

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064308.D
 Acq On : 26 Oct 2020 17:29
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 2:21:11 PM

Quant Time: Oct 26 17:49:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 16:34:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	51165	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	279625	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	261606	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	129662	28.84	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.13%
60) 4-Bromofluorobenzene	12.38	95	139907	30.05	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.17%
63) Toluene-d8	10.06	98	341603	29.26	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	629183	186.003	ug/l 93
3) Chloromethane	2.04	50	598887	172.133	ug/l 99
4) Vinyl Chloride	2.16	62	575660	164.233	ug/l 100
5) Bromomethane	2.50	94	344650	151.516	ug/l 91
6) Chloroethane	2.65	64	315969	155.329	ug/l 96
7) Trichlorofluoromethane	2.97	101	854821	145.897	ug/l 91
8) Diethyl Ether	3.37	74	286819	149.183	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	432061	149.628	ug/l 99
10) 1,1-Dichloroethene	3.69	96	433485	155.775	ug/l 99
11) Methyl Iodide	3.91	142	661079	164.801	ug/l 97
12) Methyl Acetate	4.27	43	521160	157.995	ug/l 97
13) Acrolein	3.56	56	182189	697.836	ug/l 99
14) Acrylonitrile	4.93	53	1184420	904.241	ug/l 99
15) Acetone	3.77	58	293268	732.090	ug/l 97
16) Carbon Disulfide	4.01	76	1296968	160.375	ug/l 98
17) Allyl chloride	4.27	41	868545	162.576	ug/l 96
18) Methylene Chloride	4.50	84	495081	151.030	ug/l 97
19) trans-1,2-Dichloroethene	4.98	96	474177	152.026	ug/l 95
20) Diisopropyl ether	5.90	45	1708894	165.975	ug/l 92
21) 1,1-Dichloroethane	5.79	63	929435	153.288	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	540868	149.452	ug/l 97
23) tert-Butyl Alcohol	4.74	59	512540	853.336	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	1623192	163.776	ug/l 97
25) Chloroform	7.33	83	960200	146.639	ug/l 94
26) Cyclohexane	7.61	56	782612	165.563	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	730039	154.376	ug/l 98
30) 2-Butanone	6.78	43	1717808	812.793	ug/l # 97
31) 2,2-Dichloropropane	6.78	77	858371m	146.043	ug/l
32) 1,1,1-Trichloroethane	7.53	97	929893	153.785	ug/l 98
33) Carbon Tetrachloride	7.73	117	840573	154.931	ug/l 96
34) Benzene	8.00	78	2003046	154.765	ug/l # 86
35) Methacrylonitrile	7.12	41	345275	162.381	ug/l 97
36) 1,2-Dichloroethane	8.08	62	844643	150.844	ug/l # 91
37) Trichloroethene	8.80	130	544611	154.196	ug/l 94
38) Methylcyclohexane	9.05	83	716935	164.953	ug/l 99
39) 1,2-Dichloropropane	9.08	63	536379	153.809	ug/l 97
40) Dibromomethane	9.17	93	368695	152.796	ug/l 98

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 ALS Vial : 6 Sample Multiplier: 1

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 VSTDIC150

Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	809206	154.888	ug/l	99
42) Vinyl Acetate	5.84	43	7461170	802.610	ug/l	100
43) Ethyl Acetate	6.88	43	724365	161.858	ug/l #	71
44) Isopropyl Acetate	8.13	43	1290886	161.417	ug/l #	87
45) 1,4-Dioxane	9.17	88	196945	3820.023	ug/l	97
46) Methyl methacrylate	9.16	41	642899	165.381	ug/l	97
47) n-amyl Acetate	12.05	43	1180373	170.423	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	916817	156.157	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	936364	154.217	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	499535	154.872	ug/l	94
51) Ethyl methacrylate	10.40	69	813794	163.916	ug/l	94
52) 1,3-Dichloropropane	10.68	76	877899	154.905	ug/l	98
53) Dibromochloromethane	10.87	129	642232	160.674	ug/l	99
54) 1,2-Dibromoethane	10.98	107	541963	157.145	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	2047386	792.131	ug/l	99
56) Bromoform	12.10	173	463108	162.196	ug/l #	96
58) 4-Methyl-2-Pentanone	9.95	43	3667820	813.432	ug/l	99
59) 2-Hexanone	10.72	43	2752665	811.028	ug/l	99
61) Tetrachloroethene	10.60	164	521625	147.125	ug/l	97
62) Toluene	10.12	91	2236085	152.849	ug/l	99
64) Chlorobenzene	11.41	112	1386679	153.536	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	548121	151.186	ug/l	95
66) Ethyl Benzene	11.48	91	2519007	149.573	ug/l	95
67) m/p-Xylenes	11.60	106	1897335	306.208	ug/l	92
68) o-Xylene	11.92	106	923860	153.422	ug/l	96
69) Styrene	11.94	104	1592767	158.350	ug/l	97
70) Isopropylbenzene	12.22	105	2424803	151.698	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.48	83	701059	160.085	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	695388m	150.967	ug/l	
73) Bromobenzene	12.50	156	605914	155.587	ug/l	97
74) n-propylbenzene	12.57	91	2793611	153.053	ug/l	99
75) 2-Chlorotoluene	12.65	91	1729638	152.023	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	2091974	154.527	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	295227	167.508	ug/l	95
78) 4-Chlorotoluene	12.75	91	1839033	155.876	ug/l	99
79) tert-butylbenzene	12.97	119	1701134	154.380	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	2102002	152.853	ug/l	98
81) sec-Butylbenzene	13.14	105	2181767	152.697	ug/l	99
82) p-Isopropyltoluene	13.26	119	2036849	155.329	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	1093400	160.227	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	1089552	157.263	ug/l	98
85) n-Butylbenzene	13.59	91	1785823	155.796	ug/l	98
86) Hexachloroethane	13.85	117	399524	175.980	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	1055455	157.877	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	185313	173.051	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	627186	166.056	ug/l	99
90) Hexachlorobutadiene	14.98	225	308918	150.089	ug/l	95
91) Naphthalene	15.10	128	1938905	173.198	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	610406	168.293	ug/l	99

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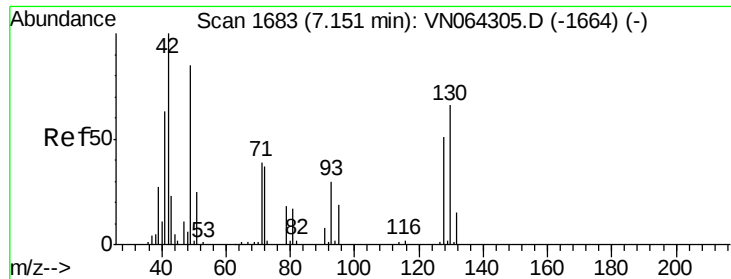
Manual Integrations
APPROVED

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

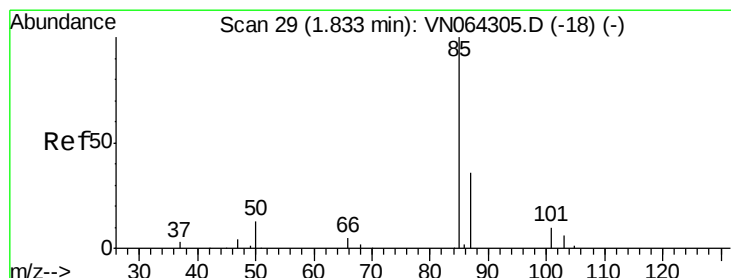
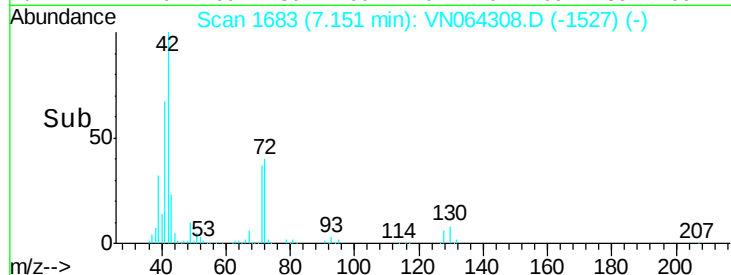
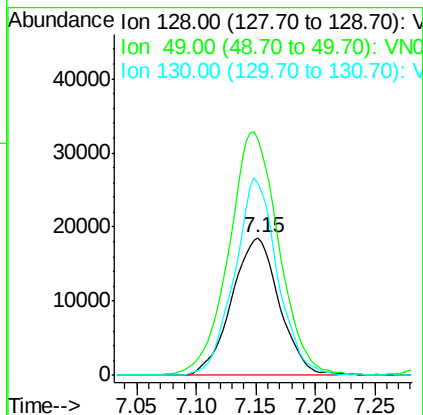
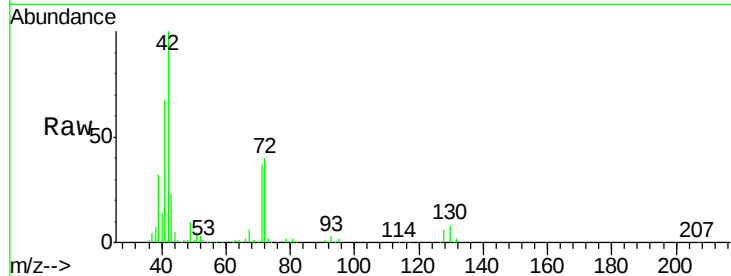
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	186.0	0.0	439.5
130	129.9	0.0	323.8

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#2

Dichlorodifluoromethane

Concen: 186.003 ug/l

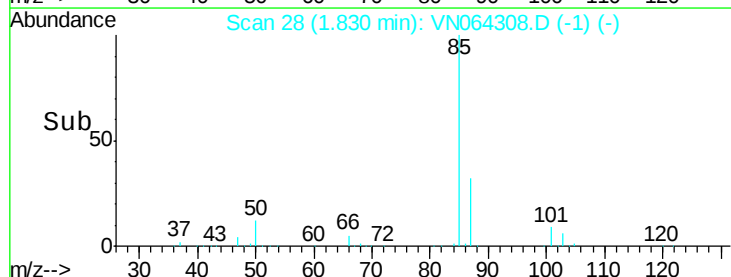
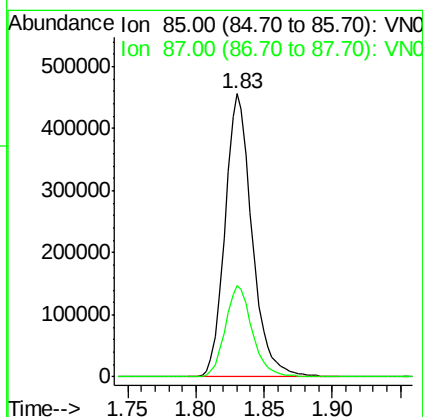
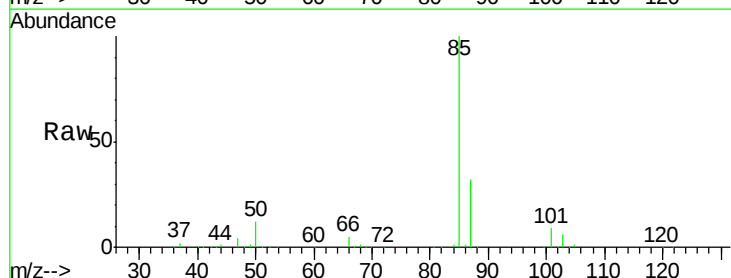
RT: 1.83 min Scan# 28

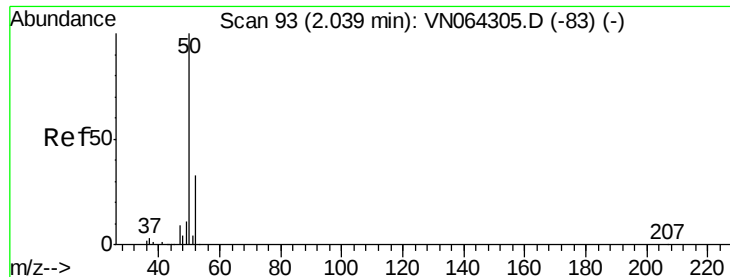
Delta R.T. -0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	18.1	54.4





#3

Chloromethane

Concen: 172.133 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 598887

Ion Ratio Lower Upper

50 100

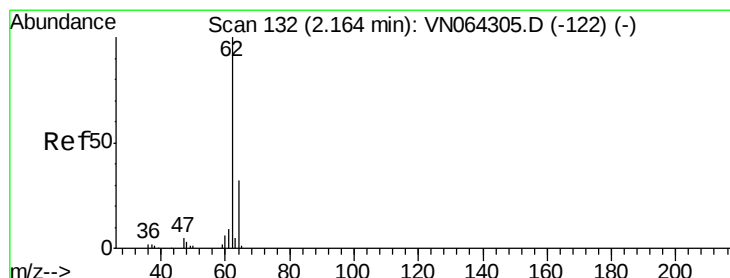
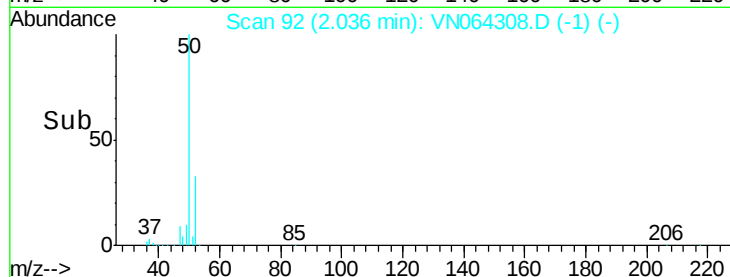
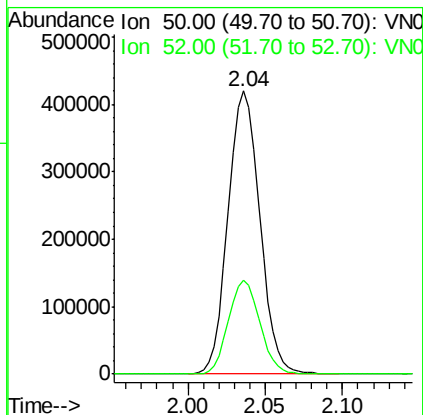
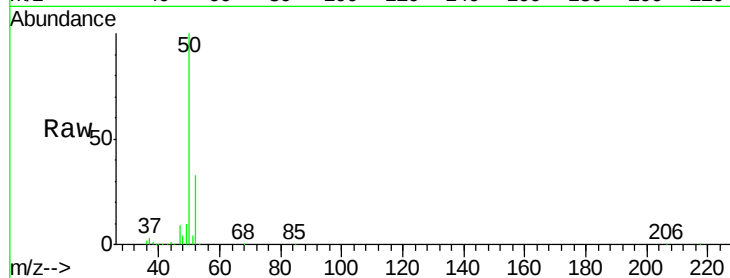
52 33.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 164.233 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064308.D

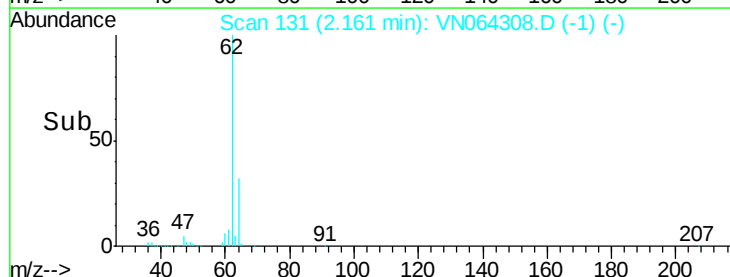
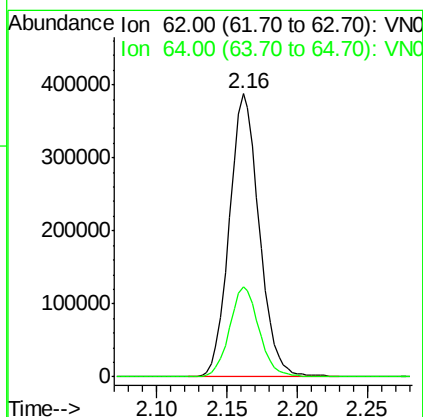
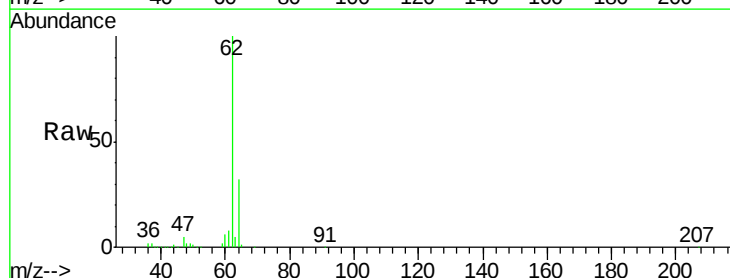
Acq: 26 Oct 2020 17:29

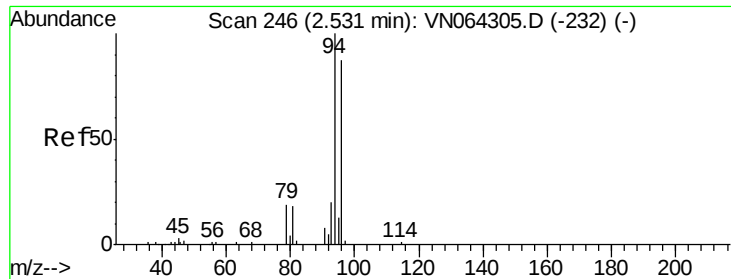
Tgt Ion: 62 Resp: 575660

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 151.516 ug/l

RT: 2.50 min Scan# 237

Delta R.T. -0.03 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 344650

Ion Ratio Lower Upper

94 100

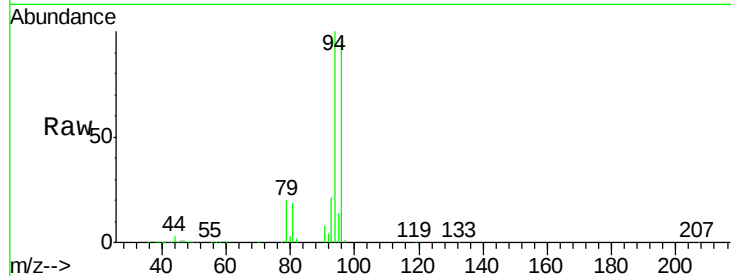
96 95.2 69.4 104.0

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN064308.D (-90) (-)

Ion 96.00 (95.70 to 96.70): VN064308.D (-90) (-)

2.50

200000

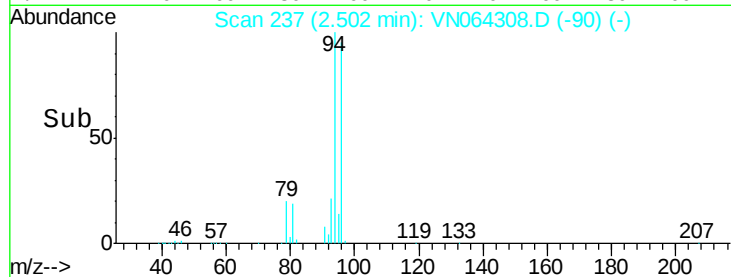
150000

100000

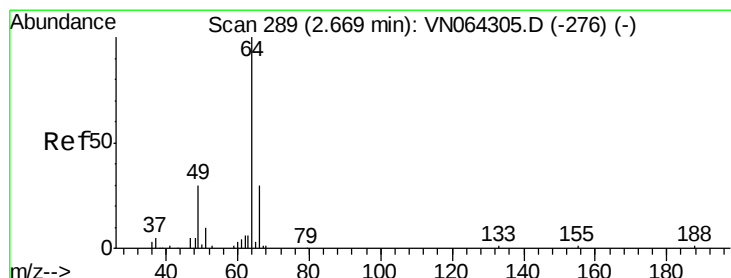
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Time-->



Time-->



#6

Chloroethane

Concen: 155.329 ug/l

RT: 2.65 min Scan# 284

Delta R.T. -0.02 min

Lab File: VN064308.D

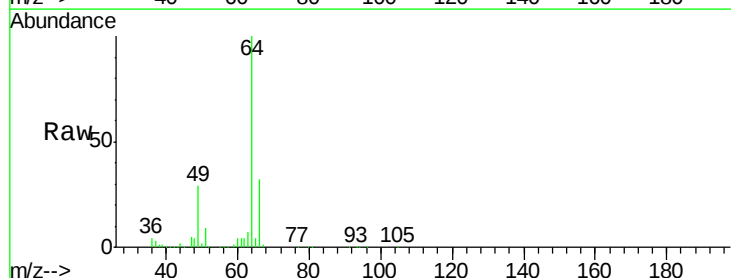
Acq: 26 Oct 2020 17:29

Tgt Ion: 64 Resp: 315969

Ion Ratio Lower Upper

64 100

66 32.3 24.1 36.1



Abundance Ion 64.00 (63.70 to 64.70): VN064308.D (-133) (-)

Ion 66.00 (65.70 to 66.70): VN064308.D (-133) (-)

2.65

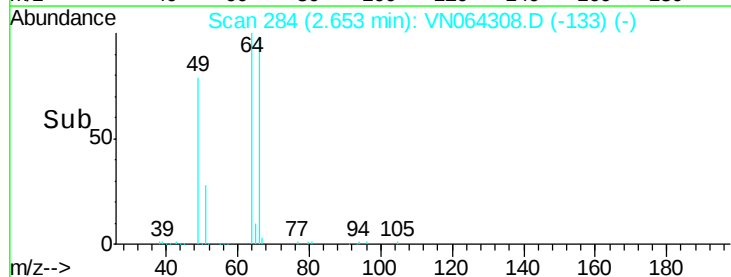
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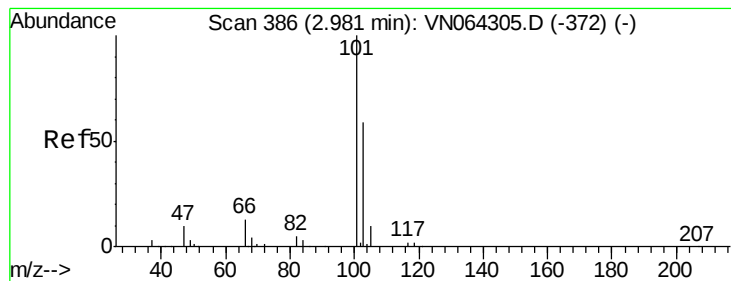
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Time-->



Time-->



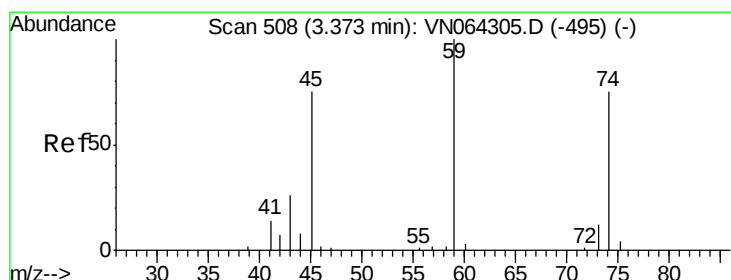
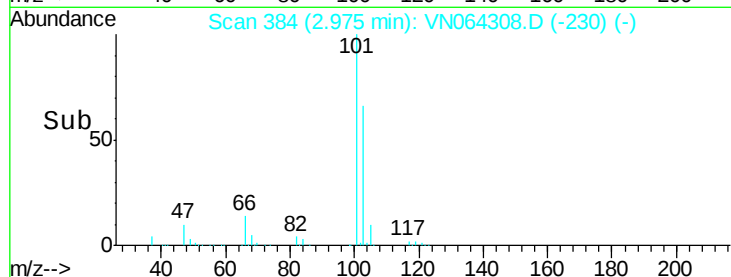
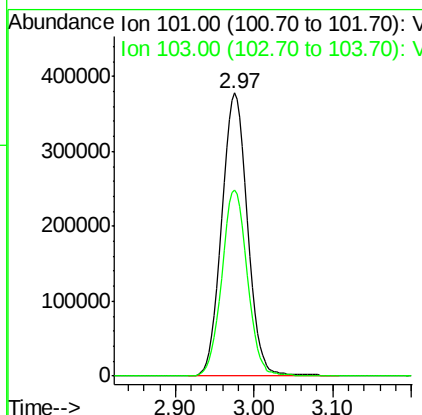
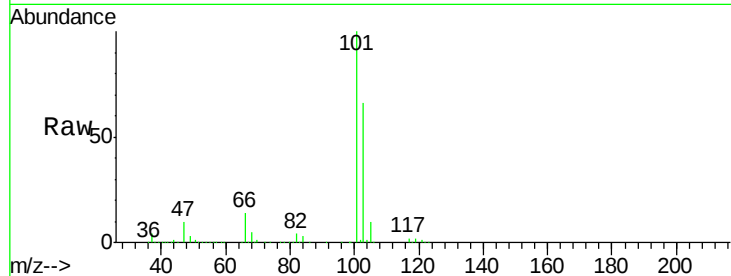
#7
 Trichlorofluoromethane
 Concen: 145.897 ug/l
 RT: 2.97 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:101 Resp: 854821
 Ion Ratio Lower Upper
 101 100
 103 65.9 47.1 70.7

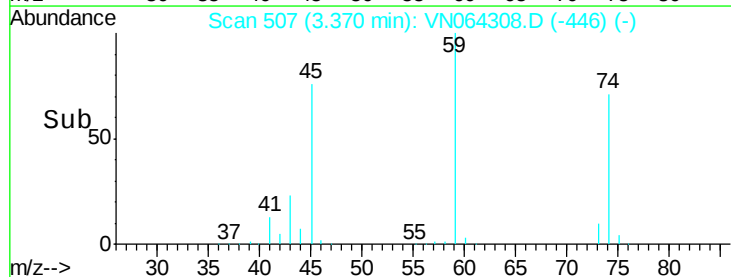
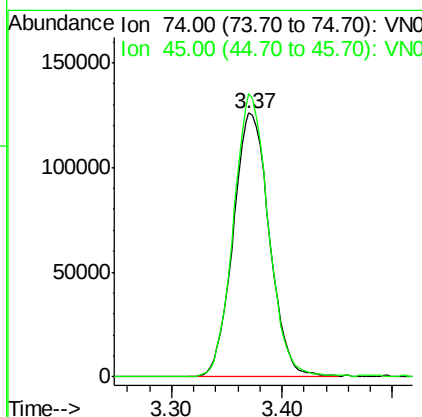
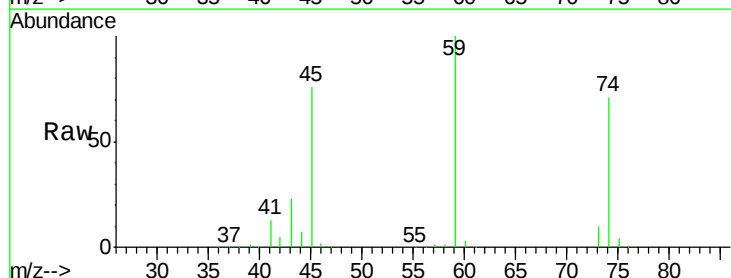
Manual Integrations
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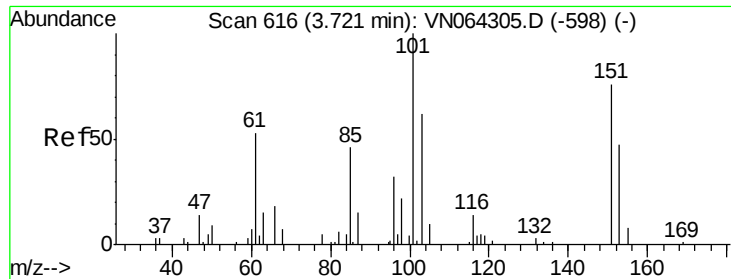
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#8
 Diethyl Ether
 Concen: 149.183 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion: 74 Resp: 286819
 Ion Ratio Lower Upper
 74 100
 45 103.5 20.4 183.6





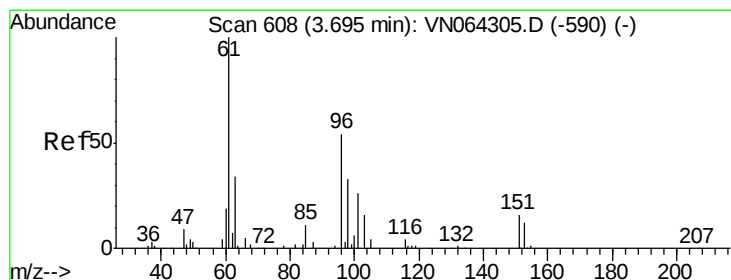
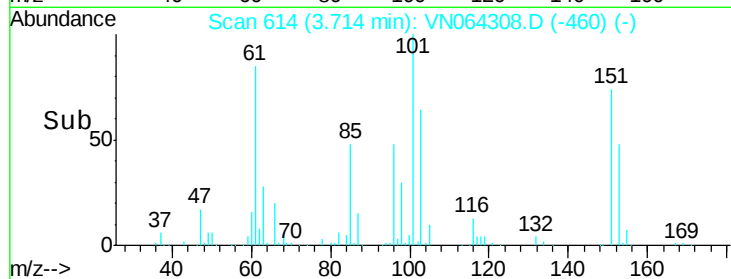
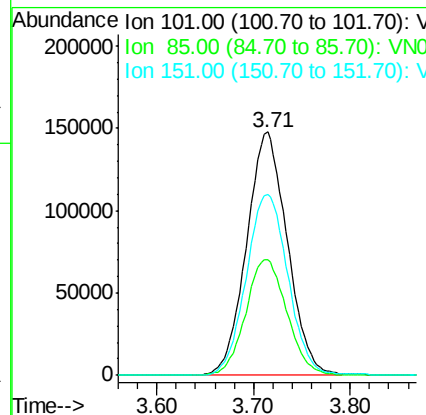
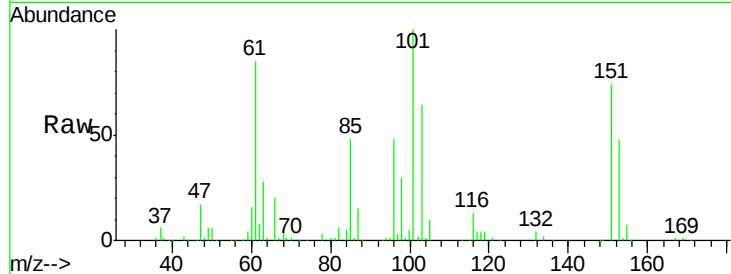
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 149.628 ug/l
 RT: 3.71 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: VN064308.D
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Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	48.1	0.0	96.2
151	76.3	0.0	154.4

