

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064434.D
 Acq On : 4 Nov 2020 14:18
 Operator : JC/MD
 Sample : VN1104WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:26 PM

Quant Time: Nov 05 01:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	322266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	561222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	524939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	224281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	267381	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	7.55	113	179027	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	10.06	98	684335	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	12.37	95	251462	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	74648	17.794	ug/l	97
3) Chloromethane	2.04	50	90532	17.767	ug/l	99
4) Vinyl Chloride	2.17	62	94015	17.967	ug/l	99
5) Bromomethane	2.54	94	63415	18.971	ug/l	98
6) Chloroethane	2.68	64	59865	17.869	ug/l	97
7) Trichlorofluoromethane	2.99	101	137524	17.849	ug/l	98
8) Diethyl Ether	3.38	74	49915	18.345	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	64560	17.645	ug/l	98
10) Methyl Iodide	3.91	142	68626	16.141	ug/l	98
11) Tert butyl alcohol	4.75	59	58195	94.009	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	60577	17.576	ug/l	99
13) Acrolein	3.57	56	35120	91.463	ug/l	95
14) Allyl chloride	4.27	41	115624	17.149	ug/l	98
15) Acrylonitrile	4.93	53	160678	93.229	ug/l	98
16) Acetone	3.78	43	173843	81.302	ug/l	99
17) Carbon Disulfide	4.00	76	179633	17.428	ug/l	97
18) Methyl Acetate	4.28	43	75138	17.874	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	216939	17.489	ug/l	99
20) Methylene Chloride	4.50	84	75123	17.708	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	69251	17.696	ug/l	96
22) Diisopropyl ether	5.90	45	252953	17.674	ug/l	97
23) Vinyl Acetate	5.85	43	1047369	89.959	ug/l	100
24) 1,1-Dichloroethane	5.80	63	140541	17.870	ug/l	98
25) 2-Butanone	6.79	43	243964	89.547	ug/l	98
26) 2,2-Dichloropropane	6.78	77	123388	17.332	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	80412	17.733	ug/l	99
28) Bromochloromethane	7.15	49	71566	18.513	ug/l	99
29) Tetrahydrofuran	7.17	42	146124	87.421	ug/l	98
30) Chloroform	7.32	83	147603	17.855	ug/l	99
31) Cyclohexane	7.61	56	116116	17.017	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	129150	17.614	ug/l	98
36) 1,1-Dichloropropene	7.75	75	106830	18.018	ug/l	98
37) Ethyl Acetate	6.88	43	103959	17.775	ug/l	97
38) Carbon Tetrachloride	7.73	117	110468	17.434	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	92939	17.487	ug/l	98
40) Benzene	8.00	78	308342	17.698	ug/l	99
41) Methacrylonitrile	7.12	41	49992m	19.019	ug/l	
42) 1,2-Dichloroethane	8.08	62	130217	18.521	ug/l	99
43) Isopropyl Acetate	8.13	43	172301	17.932	ug/l	99
44) Trichloroethene	8.80	130	77527	17.637	ug/l	99
45) 1,2-Dichloropropane	9.08	63	85706	18.437	ug/l	96
46) Dibromomethane	9.17	93	55892	18.264	ug/l	98
47) Bromodichloromethane	9.37	83	116957	17.775	ug/l	96
48) Methyl methacrylate	9.16	41	83478	17.218	ug/l	97
49) 1,4-Dioxane	9.16	88	24595	385.139	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	517128	92.290	ug/l	99
52) Toluene	10.12	92	196639	18.505	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	122680	17.586	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	131943	17.690	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	73134	17.648	ug/l	96
56) Ethyl methacrylate	10.40	69	105647	16.765	ug/l	98
57) 1,3-Dichloropropane	10.68	76	130482	18.039	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	284580	102.259	ug/l	98
59) 2-Hexanone	10.72	43	370088	83.720	ug/l	99
60) Dibromochloromethane	10.87	129	81750	17.619	ug/l	99
61) 1,2-Dibromoethane	10.98	107	77437	18.422	ug/l	99
64) Tetrachloroethene	10.60	164	72171	17.848	ug/l	98
65) Chlorobenzene	11.41	112	198555	17.254	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	75541	17.596	ug/l	98
67) Ethyl Benzene	11.48	91	362272	17.698	ug/l	99
68) m/p-Xylenes	11.59	106	260291	35.063	ug/l	97
69) o-Xylene	11.92	106	124479	17.353	ug/l	99
70) Styrene	11.94	104	213444	17.683	ug/l	99
71) Bromoform	12.10	173	50037	16.402	ug/l #	97
73) Isopropylbenzene	12.22	105	325949	18.284	ug/l	99
74) N-amyl acetate	12.04	43	142455	17.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	100910	18.429	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	94646m	17.417	ug/l	
77) Bromobenzene	12.50	156	79842	18.345	ug/l	100
78) n-propylbenzene	12.57	91	375981	18.500	ug/l	100
79) 2-Chlorotoluene	12.65	91	239778	18.602	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	268282	18.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33581	17.254	ug/l	97
82) 4-Chlorotoluene	12.75	91	249140	18.456	ug/l	98
83) tert-Butylbenzene	12.97	119	213703	18.606	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	270969	18.329	ug/l	99
85) sec-Butylbenzene	13.14	105	273695	18.815	ug/l	99
86) p-Isopropyltoluene	13.26	119	241923	18.489	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	136306	18.118	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	135181	17.387	ug/l	98
89) n-Butylbenzene	13.59	91	202246	17.978	ug/l	100
90) Hexachloroethane	13.85	117	45371	17.976	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	132004	18.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20686	18.975	ug/l	97

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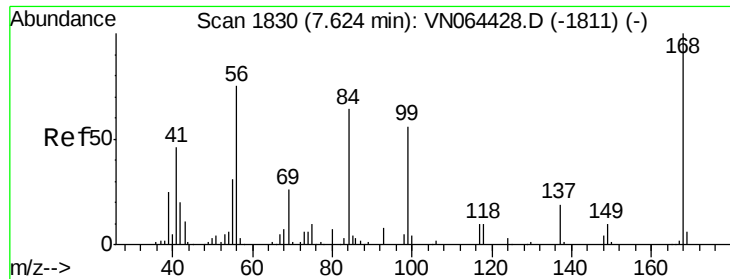
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	53597	16.763	ug/l	99
94) Hexachlorobutadiene	14.98	225	26413	17.926	ug/l	97
95) Naphthalene	15.10	128	170731	16.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53502	17.289	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion:168 Resp: 322266

Ion Ratio Lower Upper

168 100

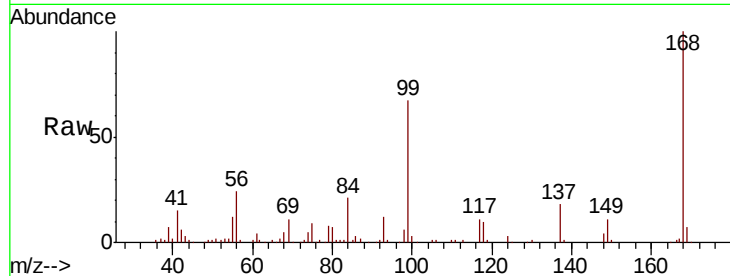
99 66.7 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

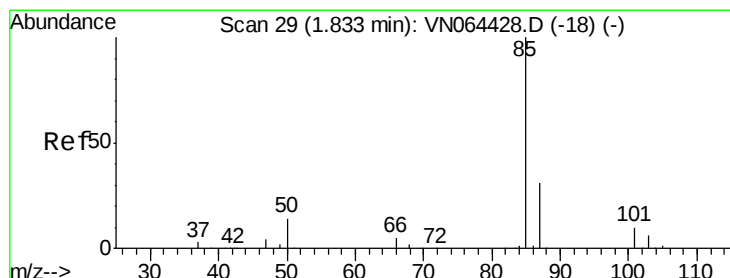
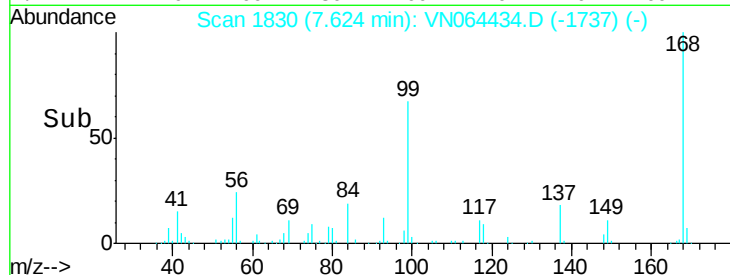
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.794 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064434.D

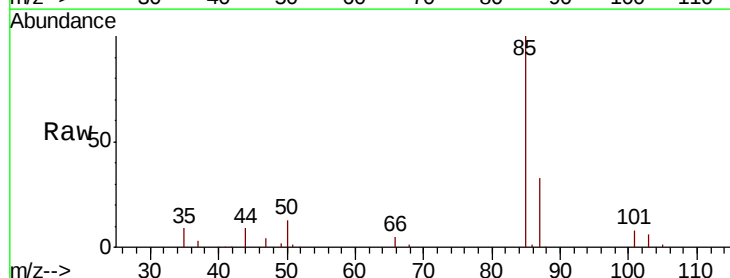
Acq: 4 Nov 2020 14:18

Tgt Ion: 85 Resp: 74648

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

60000

50000

40000

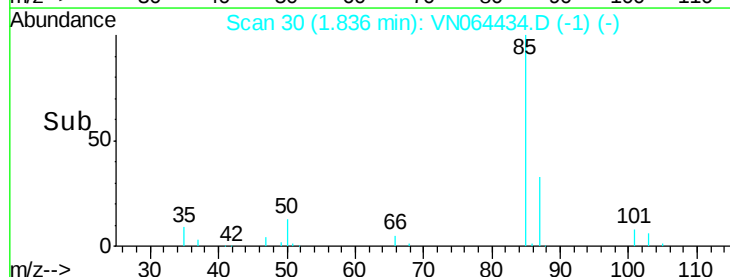
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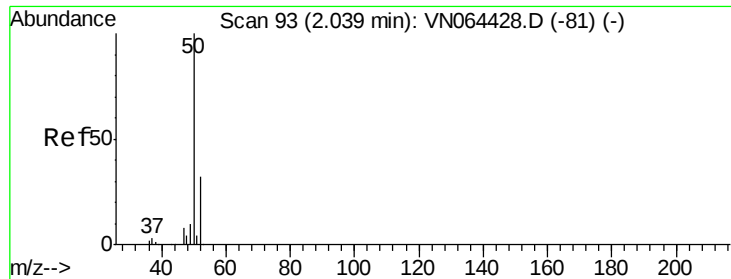
20000

10000

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Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 17.767 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion: 50 Resp: 90532

Ion Ratio Lower Upper

50 100

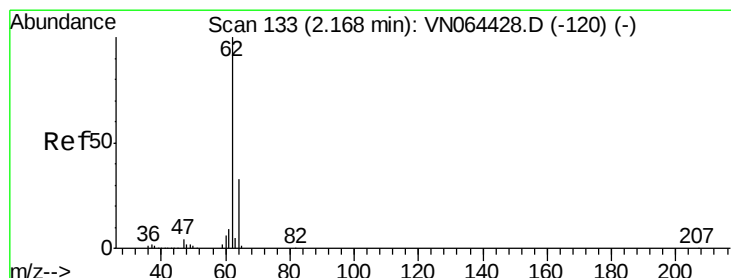
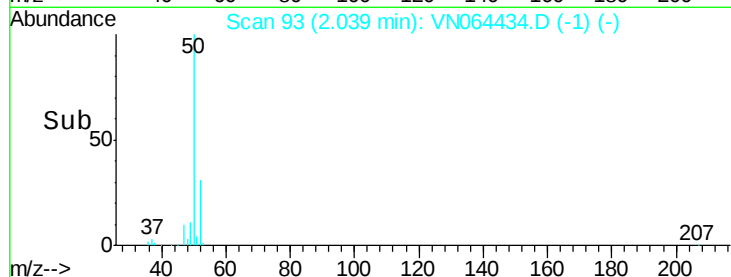
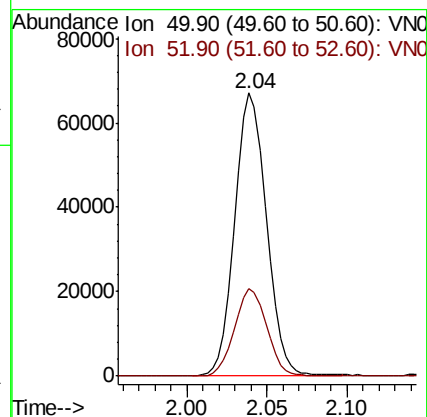
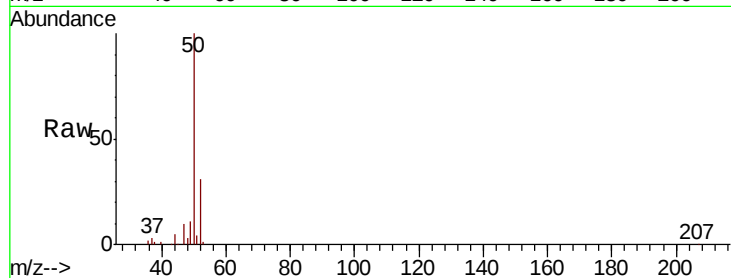
52 30.8 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.967 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064434.D

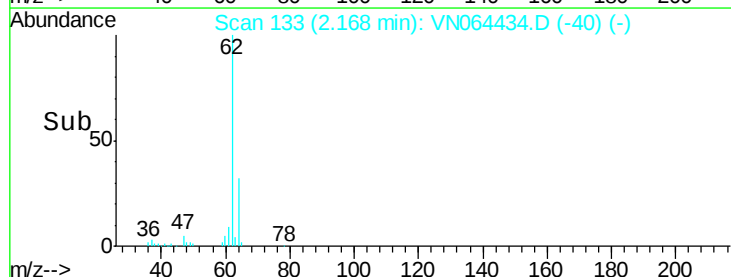
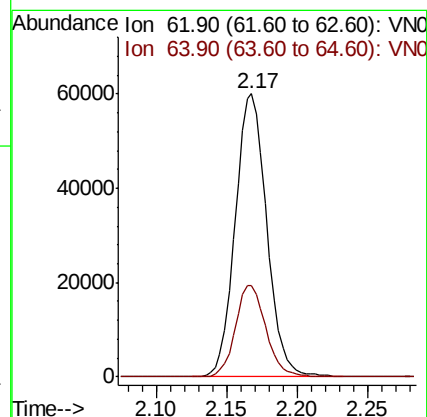
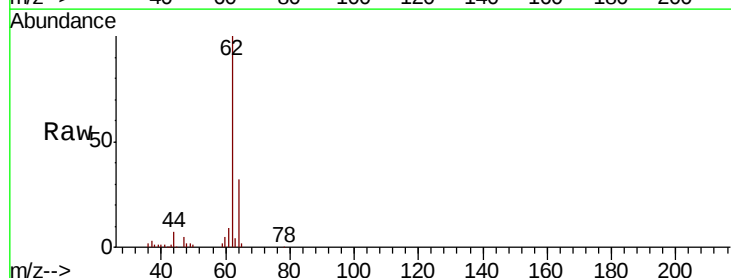
Acq: 4 Nov 2020 14:18

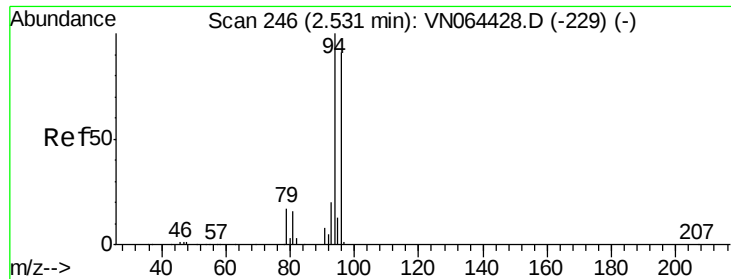
Tgt Ion: 62 Resp: 94015

Ion Ratio Lower Upper

62 100

64 32.2 26.3 39.5





#5

Bromomethane

Concen: 18.971 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion: 94 Resp: 63415

Ion Ratio Lower Upper

94 100

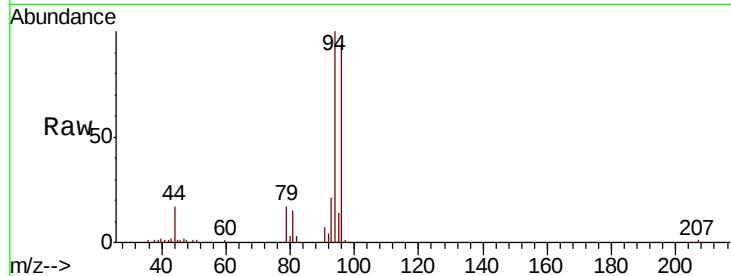
96 93.7 73.1 109.7

Manual Integrations

APPROVED

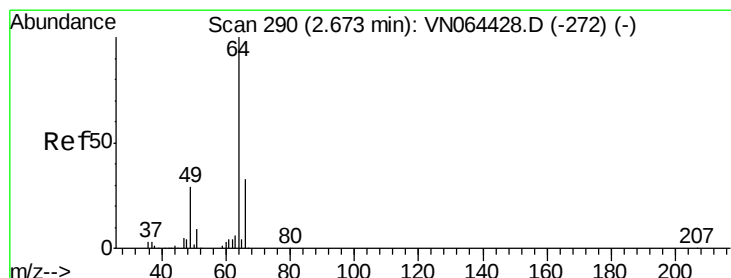
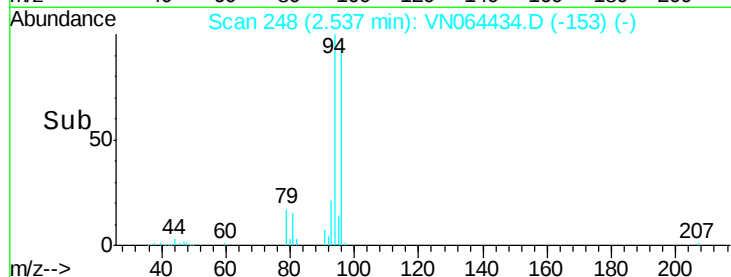
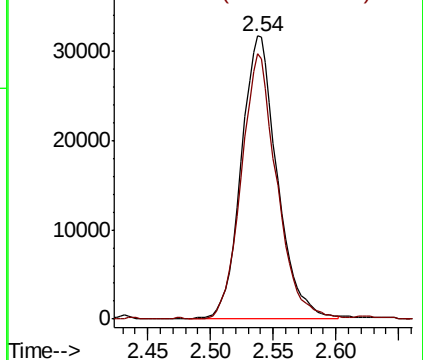
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 17.869 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064434.D

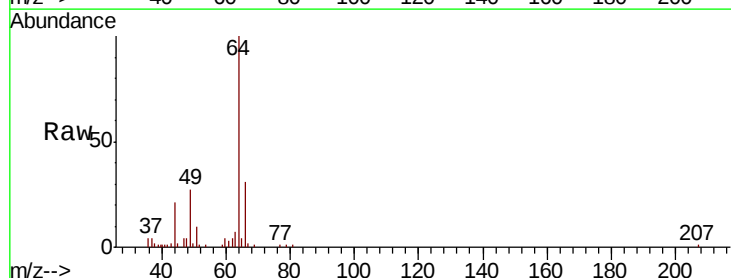
Acq: 4 Nov 2020 14:18

Tgt Ion: 64 Resp: 59865

Ion Ratio Lower Upper

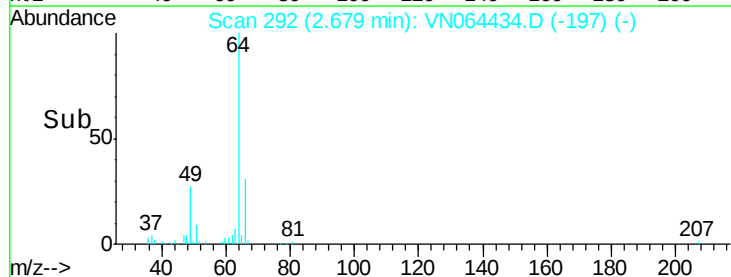
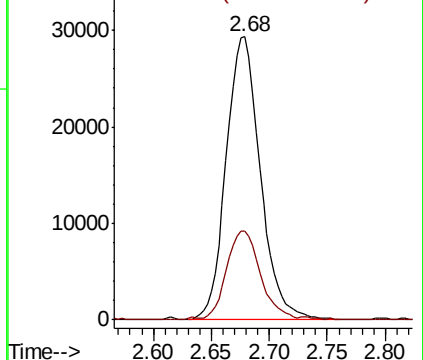
64 100

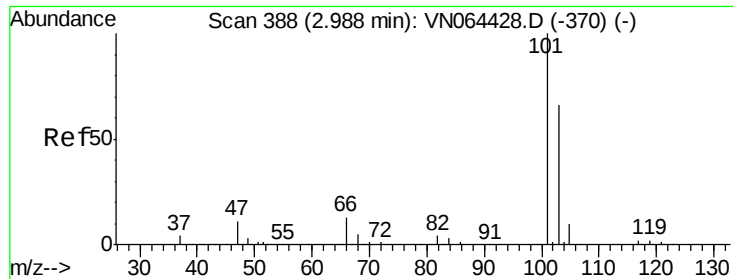
66 31.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

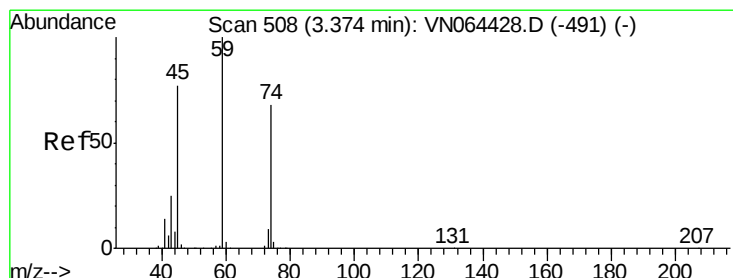
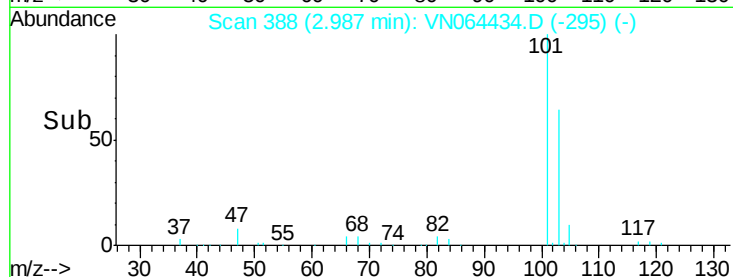
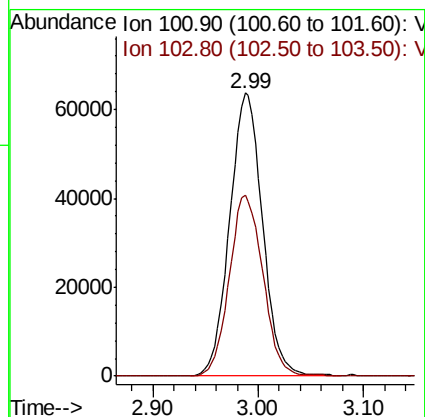
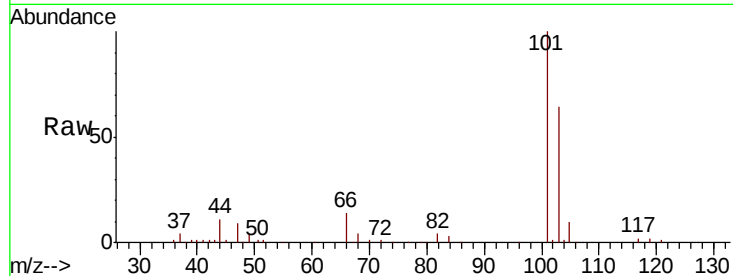
Trichlorofluoromethane
Concen: 17.849 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
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Tot Ion:101 Resp: 137524
Ion Ratio Lower Upper
101 100
103 63.8 52.4 78.6

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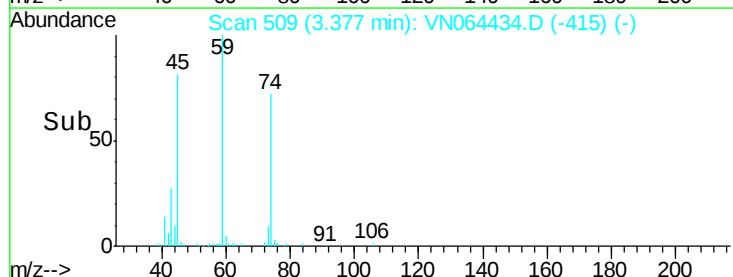
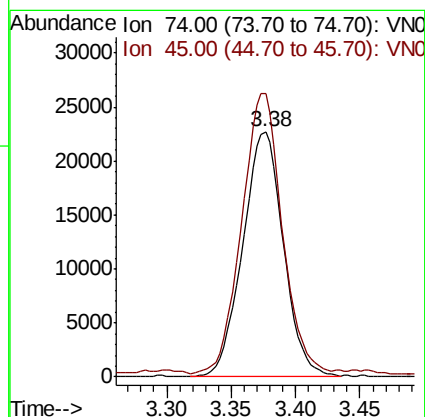
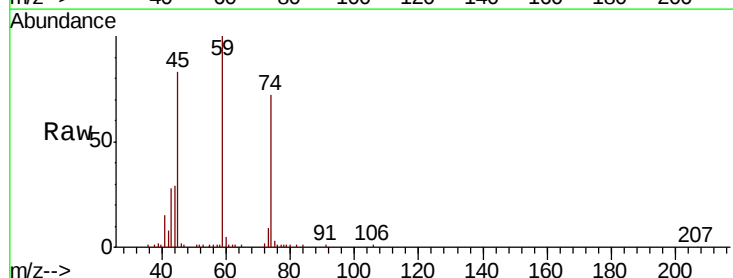
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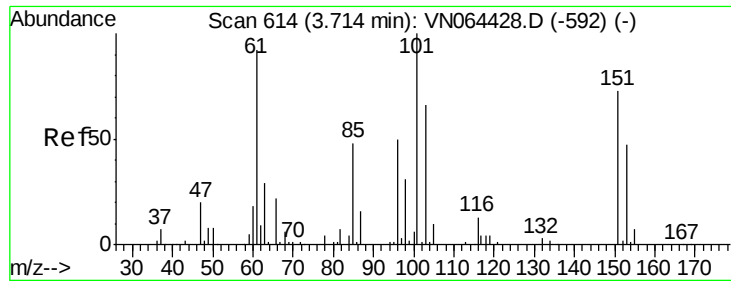


#8

Diethyl Ether
Concen: 18.345 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion: 74 Resp: 49915
Ion Ratio Lower Upper
74 100
45 112.8 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.645 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

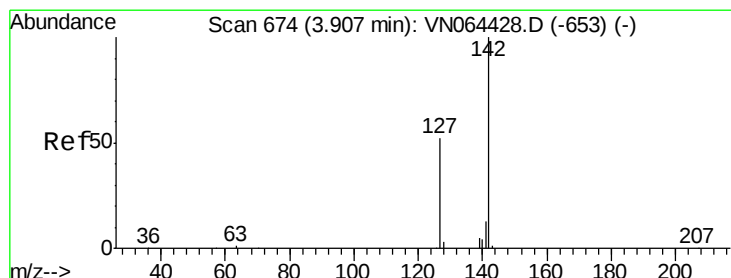
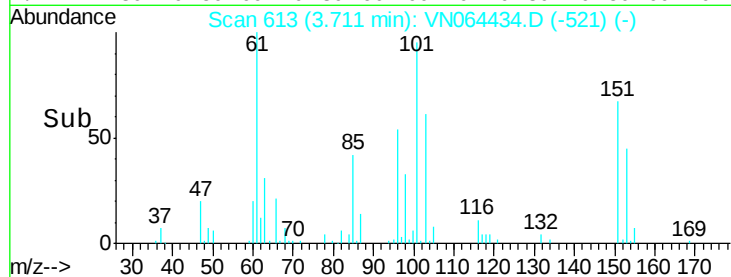
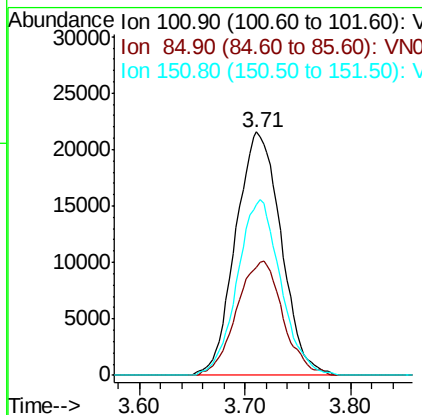
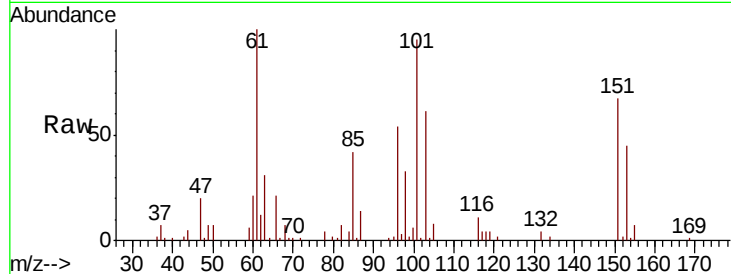
ClientSampleId :

VN1104WBS01

Tot Ion:	101	Resp:	64560
Ion Ratio	Lower	Upper	
101	100		
85	47.8	38.6	57.8
151	68.9	57.5	86.3

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#10

Methyl Iodide

Concen: 16.141 ug/l

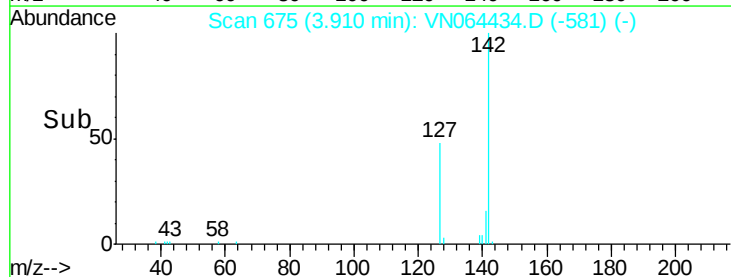
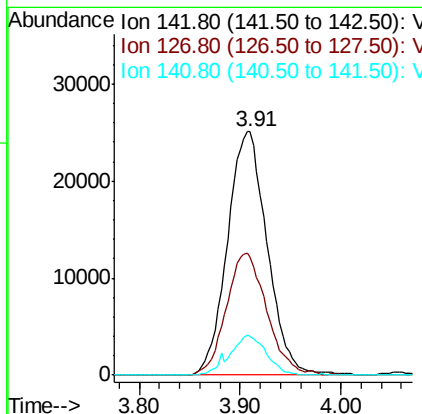
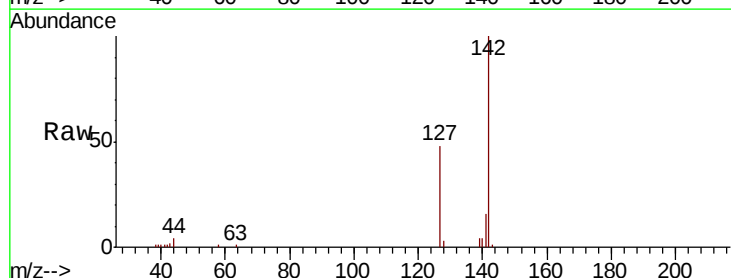
RT: 3.91 min Scan# 675

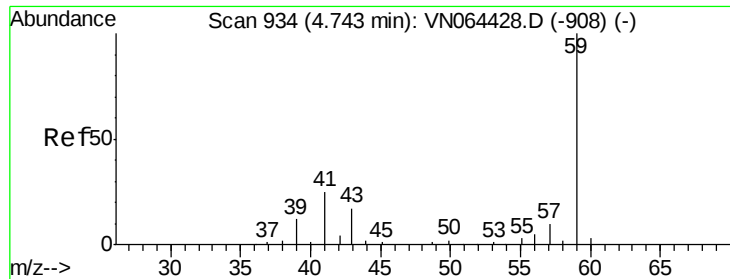
Delta R.T. 0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Tgt Ion:	142	Resp:	68626
Ion Ratio	Lower	Upper	
142	100		
127	50.6	41.8	62.8
141	15.1	11.4	17.2





