

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064194.D
 Acq On : 20 Oct 2020 11:35
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:28:42 PM

Quant Time: Oct 20 11:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	53517	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	289678	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	266802	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	124850	26.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	87.70%
60) 4-Bromofluorobenzene	12.38	95	145158	31.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.03%
63) Toluene-d8	10.06	98	357849	29.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	572716	163.815	ug/l 94
3) Chloromethane	2.04	50	576926	158.957	ug/l 99
4) Vinyl Chloride	2.16	62	558280	154.621	ug/l 95
5) Bromomethane	2.51	94	333786	145.899	ug/l 99
6) Chloroethane	2.66	64	317319	142.038	ug/l 99
7) Trichlorofluoromethane	2.98	101	868370	150.225	ug/l 99
8) Diethyl Ether	3.37	74	295515	157.909	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	447631	150.320	ug/l 96
10) 1,1-Dichloroethene	3.69	96	443414	157.501	ug/l 98
11) Methyl Iodide	3.91	142	693234	189.665	ug/l 98
12) Methyl Acetate	4.27	43	498580	149.187	ug/l 96
13) Acrolein	3.57	56	273529	806.420	ug/l # 1
14) Acrylonitrile	4.93	53	1022459	741.538	ug/l 99
15) Acetone	3.78	58	279237	717.247	ug/l 94
16) Carbon Disulfide	4.01	76	1312676	158.185	ug/l 99
17) Allyl chloride	4.27	41	816600	158.211	ug/l 97
18) Methylene Chloride	4.50	84	511314	154.858	ug/l 95
19) trans-1,2-Dichloroethene	4.99	96	481694	151.747	ug/l 97
20) Diisopropyl ether	5.90	45	1555765	150.030	ug/l 95
21) 1,1-Dichloroethane	5.80	63	942374	150.714	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	566699	156.408	ug/l 99
23) tert-Butyl Alcohol	4.73	59	450237	761.192	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	1478638	157.232	ug/l 99
25) Chloroform	7.33	83	966590	147.638	ug/l 97
26) Cyclohexane	7.61	56	740578	160.404	ug/l # 92
29) 1,1-Dichloropropene	7.75	75	734880	151.521	ug/l 98
30) 2-Butanone	6.78	43	1551903	675.168	ug/l 99
31) 2,2-Dichloropropane	6.78	77	903636	154.734	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	926127	150.623	ug/l 100
33) Carbon Tetrachloride	7.74	117	837891	153.962	ug/l 99
34) Benzene	8.00	78	2066806	151.364	ug/l # 89
35) Methacrylonitrile	7.13	41	352466	156.066	ug/l 94
36) 1,2-Dichloroethane	8.08	62	821804	138.514	ug/l 100
37) Trichloroethene	8.80	130	564325	155.327	ug/l 99
38) Methylcyclohexane	9.05	83	687379	164.236	ug/l 99
39) 1,2-Dichloropropane	9.08	63	548994	148.692	ug/l 98
40) Dibromomethane	9.17	93	372265	144.911	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	819523	151.201	ug/l	100
42) Vinyl Acetate	5.84	43	7202018	736.682	ug/l	100
43) Ethyl Acetate	6.88	43	668046	134.148	ug/l	95
44) Isopropyl Acetate	8.13	43	1270328	151.169	ug/l	98
45) 1,4-Dioxane	9.16	88	154296	2934.776	ug/l #	91
46) Methyl methacrylate	9.16	41	614360	148.170	ug/l	98
47) n-amyl Acetate	12.04	43	1157707	154.617	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	944496	160.186	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	968044	157.984	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	507939	146.431	ug/l	99
51) Ethyl methacrylate	10.40	69	812491	158.957	ug/l	98
52) 1,3-Dichloropropane	10.68	76	882967	148.578	ug/l	100
53) Dibromochloromethane	10.87	129	644165	159.798	ug/l	99
54) 1,2-Dibromoethane	10.98	107	552599	152.178	ug/l	96
55) 2-Chloroethyl vinyl ether	9.66	63	2040652	743.783	ug/l	100
56) Bromoform	12.10	173	469329	166.199	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	3382459	697.427	ug/l	99
59) 2-Hexanone	10.72	43	2526323	696.827	ug/l	99
61) Tetrachloroethene	10.60	164	521722	159.332	ug/l	97
62) Toluene	10.13	91	2283728	154.520	ug/l	100
64) Chlorobenzene	11.41	112	1433542	158.907	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	552095	157.011	ug/l	99
66) Ethyl Benzene	11.48	91	2619414	159.242	ug/l	98
67) m/p-Xylenes	11.59	106	1985941	326.516	ug/l	96
68) o-Xylene	11.92	106	952289	163.655	ug/l	94
69) Styrene	11.94	104	1648996	165.979	ug/l	99
70) Isopropylbenzene	12.22	105	2519165	162.511	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	695066	146.106	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	729867m	153.622	ug/l	
73) Bromobenzene	12.50	156	622591	158.589	ug/l	98
74) n-propylbenzene	12.57	91	2932385	162.583	ug/l	98
75) 2-Chlorotoluene	12.65	91	1808451	164.226	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	2183430	166.842	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	299319	168.795	ug/l	96
78) 4-Chlorotoluene	12.75	91	1895958	163.337	ug/l	99
79) tert-butylbenzene	12.97	119	1786684	169.185	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	2192412	166.618	ug/l	98
81) sec-Butylbenzene	13.14	105	2312264	167.029	ug/l	99
82) p-Isopropyltoluene	13.26	119	2172281	172.066	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	1131551	163.494	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	1145343	165.358	ug/l	98
85) n-Butylbenzene	13.59	91	1939185	175.770	ug/l	99
86) Hexachloroethane	13.85	117	378010	173.848	ug/l	95
87) 1,2-Dichlorobenzene	13.63	146	1098200	162.860	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	177687	155.669	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	680388	189.042	ug/l	97
90) Hexachlorobutadiene	14.98	225	318441	171.009	ug/l	99
91) Naphthalene	15.10	128	2064382	190.518	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	655757	189.638	ug/l	100

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ClientSampleId :
VSTDICC150

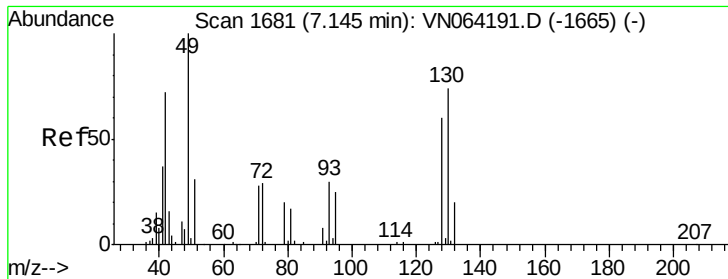
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



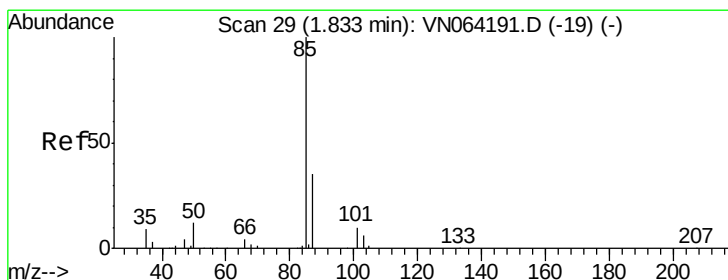
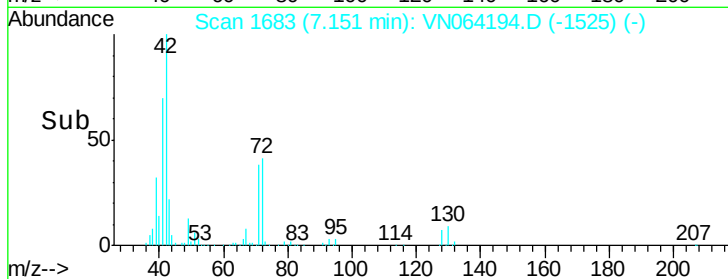
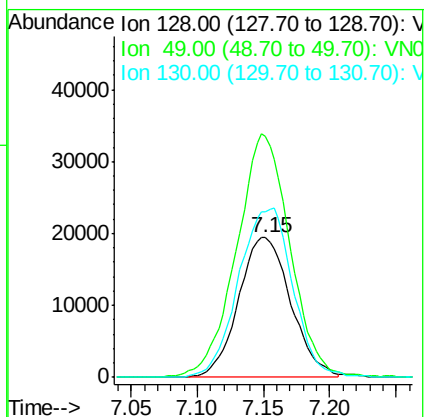
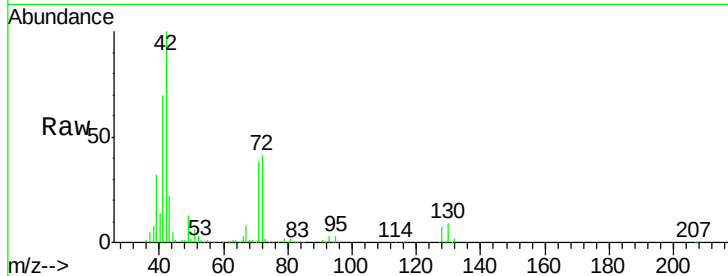
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	177.0	0.0	433.3
130	125.3	0.0	322.5

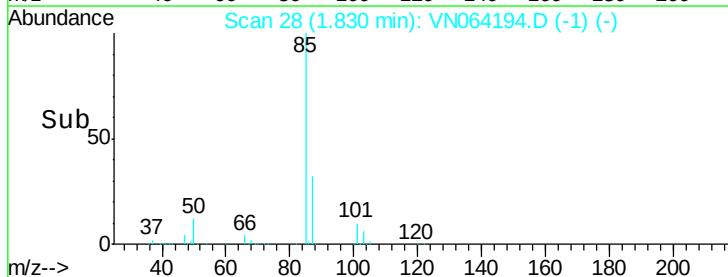
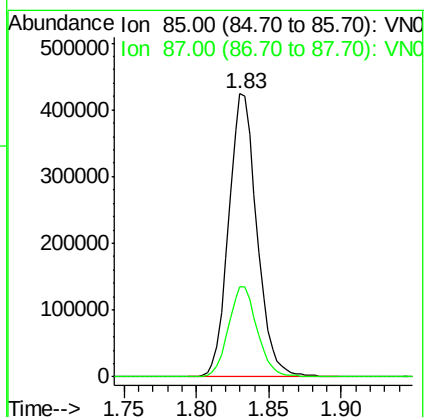
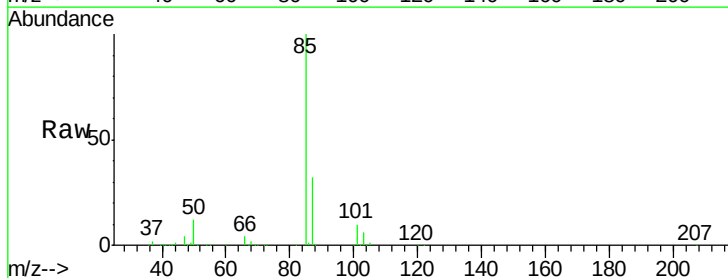
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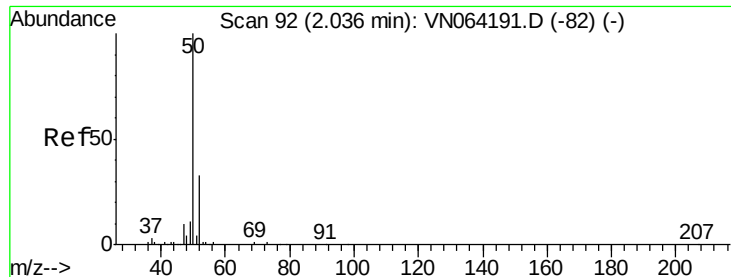
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#2
Dichlorodifluoromethane
Concen: 163.815 ug/l
RT: 1.83 min Scan# 28
Delta R.T. -0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	17.8	53.3





#3

Chloromethane

Concen: 158.957 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 576926

Ion Ratio Lower Upper

50 100

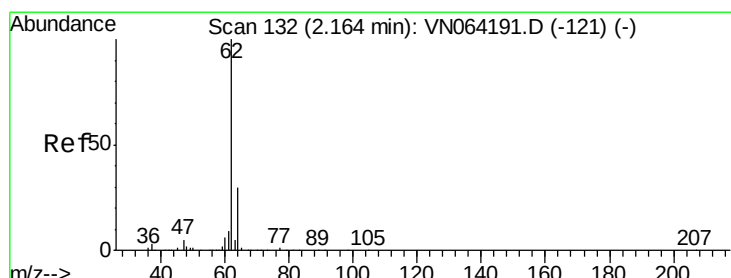
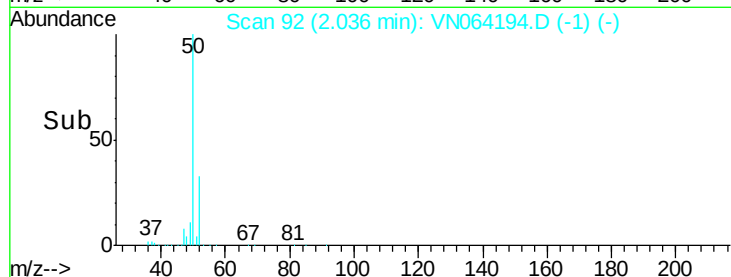
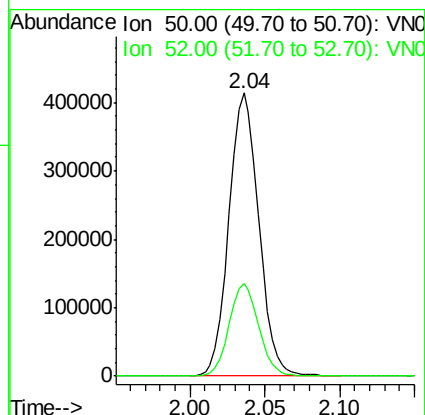
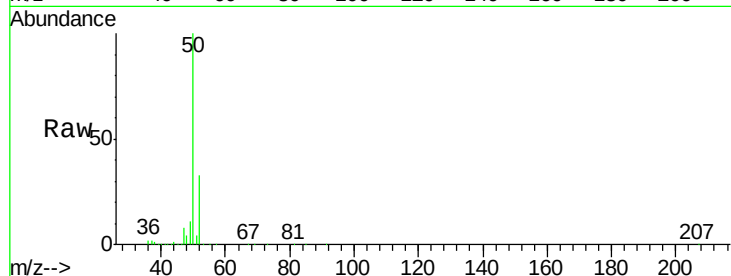
52 32.9 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 154.621 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064194.D

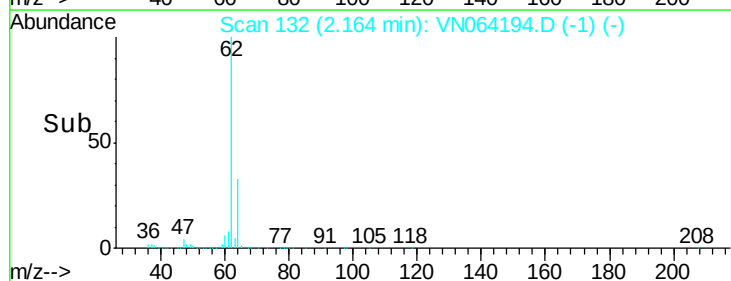
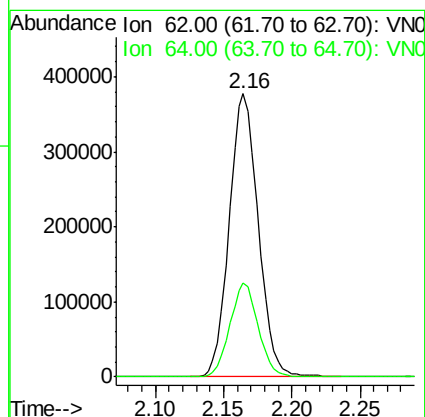
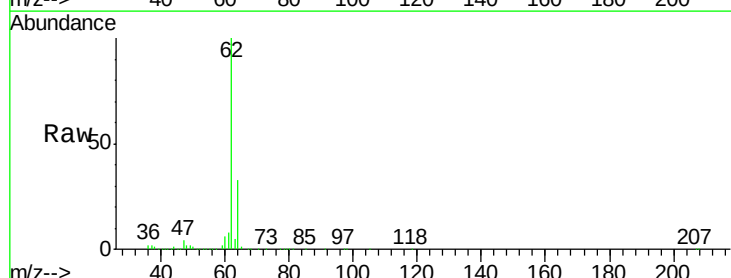
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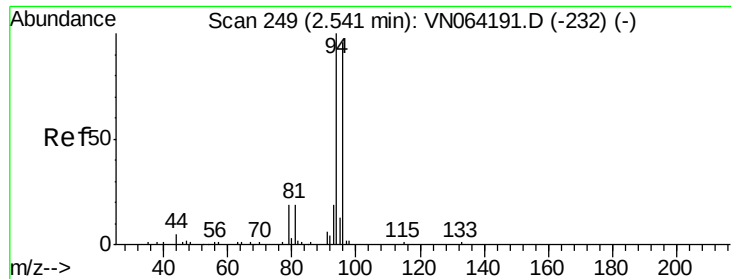
Tgt Ion: 62 Resp: 558280

Ion Ratio Lower Upper

62 100

64 33.1 24.4 36.6





#5

Bromomethane

Concen: 145.899 ug/l

RT: 2.51 min Scan# 241

Delta R.T. -0.03 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 333786

Ion Ratio Lower Upper

94 100

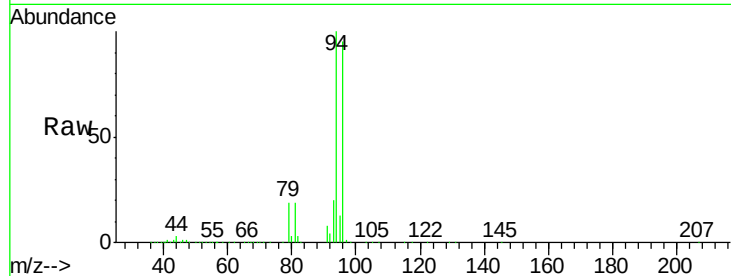
96 94.9 76.6 115.0

Manual Integrations

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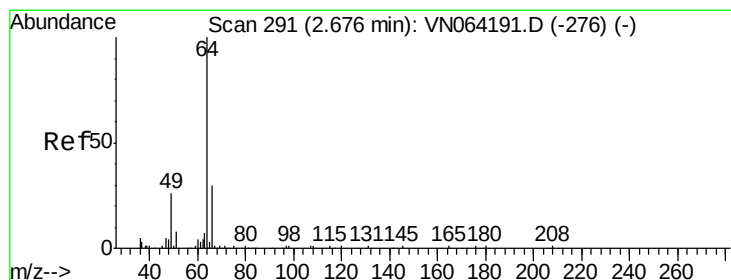
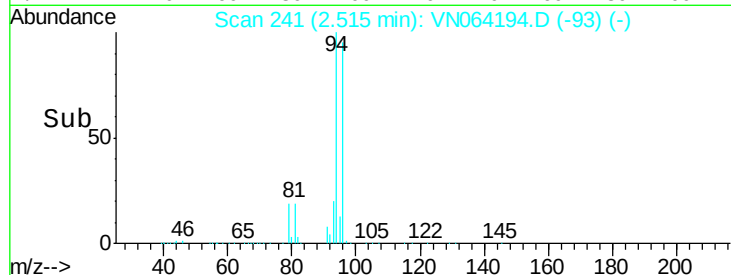
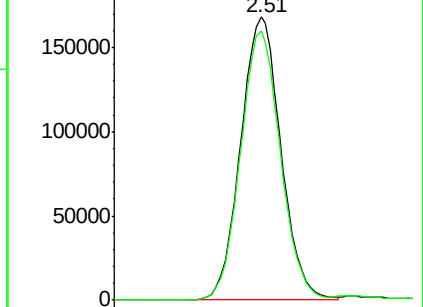
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 142.038 ug/l

RT: 2.66 min Scan# 287

Delta R.T. -0.01 min

Lab File: VN064194.D

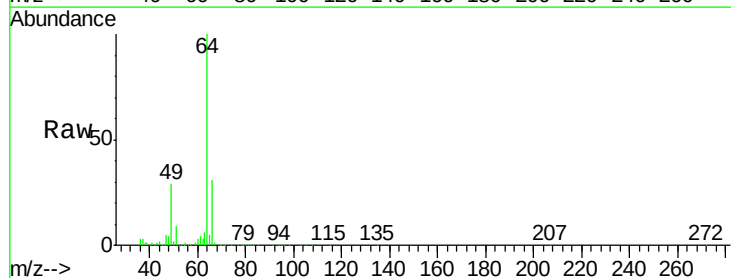
Acq: 20 Oct 2020 11:35

Tgt Ion: 64 Resp: 317319

Ion Ratio Lower Upper

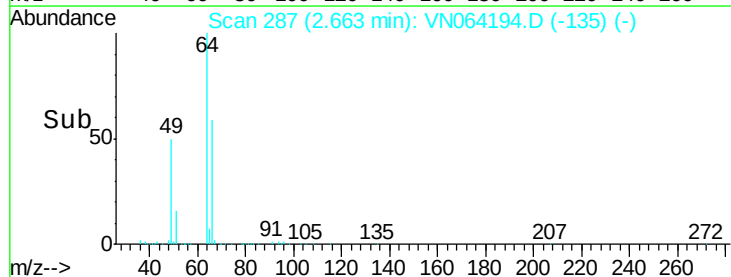
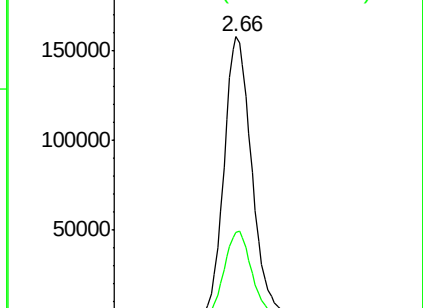
64 100

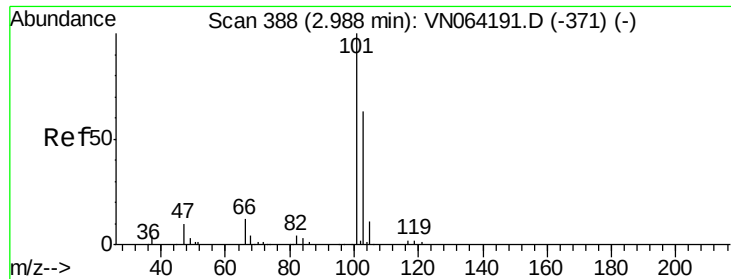
66 30.9 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

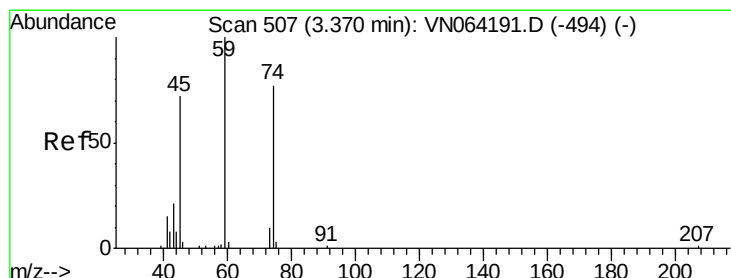
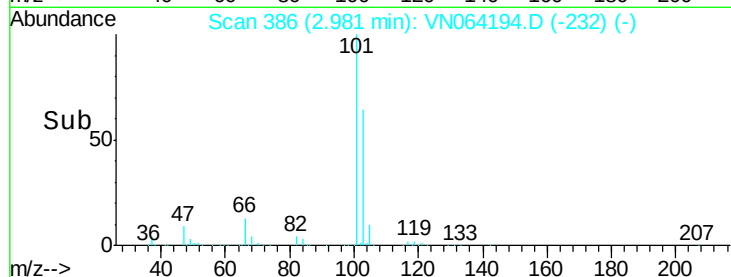
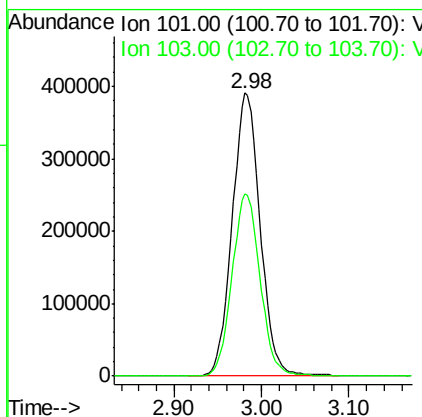
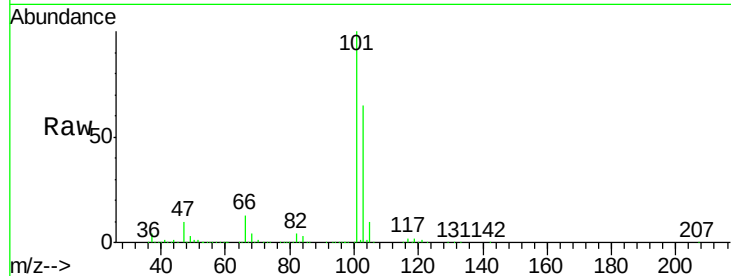
Trichlorofluoromethane
Concen: 150.225 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.7	76.1

Manual Integrations
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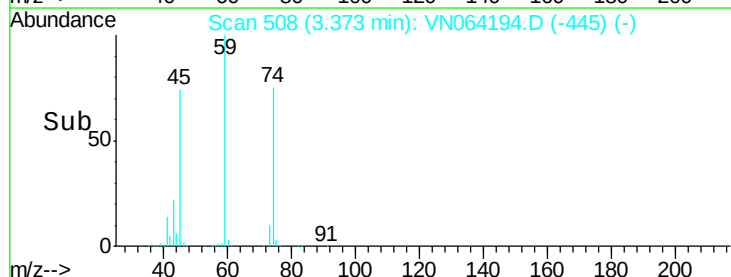
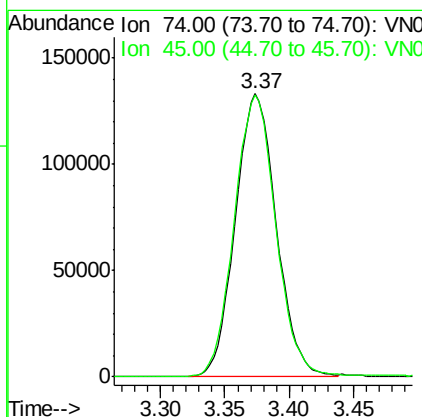
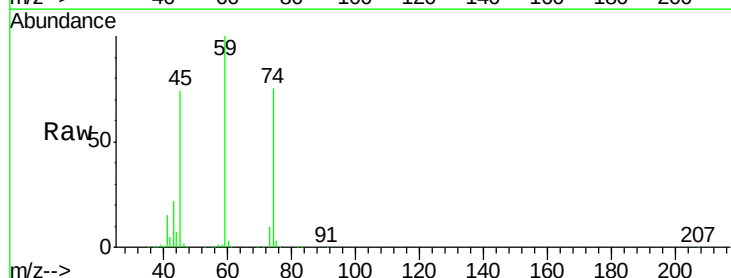
MMDadoda
10/23/2020 2:28:42 PM

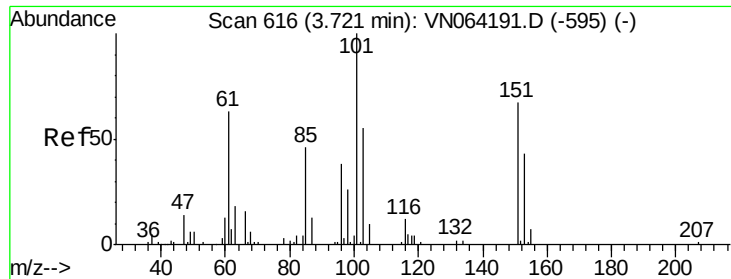


#8

Diethyl Ether
Concen: 157.909 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	19.5	175.3





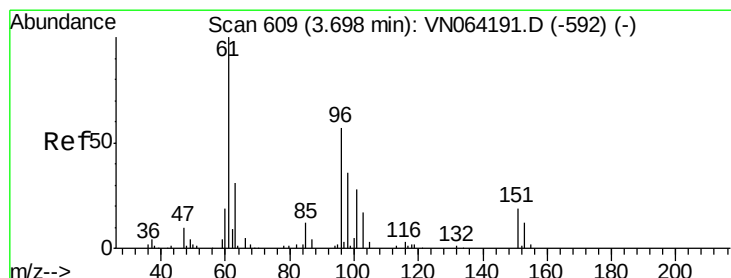
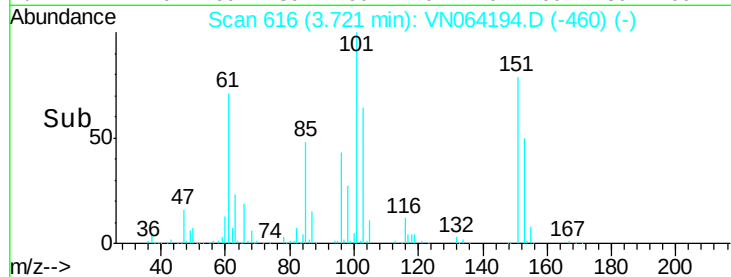
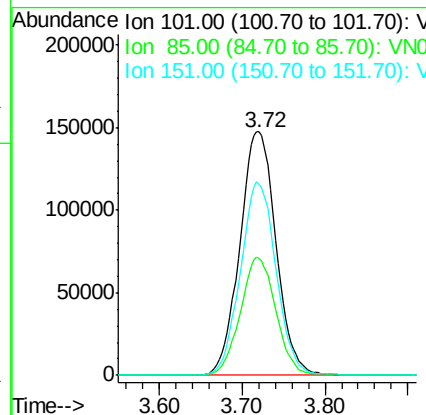
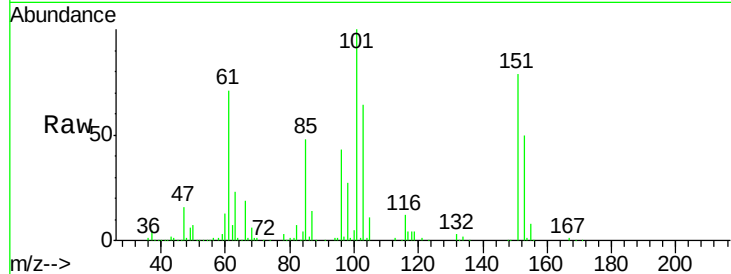
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 150.320 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN064194.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	447631		
85	47.6	0.0	94.0	
151	78.2	0.0	146.6	

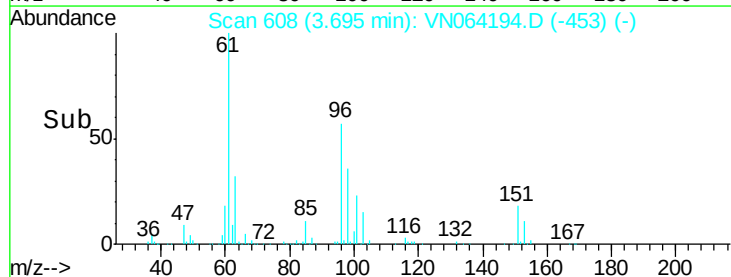
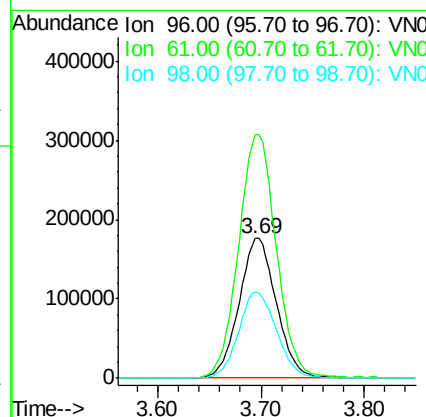
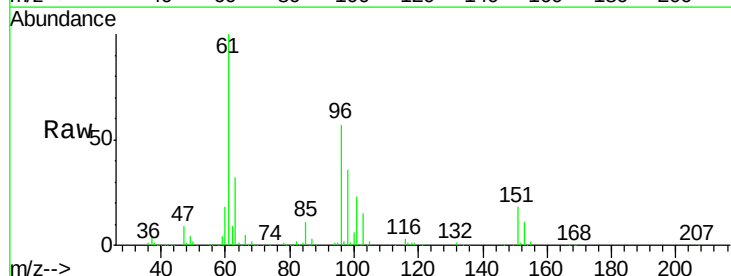
Manual Integrations
 APPROVED