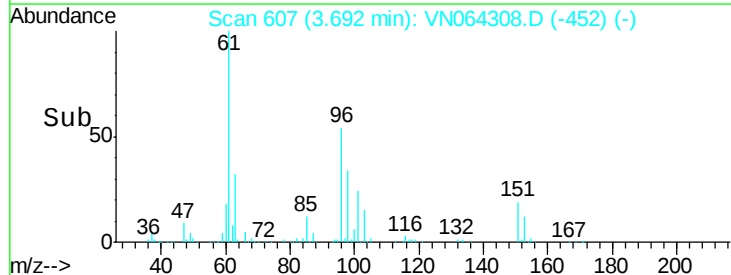
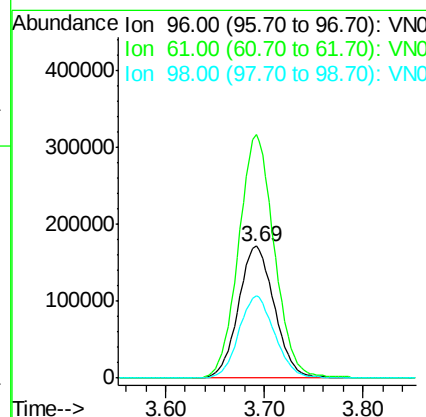
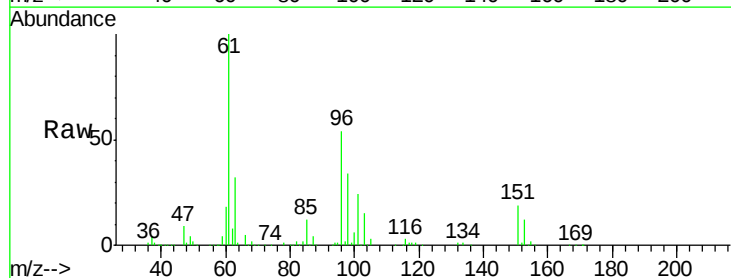
Manual Integrations
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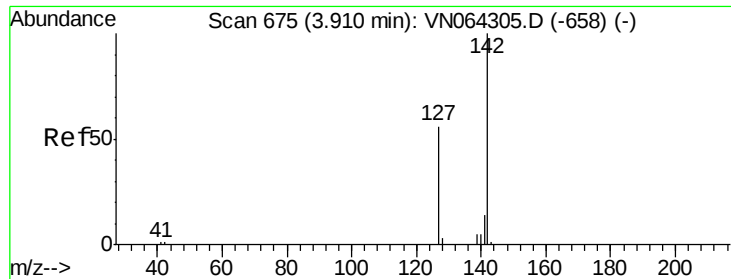
MMDadoda
 10/27/2020 2:21:11 PM



#10
 1,1-Dichloroethene
 Concen: 155.775 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	184.7	147.4	221.2
98	62.6	48.8	73.2





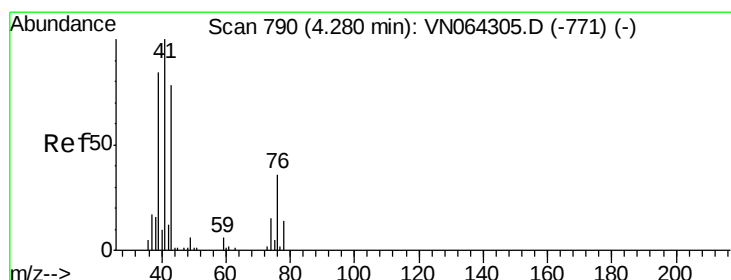
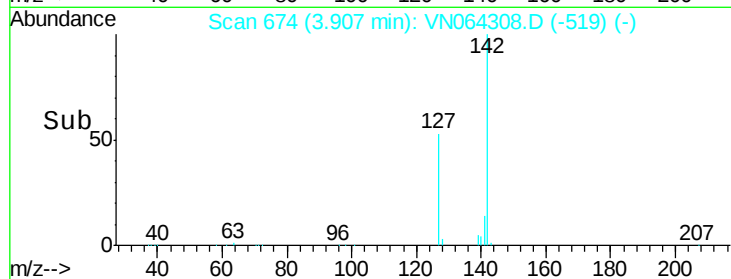
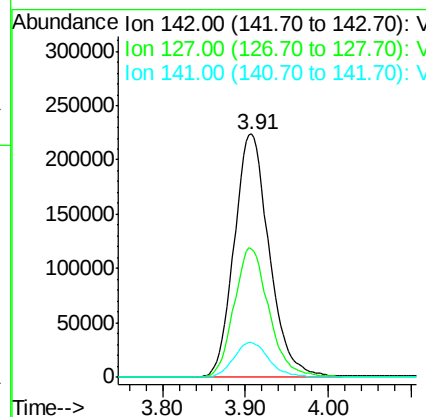
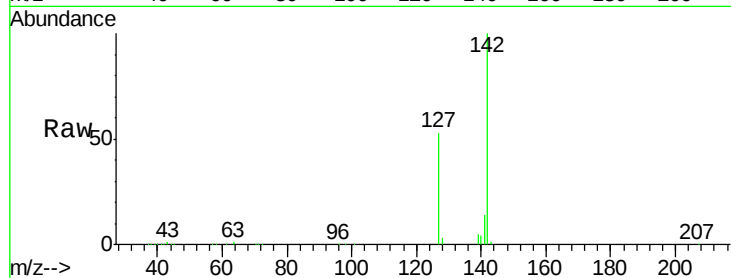
#11
Methyl Iodide
Concen: 164.801 ug/l
RT: 3.91 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	52.8	27.9	83.7
141	14.2	7.1	21.3

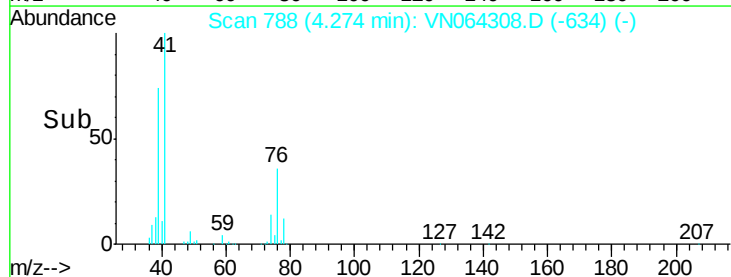
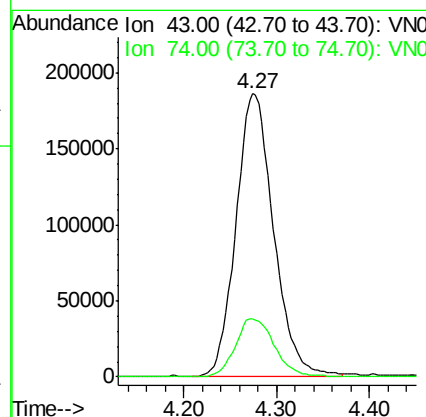
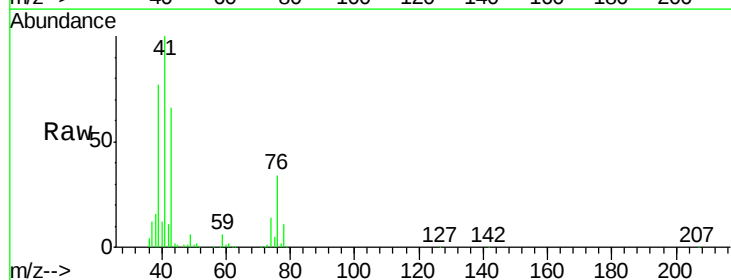
Manual Integrations
APPROVED

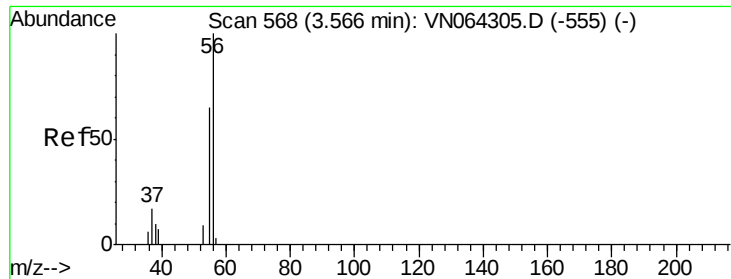
MMDadoda
10/27/2020 2:21:11 PM



#12
Methyl Acetate
Concen: 157.995 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	15.4	23.0





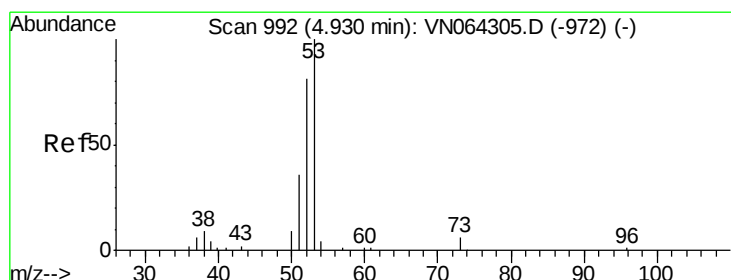
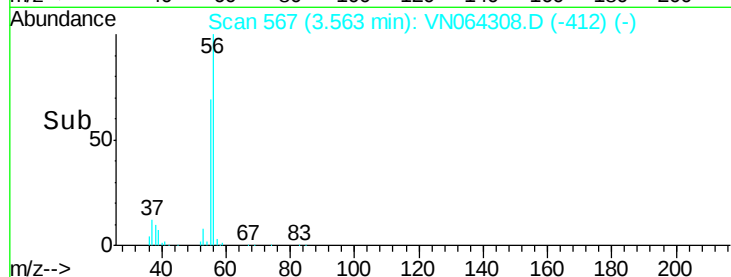
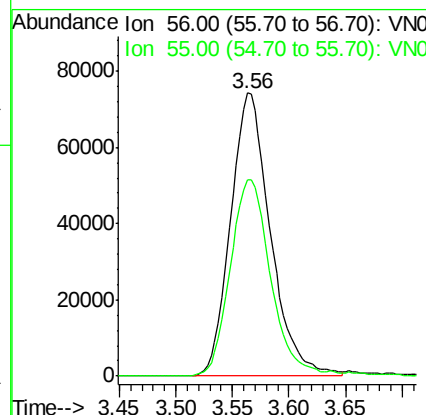
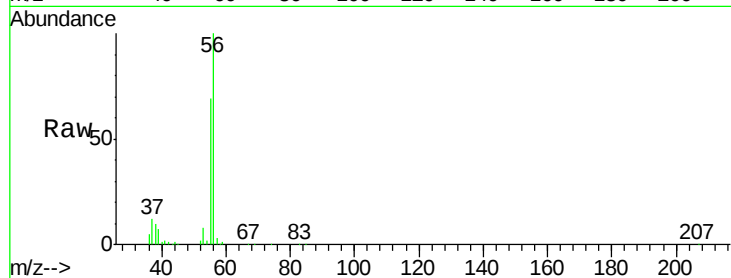
#13
Acrolein
Concen: 697.836 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	55.5	83.3

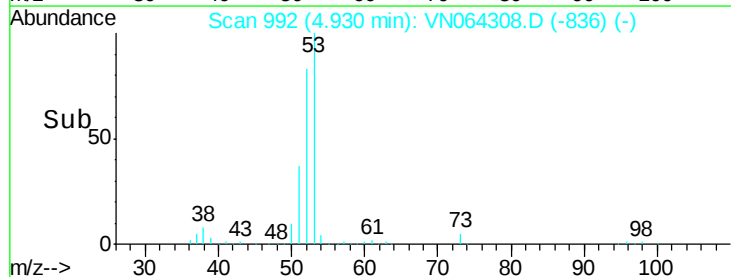
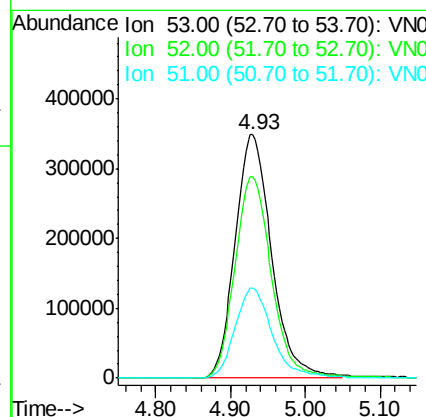
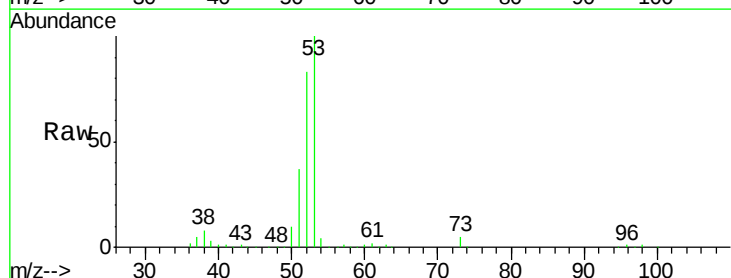
Manual Integrations
APPROVED

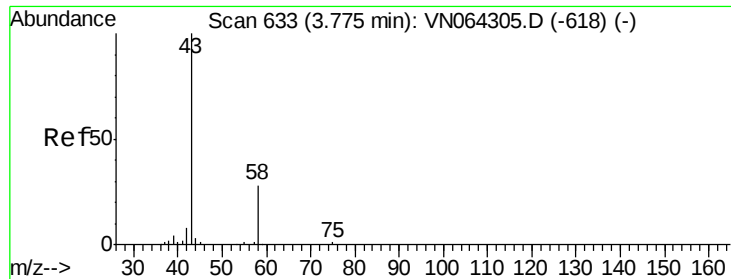
MMDadoda
10/27/2020 2:21:11 PM



#14
Acrylonitrile
Concen: 904.241 ug/l
RT: 4.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	41.7	125.1
51	37.6	19.4	58.2





#15

Acetone

Concen: 732.090 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 293268

Ion Ratio Lower Upper

58 100

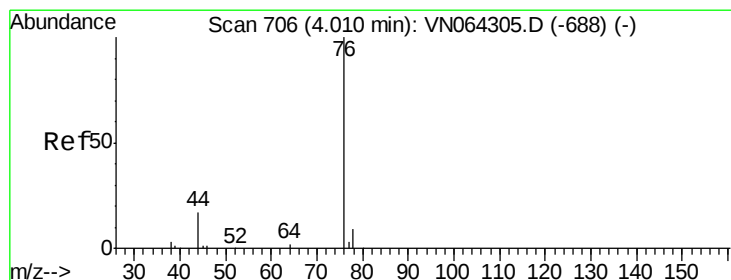
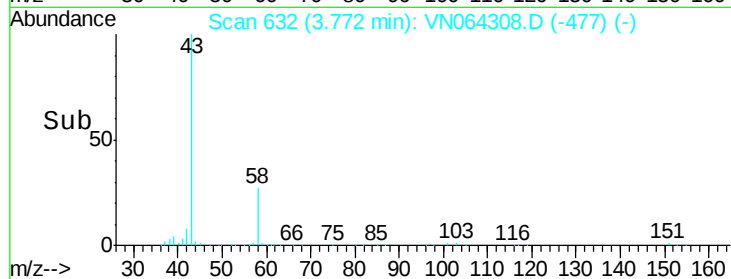
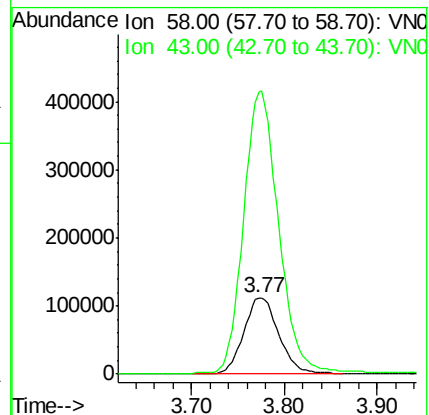
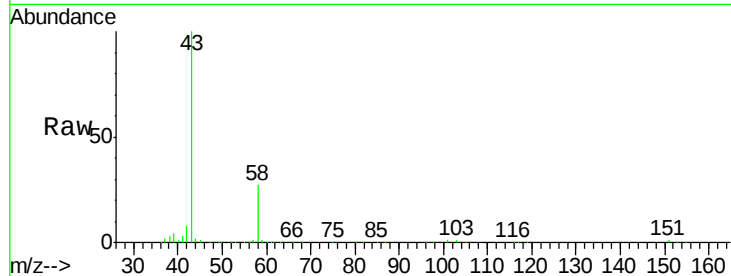
43 368.5 289.9 434.9

Manual Integrations

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#16

Carbon Disulfide

Concen: 160.375 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064308.D

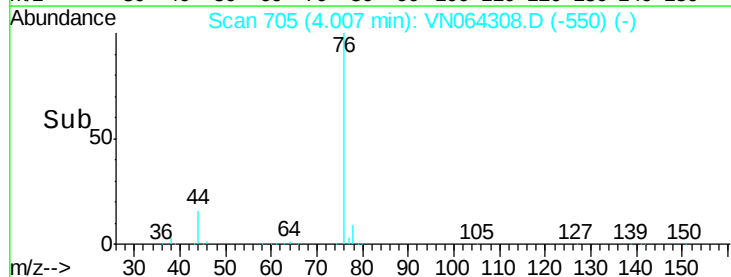
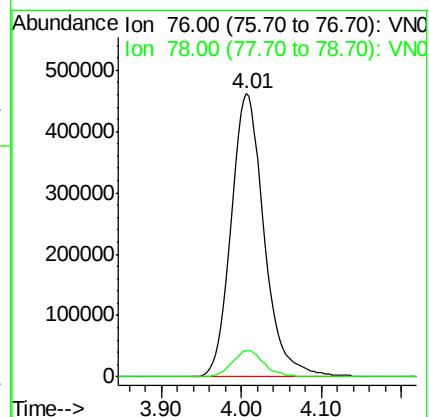
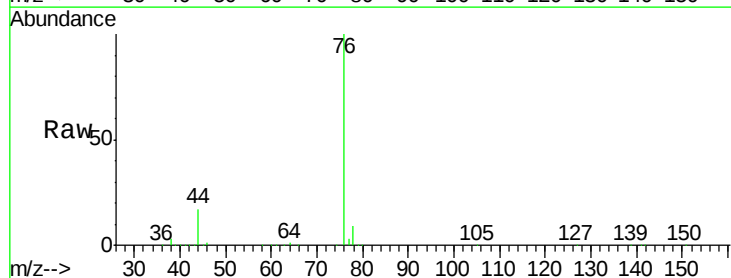
Acq: 26 Oct 2020 17:29

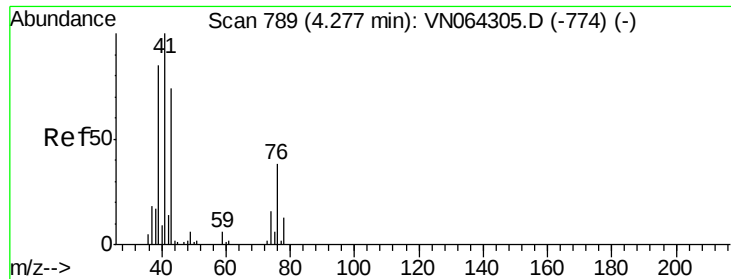
Tgt Ion: 76 Resp: 1296968

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4





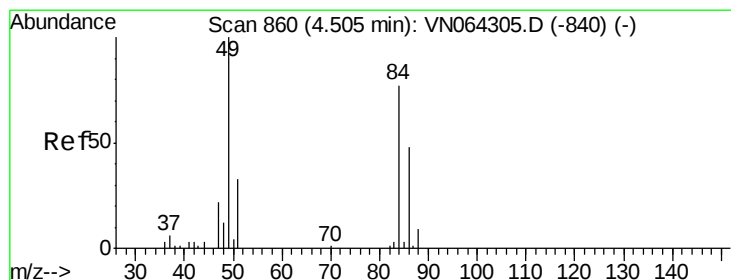
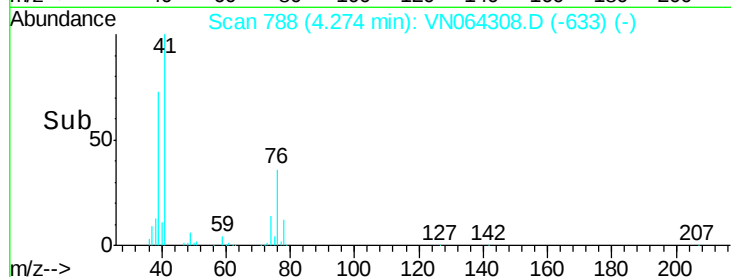
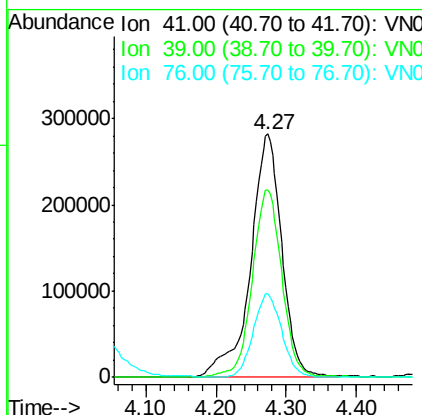
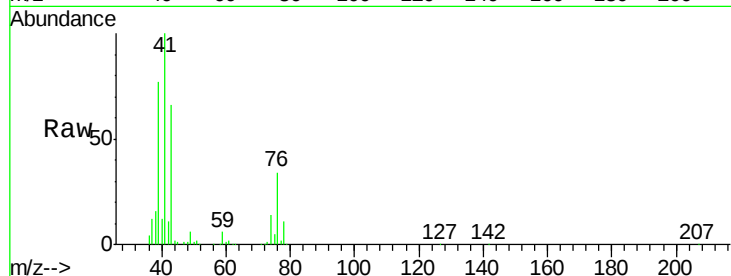
#17
Allvl chloride
Concen: 162.576 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.0	40.3	120.9
76	34.1	17.6	52.9

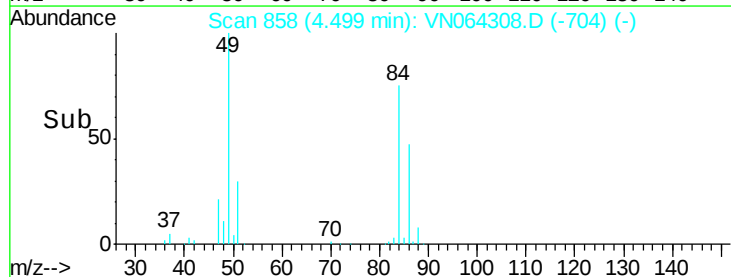
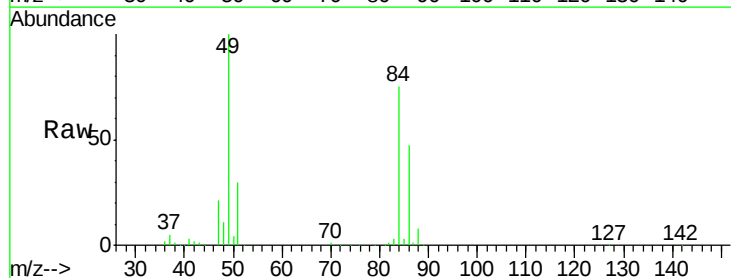
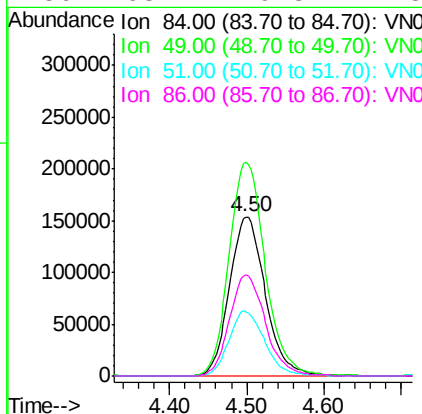
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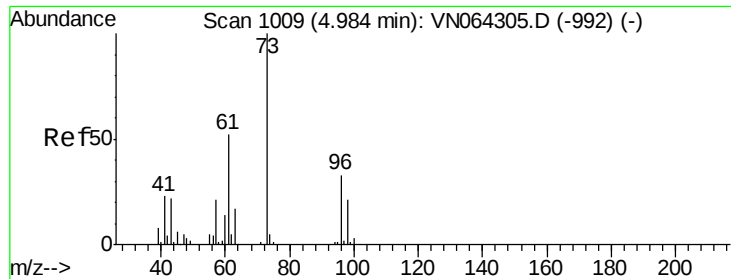
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#18
Methylene Chloride
Concen: 151.030 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.0	103.1	154.7
51	40.6	33.8	50.8
86	63.4	49.8	74.8





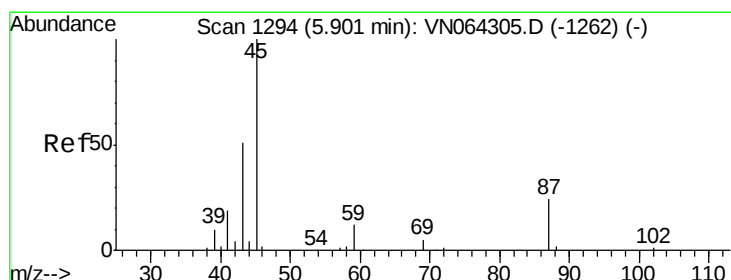
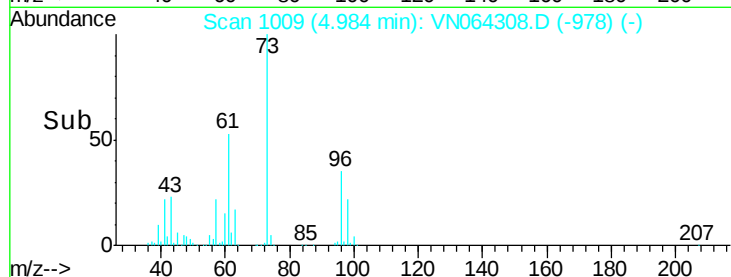
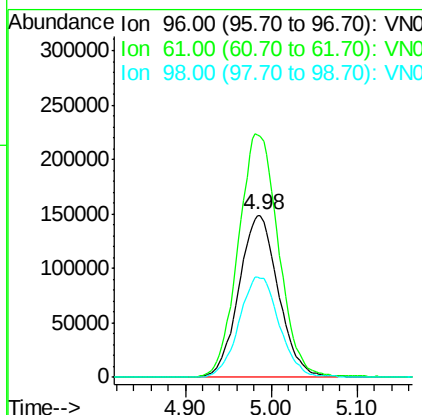
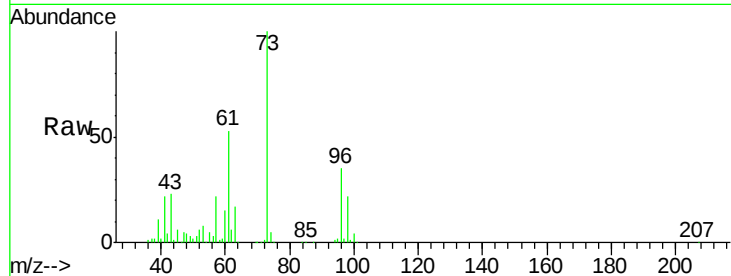
#19
trans-1,2-Dichloroethene
Concen: 152.026 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	126.9	190.3
98	61.7	50.6	76.0

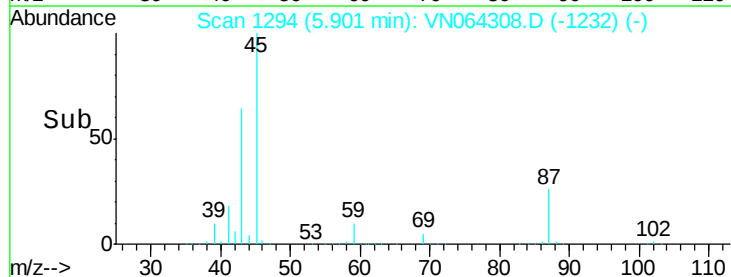
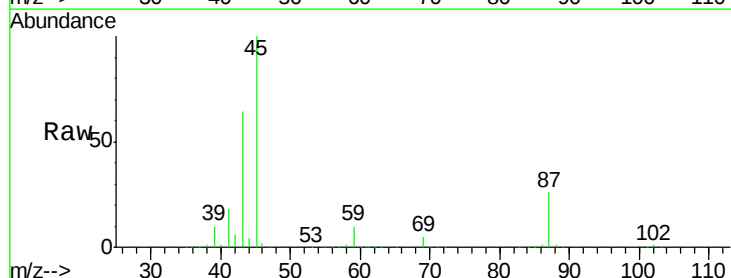
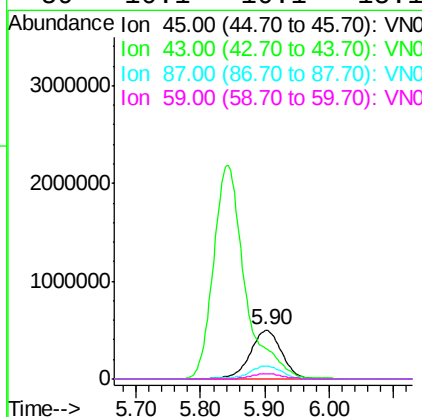
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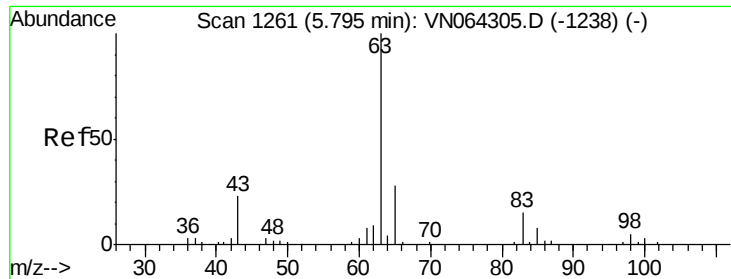
MMDadoda
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#20
Diisopropyl ether
Concen: 165.975 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.4	56.6	85.0
87	26.1	20.3	30.5
59	10.1	10.1	15.1





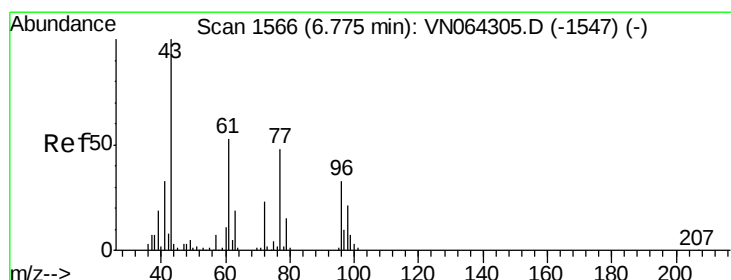
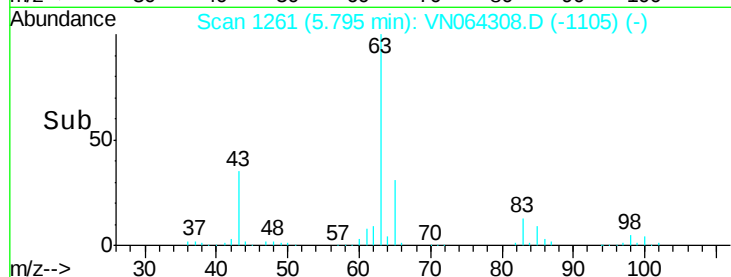
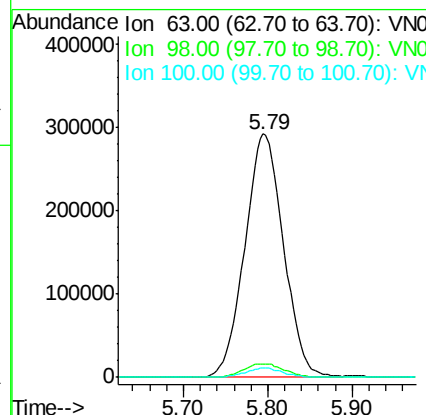
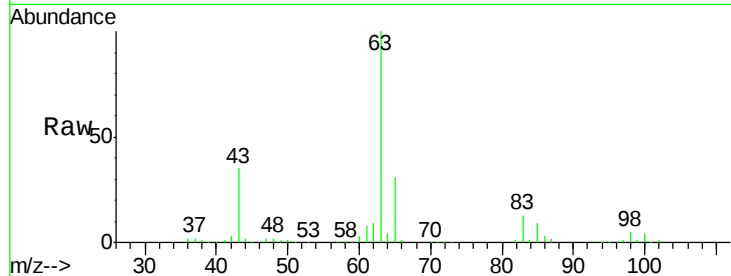
#21
 1,1-Dichloroethane
 Concen: 153.288 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	5.4		2.6	8.0	
100	3.9		1.6	4.8	

