

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065044.D
 Acq On : 10 Dec 2020 14:49
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:27 PM

Quant Time: Dec 10 15:46:46 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	174819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	277307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99579	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	1.84	85	1411	0.966	ug/l	97
3) Chloromethane	2.04	50	1693	0.886	ug/l #	85
4) Vinyl Chloride	2.17	62	1848	0.922	ug/l	92
6) Chloroethane	2.68	64	1145	0.913	ug/l	89
7) Trichlorofluoromethane	2.99	101	2250	0.802	ug/l	99
8) Diethyl Ether	3.38	74	858	0.773	ug/l #	48
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1505	0.891	ug/l #	47
12) 1,1-Dichloroethene	3.70	96	1715	1.031	ug/l #	59
14) Allyl chloride	4.27	41	1951	0.710	ug/l #	84
15) Acrylonitrile	4.94	53	2753	3.197	ug/l #	81
16) Acetone	3.78	43	3895	5.707	ug/l	91
17) Carbon Disulfide	4.01	76	6326	1.334	ug/l	96
18) Methyl Acetate	4.28	43	1784m	0.894	ug/l	
19) Methyl tert-butyl Ether	4.98	73	3632m	0.676	ug/l	
20) Methylene Chloride	4.50	84	2378m	1.143	ug/l	
21) trans-1,2-Dichloroethene	4.98	96	1895	1.024	ug/l #	78
22) Diisopropyl ether	5.91	45	3645m	0.657	ug/l	
23) Vinyl Acetate	5.84	43	15068m	3.418	ug/l	
24) 1,1-Dichloroethane	5.80	63	2617m	0.789	ug/l	
25) 2-Butanone	6.78	43	4022m	3.771	ug/l	
26) 2,2-Dichloropropane	6.77	77	2421	0.842	ug/l #	57
27) cis-1,2-Dichloroethene	6.78	96	1867m	0.890	ug/l	
28) Bromochloromethane	7.14	49	1522	1.002	ug/l #	76
29) Tetrahydrofuran	7.17	42	1914	2.624	ug/l #	81
30) Chloroform	7.32	83	3036m	0.882	ug/l	
32) 1,1,1-Trichloroethane	7.52	97	2438	0.829	ug/l #	48
36) 1,1-Dichloropropene	7.74	75	2103	0.826	ug/l #	84
37) Ethyl Acetate	6.88	43	1392	0.576	ug/l #	67
38) Carbon Tetrachloride	7.73	117	2098	0.791	ug/l	87
39) Methylcyclohexane	9.04	83	2165	0.802	ug/l	90
40) Benzene	7.99	78	5908	0.757	ug/l #	89
41) Methacrylonitrile	7.13	41	945m	0.812	ug/l	
42) 1,2-Dichloroethane	8.08	62	1823	0.691	ug/l	78
43) Isopropyl Acetate	8.12	43	2713	0.694	ug/l #	72

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Manual Integrations
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Quant Time: Dec 10 15:46:46 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	1855	0.809	ug/l	93
45) 1,2-Dichloropropane	9.07	63	1415	0.694	ug/l	99
46) Dibromomethane	9.17	93	950	0.700	ug/l #	86
47) Bromodichloromethane	9.36	83	2149	0.787	ug/l #	90
48) Methyl methacrylate	9.16	41	1244	0.666	ug/l	93
49) 1,4-Dioxane	9.17	88	365	10.357	ug/l #	64
51) 4-Methyl-2-Pentanone	9.95	43	7066	3.012	ug/l	96
52) Toluene	10.12	92	3687	0.765	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	2010	0.664	ug/l #	70
54) cis-1,3-Dichloropropene	9.80	75	2559	0.787	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	1498	0.751	ug/l #	83
56) Ethyl methacrylate	10.40	69	1482	0.548	ug/l #	85
57) 1,3-Dichloropropane	10.68	76	2254	0.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	5334	3.577	ug/l	90
59) 2-Hexanone	10.72	43	5232	3.102	ug/l	77
60) Dibromochloromethane	10.86	129	1411	0.639	ug/l	72
61) 1,2-Dibromoethane	10.97	107	1450	0.720	ug/l	96
64) Tetrachloroethene	10.59	164	1920	0.827	ug/l	95
65) Chlorobenzene	11.40	112	4626	0.889	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.48	131	1535	0.803	ug/l #	50
67) Ethyl Benzene	11.48	91	6648	0.770	ug/l	98
68) m/p-Xylenes	11.60	106	4470	1.360	ug/l	82
69) o-Xylene	11.92	106	2111	0.678	ug/l	92
70) Styrene	11.94	104	3637	0.692	ug/l	98
71) Bromoform	12.09	173	993	0.654	ug/l #	89
73) Isopropylbenzene	12.22	105	5183	0.751	ug/l	94
74) N-amyl acetate	12.04	43	1814m	0.680	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.48	83	1855	0.914	ug/l #	93
76) 1,2,3-Trichloropropane	12.53	75	1881m	0.891	ug/l	
77) Bromobenzene	12.50	156	1675	0.898	ug/l	80
78) n-propylbenzene	12.56	91	6069	0.775	ug/l	96
79) 2-Chlorotoluene	12.65	91	3638	0.751	ug/l	93
80) 1,3,5-Trimethylbenzene	12.71	105	3921	0.684	ug/l	99
82) 4-Chlorotoluene	12.75	91	4276	0.841	ug/l	94
83) tert-Butylbenzene	12.96	119	3624	0.754	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	3933	0.677	ug/l	94
85) sec-Butylbenzene	13.14	105	4630	0.730	ug/l	94
86) p-Isopropyltoluene	13.26	119	3644	0.631	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	3185	0.961	ug/l	95
88) 1,4-Dichlorobenzene	13.33	146	3589	1.024	ug/l	84
89) n-Butylbenzene	13.59	91	3598	0.713	ug/l	97
90) Hexachloroethane	13.84	117	968	0.960	ug/l	78
91) 1,2-Dichlorobenzene	13.63	146	3379	1.038	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.25	75	304	0.681	ug/l #	46
93) 1,2,4-Trichlorobenzene	14.88	180	1355	0.688	ug/l	91
94) Hexachlorobutadiene	14.98	225	1302	1.297	ug/l	94
95) Naphthalene	15.11	128	3350	0.570	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	1391	0.718	ug/l	88

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ClientSampleId :
VSTDICC001

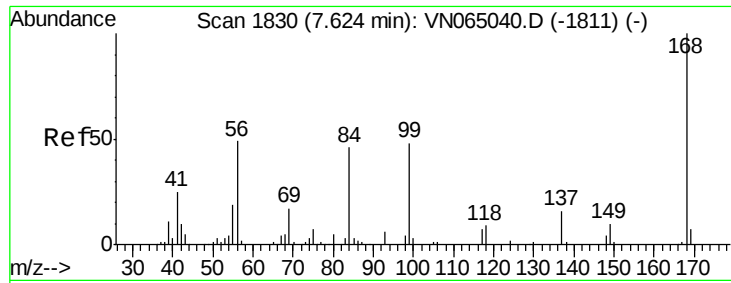
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 174819

Ion Ratio Lower Upper

168 100

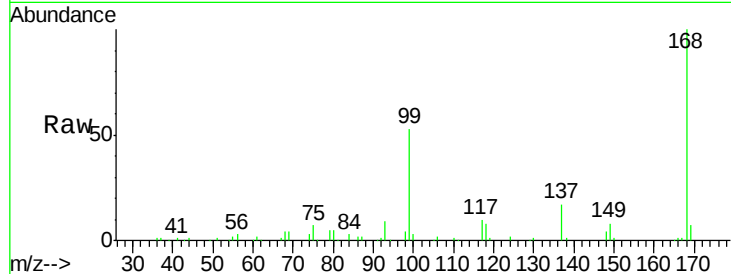
99 52.6 44.0 66.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

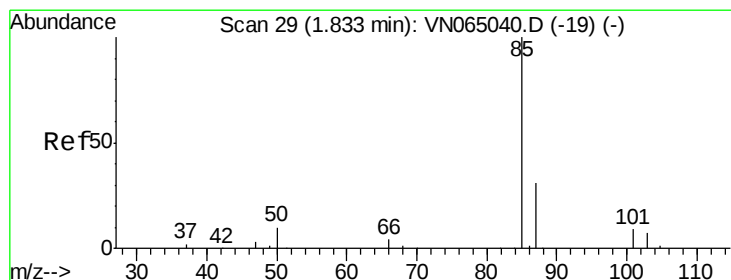
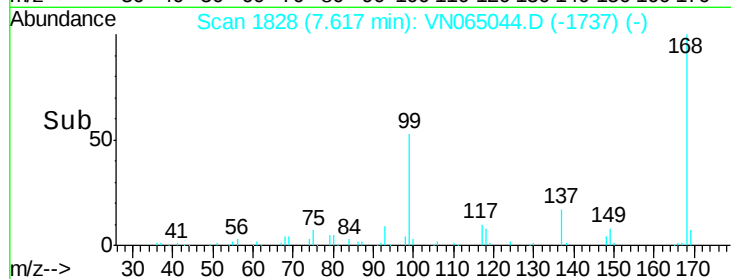
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.966 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN065044.D

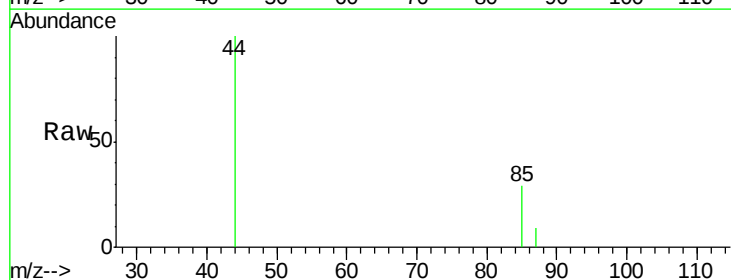
Acq: 10 Dec 2020 14:49

Tgt Ion: 85 Resp: 1411

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

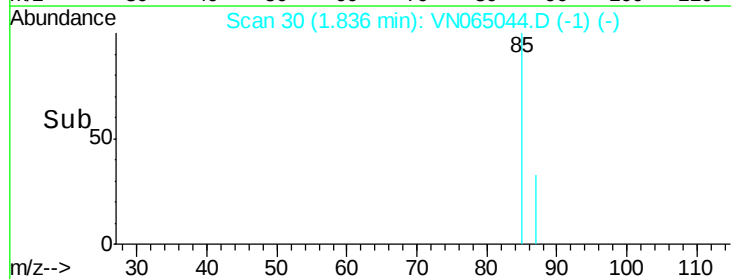
1.84

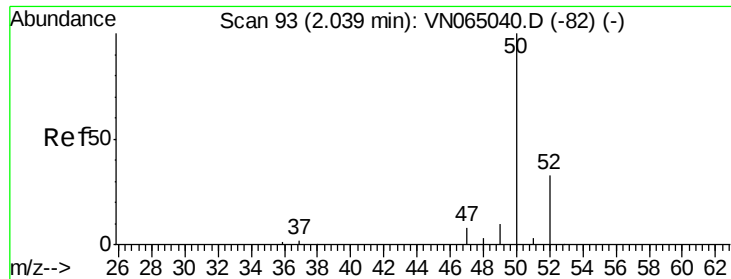
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.886 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 1693

Ion Ratio Lower Upper

50 100

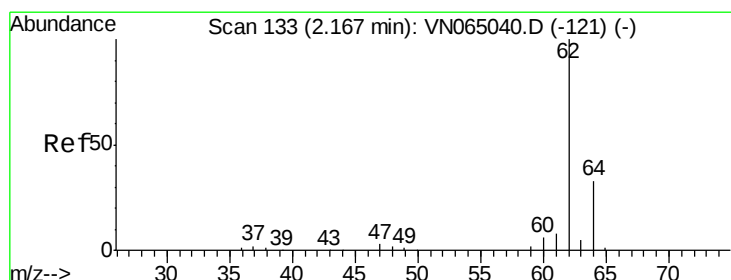
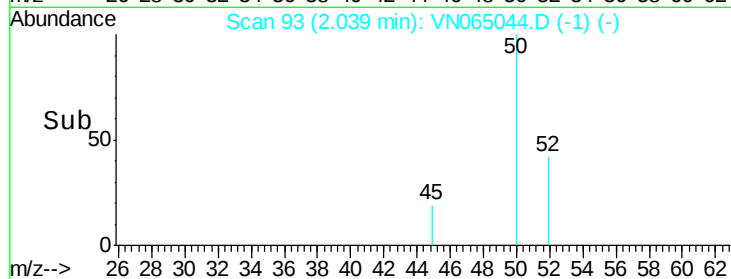
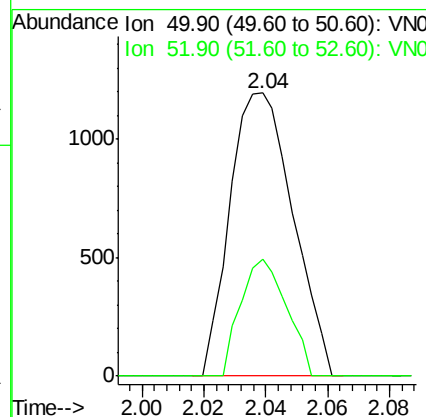
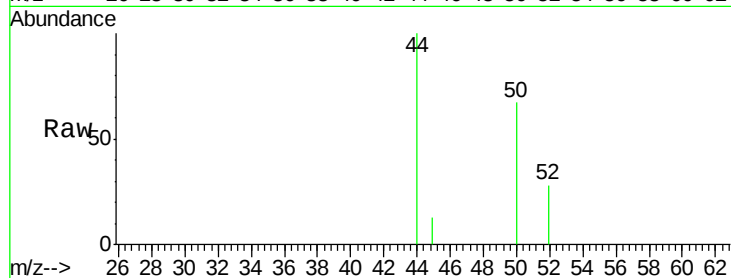
52 41.5 26.5 39.7#

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#4

Vinyl Chloride

Concen: 0.922 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065044.D

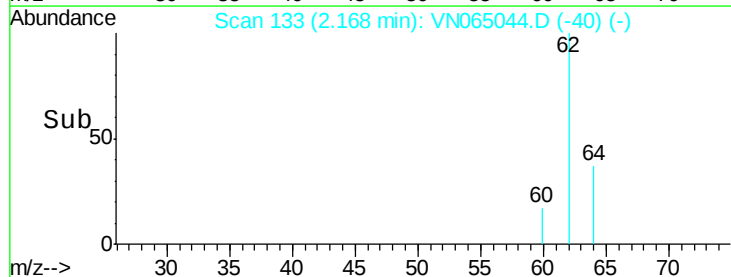
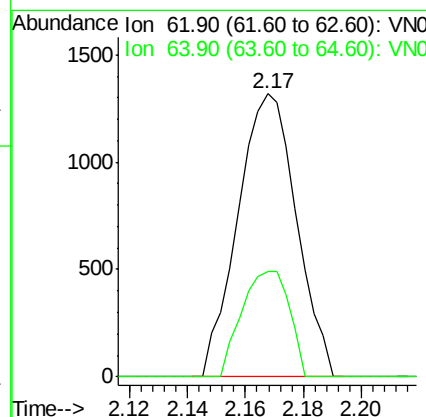
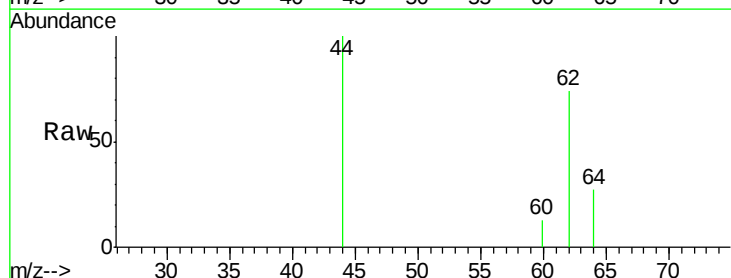
Acq: 10 Dec 2020 14:49

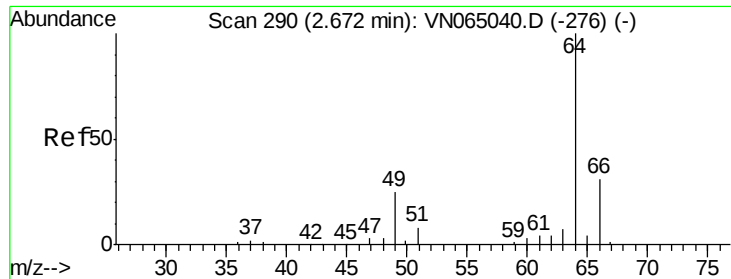
Tgt Ion: 62 Resp: 1848

Ion Ratio Lower Upper

62 100

64 37.0 26.1 39.1





#6

Chloroethane

Concen: 0.913 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tot Ion: 64 Resp: 1145

Ion Ratio Lower Upper

64 100

66 36.7 24.6 37.0

Instrument :

MSVOA_N

ClientSampleId :

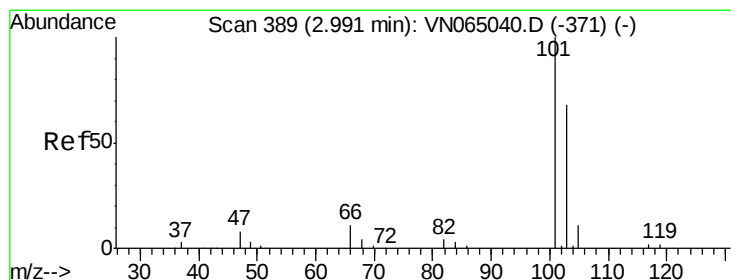
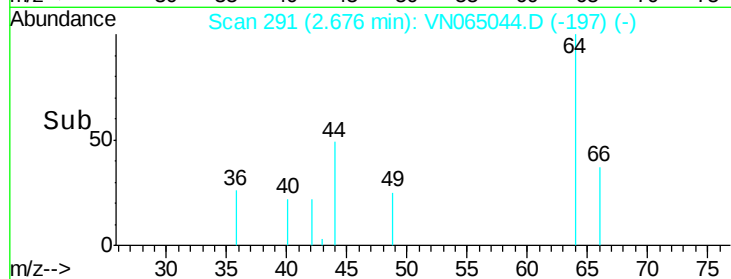
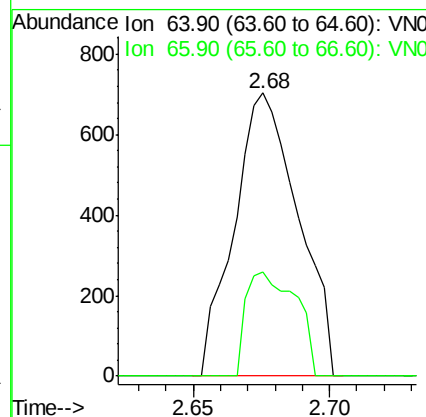
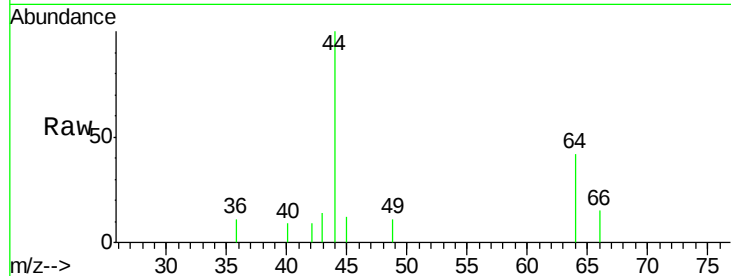
VSTDIC001

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 0.802 ug/l

RT: 2.99 min Scan# 388

Delta R.T. -0.00 min

Lab File: VN065044.D

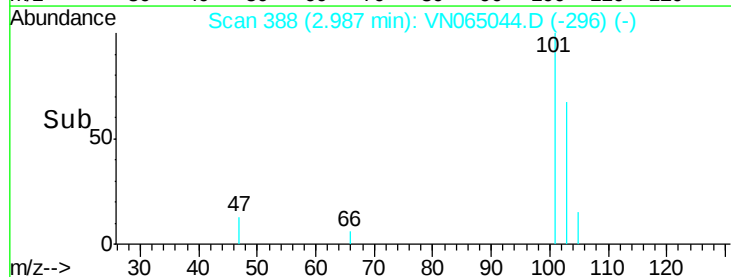
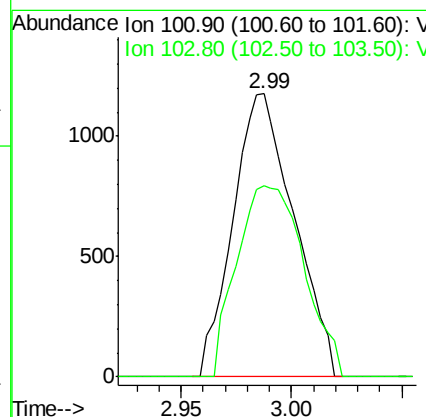
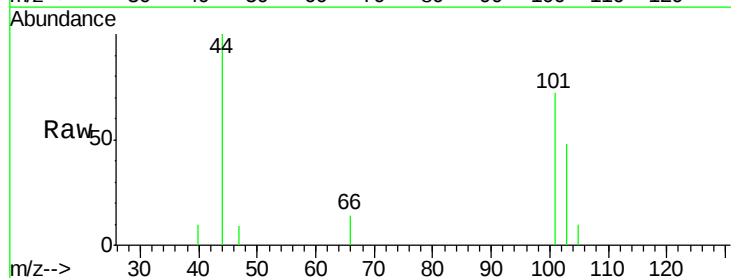
Acq: 10 Dec 2020 14:49

