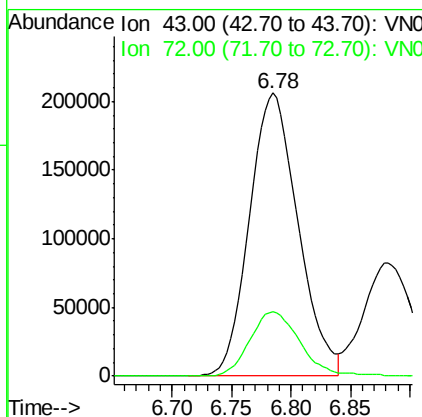
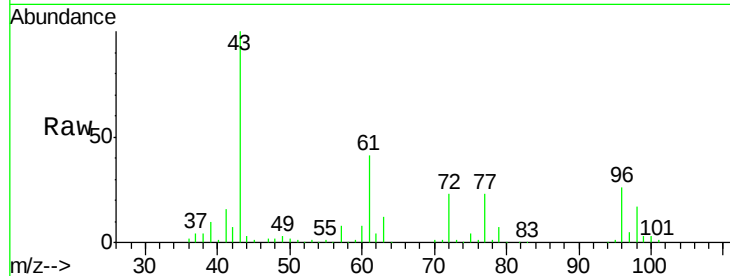
#25
2-Butanone
Concen: 331.869 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 582986
Ion Ratio Lower Upper
43 100
72 22.7 19.3 28.9

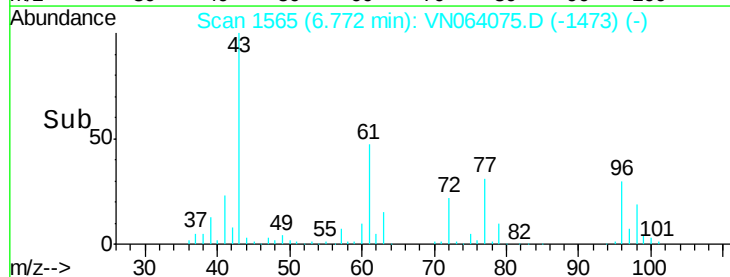
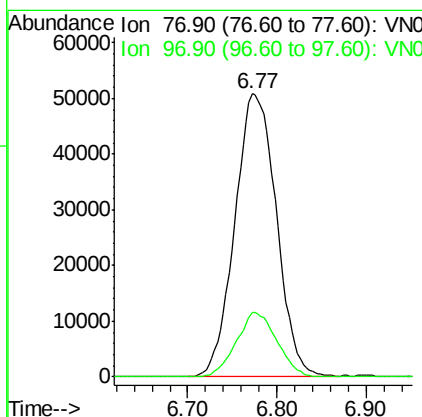
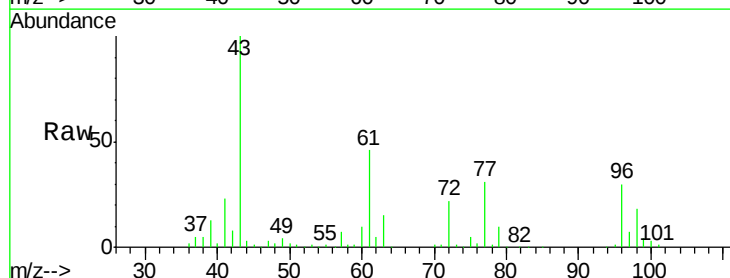
Manual Integrations
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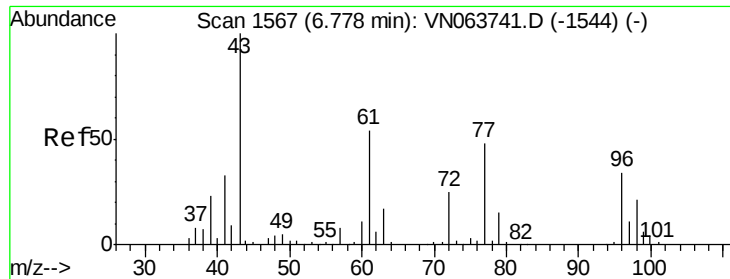
MMDadoda
10/12/2020 2:10:25 PM



#26
2,2-Dichloropropane
Concen: 33.410 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 77 Resp: 164053
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.695 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064075.D

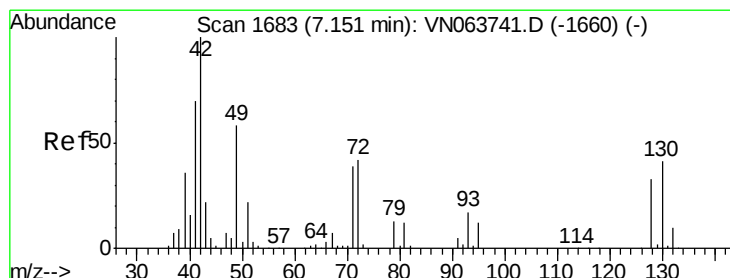
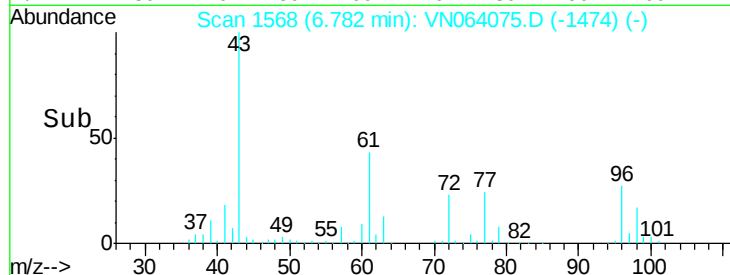
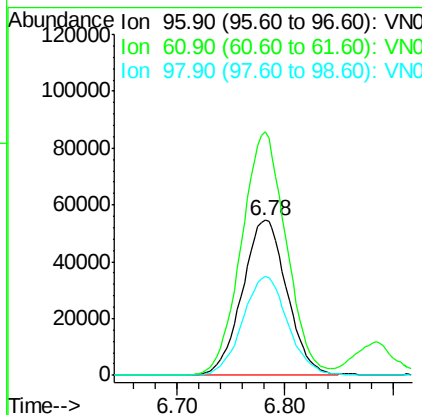
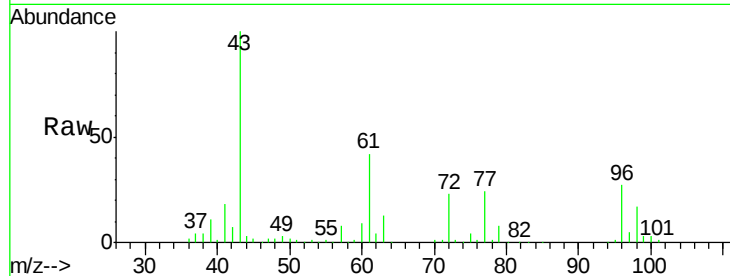
Acq: 10 Oct 2020 7:37

Tot Ion:	96	Resp:	157063
Ion Ratio	Lower	Upper	
96	100		
61	157.4	0.0	321.2
98	64.3	0.0	124.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 55.413 ug/l

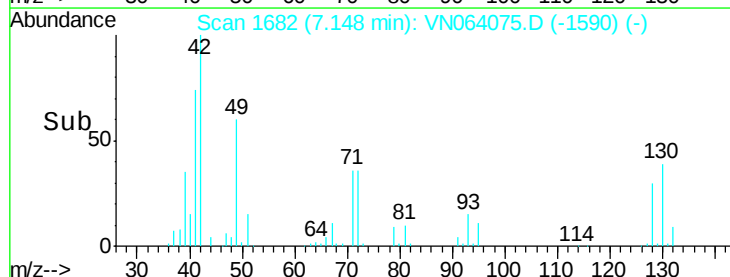
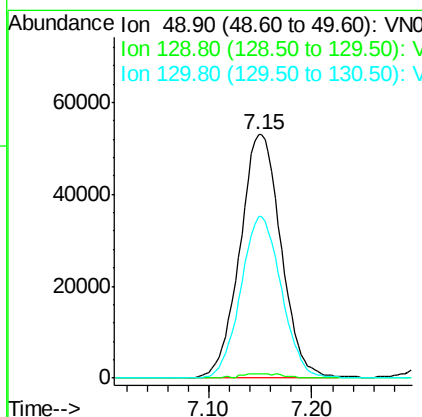
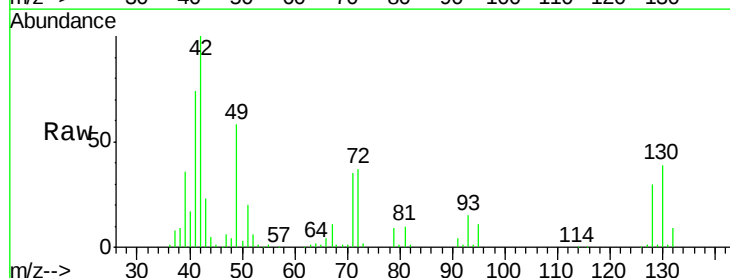
RT: 7.15 min Scan# 1682

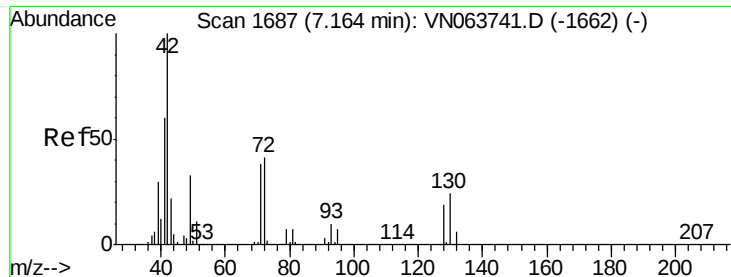
Delta R.T. -0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Tgt Ion:	49	Resp:	146851
Ion Ratio	Lower	Upper	
49	100		
129	0.7	0.0	4.8
130	65.6	55.6	83.4





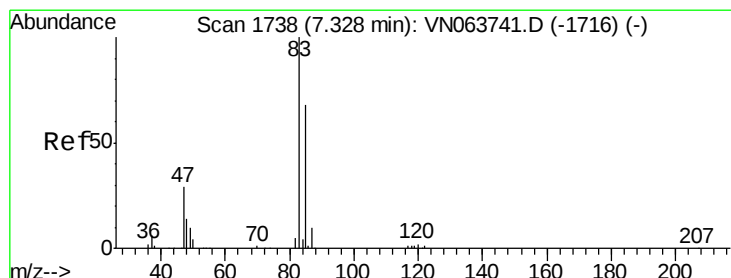
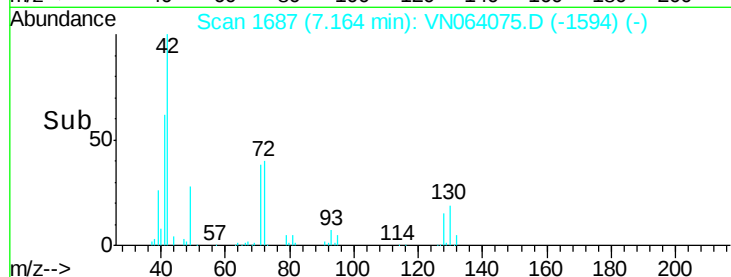
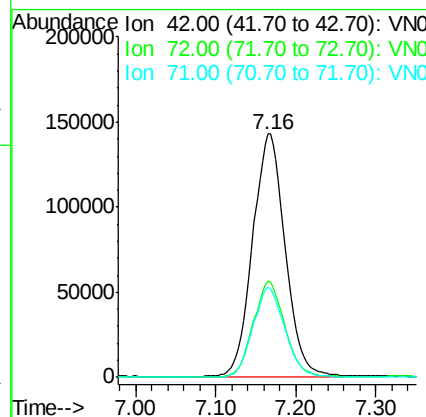
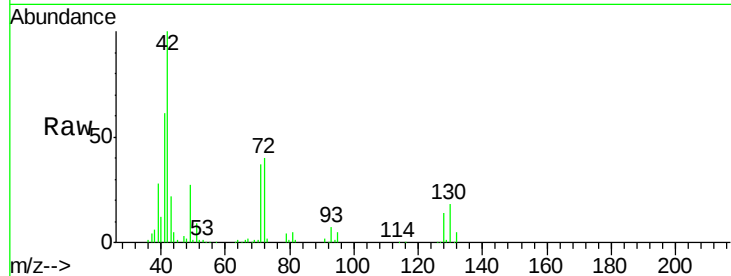
#29
Tetrahydrofuran
Concen: 337.979 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	32.8	49.2
71	36.3	30.6	45.8

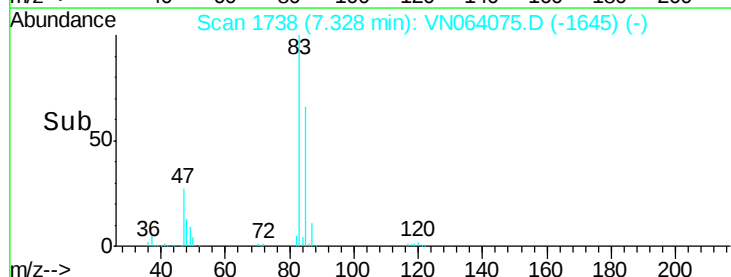
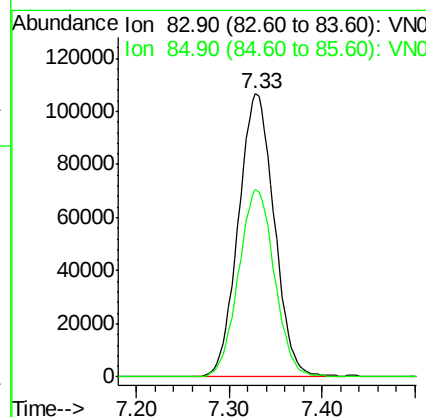
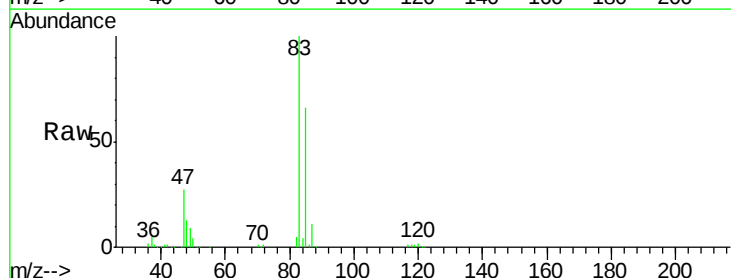
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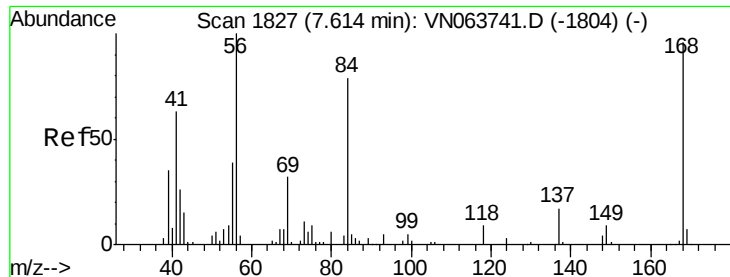
MMDadoda
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#30
Chloroform
Concen: 51.186 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	54.6	82.0





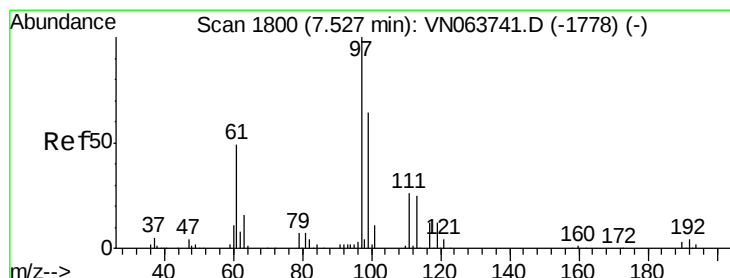
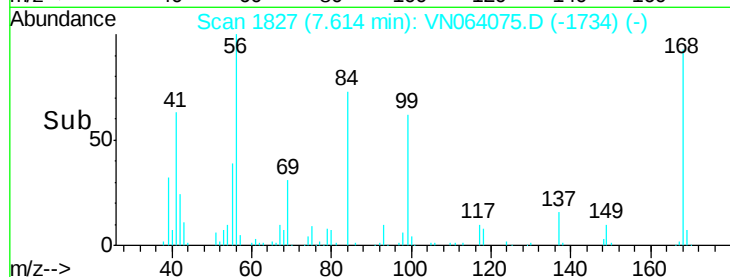
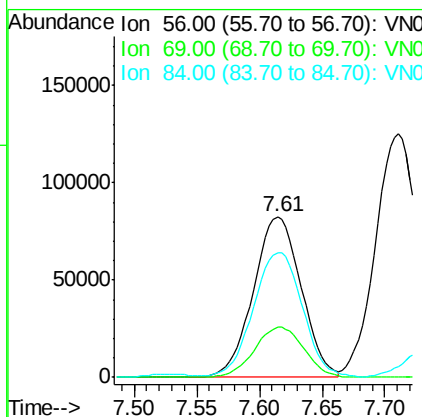
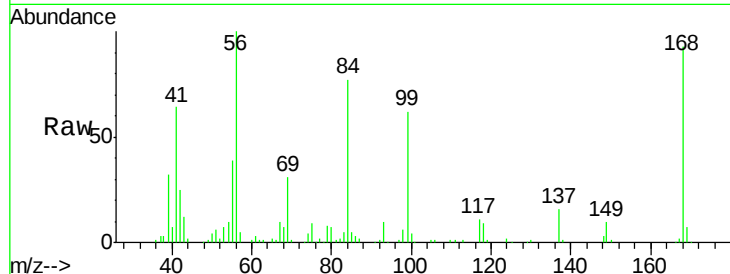
#31
Cyclohexane
Concen: 46.944 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
56	100	219366		
69	31.1		25.4	38.2
84	76.1		63.3	94.9

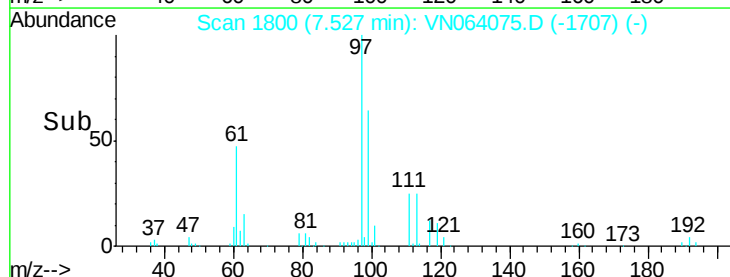
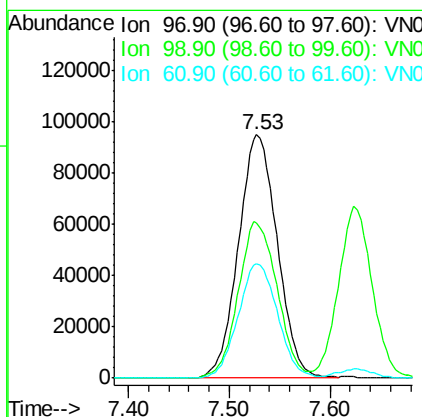
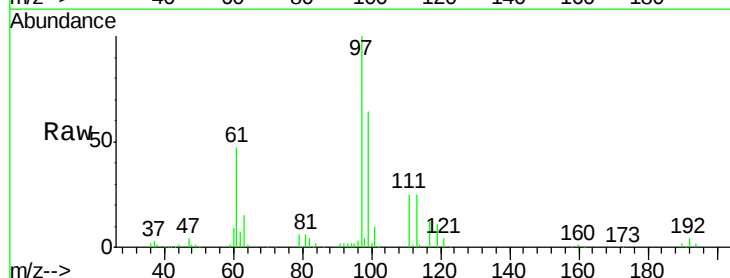
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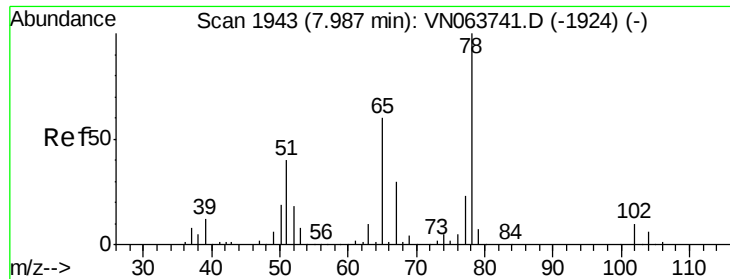
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.255 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	253421		
99	64.2		51.0	76.6
61	47.7		38.7	58.1





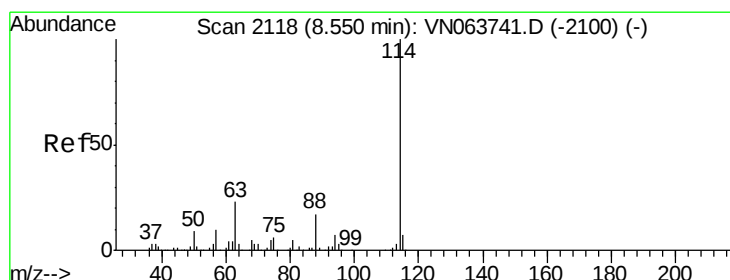
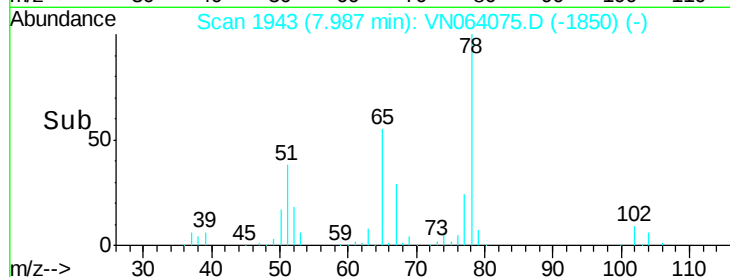
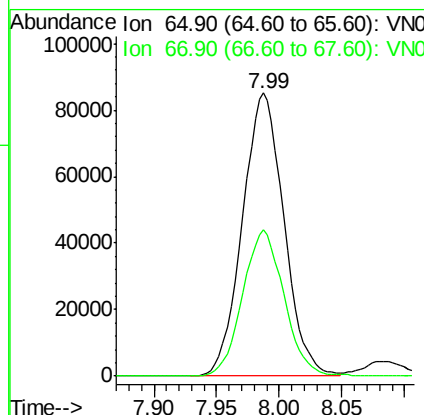
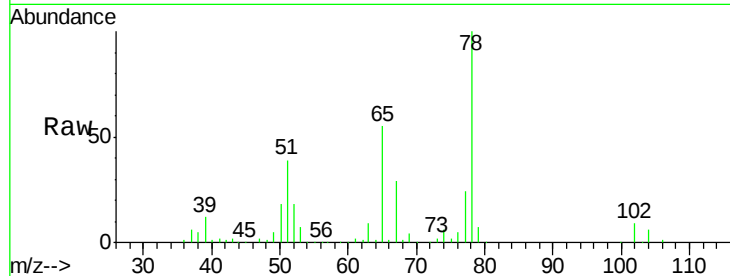
#33
 1,2-Dichloroethane-d4
 Concen: 48.703 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196034		
67	51.6	0.0	99.6	