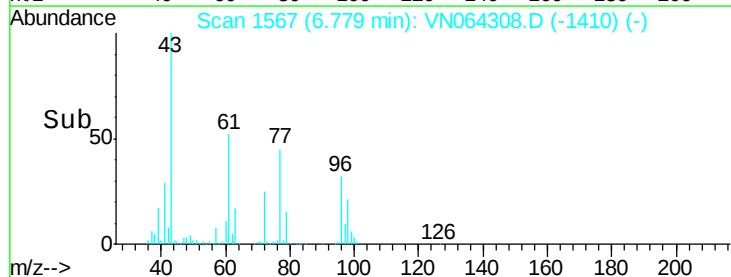
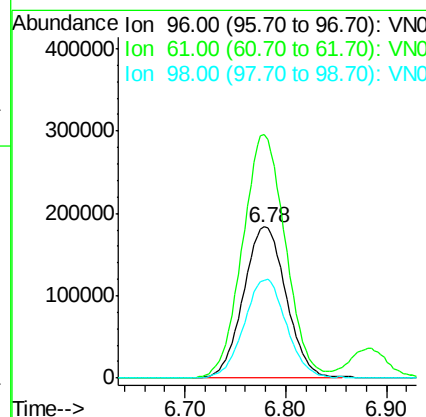
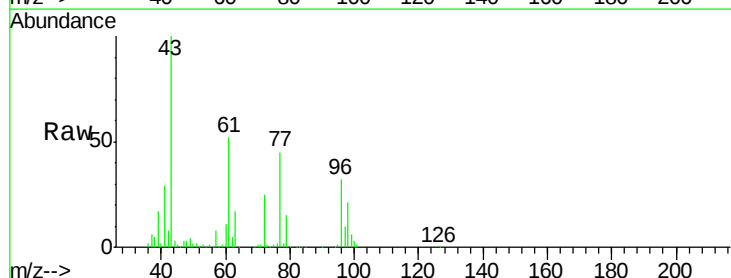
Manual Integrations
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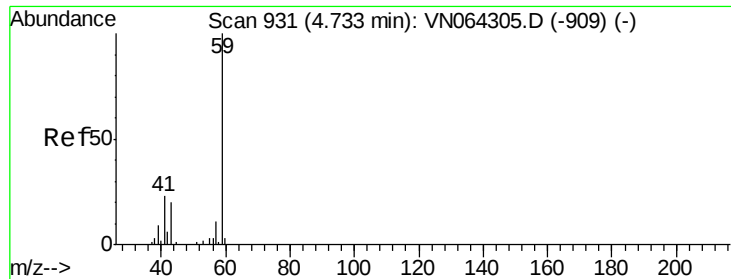
MMDadoda
 10/27/2020 2:21:11 PM



#22
 cis-1,2-Dichloroethene
 Concen: 149.452 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	161.6		133.0	199.6	
98	64.6		51.6	77.4	





#23

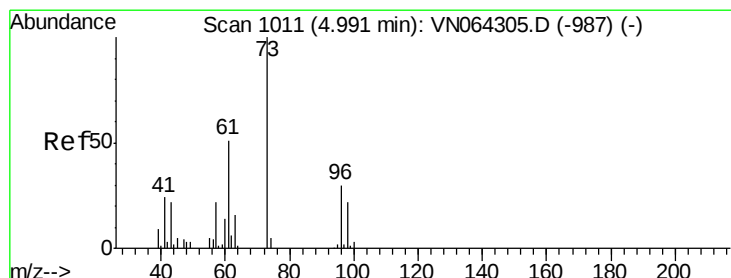
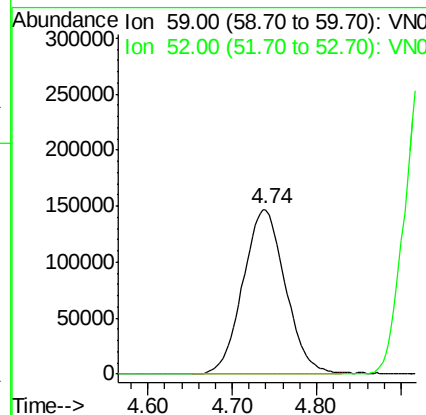
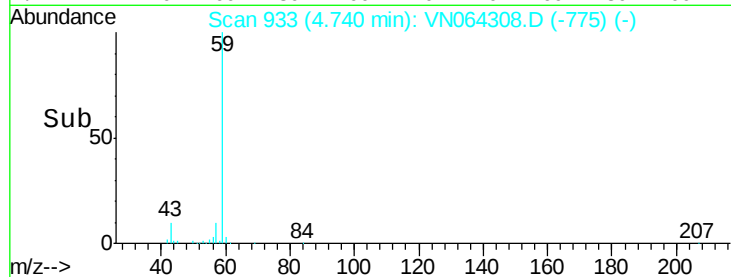
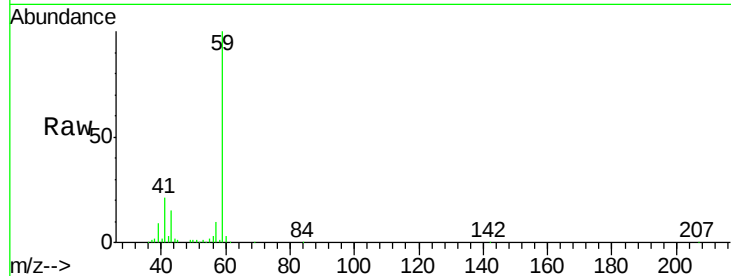
tert-Butyl Alcohol
Concen: 853.336 ug/l
RT: 4.74 min Scan# 933
Delta R.T. 0.01 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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

Manual Integrations
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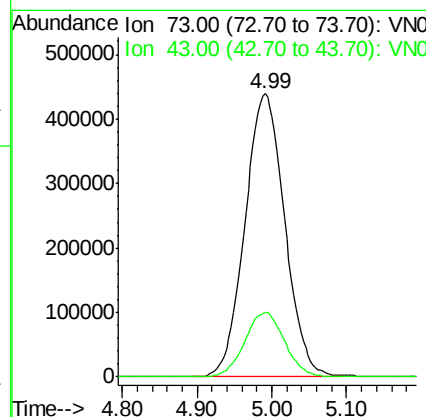
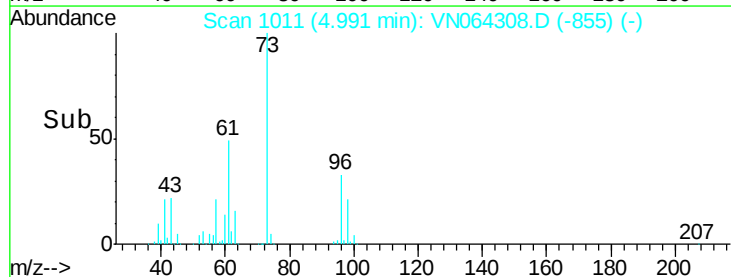
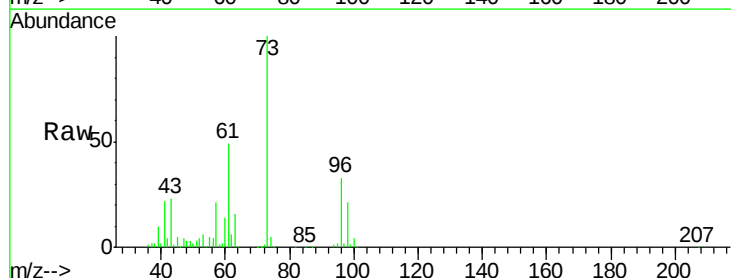
MMDadoda
10/27/2020 2:21:11 PM

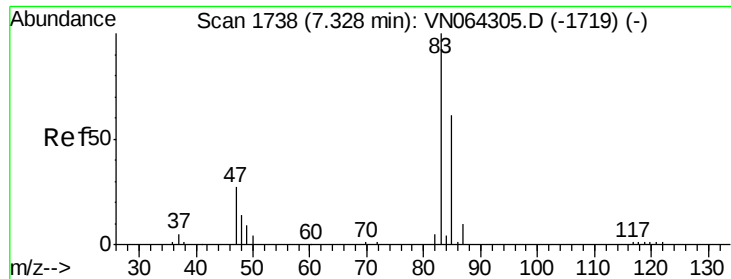


#24

Methyl tert-Butyl Ether
Concen: 163.776 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.7	19.4	29.2





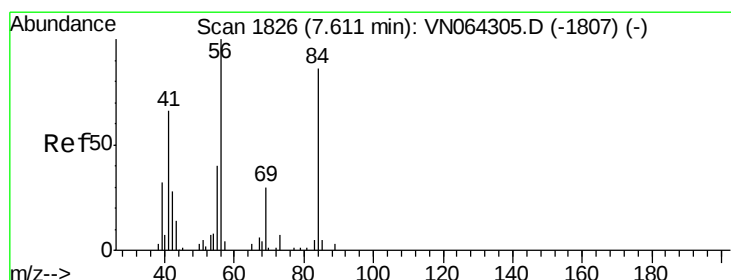
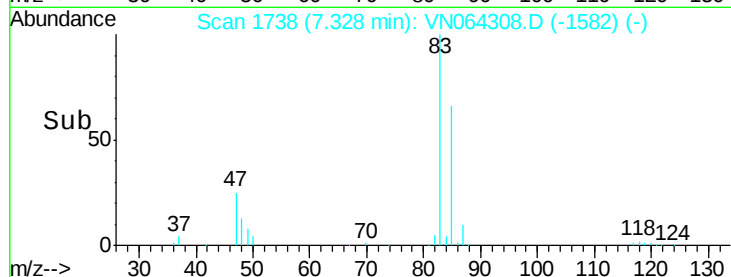
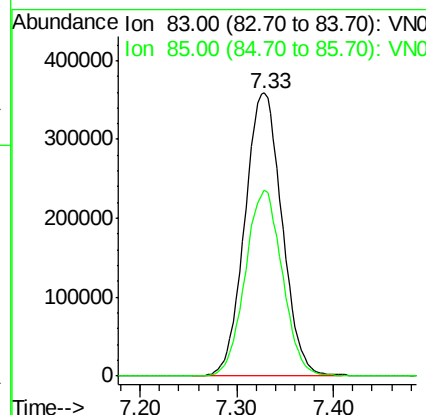
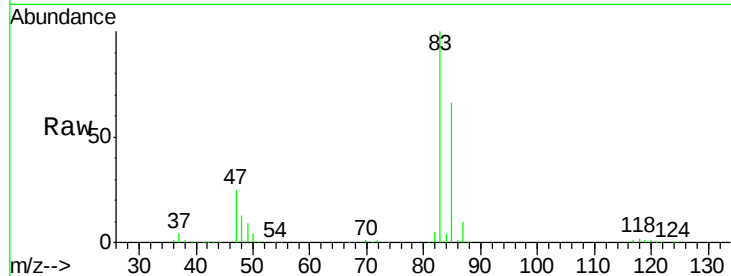
#25
Chloroform
Concen: 146.639 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 960200
Ion Ratio Lower Upper
83 100
85 65.6 48.6 73.0

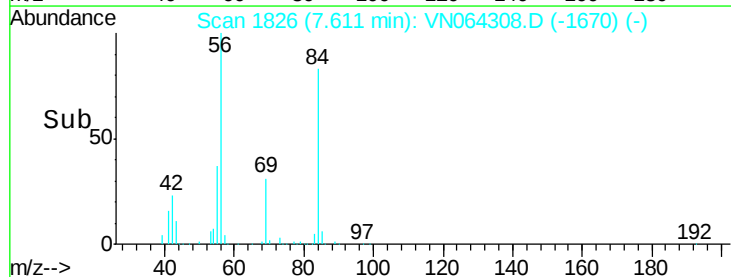
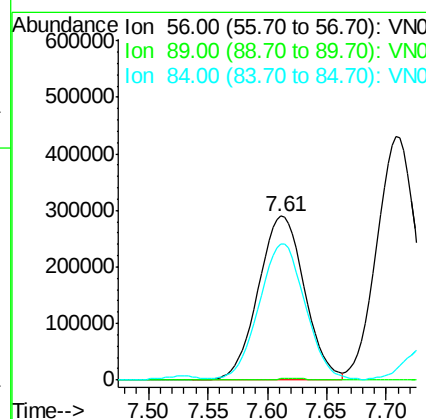
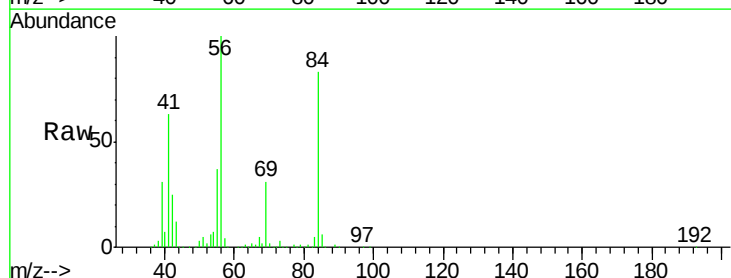
Manual Integrations
APPROVED

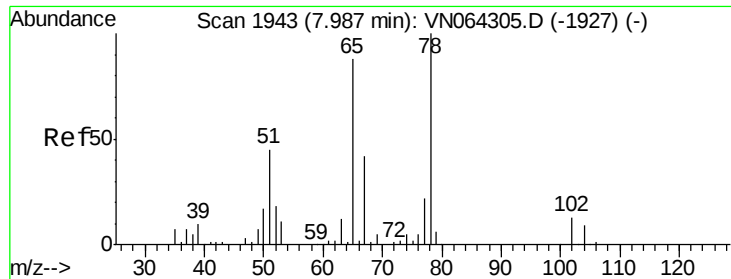
MMDadoda
10/27/2020 2:21:11 PM



#26
Cyclohexane
Concen: 165.563 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion: 56 Resp: 782612
Ion Ratio Lower Upper
56 100
89 0.8 1.0 1.6#
84 83.0 67.5 101.3





#27

1,2-Dichloroethane-d4

Concen: 28.840 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 129662

Ion Ratio Lower Upper

65 100

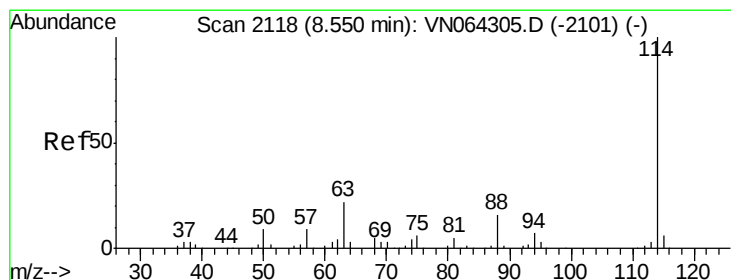
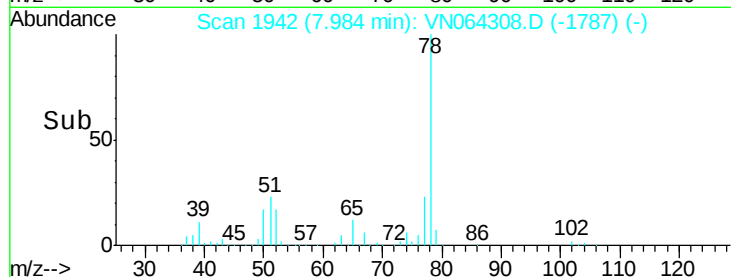
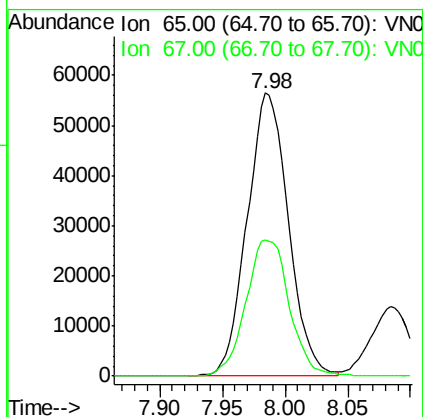
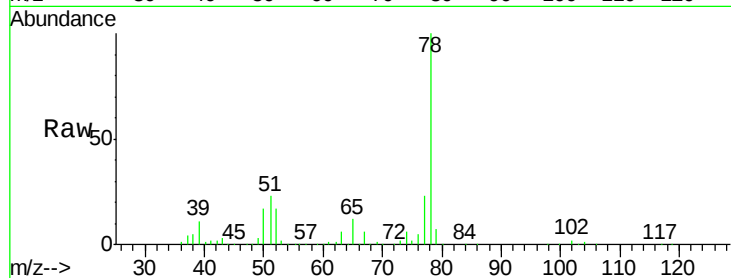
67 50.5 38.5 57.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

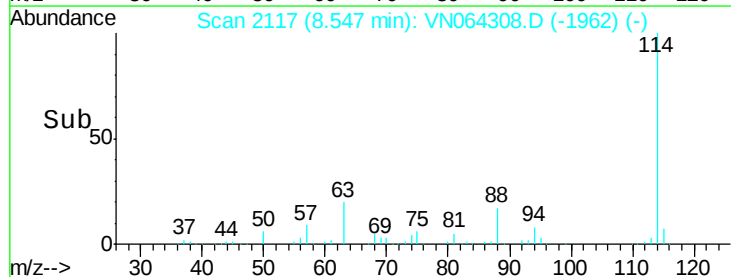
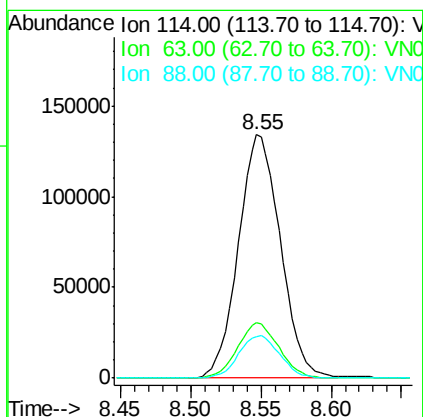
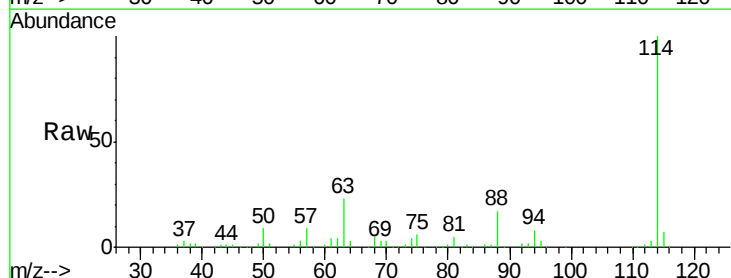
Tgt Ion: 114 Resp: 279625

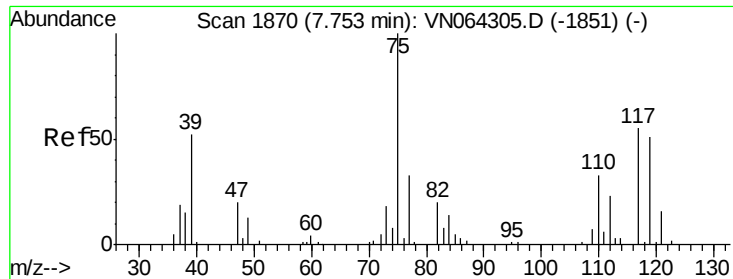
Ion Ratio Lower Upper

114 100

63 22.2 18.3 27.5

88 17.1 13.2 19.8





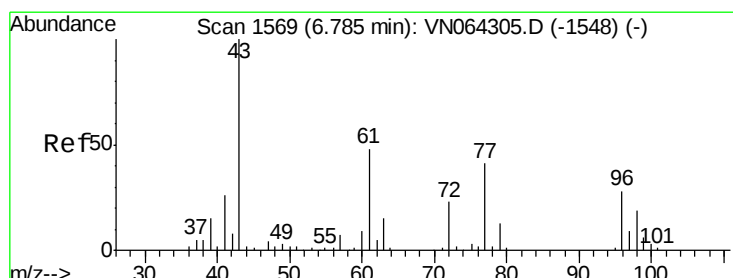
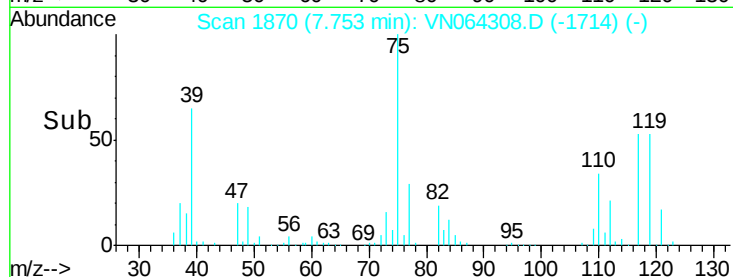
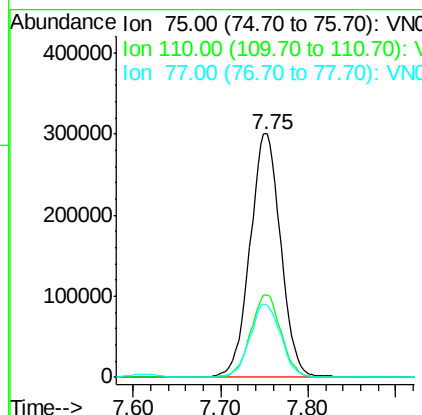
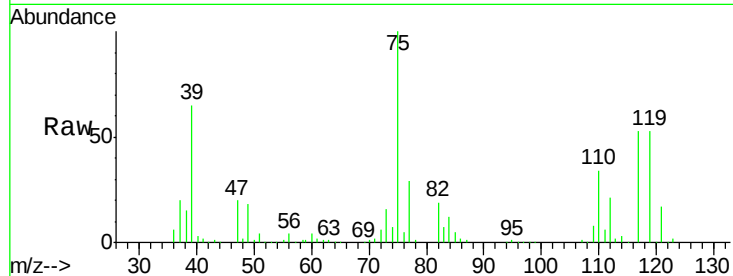
#29
 1,1-Dichloropropene
 Concen: 154.376 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.4	0.0	64.4
77	30.4	0.0	63.6

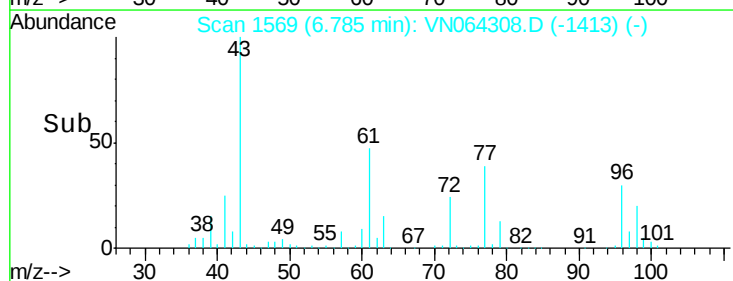
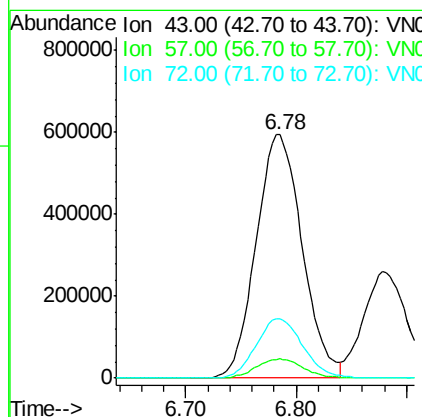
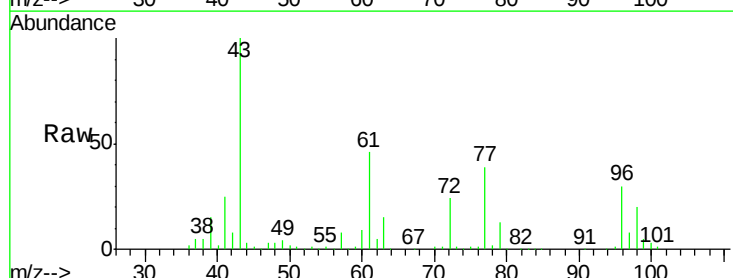
Manual Integrations
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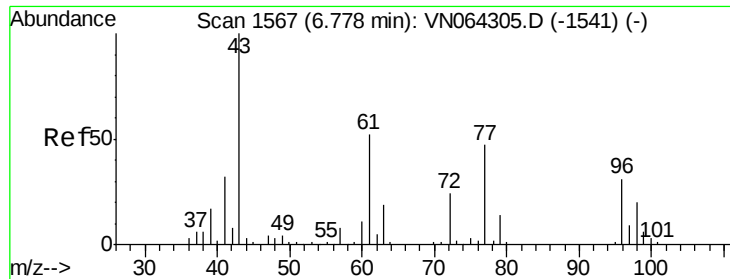
MMDadoda
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#30
 2-Butanone
 Concen: 812.793 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	4.1	6.1#
72	24.8	19.0	28.6





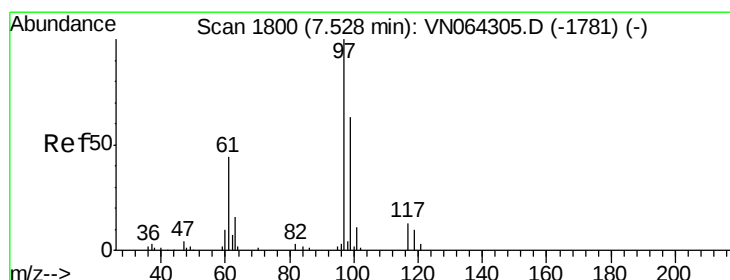
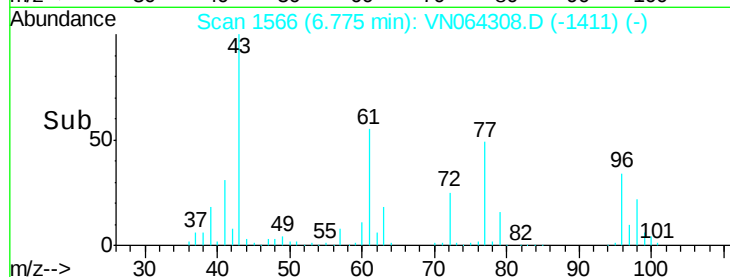
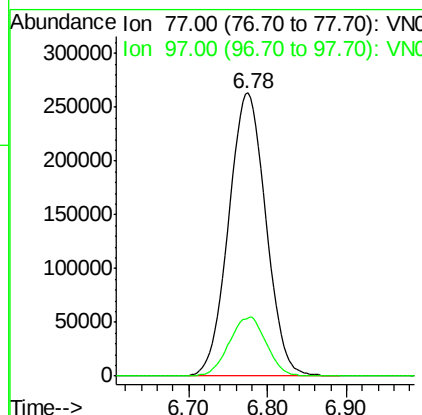
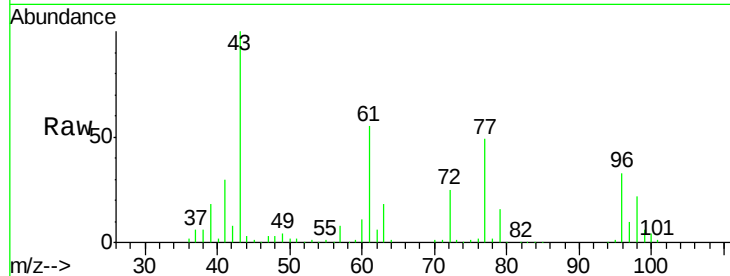
#31
 2,2-Dichloropropane
 Concen: 146.043 ug/l m
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
77	100		
97	0.0	5.8	8.8#

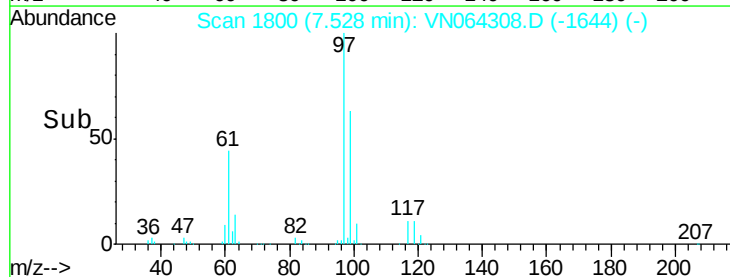
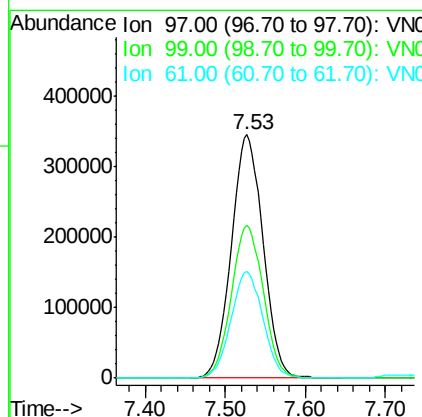
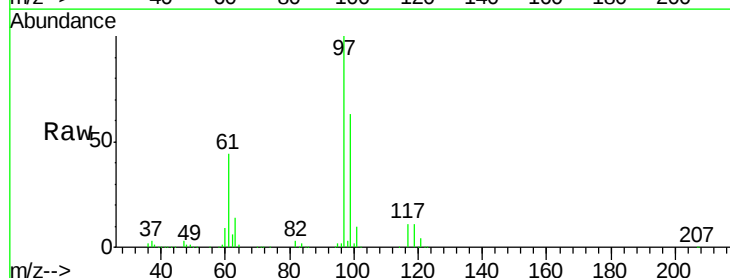
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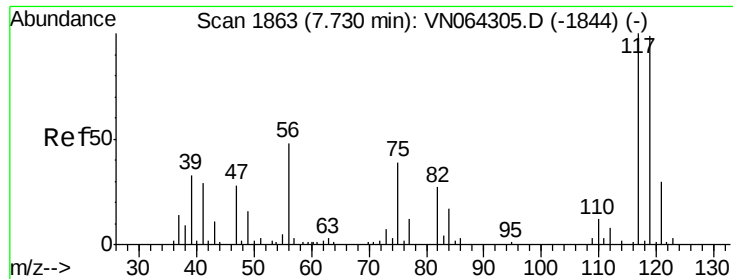
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 153.785 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.6	77.4
61	44.2	36.4	54.6





