

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064454.D
 Acq On : 5 Nov 2020 12:24
 Operator : JC/MD
 Sample : VN1105WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 8:51:16 AM

Quant Time: Nov 06 03:01:31 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	310228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	262285	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	7.55	113	179708	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.06	98	665806	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
62) 4-Bromofluorobenzene	12.38	95	243056	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	73547	18.212	ug/l	97
3) Chloromethane	2.04	50	86930	17.722	ug/l	98
4) Vinyl Chloride	2.16	62	91470	18.159	ug/l	97
5) Bromomethane	2.53	94	60118	18.682	ug/l	97
6) Chloroethane	2.67	64	59549	18.465	ug/l	98
7) Trichlorofluoromethane	2.98	101	138922	18.730	ug/l	100
8) Diethyl Ether	3.37	74	48544	18.533	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63468	18.019	ug/l	99
10) Methyl Iodide	3.91	142	71103	17.373	ug/l	99
11) Tert butyl alcohol	4.75	59	58056	97.423	ug/l	100
12) 1,1-Dichloroethene	3.69	96	60141	18.127	ug/l	87
13) Acrolein	3.57	56	29884	80.847	ug/l	96
14) Allyl chloride	4.27	41	112517	17.336	ug/l	98
15) Acrylonitrile	4.93	53	160534	96.760	ug/l	100
16) Acetone	3.78	43	173157	84.124	ug/l	98
17) Carbon Disulfide	4.00	76	174116	17.549	ug/l	98
18) Methyl Acetate	4.28	43	73720	18.217	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	212388	17.786	ug/l	99
20) Methylene Chloride	4.50	84	72999	17.875	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	66544	17.664	ug/l	91
22) Diisopropyl ether	5.90	45	247025	17.930	ug/l	95
23) Vinyl Acetate	5.85	43	999591	89.187	ug/l	99
24) 1,1-Dichloroethane	5.79	63	139009	18.361	ug/l	99
25) 2-Butanone	6.79	43	238397	90.899	ug/l	96
26) 2,2-Dichloropropane	6.77	77	122566	17.884	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	77718	17.804	ug/l	99
28) Bromochloromethane	7.15	49	63586	17.087	ug/l	98
29) Tetrahydrofuran	7.17	42	144048	89.523	ug/l	98
30) Chloroform	7.33	83	144846	18.201	ug/l	99
31) Cyclohexane	7.61	56	113208	17.234	ug/l	# 96
32) 1,1,1-Trichloroethane	7.52	97	127657	18.086	ug/l	99
36) 1,1-Dichloropropene	7.75	75	101337	17.738	ug/l	98
37) Ethyl Acetate	6.88	43	89659	15.990	ug/l	98
38) Carbon Tetrachloride	7.73	117	110830	18.152	ug/l	95

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	91072	17.783	ug/l	96
40) Benzene	8.00	78	298378	17.774	ug/l	99
41) Methacrylonitrile	7.12	41	44228	17.462	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	122646	18.103	ug/l	99
43) Isopropyl Acetate	8.13	43	166776	18.013	ug/l	99
44) Trichloroethene	8.80	130	74879	17.679	ug/l	97
45) 1,2-Dichloropropane	9.08	63	83875	18.725	ug/l	100
46) Dibromomethane	9.17	93	54953	18.636	ug/l	99
47) Bromodichloromethane	9.37	83	116271	18.338	ug/l	95
48) Methyl methacrylate	9.17	41	84167	18.016	ug/l	99
49) 1,4-Dioxane	9.17	88	24414	396.754	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	504821	93.499	ug/l	100
52) Toluene	10.12	92	189353	18.493	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	119338	17.754	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	127523	17.744	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	72603	18.182	ug/l	98
56) Ethyl methacrylate	10.40	69	103169	16.966	ug/l	98
57) 1,3-Dichloropropane	10.68	76	128061	18.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	268465	100.566	ug/l	98
59) 2-Hexanone	10.72	43	369741	86.655	ug/l	97
60) Dibromochloromethane	10.87	129	81029	18.124	ug/l	100
61) 1,2-Dibromoethane	10.98	107	75734	18.698	ug/l	99
64) Tetrachloroethene	10.60	164	69675	17.797	ug/l	98
65) Chlorobenzene	11.41	112	199621	17.917	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	75742	18.222	ug/l	99
67) Ethyl Benzene	11.48	91	354180	17.871	ug/l	99
68) m/p-Xylenes	11.60	106	259019	36.038	ug/l	98
69) o-Xylene	11.92	106	120785	17.391	ug/l	99
70) Styrene	11.94	104	205826	17.612	ug/l	99
71) Bromoform	12.10	173	50632	17.084	ug/l #	97
73) Isopropylbenzene	12.22	105	317372	17.730	ug/l	100
74) N-amyl acetate	12.05	43	138042	16.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	100613	18.300	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	103977m	19.055	ug/l	
77) Bromobenzene	12.50	156	77037	17.628	ug/l	96
78) n-propylbenzene	12.57	91	371570	18.207	ug/l	99
79) 2-Chlorotoluene	12.65	91	234890	18.148	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	268408	18.176	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32555	16.658	ug/l	95
82) 4-Chlorotoluene	12.75	91	244307	18.023	ug/l	98
83) tert-Butylbenzene	12.97	119	209587	18.172	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	267672	18.031	ug/l	100
85) sec-Butylbenzene	13.14	105	267113	18.287	ug/l	99
86) p-Isopropyltoluene	13.26	119	240761	18.325	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	135150	17.890	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	137056	17.556	ug/l	98
89) n-Butylbenzene	13.59	91	203467	18.012	ug/l	99
90) Hexachloroethane	13.85	117	44223	17.449	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	134980	18.575	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20303	18.547	ug/l	98

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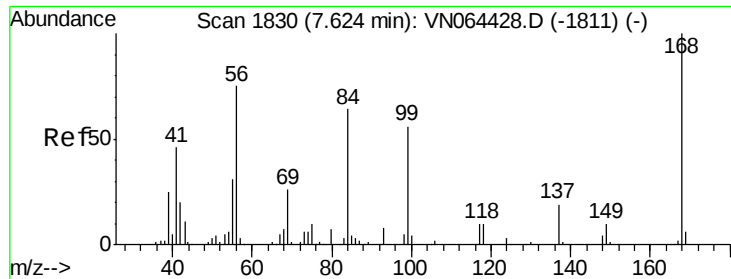
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52395	16.390	ug/l	98
94) Hexachlorobutadiene	14.98	225	26867	18.159	ug/l	99
95) Naphthalene	15.10	128	163250	15.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	50616	16.449	ug/l	96

(#) = 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: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1105WBS01

Tot Ion:168 Resp: 310228

Ion Ratio Lower Upper

168 100

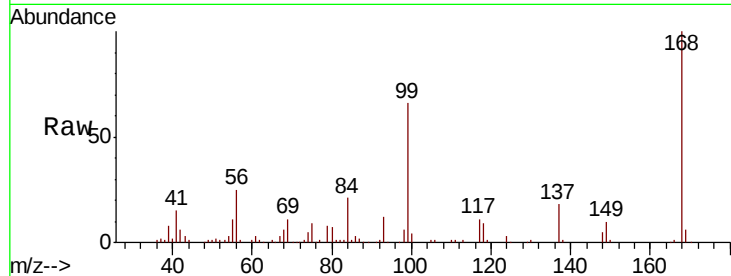
99 65.8 53.4 80.2

Manual Integrations

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11/6/2020 8:51:16 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

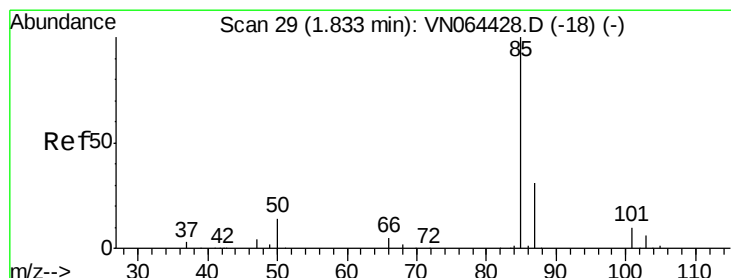
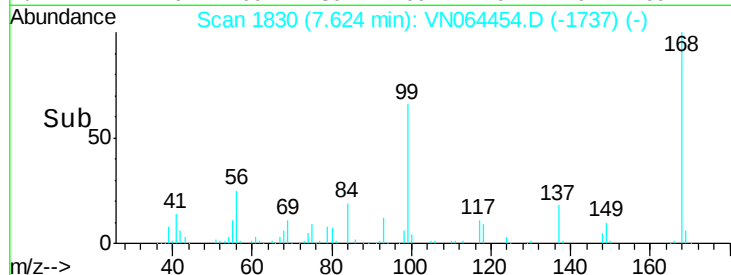
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 18.212 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064454.D

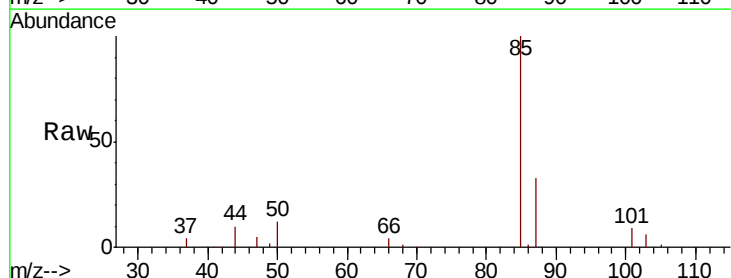
Acq: 5 Nov 2020 12:24

Tgt Ion: 85 Resp: 73547

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

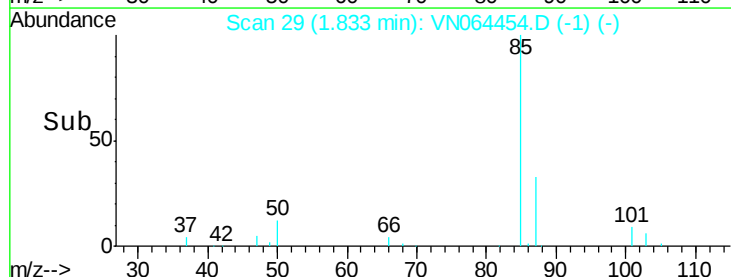
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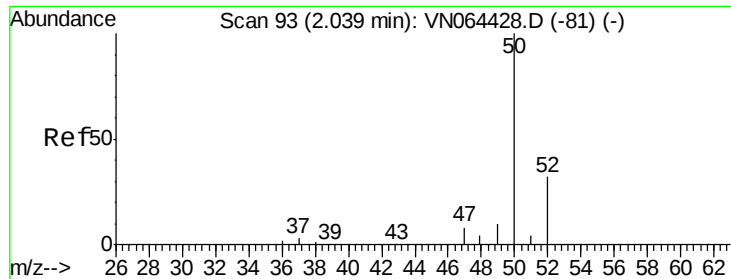
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.722 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1105WBS01

Tot Ion: 50 Resp: 86930

Ion Ratio Lower Upper

50 100

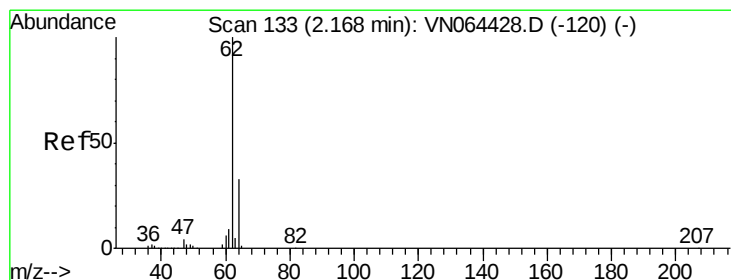
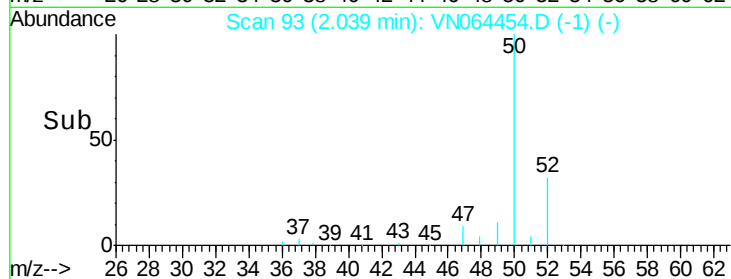
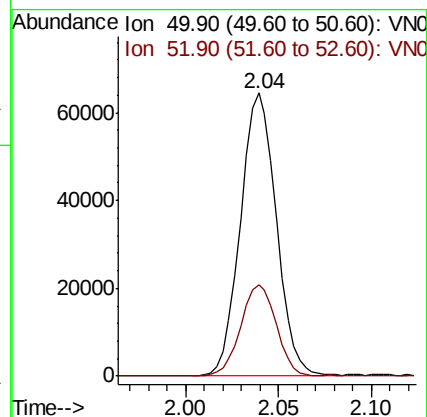
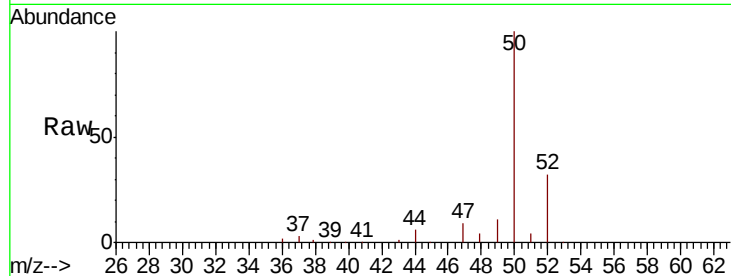
52 32.5 25.3 37.9

Manual Integrations

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11/6/2020 8:51:16 AM



#4

Vinyl Chloride

Concen: 18.159 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064454.D

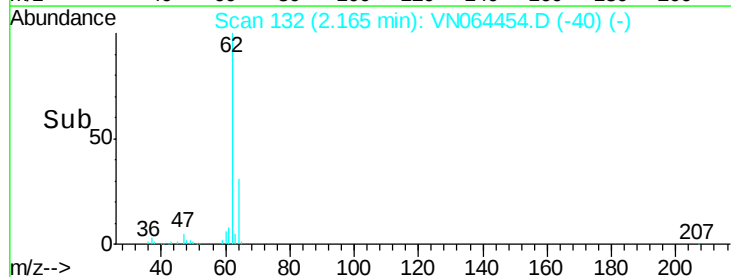
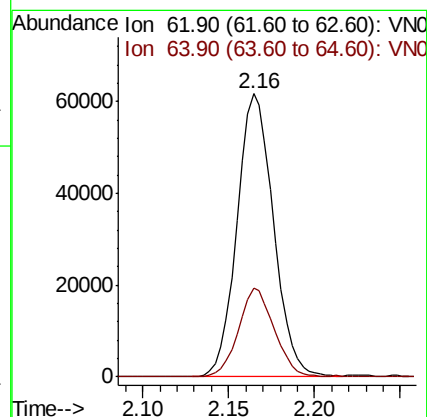
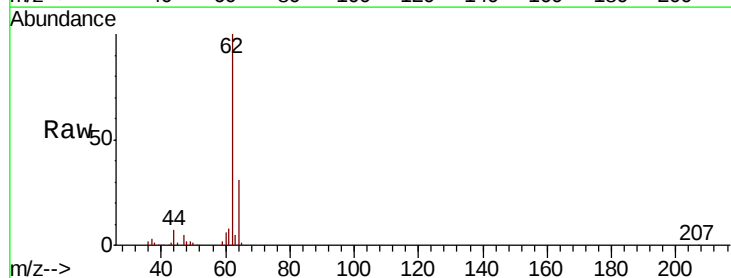
Acq: 5 Nov 2020 12:24

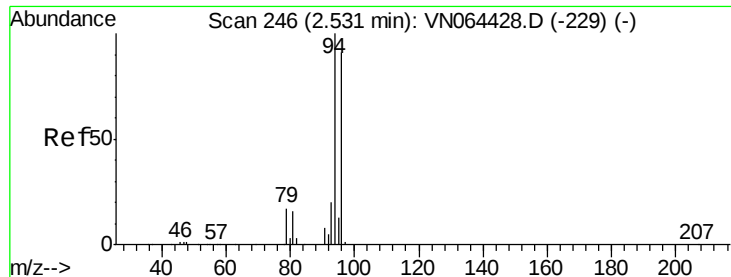
Tgt Ion: 62 Resp: 91470

Ion Ratio Lower Upper

62 100

64 31.2 26.3 39.5





#5

Bromomethane

Concen: 18.682 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

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ClientSampleId :

VN1105WBS01

Tot Ion: 94 Resp: 60118

Ion Ratio Lower Upper

94 100

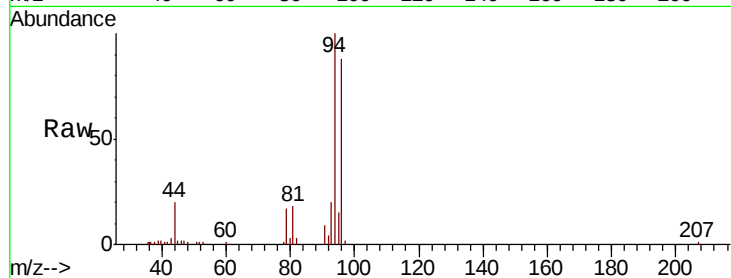
96 88.4 73.1 109.7

Manual Integrations

APPROVED

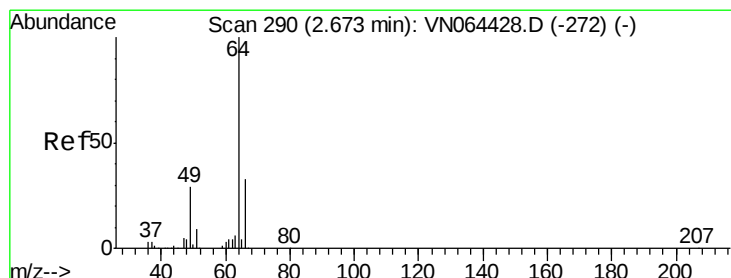
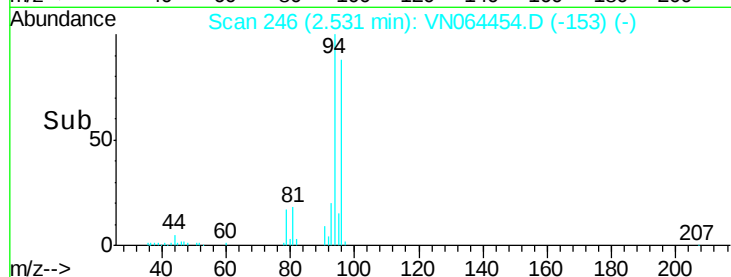
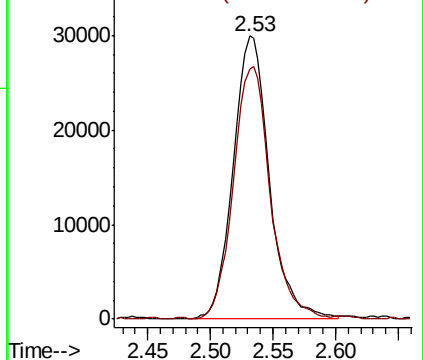
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.465 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064454.D

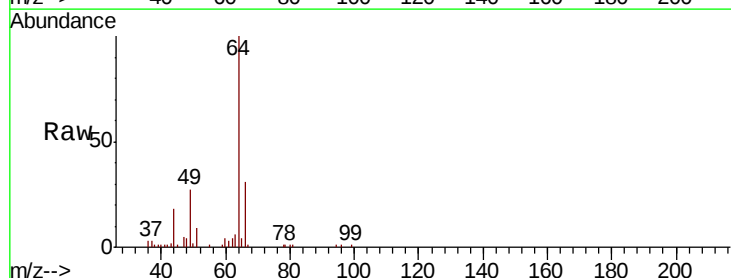
Acq: 5 Nov 2020 12:24

Tgt Ion: 64 Resp: 59549

Ion Ratio Lower Upper

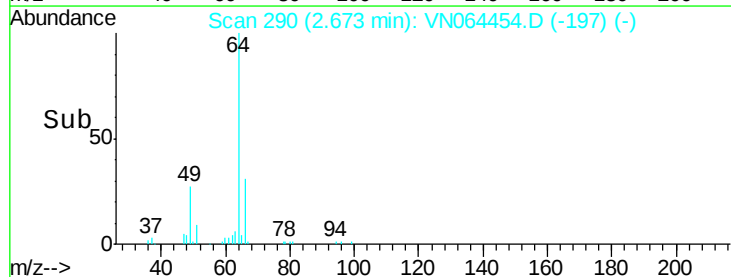
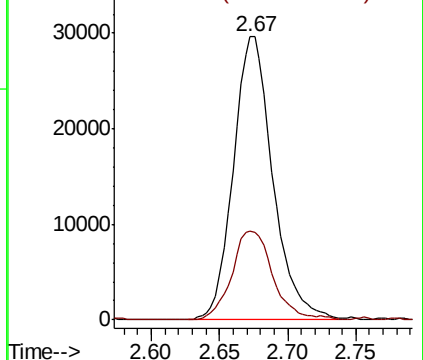
64 100

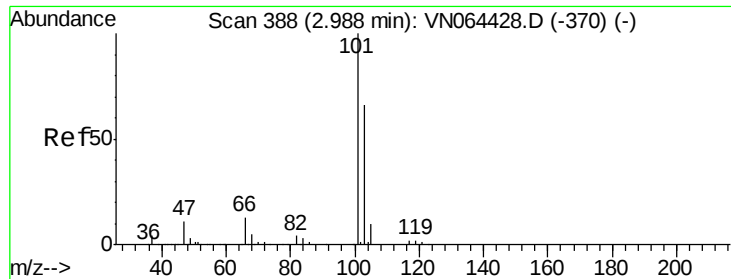
66 31.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

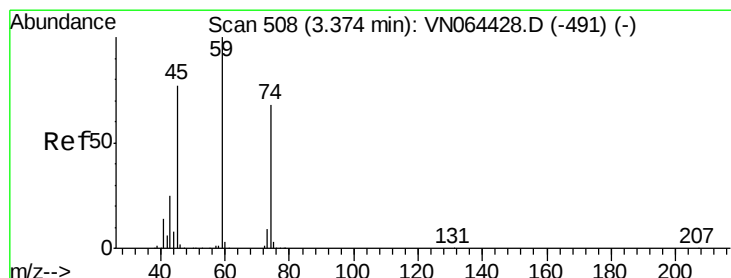
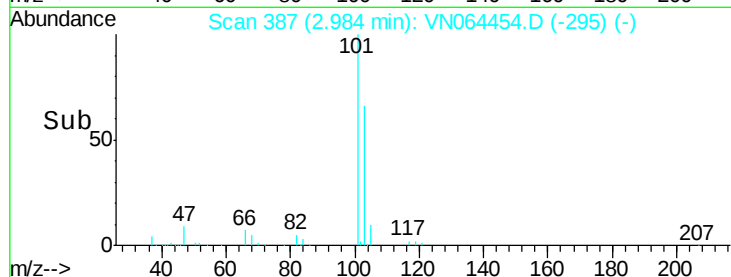
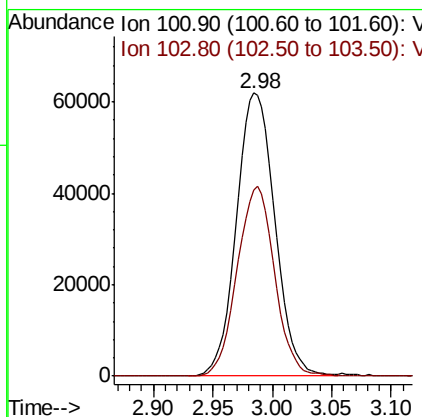
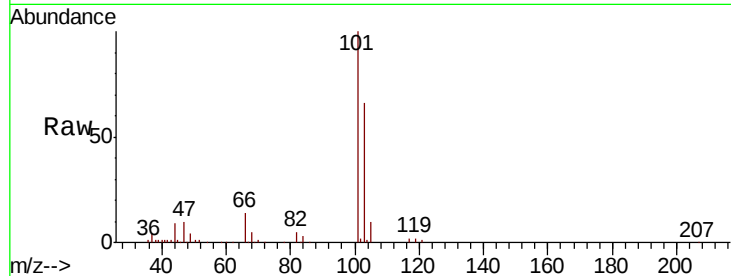
Trichlorofluoromethane
Concen: 18.730 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.4	78.6

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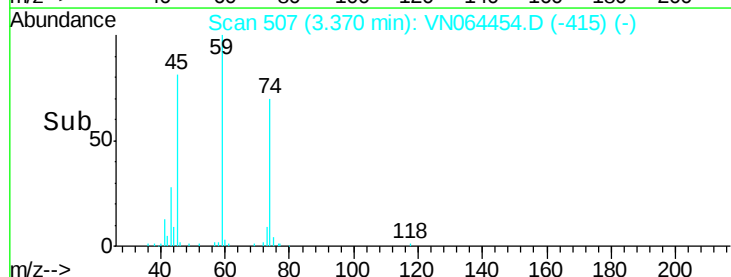
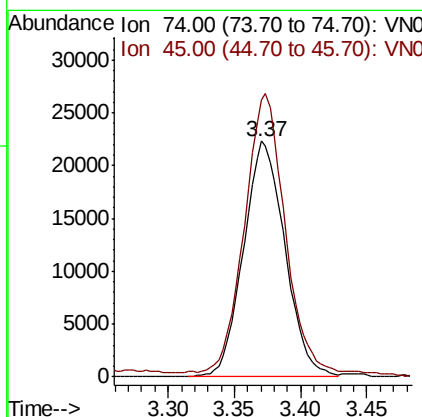
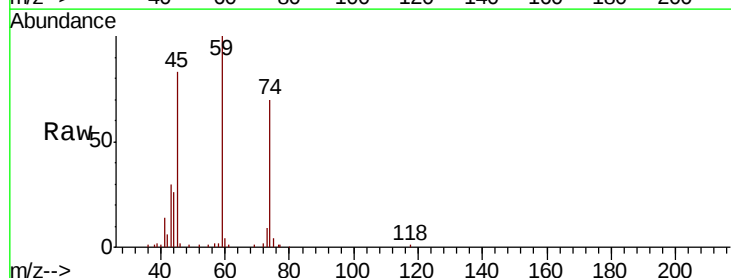
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11/6/2020 8:51:16 AM

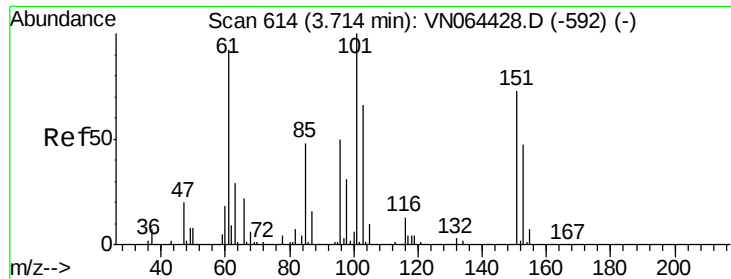


#8

Diethyl Ether
Concen: 18.533 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.9	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.019 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

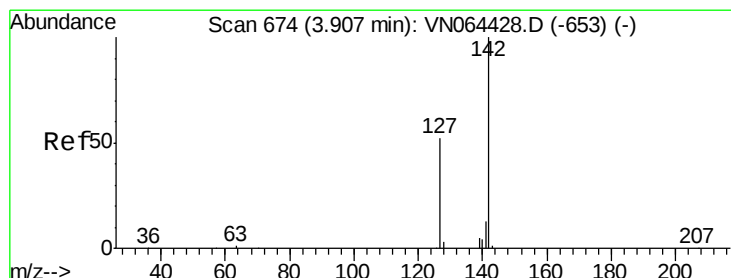
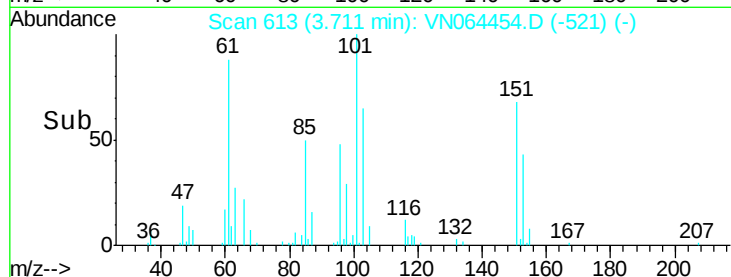
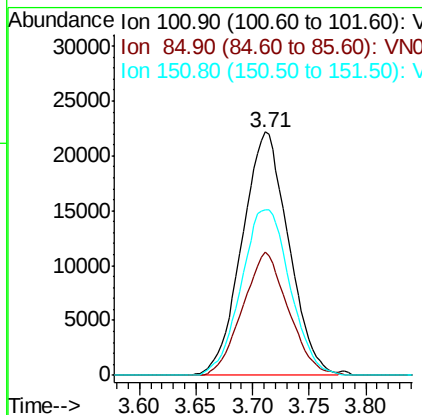
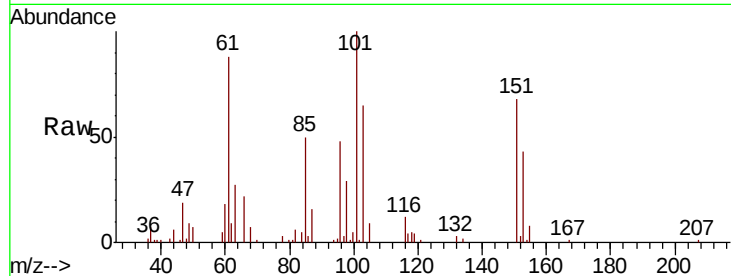
ClientSampleId :

VN1105WBS01

Tot Ion:	101	Resp:	63468
Ion Ratio	Lower	Upper	
101	100		
85	49.5	38.6	57.8
151	71.5	57.5	86.3

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#10

Methyl Iodide

Concen: 17.373 ug/l

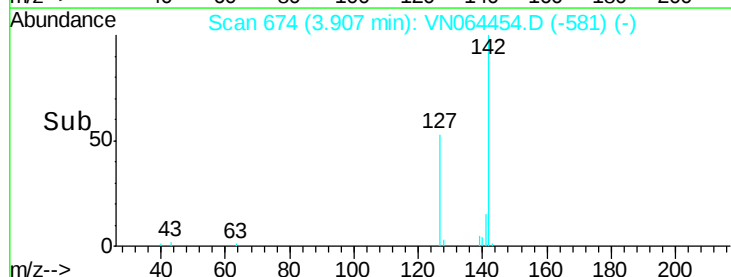
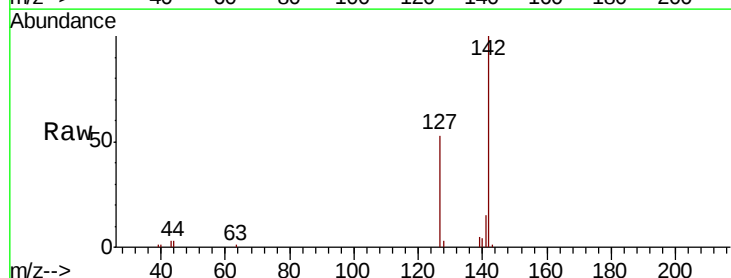
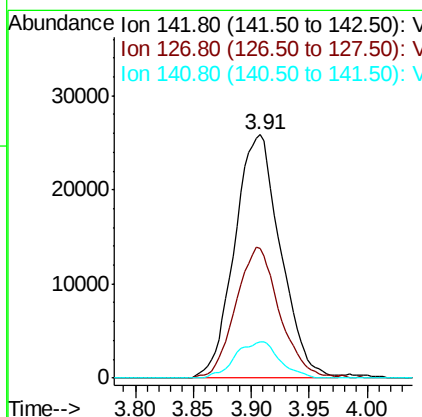
RT: 3.91 min Scan# 674

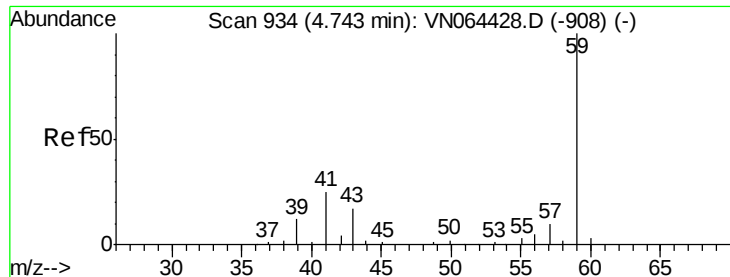
Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion:	142	Resp:	71103
Ion Ratio	Lower	Upper	
142	100		
127	51.1	41.8	62.8
141	14.4	11.4	17.2