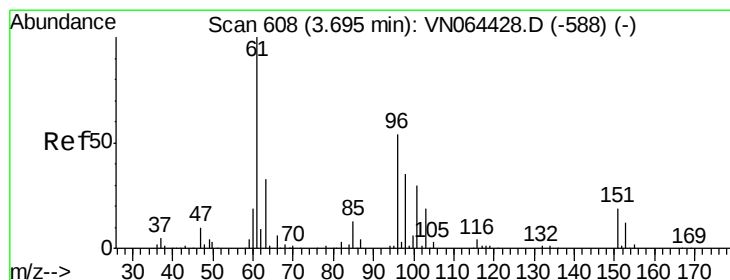
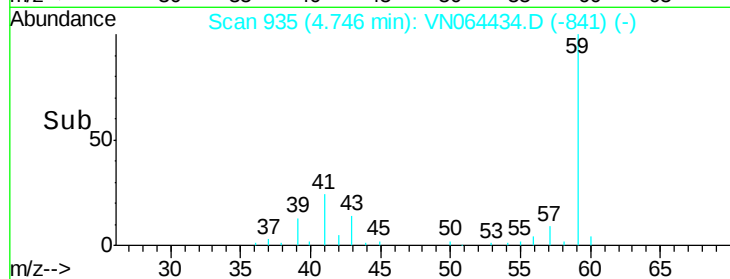
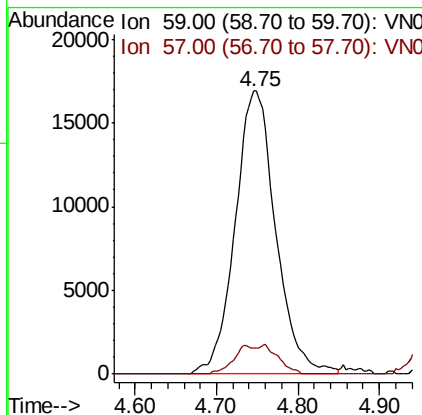
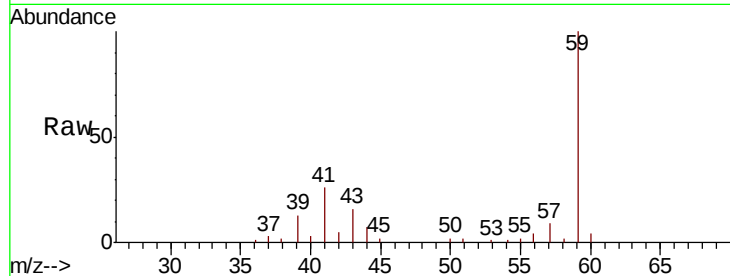
#11
Tert butyl alcohol
Concen: 94.009 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion: 59 Resp: 58195
Ion Ratio Lower Upper
59 100
57 5.7 9.0 13.4#

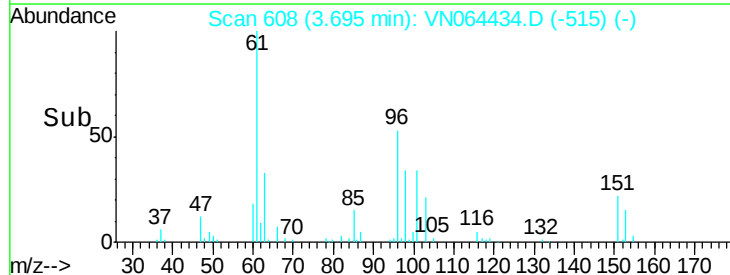
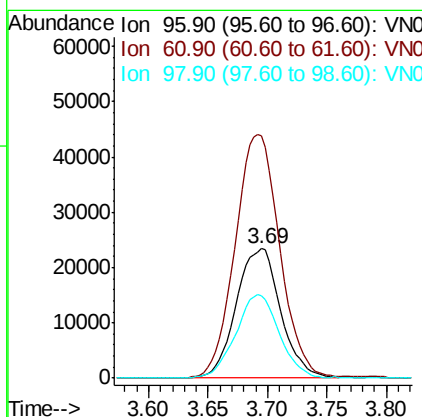
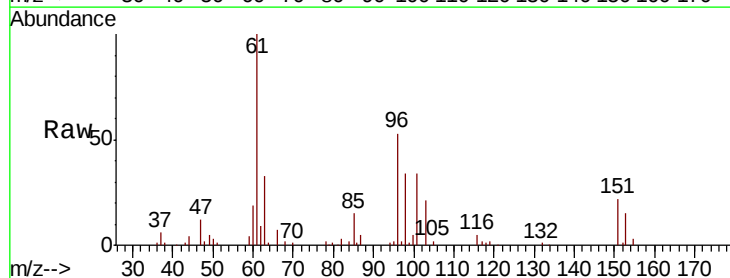
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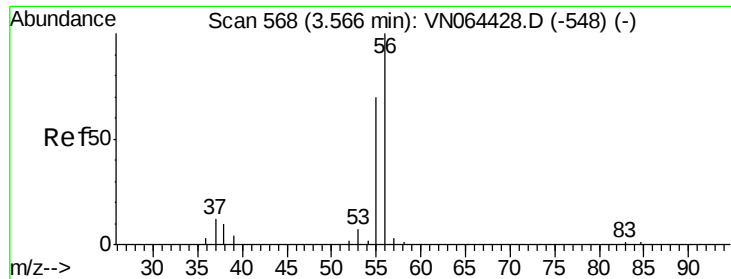
MMDadoda
11/5/2020 2:19:26 PM



#12
1,1-Dichloroethene
Concen: 17.576 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion: 96 Resp: 60577
Ion Ratio Lower Upper
96 100
61 186.5 149.5 224.3
98 63.7 52.4 78.6





#13

Acrolein

Concen: 91.463 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion: 56 Resp: 35120

Ion Ratio Lower Upper

56 100

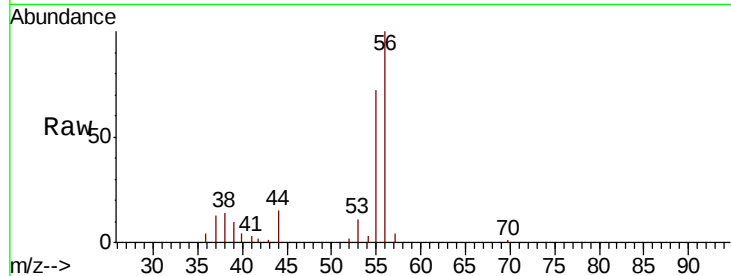
55 74.3 55.9 83.9

Manual Integrations

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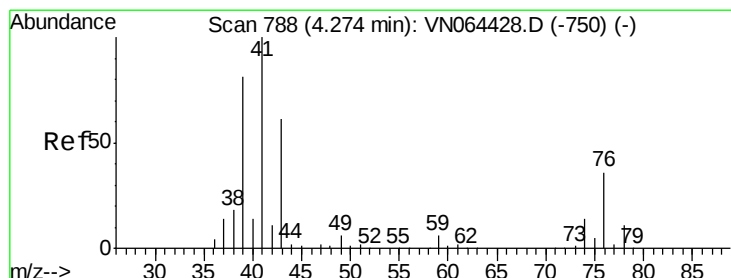
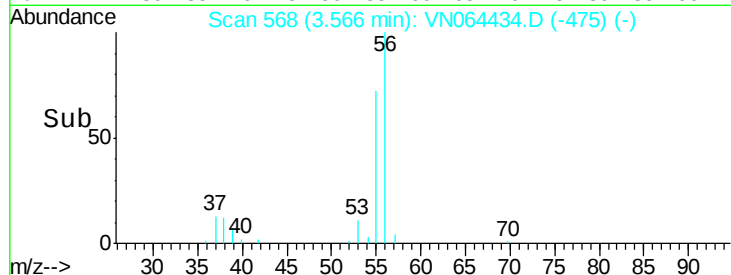
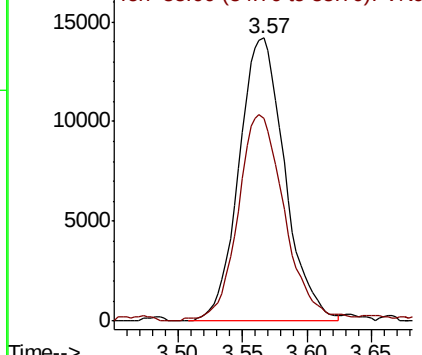
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Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 17.149 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

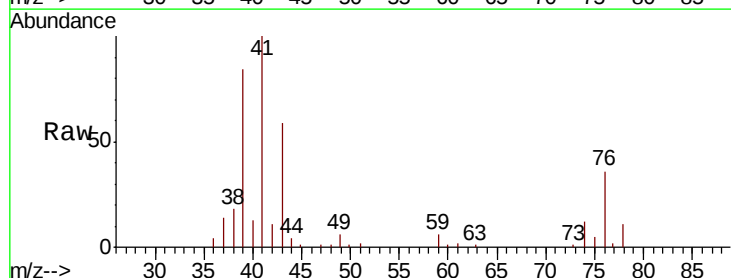
Tgt Ion: 41 Resp: 115624

Ion Ratio Lower Upper

41 100

39 79.3 61.8 92.8

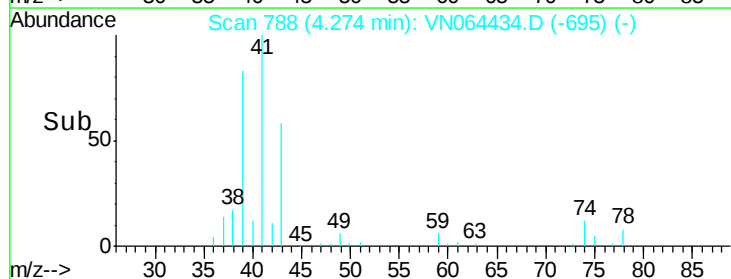
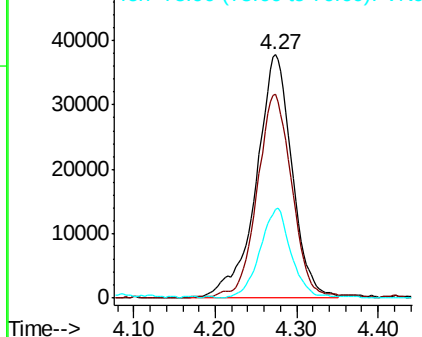
76 32.0 25.4 38.0

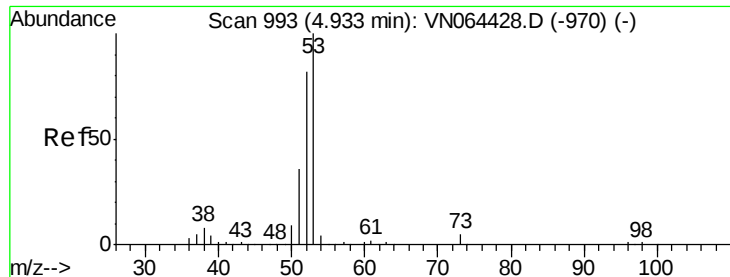


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





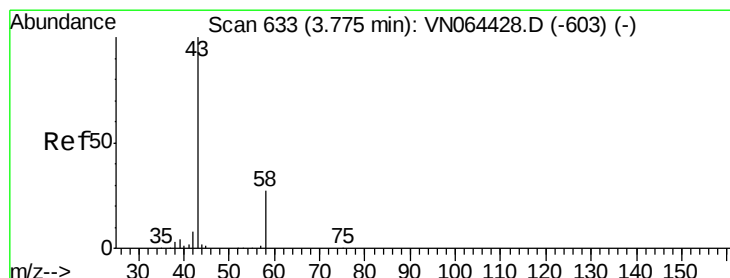
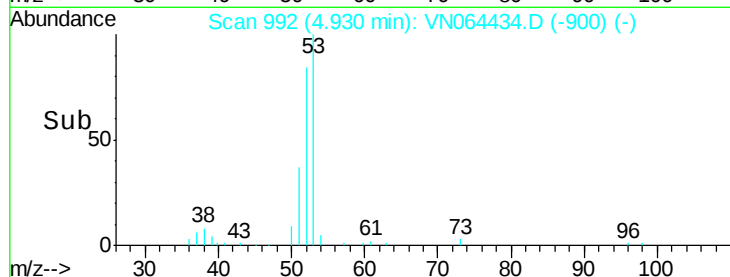
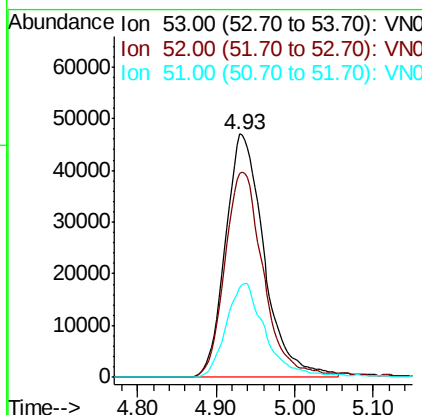
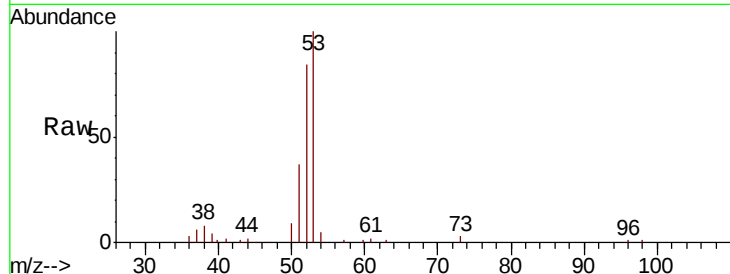
#15
 Acrylonitrile
 Concen: 93.229 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.6	98.4
51	39.0	29.9	44.9

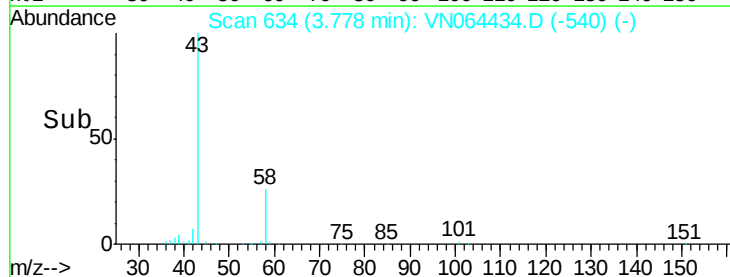
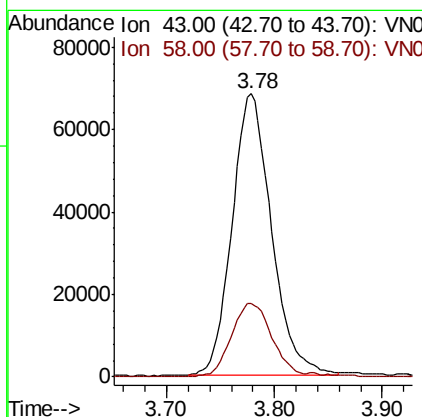
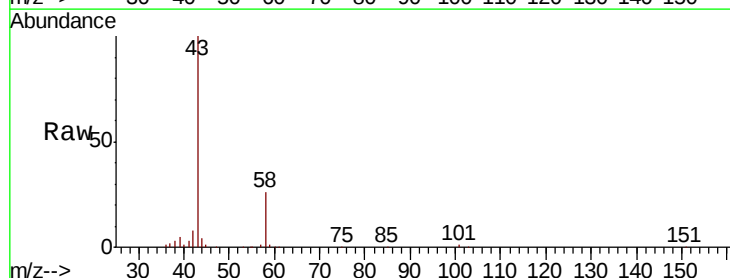
Manual Integrations
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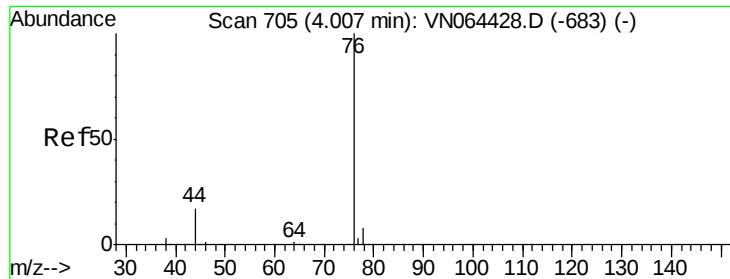
MMDadoda
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#16
 Acetone
 Concen: 81.302 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.0	21.4	32.0





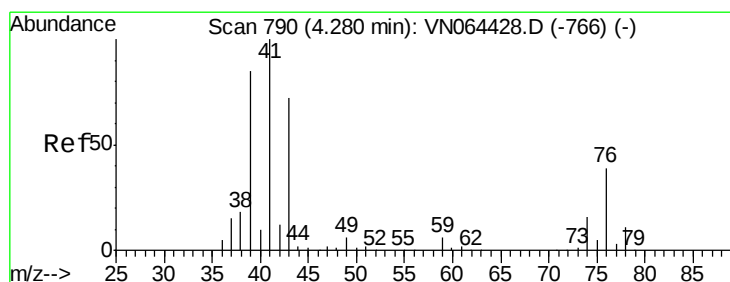
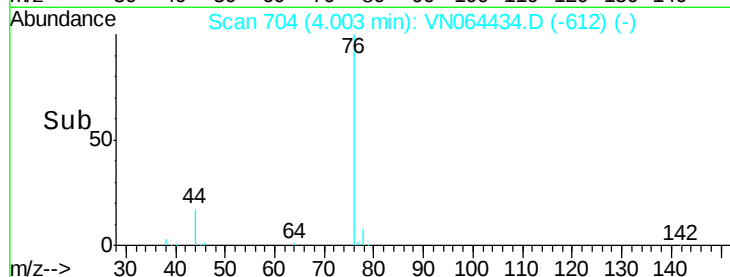
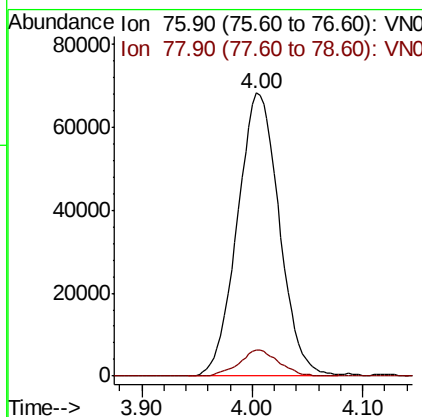
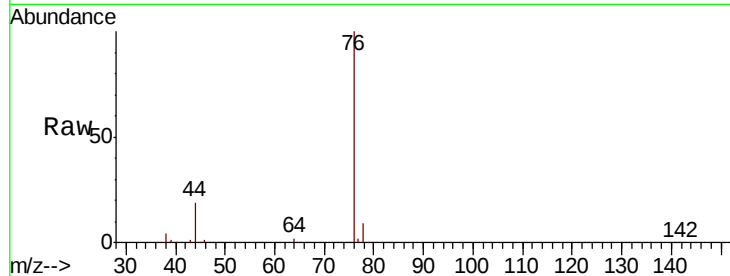
#17
Carbon Disulfide
Concen: 17.428 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	76	Resp	179633
Ion Ratio	Lower	Upper	
76	100		
78	9.4	6.8	10.2

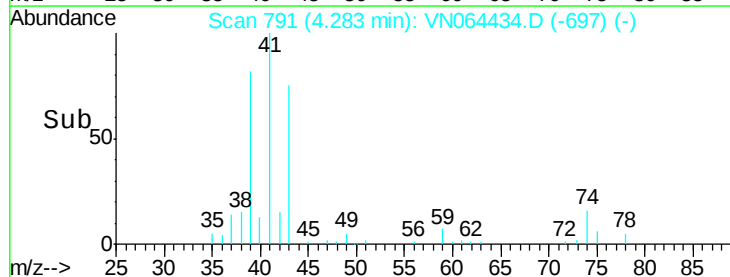
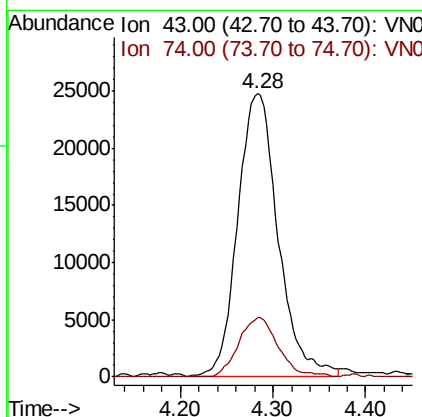
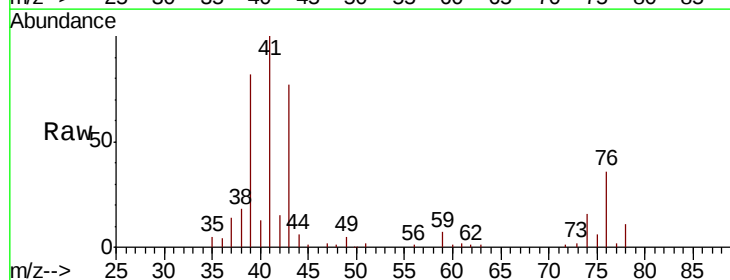
Manual Integrations
APPROVED

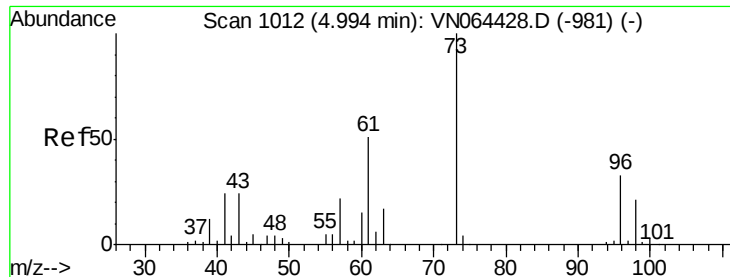
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#18
Methyl Acetate
Concen: 17.874 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	43	Resp	75138
Ion Ratio	Lower	Upper	
43	100		
74	20.5	17.0	25.4





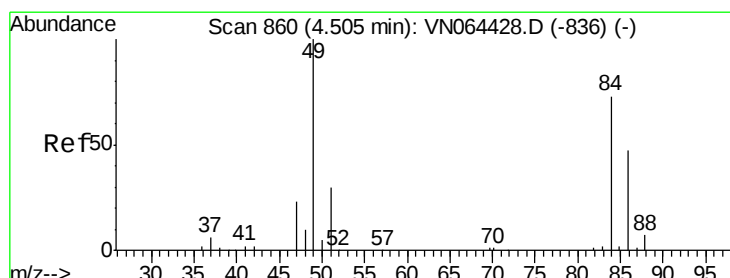
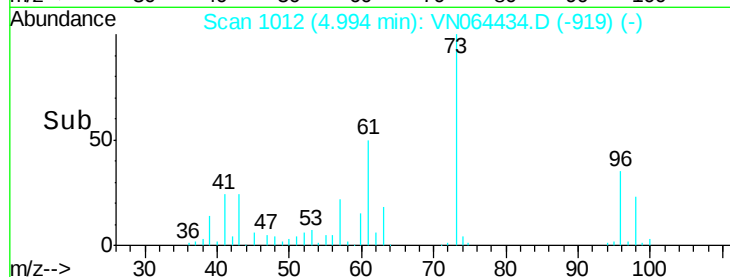
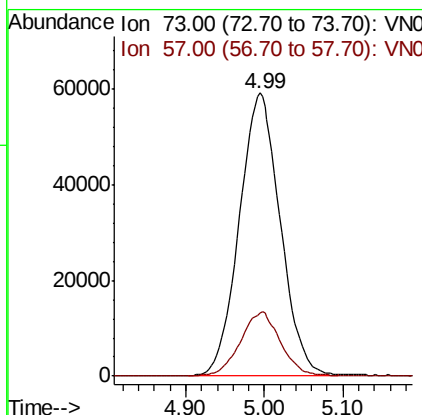
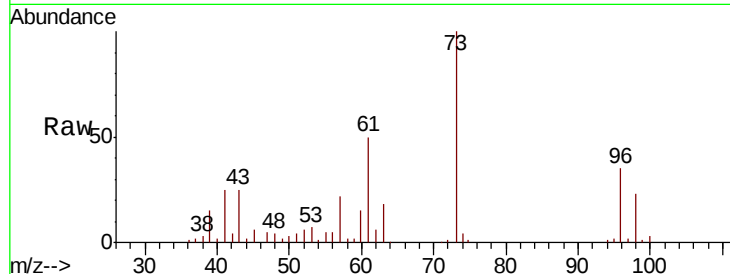
#19
Methvl tert-butvl Ether
Concen: 17.489 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion: 73 Resp: 216939
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

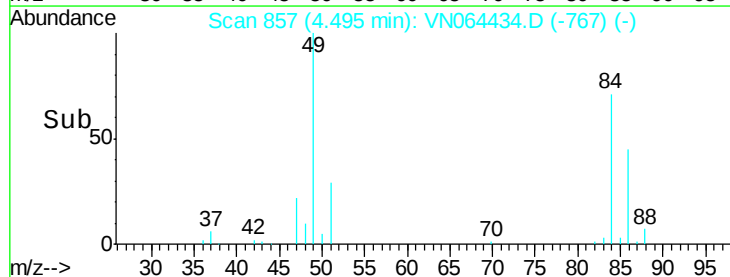
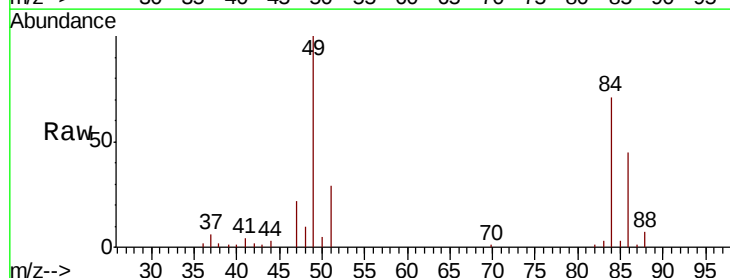
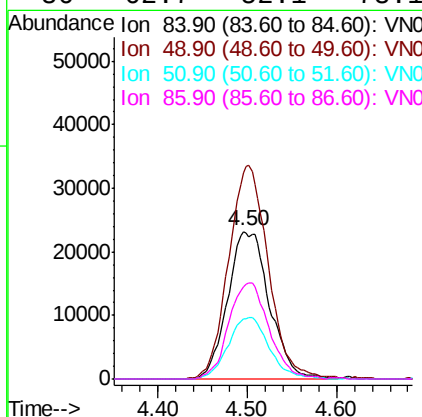
Manual Integrations
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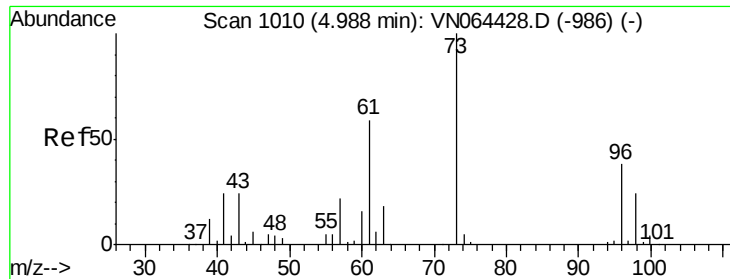
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#20
Methylene Chloride
Concen: 17.708 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion: 84 Resp: 75123
Ion Ratio Lower Upper
84 100
49 139.4 110.1 165.1
51 40.7 33.6 50.4
86 62.7 52.1 78.1





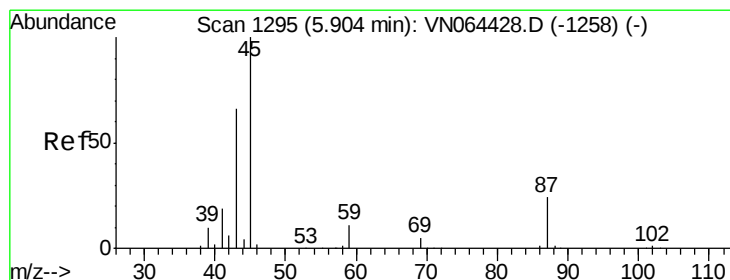
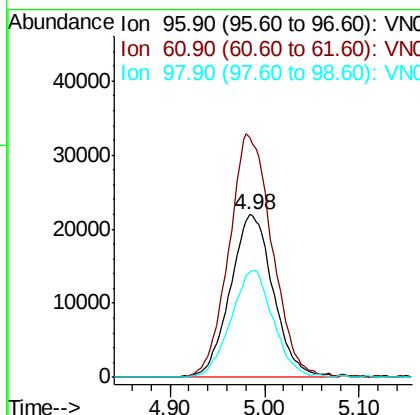
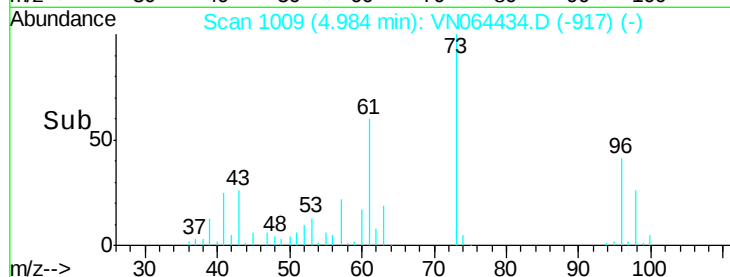
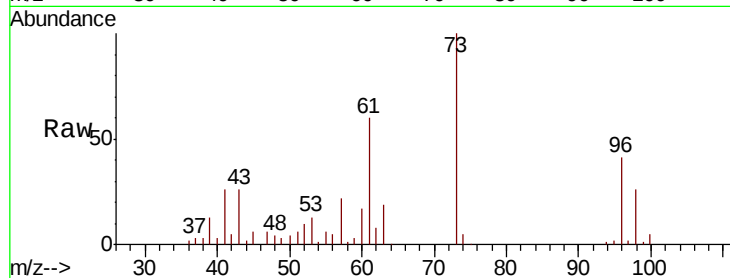
#21
trans-1,2-Dichloroethene
Concen: 17.696 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	122.4	183.6
98	64.7	50.4	75.6

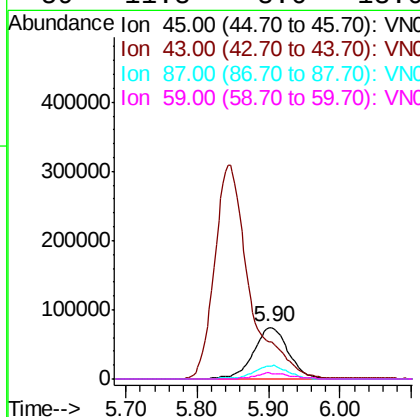
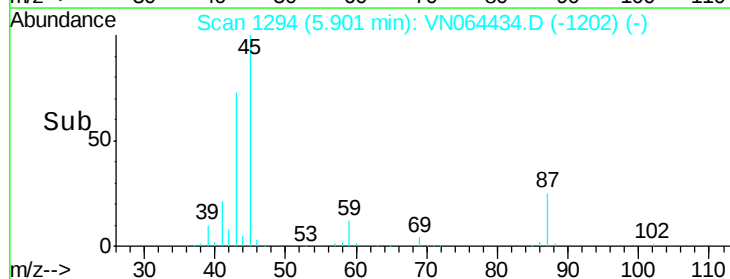
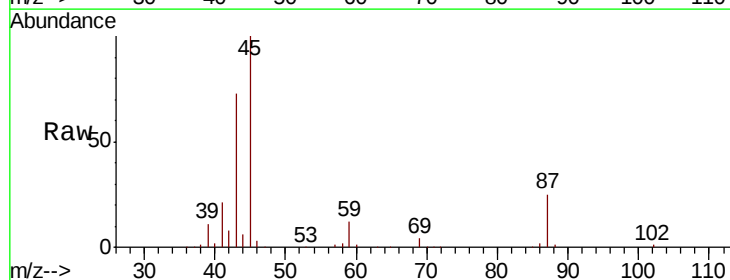
Manual Integrations
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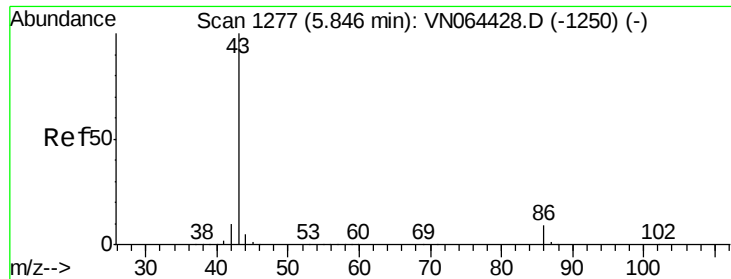
MMDadoda
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#22
Diisopropyl ether
Concen: 17.674 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.2	53.2	79.8
87	24.4	19.9	29.9
59	11.8	8.6	13.0





