

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065037.D
 Acq On : 10 Dec 2020 9:49
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:14 PM

Quant Time: Dec 10 14:14:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	168378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1603	1.139	ug/l	78
3) Chloromethane	2.04	50	2190	1.189	ug/l #	81
4) Vinyl Chloride	2.17	62	1866	0.967	ug/l	97
6) Chloroethane	2.68	64	1263	1.046	ug/l #	88
7) Trichlorofluoromethane	2.99	101	3045	1.127	ug/l	89
8) Diethyl Ether	3.37	74	1240	1.160	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1762	1.084	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	1812	1.131	ug/l #	88
14) Allyl chloride	4.27	41	2382m	0.900	ug/l	
15) Acrylonitrile	4.94	53	2920m	3.520	ug/l	
16) Acetone	3.78	43	4553	6.926	ug/l	95
17) Carbon Disulfide	4.01	76	4889	1.070	ug/l #	84
18) Methyl Acetate	4.28	43	1729m	0.899	ug/l	
19) Methyl tert-butyl Ether	5.00	73	4299m	0.831	ug/l	
20) Methylene Chloride	4.51	84	2523	1.259	ug/l #	92
21) trans-1,2-Dichloroethene	4.99	96	1525	0.855	ug/l #	62
22) Diisopropyl ether	5.91	45	4019m	0.752	ug/l	
23) Vinyl Acetate	5.85	43	15340m	3.613	ug/l	
24) 1,1-Dichloroethane	5.80	63	3545m	1.110	ug/l	
25) 2-Butanone	6.79	43	4588	4.466	ug/l	97
26) 2,2-Dichloropropane	6.78	77	3060m	1.105	ug/l	
27) cis-1,2-Dichloroethene	6.77	96	1786	0.884	ug/l	96
28) Bromochloromethane	7.14	49	1155	0.790	ug/l #	82
29) Tetrahydrofuran	7.17	42	2447	3.482	ug/l #	86
30) Chloroform	7.33	83	3493	1.054	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	3039m	1.073	ug/l	
36) 1,1-Dichloropropene	7.75	75	2402	0.913	ug/l	89
37) Ethyl Acetate	6.88	43	1951m	0.782	ug/l	
38) Carbon Tetrachloride	7.73	117	2572	0.938	ug/l	96
39) Methylcyclohexane	9.05	83	2094	0.751	ug/l	94
40) Benzene	8.00	78	7340	0.910	ug/l	99
41) Methacrylonitrile	7.13	41	1022m	0.850	ug/l	
42) 1,2-Dichloroethane	8.09	62	2336	0.857	ug/l	84
43) Isopropyl Acetate	8.12	43	2969	0.735	ug/l #	90

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	2024	0.854	ug/l	94
45) 1,2-Dichloropropane	9.08	63	2014	0.956	ug/l	97
46) Dibromomethane	9.17	93	1364	0.973	ug/l	95
47) Bromodichloromethane	9.37	83	2467	0.875	ug/l #	90
48) Methyl methacrylate	9.17	41	1424	0.738	ug/l	88
49) 1,4-Dioxane	9.17	88	233	6.400	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	8989	3.710	ug/l #	86
52) Toluene	10.12	92	3948	0.793	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	2318	0.742	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	2591	0.771	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	1690	0.820	ug/l #	87
56) Ethyl methacrylate	10.40	69	1632	0.584	ug/l #	78
57) 1,3-Dichloropropane	10.67	76	2480	0.734	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.67	63	5351	3.474	ug/l	96
59) 2-Hexanone	10.72	43	6207	3.562	ug/l	87
60) Dibromochloromethane	10.87	129	1742	0.764	ug/l	91
61) 1,2-Dibromoethane	10.98	107	1798	0.864	ug/l	87
64) Tetrachloroethene	10.60	164	2146	0.901	ug/l	92
65) Chlorobenzene	11.40	112	4793	0.899	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	1896	0.967	ug/l #	63
67) Ethyl Benzene	11.48	91	6691	0.756	ug/l	98
68) m/p-Xylenes	11.60	106	4752	1.410	ug/l	92
69) o-Xylene	11.92	106	2213	0.693	ug/l	98
70) Styrene	11.94	104	3397	0.630	ug/l	91
71) Bromoform	12.10	173	1226	0.787	ug/l #	84
73) Isopropylbenzene	12.22	105	5298	0.771	ug/l	93
74) N-amyl acetate	12.05	43	1669	0.628	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.48	83	2338	1.157	ug/l #	88
76) 1,2,3-Trichloropropane	12.53	75	2169m	1.032	ug/l	
77) Bromobenzene	12.50	156	1435	0.773	ug/l	65
78) n-propylbenzene	12.57	91	5903	0.757	ug/l	94
79) 2-Chlorotoluene	12.65	91	3734	0.774	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	3779	0.662	ug/l	98
82) 4-Chlorotoluene	12.75	91	3617	0.715	ug/l	95
83) tert-Butylbenzene	12.97	119	3442	0.720	ug/l	90
84) 1,2,4-Trimethylbenzene	13.01	105	3605	0.624	ug/l	99
85) sec-Butylbenzene	13.15	105	4312	0.683	ug/l	94
86) p-Isopropyltoluene	13.26	119	3566	0.620	ug/l	95
87) 1,3-Dichlorobenzene	13.25	146	2790	0.845	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	3014	0.864	ug/l	84
89) n-Butylbenzene	13.59	91	3490	0.695	ug/l	91
90) Hexachloroethane	13.85	117	1012	1.007	ug/l	86
91) 1,2-Dichlorobenzene	13.62	146	3133	0.966	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.24	75	276	0.620	ug/l #	48
93) 1,2,4-Trichlorobenzene	14.89	180	826	0.421	ug/l	81
94) Hexachlorobutadiene	14.97	225	940	0.940	ug/l	86
95) Naphthalene	15.11	128	2207	0.377	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.29	180	690	0.358	ug/l #	83

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Quant Title : SW846 8260
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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

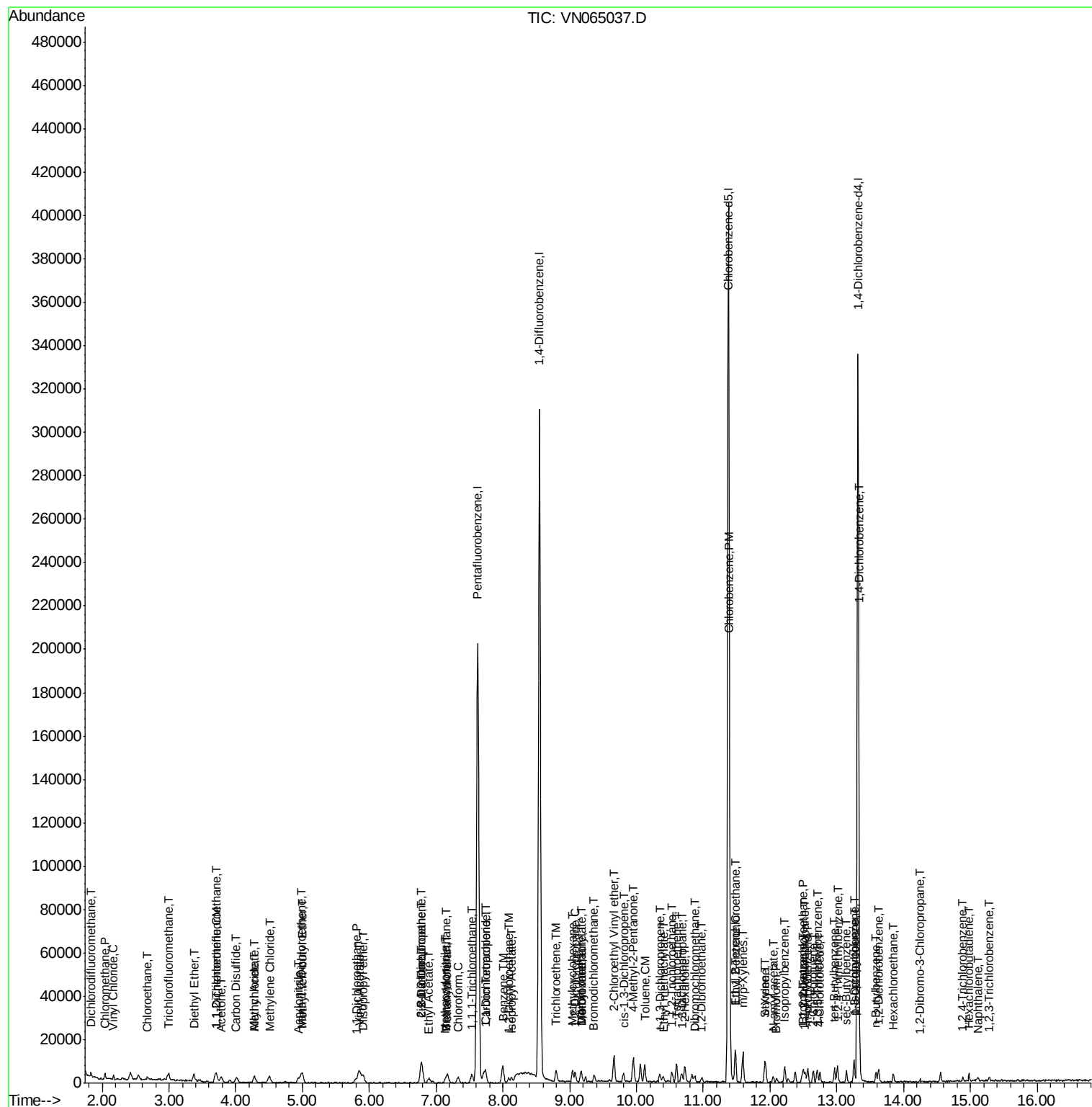
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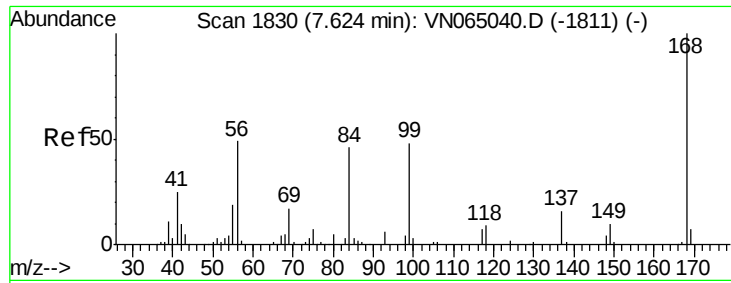
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 168378

Ion Ratio Lower Upper

168 100

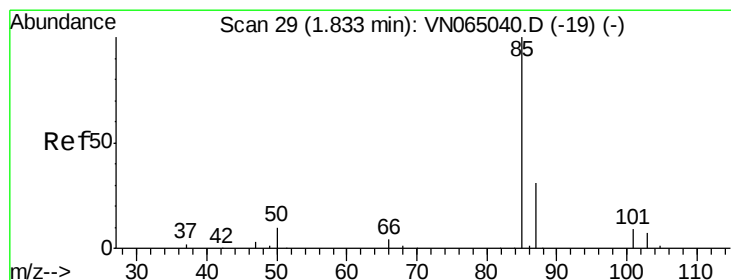
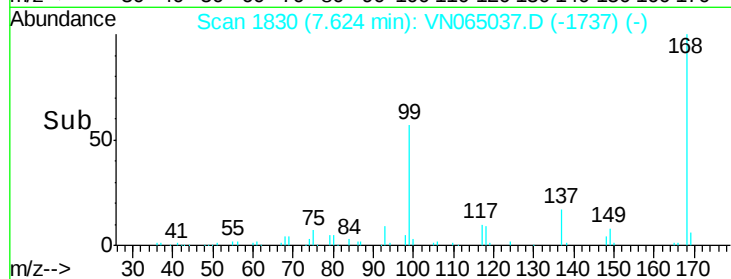
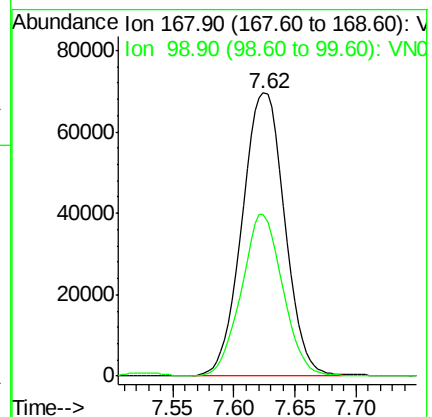
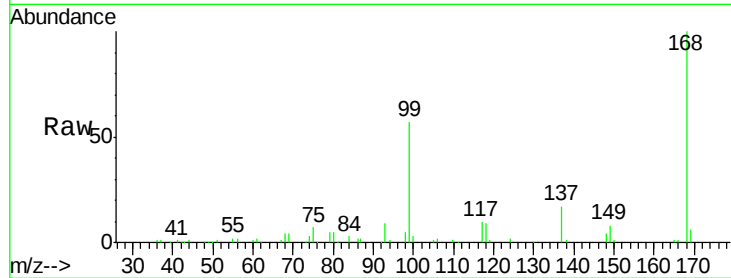
99 57.0 44.0 66.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.139 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065037.D

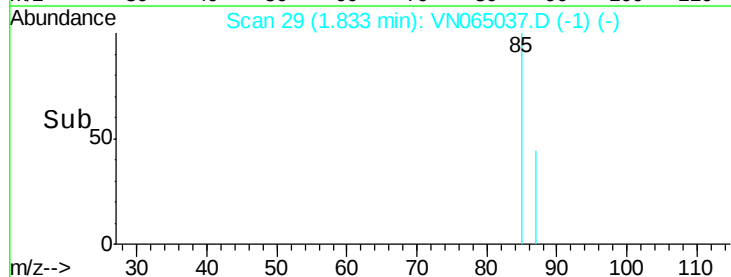
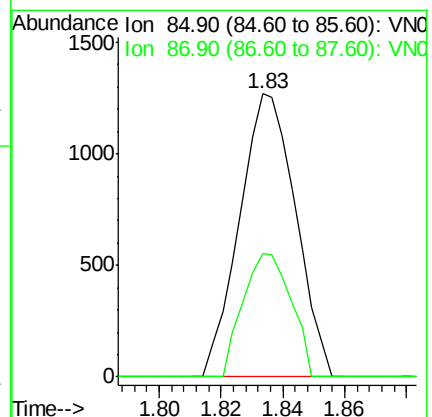
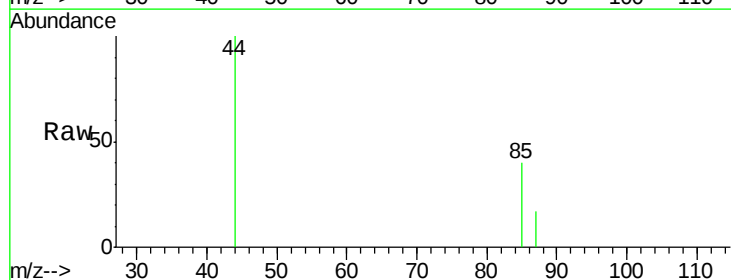
Acq: 10 Dec 2020 9:49

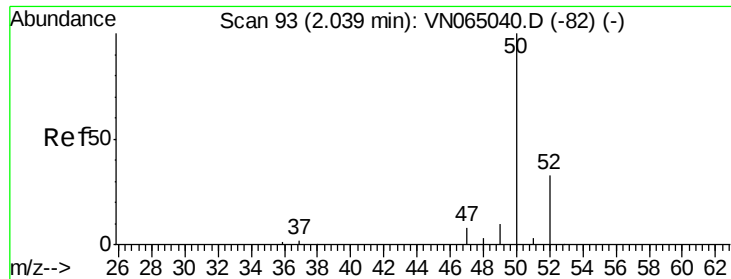
Tgt Ion: 85 Resp: 1603

Ion Ratio Lower Upper

85 100

87 43.7 15.8 47.3





#3

Chloromethane

Concen: 1.189 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2190

Ion Ratio Lower Upper

50 100

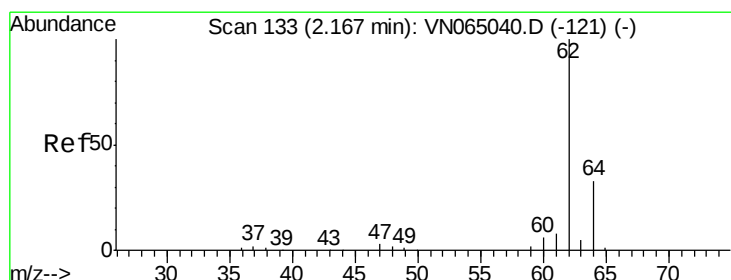
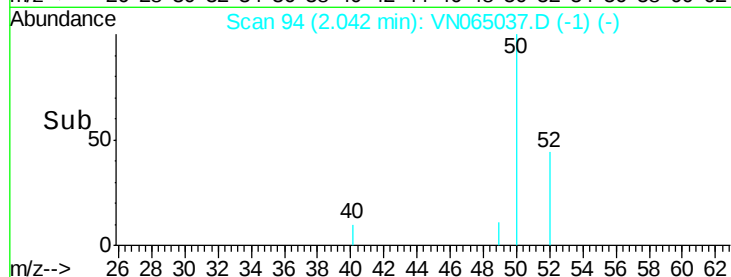
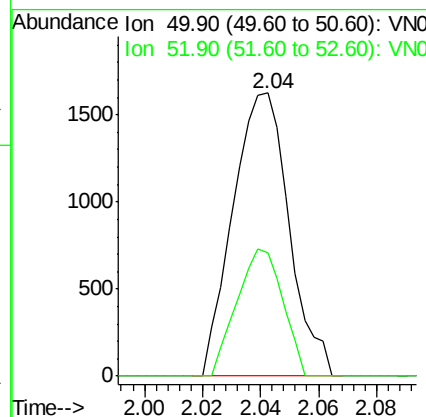
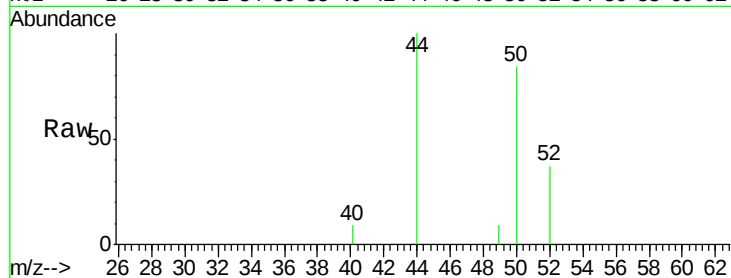
52 43.8 26.5 39.7#

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.967 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065037.D

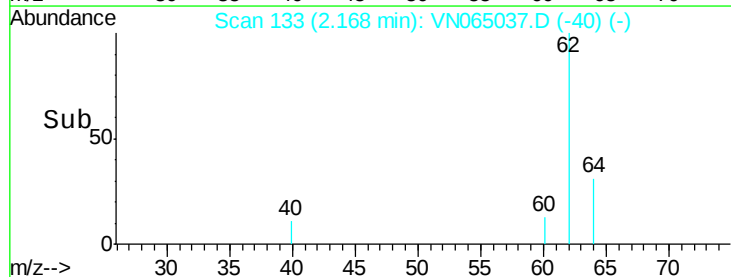
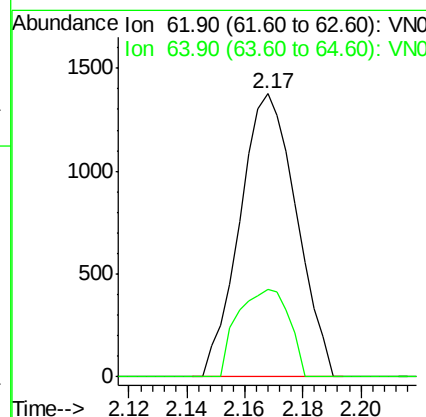
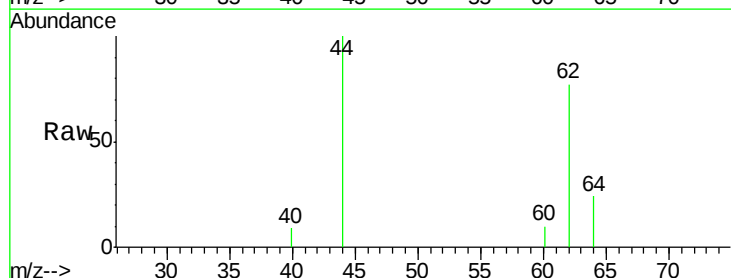
Acq: 10 Dec 2020 9:49

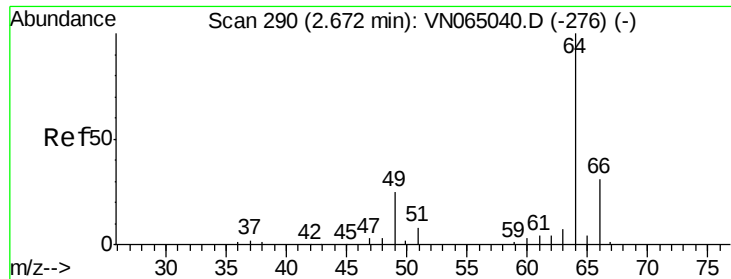
Tgt Ion: 62 Resp: 1866

Ion Ratio Lower Upper

62 100

64 31.0 26.1 39.1





#6

Chloroethane

Concen: 1.046 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1263

Ion Ratio Lower Upper

64 100

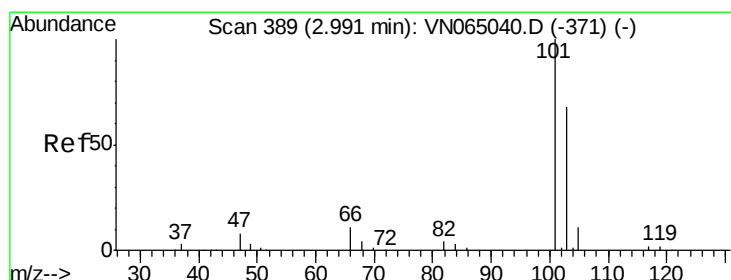
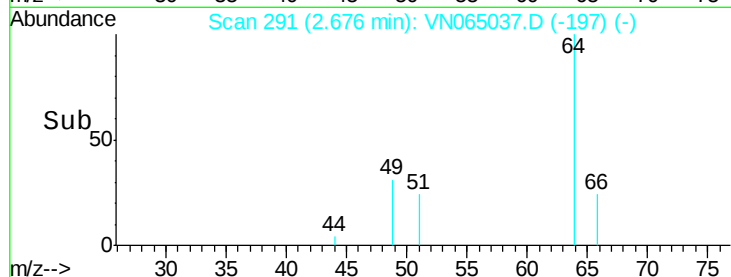
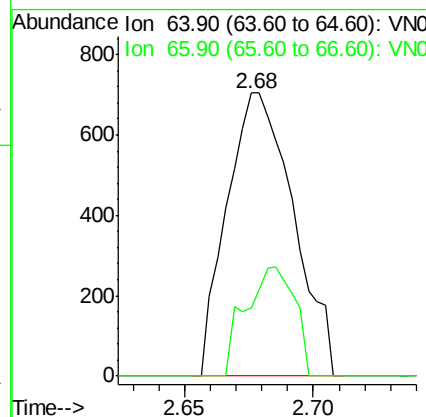
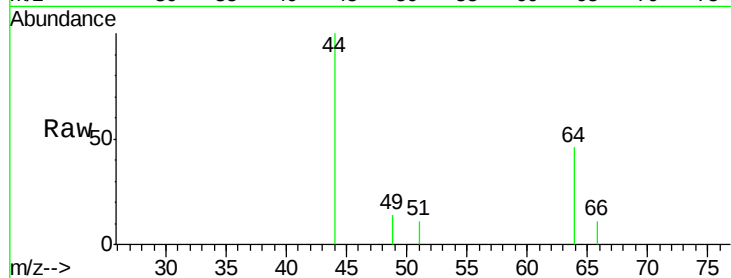
66 24.0 24.6 37.0#

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#7

Trichlorofluoromethane

Concen: 1.127 ug/l

RT: 2.99 min Scan# 390

Delta R.T. 0.00 min

Lab File: VN065037.D

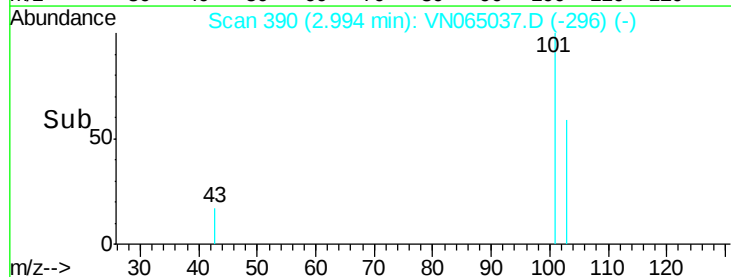
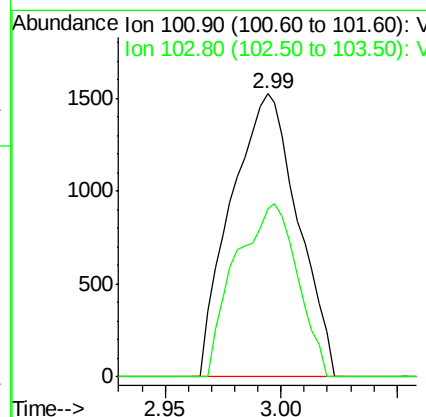
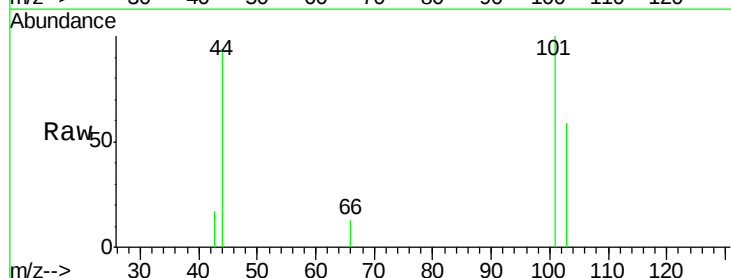
Acq: 10 Dec 2020 9:49

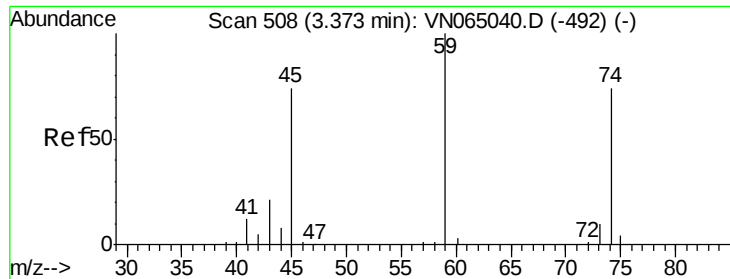
Tgt Ion: 101 Resp: 3045

Ion Ratio Lower Upper

101 100

103 59.5 54.5 81.7





#8

Diethyl Ether

Concen: 1.160 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

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ClientSampleId :

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Tot Ion: 74 Resp: 1240

Ion Ratio Lower Upper

74 100

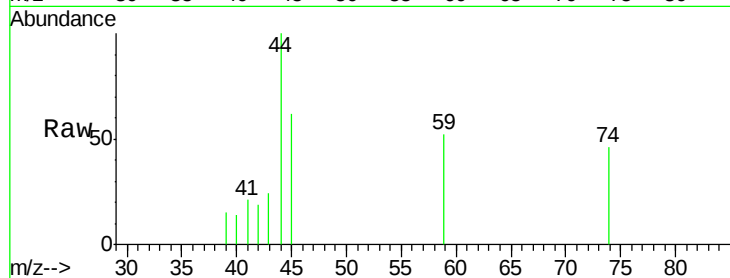
45 155.0 49.1 147.3#

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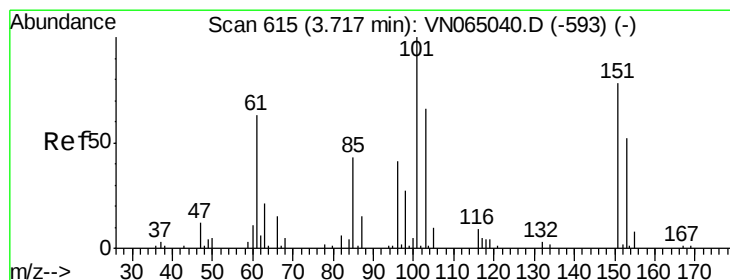
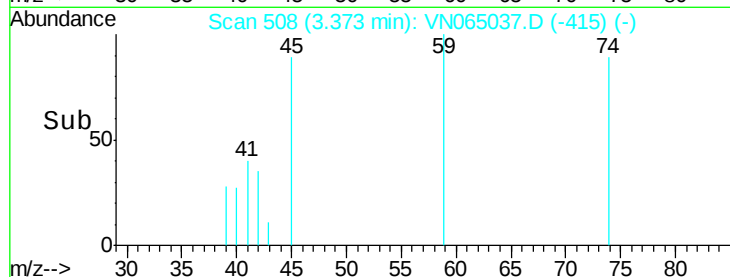
Abundance Ion 74.00 (73.70 to 74.70): VN065037.D (-492) (-)

Ion 45.00 (44.70 to 45.70): VN065037.D (-492) (-)

3.37

3.35 3.40

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.084 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

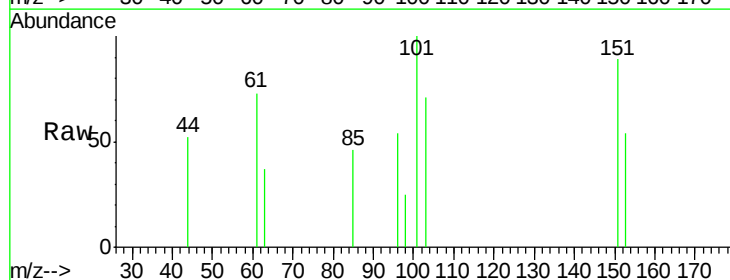
Tgt Ion: 101 Resp: 1762

Ion Ratio Lower Upper

101 100

85 29.2 33.2 49.8#

151 63.5 63.7 95.5#



Abundance Ion 100.90 (100.60 to 101.60): VN065037.D (-593) (-)

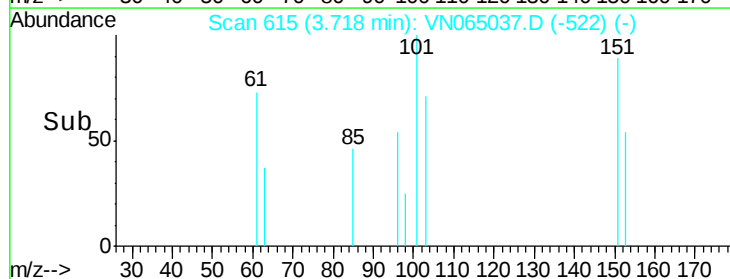
Ion 84.90 (84.60 to 85.60): VN065037.D (-593) (-)