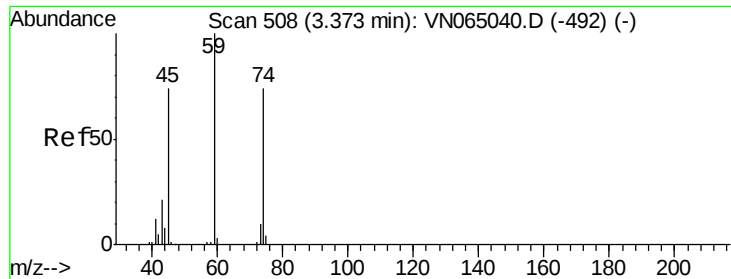
Tgt Ion: 101 Resp: 2250

Ion Ratio Lower Upper

101 100

103 67.5 54.5 81.7





#8

Diethyl Ether

Concen: 0.773 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 858

Ion Ratio Lower Upper

74 100

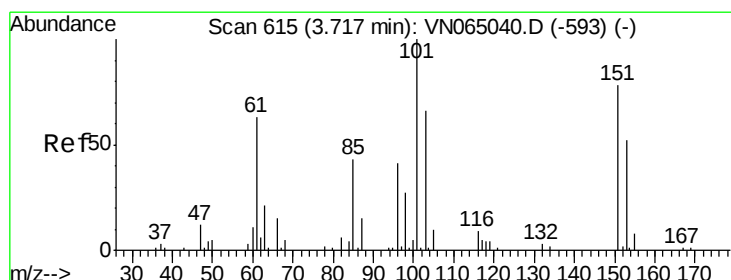
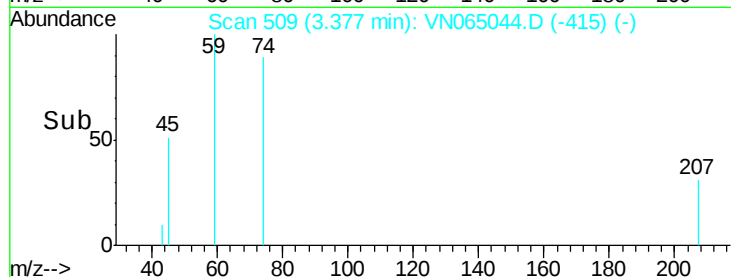
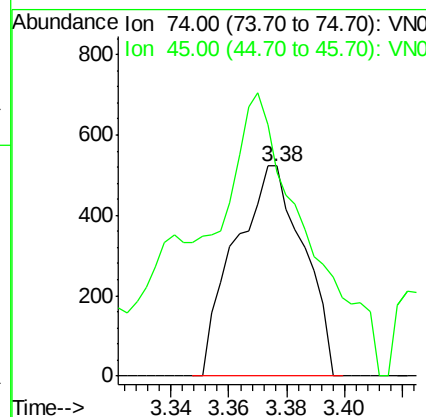
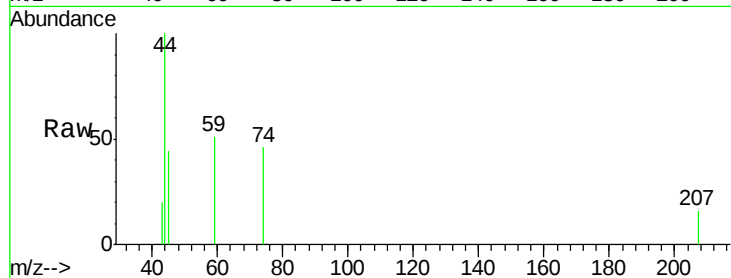
45 149.2 49.1 147.3#

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.891 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

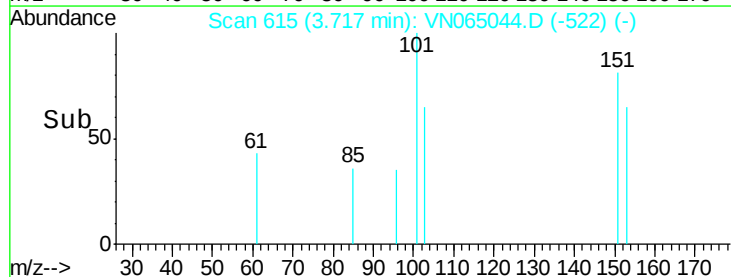
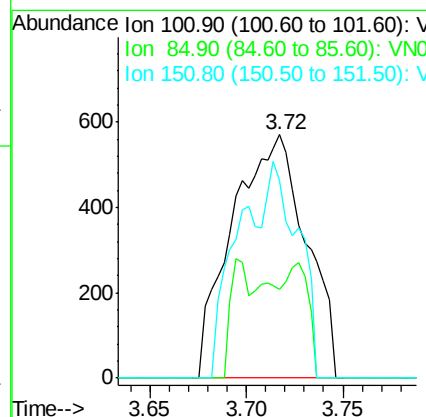
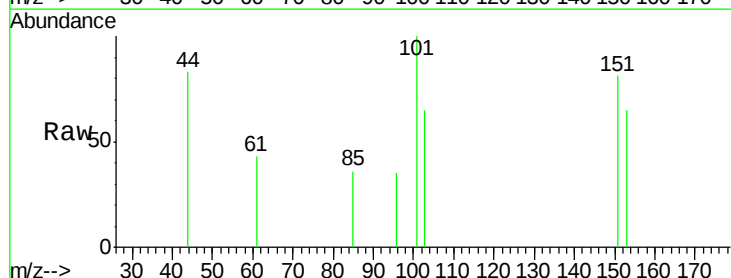
Tgt Ion: 101 Resp: 1505

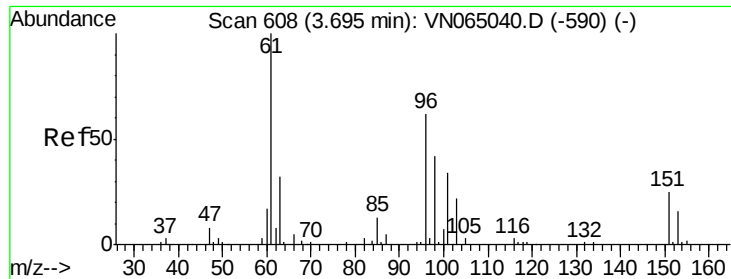
Ion Ratio Lower Upper

101 100

85 0.0 33.2 49.8#

151 38.7 63.7 95.5#





#12

1,1-Dichloroethene

Concen: 1.031 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

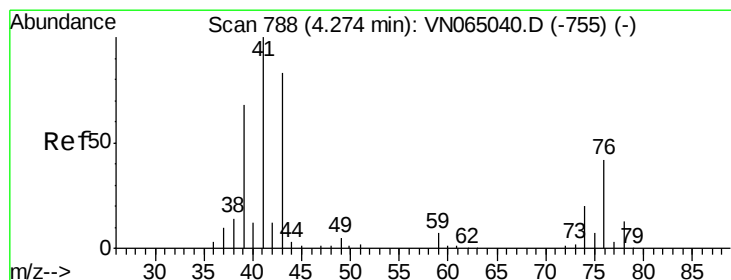
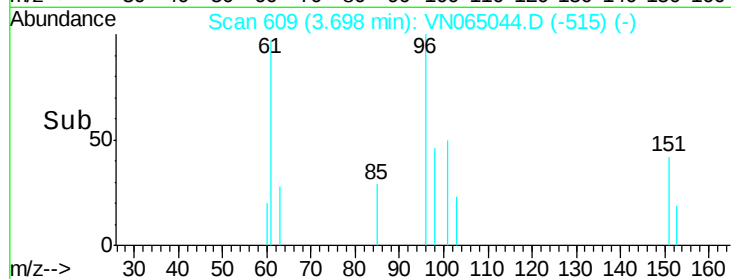
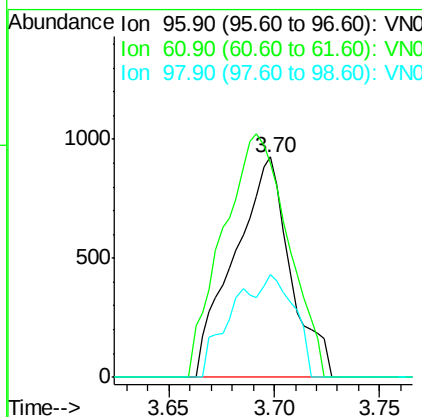
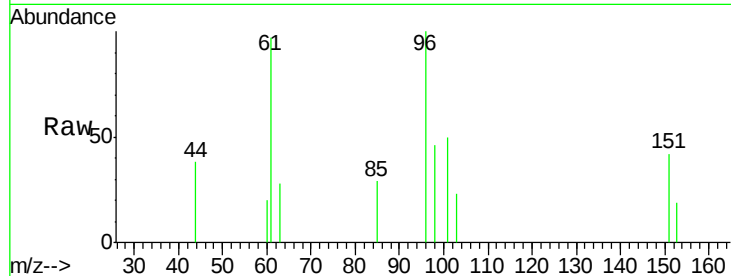
ClientSampled :

VSTDIC001

Tot Ion:	96	Resp:	1715
Ion	Ratio	Lower	Upper
96	100		
61	97.1	128.4	192.6#
98	46.5	53.6	80.4#

Manual Integrations
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#14

Allyl chloride

Concen: 0.710 ug/l

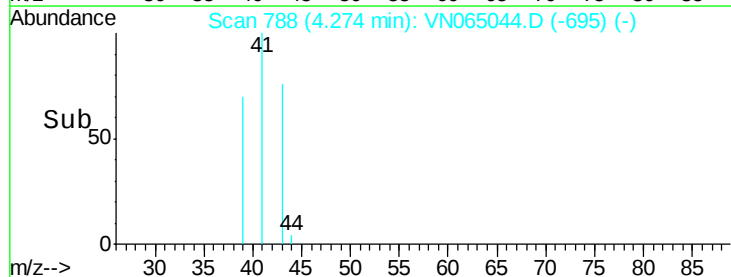
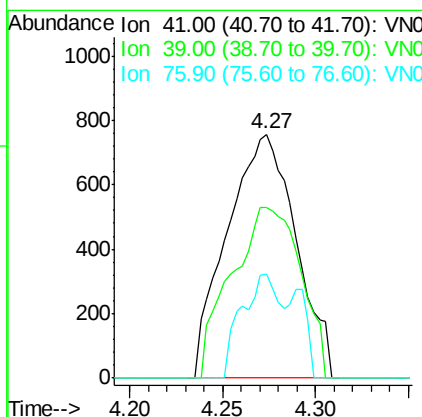
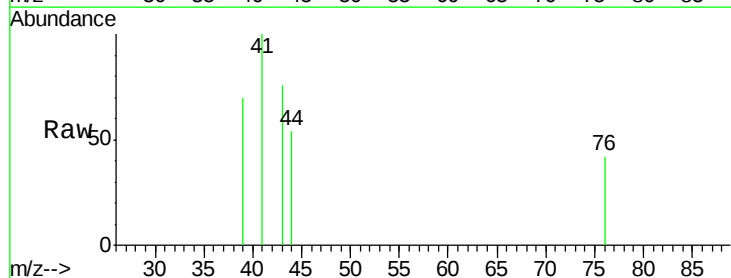
RT: 4.27 min Scan# 788

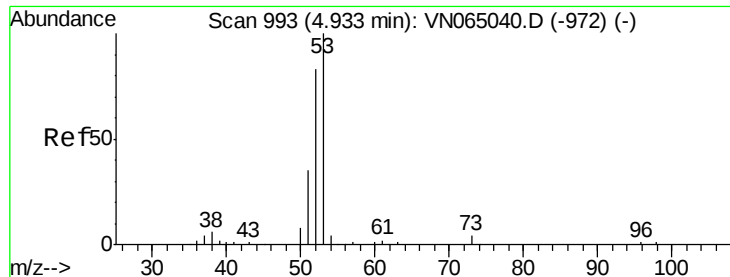
Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion:	41	Resp:	1951
Ion	Ratio	Lower	Upper
41	100		
39	70.8	49.0	73.6
76	23.8	29.6	44.4#





#15

Acrylonitrile

Concen: 3.197 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

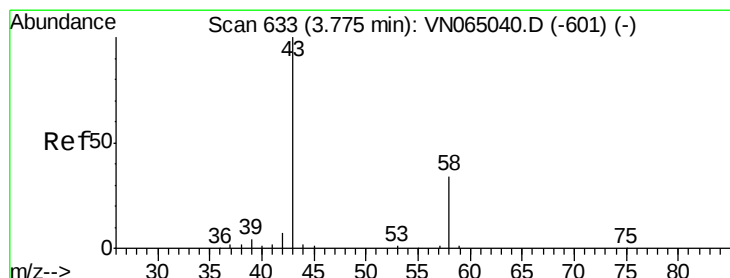
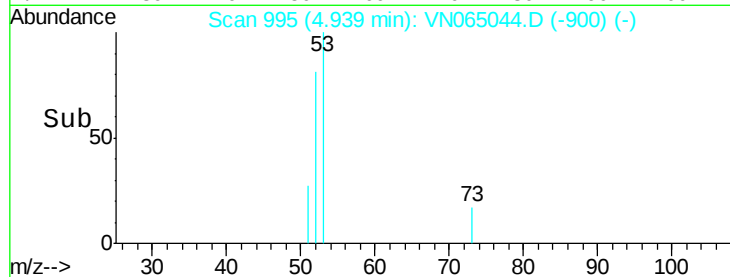
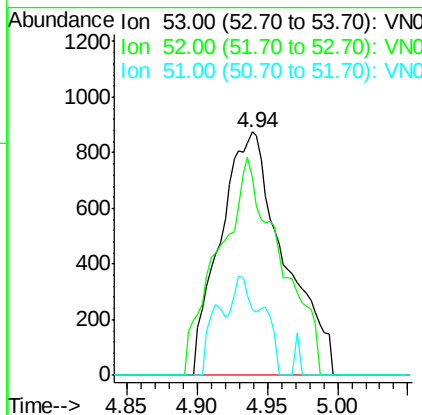
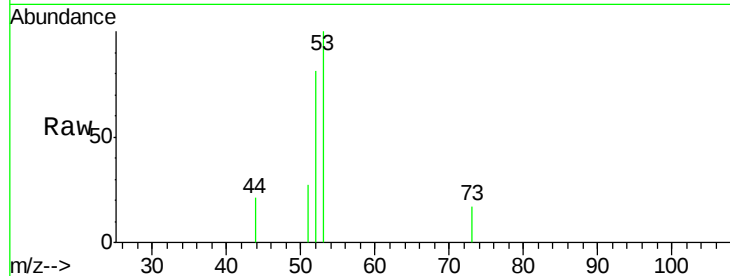
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	2753
Ion	Ratio	Lower	Upper
53	100		
52	86.7	65.4	98.0
51	6.1	27.8	41.6#

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#16

Acetone

Concen: 5.707 ug/l

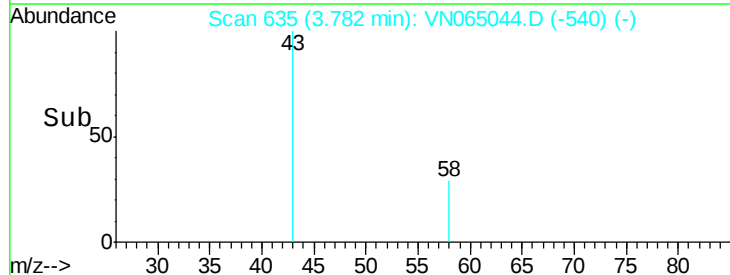
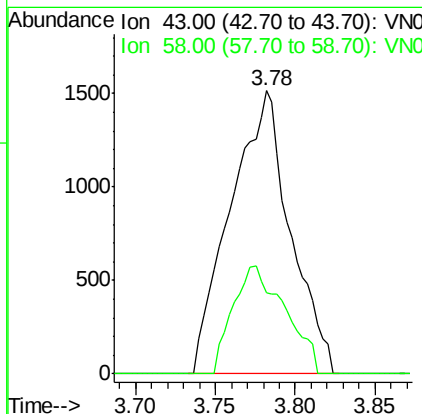
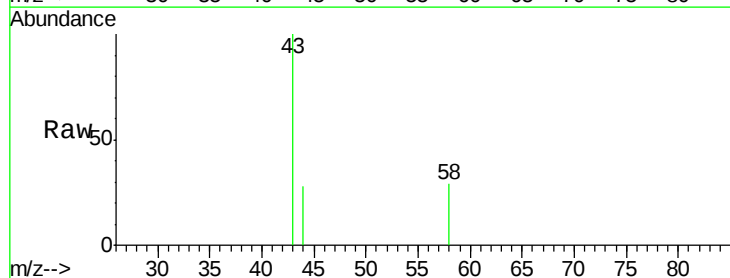
RT: 3.78 min Scan# 635

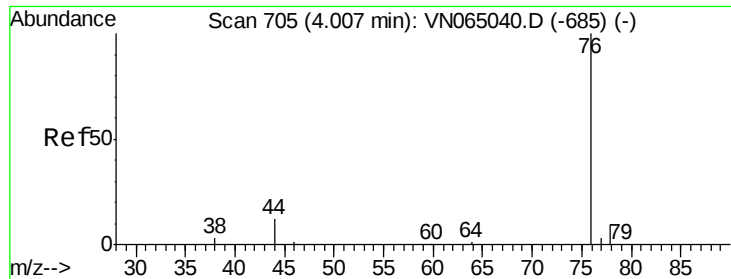
Delta R.T. 0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion:	43	Resp:	3895
Ion	Ratio	Lower	Upper
43	100		
58	28.5	26.8	40.2





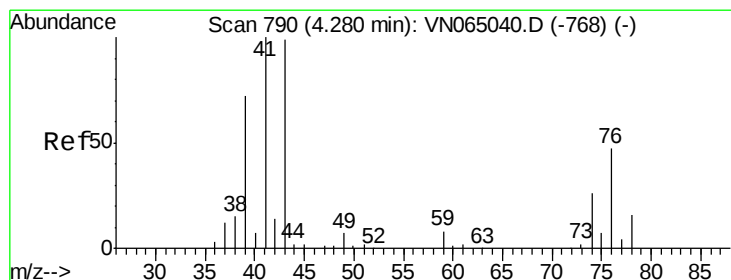
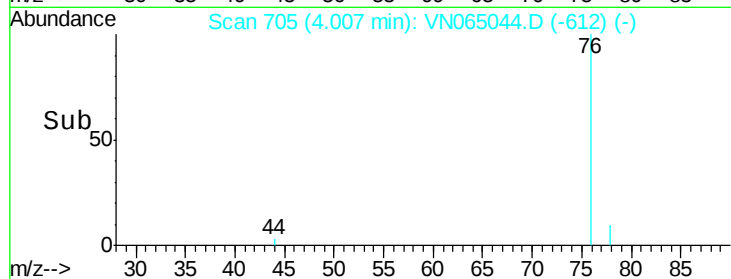
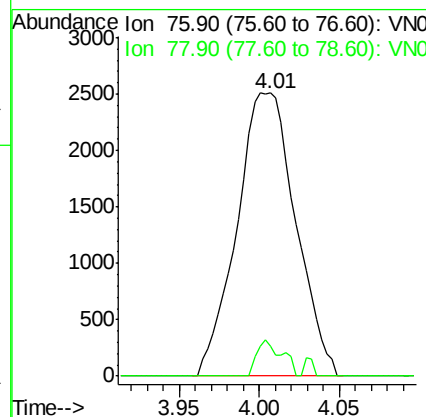
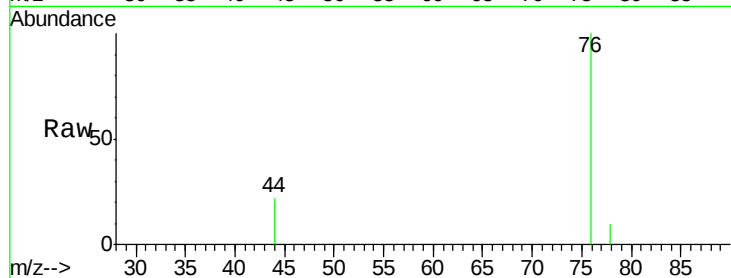
#17
Carbon Disulfide
Concen: 1.334 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 6326
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7