#33

Carbon Tetrachloride

Concen: 154.931 ug/l

RT: 7.73 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:117 Resp: 840573

Ion Ratio Lower Upper

117 100

119 95.0 79.3 118.9

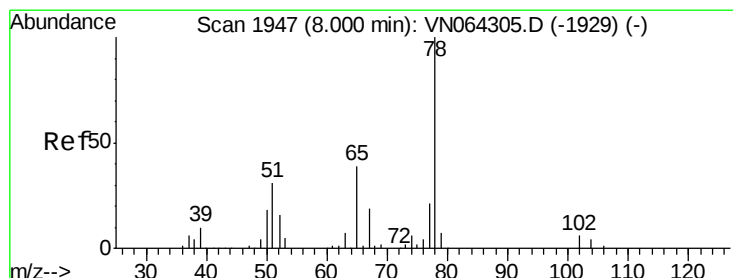
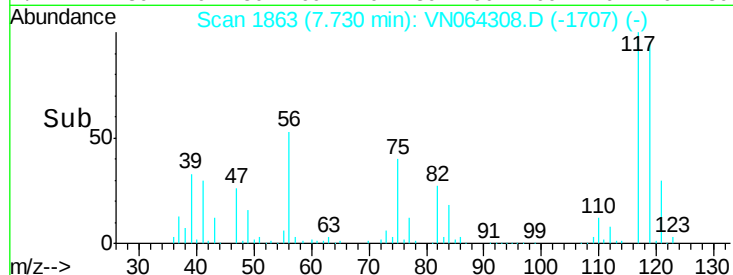
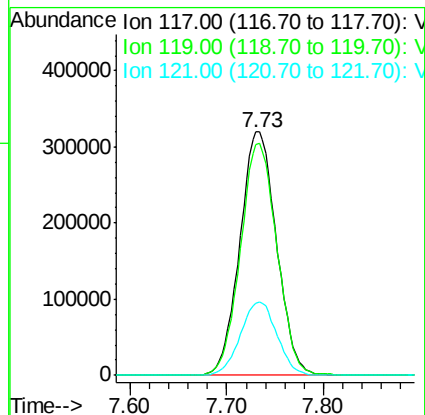
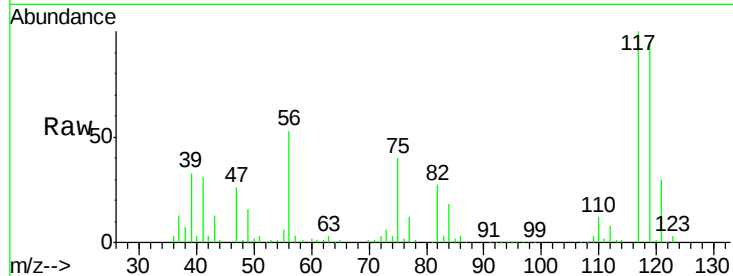
121 29.9 24.6 37.0

Manual Integrations

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#34

Benzene

Concen: 154.765 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

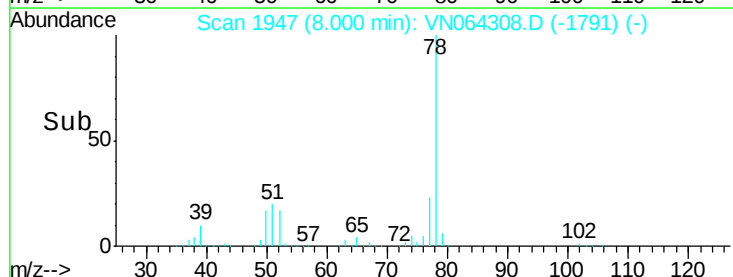
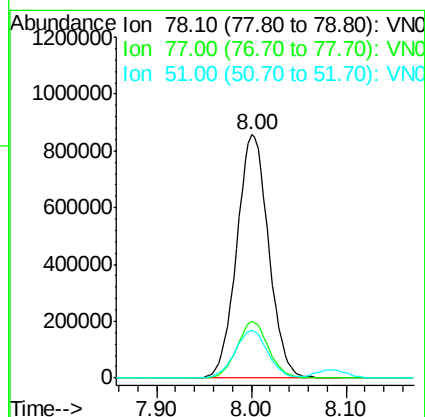
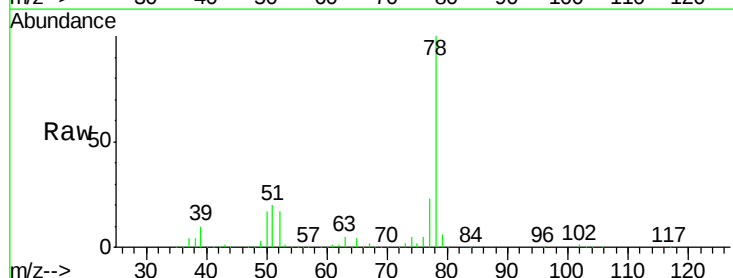
Tgt Ion: 78 Resp: 2003046

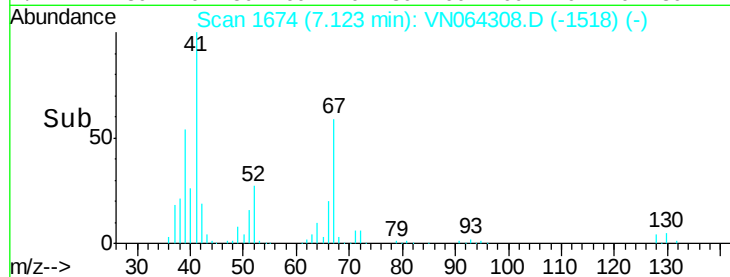
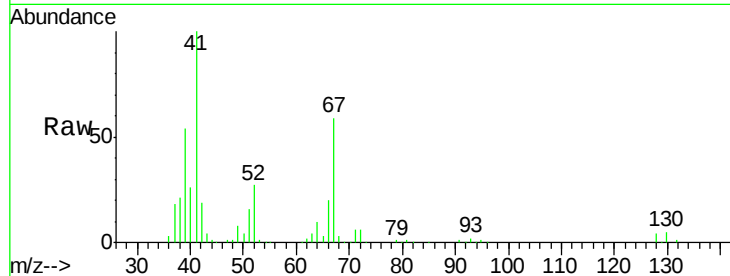
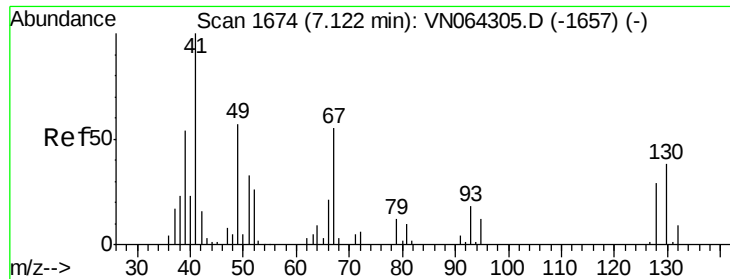
Ion Ratio Lower Upper

78 100

77 23.1 16.5 24.7

51 19.6 24.5 36.7#





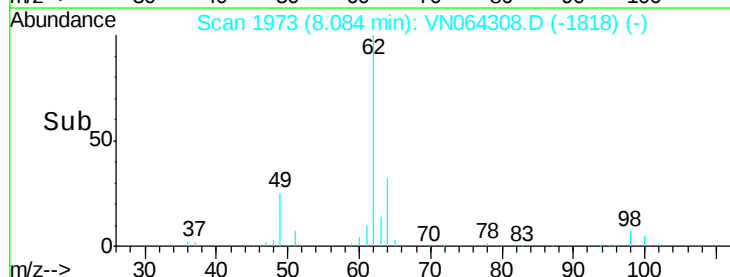
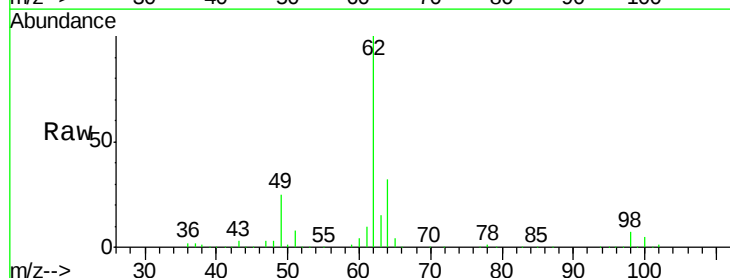
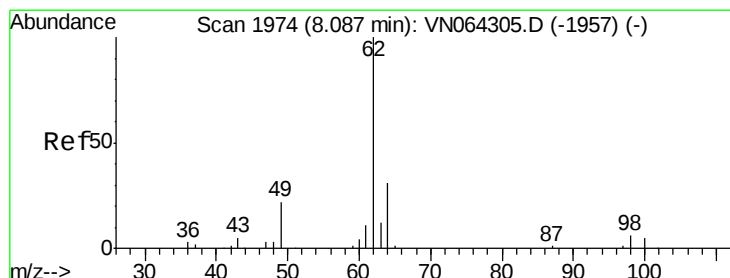
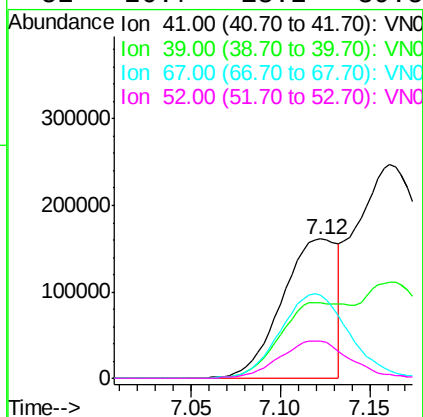
#35
Methacrylonitrile
Concen: 162.381 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	54.1	27.1	81.2	
67	59.6	27.7	83.1	
52	26.7	13.2	39.5	

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

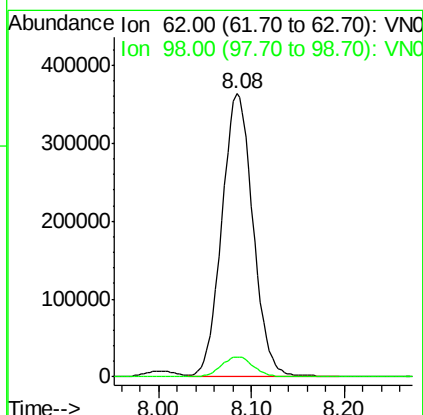
Manual Integrations
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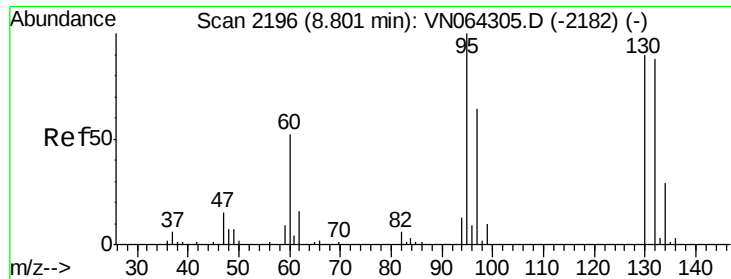
MMDadoda
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#36
1,2-Dichloroethane
Concen: 150.844 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.2	3.4	5.0#	





#37

Trichloroethene

Concen: 154.196 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 544611

Ion Ratio Lower Upper

130 100

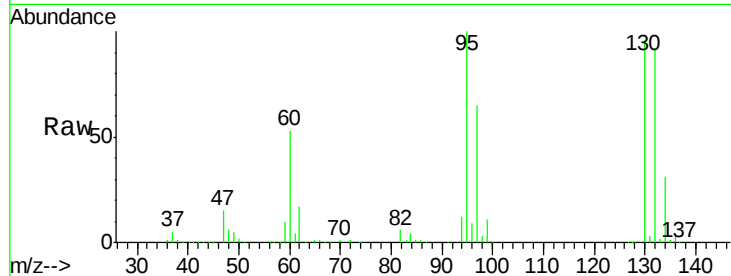
95 104.5 88.8 133.2

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

250000

200000

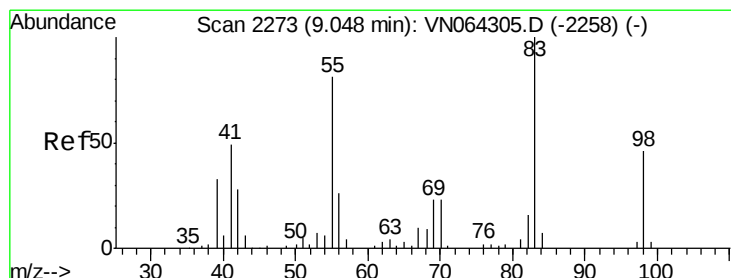
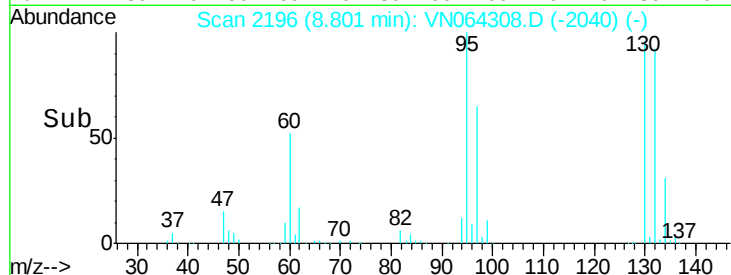
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 164.953 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

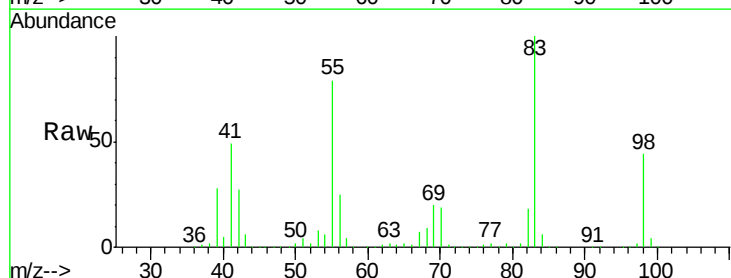
Tgt Ion: 83 Resp: 716935

Ion Ratio Lower Upper

83 100

55 79.6 40.3 120.8

98 45.2 22.8 68.3



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

400000

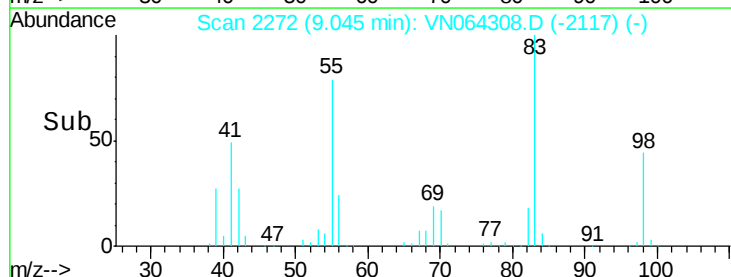
300000

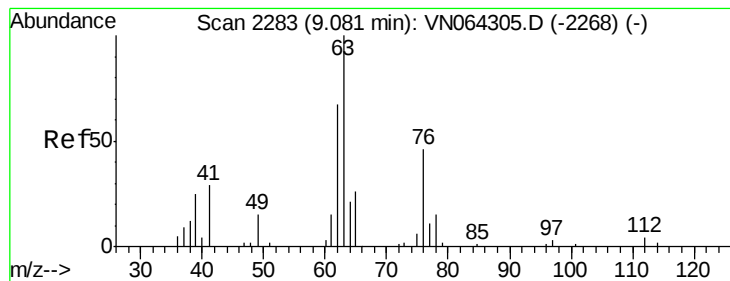
200000

100000

0

Time-->





#39

1,2-Dichloropropane

Concen: 153.809 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 536379

Ion Ratio Lower Upper

63 100

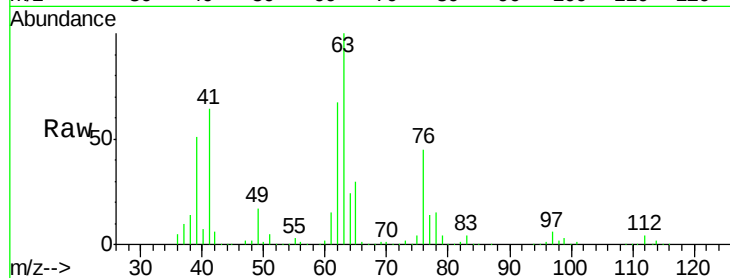
65 29.8 22.6 33.8

Manual Integrations

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Abundance Ion 63.00 (62.70 to 63.70): VN064308.D (-2127) (-)

Ion 65.00 (64.70 to 65.70): VN064308.D (-2127) (-)

9.08

250000

200000

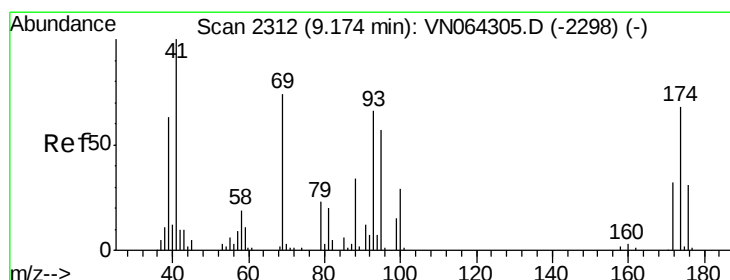
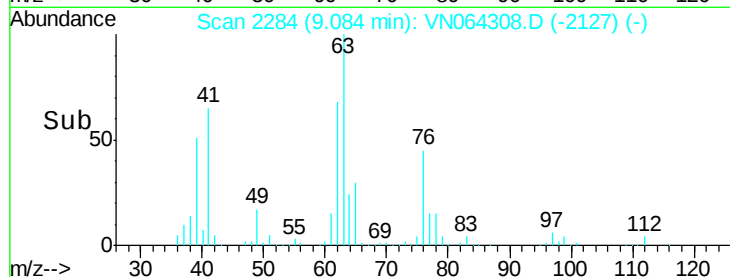
150000

100000

50000

0

Time-->



#40

Dibromomethane

Concen: 152.796 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

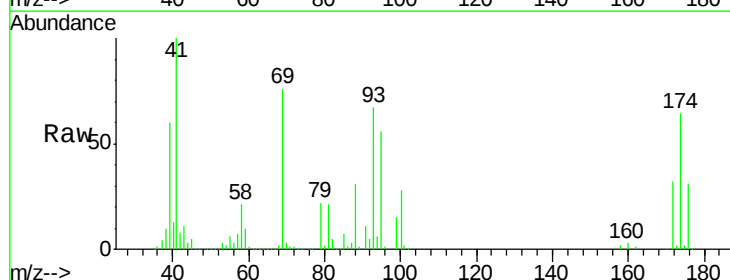
Tgt Ion: 93 Resp: 368695

Ion Ratio Lower Upper

93 100

95 84.1 0.0 174.4

174 95.3 0.0 188.0



Abundance Ion 93.00 (92.70 to 93.70): VN064308.D (-2156) (-)

Ion 95.00 (94.70 to 95.70): VN064308.D (-2156) (-)

Ion 174.00 (173.70 to 174.70): VN064308.D (-2156) (-)

9.17

250000

200000

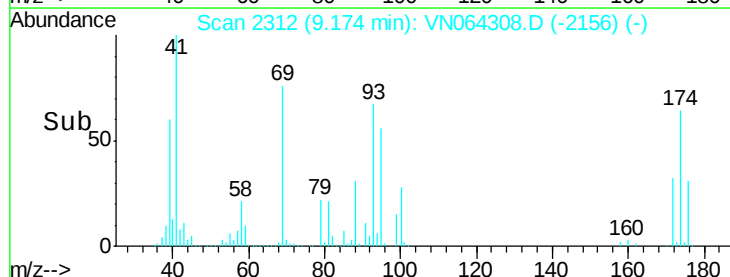
150000

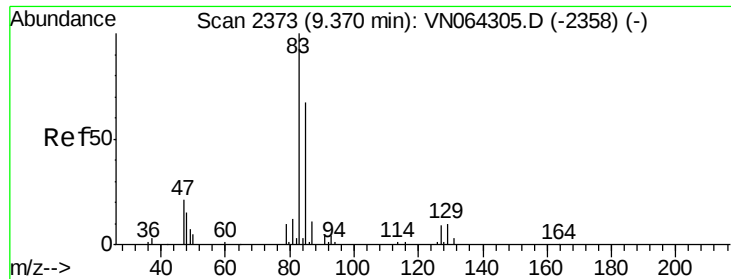
100000

50000

0

Time-->





#41

Bromodichloromethane

Concen: 154.888 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

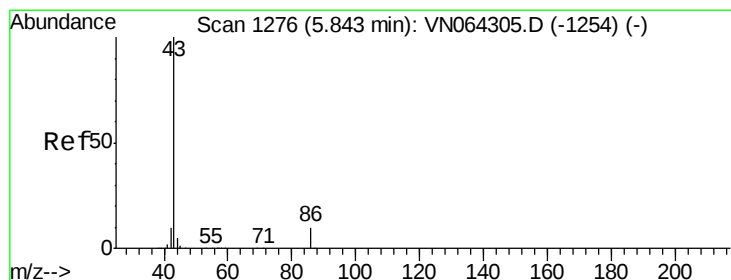
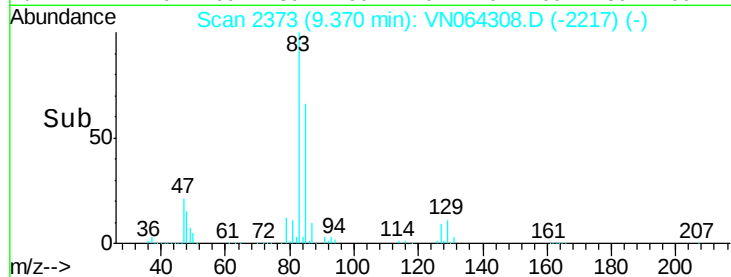
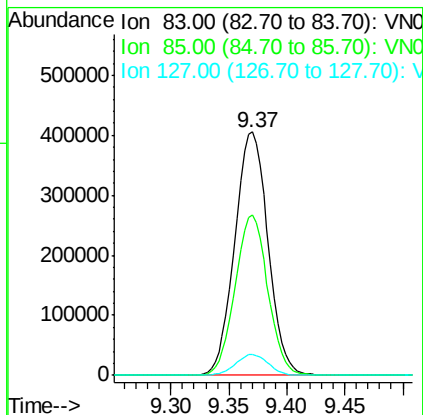
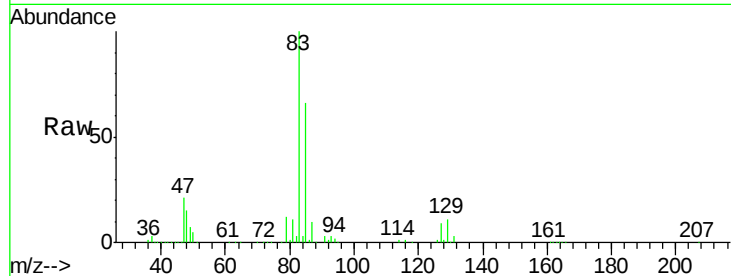
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	809206
Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.4	80.0
127	8.7	7.0	10.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 802.610 ug/l

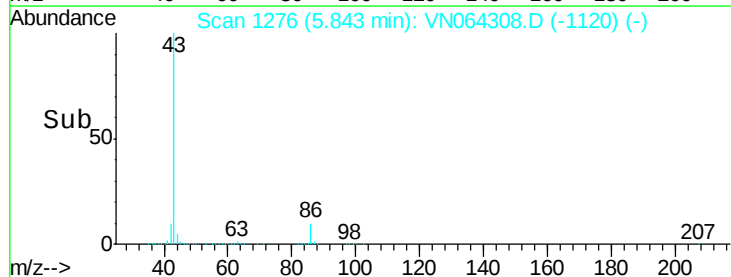
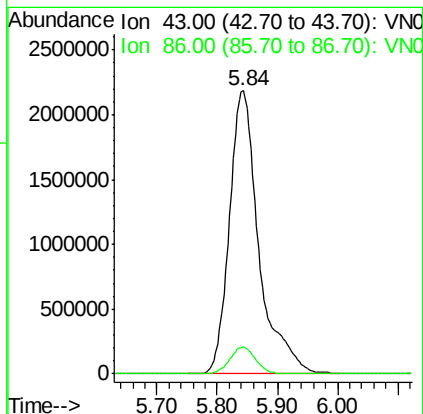
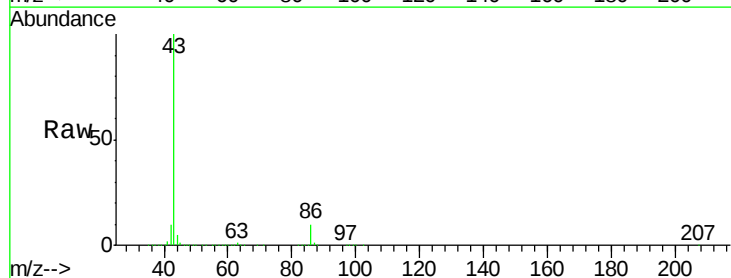
RT: 5.84 min Scan# 1276

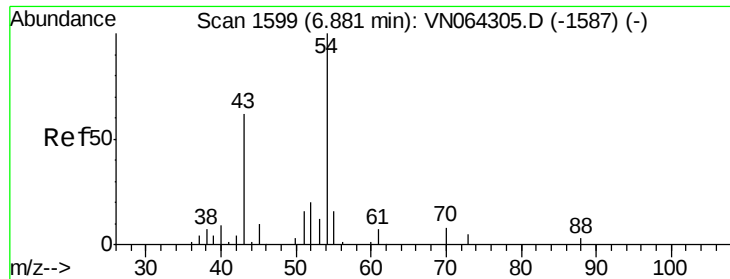
Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Tgt Ion:	43	Resp:	7461170
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.6	9.8





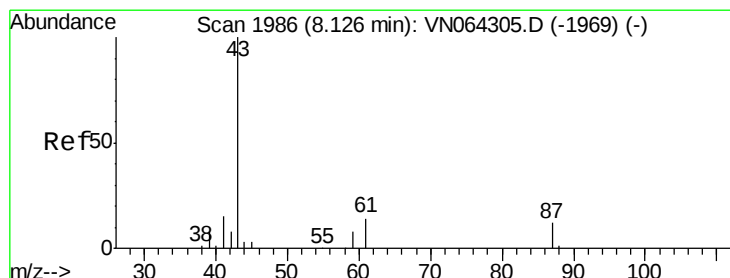
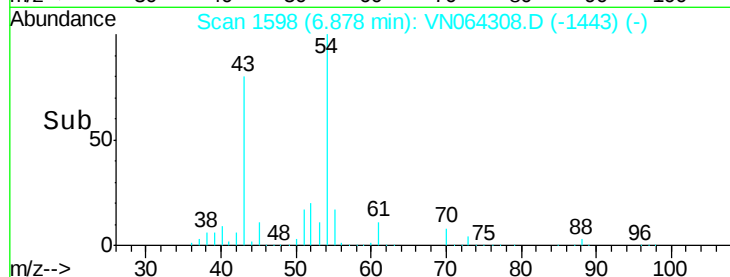
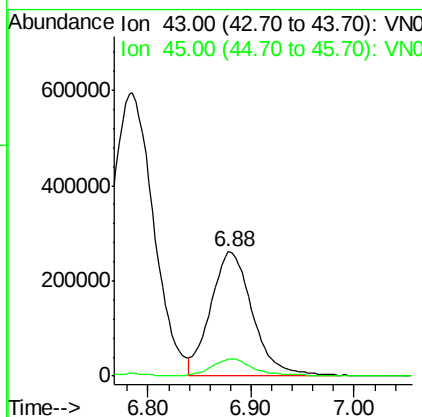
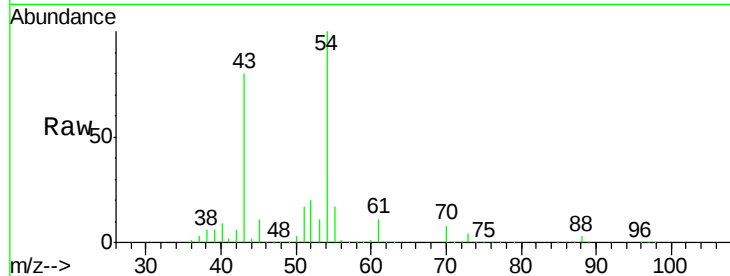
#43
Ethyl Acetate
Concen: 161.858 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 724365
Ion Ratio Lower Upper
43 100
45 14.5 4.0 6.0#

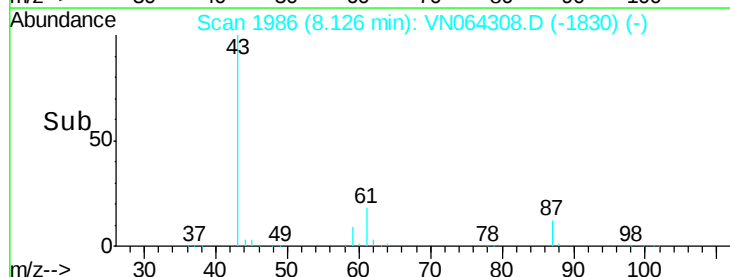
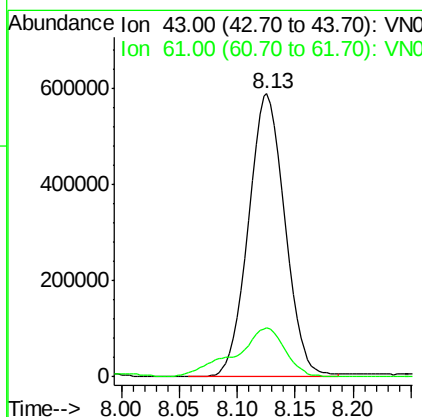
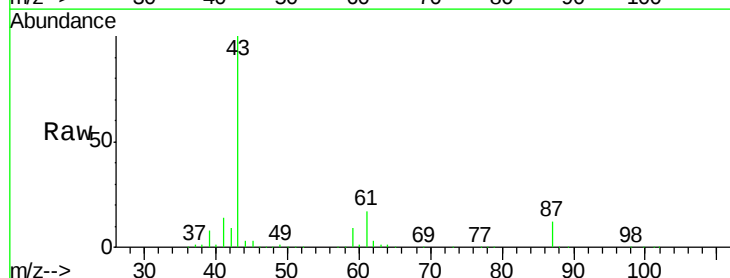
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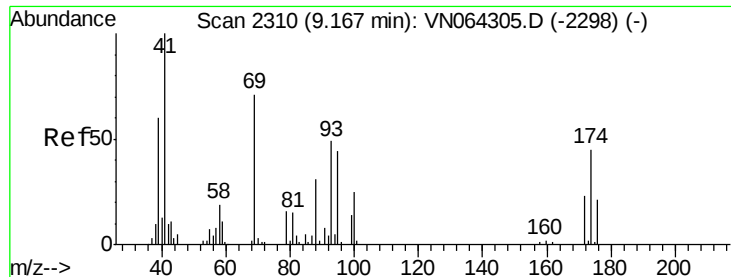
MMDadoda
10/27/2020 2:21:11 PM



#44
Isopropyl Acetate
Concen: 161.417 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion: 43 Resp: 1290886
Ion Ratio Lower Upper
43 100
61 23.6 14.3 21.5#