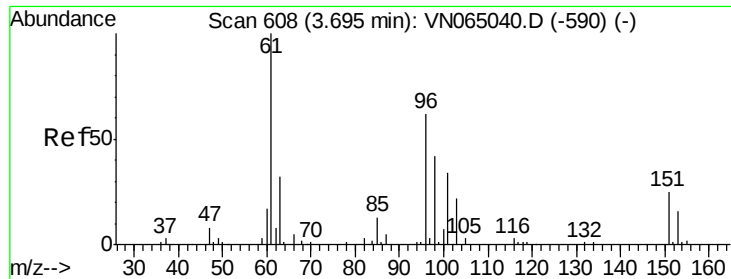
Ion 150.80 (150.50 to 151.50): VN065037.D (-593) (-)

3.72

3.65 3.75

Time-->





#12

1,1-Dichloroethene

Concen: 1.131 ug/l

RT: 3.70 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

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VSTDIC001

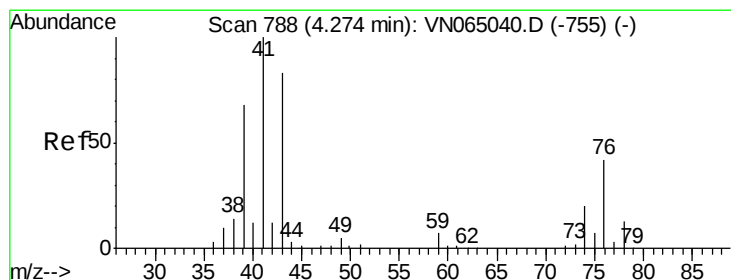
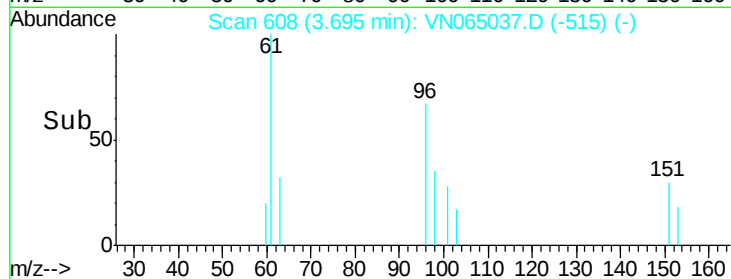
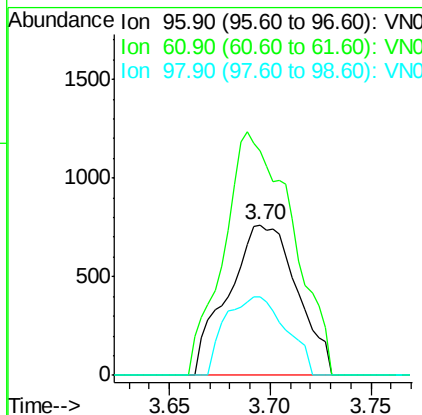
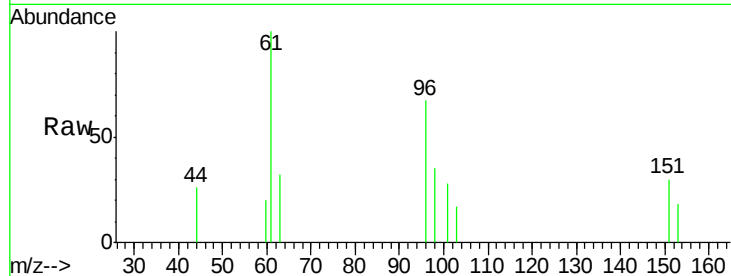
Tot Ion: 96 Resp: 1812

Ion	Ratio	Lower	Upper
96	100		
61	148.8	128.4	192.6
98	51.8	53.6	80.4

Manual Integrations
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#14

Allyl chloride

Concen: 0.900 ug/l m

RT: 4.27 min Scan# 787

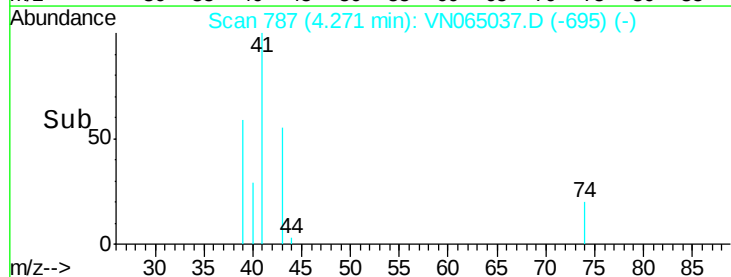
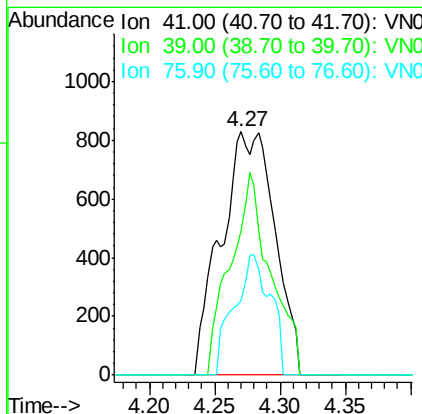
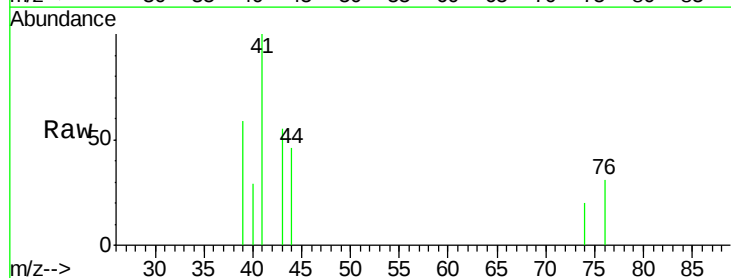
Delta R.T. -0.00 min

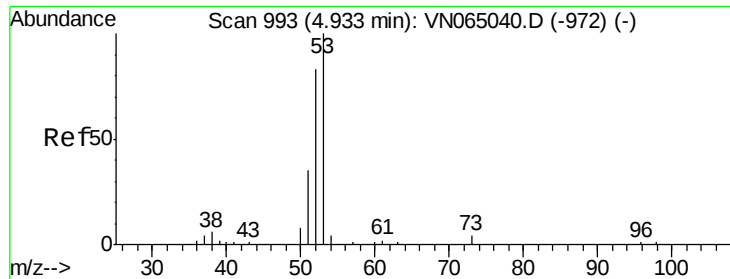
Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion: 41 Resp: 2382

Ion	Ratio	Lower	Upper
41	100		
39	61.7	49.0	73.6
76	32.9	29.6	44.4





#15

Acrylonitrile

Concen: 3.520 ug/l m

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

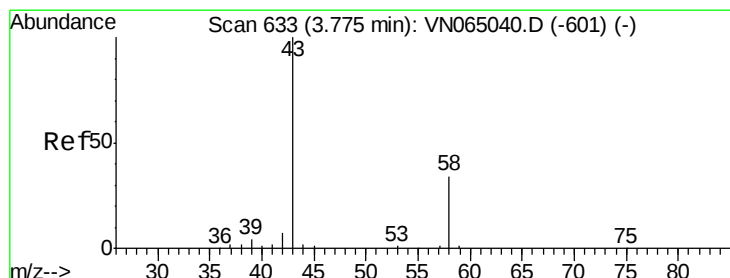
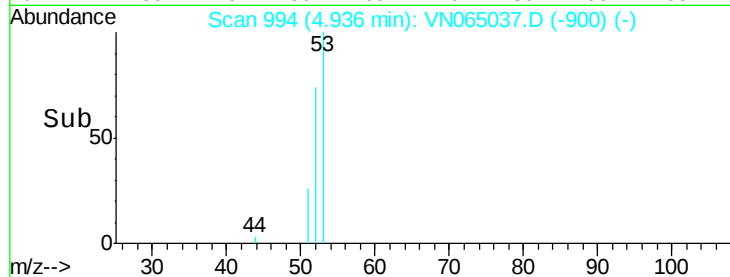
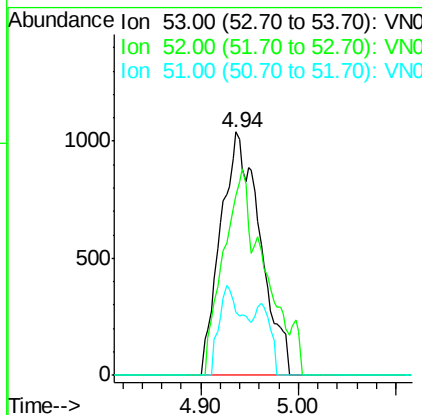
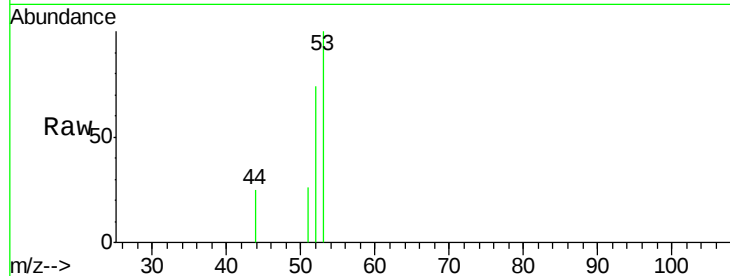
VSTDIC001

Tot Ion:	53	Resp:	2920
Ion	Ratio	Lower	Upper
53	100		
52	85.2	65.4	98.0
51	23.1	27.8	41.6#

Manual Integrations
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MMDadoda

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#16

Acetone

Concen: 6.926 ug/l

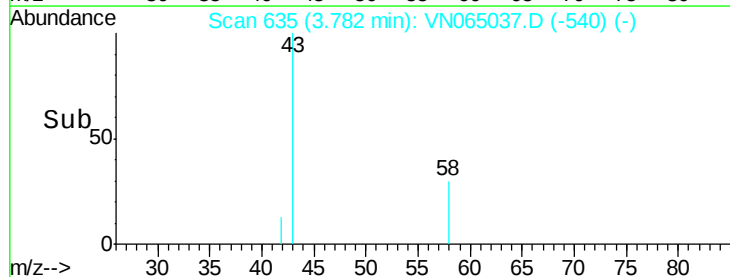
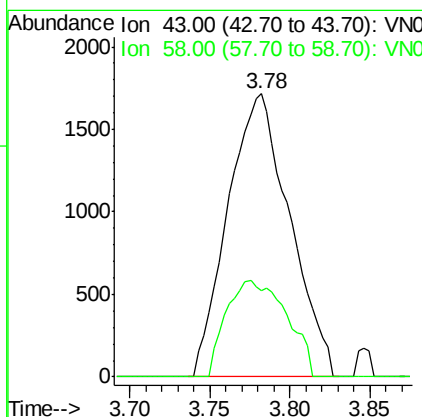
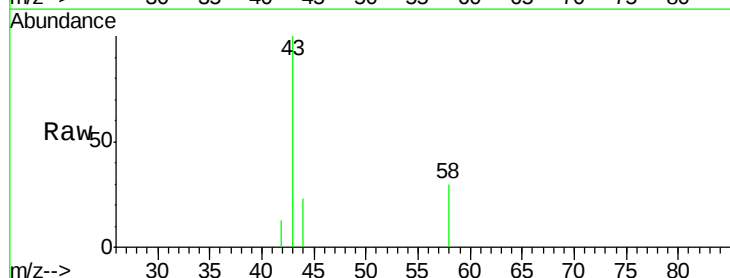
RT: 3.78 min Scan# 635

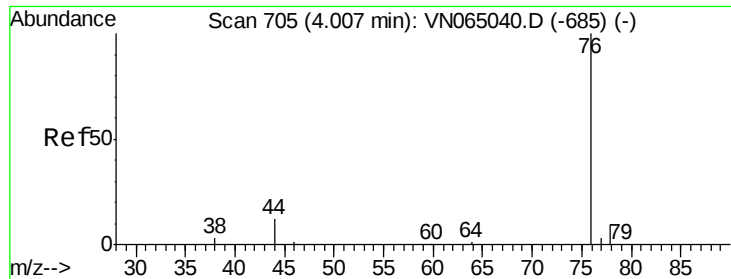
Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion:	43	Resp:	4553
Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.8	40.2





#17

Carbon Disulfide

Concen: 1.070 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 4889

Ion Ratio Lower Upper

76 100

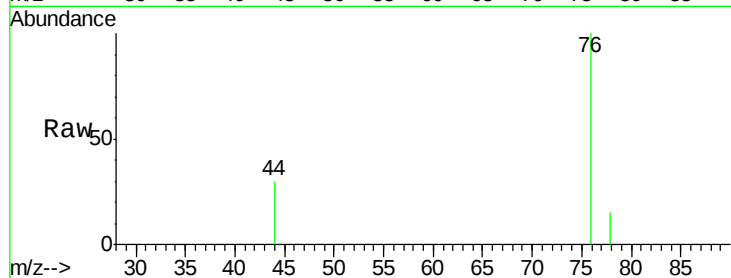
78 14.6 7.1 10.7#

Manual Integrations

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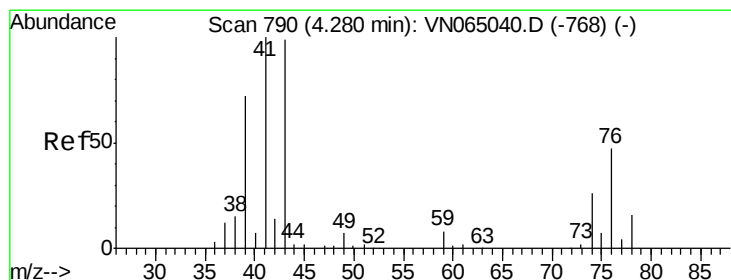
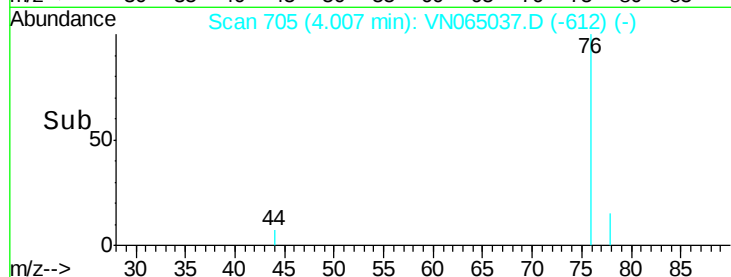
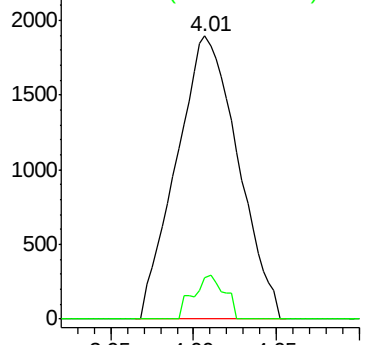
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.899 ug/l m

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN065037.D

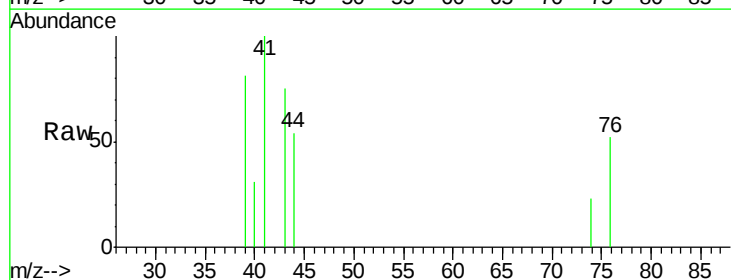
Acq: 10 Dec 2020 9:49

Tgt Ion: 43 Resp: 1729

Ion Ratio Lower Upper

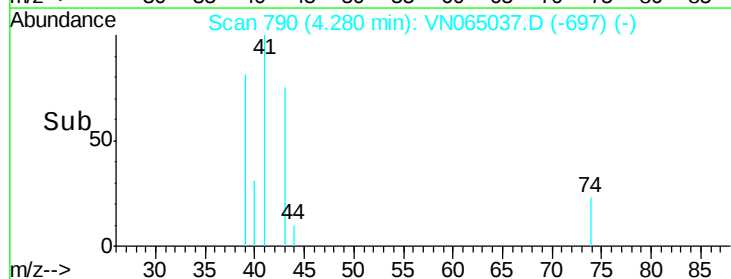
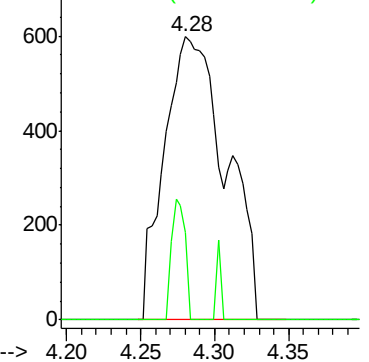
43 100

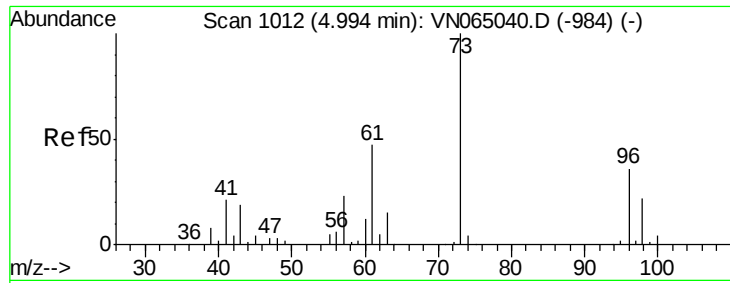
74 9.5 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





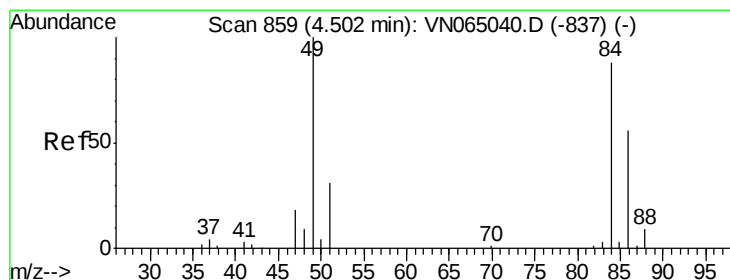
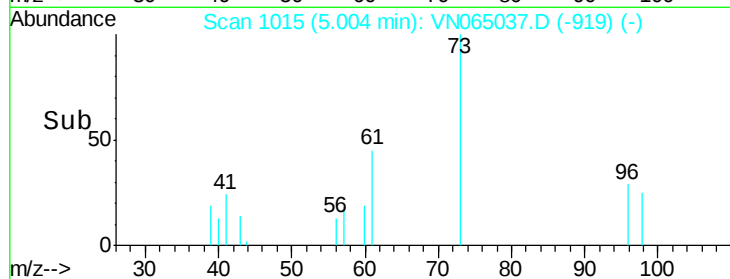
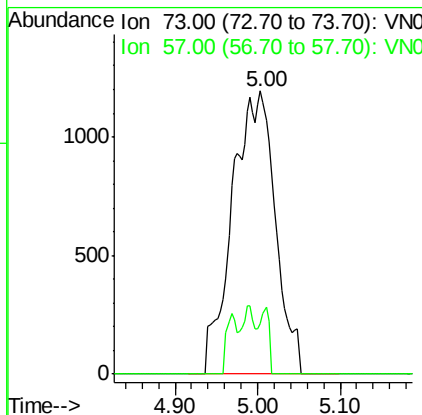
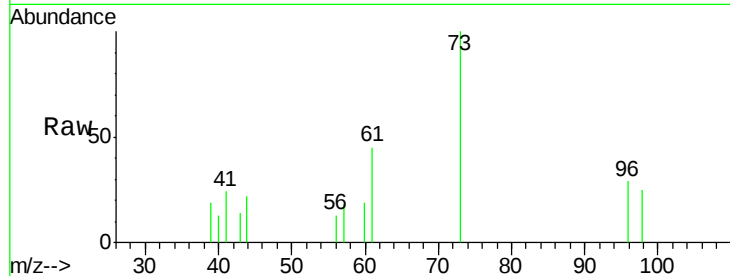
#19
Methyl tert-butyl Ether
Concen: 0.831 ug/l m
RT: 5.00 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 73 Resp: 4299
Ion Ratio Lower Upper
73 100
57 17.7 18.0 27.0#

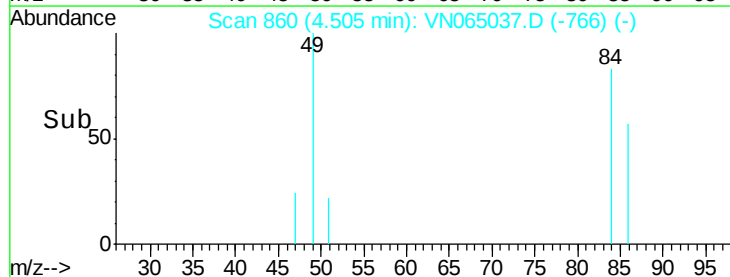
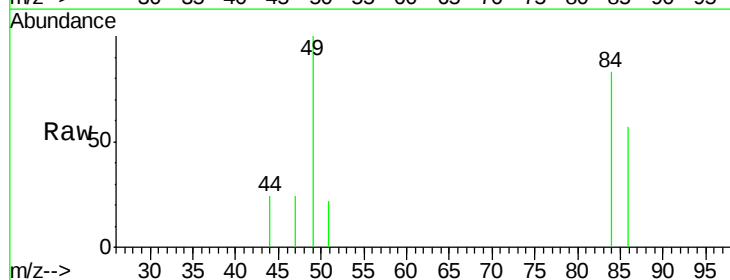
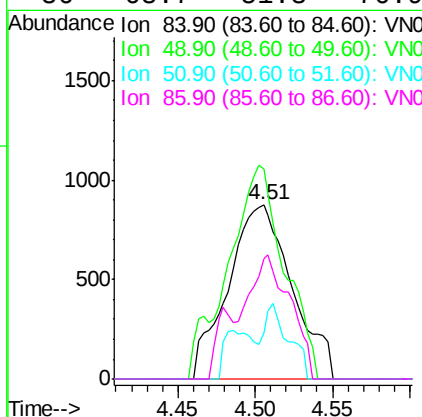
Manual Integrations
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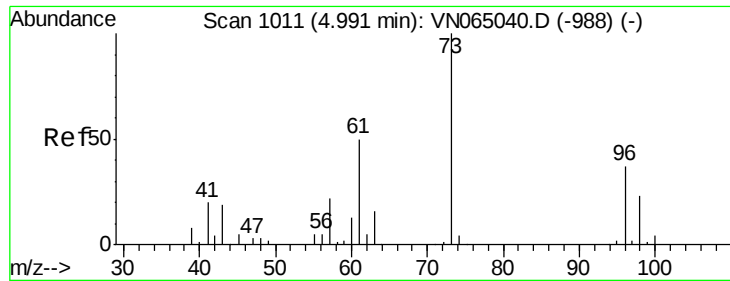
MMDadoda
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#20
Methylene Chloride
Concen: 1.259 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 84 Resp: 2523
Ion Ratio Lower Upper
84 100
49 120.4 90.8 136.2
51 26.4 28.1 42.1#
86 68.7 51.3 76.9





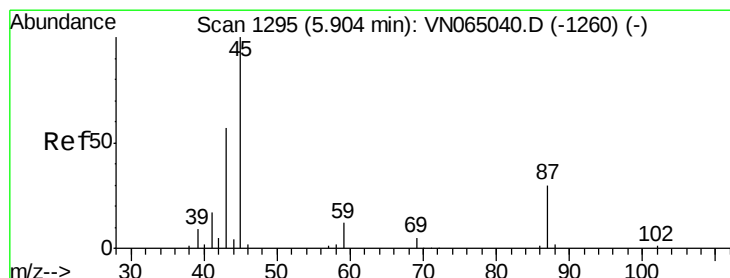
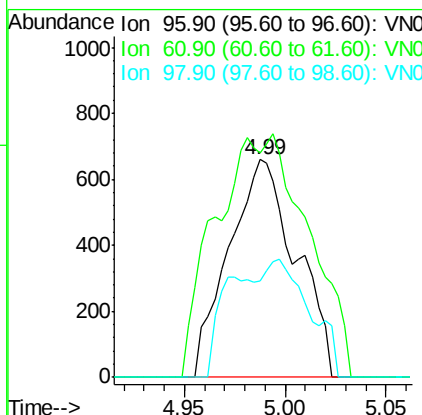
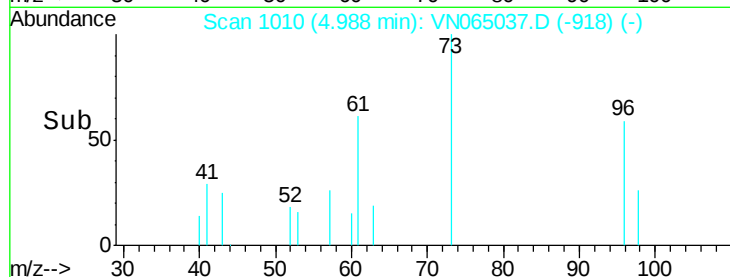
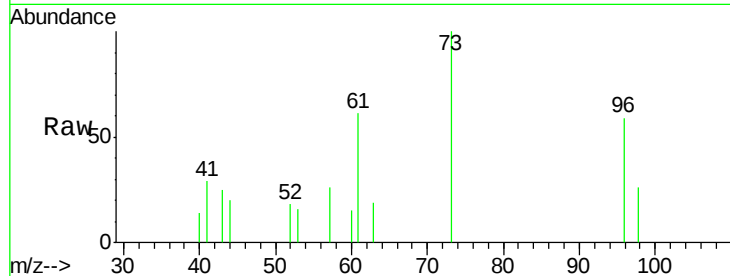
#21
trans-1,2-Dichloroethene
Concen: 0.855 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 96 Resp: 1525
Ion Ratio Lower Upper
96 100
61 79.8 107.1 160.7#
98 44.4 49.8 74.8#

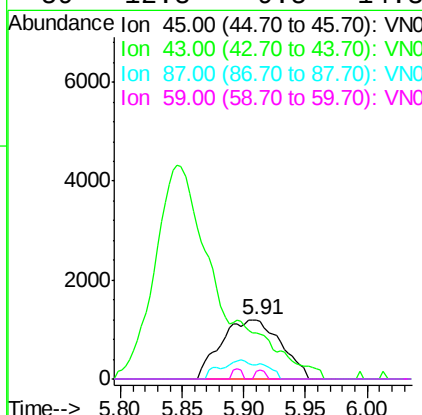
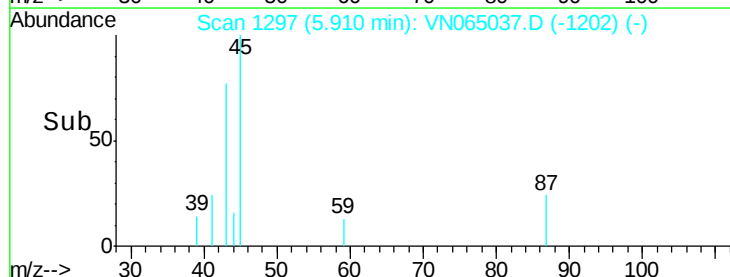
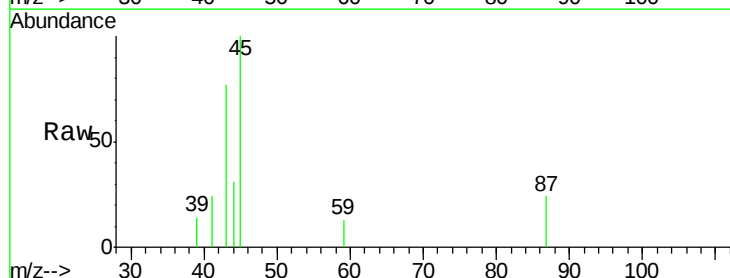
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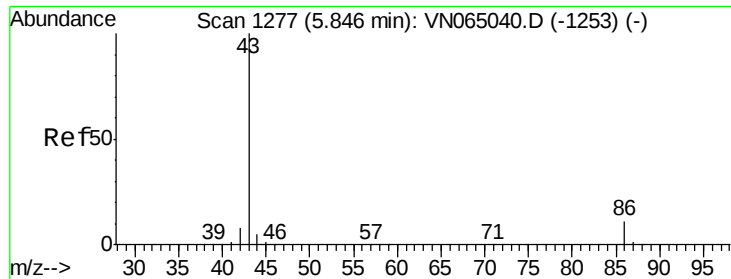
MMDadoda
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#22
Diisopropyl ether
Concen: 0.752 ug/l m
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 45 Resp: 4019
Ion Ratio Lower Upper
45 100
43 77.3 47.9 71.9#
87 24.0 24.3 36.5#
59 12.8 9.5 14.3





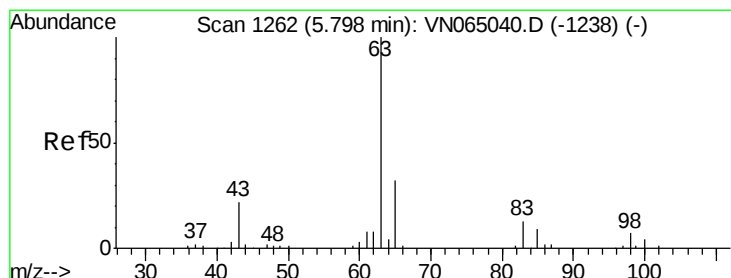
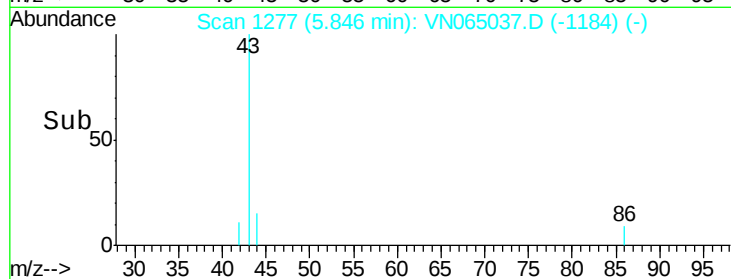
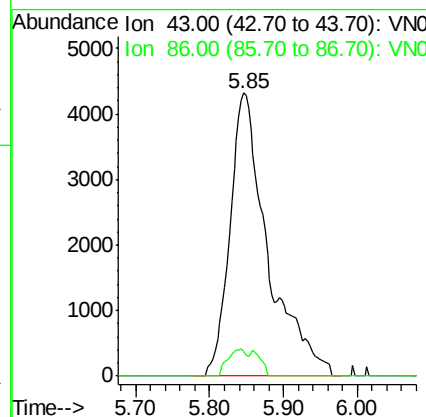
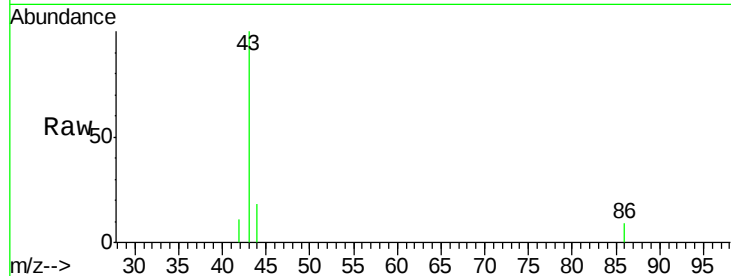
#23
 Vinyl Acetate
 Concen: 3.613 ug/l m
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.8	8.6	12.8