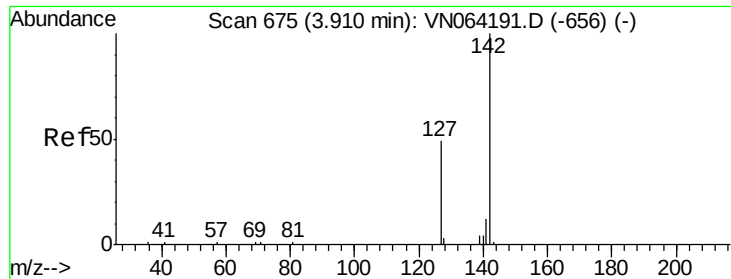
MMDadoda
 10/23/2020 2:28:42 PM



#10
 1,1-Dichloroethene
 Concen: 157.501 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	443414		
61	174.1	141.0	211.4	
98	61.9	51.4	77.2	





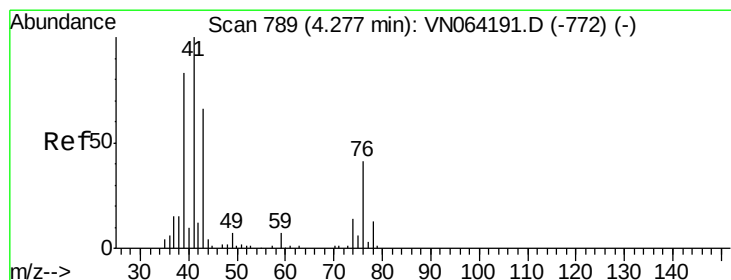
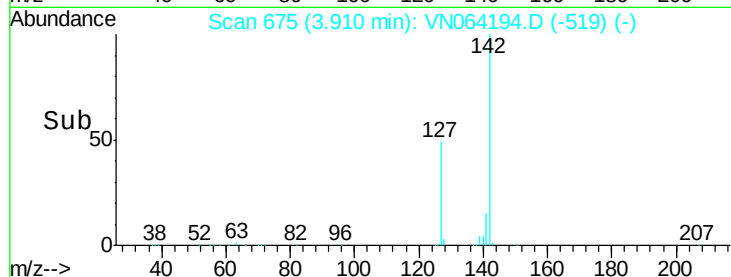
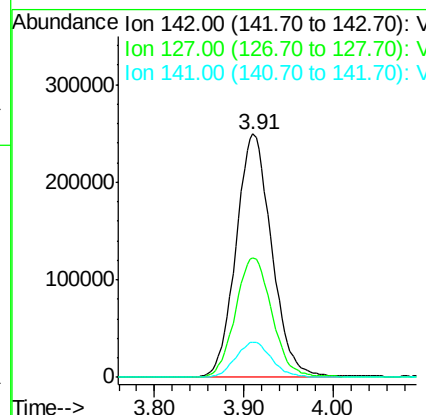
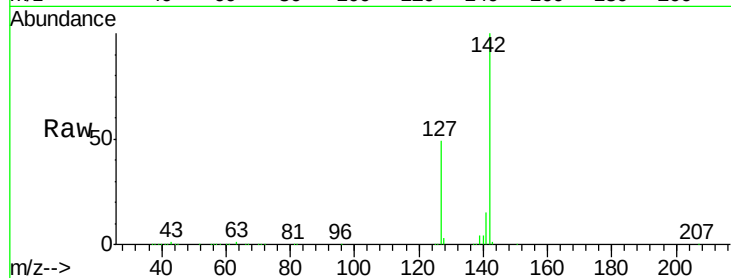
#11
Methyl Iodide
Concen: 189.665 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	49.2	24.5	73.5
141	14.6	6.0	18.1

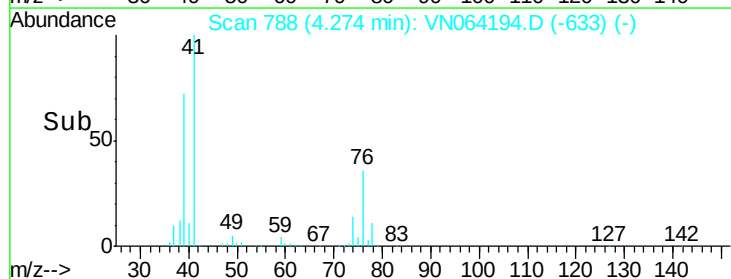
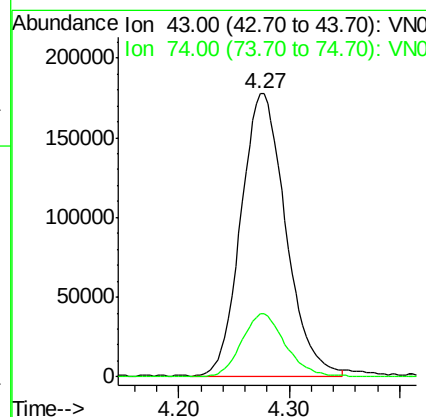
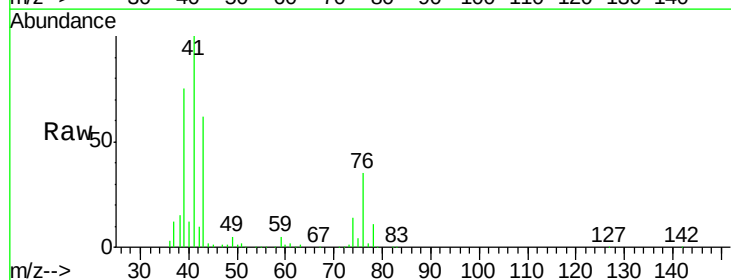
Manual Integrations
APPROVED

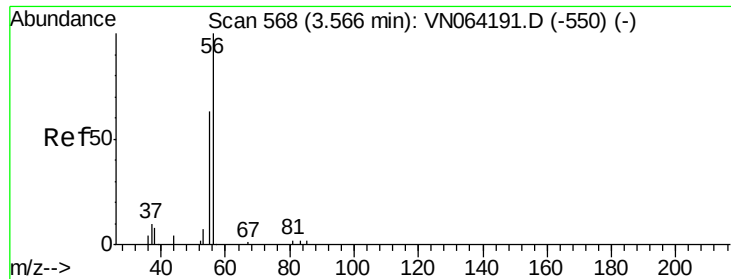
MMDadoda
10/23/2020 2:28:42 PM



#12
Methyl Acetate
Concen: 149.187 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	16.2	24.2





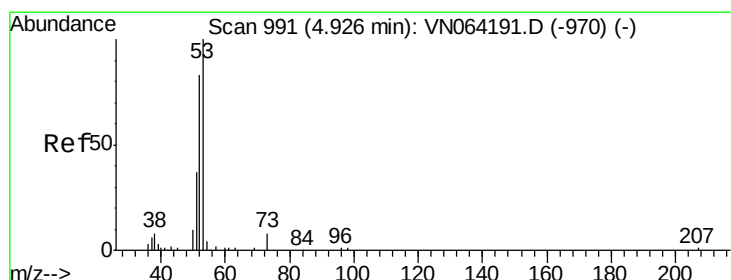
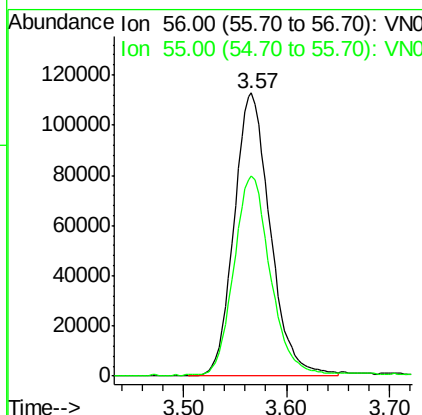
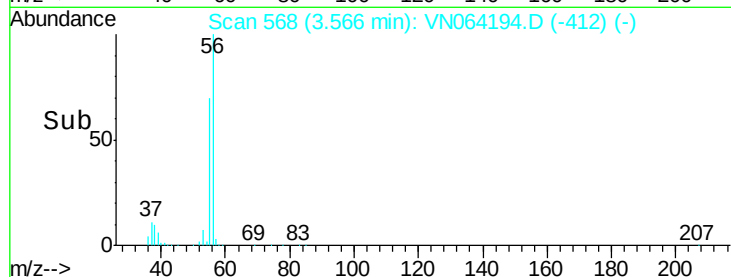
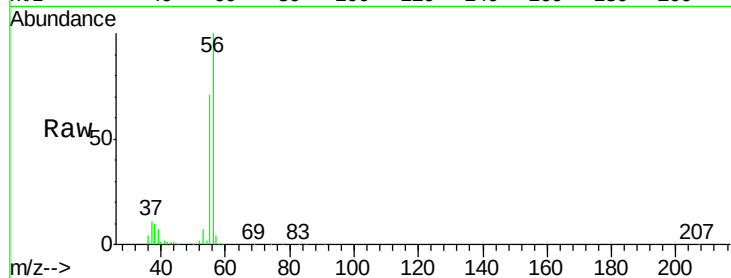
#13
Acrolein
Concen: 806.420 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.9	0.5	0.7#

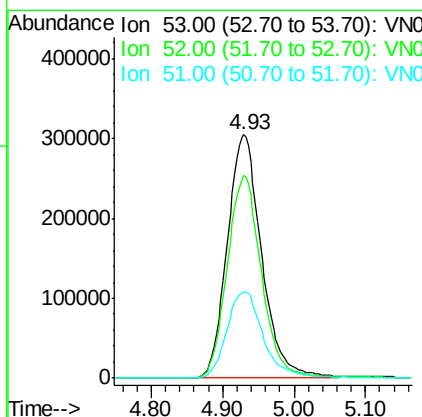
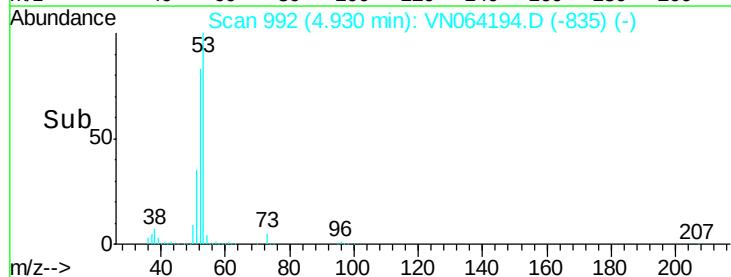
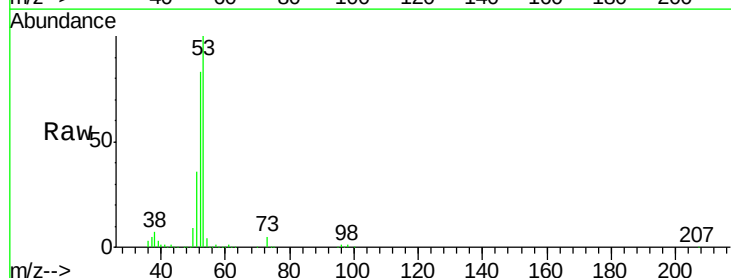
Manual Integrations
APPROVED

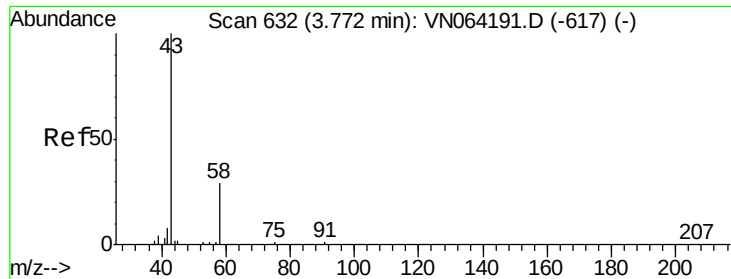
MMDadoda
10/23/2020 2:28:42 PM



#14
Acrylonitrile
Concen: 741.538 ug/l
RT: 4.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	41.3	123.9
51	37.5	18.1	54.1





#15

Acetone

Concen: 717.247 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 279237

Ion Ratio Lower Upper

58 100

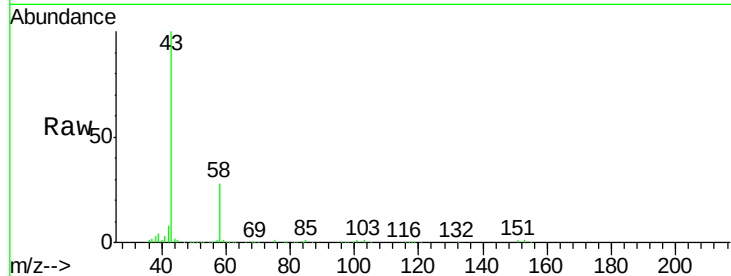
43 352.6 272.1 408.1

Manual Integrations

APPROVED

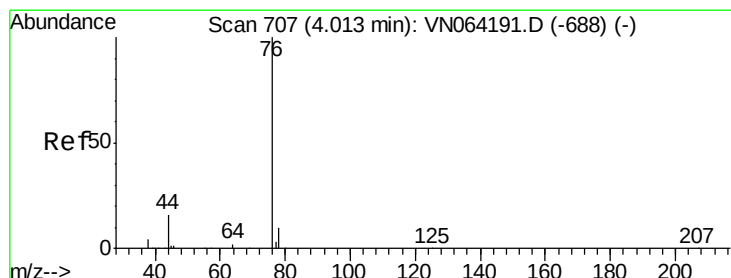
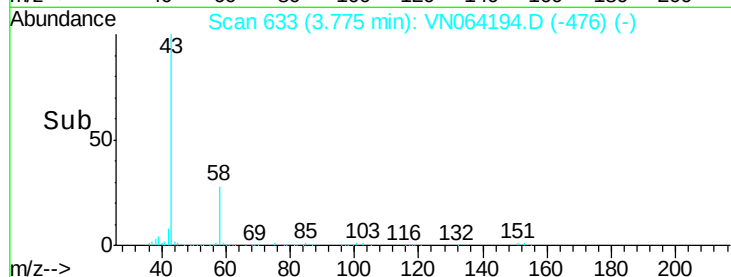
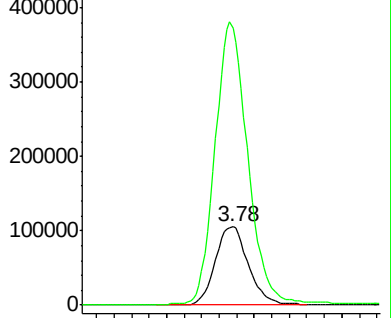
MMDadoda

10/23/2020 2:28:42 PM



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 158.185 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064194.D

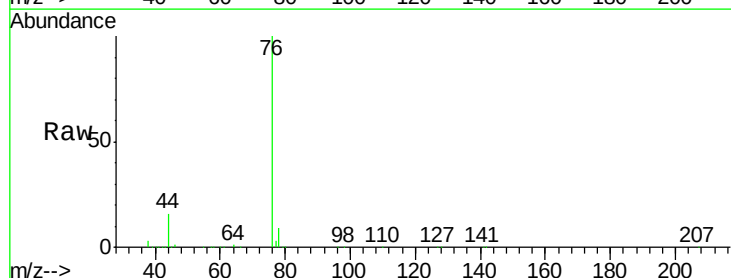
Acq: 20 Oct 2020 11:35

Tgt Ion: 76 Resp: 1312676

Ion Ratio Lower Upper

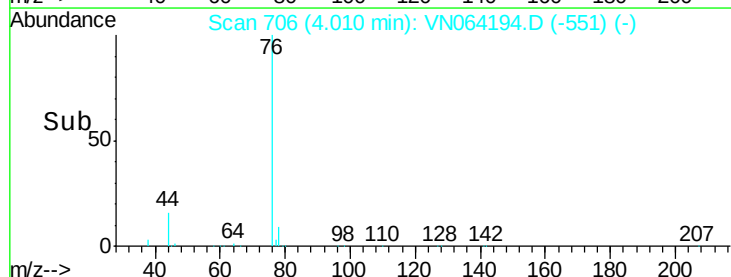
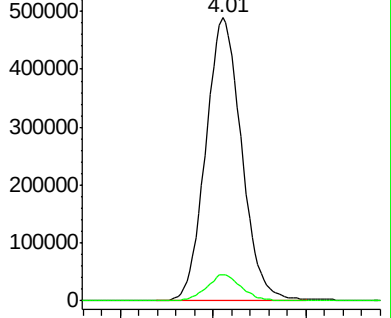
76 100

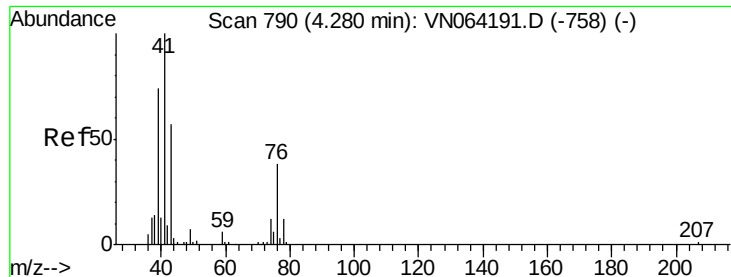
78 9.4 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





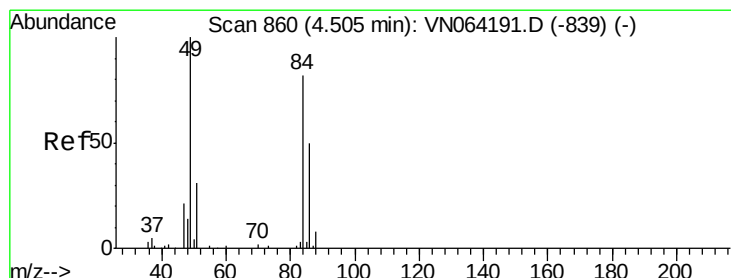
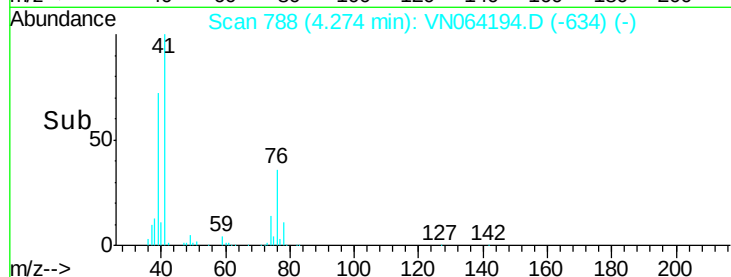
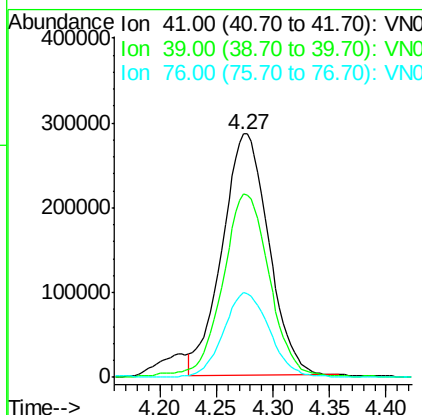
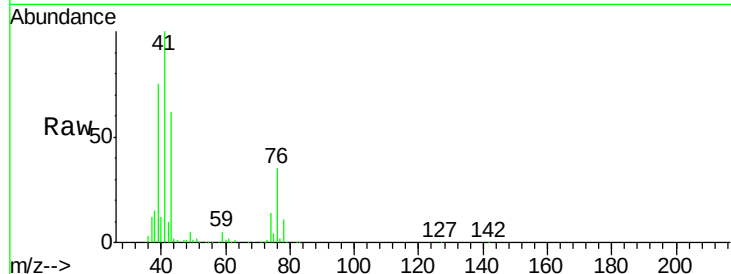
#17
Allvl chloride
Concen: 158.211 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	816600
Ion	Ratio	Lower	Upper
41	100		
39	75.2	36.8	110.4
76	34.6	18.8	56.4

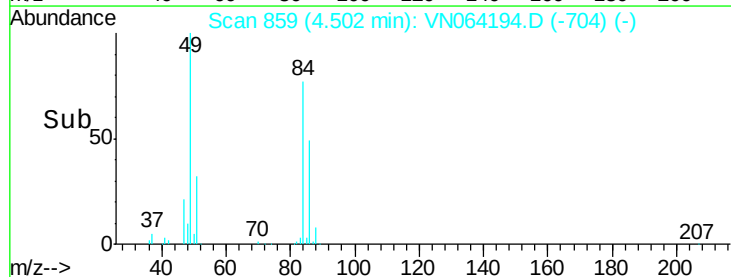
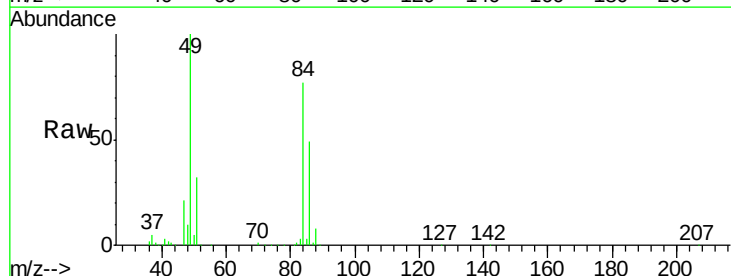
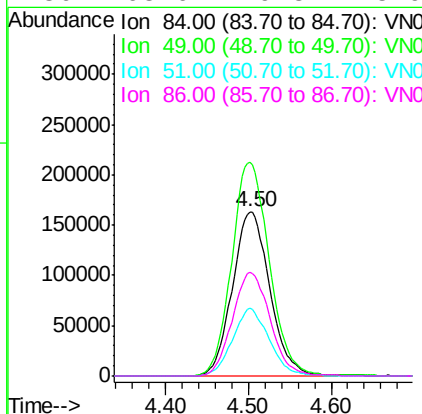
Manual Integrations
APPROVED

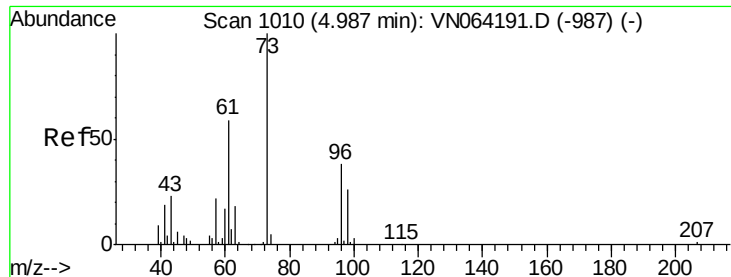
MMDadoda
10/23/2020 2:28:42 PM



#18
Methylene Chloride
Concen: 154.858 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion:	84	Resp:	511314
Ion	Ratio	Lower	Upper
84	100		
49	130.0	97.6	146.4
51	41.2	31.1	46.7
86	63.6	49.3	73.9





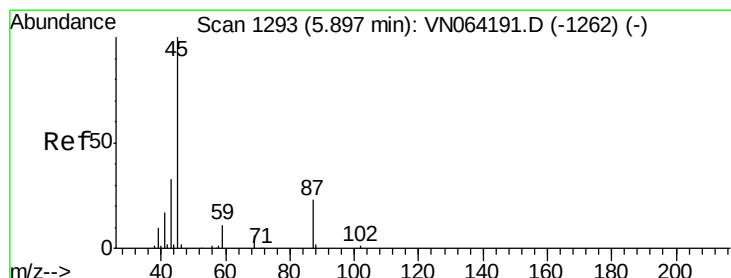
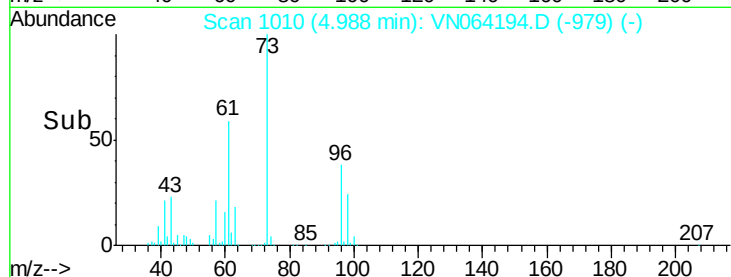
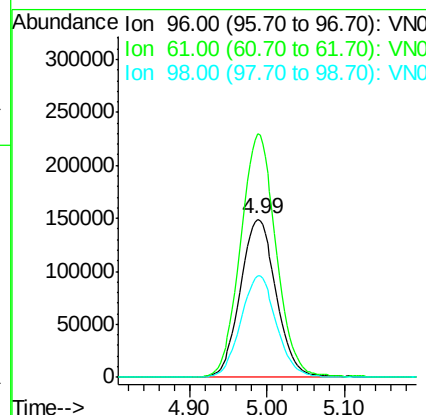
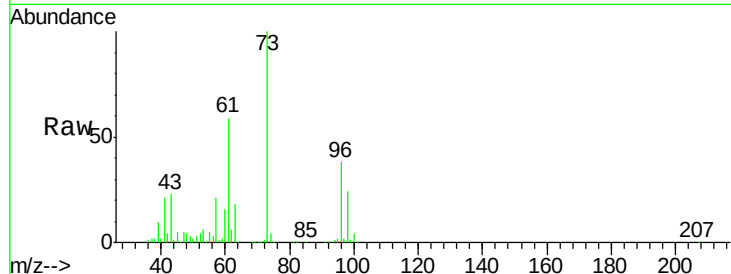
#19
trans-1,2-Dichloroethene
Concen: 151.747 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.0	125.5	188.3
98	64.0	54.7	82.1

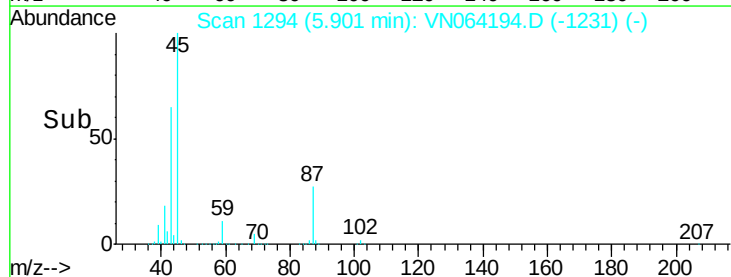
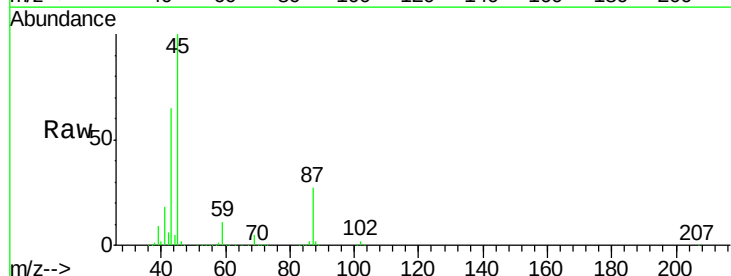
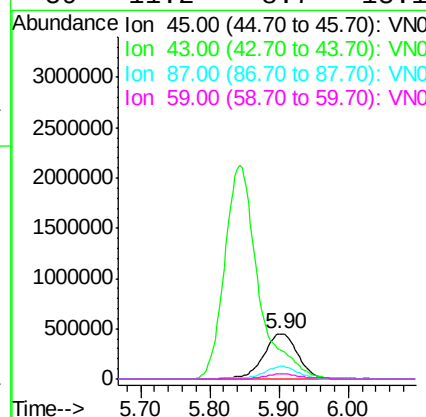
Manual Integrations
APPROVED

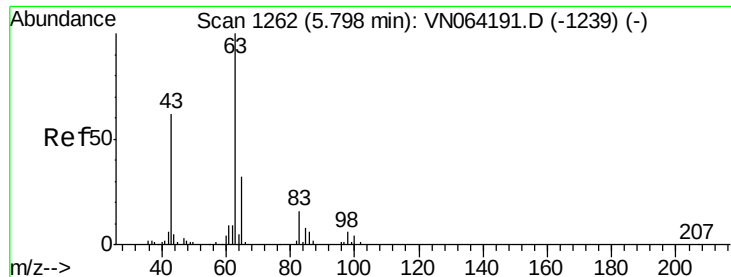
MMDadoda
10/23/2020 2:28:42 PM



#20
Diisopropyl ether
Concen: 150.030 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.2	55.1	82.7
87	26.8	19.4	29.2
59	11.2	8.7	13.1





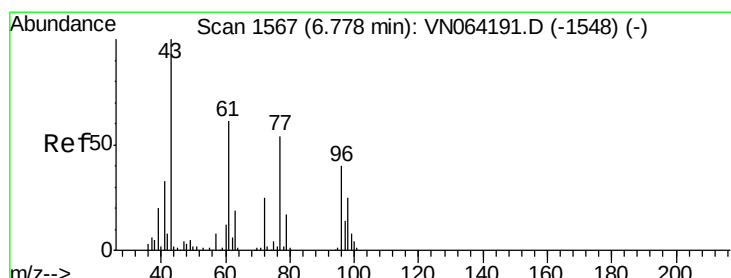
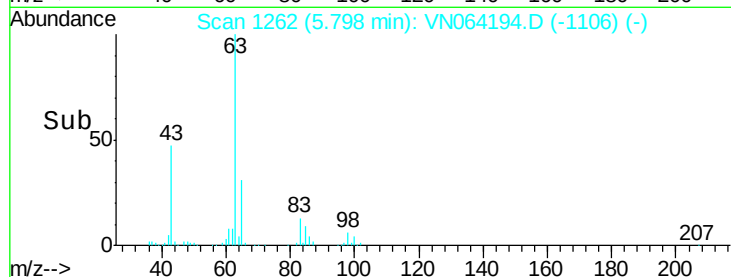
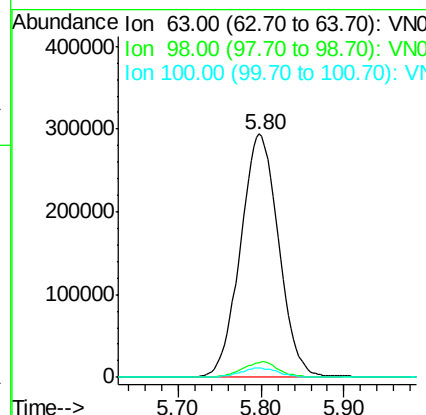
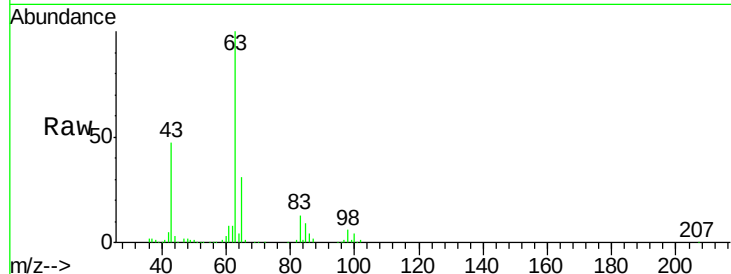
#21
 1,1-Dichloroethane
 Concen: 150.714 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.0	2.9	8.7
100	3.7	2.1	6.3