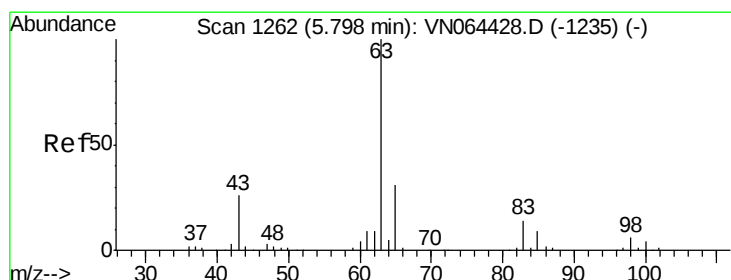
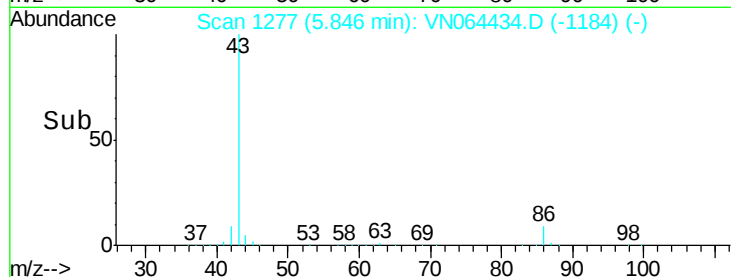
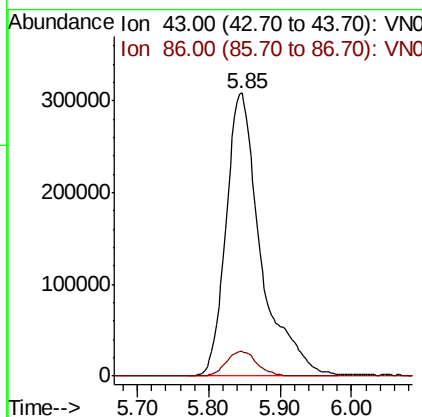
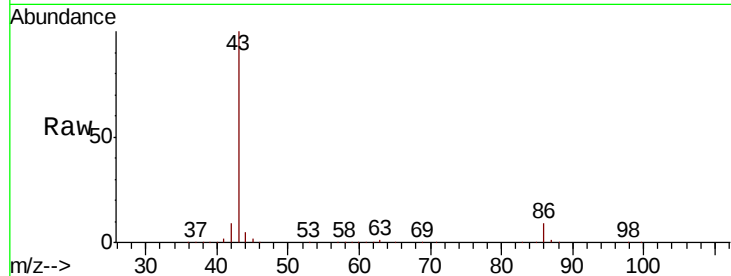
#23
 Vinyl Acetate
 Concen: 89.959 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion: 43 Resp: 1047369
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.8 10.2

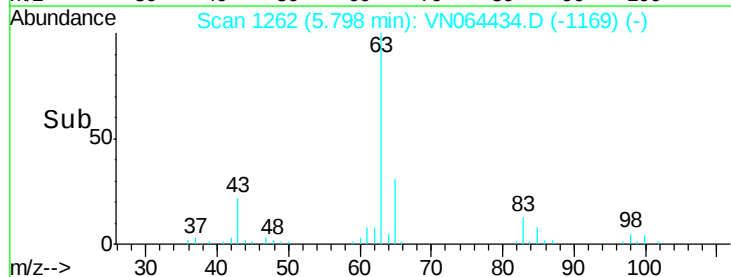
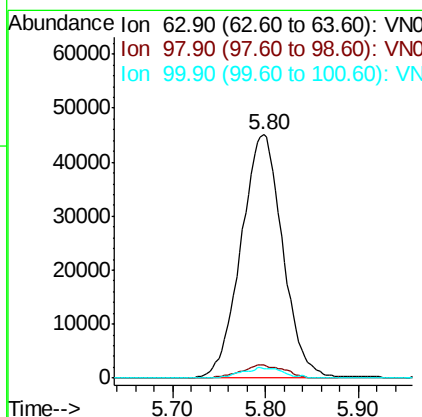
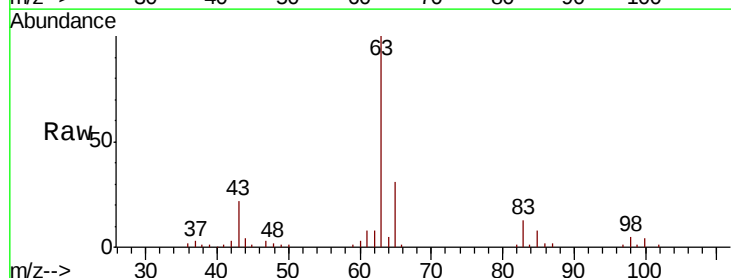
Manual Integrations
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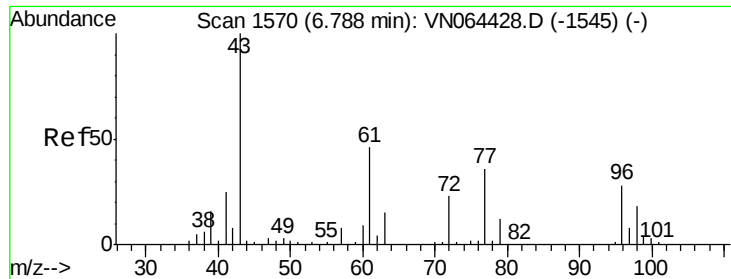
MMDadoda
 11/5/2020 2:19:26 PM



#24
 1,1-Dichloroethane
 Concen: 17.870 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion: 63 Resp: 140541
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.0 9.2
 100 4.0 1.8 5.3





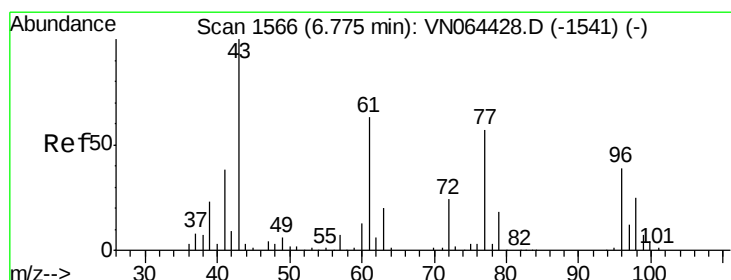
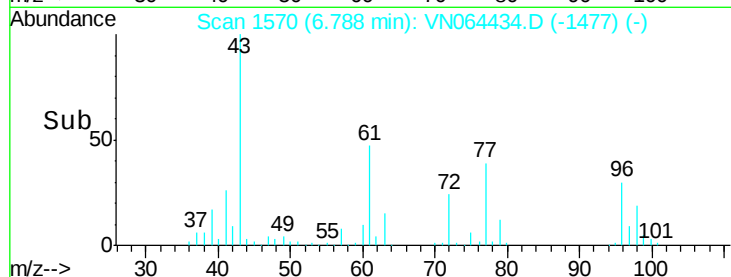
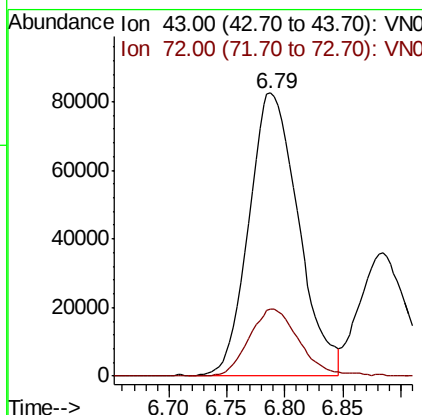
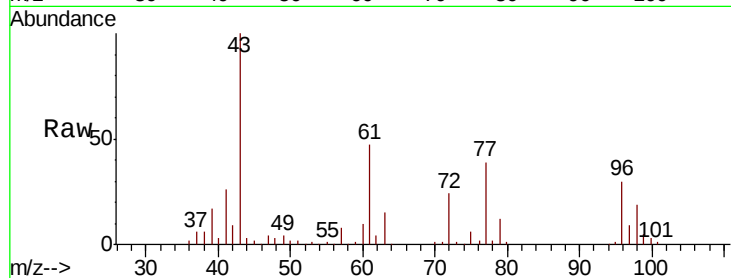
#25
2-Butanone
Concen: 89.547 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion: 43 Resp: 243964
Ion Ratio Lower Upper
43 100
72 24.0 18.5 27.7

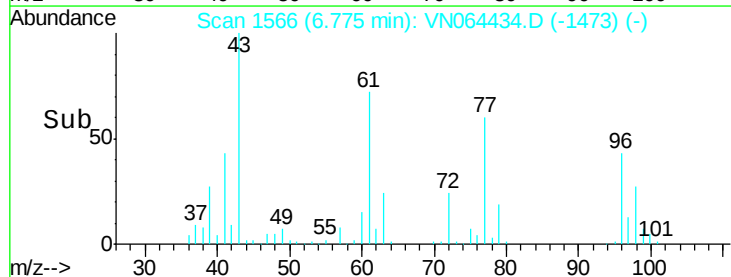
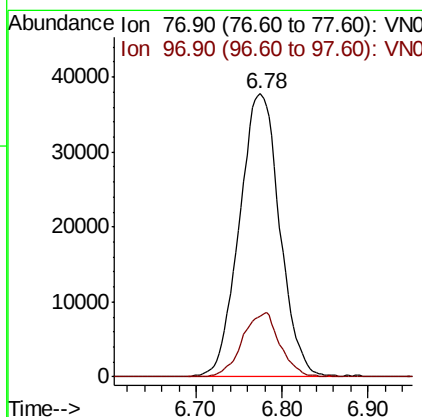
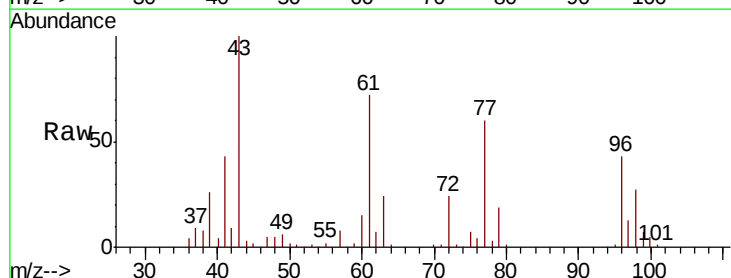
Manual Integrations
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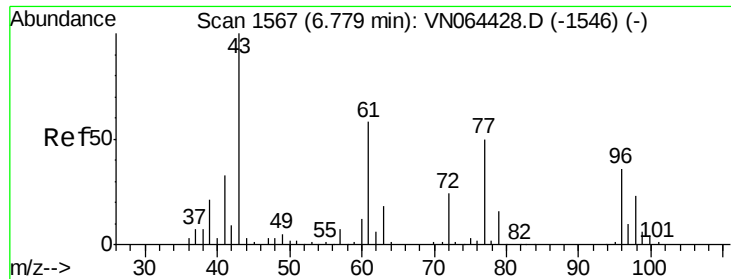
MMDadoda
11/5/2020 2:19:26 PM



#26
2,2-Dichloropropane
Concen: 17.332 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion: 77 Resp: 123388
Ion Ratio Lower Upper
77 100
97 21.1 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.733 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

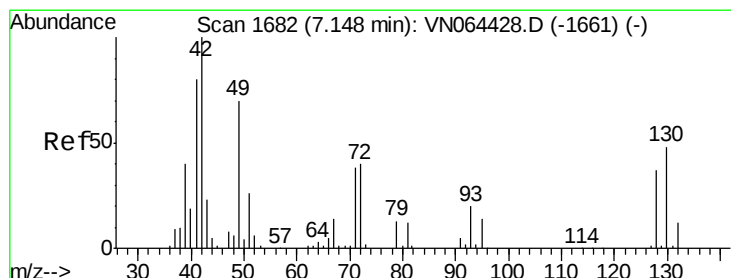
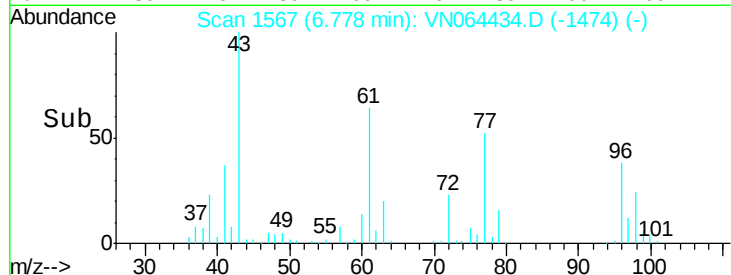
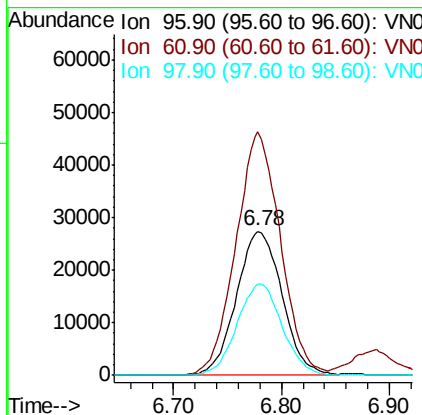
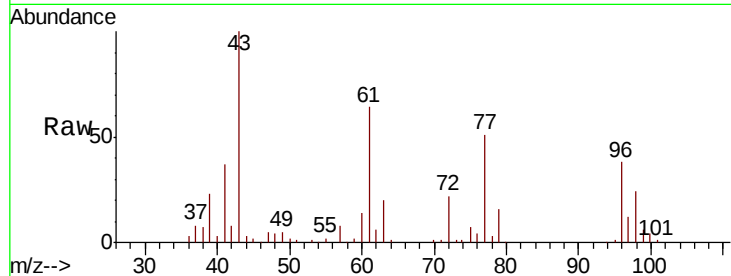
ClientSampleId :

VN1104WBS01

Tot Ion:	96	Resp:	80412
Ion	Ratio	Lower	Upper
96	100		
61	165.2	0.0	329.6
98	62.9	0.0	131.2

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#28

Bromochloromethane

Concen: 18.513 ug/l

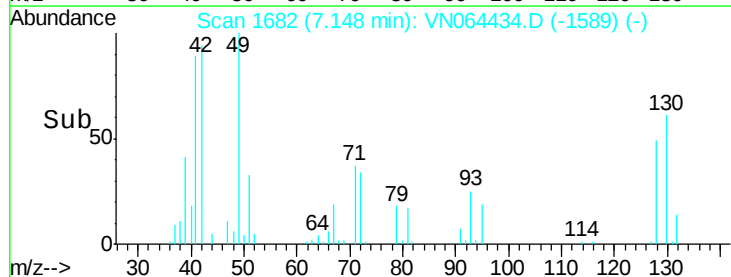
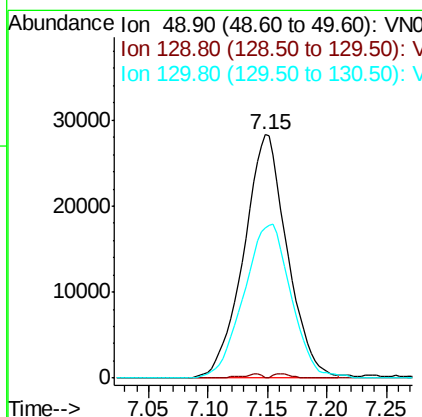
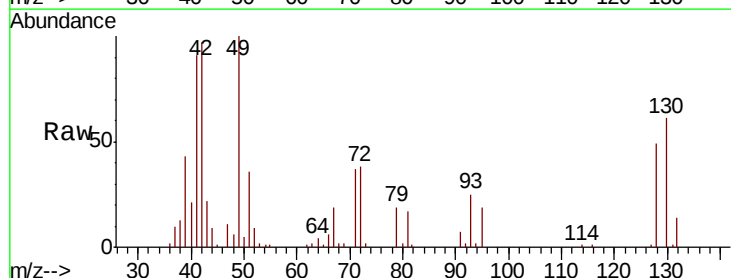
RT: 7.15 min Scan# 1682

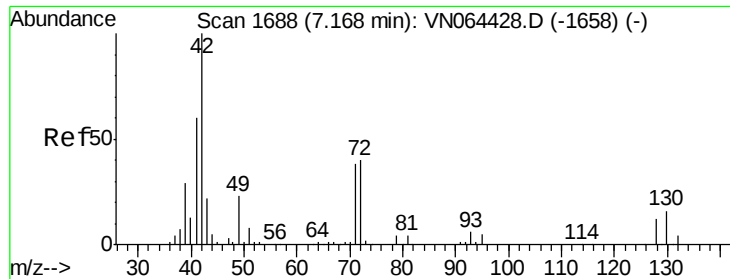
Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Tgt Ion:	49	Resp:	71566
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.6
130	68.6	54.2	81.4





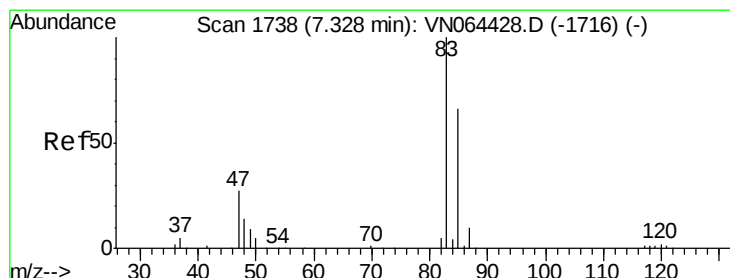
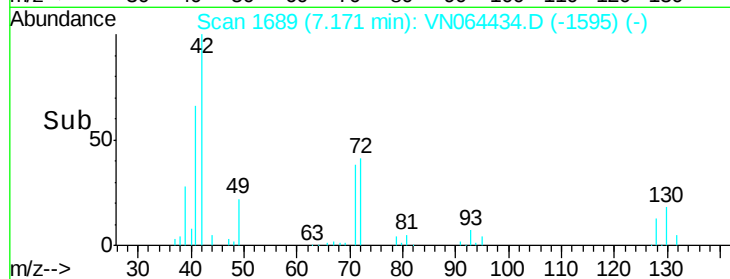
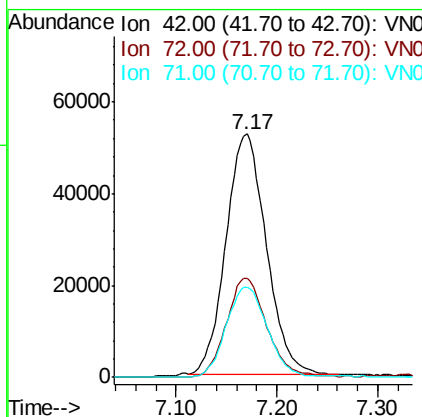
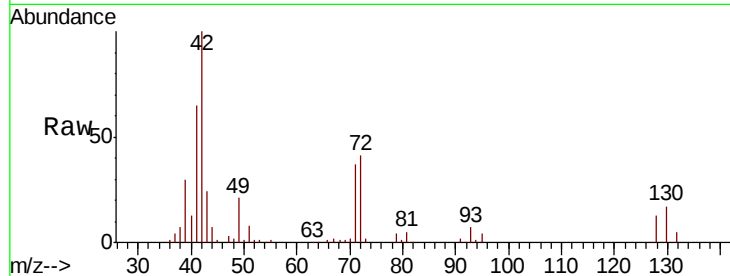
#29
Tetrahydrofuran
Concen: 87.421 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	31.7	47.5
71	38.4	29.8	44.6

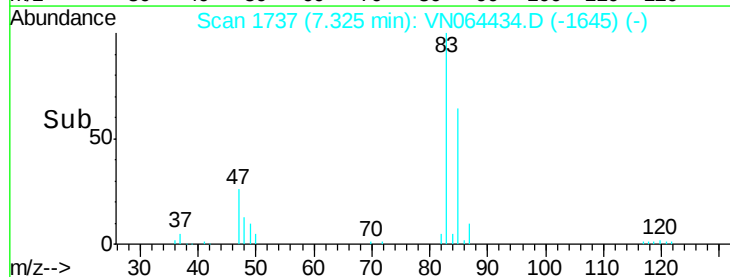
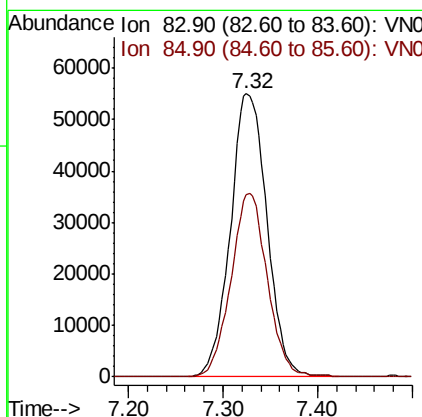
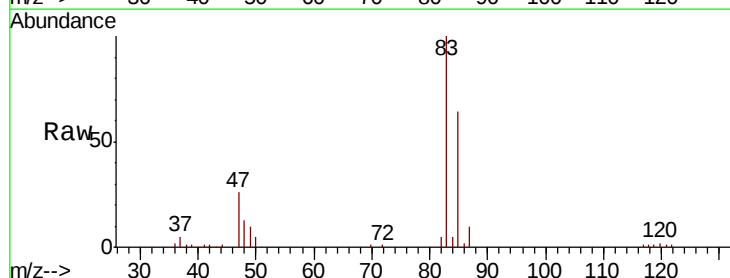
Manual Integrations
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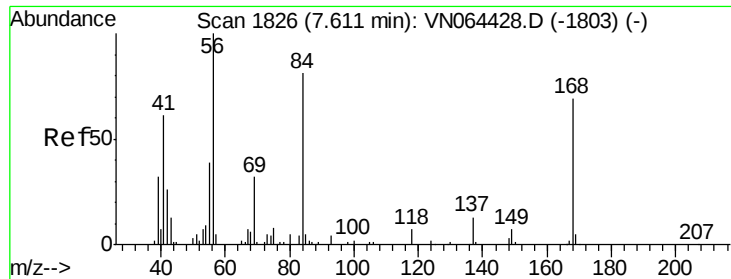
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#30
Chloroform
Concen: 17.855 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.5	78.7





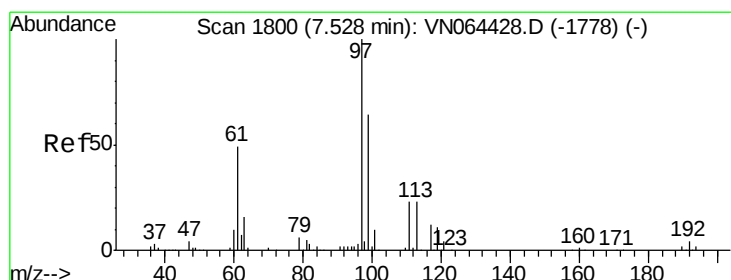
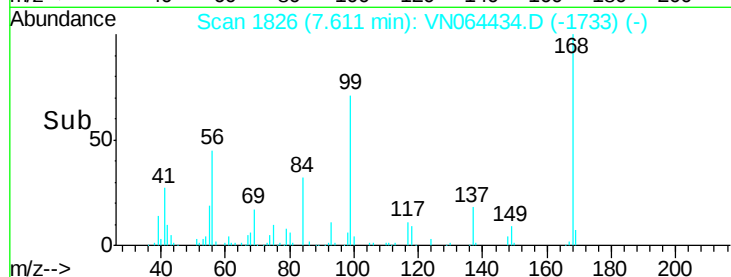
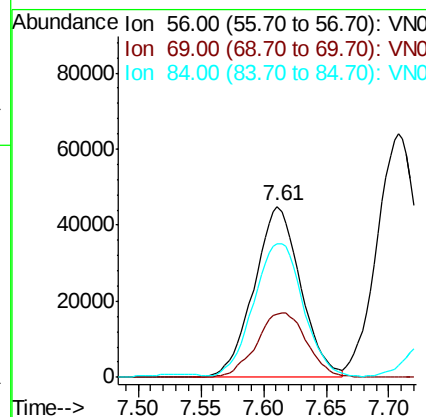
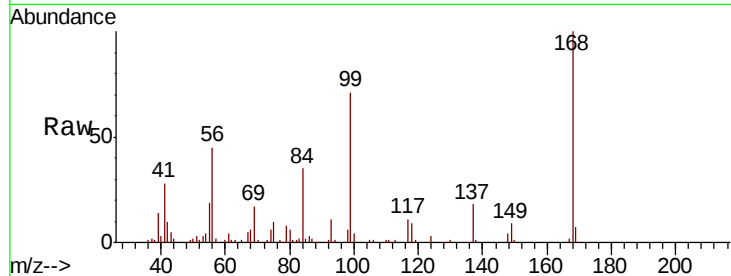
#31
Cyclohexane
Concen: 17.017 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.3	25.6	38.4
84	76.4	63.0	94.6

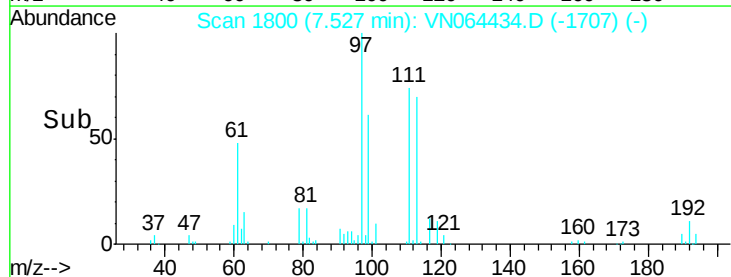
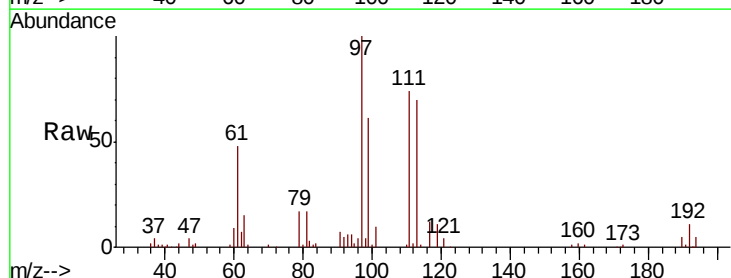
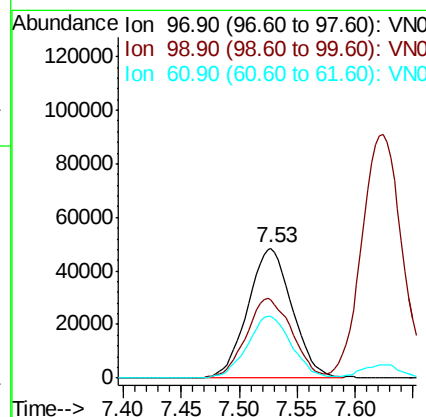
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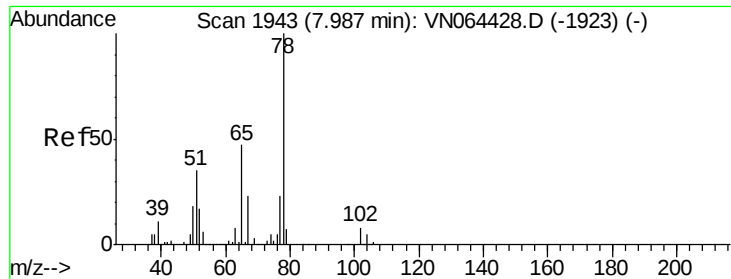
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#32
1,1,1-Trichloroethane
Concen: 17.614 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.3	76.9
61	47.6	39.1	58.7





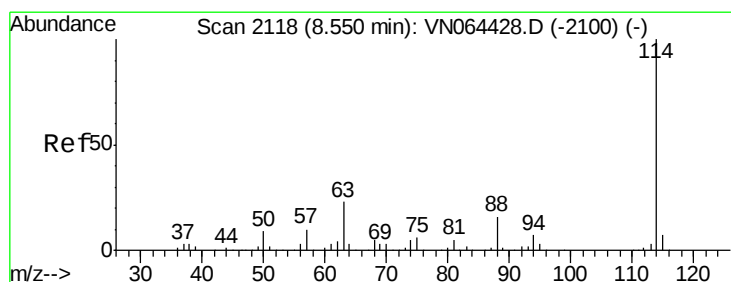
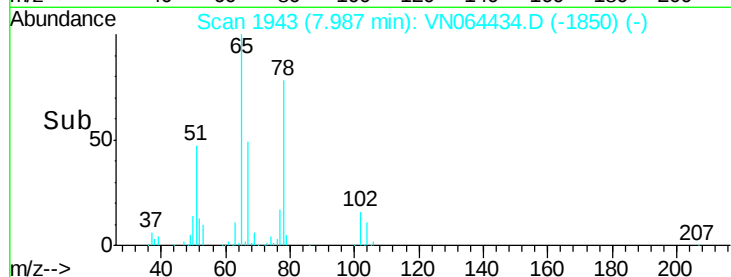
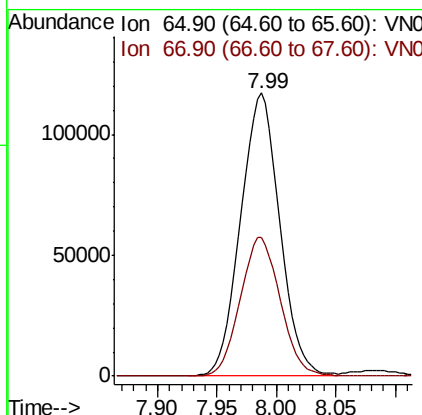
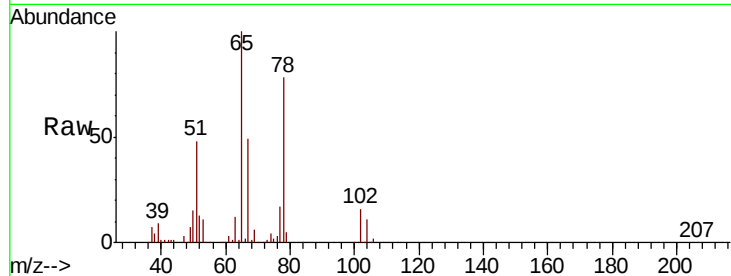
#33
 1,2-Dichloroethane-d4
 Concen: 47.633 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampled :
 VN1104WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	267381		
67	50.1	0.0	101.6	

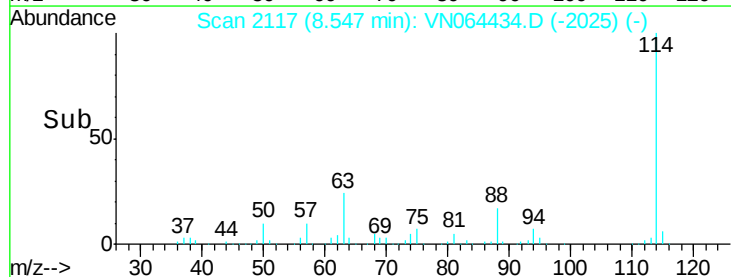
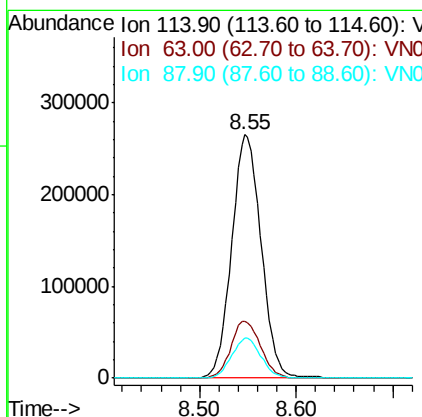
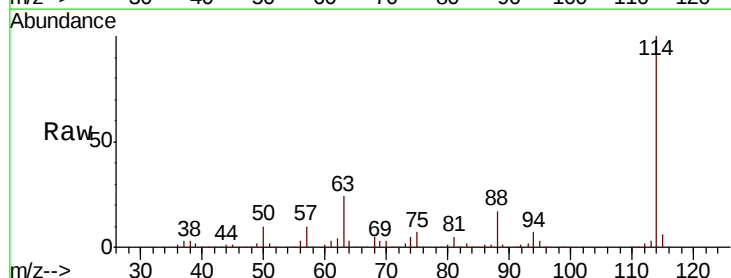
Manual Integrations
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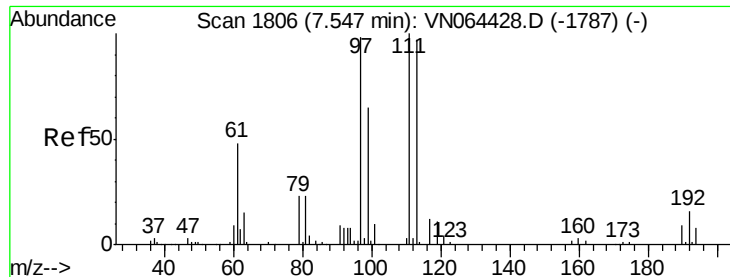
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	561222		
63	23.5	0.0	45.6	
88	16.7	0.0	32.8	