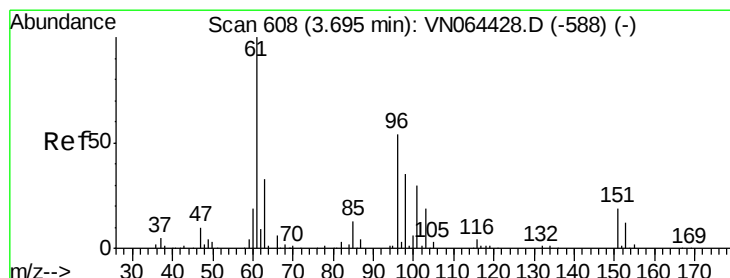
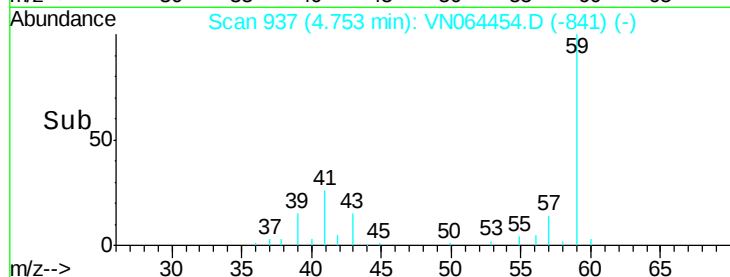
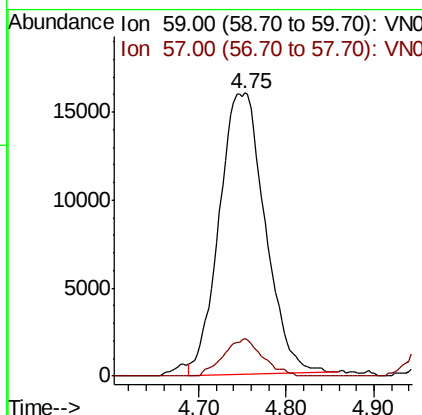
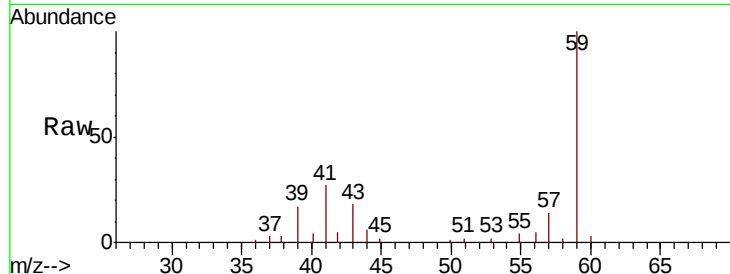
#11
Tert butyl alcohol
Concen: 97.423 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	9.0	13.4

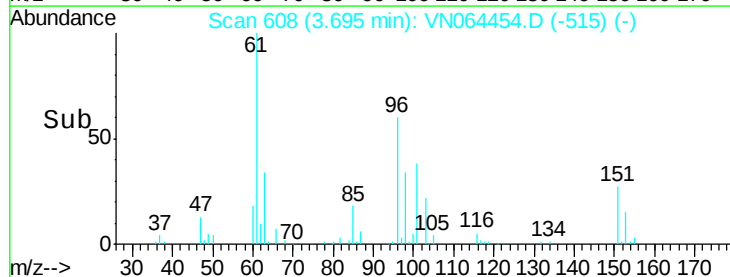
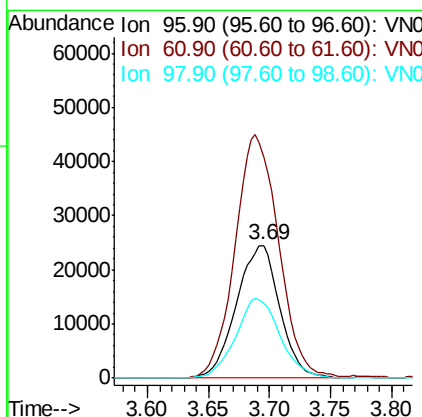
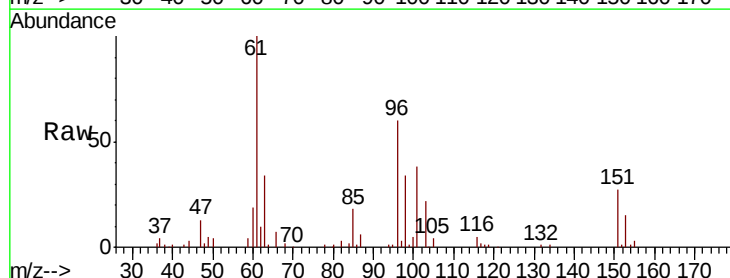
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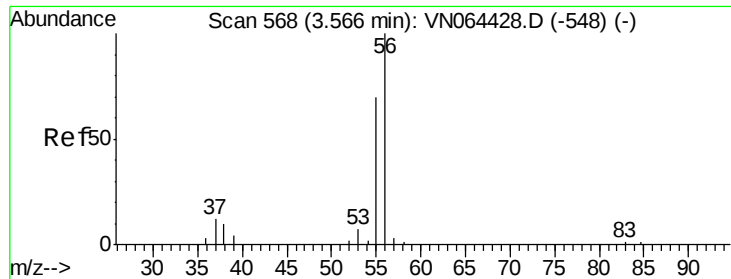
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.127 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.5	149.5	224.3
98	56.7	52.4	78.6





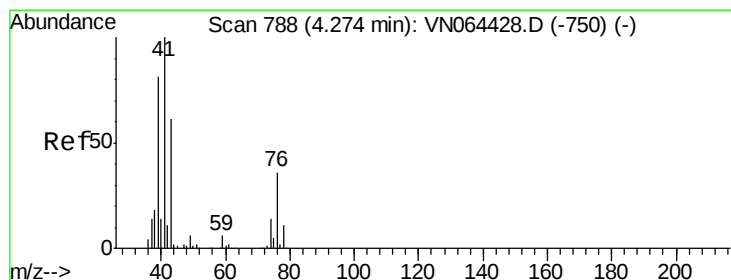
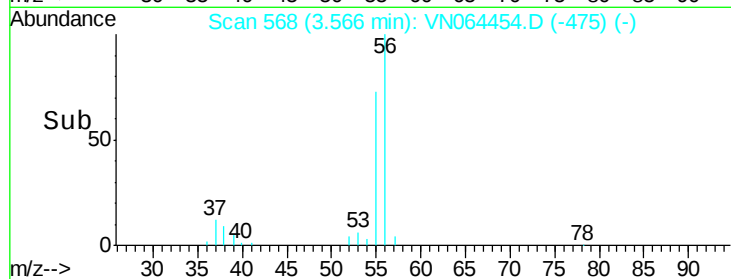
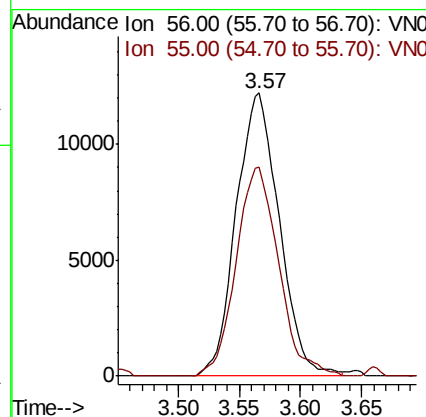
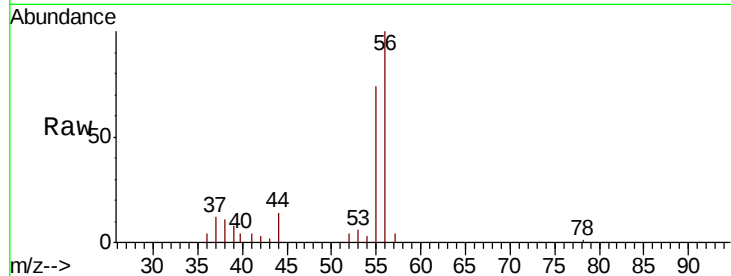
#13
Acrolein
Concen: 80.847 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.0	55.9	83.9

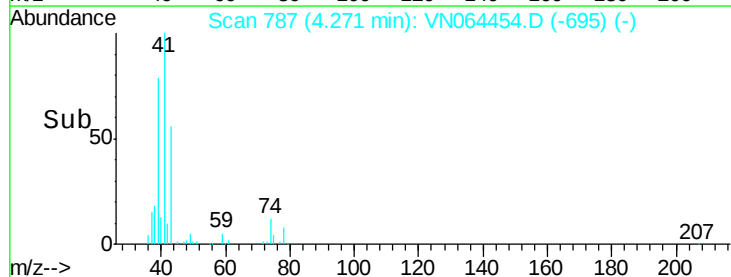
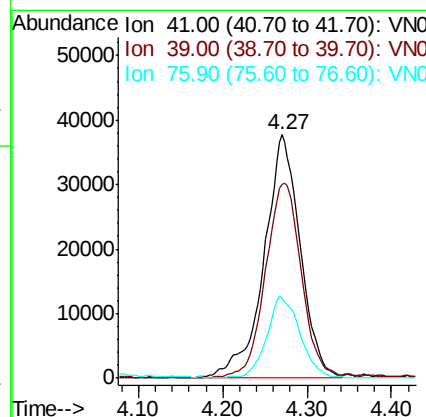
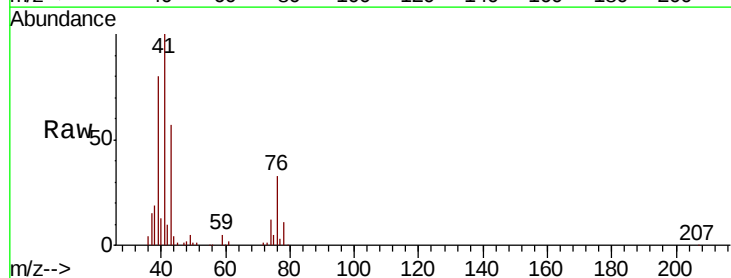
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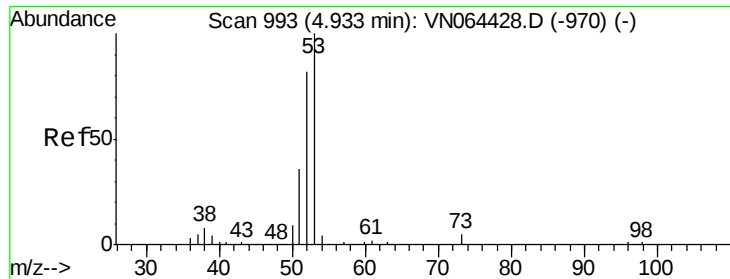
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#14
Allyl chloride
Concen: 17.336 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.5	61.8	92.8
76	31.0	25.4	38.0





#15

Acrylonitrile

Concen: 96.760 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

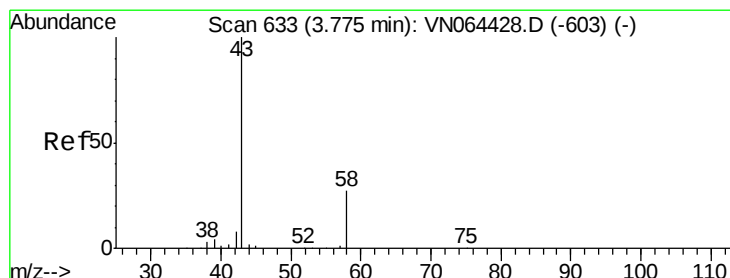
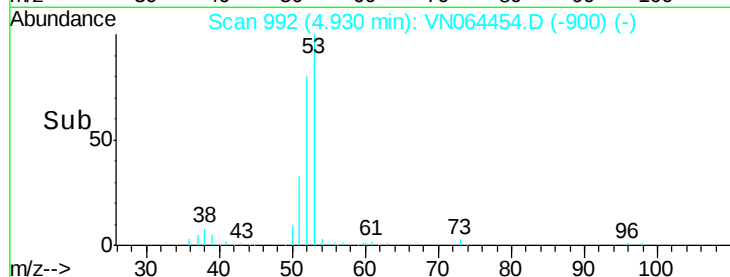
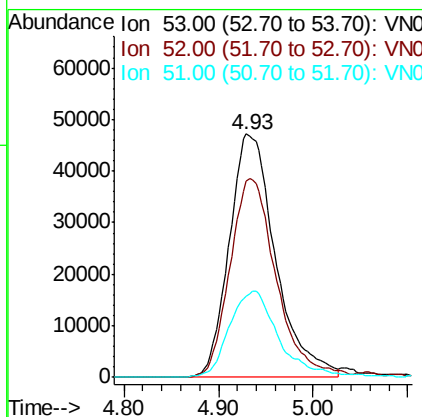
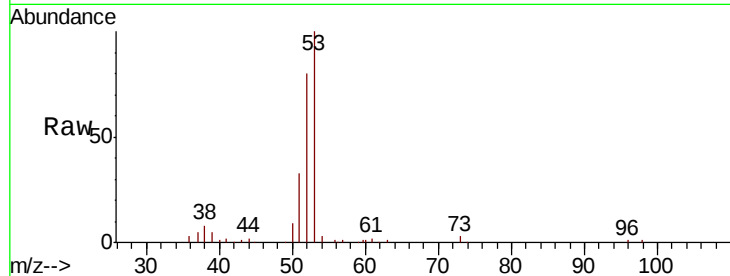
ClientSampleId :

VN1105WBS01

Tot Ion:	53	Resp:	160534
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.6	98.4
51	37.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 84.124 ug/l

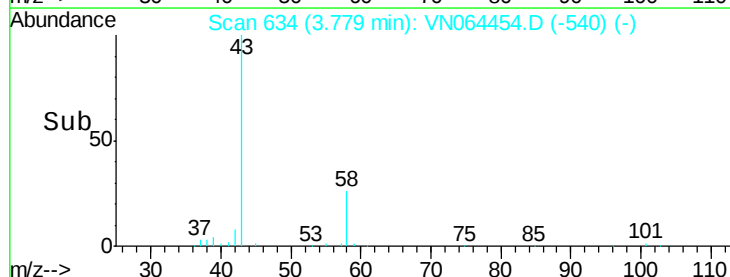
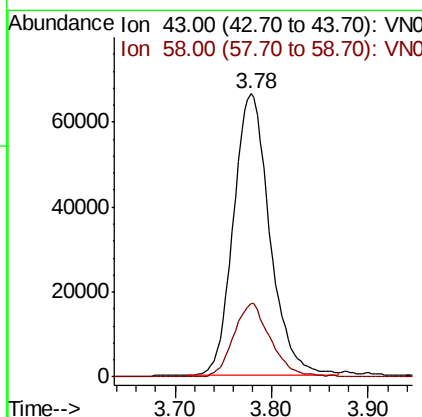
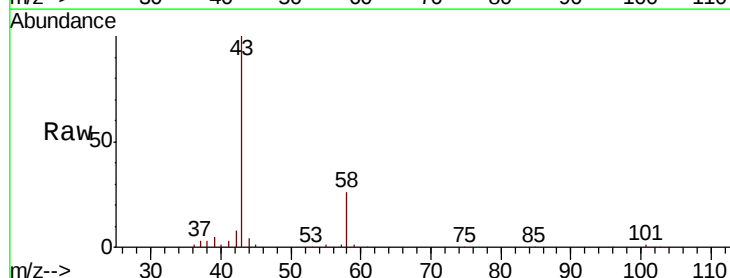
RT: 3.78 min Scan# 634

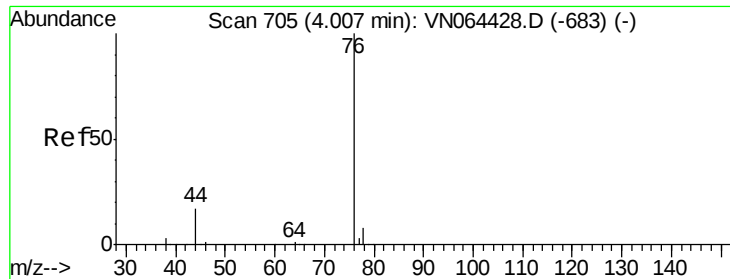
Delta R.T. 0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion:	43	Resp:	173157
Ion	Ratio	Lower	Upper
43	100		
58	25.9	21.4	32.0





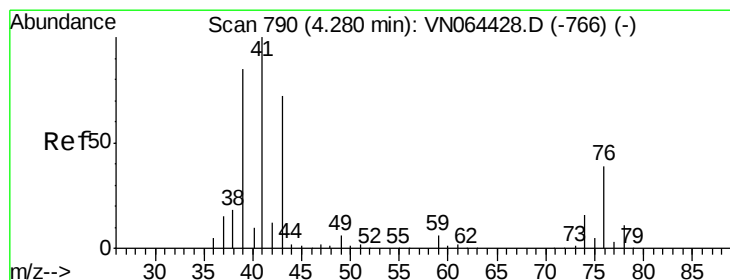
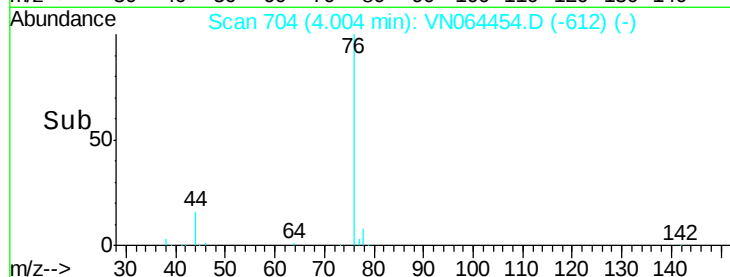
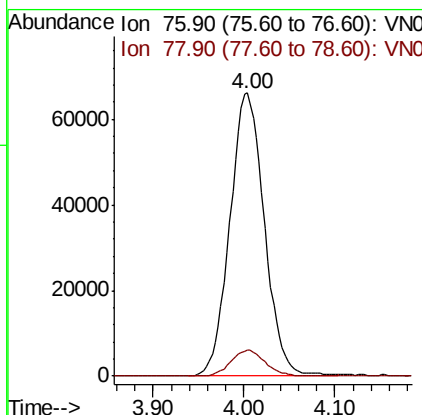
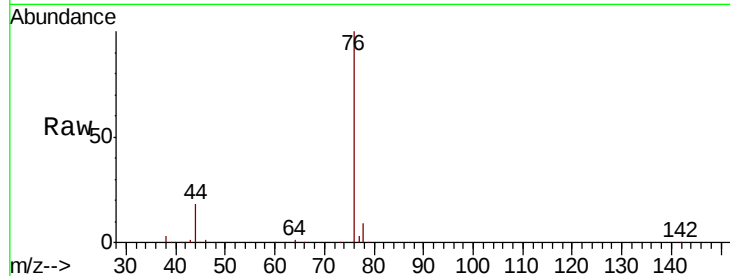
#17
Carbon Disulfide
Concen: 17.549 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.8	10.2

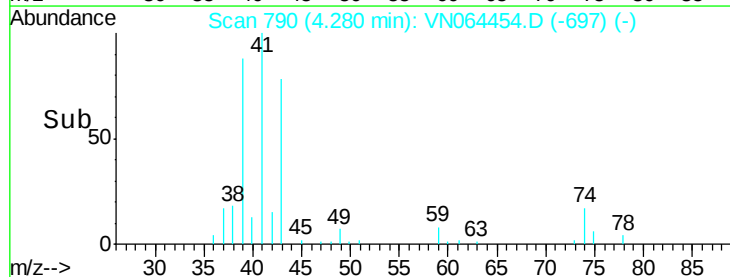
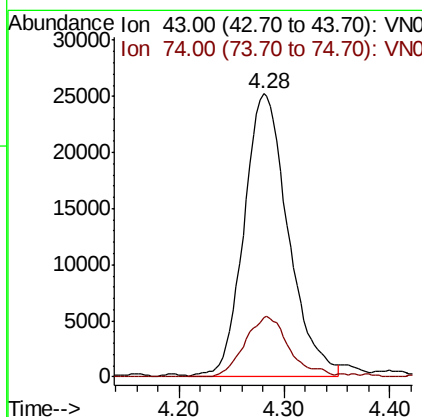
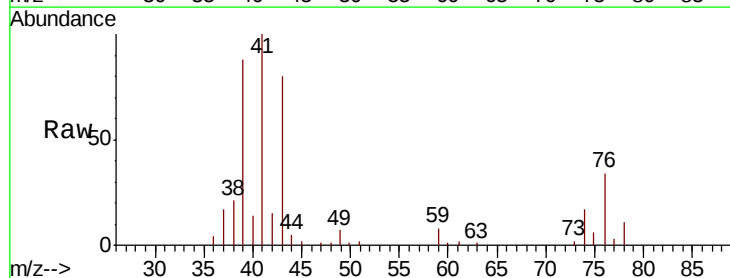
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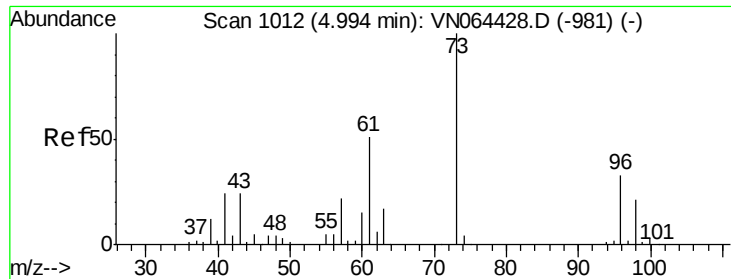
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#18
Methyl Acetate
Concen: 18.217 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.0	25.4





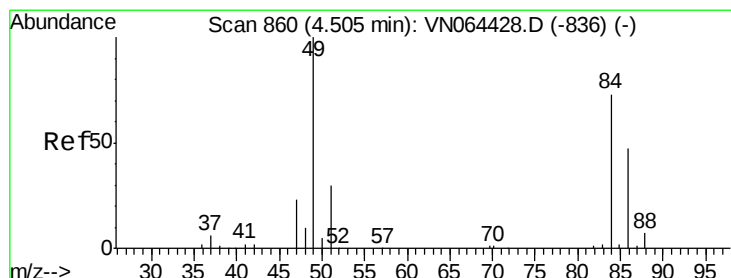
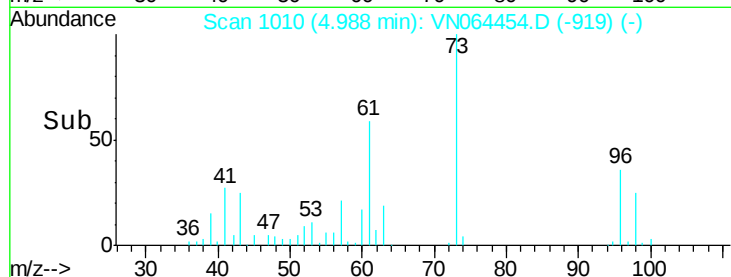
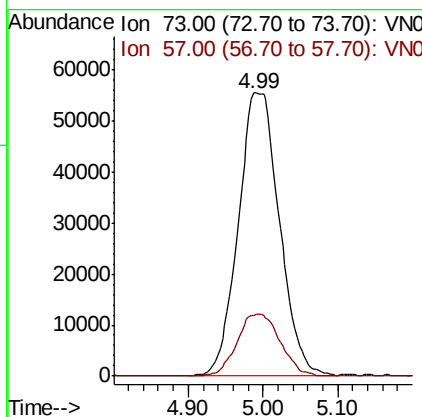
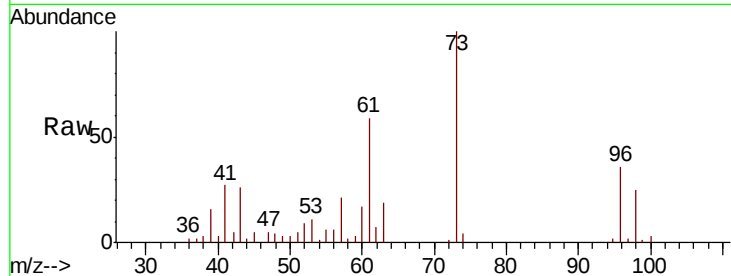
#19
Methvl tert-butvl Ether
Concen: 17.786 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion: 73 Resp: 212388
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

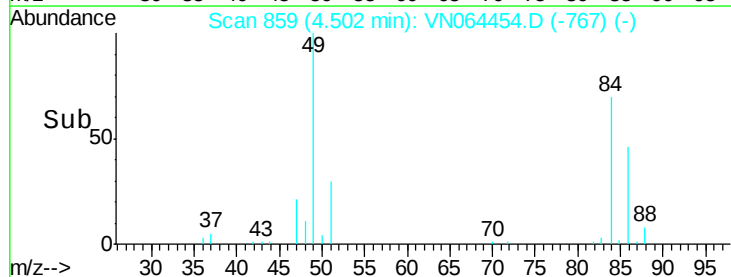
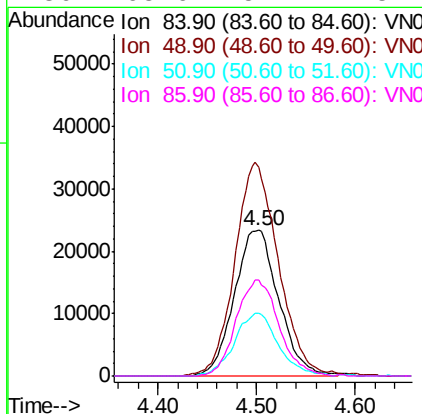
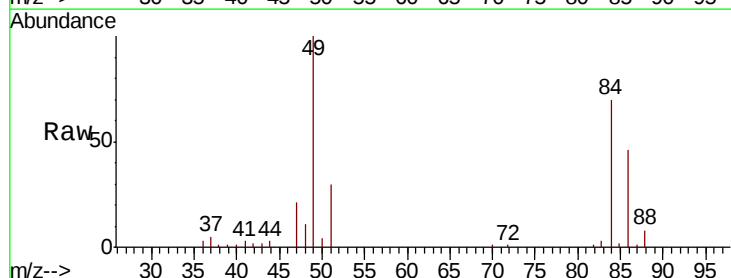
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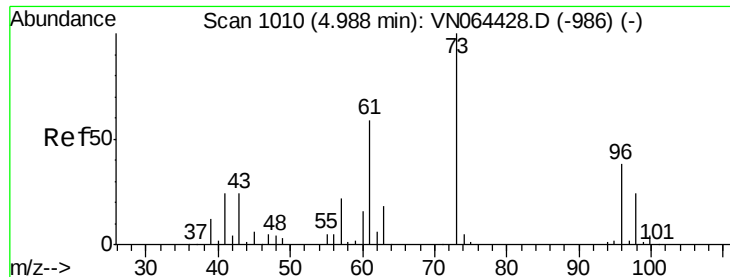
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#20
Methylene Chloride
Concen: 17.875 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion: 84 Resp: 72999
Ion Ratio Lower Upper
84 100
49 142.4 110.1 165.1
51 43.4 33.6 50.4
86 65.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.664 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1105WBS01

Tot Ion: 96 Resp: 66544

Ion Ratio Lower Upper

96 100

61 163.5 122.4 183.6

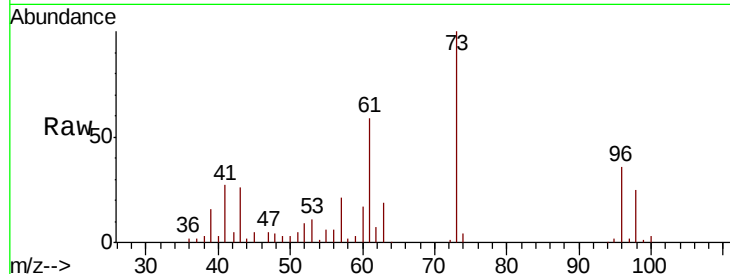
98 70.4 50.4 75.6

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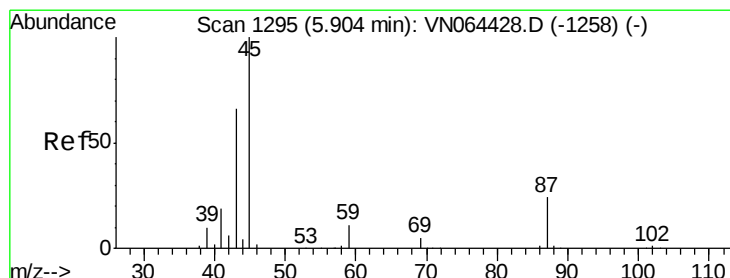
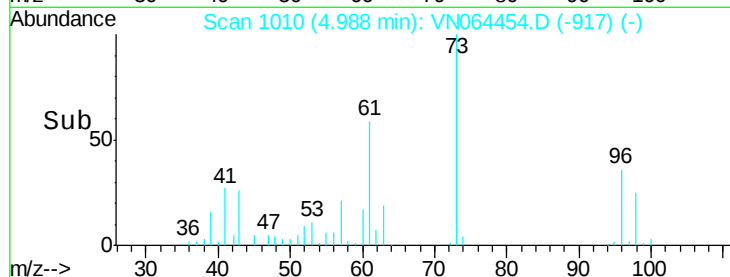
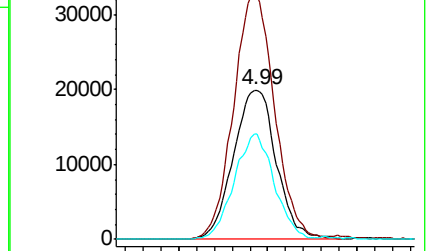
11/6/2020 8:51:16 AM



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-986) (-)



#22

Diisopropyl ether

Concen: 17.930 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion: 45 Resp: 247025

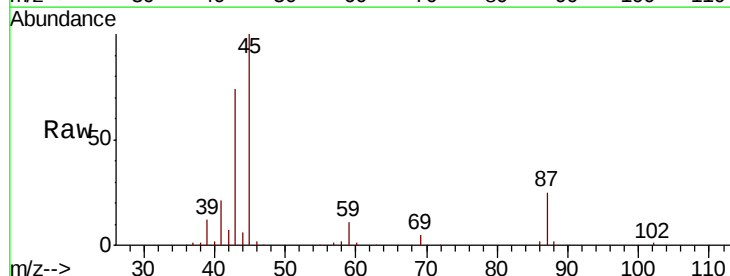
Ion Ratio Lower Upper

45 100

43 72.7 53.2 79.8

87 24.7 19.9 29.9

59 10.7 8.6 13.0

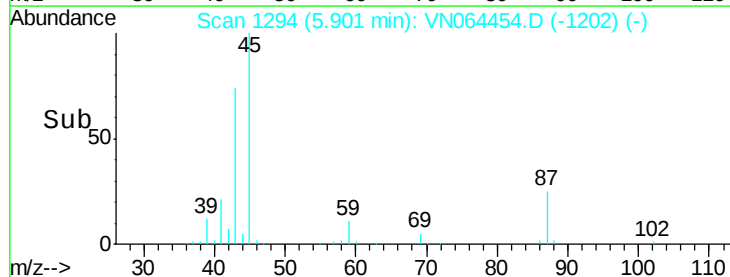
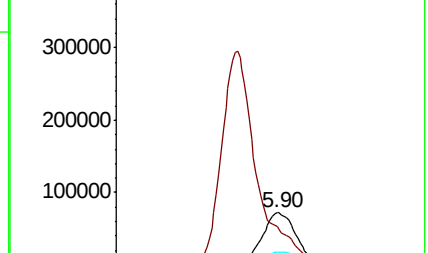


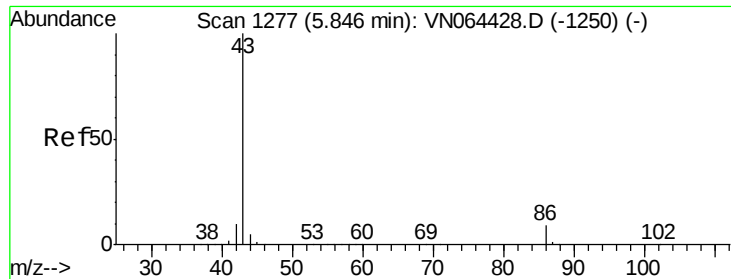
Abundance Ion 45.00 (44.70 to 45.70): VN064428.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN064428.D (-1258) (-)