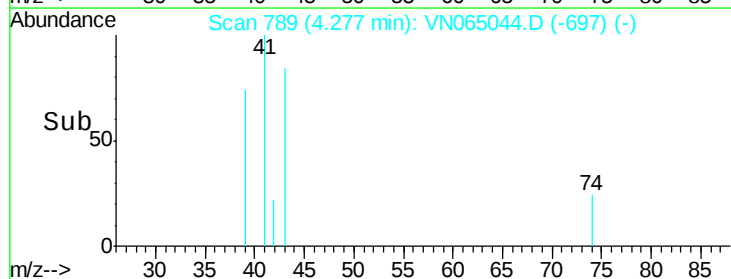
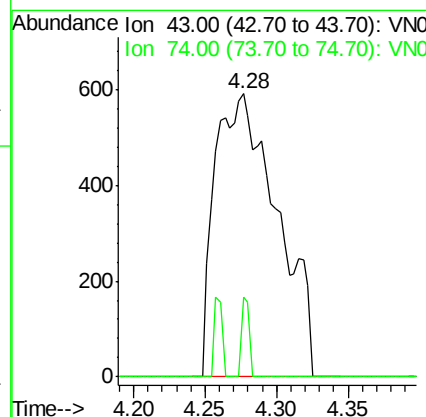
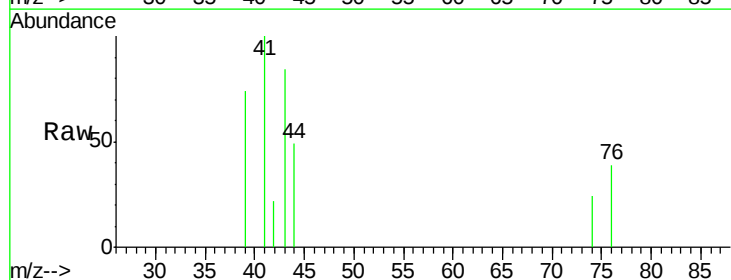
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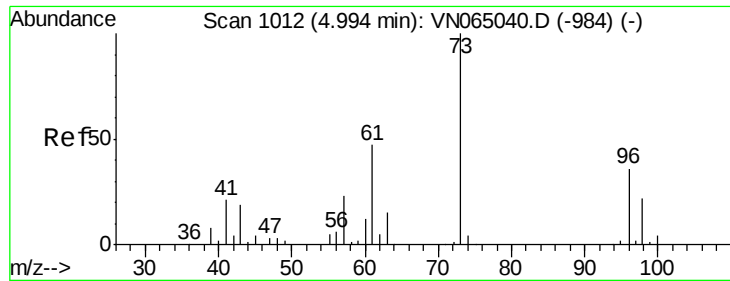
MMDadoda
12/11/2020 12:32:27 PM



#18
Methyl Acetate
Concen: 0.894 ug/l m
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
74 3.5 20.1 30.1#





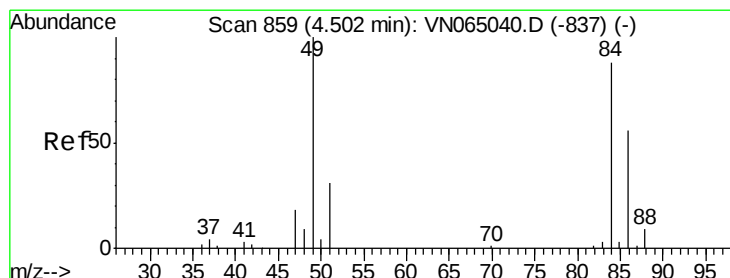
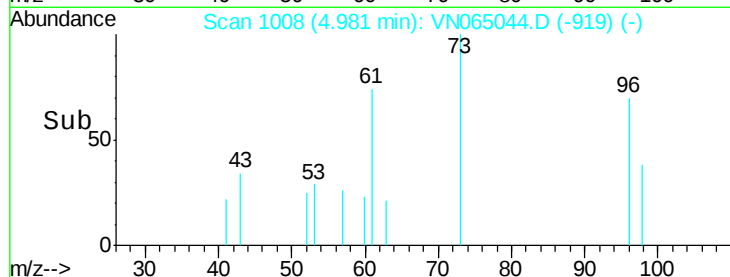
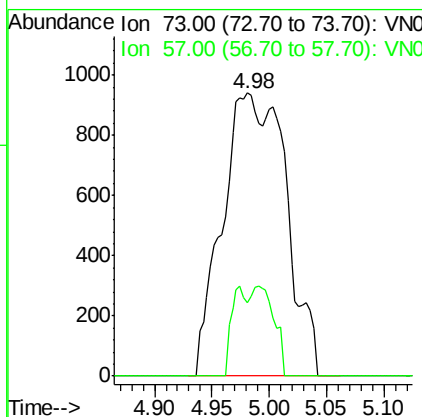
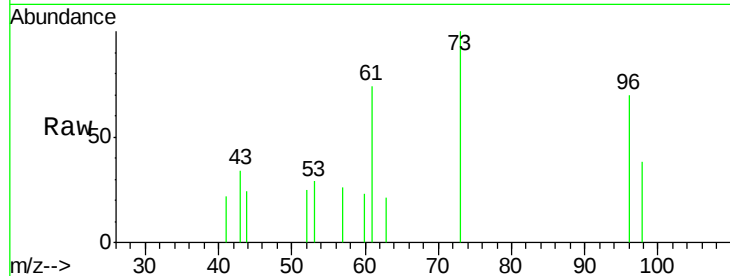
#19
Methvl tert-butvl Ether
Concen: 0.676 ug/l m
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 3632
Ion Ratio Lower Upper
73 100
57 25.9 18.0 27.0

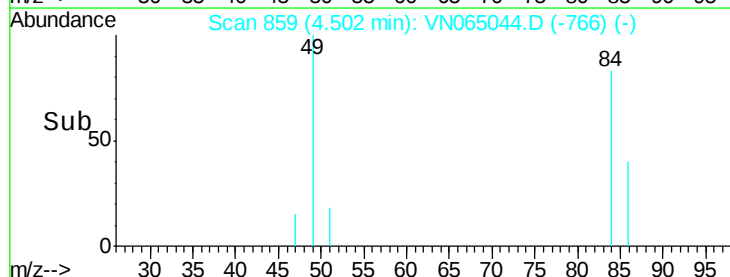
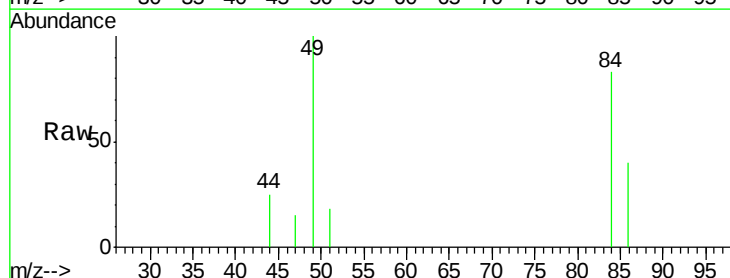
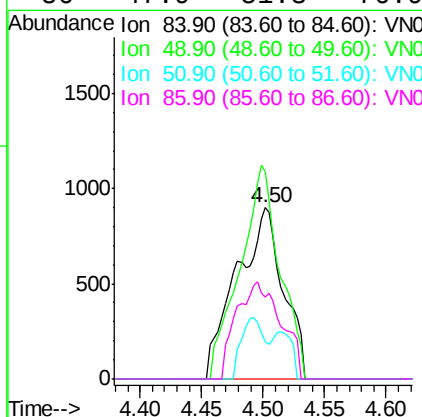
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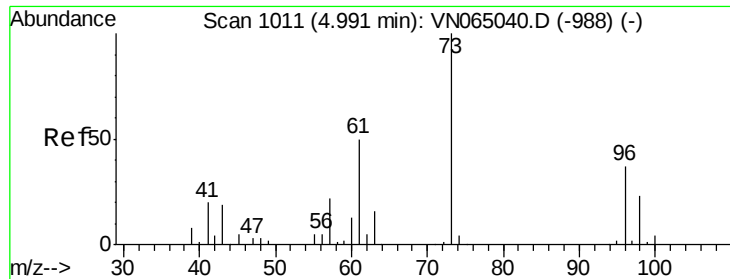
MMDadoda
12/11/2020 12:32:27 PM



#20
Methylene Chloride
Concen: 1.143 ug/l m
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 84 Resp: 2378
Ion Ratio Lower Upper
84 100
49 121.2 90.8 136.2
51 21.5 28.1 42.1#
86 47.9 51.3 76.9#





#21

trans-1,2-Dichloroethene

Concen: 1.024 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

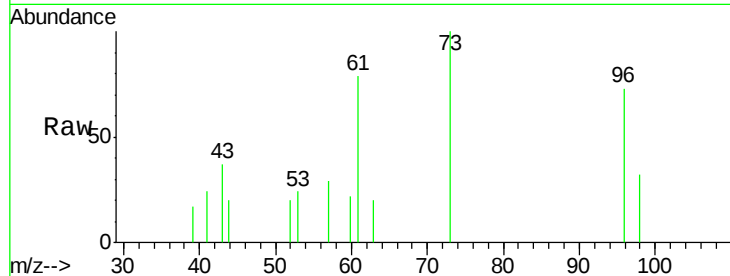
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	108.7	107.1	160.7
98	44.6	49.8	74.8#

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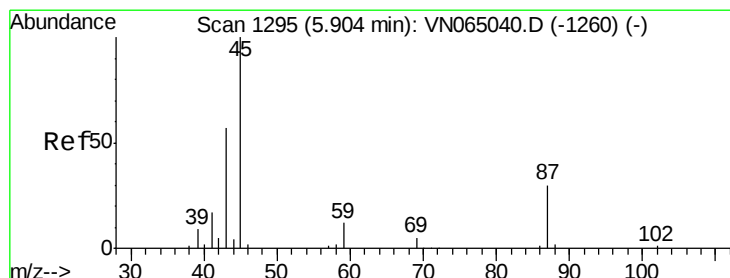
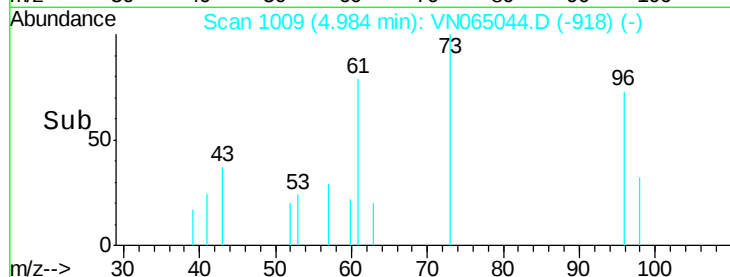
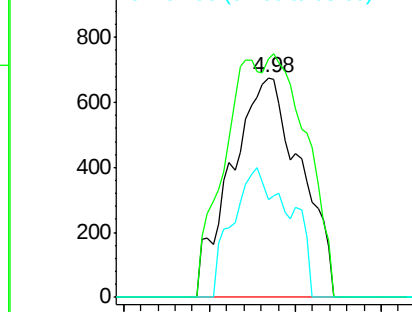


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 0.657 ug/l m

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
45	100		
43	91.2	47.9	71.9#
87	36.1	24.3	36.5
59	17.9	9.5	14.3#

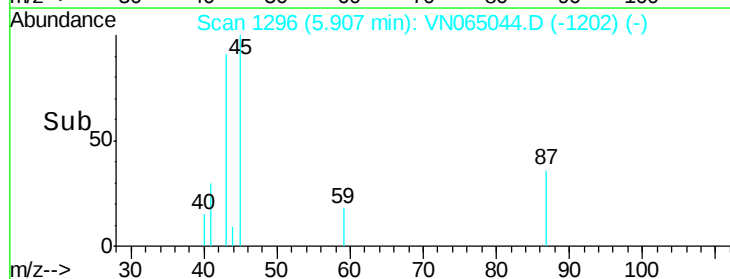
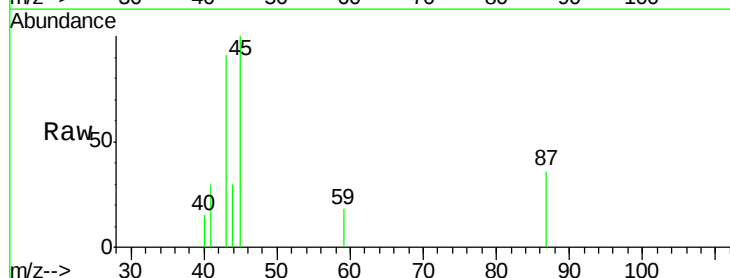
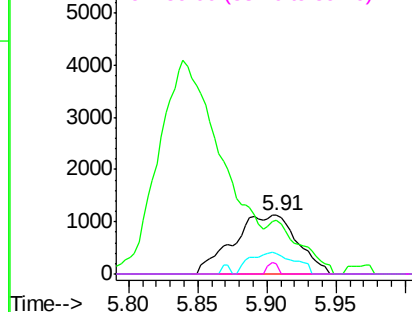
Abundance

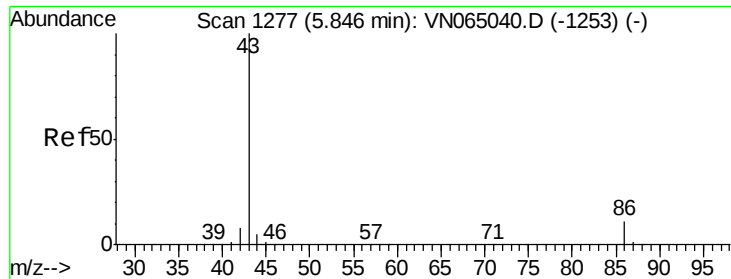
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





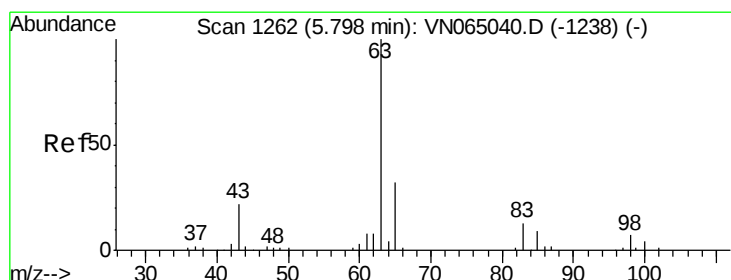
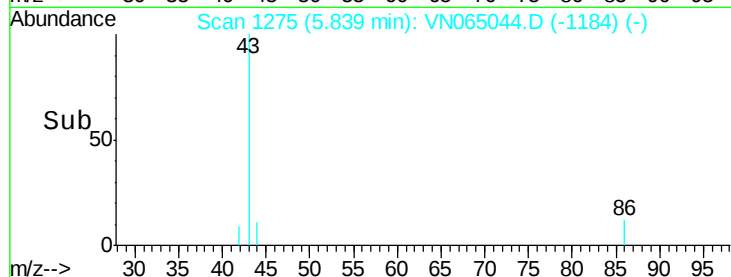
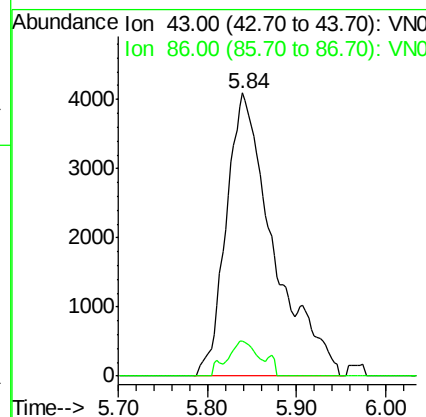
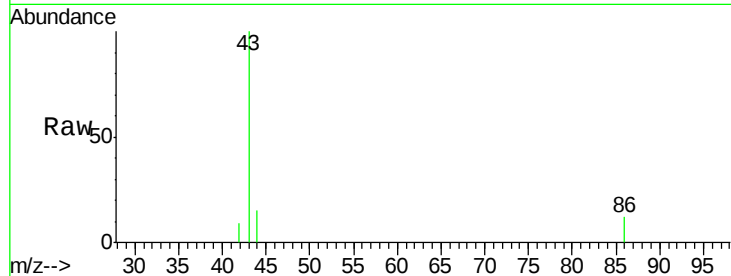
#23
 Vinyl Acetate
 Concen: 3.418 ug/l m
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	43	Resp	15068
Ion Ratio	100	Lower	Upper
43	100		
86	12.4	8.6	12.8

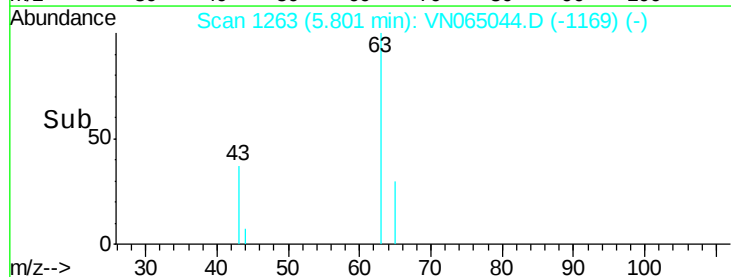
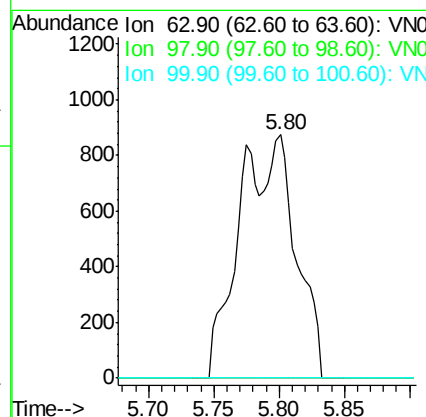
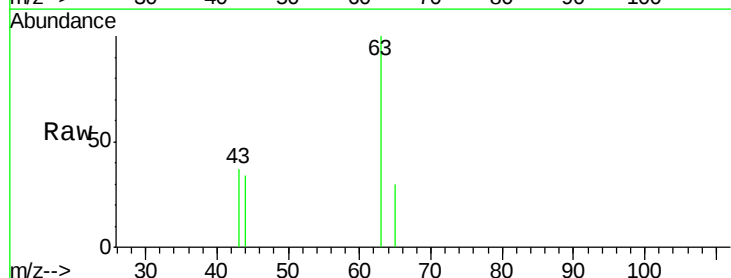
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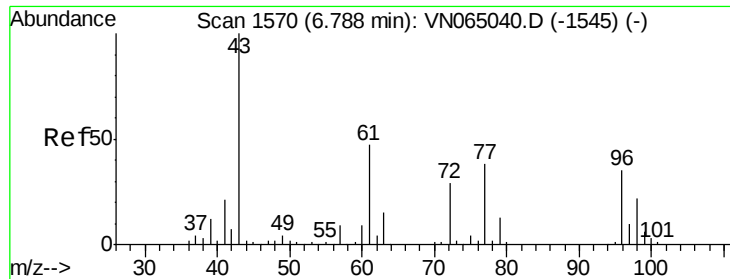
MMDadoda
 12/11/2020 12:32:27 PM



#24
 1,1-Dichloroethane
 Concen: 0.789 ug/l m
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion	63	Resp	2617
Ion Ratio	100	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	0.0	2.1	6.2#





#25

2-Butanone

Concen: 3.771 ug/l m

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 4022

Ion Ratio Lower Upper

43 100

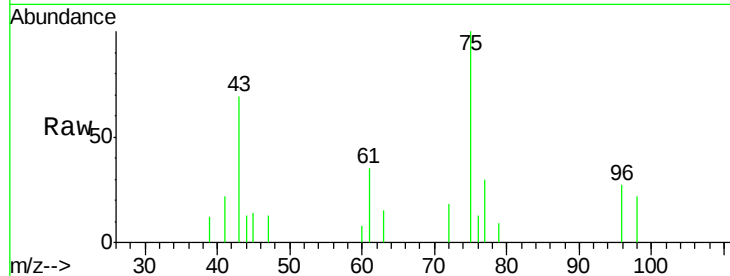
72 26.1 22.9 34.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