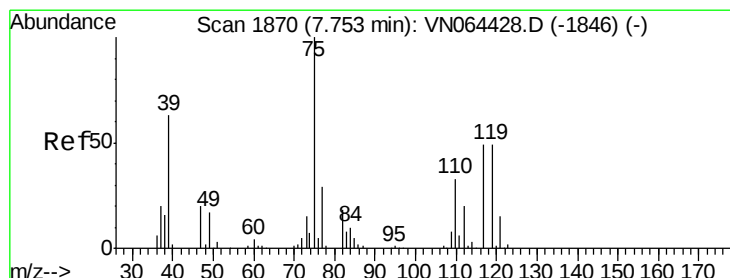
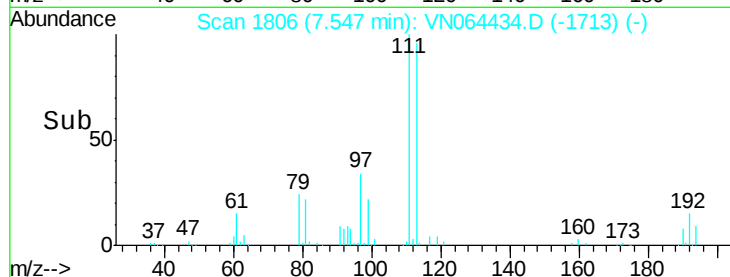
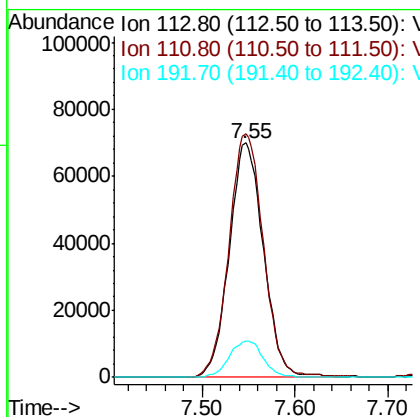
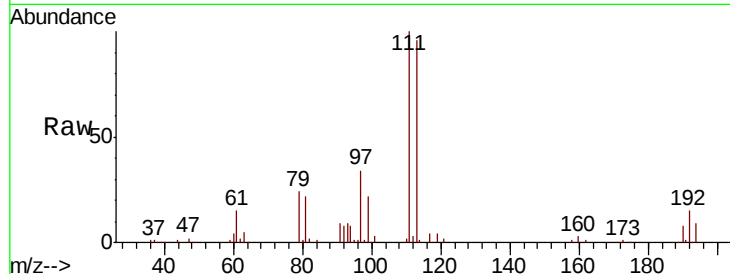
#35
 Dibromofluoromethane
 Concen: 46.852 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.1	121.7
192	15.5	12.8	19.2

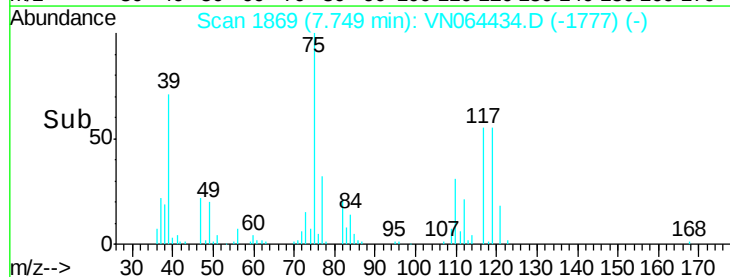
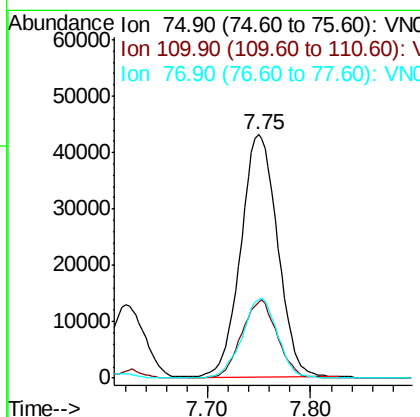
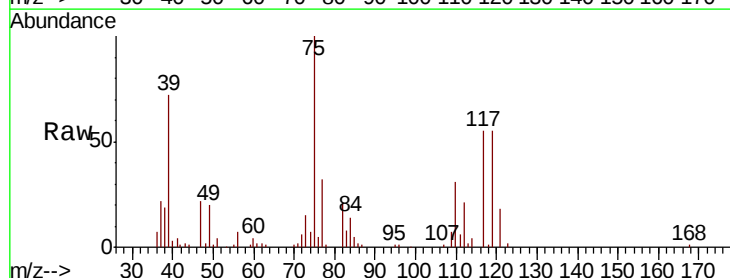
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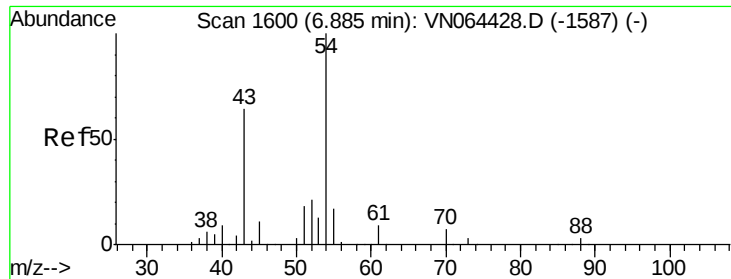
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#36
 1,1-Dichloropropene
 Concen: 18.018 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.2	16.0	48.0
77	31.6	24.0	36.0





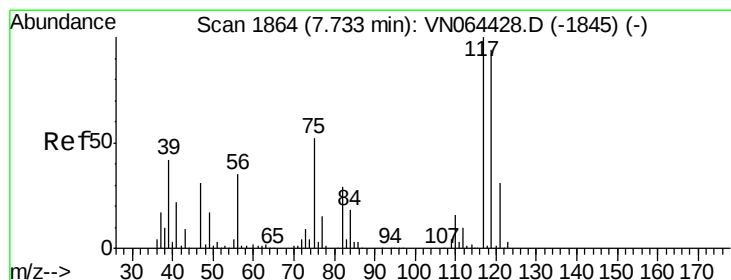
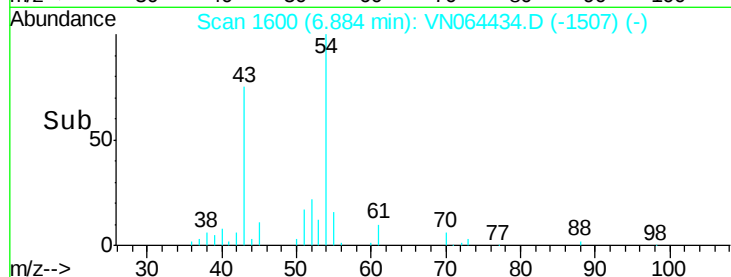
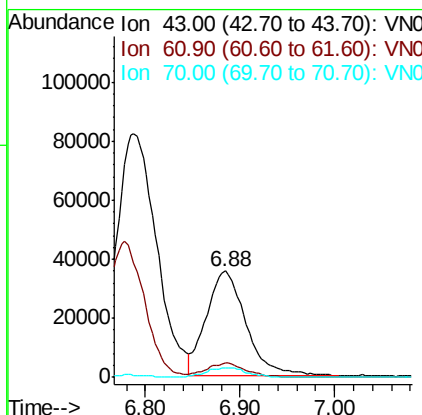
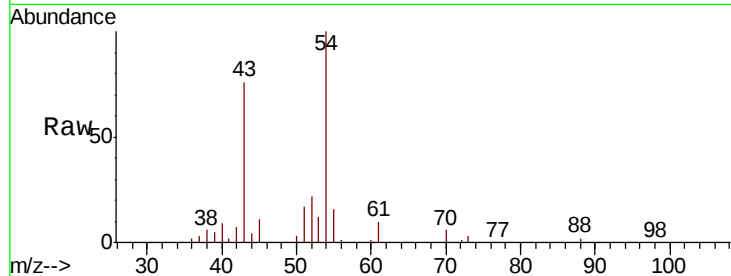
#37
Ethyl Acetate
Concen: 17.775 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampled :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.0	15.0
70	9.4	7.1	10.7

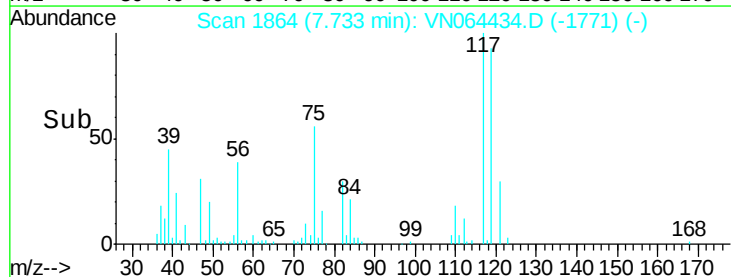
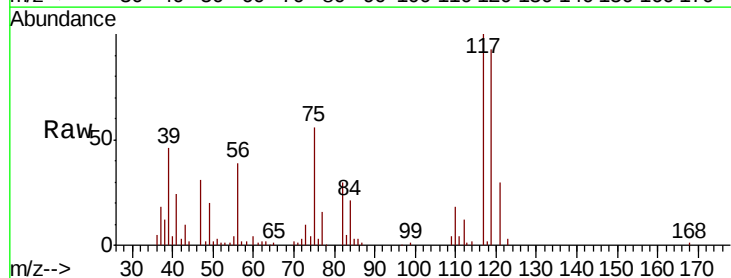
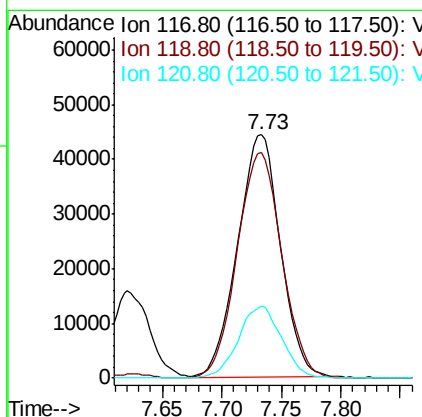
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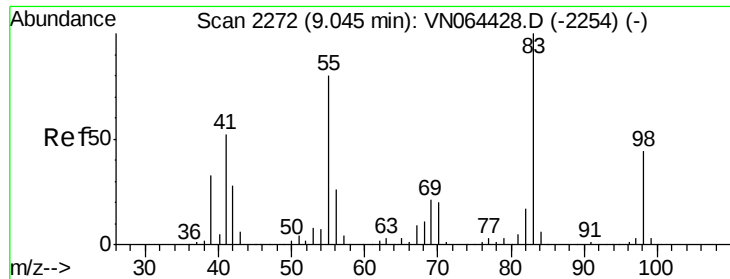
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#38
Carbon Tetrachloride
Concen: 17.434 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.5	113.3
121	29.7	24.4	36.6





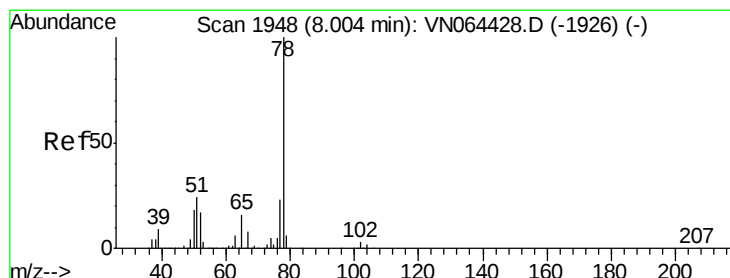
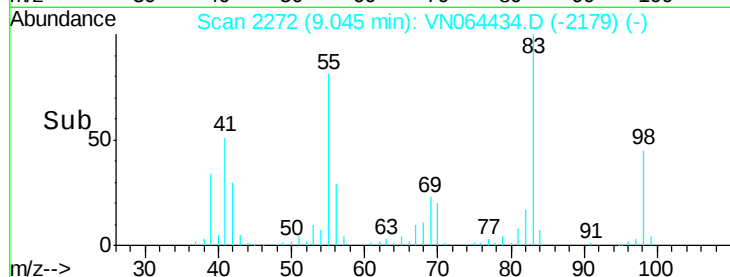
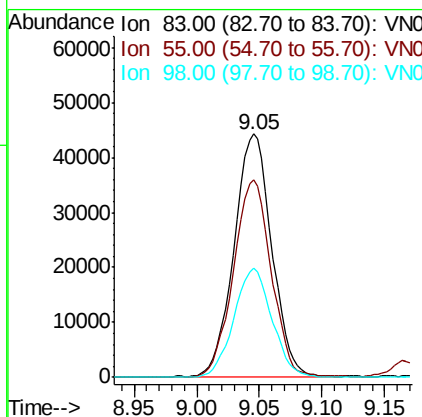
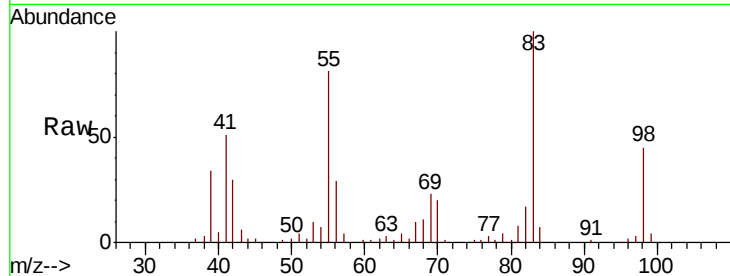
#39
Methvlcvclohexane
Concen: 17.487 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	63.8	95.6
98	45.1	35.4	53.2

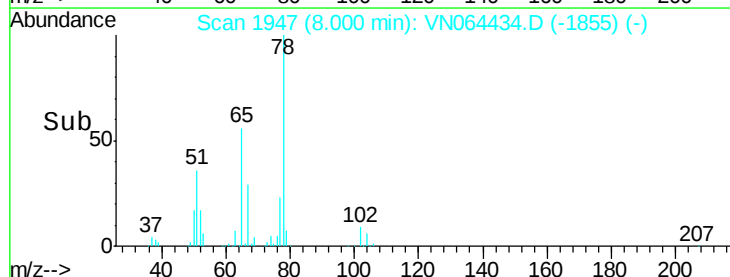
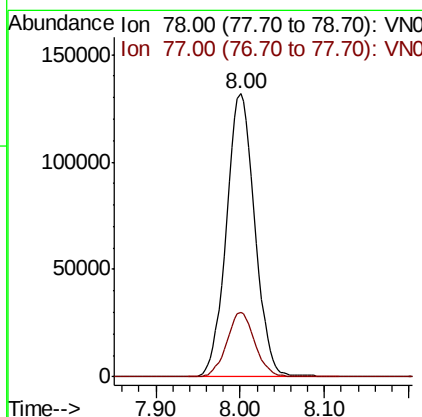
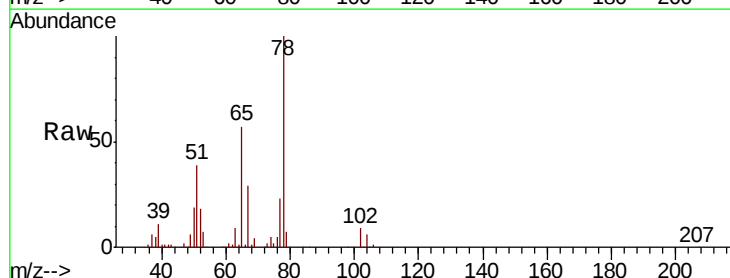
Manual Integrations
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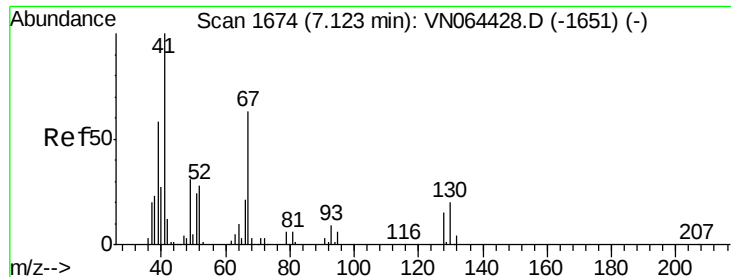
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#40
Benzene
Concen: 17.698 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1





#41

Methacrylonitrile

Concen: 19.019 ug/l m

RT: 7.12 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

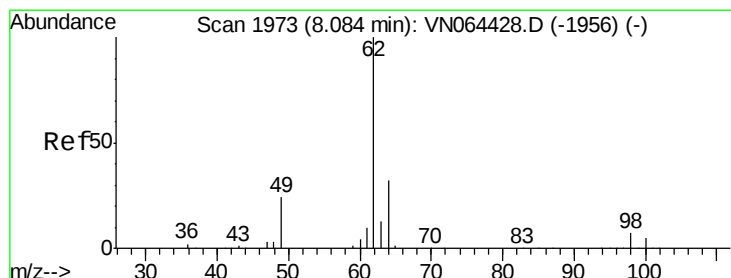
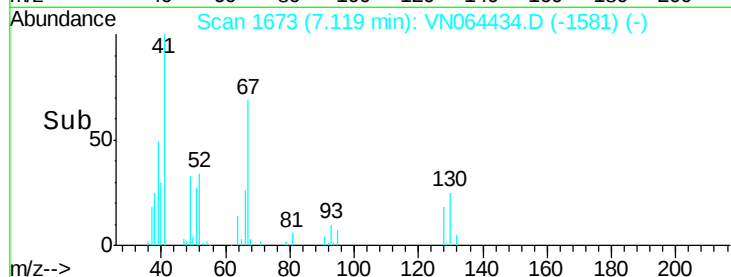
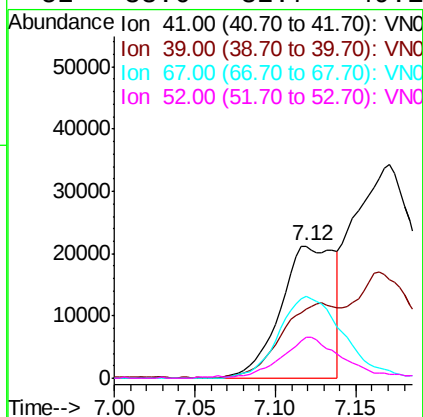
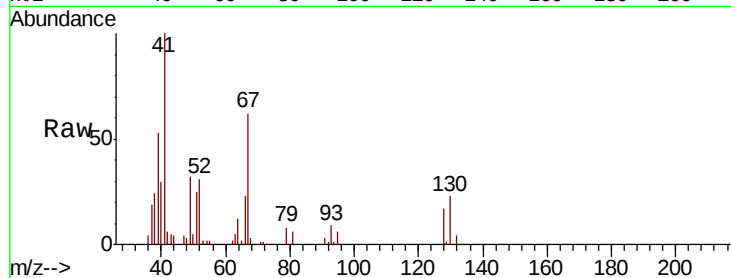
ClientSampleId :

VN1104WBS01

Tot Ion:	41	Resp:	49992
Ion	Ratio	Lower	Upper
41	100		
39	60.9	50.0	75.0
67	73.8	68.3	102.5
52	33.6	32.7	49.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.521 ug/l

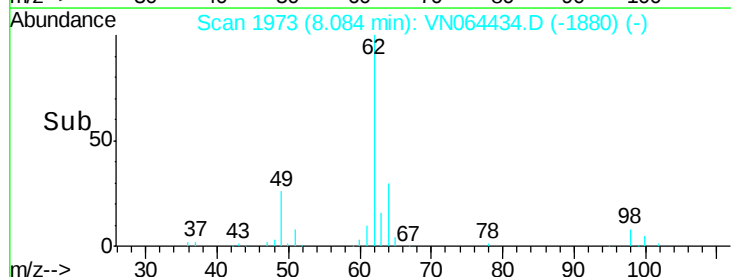
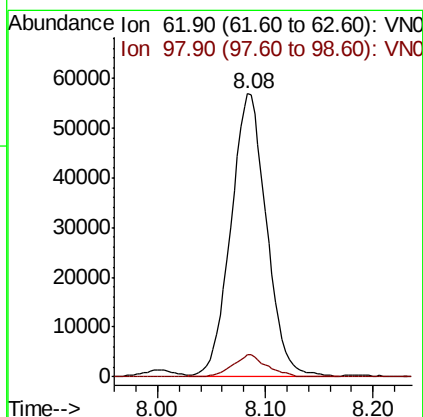
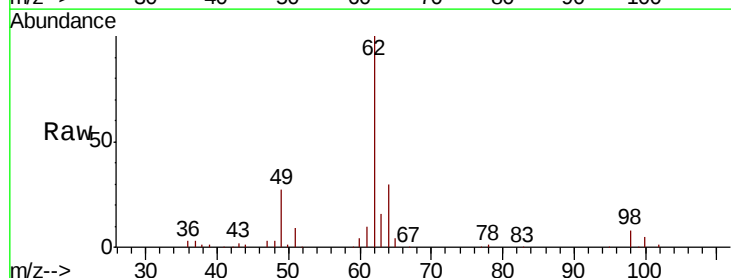
RT: 8.08 min Scan# 1973

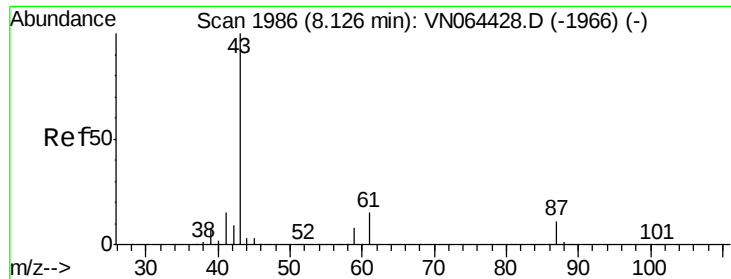
Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Tgt Ion:	62	Resp:	130217
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	14.0





#43

Isopropyl Acetate

Concen: 17.932 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

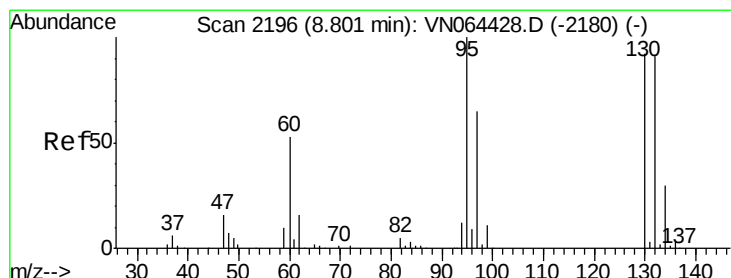
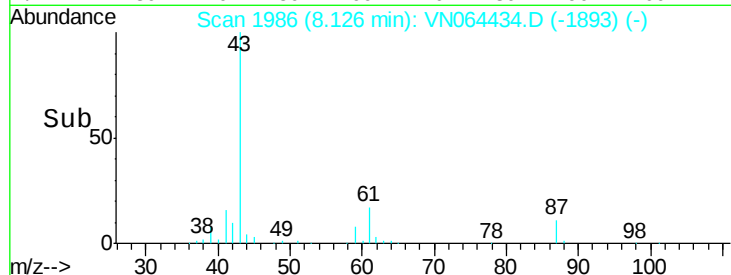
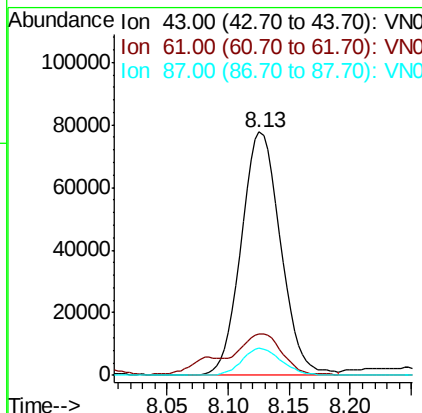
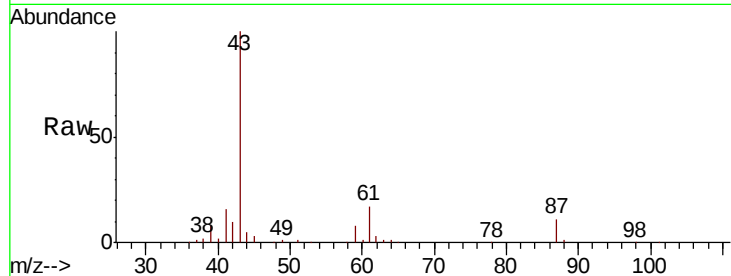
ClientSampleId :

VN1104WBS01

Tot Ion:	43	Resp:	172301
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.0	21.0
87	11.2	9.1	13.7

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#44

Trichloroethene

Concen: 17.637 ug/l

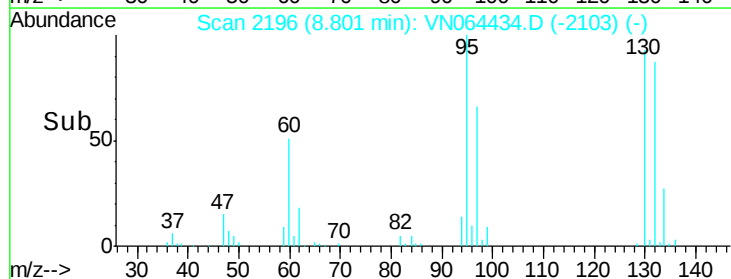
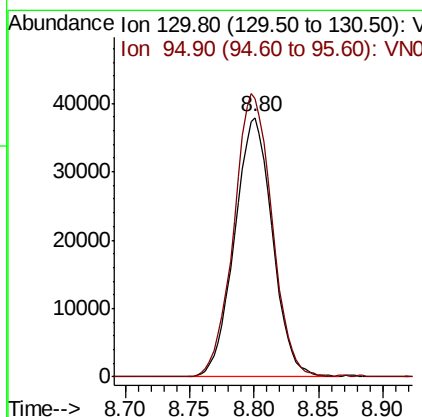
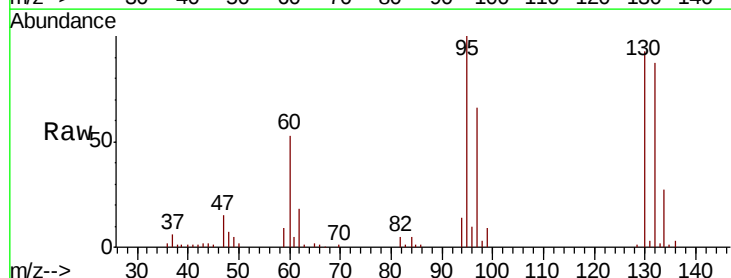
RT: 8.80 min Scan# 2196

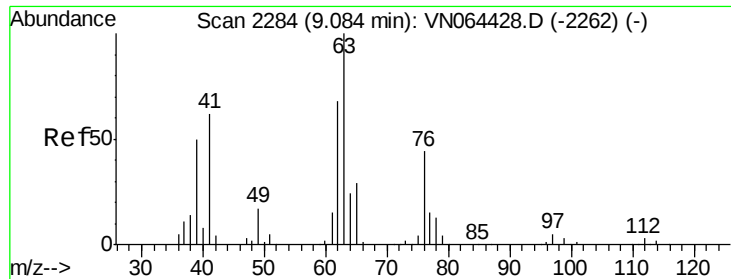
Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Tgt Ion:	130	Resp:	77527
Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	216.8





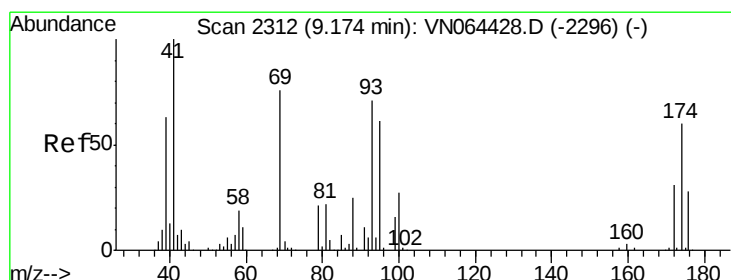
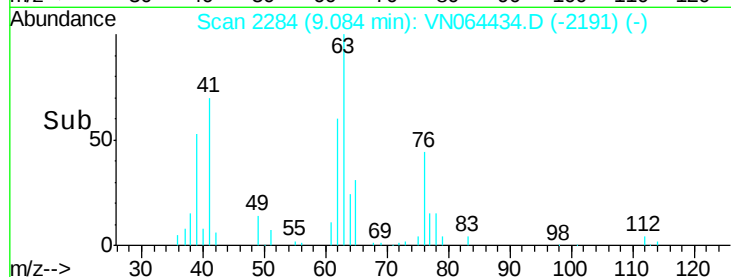
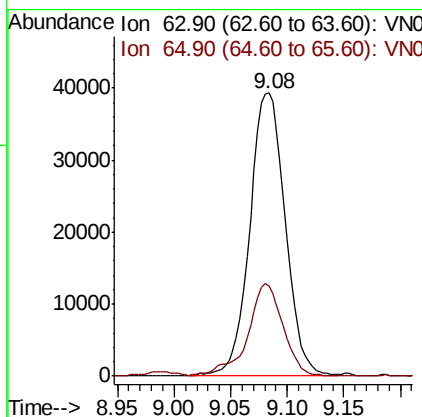
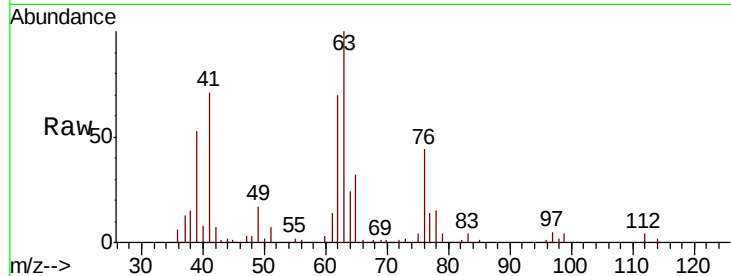
#45
 1,2-Dichloropropane
 Concen: 18.437 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion: 63 Resp: 85706
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.6 35.4

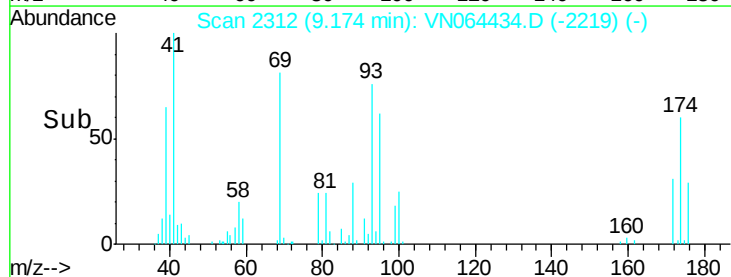
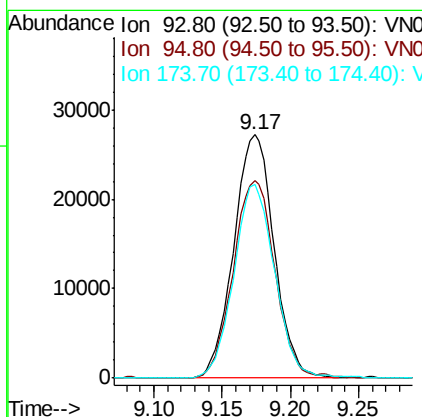
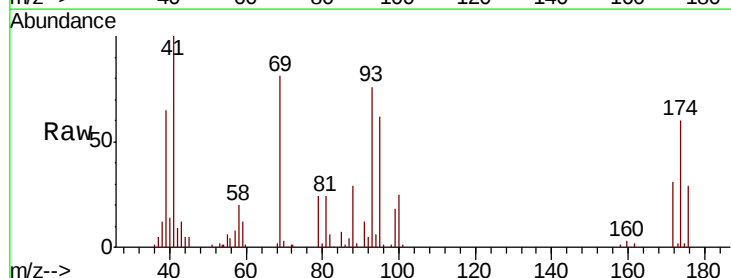
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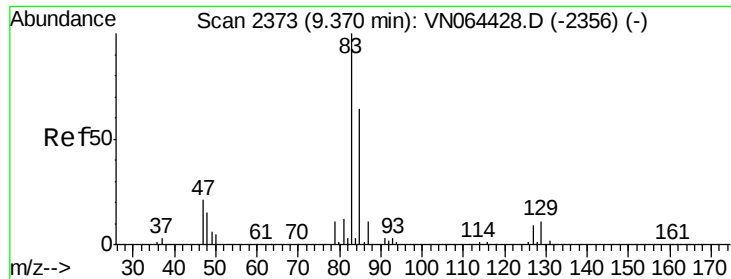
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#46
 Dibromomethane
 Concen: 18.264 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion: 93 Resp: 55892
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.4 99.6
 174 80.4 67.2 100.8