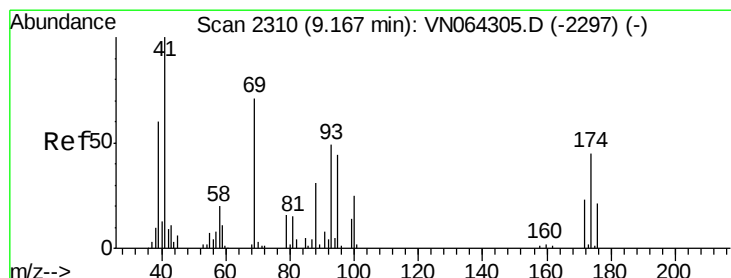
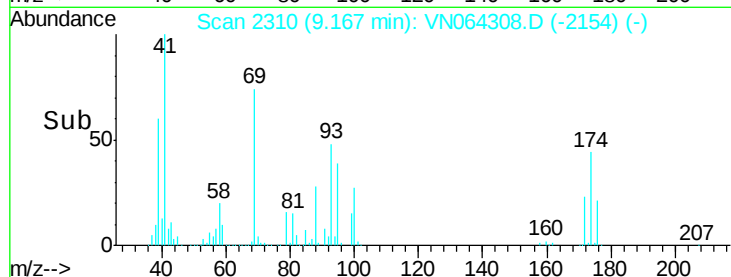
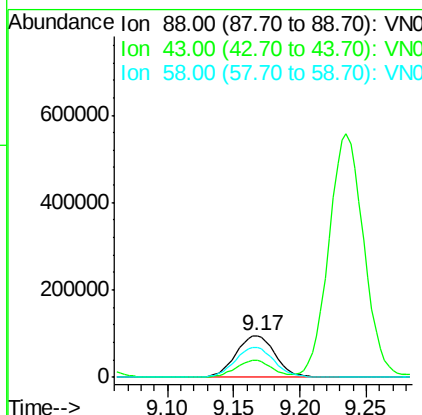
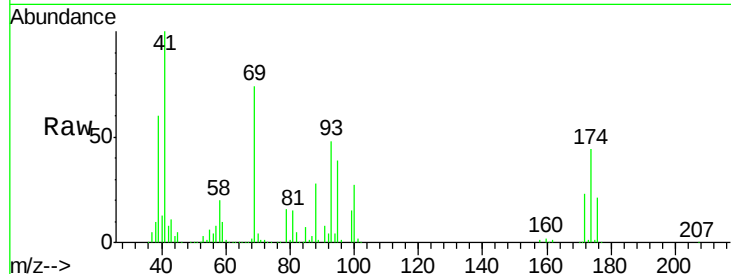
#45
 1,4-Dioxane
 Concen: 3820.023 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	196945		
43	37.1		31.2	46.8
58	71.8		55.4	83.2

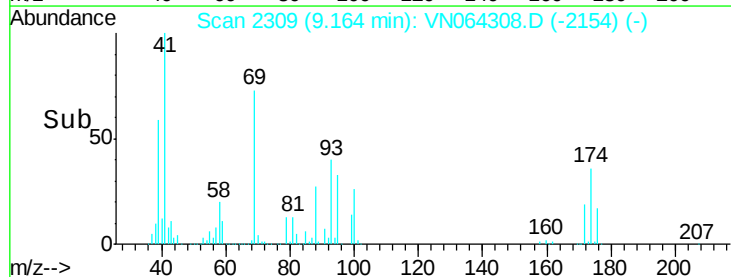
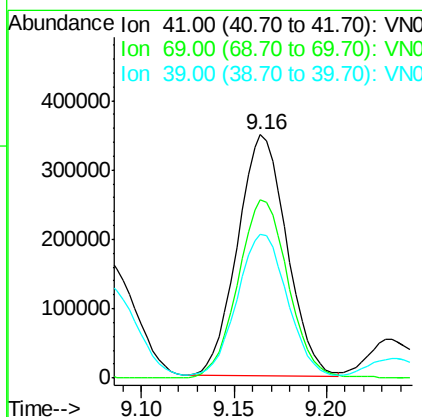
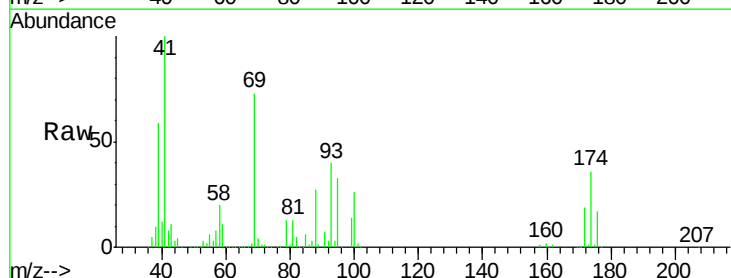
Manual Integrations
 APPROVED

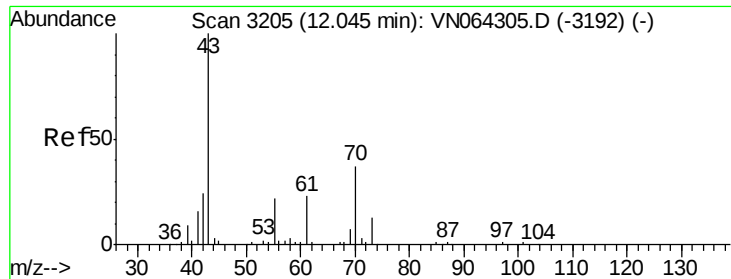
MMDadoda
 10/27/2020 2:21:11 PM



#46
 Methyl methacrylate
 Concen: 165.381 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	642899		
69	74.0		35.3	105.9
39	58.8		30.2	90.6





#47

n-amvl Acetate

Concen: 170.423 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1180373

Ion Ratio Lower Upper

43 100

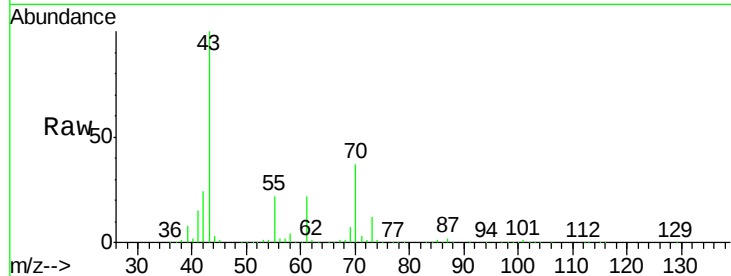
55 21.8 17.3 25.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.05

800000

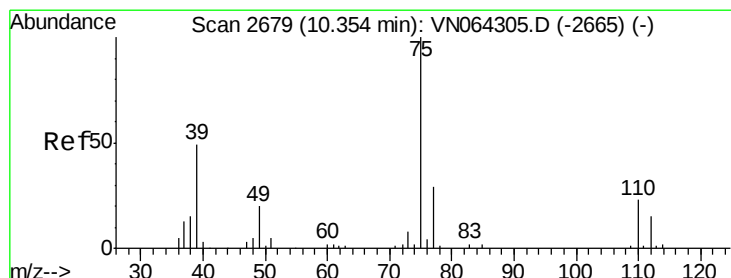
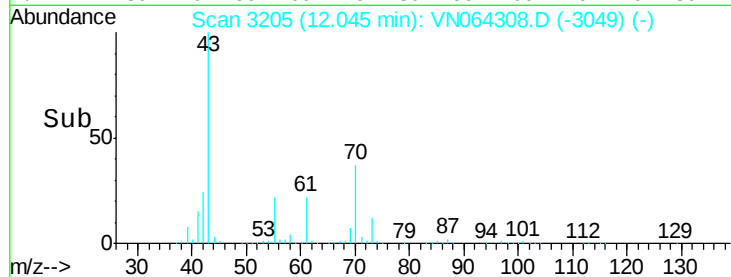
600000

400000

200000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 156.157 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064308.D

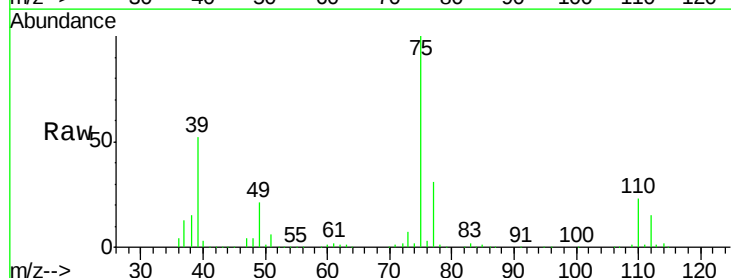
Acq: 26 Oct 2020 17:29

Tgt Ion: 75 Resp: 916817

Ion Ratio Lower Upper

75 100

77 31.2 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.35

600000

500000

400000

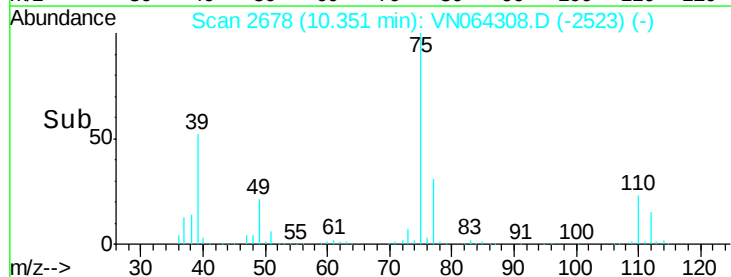
300000

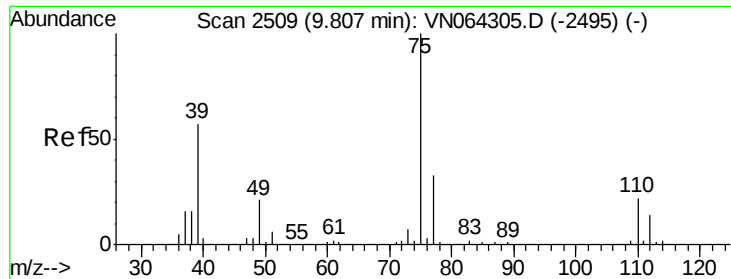
200000

100000

0

Time-->





#49

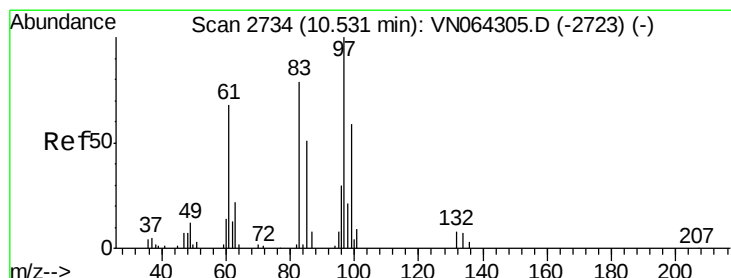
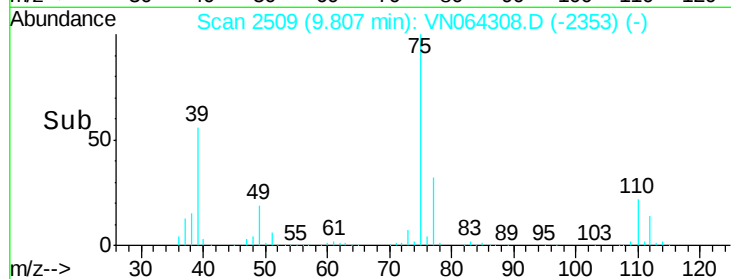
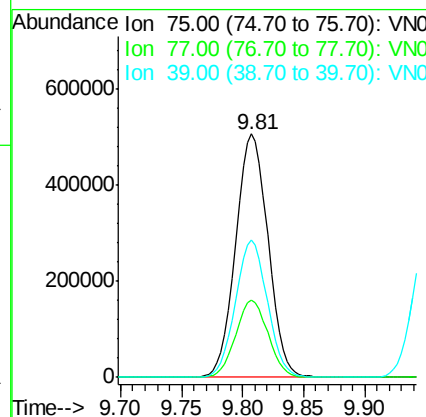
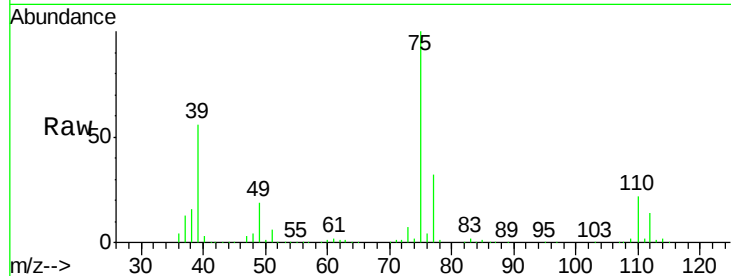
cis-1,3-Dichloropropene
 Concen: 154.217 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.7	40.1
39	56.4	45.9	68.9

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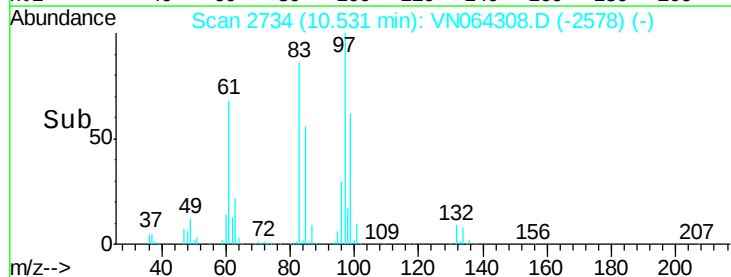
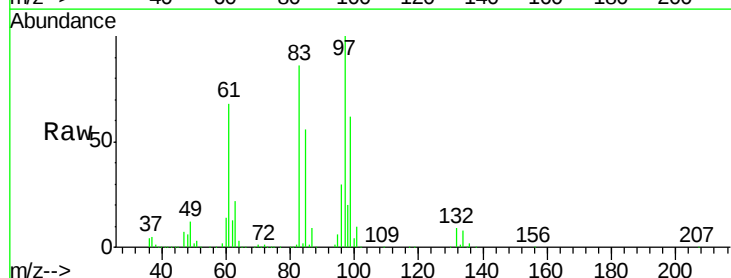
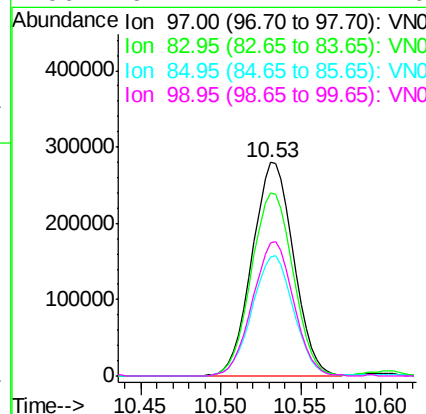
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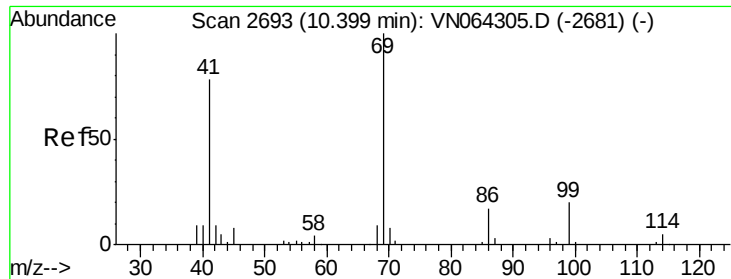


#50

1,1,2-Trichloroethane
 Concen: 154.872 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	63.2	94.8
85	55.8	41.0	61.6
99	62.2	47.4	71.0





#51

Ethyl methacrylate

Concen: 163.916 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

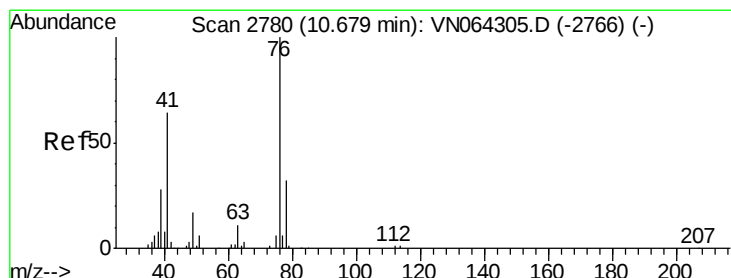
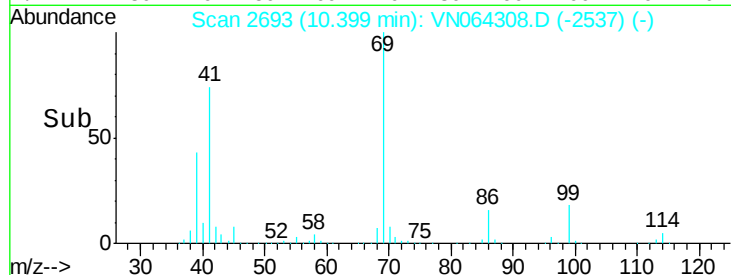
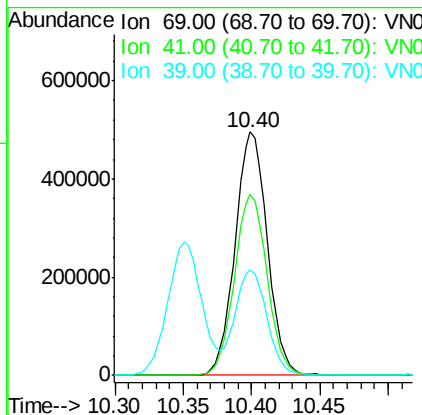
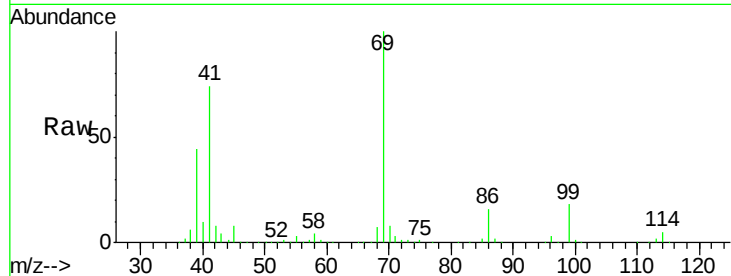
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	813794
Ion Ratio	Lower	Upper	
69	100		
41	74.1	38.8	116.4
39	43.3	24.6	74.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 154.905 ug/l

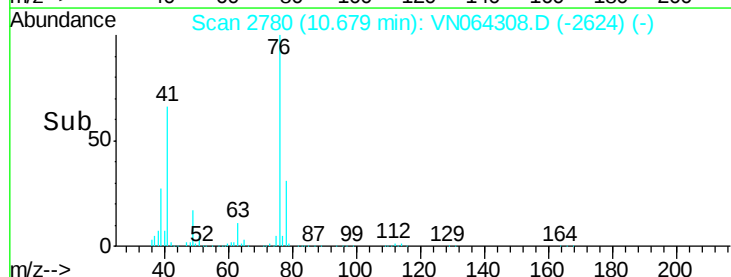
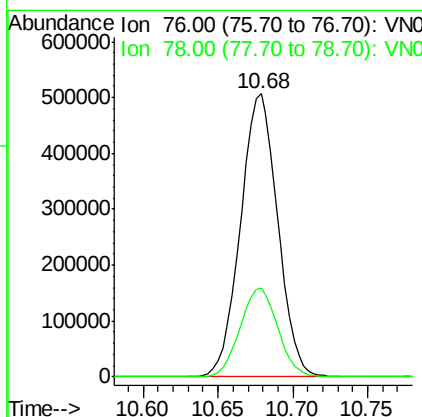
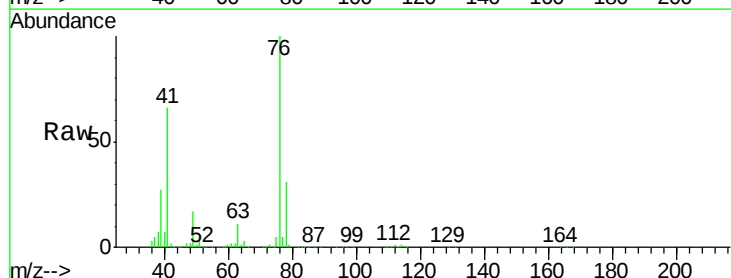
RT: 10.68 min Scan# 2780

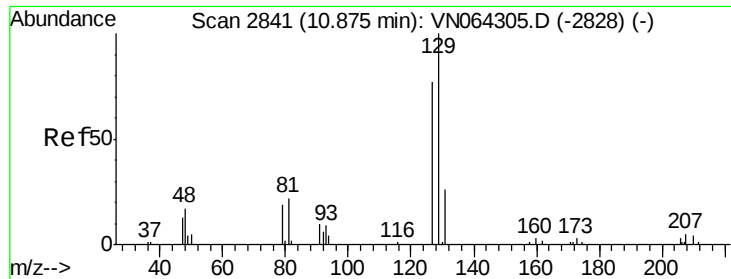
Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Tgt Ion:	76	Resp:	877899
Ion Ratio	Lower	Upper	
76	100		
78	31.8	0.0	61.6





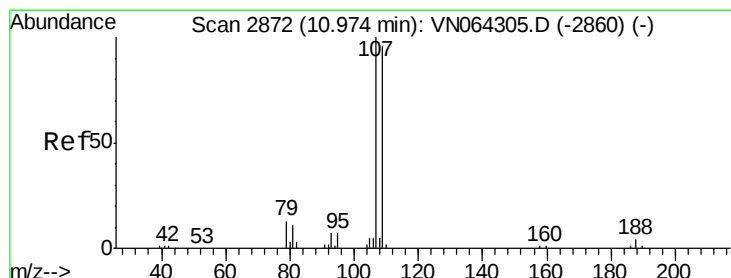
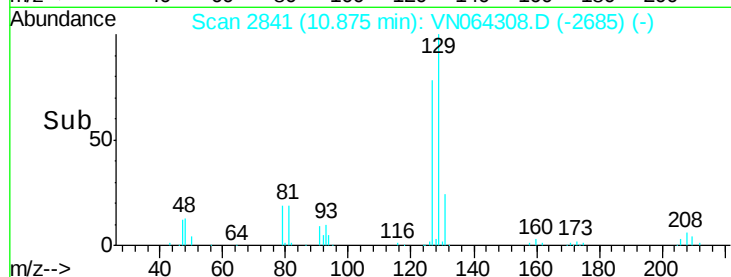
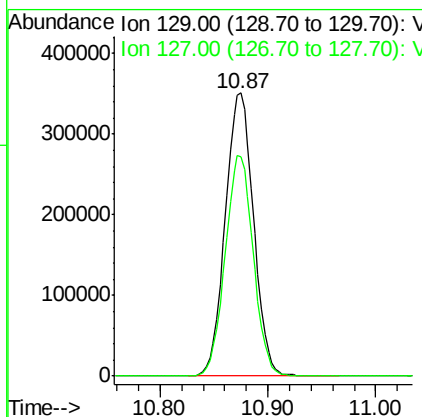
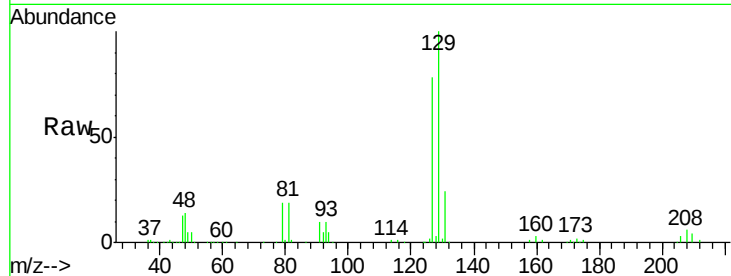
#53
Dibromochloromethane
Concen: 160.674 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.3	38.9	116.7	

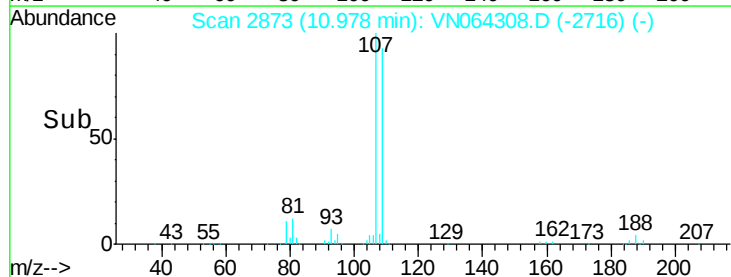
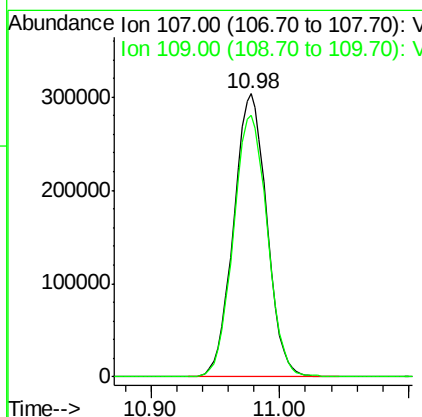
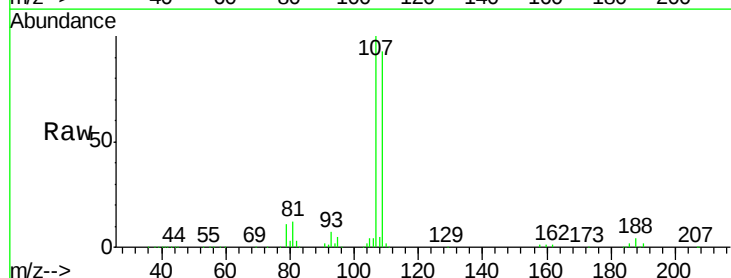
Manual Integrations
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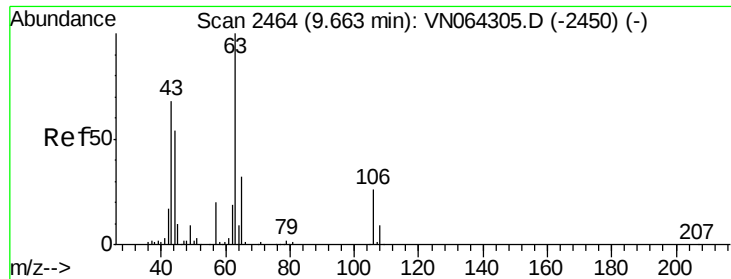
MMDadoda
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#54
1,2-Dibromoethane
Concen: 157.145 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	94.3	74.8	112.2	





#55

2-Chloroethyl vinyl ether

Concen: 792.131 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 2047386

Ion Ratio Lower Upper

63 100

65 31.8 25.6 38.4

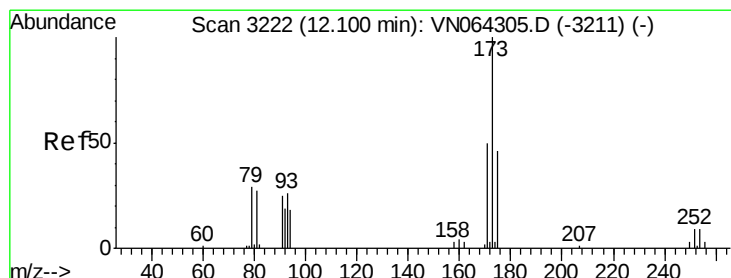
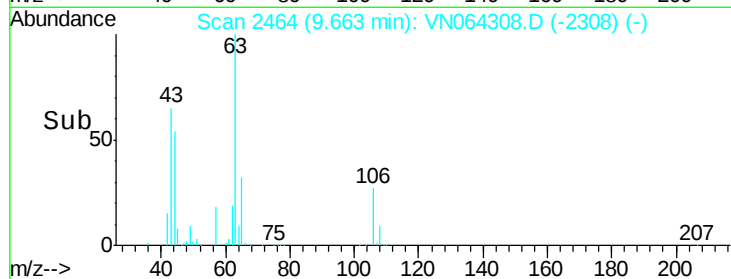
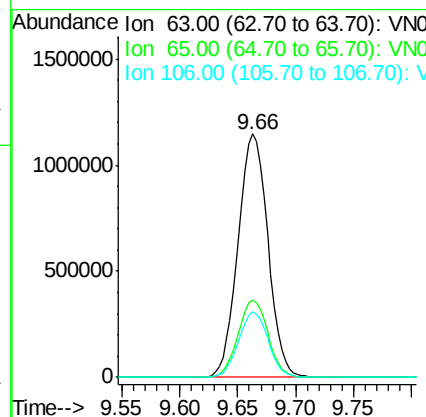
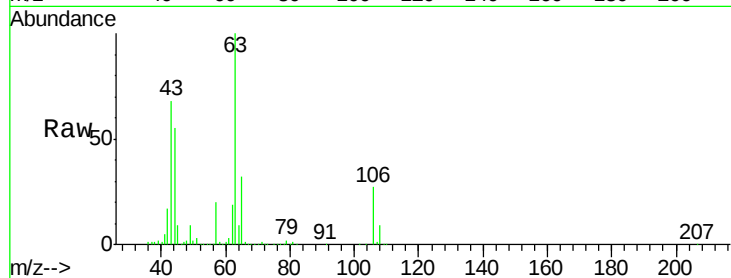
106 26.6 20.7 31.1

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#56

Bromoform

Concen: 162.196 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

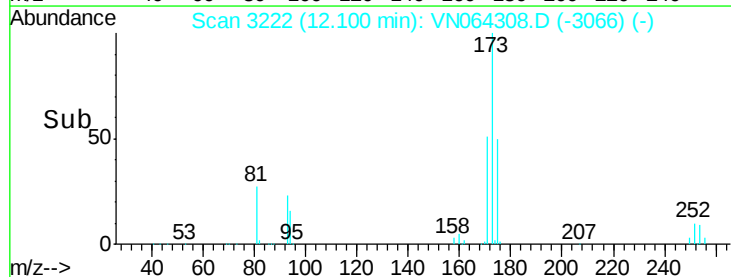
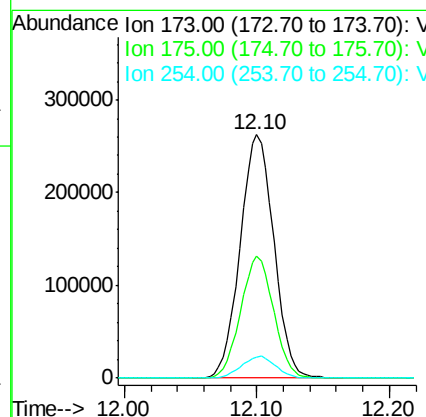
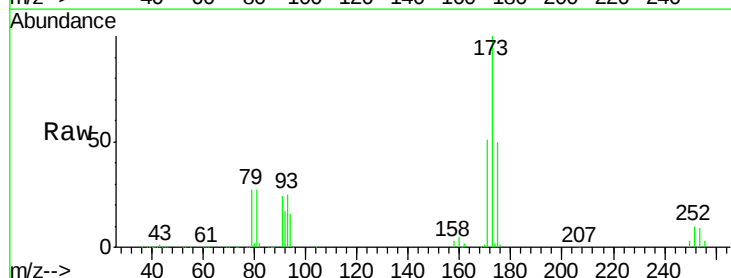
Tgt Ion: 173 Resp: 463108

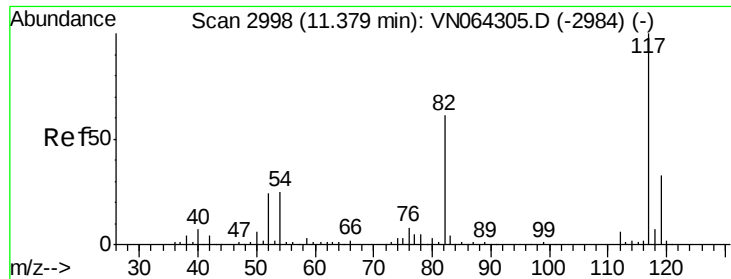
Ion Ratio Lower Upper

173 100

175 49.0 37.3 55.9

254 9.0 4.8 7.2#





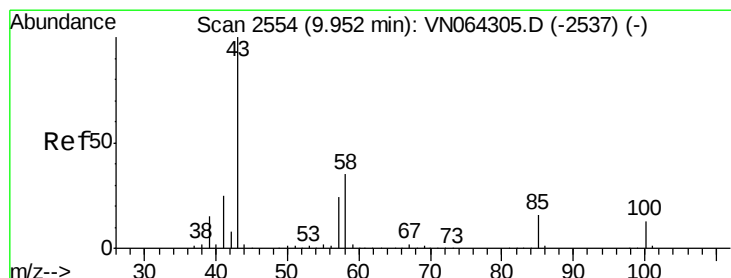
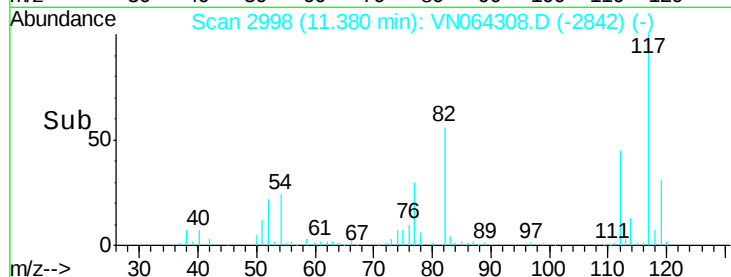
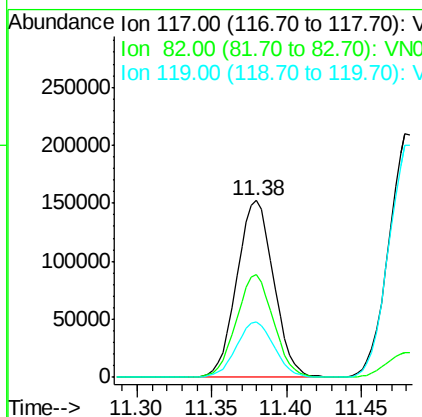
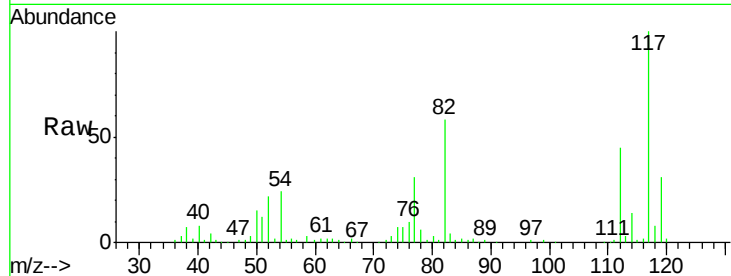
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	48.7	73.1
119	31.8	25.1	37.7