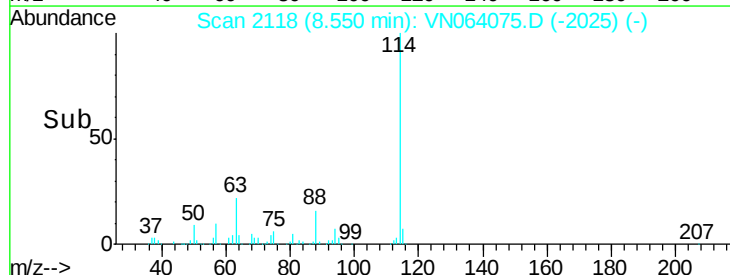
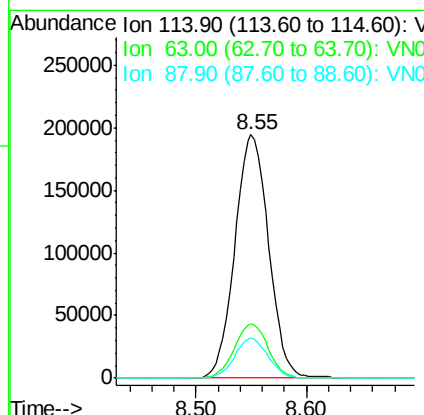
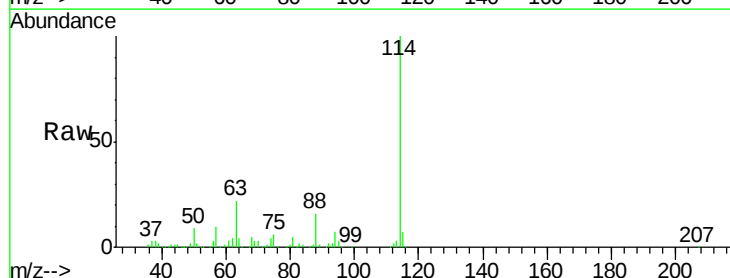
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411695		
63	22.2	0.0	45.0	
88	16.4	0.0	34.0	





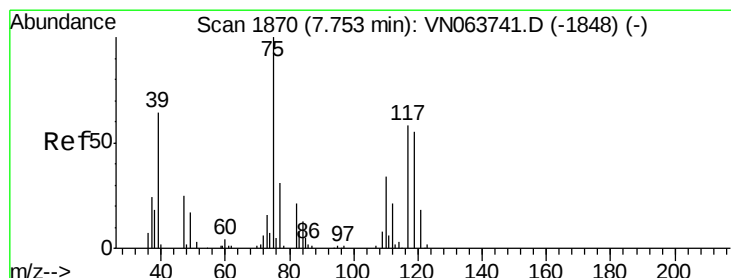
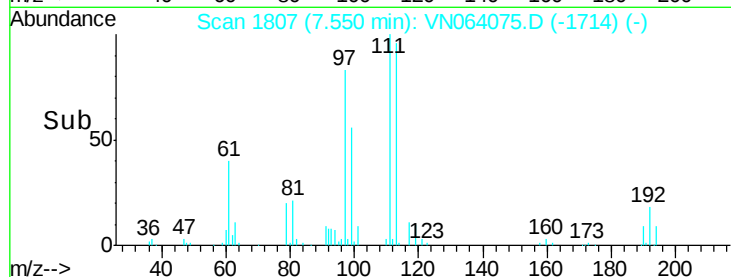
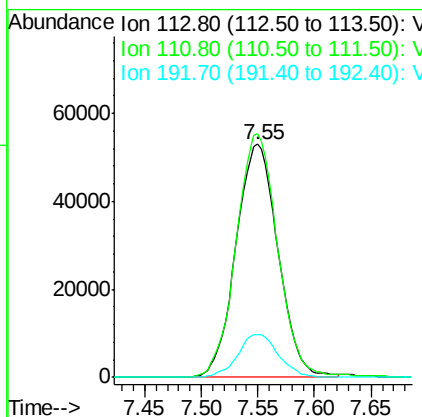
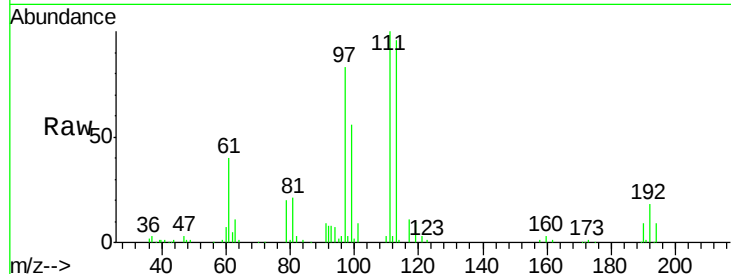
#35
 Dibromofluoromethane
 Concen: 48.016 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137165		
111	103.2	81.8	122.8	
192	17.8	14.2	21.2	

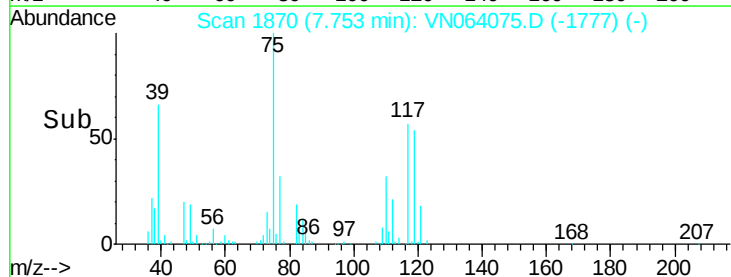
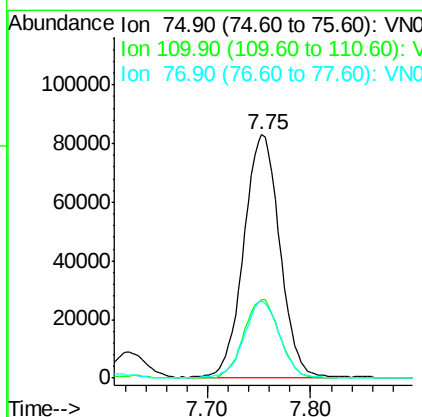
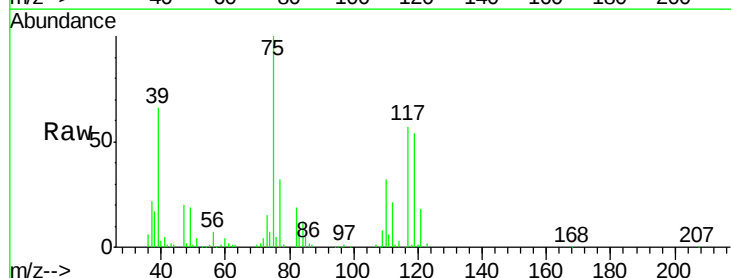
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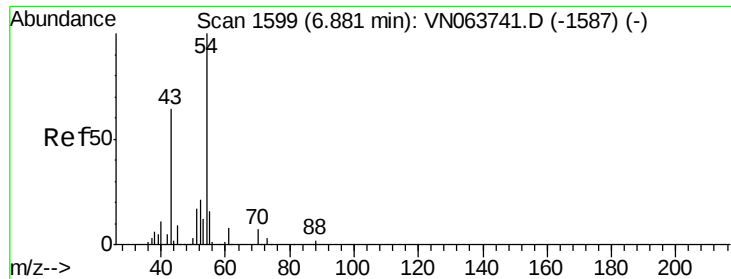
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#36
 1,1-Dichloropropene
 Concen: 48.027 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200315		
110	32.3	16.9	50.6	
77	31.7	24.5	36.7	





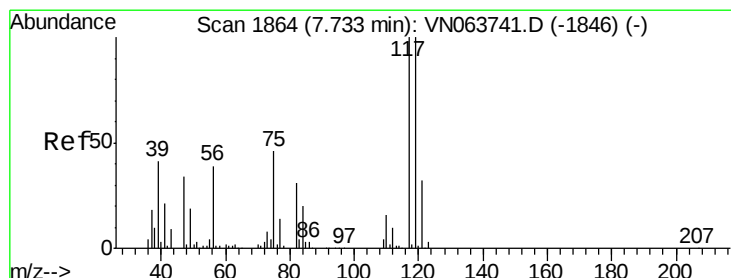
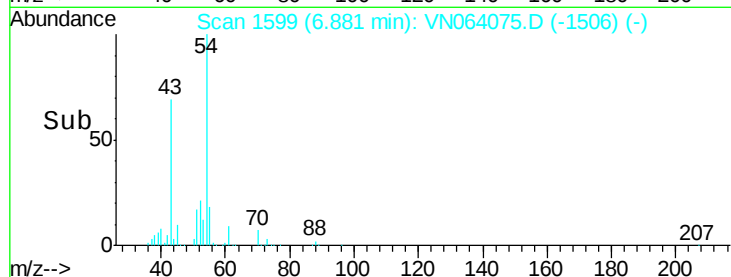
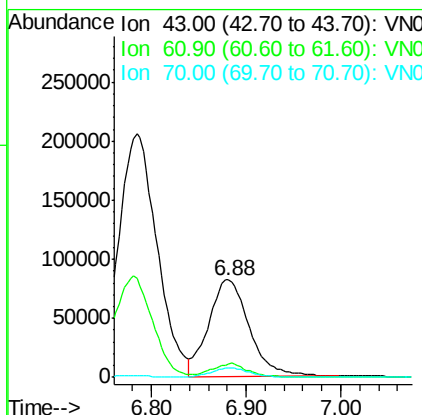
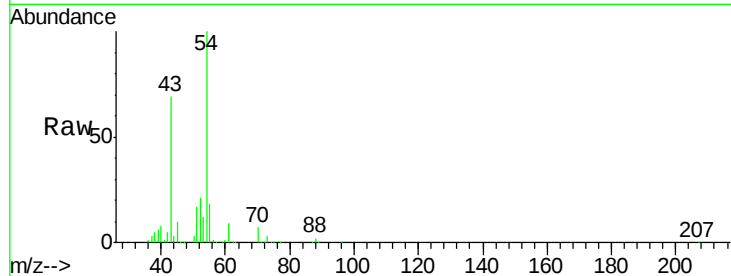
#37
Ethyl Acetate
Concen: 59.156 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.4	15.6
70	9.2	7.3	10.9

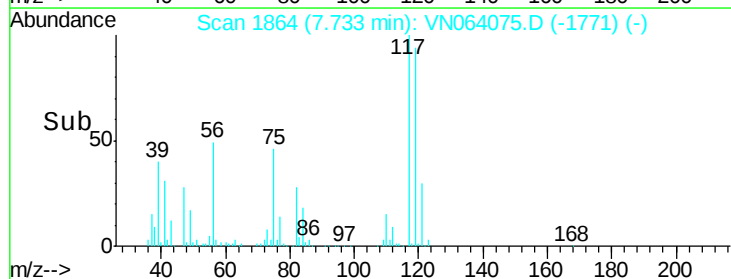
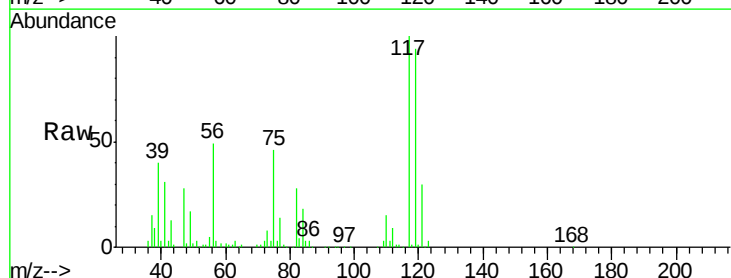
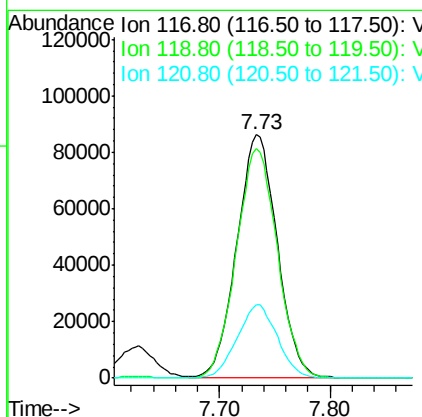
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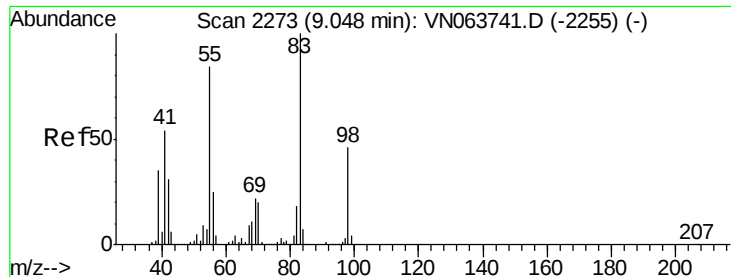
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#38
Carbon Tetrachloride
Concen: 46.465 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	80.1	120.1
121	30.5	25.7	38.5





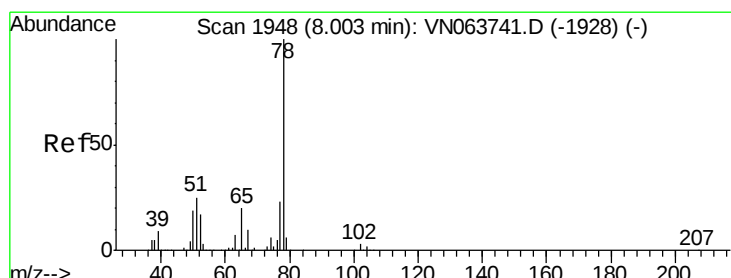
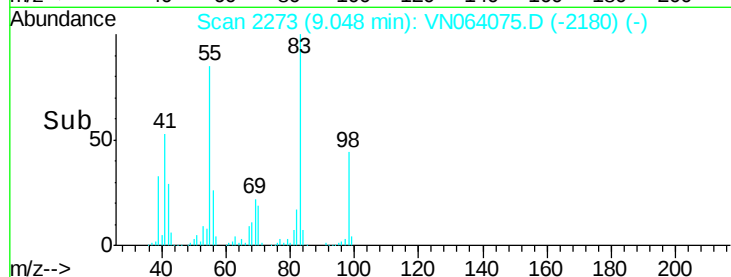
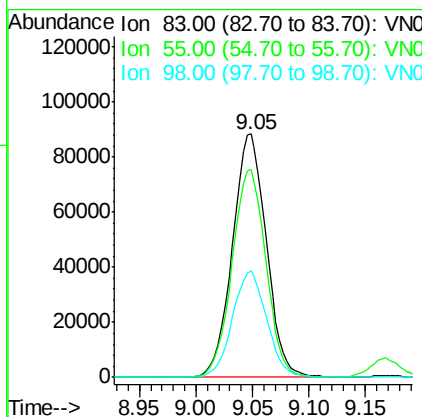
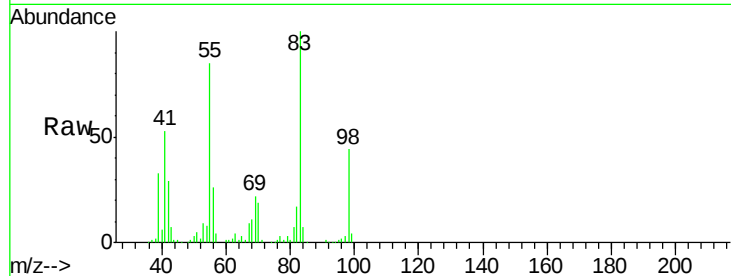
#39
Methvlcvclohexane
Concen: 44.358 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.2	67.1	100.7
98	43.9	36.6	54.8

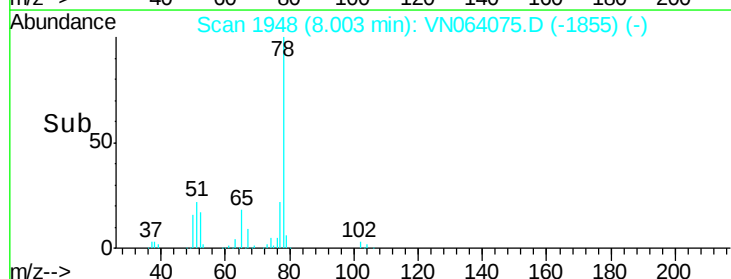
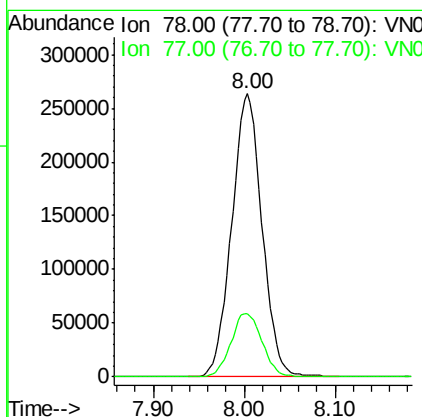
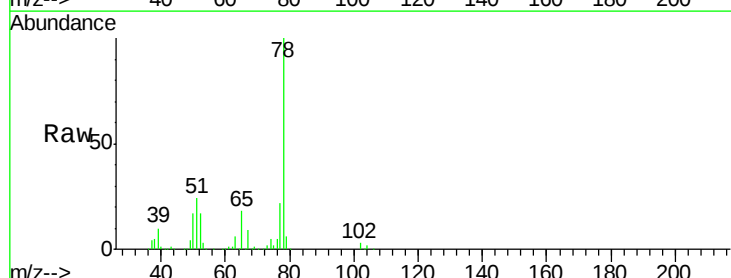
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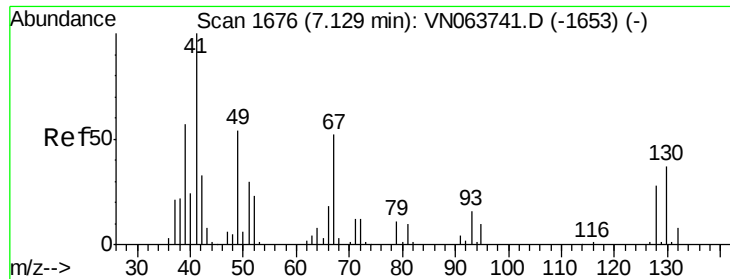
MMDadoda
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#40
Benzene
Concen: 51.055 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.7	28.1





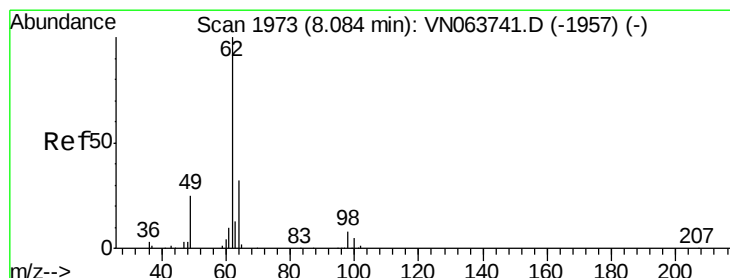
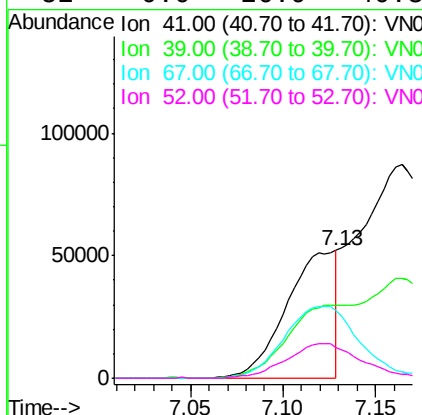
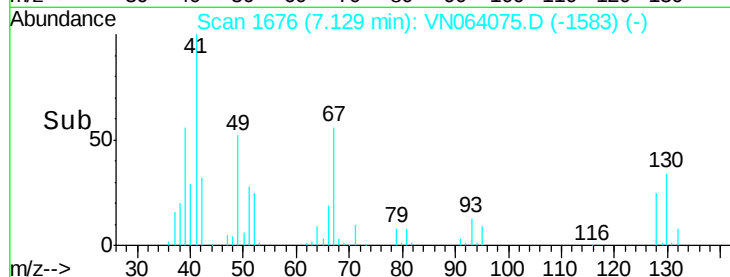
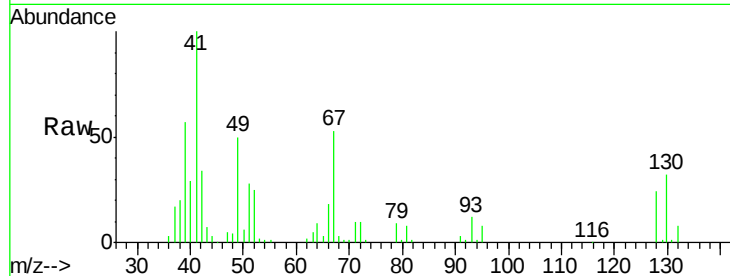
#41
Methacrylonitrile
Concen: 53.197 ug/l m
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

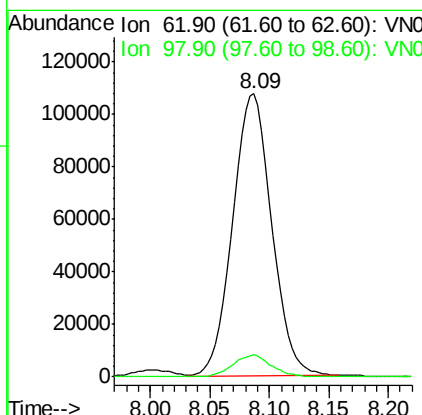
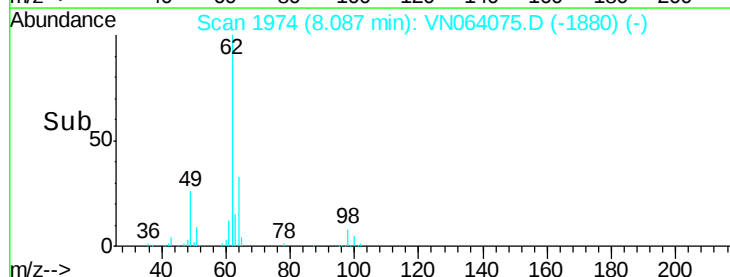
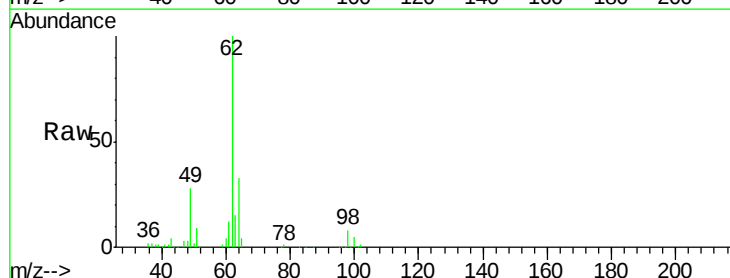
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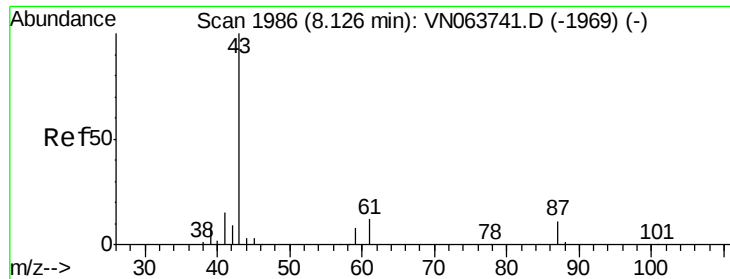
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#42
1,2-Dichloroethane
Concen: 48.073 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.0