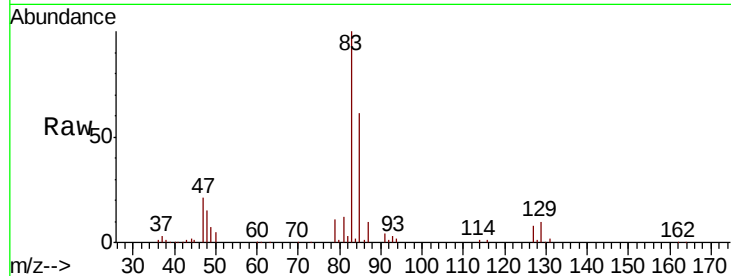
#47
Bromodichloromethane
Concen: 17.775 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	83	Resp	116957
Ion Ratio	100		
83	100		
85	60.7	51.2	76.8
127	8.2	6.9	10.3

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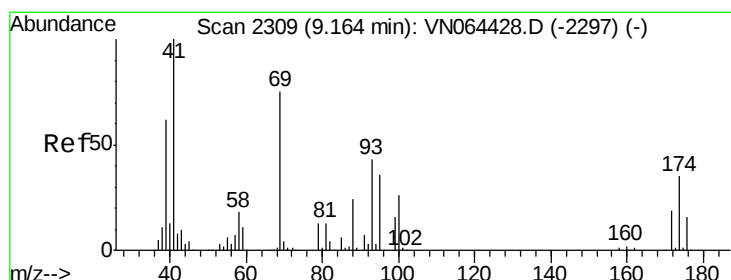
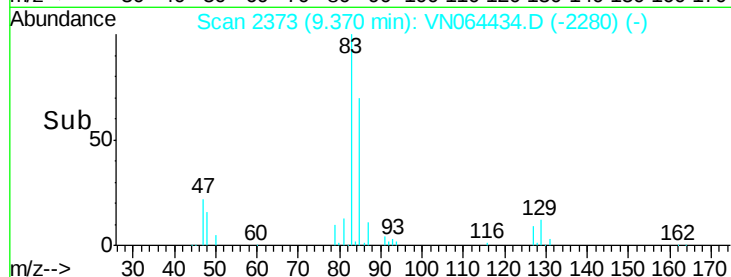
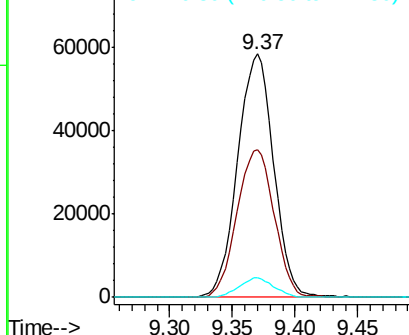
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Abundance Ion 82.90 (82.60 to 83.60): VN064434.D (-2280) (-)

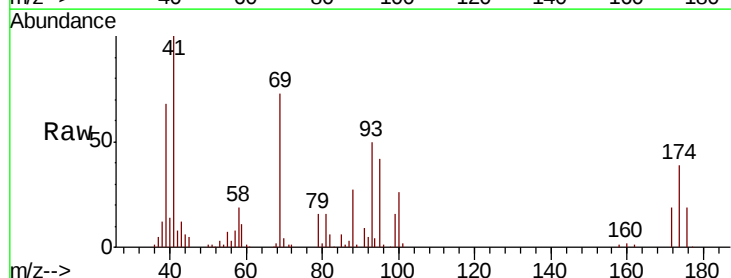
Ion 84.90 (84.60 to 85.60): VN064434.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064434.D (-2280) (-)



#48
Methyl methacrylate
Concen: 17.218 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

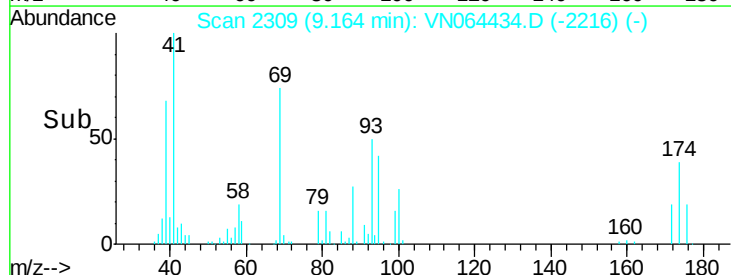
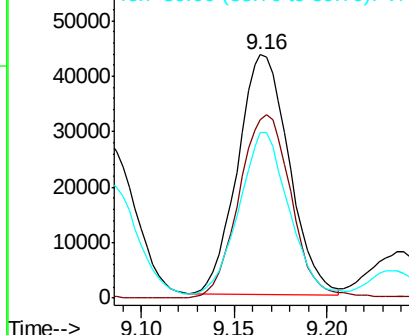
Tgt Ion	41	Resp	83478
Ion Ratio	100		
41	100		
69	77.9	60.4	90.6
39	66.9	51.2	76.8

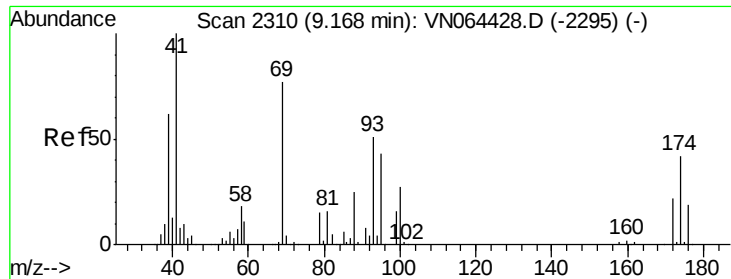


Abundance Ion 41.00 (40.70 to 41.70): VN064434.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064434.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064434.D (-2216) (-)





#49

1,4-Dioxane

Concen: 385.139 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion: 88 Resp: 24595

Ion Ratio Lower Upper

88 100

43 37.4 31.0 46.6

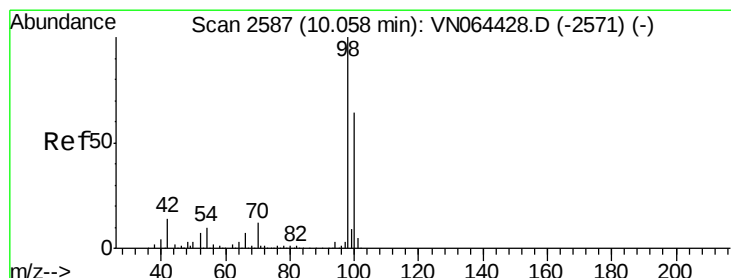
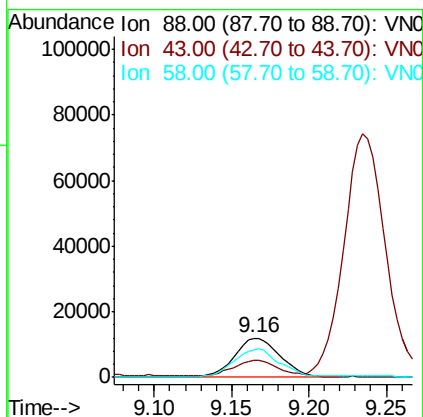
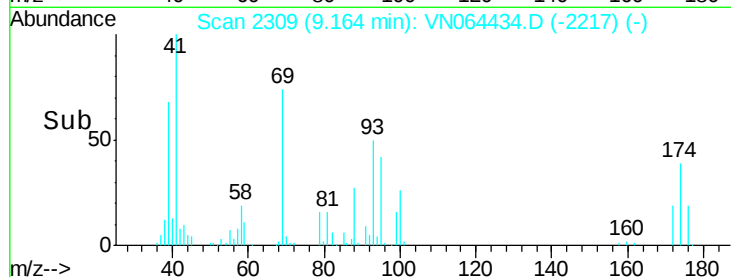
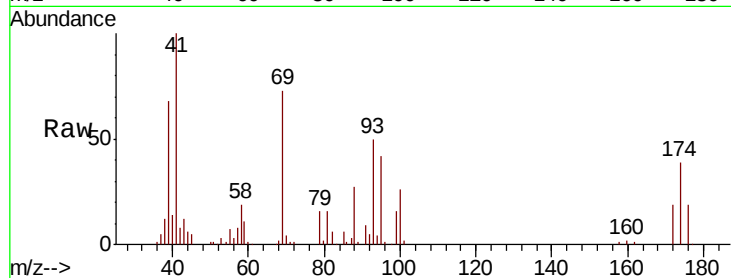
58 72.5 58.4 87.6

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#50

Toluene-d8

Concen: 46.337 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064434.D

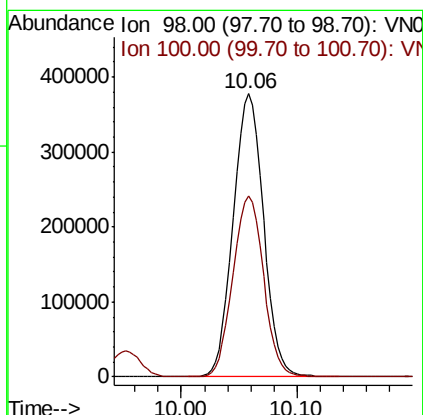
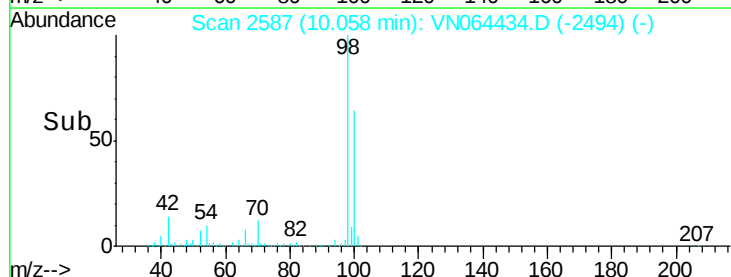
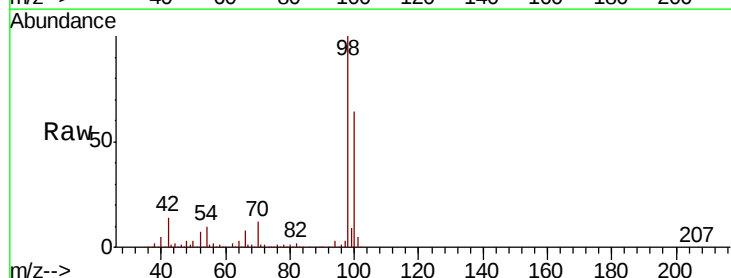
Acq: 4 Nov 2020 14:18

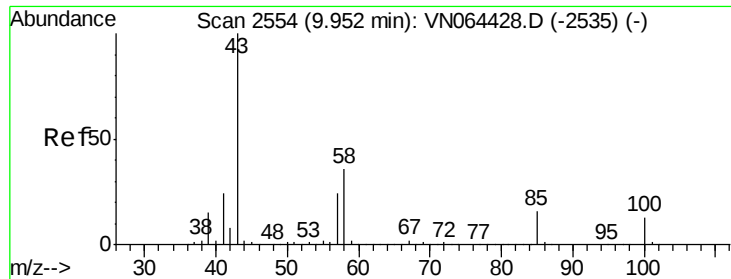
Tgt Ion: 98 Resp: 684335

Ion Ratio Lower Upper

98 100

100 64.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 92.290 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion: 43 Resp: 517128

Ion Ratio Lower Upper

43 100

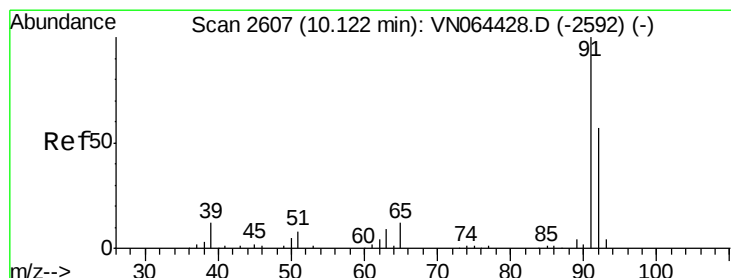
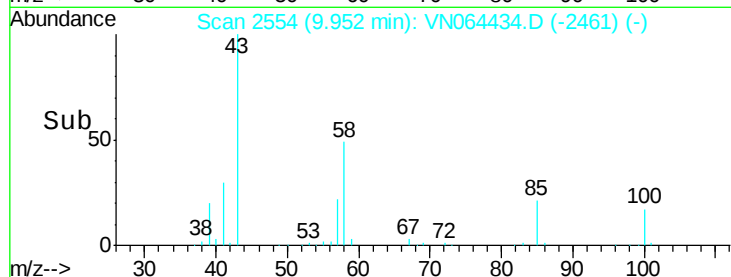
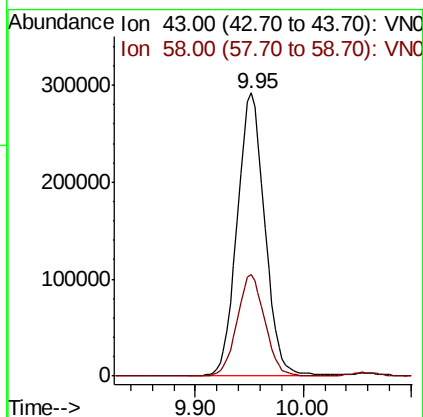
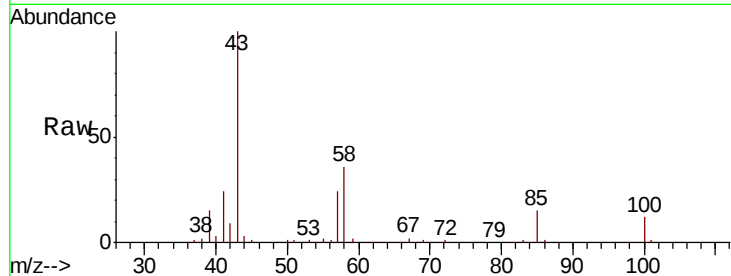
58 36.0 28.4 42.6

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#52

Toluene

Concen: 18.505 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064434.D

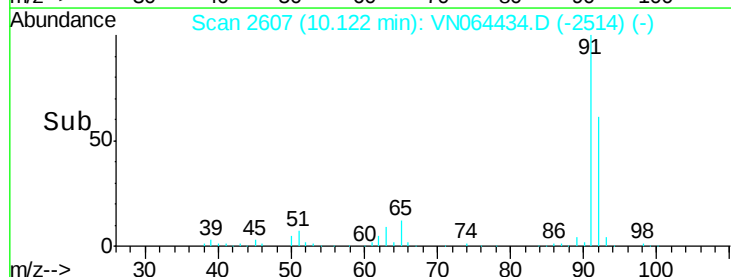
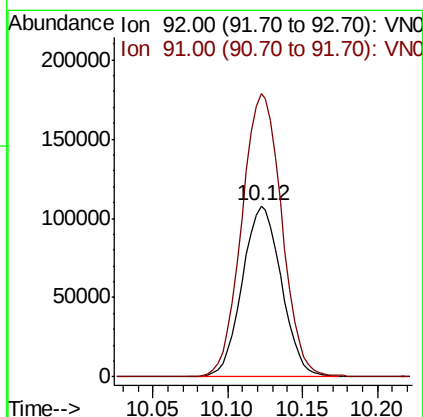
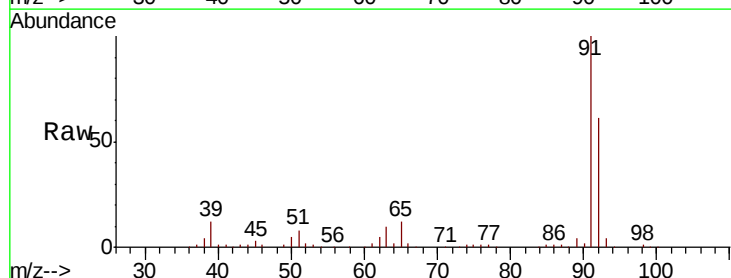
Acq: 4 Nov 2020 14:18

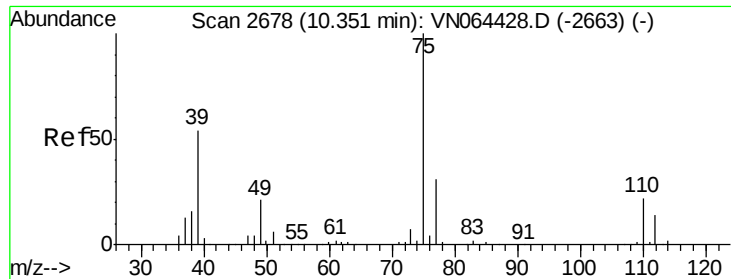
Tgt Ion: 92 Resp: 196639

Ion Ratio Lower Upper

92 100

91 169.1 139.6 209.4





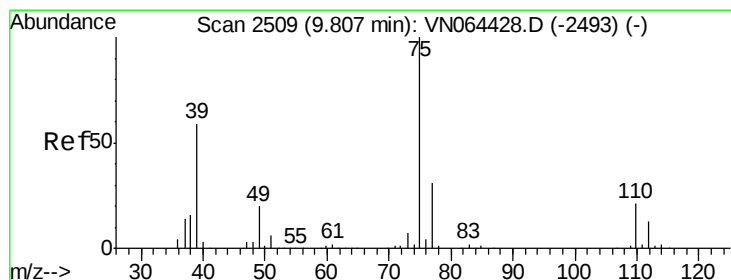
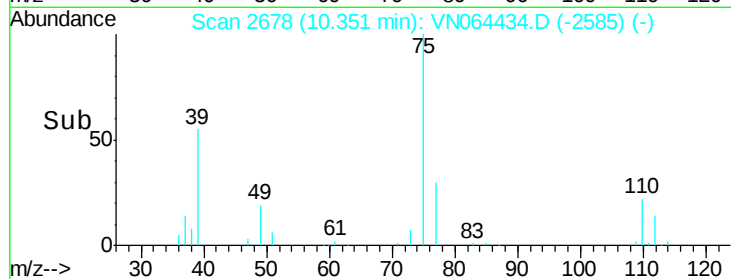
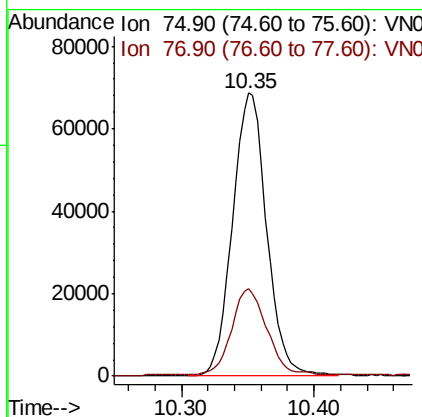
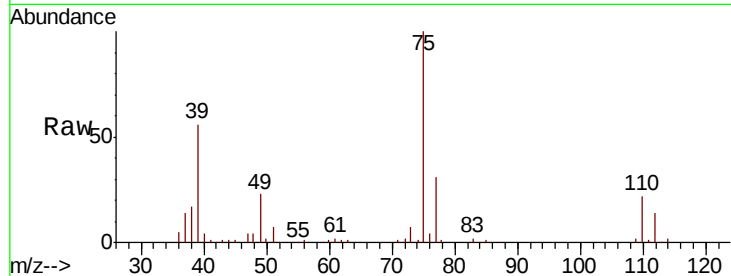
#53
t-1,3-Dichloropropene
Concen: 17.586 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion: 75 Resp: 122680
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2

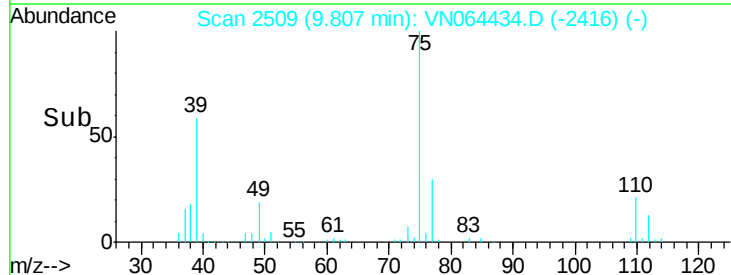
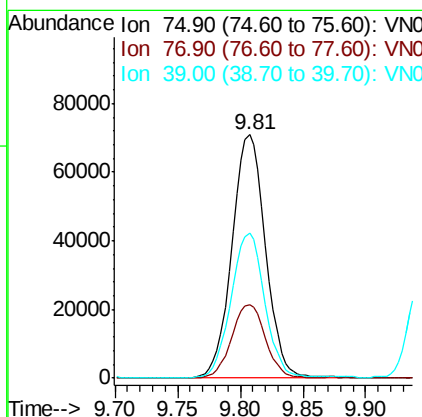
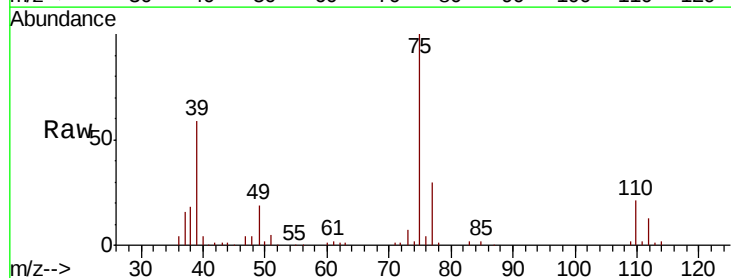
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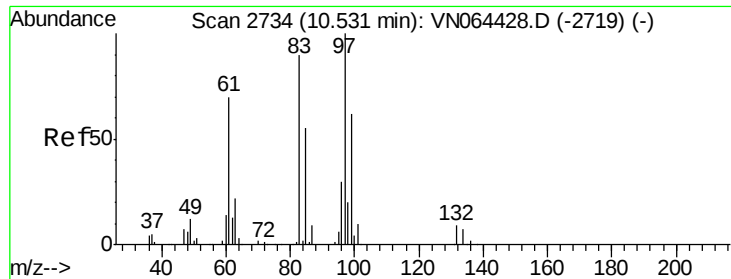
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#54
cis-1,3-Dichloropropene
Concen: 17.690 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion: 75 Resp: 131943
Ion Ratio Lower Upper
75 100
77 30.2 24.9 37.3
39 59.1 47.1 70.7





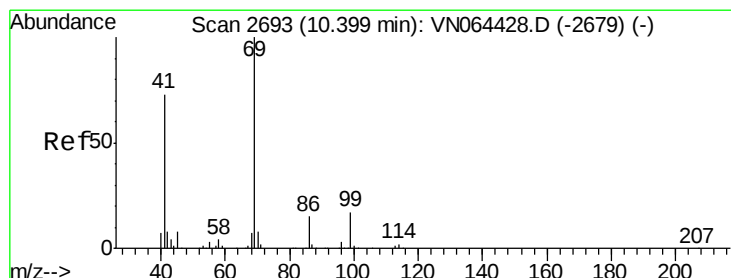
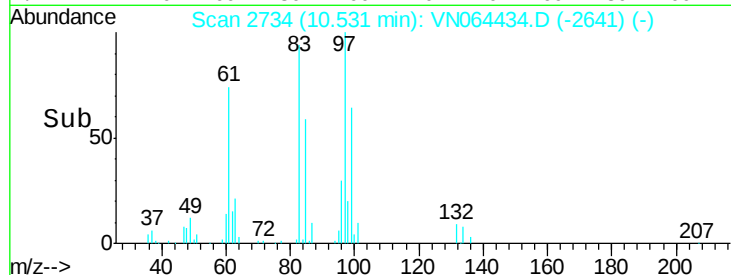
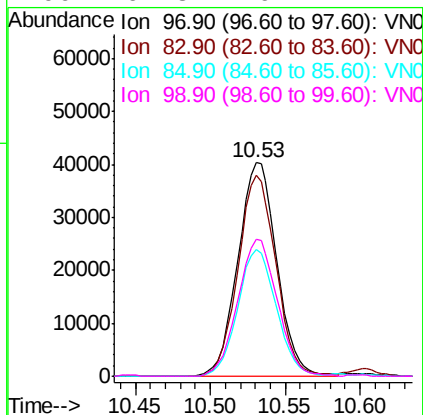
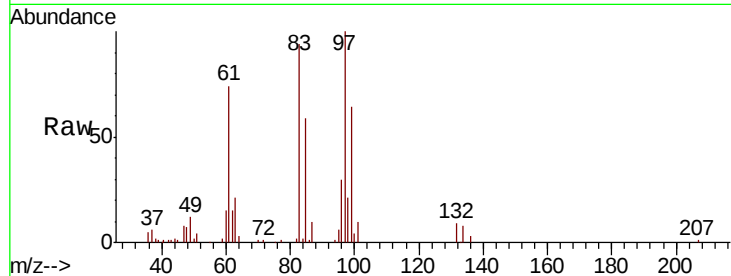
#55
 1,1,2-Trichloroethane
 Concen: 17.648 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	94.1	71.7	107.5
85	59.2	44.3	66.5
99	64.3	49.4	74.2

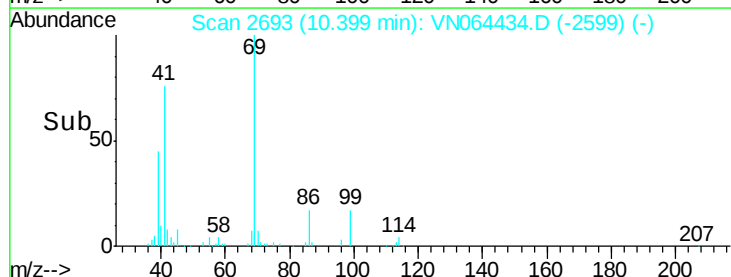
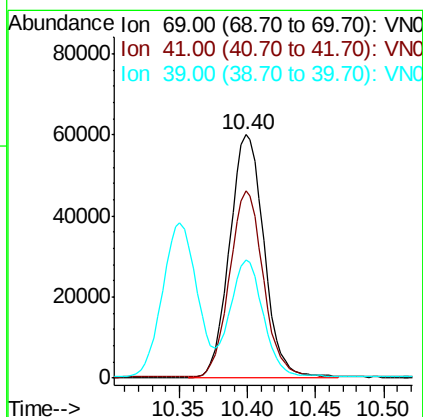
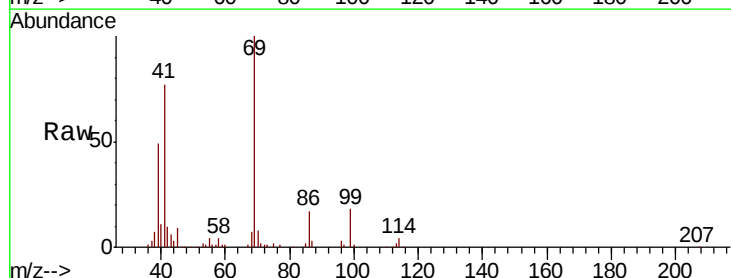
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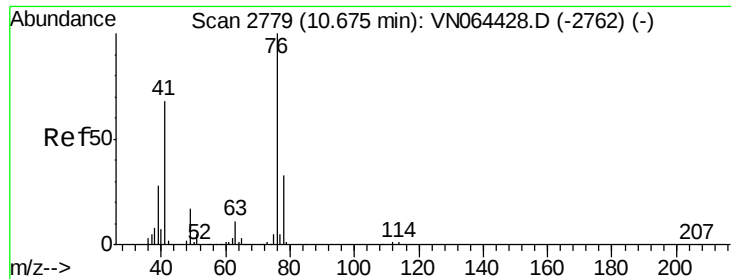
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#56
 Ethyl methacrylate
 Concen: 16.765 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.4	59.3	88.9
39	46.7	35.4	53.0





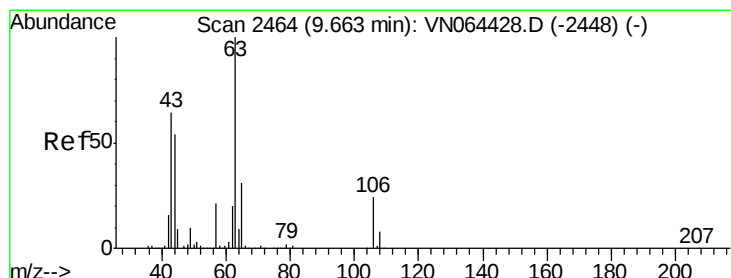
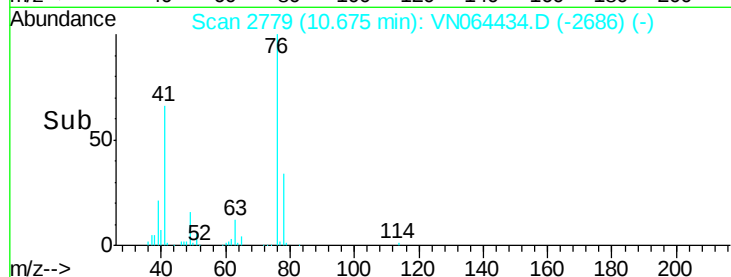
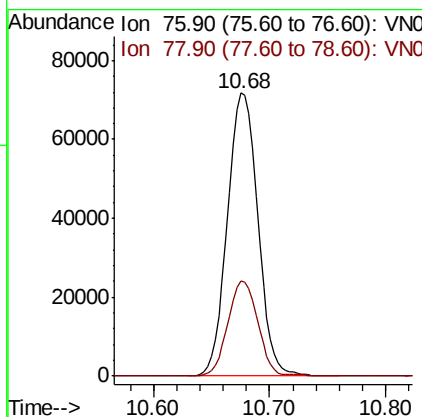
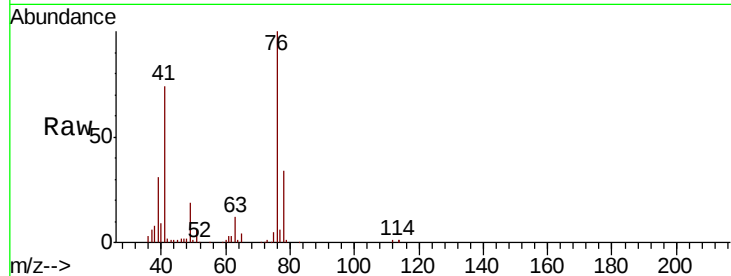
#57
 1,3-Dichloropropane
 Concen: 18.039 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion: 76 Resp: 130482
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.6

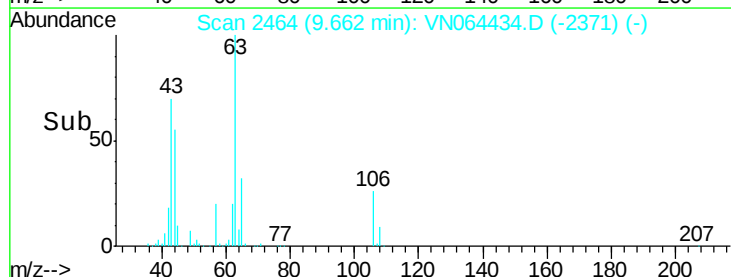
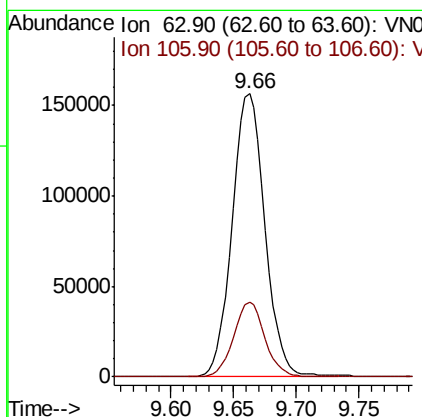
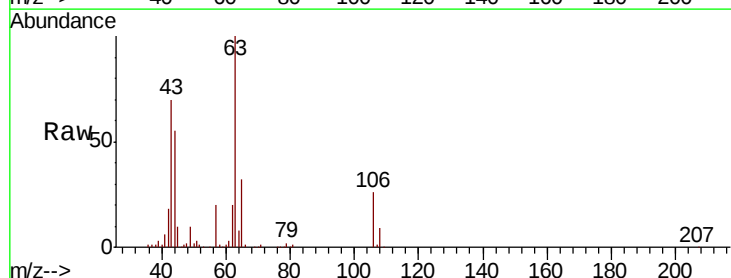
Manual Integrations
 APPROVED

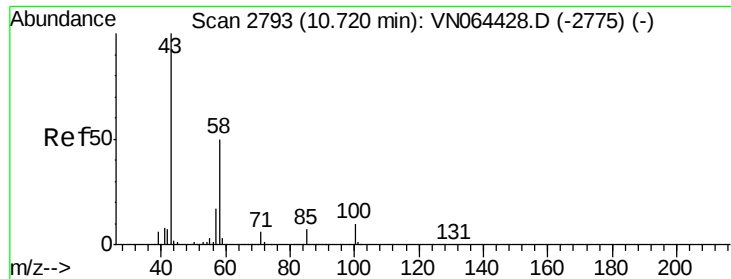
MMDadoda
 11/5/2020 2:19:26 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.259 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion: 63 Resp: 284580
 Ion Ratio Lower Upper
 63 100
 106 25.3 19.5 29.3