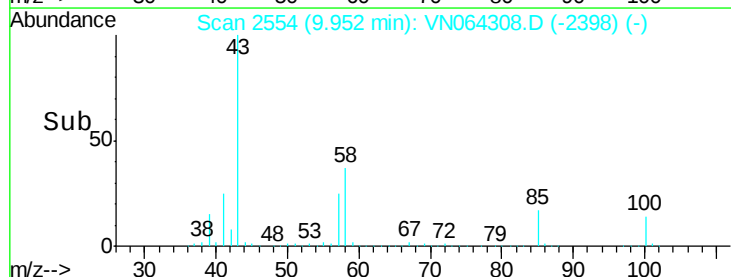
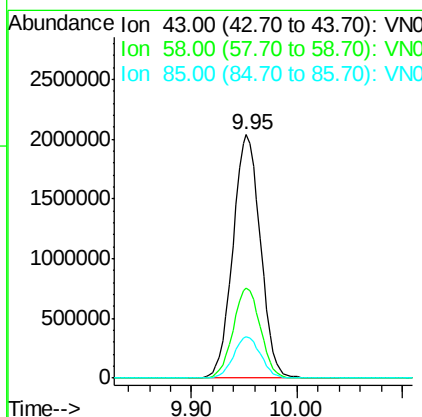
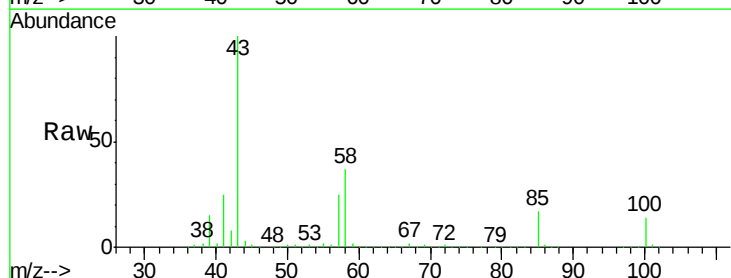
Manual Integrations
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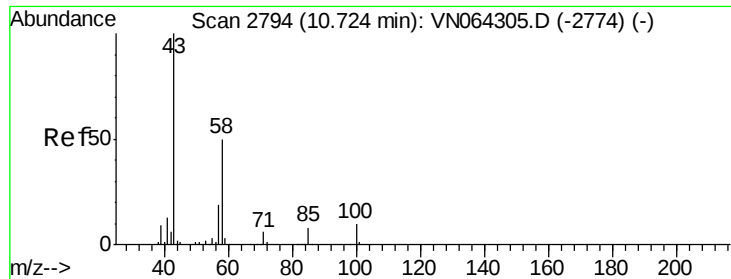
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 813.432 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.7	43.1
85	16.9	13.4	20.2





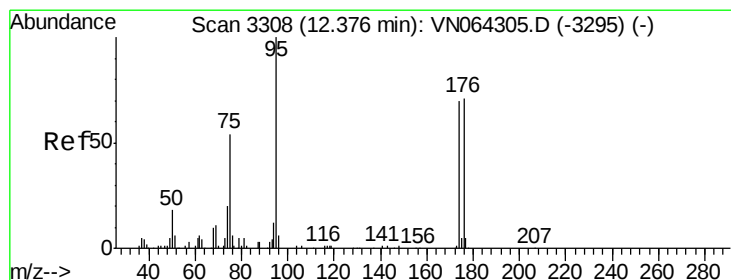
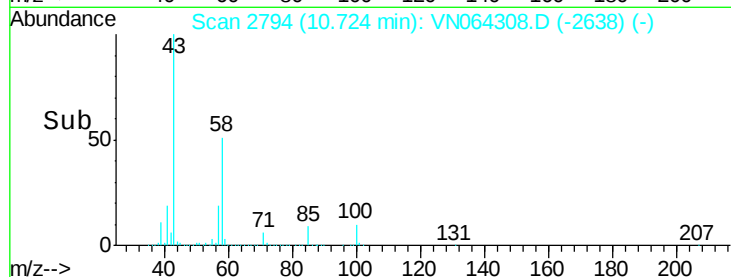
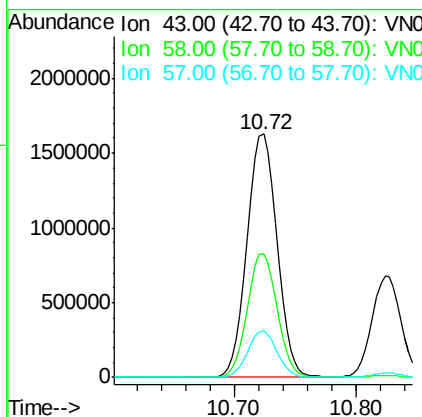
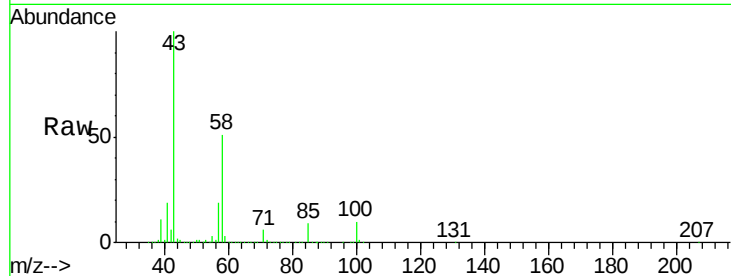
#59
2-Hexanone
Concen: 811.028 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2752665
Ion Ratio Lower Upper
43 100
58 50.5 39.4 59.2
57 18.6 14.8 22.2

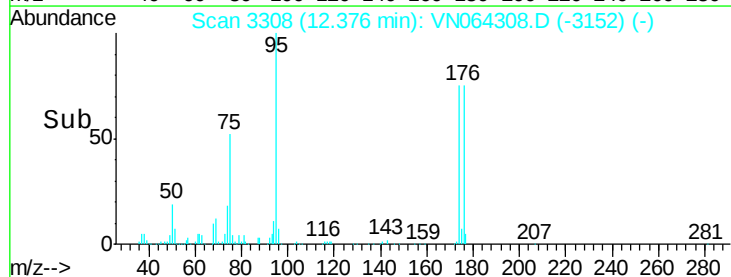
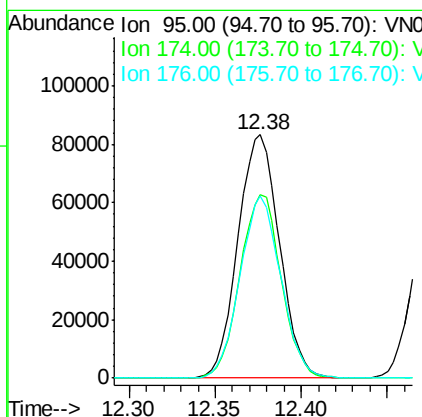
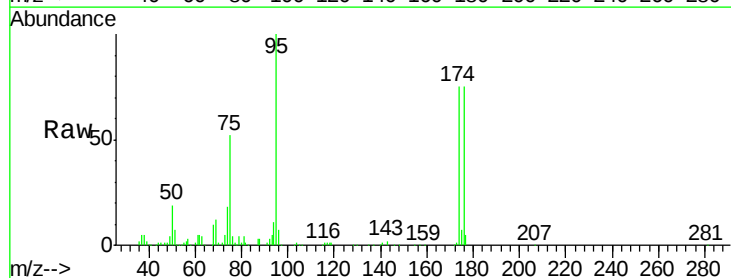
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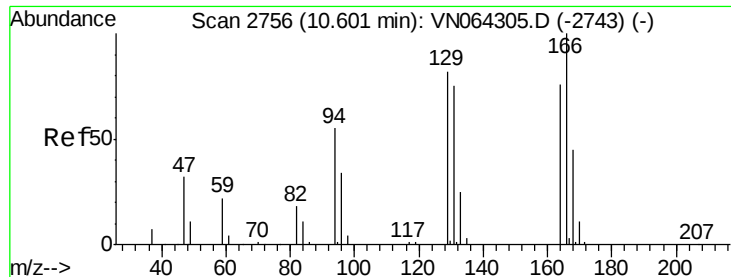
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#60
4-Bromofluorobenzene
Concen: 30.054 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion: 95 Resp: 139907
Ion Ratio Lower Upper
95 100
174 74.8 57.6 86.4
176 73.5 55.5 83.3





#61

Tetrachloroethene

Concen: 147.125 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 521625

Ion Ratio Lower Upper

164 100

166 129.4 105.4 158.0

129 101.1 86.4 129.6

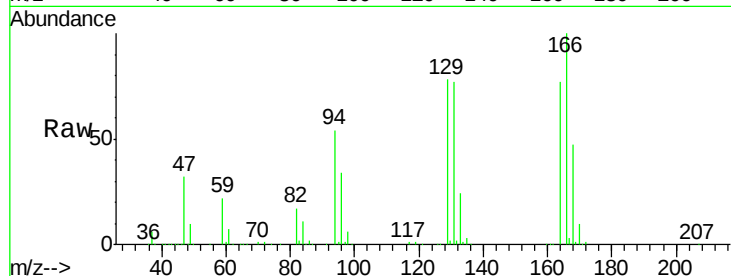
131 99.4 78.5 117.7

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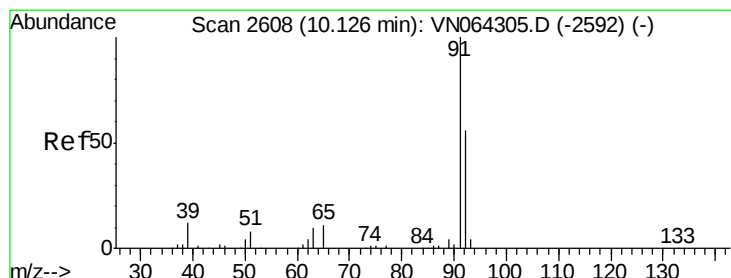
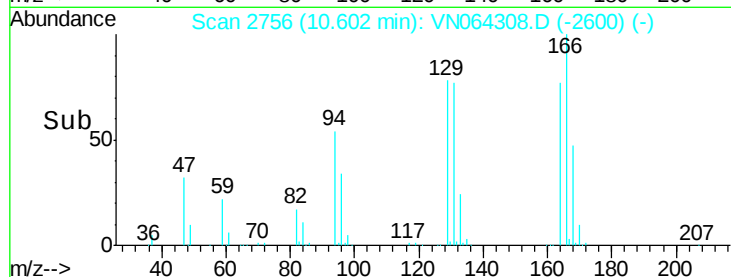
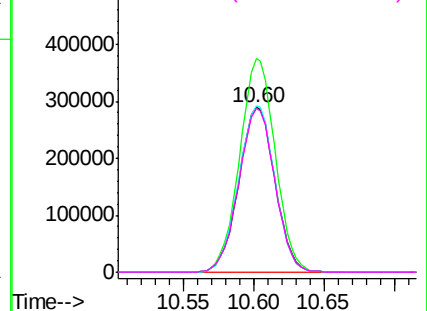


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 152.849 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064308.D

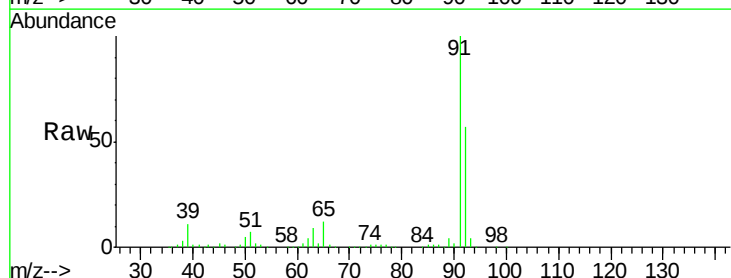
Acq: 26 Oct 2020 17:29

Tgt Ion: 91 Resp: 2236085

Ion Ratio Lower Upper

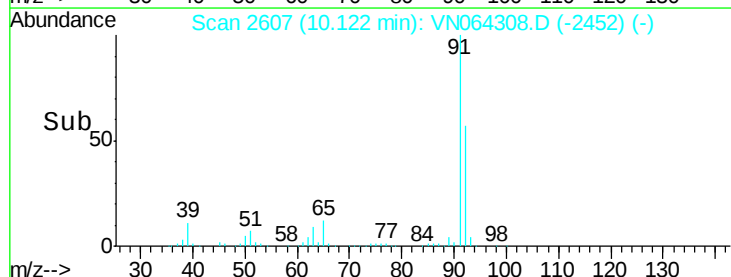
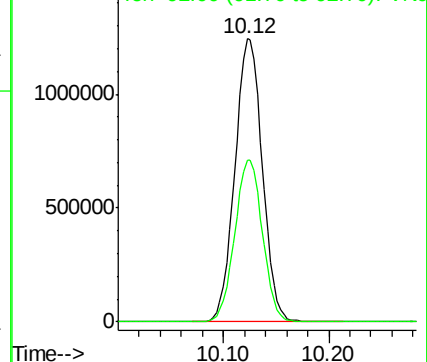
91 100

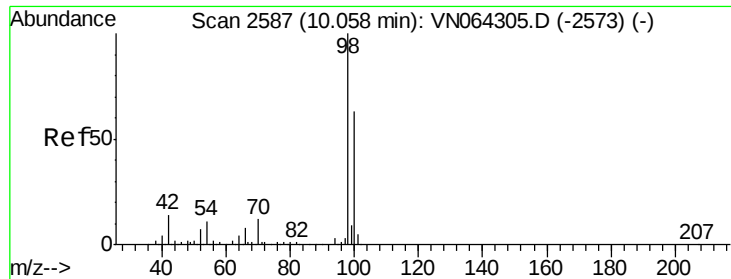
92 57.7 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





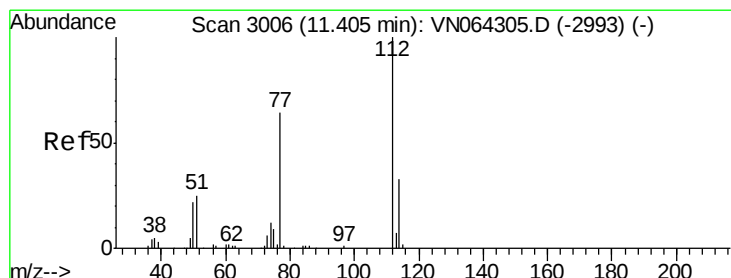
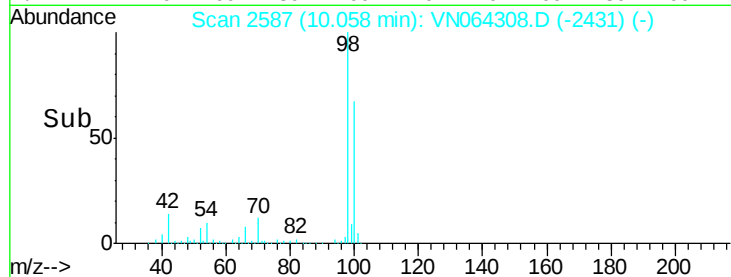
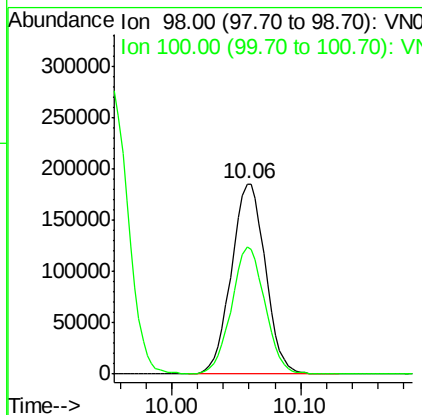
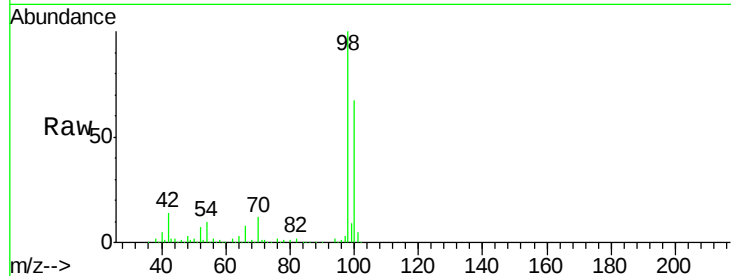
#63
Toluene-d8
Concen: 29.263 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 341603
Ion Ratio Lower Upper
98 100
100 65.7 50.6 75.8

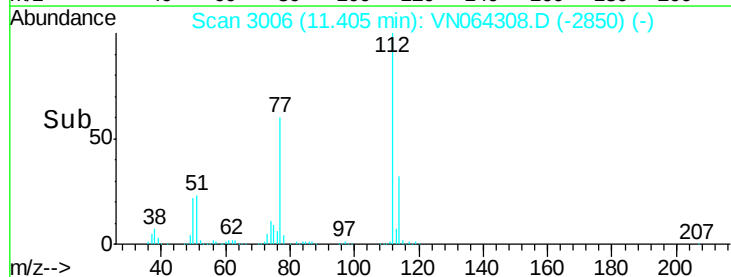
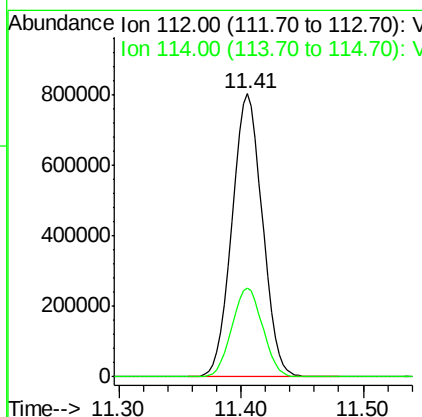
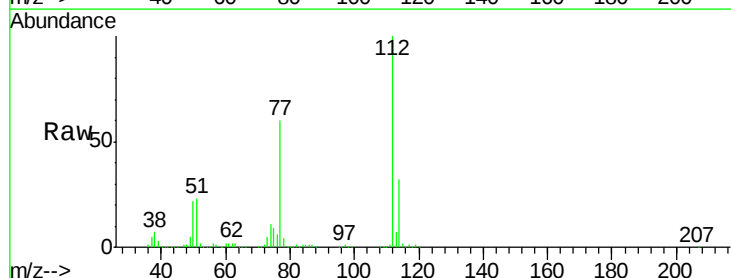
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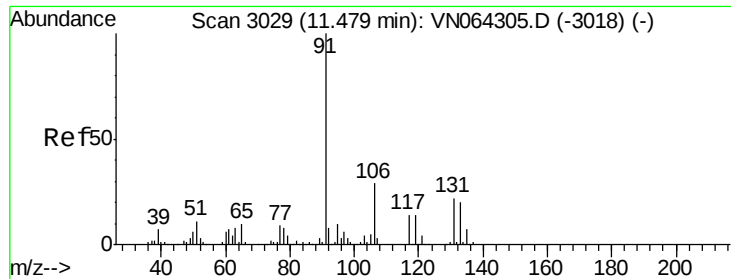
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#64
Chlorobenzene
Concen: 153.536 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion: 112 Resp: 1386679
Ion Ratio Lower Upper
112 100
114 31.6 26.7 40.1





#65

1,1,1,2-Tetrachloroethane

Concen: 151.186 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

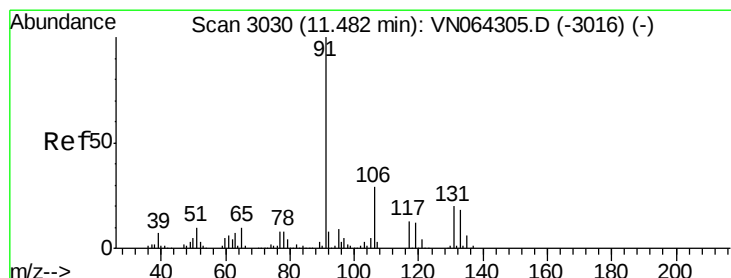
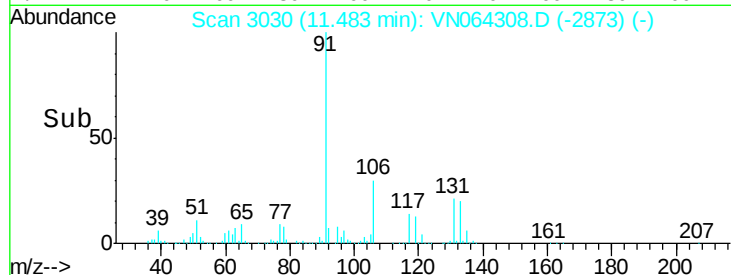
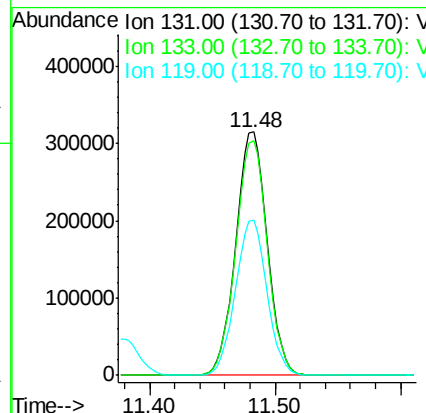
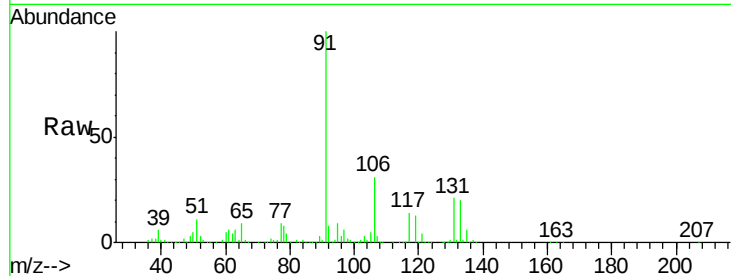
ClientSampleId :

VSTDIC150

Tot Ion:	131	Resp:	548121
Ion Ratio	Lower	Upper	
131	100		
133	96.8	0.0	183.0
119	63.6	0.0	121.6

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#66

Ethyl Benzene

Concen: 149.573 ug/l

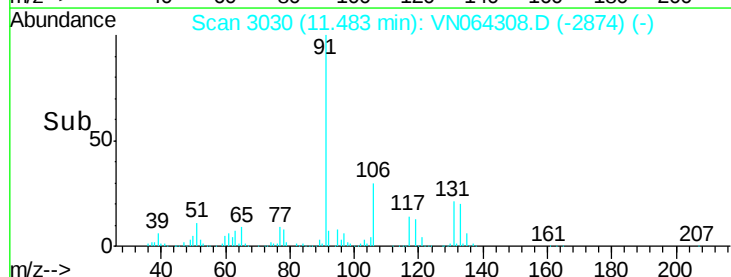
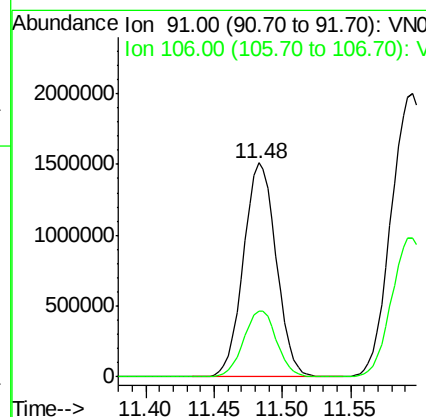
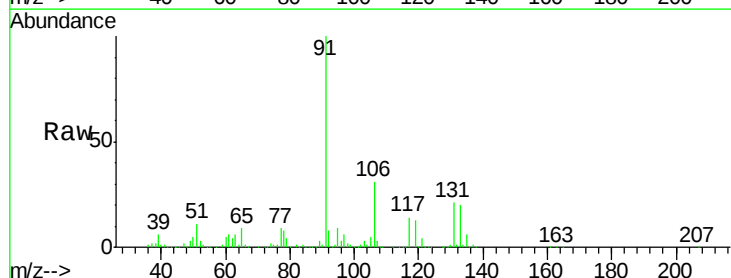
RT: 11.48 min Scan# 3030

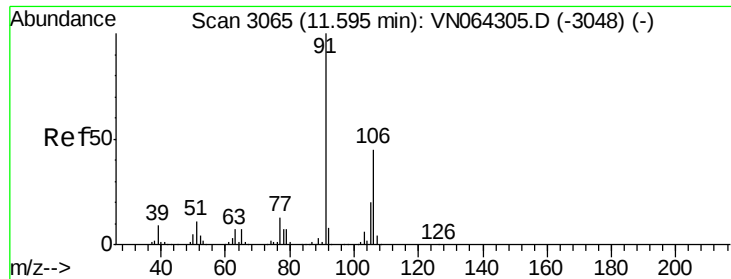
Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Tgt Ion:	91	Resp:	2519007
Ion Ratio	Lower	Upper	
91	100		
106	31.0	22.8	34.2





#67

m/p-Xylenes

Concen: 306.208 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:106 Resp: 1897335

Ion Ratio Lower Upper

106 100

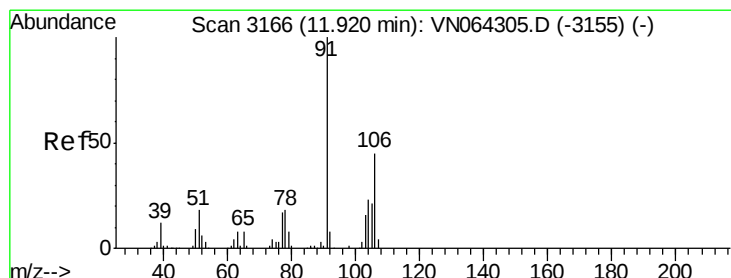
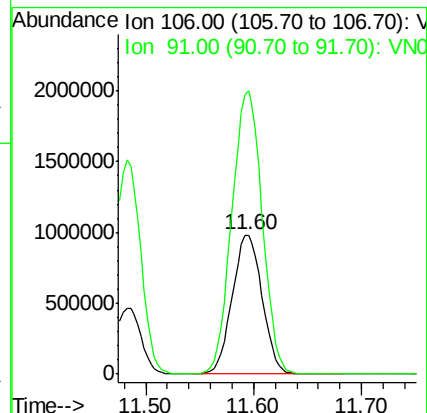
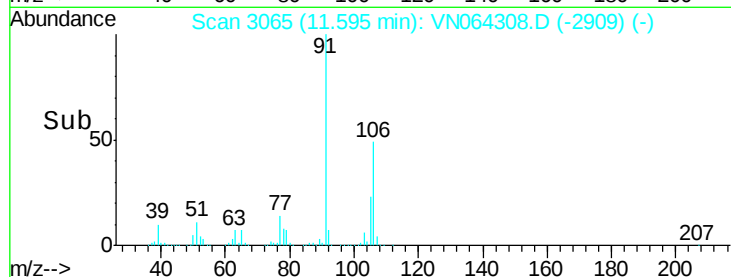
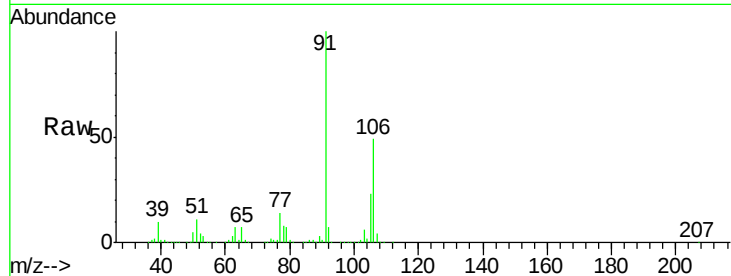
91 206.6 176.2 264.2

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#68

o-Xylene

Concen: 153.422 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064308.D

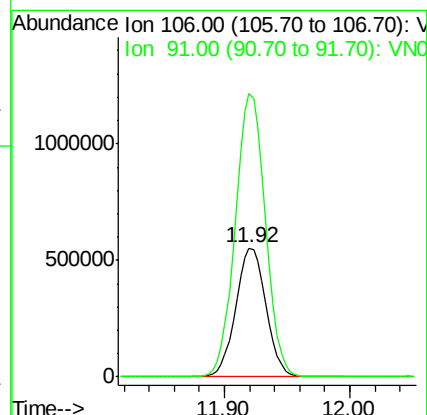
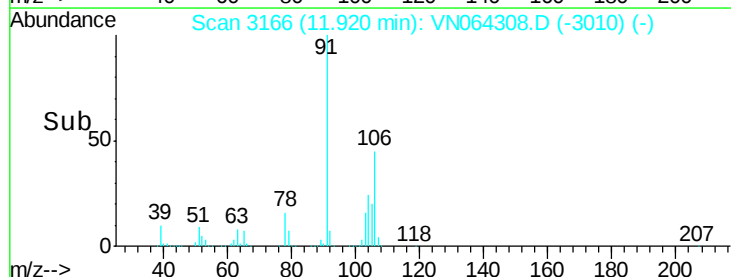
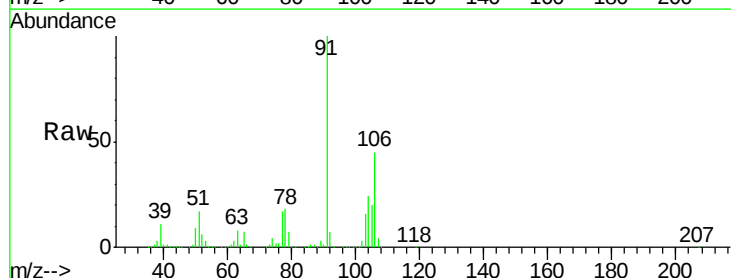
Acq: 26 Oct 2020 17:29