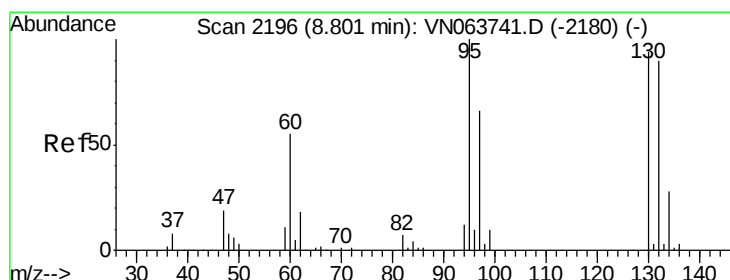
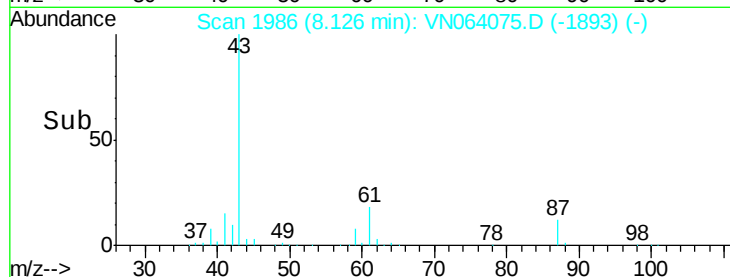
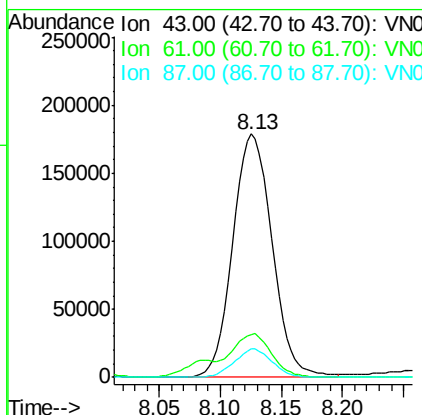
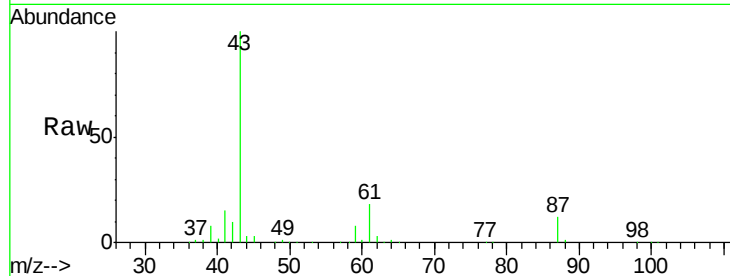
#43
Isopropyl Acetate
Concen: 58.205 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.2	21.4
87	11.3	9.0	13.6

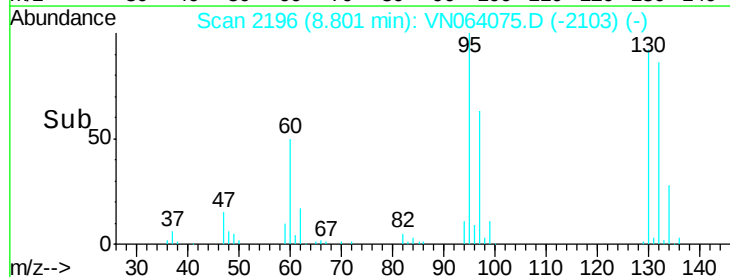
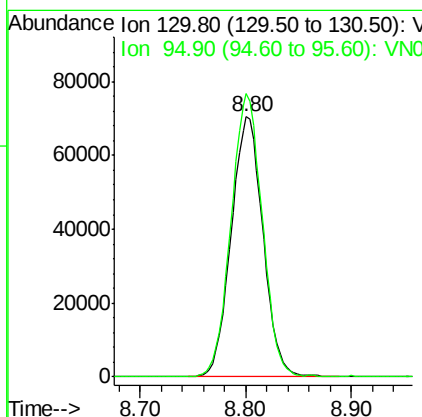
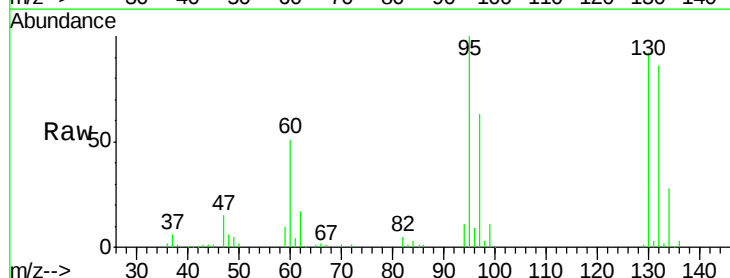
Manual Integrations
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#44
Trichloroethene
Concen: 47.201 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.9	0.0	213.6





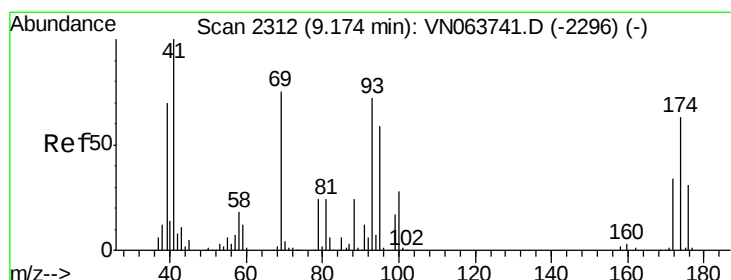
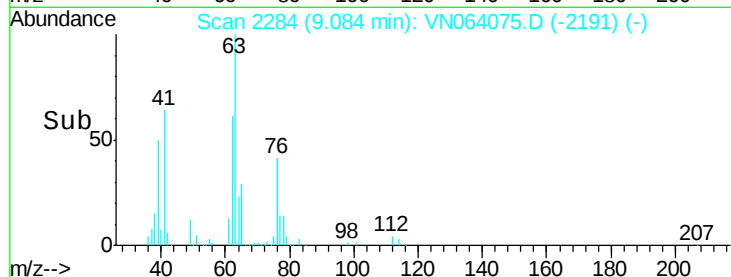
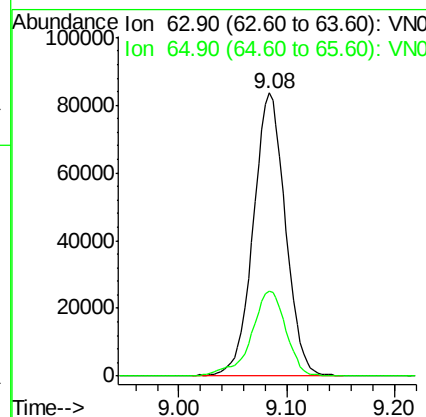
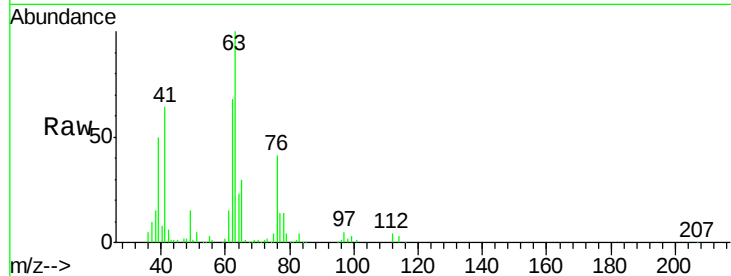
#45
 1,2-Dichloropropane
 Concen: 53.631 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 172549
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1

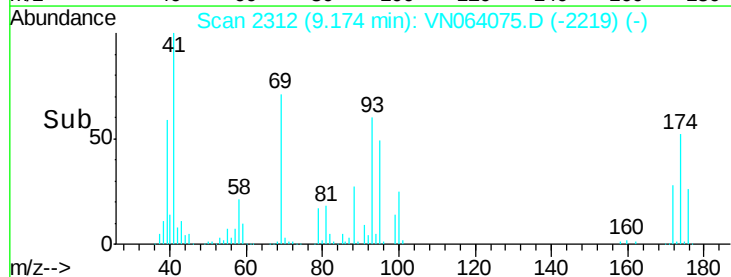
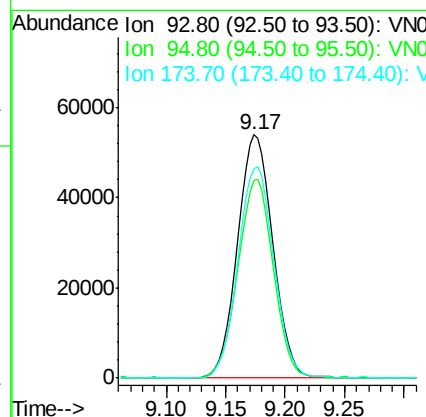
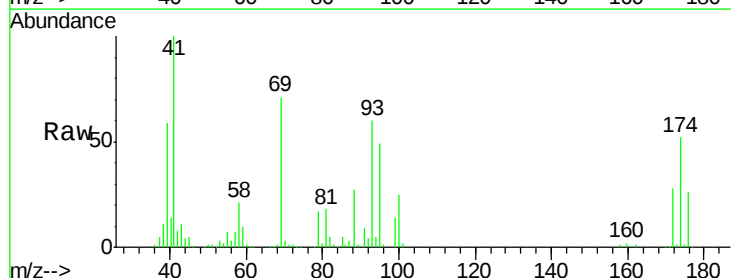
Manual Integrations
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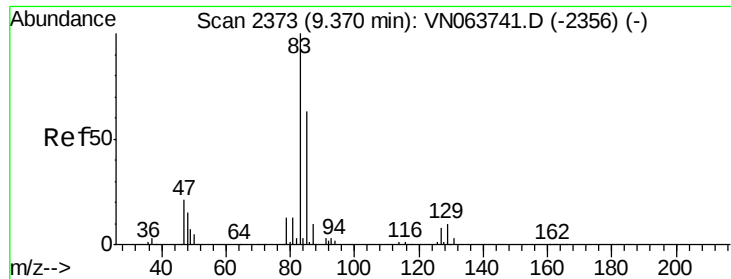
MMDadoda
 10/12/2020 2:10:25 PM



#46
 Dibromomethane
 Concen: 50.131 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion: 93 Resp: 111265
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.3 99.5
 174 88.3 72.7 109.1





#47

Bromodichloromethane

Concen: 50.625 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

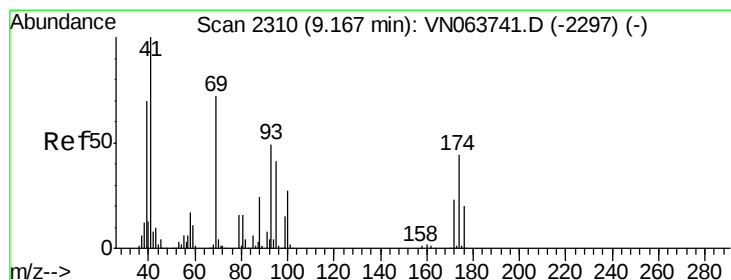
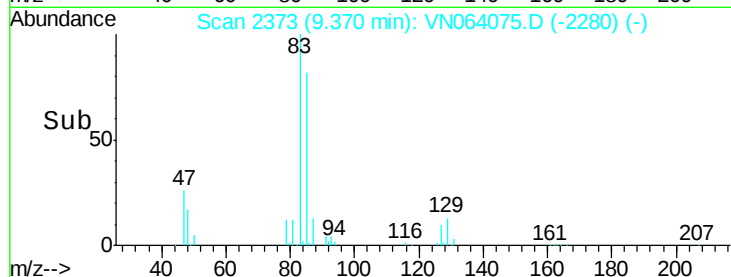
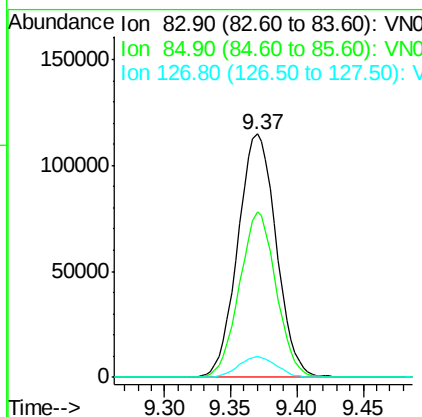
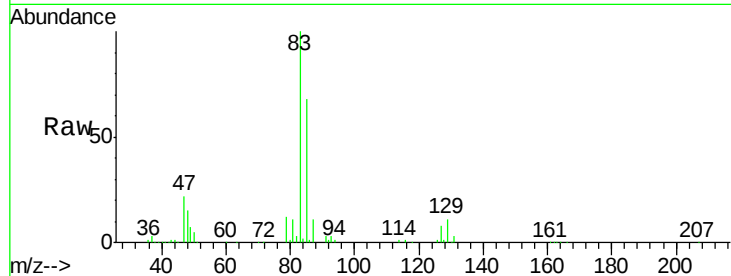
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	231571
Ion Ratio	Lower	Upper	
83	100		
85	67.9	50.6	75.8
127	8.5	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 59.537 ug/l

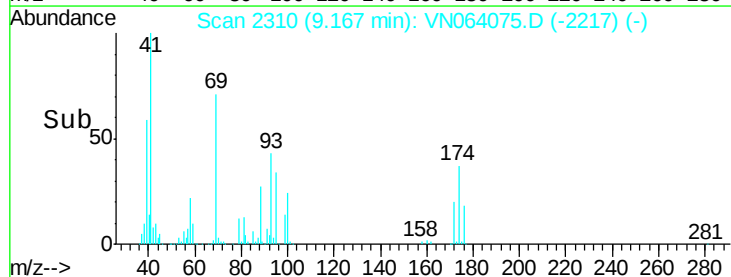
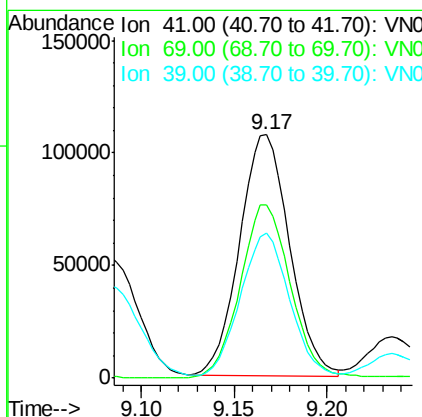
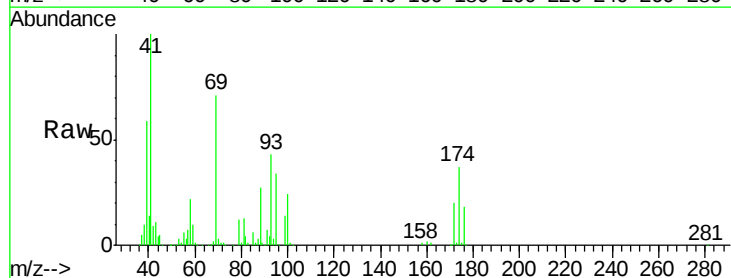
RT: 9.17 min Scan# 2310

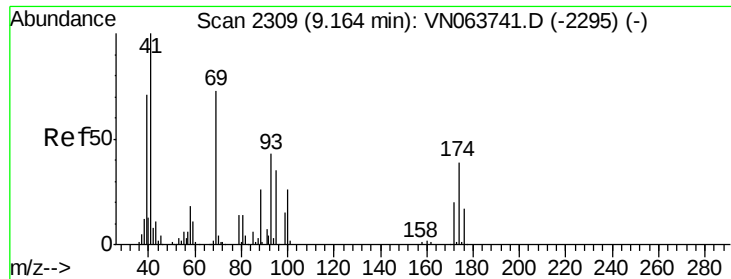
Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Tgt Ion:	41	Resp:	201053
Ion Ratio	Lower	Upper	
41	100		
69	73.4	60.9	91.3
39	59.7	57.5	86.3





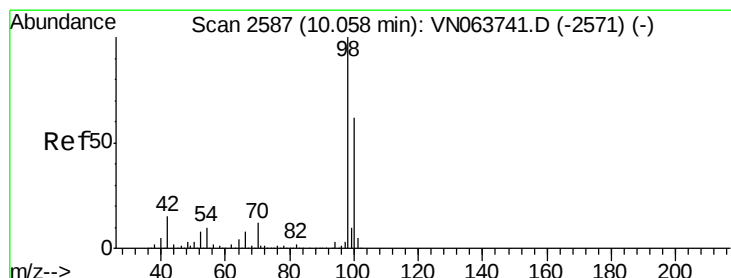
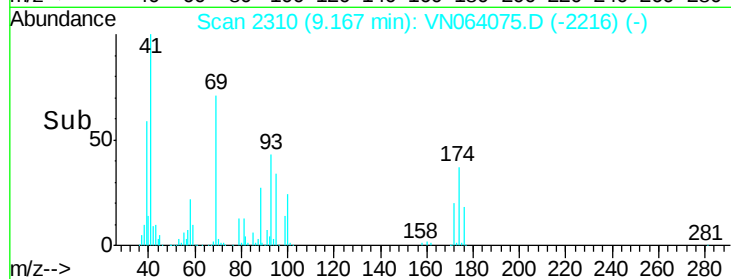
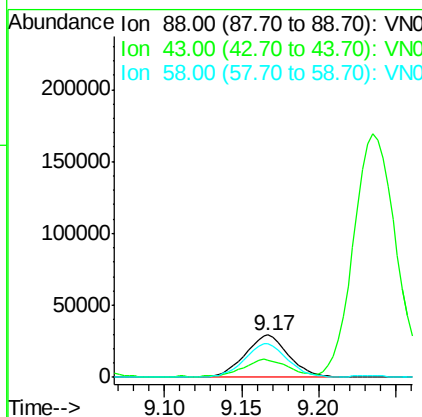
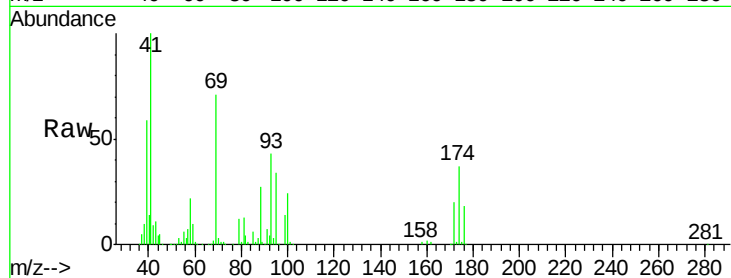
#49
1,4-Dioxane
Concen: 1204.113 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.7	33.1	49.7
58	78.6	58.9	88.3

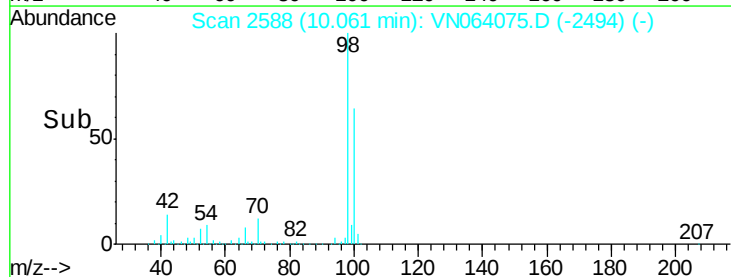
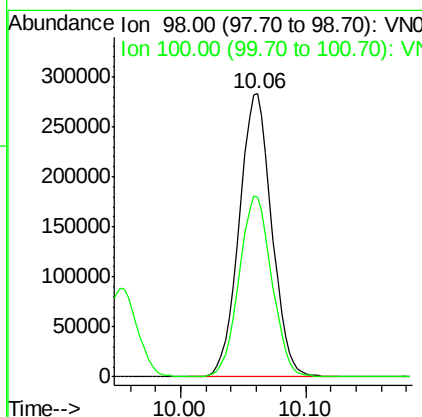
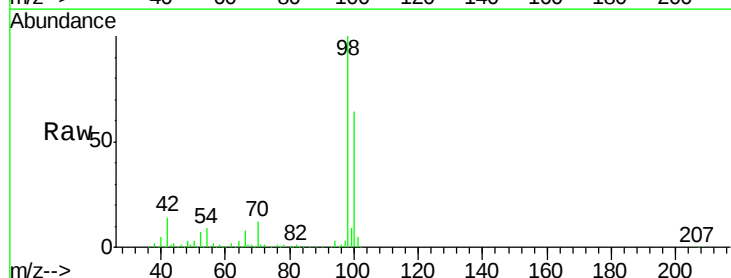
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#50
Toluene-d8
Concen: 47.150 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	49.8	74.6





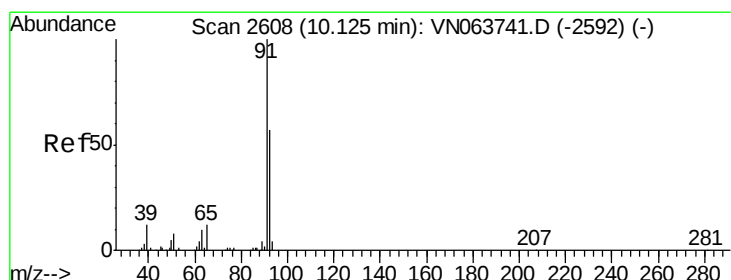
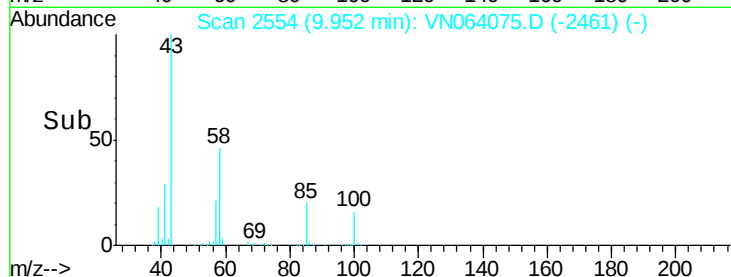
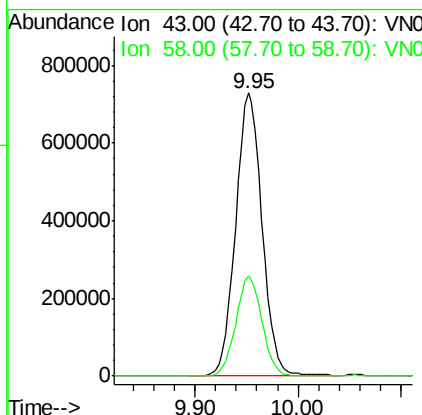
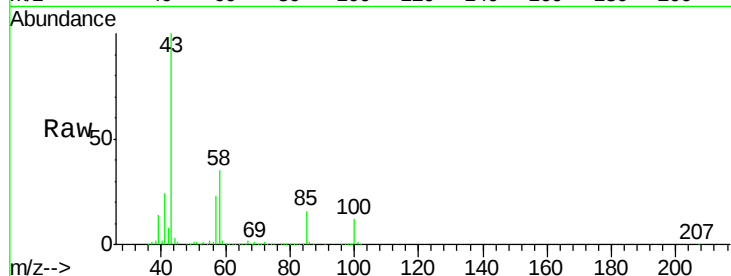
#51
4-Methyl-2-Pentanone
Concen: 322.946 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1295373
Ion Ratio Lower Upper
43 100
58 35.3 28.4 42.6