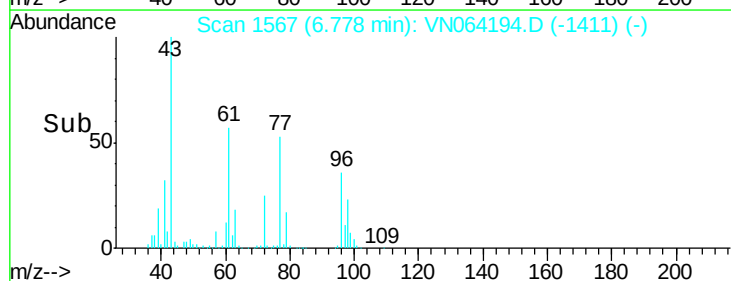
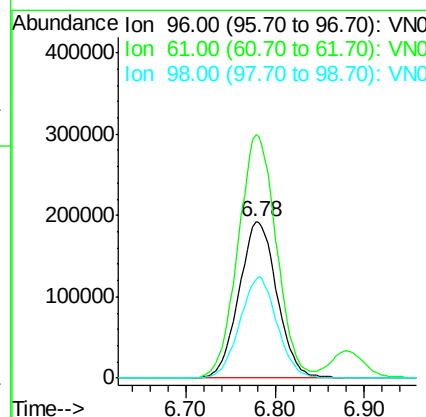
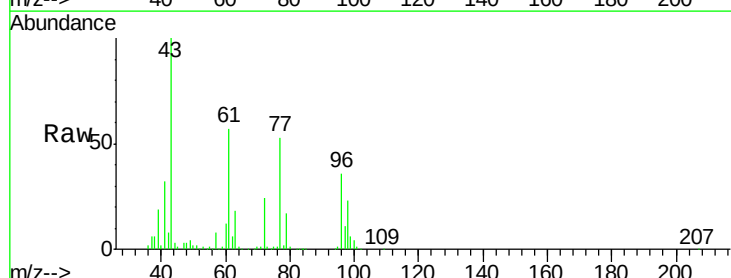
Manual Integrations
 APPROVED

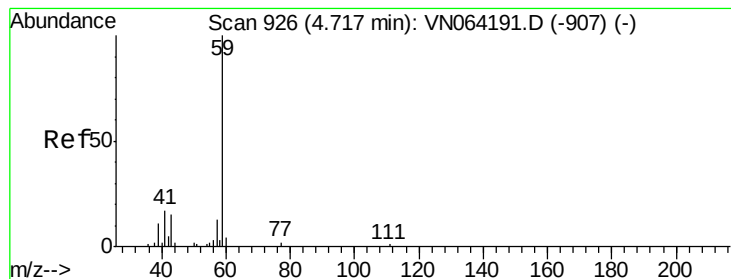
MMDadoda
 10/23/2020 2:28:42 PM



#22
 cis-1,2-Dichloroethene
 Concen: 156.408 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	156.5	126.2	189.4
98	63.4	50.2	75.4





#23

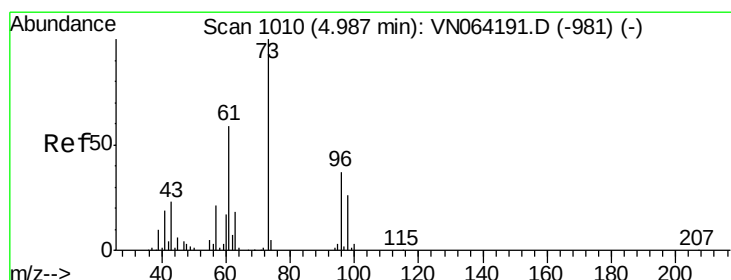
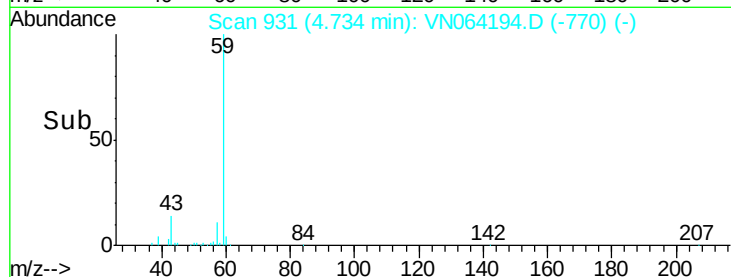
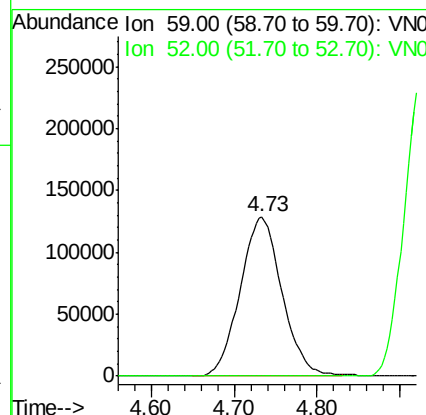
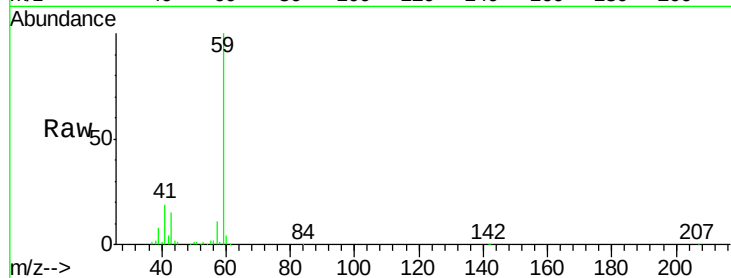
tert-Butyl Alcohol
 Concen: 761.192 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.02 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.1	0.0	0.0	0.0

Manual Integrations
 APPROVED

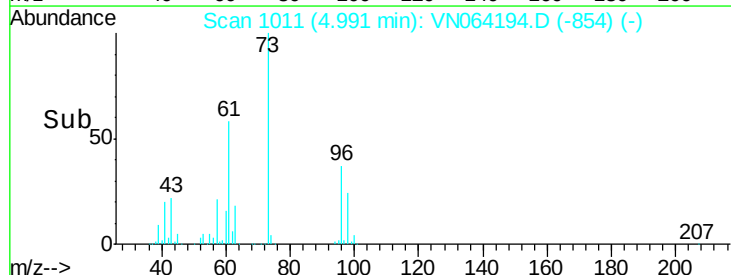
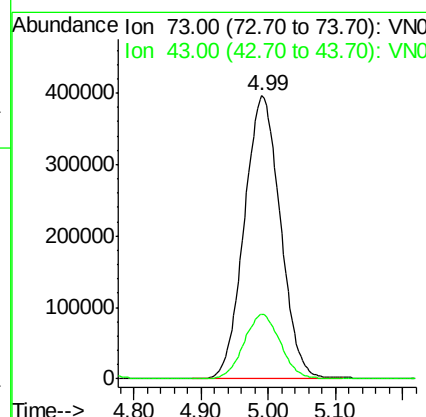
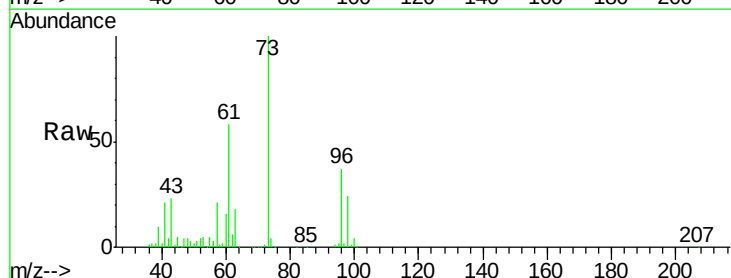
MMDadoda
 10/23/2020 2:28:42 PM

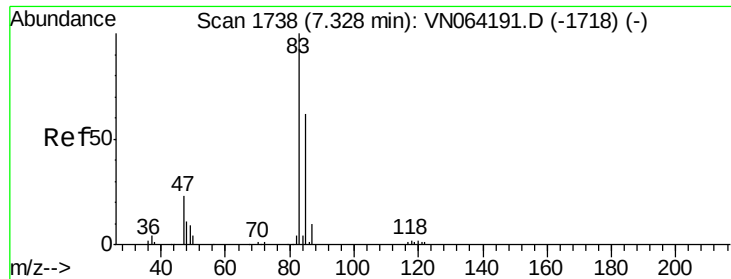


#24

Methyl tert-Butyl Ether
 Concen: 157.232 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	22.4	18.2	27.2	





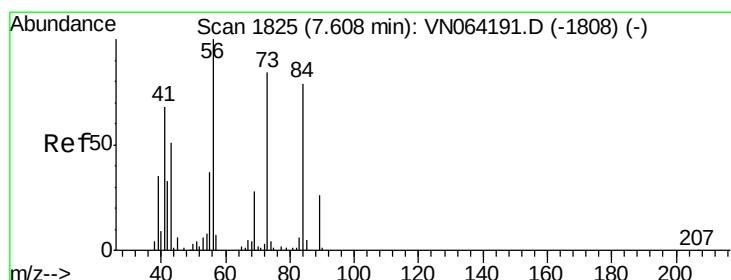
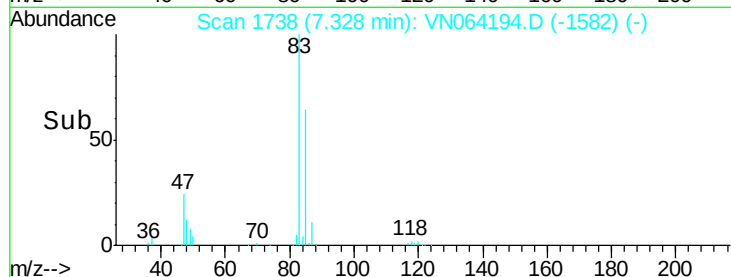
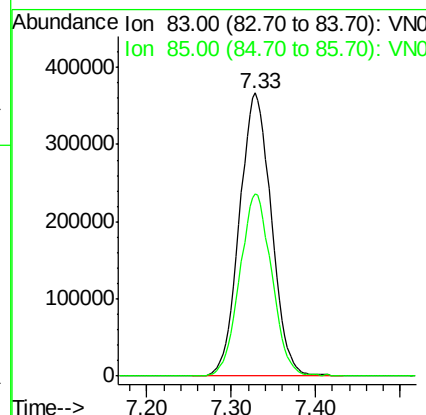
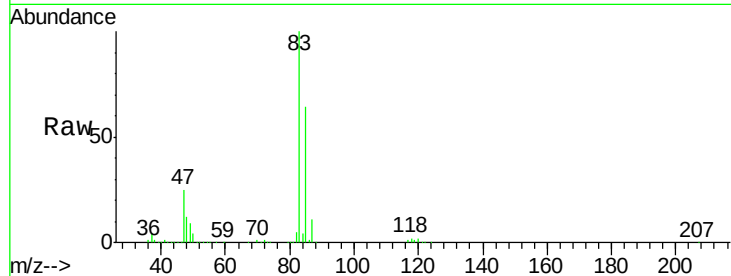
#25
Chloroform
Concen: 147.638 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	966590
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	49.7	74.5

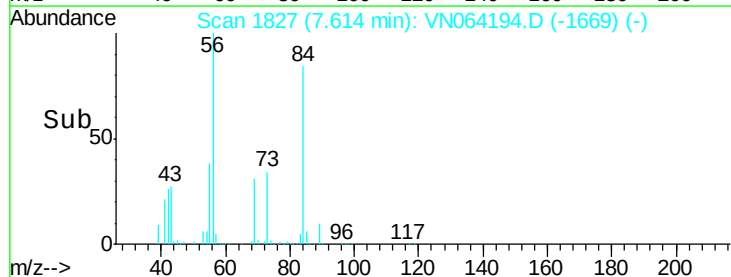
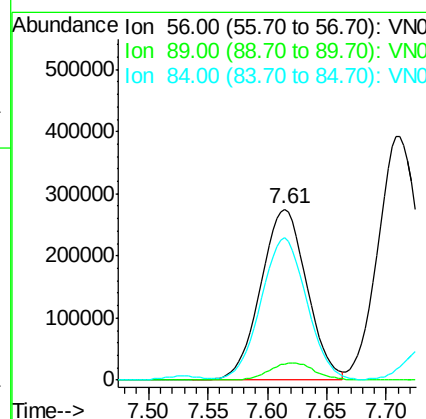
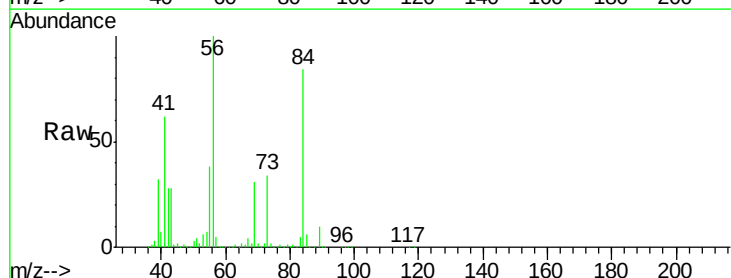
Manual Integrations
APPROVED

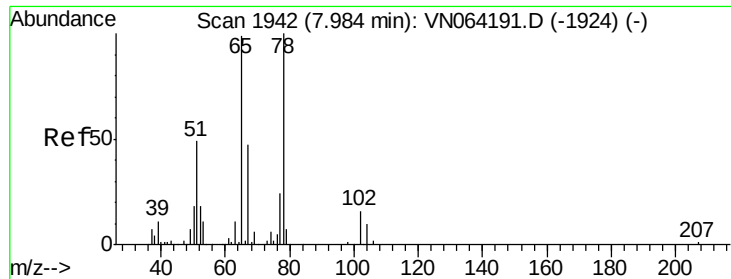
MMDadoda
10/23/2020 2:28:42 PM



#26
Cyclohexane
Concen: 160.404 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	56	Resp	740578
Ion Ratio	100	Lower	Upper
56	100		
89	9.9	21.4	32.0#
84	82.6	65.8	98.6





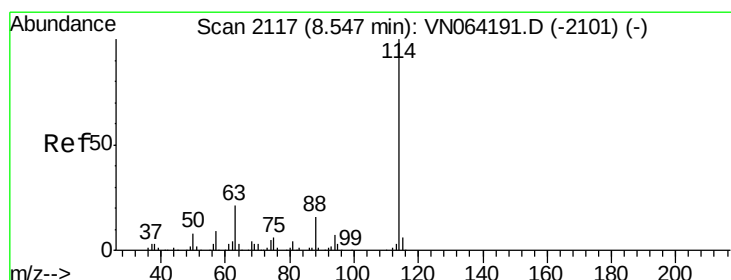
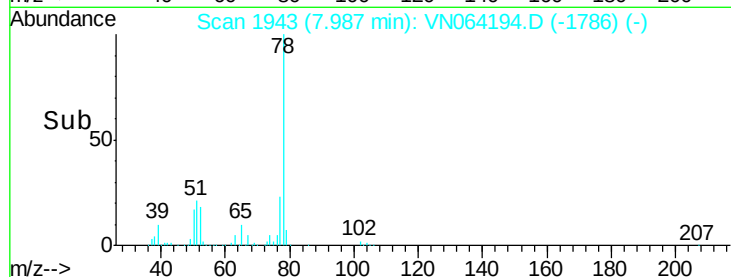
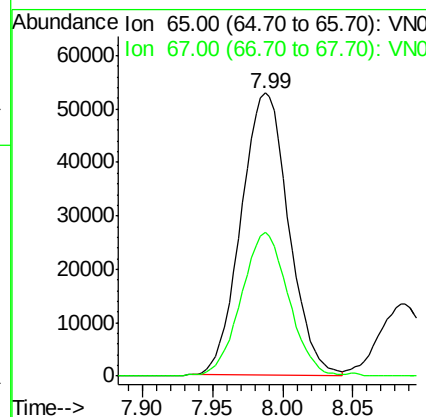
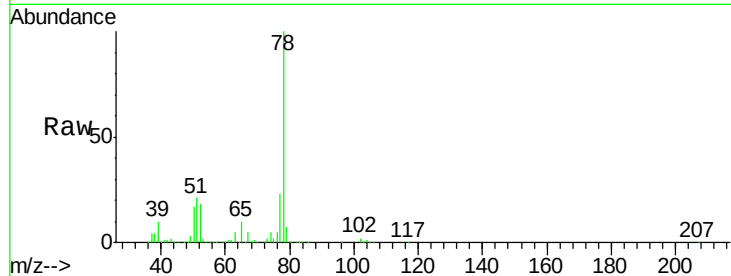
#27
 1,2-Dichloroethane-d4
 Concen: 26.307 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.6	39.8	59.6

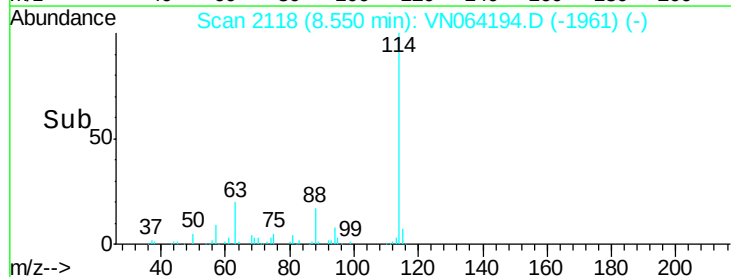
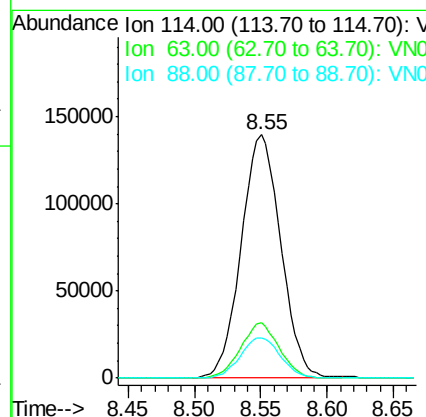
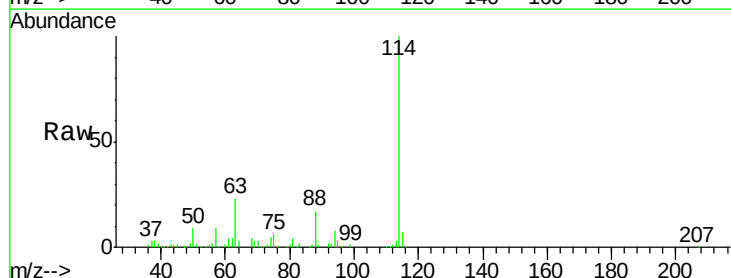
Manual Integrations
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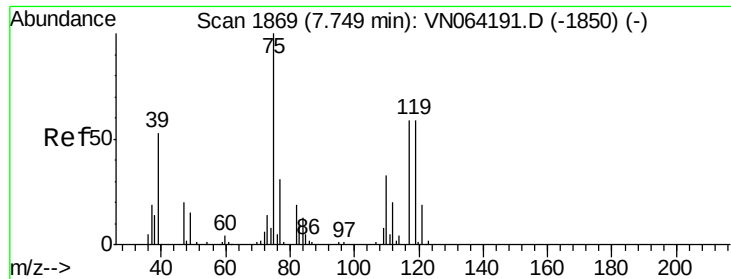
MMDadoda
 10/23/2020 2:28:42 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	17.0	25.4
88	16.7	13.0	19.4





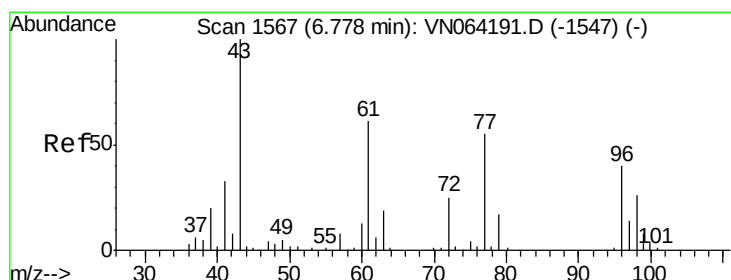
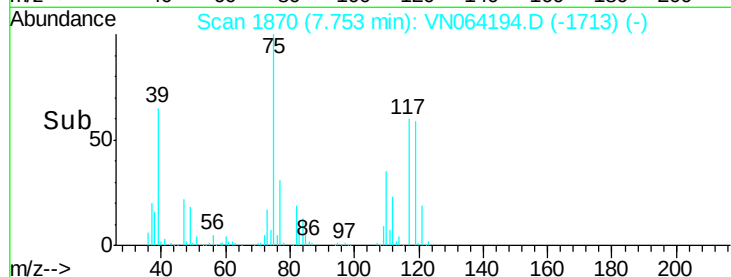
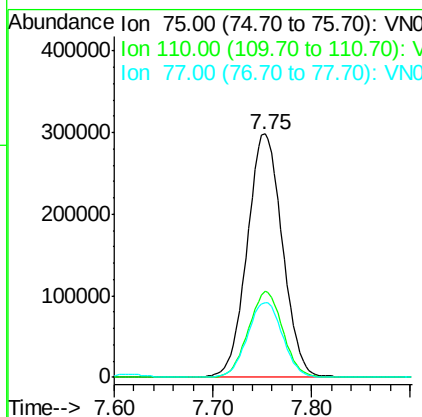
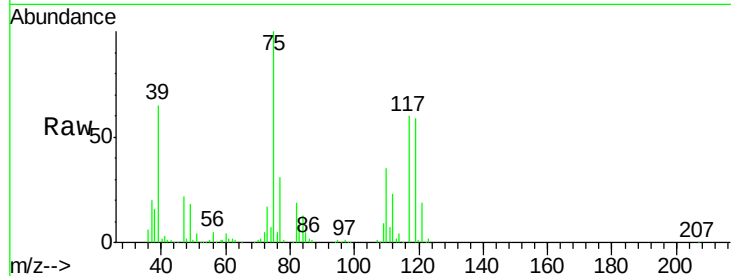
#29
 1,1-Dichloropropene
 Concen: 151.521 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	34.4	0.0	66.8
77	30.7	0.0	63.6

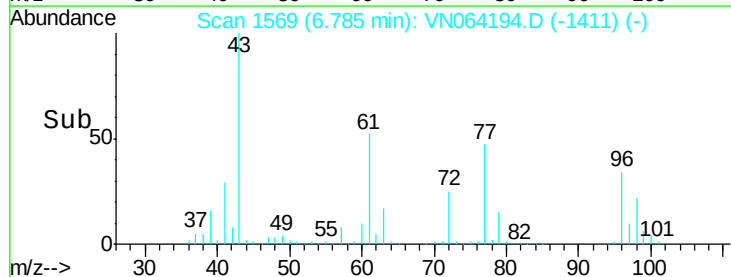
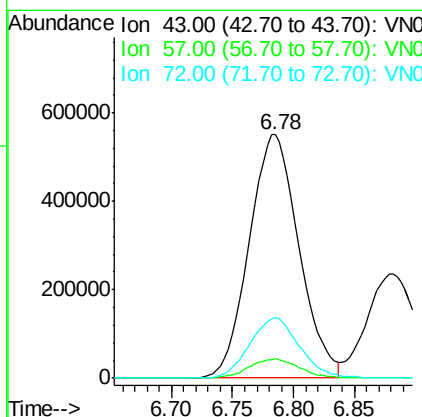
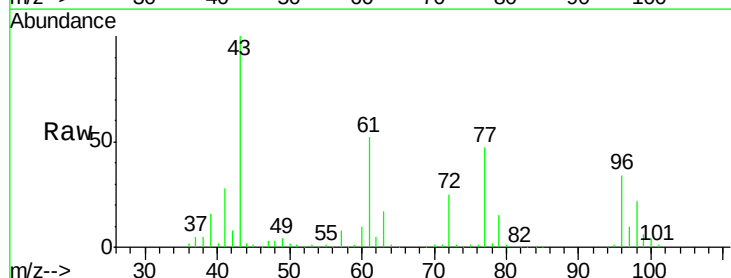
Manual Integrations
 APPROVED

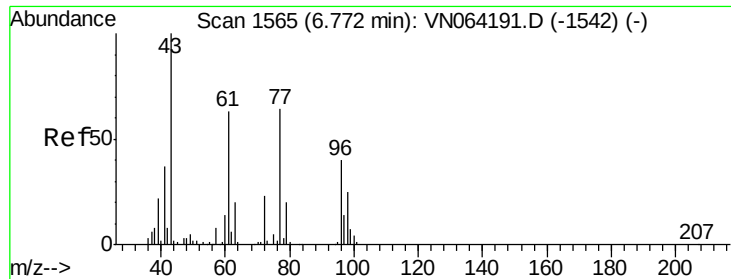
MMDadoda
 10/23/2020 2:28:42 PM



#30
 2-Butanone
 Concen: 675.168 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.1	5.8	8.6
72	25.0	19.8	29.8





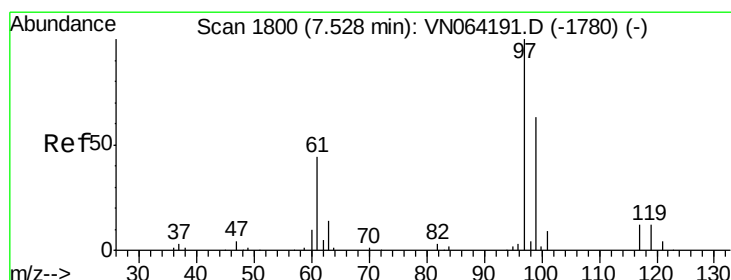
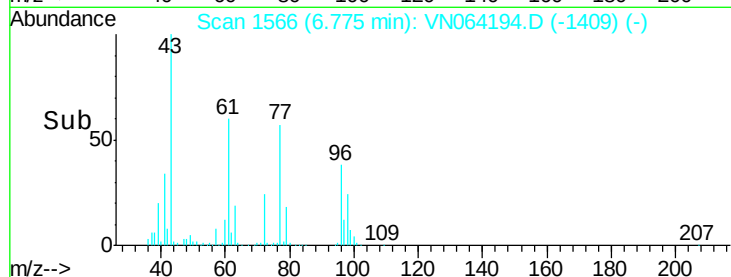
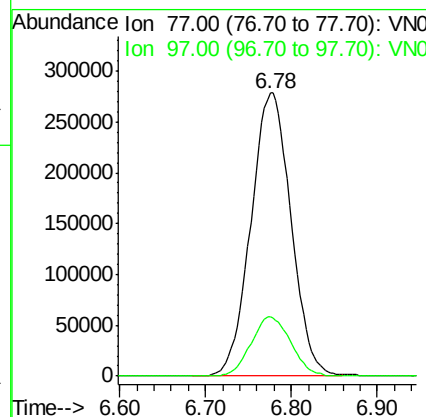
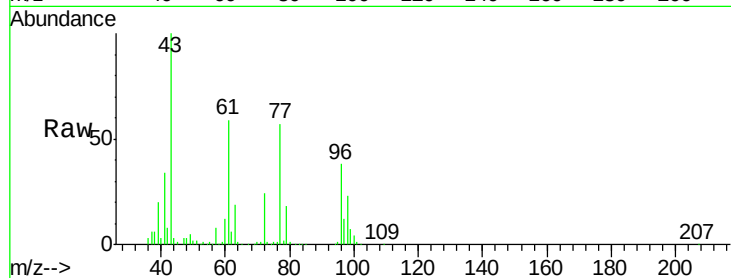
#31
 2,2-Dichloropropane
 Concen: 154.734 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 77 Resp: 903636
 Ion Ratio Lower Upper
 77 100
 97 20.9 17.3 25.9

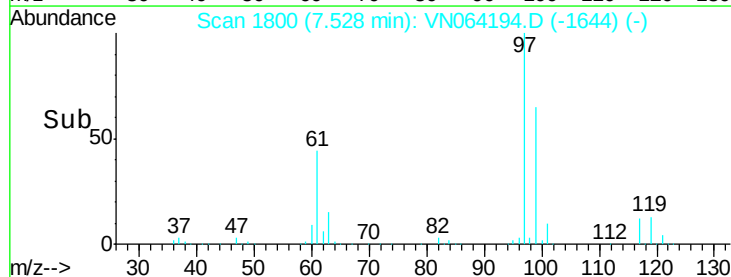
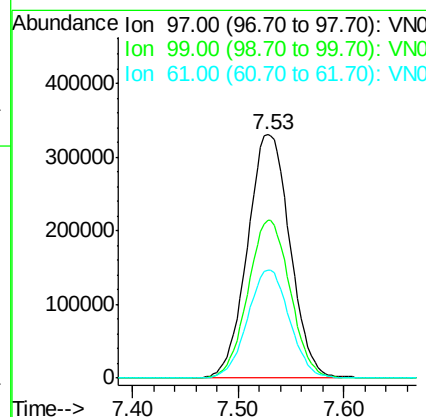
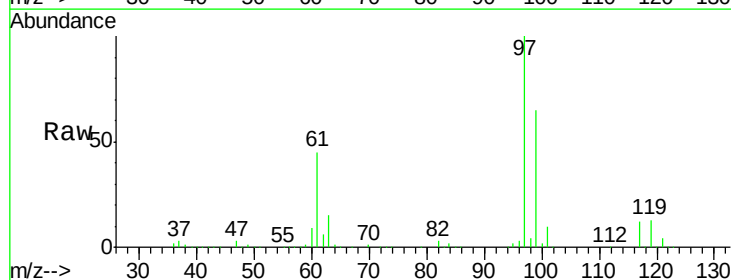
Manual Integrations
 APPROVED

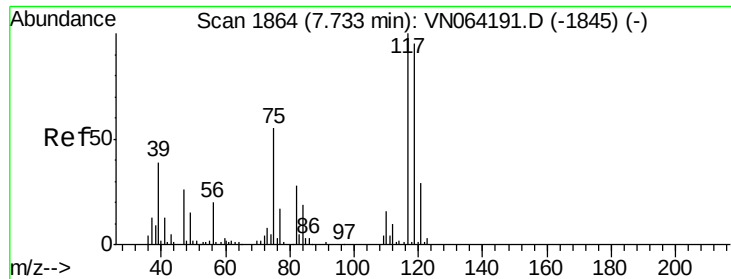
MMDadoda
 10/23/2020 2:28:42 PM



#32
 1,1,1-Trichloroethane
 Concen: 150.623 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion: 97 Resp: 926127
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.3 76.9
 61 43.7 34.8 52.2





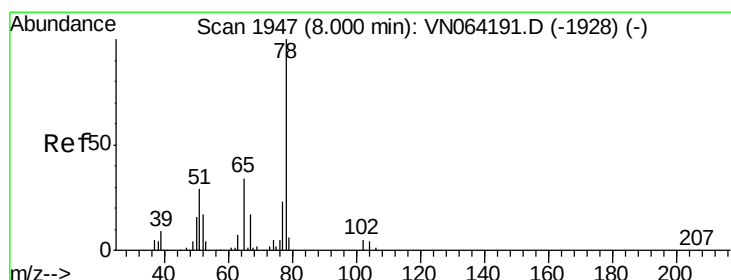
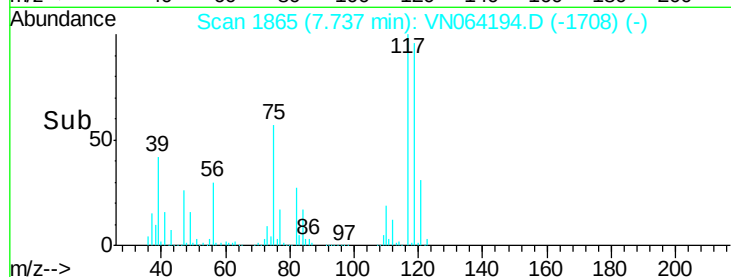
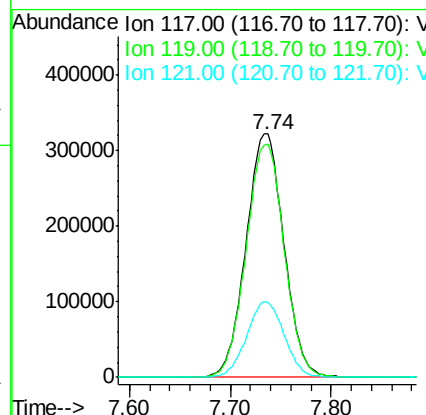
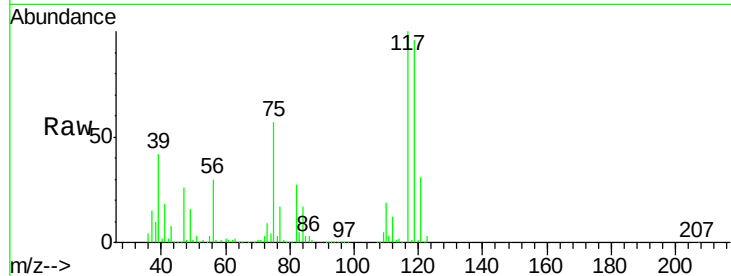
#33
Carbon Tetrachloride
Concen: 153.962 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
121	30.9	23.0	34.6