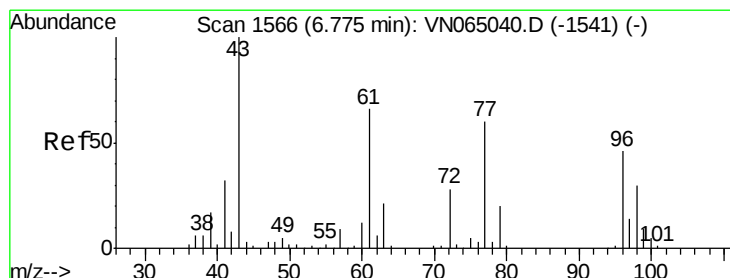
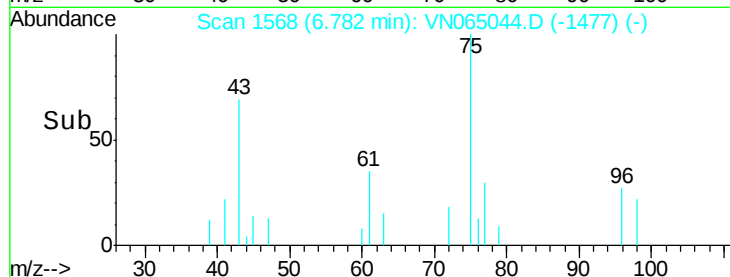
1500

1000

500

0

Time--> 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 0.842 ug/l

RT: 6.77 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN065044.D

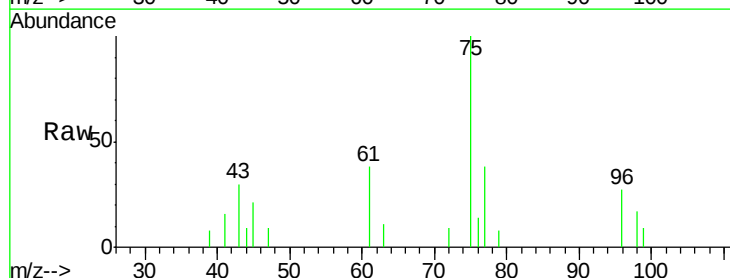
Acq: 10 Dec 2020 14:49

Tgt Ion: 77 Resp: 2421

Ion Ratio Lower Upper

77 100

97 2.5 11.7 35.1#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

1000

800

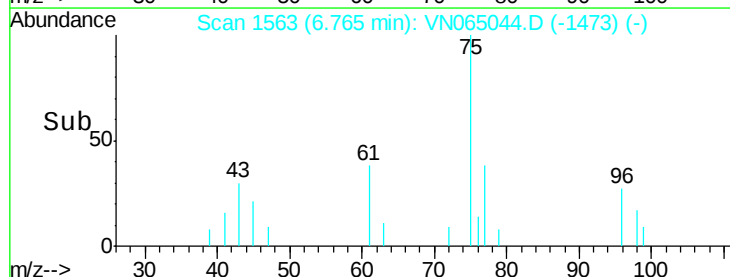
600

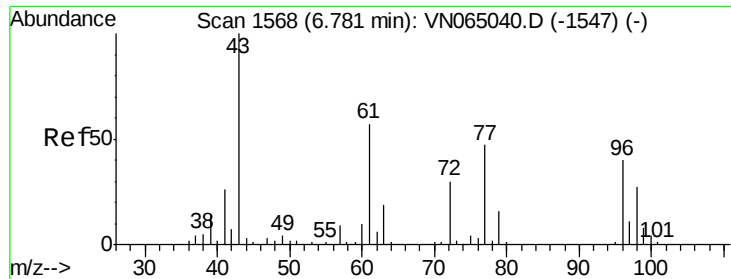
400

200

0

Time--> 6.70 6.75 6.80





#27

cis-1,2-Dichloroethene

Concen: 0.890 ug/l m

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

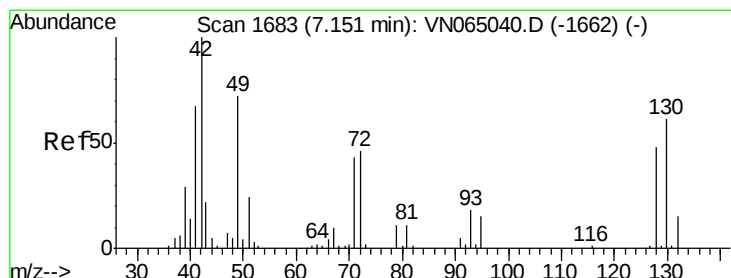
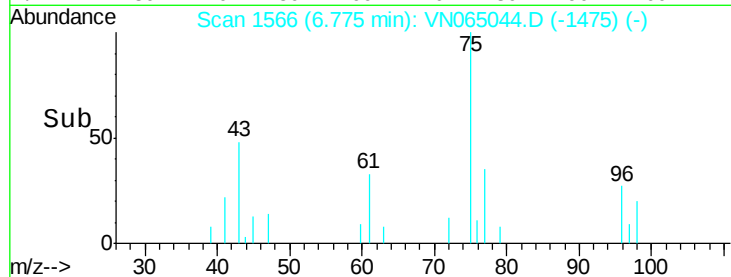
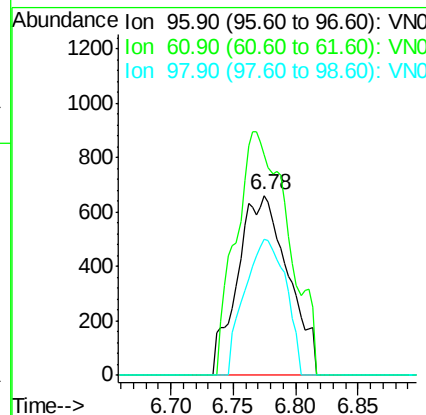
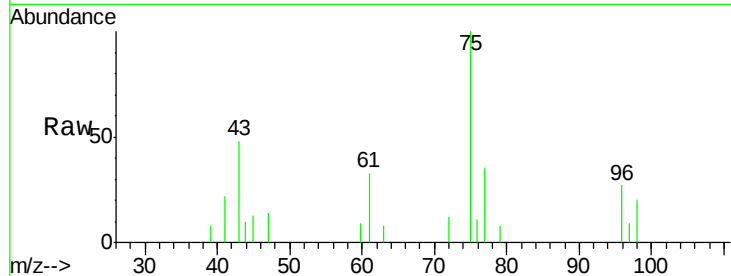
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	1867
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	283.6
98	61.4	0.0	130.8

Manual Integrations
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MMDadoda
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#28

Bromochloromethane

Concen: 1.002 ug/l

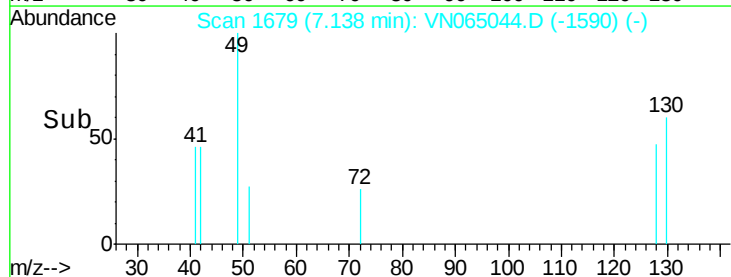
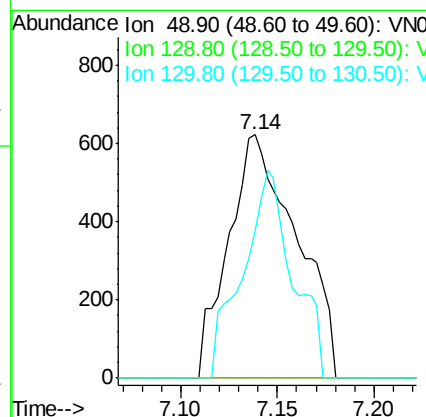
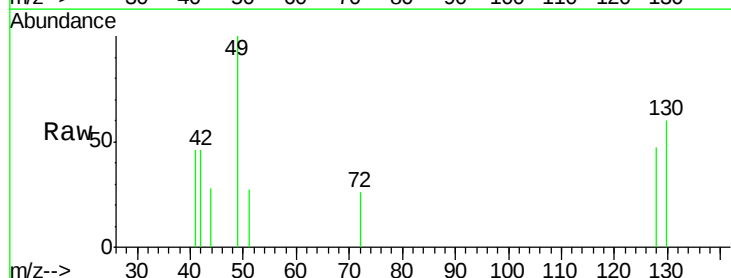
RT: 7.14 min Scan# 1679

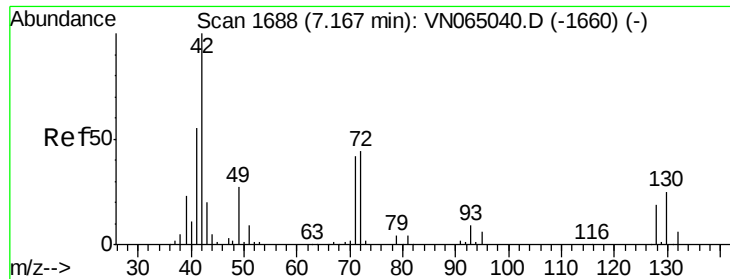
Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion:	49	Resp:	1522
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	63.2	67.9	101.9#





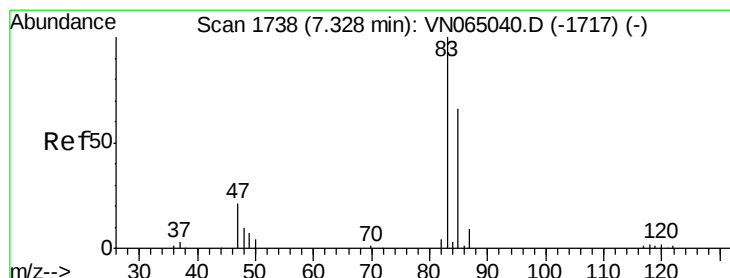
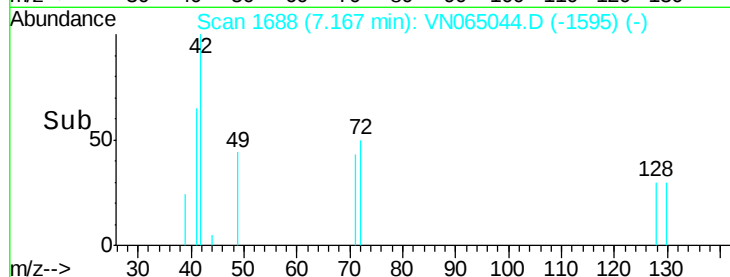
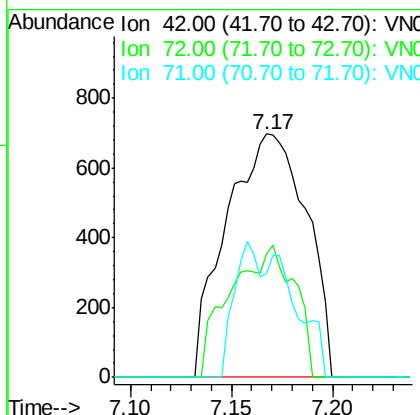
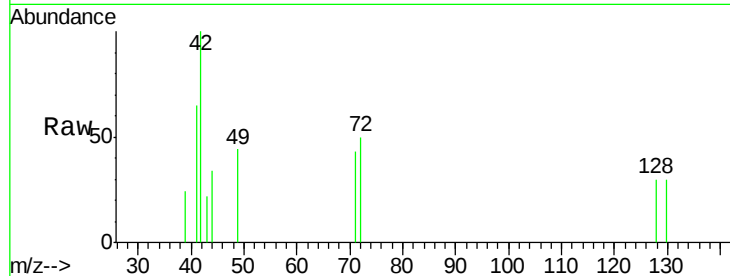
#29
Tetrahydrofuran
Concen: 2.624 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.8	53.6
71	18.0	33.5	50.3

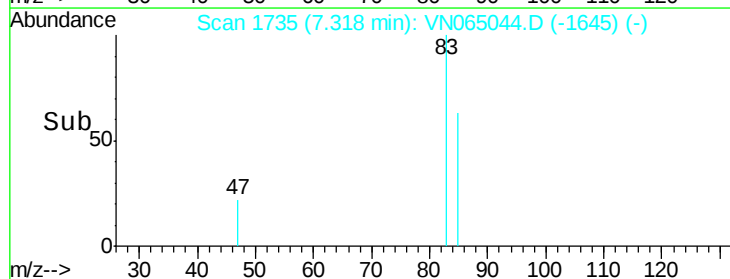
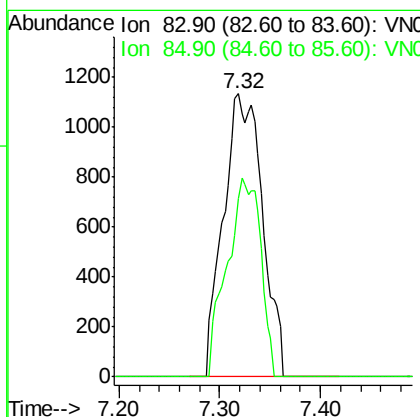
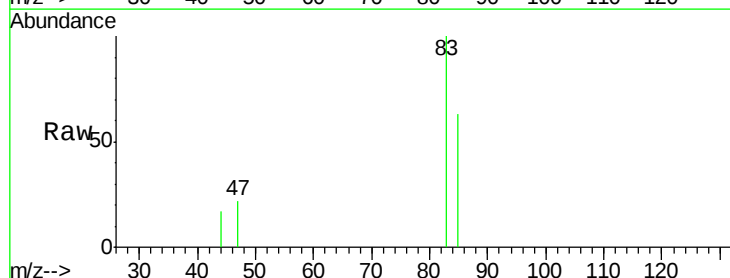
Manual Integrations
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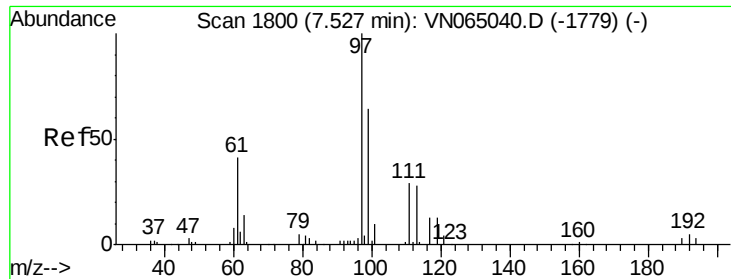
MMDadoda
12/11/2020 12:32:27 PM



#30
Chloroform
Concen: 0.882 ug/l m
RT: 7.32 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.6	78.8





#32

1,1,1-Trichloroethane

Concen: 0.829 ug/l

RT: 7.52 min Scan# 1798

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 2438

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

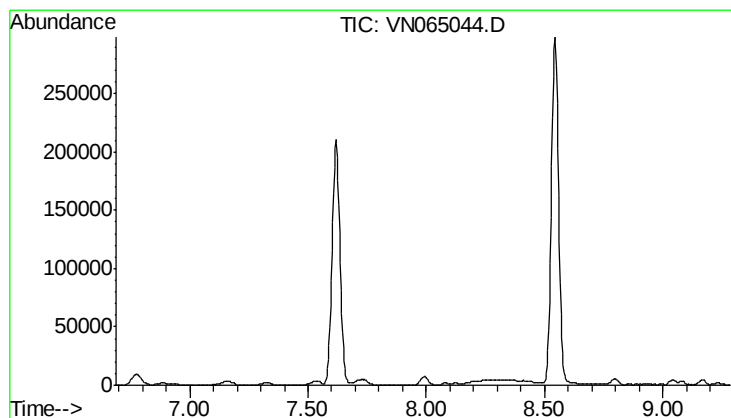
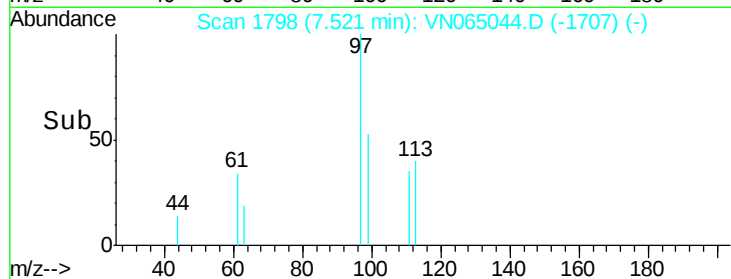
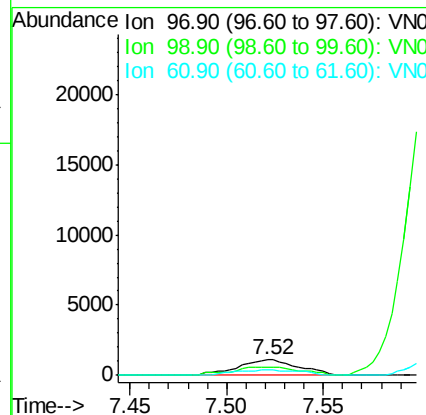
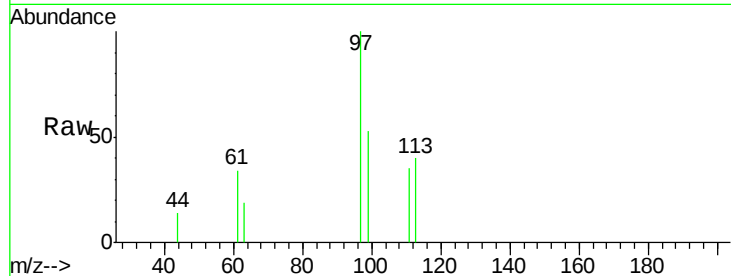
61 38.4 33.5 50.3

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN065044.D

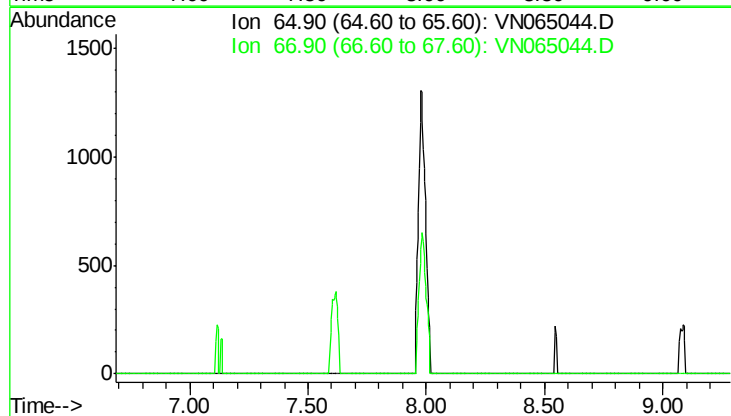
Acq: 10 Dec 2020 14:49

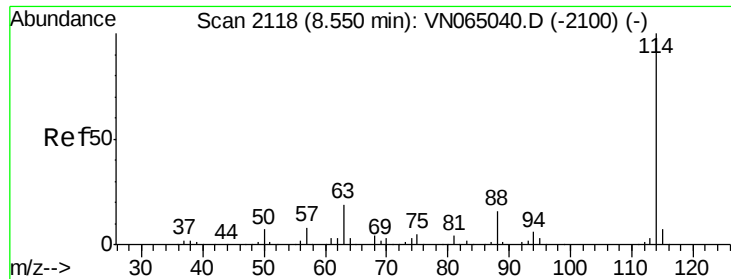
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.2





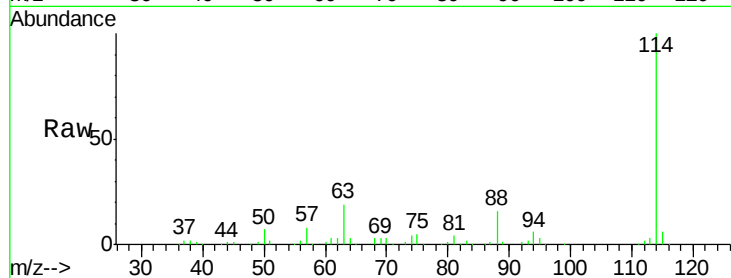
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.7	0.0	38.2
88	15.8	0.0	31.6

Manual Integrations
 APPROVED

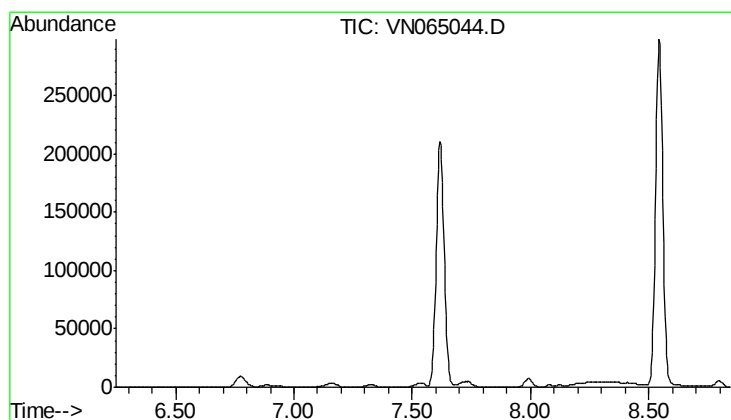
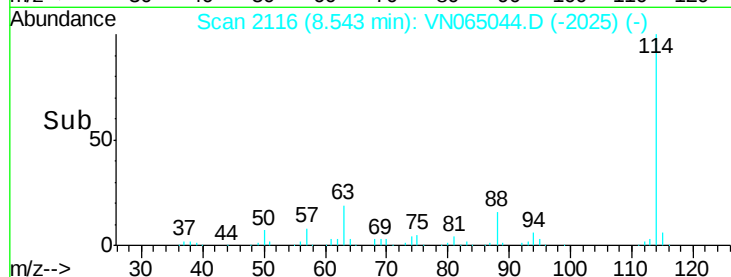
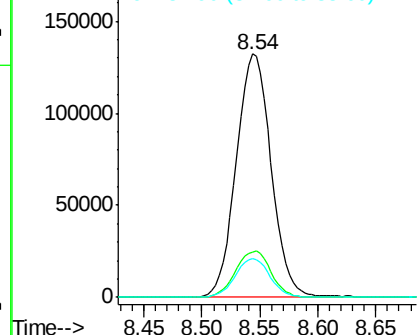
MMDadoda
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