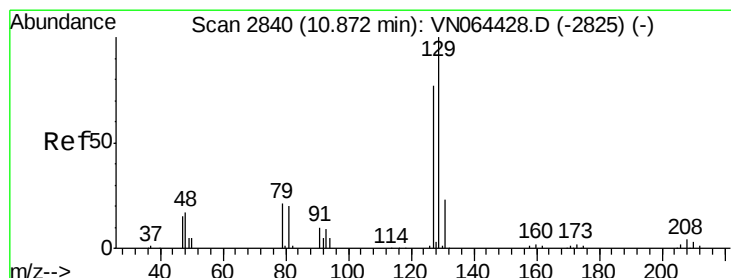
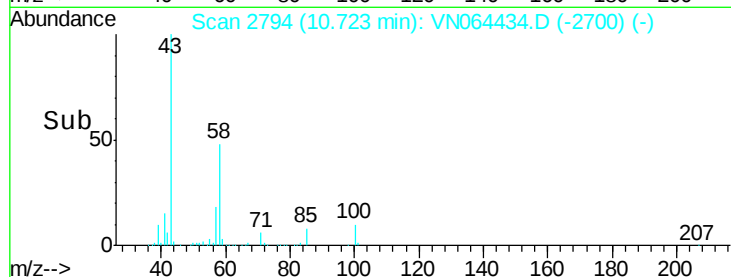
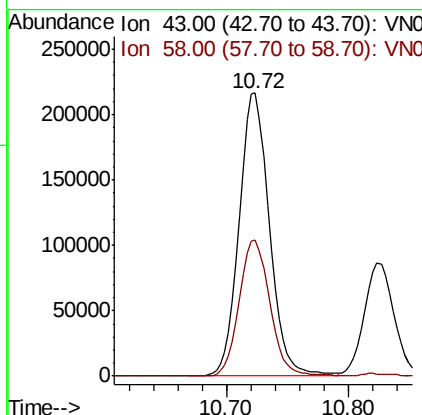
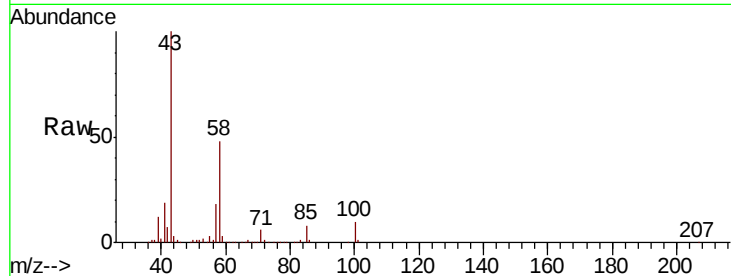
#59
2-Hexanone
Concen: 83.720 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion: 43 Resp: 370088
Ion Ratio Lower Upper
43 100
58 48.9 24.7 74.1

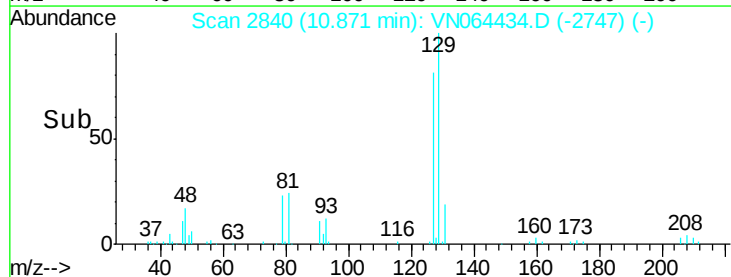
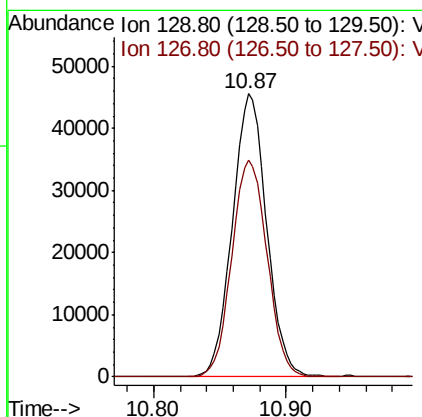
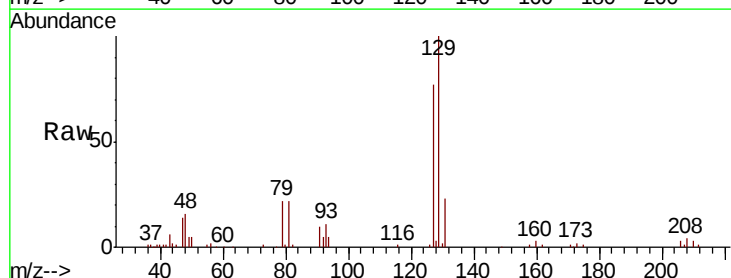
Manual Integrations
APPROVED

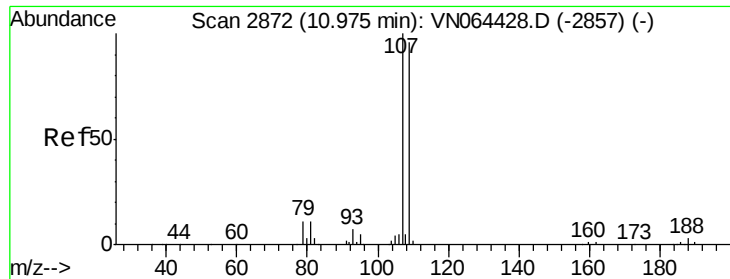
MMDadoda
11/5/2020 2:19:26 PM



#60
Dibromochloromethane
Concen: 17.619 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion: 129 Resp: 81750
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7





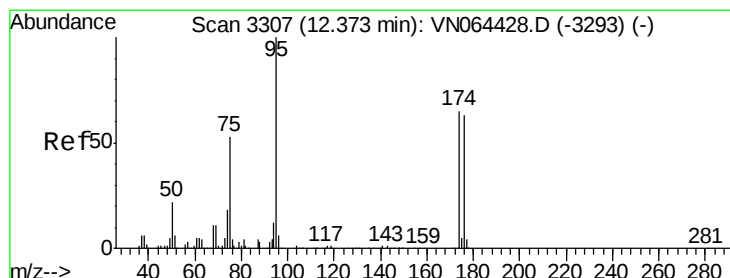
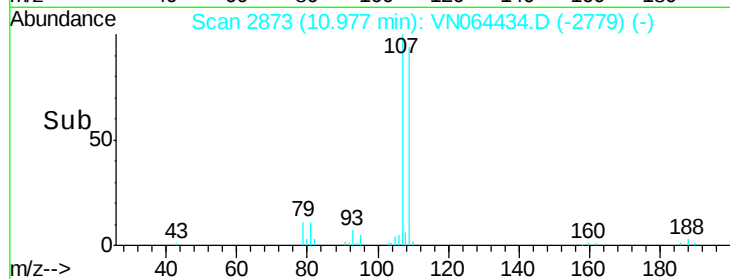
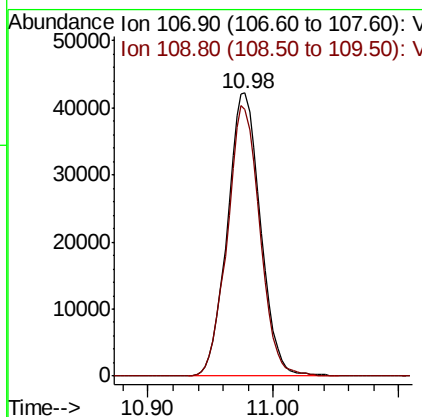
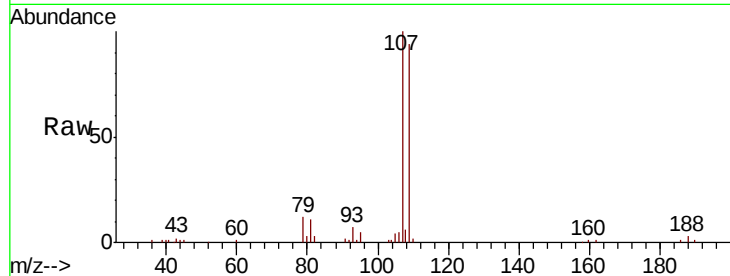
#61
 1,2-Dibromoethane
 Concen: 18.422 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.9	113.9

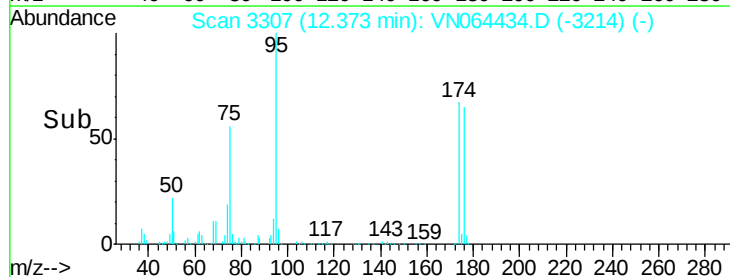
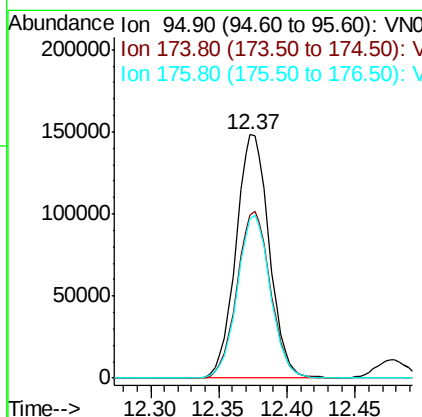
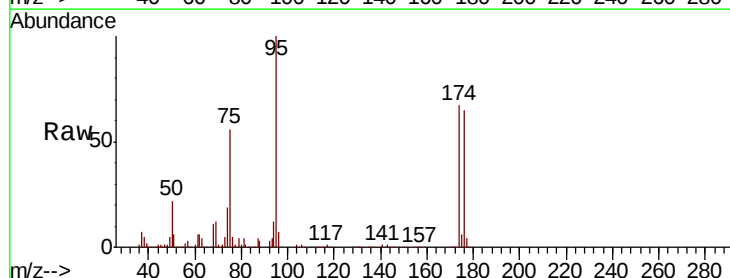
Manual Integrations
 APPROVED

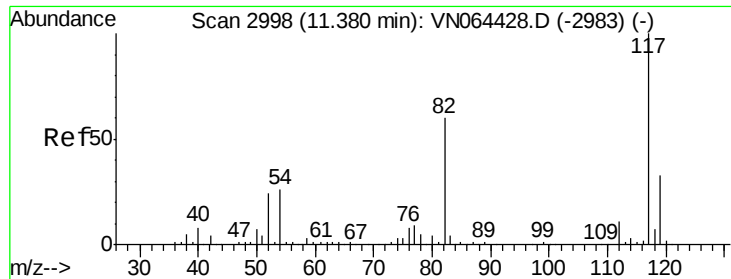
MMDadoda
 11/5/2020 2:19:26 PM



#62
 4-Bromofluorobenzene
 Concen: 45.022 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	132.6
176	66.4	0.0	129.2





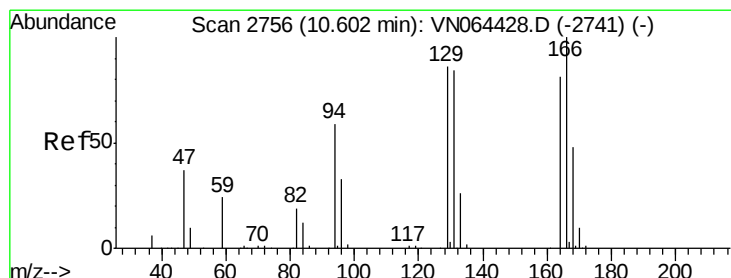
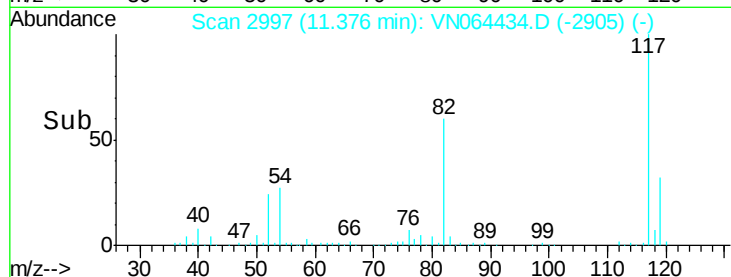
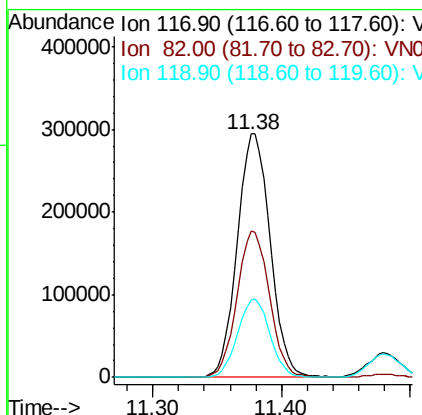
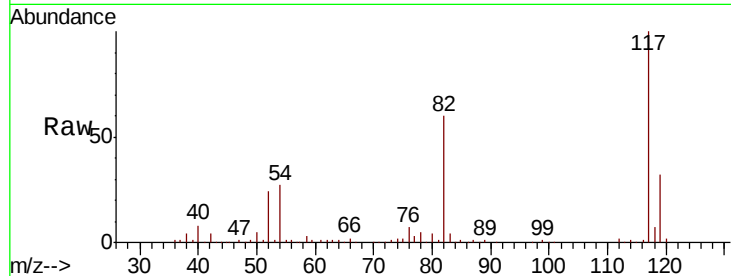
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.1	72.1
119	31.7	26.2	39.4

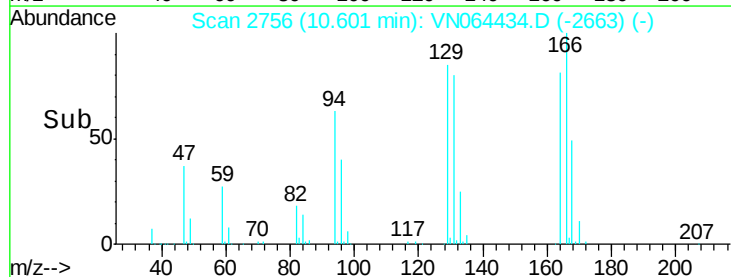
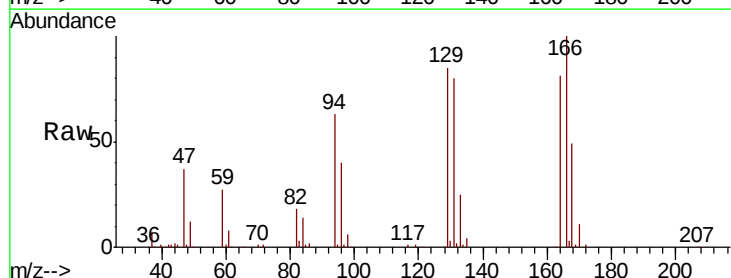
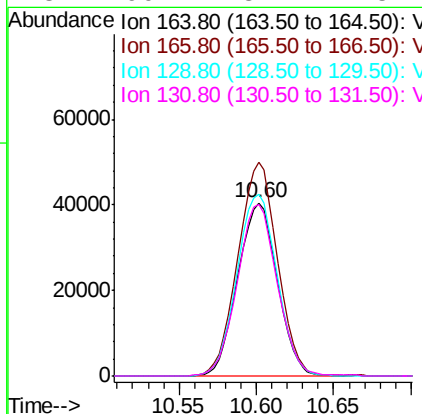
Manual Integrations
APPROVED

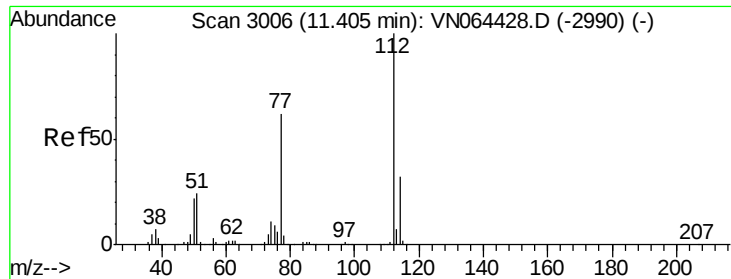
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#64
Tetrachloroethene
Concen: 17.848 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	98.2	147.2
129	104.8	84.6	127.0
131	99.1	82.2	123.2





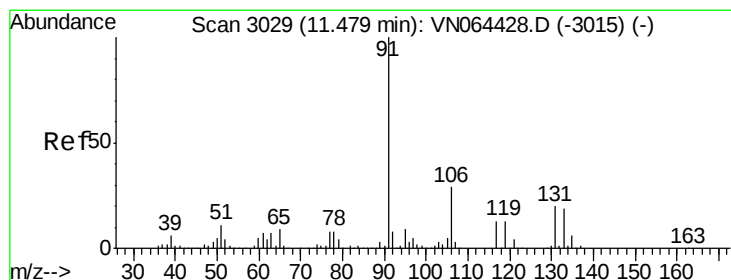
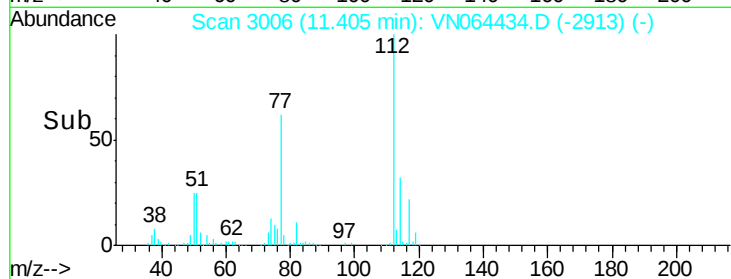
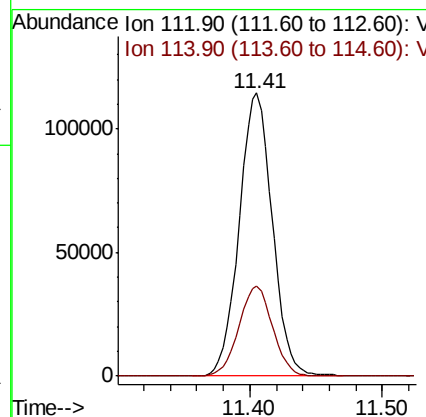
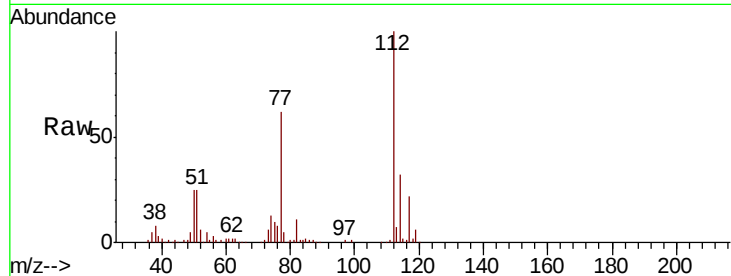
#65
Chlorobenzene
Concen: 17.254 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.6	38.4

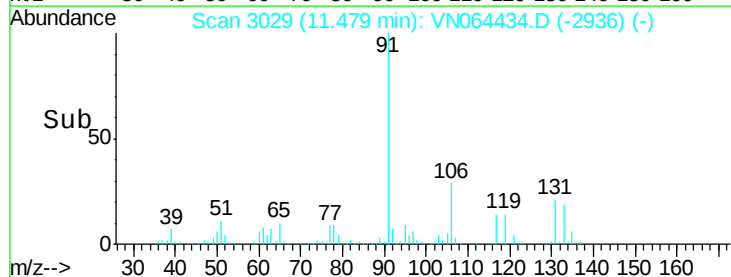
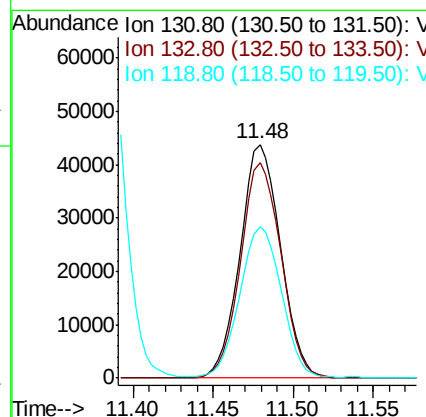
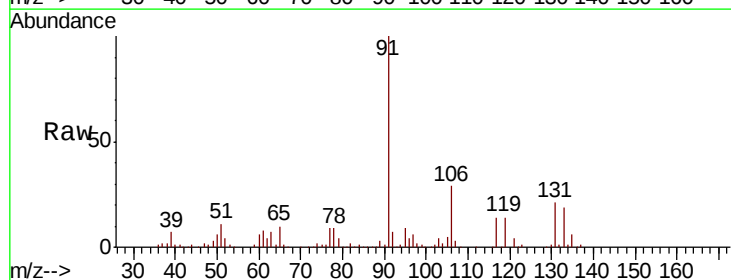
Manual Integrations
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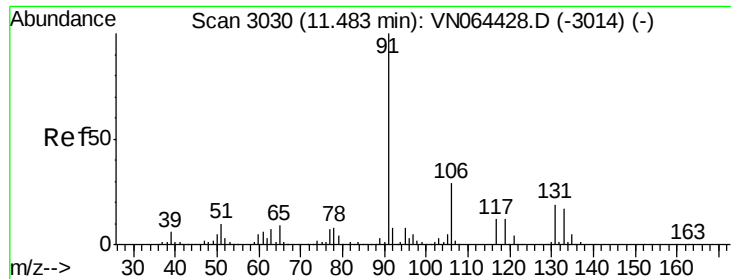
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.596 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.4	46.9	140.7
119	66.3	32.1	96.5





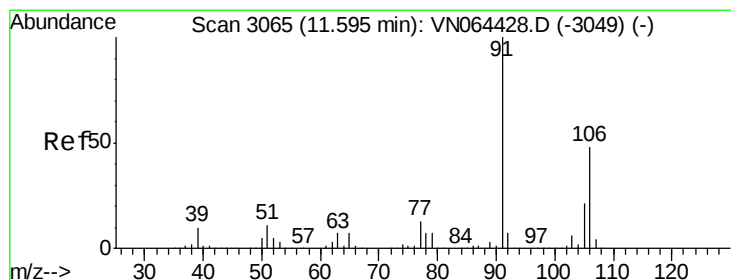
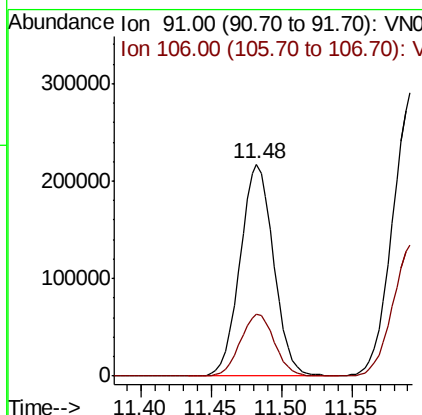
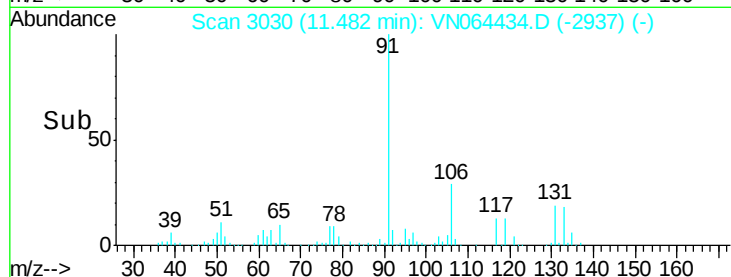
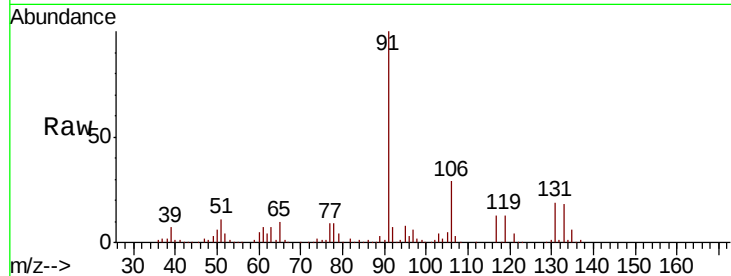
#67
Ethyl Benzene
Concen: 17.698 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion: 91 Resp: 362272
Ion Ratio Lower Upper
91 100
106 29.0 23.6 35.4

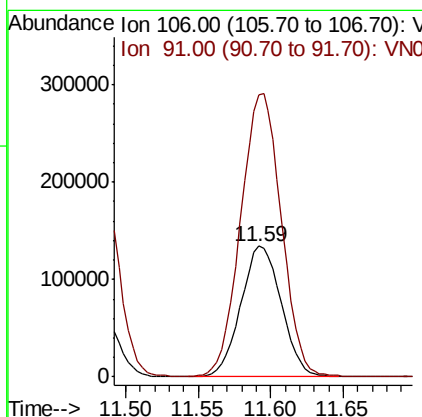
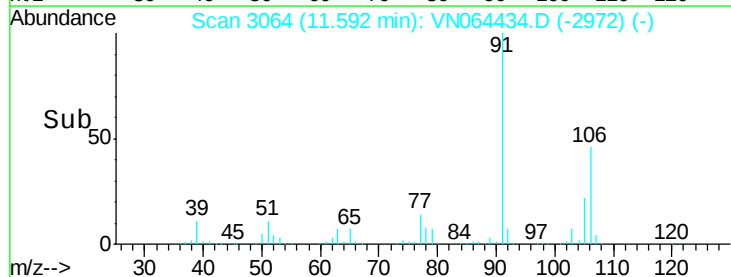
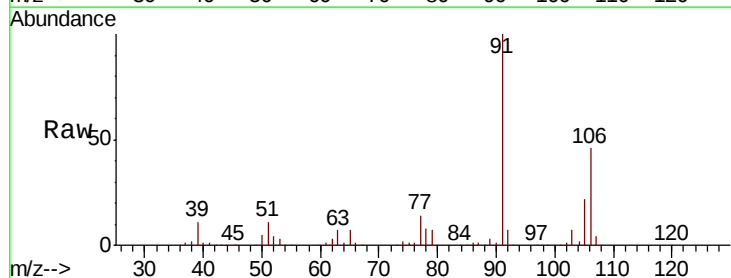
Manual Integrations
APPROVED

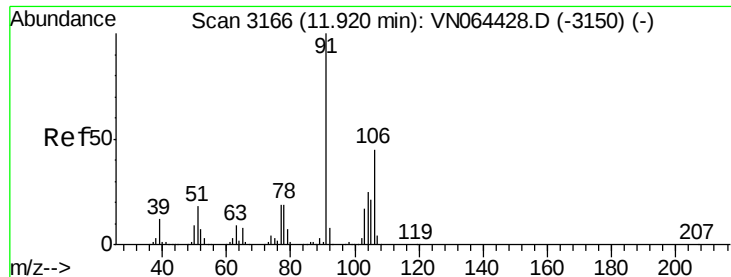
MMDadoda
11/5/2020 2:19:26 PM



#68
m/p-Xylenes
Concen: 35.063 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion: 106 Resp: 260291
Ion Ratio Lower Upper
106 100
91 217.2 169.4 254.2





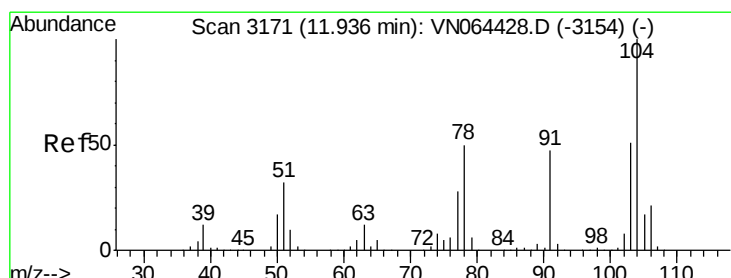
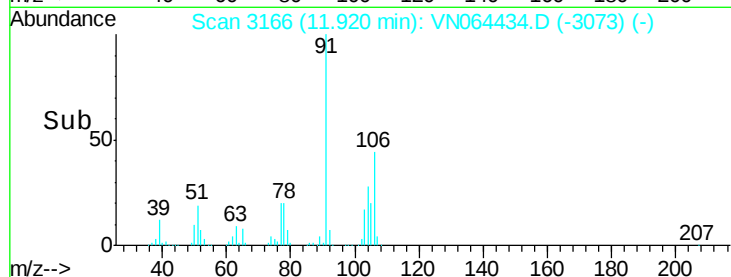
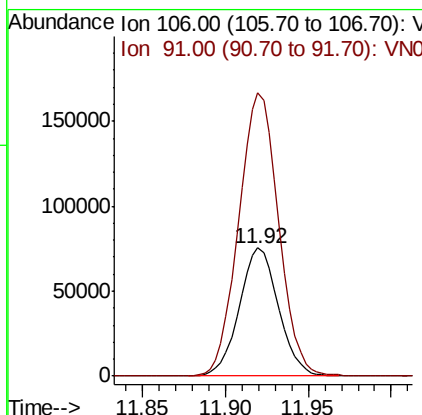
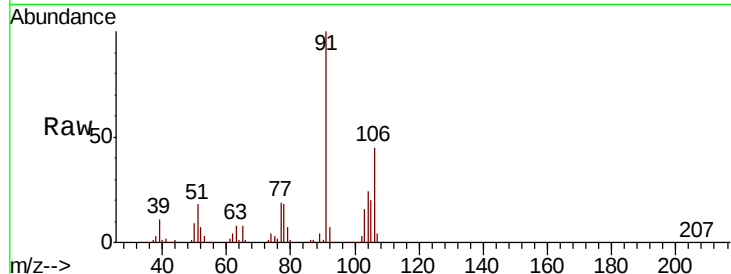
#69
o-Xylene
Concen: 17.353 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampled :
VN1104WBS01

Tot Ion:106 Resp: 124479
Ion Ratio Lower Upper
106 100
91 224.3 111.7 334.9

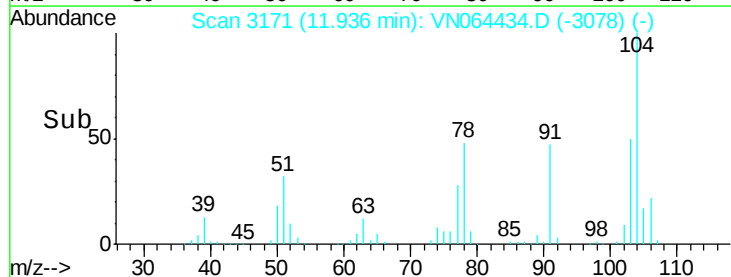
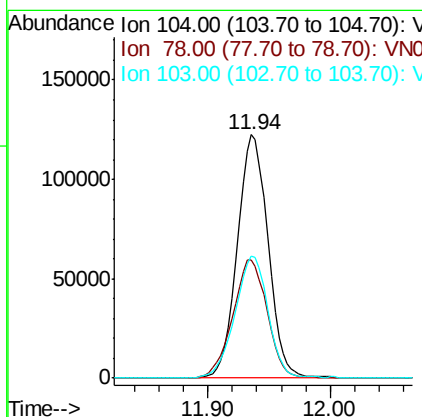
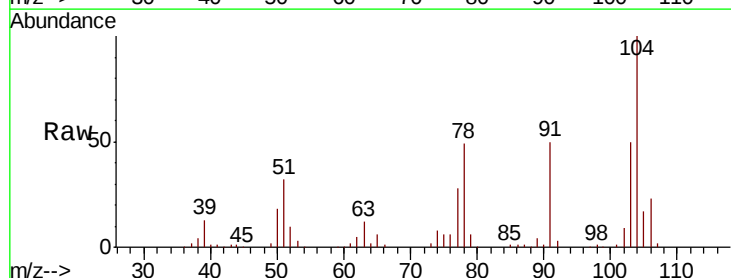
Manual Integrations
APPROVED

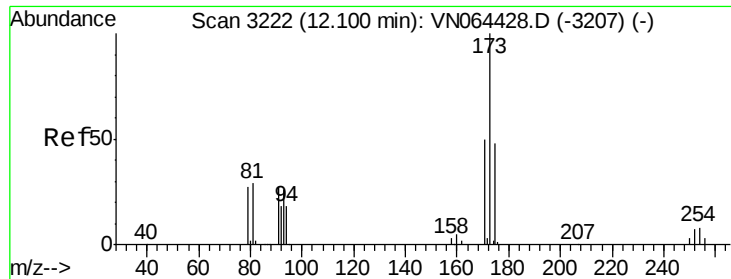
MMDadoda
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#70
Styrene
Concen: 17.683 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion:104 Resp: 213444
Ion Ratio Lower Upper
104 100
78 54.5 44.0 66.0
103 54.0 43.8 65.6