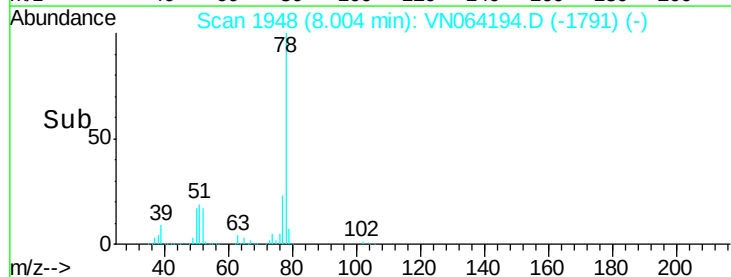
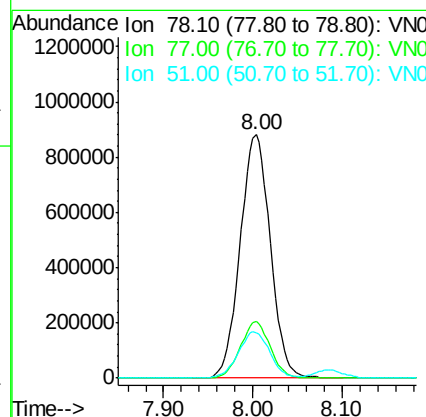
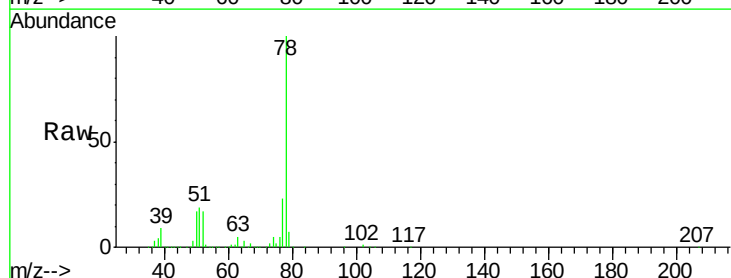
Manual Integrations
APPROVED

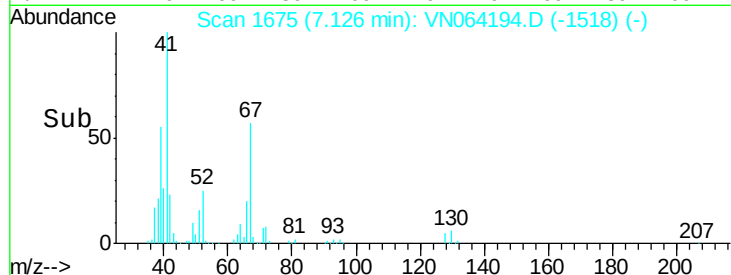
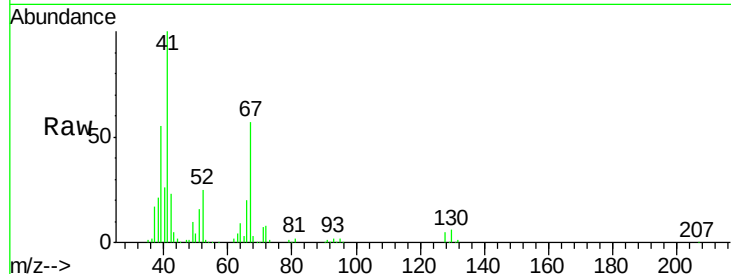
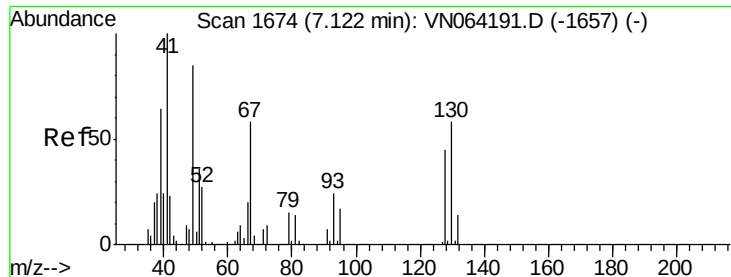
MMDadoda
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#34
Benzene
Concen: 151.364 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.4	27.6
51	18.7	23.0	34.6#





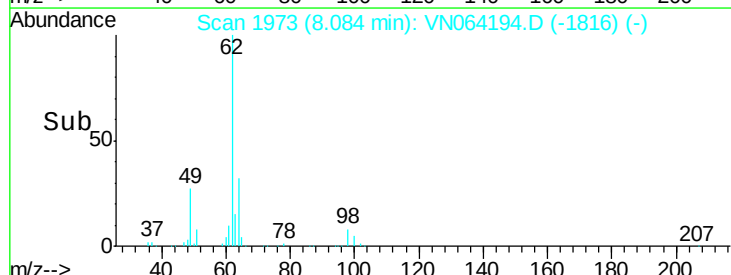
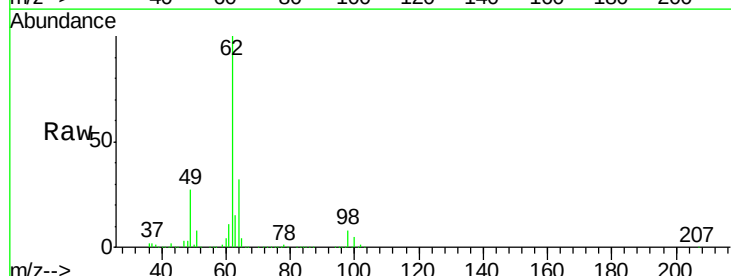
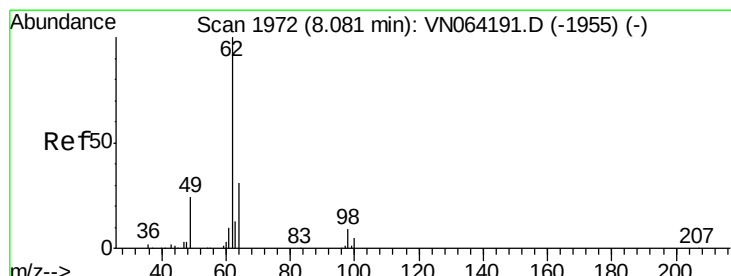
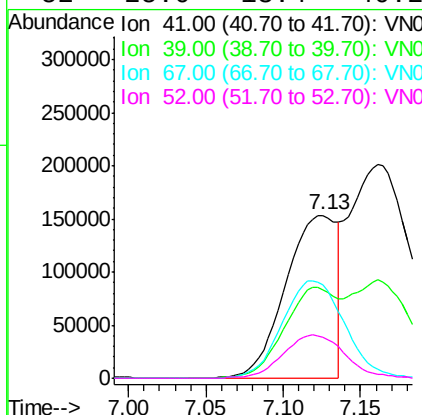
#35
Methacrylonitrile
Concen: 156.066 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		352466		
39	54.6	32.1	96.3		
67	57.3	28.9	86.8		
52	25.0	13.4	40.2		

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

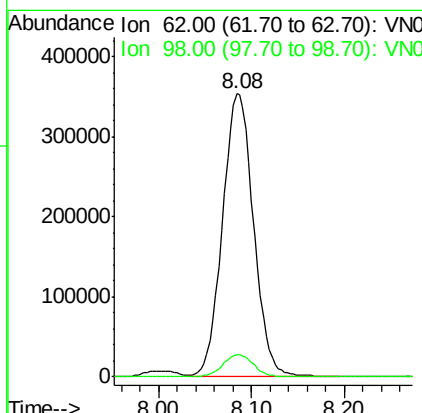
Manual Integrations
APPROVED

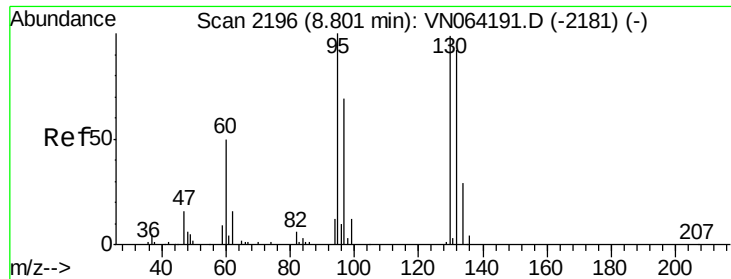
MMDadoda
10/23/2020 2:28:42 PM



#36
1,2-Dichloroethane
Concen: 138.514 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		821804		
98	7.8	6.3	9.5		





#37

Trichloroethene

Concen: 155.327 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 564325

Ion Ratio Lower Upper

130 100

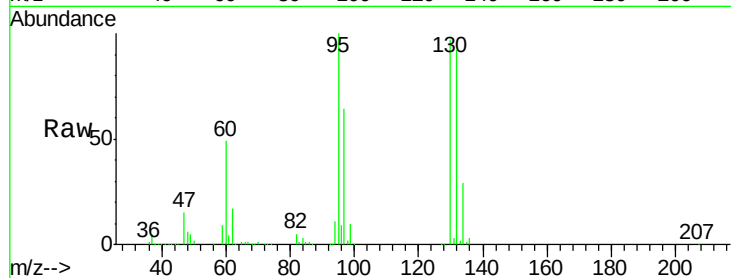
95 102.6 81.0 121.4

Manual Integrations

APPROVED

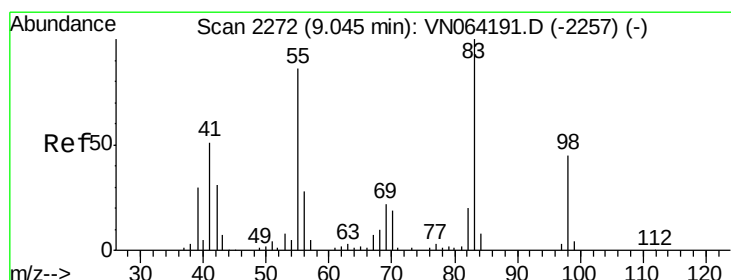
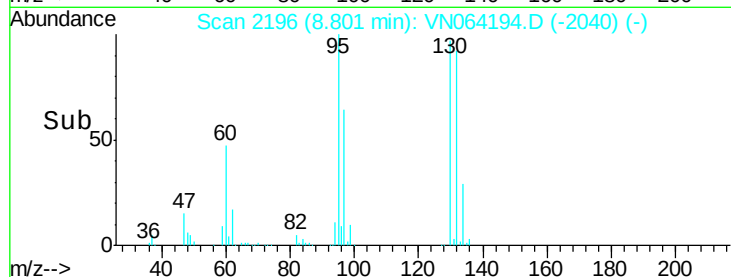
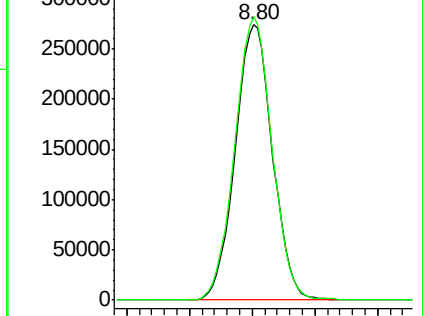
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VNO



#38

Methylcyclohexane

Concen: 164.236 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

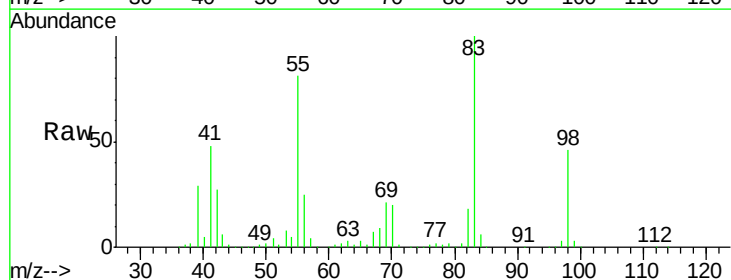
Tgt Ion: 83 Resp: 687379

Ion Ratio Lower Upper

83 100

55 80.3 40.3 120.9

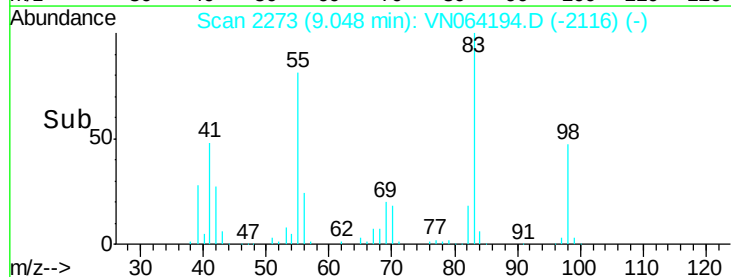
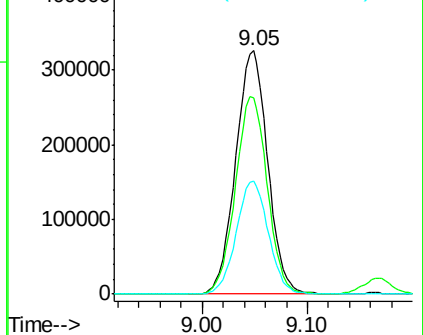
98 46.5 22.4 67.0

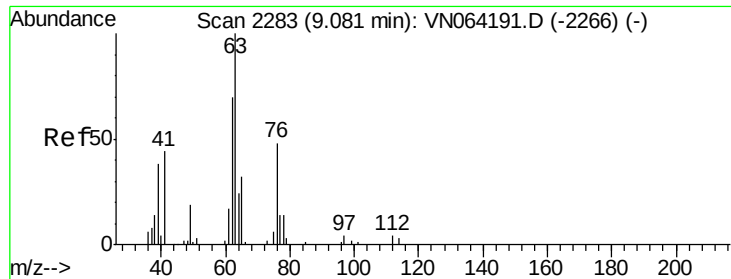


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





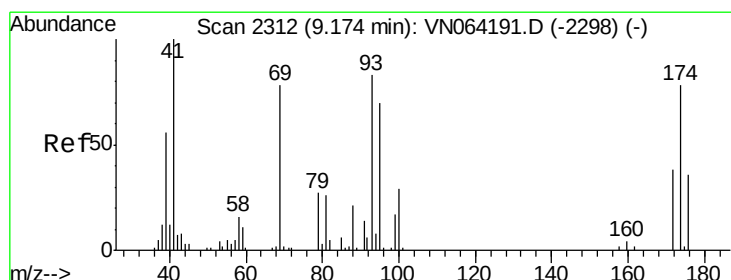
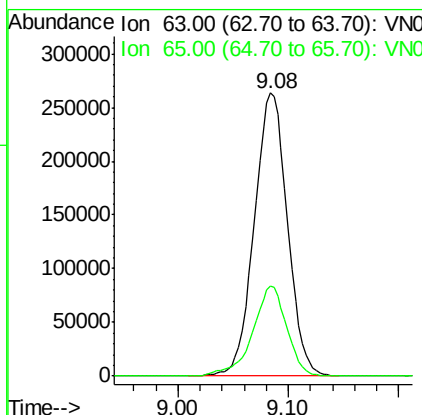
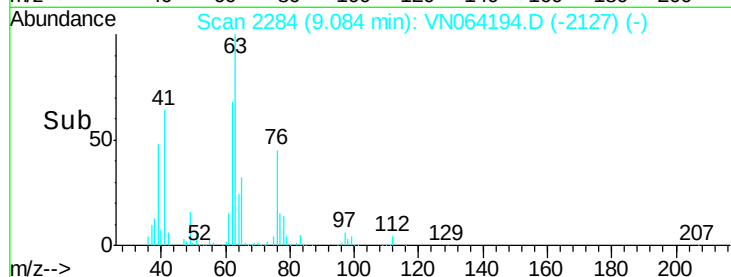
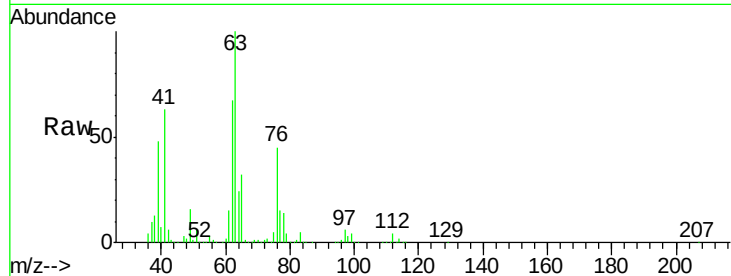
#39
 1,2-Dichloropropane
 Concen: 148.692 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.5	39.7

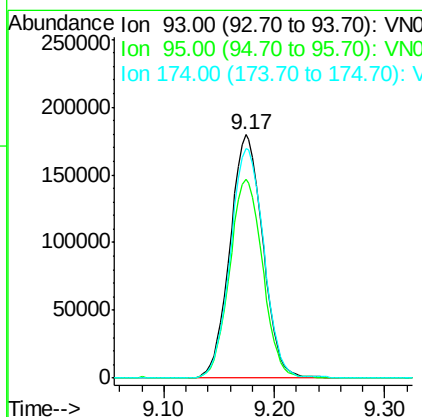
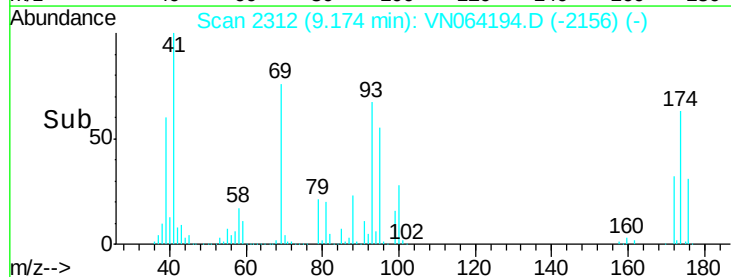
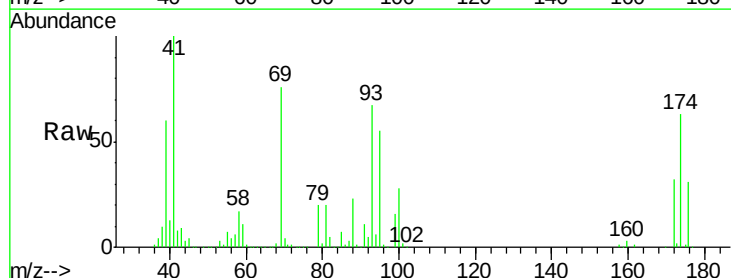
Manual Integrations
 APPROVED

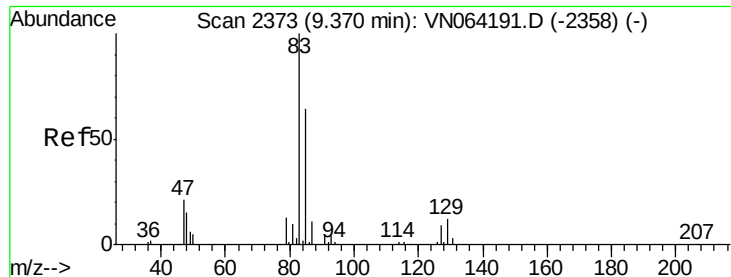
MMDadoda
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#40
 Dibromomethane
 Concen: 144.911 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	0.0	169.2
174	95.5	0.0	187.4





#41

Bromodichloromethane

Concen: 151.201 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

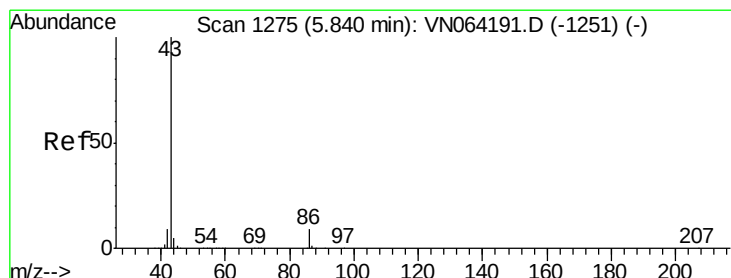
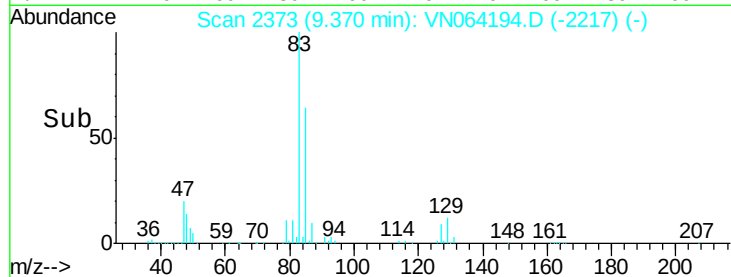
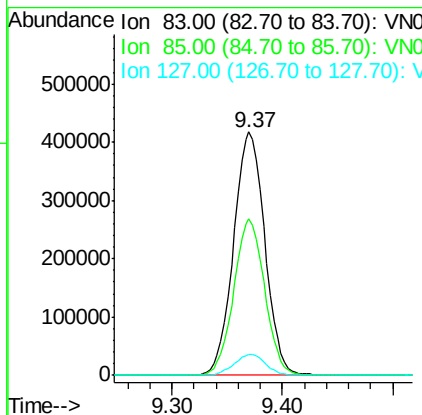
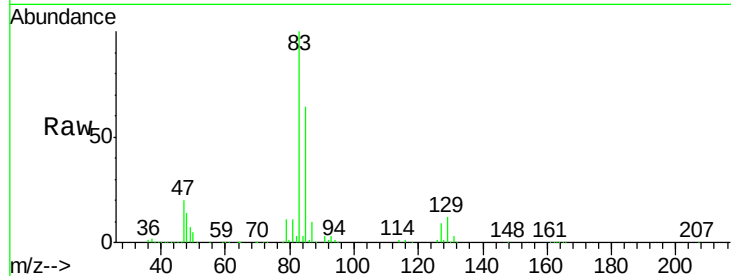
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	819523
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.5	77.3
127	8.7	6.8	10.2

Manual Integrations
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10/23/2020 2:28:42 PM



#42

Vinyl Acetate

Concen: 736.682 ug/l

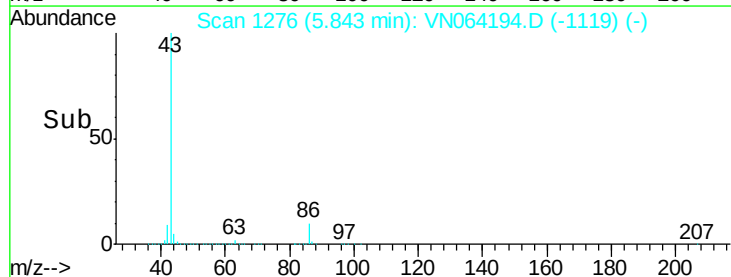
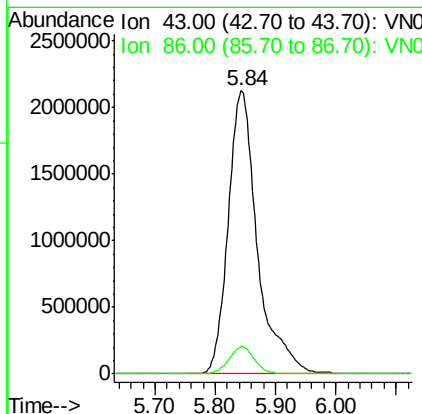
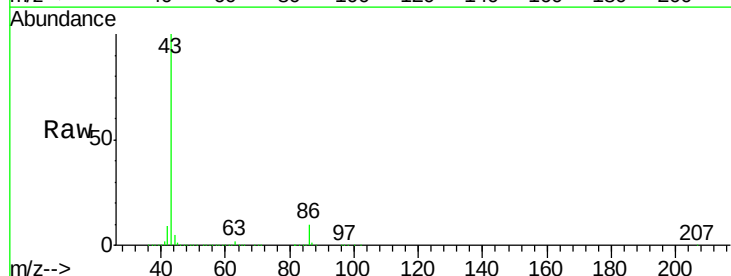
RT: 5.84 min Scan# 1276

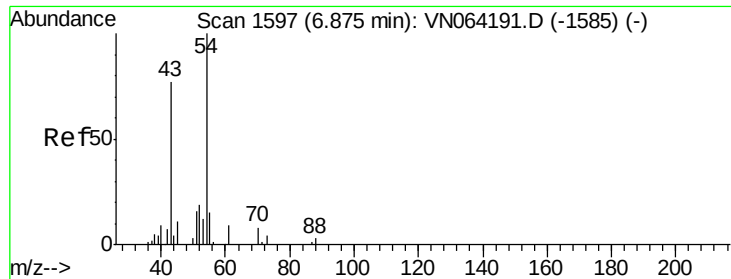
Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Tgt Ion:	43	Resp:	7202018
Ion Ratio	Lower	Upper	
43	100		
86	8.5	6.7	10.1





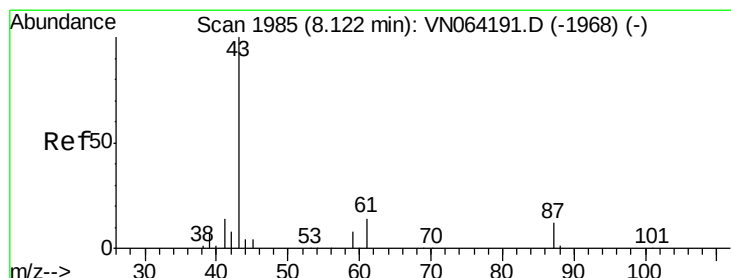
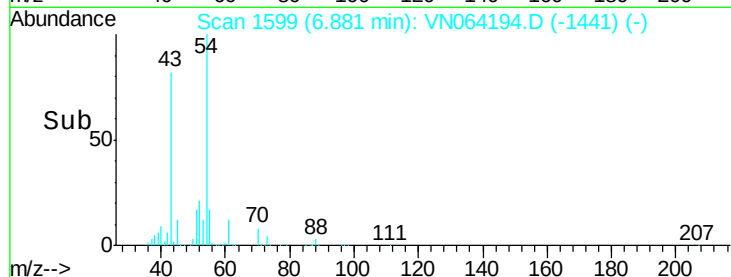
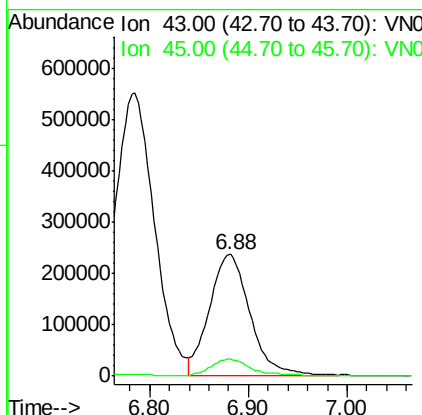
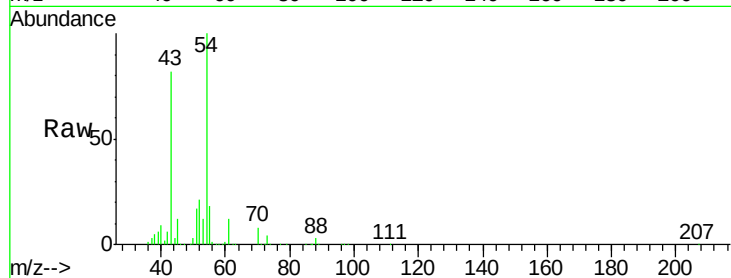
#43
Ethyl Acetate
Concen: 134.148 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 668046
Ion Ratio Lower Upper
43 100
45 14.3 9.8 14.8

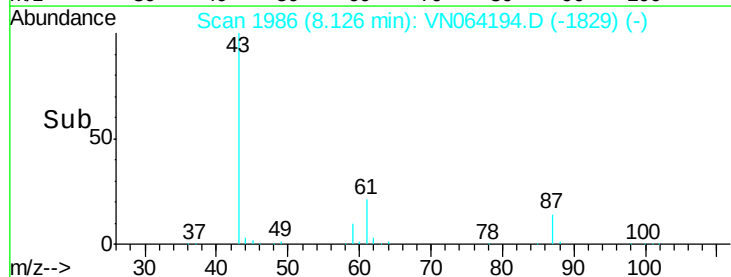
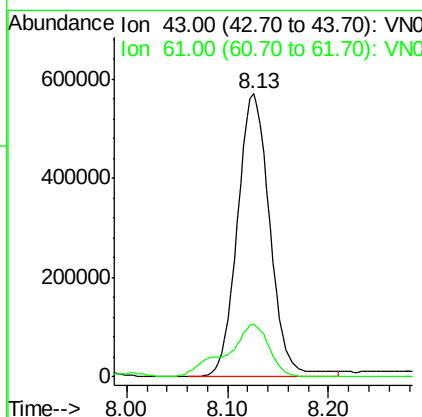
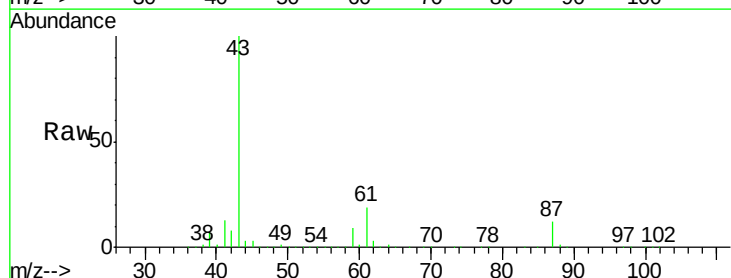
Manual Integrations
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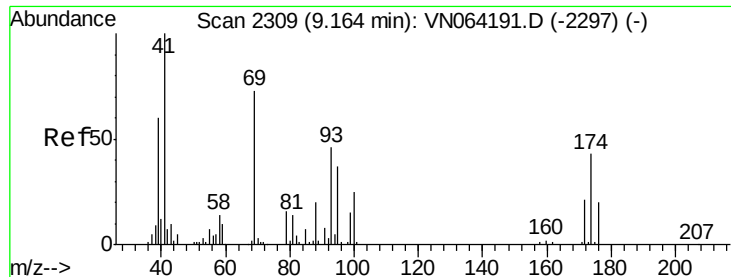
MMDadoda
10/23/2020 2:28:42 PM



#44
Isopropyl Acetate
Concen: 151.169 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion: 43 Resp: 1270328
Ion Ratio Lower Upper
43 100
61 24.5 18.7 28.1