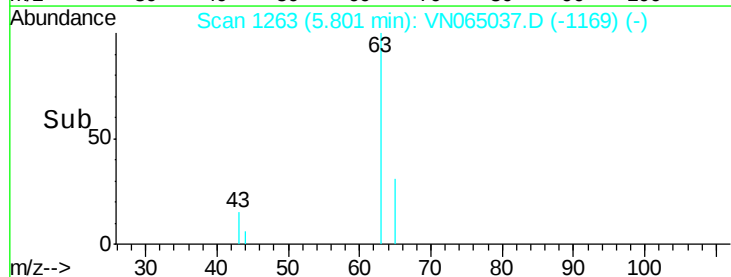
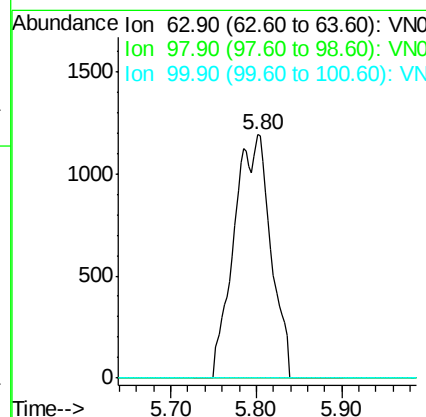
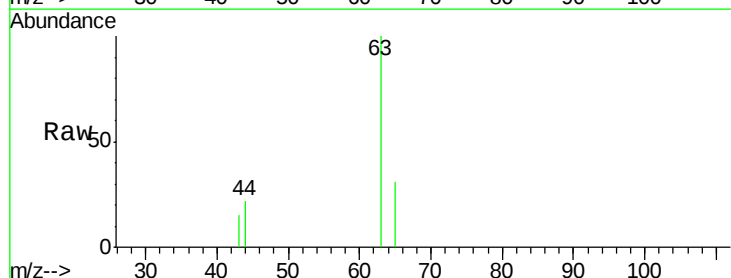
Manual Integrations
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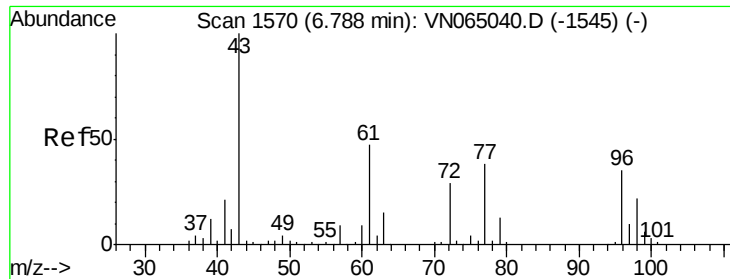
MMDadoda
 12/11/2020 12:32:14 PM



#24
 1,1-Dichloroethane
 Concen: 1.110 ug/l m
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	0.0	2.1	6.2#





#25

2-Butanone

Concen: 4.466 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 4588

Ion Ratio Lower Upper

43 100

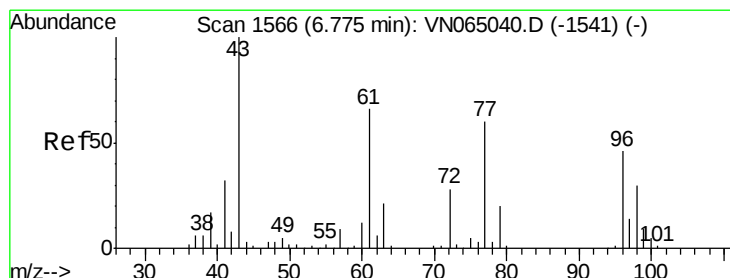
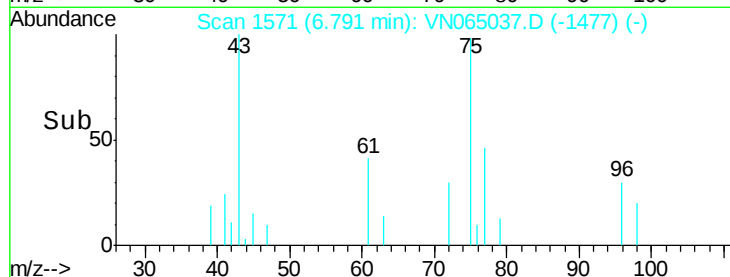
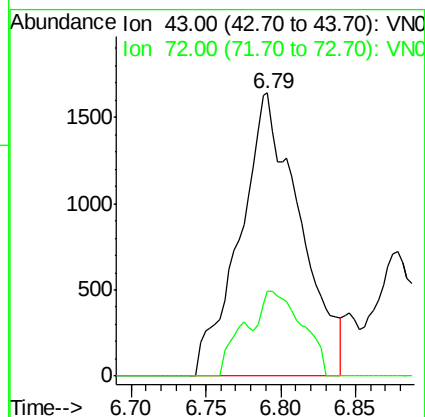
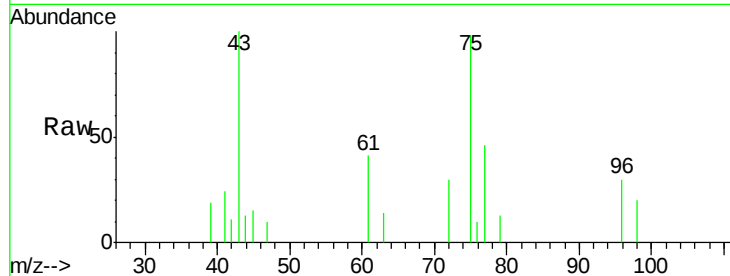
72 30.1 22.9 34.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.105 ug/l m

RT: 6.78 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN065037.D

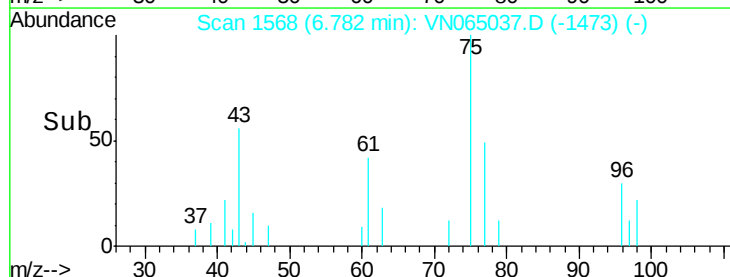
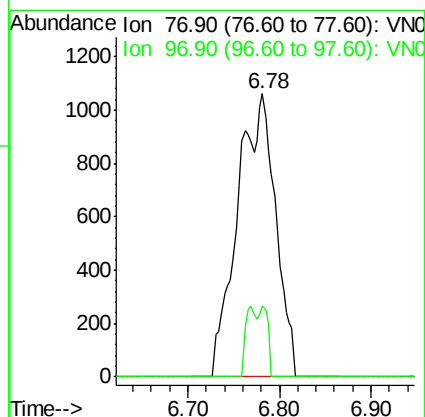
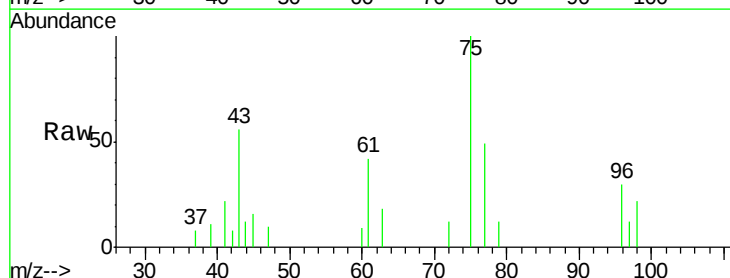
Acq: 10 Dec 2020 9:49

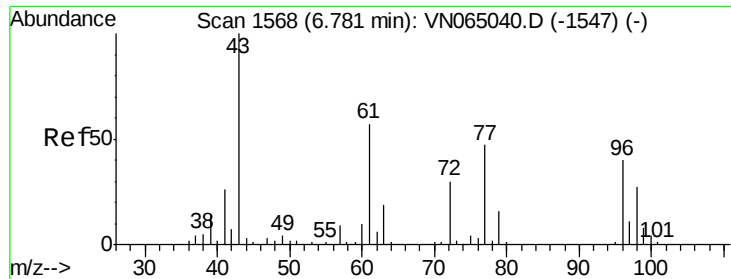
Tgt Ion: 77 Resp: 3060

Ion Ratio Lower Upper

77 100

97 7.3 11.7 35.1#





#27

cis-1,2-Dichloroethene

Concen: 0.884 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

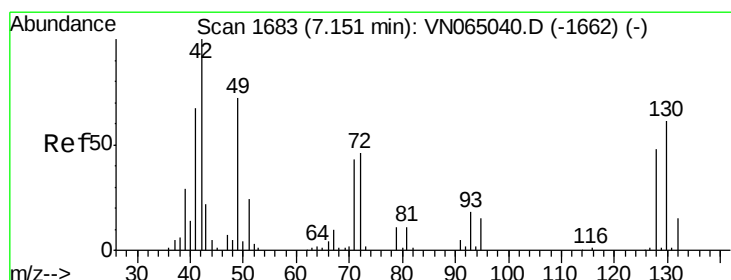
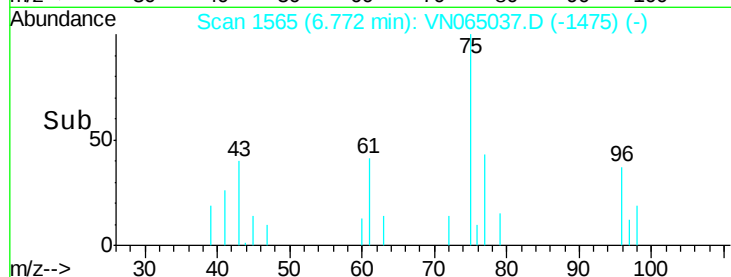
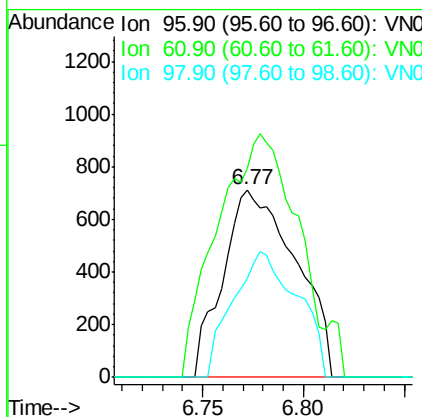
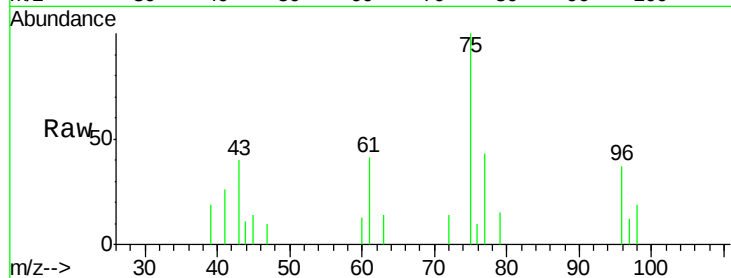
VSTDIC001

Tot Ion:	96	Resp:	1786
Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	283.6
98	59.2	0.0	130.8

Manual Integrations
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#28

Bromochloromethane

Concen: 0.790 ug/l

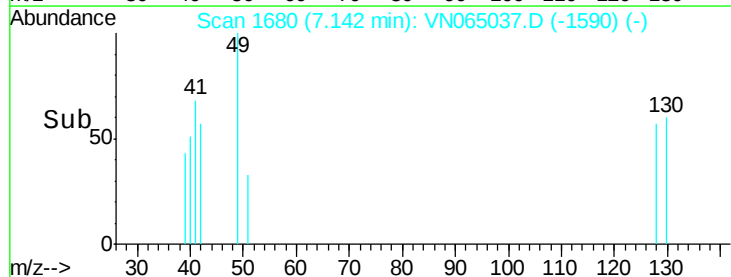
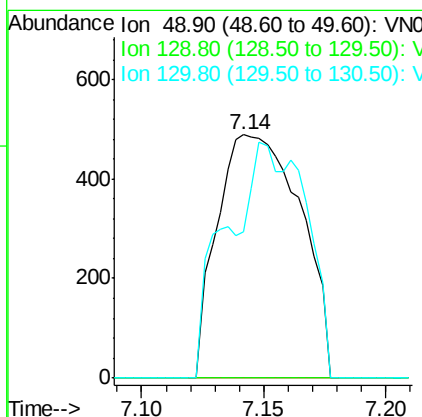
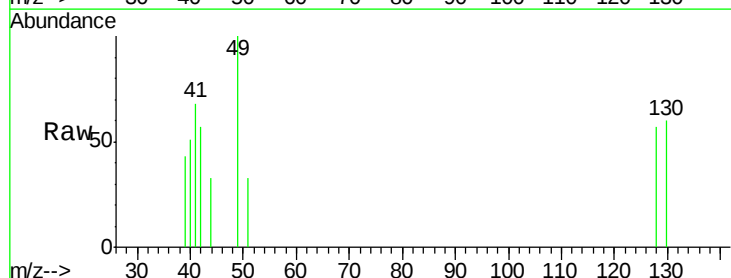
RT: 7.14 min Scan# 1680

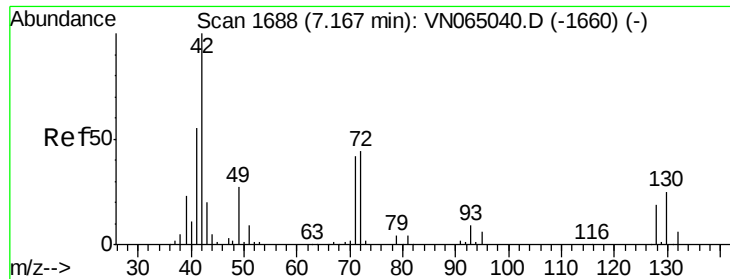
Delta R.T. -0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion:	49	Resp:	1155
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	68.7	67.9	101.9





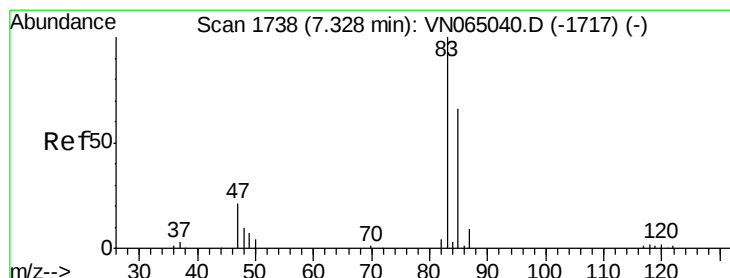
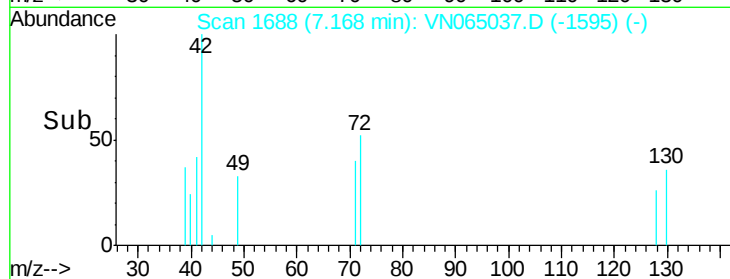
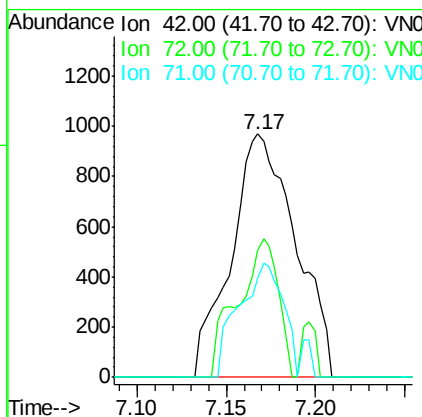
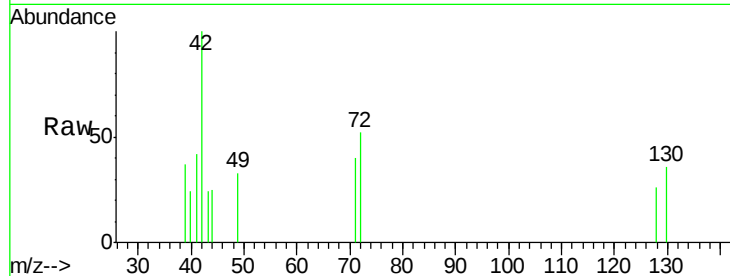
#29
Tetrahydrofuran
Concen: 3.482 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.0	35.8	53.6
71	32.3	33.5	50.3#

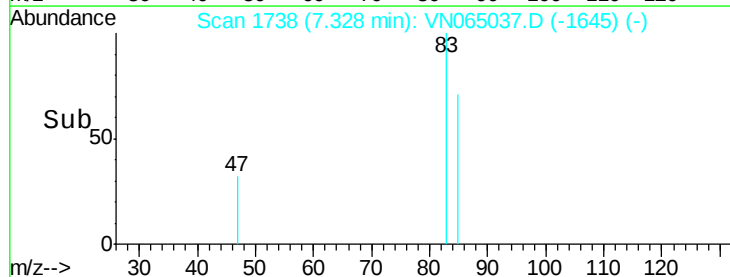
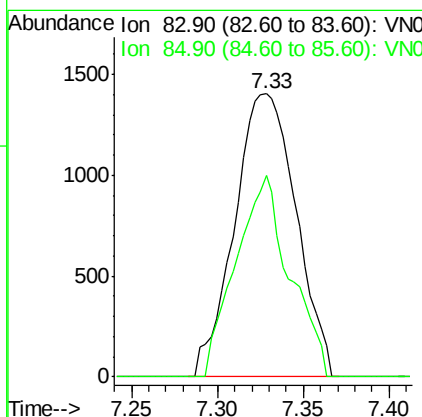
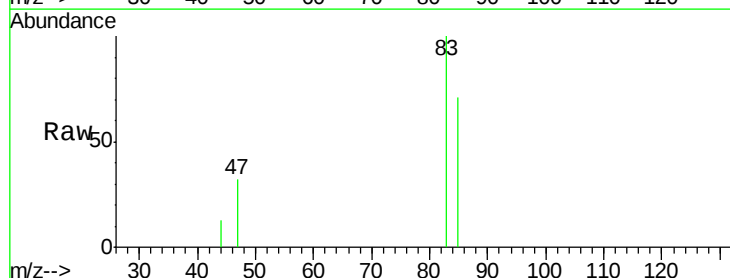
Manual Integrations
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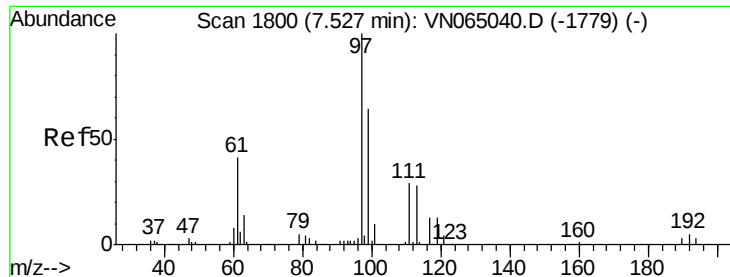
MMDadoda
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#30
Chloroform
Concen: 1.054 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.0	52.6	78.8





#32

1,1,1-Trichloroethane

Concen: 1.073 ug/l m

RT: 7.53 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 3039

Ion Ratio Lower Upper

97 100

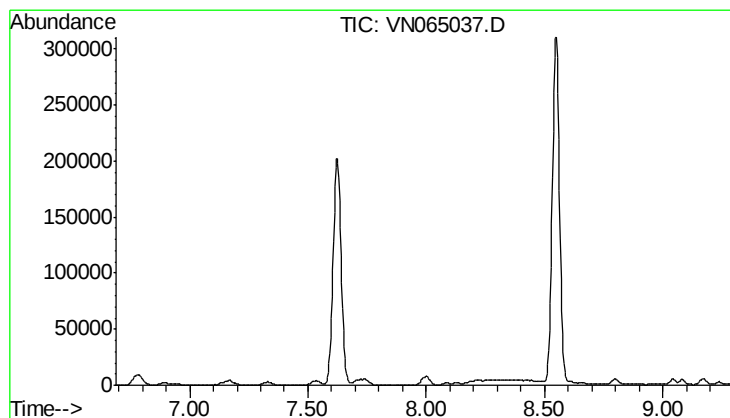
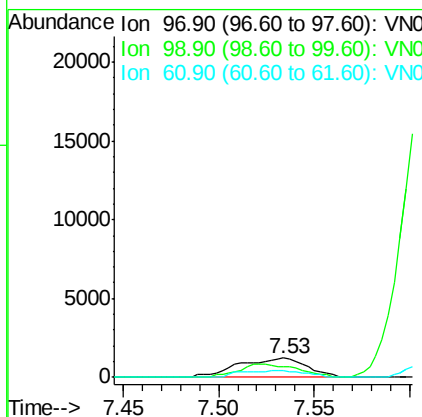
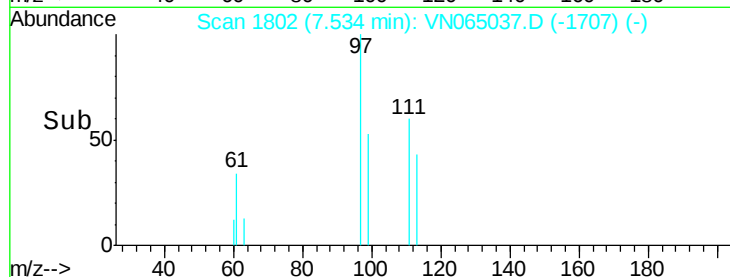
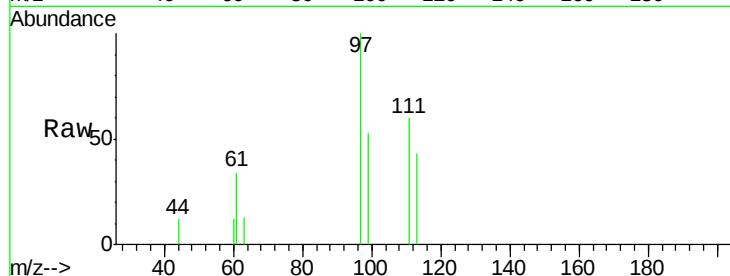
99 0.0 51.7 77.5#

61 33.7 33.5 50.3

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN065037.D

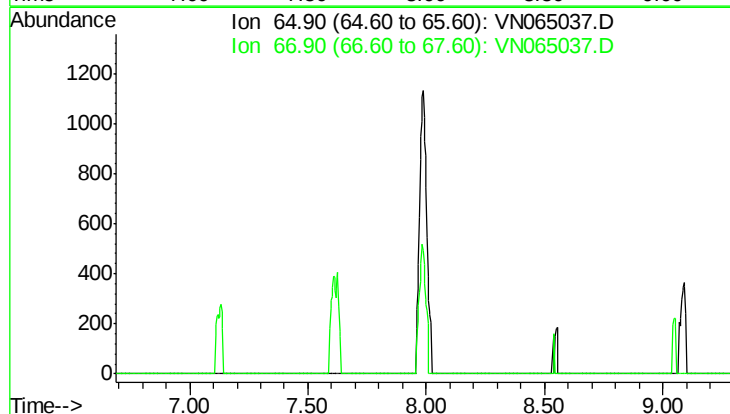
Acq: 10 Dec 2020 9:49

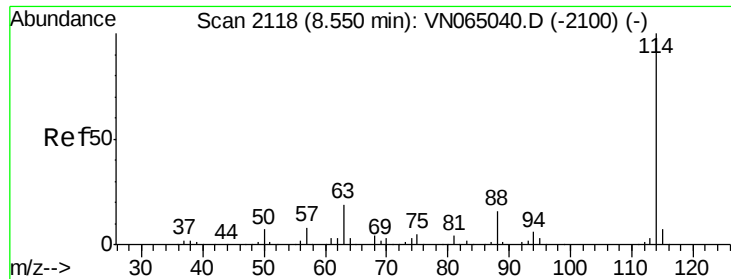
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.2





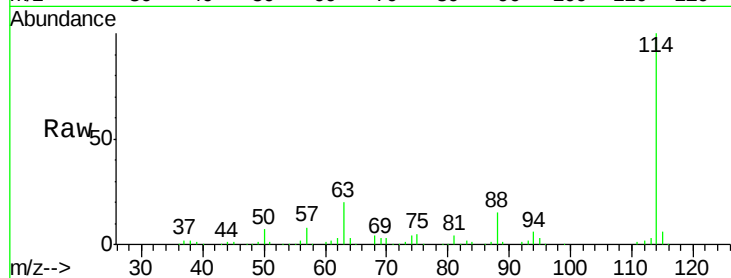
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.7	0.0	38.2
88	14.8	0.0	31.6

Manual Integrations
 APPROVED

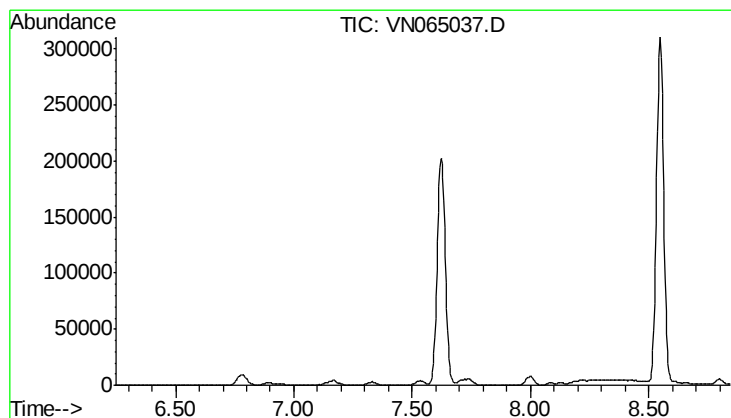
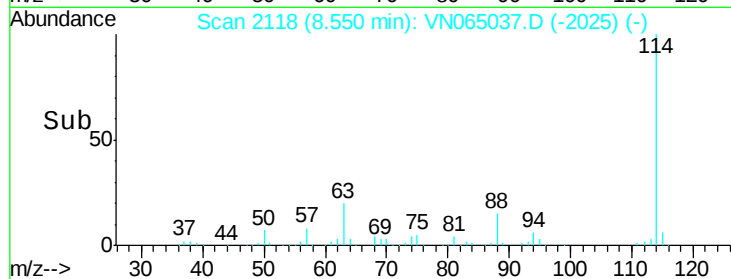
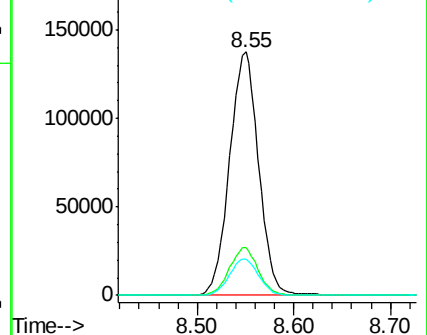
MMDadoda
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

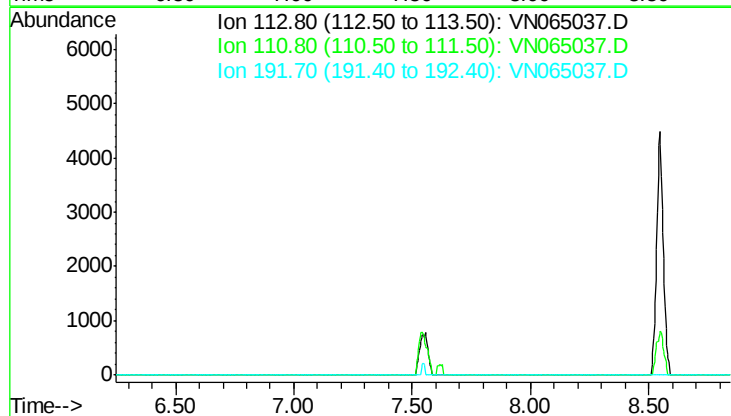
Ion 87.90 (87.60 to 88.60): VN0

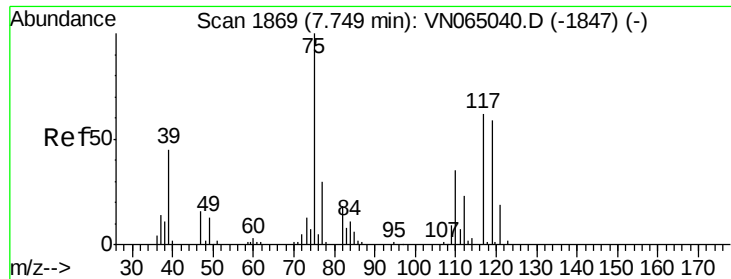


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min

Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion	Exp Ratio
113	100
111	104.2
192	20.2





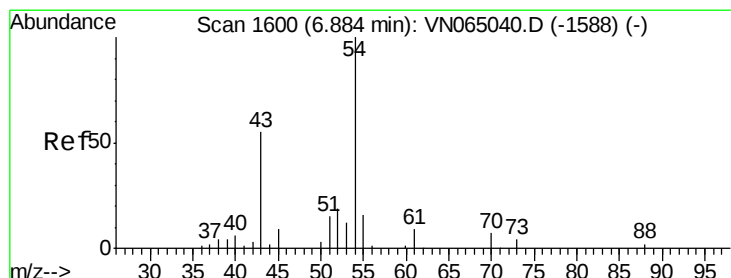
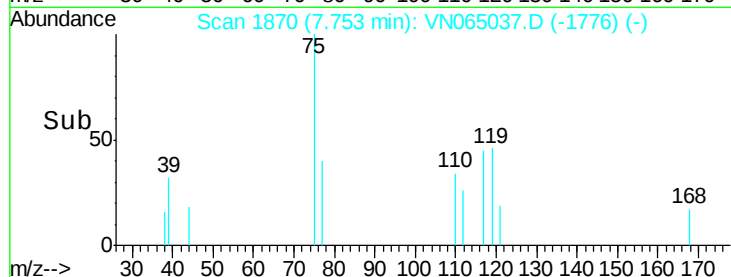
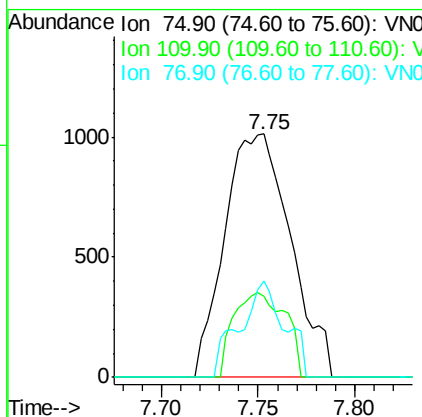
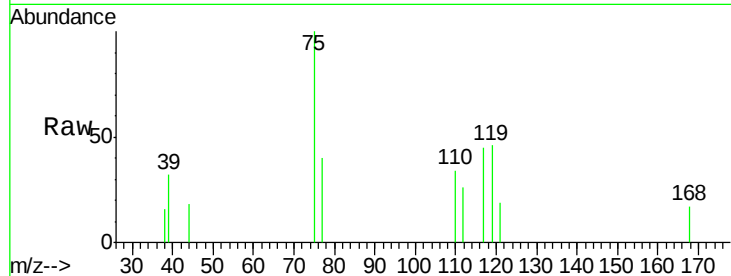
#36
 1,1-Dichloropropene
 Concen: 0.913 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	27.1	18.1	54.1
77	27.2	24.5	36.7