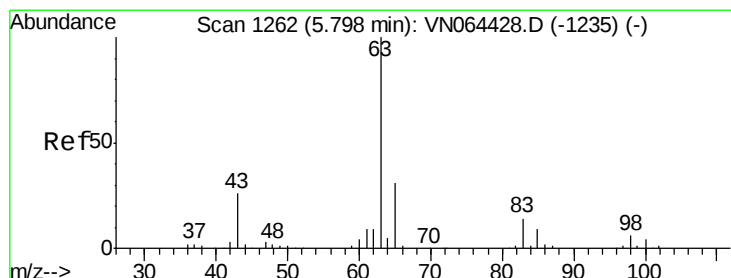
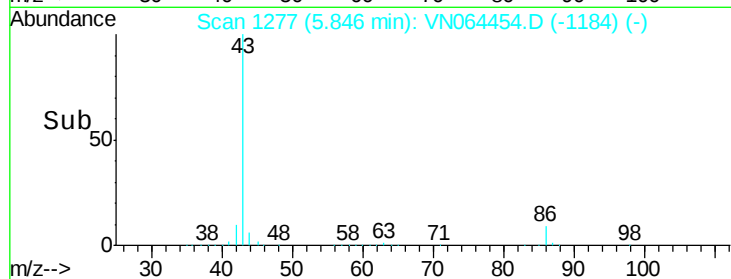
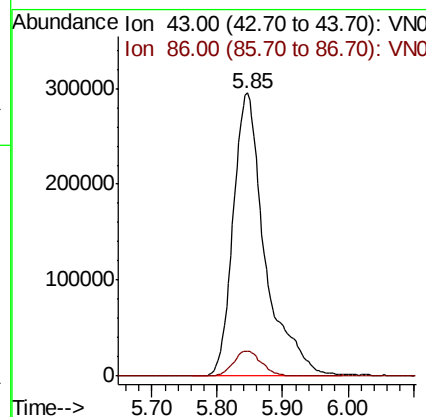
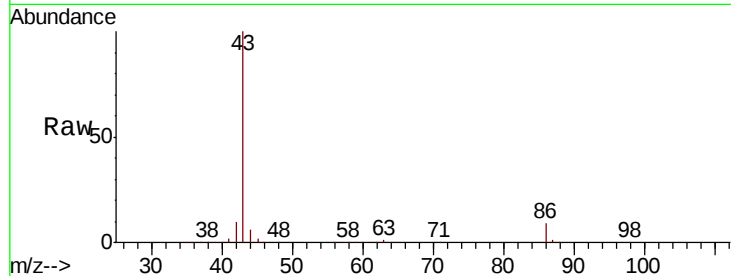
#23
 Vinyl Acetate
 Concen: 89.187 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.9	6.8	10.2

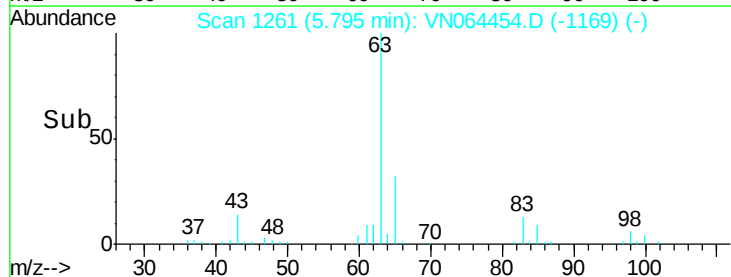
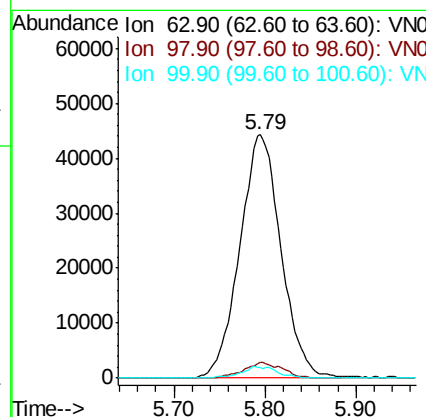
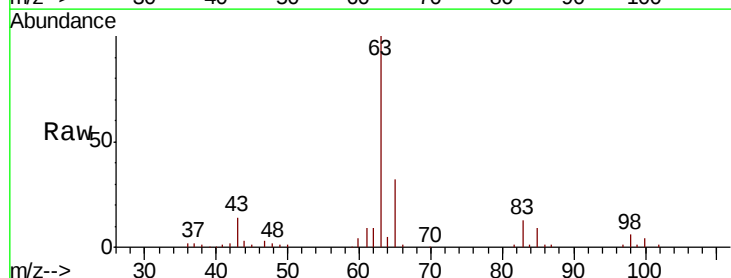
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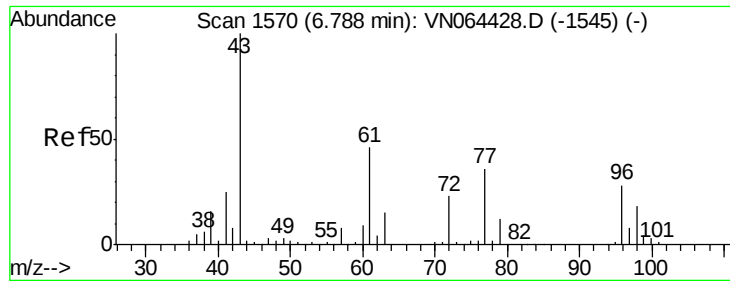
MMDadoda
 11/6/2020 8:51:16 AM



#24
 1,1-Dichloroethane
 Concen: 18.361 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	4.2	1.8	5.3





#25

2-Butanone

Concen: 90.899 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1105WBS01

Tot Ion: 43 Resp: 238397

Ion Ratio Lower Upper

43 100

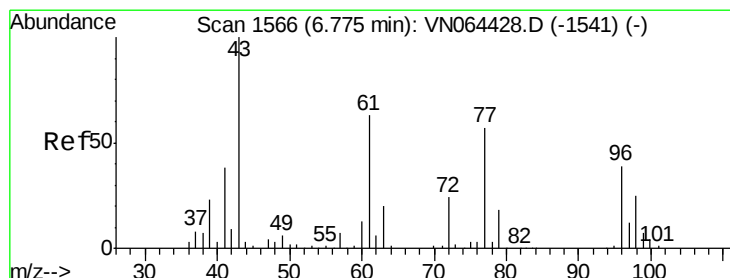
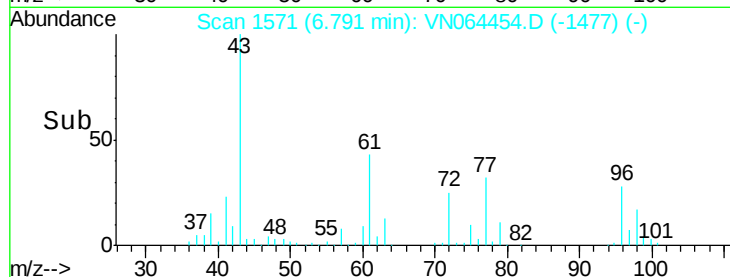
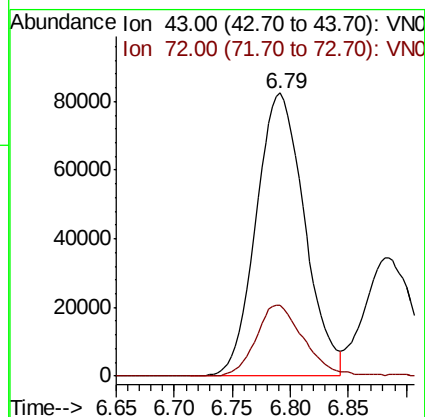
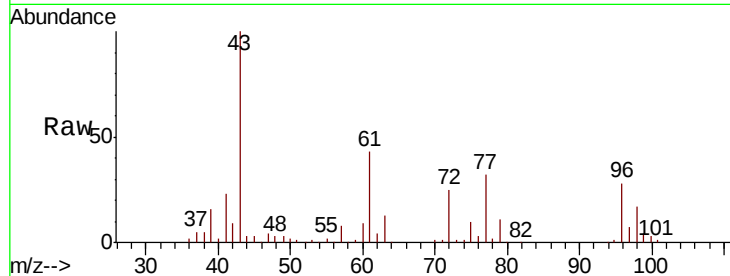
72 25.1 18.5 27.7

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 17.884 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064454.D

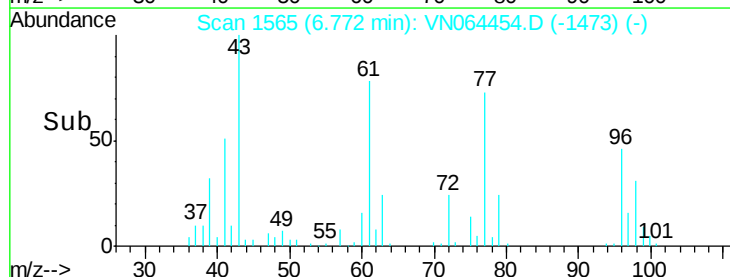
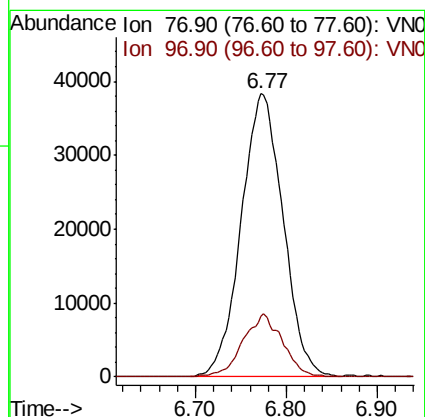
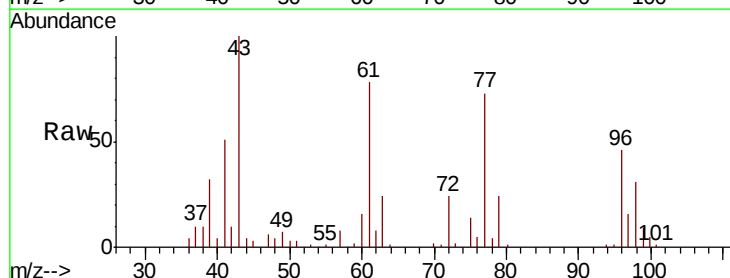
Acq: 5 Nov 2020 12:24

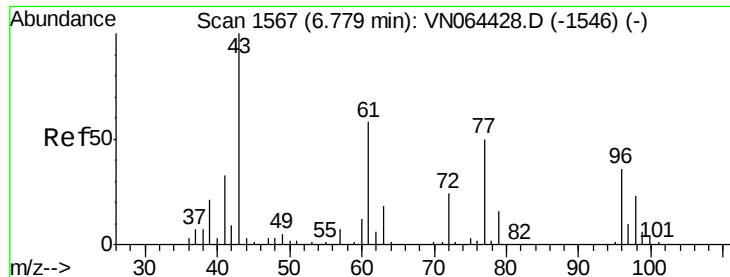
Tgt Ion: 77 Resp: 122566

Ion Ratio Lower Upper

77 100

97 20.9 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.804 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

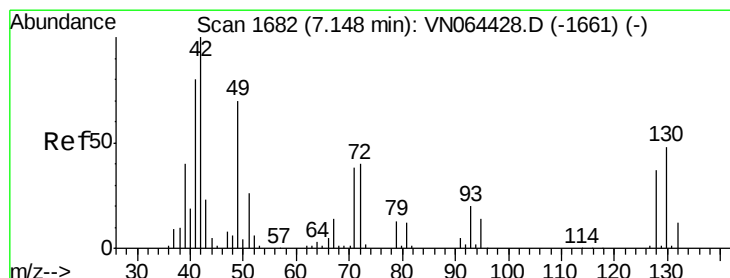
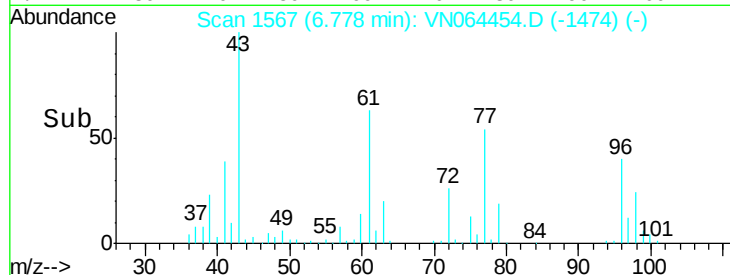
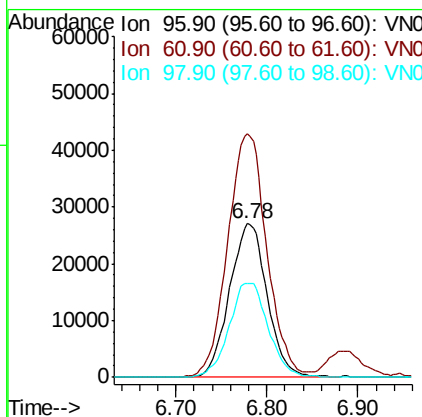
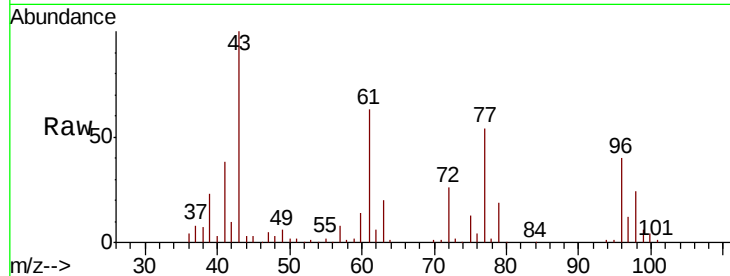
ClientSampleId :

VN1105WBS01

Tot Ion:	96	Resp:	77718
Ion	Ratio	Lower	Upper
96	100		
61	164.4	0.0	329.6
98	63.6	0.0	131.2

Manual Integrations
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#28

Bromochloromethane

Concen: 17.087 ug/l

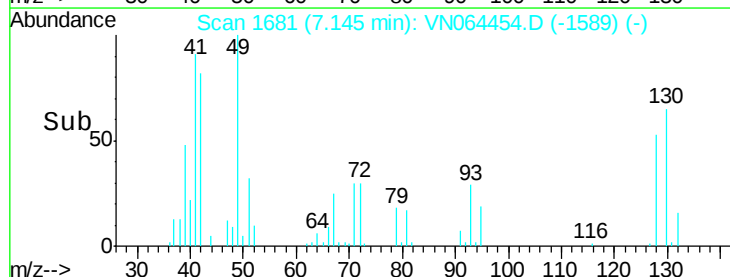
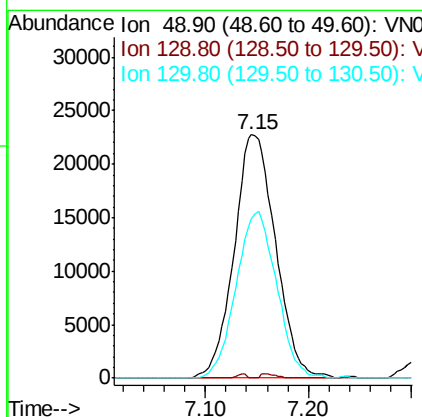
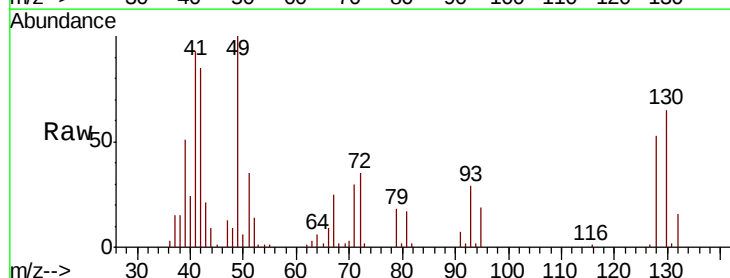
RT: 7.15 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion:	49	Resp:	63586
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.6
130	66.6	54.2	81.4





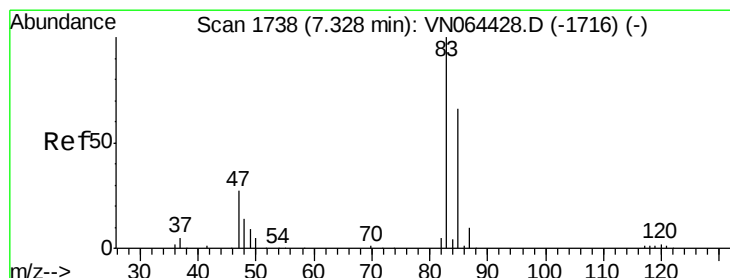
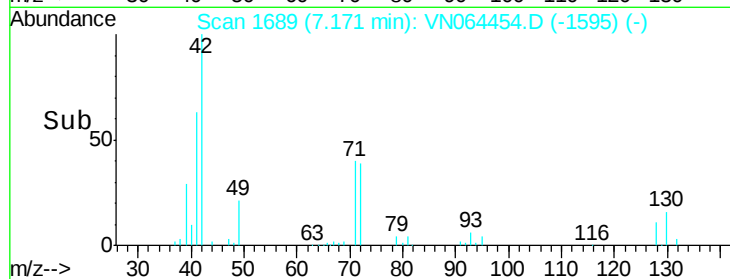
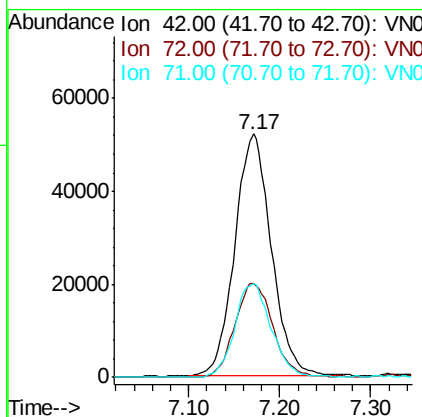
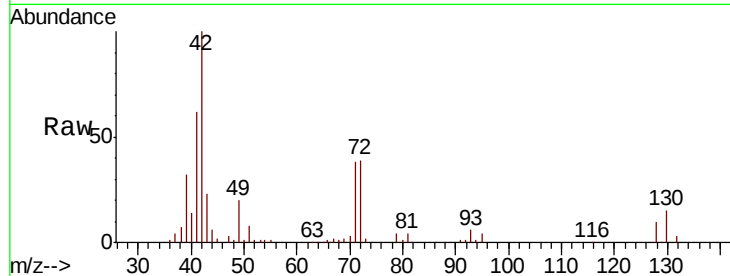
#29
Tetrahydrofuran
Concen: 89.523 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	31.7	47.5
71	39.0	29.8	44.6

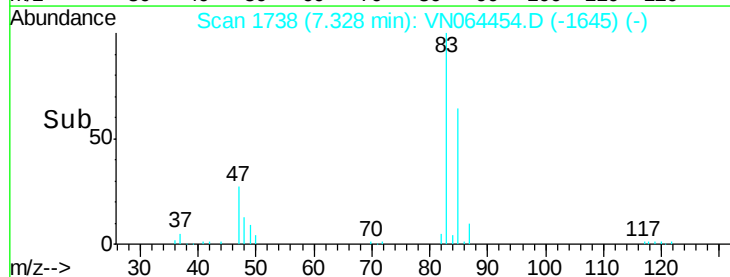
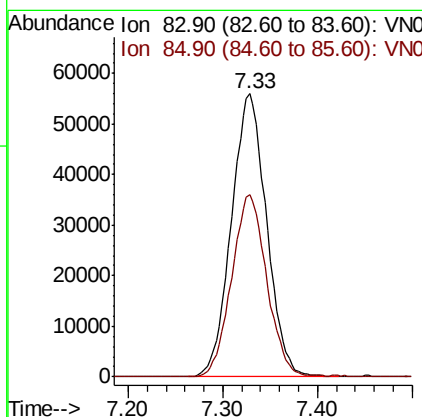
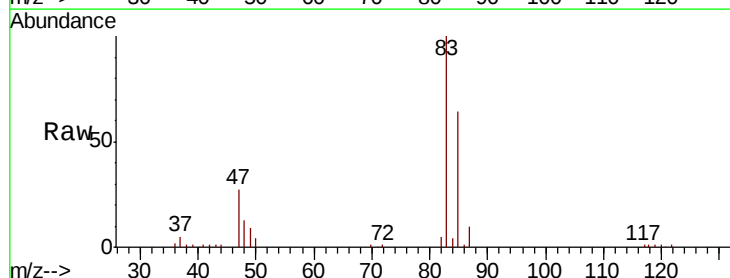
Manual Integrations
APPROVED

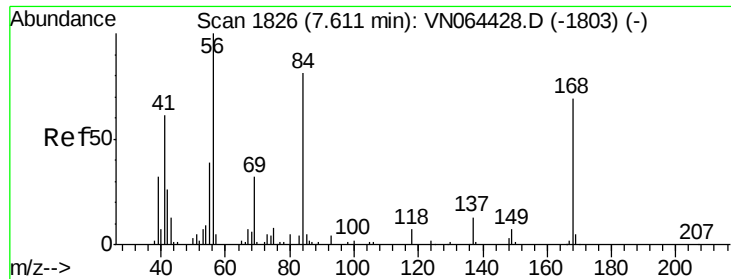
MMDadoda
11/6/2020 8:51:16 AM



#30
Chloroform
Concen: 18.201 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.5	78.7





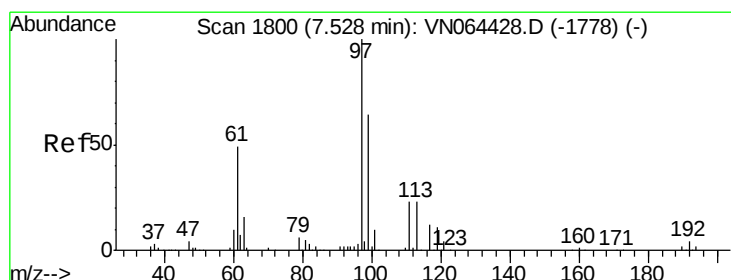
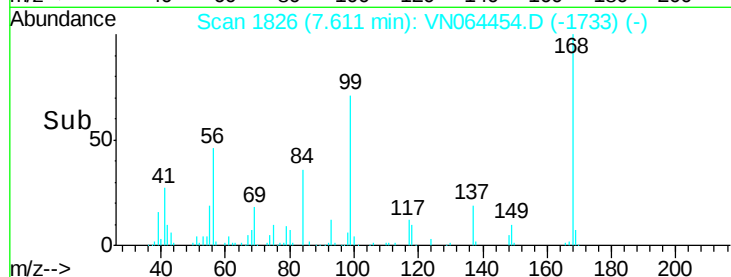
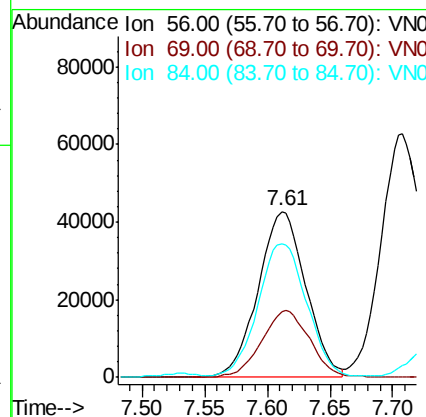
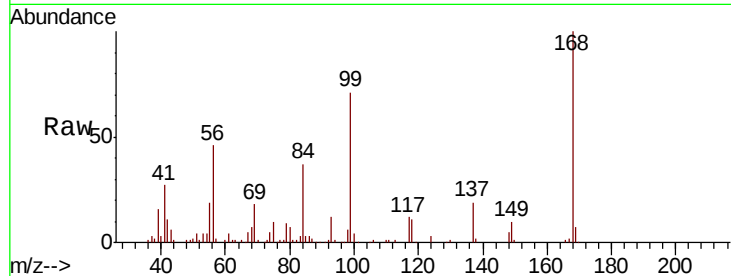
#31
Cvclohexane
Concen: 17.234 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.3	25.6	38.4#
84	78.3	63.0	94.6

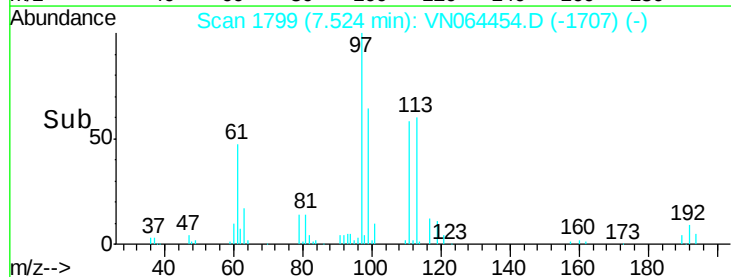
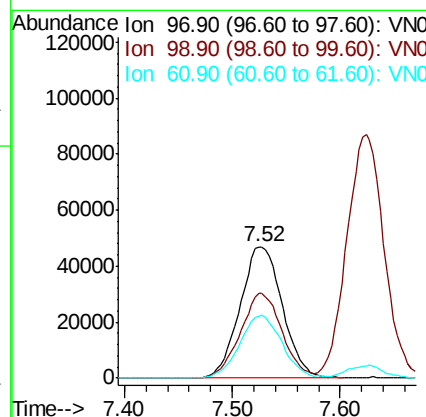
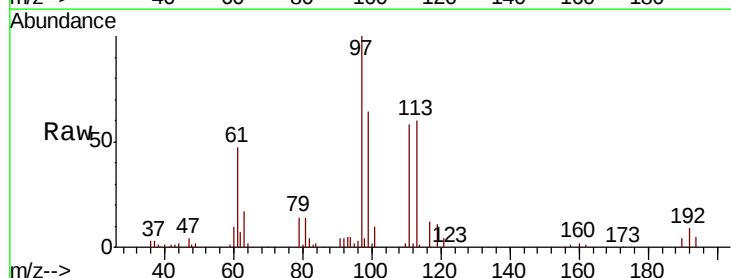
Manual Integrations
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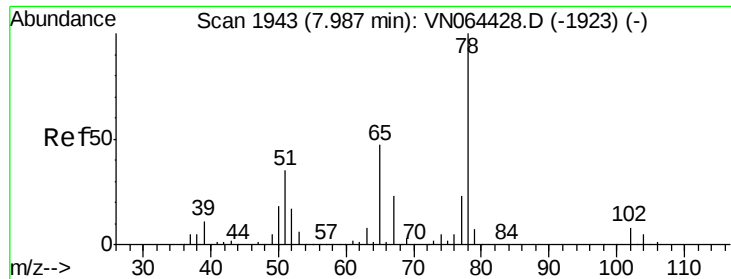
MMDadoda
11/6/2020 8:51:16 AM



#32
1,1,1-Trichloroethane
Concen: 18.086 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	48.0	39.1	58.7





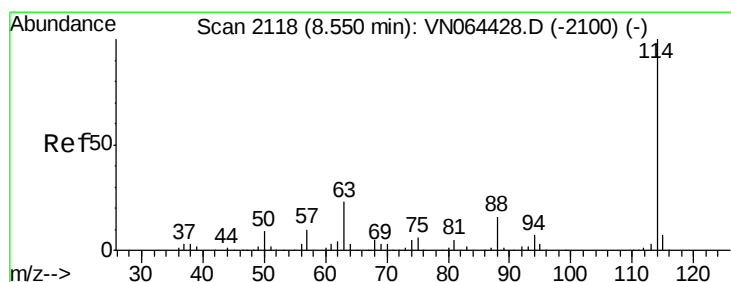
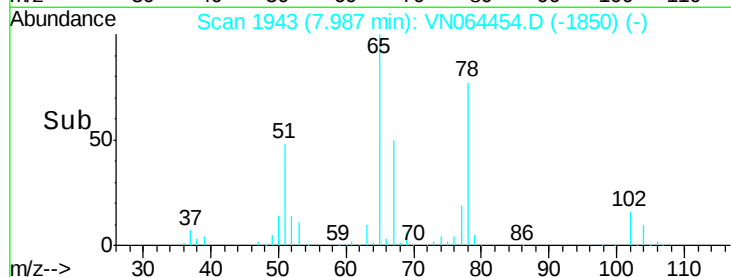
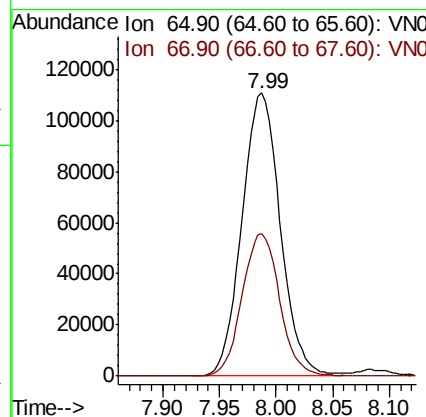
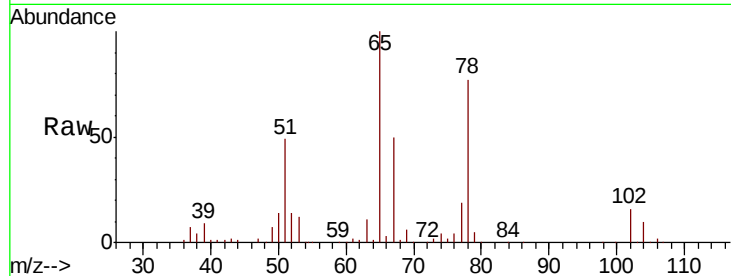
#33
 1,2-Dichloroethane-d4
 Concen: 48.538 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	262285		
67	49.4	0.0	101.6	

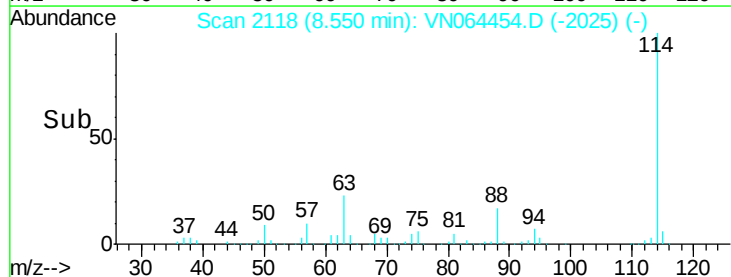
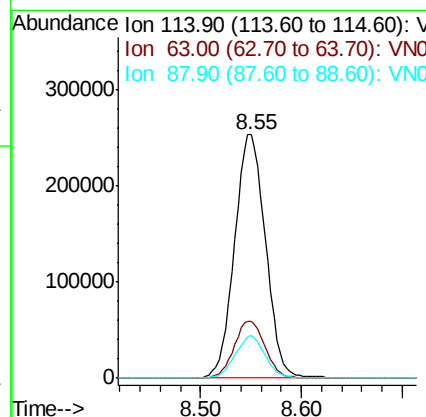
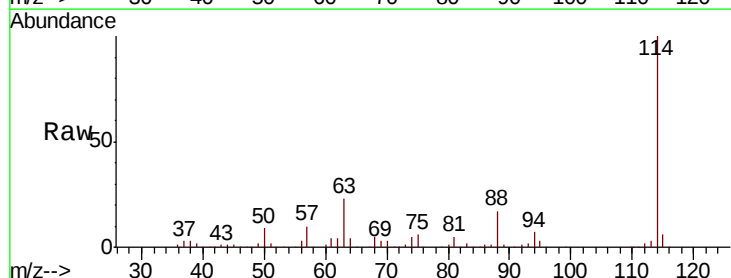
Manual Integrations
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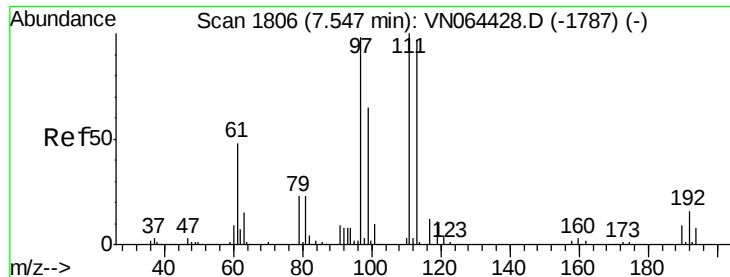
MMDadoda
 11/6/2020 8:51:16 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	540783		
63	23.1	0.0	45.6	
88	17.4	0.0	32.8	