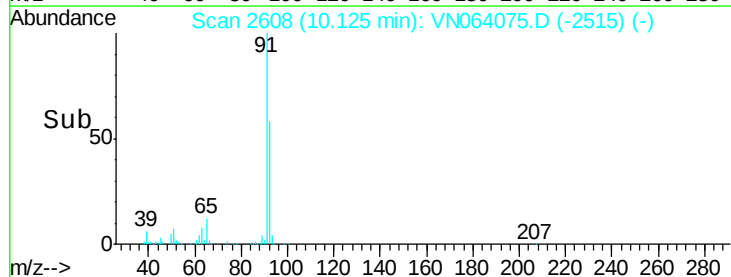
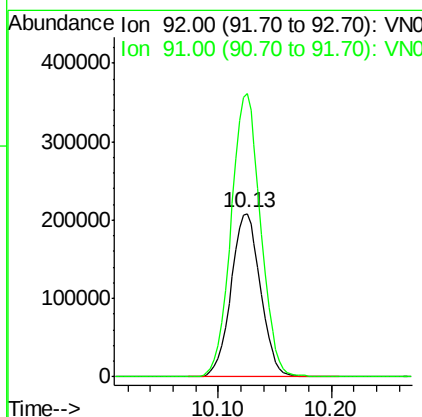
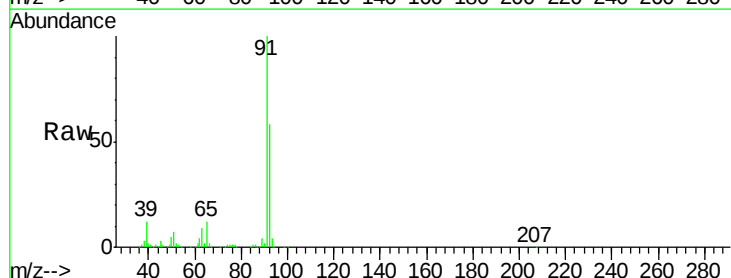
Manual Integrations
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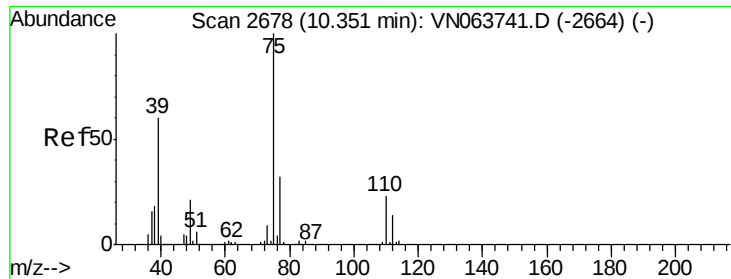
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#52
Toluene
Concen: 51.236 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 92 Resp: 377544
Ion Ratio Lower Upper
92 100
91 173.8 140.6 210.8





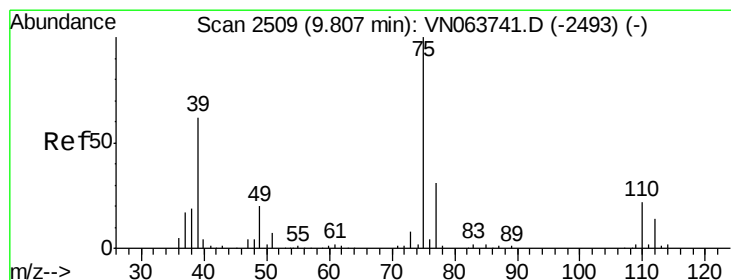
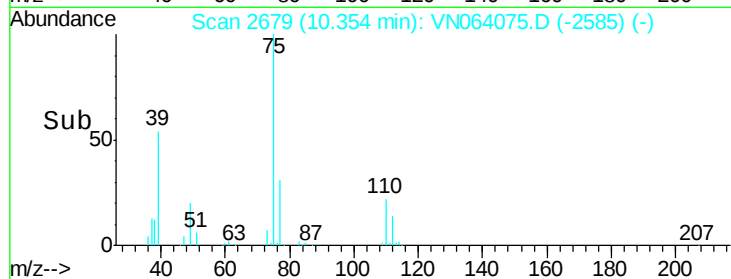
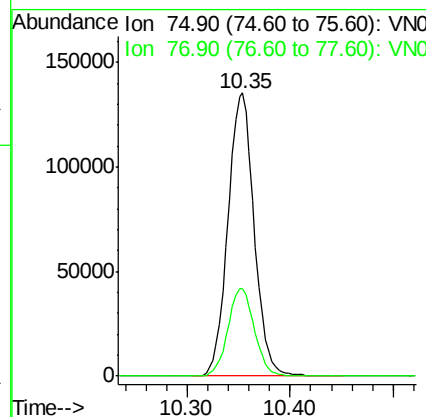
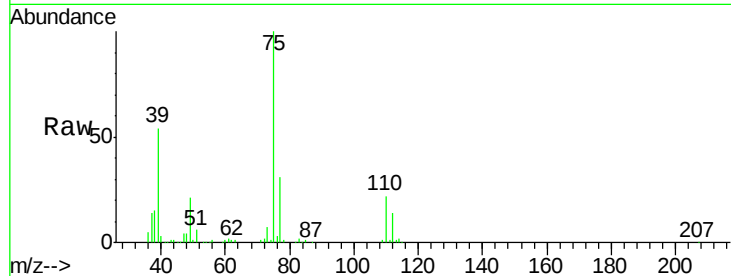
#53
t-1,3-Dichloropropene
Concen: 48.815 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9

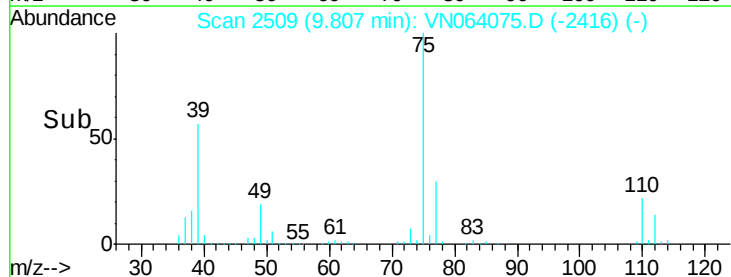
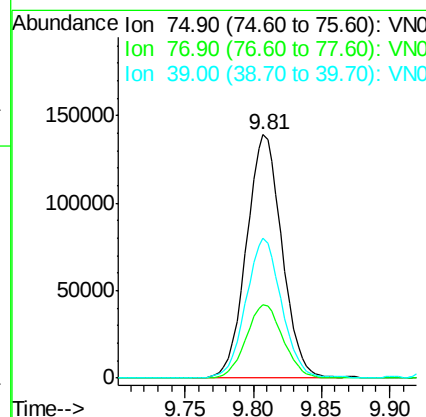
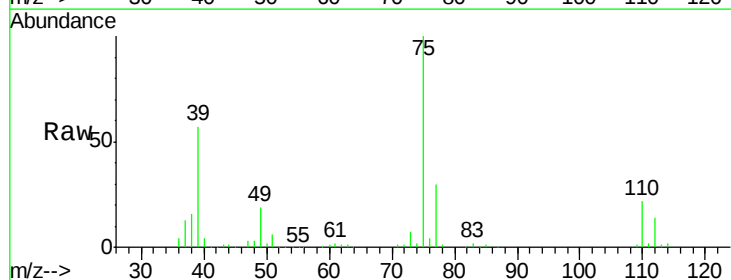
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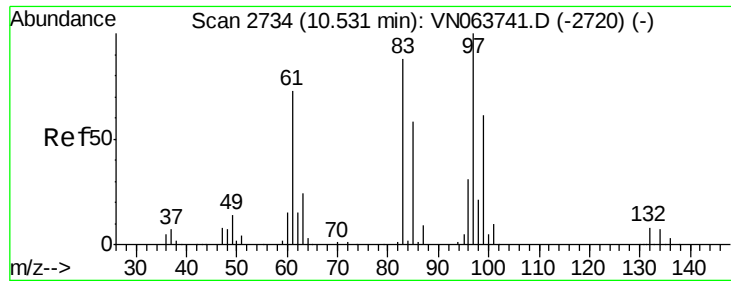
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#54
cis-1,3-Dichloropropene
Concen: 48.959 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.6	36.8
39	57.0	49.7	74.5





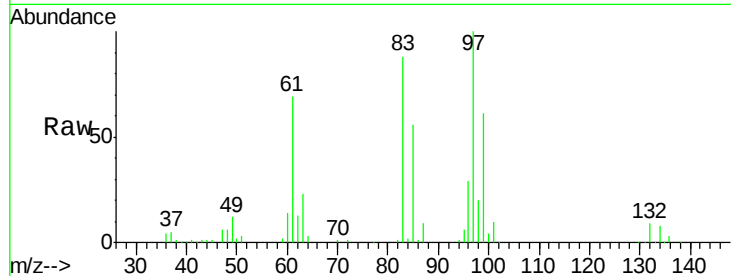
#55
 1,1,2-Trichloroethane
 Concen: 53.278 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

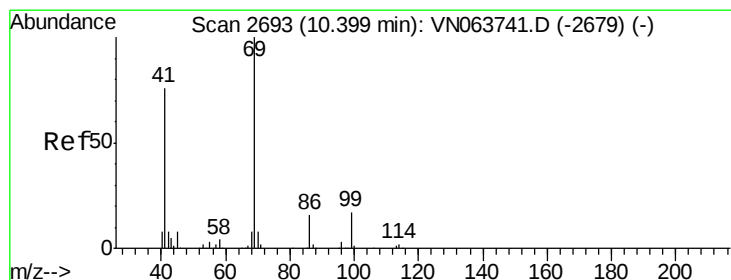
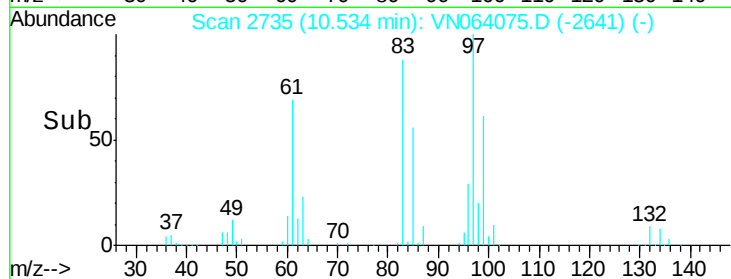
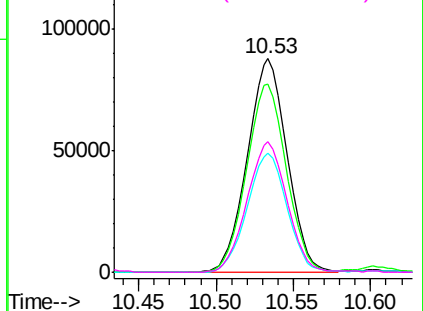
Tot Ion:	97	Resp:	157439
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.7	106.1
85	55.6	46.1	69.1
99	61.3	48.8	73.2

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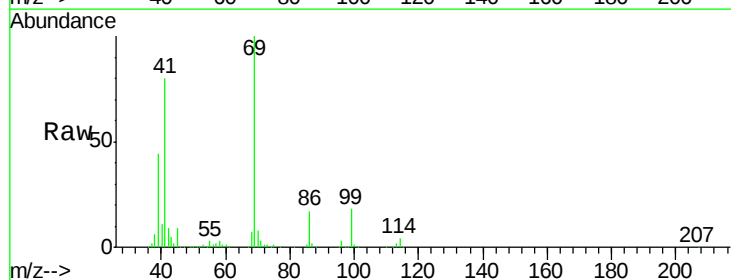


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

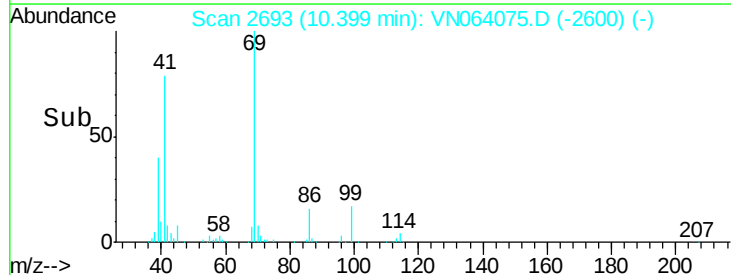
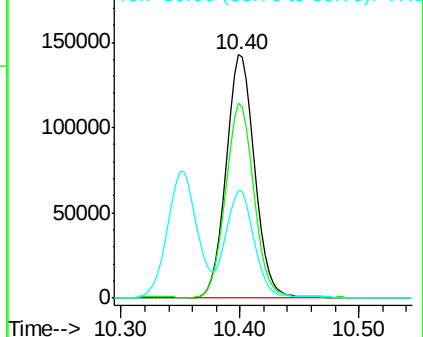


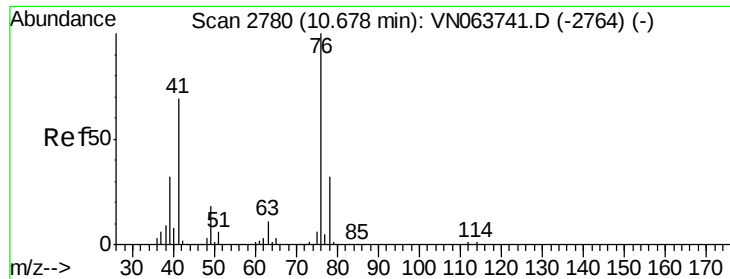
#56
 Ethyl methacrylate
 Concen: 56.862 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion:	69	Resp:	238178
Ion	Ratio	Lower	Upper
69	100		
41	78.7	61.1	91.7
39	43.9	42.2	63.4



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.609 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 268018

Ion Ratio Lower Upper

76 100

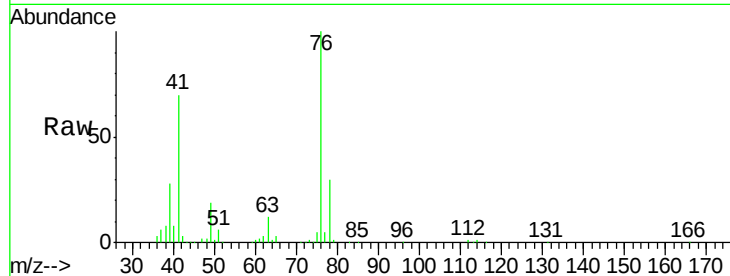
78 31.7 25.2 37.8

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

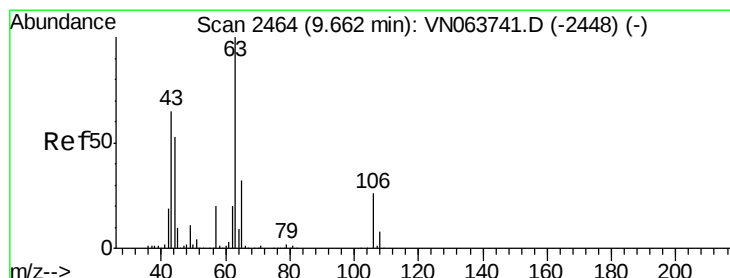
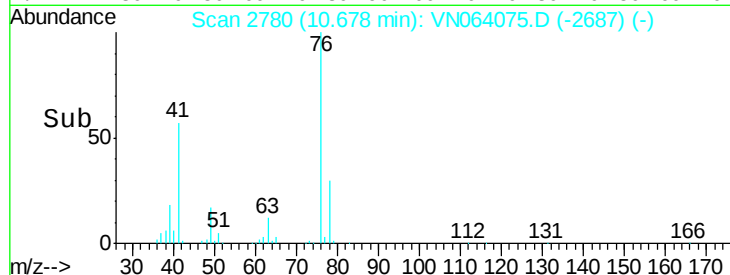
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 286.237 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064075.D

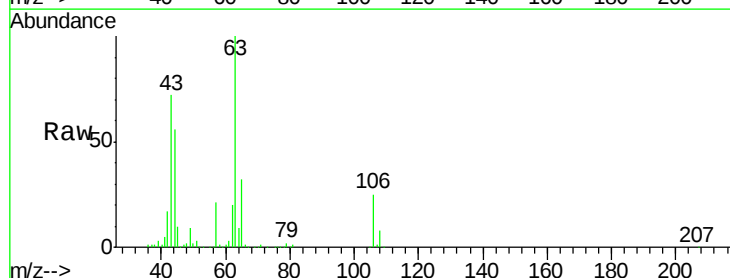
Acq: 10 Oct 2020 7:37

Tgt Ion: 63 Resp: 641337

Ion Ratio Lower Upper

63 100

106 25.1 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

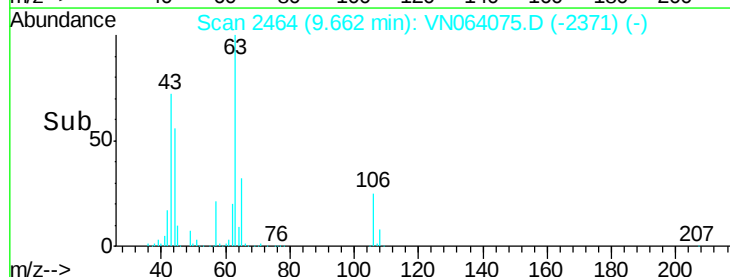
300000

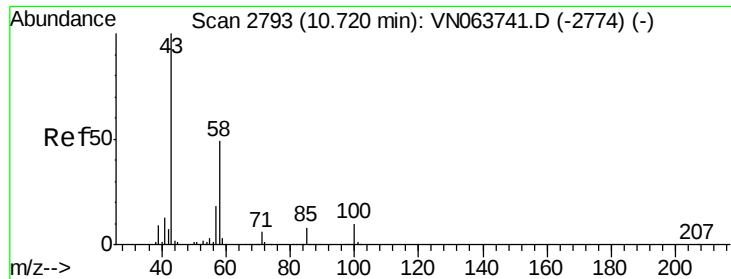
200000

100000

0

Time-->





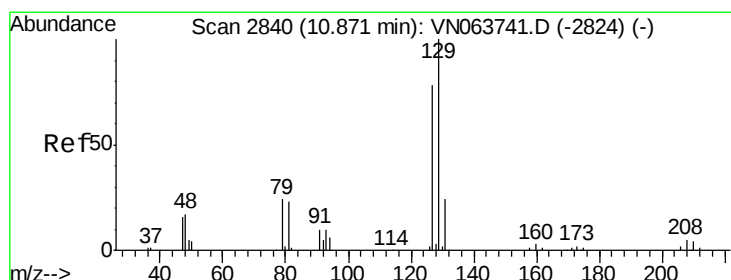
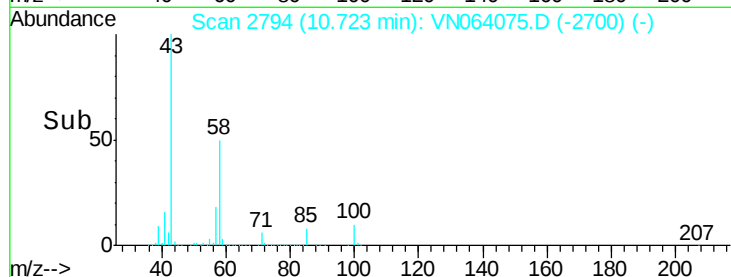
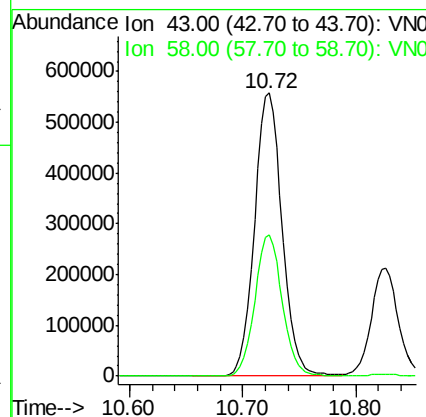
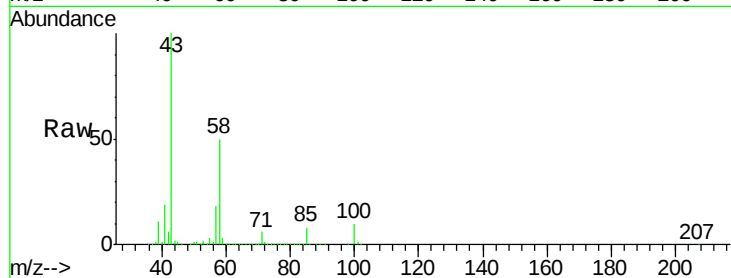
#59
2-Hexanone
Concen: 317.000 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 944568
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.8

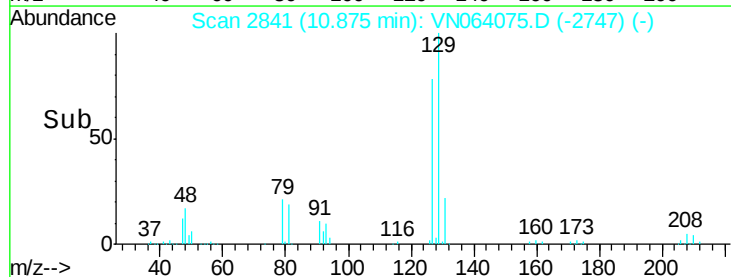
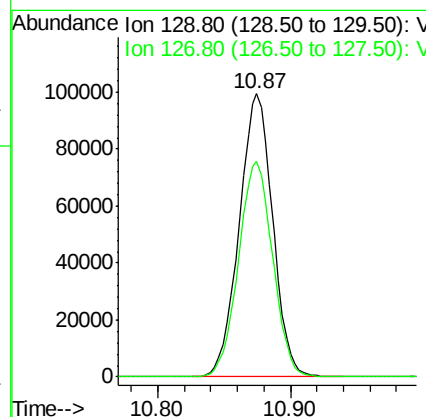
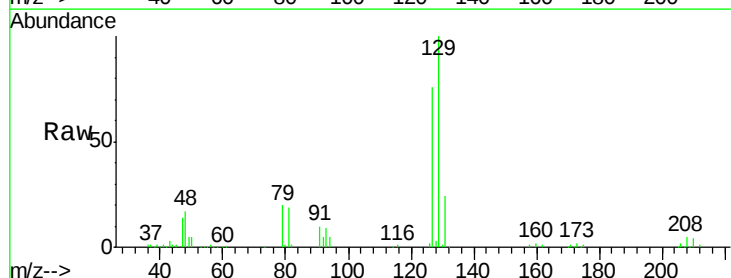
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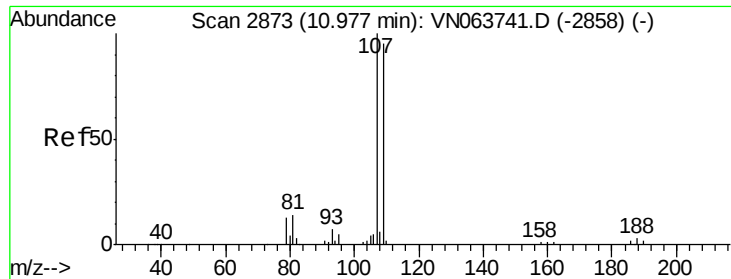
MMDadoda
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#60
Dibromochloromethane
Concen: 50.728 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 129 Resp: 174577
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