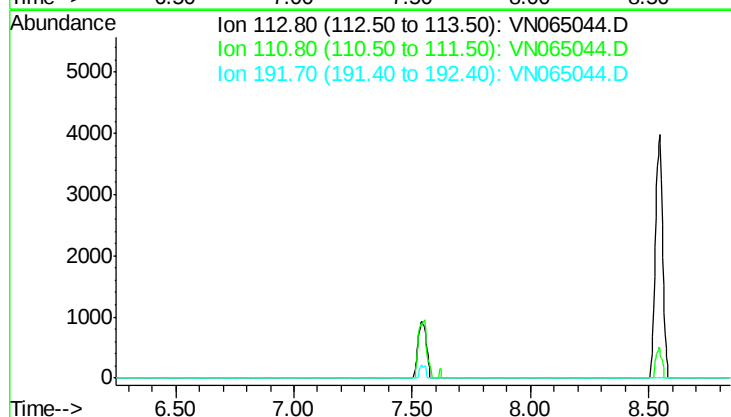
Ion 87.90 (87.60 to 88.60): VN

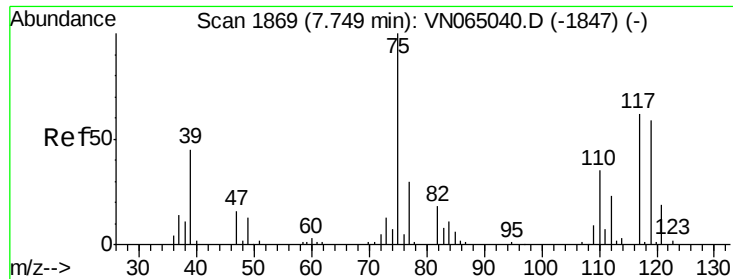


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min

Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion	Exp Ratio
113	100
111	104.2
192	20.2





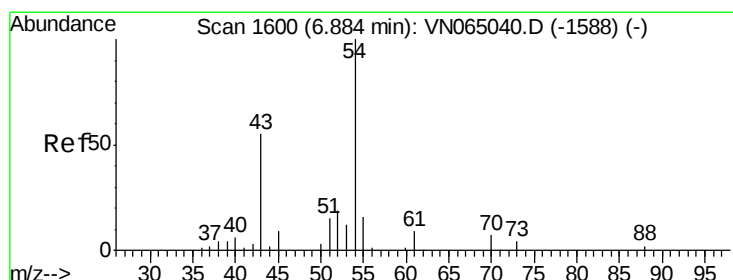
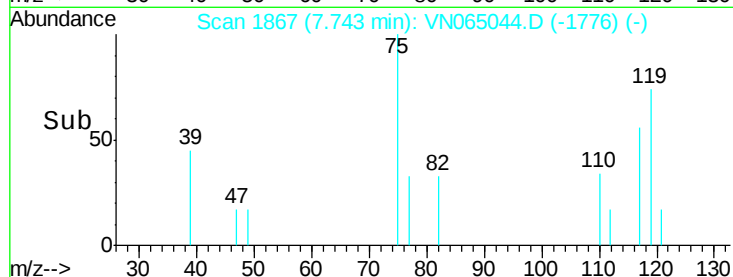
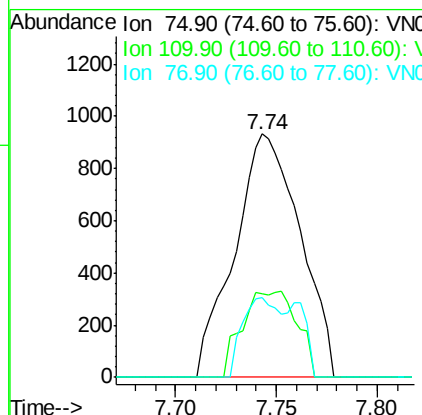
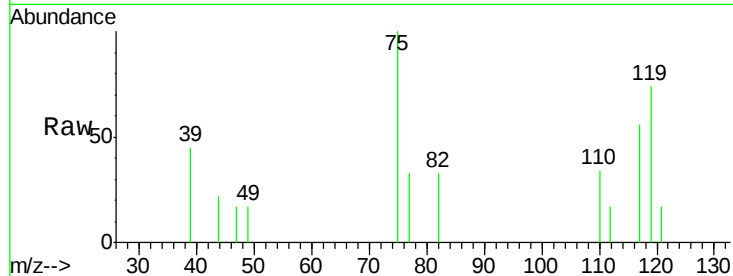
#36
 1,1-Dichloropropene
 Concen: 0.826 ug/l
 RT: 7.74 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	29.8	18.1	54.1
77	18.6	24.5	36.7#

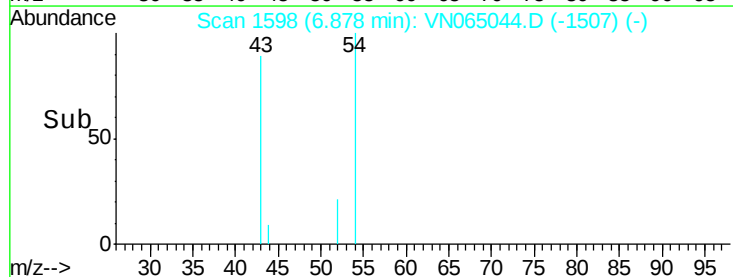
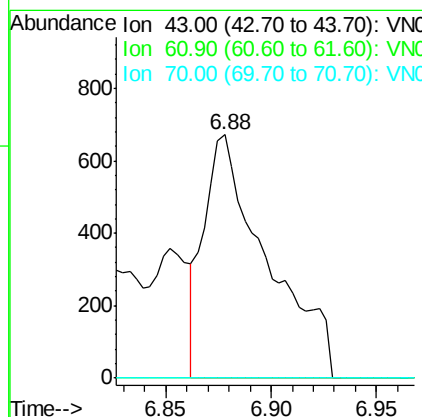
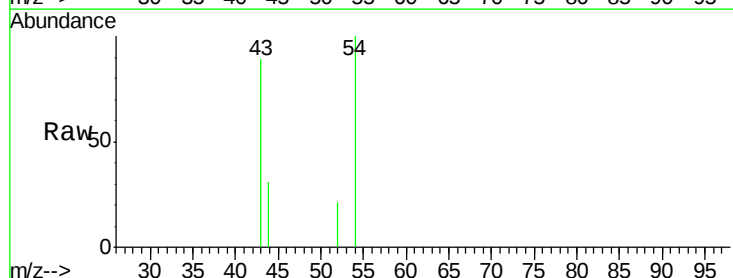
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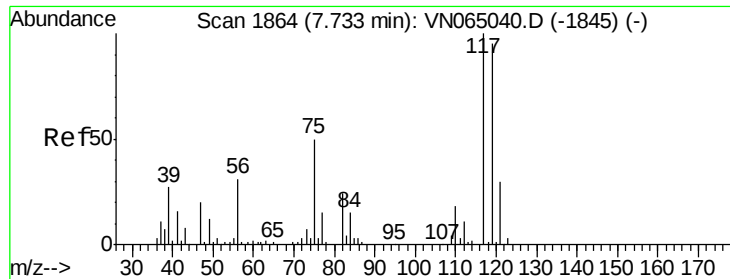
MMDadoda
 12/11/2020 12:32:27 PM



#37
 Ethyl Acetate
 Concen: 0.576 ug/l
 RT: 6.88 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

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





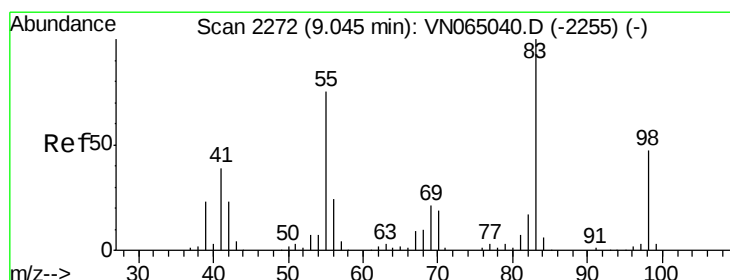
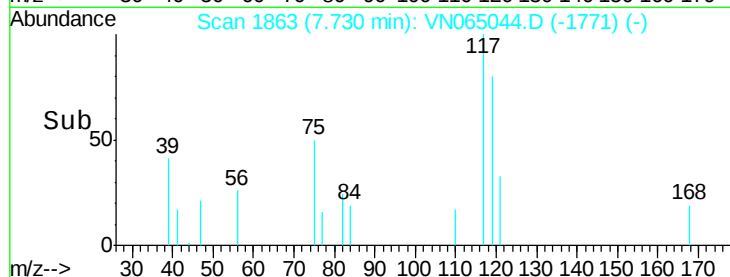
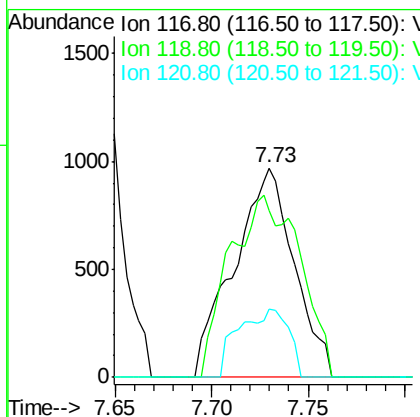
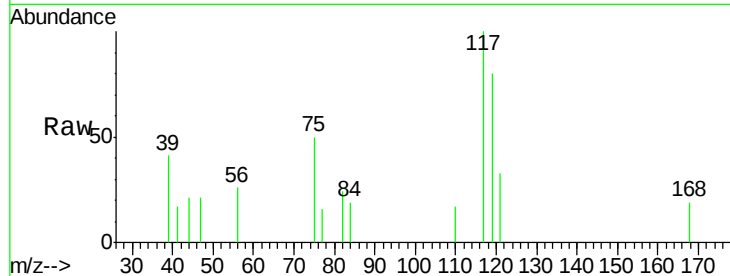
#38
Carbon Tetrachloride
Concen: 0.791 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	79.8	75.9	113.9
121	32.7	24.1	36.1

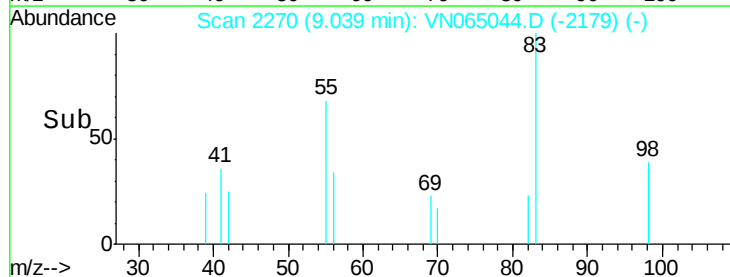
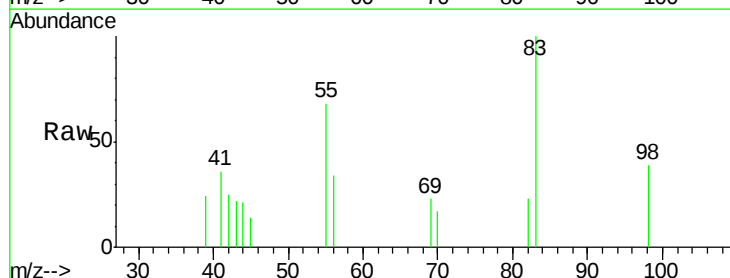
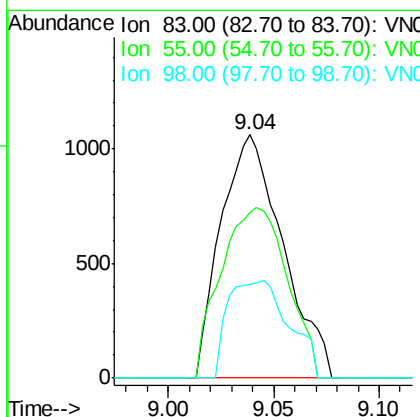
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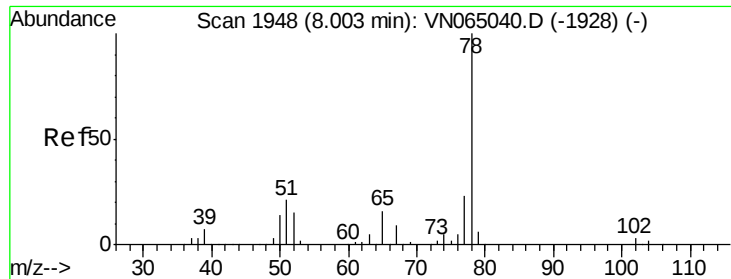
MMDadoda
12/11/2020 12:32:27 PM



#39
Methylcyclohexane
Concen: 0.802 ug/l
RT: 9.04 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.0	60.3	90.5
98	38.7	37.4	56.0





#40

Benzene

Concen: 0.757 ug/l

RT: 7.99 min Scan# 1945

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 5908

Ion Ratio Lower Upper

78 100

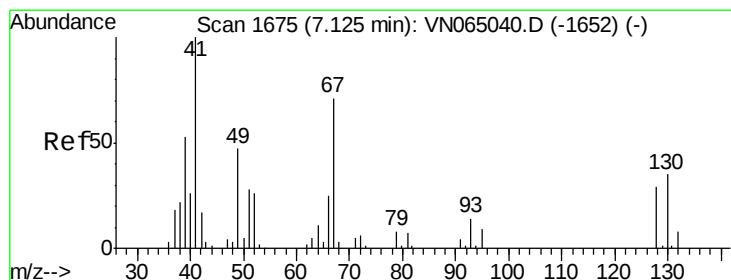
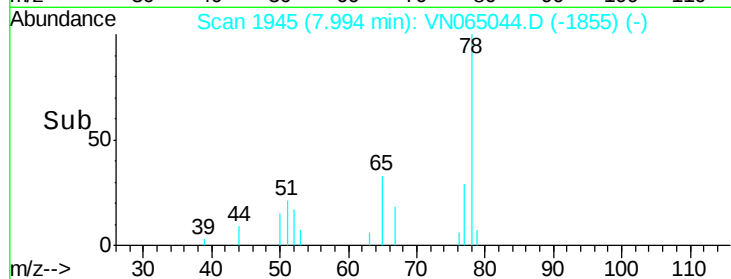
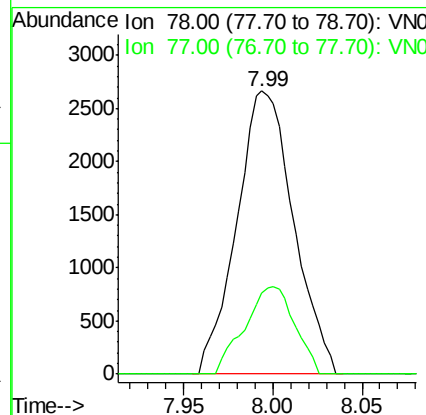
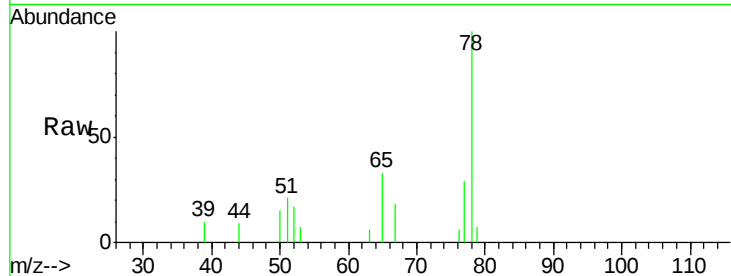
77 28.6 18.7 28.1#

Manual Integrations

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#41

Methacrylonitrile

Concen: 0.812 ug/l m

RT: 7.13 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion: 41 Resp: 945

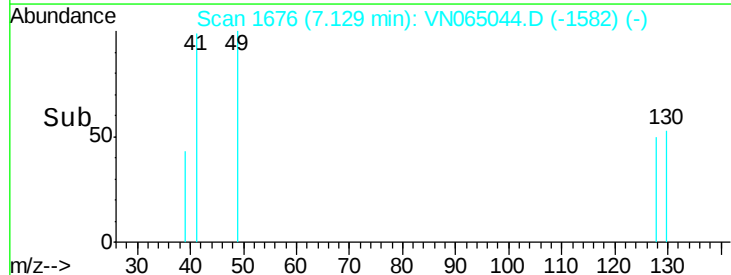
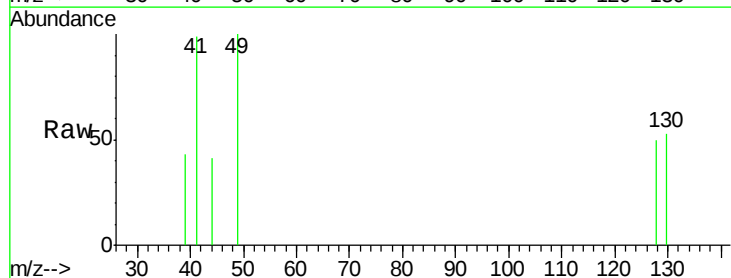
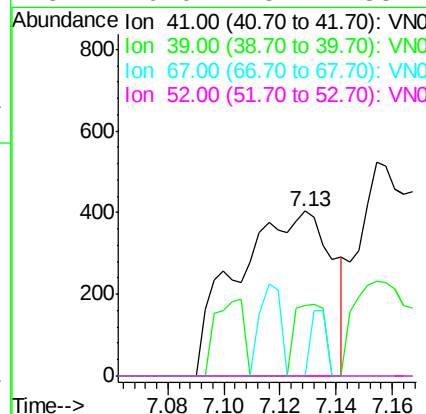
Ion Ratio Lower Upper

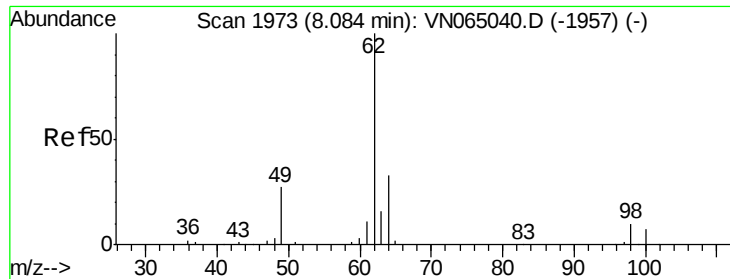
41 100

39 0.0 36.0 54.0#

67 12.0 64.8 97.2#

52 0.0 25.4 38.2#





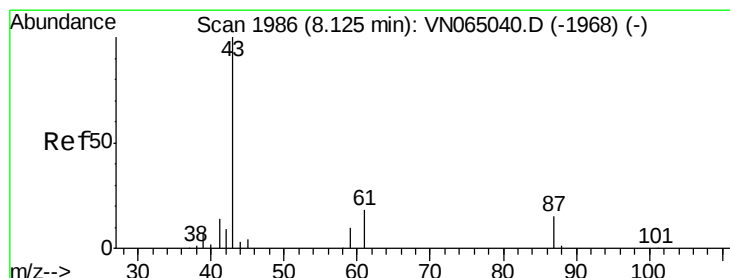
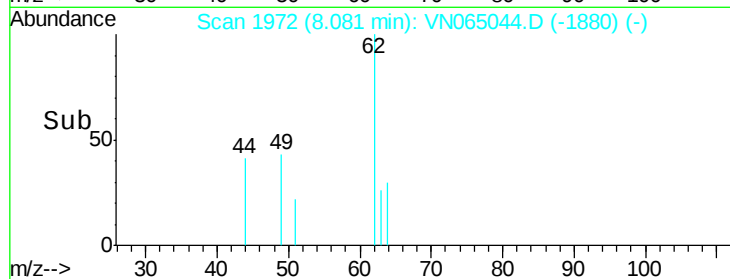
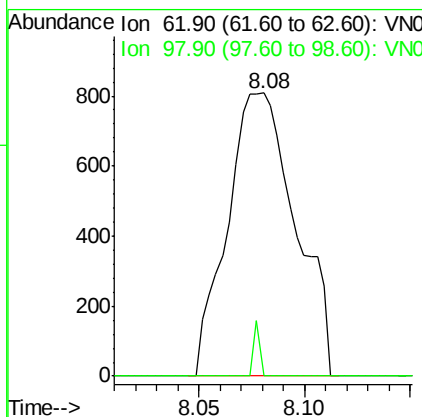
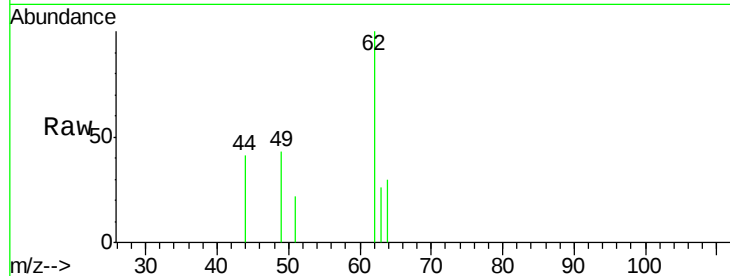
#42
 1,2-Dichloroethane
 Concen: 0.691 ug/l
 RT: 8.08 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	1.7	0.0	19.8