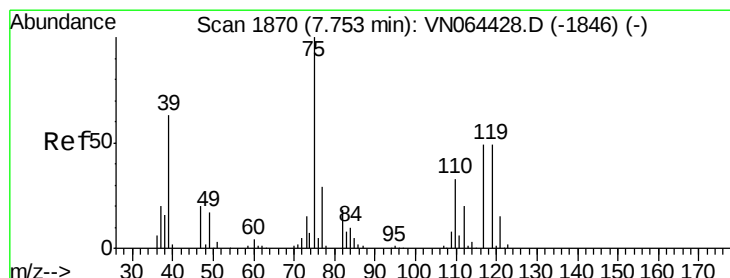
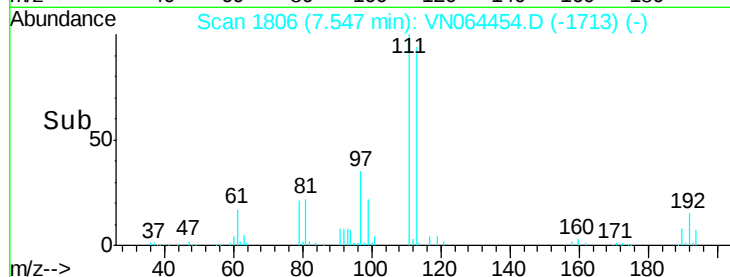
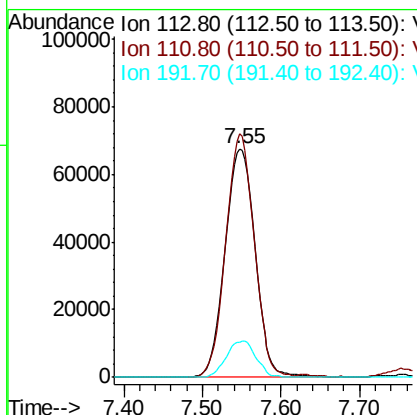
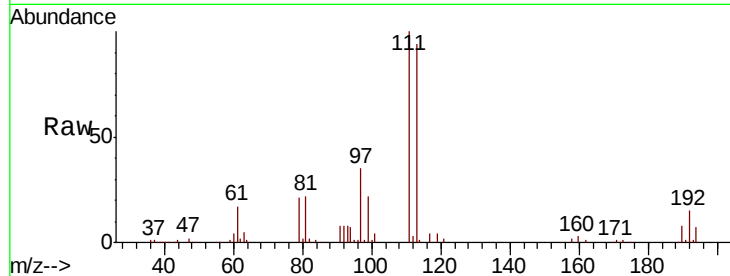
#35
 Dibromofluoromethane
 Concen: 48.807 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	179708		
111	100.4	81.1	121.7	
192	15.7	12.8	19.2	

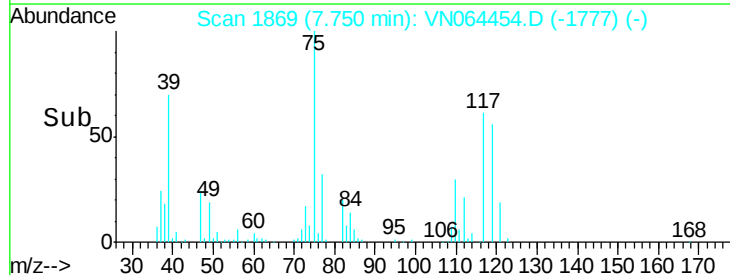
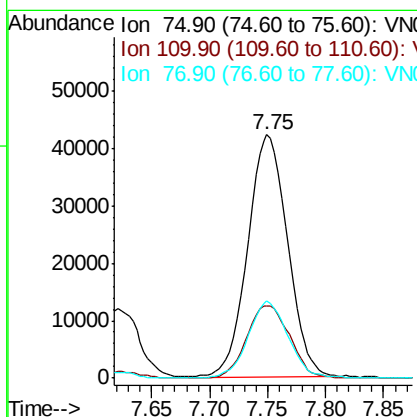
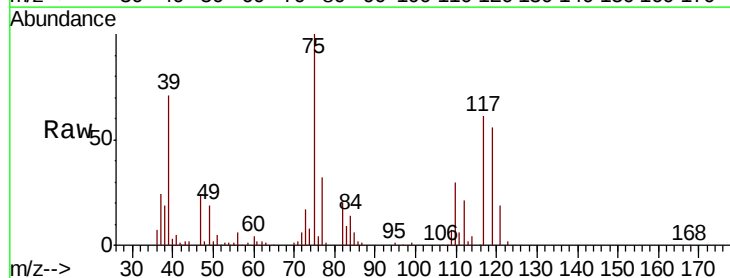
Manual Integrations
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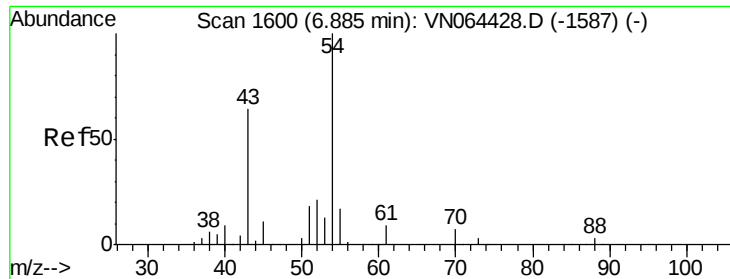
MMDadoda
 11/6/2020 8:51:16 AM



#36
 1,1-Dichloropropene
 Concen: 17.738 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101337		
110	32.1	16.0	48.0	
77	31.8	24.0	36.0	





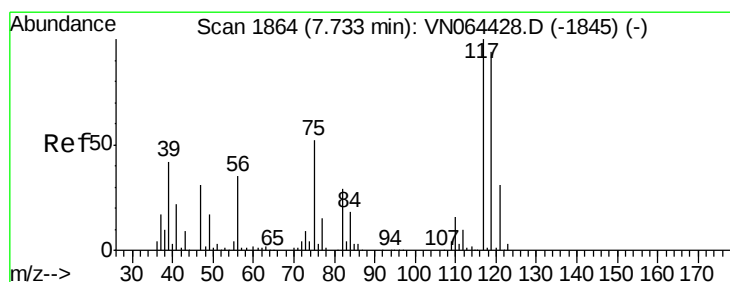
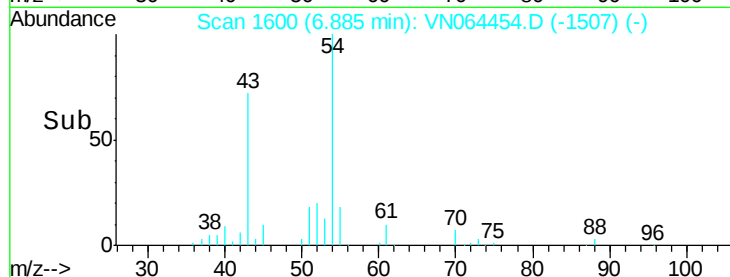
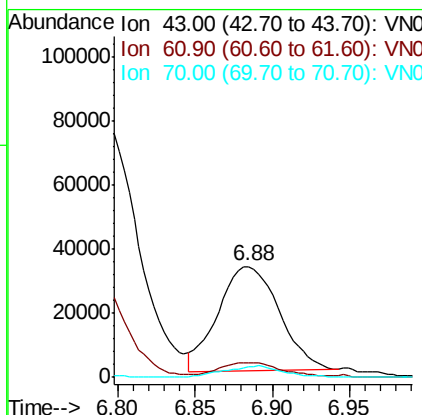
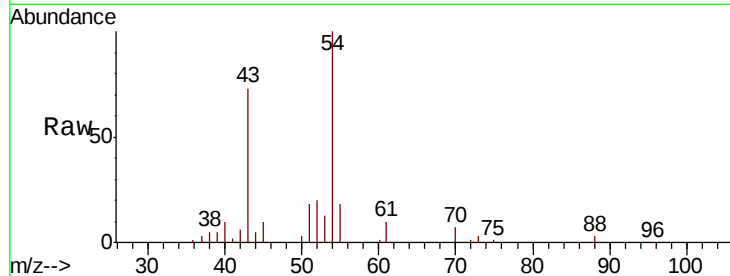
#37
Ethyl Acetate
Concen: 15.990 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.0	15.0
70	10.7	7.1	10.7

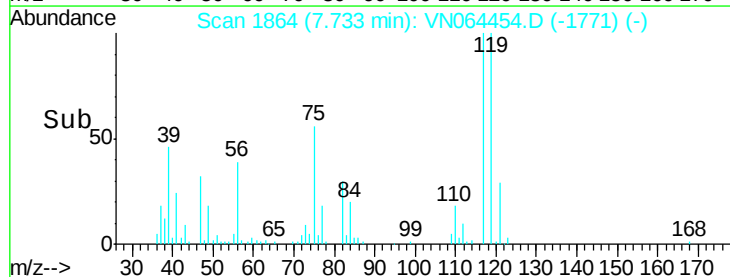
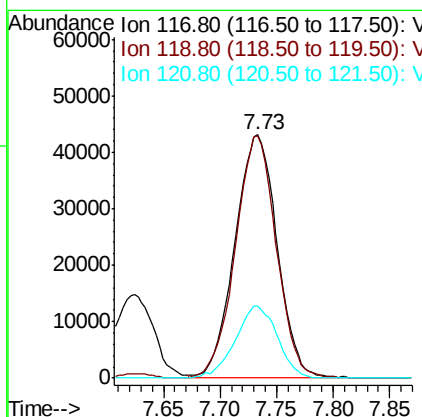
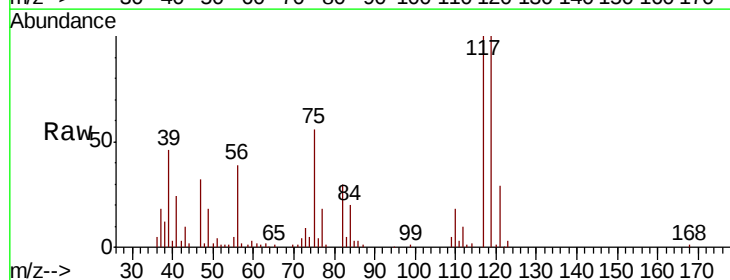
Manual Integrations
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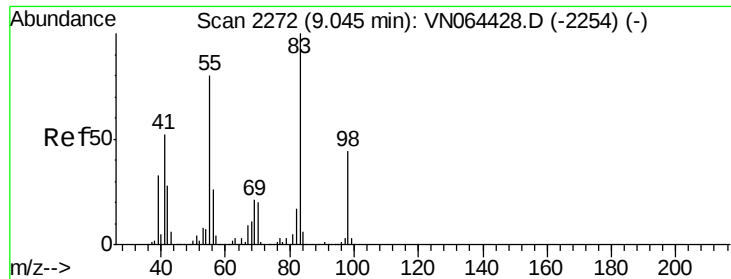
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#38
Carbon Tetrachloride
Concen: 18.152 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	75.5	113.3
121	29.5	24.4	36.6





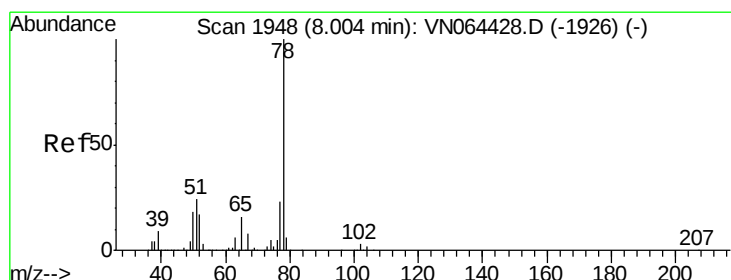
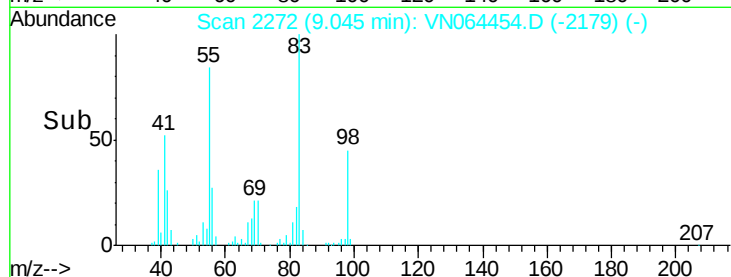
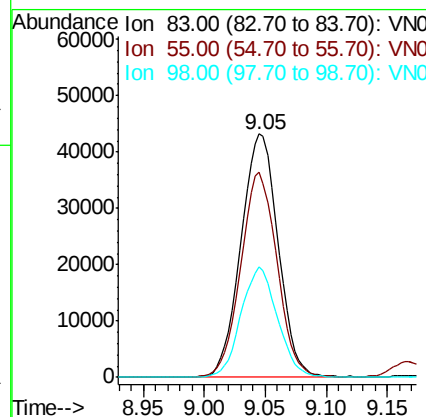
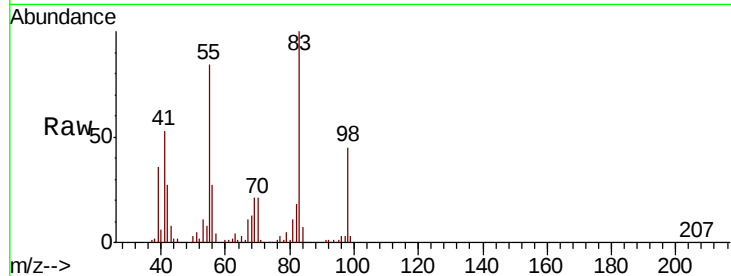
#39
Methvlcvclohexane
Concen: 17.783 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.2	63.8	95.6
98	45.2	35.4	53.2

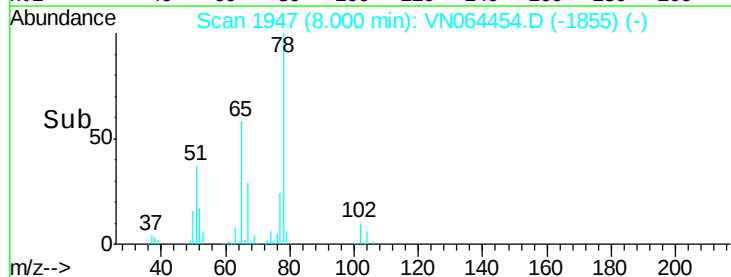
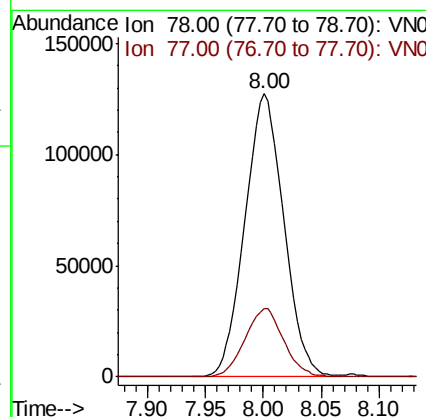
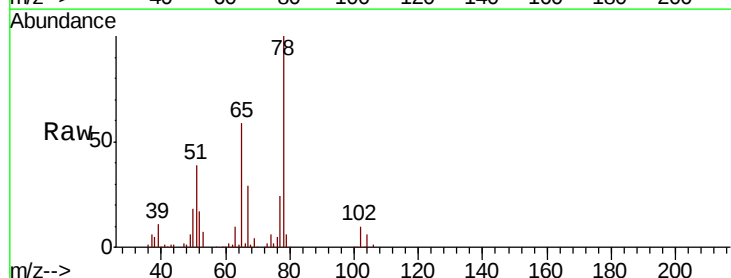
Manual Integrations
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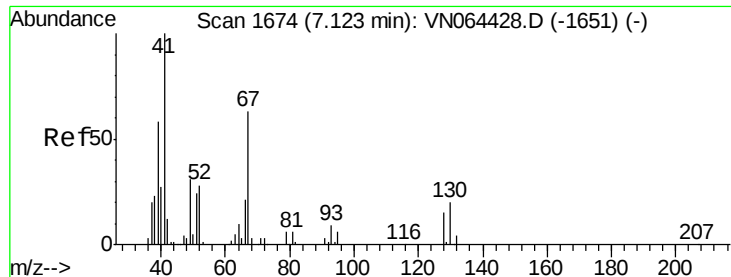
MMDadoda
11/6/2020 8:51:16 AM



#40
Benzene
Concen: 17.774 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





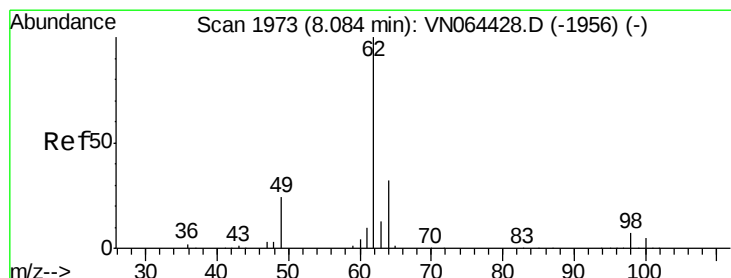
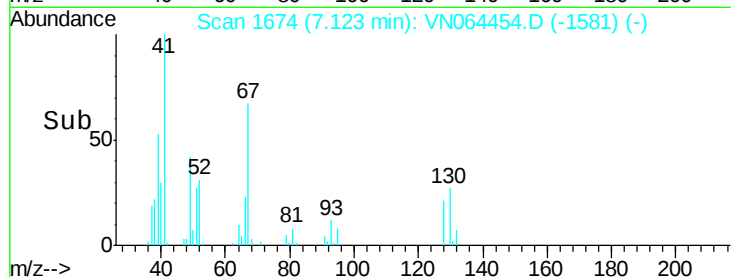
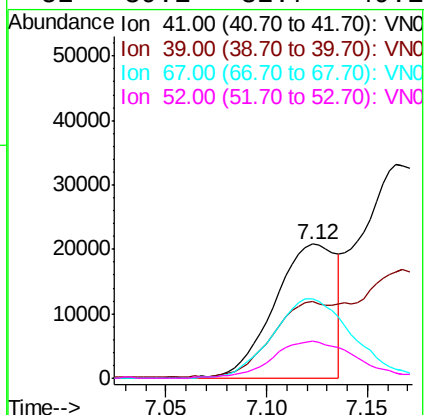
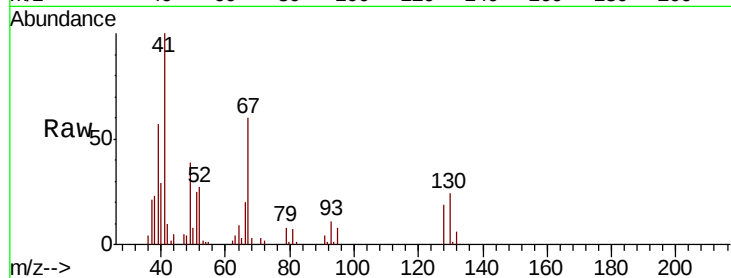
#41
Methacrylonitrile
Concen: 17.462 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	47.6	50.0	75.0	#
67	77.6	68.3	102.5	
52	39.1	32.7	49.1	

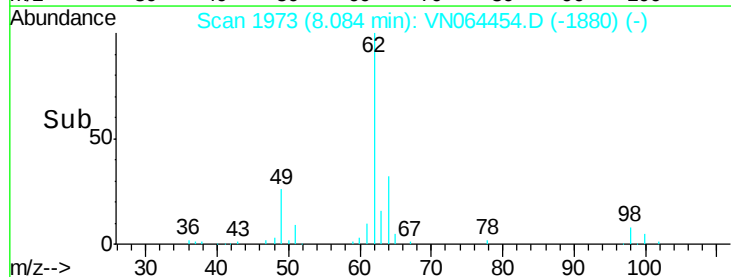
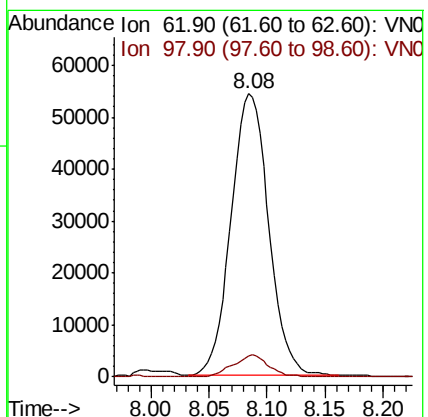
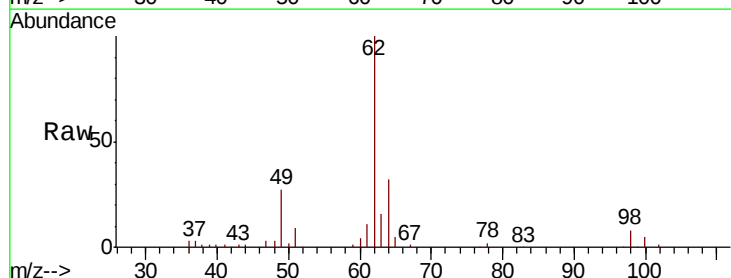
Manual Integrations
APPROVED

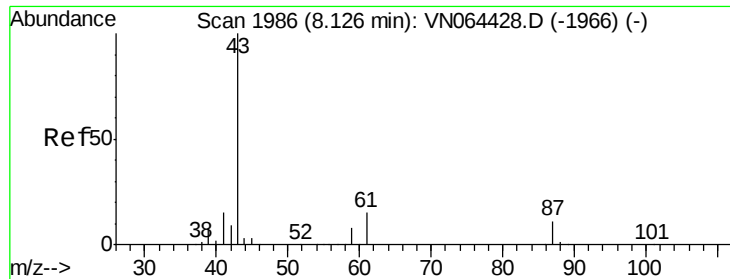
MMDadoda
11/6/2020 8:51:16 AM



#42
1,2-Dichloroethane
Concen: 18.103 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.4	0.0	14.0	





#43

Isopropyl Acetate

Concen: 18.013 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

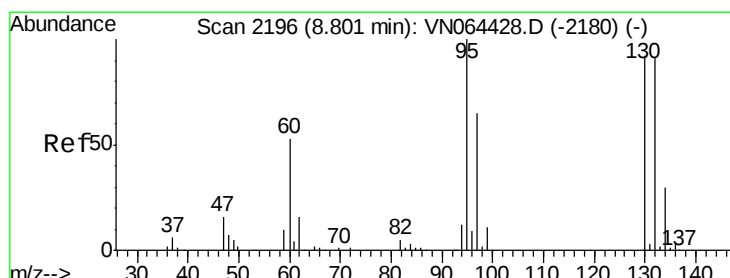
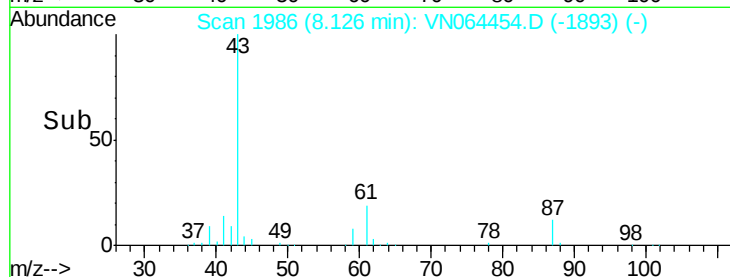
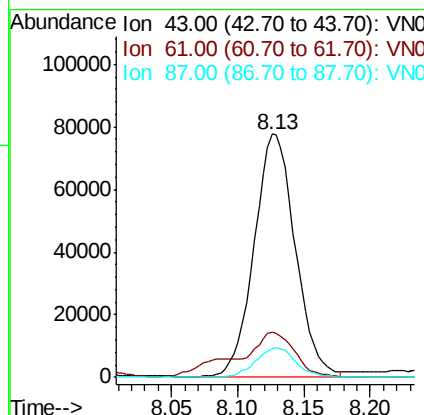
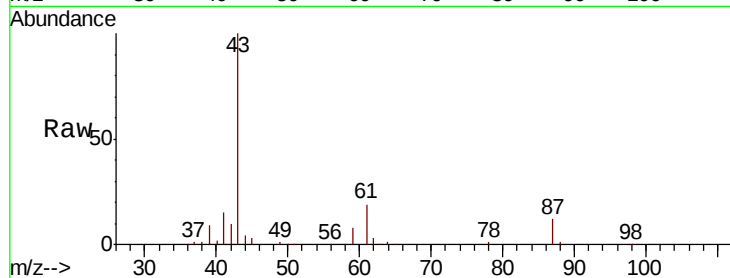
ClientSampleId :

VN1105WBS01

Tot Ion:	43	Resp:	166776
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.0	21.0
87	12.0	9.1	13.7

Manual Integrations
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#44

Trichloroethene

Concen: 17.679 ug/l

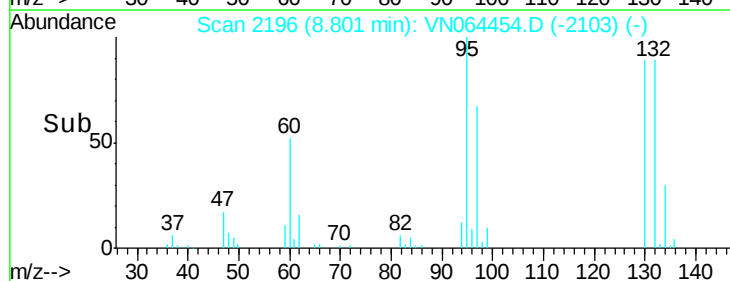
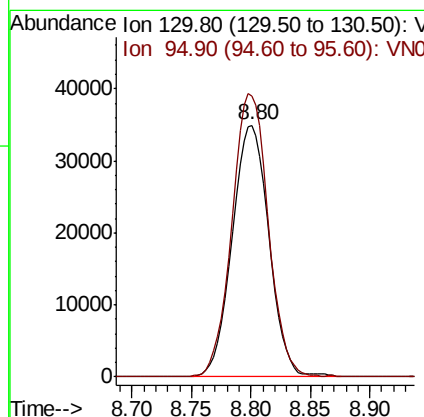
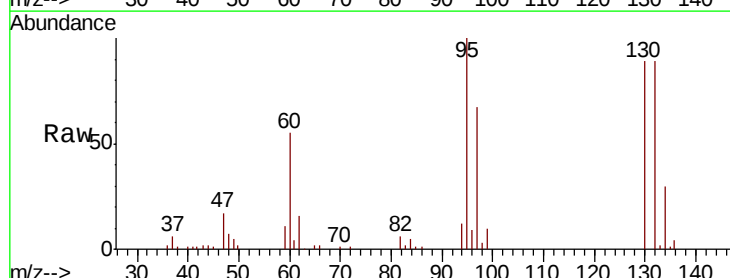
RT: 8.80 min Scan# 2196

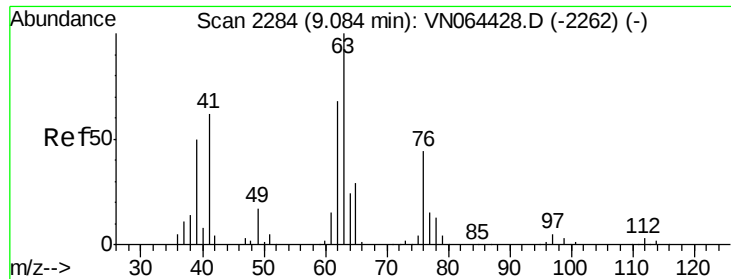
Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion:	130	Resp:	74879
Ion	Ratio	Lower	Upper
130	100		
95	111.9	0.0	216.8





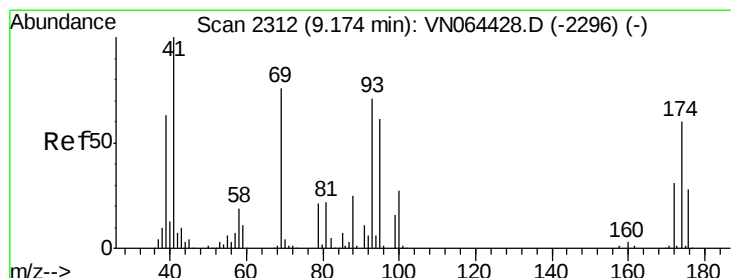
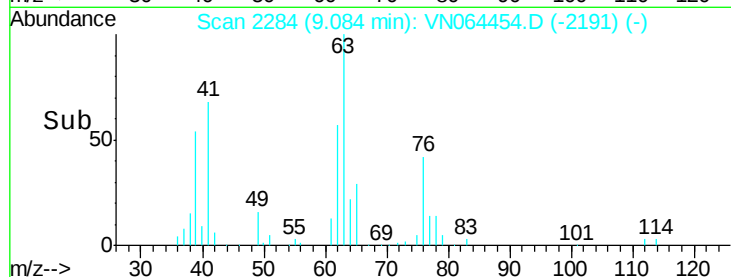
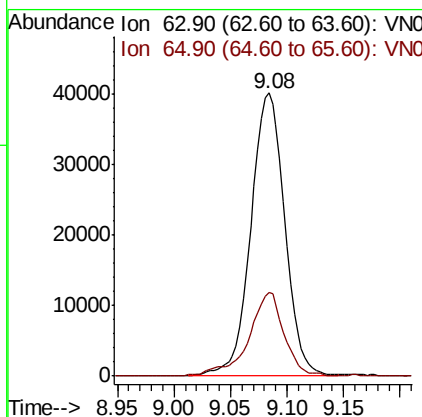
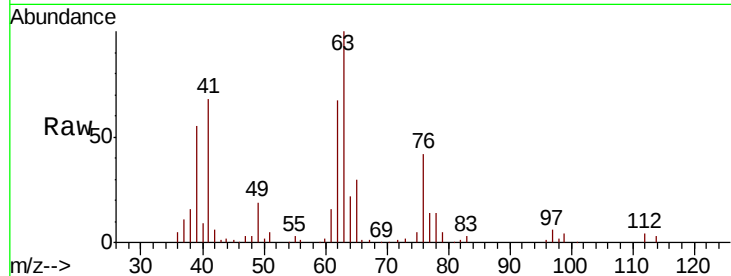
#45
 1,2-Dichloropropane
 Concen: 18.725 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion: 63 Resp: 83875
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.6 35.4

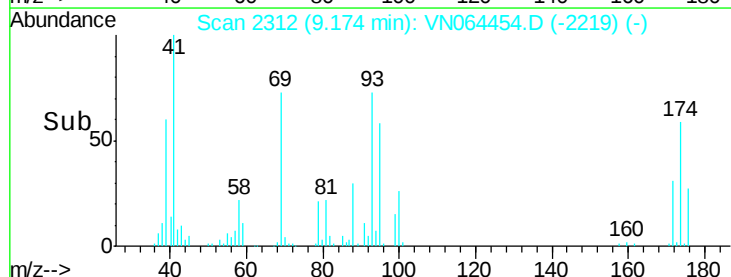
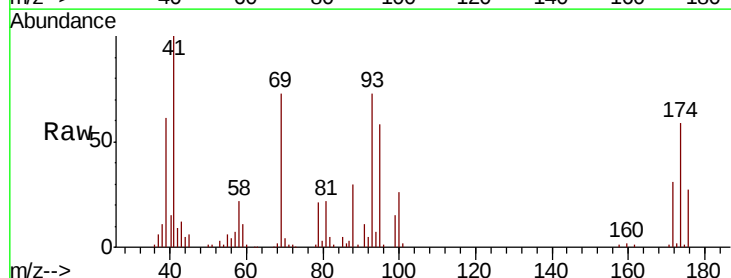
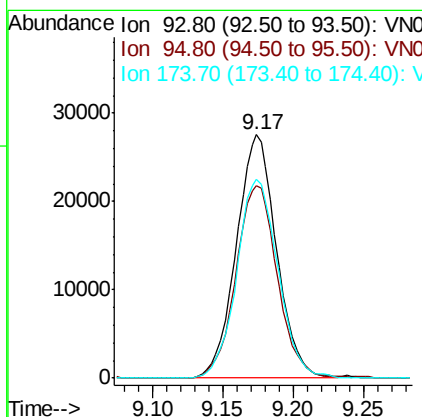
Manual Integrations
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#46
 Dibromomethane
 Concen: 18.636 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion: 93 Resp: 54953
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.4 99.6
 174 83.9 67.2 100.8





#47

Bromodichloromethane

Concen: 18.338 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

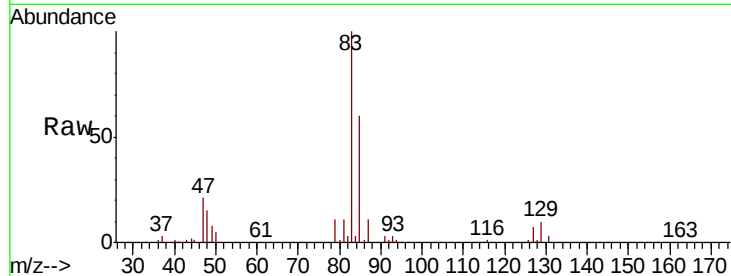
ClientSampleId :