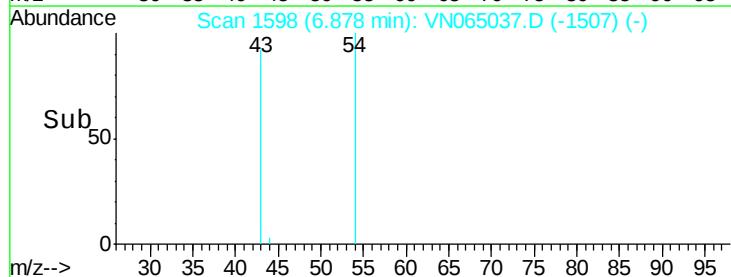
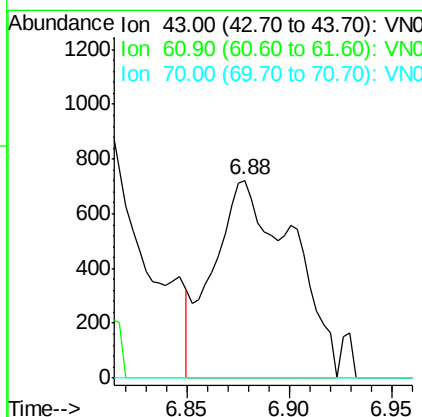
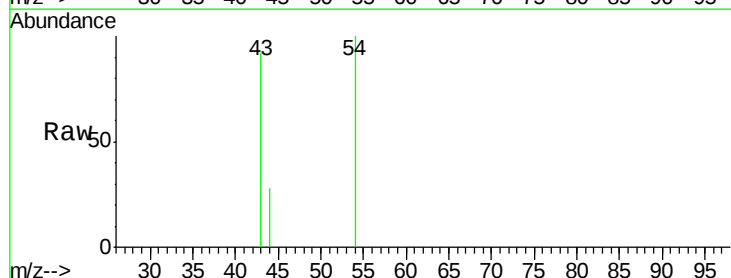
Manual Integrations
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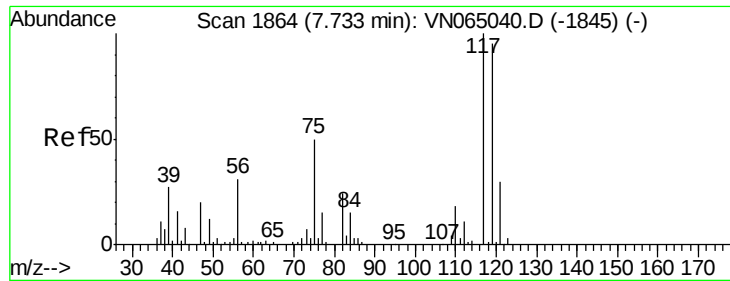
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#37
 Ethyl Acetate
 Concen: 0.782 ug/l m
 RT: 6.88 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	0.0	9.2	13.8#





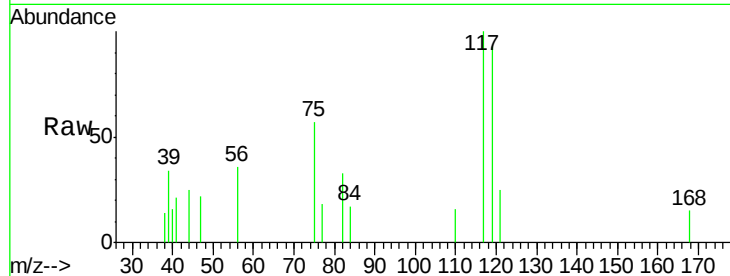
#38
Carbon Tetrachloride
Concen: 0.938 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

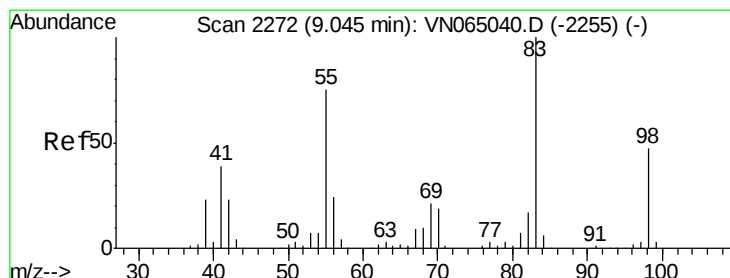
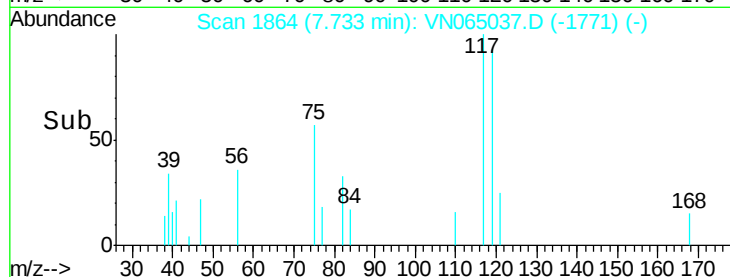
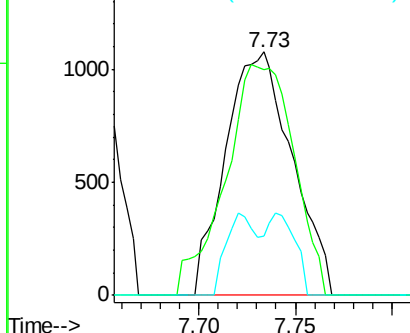
Tot Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.9	113.9
121	24.5	24.1	36.1

Manual Integrations
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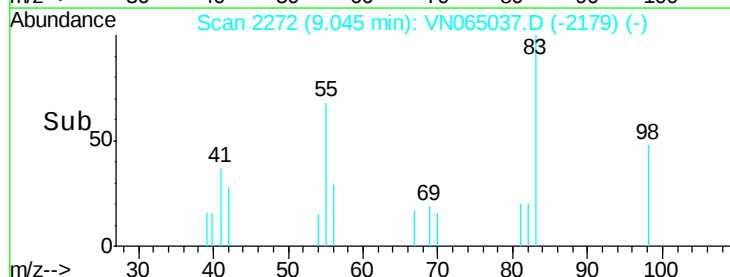
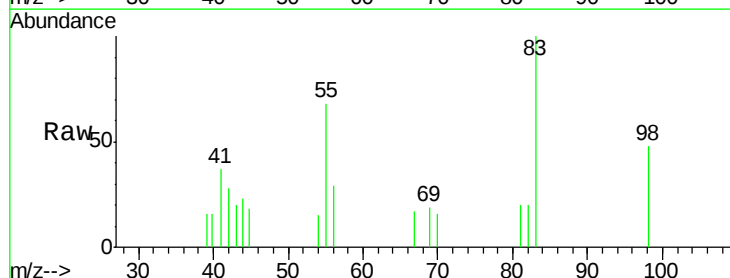
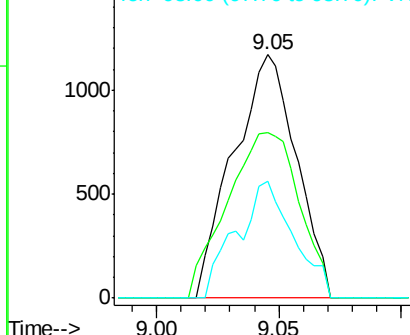
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

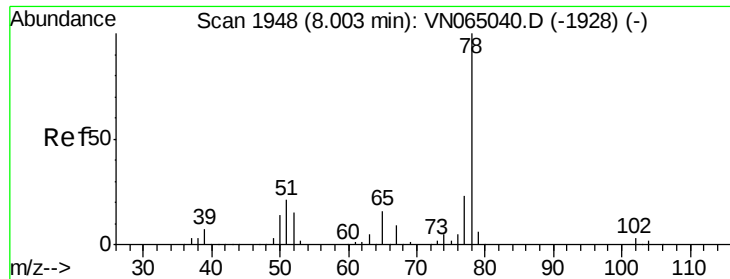


#39
Methylcyclohexane
Concen: 0.751 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.2	60.3	90.5
98	47.8	37.4	56.0

Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.910 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 7340

Ion Ratio Lower Upper

78 100

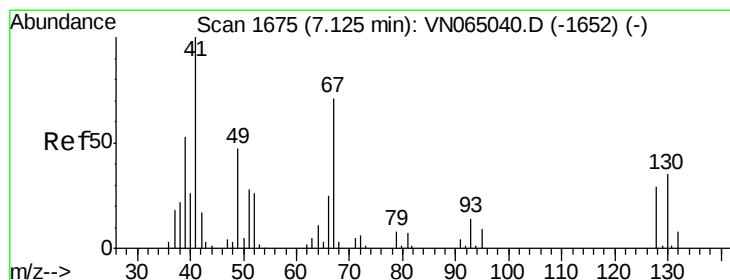
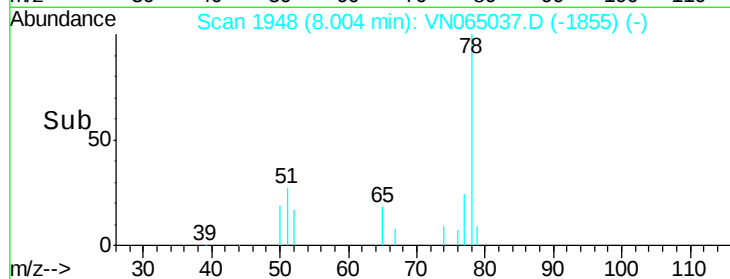
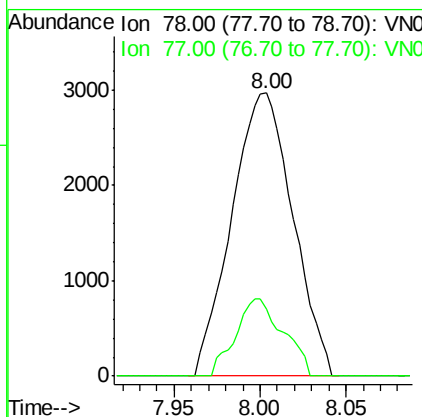
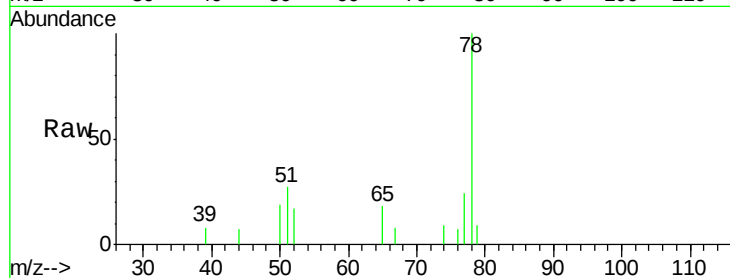
77 23.7 18.7 28.1

Manual Integrations

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#41

Methacrylonitrile

Concen: 0.850 ug/l m

RT: 7.13 min Scan# 1677

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion: 41 Resp: 1022

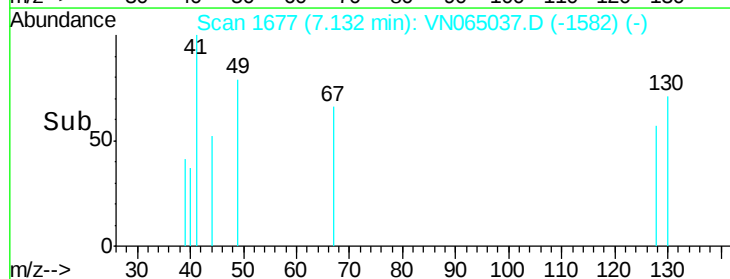
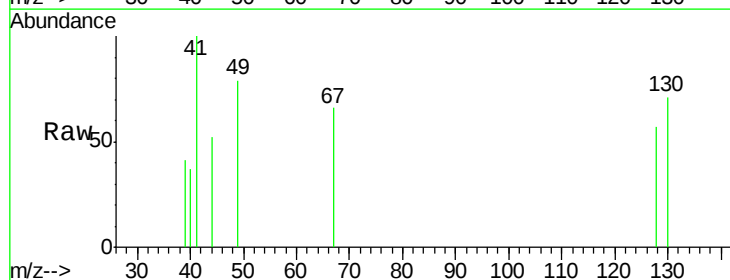
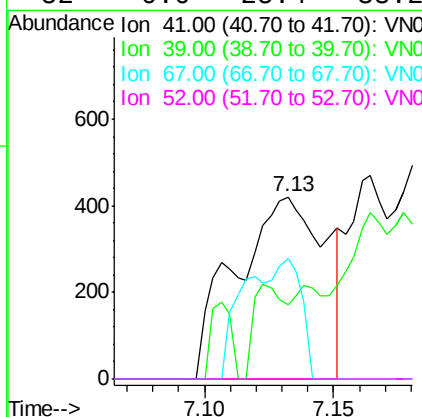
Ion Ratio Lower Upper

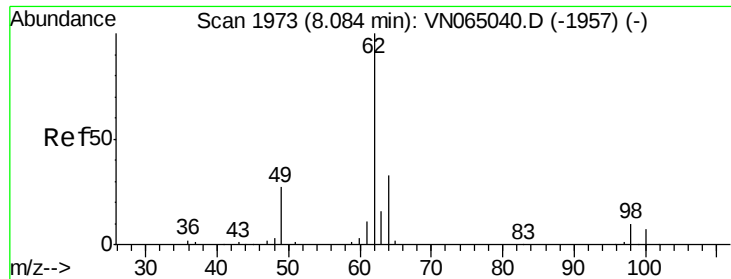
41 100

39 18.4 36.0 54.0#

67 19.6 64.8 97.2#

52 0.0 25.4 38.2#





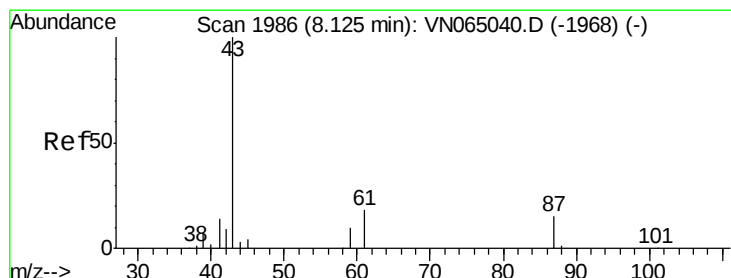
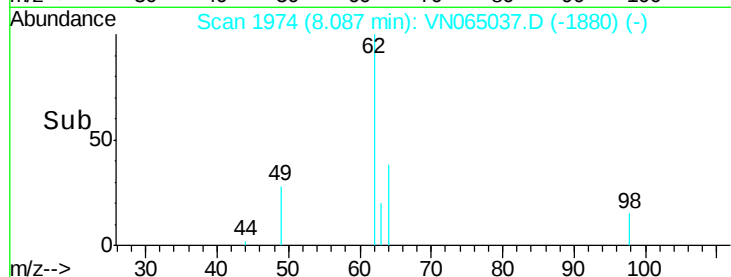
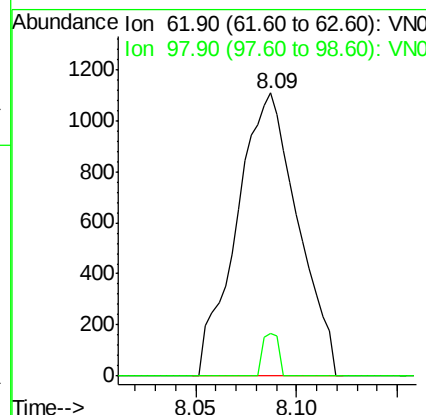
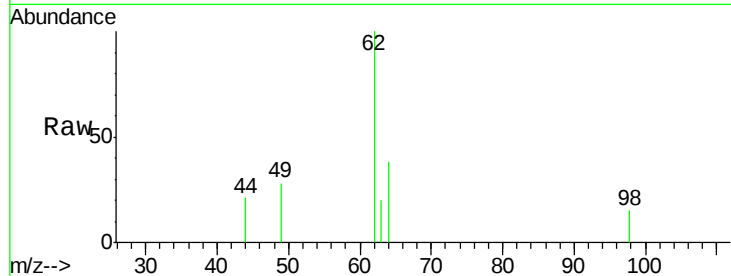
#42
 1,2-Dichloroethane
 Concen: 0.857 ug/l
 RT: 8.09 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	19.8

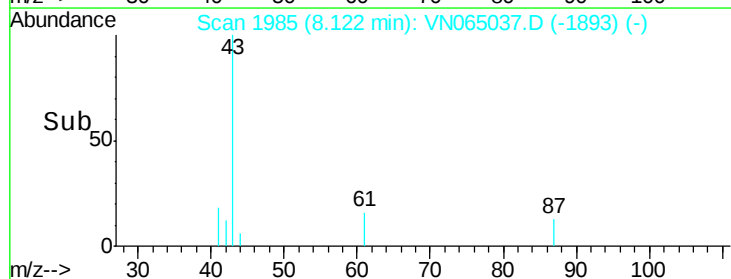
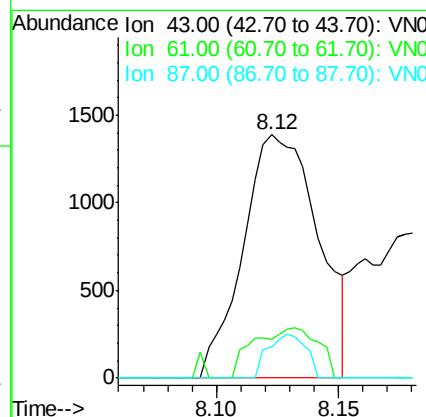
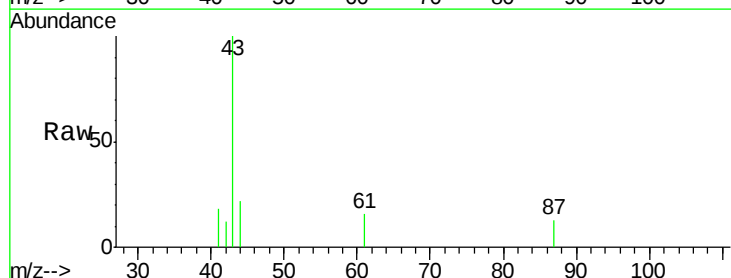
Manual Integrations
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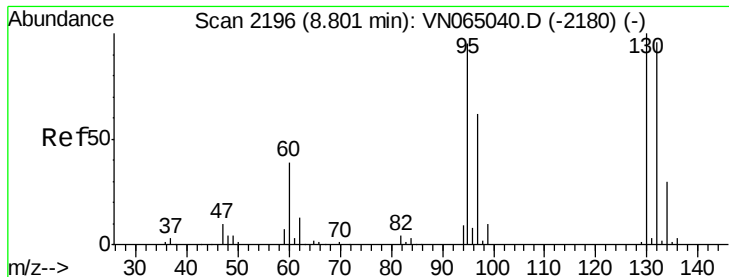
MMDadoda
 12/11/2020 12:32:14 PM



#43
 Isopropyl Acetate
 Concen: 0.735 ug/l
 RT: 8.12 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	16.9	25.3
87	9.1	11.4	17.2#





#44

Trichloroethene

Concen: 0.854 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2024

Ion Ratio Lower Upper

130 100

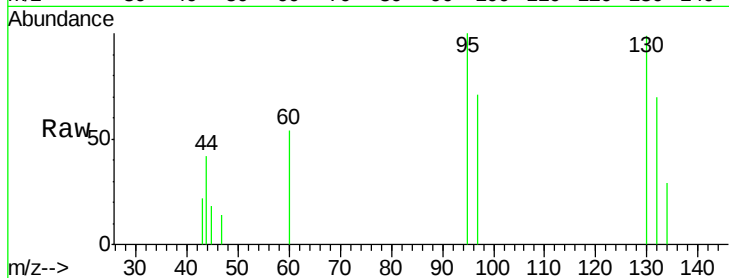
95 100.7 0.0 190.2

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.79

1200

1000

800

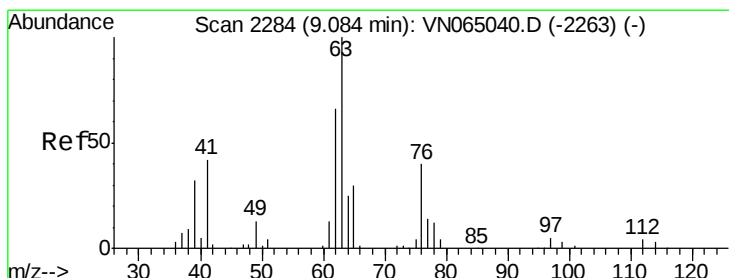
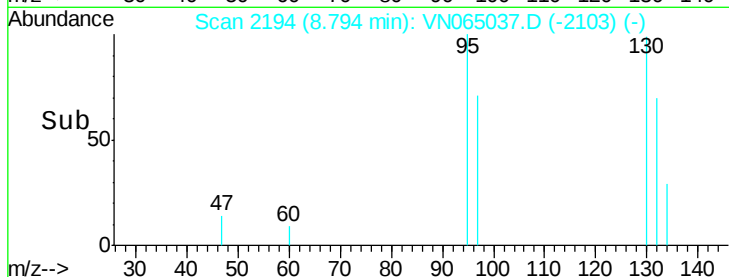
600

400

200

0

Time-->



#45

1,2-Dichloropropane

Concen: 0.956 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN065037.D

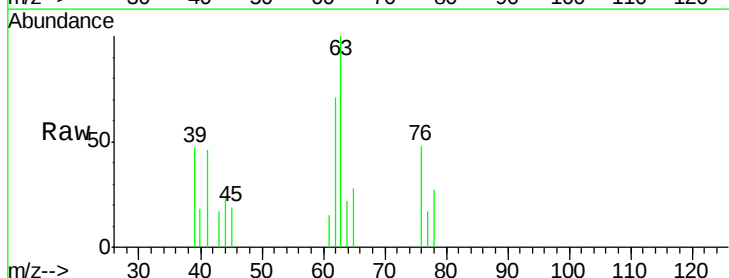
Acq: 10 Dec 2020 9:49

Tgt Ion: 63 Resp: 2014

Ion Ratio Lower Upper

63 100

65 28.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

9.08

1200

1000

800

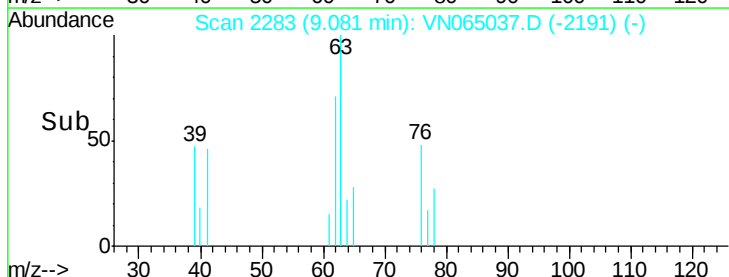
600

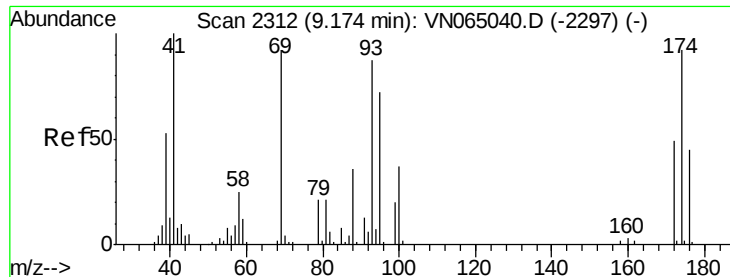
400

200

0

Time-->





#46

Dibromomethane

Concen: 0.973 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 93 Resp: 1364

Ion Ratio Lower Upper

93 100

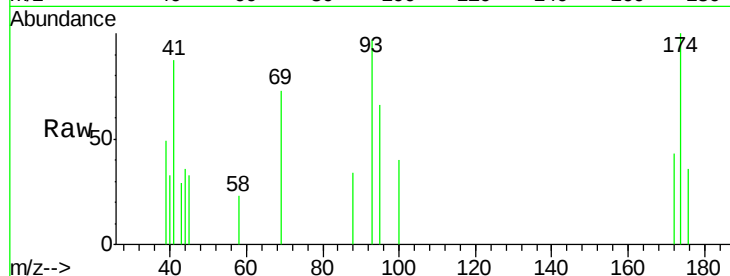
95 80.0 65.7 98.5

174 96.4 83.0 124.4

Manual Integrations
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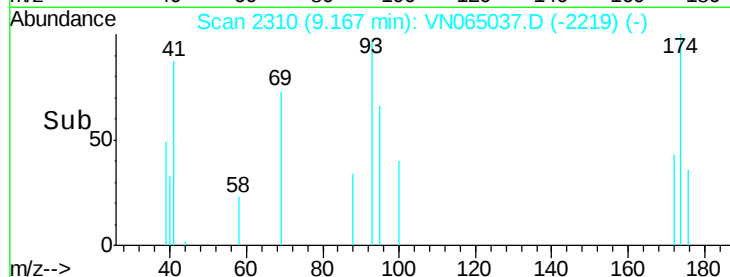


Abundance Ion 92.80 (92.50 to 93.50): VN065037.D (-2297) (-)

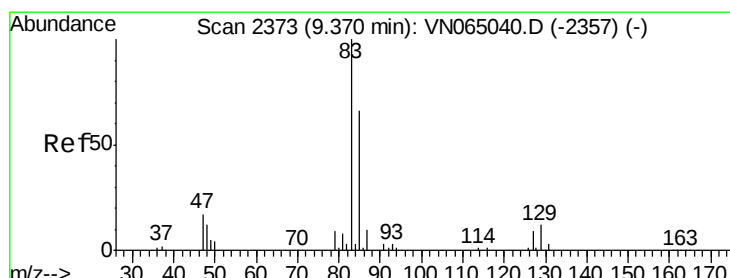
Ion 94.80 (94.50 to 95.50): VN065037.D (-2297) (-)

Ion 173.70 (173.40 to 174.40): VN065037.D (-2297) (-)

Time-->



Time-->



#47

Bromodichloromethane

Concen: 0.875 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

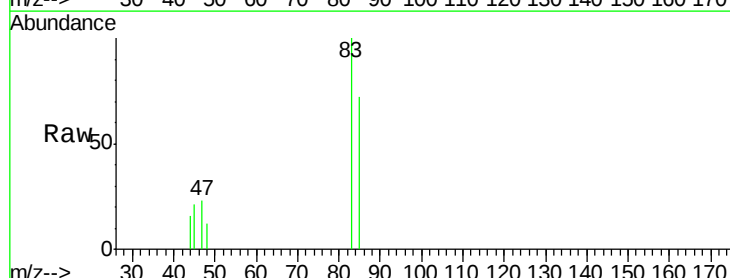
Tgt Ion: 83 Resp: 2467

Ion Ratio Lower Upper

83 100

85 72.1 52.5 78.7

127 0.0 7.1 10.7#

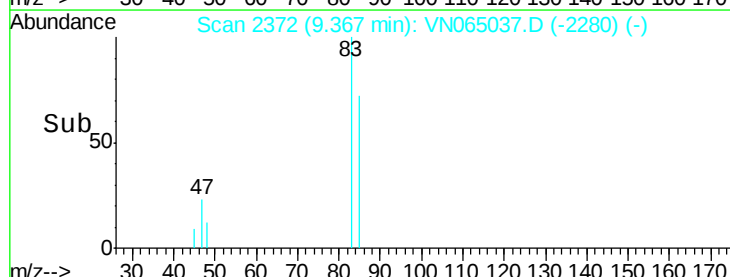


Abundance Ion 82.90 (82.60 to 83.60): VN065037.D (-2280) (-)

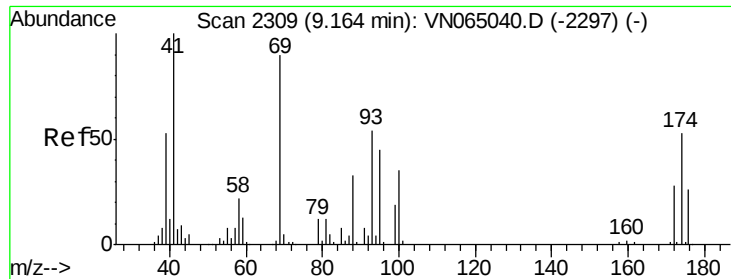
Ion 84.90 (84.60 to 85.60): VN065037.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN065037.D (-2280) (-)

Time-->



Time-->



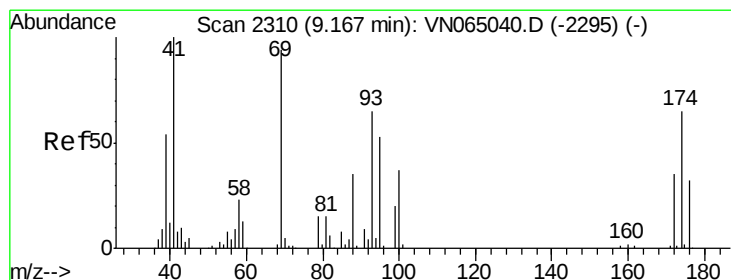
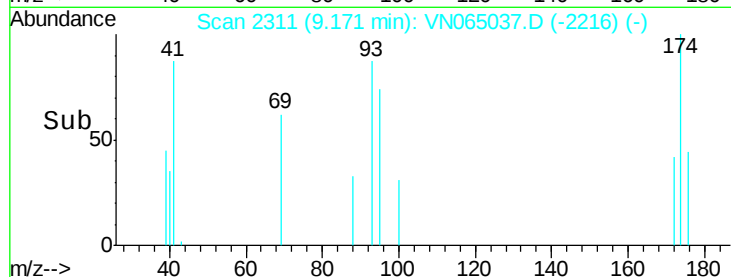
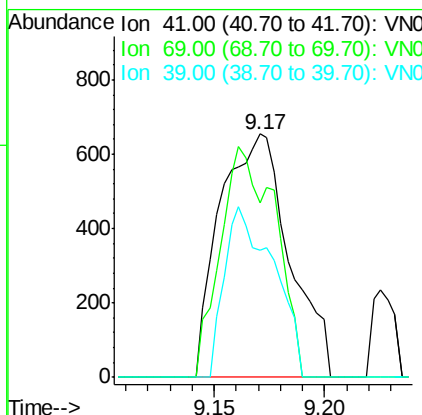
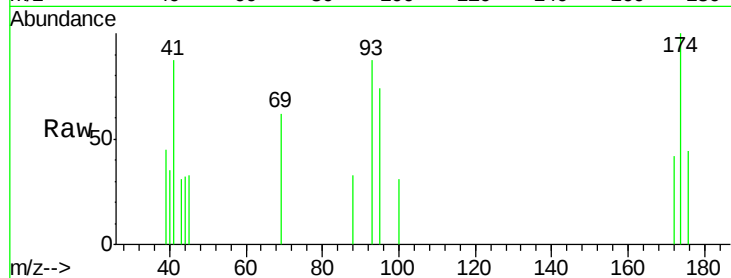
#48
Methyl methacrylate
Concen: 0.738 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 41 Resp: 1424
Ion Ratio Lower Upper
41 100
69 75.4 72.1 108.1
39 49.9 43.8 65.6