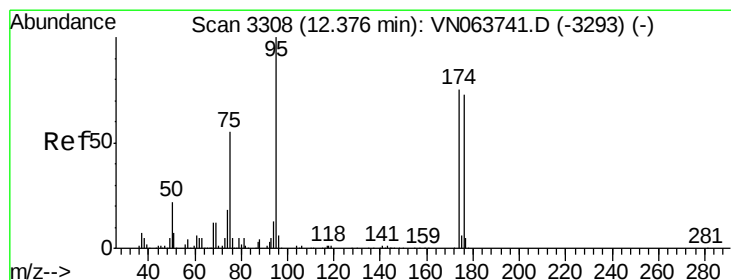
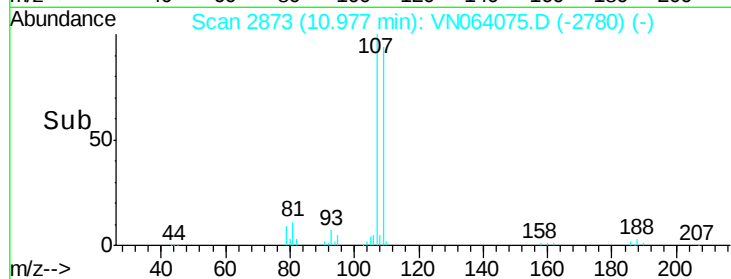
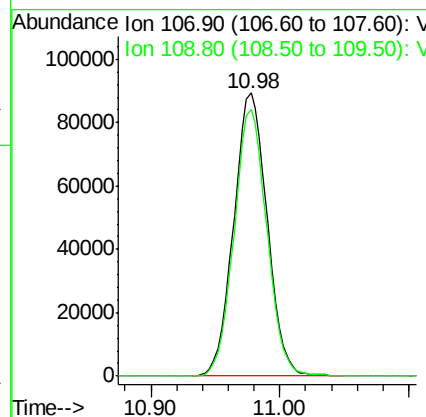
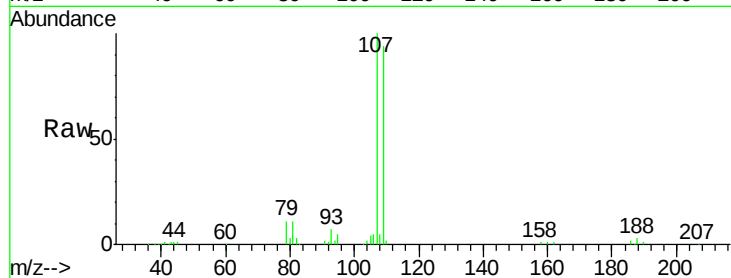
#61
 1,2-Dibromoethane
 Concen: 53.200 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	160815		
109	92.6	74.8	112.2	

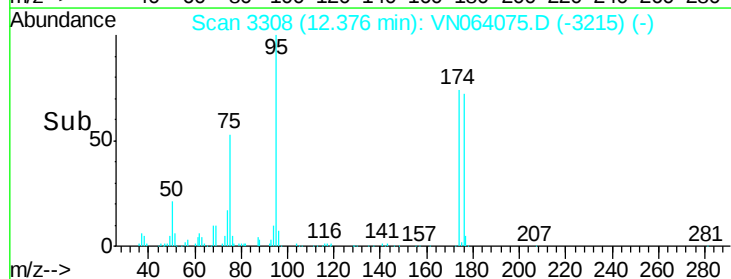
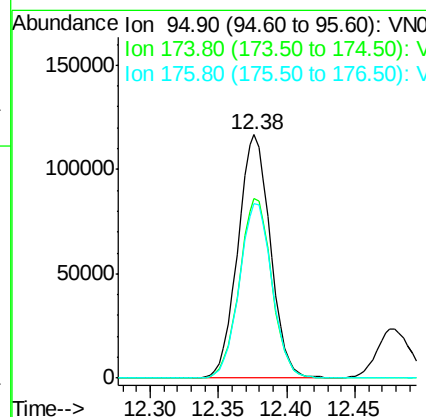
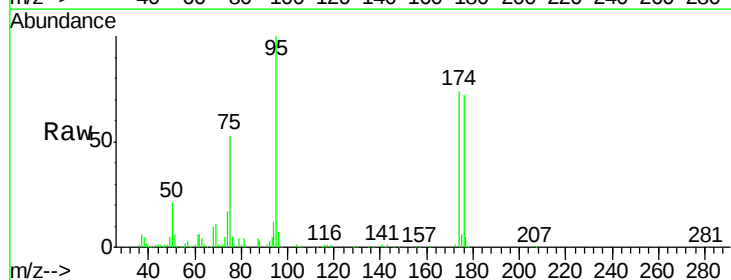
Manual Integrations
 APPROVED

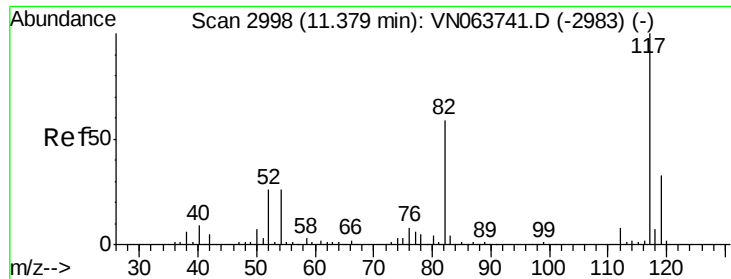
MMDadoda
 10/12/2020 2:10:25 PM



#62
 4-Bromofluorobenzene
 Concen: 47.294 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	192525		
174	73.6	0.0	150.6	
176	72.2	0.0	145.4	





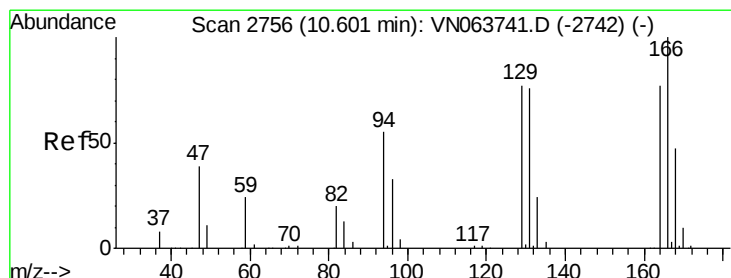
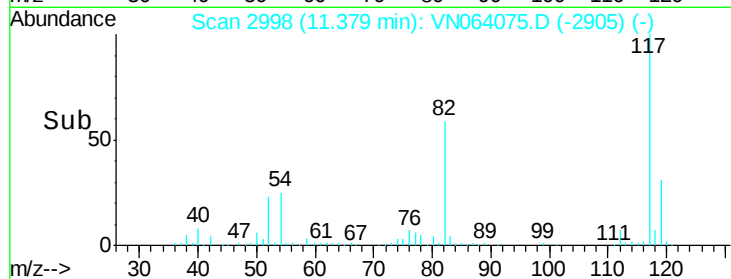
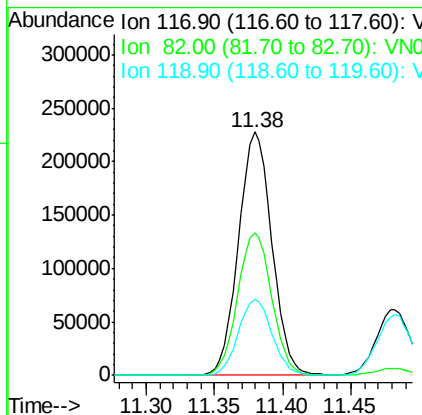
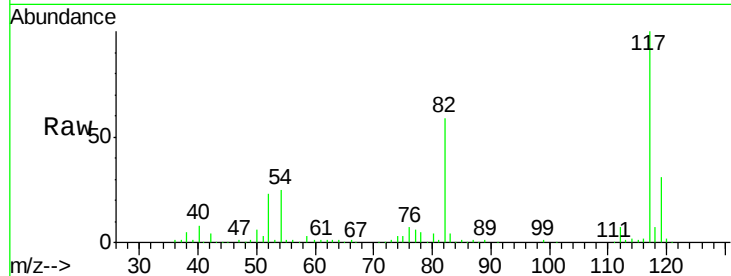
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.4	71.2
119	31.2	26.4	39.6

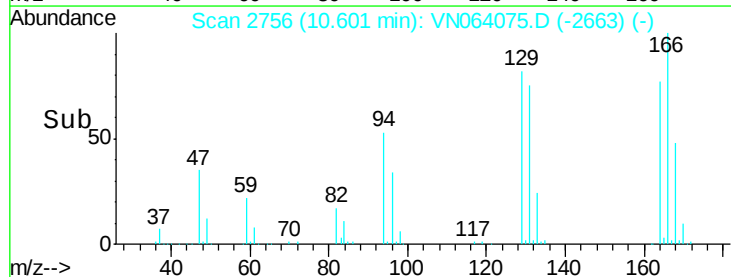
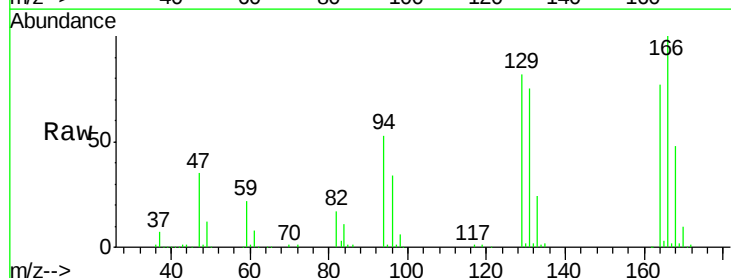
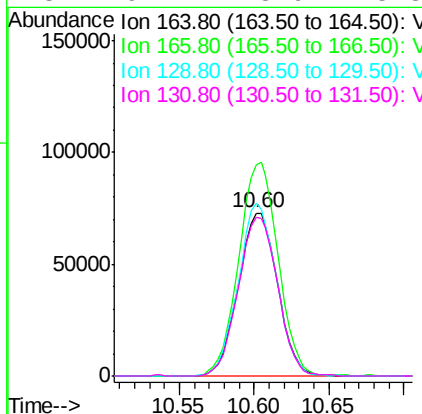
Manual Integrations
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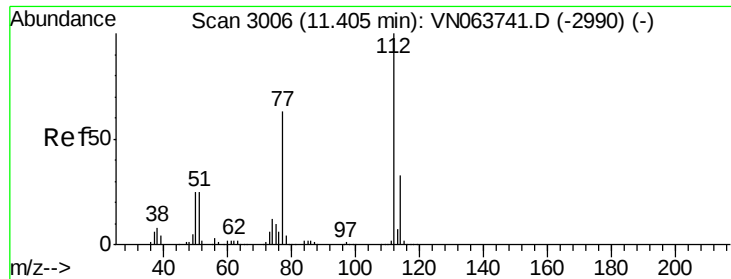
MMDadoda
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#64
Tetrachloroethene
Concen: 44.328 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	103.9	155.9
129	106.0	80.3	120.5
131	97.1	78.9	118.3





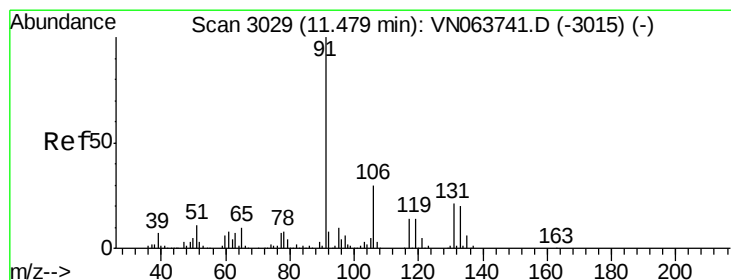
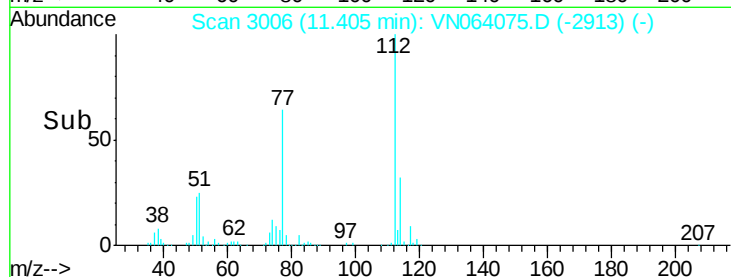
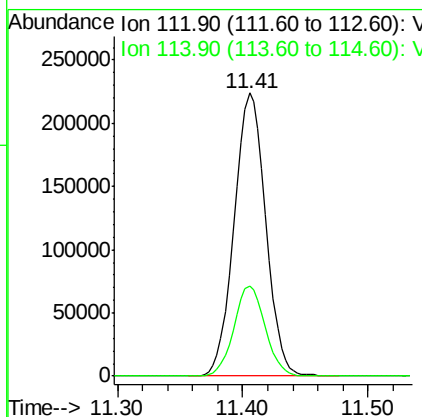
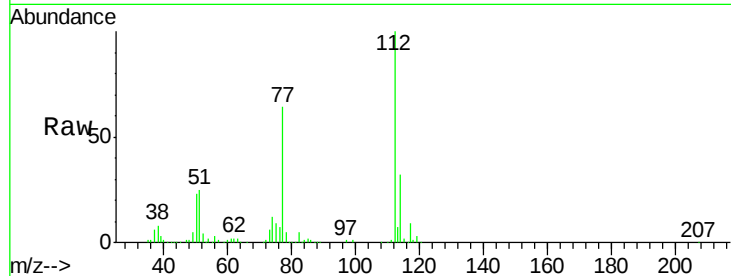
#65
Chlorobenzene
Concen: 49.148 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.1	39.1

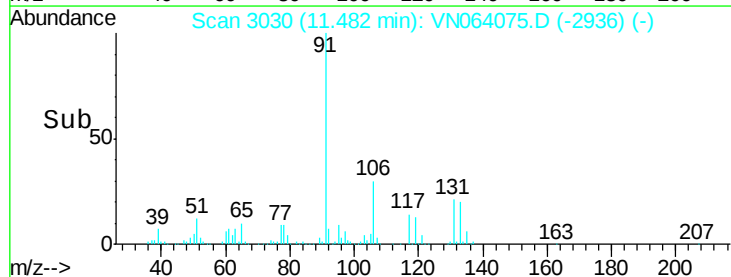
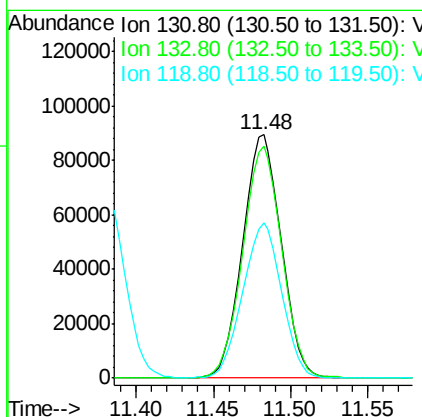
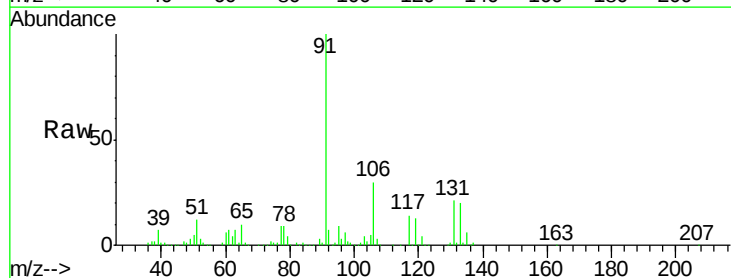
Manual Integrations
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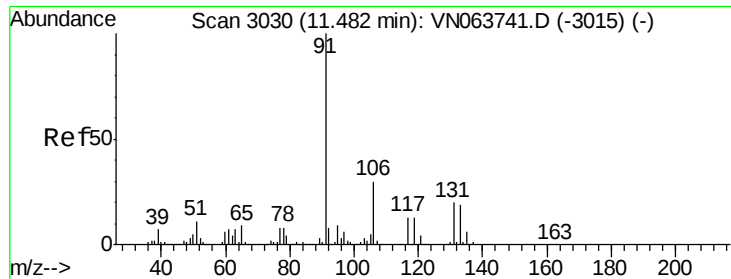
MMDadoda
10/12/2020 2:10:25 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.984 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.3	141.8
119	63.8	32.6	97.7





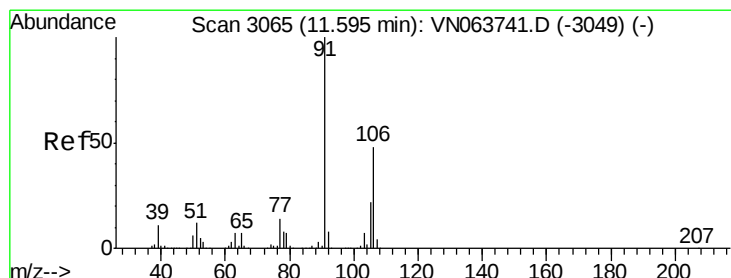
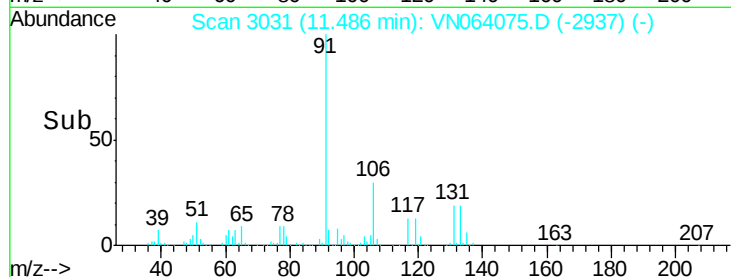
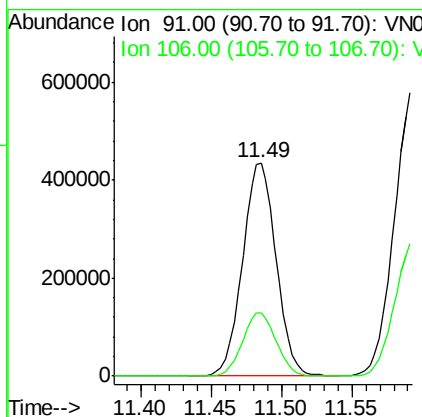
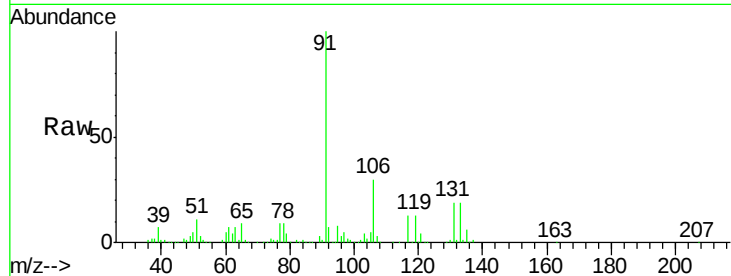
#67
Ethyl Benzene
Concen: 49.986 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 724698
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

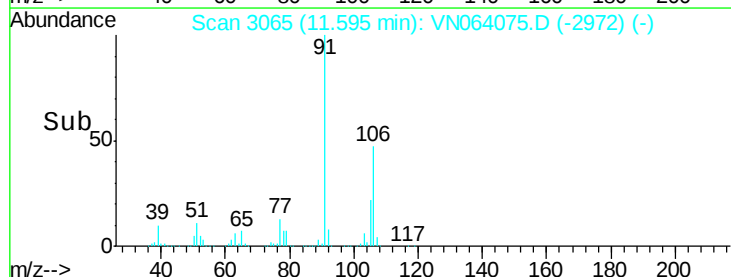
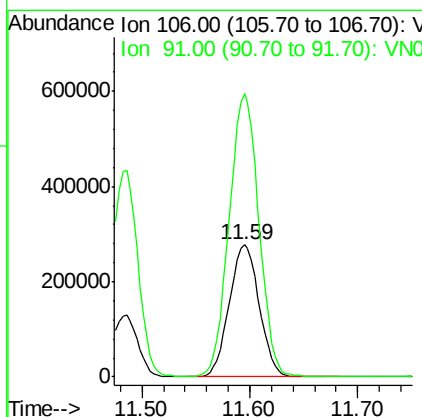
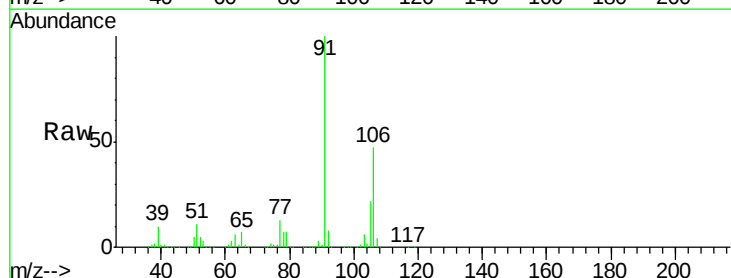
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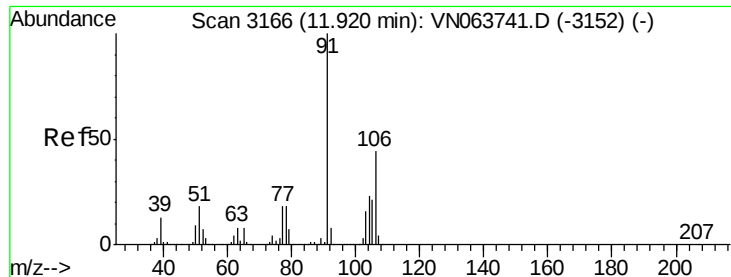
MMDadoda
10/12/2020 2:10:25 PM



#68
m/p-Xylenes
Concen: 99.283 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 106 Resp: 536458
Ion Ratio Lower Upper
106 100
91 213.2 168.0 252.0