VN1105WBS01

Tot Ion:	83	Resp:	116271
Ion	Ratio	Lower	Upper
83	100		
85	59.7	51.2	76.8
127	7.3	6.9	10.3

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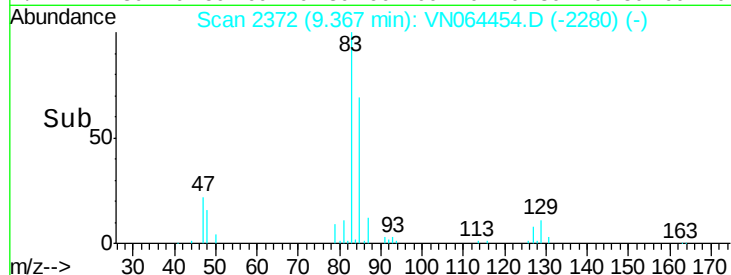


Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)

Time-->



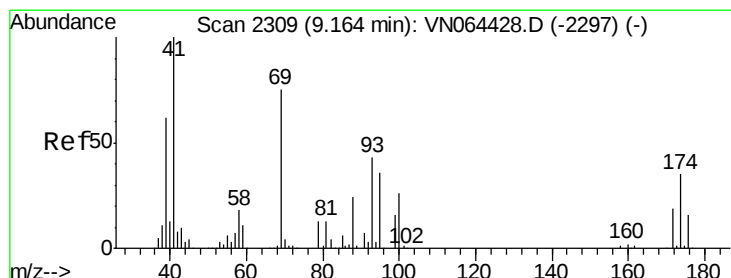
Abundance

Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 18.016 ug/l

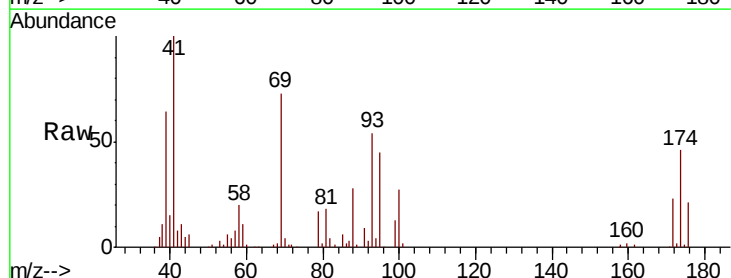
RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion:	41	Resp:	84167
Ion	Ratio	Lower	Upper
41	100		
69	75.0	60.4	90.6
39	64.4	51.2	76.8

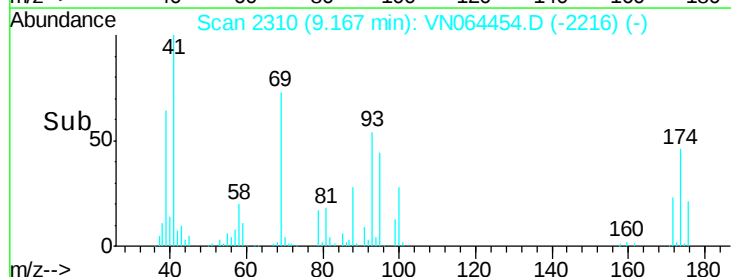


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)

Time-->



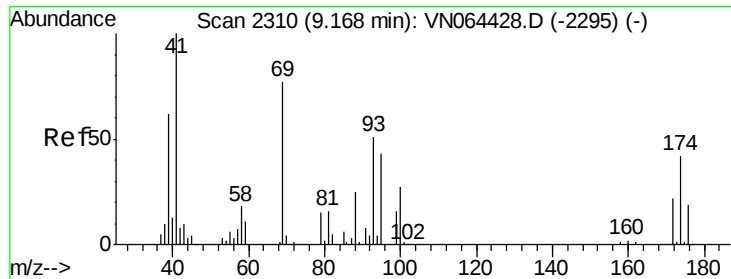
Abundance

Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)

Time-->



#49

1,4-Dioxane

Concen: 396.754 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

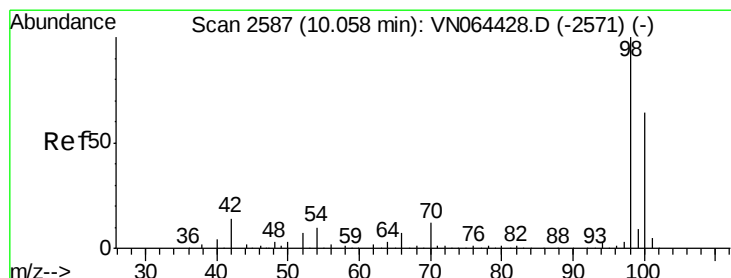
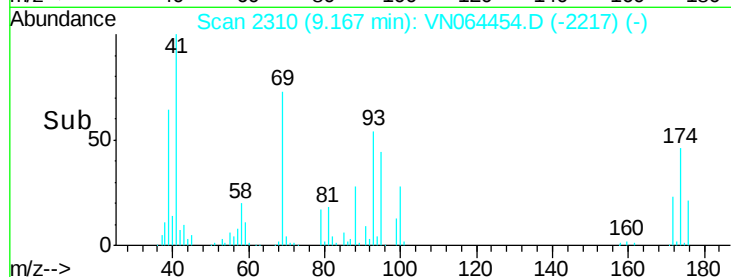
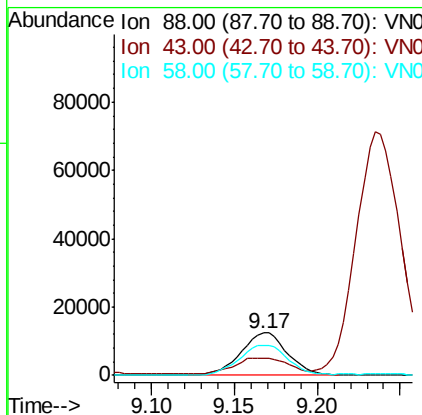
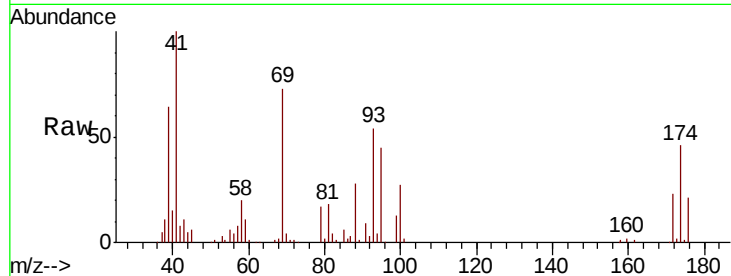
ClientSampleId :

VN1105WBS01

Tot Ion:	88	Resp:	24414
Ion	Ratio	Lower	Upper
88	100		
43	41.3	31.0	46.6
58	75.0	58.4	87.6

Manual Integrations
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#50

Toluene-d8

Concen: 46.786 ug/l

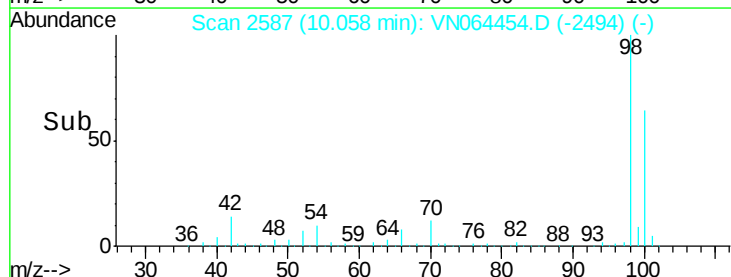
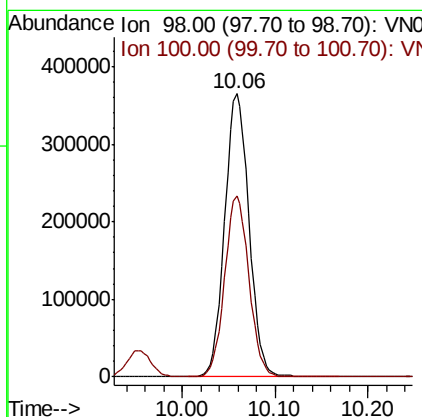
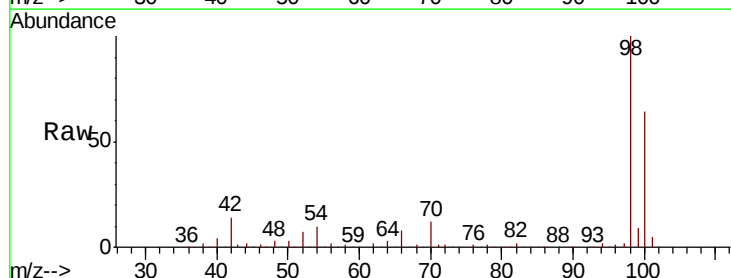
RT: 10.06 min Scan# 2587

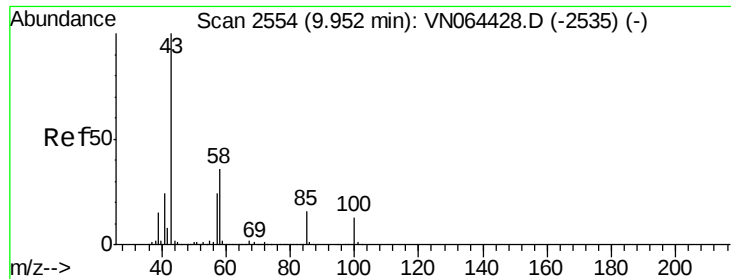
Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion:	98	Resp:	665806
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 93.499 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1105WBS01

Tot Ion: 43 Resp: 504821

Ion Ratio Lower Upper

43 100

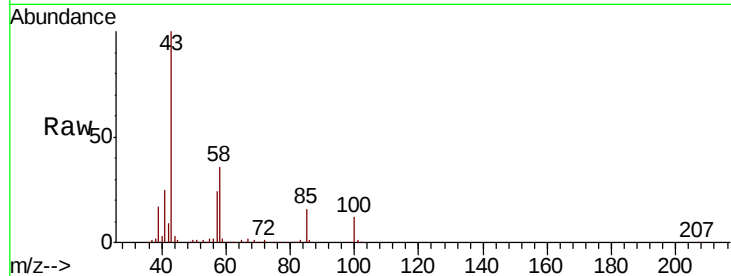
58 35.5 28.4 42.6

Manual Integrations

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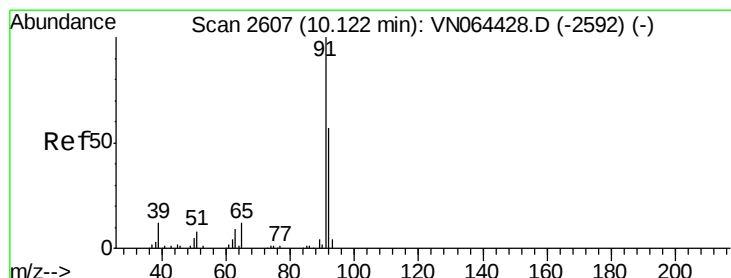
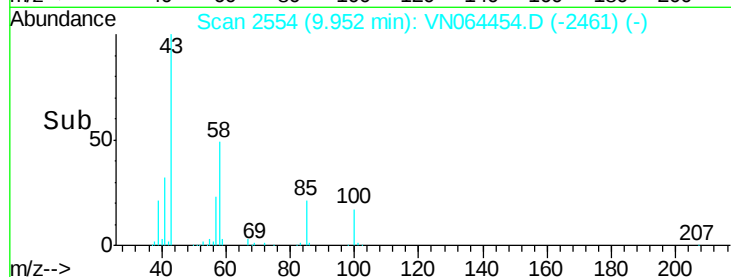
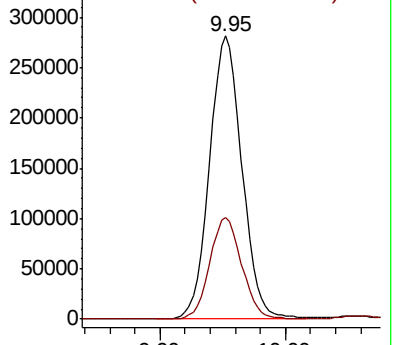
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.493 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064454.D

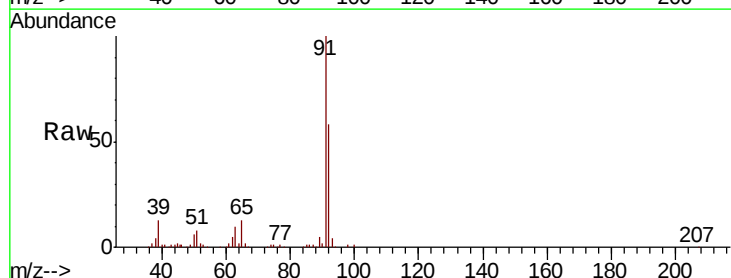
Acq: 5 Nov 2020 12:24

Tgt Ion: 92 Resp: 189353

Ion Ratio Lower Upper

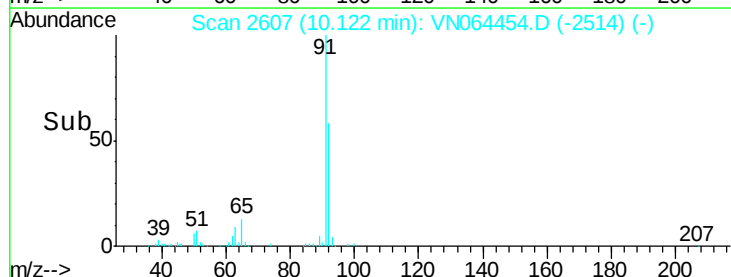
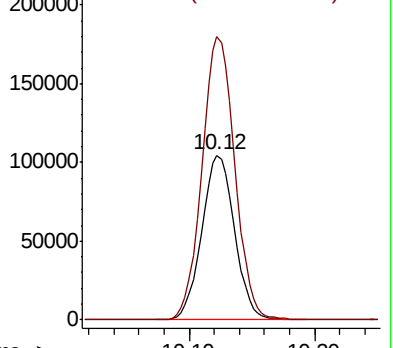
92 100

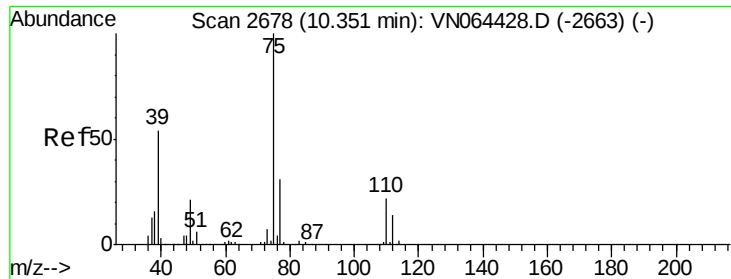
91 172.4 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





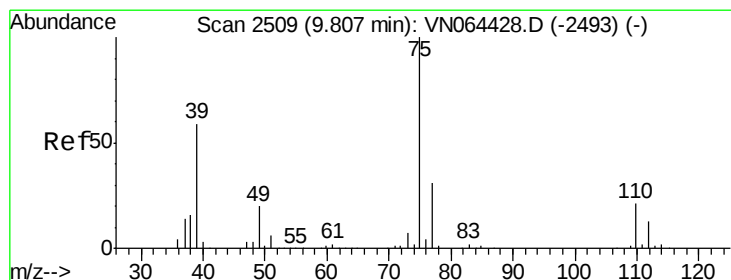
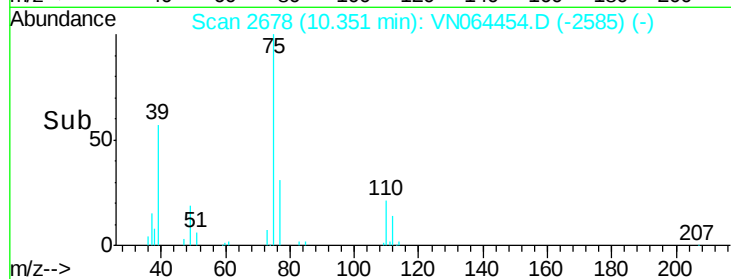
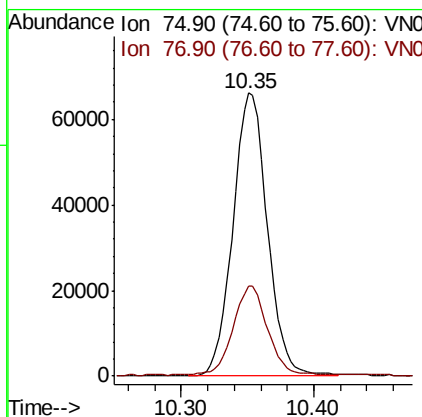
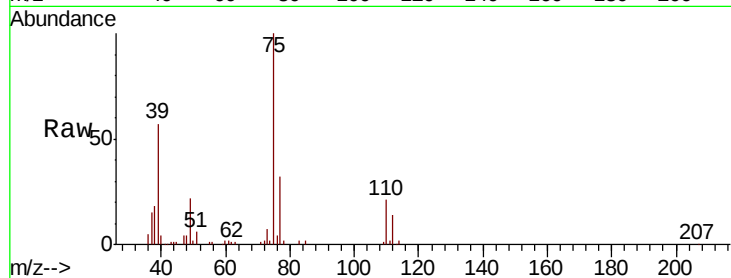
#53
t-1,3-Dichloropropene
Concen: 17.754 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2

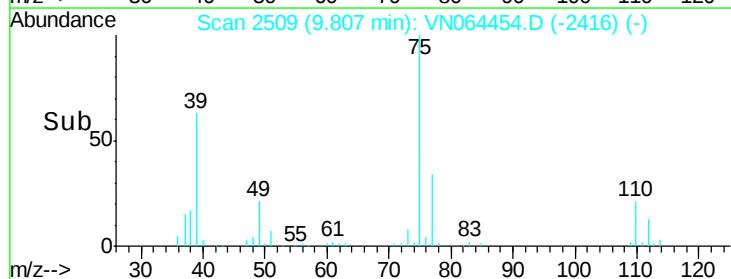
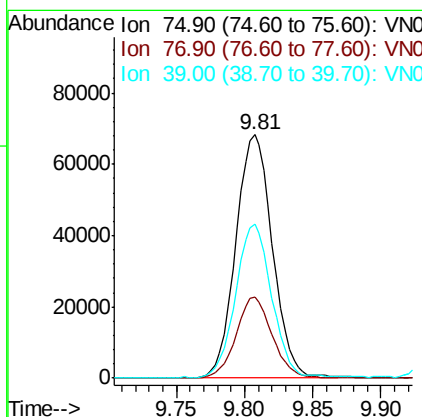
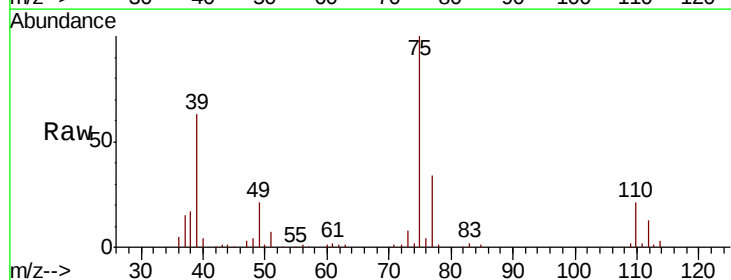
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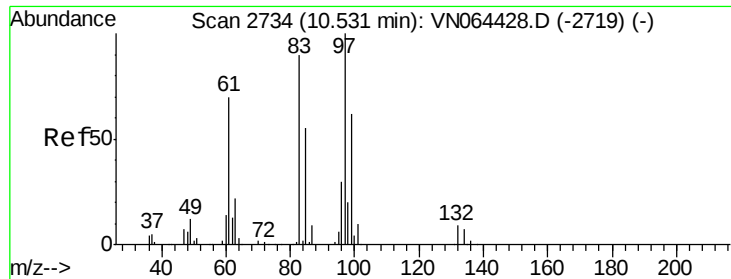
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 17.744 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.5	24.9	37.3
39	62.9	47.1	70.7





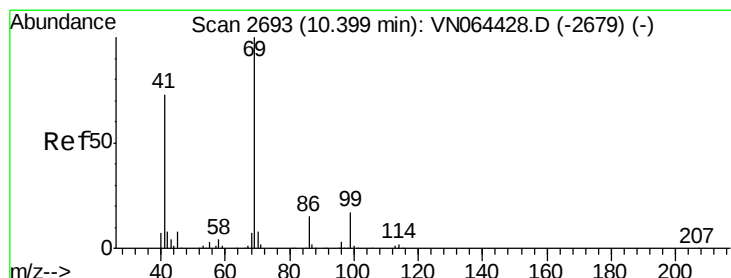
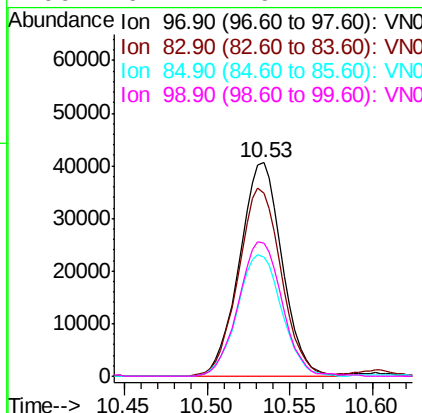
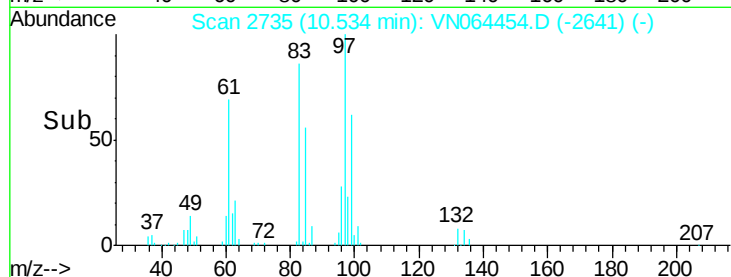
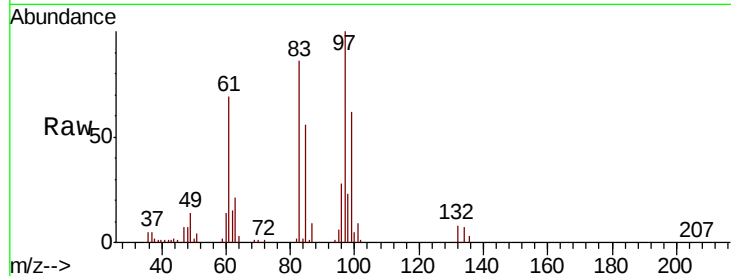
#55
 1,1,2-Trichloroethane
 Concen: 18.182 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.6	71.7	107.5
85	55.9	44.3	66.5
99	62.4	49.4	74.2

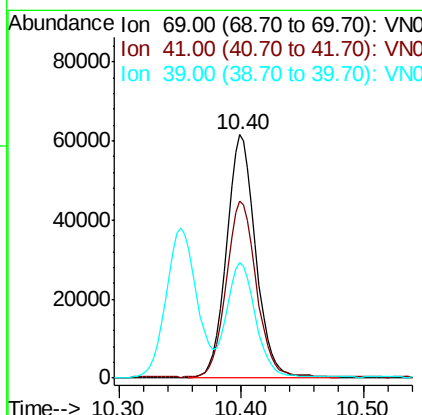
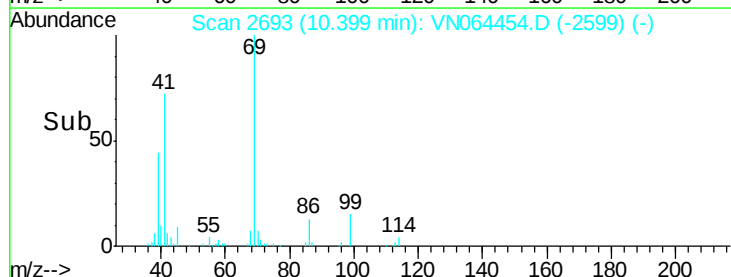
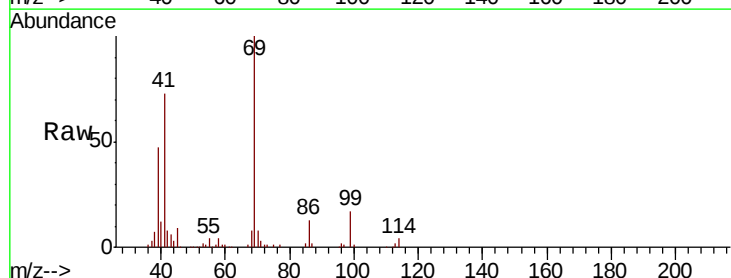
Manual Integrations
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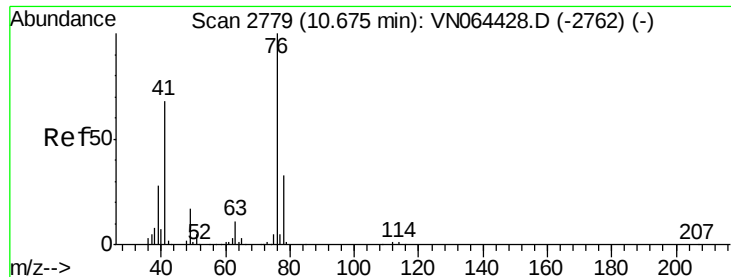
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#56
 Ethyl methacrylate
 Concen: 16.966 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

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





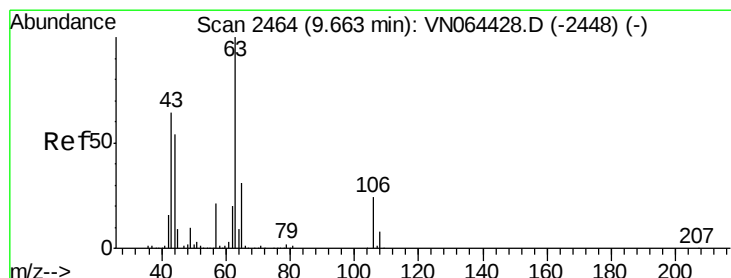
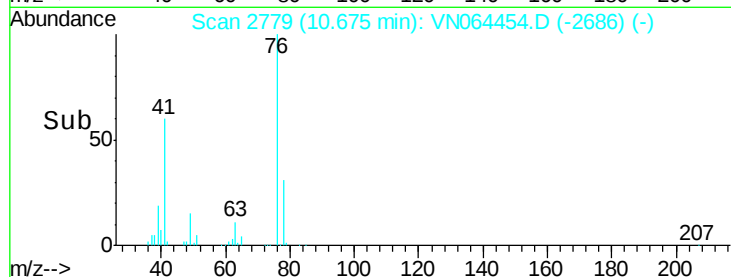
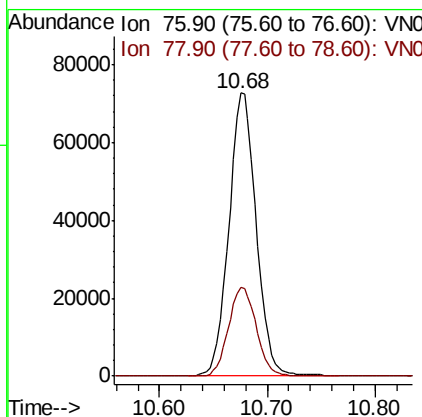
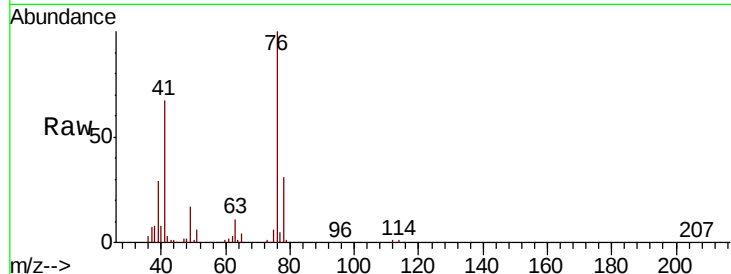
#57
 1,3-Dichloropropane
 Concen: 18.373 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.6

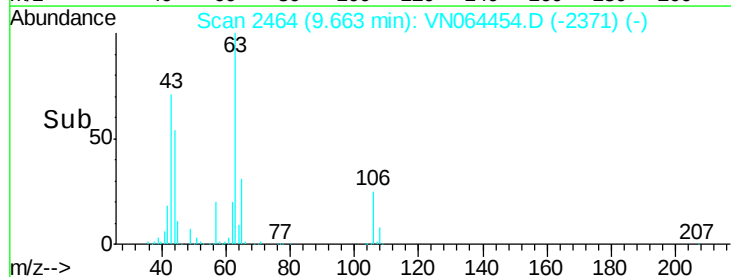
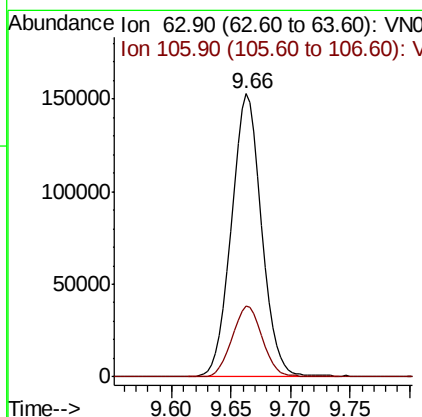
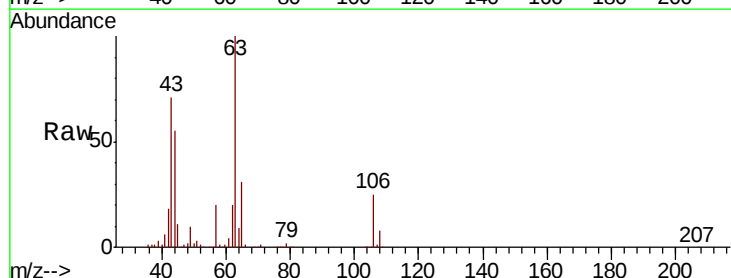
Manual Integrations
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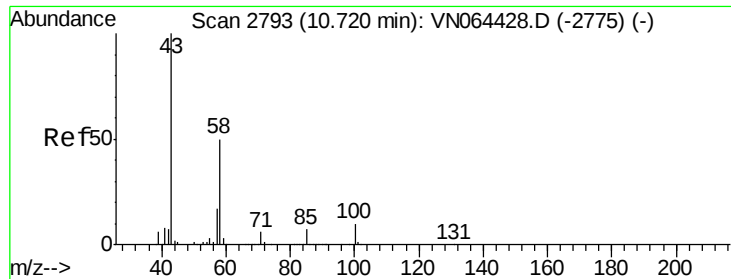
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 11/6/2020 8:51:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.566 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.2	19.5	29.3





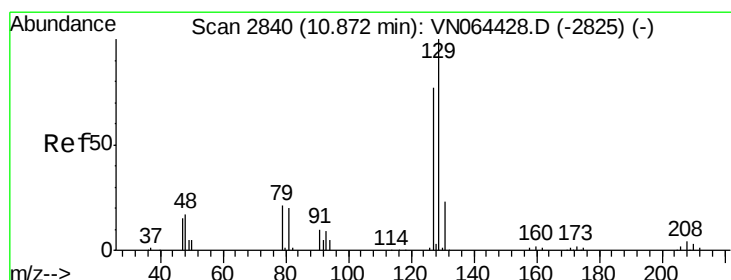
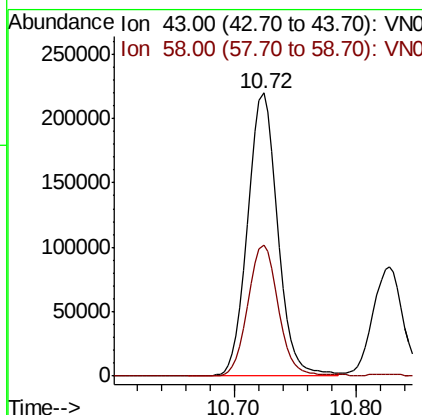
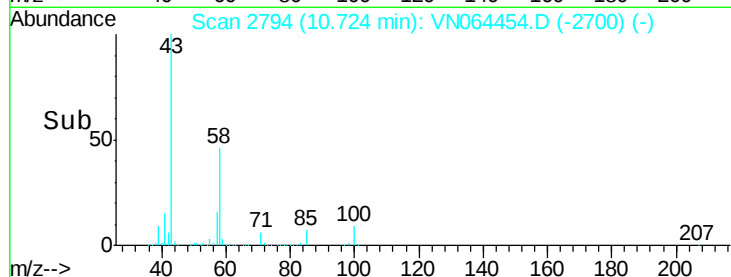
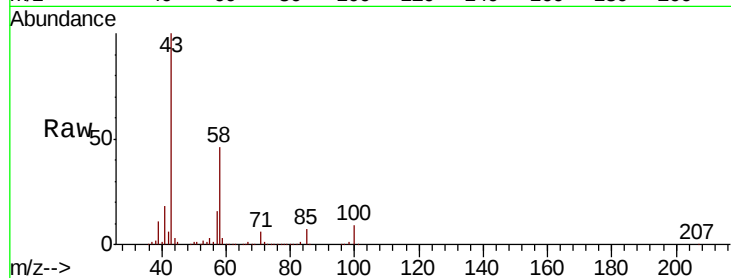
#59
2-Hexanone
Concen: 86.655 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion: 43 Resp: 369741
Ion Ratio Lower Upper
43 100
58 47.5 24.7 74.1