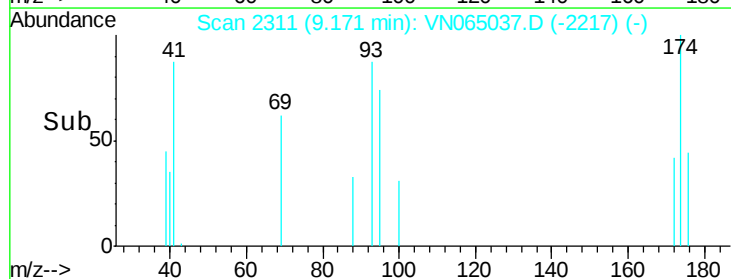
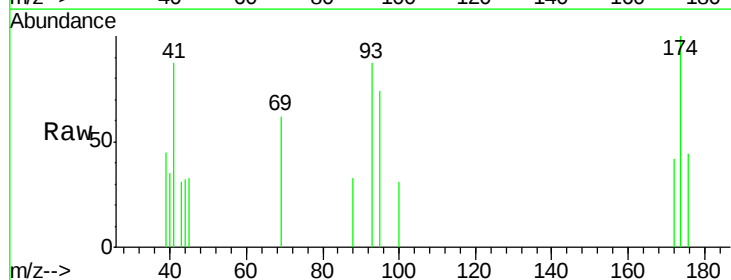
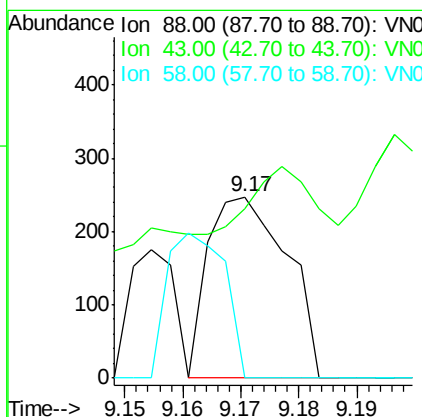
Manual Integrations
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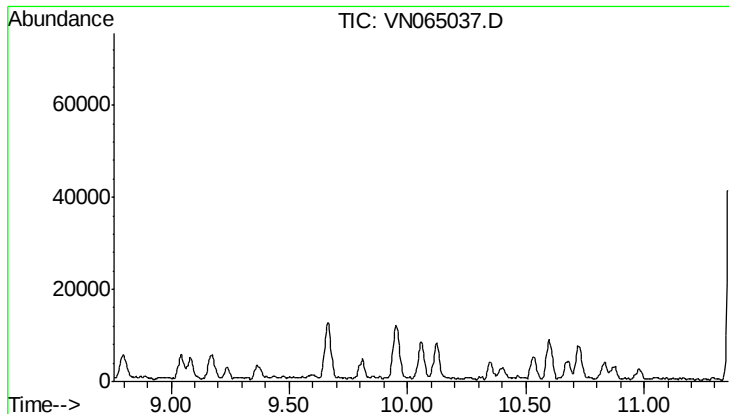
MMDadoda
12/11/2020 12:32:14 PM



#49
1,4-Dioxane
Concen: 6.400 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 88 Resp: 233
Ion Ratio Lower Upper
88 100
43 0.0 21.1 31.7#
58 0.0 53.8 80.8#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min

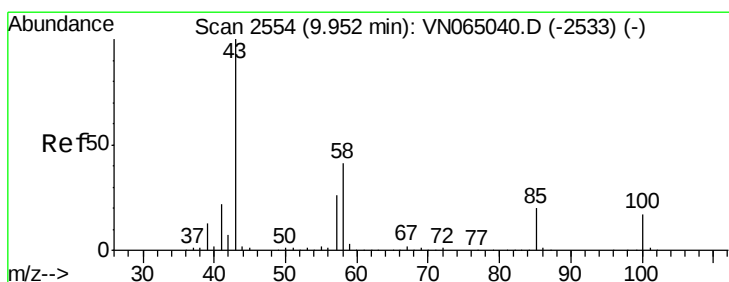
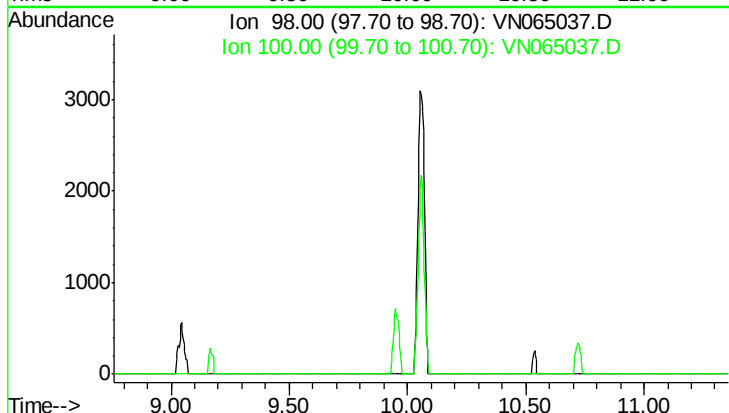
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.5

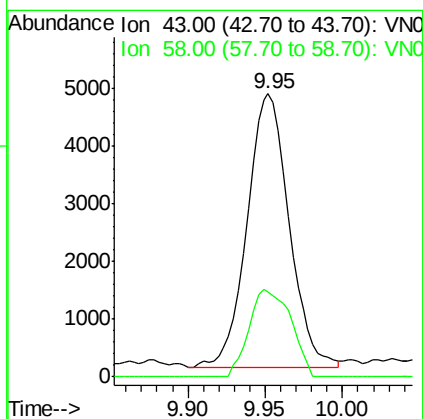
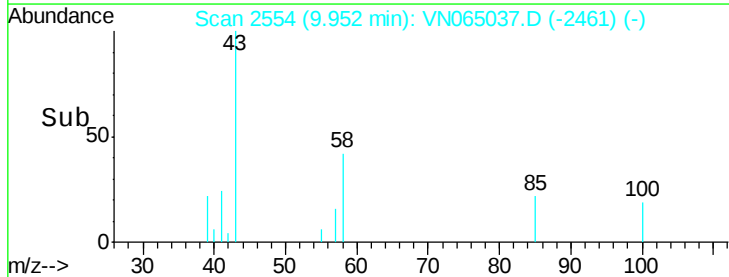
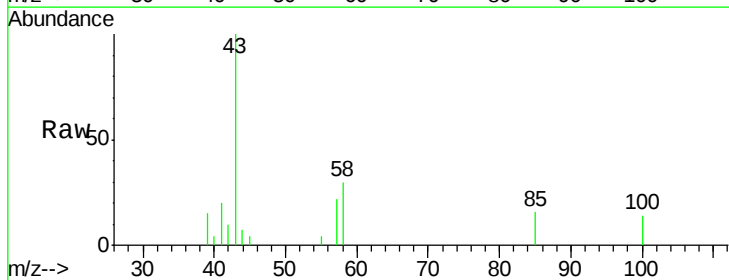
Manual Integrations
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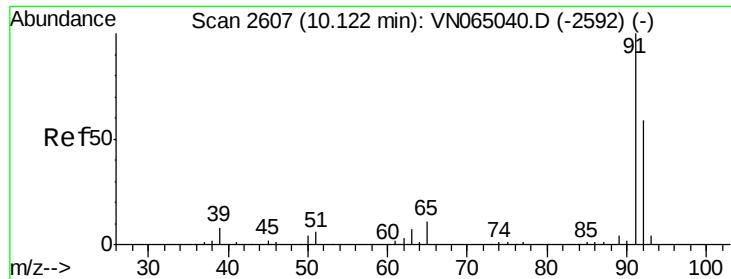
MMDadoda
12/11/2020 12:32:14 PM



#51
4-Methyl-2-Pentanone
Concen: 3.710 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 43 Resp: 8989
Ion Ratio Lower Upper
43 100
58 31.6 32.4 48.6#





#52

Toluene

Concen: 0.793 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 3948

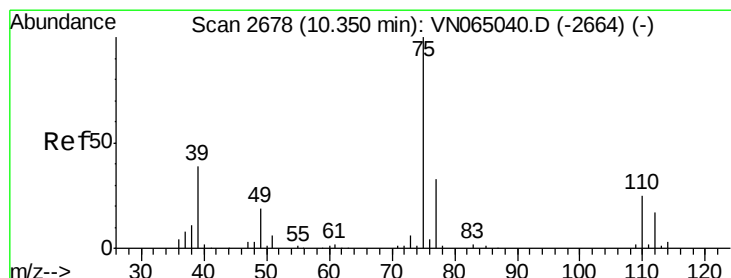
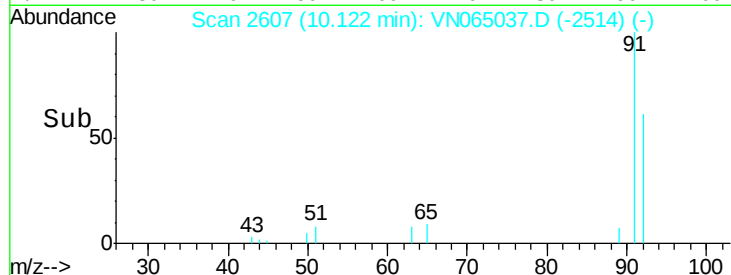
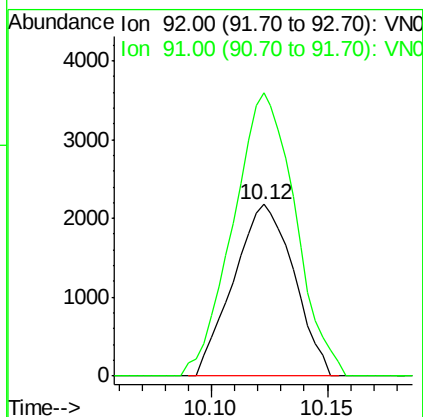
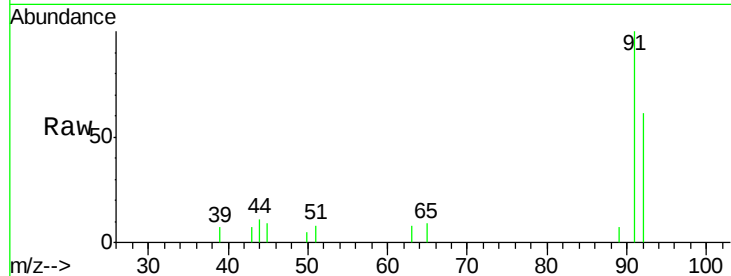
Ion Ratio Lower Upper

92 100

91 169.4 137.9 206.9

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#53

t-1,3-Dichloropropene

Concen: 0.742 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN065037.D

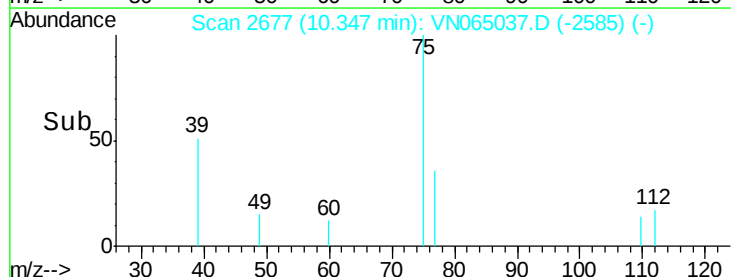
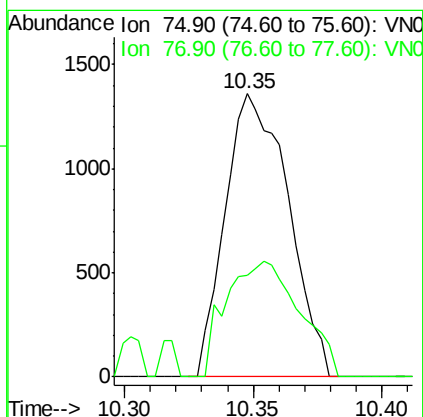
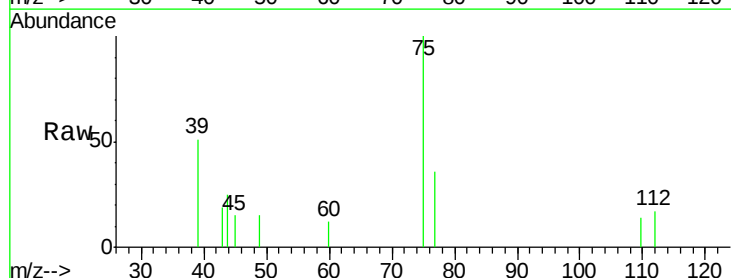
Acq: 10 Dec 2020 9:49

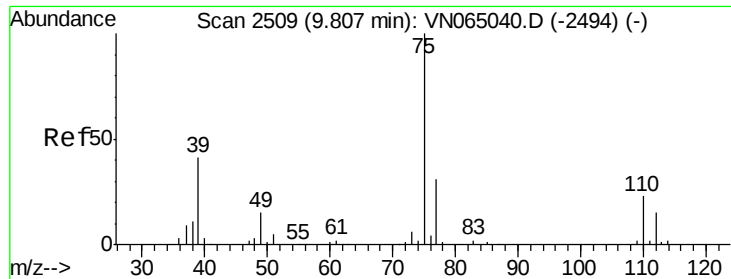
Tgt Ion: 75 Resp: 2318

Ion Ratio Lower Upper

75 100

77 36.1 26.0 39.0





#54

cis-1,3-Dichloropropene

Concen: 0.771 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

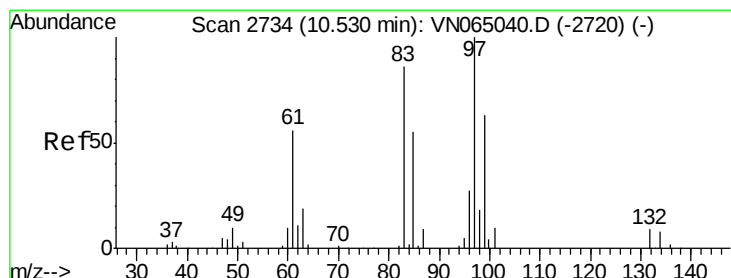
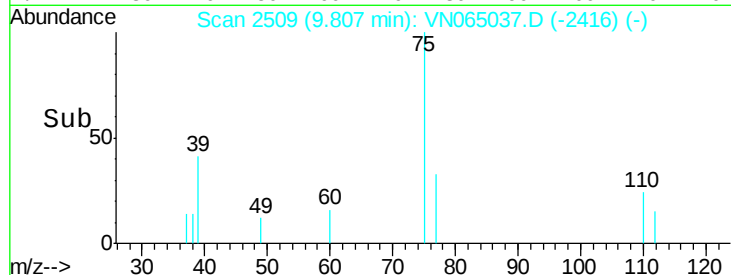
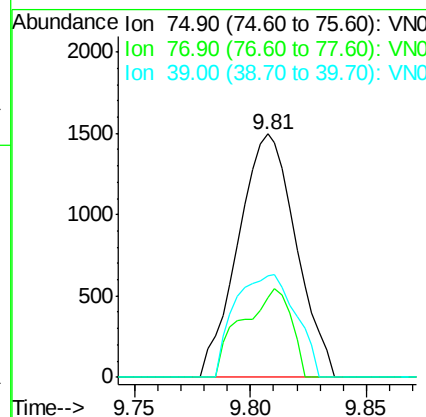
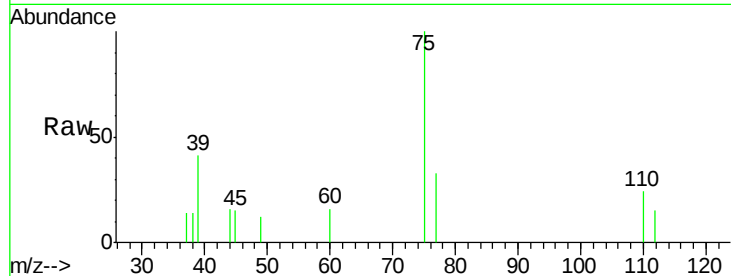
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	2591
Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.8	37.2
39	41.5	33.0	49.4

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#55

1,1,2-Trichloroethane

Concen: 0.820 ug/l

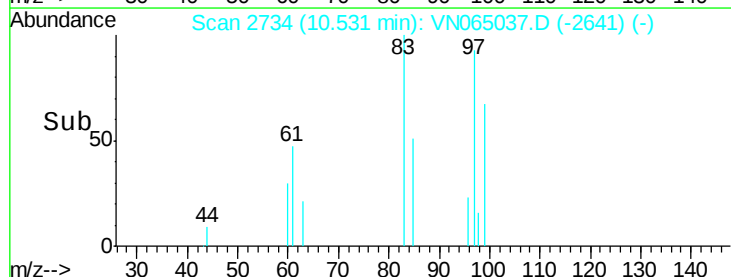
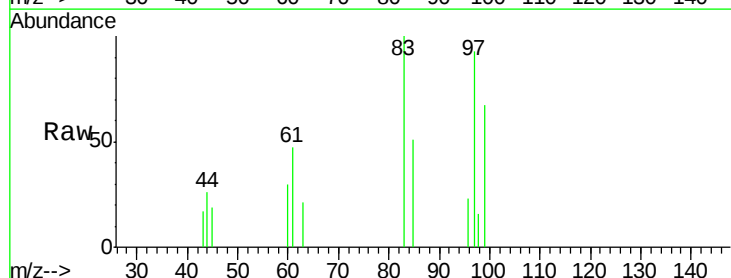
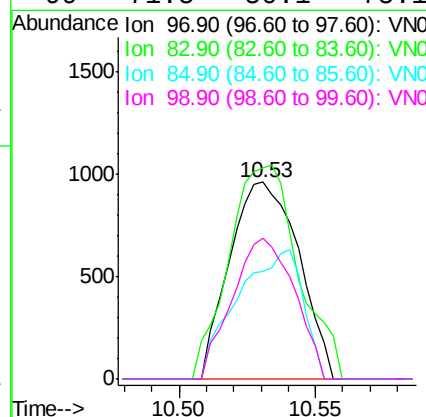
RT: 10.53 min Scan# 2734

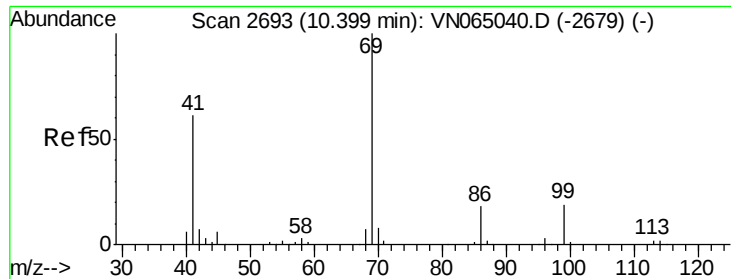
Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion:	97	Resp:	1690
Ion	Ratio	Lower	Upper
97	100		
83	107.3	69.0	103.6#
85	54.6	43.6	65.4
99	71.5	50.1	75.1





#56

Ethyl methacrylate

Concen: 0.584 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

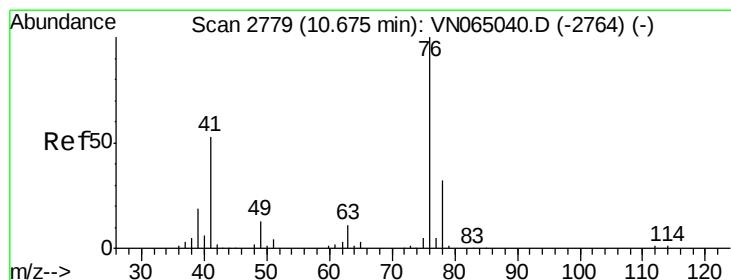
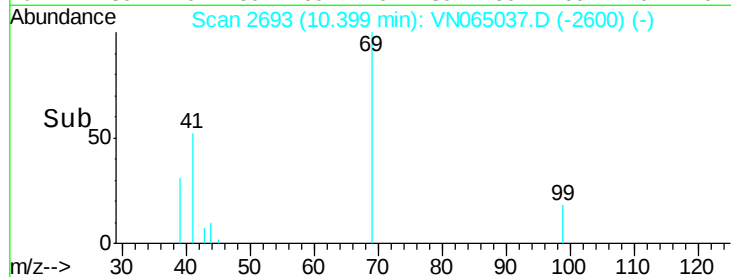
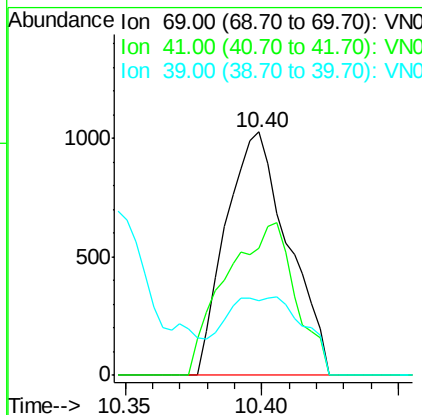
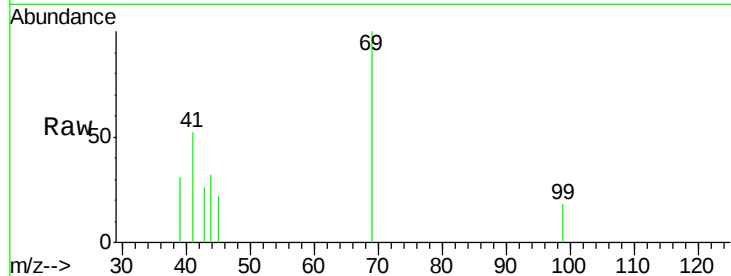
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	1632
Ion Ratio	Lower	Upper	
69	100		
41	69.8	48.2	72.2
39	8.9	24.7	37.1#

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#57

1,3-Dichloropropane

Concen: 0.734 ug/l

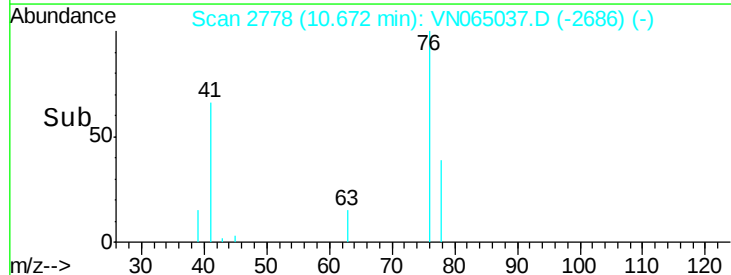
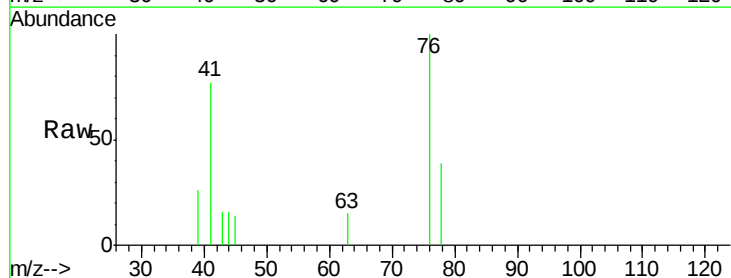
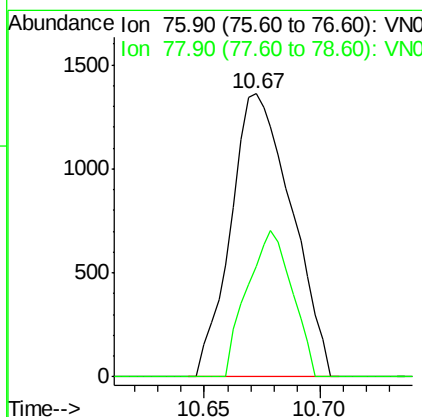
RT: 10.67 min Scan# 2778

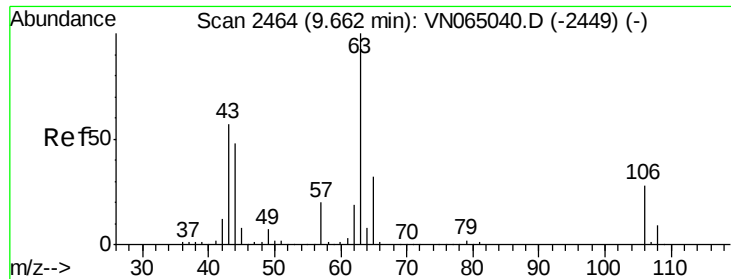
Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion:	76	Resp:	2480
Ion Ratio	Lower	Upper	
76	100		
78	38.2	26.5	39.7





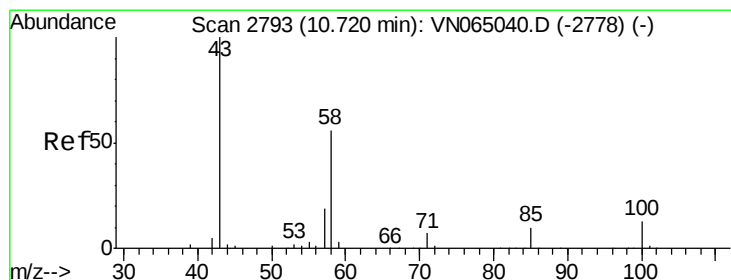
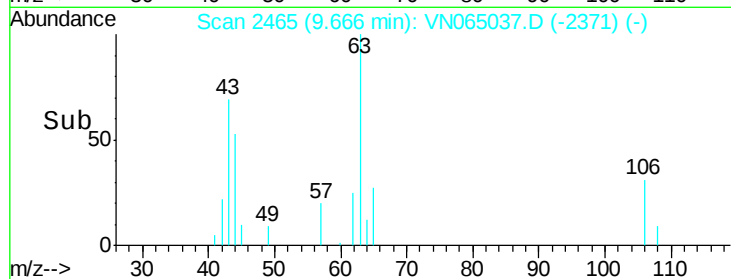
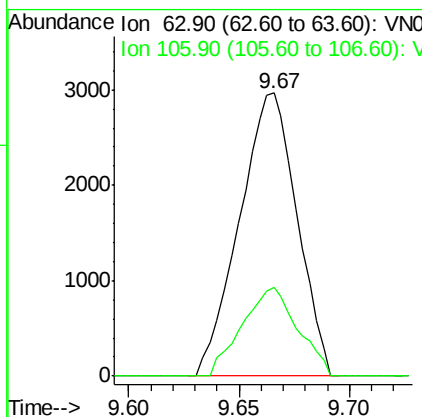
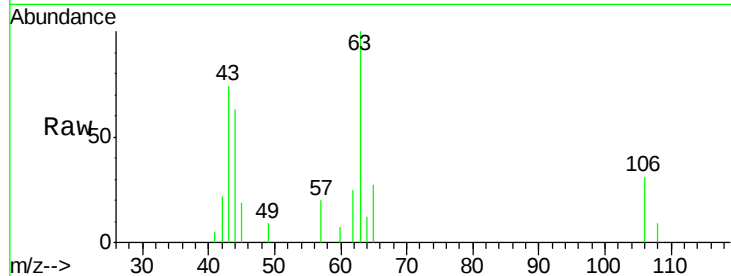
#58
2-Chloroethyl Vinyl ether
Concen: 3.474 ug/l
RT: 9.67 min Scan# 2465
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 5351
Ion Ratio Lower Upper
63 100
106 30.2 22.6 33.8

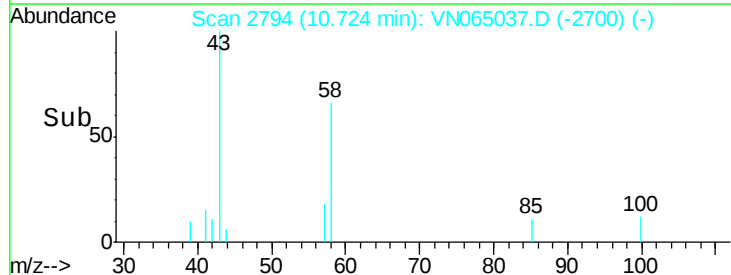
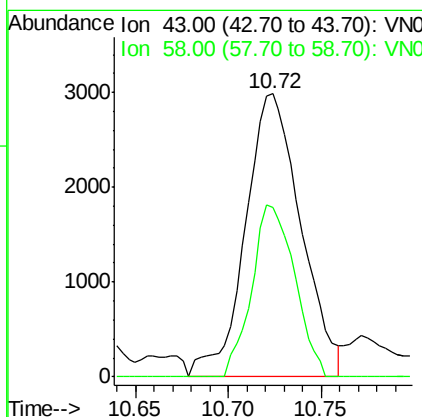
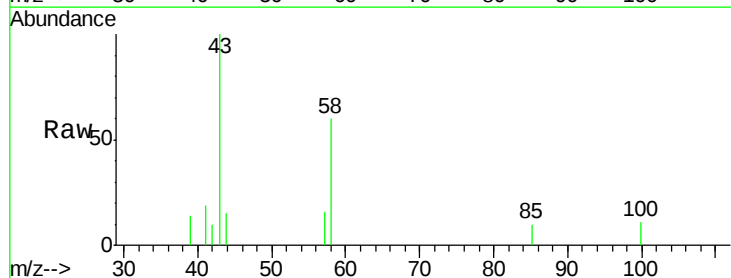
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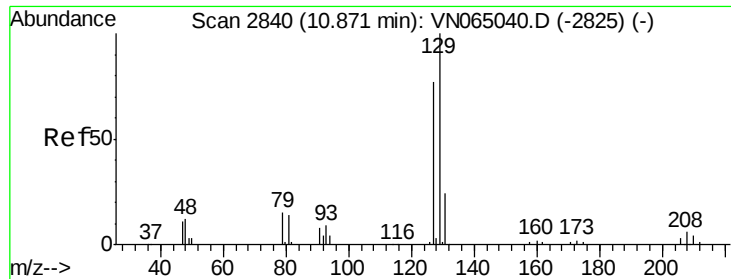
MMDadoda
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#59
2-Hexanone
Concen: 3.562 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 43 Resp: 6207
Ion Ratio Lower Upper
43 100
58 46.8 28.3 84.9