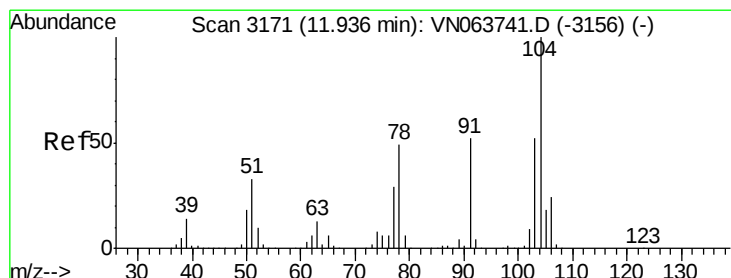
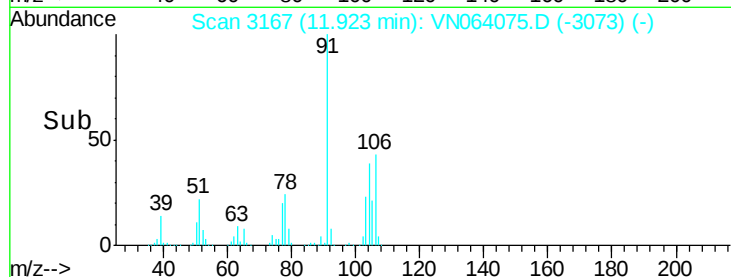
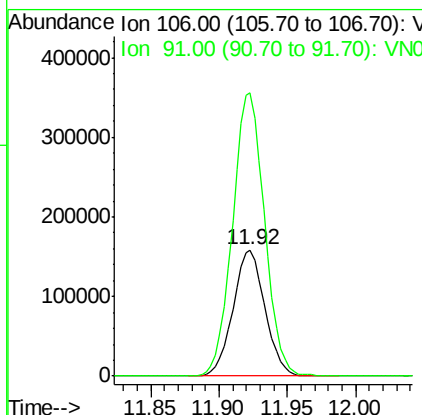
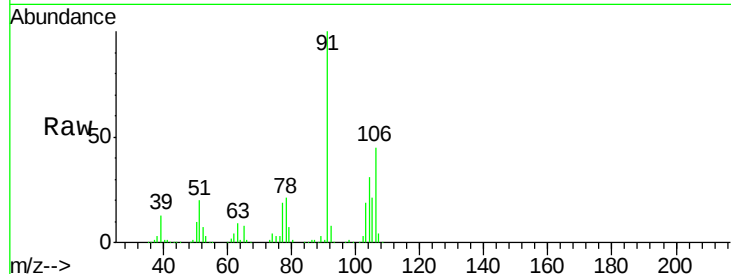
#69
o-Xylene
Concen: 50.962 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 257373
Ion Ratio Lower Upper
106 100
91 225.5 112.7 338.0

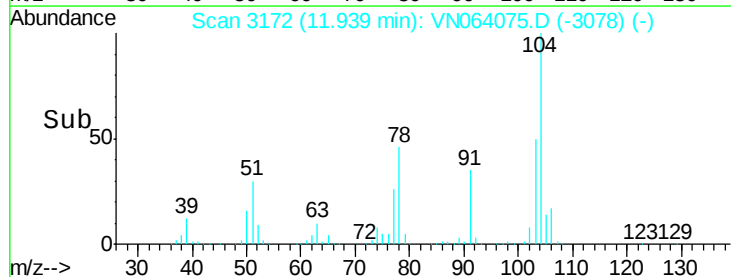
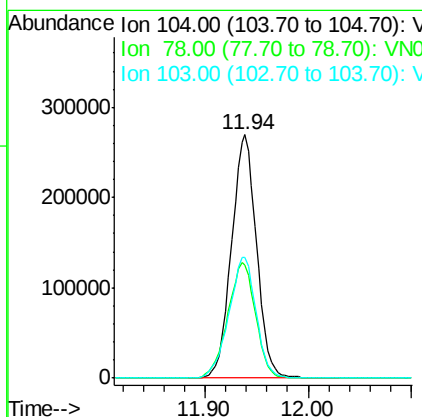
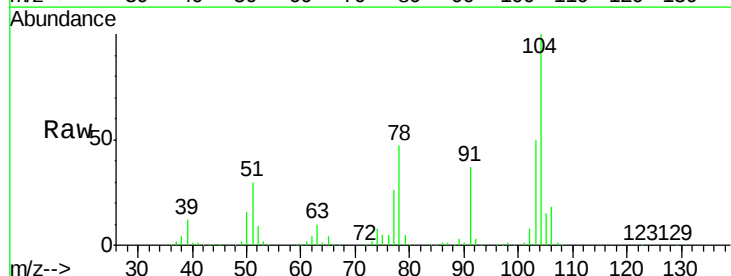
Manual Integrations
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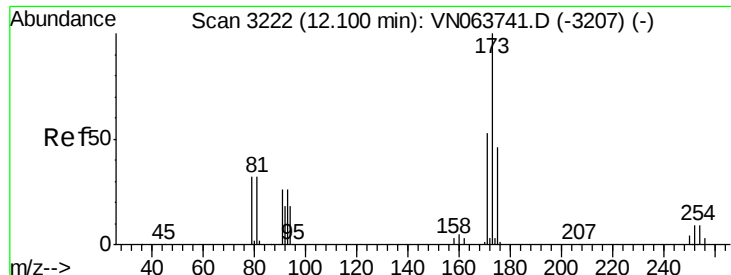
MMDadoda
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#70
Styrene
Concen: 53.225 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion:104 Resp: 456285
Ion Ratio Lower Upper
104 100
78 52.8 44.1 66.1
103 53.9 44.3 66.5





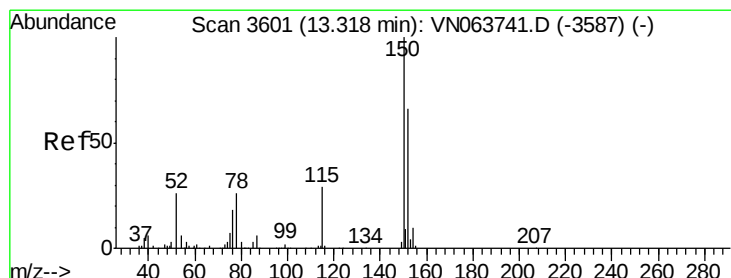
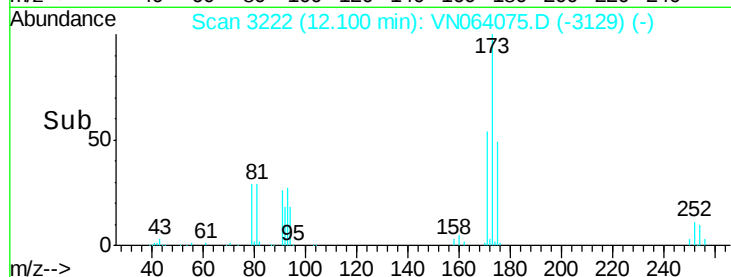
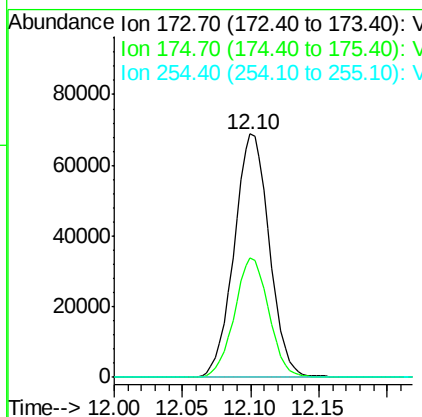
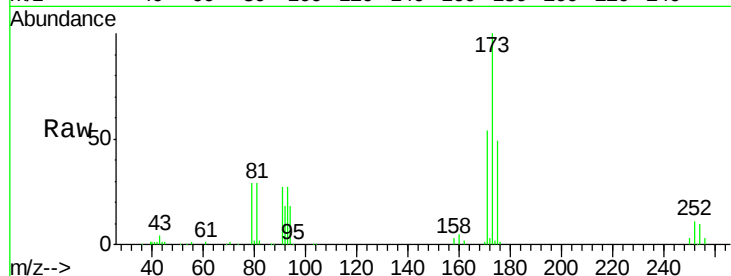
#71
Bromoform
Concen: 52.647 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.5	70.5
254	0.0	0.0	0.0

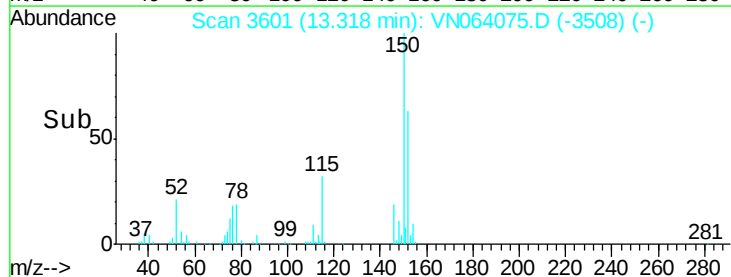
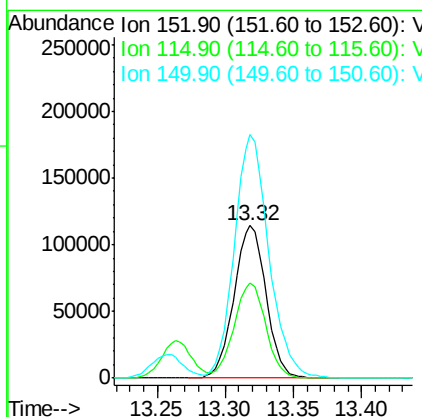
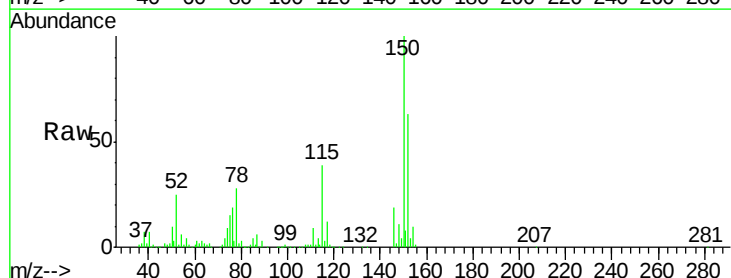
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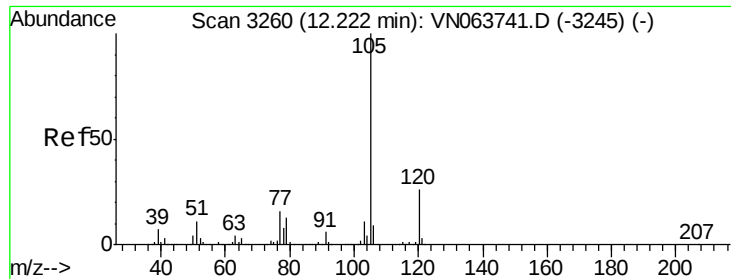
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.3	93.8
150	171.5	0.0	341.8





#73

Isopropylbenzene

Concen: 50.336 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 682785

Ion Ratio Lower Upper

105 100

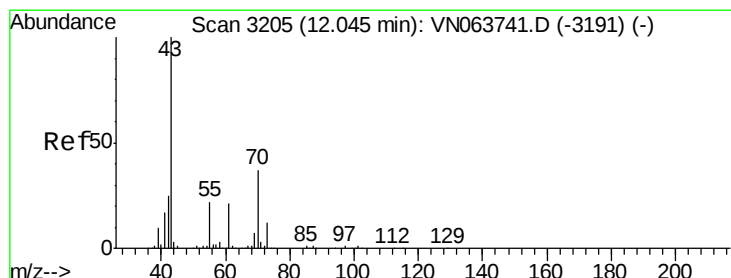
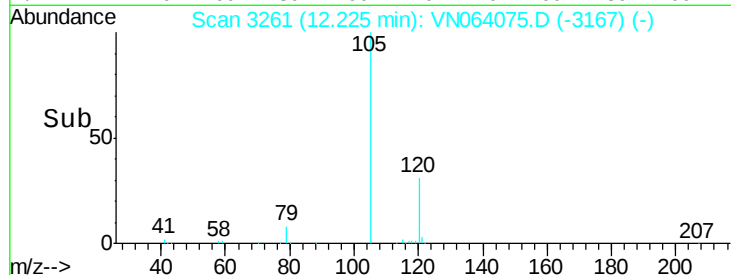
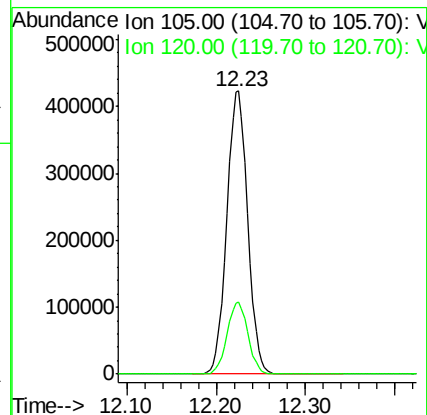
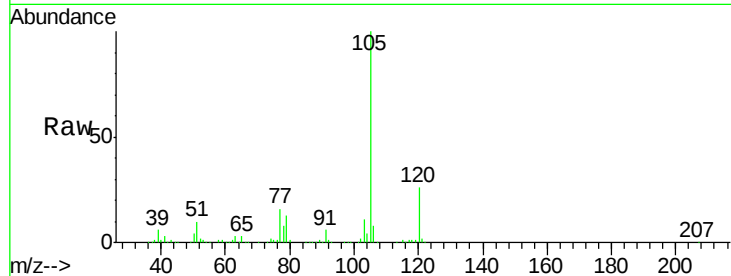
120 25.4 12.6 37.8

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#74

N-ethyl acetate

Concen: 54.968 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Tgt Ion: 43 Resp: 348000

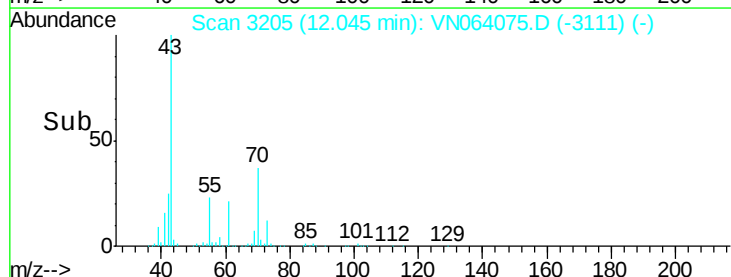
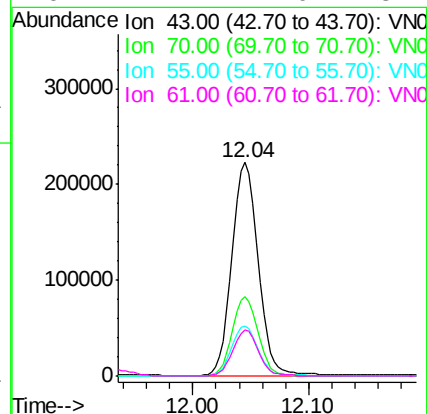
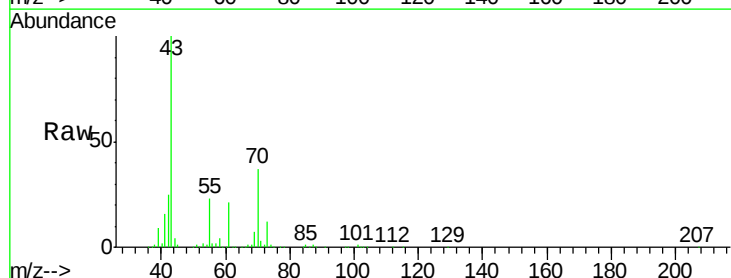
Ion Ratio Lower Upper

43 100

70 36.8 29.8 44.8

55 23.3 17.9 26.9

61 21.2 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.639 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 230785
Ion Ratio Lower Upper

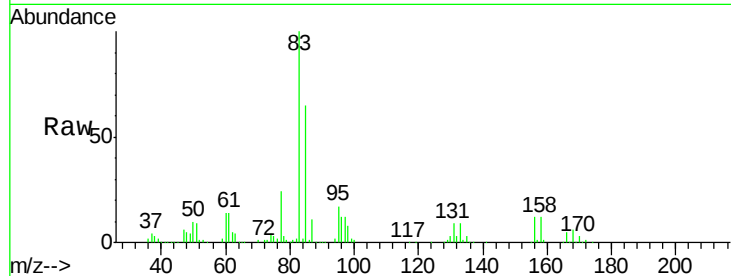
83 100

131 10.0 5.3 15.8

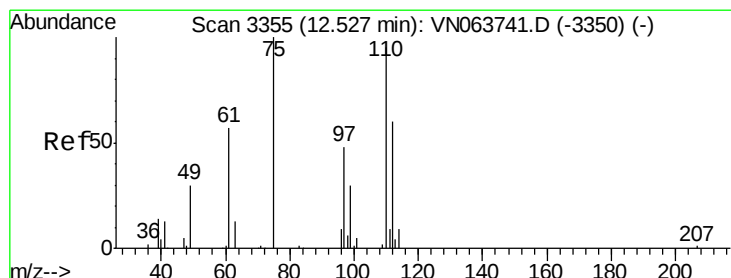
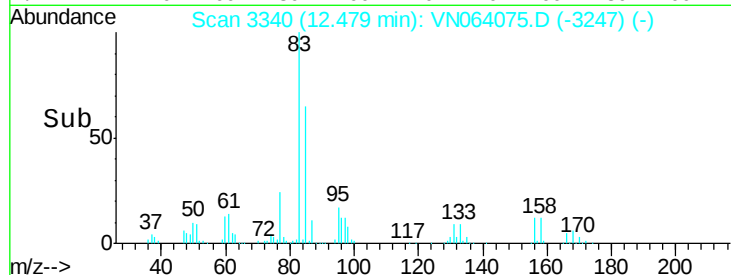
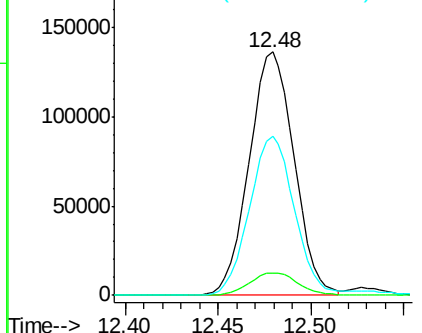
85 65.2 31.3 93.8

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 52.253 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

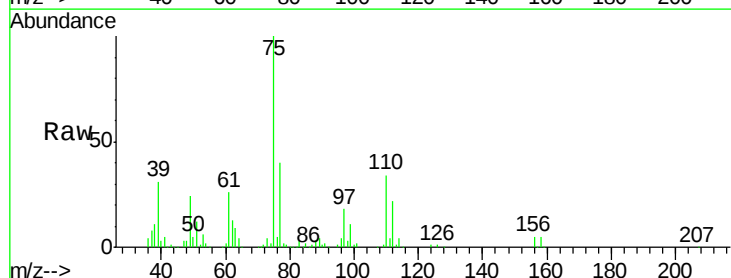
Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

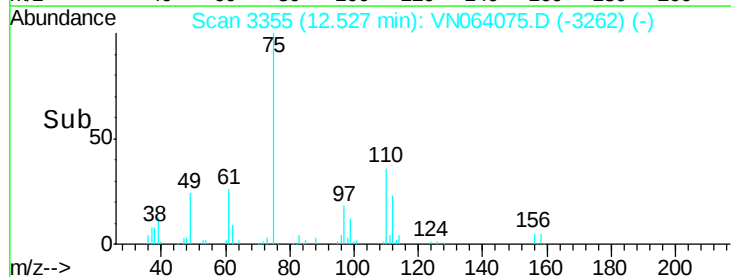
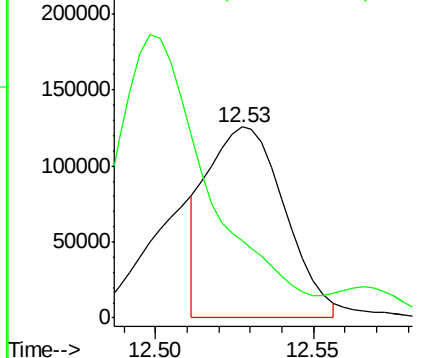
Tgt Ion: 75 Resp: 214211
Ion Ratio Lower Upper

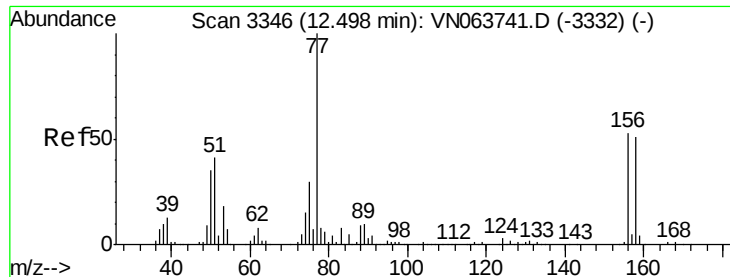
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 51.289 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

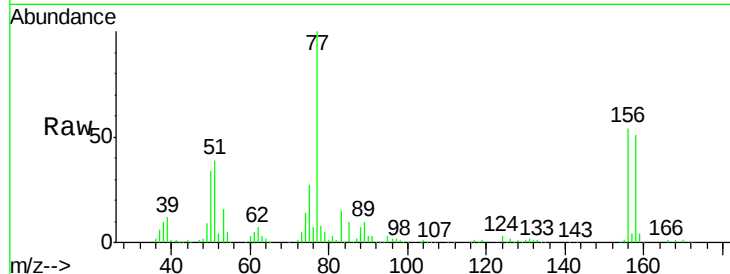
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	170711
Ion Ratio	Lower	Upper	
156	100		
77	225.5	110.9	332.7
158	96.5	47.7	143.1

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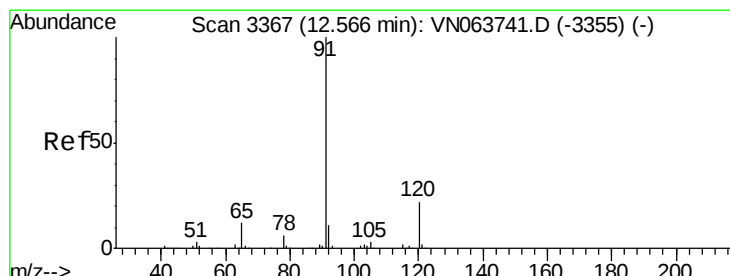
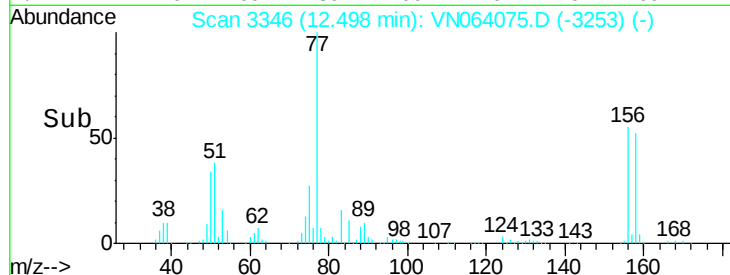
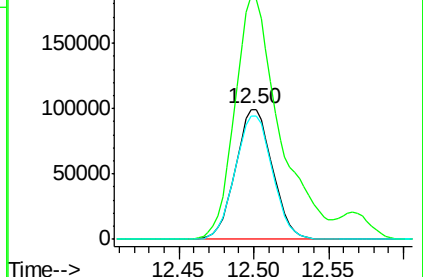
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.945 ug/l

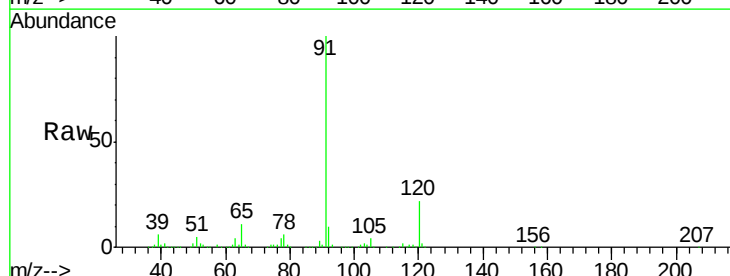
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064075.D