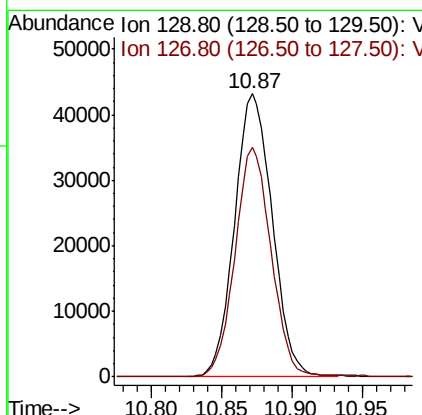
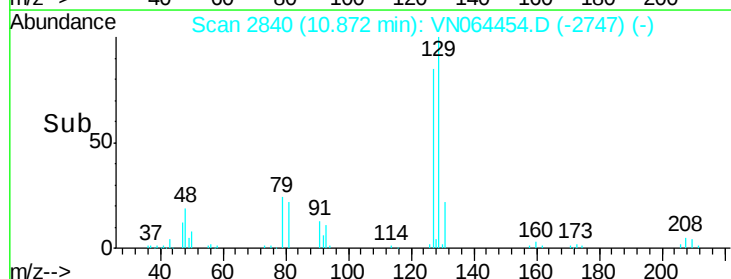
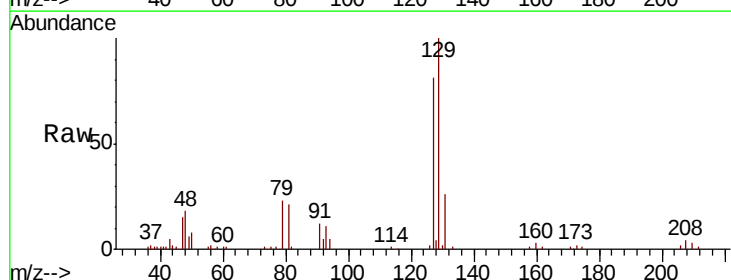
Manual Integrations
APPROVED

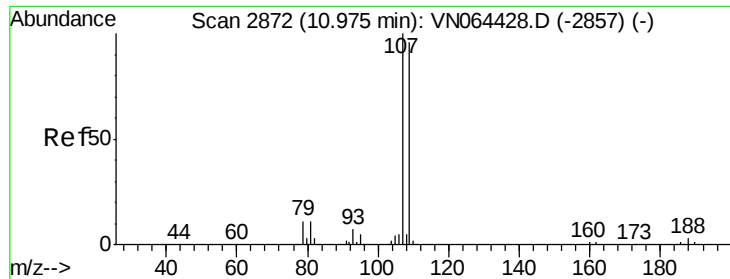
MMDadoda
11/6/2020 8:51:16 AM



#60
Dibromochloromethane
Concen: 18.124 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion: 129 Resp: 81029
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





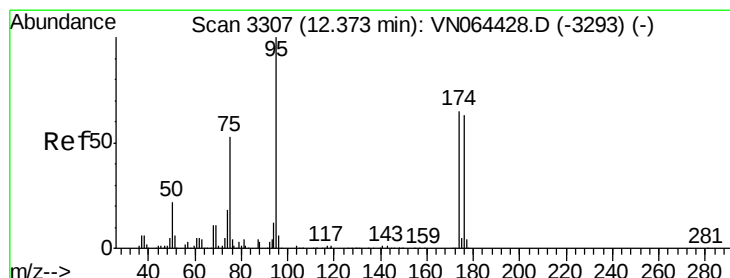
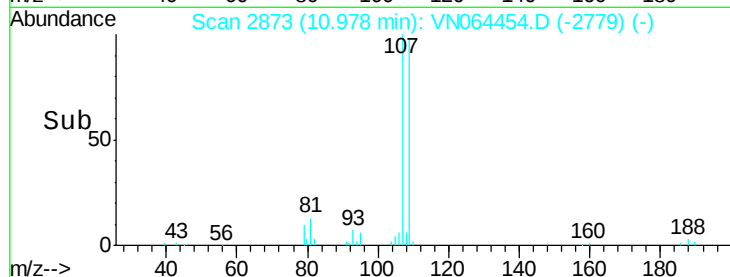
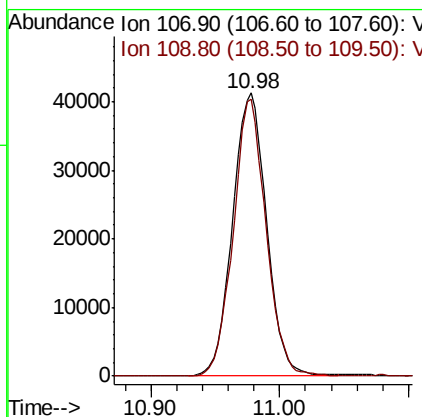
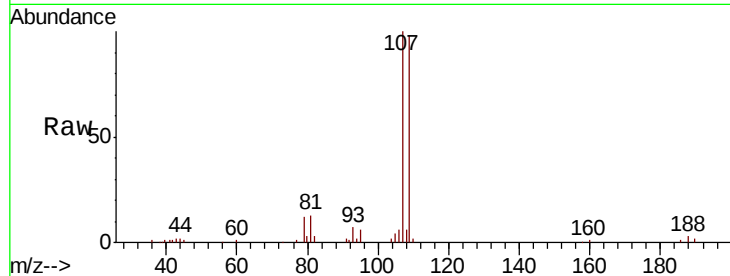
#61
 1,2-Dibromoethane
 Concen: 18.698 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion: 107 Resp: 75734
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.9 113.9

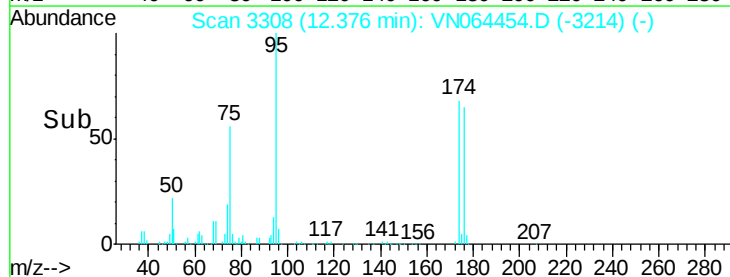
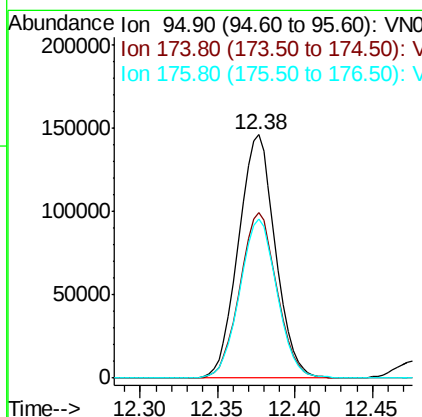
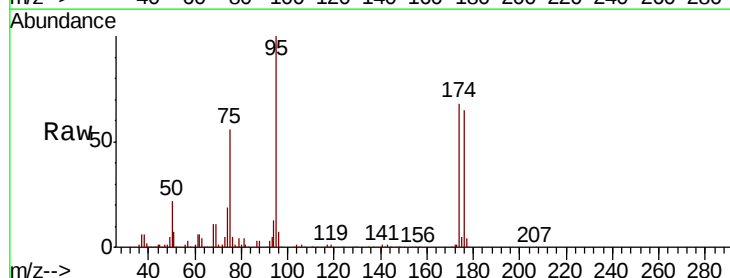
Manual Integrations
 APPROVED

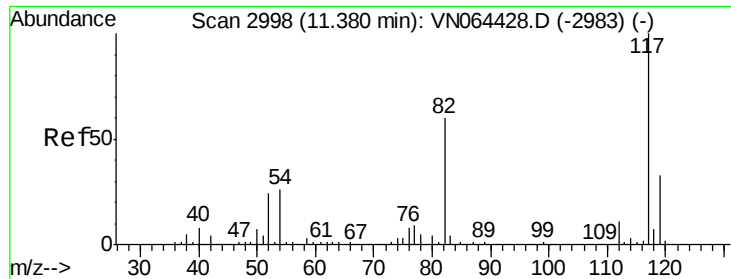
MMDadoda
 11/6/2020 8:51:16 AM



#62
 4-Bromofluorobenzene
 Concen: 45.161 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion: 95 Resp: 243056
 Ion Ratio Lower Upper
 95 100
 174 68.5 0.0 132.6
 176 66.0 0.0 129.2





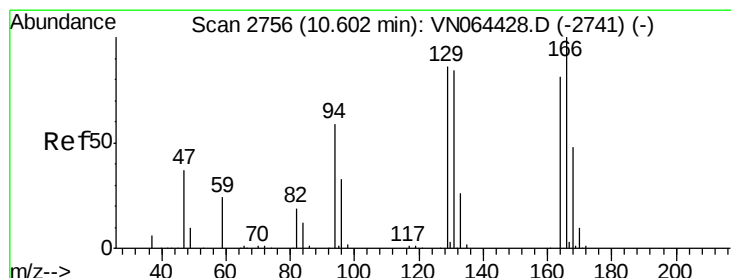
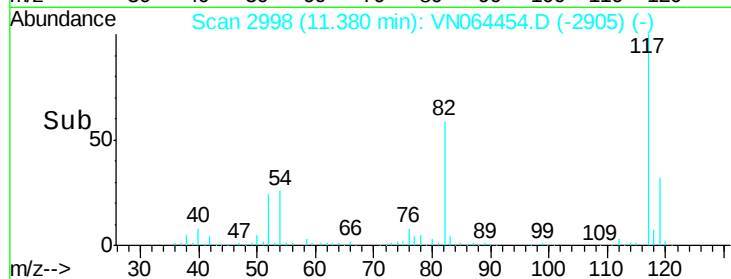
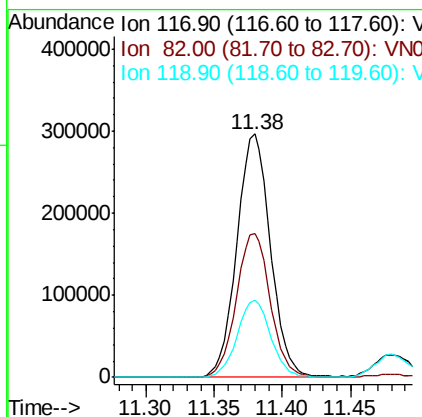
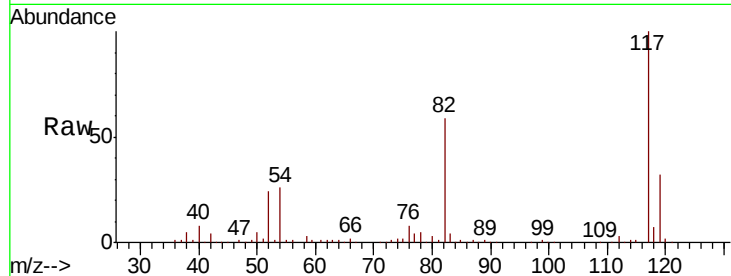
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	48.1	72.1
119	31.7	26.2	39.4

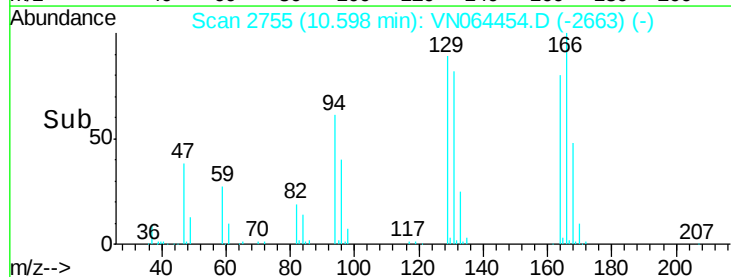
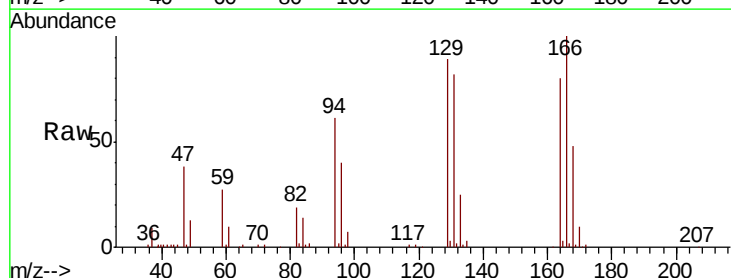
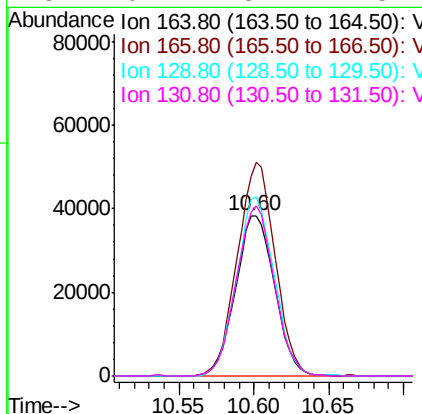
Manual Integrations
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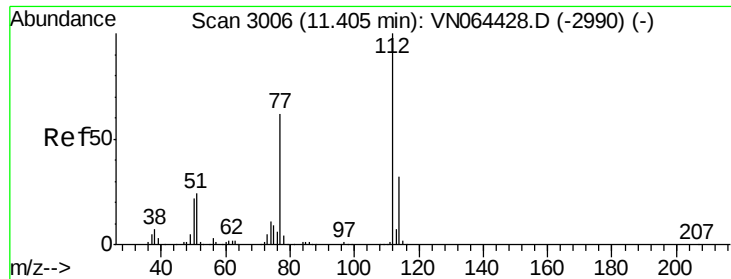
MMDadoda
11/6/2020 8:51:16 AM



#64
Tetrachloroethene
Concen: 17.797 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	98.2	147.2
129	110.5	84.6	127.0
131	102.1	82.2	123.2





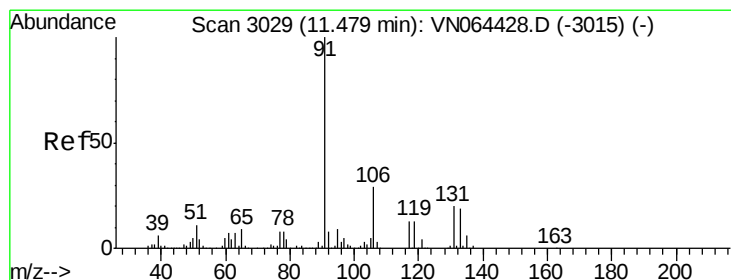
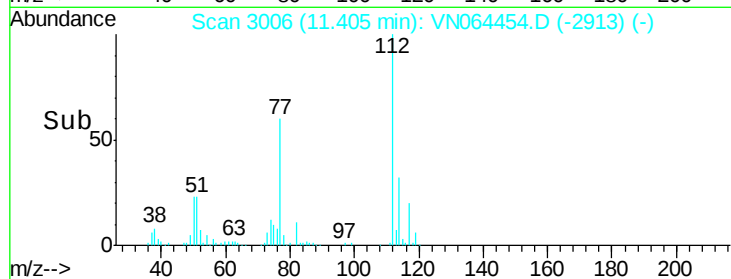
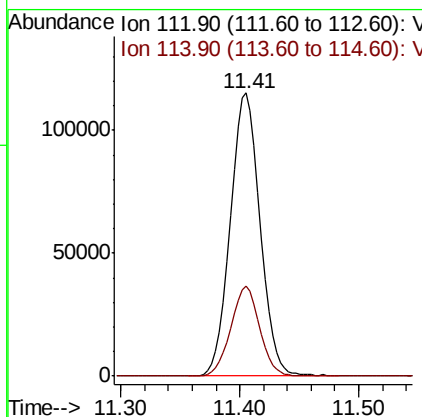
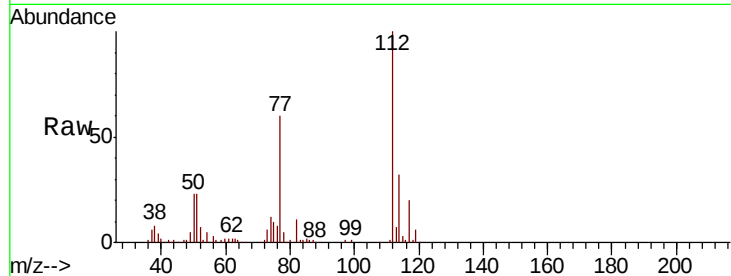
#65
Chlorobenzene
Concen: 17.917 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4

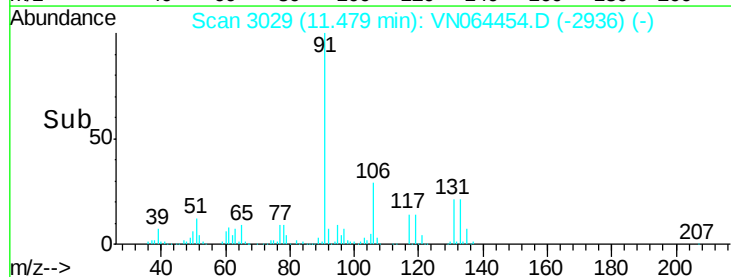
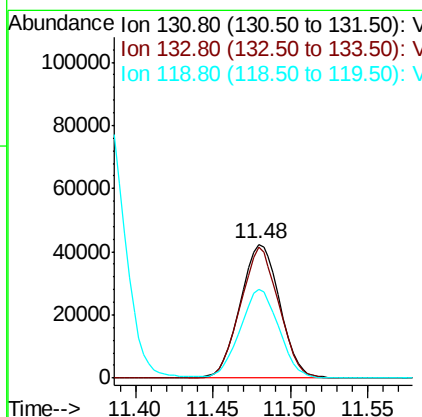
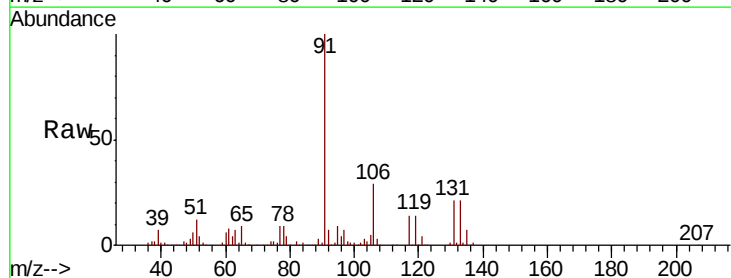
Manual Integrations
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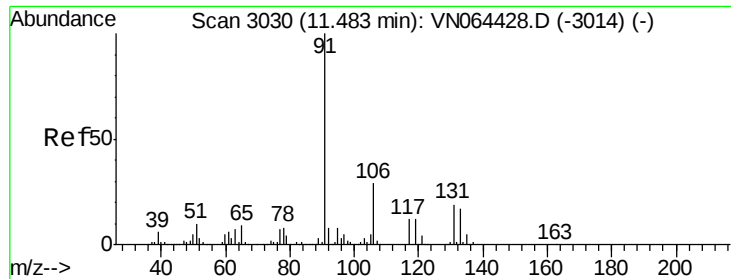
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.222 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	46.9	140.7
119	65.3	32.1	96.5





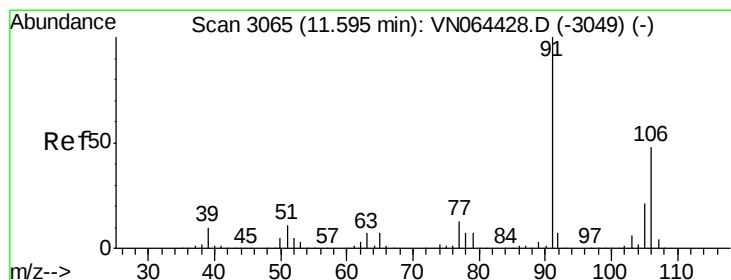
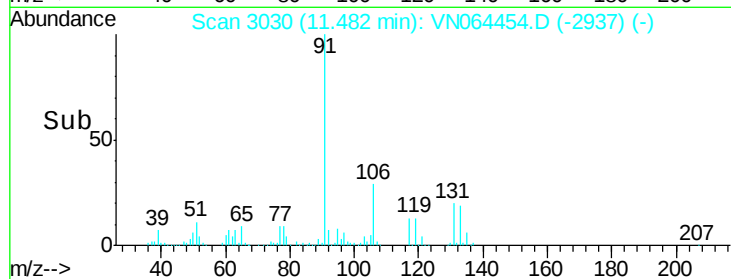
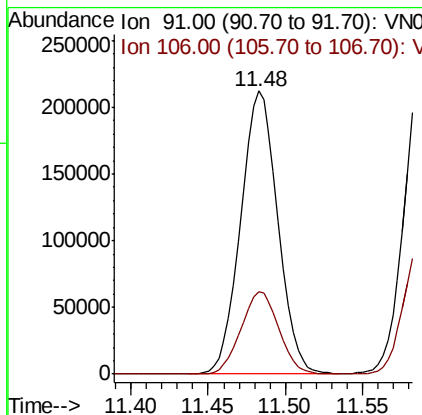
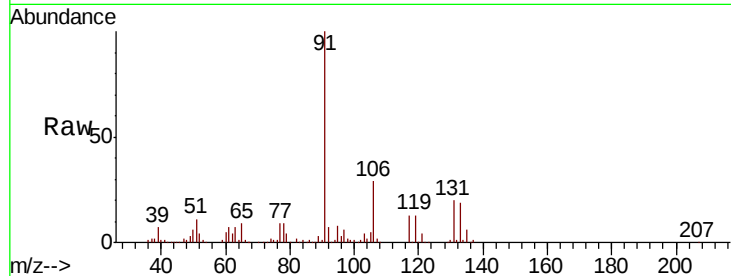
#67
Ethyl Benzene
Concen: 17.871 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion: 91 Resp: 354180
Ion Ratio Lower Upper
91 100
106 29.0 23.6 35.4

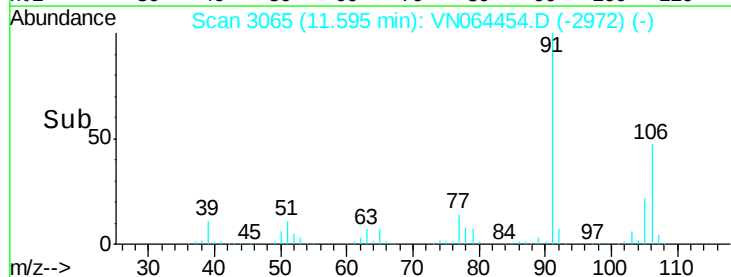
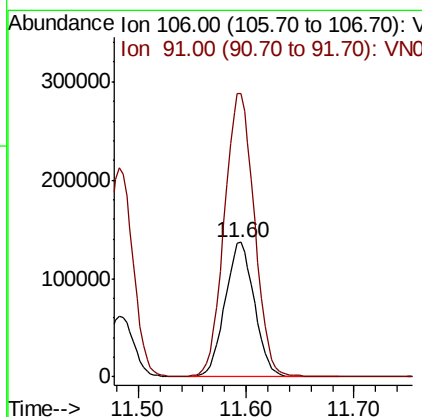
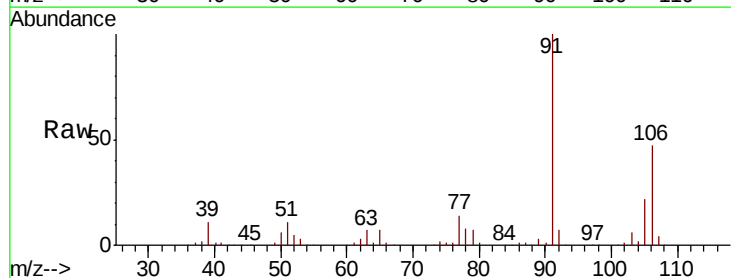
Manual Integrations
APPROVED

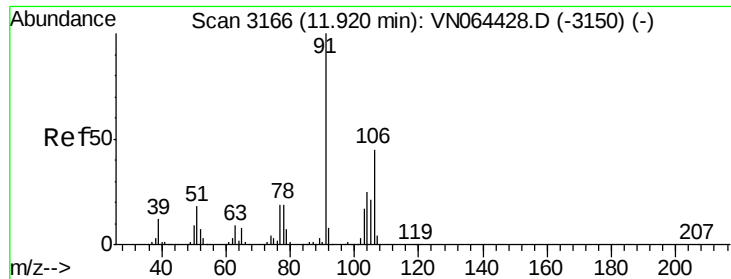
MMDadoda
11/6/2020 8:51:16 AM



#68
m/p-Xylenes
Concen: 36.038 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion: 106 Resp: 259019
Ion Ratio Lower Upper
106 100
91 215.6 169.4 254.2





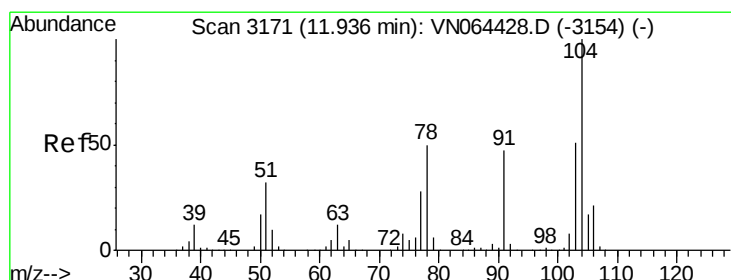
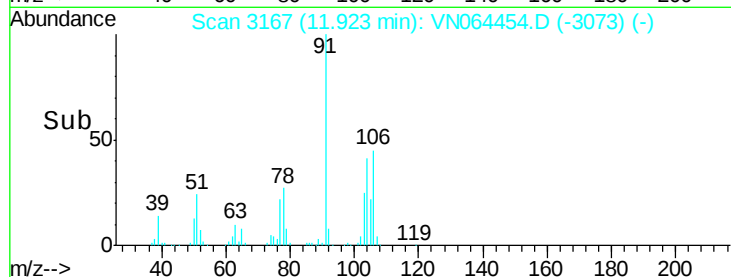
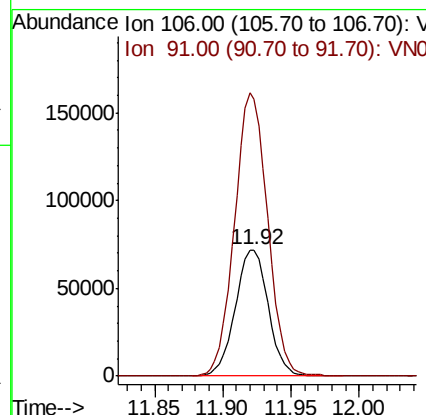
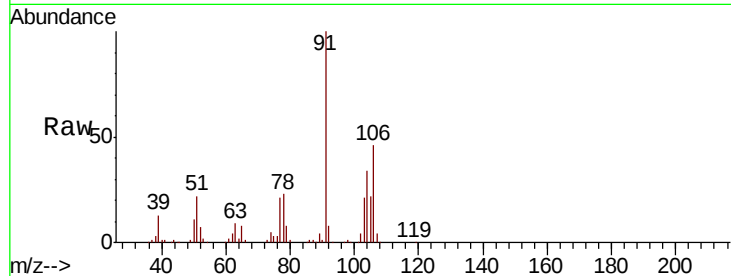
#69
o-Xylene
Concen: 17.391 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	225.3	111.7	334.9	

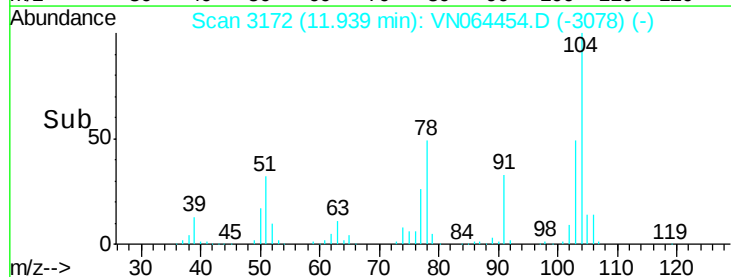
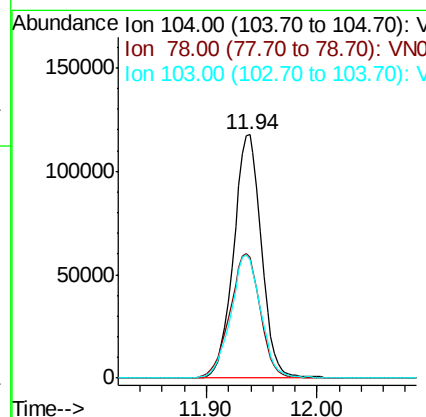
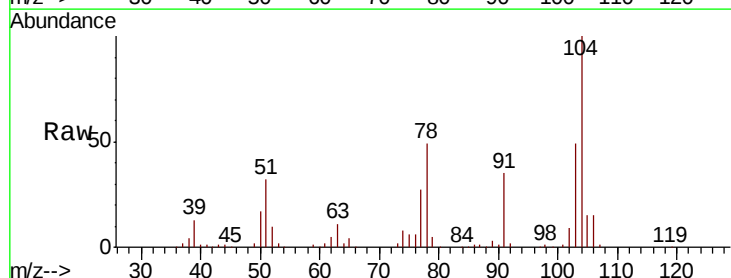
Manual Integrations
APPROVED

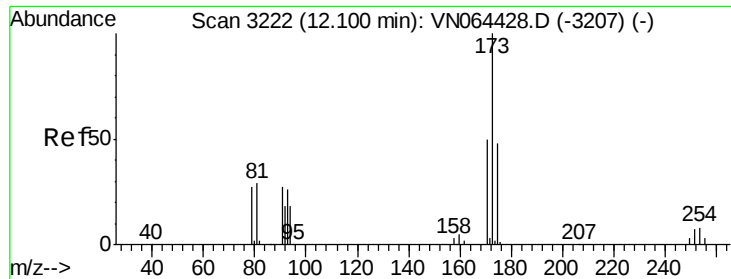
MMDadoda
11/6/2020 8:51:16 AM



#70
Styrene
Concen: 17.612 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	55.7	44.0	66.0	
103	55.0	43.8	65.6	





#71

Bromoform

Concen: 17.084 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

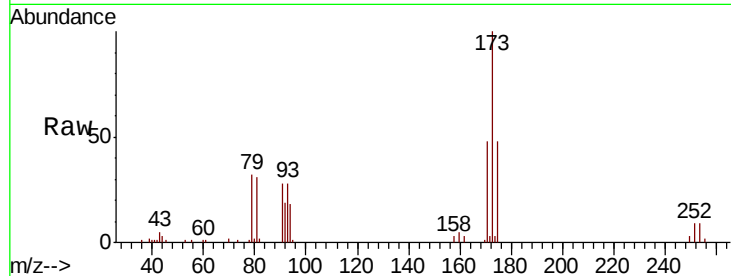
ClientSampleId :

VN1105WBS01

Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	49.6	23.7	71.1	
254	0.2	0.0	0.0	