#60

Dibromochloromethane

Concen: 0.764 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 1742

Ion Ratio Lower Upper

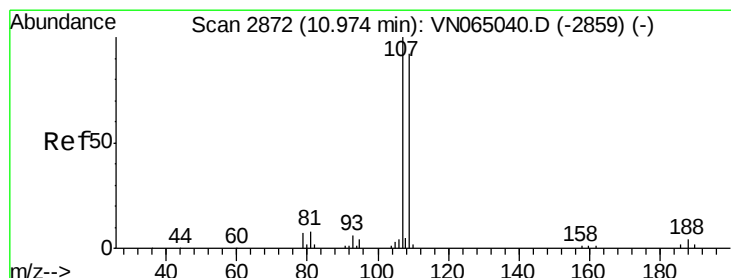
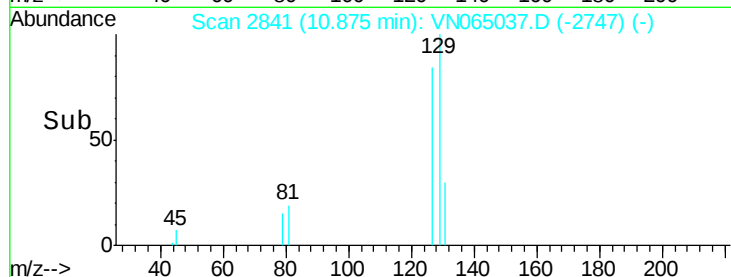
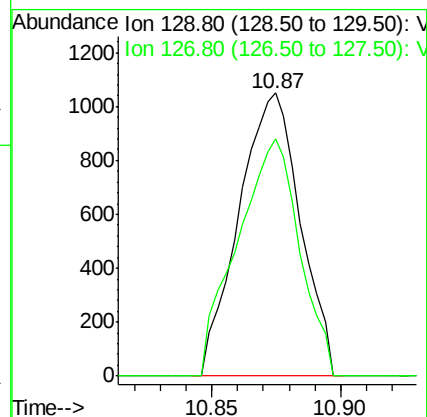
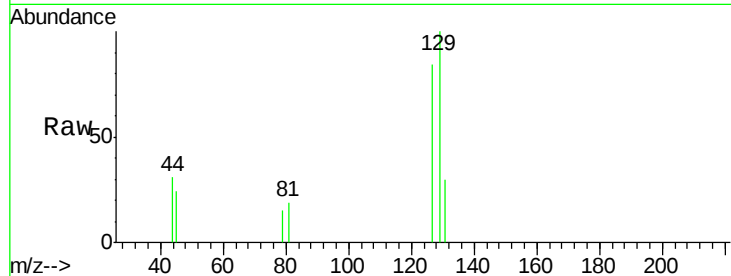
129 100

127 84.8 38.4 115.1

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#61

1,2-Dibromoethane

Concen: 0.864 ug/l

RT: 10.98 min Scan# 2874

Delta R.T. 0.01 min

Lab File: VN065037.D

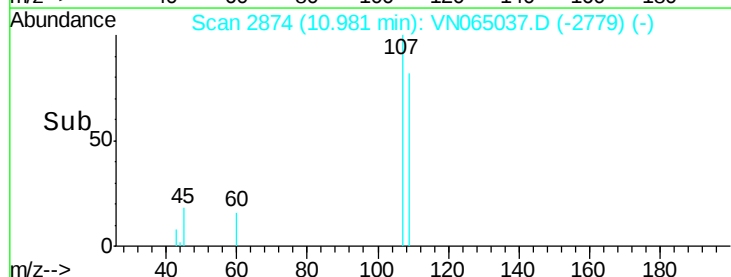
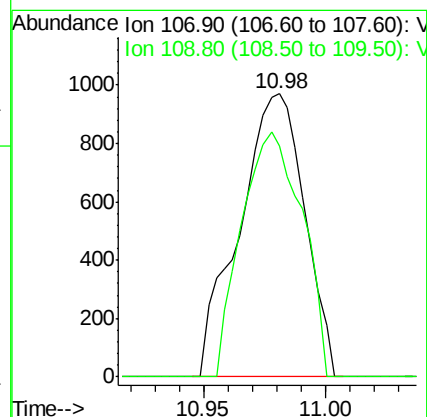
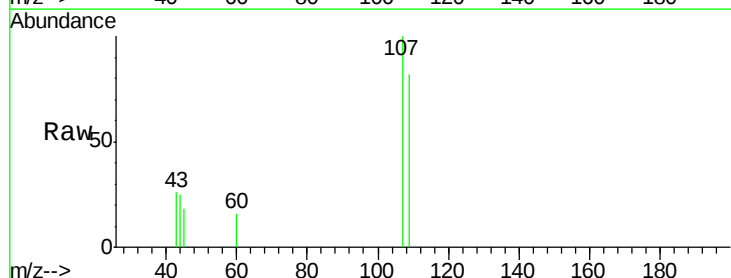
Acq: 10 Dec 2020 9:49

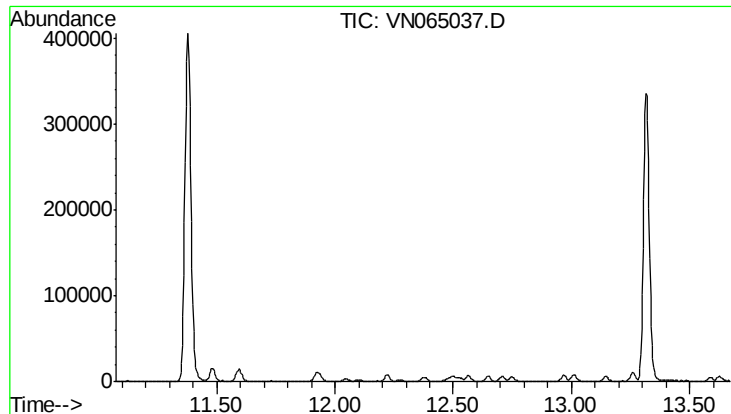
Tgt Ion:107 Resp: 1798

Ion Ratio Lower Upper

107 100

109 80.5 74.1 111.1





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.37 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tot Ion: 95

Sig Exp Ratio

95 100

174 82.4

176 79.4

Instrument :

MSVOA_N

ClientSampleId :

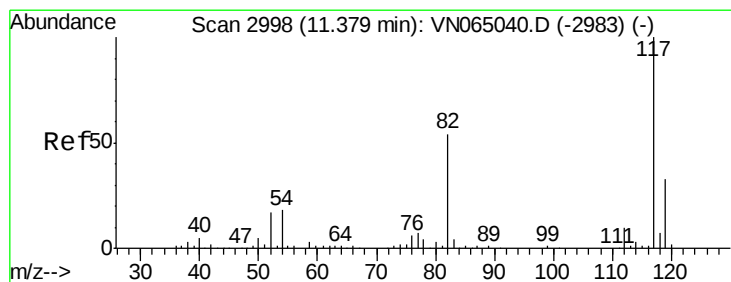
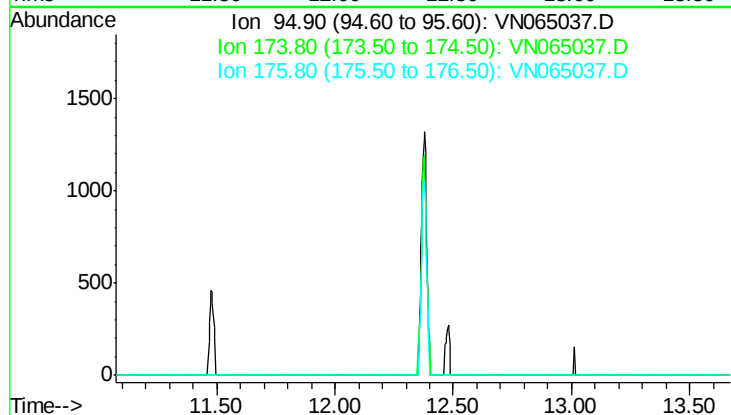
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

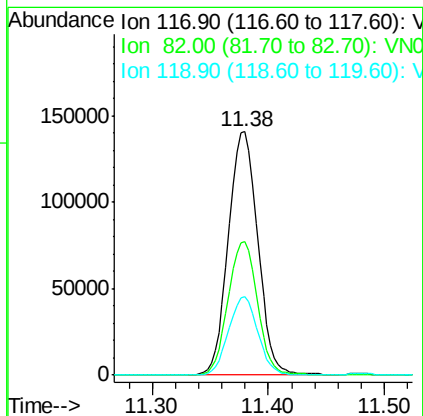
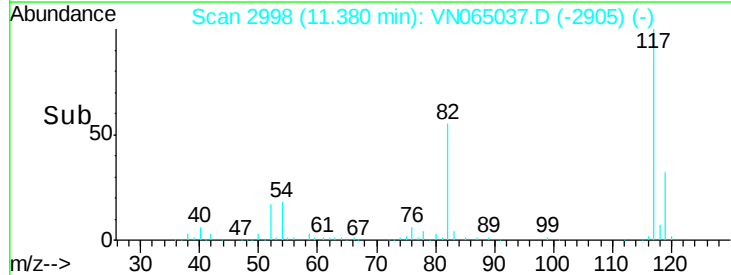
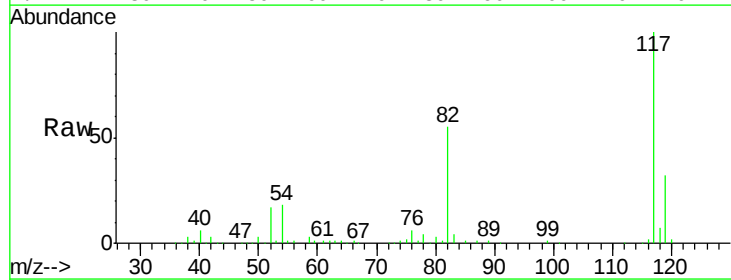
Tgt Ion: 117 Resp: 247780

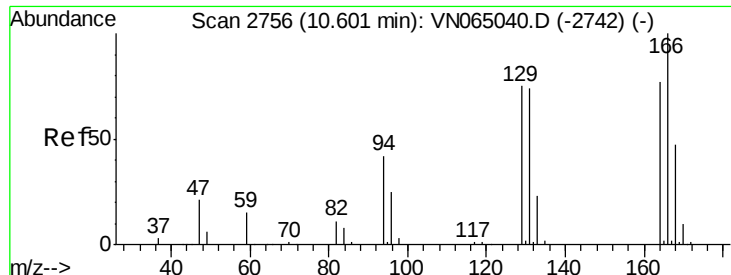
Ion Ratio Lower Upper

117 100

82 54.6 43.5 65.3

119 32.4 26.4 39.6





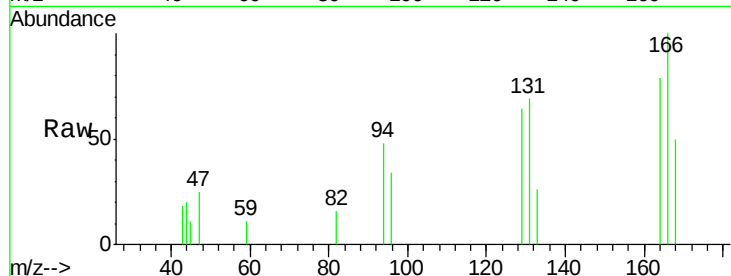
#64
Tetrachloroethene
Concen: 0.901 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

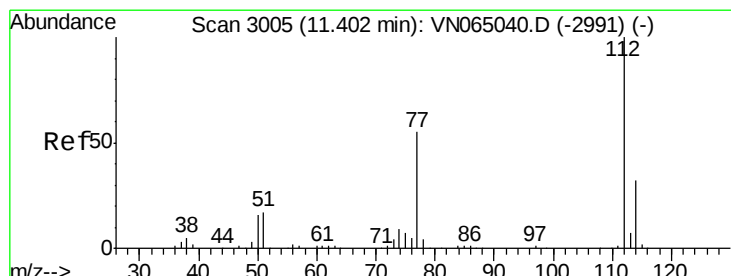
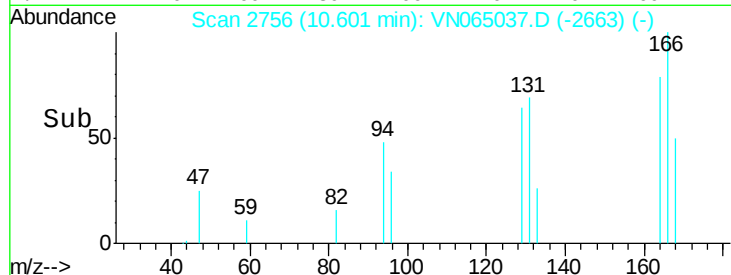
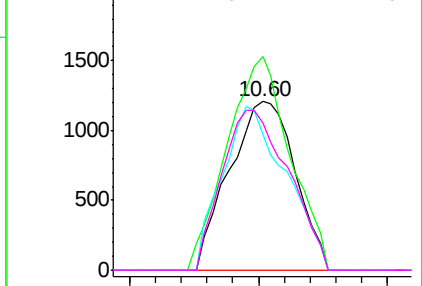
Tot Ion	Ratio	Lower	Upper
164	100		
166	126.7	103.3	154.9
129	80.7	77.0	115.4
131	87.3	76.1	114.1

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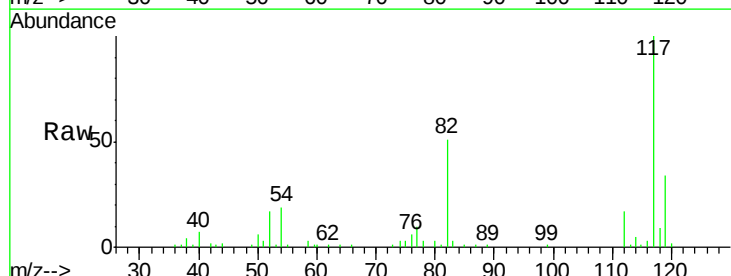


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

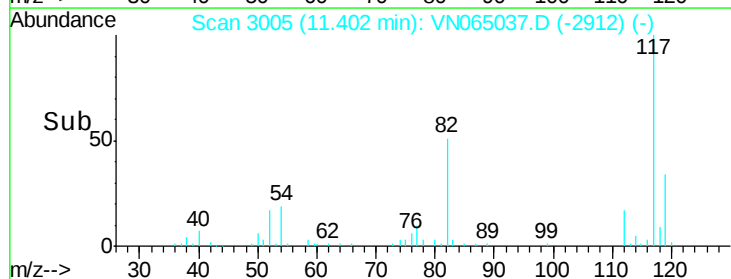
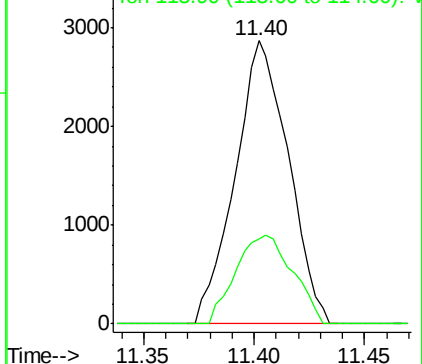


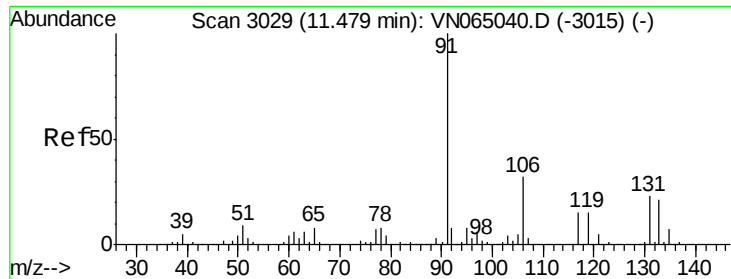
#65
Chlorobenzene
Concen: 0.899 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.9	38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





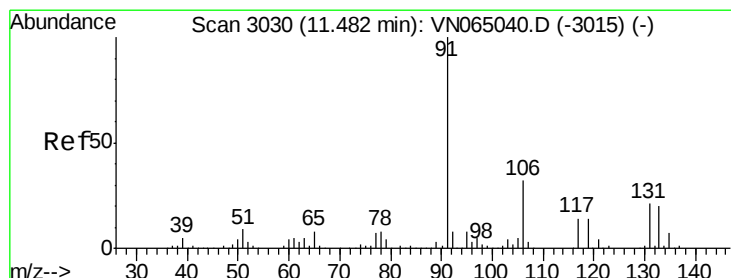
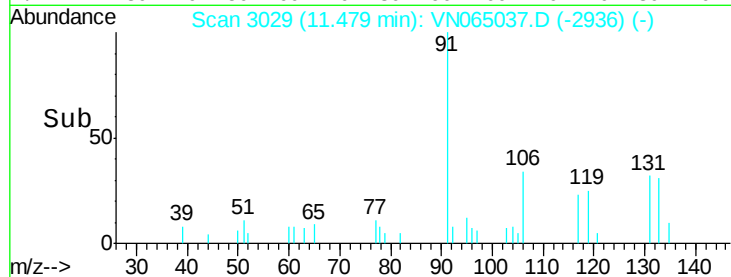
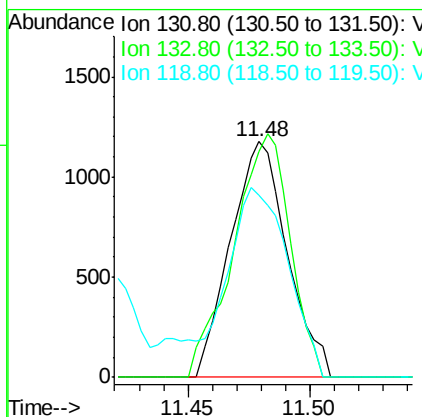
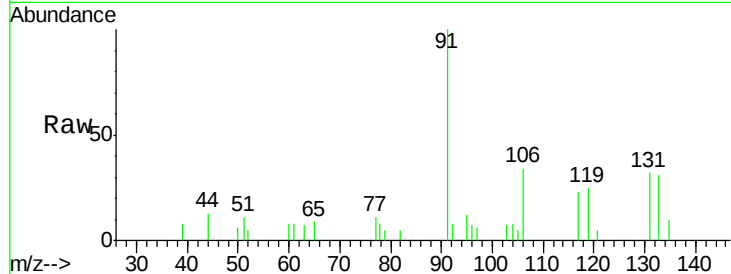
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.967 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:131 Resp: 1896
 Ion Ratio Lower Upper
 131 100
 133 102.9 48.7 146.1
 119 0.0 33.2 99.6#

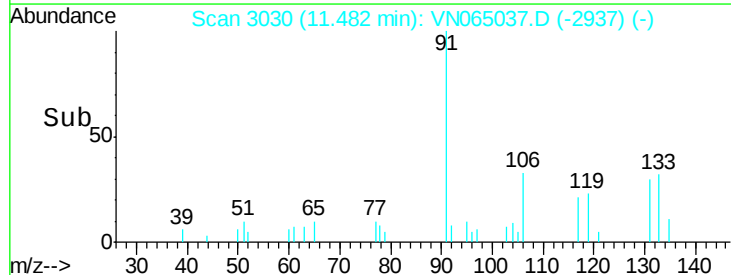
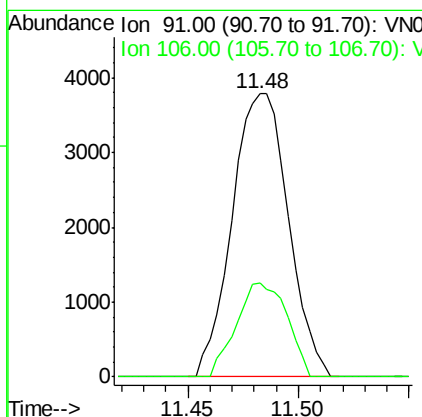
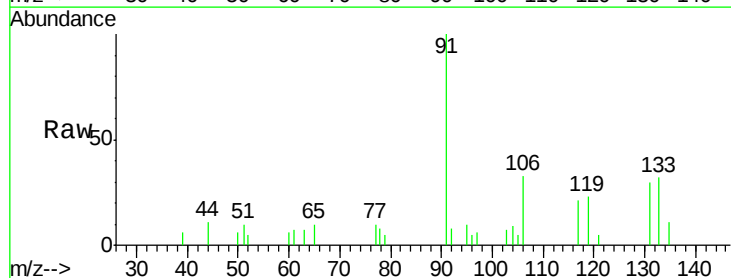
Manual Integrations
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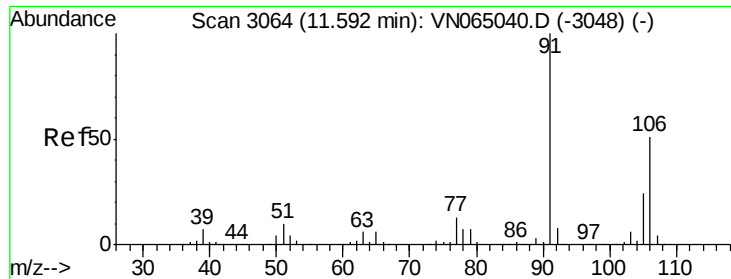
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#67
 Ethyl Benzene
 Concen: 0.756 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion: 91 Resp: 6691
 Ion Ratio Lower Upper
 91 100
 106 33.1 25.7 38.5





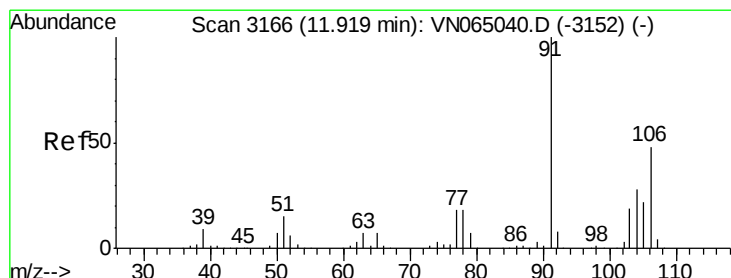
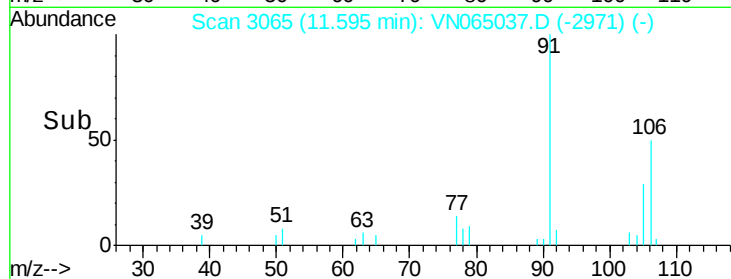
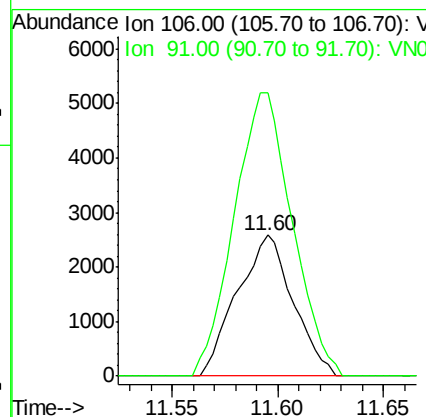
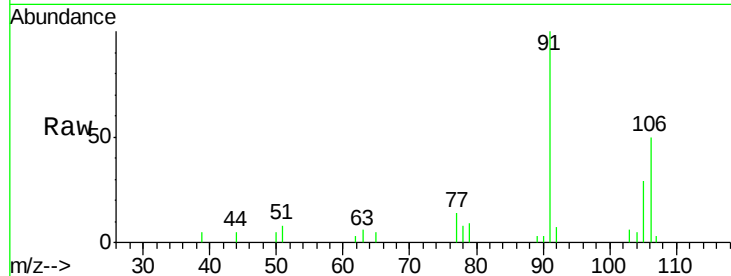
#68
m/p-Xylenes
Concen: 1.410 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 4752
Ion Ratio Lower Upper
106 100
91 208.7 157.0 235.6

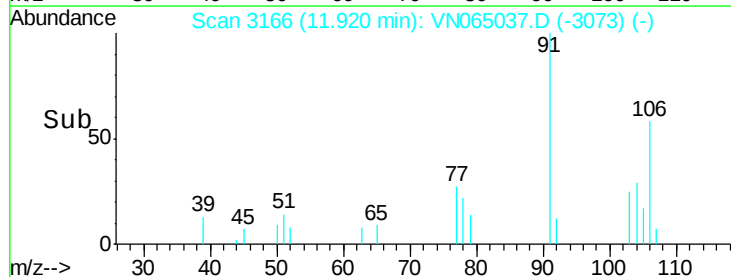
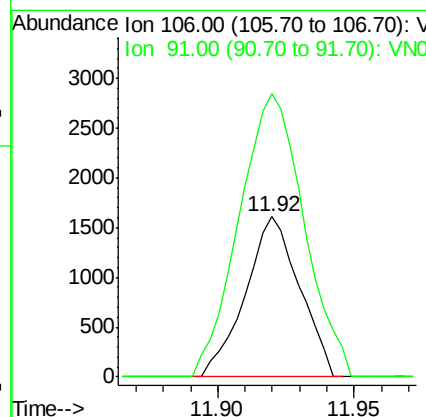
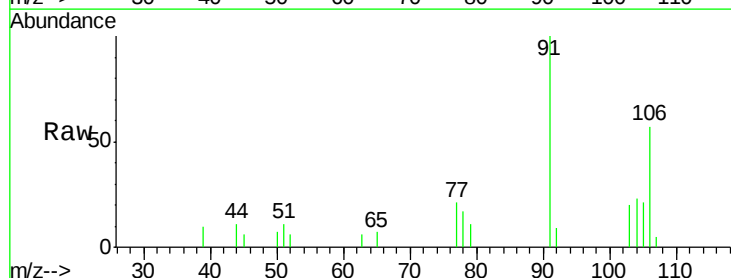
Manual Integrations
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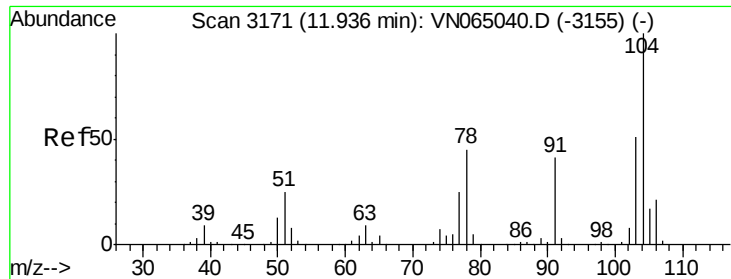
MMDadoda
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#69
o-Xylene
Concen: 0.693 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion:106 Resp: 2213
Ion Ratio Lower Upper
106 100
91 211.9 104.1 312.3





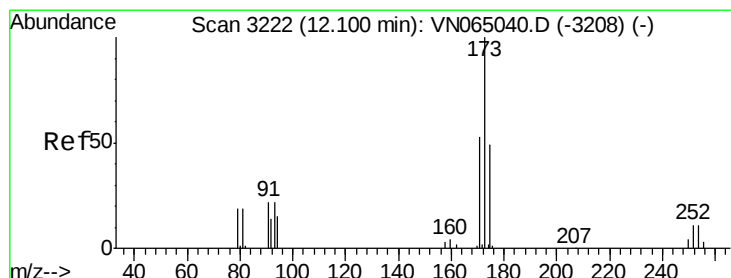
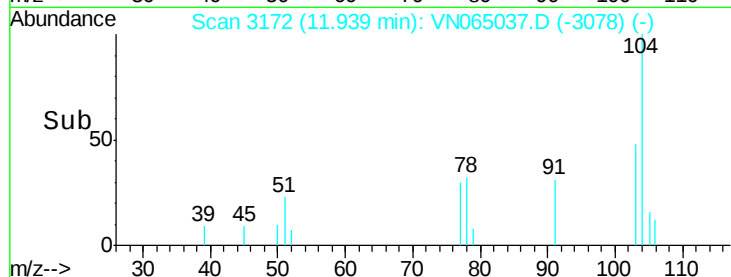
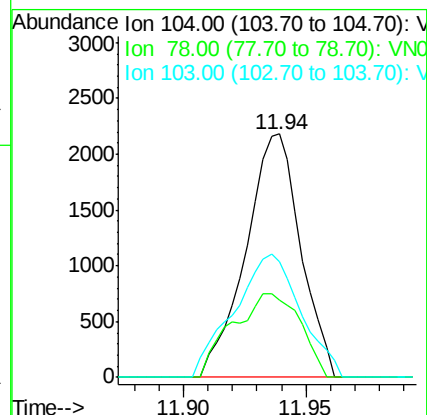
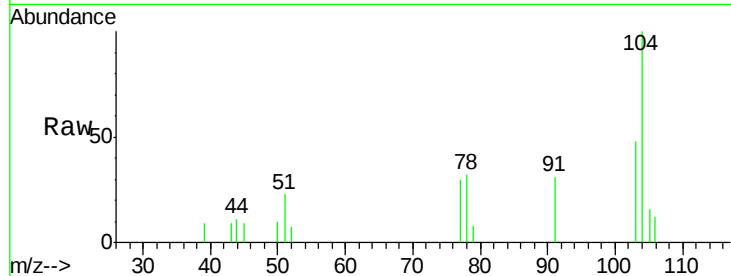
#70
Stvrene
Concen: 0.630 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	42.6	38.7	58.1
103	61.7	43.8	65.8

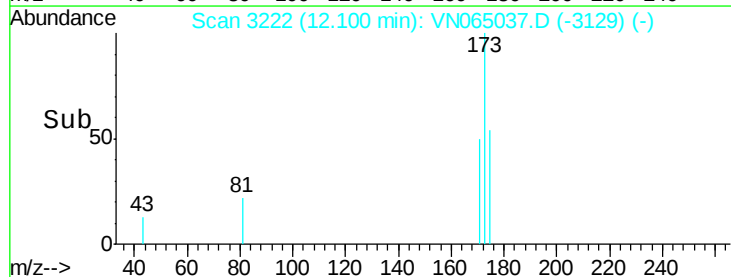
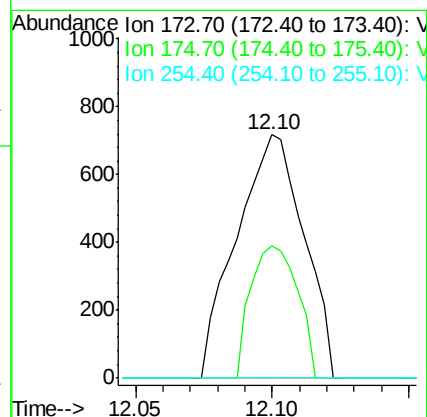
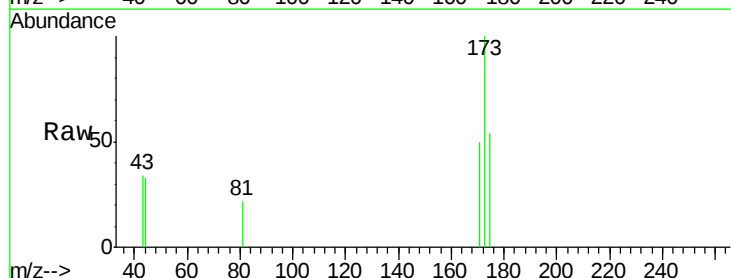
Manual Integrations
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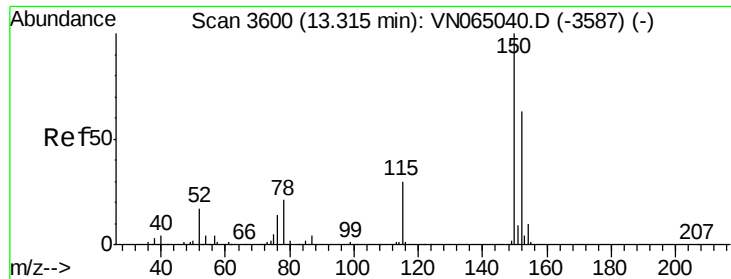
MMDadoda
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#71
Bromoform
Concen: 0.787 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
173	100		
175	37.8	24.5	73.5
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