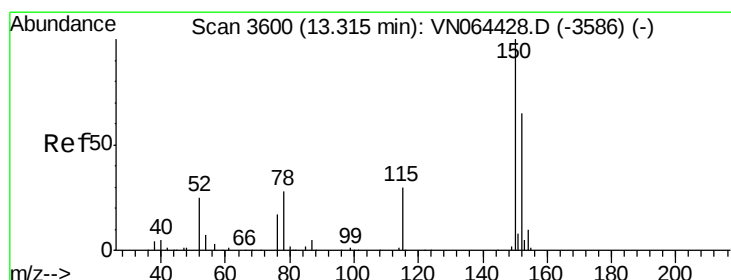
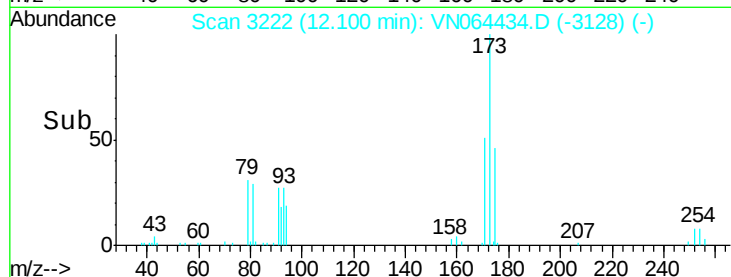
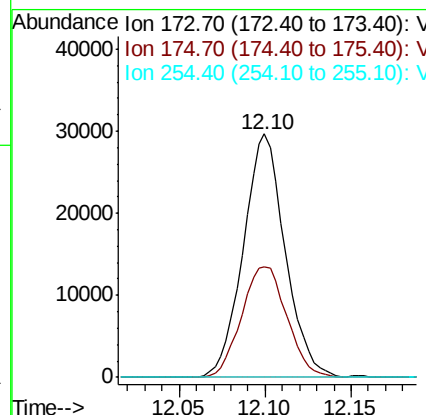
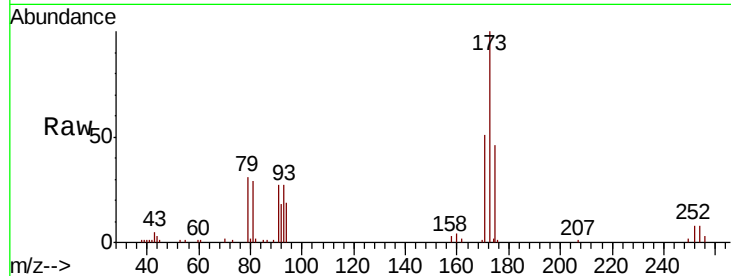
#71
Bromoform
Concen: 16.402 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.7	71.1
254	0.0	0.0	0.0

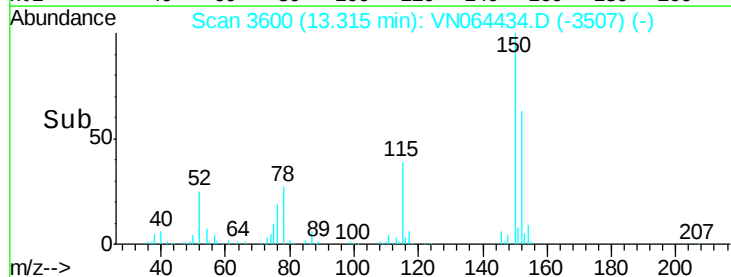
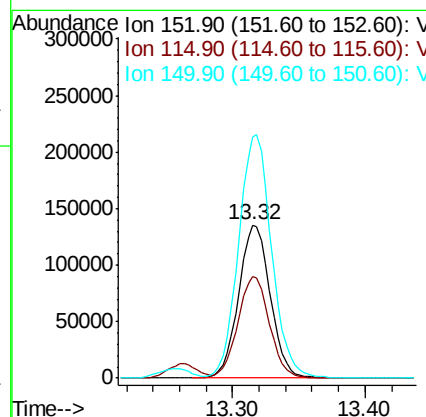
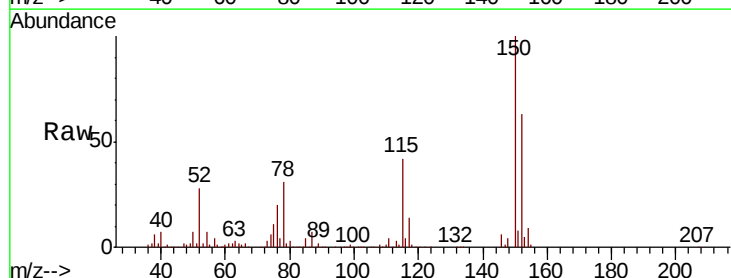
Manual Integrations
APPROVED

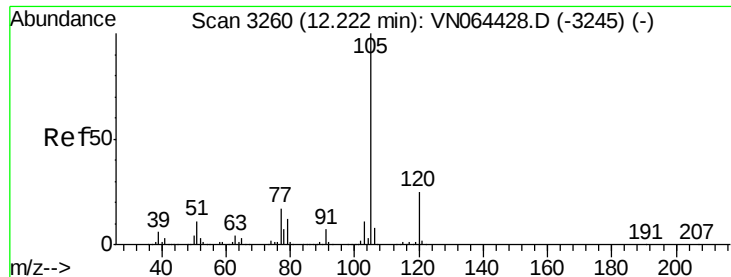
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.4	32.0	96.0
150	165.0	0.0	353.8





#73

Isopropylbenzene

Concen: 18.284 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion: 105 Resp: 325949

Ion Ratio Lower Upper

105 100

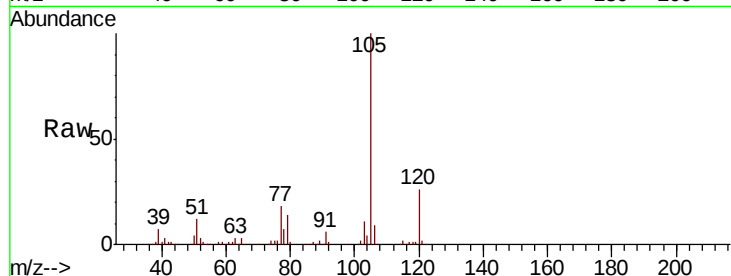
120 26.0 12.8 38.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

200000

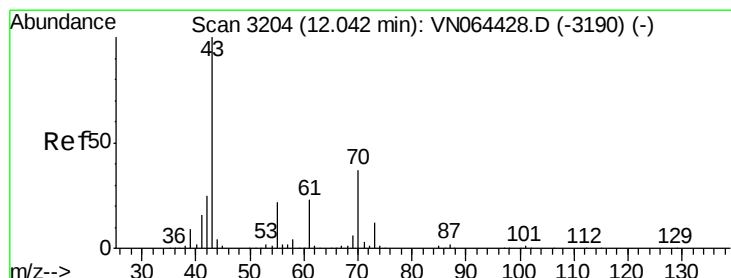
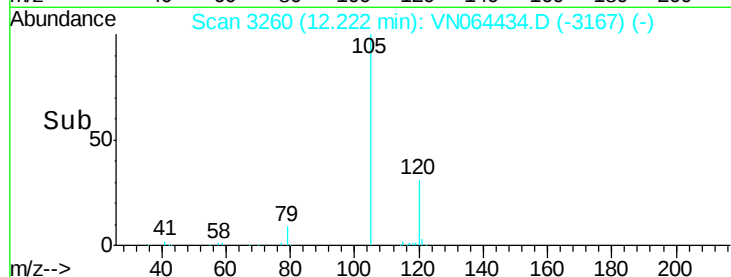
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.291 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Tgt Ion: 43 Resp: 142455

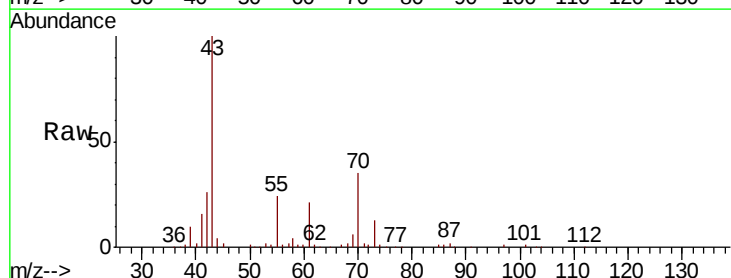
Ion Ratio Lower Upper

43 100

70 36.8 29.6 44.4

55 23.6 18.4 27.6

61 22.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

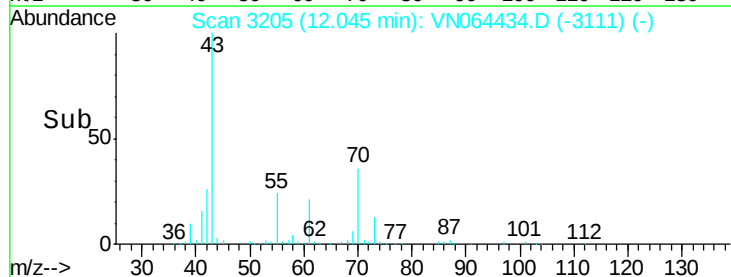
12.04

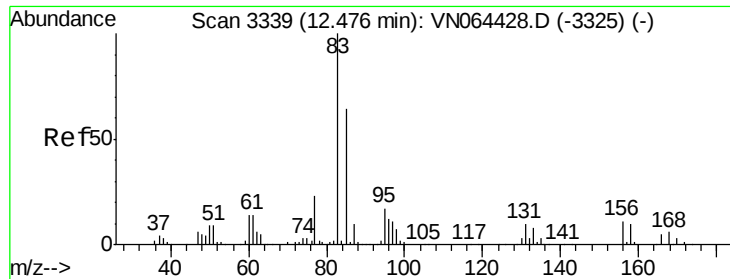
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.429 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

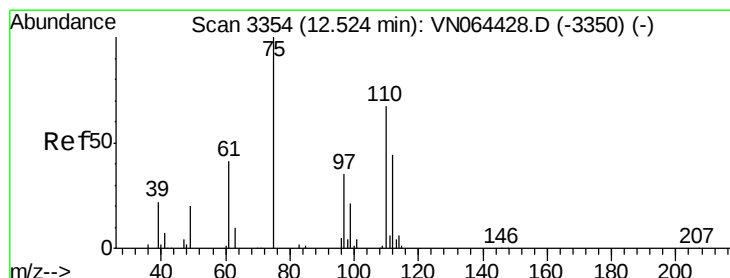
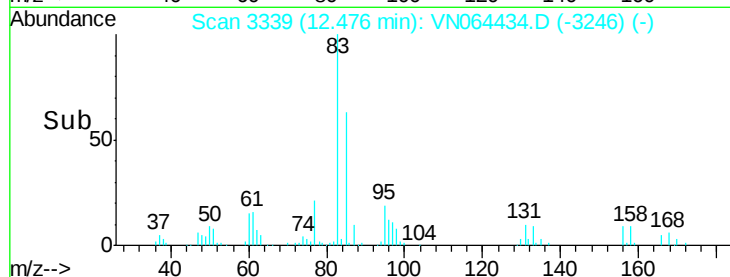
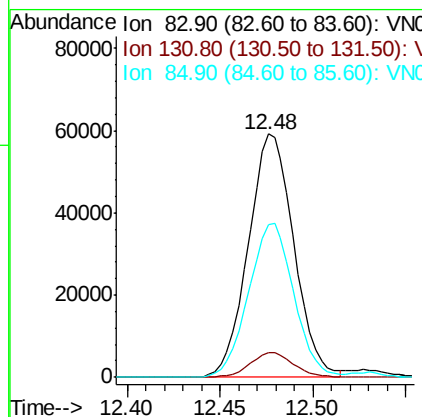
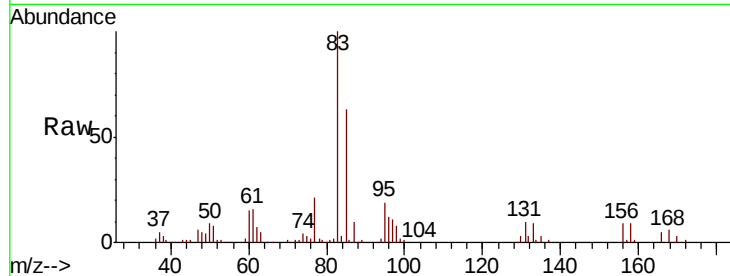
ClientSampleId :

VN1104WBS01

Tot Ion:	83	Resp:	100910
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	62.9	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.417 ug/l m

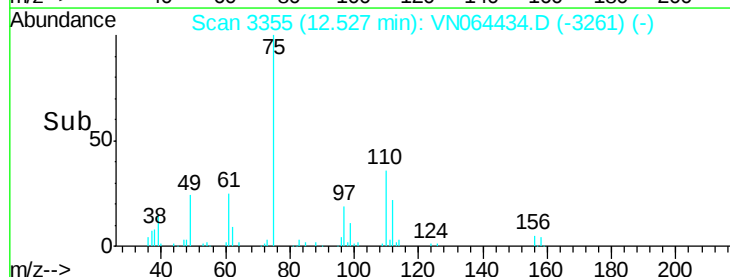
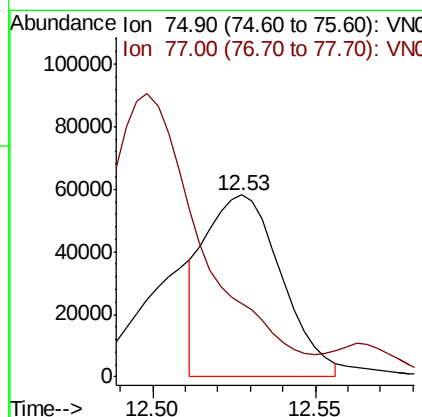
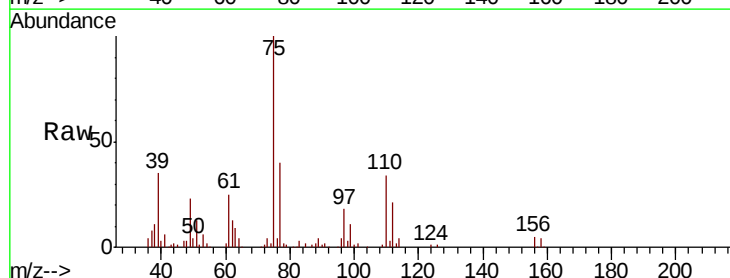
RT: 12.53 min Scan# 3355

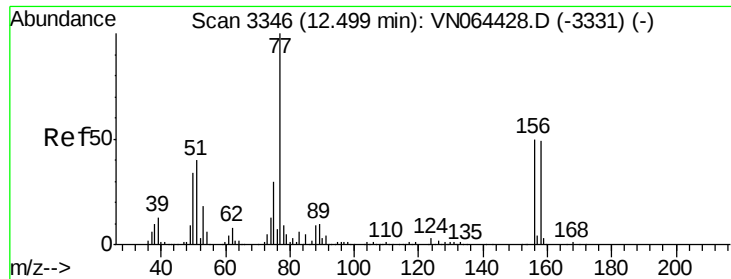
Delta R.T. 0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Tgt Ion:	75	Resp:	94646
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.345 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion:156 Resp: 79842

Ion Ratio Lower Upper

156 100

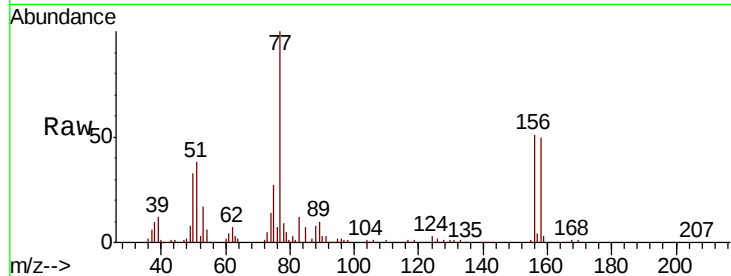
77 238.1 119.0 357.0

158 96.6 48.4 145.3

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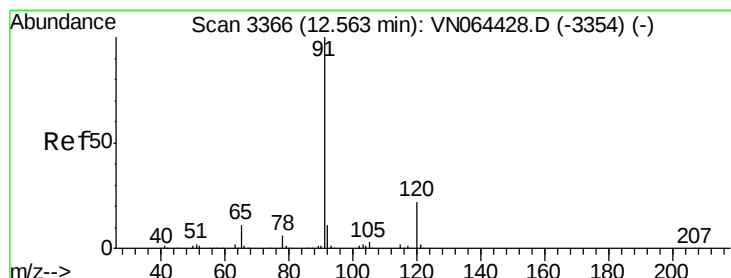
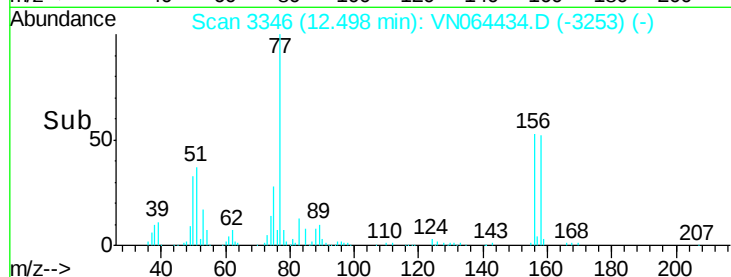
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 18.500 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064434.D

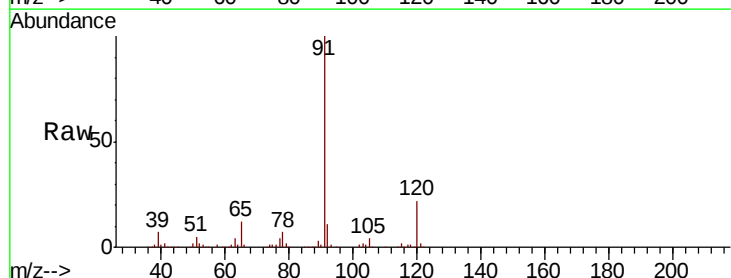
Acq: 4 Nov 2020 14:18

Tgt Ion: 91 Resp: 375981

Ion Ratio Lower Upper

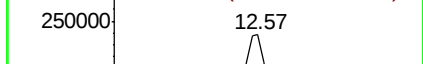
91 100

120 21.8 11.0 33.0

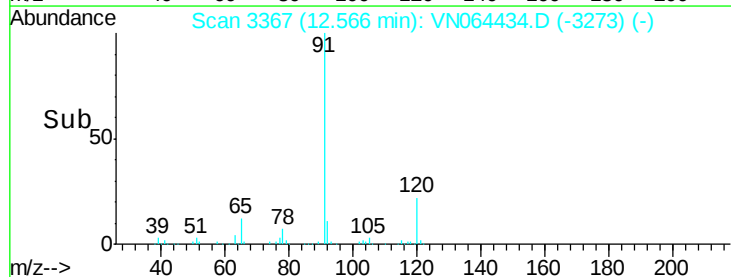


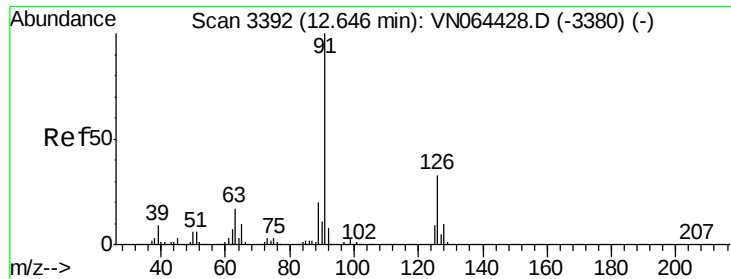
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





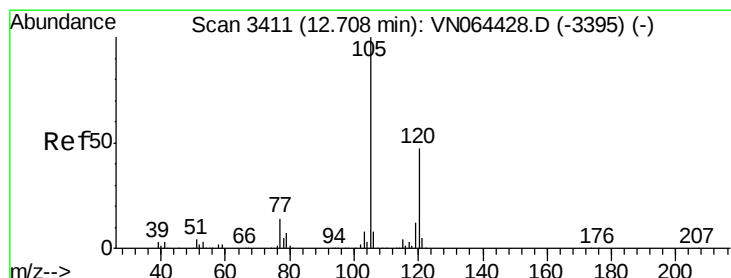
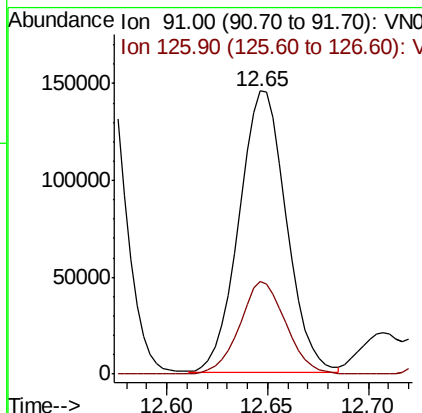
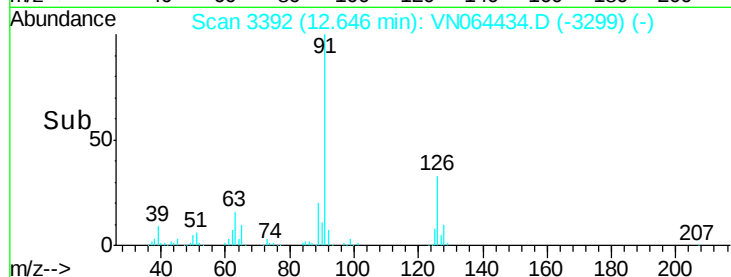
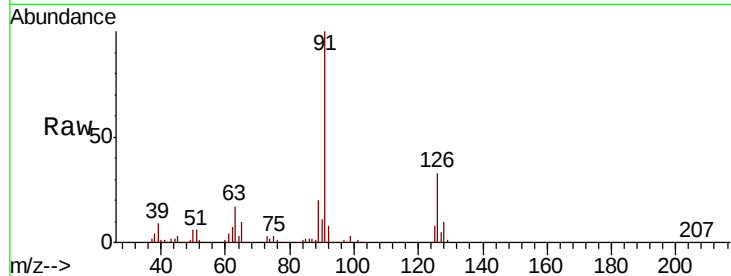
#79
 2-Chlorotoluene
 Concen: 18.602 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion: 91 Resp: 239778
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.4 49.1

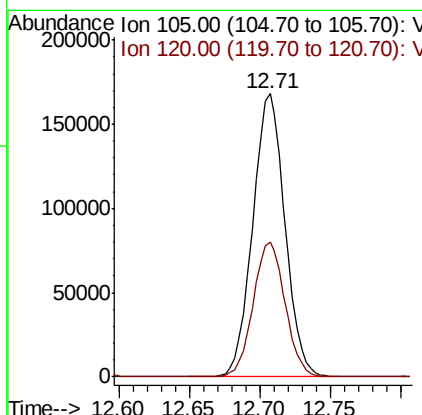
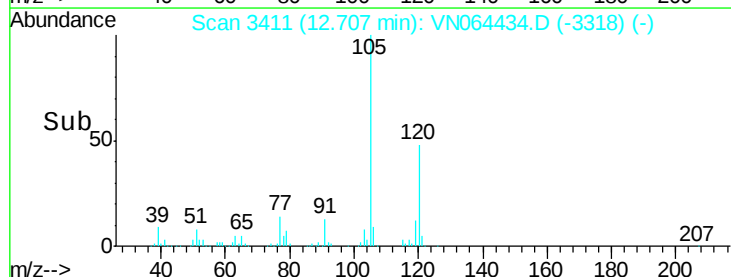
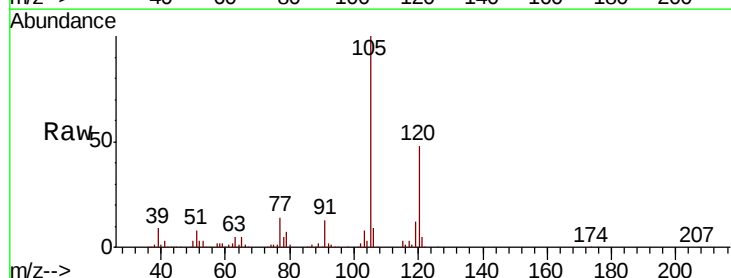
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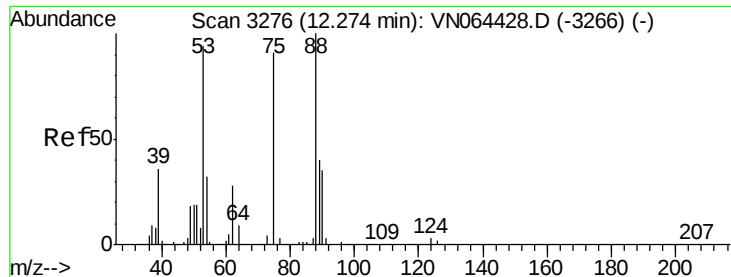
MMDadoda
 11/5/2020 2:19:26 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.243 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion: 105 Resp: 268282
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.2





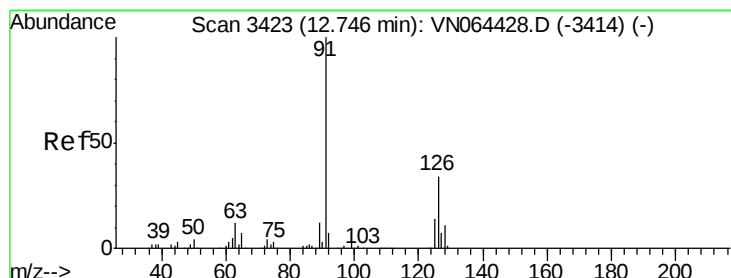
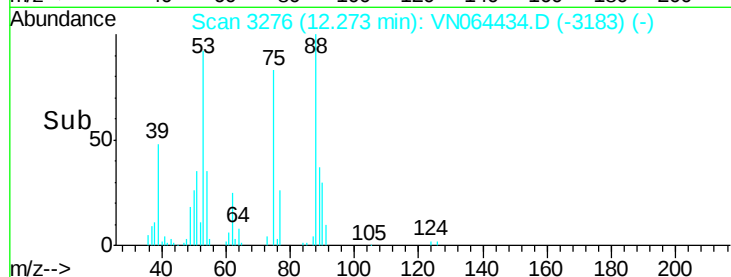
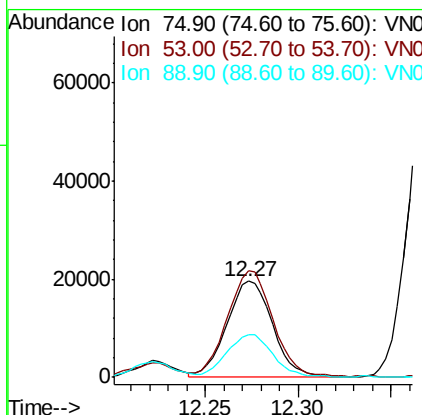
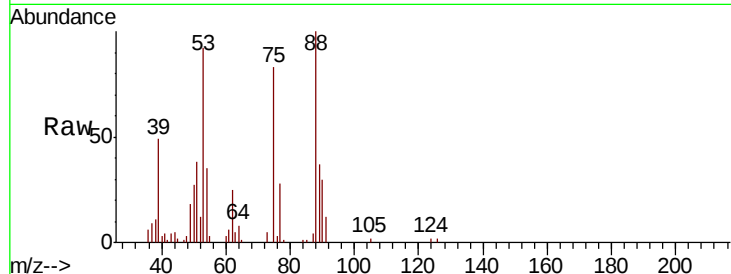
#81
trans-1,4-Dichloro-2-butene
Concen: 17.254 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.2	84.0	126.0
89	45.2	36.3	54.5

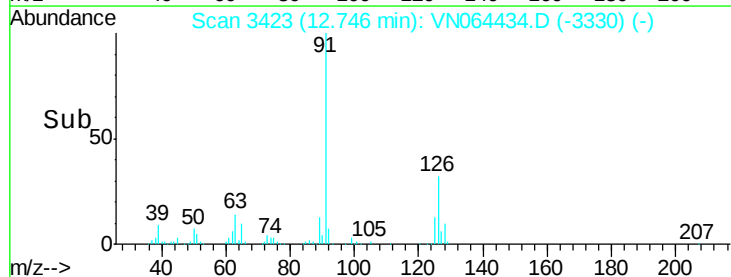
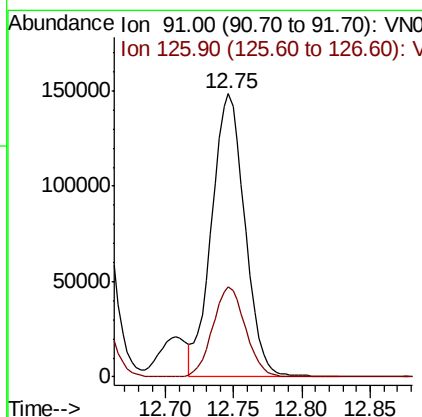
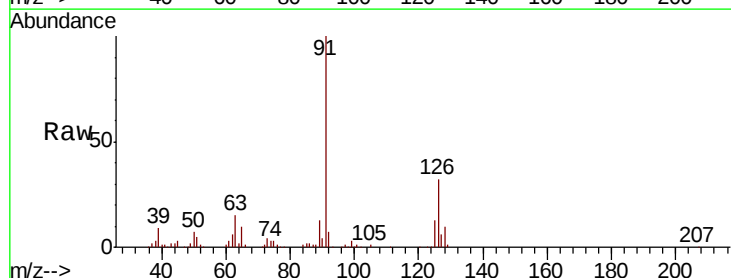
Manual Integrations
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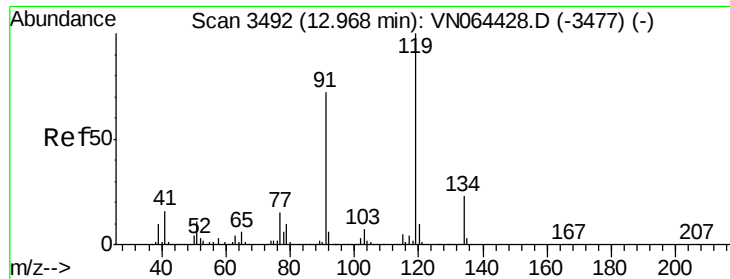
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#82
4-Chlorotoluene
Concen: 18.456 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.2





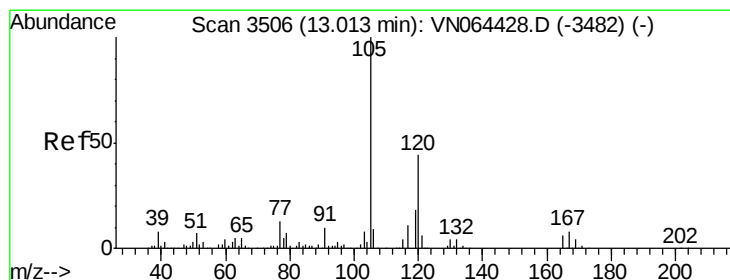
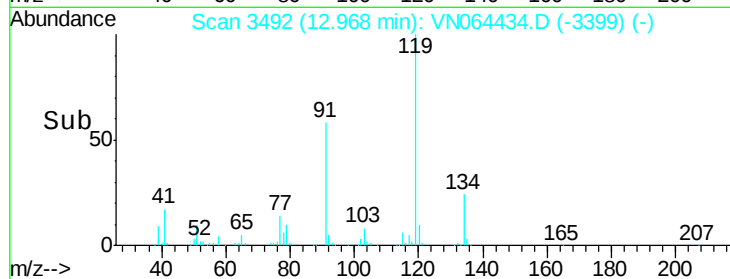
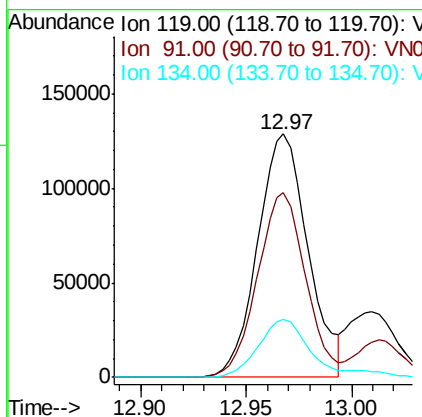
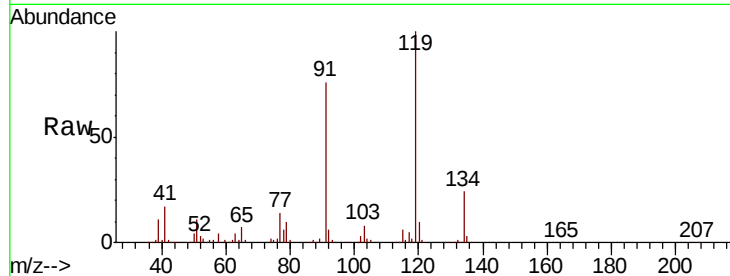
#83
tert-Butylbenzene
Concen: 18.606 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.3	36.1	108.3
134	25.6	11.7	35.1