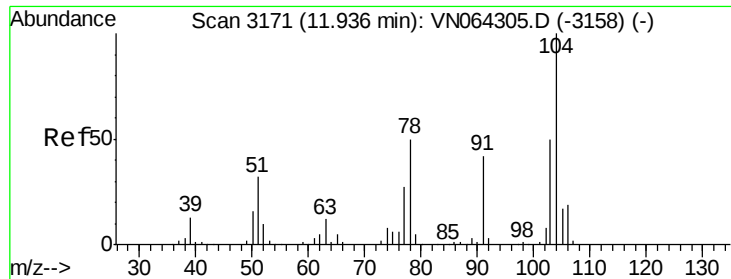
Tgt Ion:106 Resp: 923860

Ion Ratio Lower Upper

106 100

91 218.5 112.9 338.6





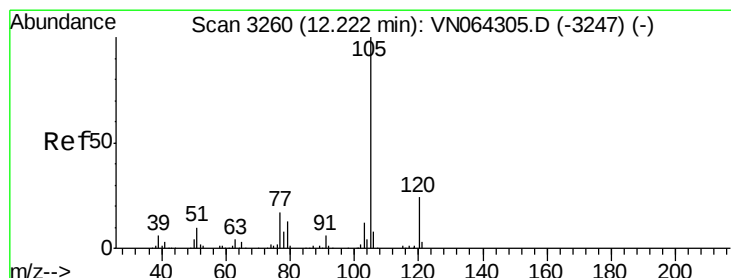
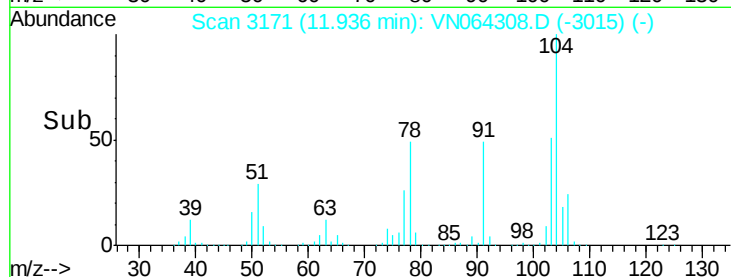
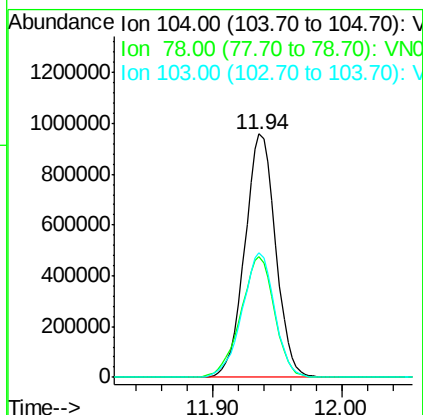
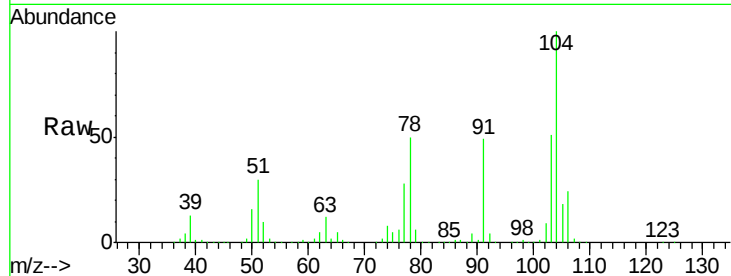
#69
Stvrene
Concen: 158.350 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:104 Resp: 1592767
Ion Ratio Lower Upper
104 100
78 54.0 46.3 69.5
103 54.1 44.2 66.2

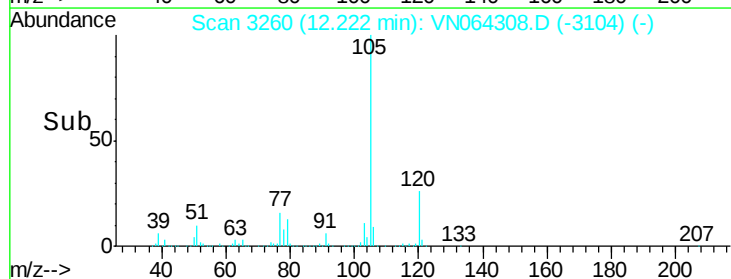
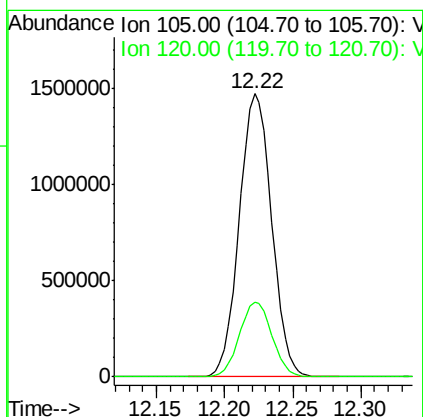
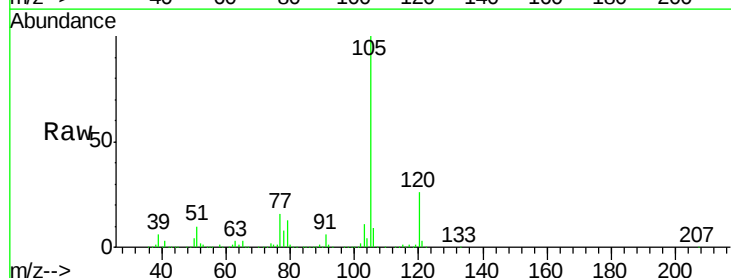
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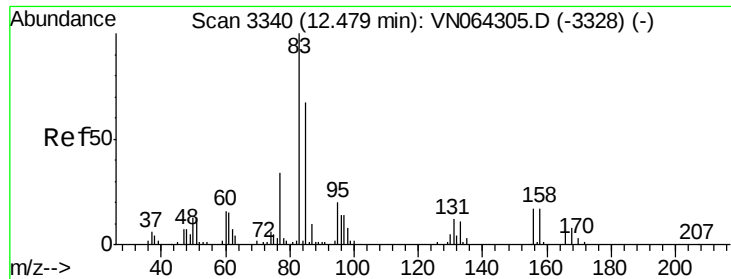
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#70
Isopropylbenzene
Concen: 151.698 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion:105 Resp: 2424803
Ion Ratio Lower Upper
105 100
120 26.4 17.4 32.2





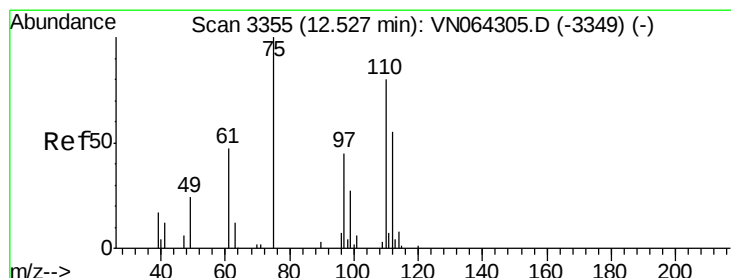
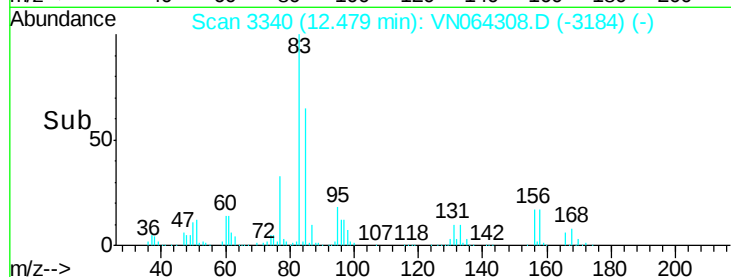
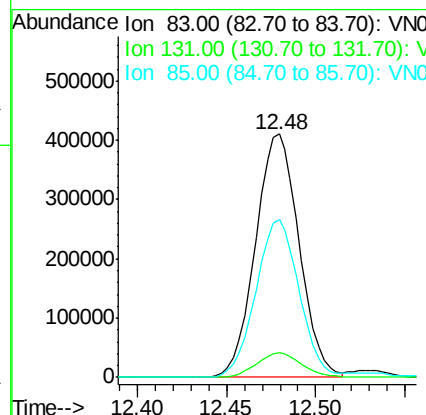
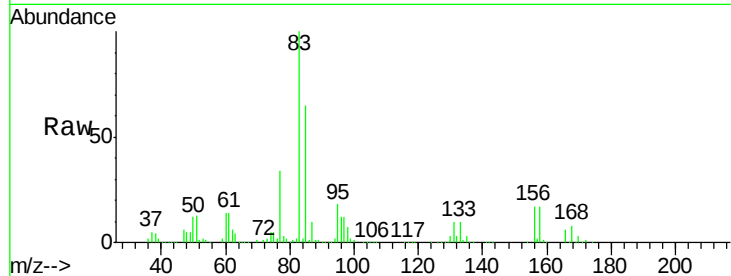
#71
 1,1,2,2-Tetrachloroethane
 Concen: 160.085 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.4	6.0	18.0
85	64.5	32.0	96.0

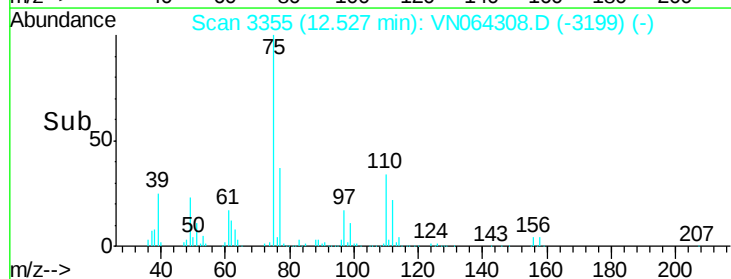
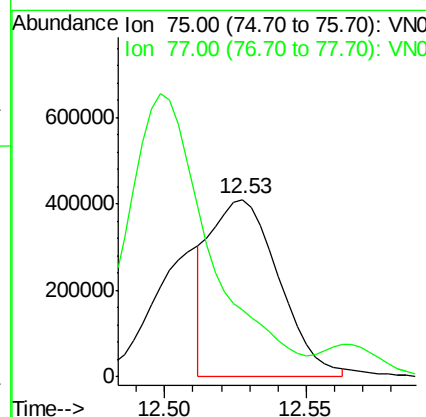
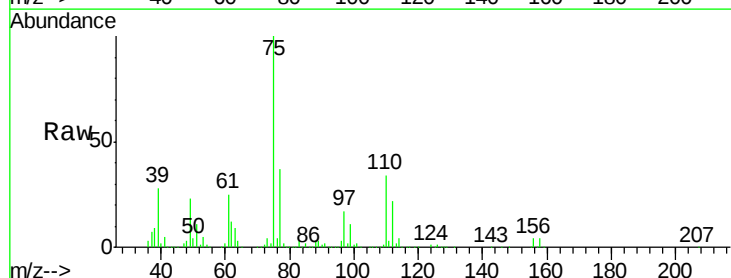
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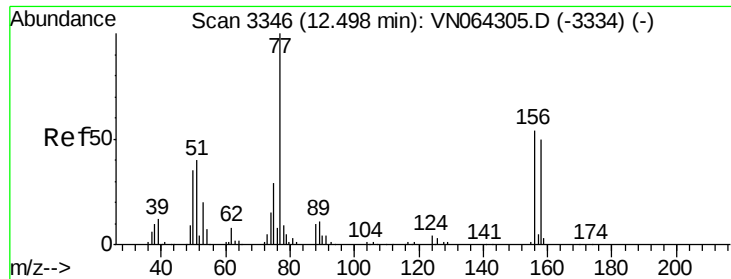
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#72
 1,2,3-Trichloropropane
 Concen: 150.967 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	191.4	0.0	340.8





#73

Bromobenzene

Concen: 155.587 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

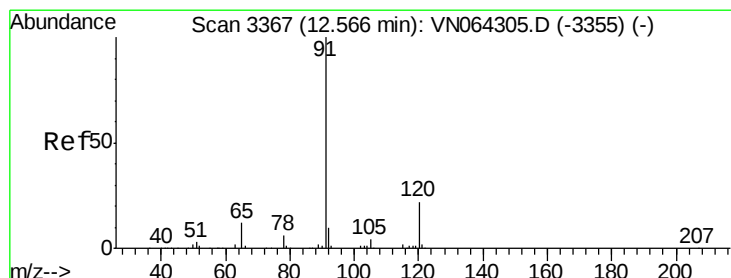
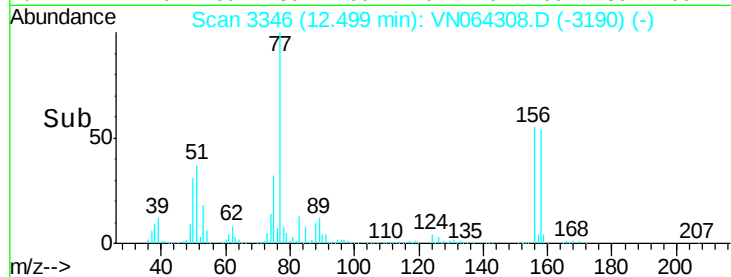
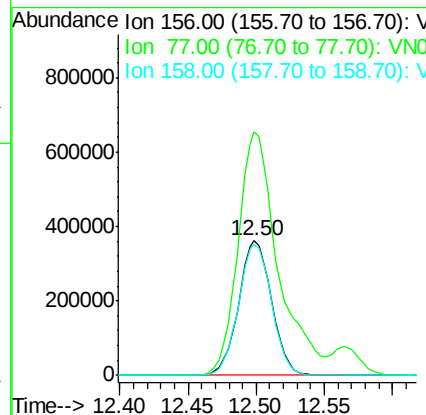
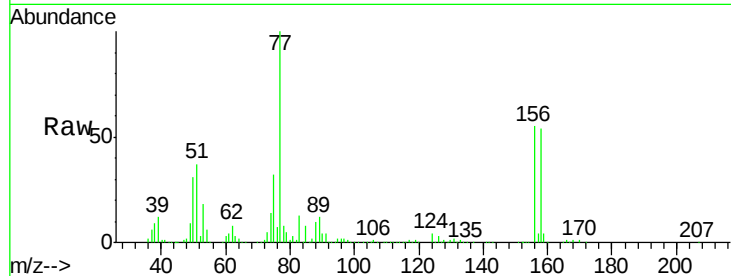
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	219.7	0.0	449.2
158	98.0	0.0	191.0

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#74

n-propylbenzene

Concen: 153.053 ug/l

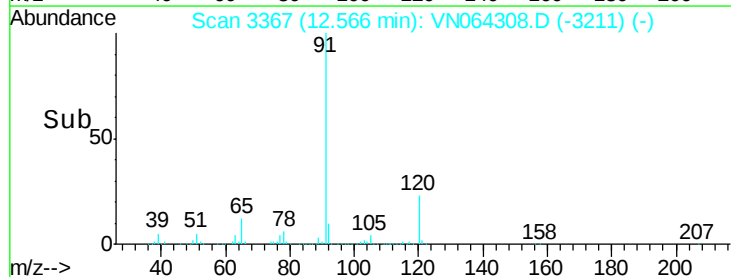
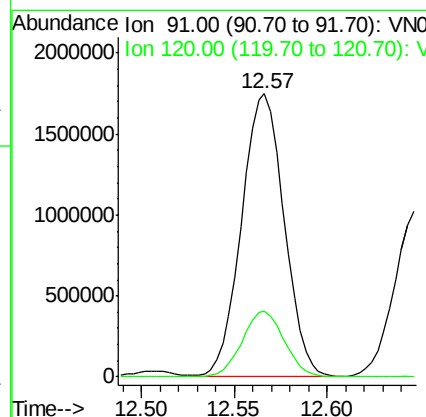
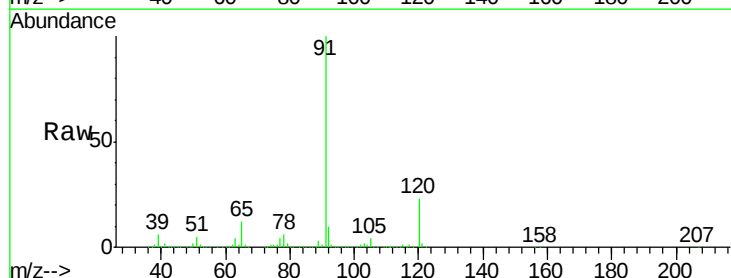
RT: 12.57 min Scan# 3367

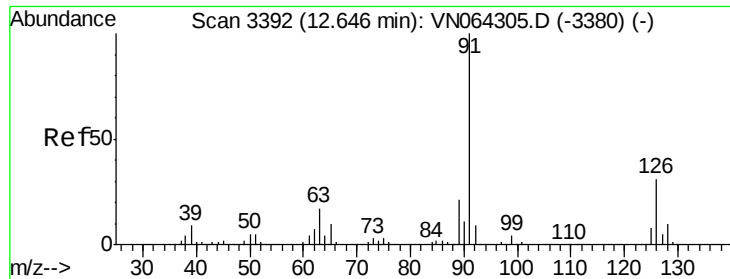
Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	44.2





#75

2-Chlorotoluene

Concen: 152.023 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1729638

Ion Ratio Lower Upper

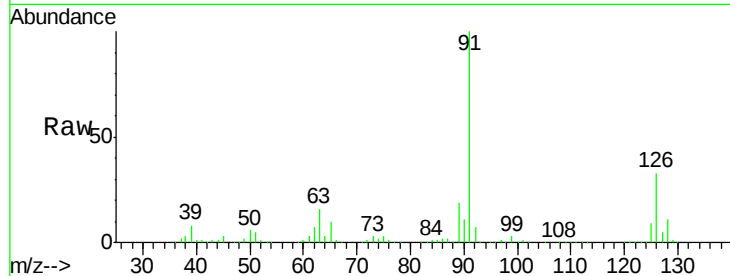
91 100

126 32.9 0.0 62.0

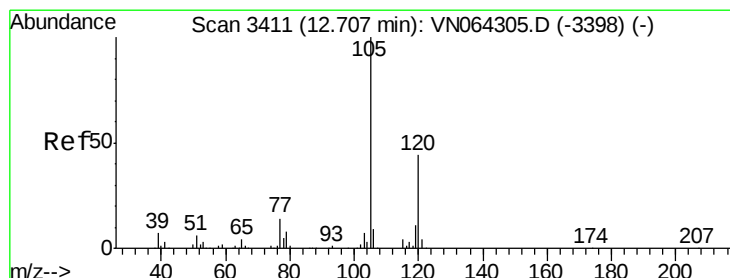
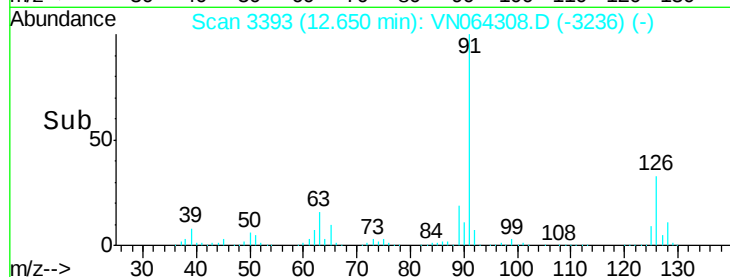
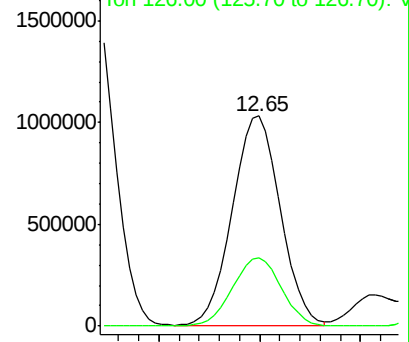
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Abundance Ion 91.00 (90.70 to 91.70): VN064305.D (-3380) (-)



#76

1,3,5-Trimethylbenzene

Concen: 154.527 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064308.D

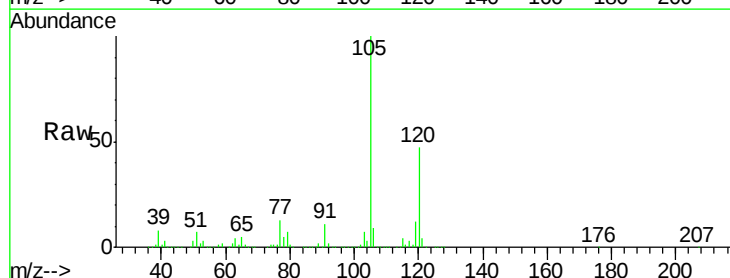
Acq: 26 Oct 2020 17:29

Tgt Ion: 105 Resp: 2091974

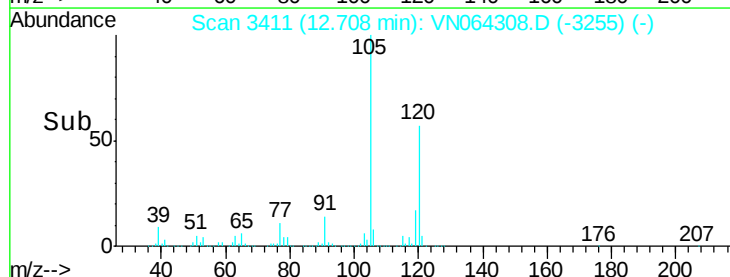
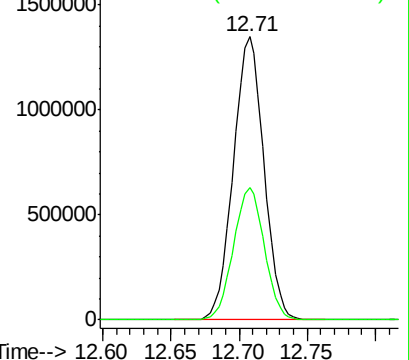
Ion Ratio Lower Upper

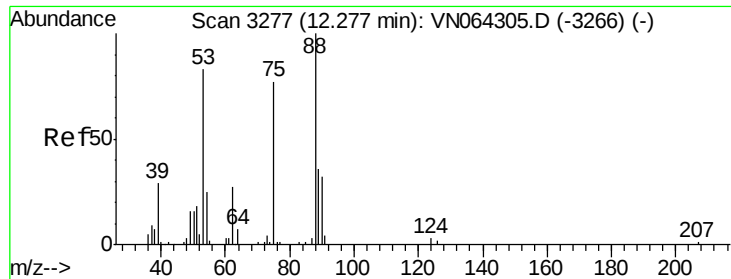
105 100

120 47.2 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): VN064305.D (-3398) (-)





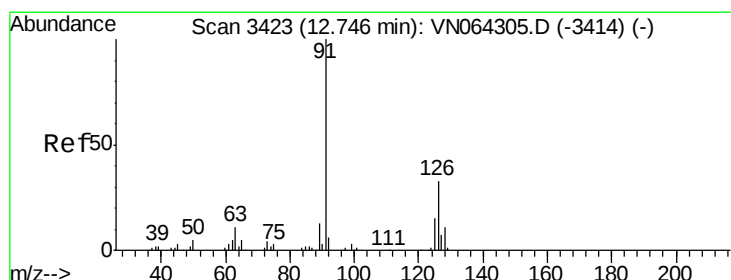
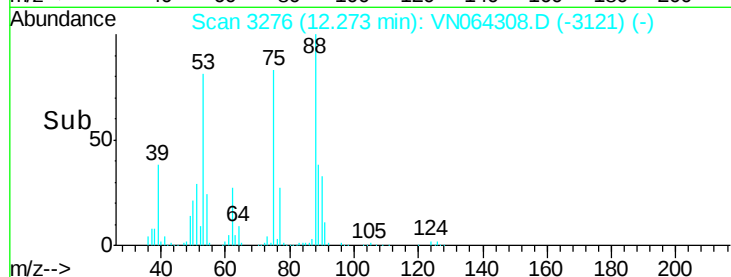
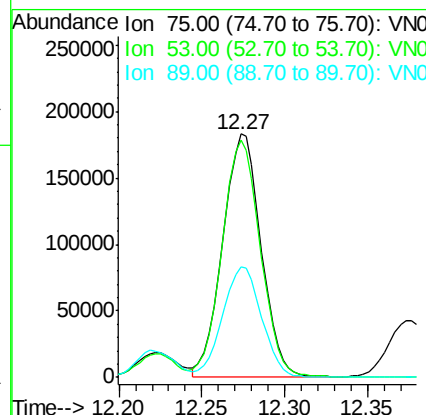
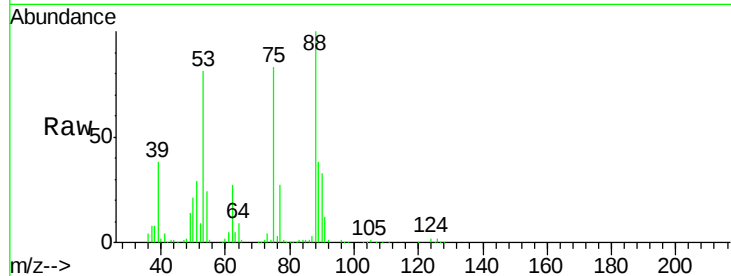
#77
t-1,4-Dichloro-2-butene
Concen: 167.508 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	51.0	153.0
89	45.8	24.8	74.3

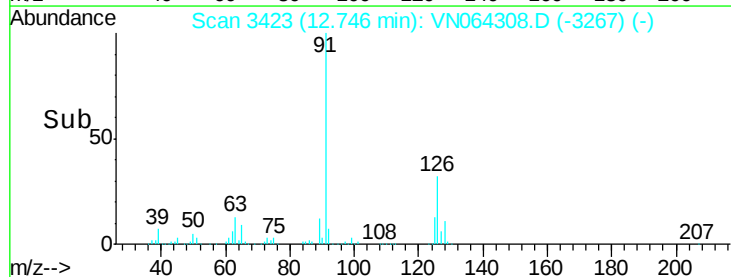
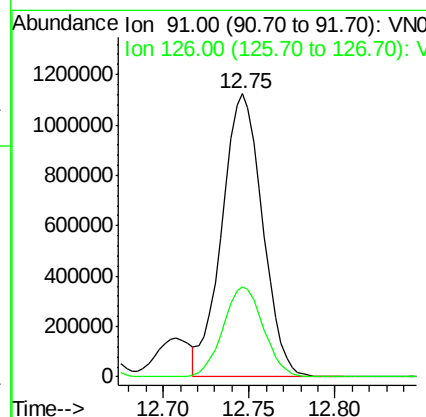
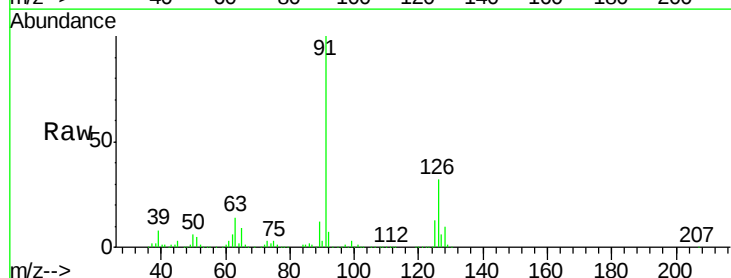
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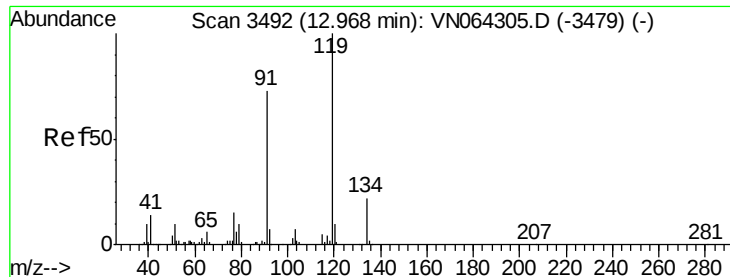
MMDadoda
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#78
4-Chlorotoluene
Concen: 155.876 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	62.4





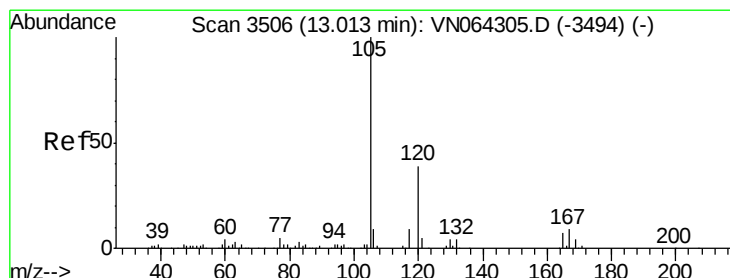
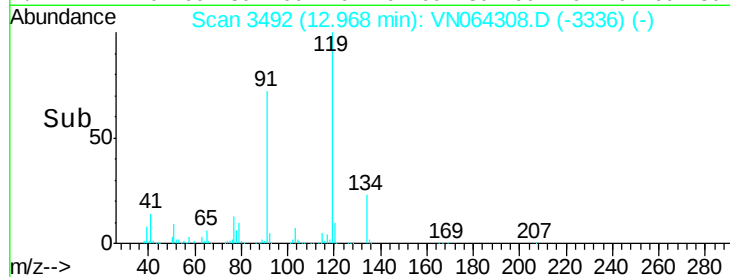
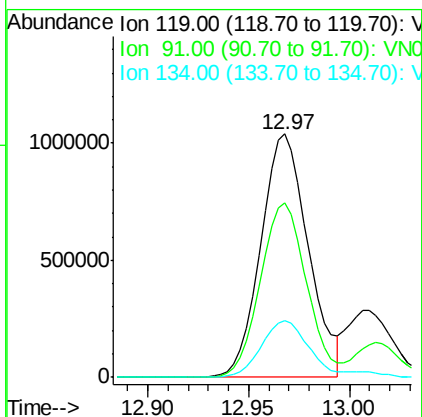
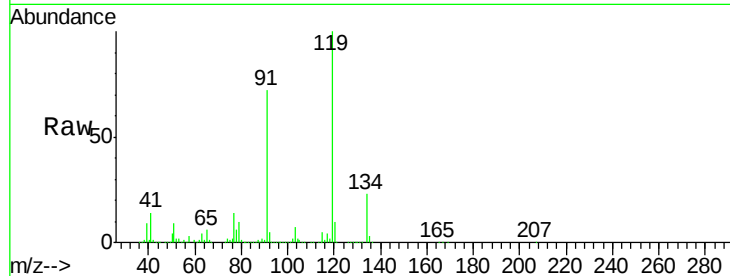
#79
tert-butylbenzene
Concen: 154.380 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.0	0.0	146.8
134	23.2	0.0	48.6

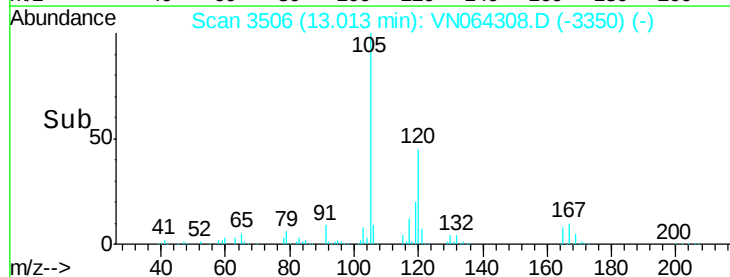
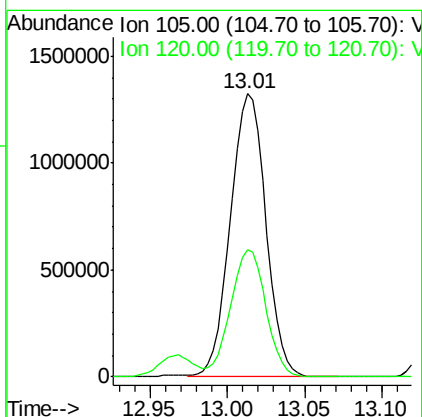
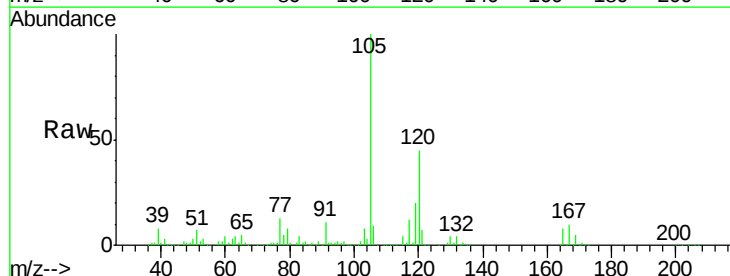
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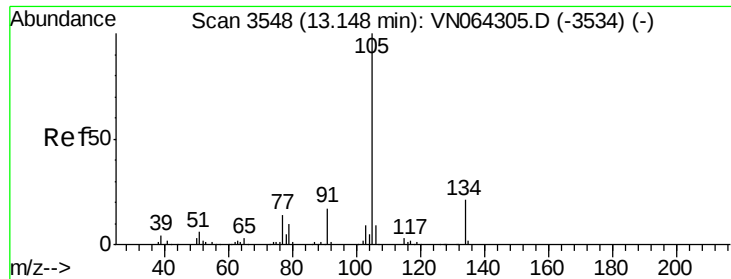
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#80
1,2,4-Trimethylbenzene
Concen: 152.853 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	0.0	87.0