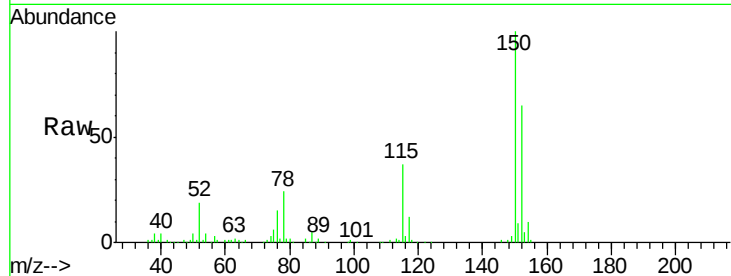
ClientSampleId :

VSTDIC001

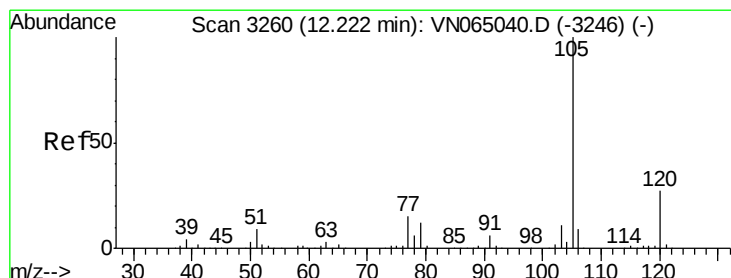
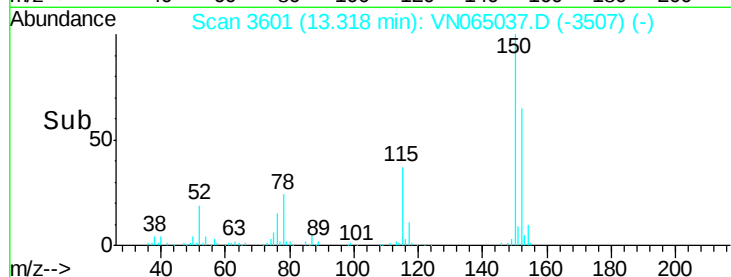
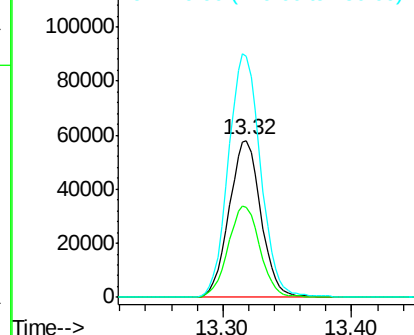
Tot Ion:	152	Resp:	99161
Ion Ratio	Lower	Upper	
152	100		
115	58.6	29.3	88.0
150	157.3	0.0	345.8

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.771 ug/l

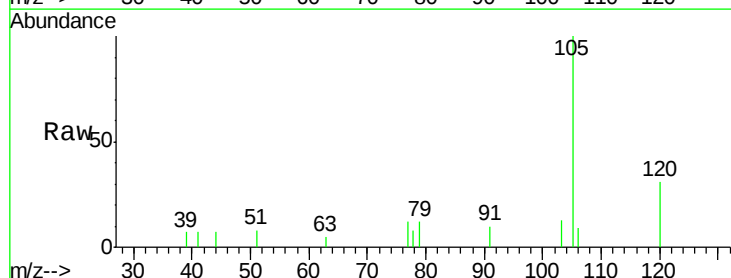
RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

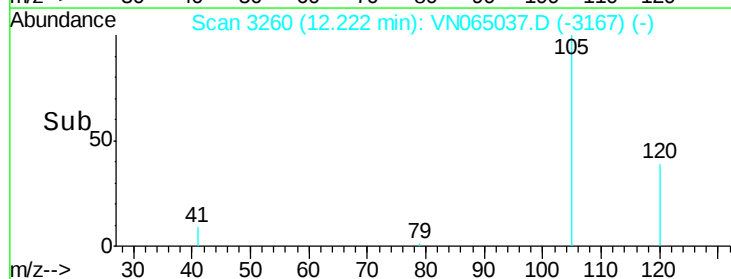
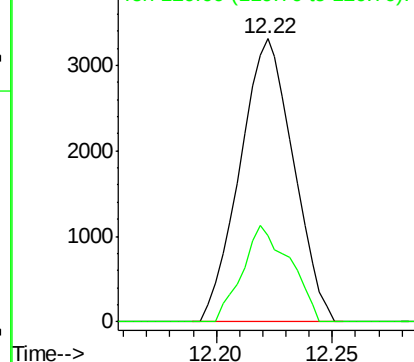
Lab File: VN065037.D

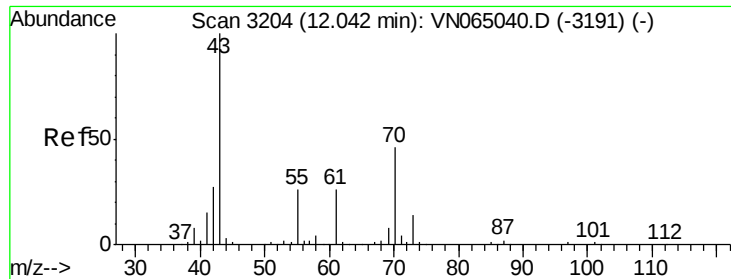
Acq: 10 Dec 2020 9:49

Tgt Ion:	105	Resp:	5298
Ion Ratio	Lower	Upper	
105	100		
120	30.3	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.628 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

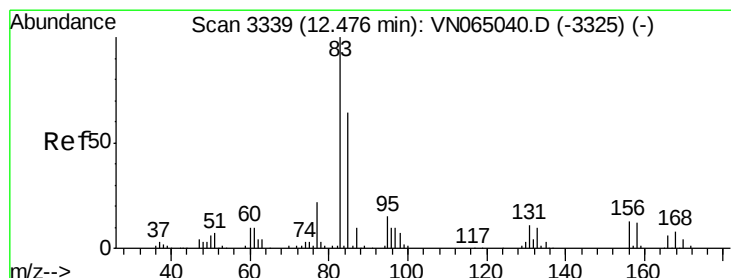
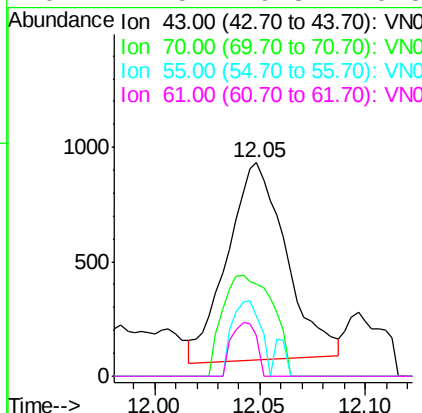
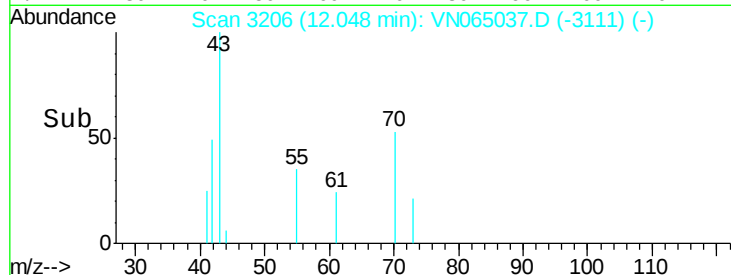
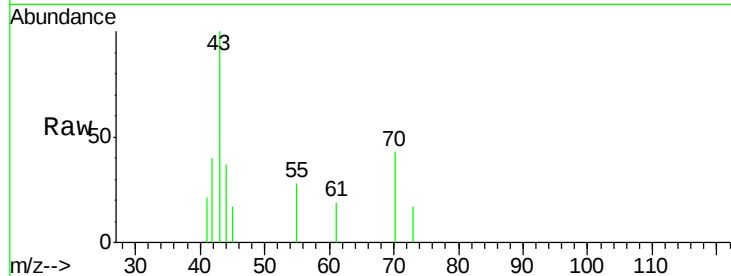
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	1669
Ion	Ratio	Lower	Upper
43	100		
70	43.6	36.2	54.2
55	18.3	21.4	32.0#
61	11.5	19.8	29.8#

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.157 ug/l

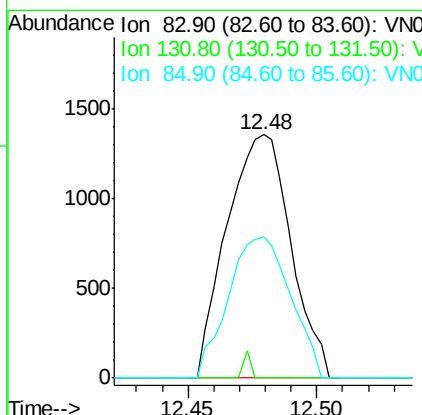
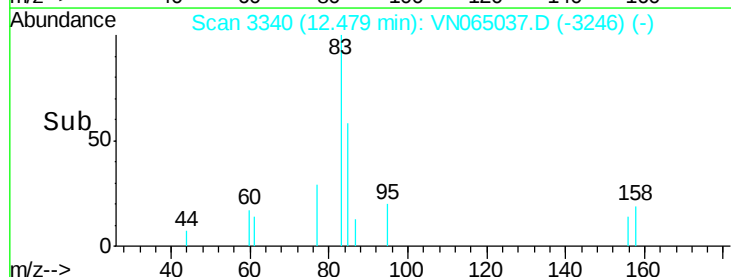
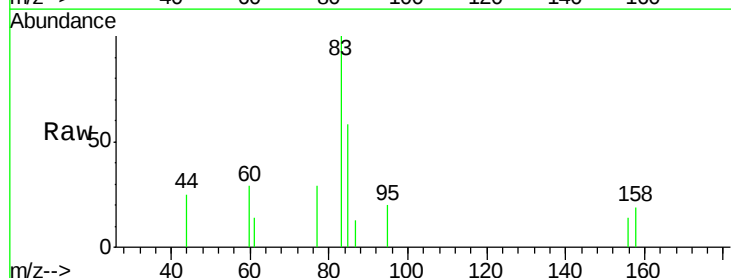
RT: 12.48 min Scan# 3340

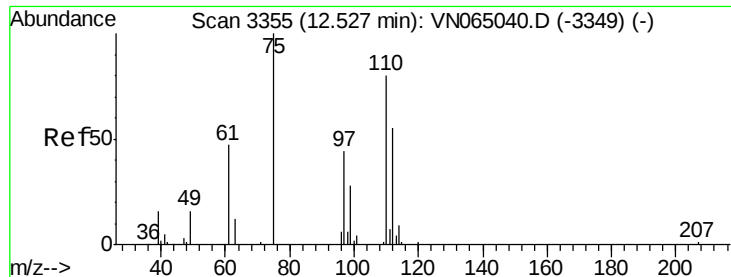
Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion:	83	Resp:	2338
Ion	Ratio	Lower	Upper
83	100		
131	1.2	5.5	16.4#
85	56.6	32.3	96.9





#76

1,2,3-Trichloropropane

Concen: 1.032 ug/l m

RT: 12.53 min Scan# 3357

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 2169

Ion Ratio Lower Upper

75 100

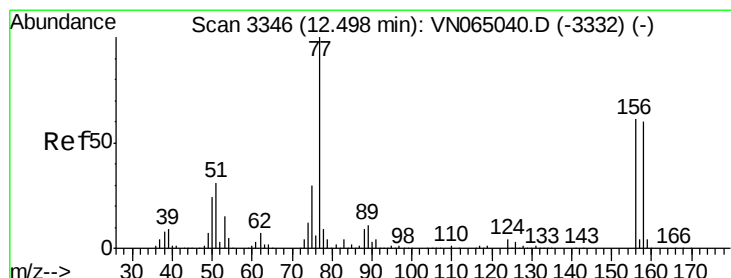
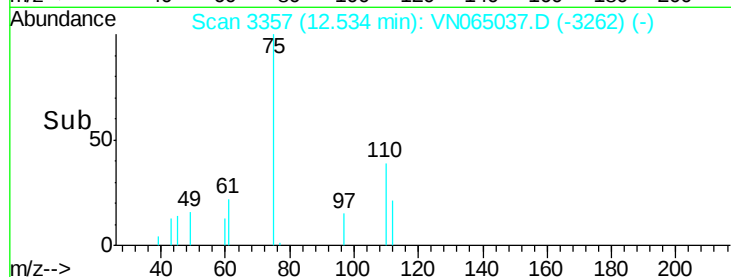
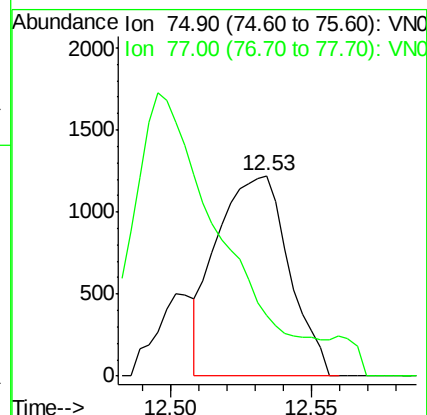
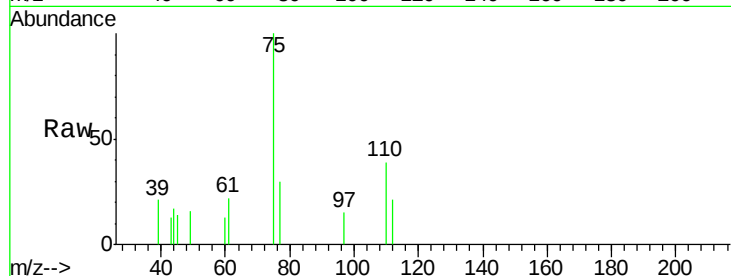
77 0.0 0.0 0.0

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#77

Bromobenzene

Concen: 0.773 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

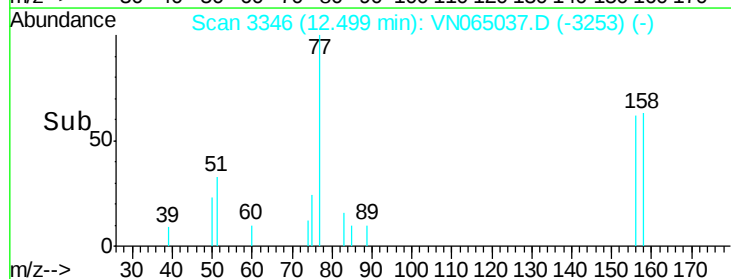
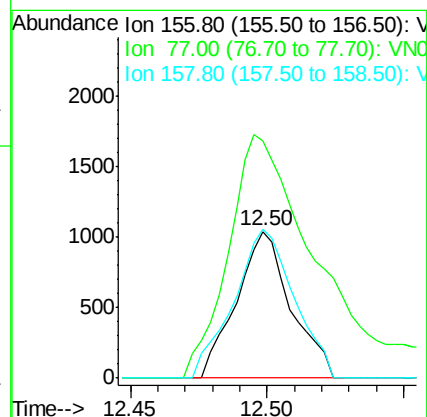
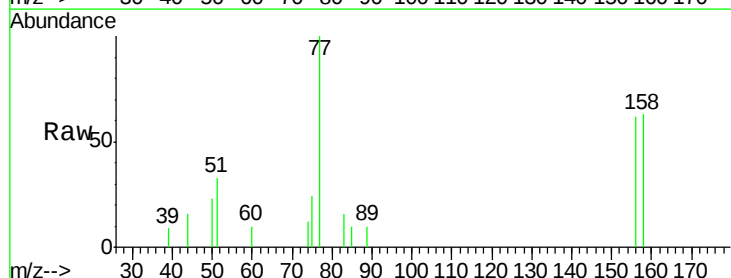
Tgt Ion: 156 Resp: 1435

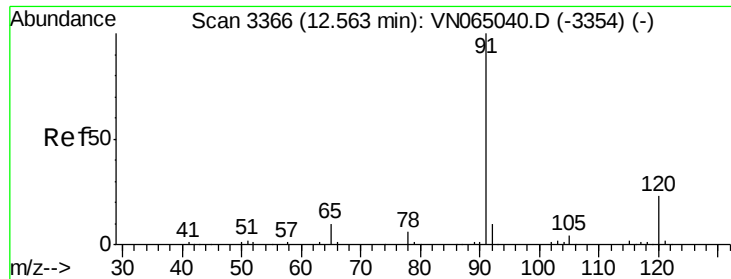
Ion Ratio Lower Upper

156 100

77 267.0 99.3 297.8

158 112.6 49.0 147.0





#78

n-propylbenzene

Concen: 0.757 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 5903

Ion Ratio Lower Upper

91 100

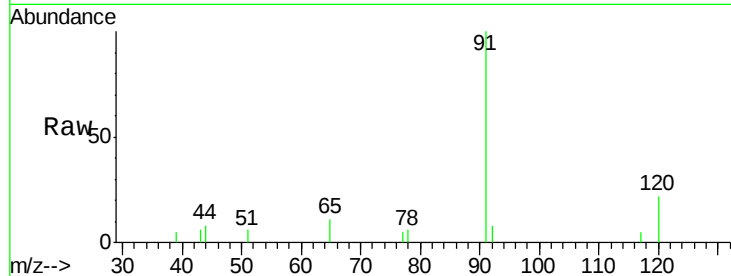
120 20.9 11.9 35.9

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Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3354) (-)

Ion 120.00 (119.70 to 120.70): VN065040.D (-3354) (-)

12.57

4000

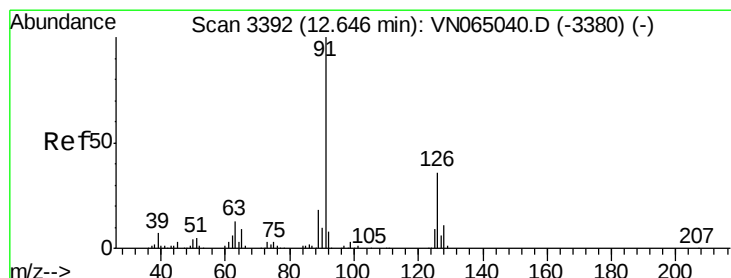
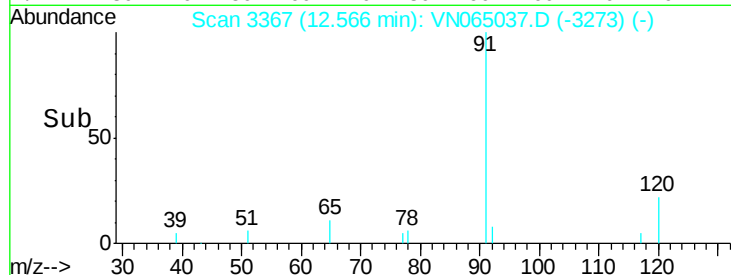
3000

2000

1000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.774 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN065037.D

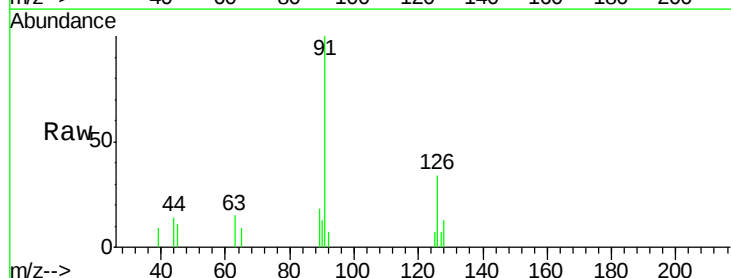
Acq: 10 Dec 2020 9:49

Tgt Ion: 91 Resp: 3734

Ion Ratio Lower Upper

91 100

126 32.8 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN065040.D (-3380) (-)

12.65

2500

2000

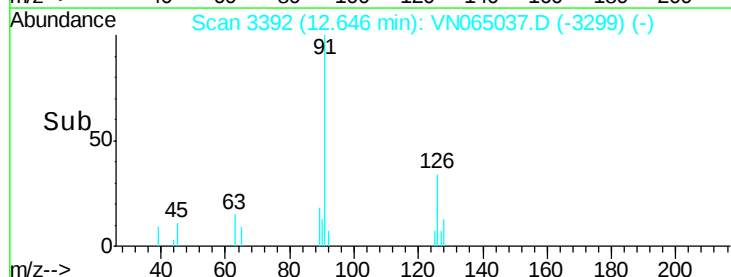
1500

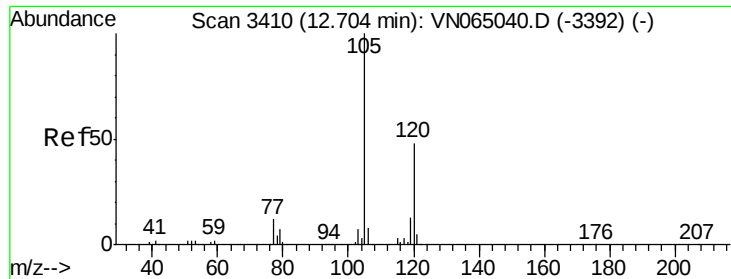
1000

500

0

Time-->





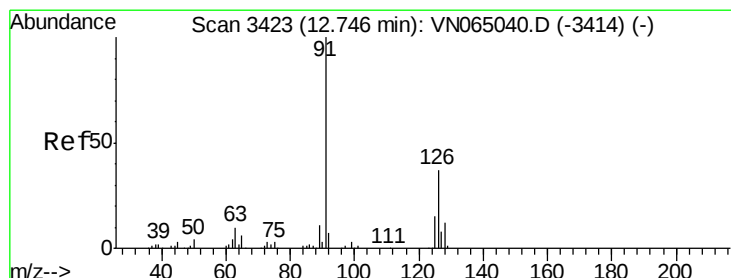
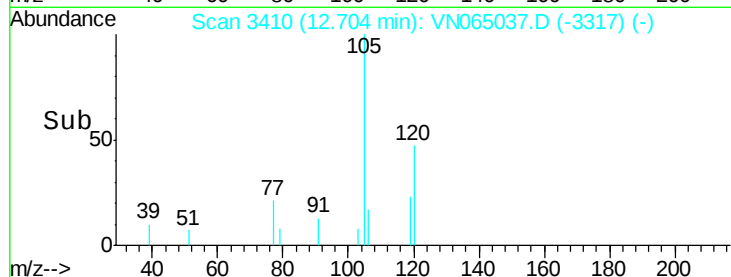
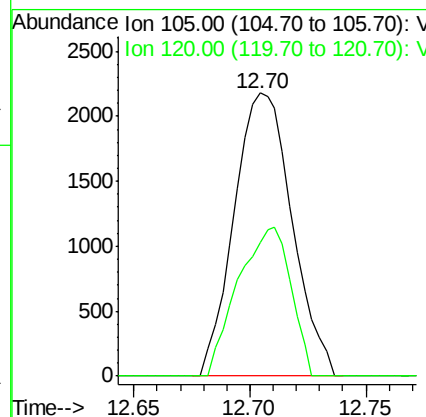
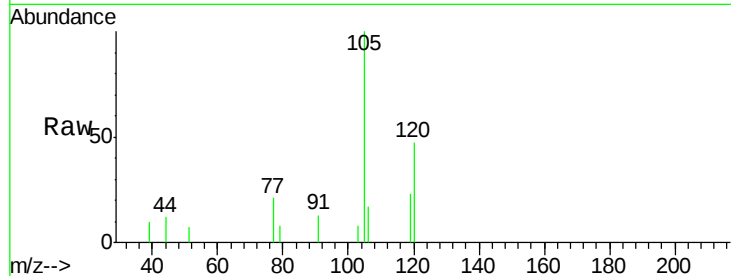
#80
 1,3,5-Trimethylbenzene
 Concen: 0.662 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 3779
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.5 73.5

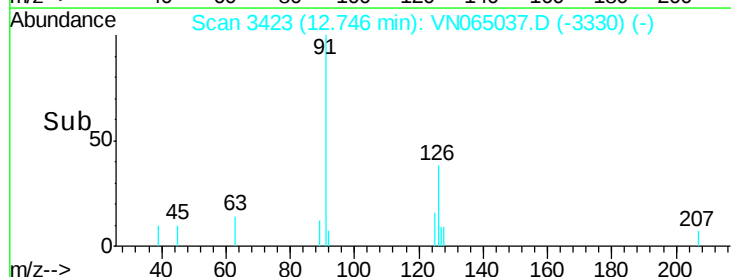
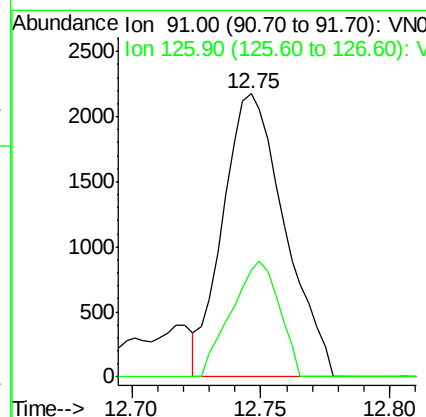
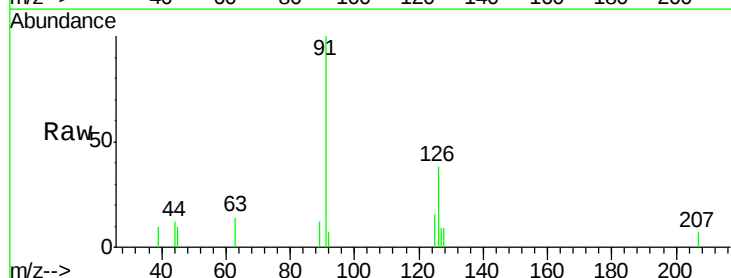
Manual Integrations
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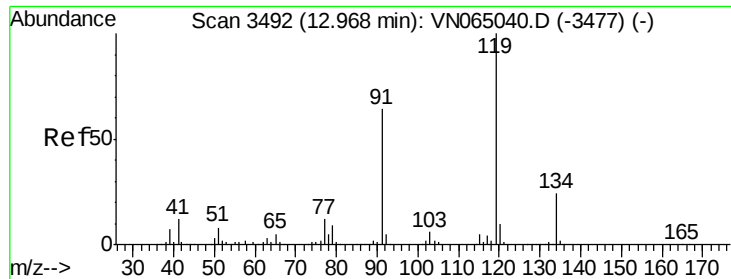
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#82
 4-Chlorotoluene
 Concen: 0.715 ug/l
 RT: 12.75 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion: 91 Resp: 3617
 Ion Ratio Lower Upper
 91 100
 126 31.7 17.3 52.0





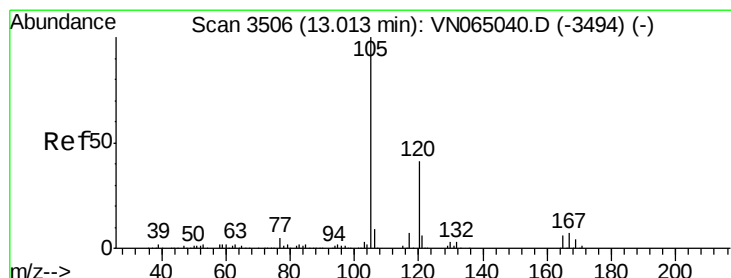
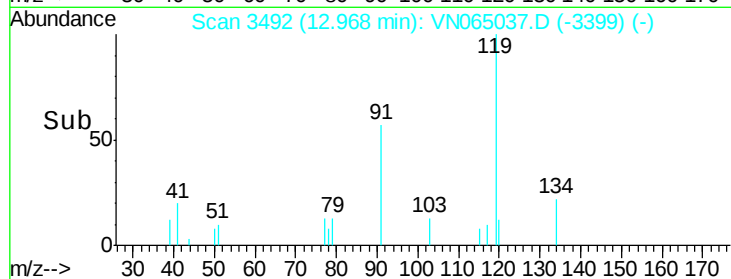
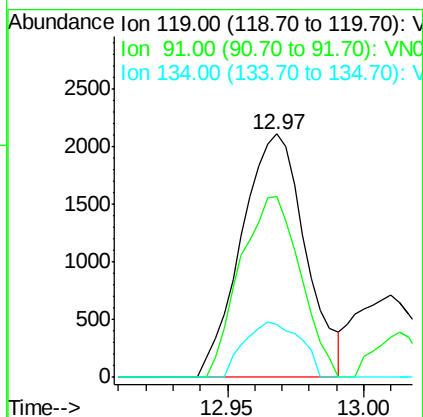
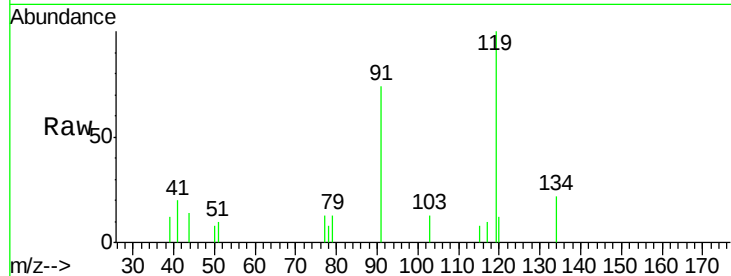
#83
tert-Butylbenzene
Concen: 0.720 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.6	31.1	93.5
134	19.9	12.6	37.6