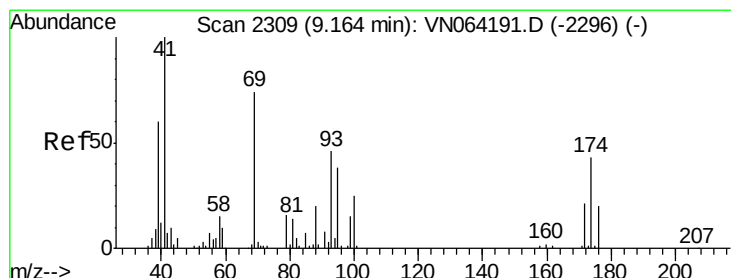
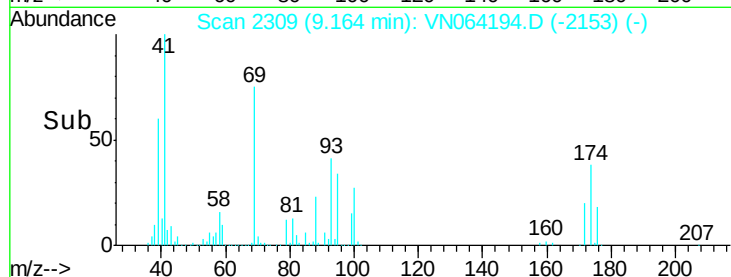
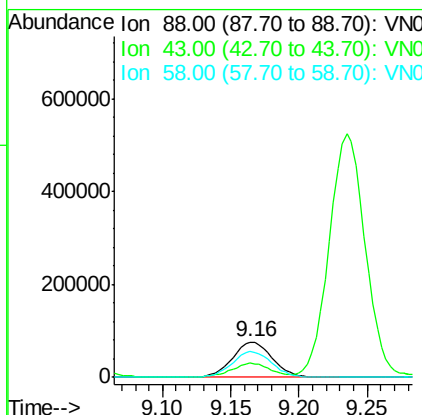
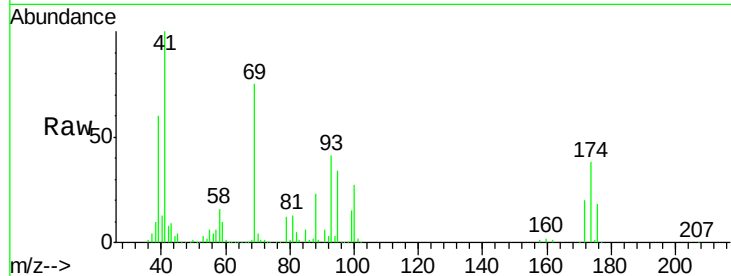
#45
 1,4-Dioxane
 Concen: 2934.776 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	37.0	55.4#
58	73.1	62.4	93.6

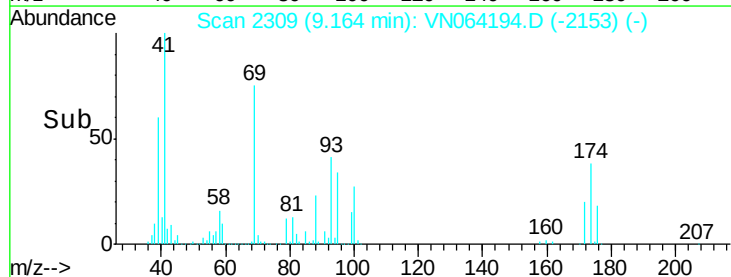
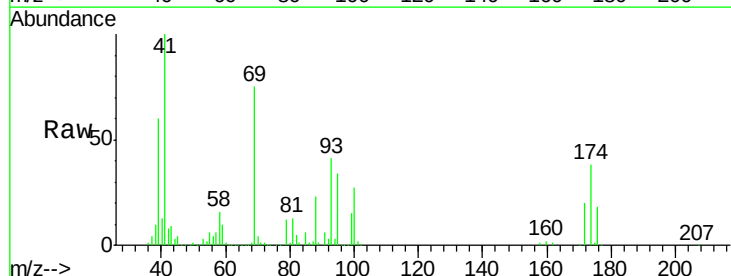
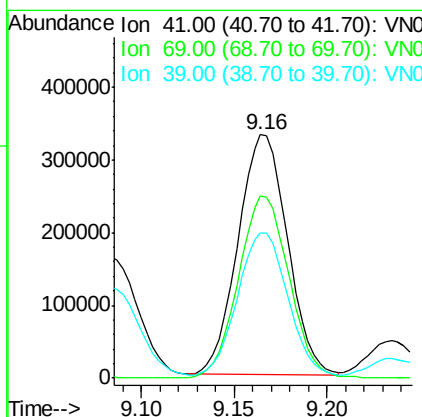
Manual Integrations
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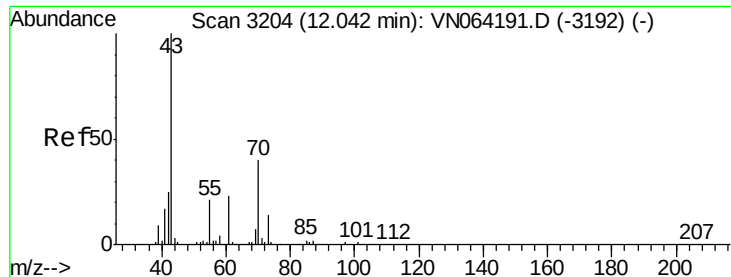
MMDadoda
 10/23/2020 2:28:42 PM



#46
 Methyl methacrylate
 Concen: 148.170 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.6	36.8	110.4
39	59.1	30.4	91.2





#47

n-amvl Acetate

Concen: 154.617 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1157707

Ion Ratio Lower Upper

43 100

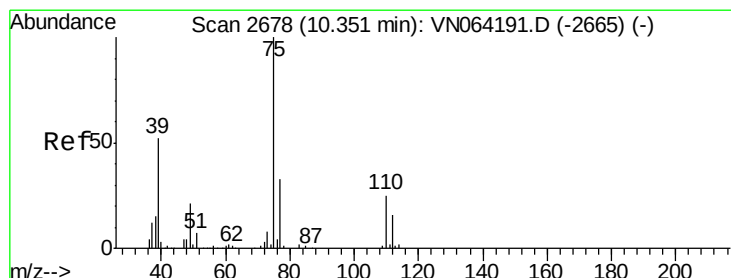
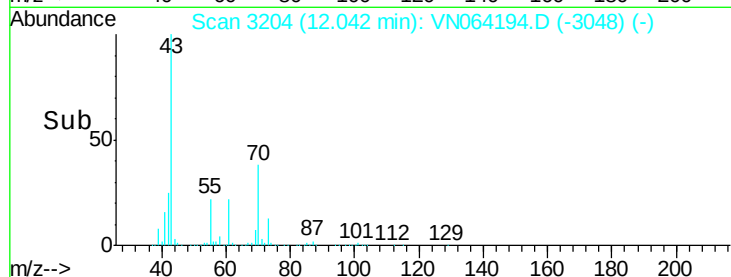
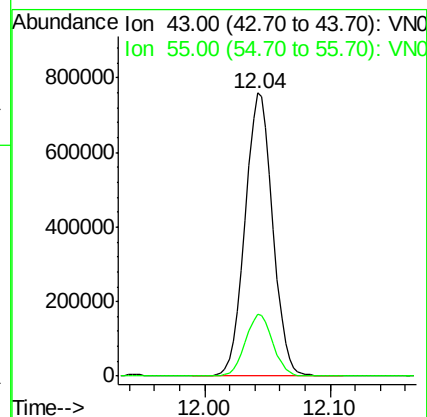
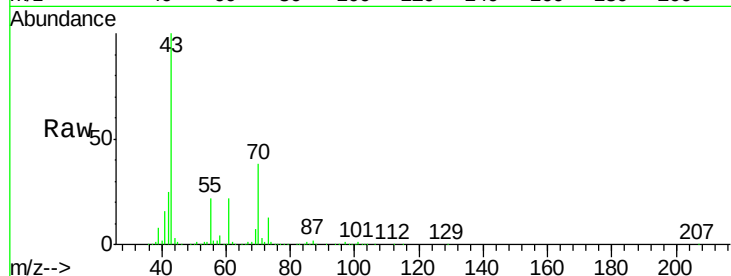
55 21.7 17.6 26.4

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 160.186 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064194.D

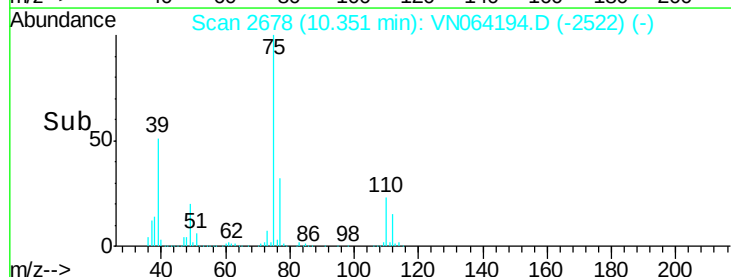
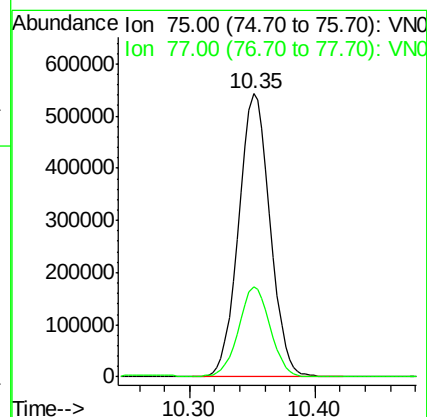
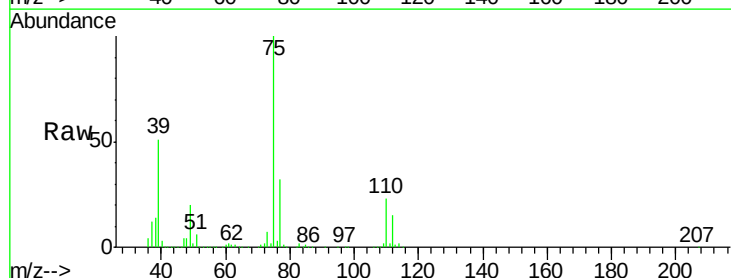
Acq: 20 Oct 2020 11:35

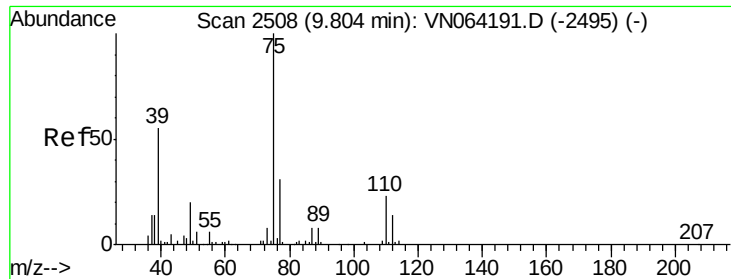
Tgt Ion: 75 Resp: 944496

Ion Ratio Lower Upper

75 100

77 31.5 27.4 41.2





#49

cis-1,3-Dichloropropene

Concen: 157.984 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

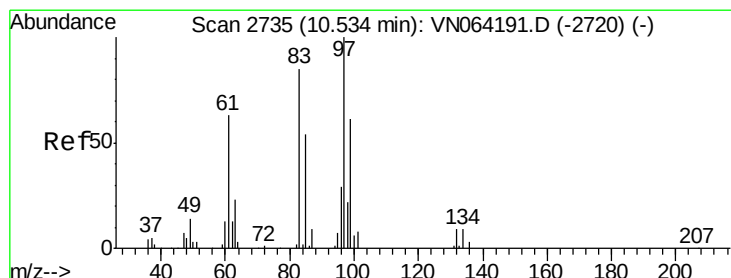
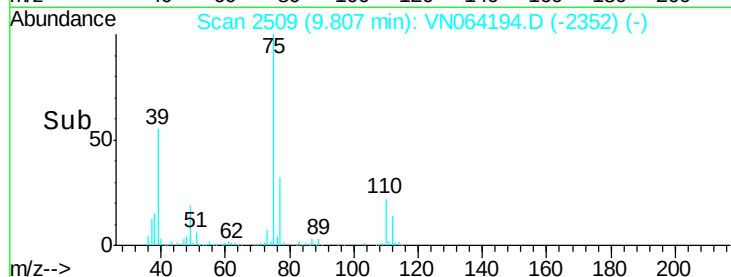
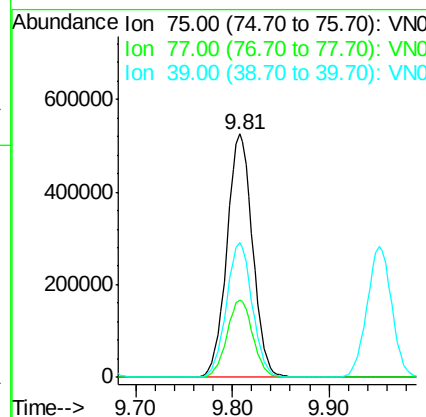
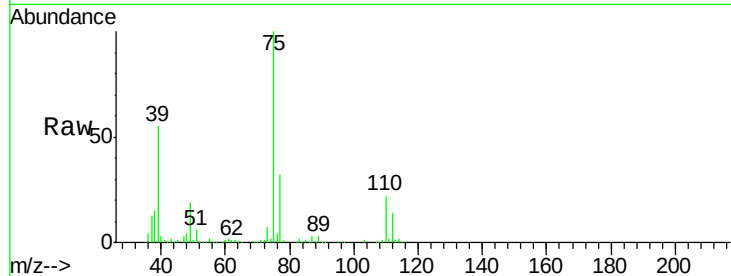
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	968044
Ion Ratio		Lower	Upper
75	100		
77	32.0	24.5	36.7
39	55.3	43.8	65.8

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 146.431 ug/l

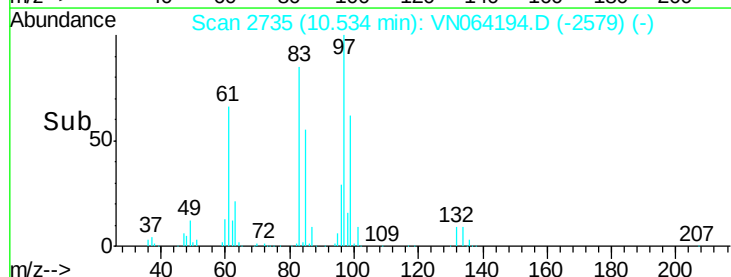
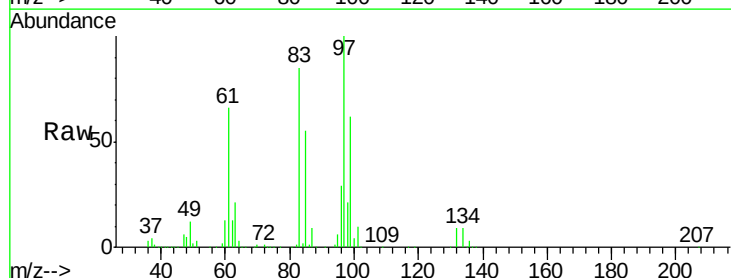
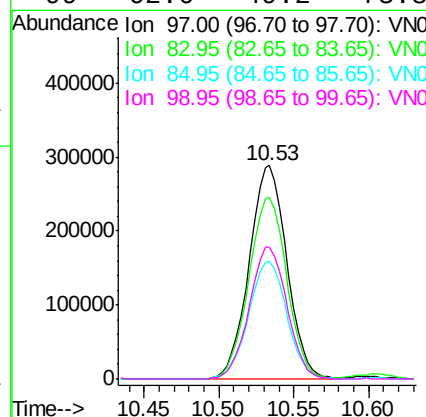
RT: 10.53 min Scan# 2735

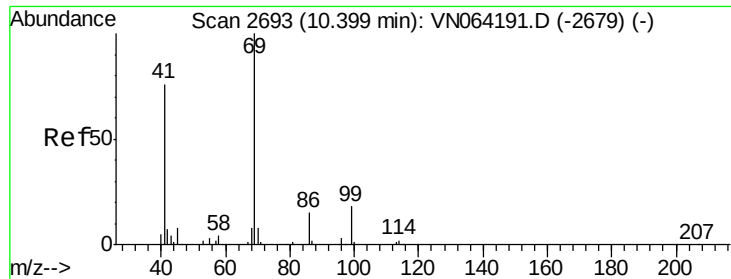
Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Tgt Ion:	97	Resp:	507939
Ion Ratio		Lower	Upper
97	100		
83	85.0	67.7	101.5
85	54.9	43.2	64.8
99	62.0	49.2	73.8





#51

Ethyl methacrylate

Concen: 158.957 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

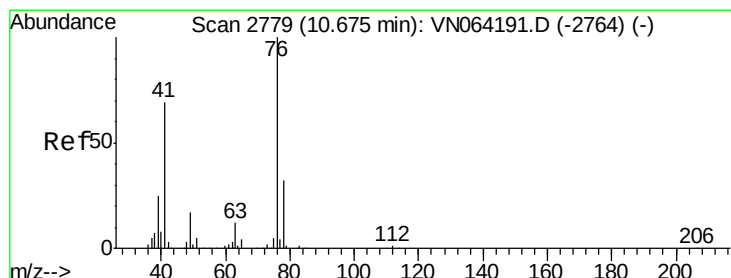
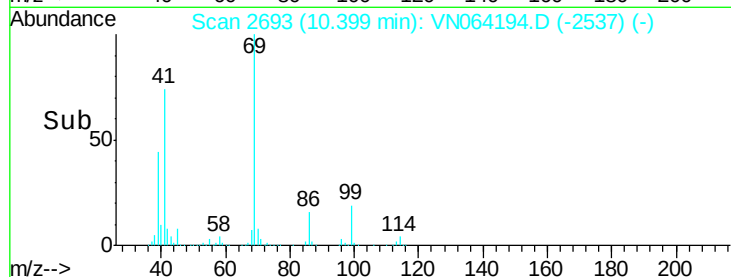
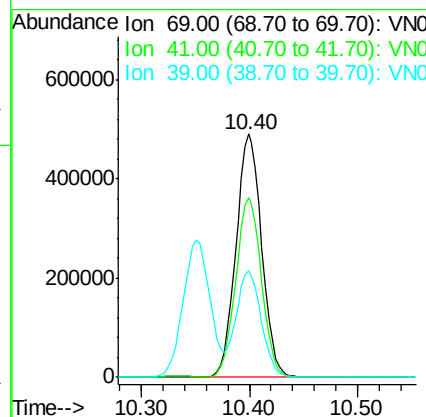
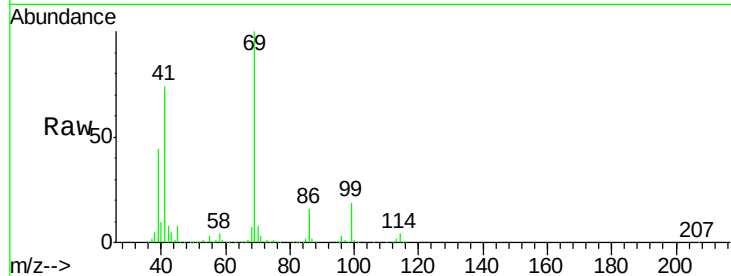
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	812491
Ion Ratio	Lower	Upper	
69	100		
41	73.7	38.0	114.1
39	43.7	21.4	64.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 148.578 ug/l

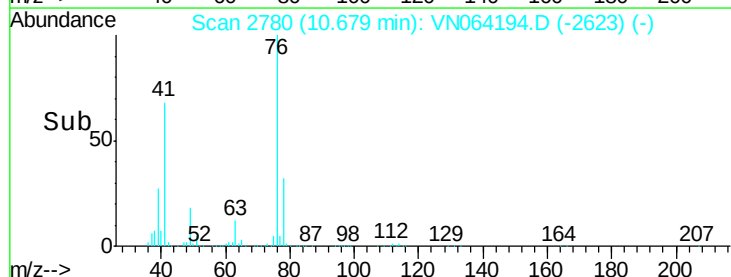
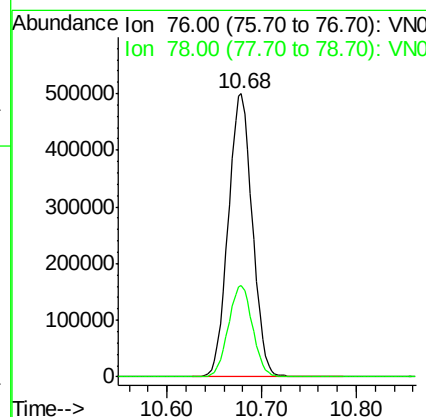
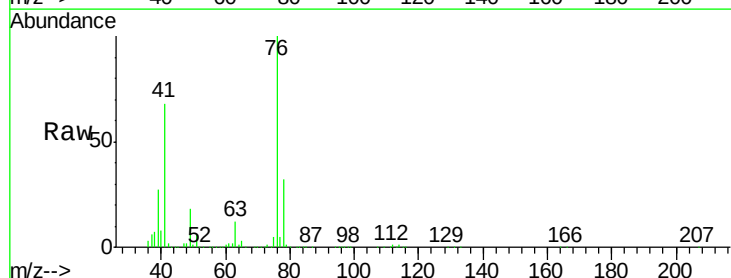
RT: 10.68 min Scan# 2780

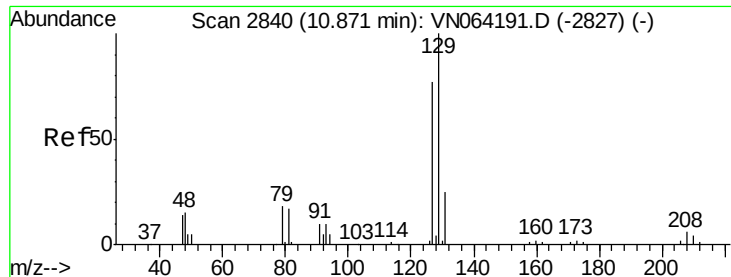
Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Tgt Ion:	76	Resp:	882967
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	64.4





#53

Dibromochloromethane

Concen: 159.798 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 644165

Ion Ratio Lower Upper

129 100

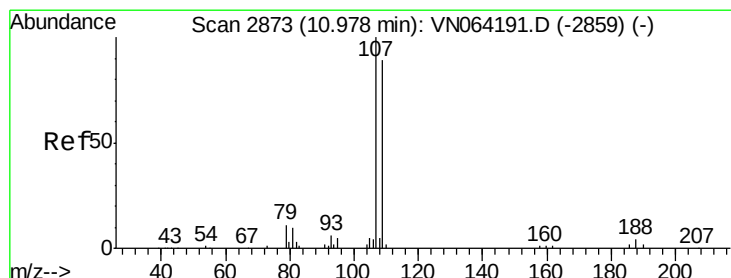
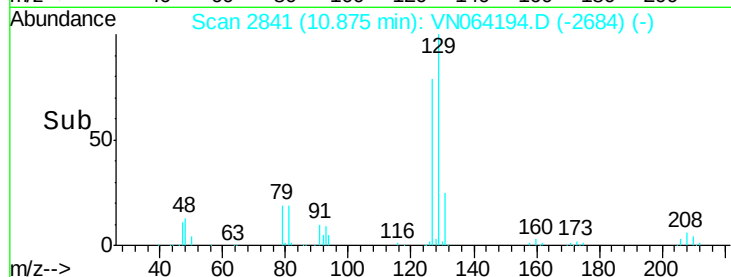
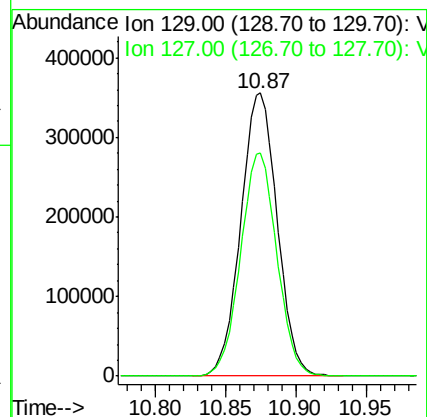
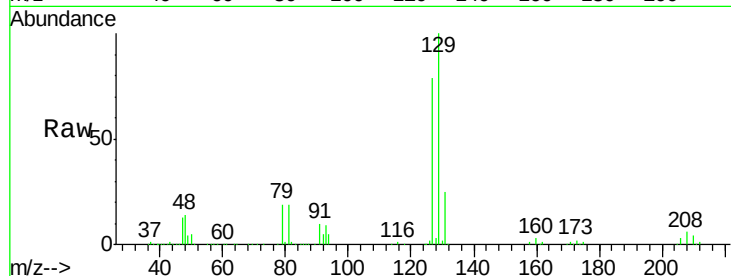
127 78.6 39.0 117.0

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 152.178 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064194.D

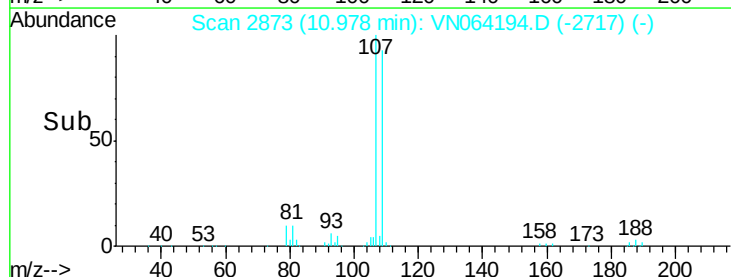
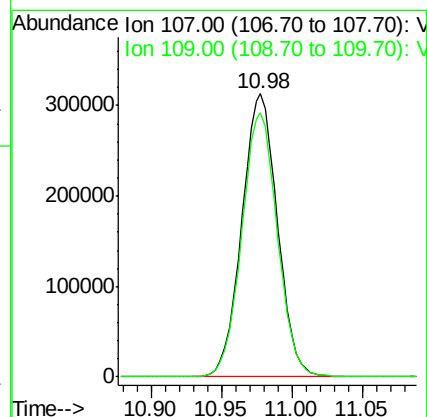
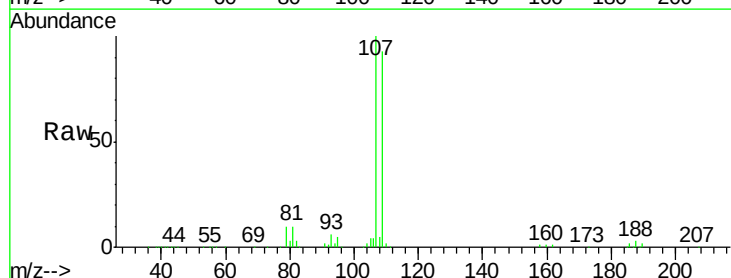
Acq: 20 Oct 2020 11:35

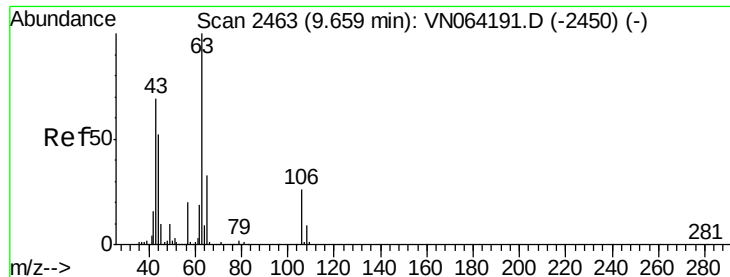
Tgt Ion:107 Resp: 552599

Ion Ratio Lower Upper

107 100

109 93.5 71.8 107.8





#55

2-Chloroethyl vinyl ether

Concen: 743.783 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 2040652

Ion Ratio Lower Upper

63 100

65 32.4 25.9 38.9

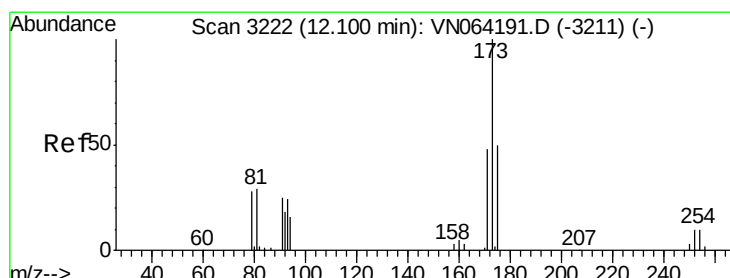
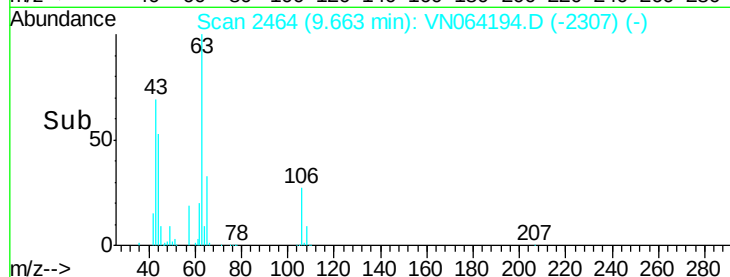
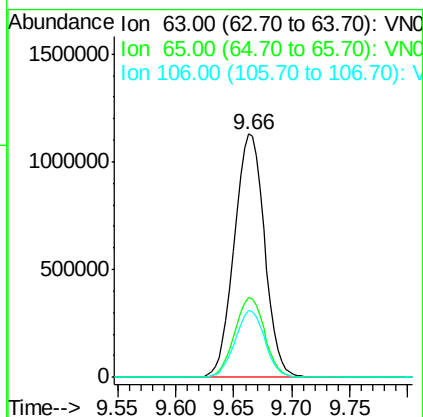
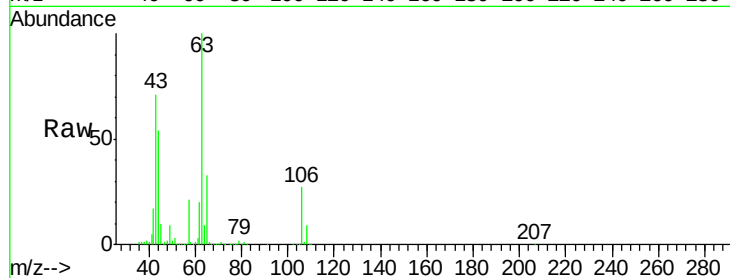
106 26.9 21.4 32.2

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#56

Bromoform

Concen: 166.199 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

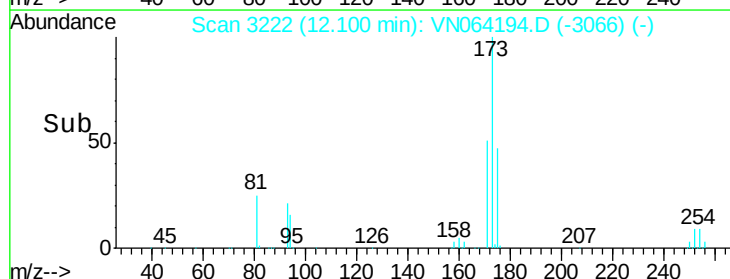
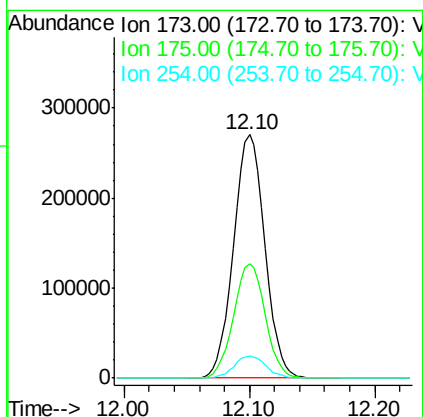
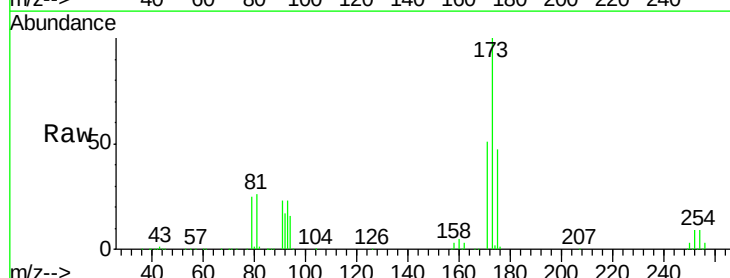
Tgt Ion: 173 Resp: 469329