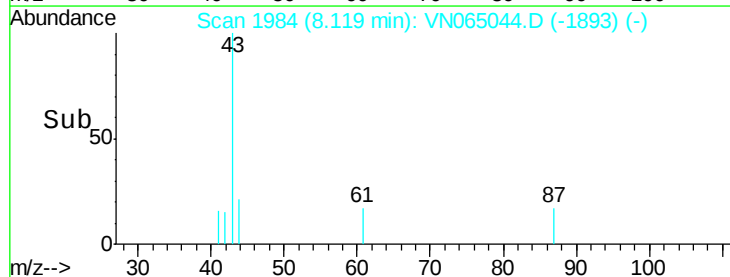
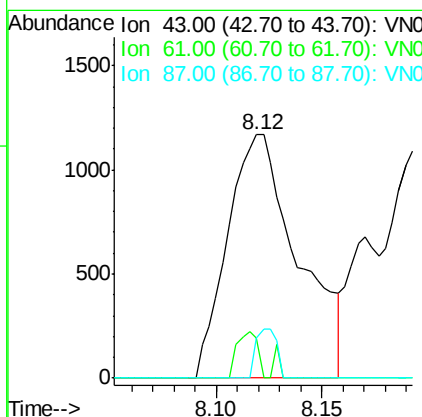
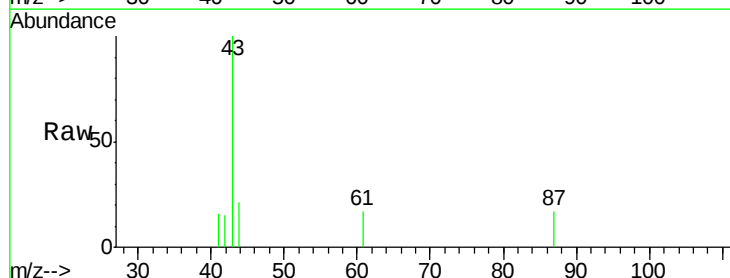
Manual Integrations
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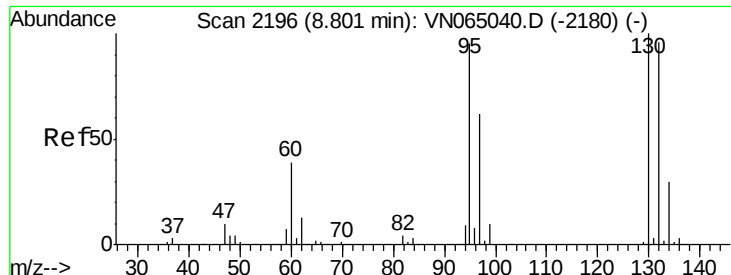
MMDadoda
 12/11/2020 12:32:27 PM



#43
 Isopropyl Acetate
 Concen: 0.694 ug/l
 RT: 8.12 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	5.5	16.9	25.3#
87	6.0	11.4	17.2#





#44

Trichloroethene

Concen: 0.809 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 1855

Ion Ratio Lower Upper

130 100

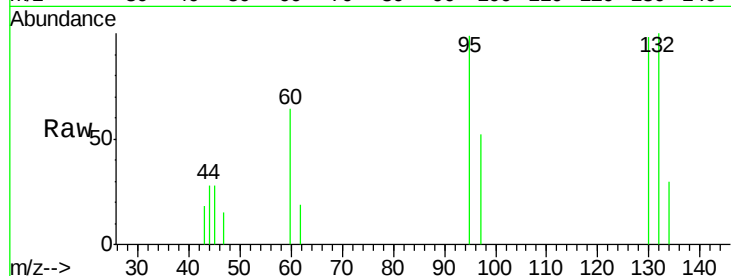
95 101.7 0.0 190.2

Manual Integrations

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12/11/2020 12:32:27 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.79

1000

800

600

400

200

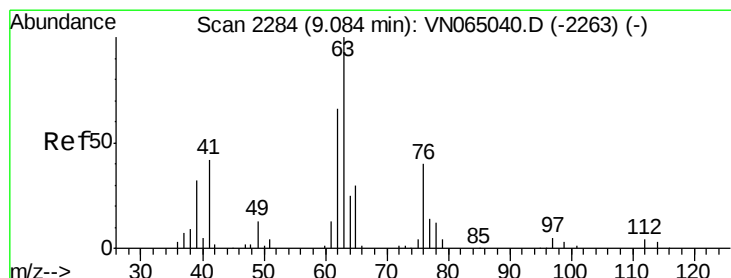
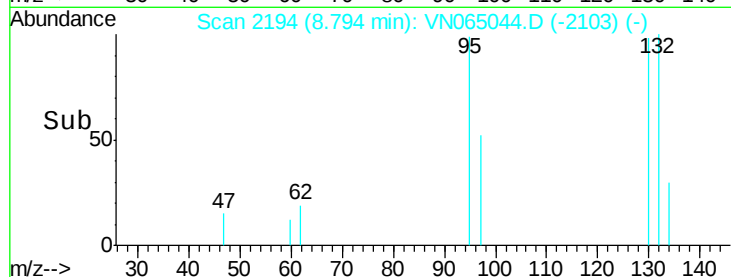
0

8.75

8.80

8.85

Time-->



#45

1,2-Dichloropropane

Concen: 0.694 ug/l

RT: 9.07 min Scan# 2281

Delta R.T. -0.01 min

Lab File: VN065044.D

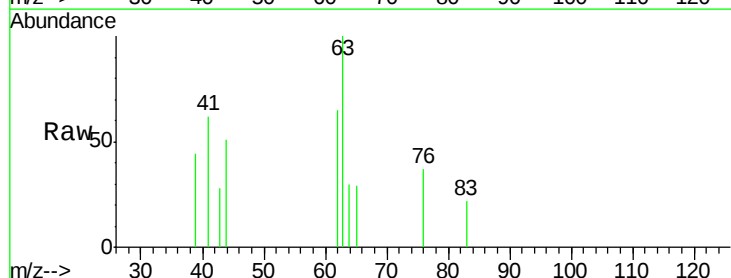
Acq: 10 Dec 2020 14:49

Tgt Ion: 63 Resp: 1415

Ion Ratio Lower Upper

63 100

65 29.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

9.07

800

600

400

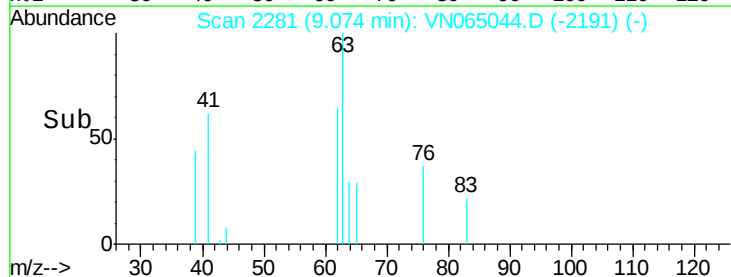
200

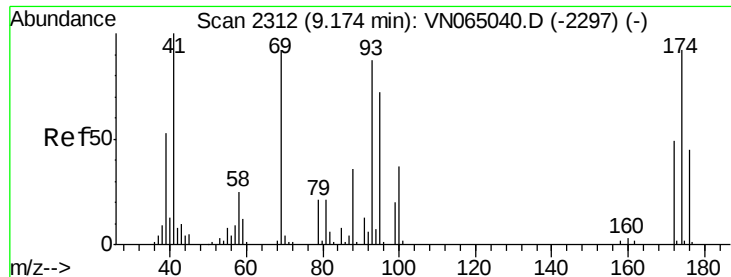
0

9.05

9.10

Time-->





#46

Dibromomethane

Concen: 0.700 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

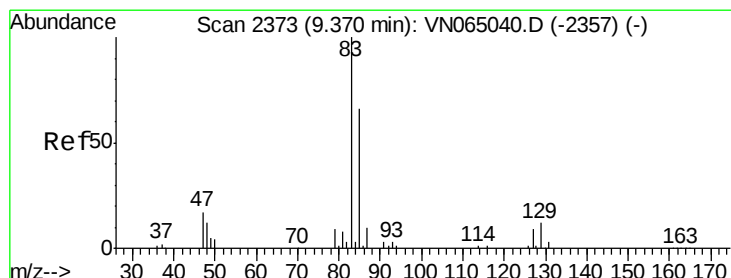
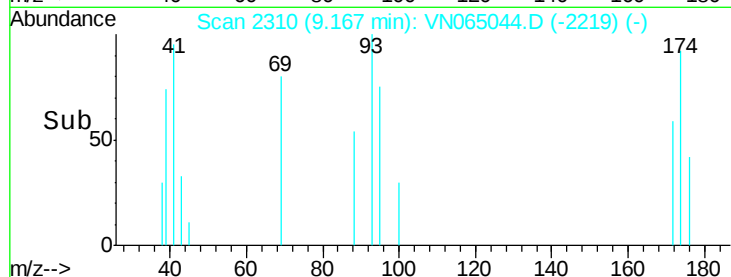
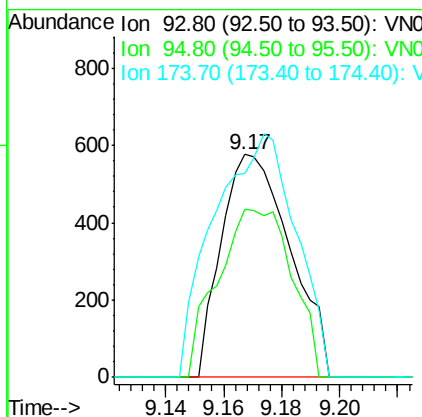
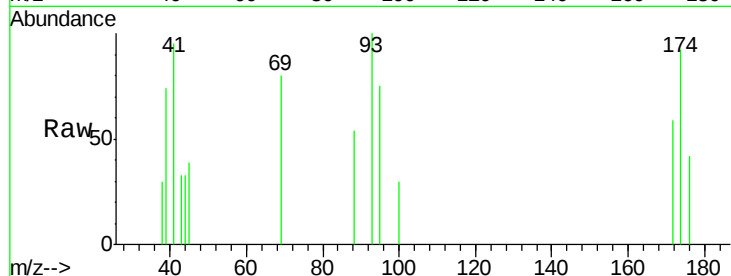
ClientSampled :

VSTDIC001

Tot Ion:	93	Resp:	950
Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.7	98.5
174	129.3	83.0	124.4#

Manual Integrations
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12/11/2020 12:32:27 PM



#47

Bromodichloromethane

Concen: 0.787 ug/l

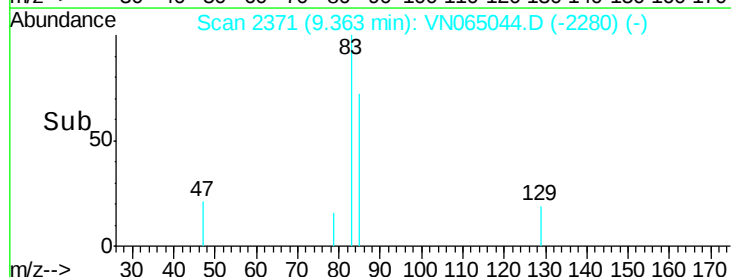
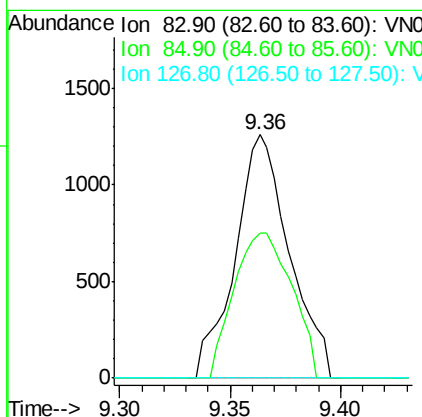
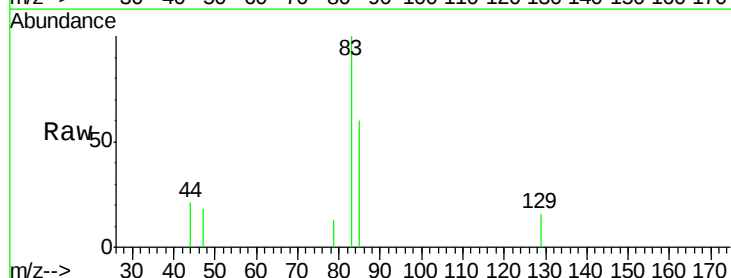
RT: 9.36 min Scan# 2371

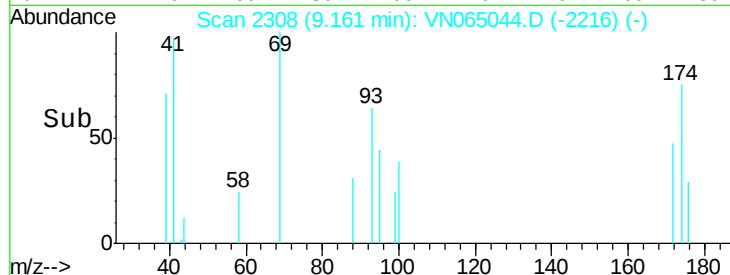
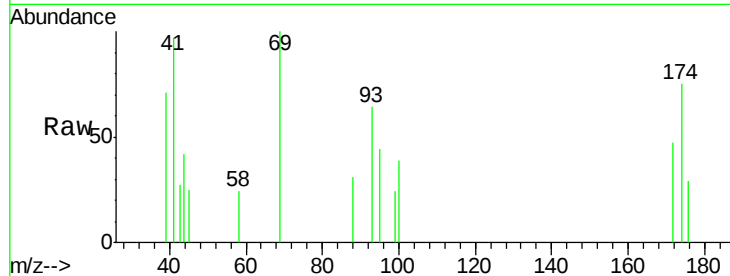
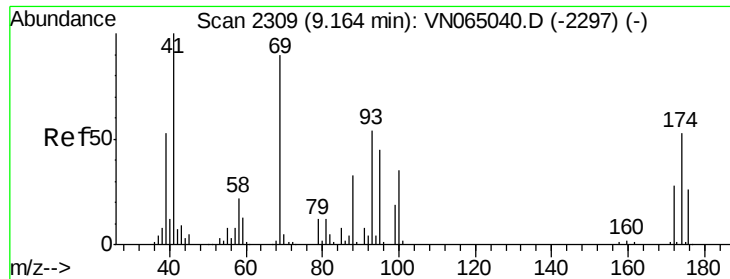
Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion:	83	Resp:	2149
Ion	Ratio	Lower	Upper
83	100		
85	59.6	52.5	78.7
127	0.0	7.1	10.7#





#48

Methyl methacrylate

Concen: 0.666 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tot Ion:	41	Resp:	1244
Ion	Ratio	Lower	Upper
41	100		
69	80.1	72.1	108.1
39	56.1	43.8	65.6

Instrument :

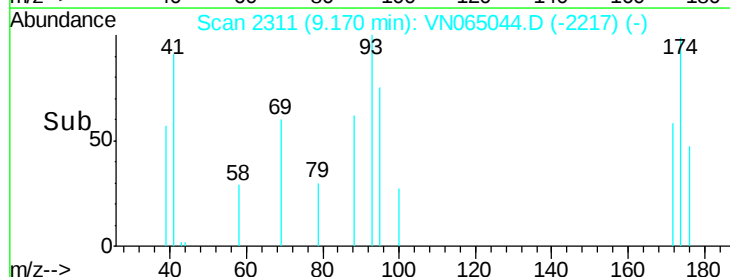
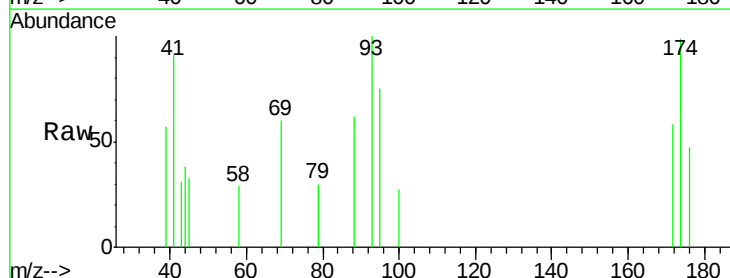
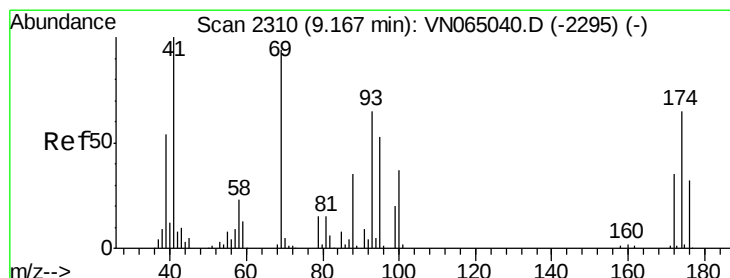
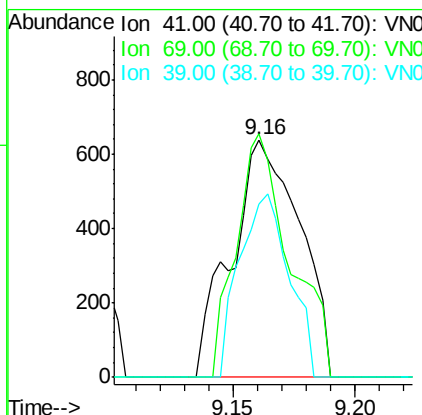
MSVOA_N

ClientSampleId :

VSTDIC001

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#49

1,4-Dioxane

Concen: 10.357 ug/l

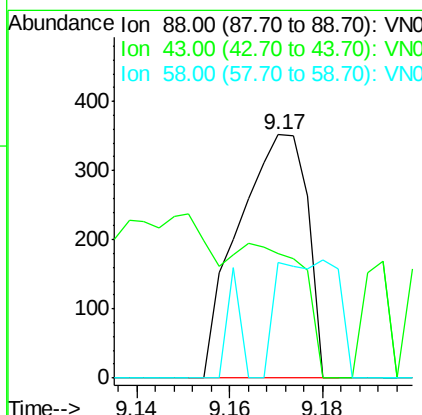
RT: 9.17 min Scan# 2311

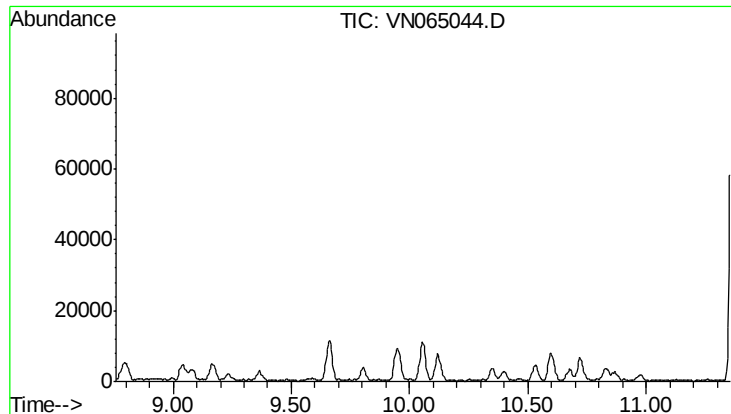
Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion:	88	Resp:	365
Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.1	31.7#
58	43.0	53.8	80.8#