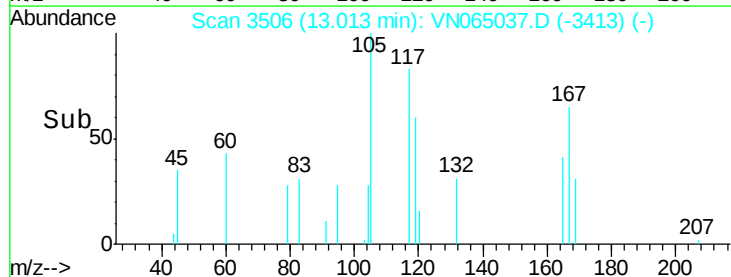
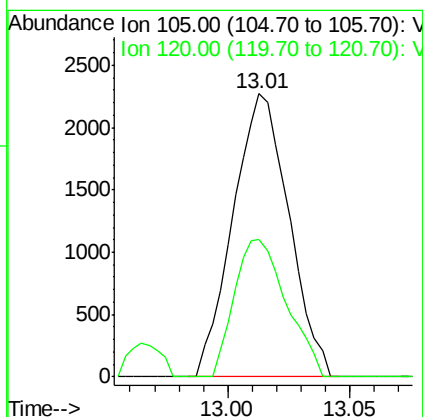
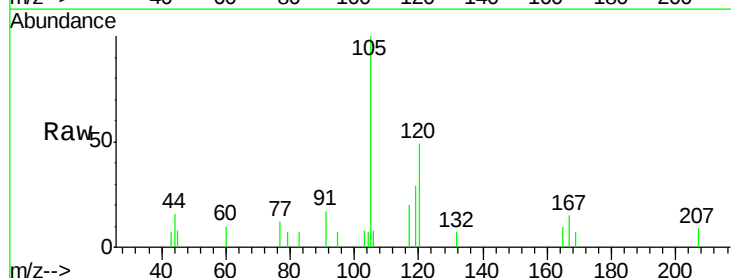
Manual Integrations
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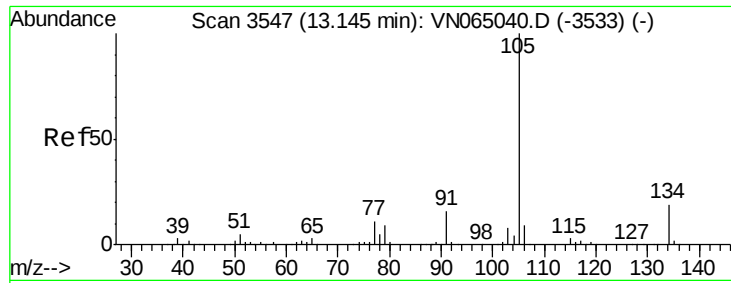
MMDadoda
12/11/2020 12:32:14 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.624 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 0.683 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 4312

Ion Ratio Lower Upper

105 100

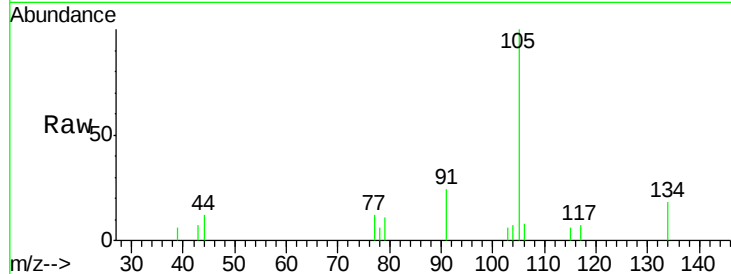
134 16.8 9.8 29.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

3000

2500

2000

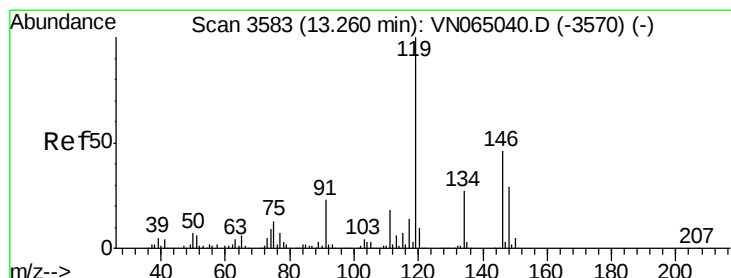
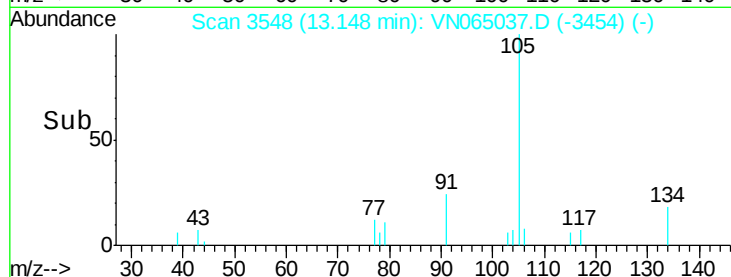
1500

1000

500

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.620 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

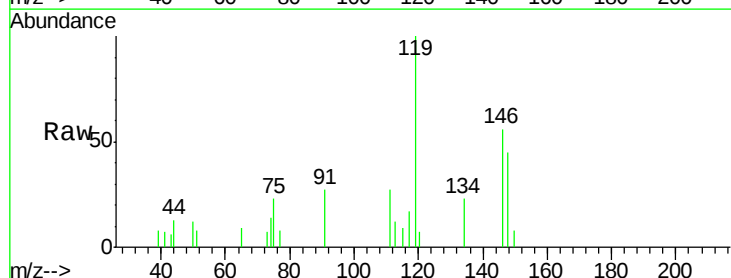
Tgt Ion:119 Resp: 3566

Ion Ratio Lower Upper

119 100

134 23.3 13.0 38.9

91 20.9 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

3000

2500

2000

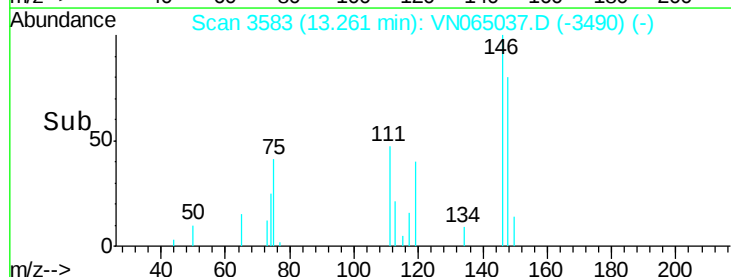
1500

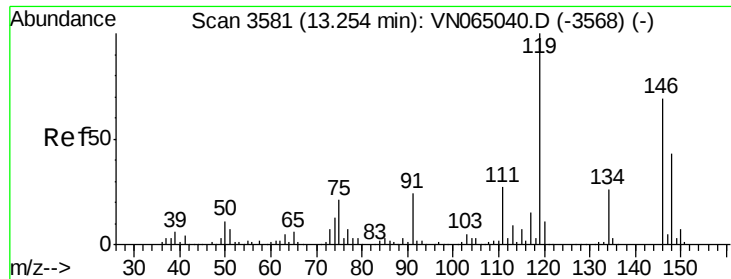
1000

500

0

Time-->





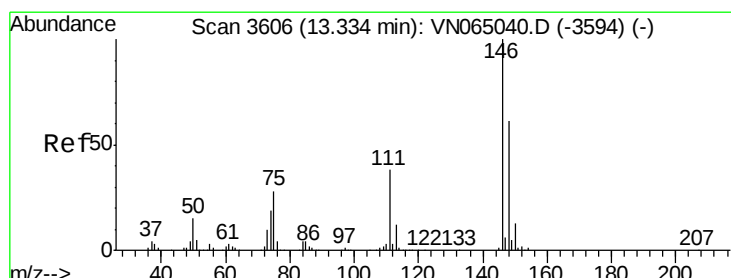
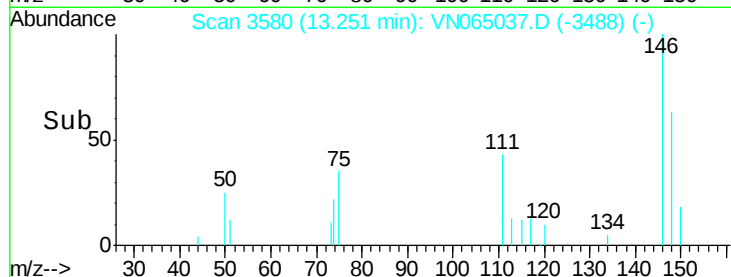
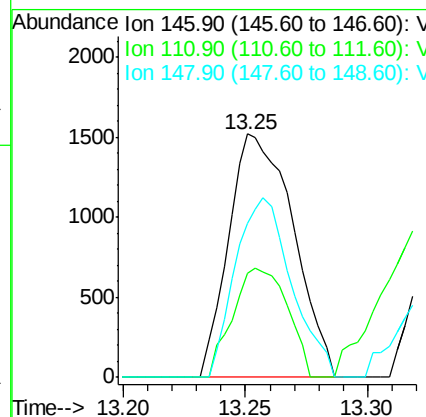
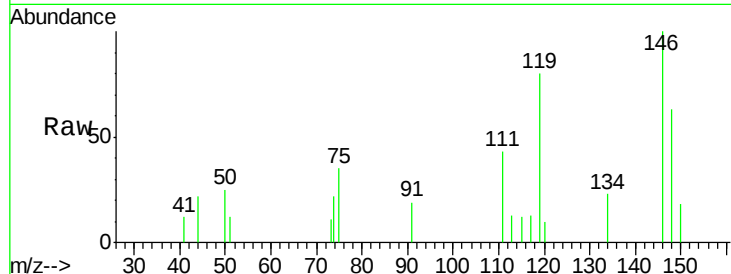
#87
 1,3-Dichlorobenzene
 Concen: 0.845 ug/l
 RT: 13.25 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.0	59.9
148	64.1	31.6	94.7

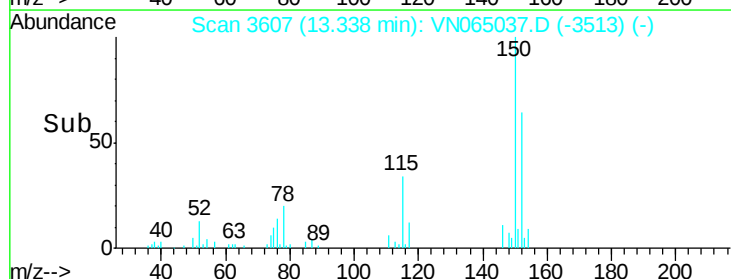
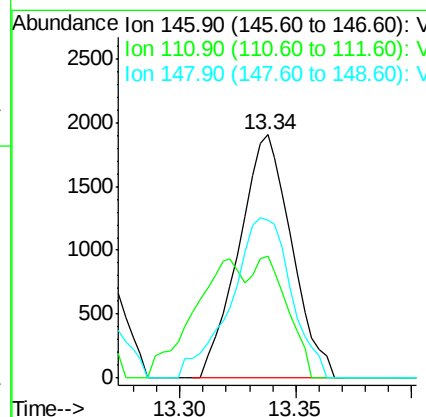
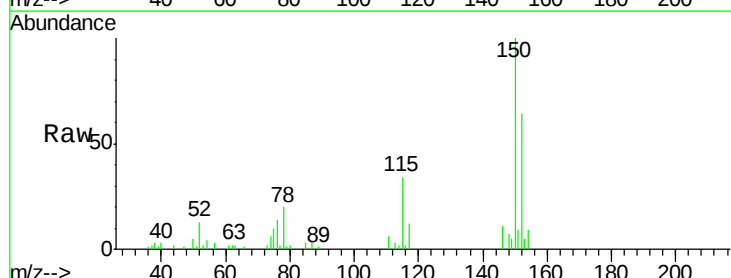
Manual Integrations
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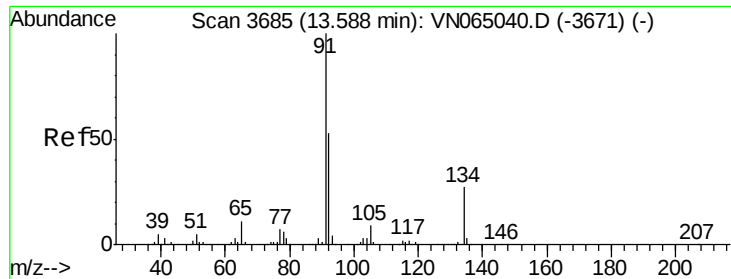
MMDadoda
 12/11/2020 12:32:14 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.864 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.2	19.2	57.6
148	74.8	31.1	93.3





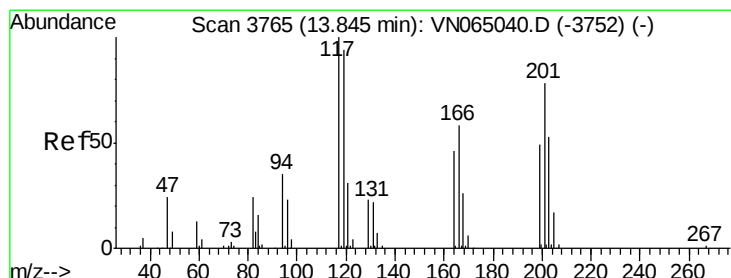
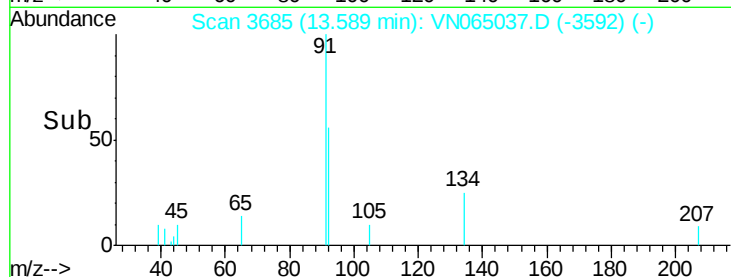
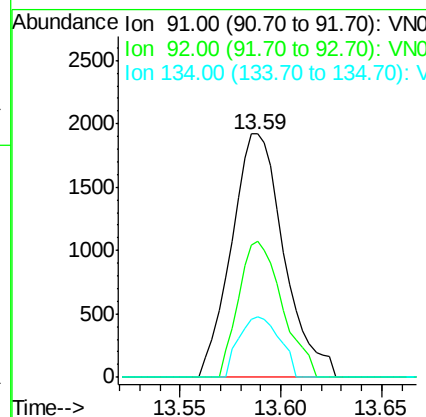
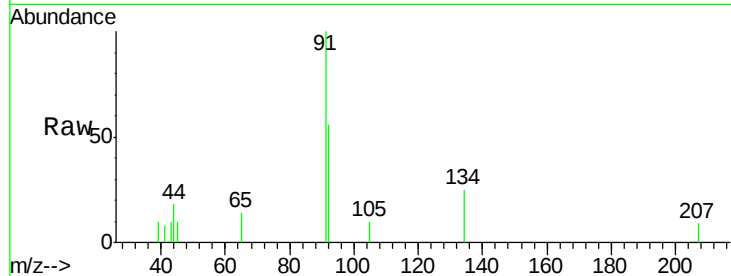
#89
n-Butylbenzene
Concen: 0.695 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	46.7	25.9	77.8
134	19.5	13.2	39.6

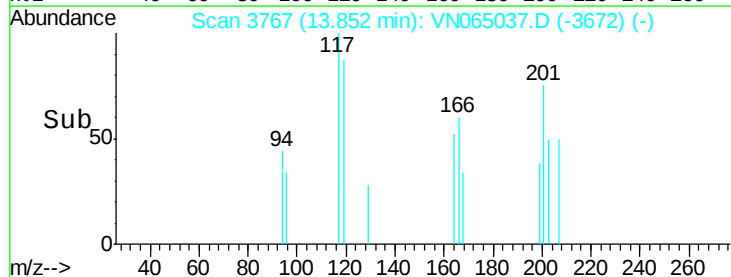
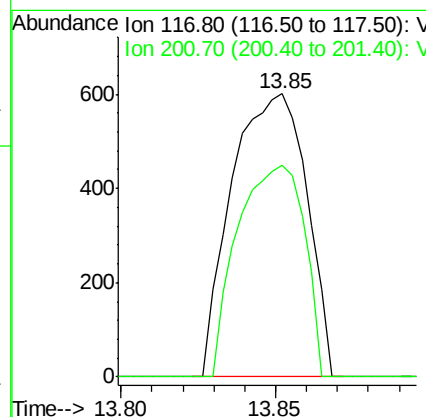
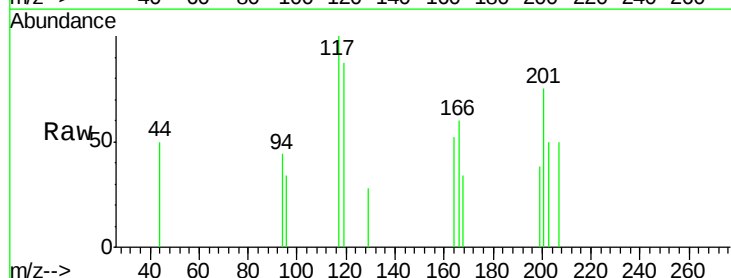
Manual Integrations
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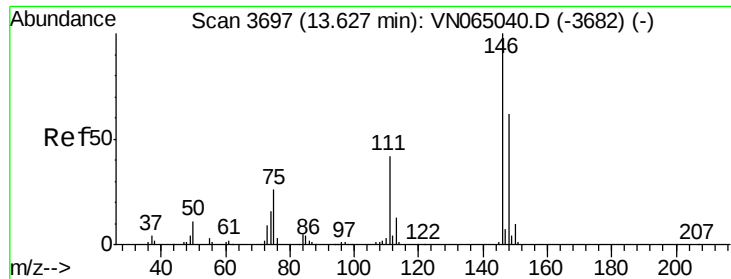
MMDadoda
12/11/2020 12:32:14 PM



#90
Hexachloroethane
Concen: 1.007 ug/l
RT: 13.85 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.7	39.5	118.3





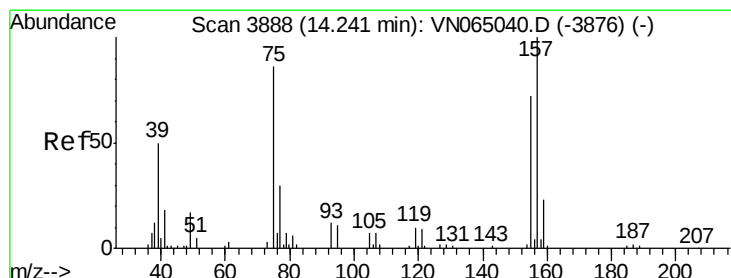
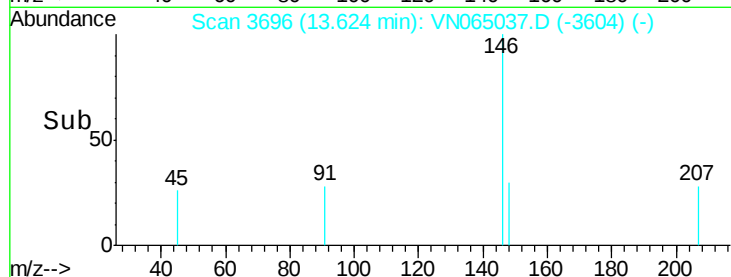
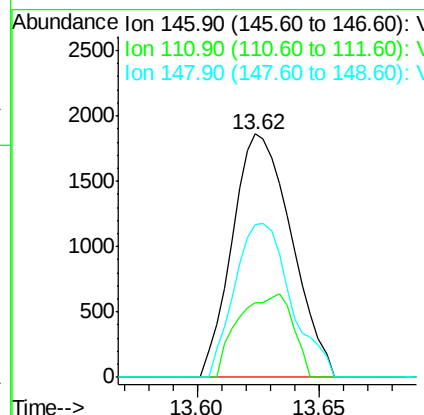
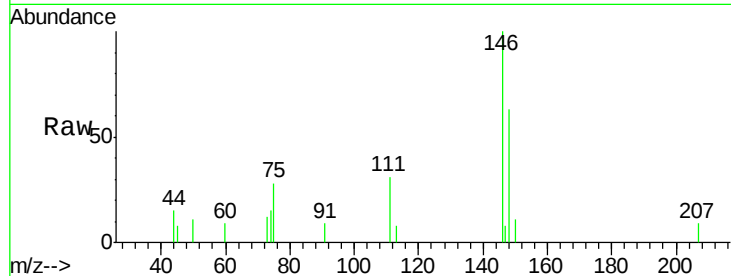
#91
 1,2-Dichlorobenzene
 Concen: 0.966 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	31.6	21.1	63.1
148	60.0	31.7	95.1

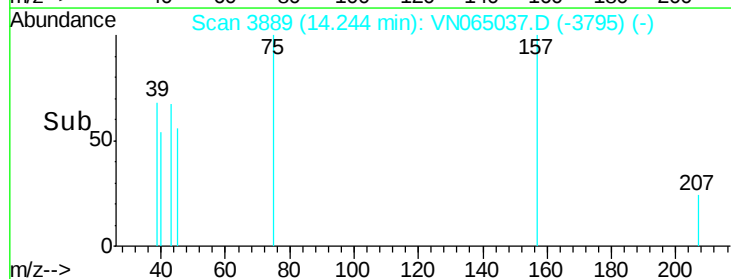
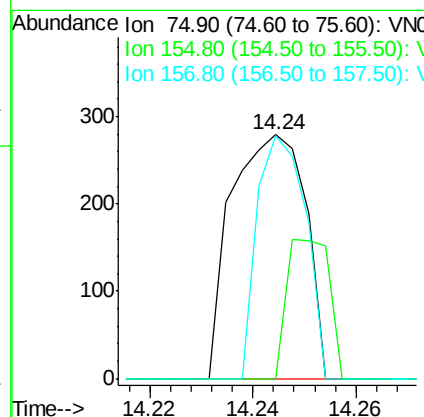
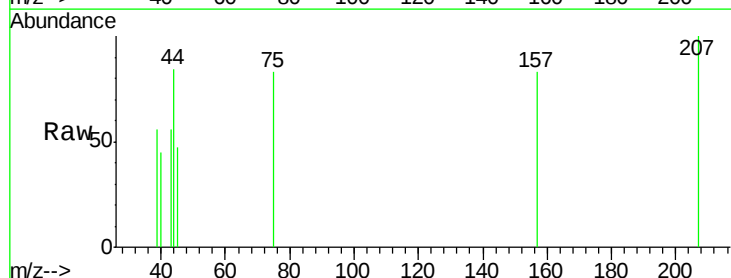
Manual Integrations
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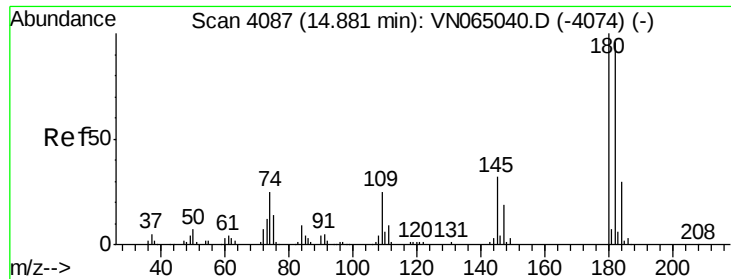
MMDadoda
 12/11/2020 12:32:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.620 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	32.6	43.8	131.4#
157	65.2	58.1	174.3





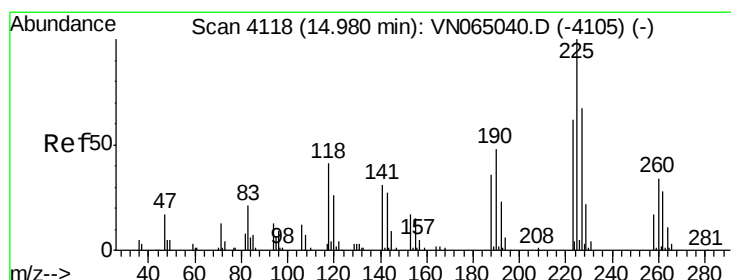
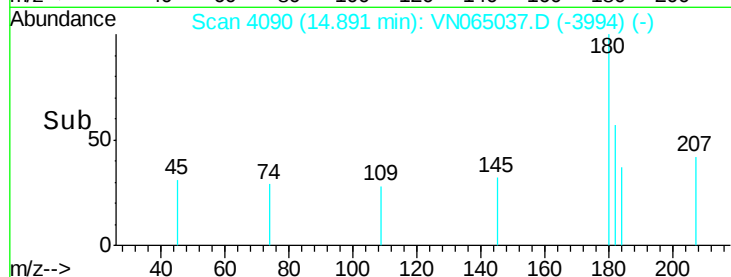
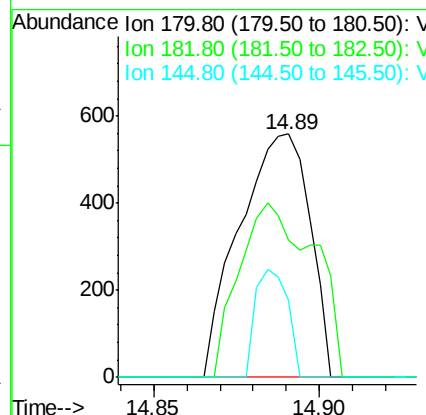
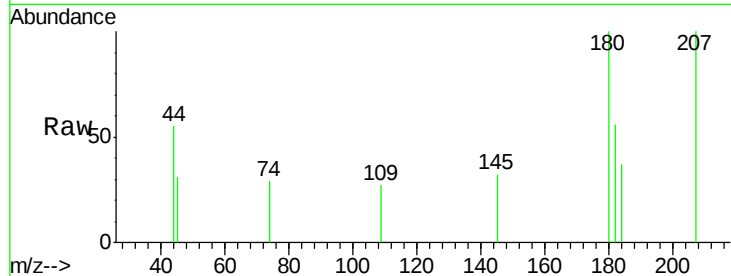
#93
1,2,4-Trichlorobenzene
Concen: 0.421 ug/l
RT: 14.89 min Scan# 4090
Delta R.T. 0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	76.2	47.0	141.2
145	20.2	15.4	46.4

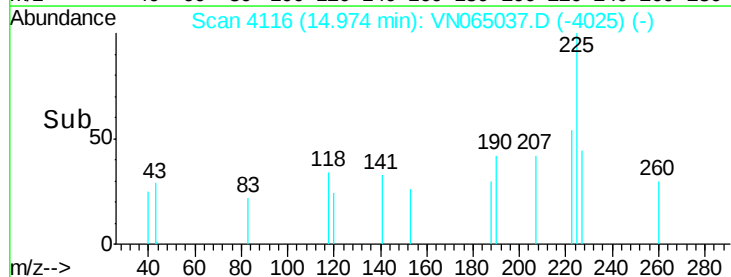
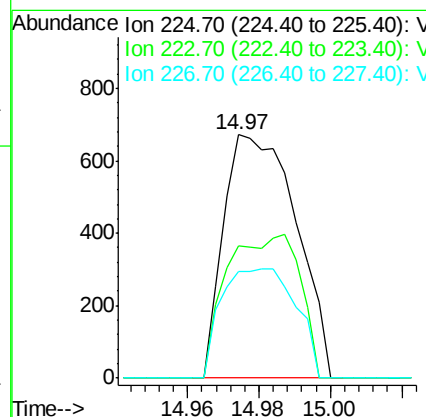
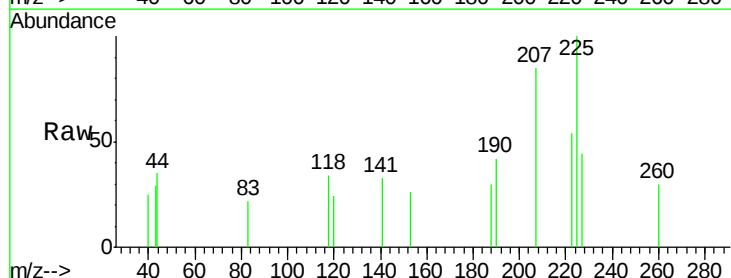
Manual Integrations
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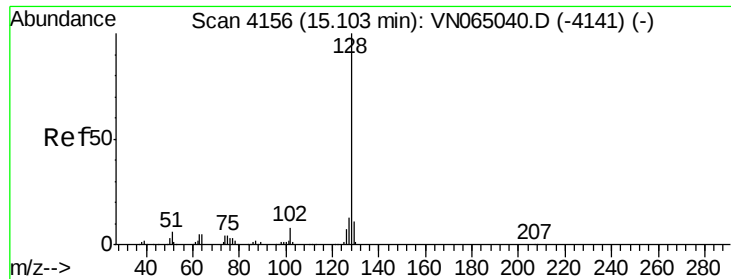
MMDadoda
12/11/2020 12:32:14 PM



#94
Hexachlorobutadiene
Concen: 0.940 ug/l
RT: 14.97 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	31.4	94.0
227	46.1	32.3	96.8





#95

Naphthalene

Concen: 0.377 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

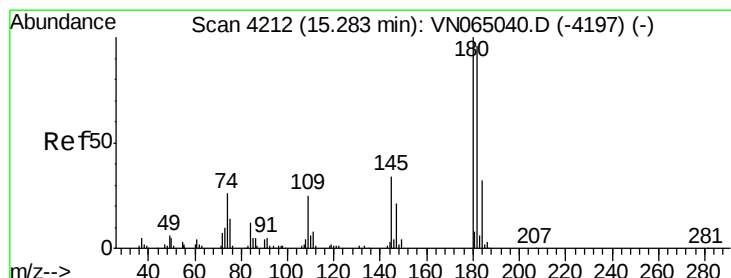
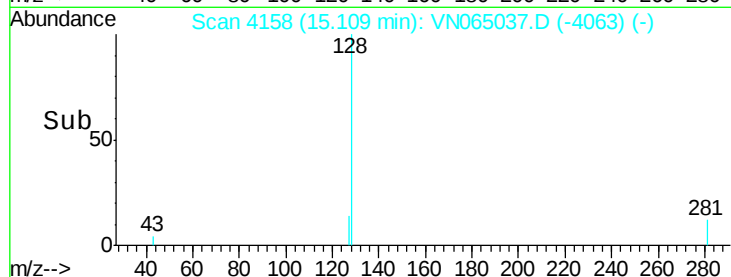
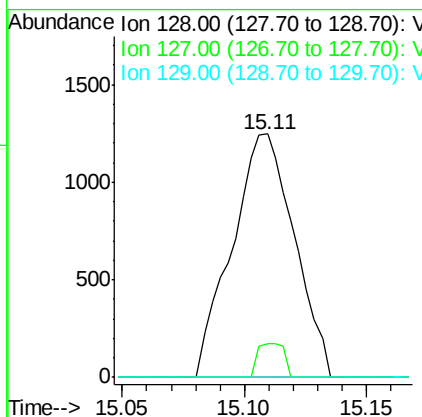
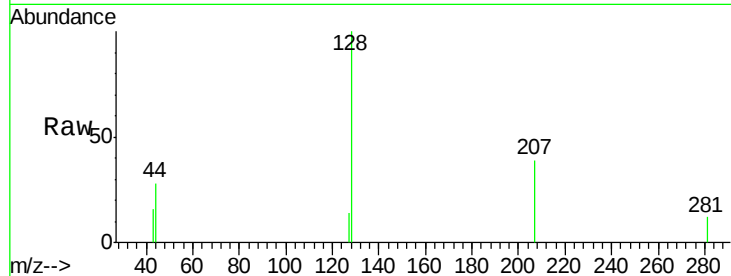
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	2207
Ion Ratio	Lower	Upper	
128	100		
127	5.8	10.2	15.2#
129	0.0	8.5	12.7#

Manual Integrations
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12/11/2020 12:32:14 PM



#96

1,2,3-Trichlorobenzene

Concen: 0.358 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion:	180	Resp:	690
Ion Ratio	Lower	Upper	
180	100		
182	107.7	48.3	144.9
145	13.9	16.2	48.6#