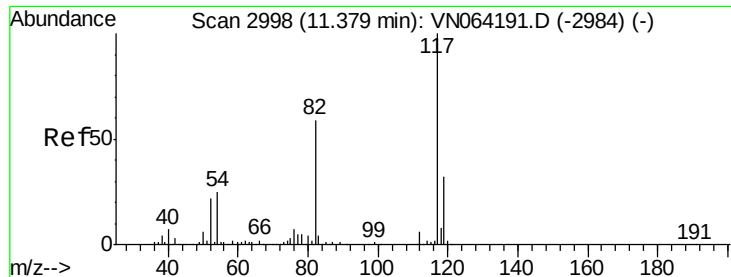
Ion Ratio Lower Upper

173 100

175 47.6 39.0 58.4

254 9.2 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

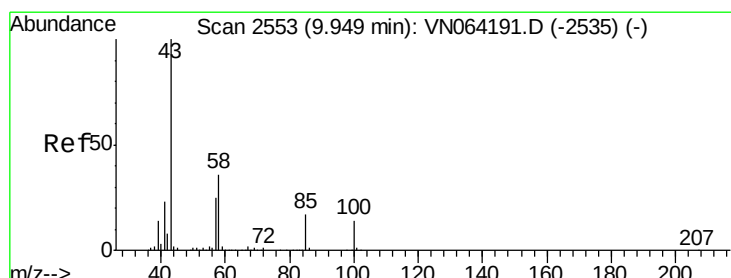
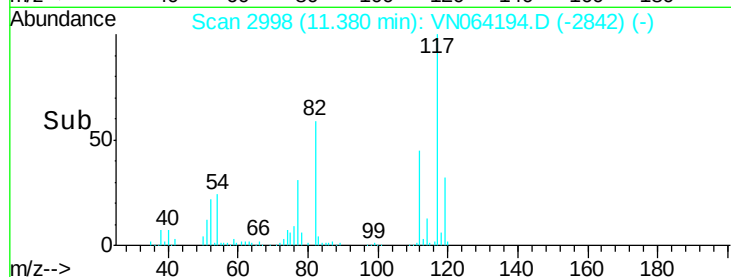
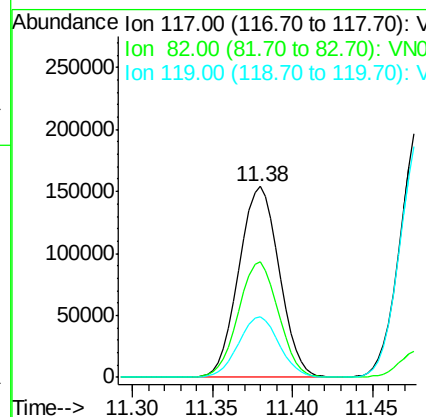
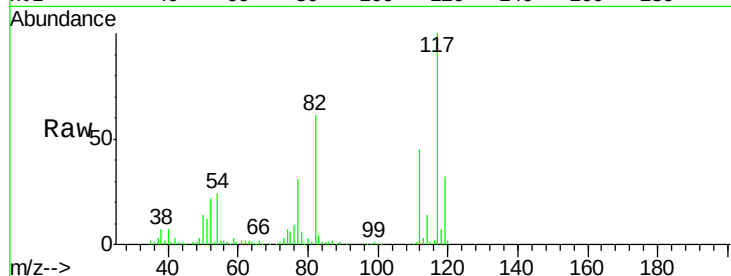
ClientSampleId :

VSTDIC150

Tot Ion:	117	Resp:	266802
Ion Ratio	Lower	Upper	
117	100		
82	59.9	47.8	71.8
119	31.9	25.7	38.5

Manual Integrations
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#58

4-Methyl-2-Pentanone

Concen: 697.427 ug/l

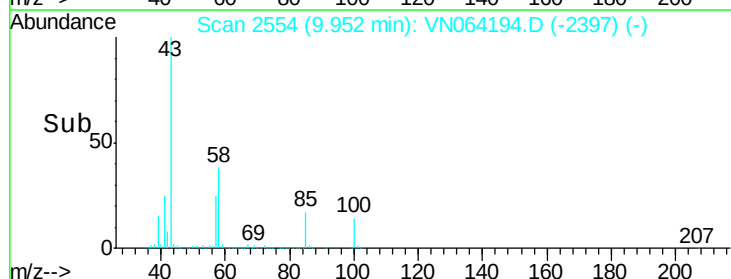
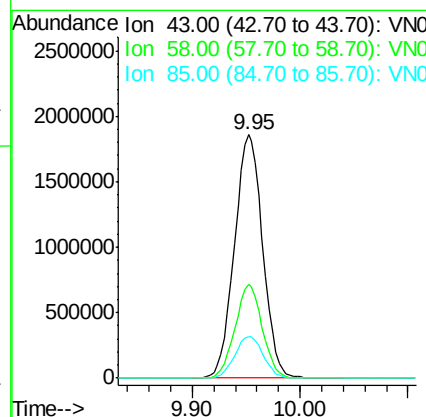
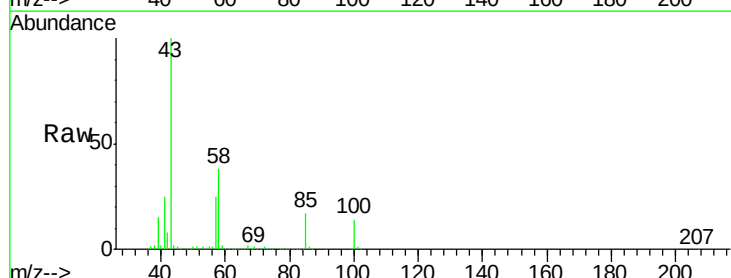
RT: 9.95 min Scan# 2554

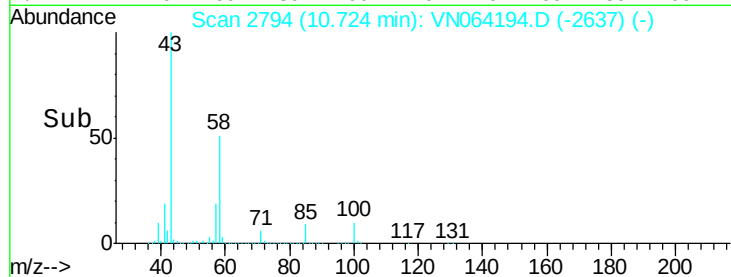
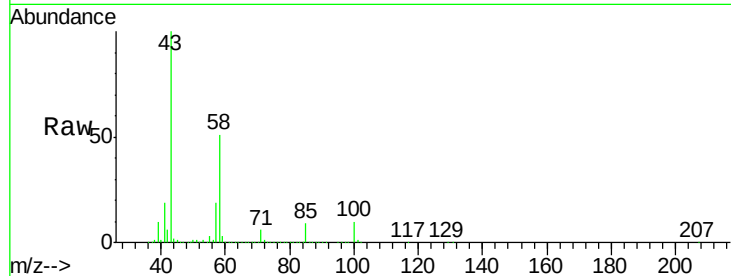
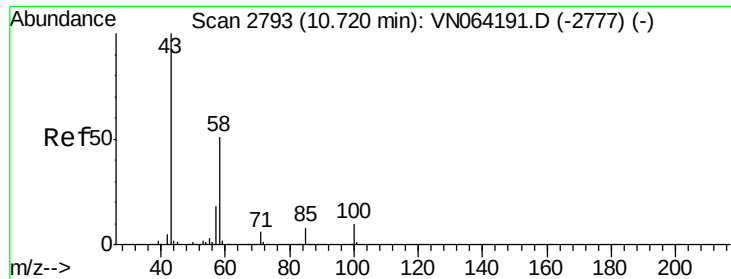
Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Tgt Ion:	43	Resp:	3382459
Ion Ratio	Lower	Upper	
43	100		
58	37.3	29.5	44.3
85	17.3	13.7	20.5





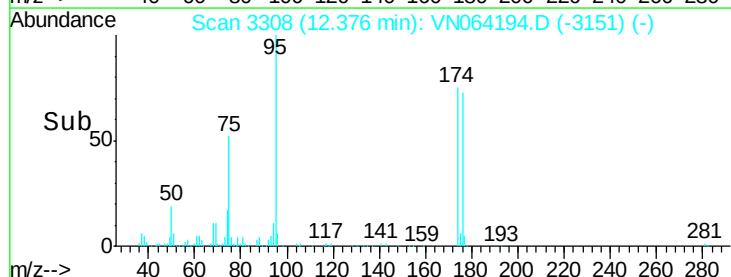
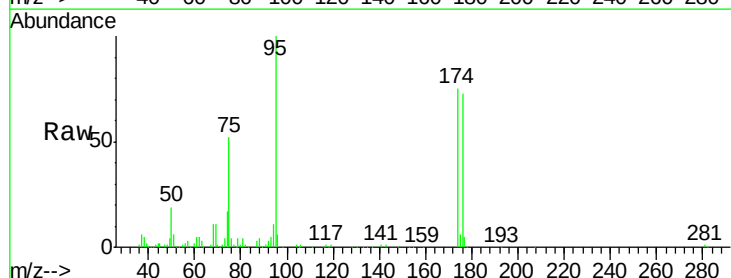
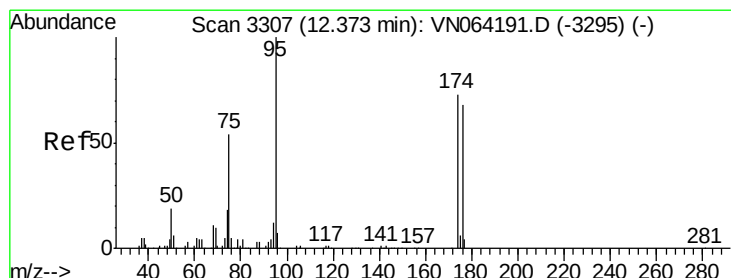
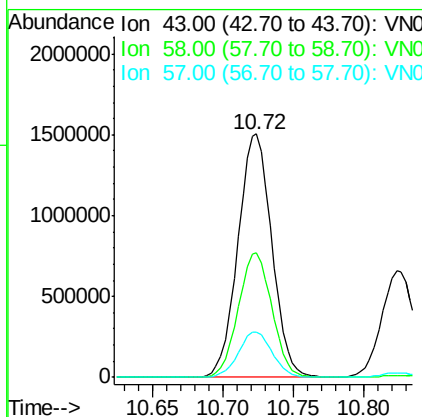
#59
2-Hexanone
Concen: 696.827 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tot Ion: 43 Resp: 2526323
Ion Ratio Lower Upper
43 100
58 51.1 40.2 60.4
57 18.8 14.8 22.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

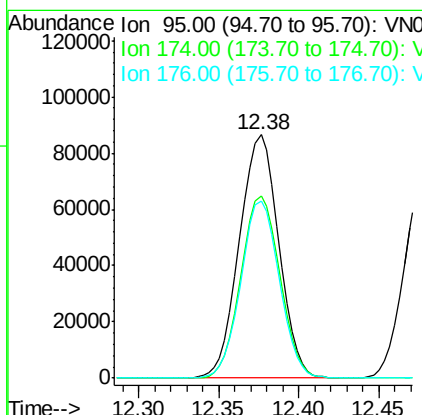
Manual Integrations
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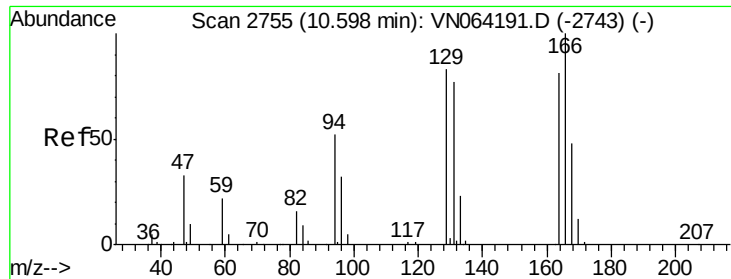
MMDadoda
10/23/2020 2:28:42 PM



#60
4-Bromofluorobenzene
Concen: 31.214 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion: 95 Resp: 145158
Ion Ratio Lower Upper
95 100
174 74.5 57.6 86.4
176 71.2 54.9 82.3





#61

Tetrachloroethene

Concen: 159.332 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 521722

Ion Ratio Lower Upper

164 100

166 128.3 99.2 148.8

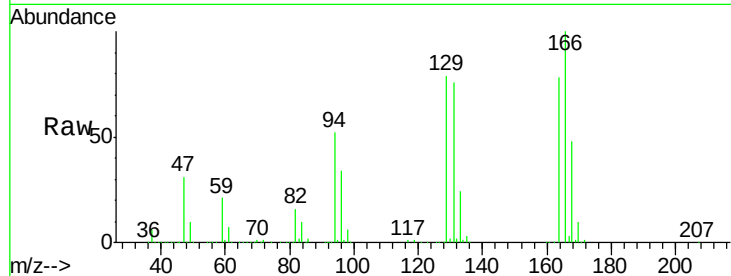
129 101.8 82.8 124.2

131 97.1 76.2 114.4

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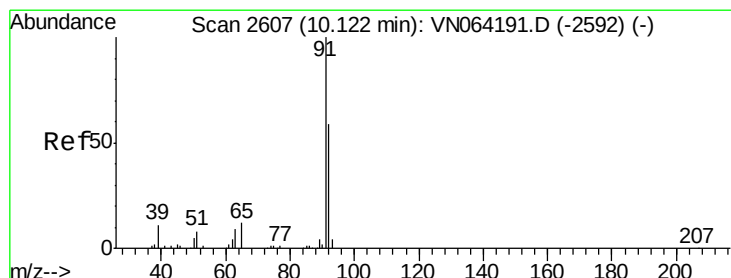
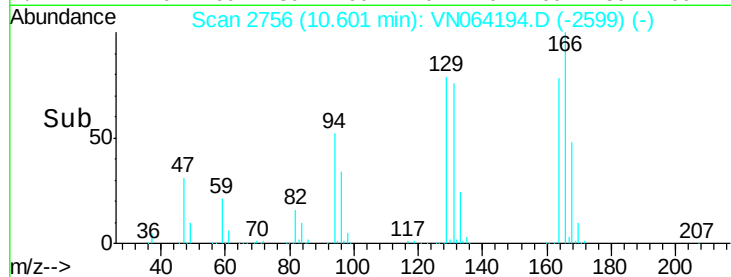
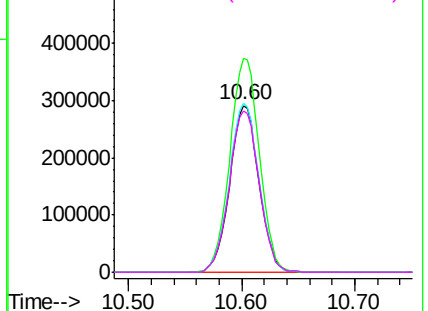


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 154.520 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064194.D

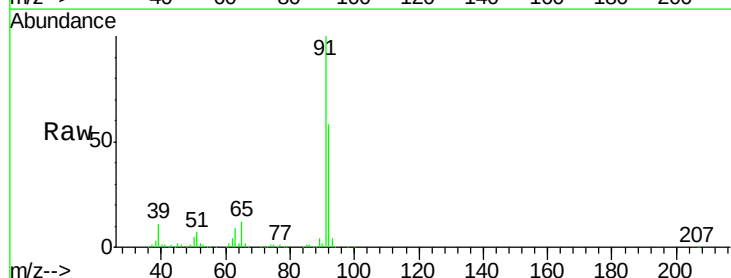
Acq: 20 Oct 2020 11:35

Tgt Ion: 91 Resp: 2283728

Ion Ratio Lower Upper

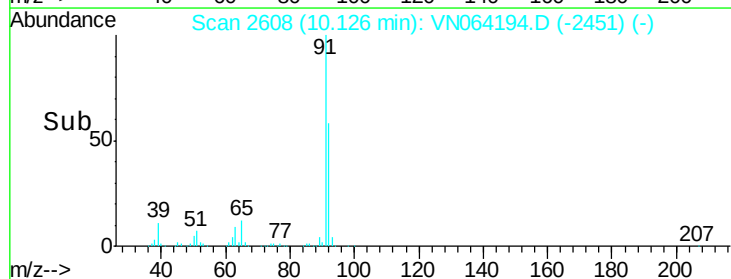
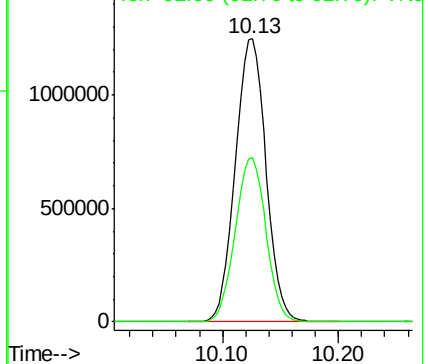
91 100

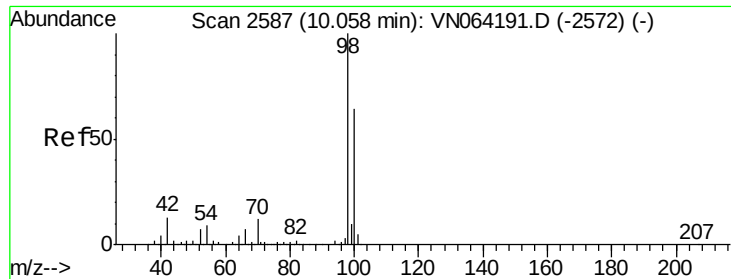
92 58.2 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 92.00 (91.70 to 92.70): VNO





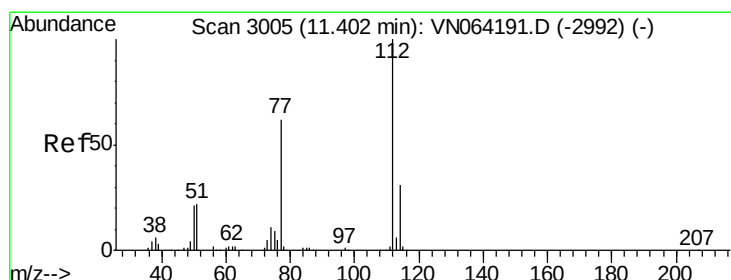
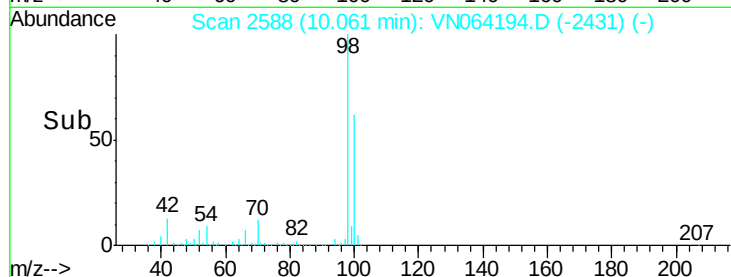
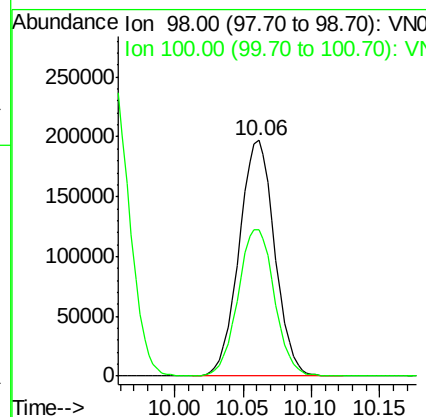
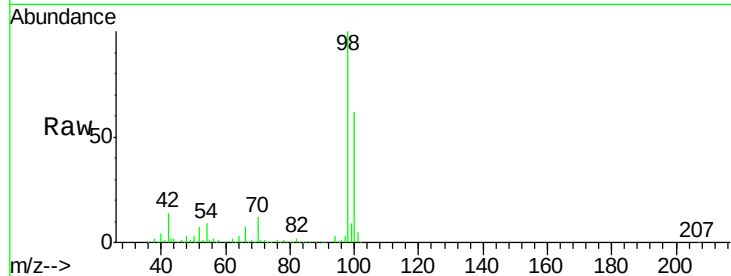
#63
Toluene-d8
Concen: 29.566 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 357849
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2

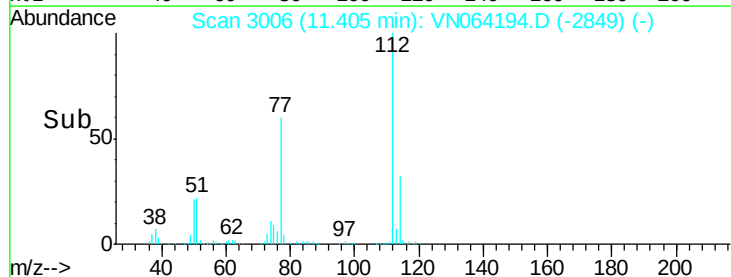
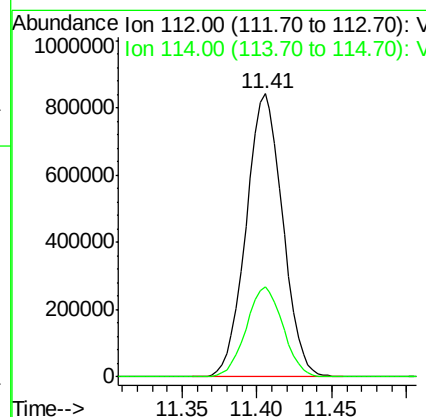
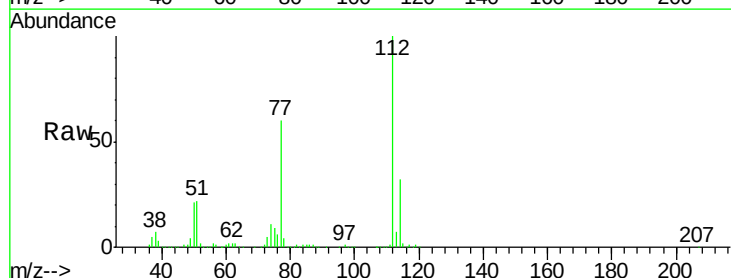
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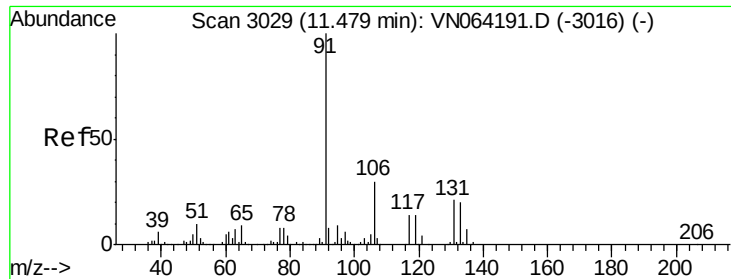
MMDadoda
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#64
Chlorobenzene
Concen: 158.907 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion: 112 Resp: 1433542
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7





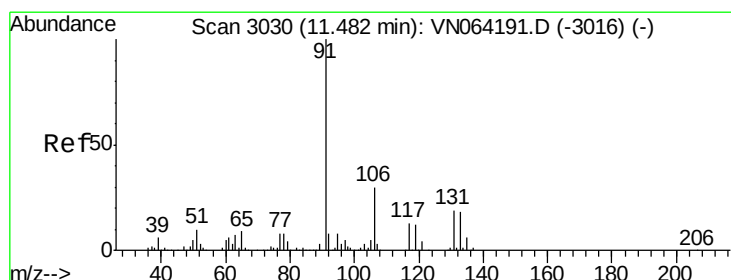
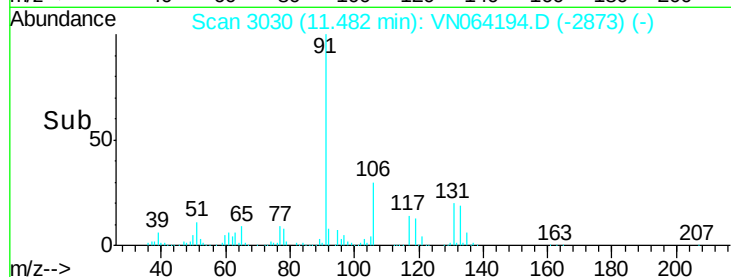
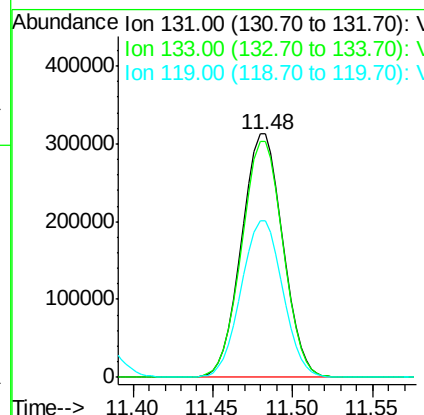
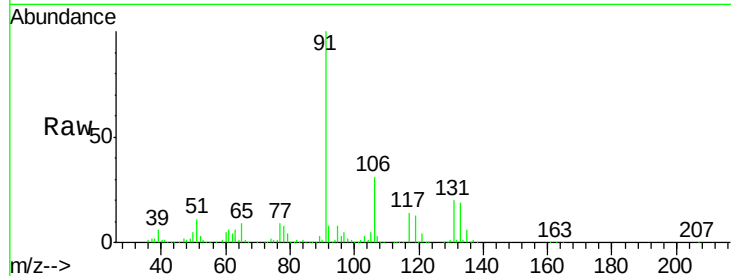
#65
 1,1,1,2-Tetrachloroethane
 Concen: 157.011 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	552095		
133	97.2	0.0	193.0	
119	64.9	0.0	132.2	

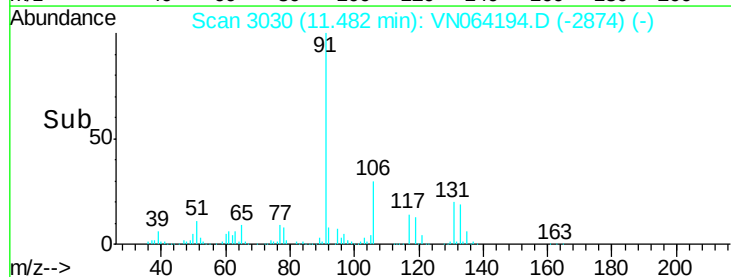
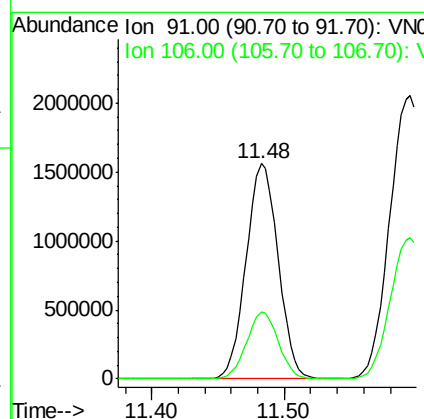
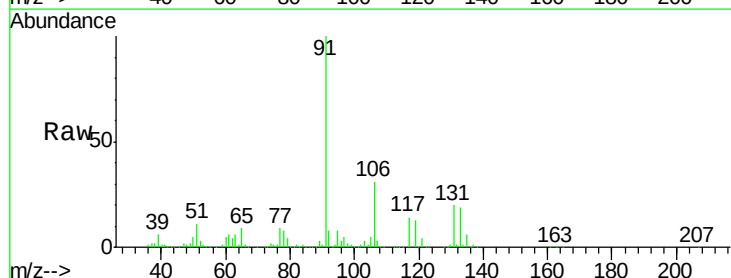
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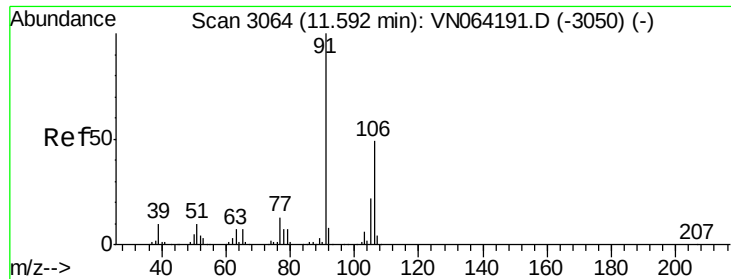
MMDadoda
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#66
 Ethyl Benzene
 Concen: 159.242 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2619414		
106	31.0	23.9	35.9	





#67

m/p-Xylenes

Concen: 326.516 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:106 Resp: 1985941

Ion Ratio Lower Upper

106 100

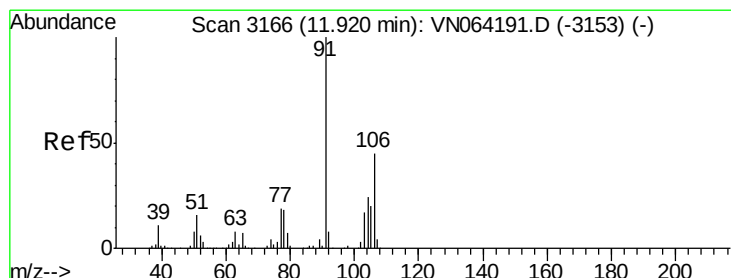
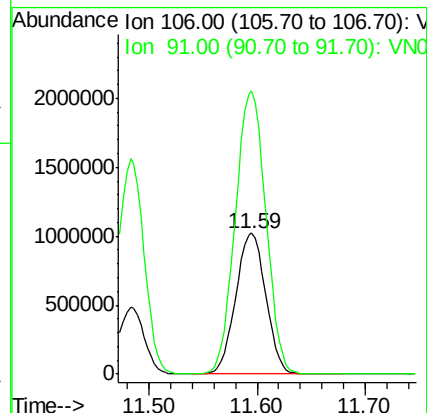
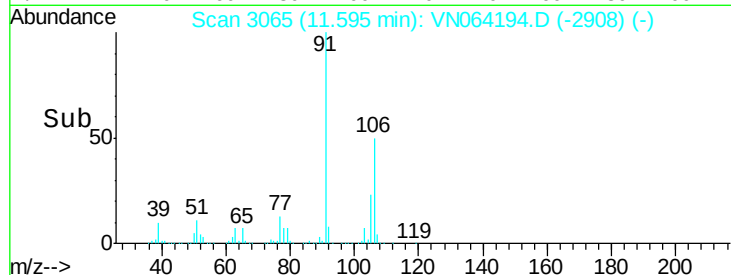
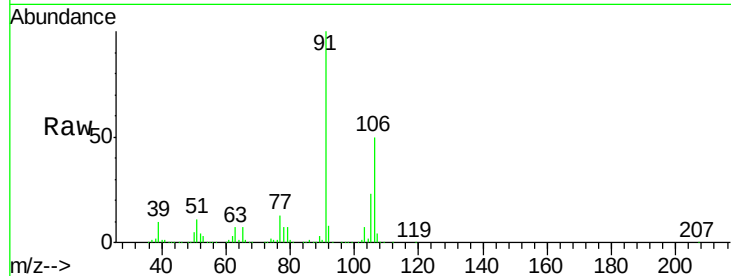
91 203.8 167.9 251.9

Manual Integrations

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#68

o-Xylene

Concen: 163.655 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064194.D

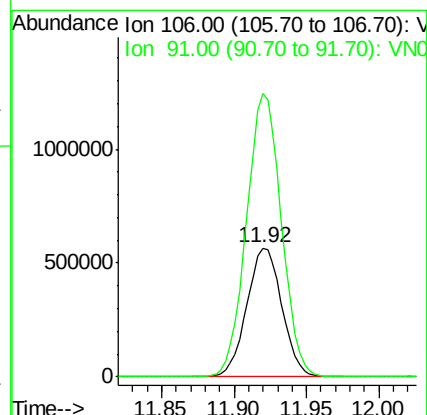
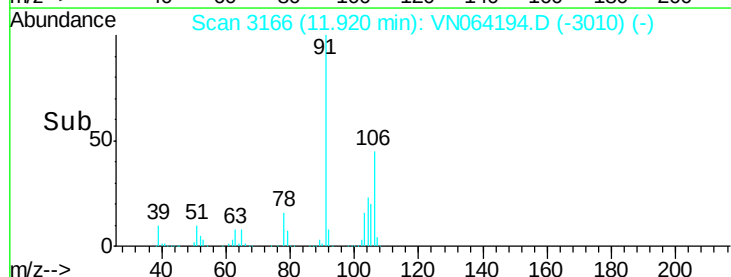
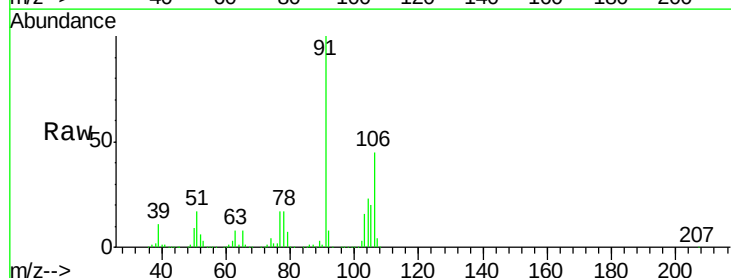
Acq: 20 Oct 2020 11:35