Manual Integrations
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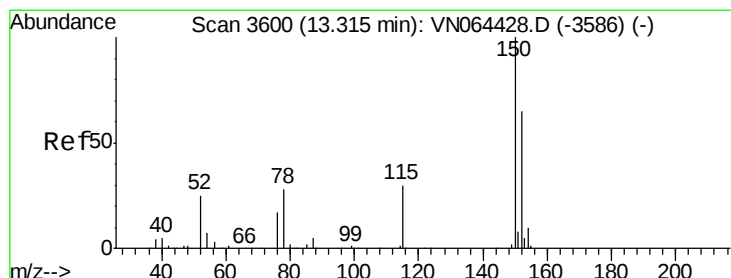
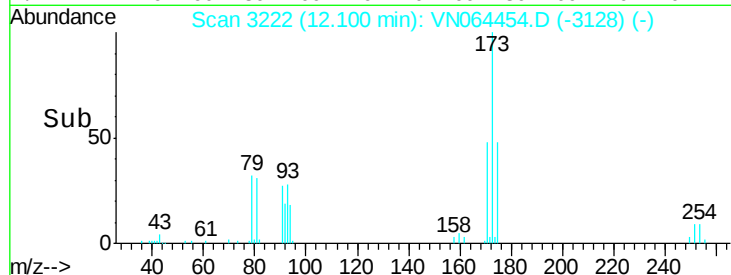
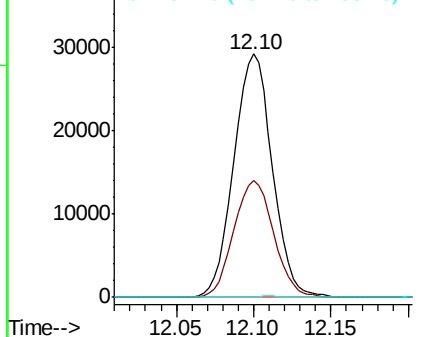


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

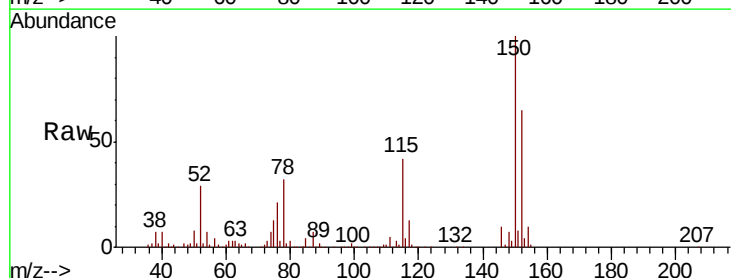
RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	64.8	32.0	96.0	
150	158.1	0.0	353.8	

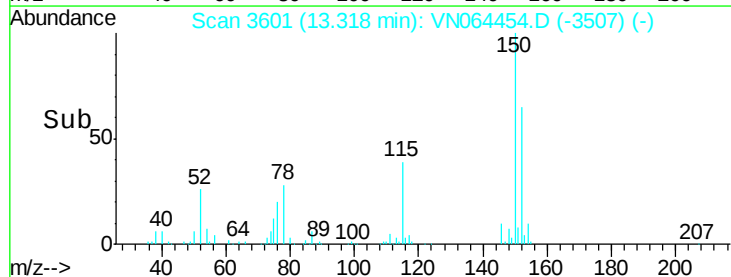
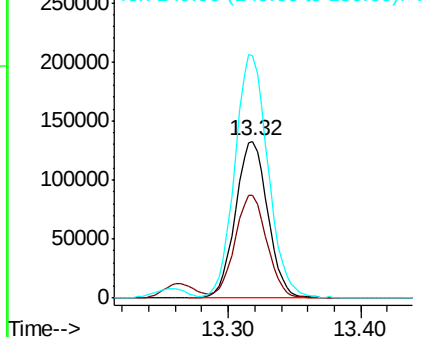


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





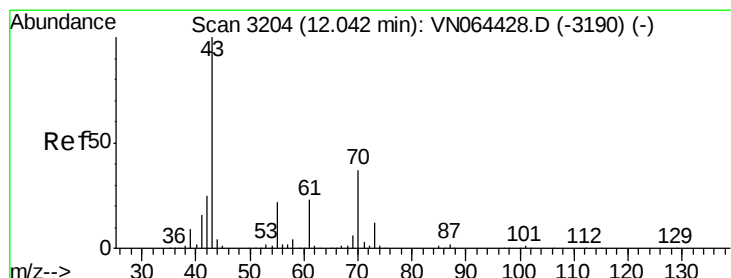
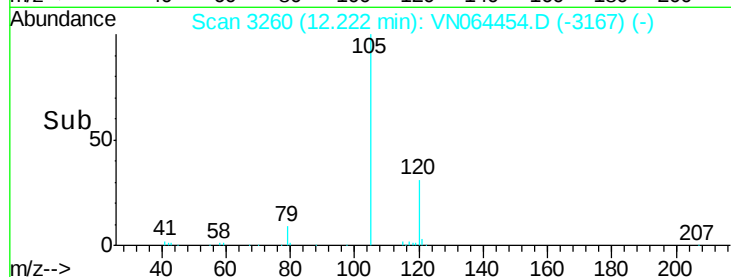
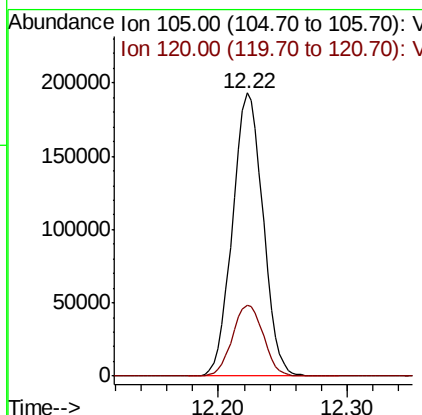
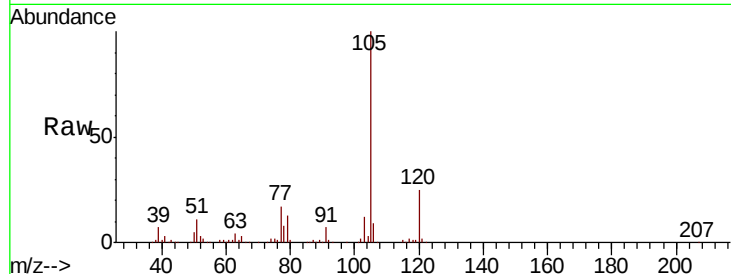
#73
Isopropylbenzene
Concen: 17.730 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.3

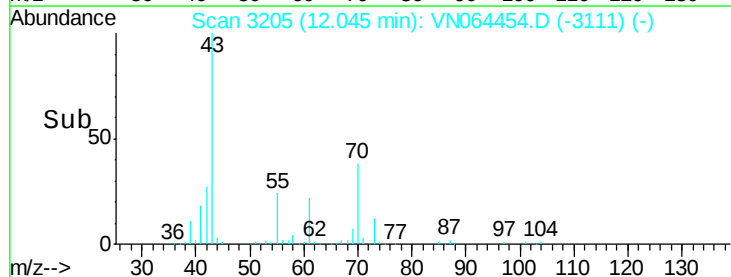
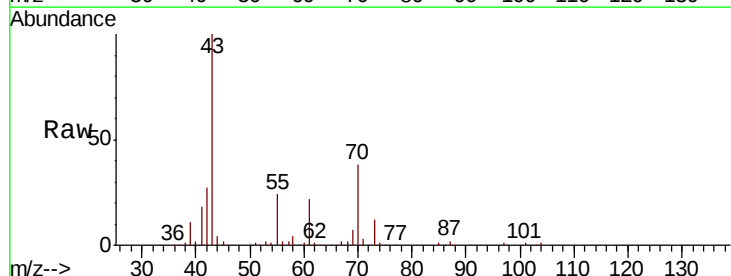
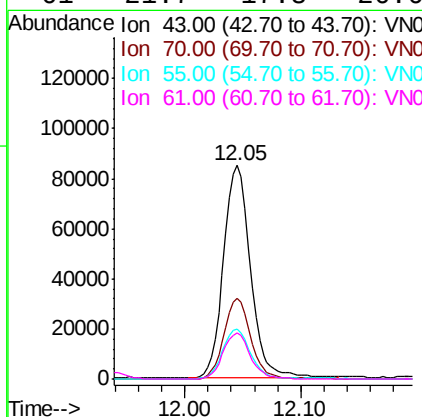
Manual Integrations
APPROVED

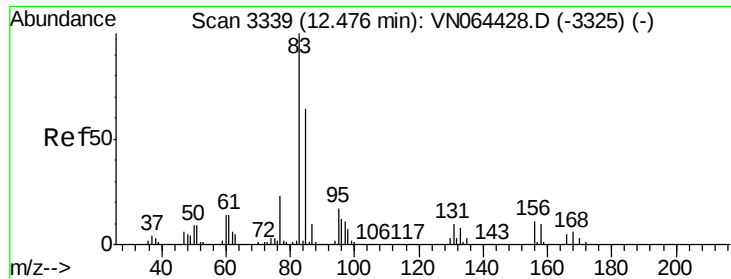
MMDadoda
11/6/2020 8:51:16 AM



#74
N-ethyl acetate
Concen: 16.729 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.3	29.6	44.4
55	24.2	18.4	27.6
61	21.7	17.8	26.6





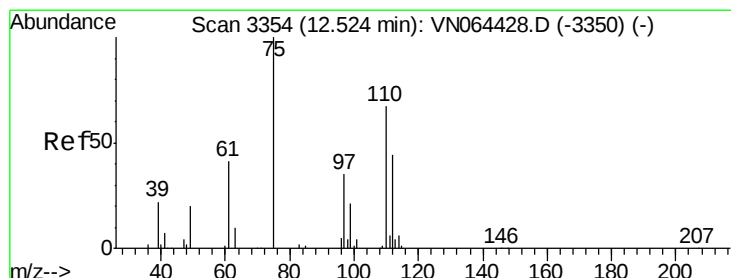
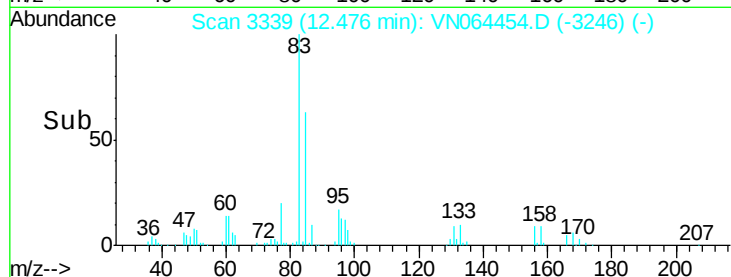
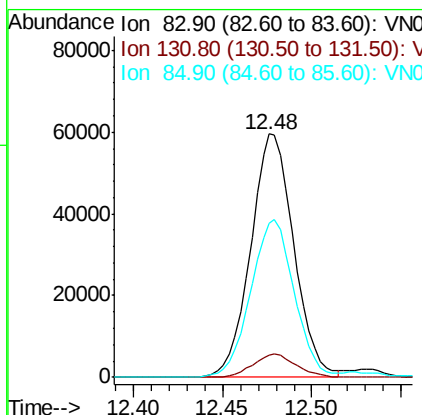
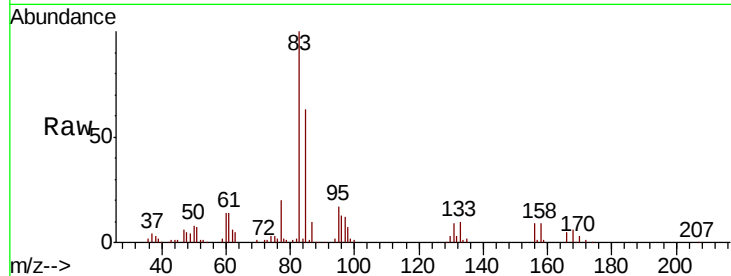
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.300 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	100613		
131	9.5	4.9	14.7	
85	65.3	32.1	96.5	

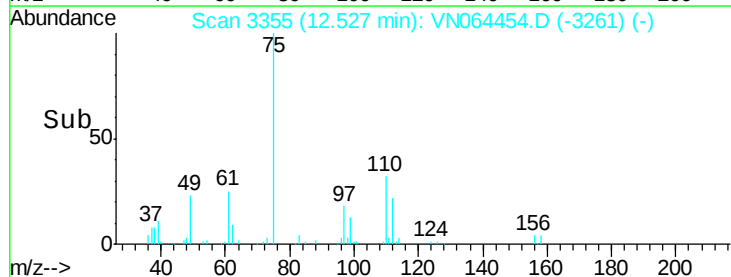
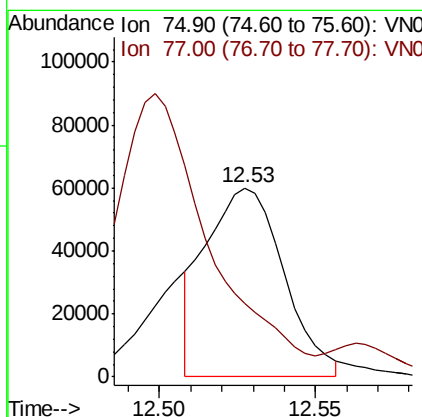
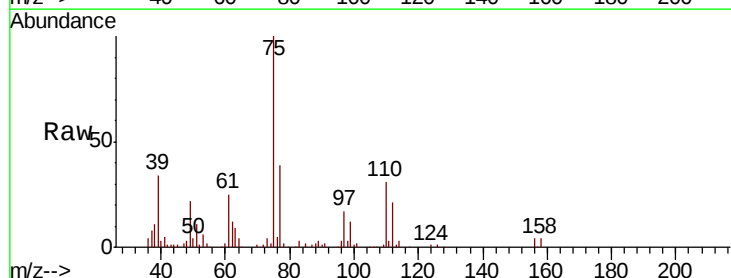
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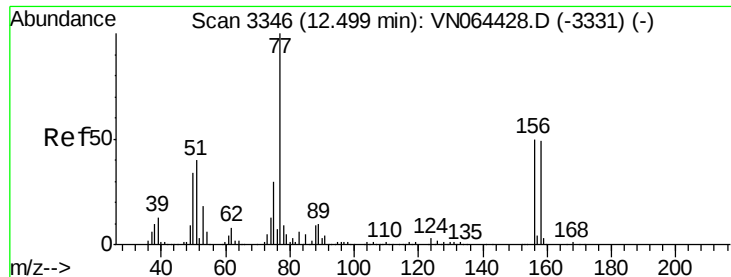
MMDadoda
 11/6/2020 8:51:16 AM



#76
 1,2,3-Trichloropropane
 Concen: 19.055 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	103977		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 17.628 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

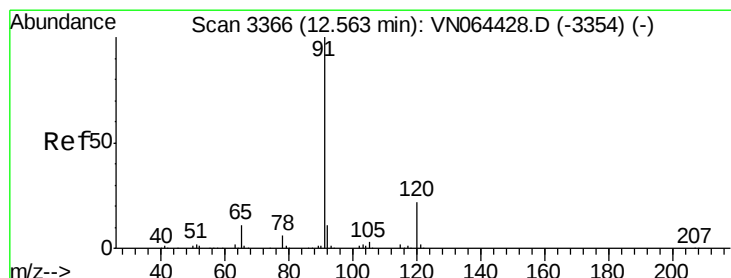
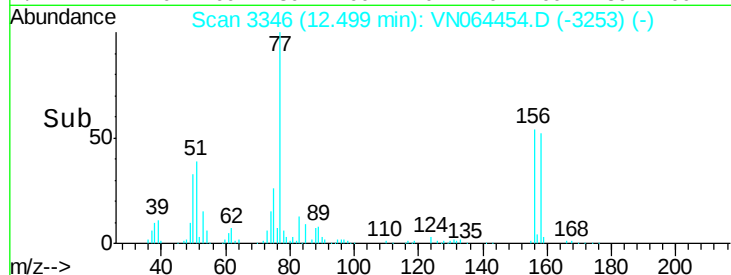
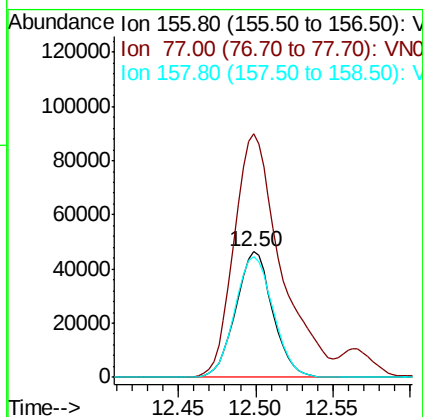
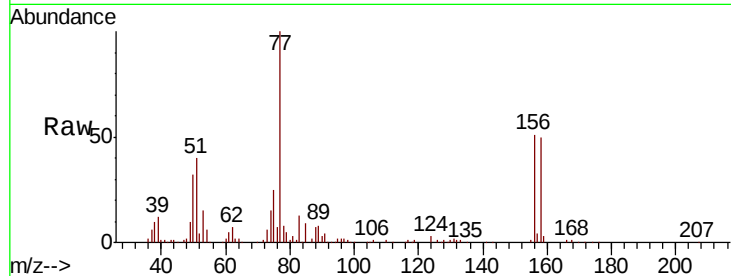
ClientSampleId :

VN1105WBS01

Tot Ion:	156	Resp:	77037
Ion	Ratio	Lower	Upper
156	100		
77	245.9	119.0	357.0
158	100.0	48.4	145.3

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#78

n-propylbenzene

Concen: 18.207 ug/l

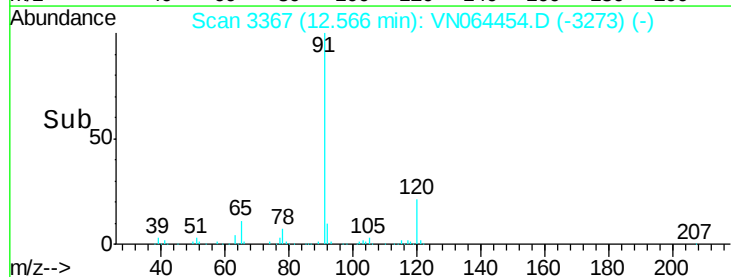
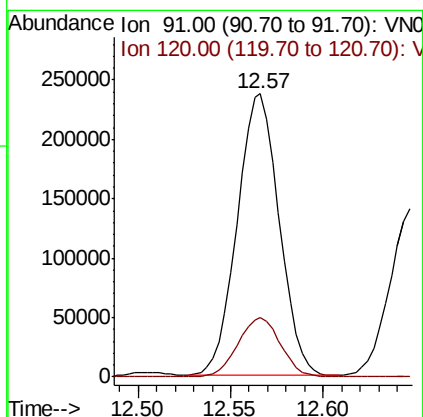
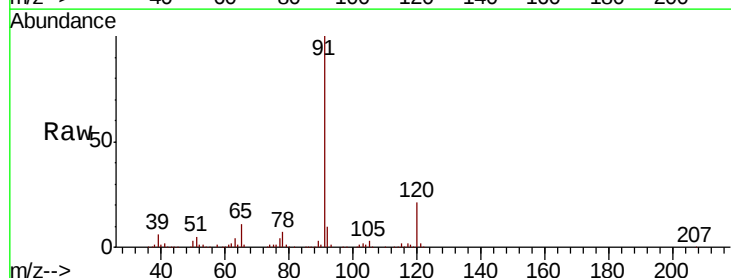
RT: 12.57 min Scan# 3367

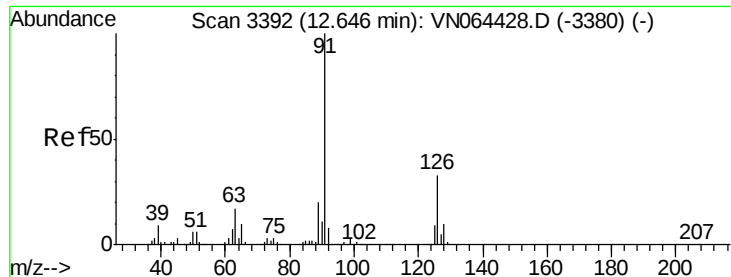
Delta R.T. 0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion:	91	Resp:	371570
Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.0	33.0





#79

2-Chlorotoluene

Concen: 18.148 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1105WBS01

Tot Ion: 91 Resp: 234890

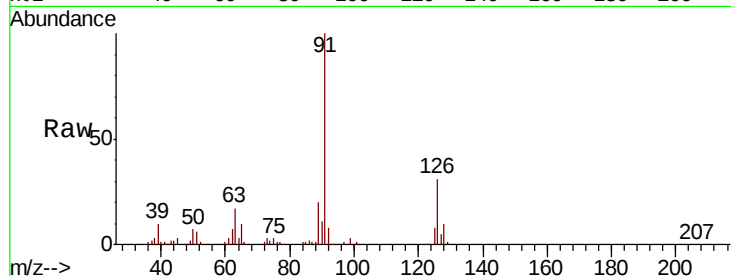
Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.1

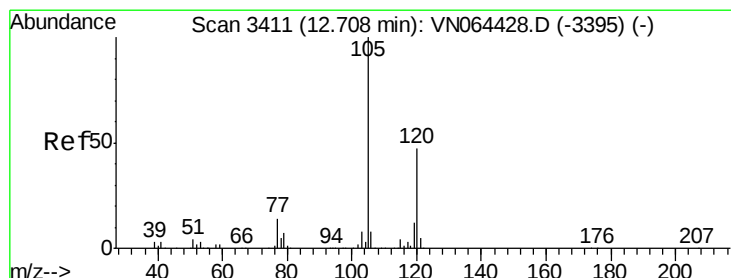
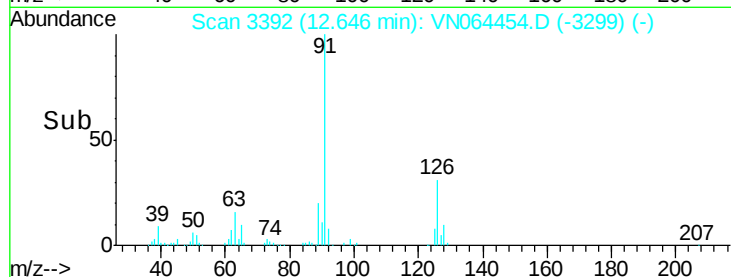
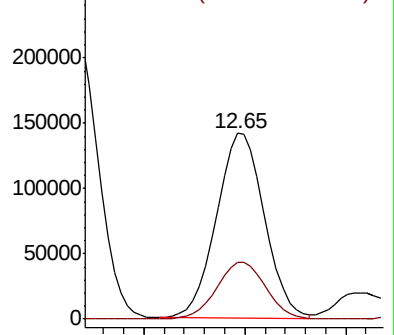
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Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.176 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064454.D

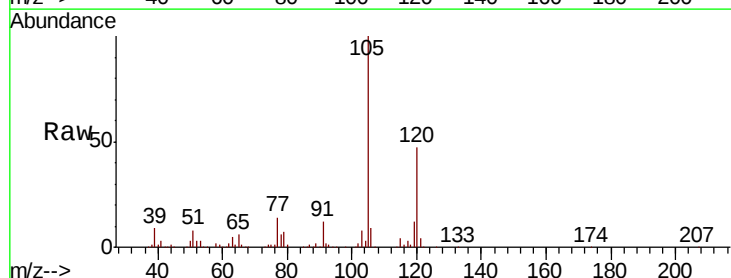
Acq: 5 Nov 2020 12:24

Tgt Ion: 105 Resp: 268408

Ion Ratio Lower Upper

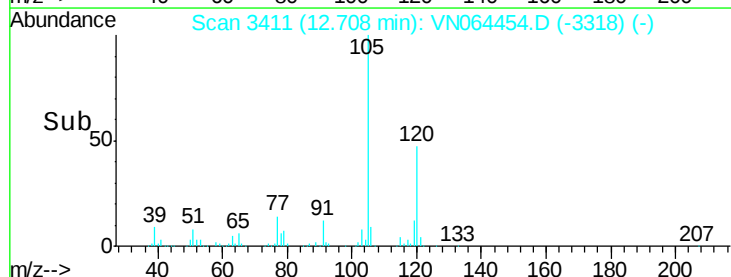
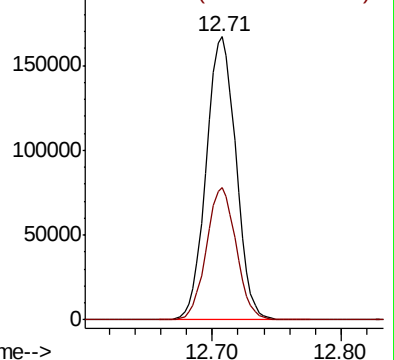
105 100

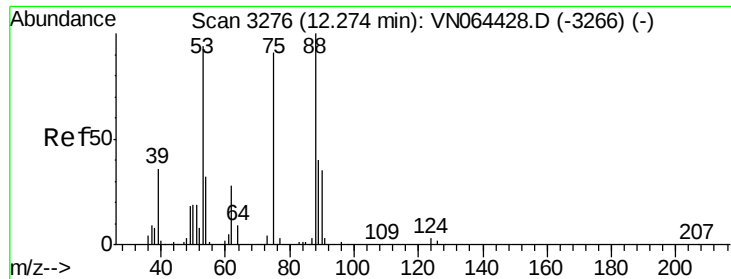
120 46.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.658 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

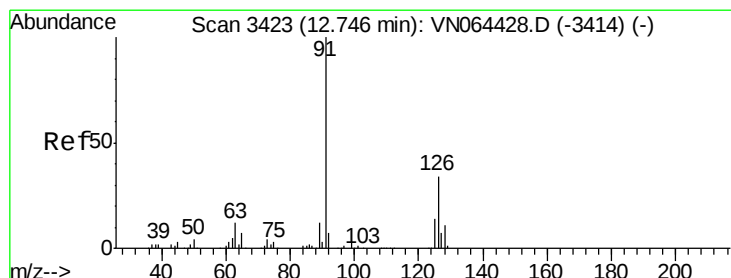
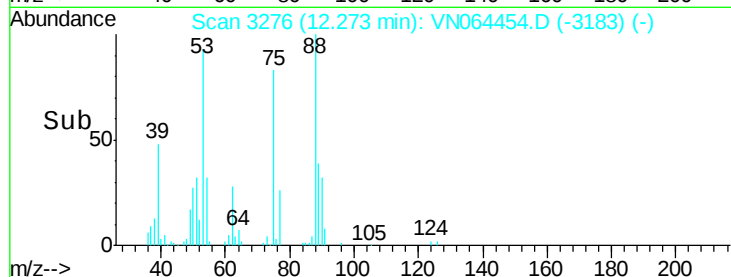
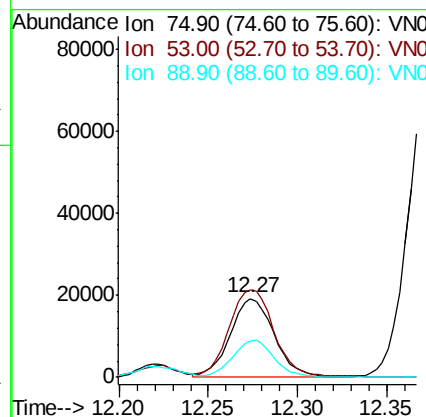
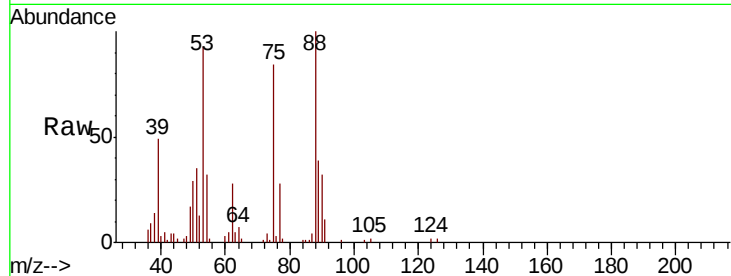
ClientSampleId :

VN1105WBS01

Tot Ion:	75	Resp:	32555
Ion	Ratio	Lower	Upper
75	100		
53	112.3	84.0	126.0
89	46.0	36.3	54.5

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#82

4-Chlorotoluene

Concen: 18.023 ug/l

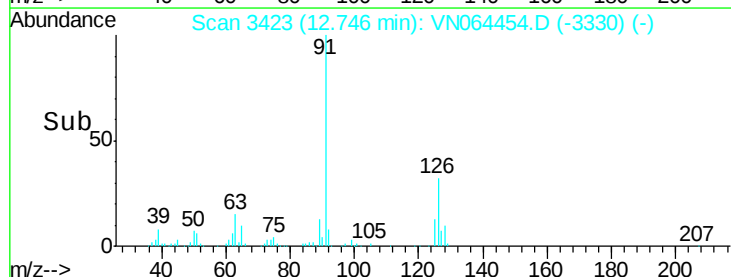
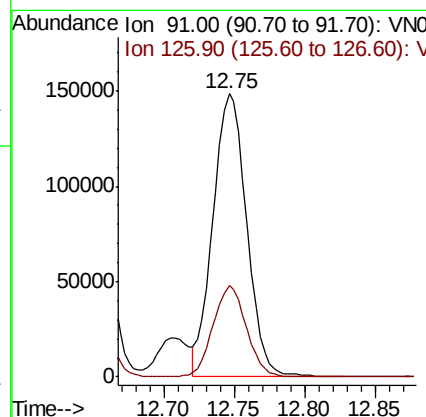
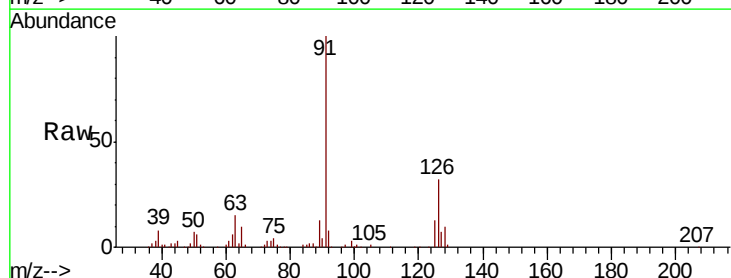
RT: 12.75 min Scan# 3423

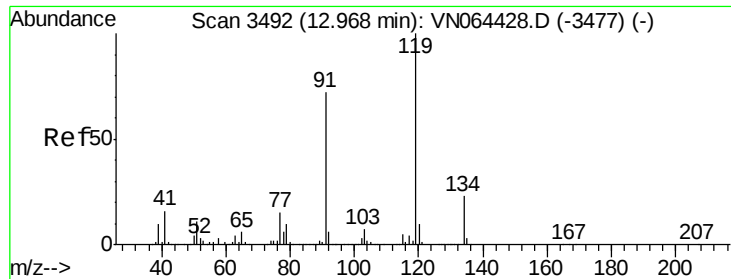
Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Tgt Ion:	91	Resp:	244307
Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.4	46.2





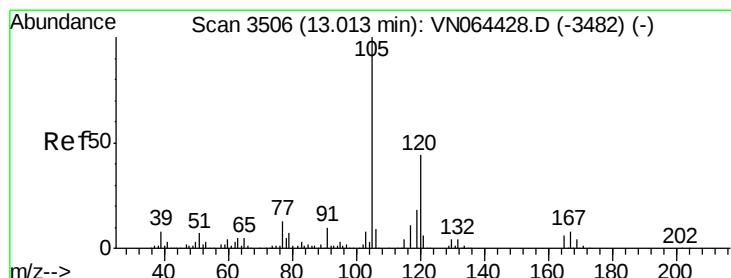
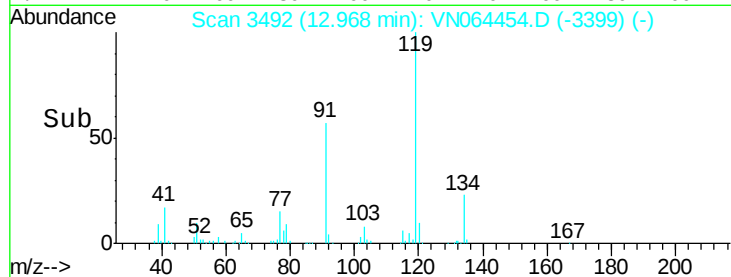
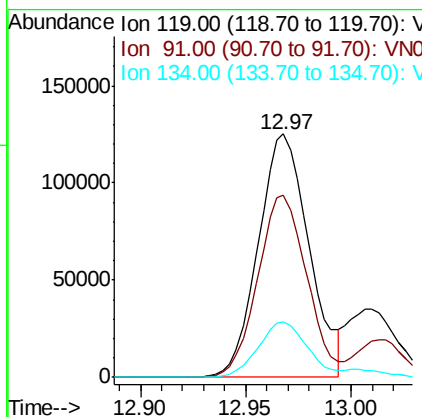
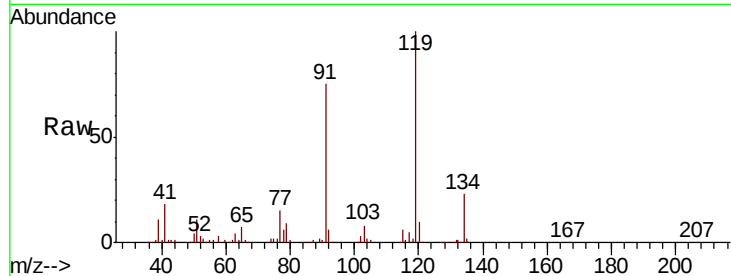
#83
 tert-Butylbenzene
 Concen: 18.172 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209587		
91	72.4	36.1	108.3	
134	22.1	11.7	35.1	