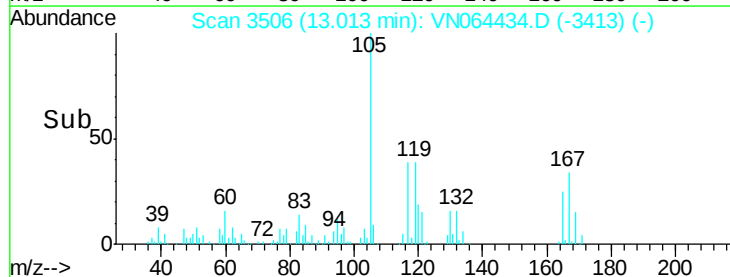
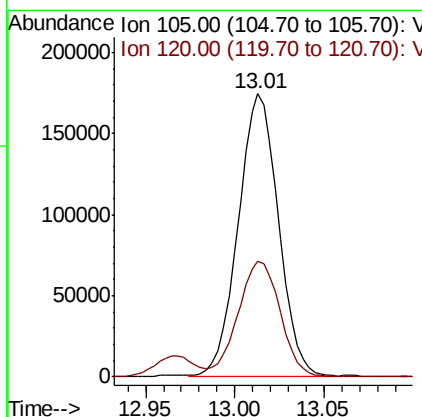
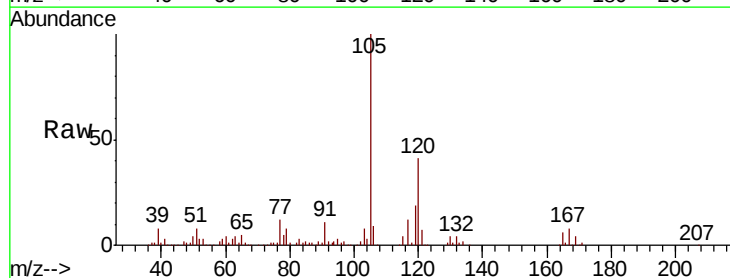
Manual Integrations
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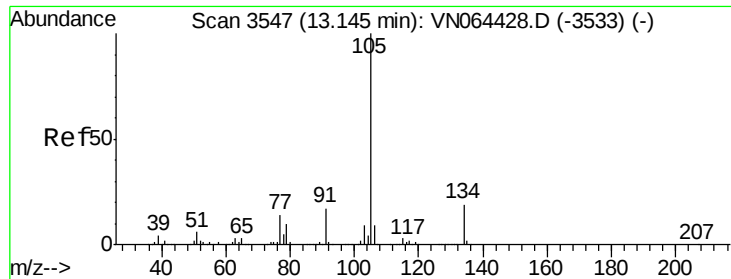
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#84
1,2,4-Trimethylbenzene
Concen: 18.329 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.9	65.7





#85

sec-Butylbenzene

Concen: 18.815 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBS01

Tot Ion:105 Resp: 273695

Ion Ratio Lower Upper

105 100

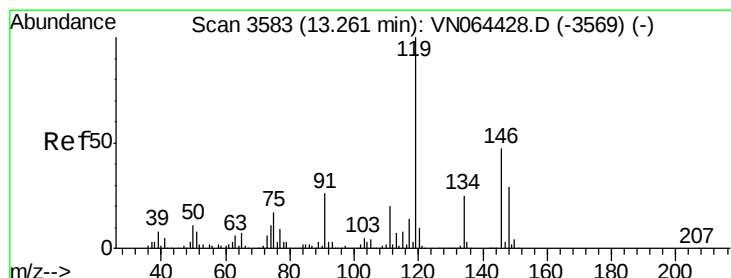
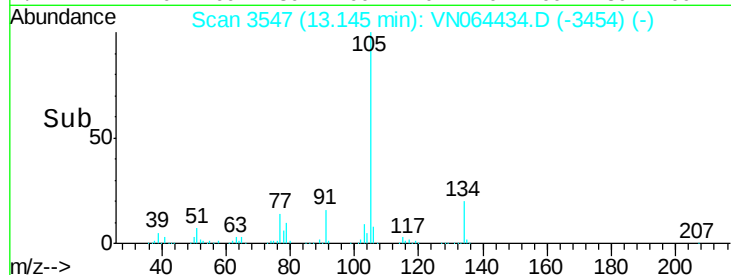
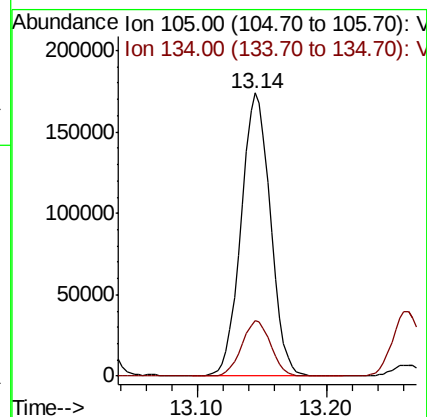
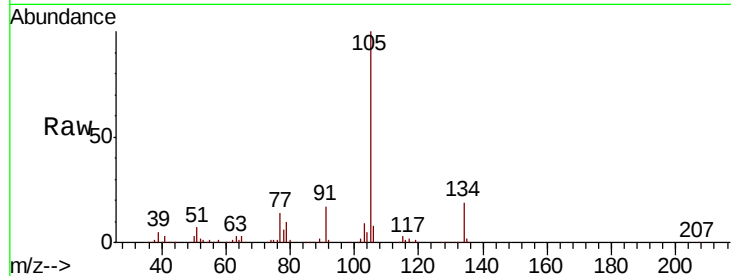
134 19.5 9.4 28.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.489 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

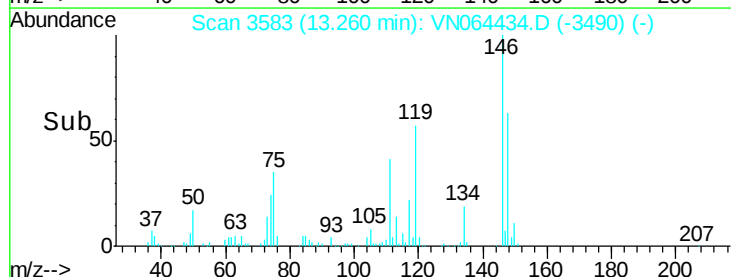
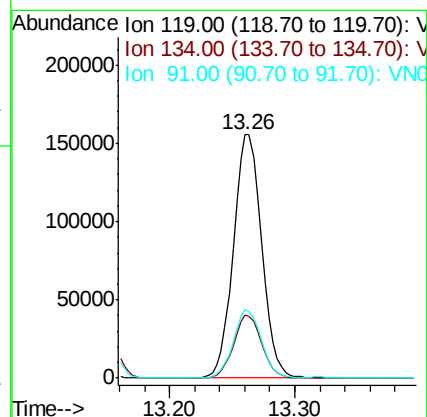
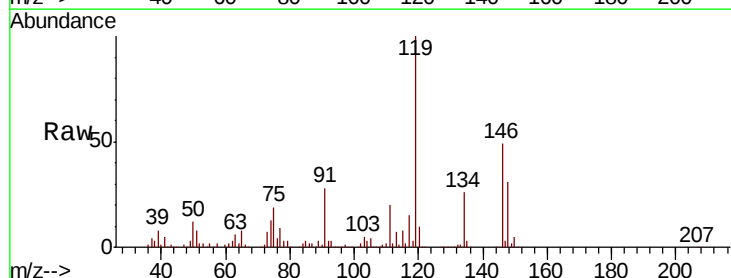
Tgt Ion:119 Resp: 241923

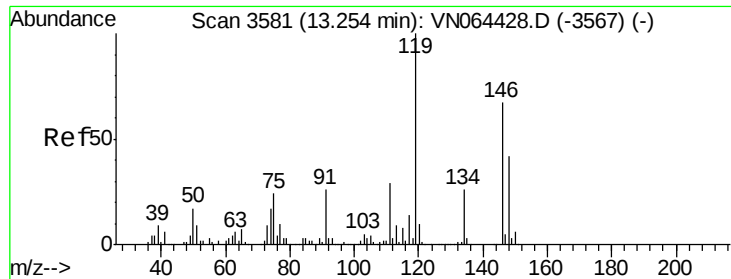
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 28.0 12.8 38.3





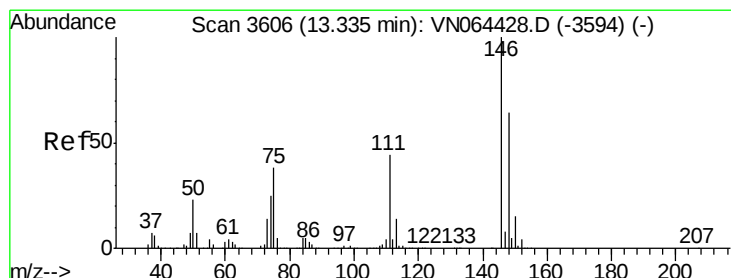
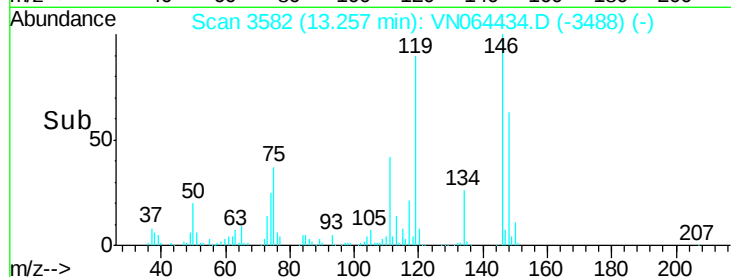
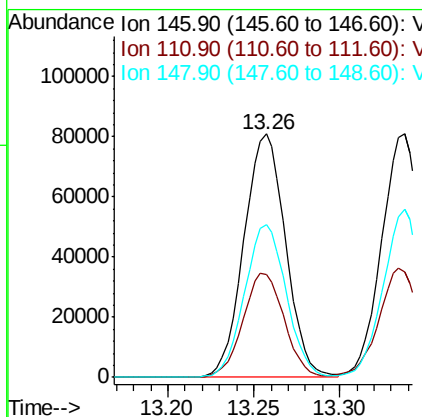
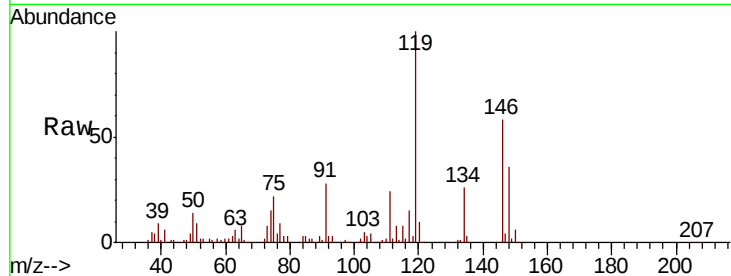
#87
 1,3-Dichlorobenzene
 Concen: 18.118 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.1	66.1
148	62.6	31.7	95.1

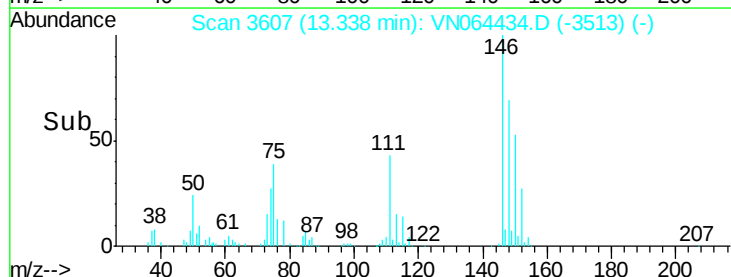
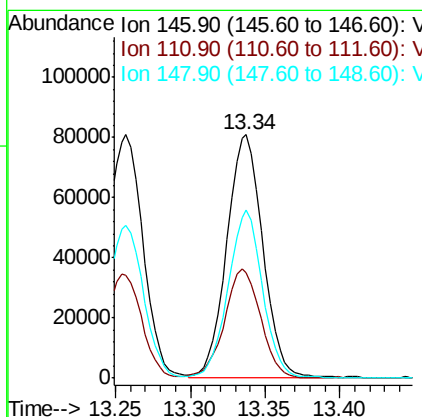
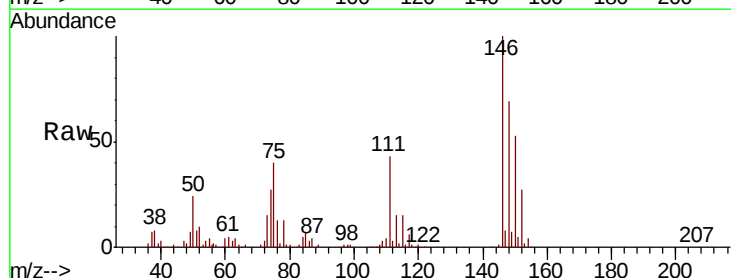
Manual Integrations
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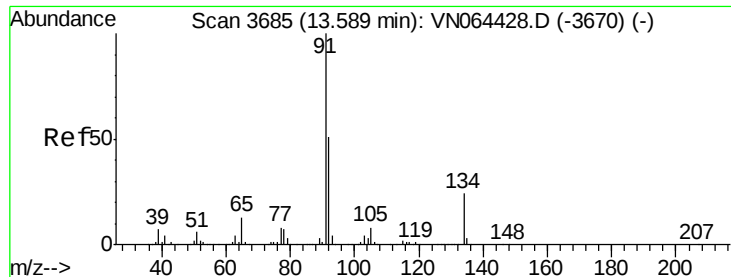
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#88
 1,4-Dichlorobenzene
 Concen: 17.387 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.8	65.3
148	65.7	32.4	97.2





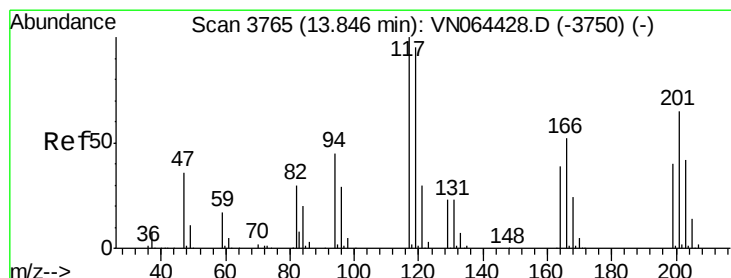
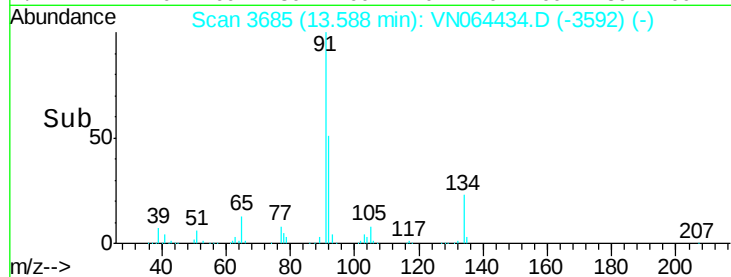
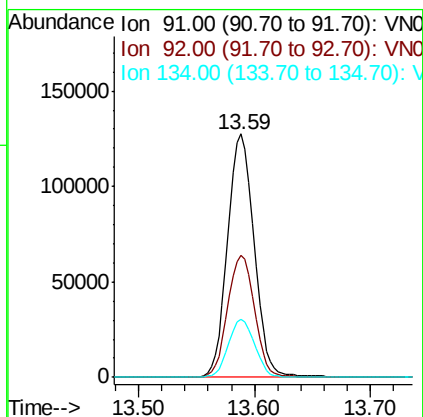
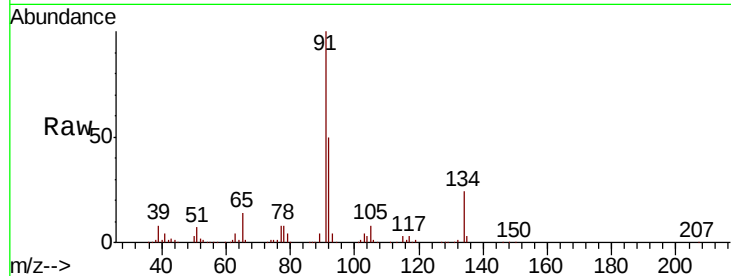
#89
n-Butylbenzene
Concen: 17.978 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.3	75.9
134	23.4	11.8	35.4

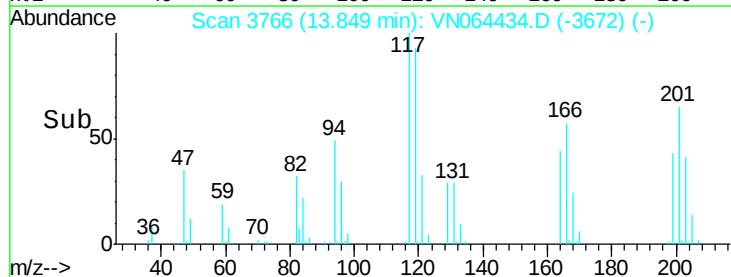
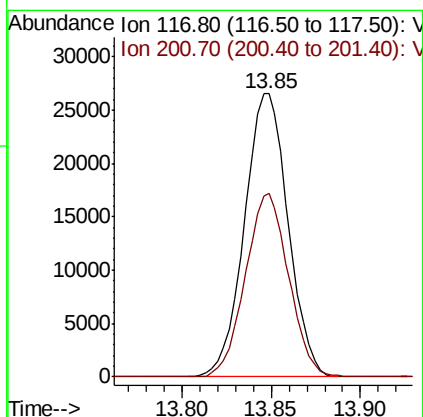
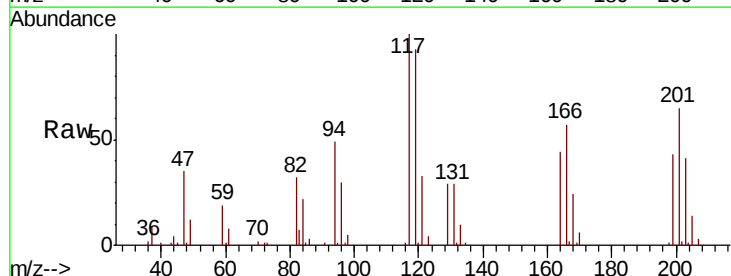
Manual Integrations
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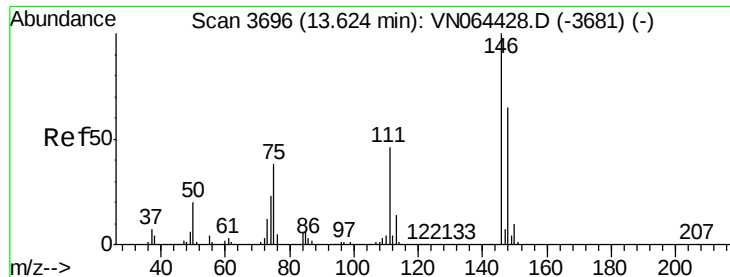
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#90
Hexachloroethane
Concen: 17.976 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.2	32.5	97.5





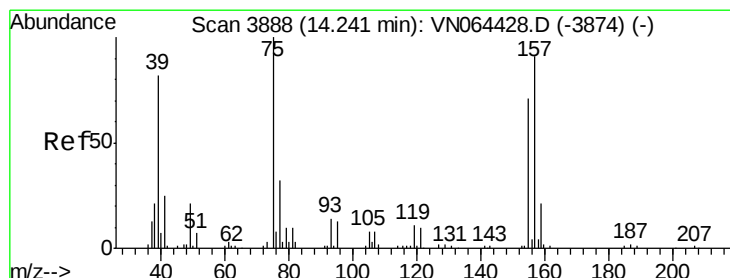
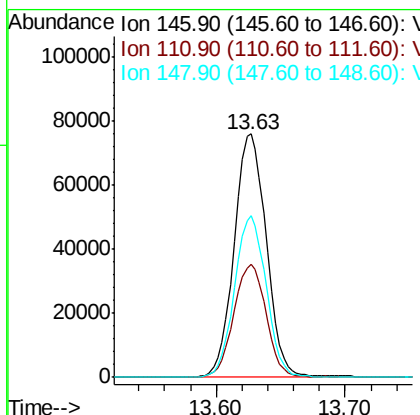
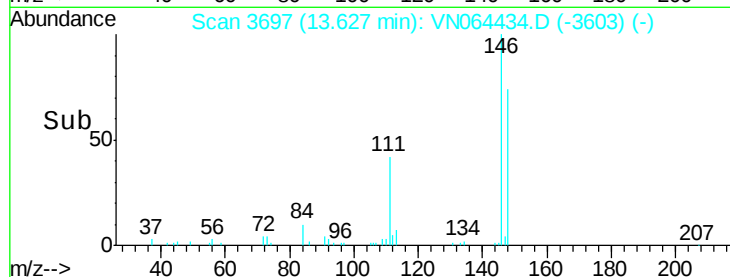
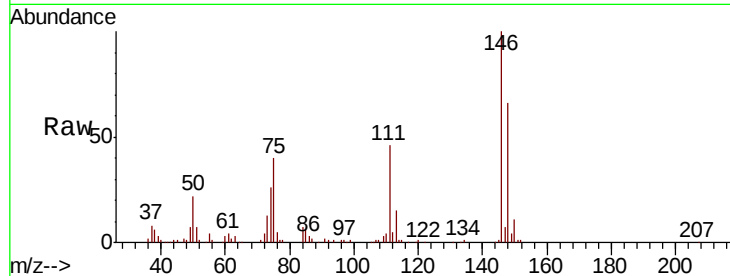
#91
 1,2-Dichlorobenzene
 Concen: 18.241 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampled :
 VN1104WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.9	68.7
148	65.1	32.0	96.2

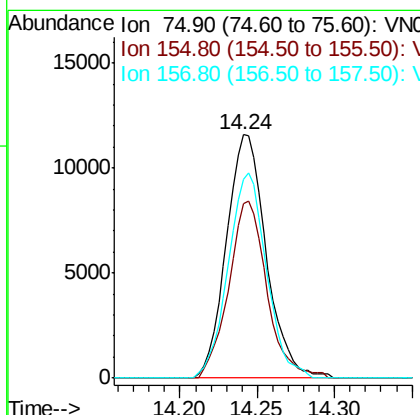
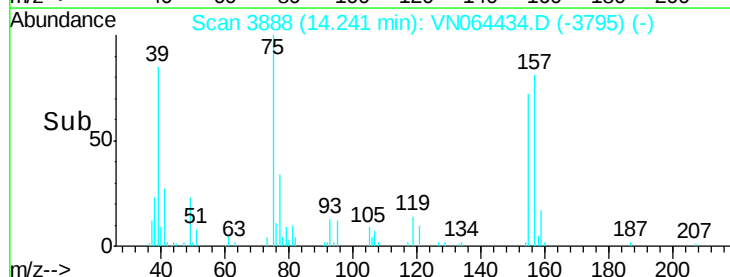
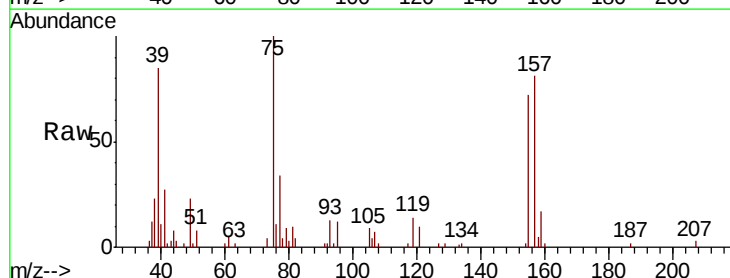
Manual Integrations
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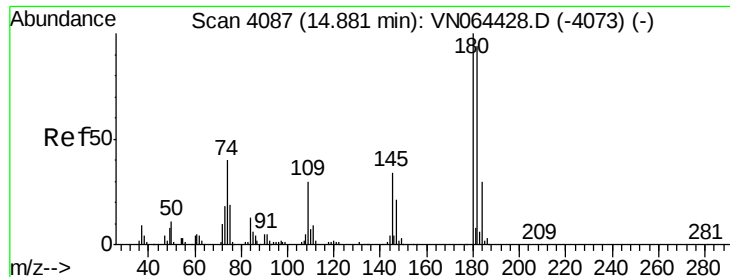
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.975 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	34.6	103.9
157	80.9	43.0	128.8





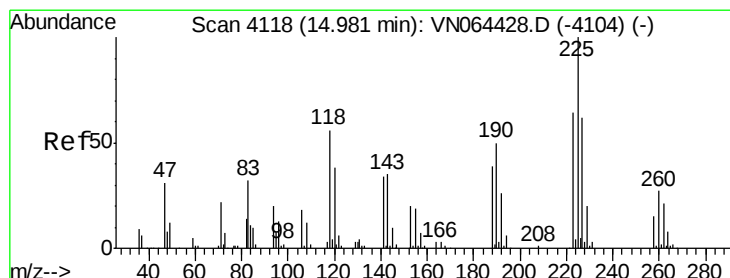
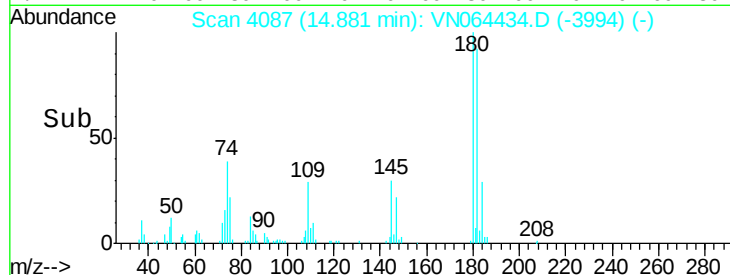
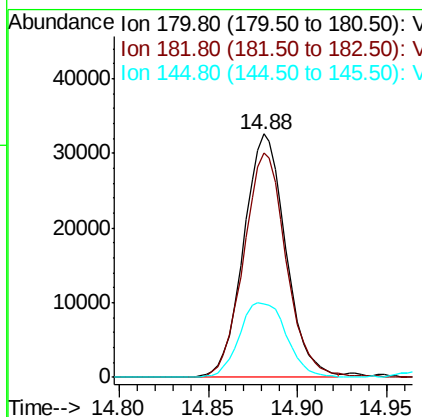
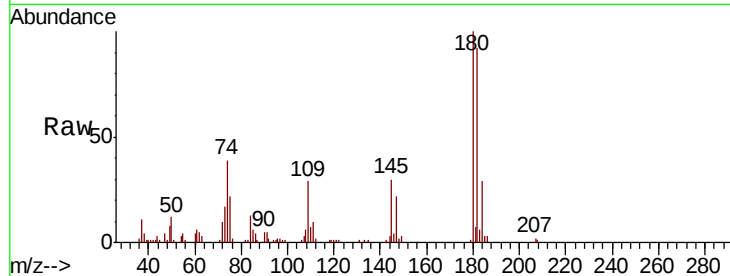
#93
 1,2,4-Trichlorobenzene
 Concen: 16.763 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.3	47.3	142.0	
145	34.3	16.7	50.1	

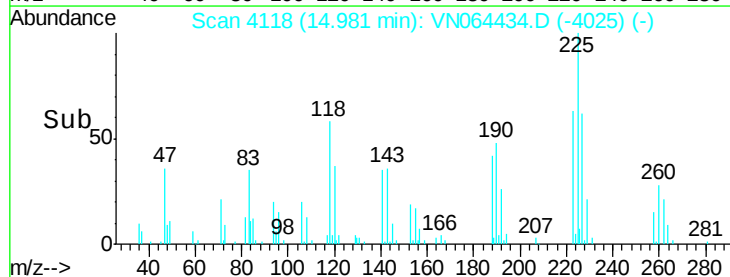
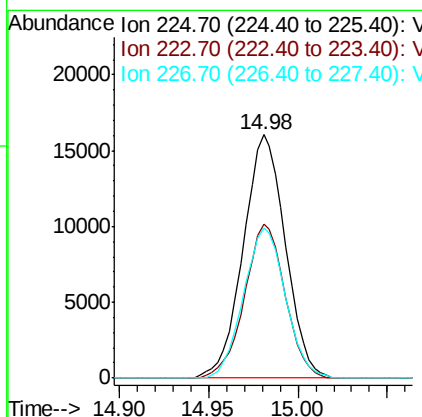
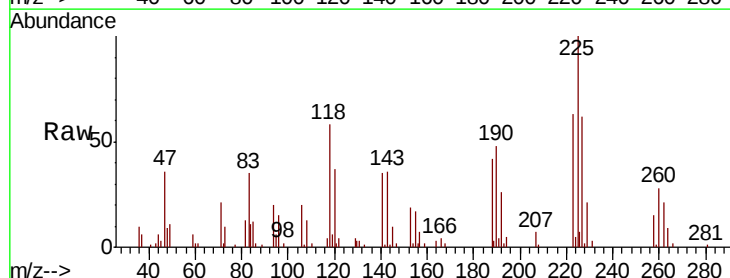
Manual Integrations
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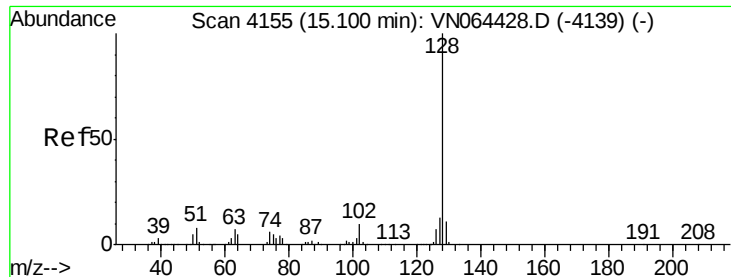
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#94
 Hexachlorobutadiene
 Concen: 17.926 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064434.D
 Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	31.8	95.4	
227	61.4	31.8	95.4	





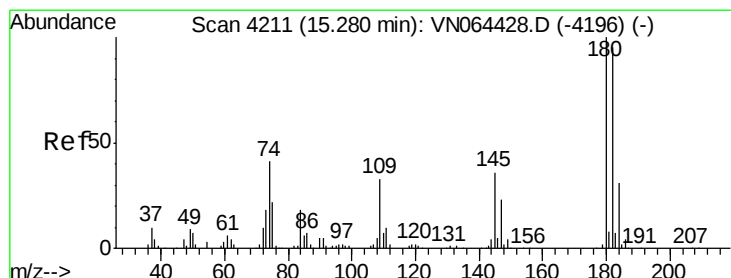
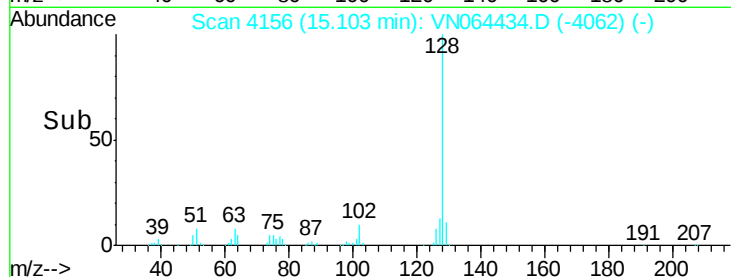
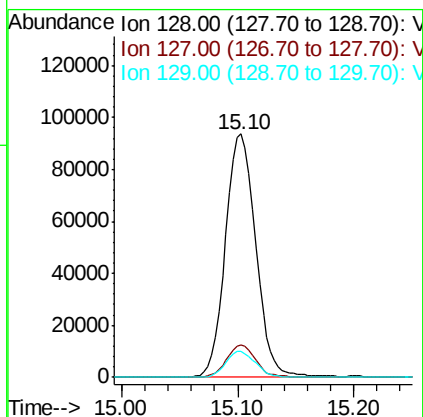
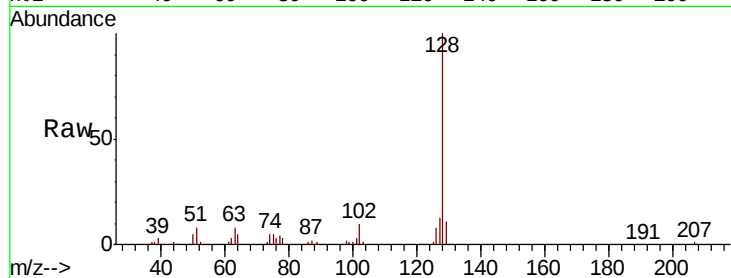
#95
Naphthalene
Concen: 16.497 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.6	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 17.289 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064434.D
Acq: 4 Nov 2020 14:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	36.2	18.3	54.8