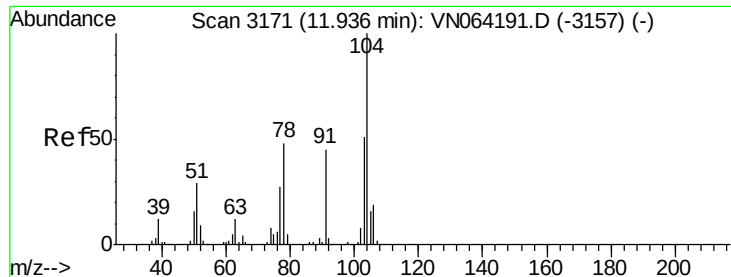
Tgt Ion:106 Resp: 952289

Ion Ratio Lower Upper

106 100

91 218.8 113.9 341.7





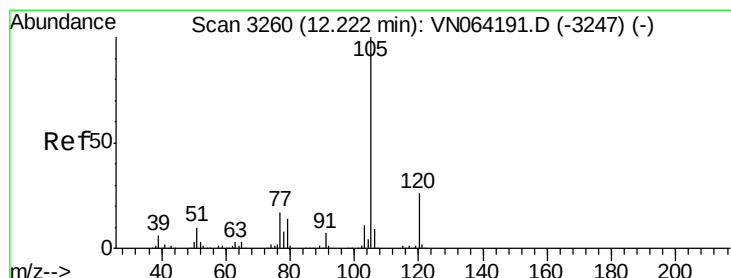
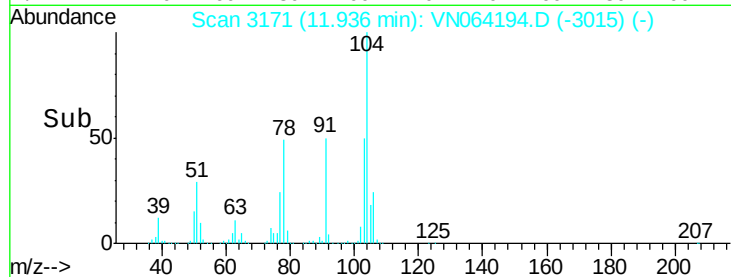
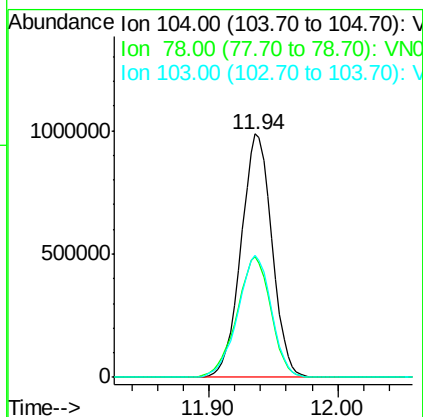
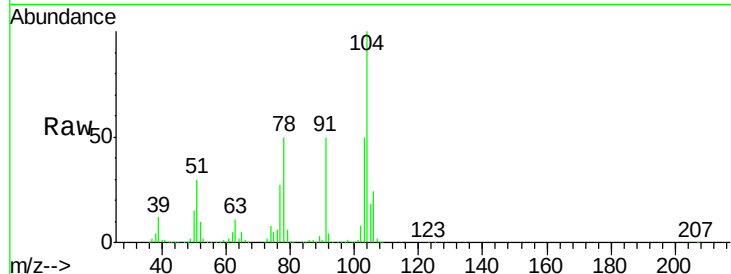
#69
Stvrene
Concen: 165.979 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.3	43.6	65.4
103	54.5	44.8	67.2

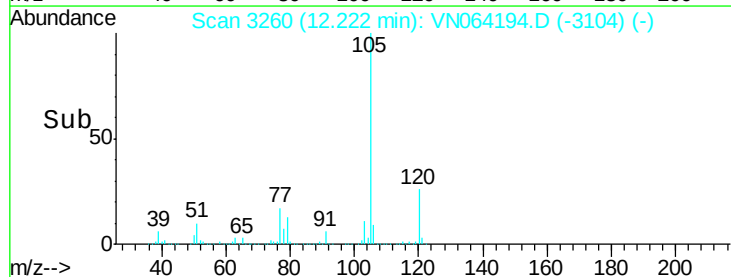
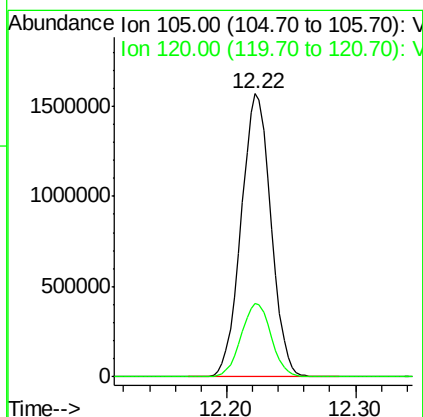
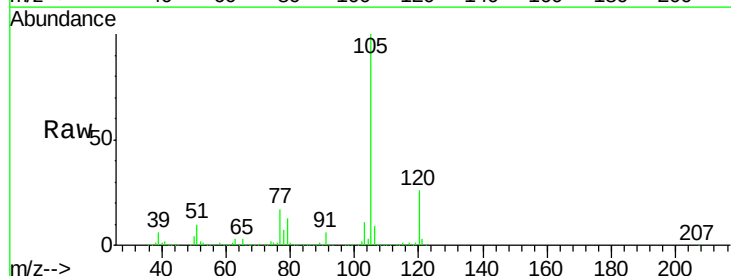
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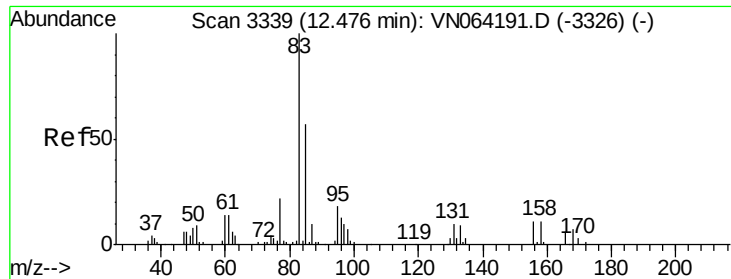
MMDadoda
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#70
Isopropylbenzene
Concen: 162.511 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.1	33.7





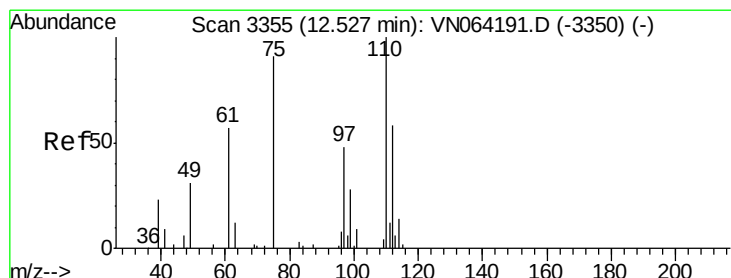
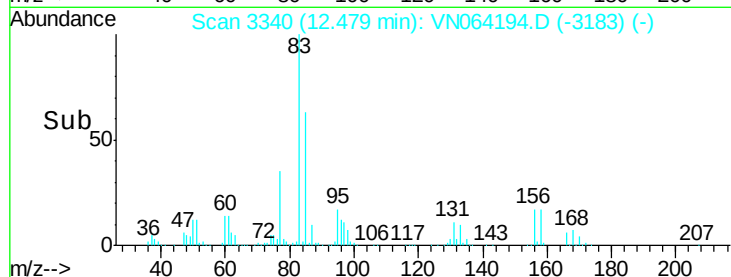
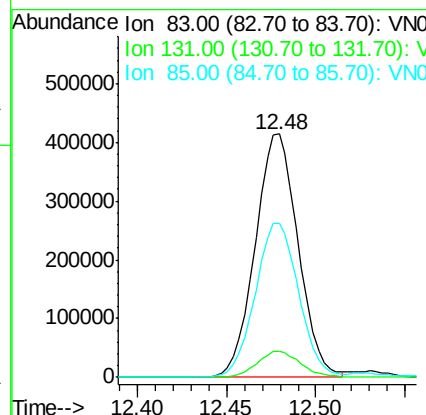
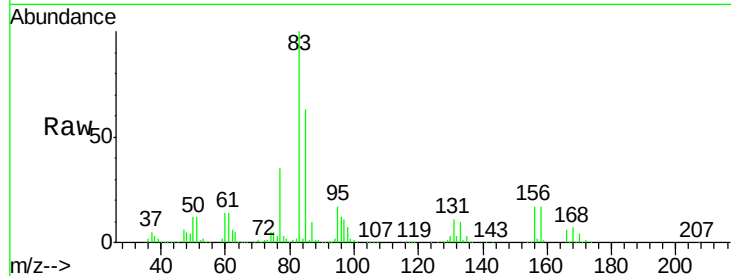
#71
 1,1,2,2-Tetrachloroethane
 Concen: 146.106 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	695066		
131	10.9	5.5	16.4	
85	64.2	30.8	92.4	

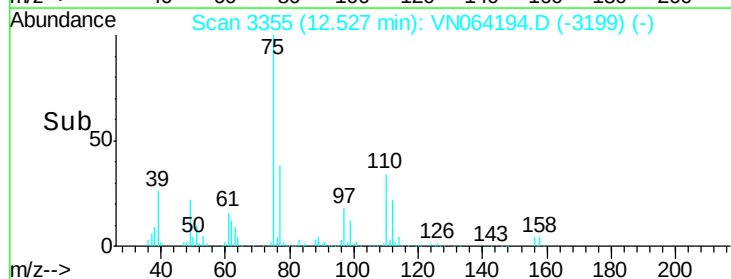
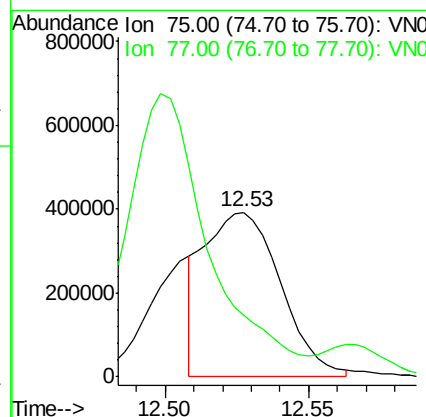
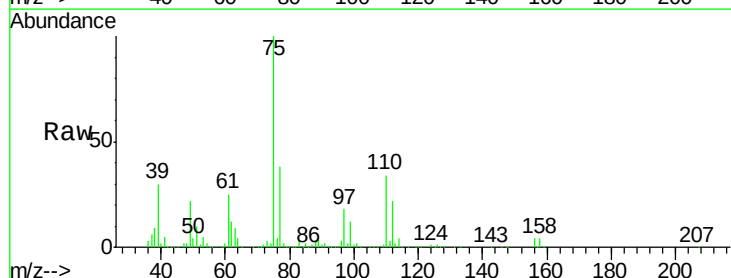
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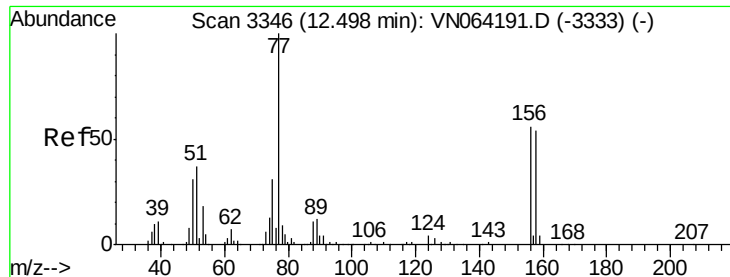
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#72
 1,2,3-Trichloropropane
 Concen: 153.622 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	729867		
77	185.0	0.0	417.6	





#73

Bromobenzene

Concen: 158.589 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

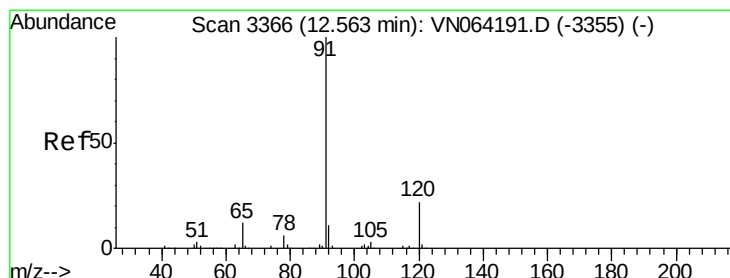
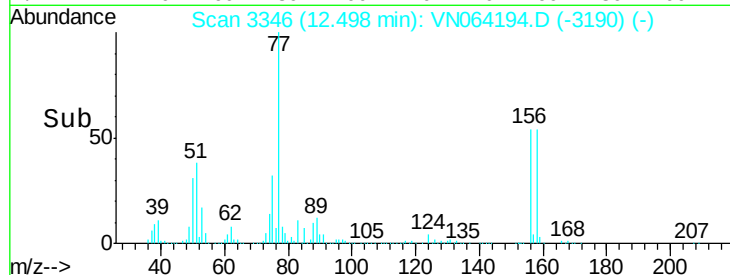
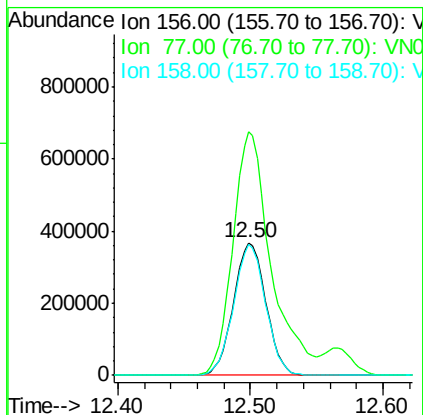
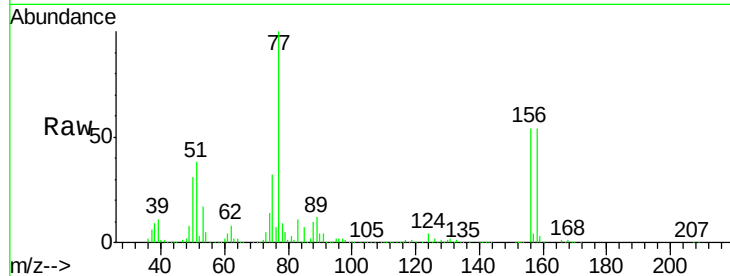
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	622591
Ion Ratio	Lower	Upper	
156	100		
77	216.9	0.0	429.8
158	97.4	0.0	190.6

Manual Integrations
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#74

n-propylbenzene

Concen: 162.583 ug/l

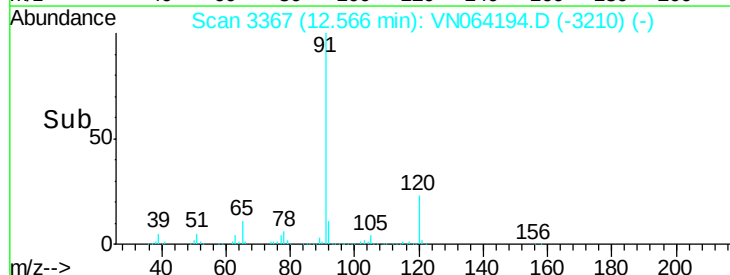
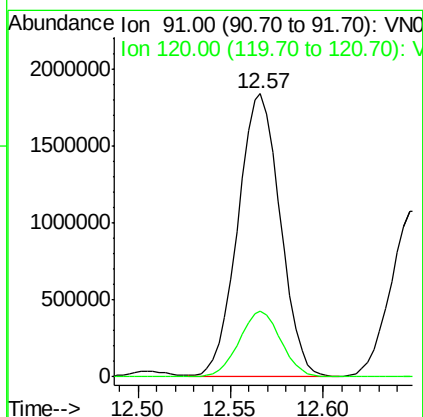
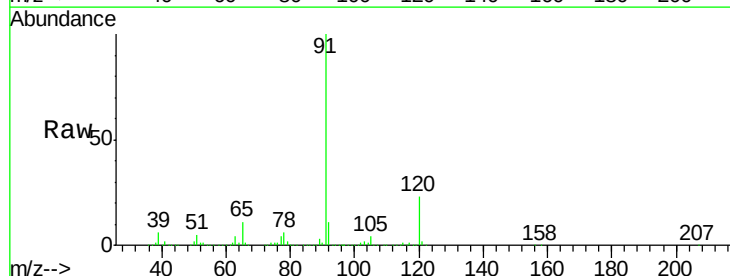
RT: 12.57 min Scan# 3367

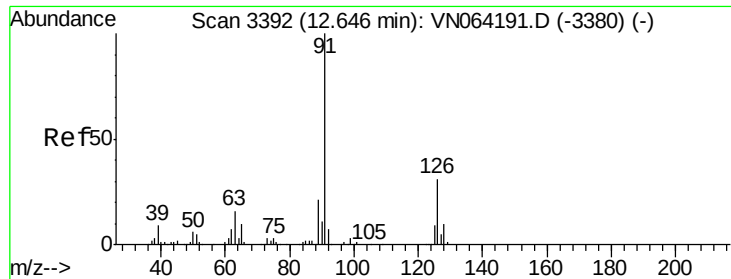
Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Tgt Ion:	91	Resp:	2932385
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	43.8





#75

2-Chlorotoluene

Concen: 164.226 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1808451

Ion Ratio Lower Upper

91 100

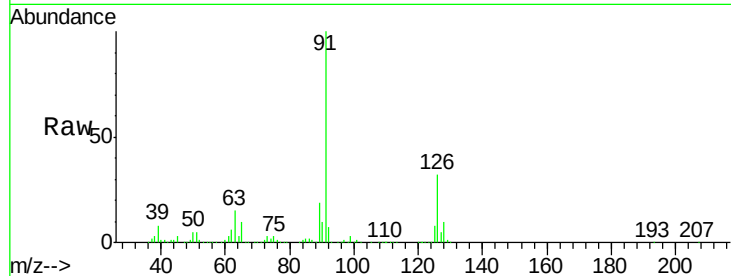
126 32.2 0.0 62.4

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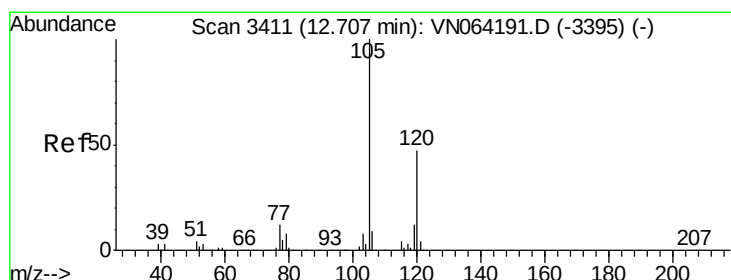
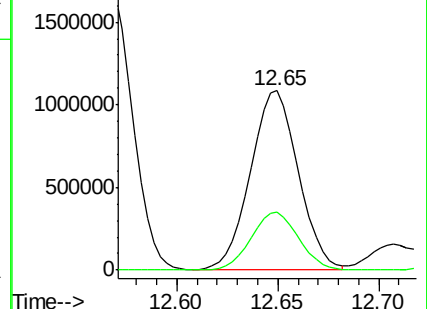
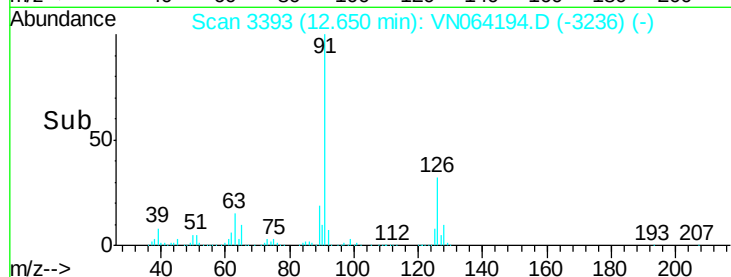
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Abundance Ion 91.00 (90.70 to 91.70): VN064194.D (-3392) (-)

Ion 126.00 (125.70 to 126.70): VN064194.D (-3392) (-)



#76

1,3,5-Trimethylbenzene

Concen: 166.842 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064194.D

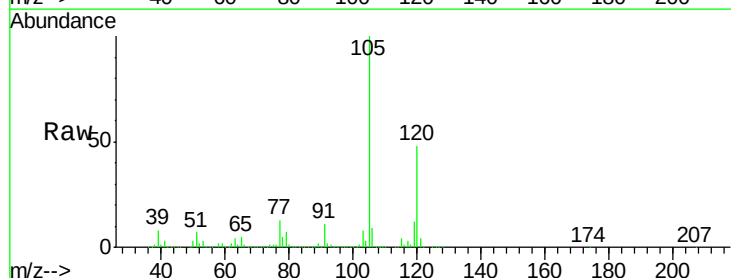
Acq: 20 Oct 2020 11:35

Tgt Ion: 105 Resp: 2183430

Ion Ratio Lower Upper

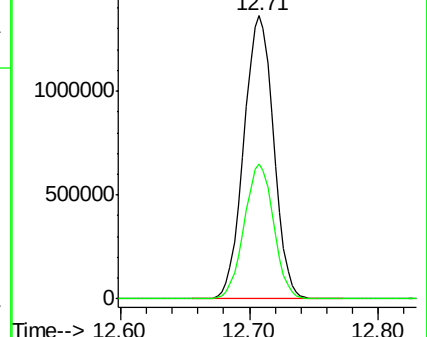
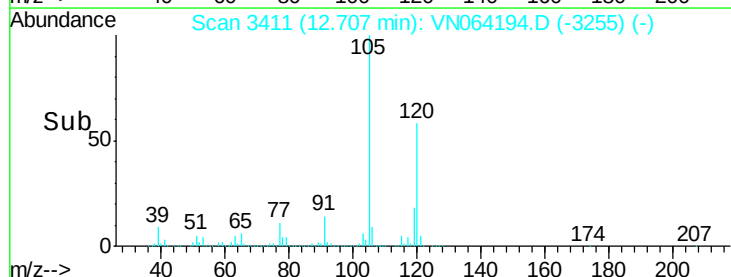
105 100

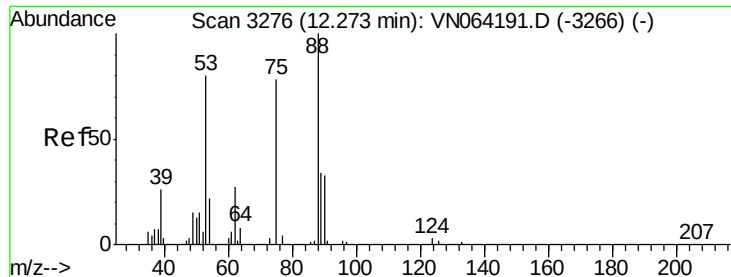
120 47.0 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064194.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064194.D (-3411) (-)





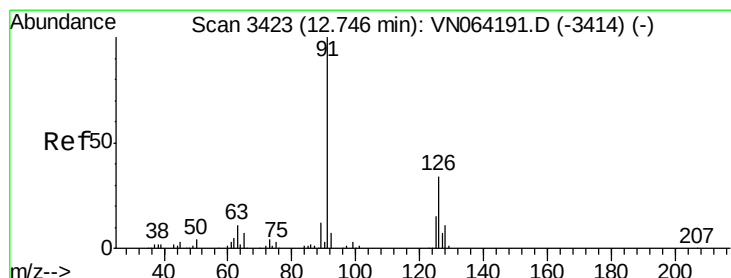
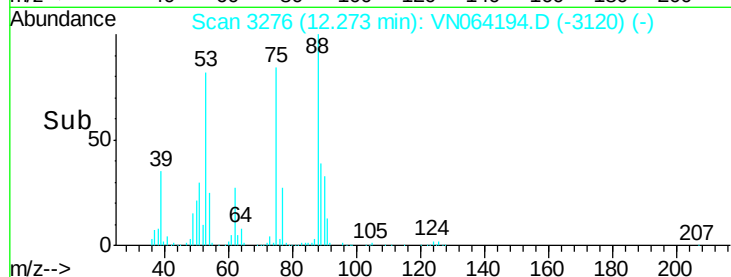
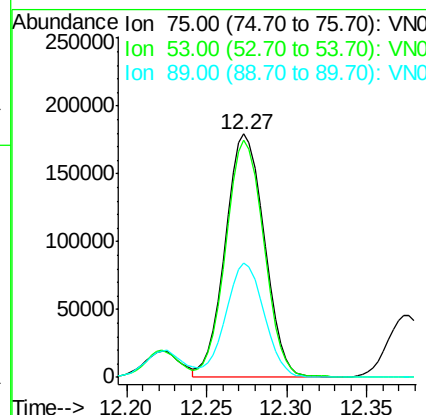
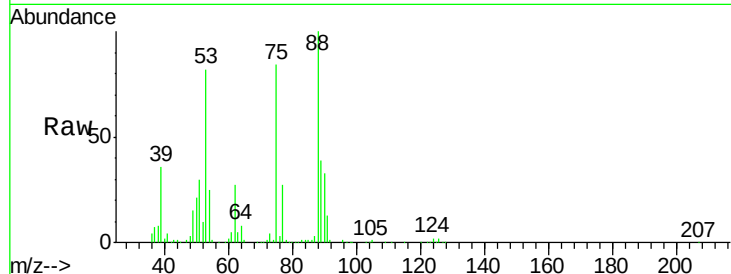
#77
t-1,4-Dichloro-2-butene
Concen: 168.795 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
75	100	299319		
53	97.3		51.4	154.2
89	47.1		23.8	71.5

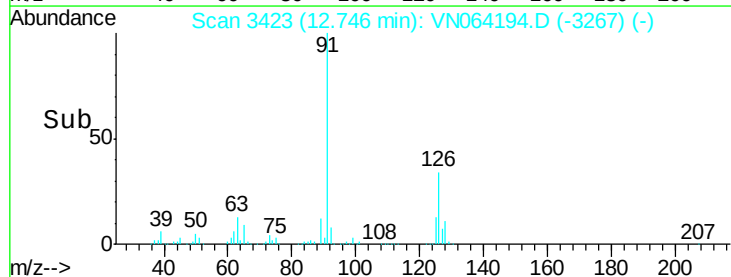
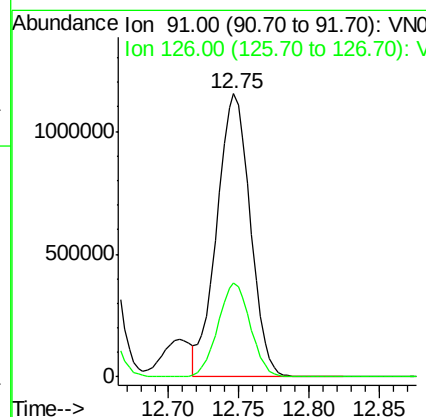
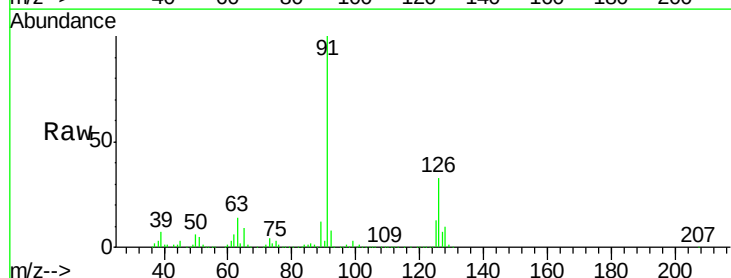
Manual Integrations
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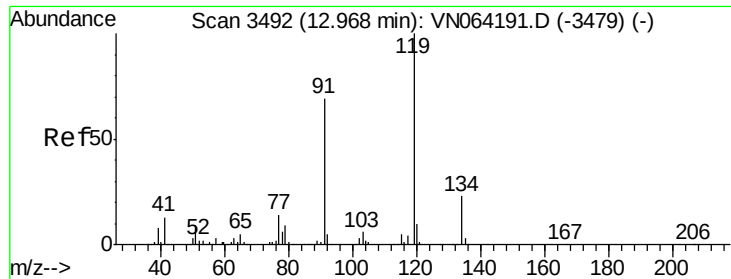
MMDadoda
10/23/2020 2:28:42 PM



#78
4-Chlorotoluene
Concen: 163.337 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1895958		
126	32.2		0.0	63.2





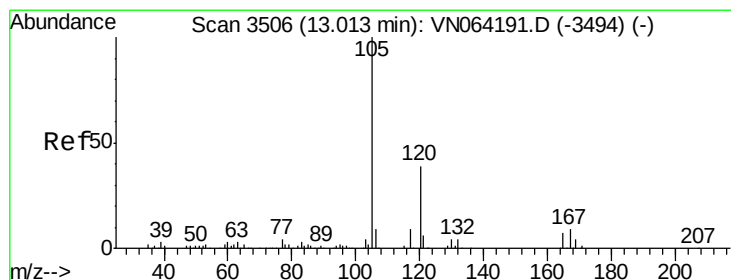
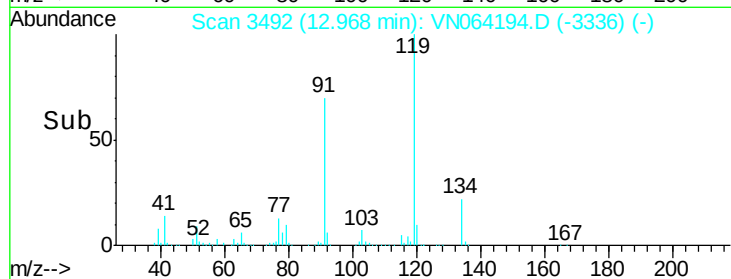
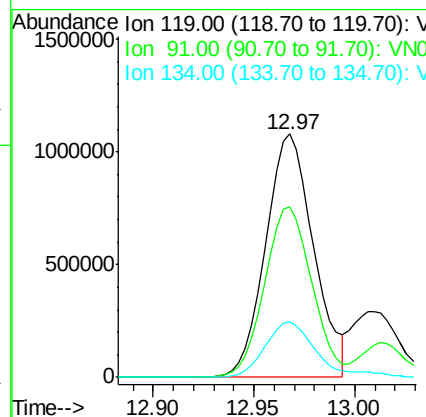
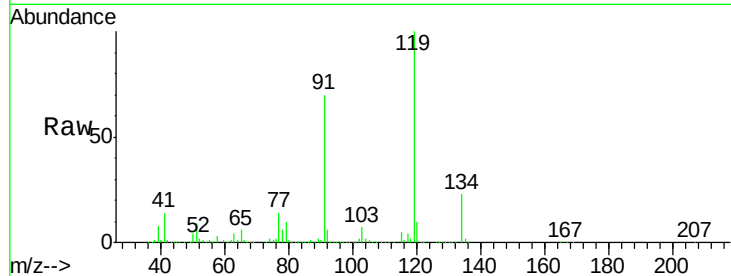
#79
 tert-butylbenzene
 Concen: 169.185 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	0.0	143.2
134	23.0	0.0	49.2