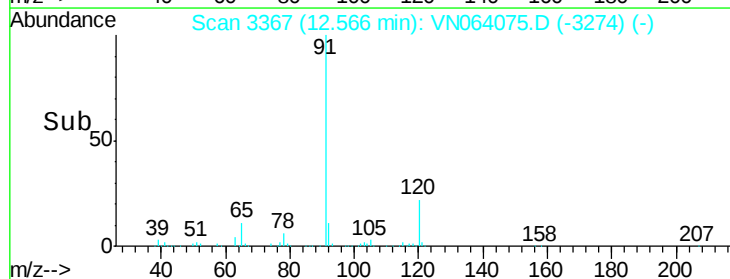
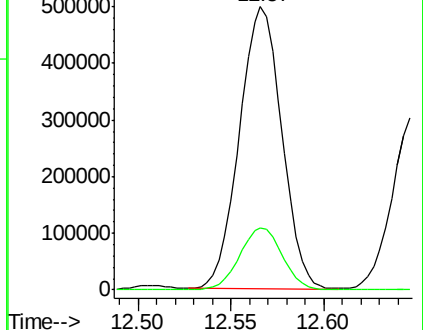
Acq: 10 Oct 2020 7:37

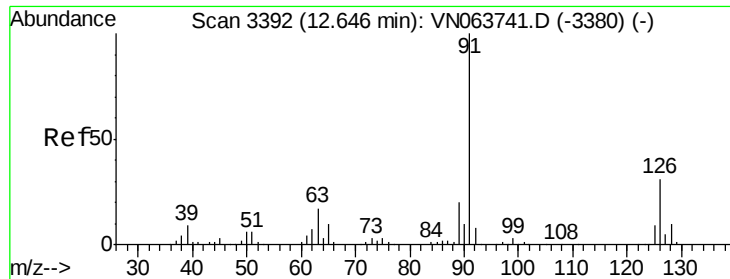
Tgt Ion:	91	Resp:	788450
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





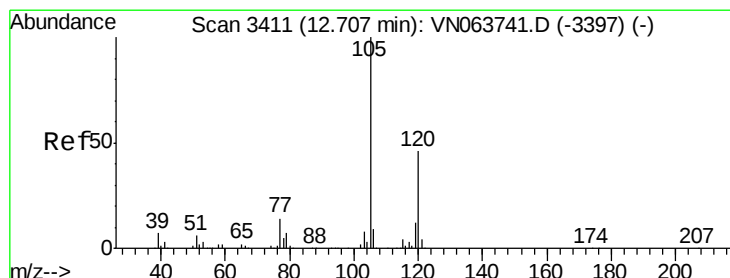
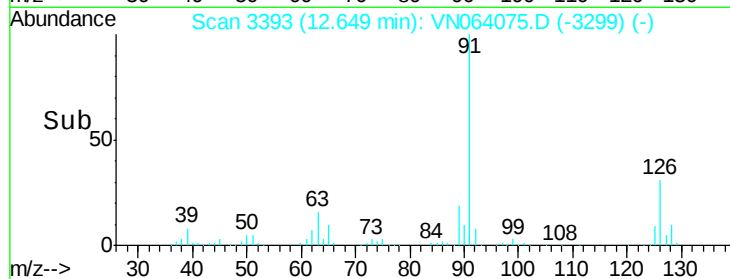
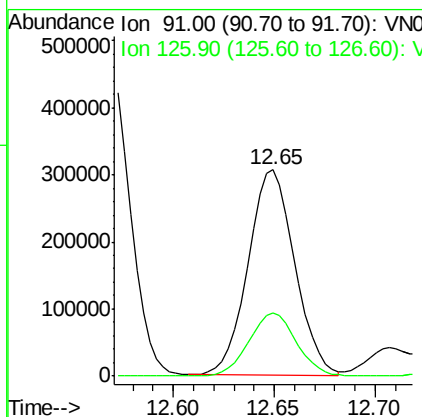
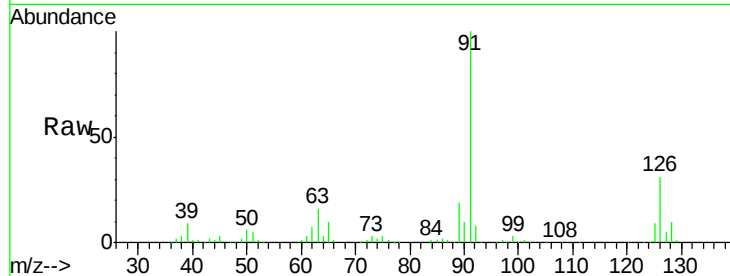
#79
2-Chlorotoluene
Concen: 50.929 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 494471
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.7

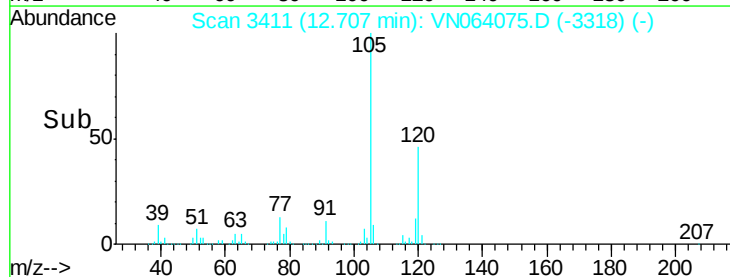
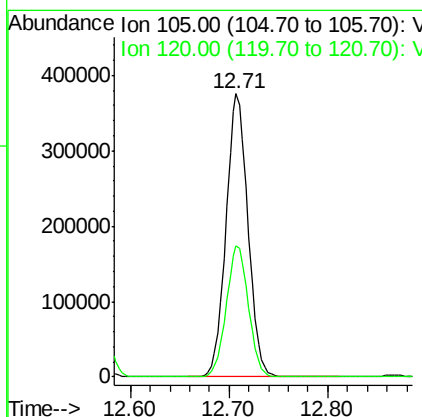
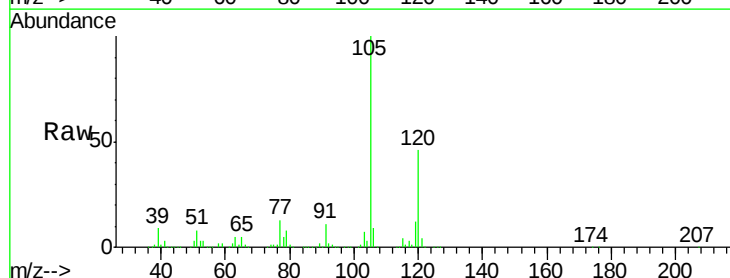
Manual Integrations
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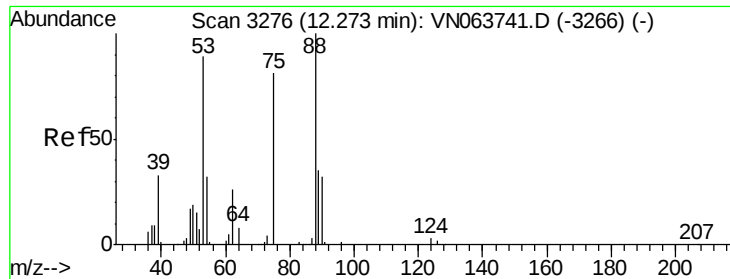
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 51.392 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 105 Resp: 584836
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.342 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

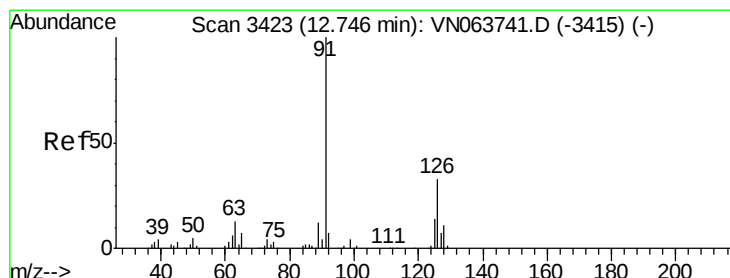
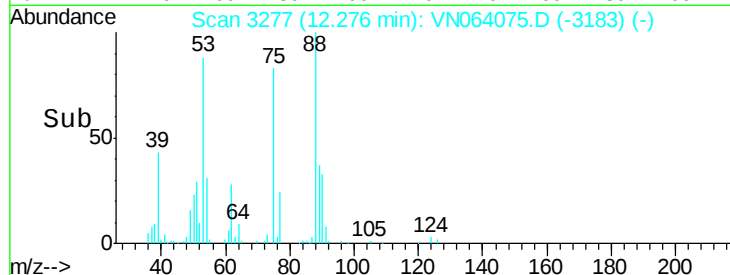
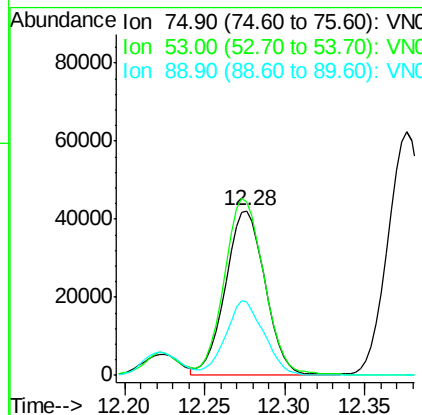
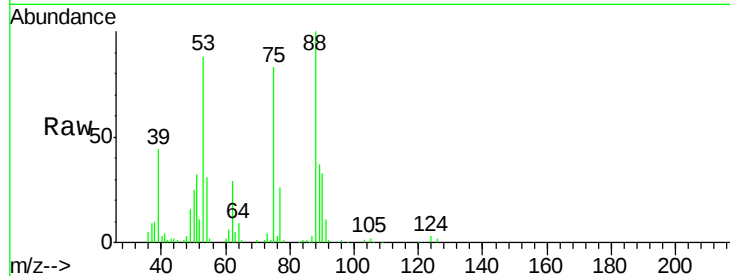
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	71655
Ion	Ratio	Lower	Upper
75	100		
53	108.4	88.2	132.2
89	44.2	36.0	54.0

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#82

4-Chlorotoluene

Concen: 50.537 ug/l

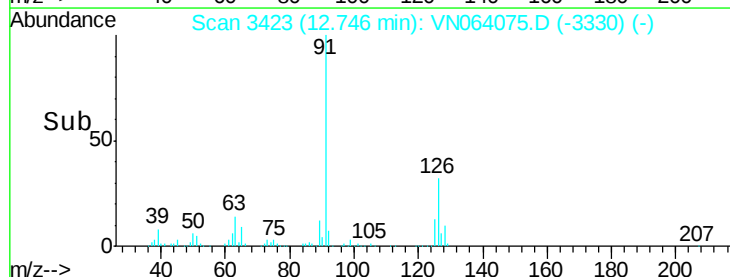
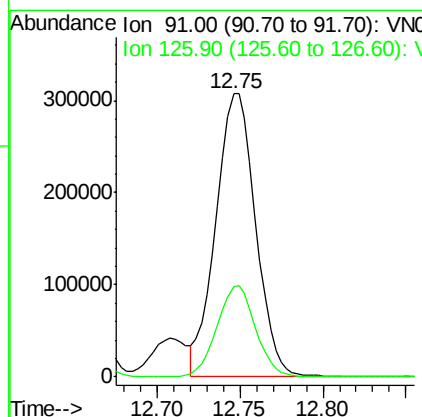
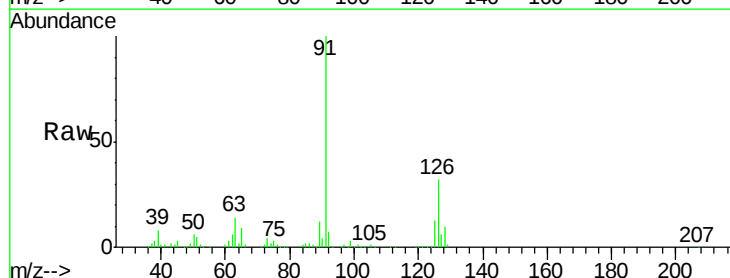
RT: 12.75 min Scan# 3423

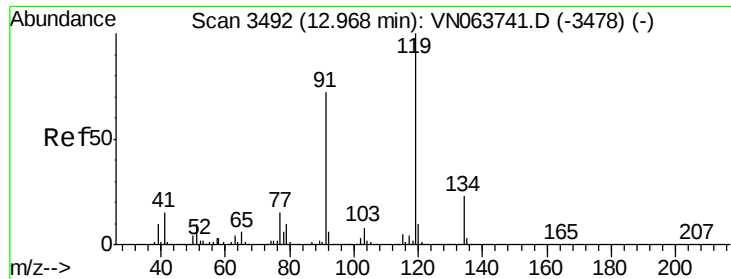
Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Tgt Ion:	91	Resp:	509363
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.2





#83

tert-Butylbenzene

Concen: 49.597 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

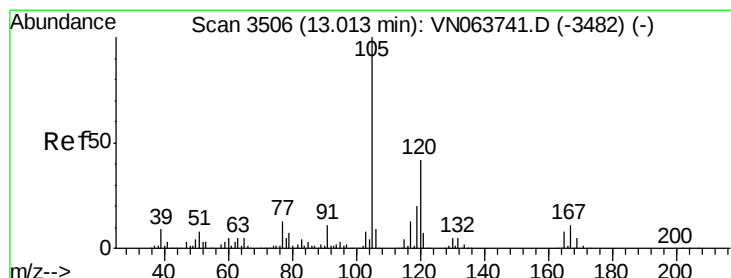
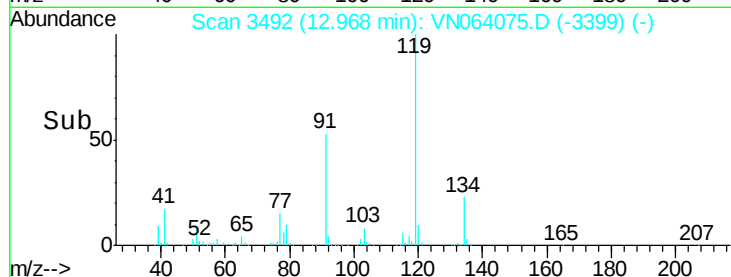
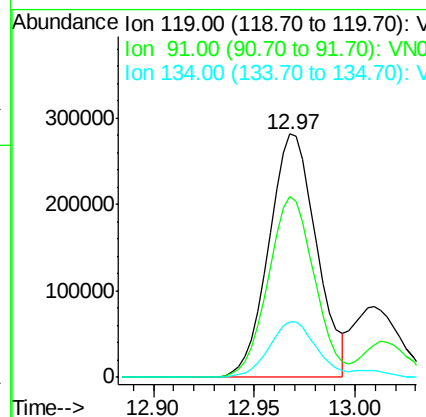
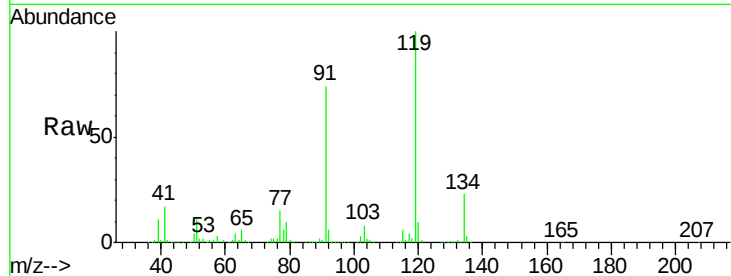
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	461676
Ion Ratio	Lower	Upper	
119	100		
91	72.2	35.5	106.5
134	22.8	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 51.224 ug/l

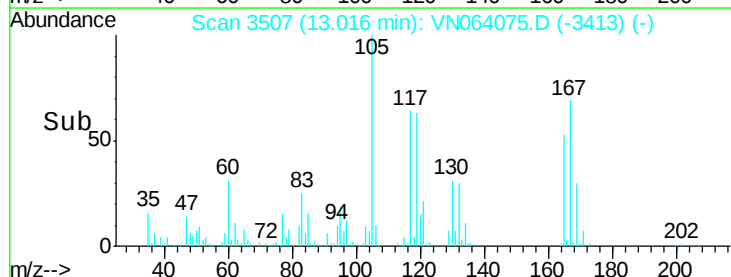
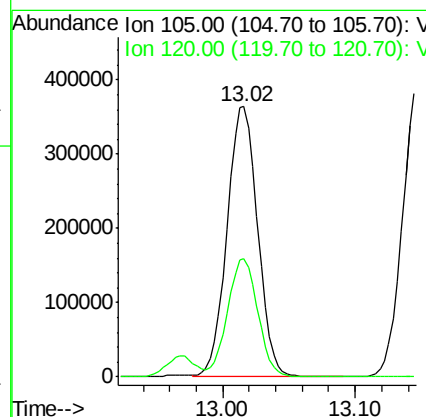
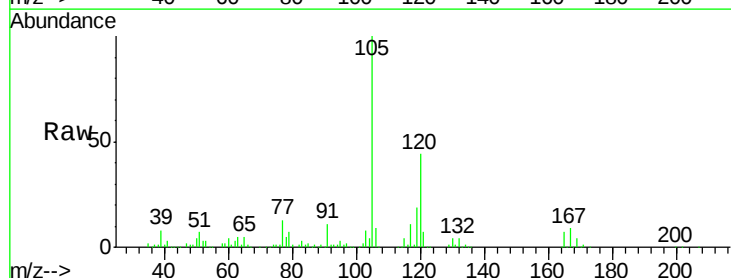
RT: 13.02 min Scan# 3507

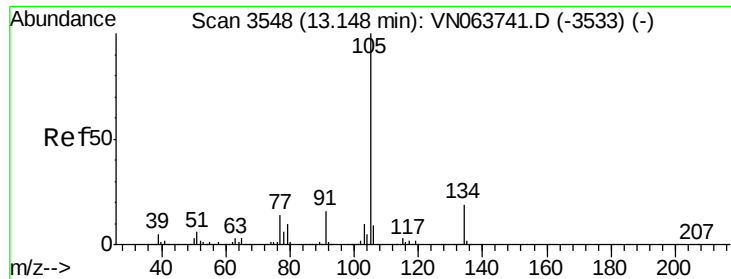
Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Tgt Ion:	105	Resp:	581999
Ion Ratio	Lower	Upper	
105	100		
120	43.2	20.9	62.7





#85

sec-Butylbenzene

Concen: 49.688 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 607498

Ion Ratio Lower Upper

105 100

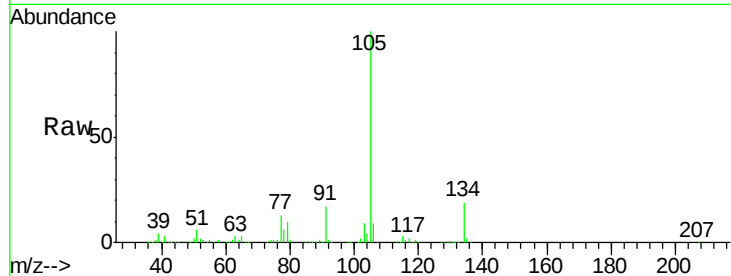
134 18.9 9.5 28.5

Manual Integrations

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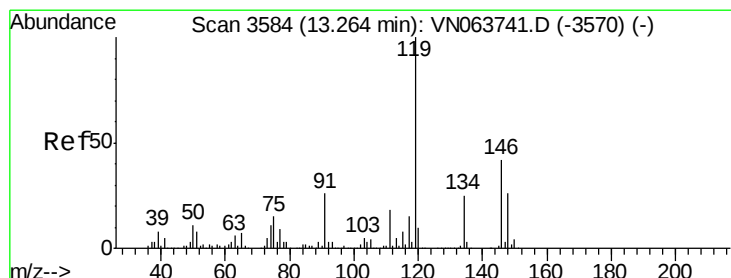
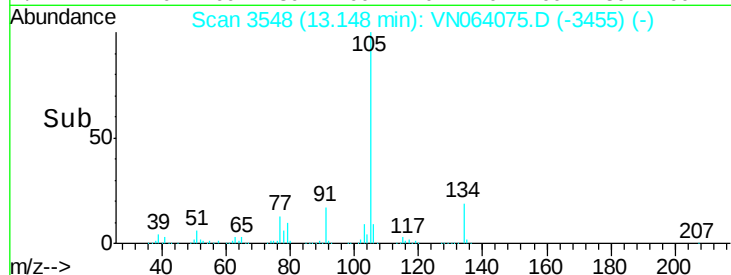
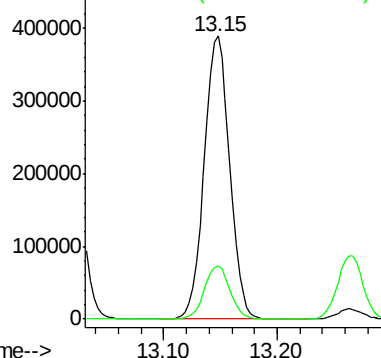
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.900 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

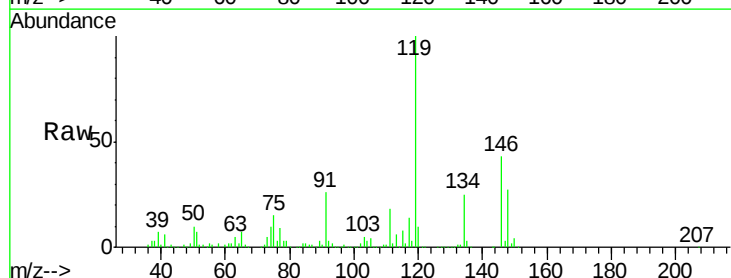
Tgt Ion:119 Resp: 539715

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

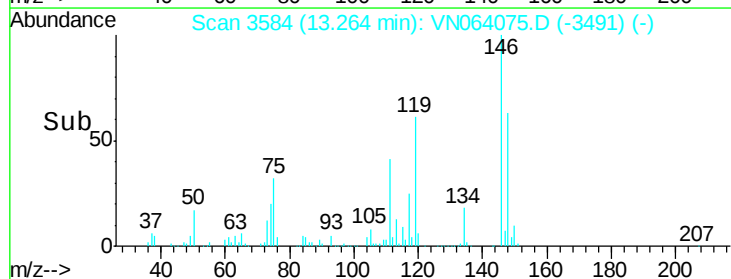
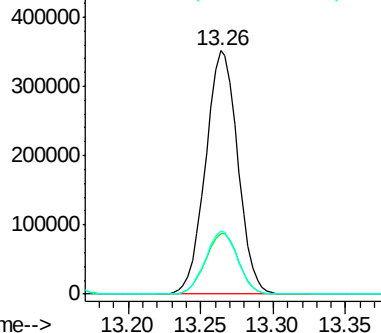
91 25.8 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