#81

sec-Butylbenzene

Concen: 152.697 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2181767

Ion Ratio Lower Upper

105 100

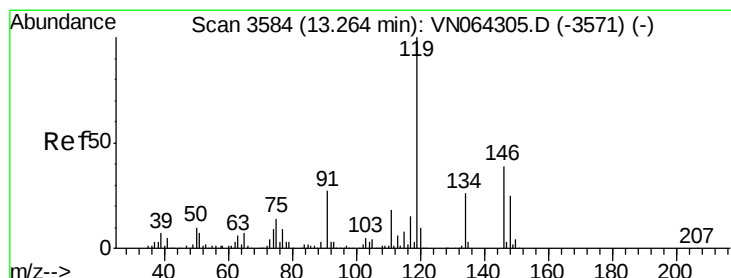
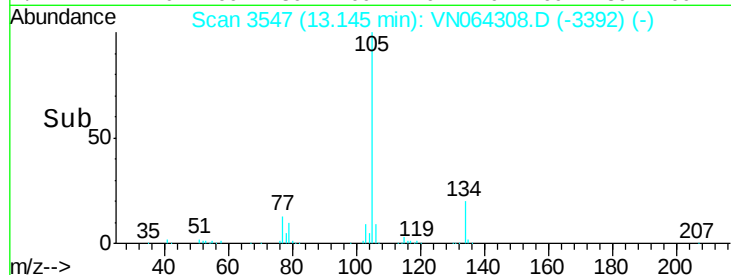
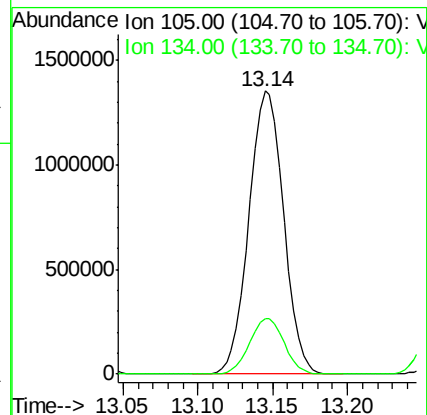
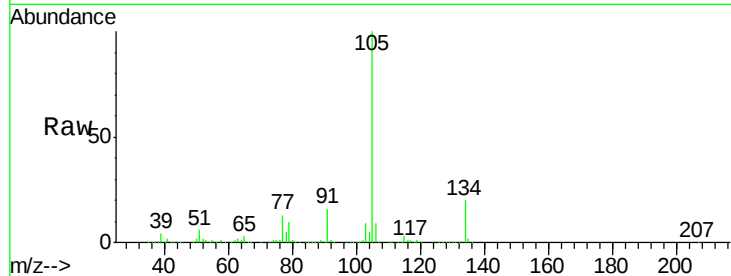
134 19.7 0.0 38.4

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#82

p-Isopropyltoluene

Concen: 155.329 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

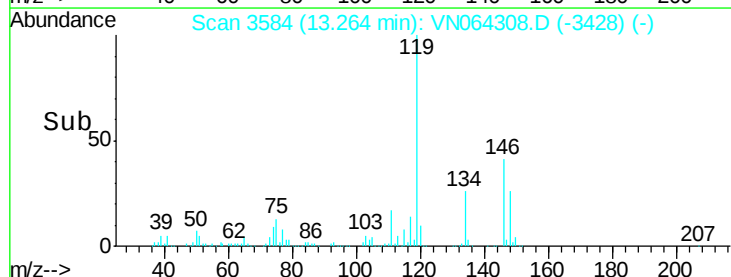
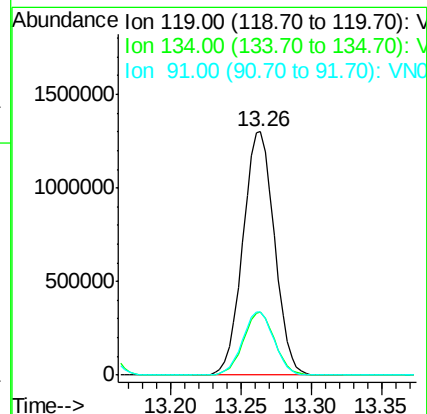
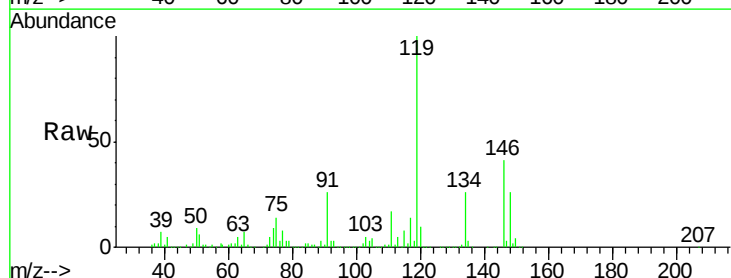
Tgt Ion:119 Resp: 2036849

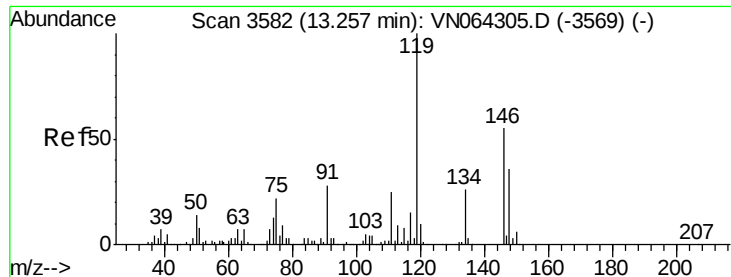
Ion Ratio Lower Upper

119 100

134 25.6 0.0 52.2

91 26.0 0.0 56.0





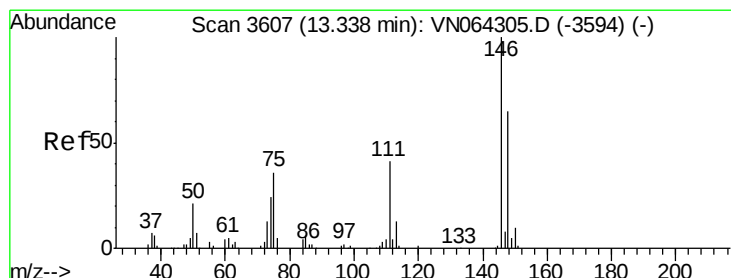
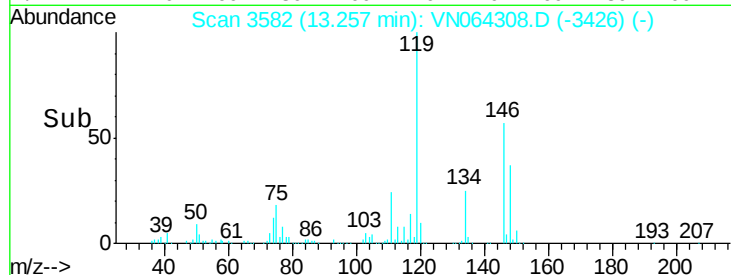
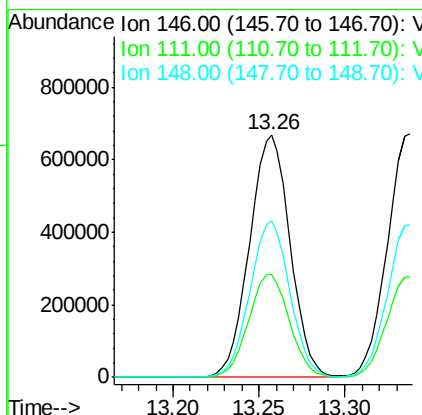
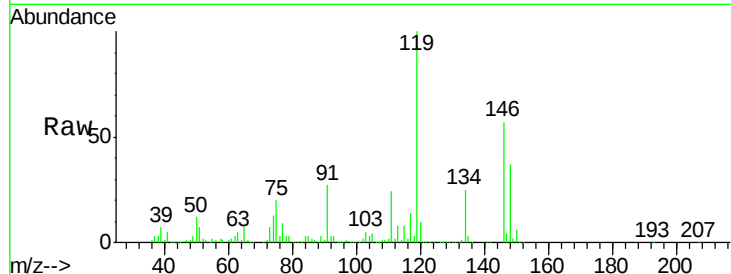
#83
 1,3-Dichlorobenzene
 Concen: 160.227 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1093400
 Ion Ratio Lower Upper
 146 100
 111 42.4 22.5 67.5
 148 63.5 32.5 97.5

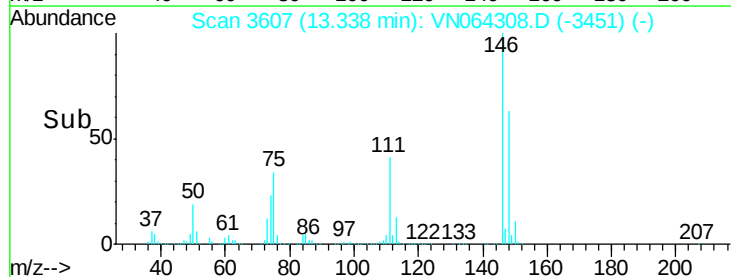
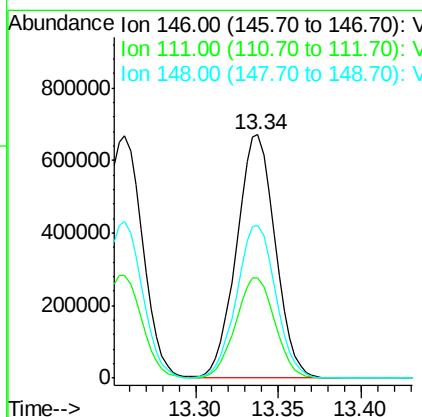
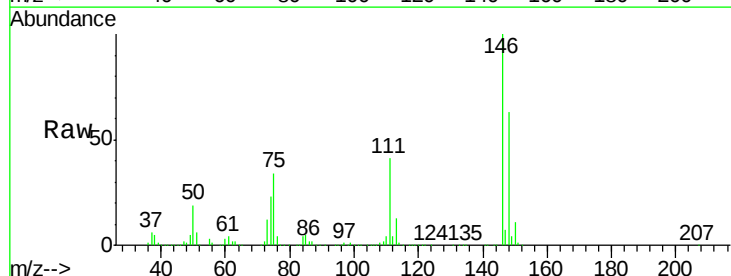
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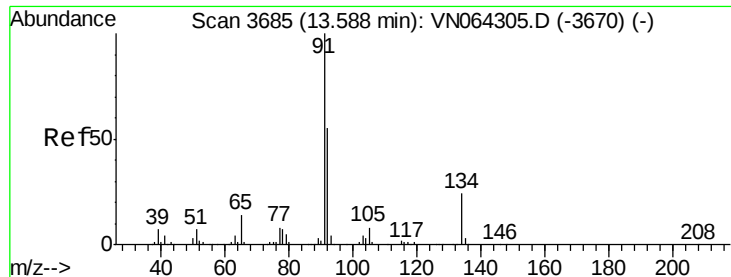
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#84
 1,4-Dichlorobenzene
 Concen: 157.263 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion:146 Resp: 1089552
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.6 64.8
 148 63.6 32.4 97.0





#85

n-Butylbenzene

Concen: 155.796 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064308.D

Acq: 26 Oct 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1785823

Ion Ratio Lower Upper

91 100

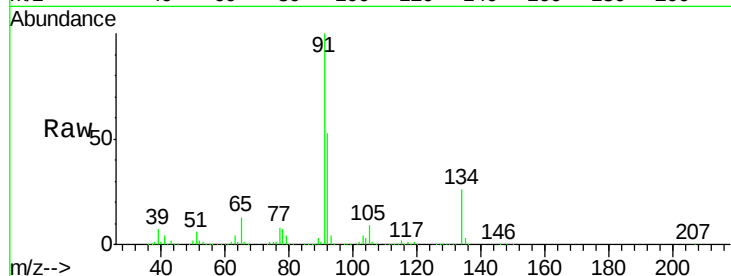
92 52.0 0.0 106.0

134 25.4 0.0 46.4

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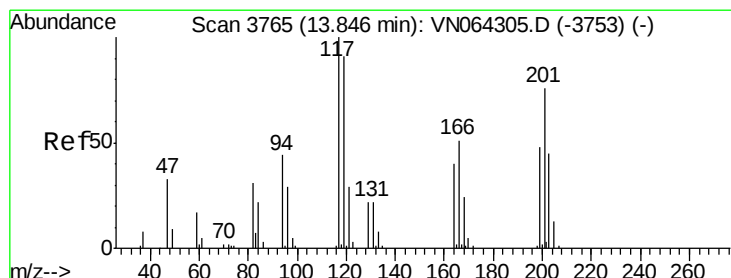
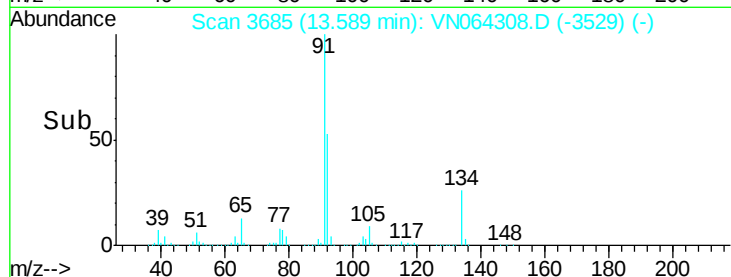
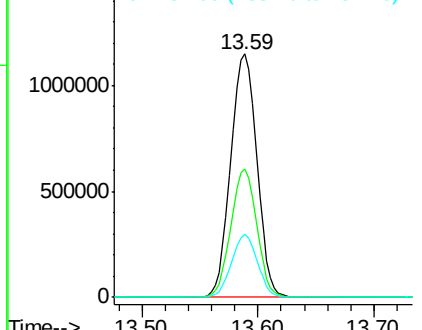
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Abundance Ion 91.00 (90.70 to 91.70): VN064308.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064308.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064308.D (-3670) (-)



#86

Hexachloroethane

Concen: 175.980 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN064308.D

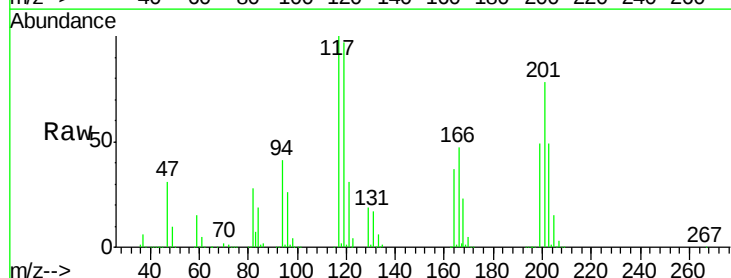
Acq: 26 Oct 2020 17:29

Tgt Ion: 117 Resp: 399524

Ion Ratio Lower Upper

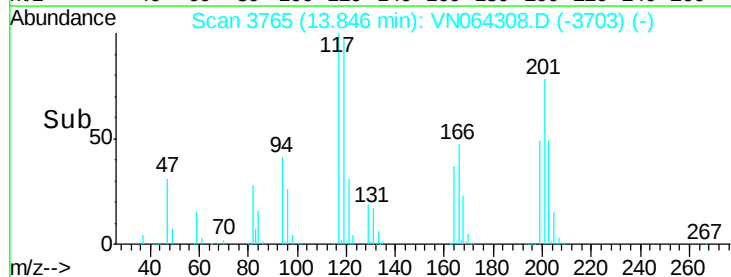
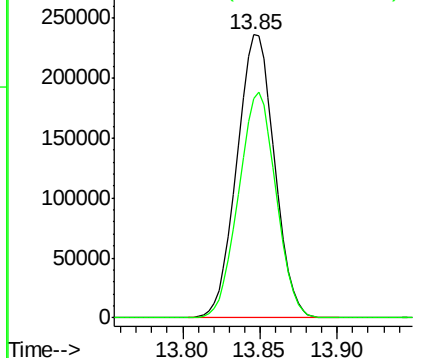
117 100

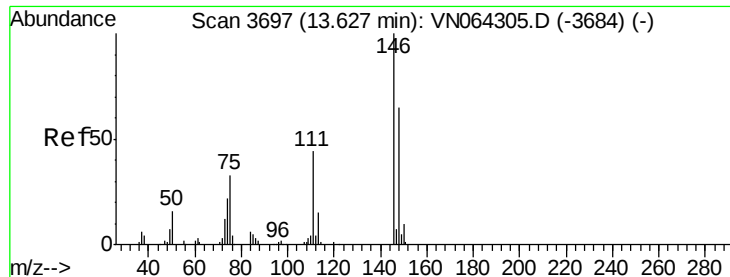
201 79.5 39.6 118.7



Abundance Ion 117.00 (116.70 to 117.70): VN064308.D (-3753) (-)

Ion 201.00 (200.70 to 201.70): VN064308.D (-3753) (-)





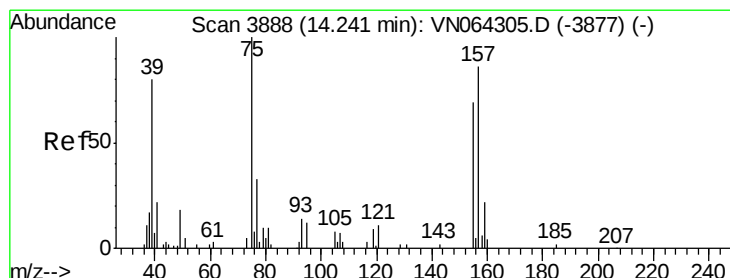
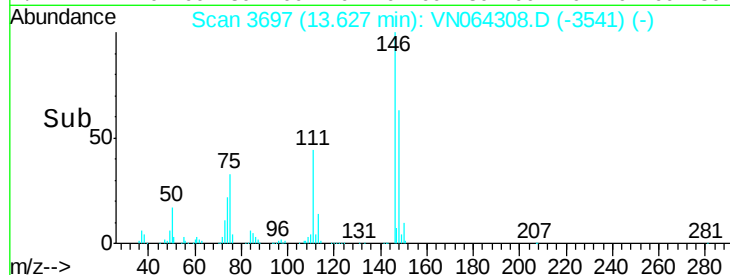
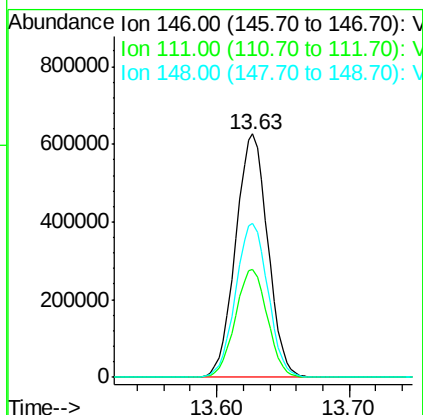
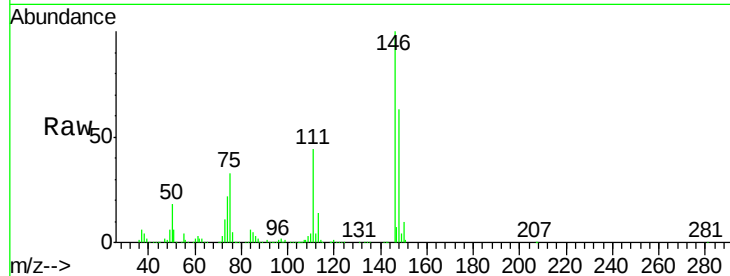
#87
 1,2-Dichlorobenzene
 Concen: 157.877 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.3	66.8
148	63.8	31.6	95.0

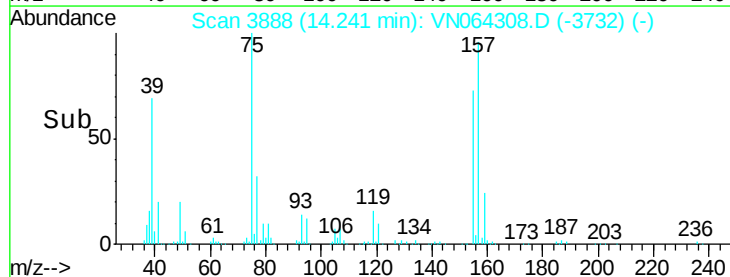
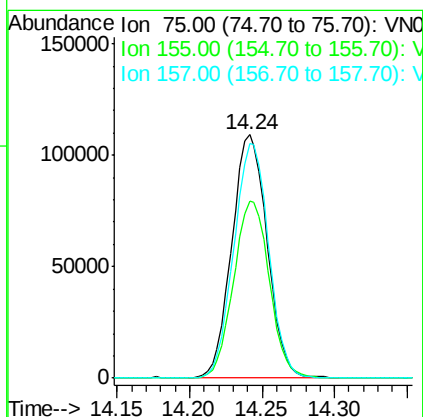
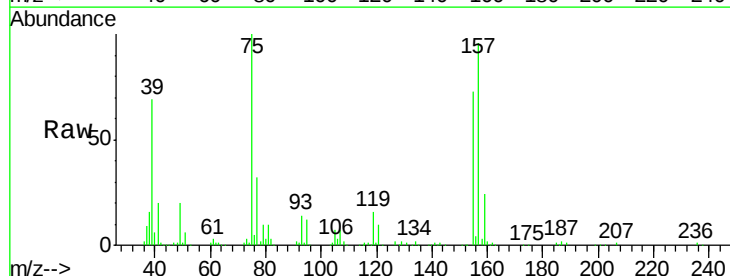
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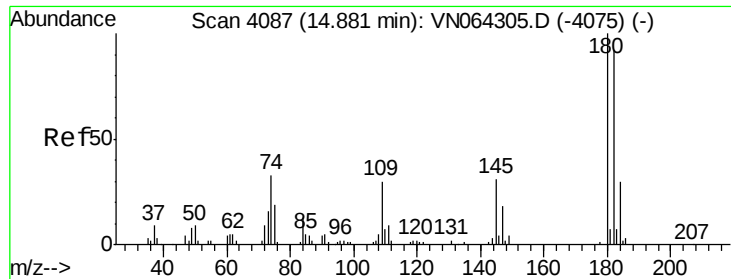
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 173.051 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064308.D
 Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	55.8	83.8
157	95.1	72.1	108.1





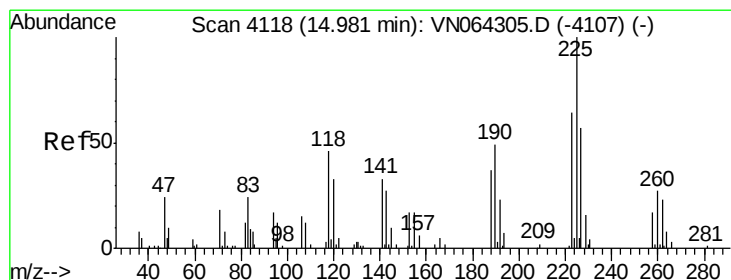
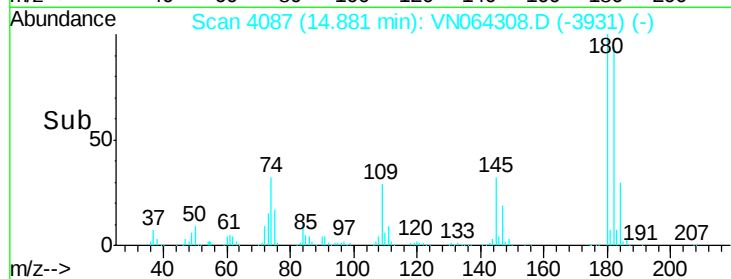
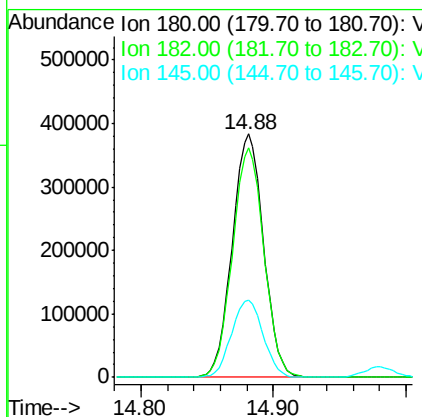
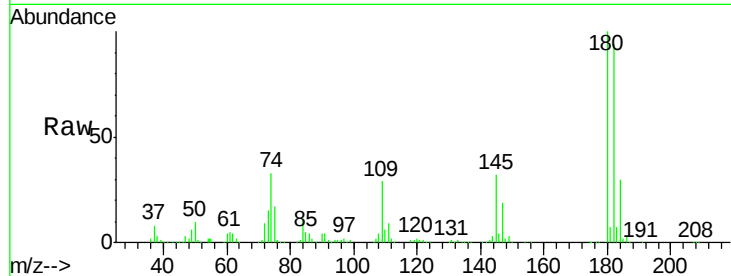
#89
1,2,4-Trichlorobenzene
Concen: 166.056 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	627186		
182	94.9	76.6	114.8	
145	32.2	25.4	38.0	

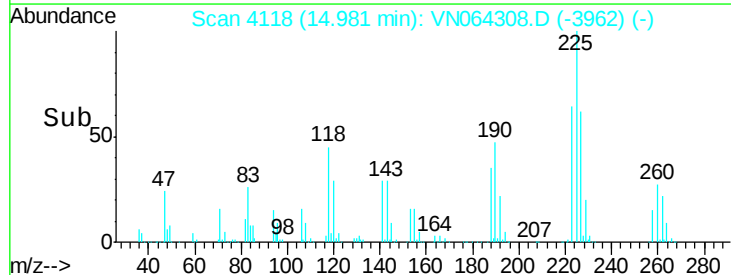
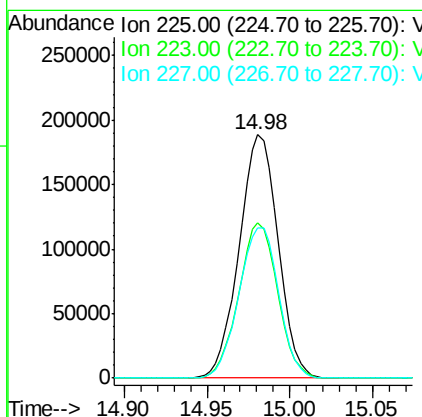
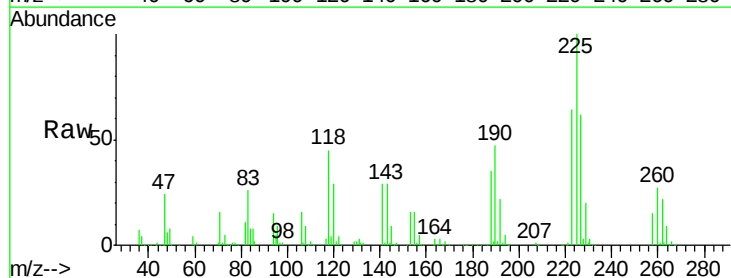
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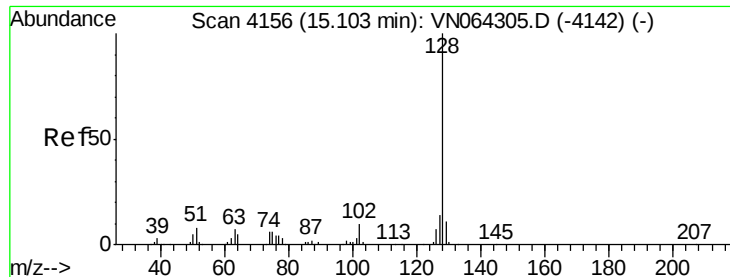
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#90
Hexachlorobutadiene
Concen: 150.089 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	308918		
223	63.6	0.0	122.0	
227	63.2	0.0	118.0	





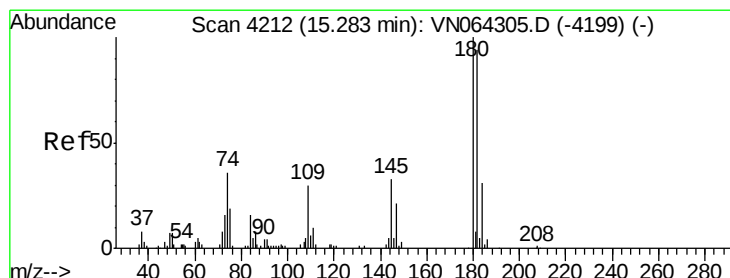
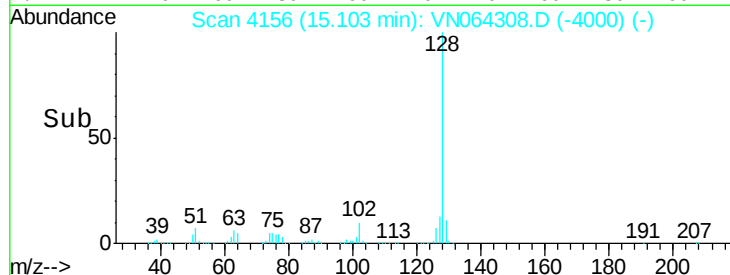
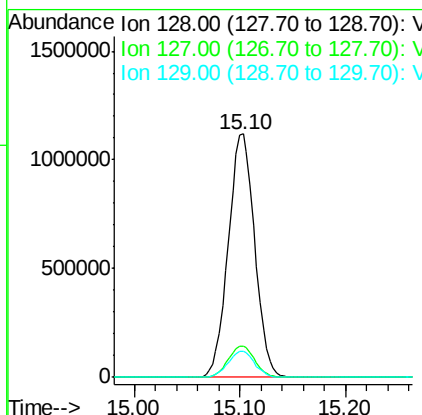
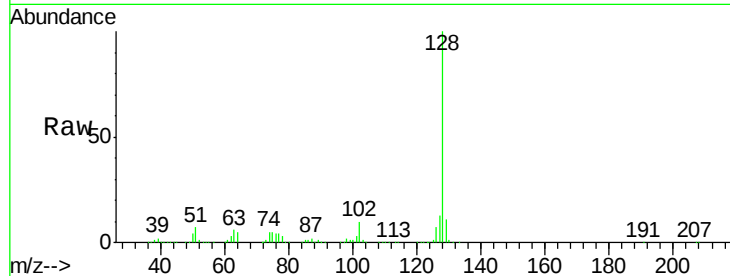
#91
Naphthalene
Concen: 173.198 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.8	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 168.293 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064308.D
Acq: 26 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	190.0
145	33.3	0.0	67.8