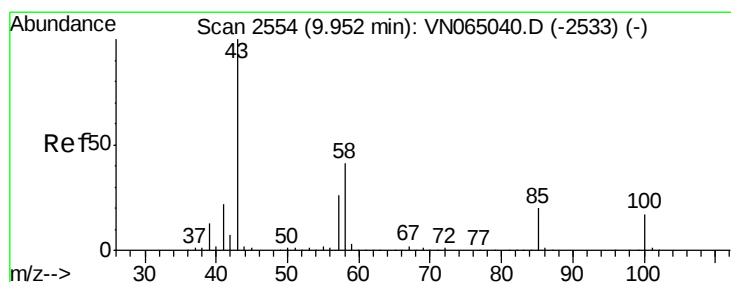
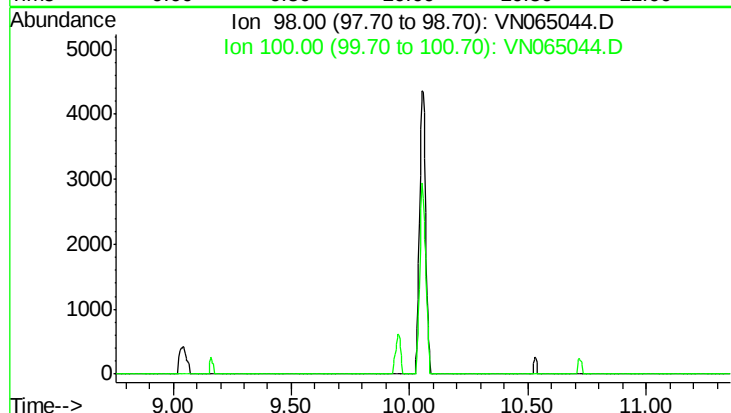
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.5

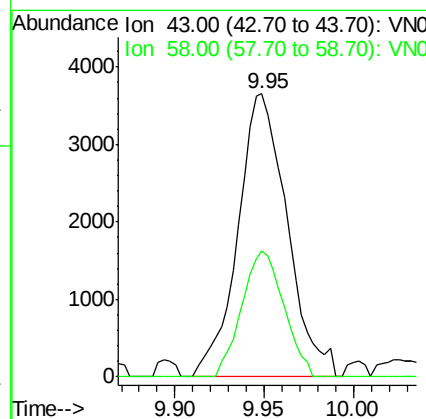
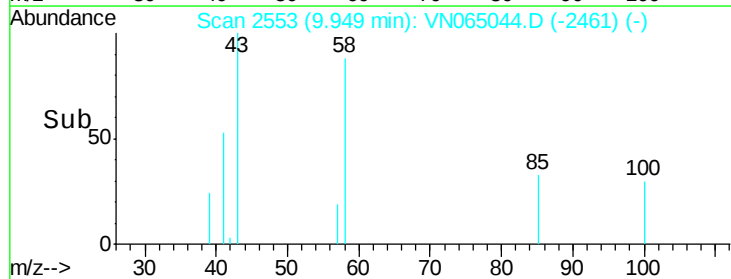
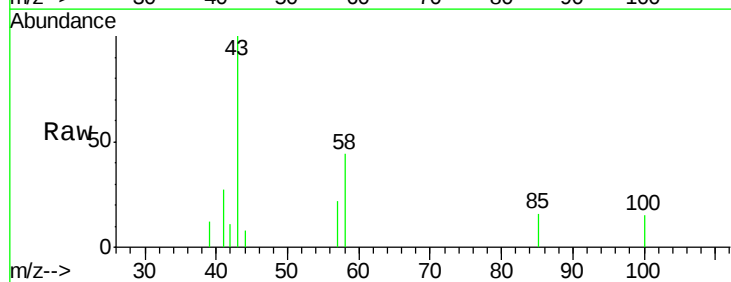
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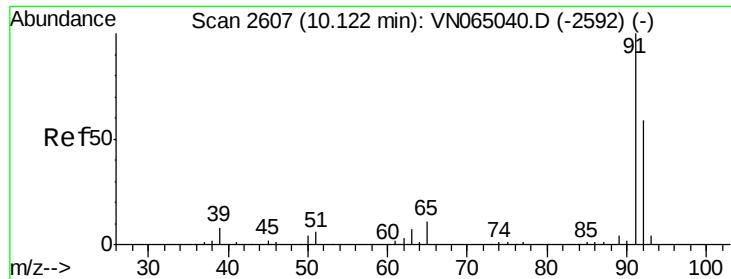
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 3.012 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 43 Resp: 7066
Ion Ratio Lower Upper
43 100
58 37.8 32.4 48.6





#52

Toluene

Concen: 0.765 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 3687

Ion Ratio Lower Upper

92 100

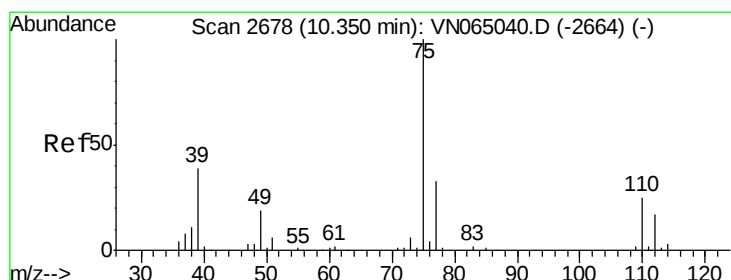
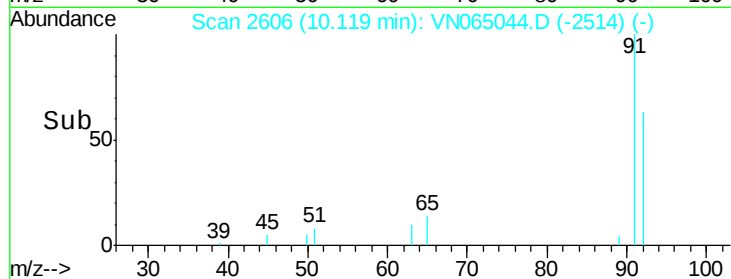
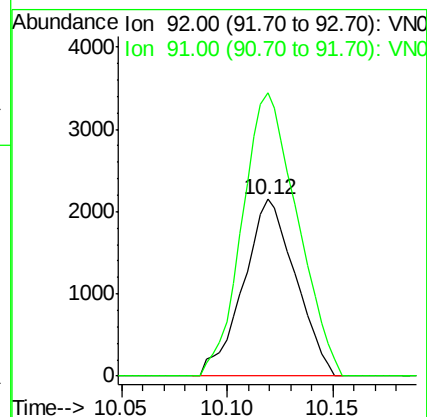
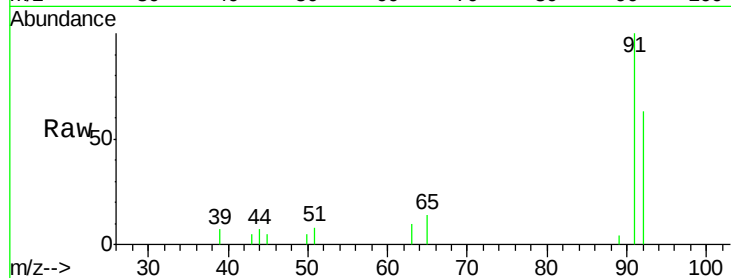
91 169.4 137.9 206.9

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.664 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN065044.D

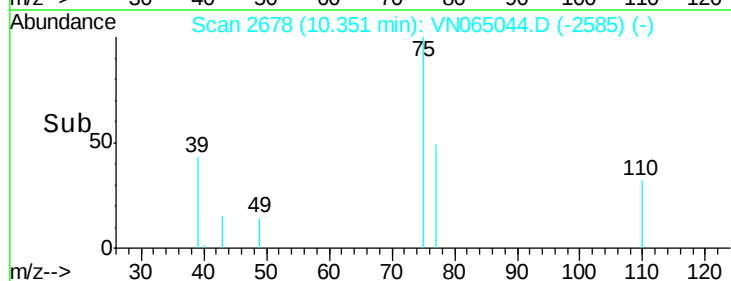
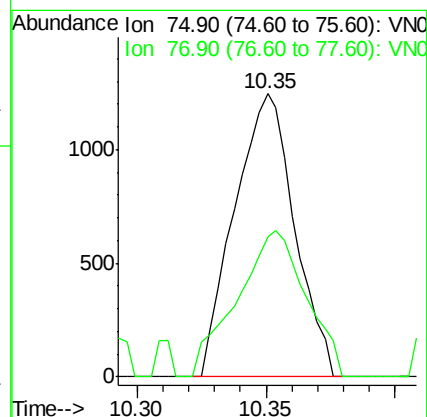
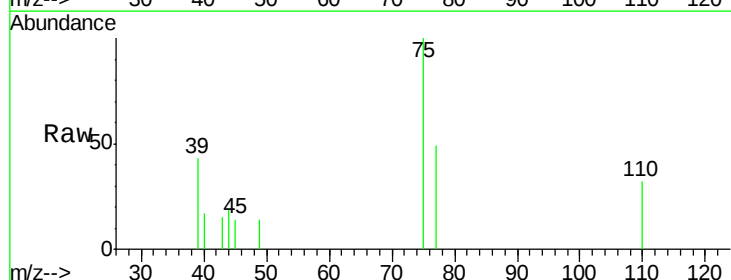
Acq: 10 Dec 2020 14:49

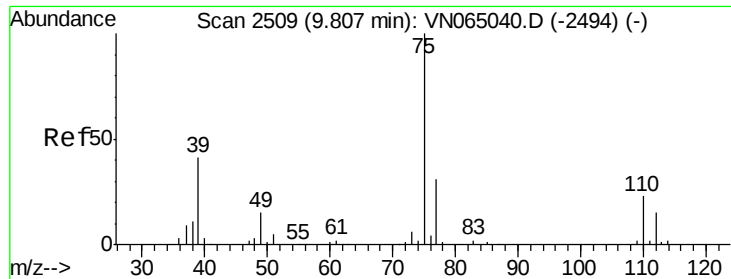
Tgt Ion: 75 Resp: 2010

Ion Ratio Lower Upper

75 100

77 49.4 26.0 39.0#





#54

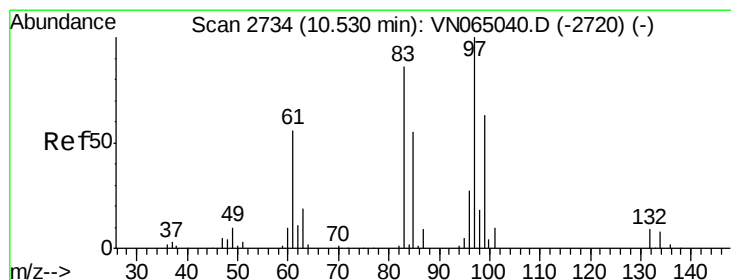
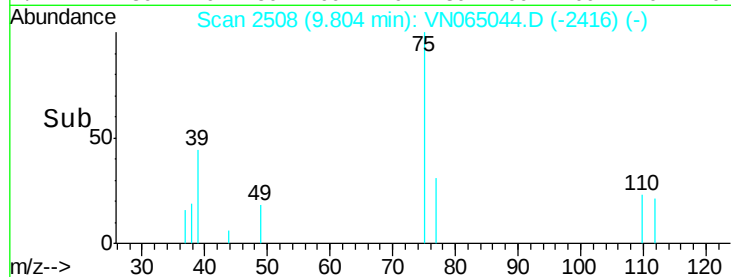
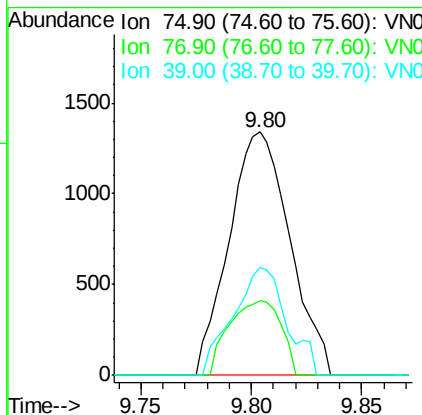
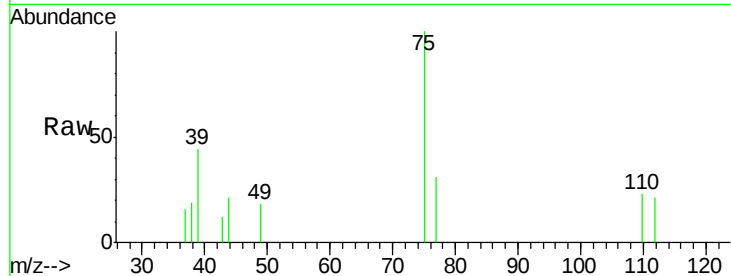
cis-1,3-Dichloropropene
Concen: 0.787 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.8	37.2
39	44.1	33.0	49.4

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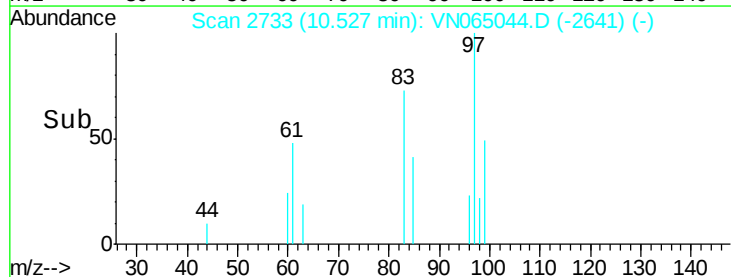
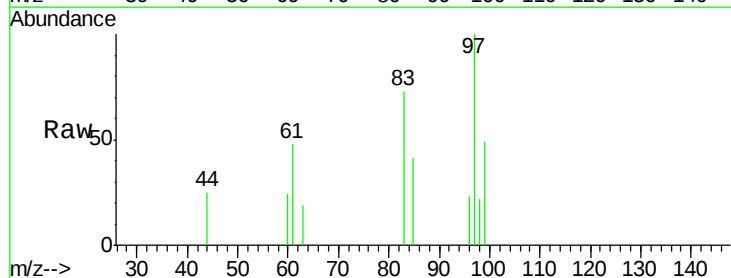
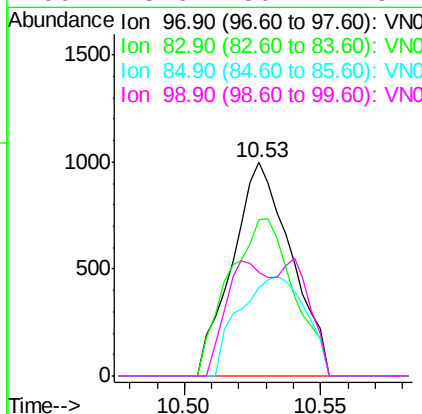
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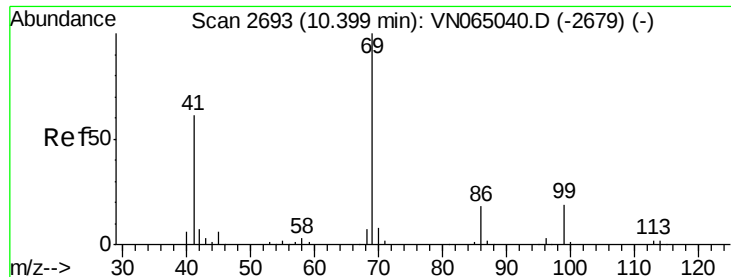


#55

1,1,2-Trichloroethane
Concen: 0.751 ug/l
RT: 10.53 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	73.1	69.0	103.6
85	41.1	43.6	65.4#
99	48.6	50.1	75.1#





#56

Ethyl methacrylate

Concen: 0.548 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

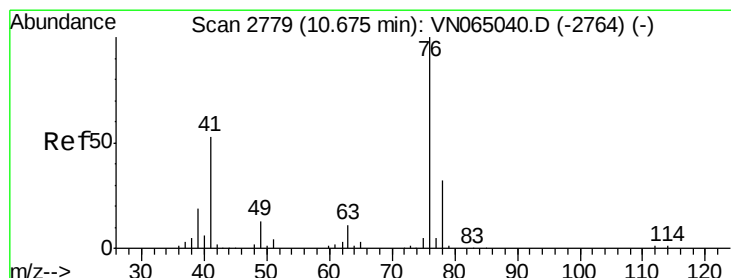
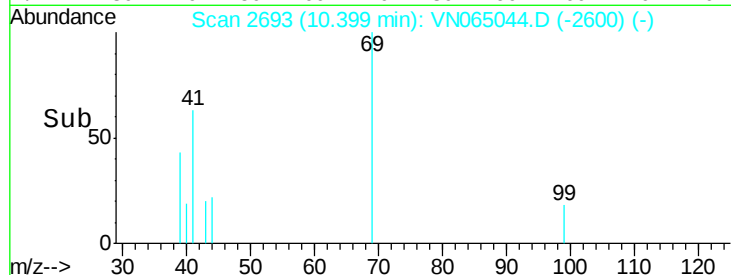
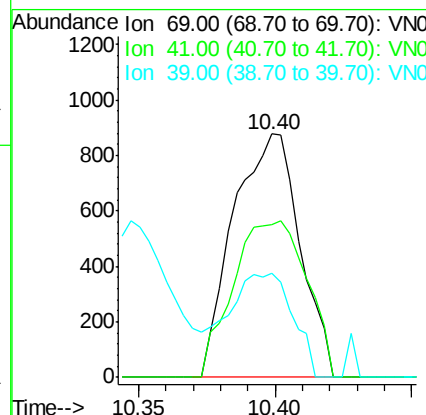
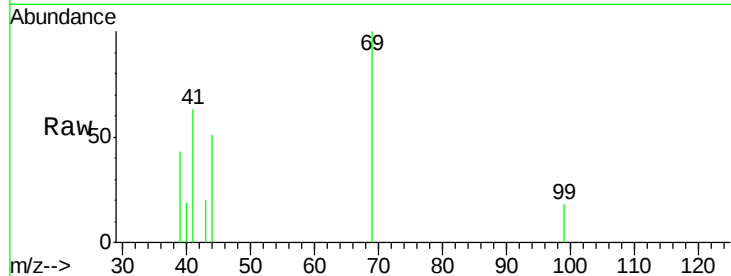
ClientSampleId :

VSTDIC001

Tot Ion:	69.00	Resp:	1482
Ion Ratio	Lower	Upper	
69	100		
41	71.1	48.2	72.2
39	39.9	24.7	37.1#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.689 ug/l

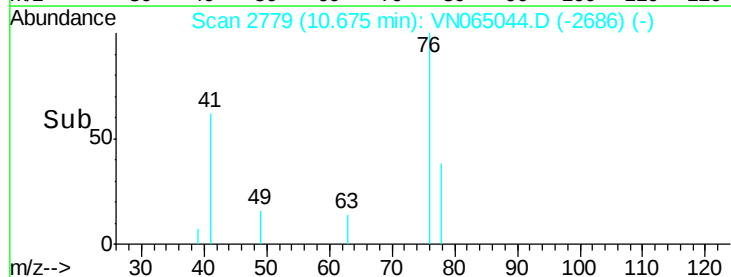
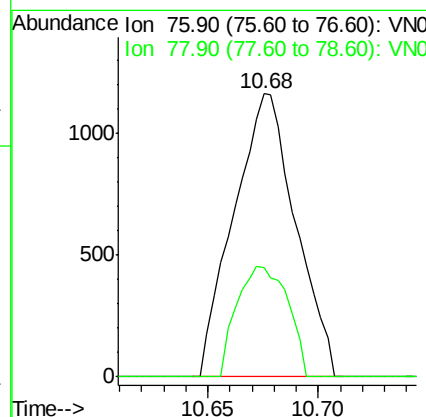
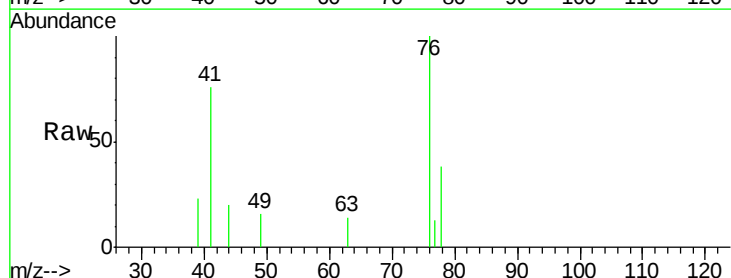
RT: 10.68 min Scan# 2779

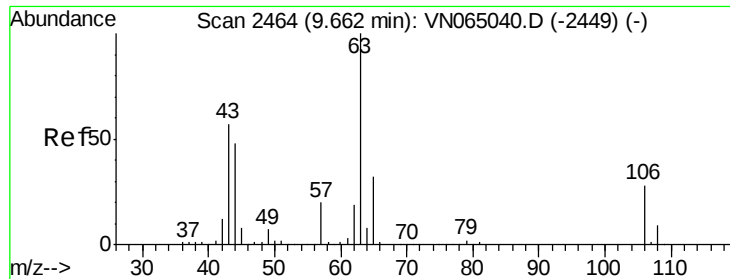
Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion:	76	Resp:	2254
Ion Ratio	Lower	Upper	
76	100		
78	31.9	26.5	39.7