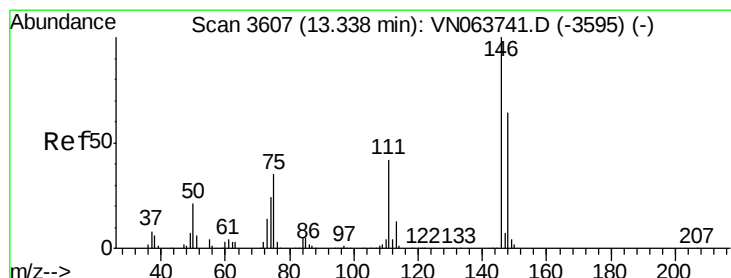
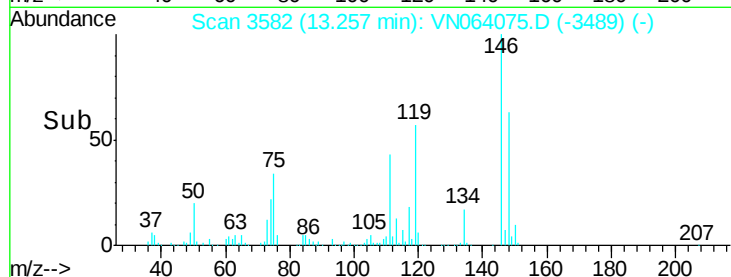
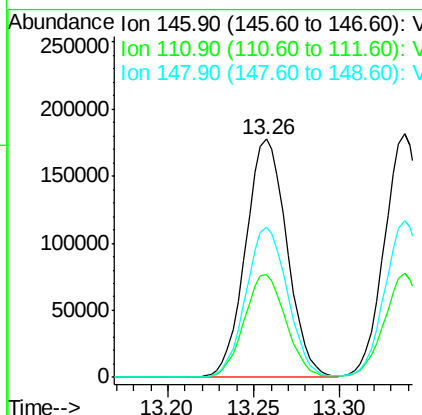
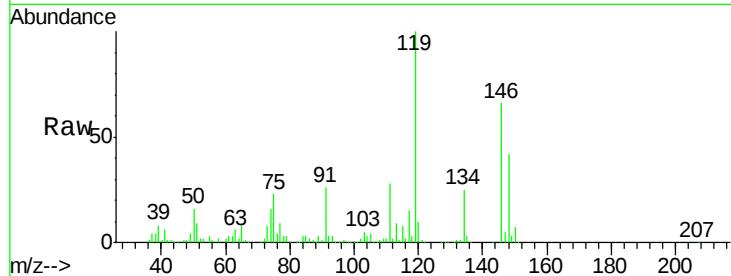
#87
 1,3-Dichlorobenzene
 Concen: 49.250 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	296558		
111	43.3	21.5	64.5	
148	63.4	31.1	93.3	

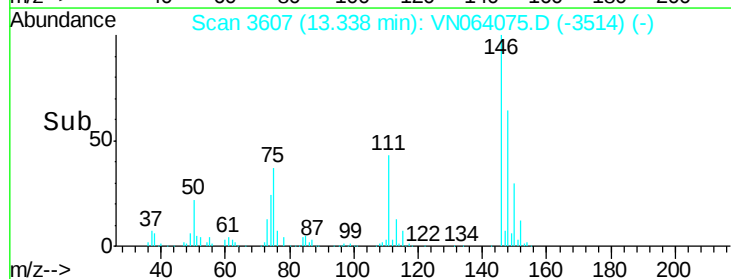
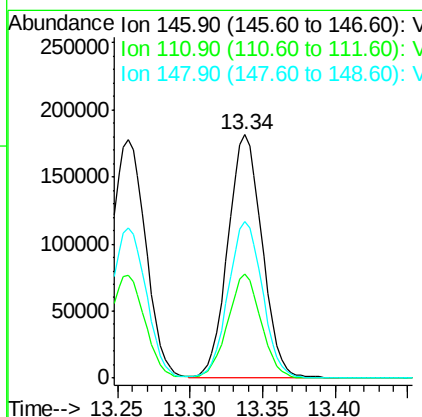
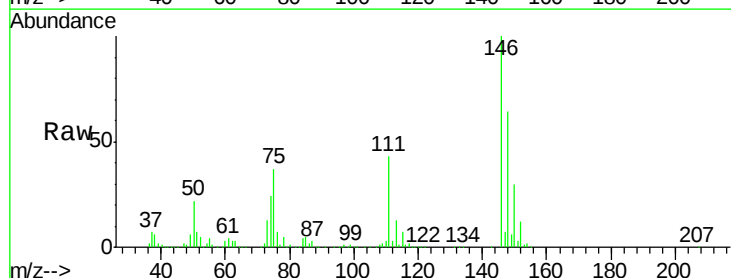
Manual Integrations
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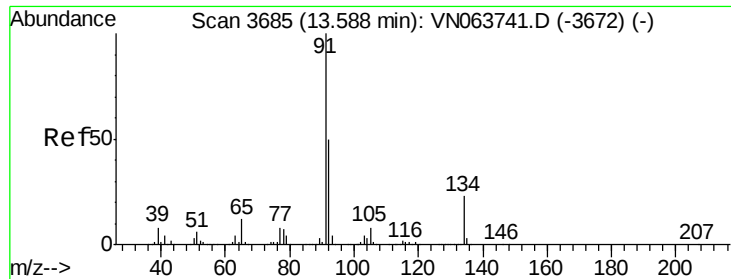
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#88
 1,4-Dichlorobenzene
 Concen: 47.166 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295719		
111	41.2	21.3	63.7	
148	64.8	32.0	96.0	





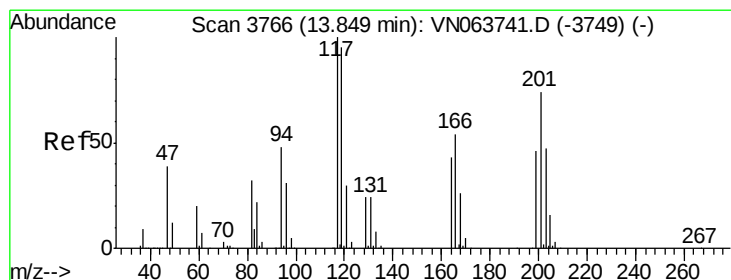
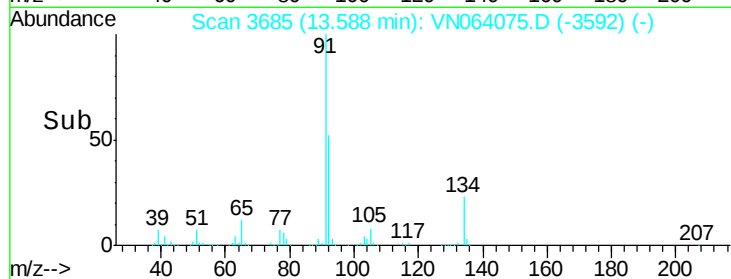
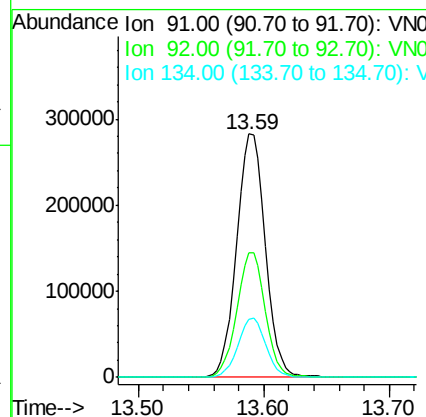
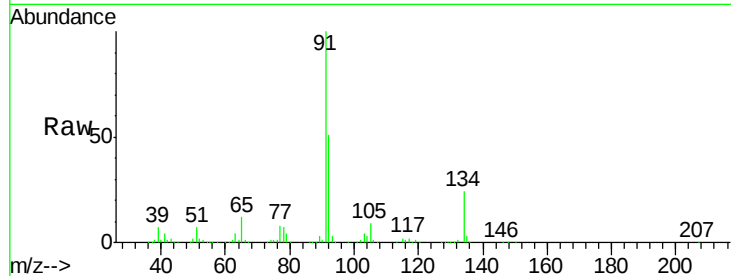
#89
n-Butylbenzene
Concen: 44.972 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.4	76.4
134	23.6	11.7	35.1

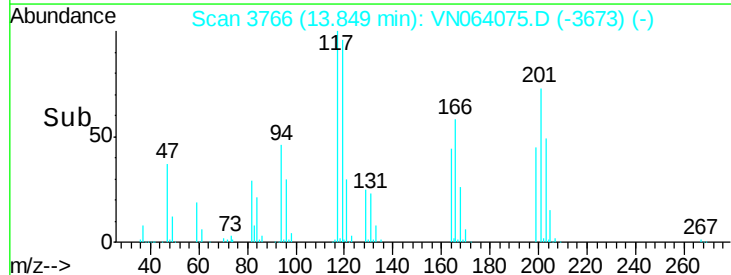
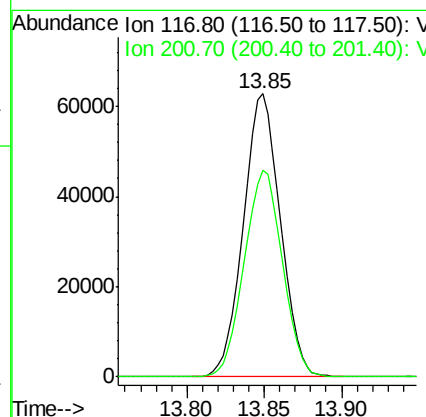
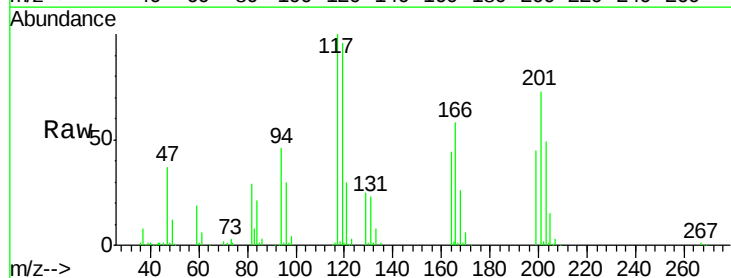
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#90
Hexachloroethane
Concen: 49.935 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.1	36.0	108.0





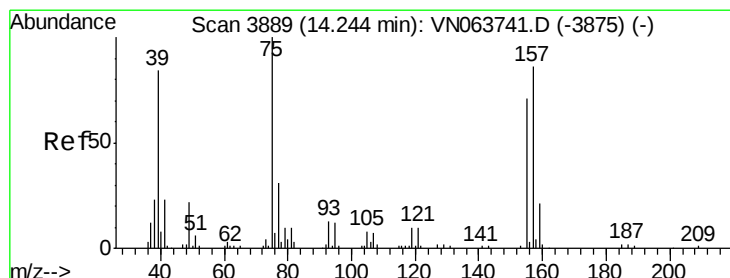
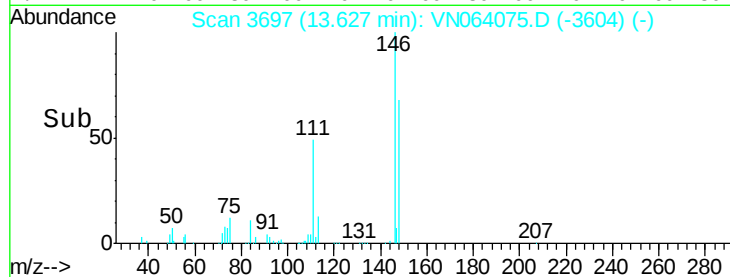
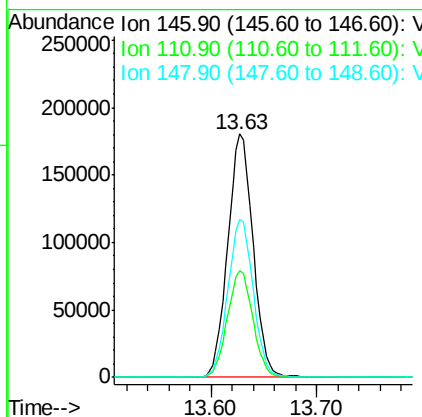
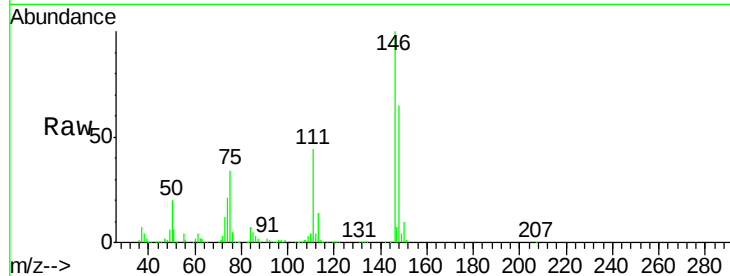
#91
 1,2-Dichlorobenzene
 Concen: 50.144 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	64.8	32.5	97.4

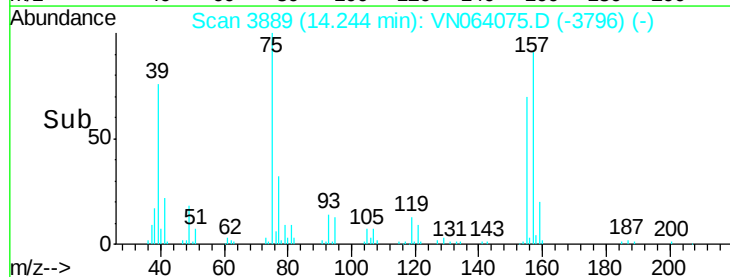
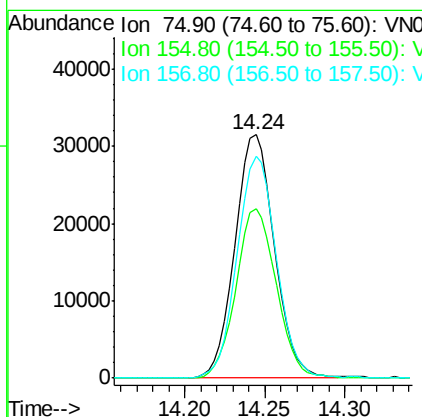
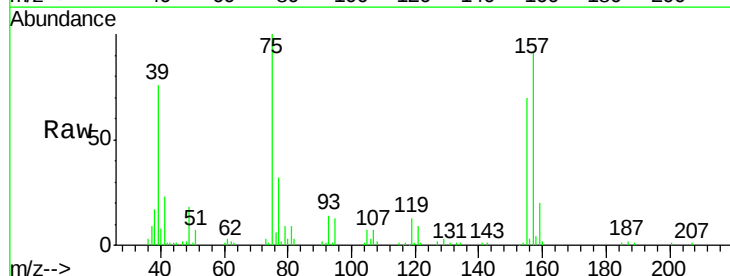
Manual Integrations
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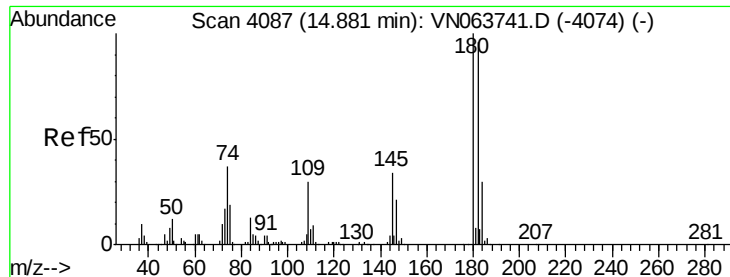
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.563 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.8	34.8	104.5
157	90.4	43.7	131.1





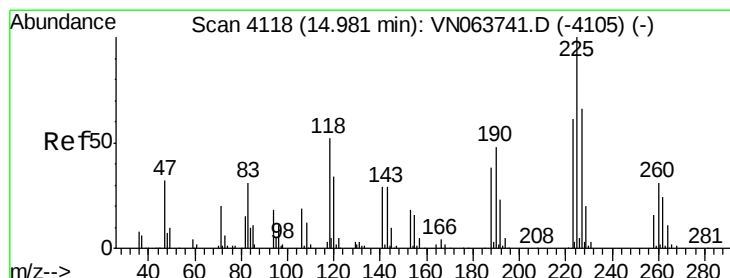
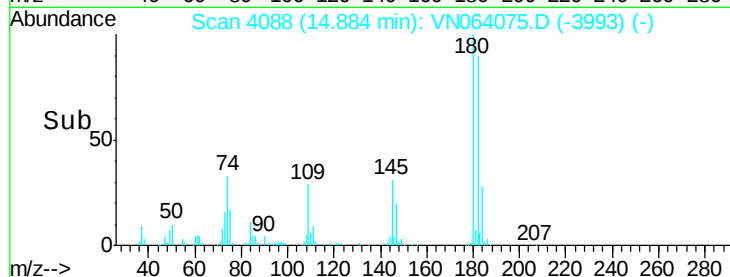
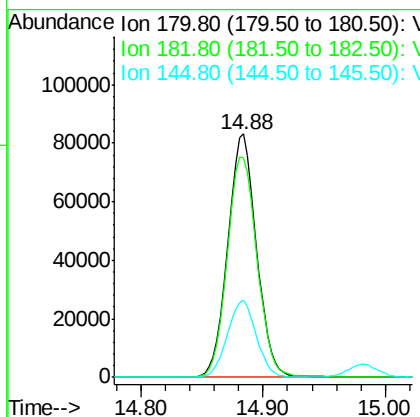
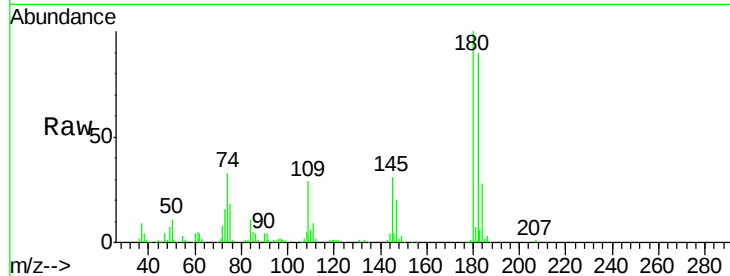
#93
 1,2,4-Trichlorobenzene
 Concen: 42.494 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136936		
182	93.8	48.2	144.6	
145	31.9	17.1	51.2	

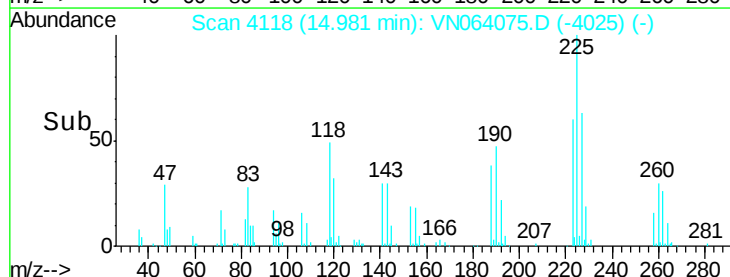
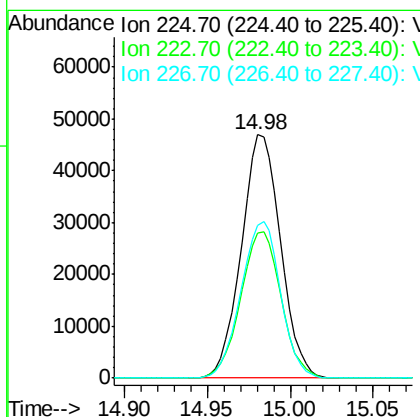
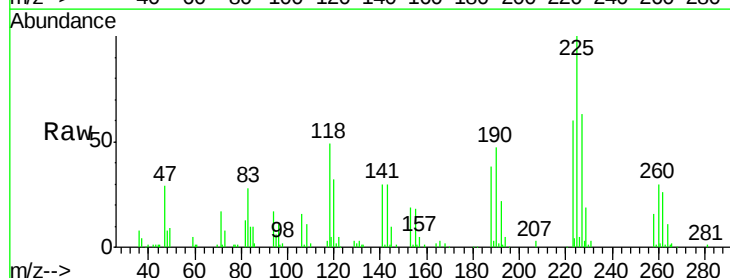
Manual Integrations
 APPROVED

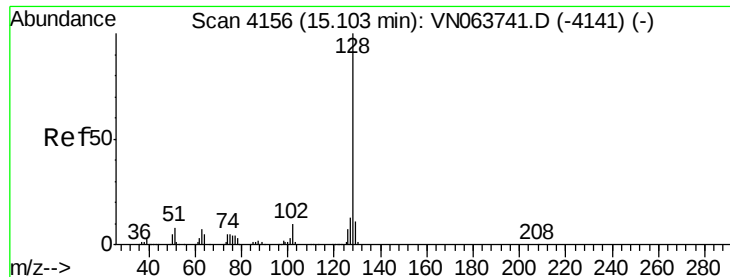
MMDadoda
 10/12/2020 2:10:25 PM



#94
 Hexachlorobutadiene
 Concen: 47.979 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77583		
223	61.8	30.3	91.0	
227	64.6	31.9	95.5	





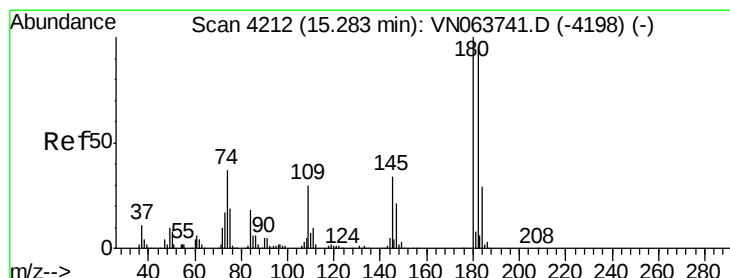
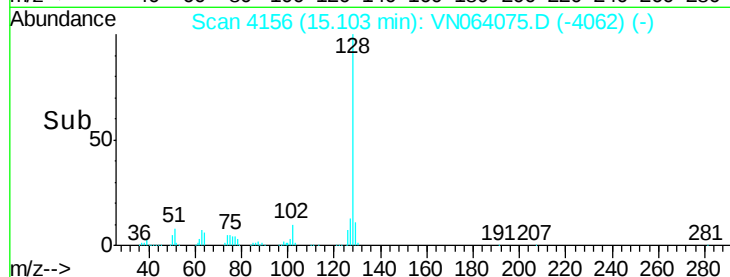
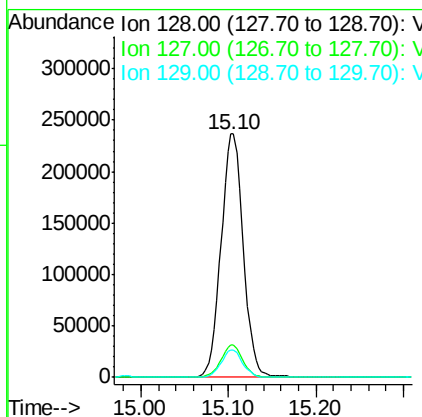
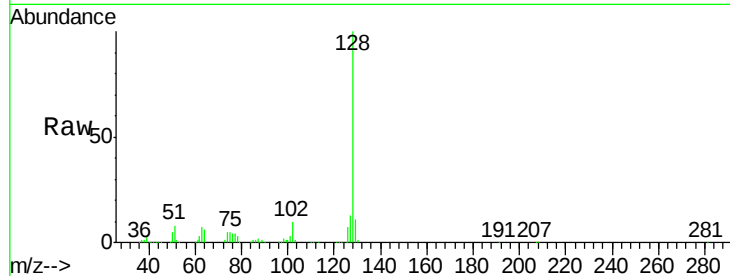
#95
Naphthalene
Concen: 41.949 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:10:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 42.885 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.9	143.6
145	35.3	17.2	51.5