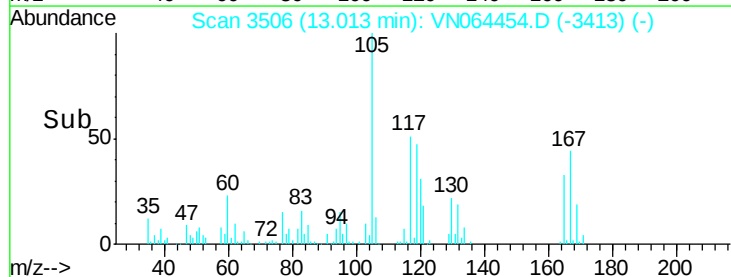
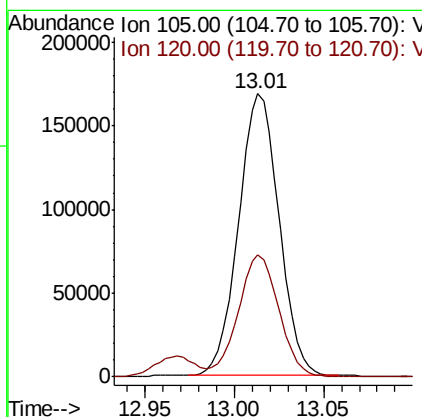
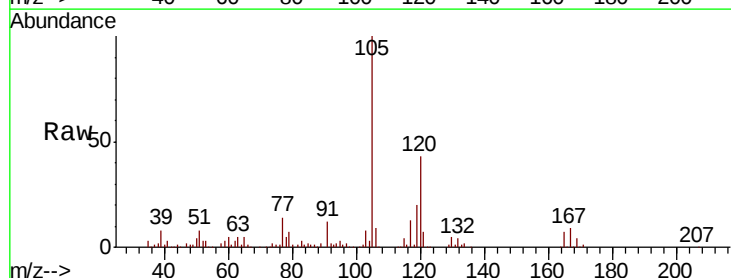
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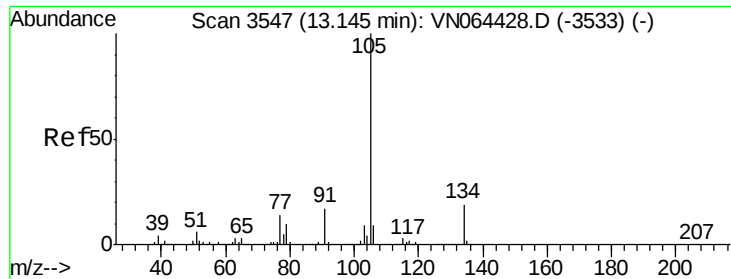
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.031 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267672		
120	43.6	21.9	65.7	





#85

sec-Butylbenzene

Concen: 18.287 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1105WBS01

Tot Ion:105 Resp: 267113

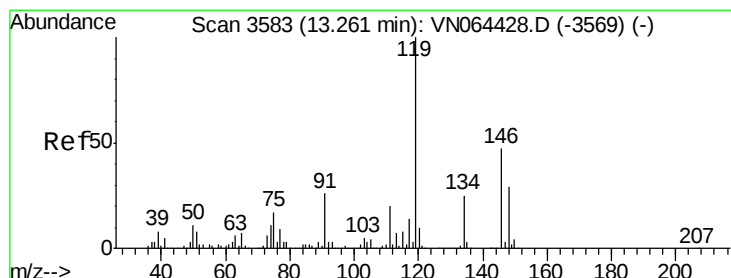
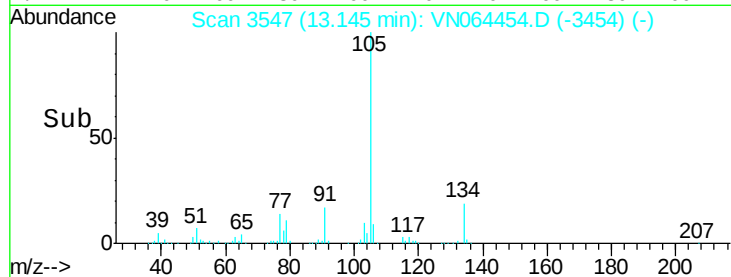
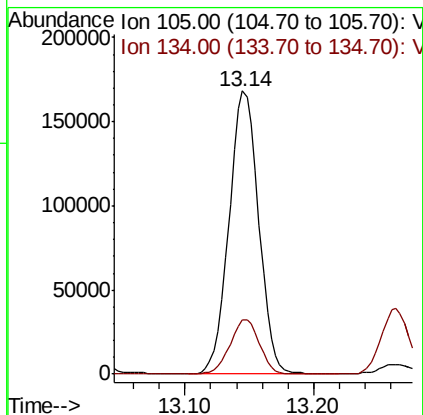
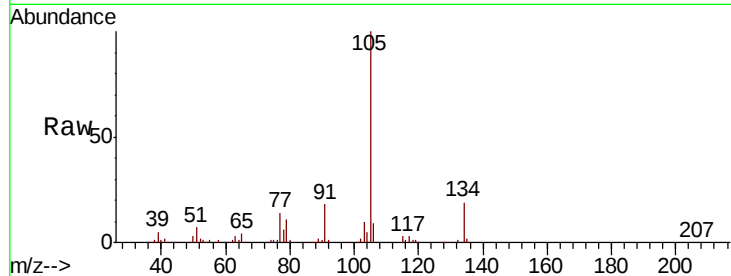
Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 18.325 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064454.D

Acq: 5 Nov 2020 12:24

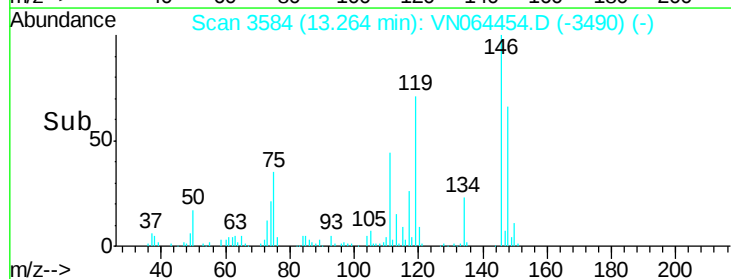
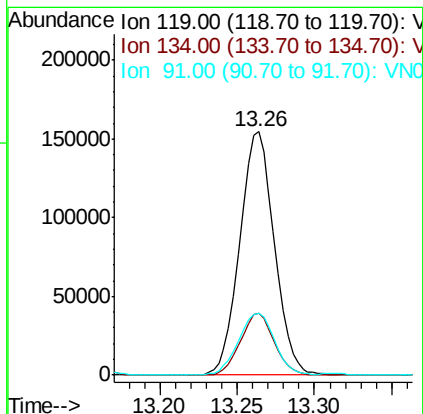
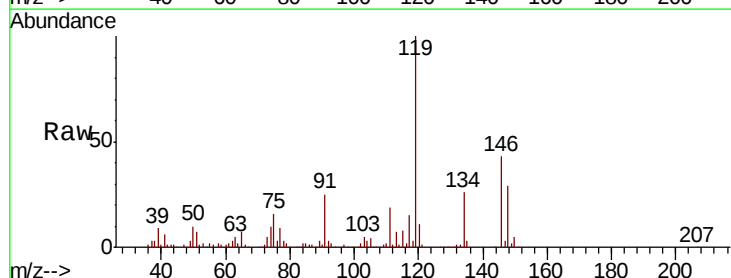
Tgt Ion:119 Resp: 240761

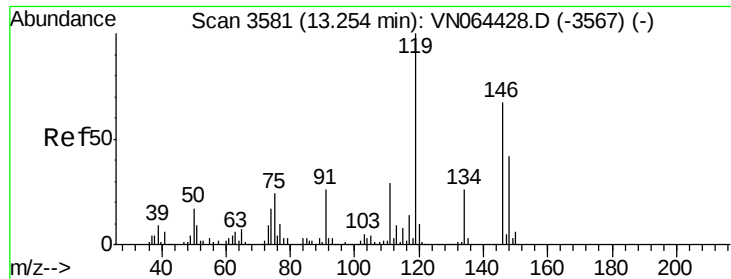
Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.6

91 26.8 12.8 38.3





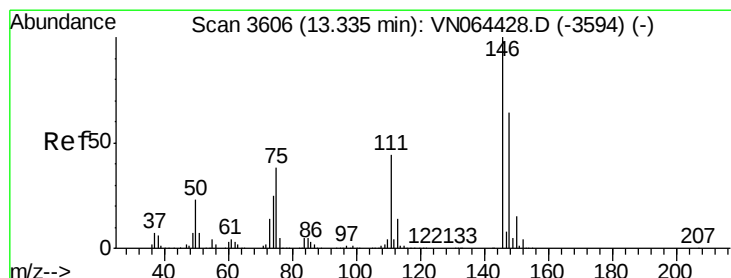
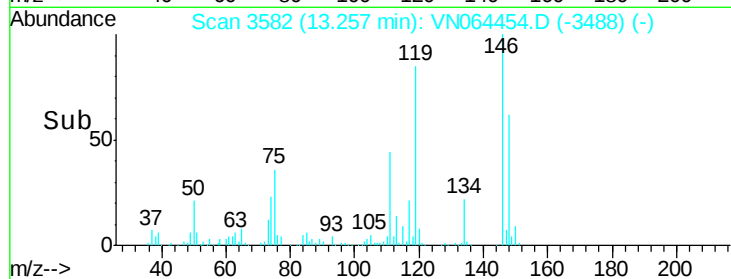
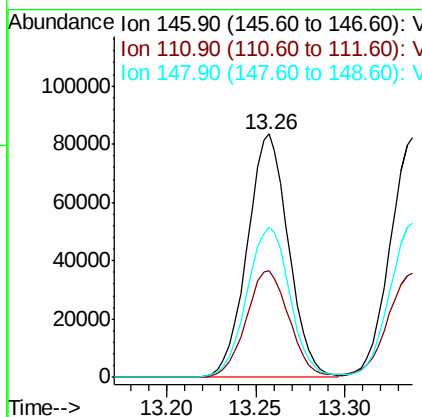
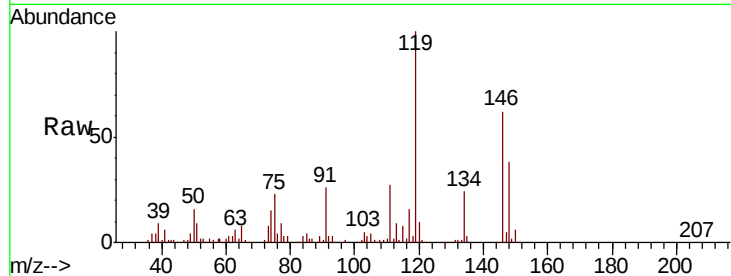
#87
 1,3-Dichlorobenzene
 Concen: 17.890 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.1	66.1
148	64.6	31.7	95.1

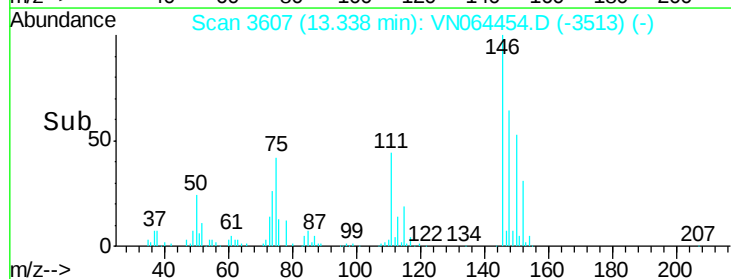
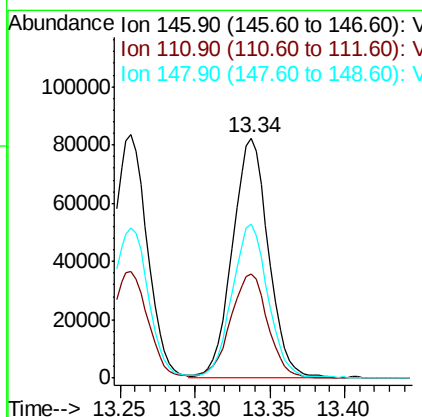
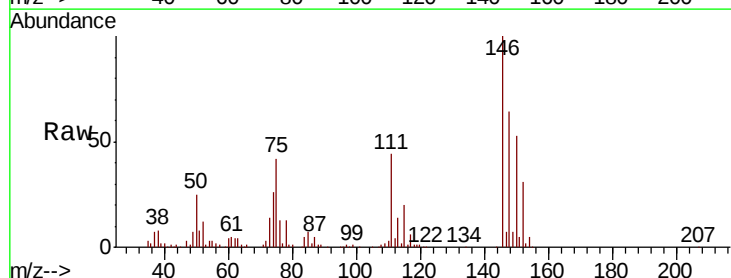
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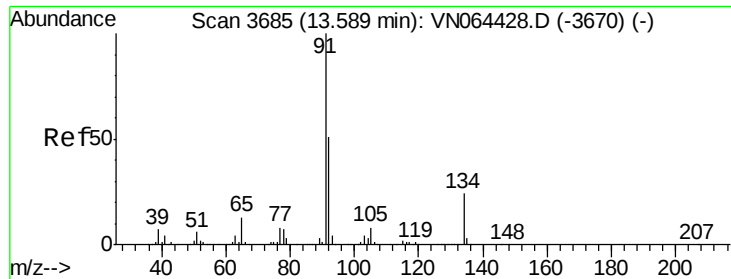
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#88
 1,4-Dichlorobenzene
 Concen: 17.556 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.8	65.3
148	63.3	32.4	97.2





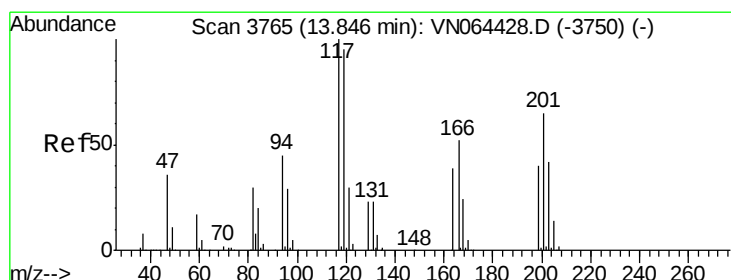
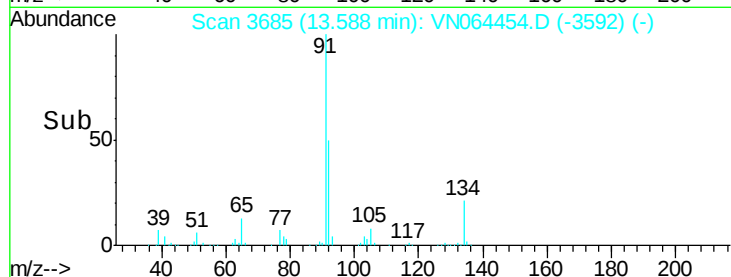
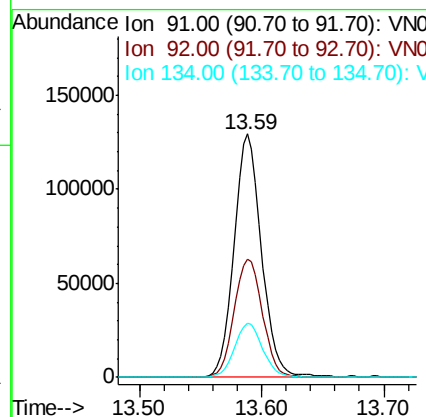
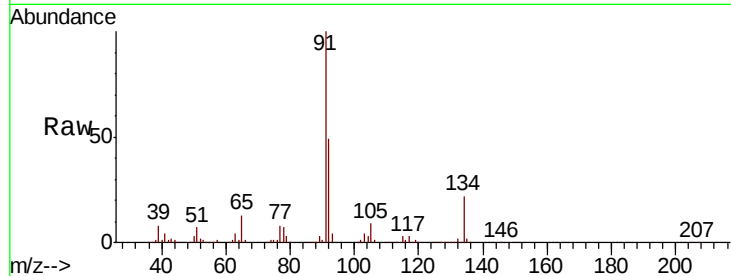
#89
n-Butylbenzene
Concen: 18.012 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.3	75.9
134	22.7	11.8	35.4

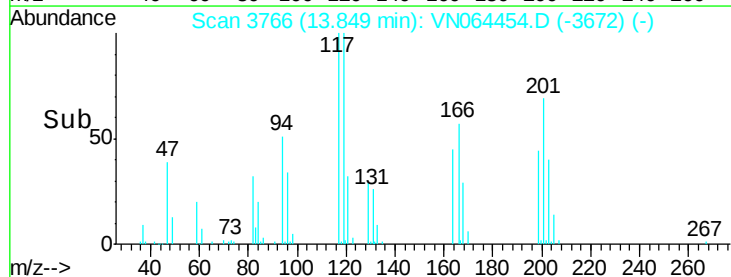
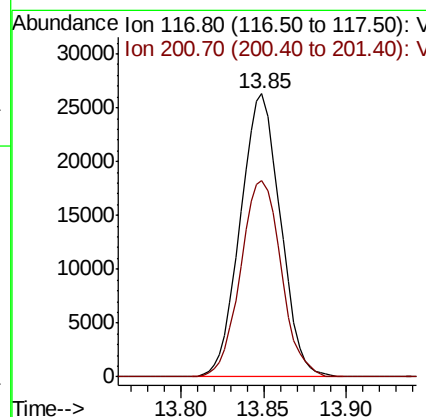
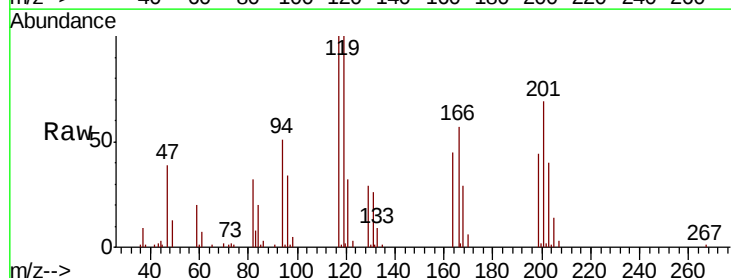
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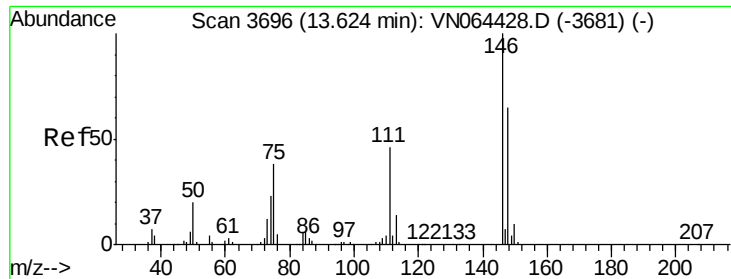
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#90
Hexachloroethane
Concen: 17.449 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.2	32.5	97.5





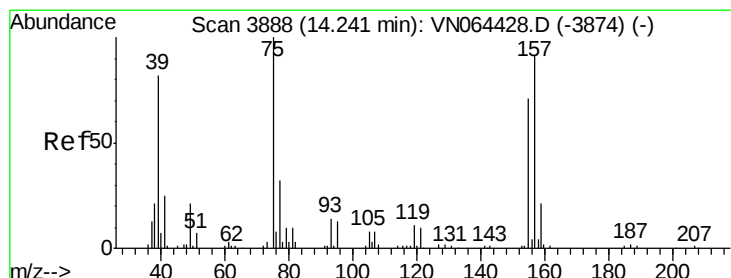
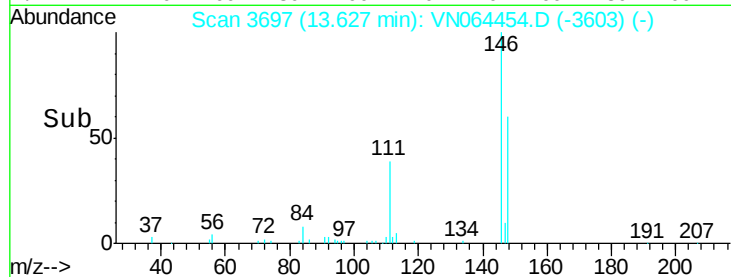
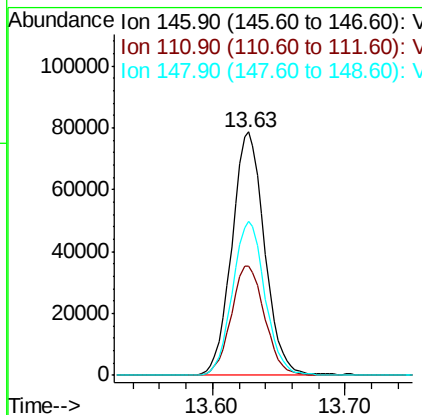
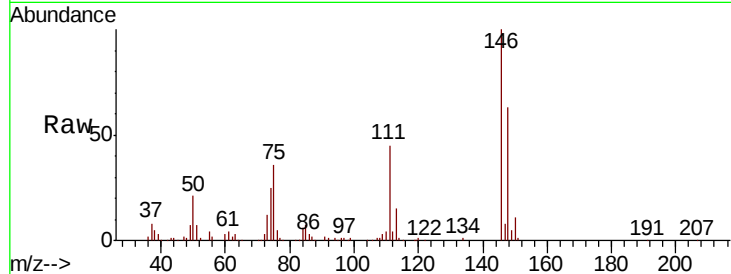
#91
 1,2-Dichlorobenzene
 Concen: 18.575 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.9	68.7
148	62.8	32.0	96.2

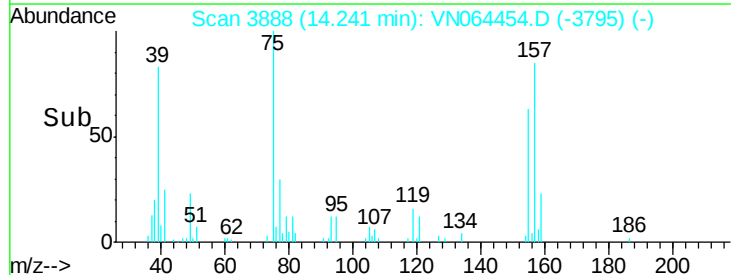
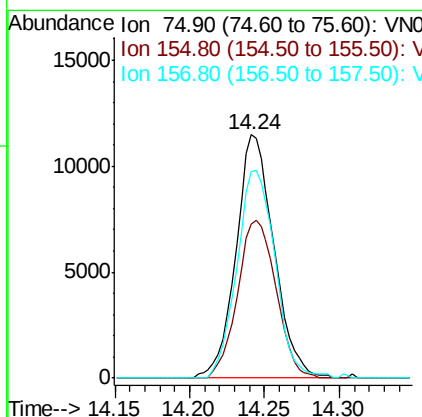
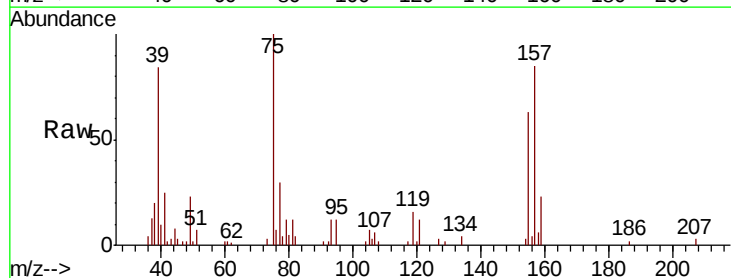
Manual Integrations
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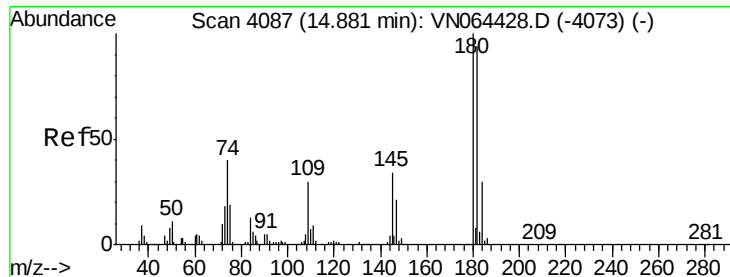
MMDadoda
 11/6/2020 8:51:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.547 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.7	34.6	103.9
157	85.9	43.0	128.8





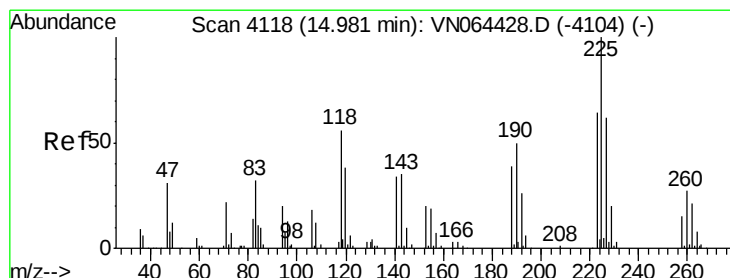
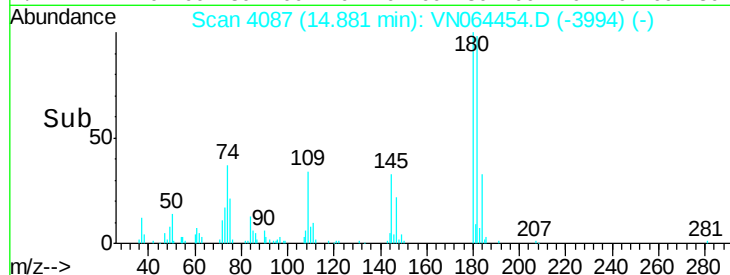
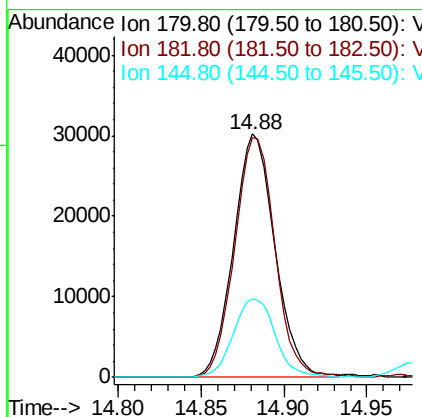
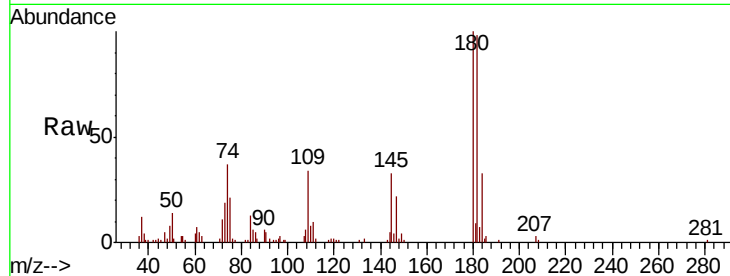
#93
 1,2,4-Trichlorobenzene
 Concen: 16.390 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	142.0
145	32.7	16.7	50.1

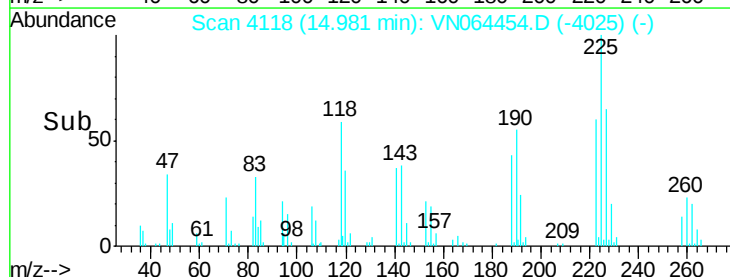
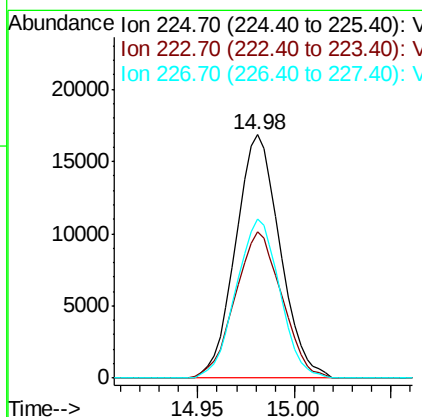
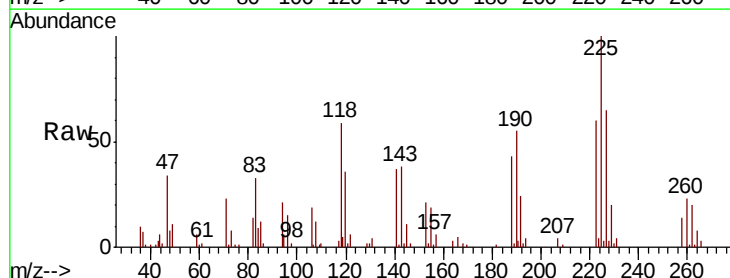
Manual Integrations
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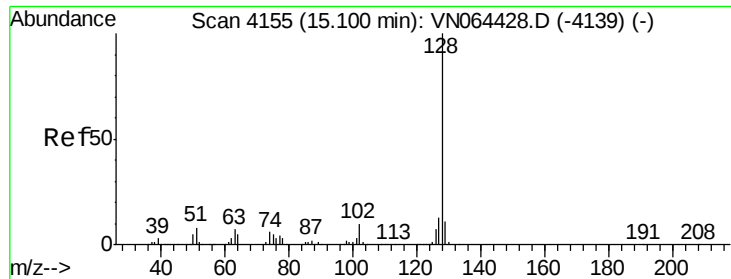
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#94
 Hexachlorobutadiene
 Concen: 18.159 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064454.D
 Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.8	95.4
227	64.3	31.8	95.4





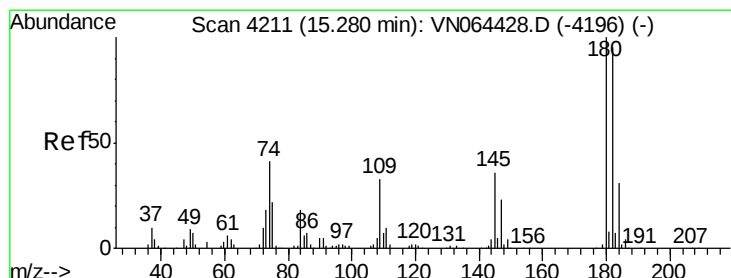
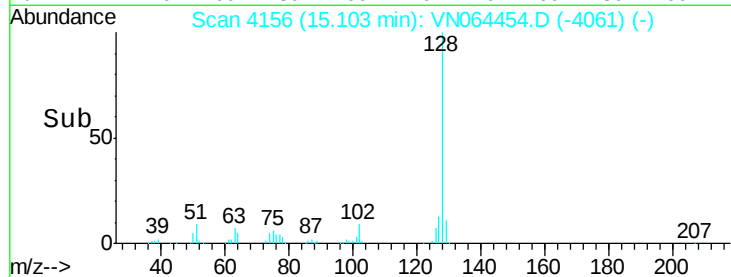
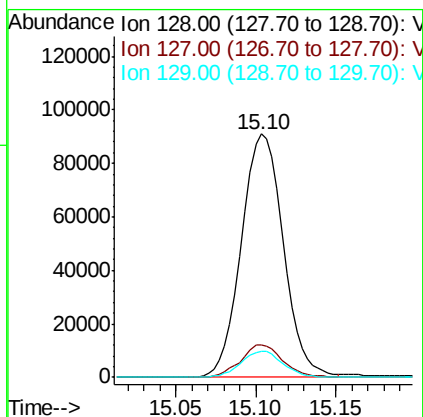
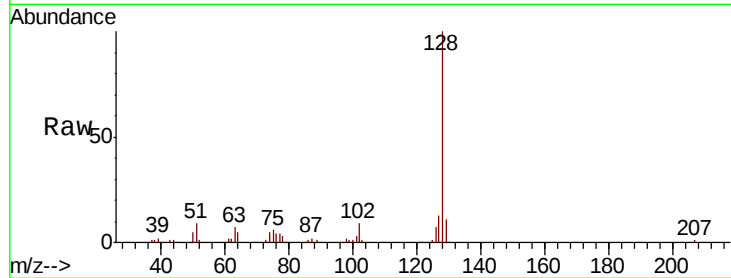
#95
Naphthalene
Concen: 15.882 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.7	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.449 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064454.D
Acq: 5 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.7	143.1
145	36.9	18.3	54.8