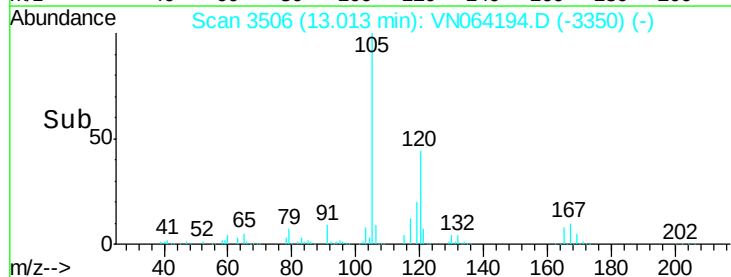
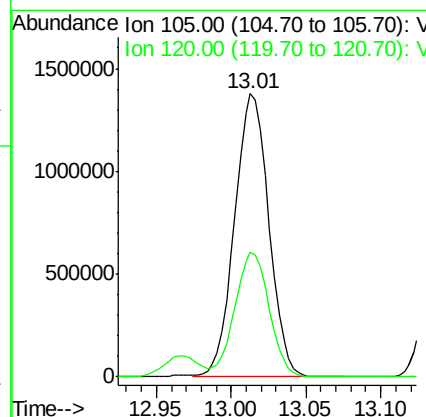
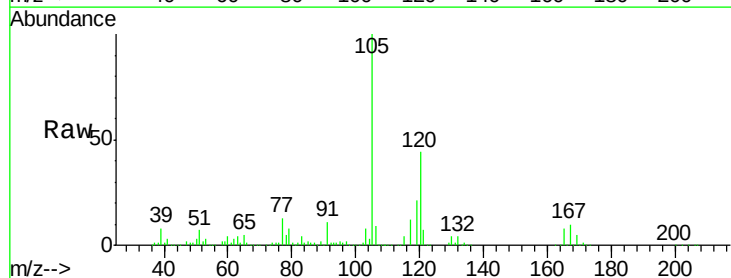
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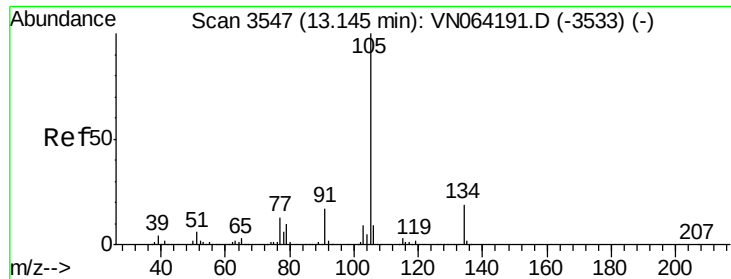
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#80
 1,2,4-Trimethylbenzene
 Concen: 166.618 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	0.0	85.8





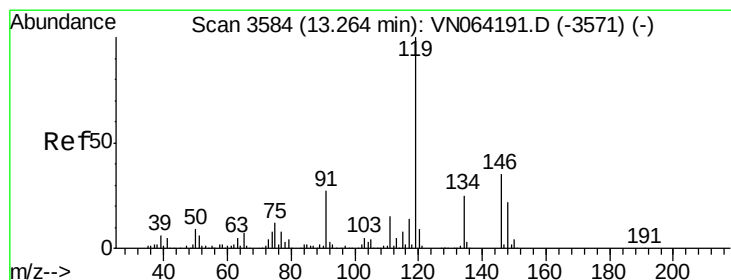
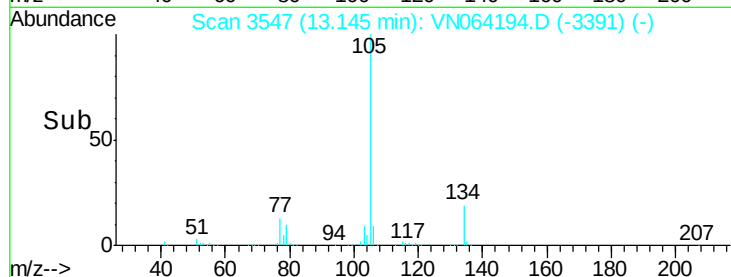
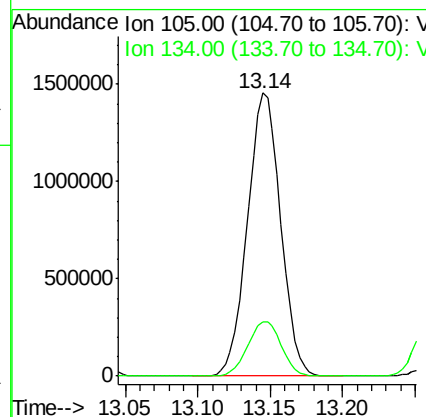
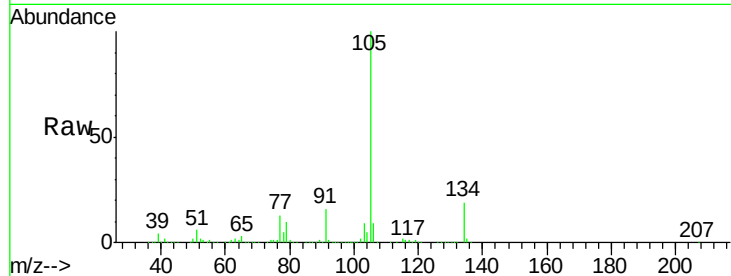
#81
 sec-Butylbenzene
 Concen: 167.029 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2312264
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.4

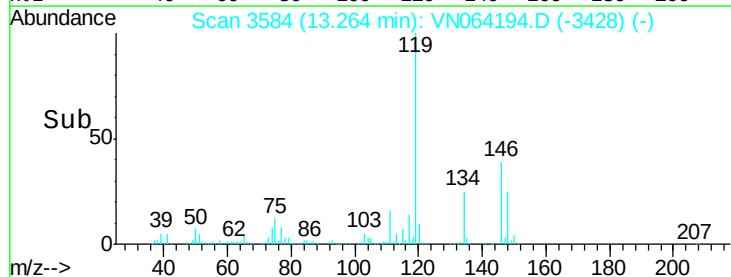
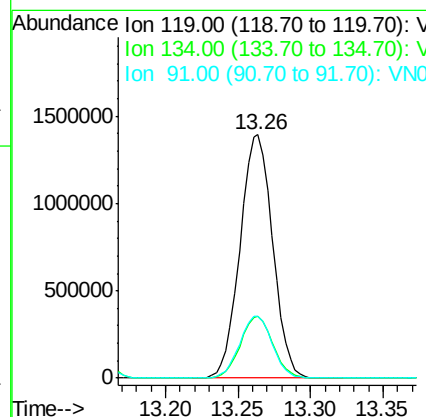
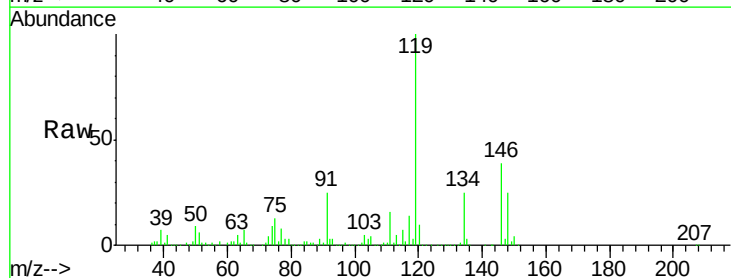
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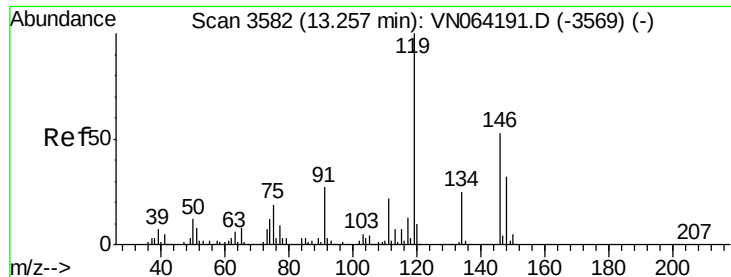
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#82
 p-Isopropyltoluene
 Concen: 172.066 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion:119 Resp: 2172281
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.4
 91 25.5 0.0 52.8





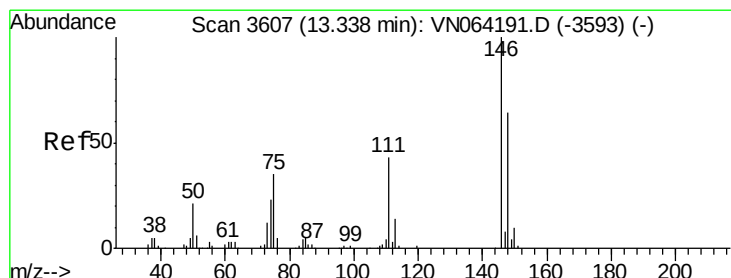
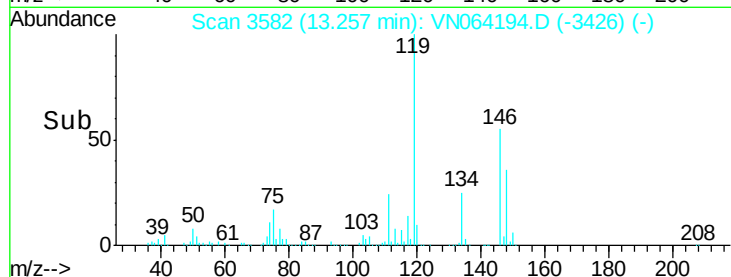
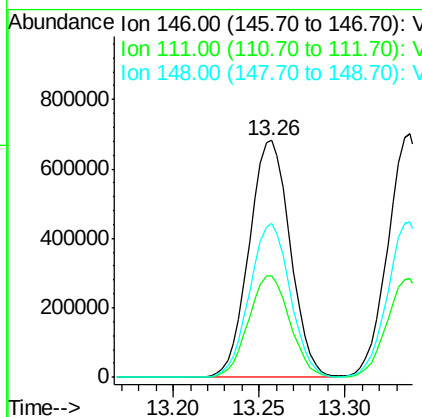
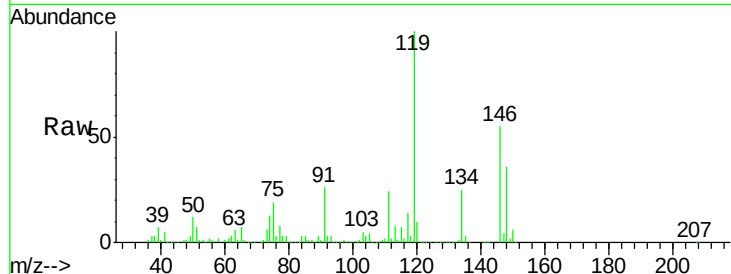
#83
1,3-Dichlorobenzene
Concen: 163.494 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:146 Resp: 1131551
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.4
148 64.3 31.4 94.2

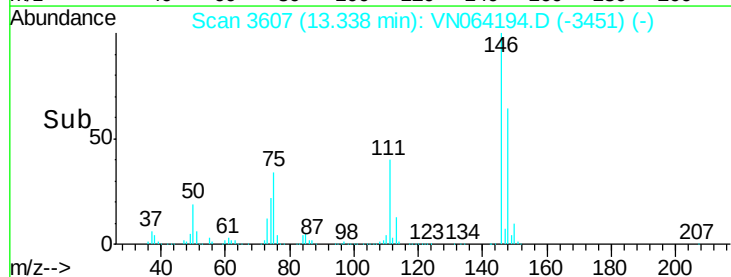
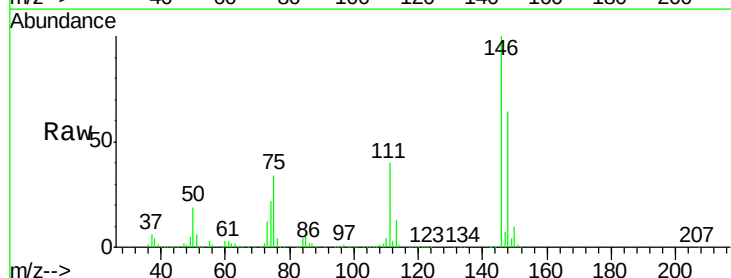
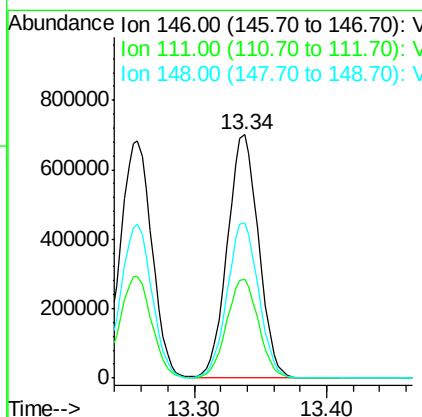
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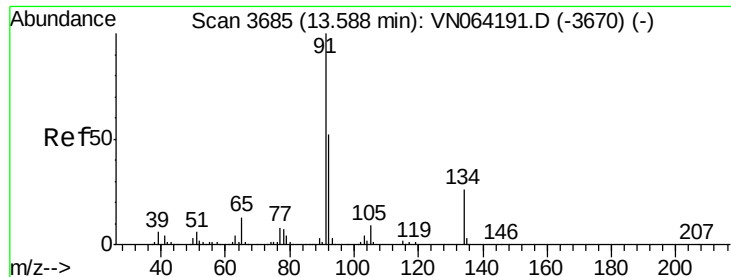
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#84
1,4-Dichlorobenzene
Concen: 165.358 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion:146 Resp: 1145343
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.8
148 64.2 30.9 92.7





#85

n-Butylbenzene

Concen: 175.770 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064194.D

Acq: 20 Oct 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tot Ion: 91 Resp: 1939185

Ion Ratio Lower Upper

91 100

92 52.1 0.0 104.8

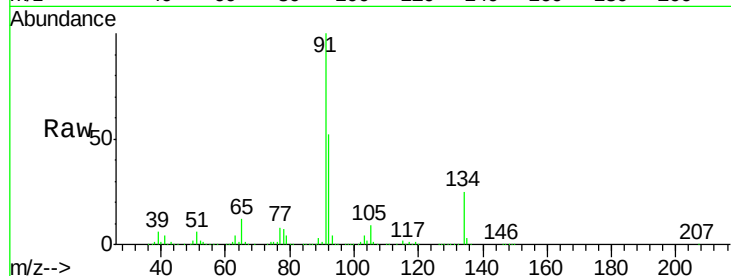
134 25.4 0.0 49.8

Manual Integrations

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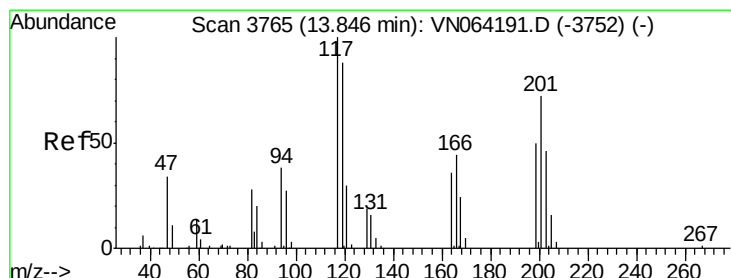
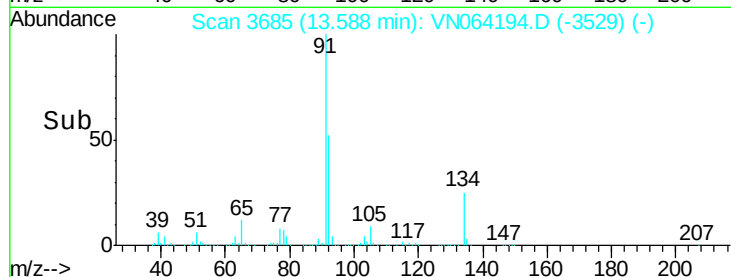
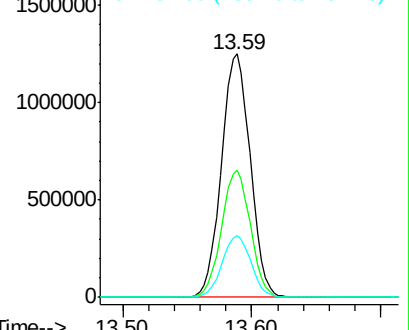
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 173.848 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064194.D

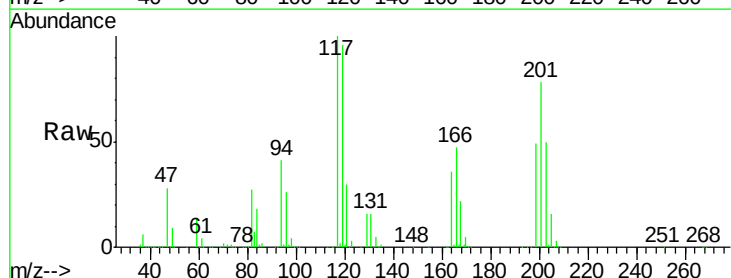
Acq: 20 Oct 2020 11:35

Tgt Ion: 117 Resp: 378010

Ion Ratio Lower Upper

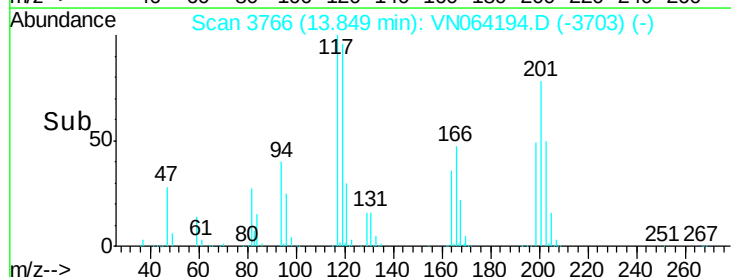
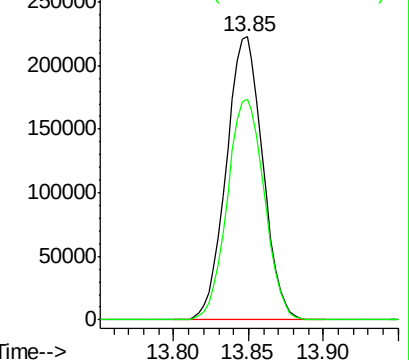
117 100

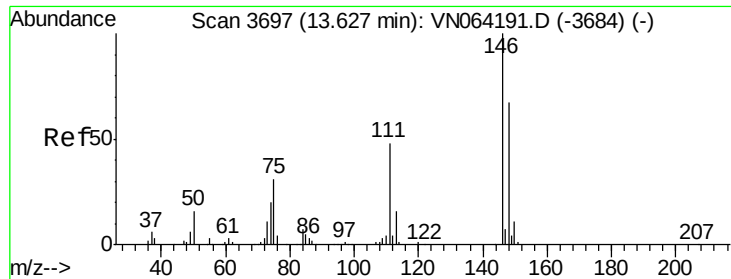
201 79.2 37.5 112.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





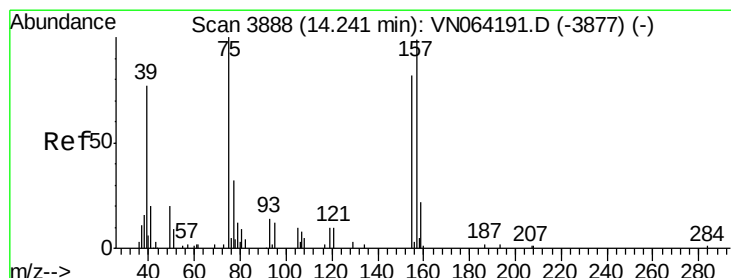
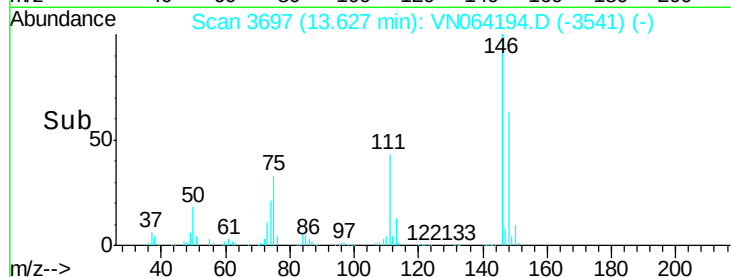
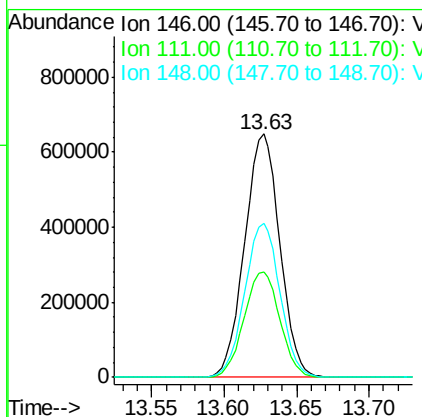
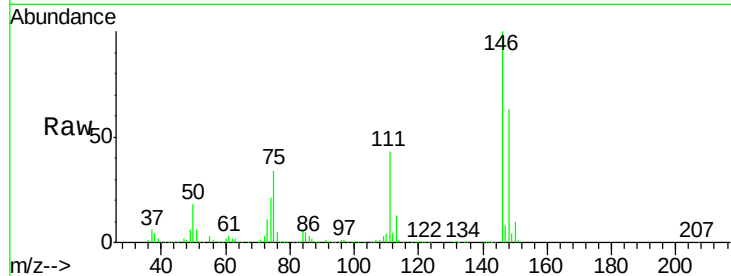
#87
 1,2-Dichlorobenzene
 Concen: 162.860 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.6	67.8
148	63.2	32.6	97.8

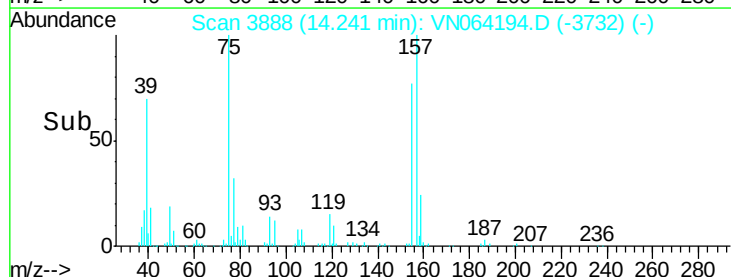
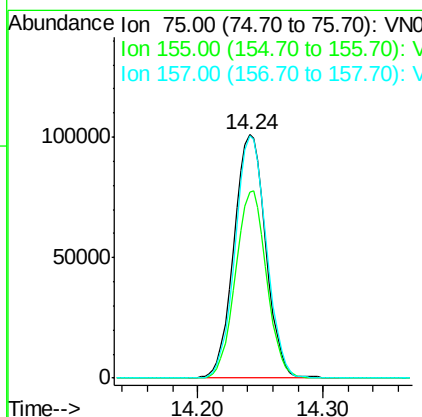
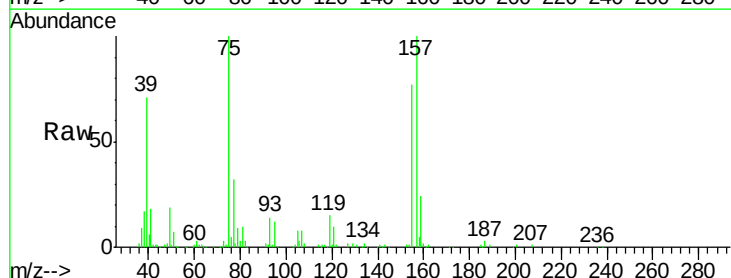
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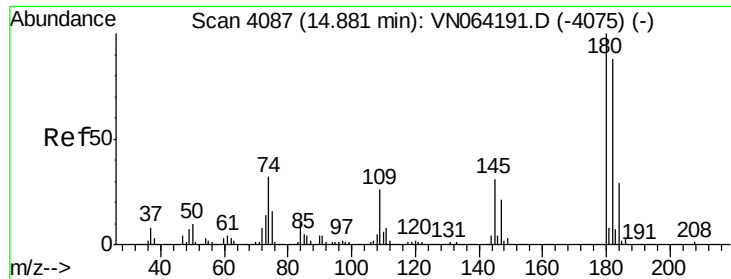
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 155.669 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.2	61.1	91.7
157	97.6	76.5	114.7





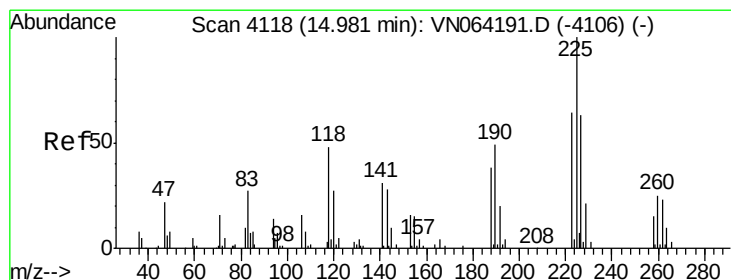
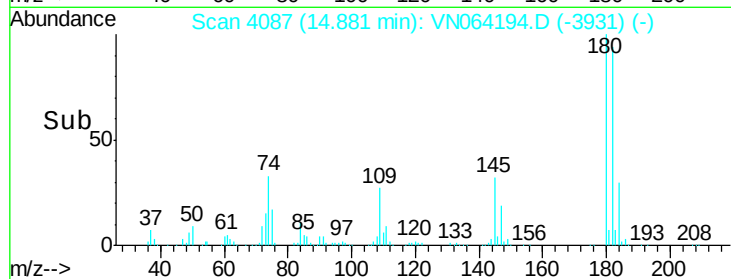
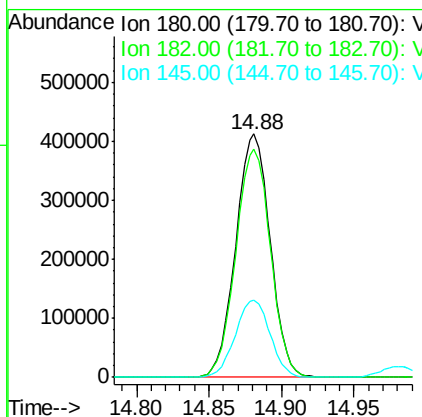
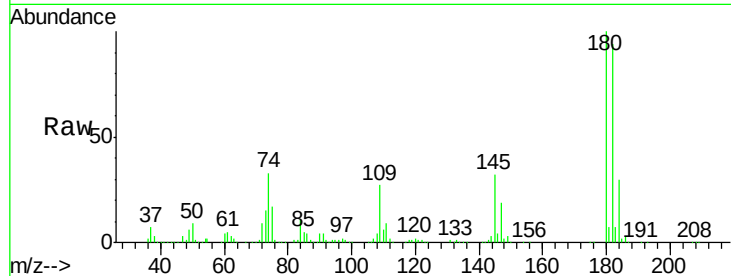
#89
 1,2,4-Trichlorobenzene
 Concen: 189.042 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	73.0	109.4
145	32.1	24.3	36.5

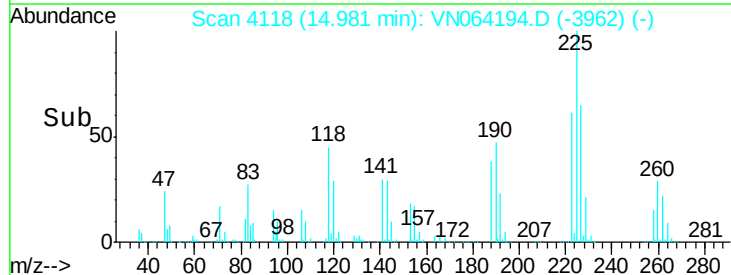
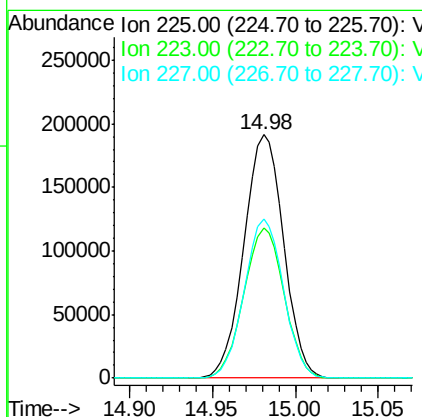
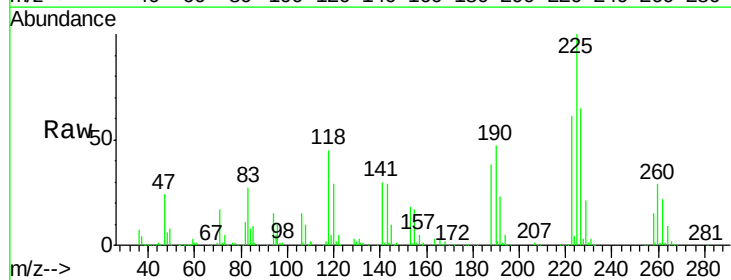
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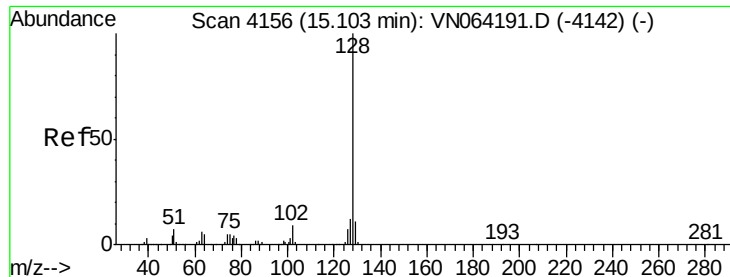
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#90
 Hexachlorobutadiene
 Concen: 171.009 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064194.D
 Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	127.0
227	64.5	0.0	129.4





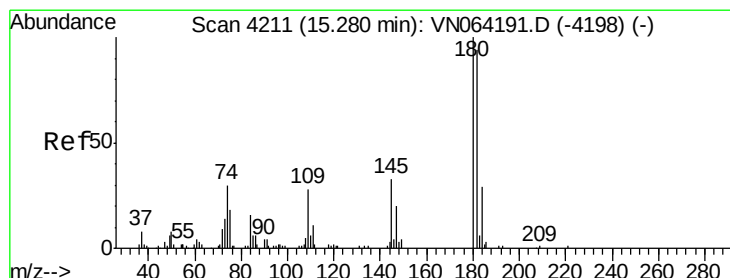
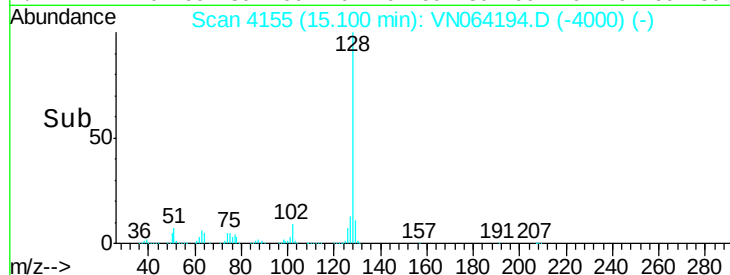
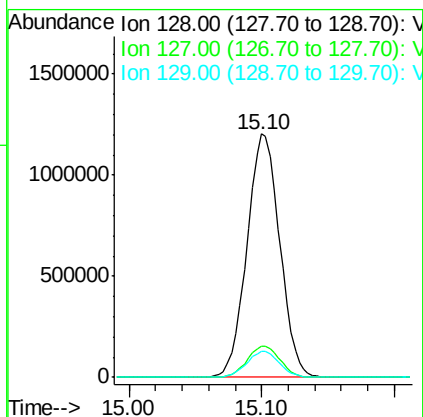
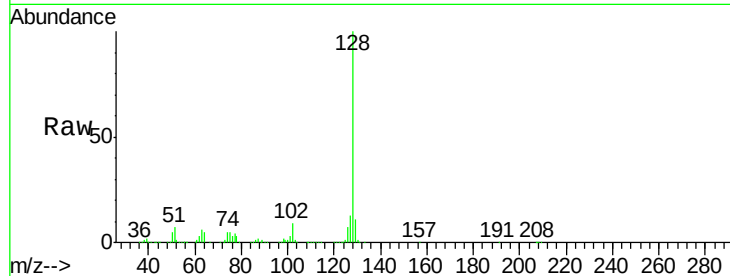
#91
Naphthalene
Concen: 190.518 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.7	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 189.638 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064194.D
Acq: 20 Oct 2020 11:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	0.0	190.0
145	33.6	0.0	66.6