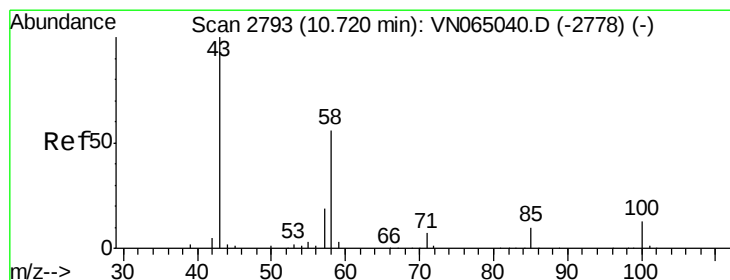
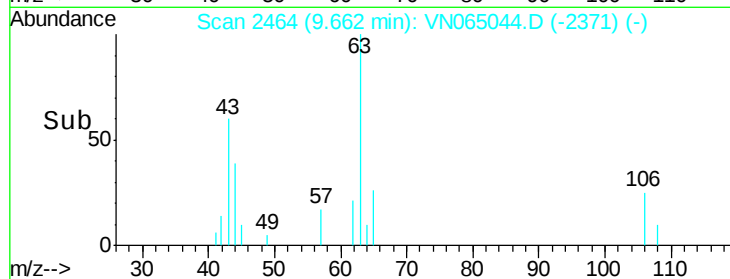
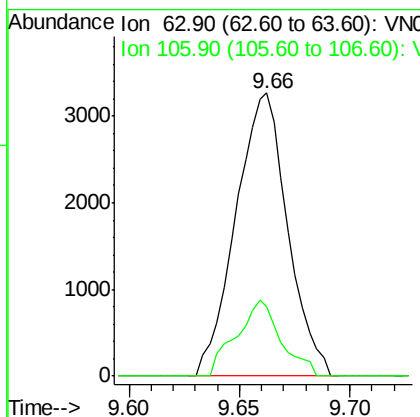
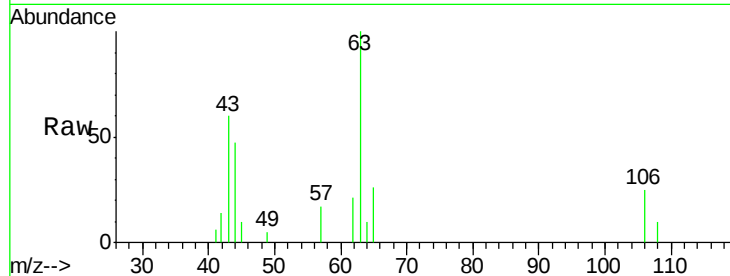
#58
2-Chloroethyl Vinyl ether
Concen: 3.577 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 5334
Ion Ratio Lower Upper
63 100
106 23.0 22.6 33.8

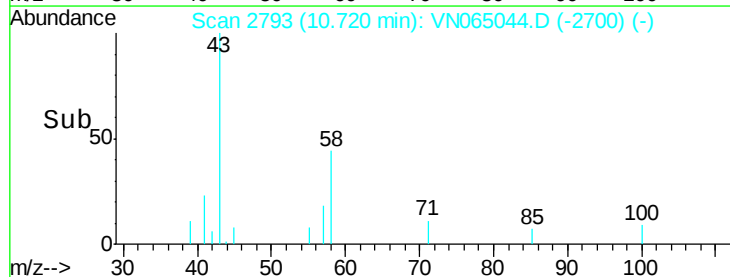
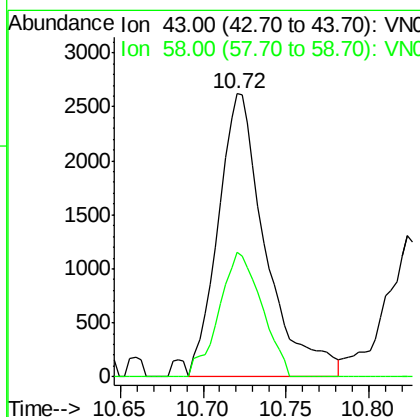
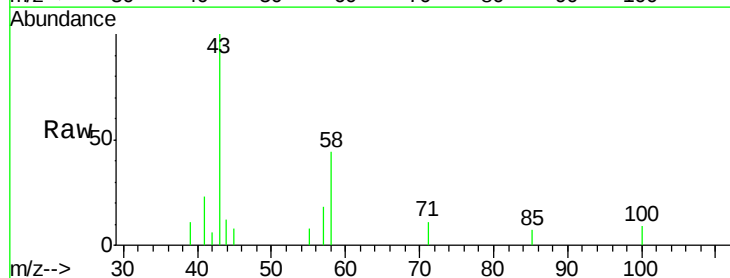
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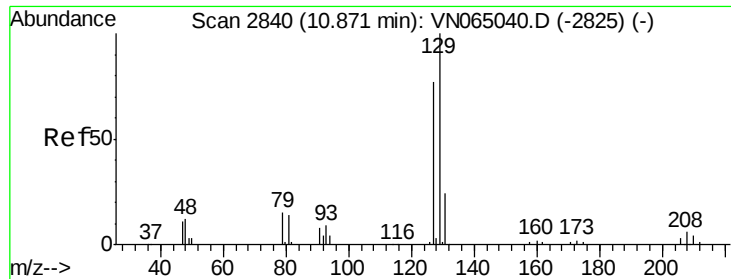
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#59
2-Hexanone
Concen: 3.102 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 43 Resp: 5232
Ion Ratio Lower Upper
43 100
58 39.4 28.3 84.9





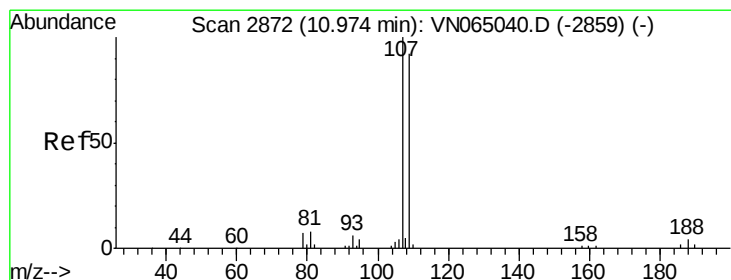
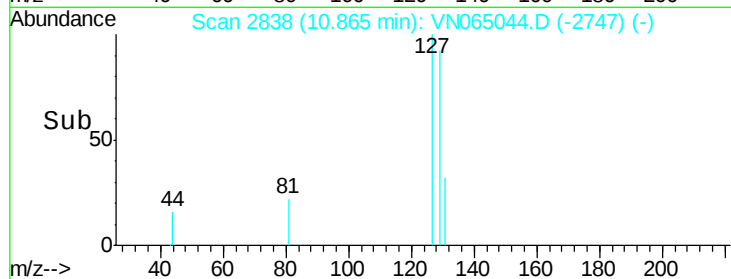
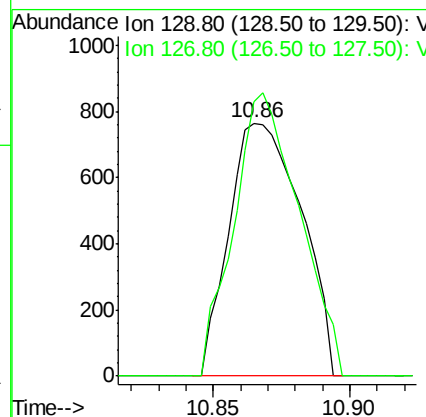
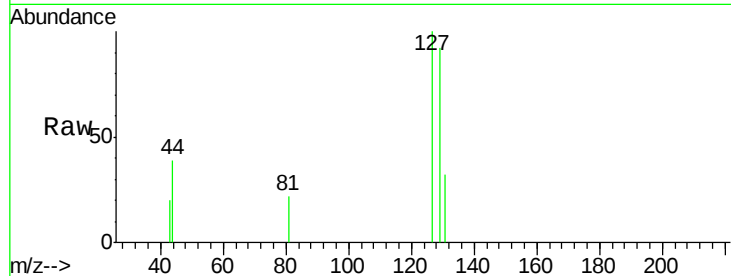
#60
 Dibromochloromethane
 Concen: 0.639 ug/l
 RT: 10.86 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	101.1	38.4	115.1

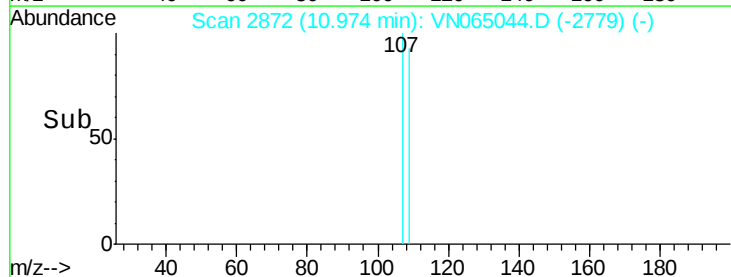
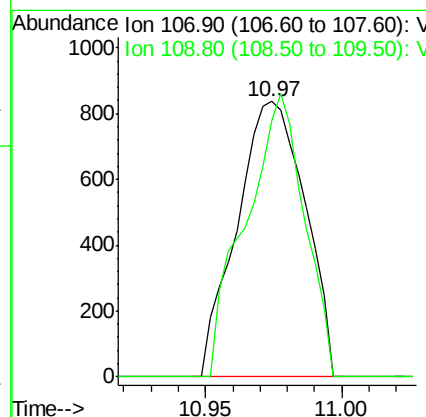
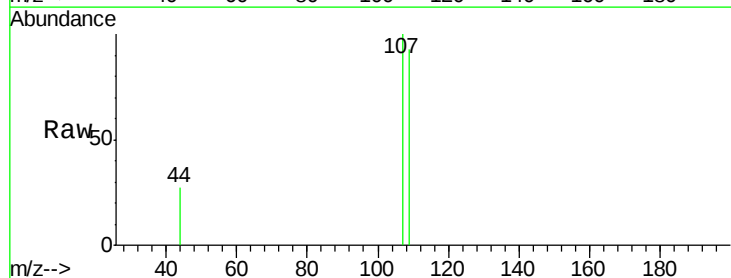
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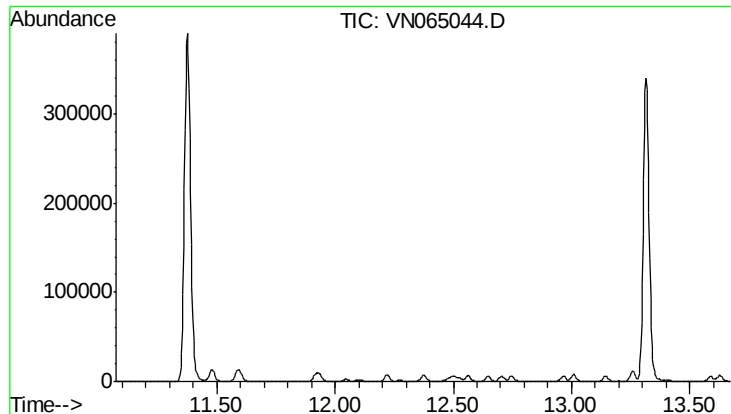
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#61
 1,2-Dibromoethane
 Concen: 0.720 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
107	100		
109	88.7	74.1	111.1





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.37 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tot Ion	95
Sig	Exp Ratio
95	100
174	82.4
176	79.4

Instrument :

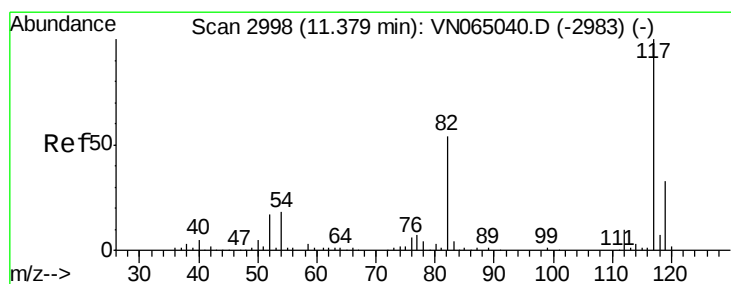
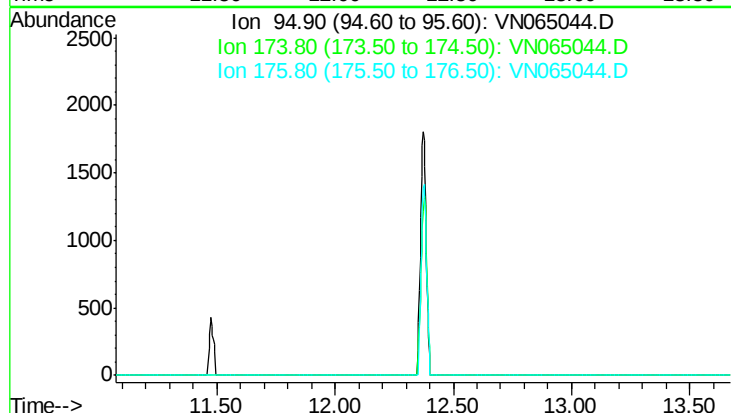
MSVOA_N

ClientSampleId :

VSTDIC001

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

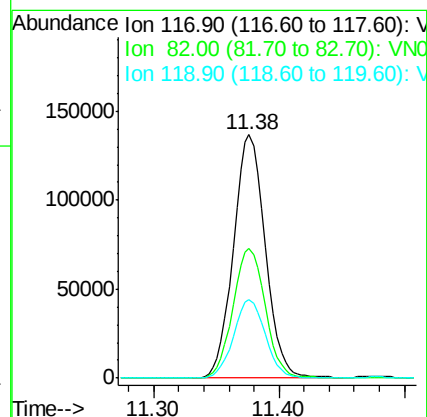
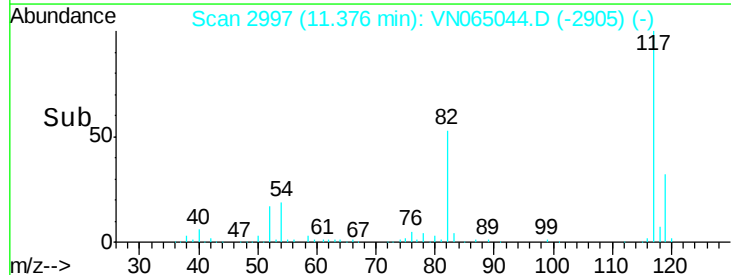
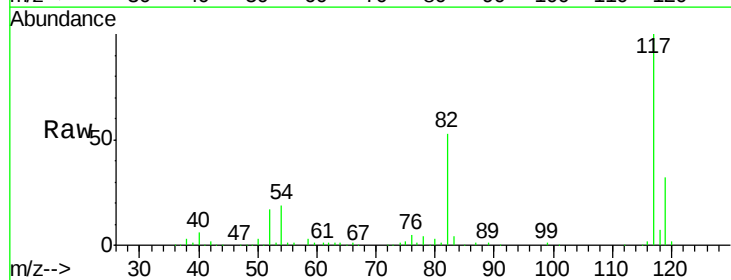
RT: 11.38 min Scan# 2997

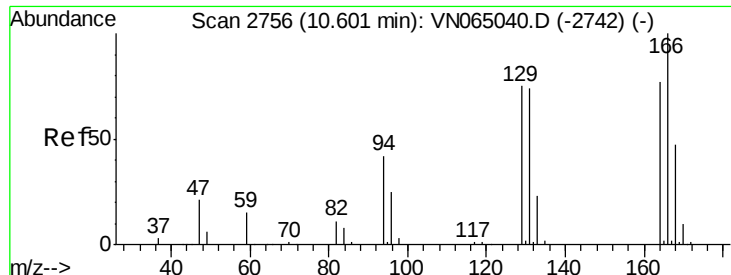
Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion	117	Resp	241646
Ion Ratio	Lower	Upper	
117	100		
82	53.2	43.5	65.3
119	32.2	26.4	39.6





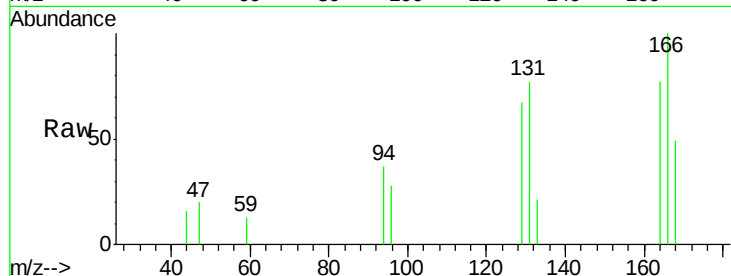
#64
Tetrachloroethene
Concen: 0.827 ug/l
RT: 10.59 min Scan# 2754
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

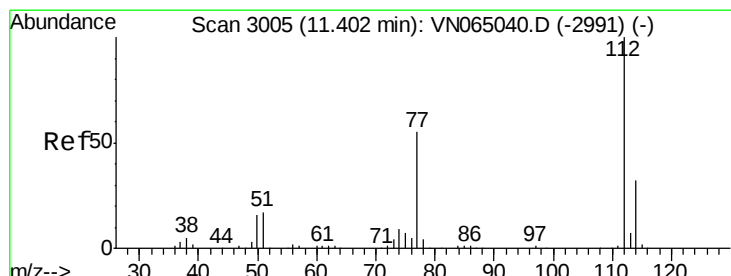
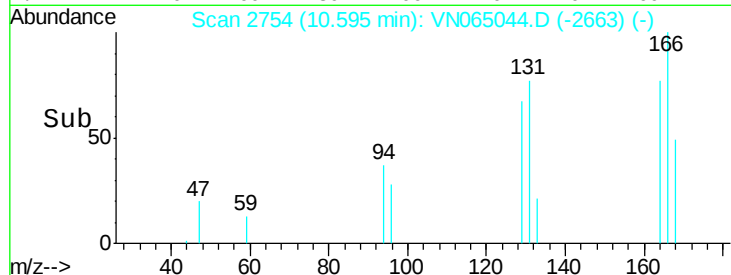
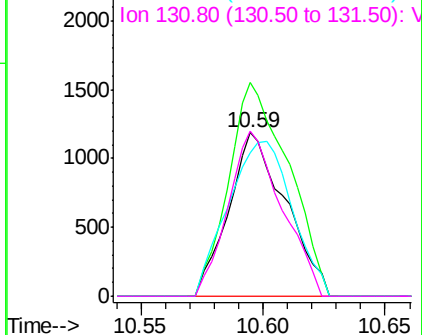
Tot Ion	Ratio	Lower	Upper
164	100		
166	130.5	103.3	154.9
129	87.6	77.0	115.4
131	100.9	76.1	114.1

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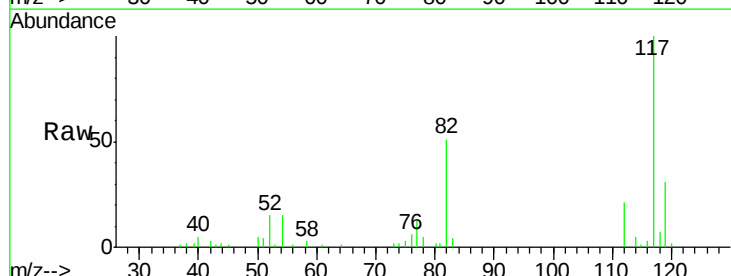


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

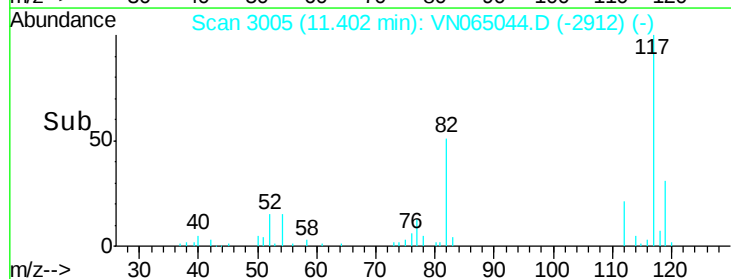
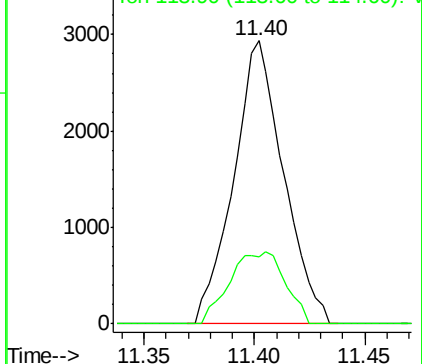


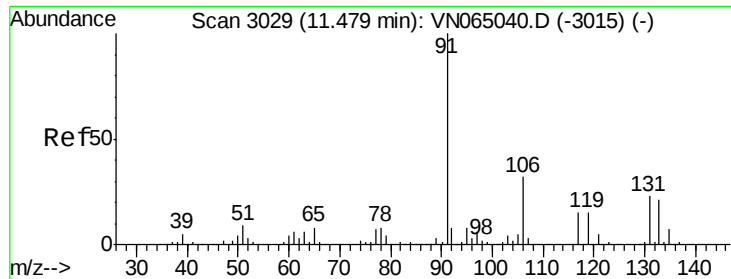
#65
Chlorobenzene
Concen: 0.889 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
112	100		
114	23.9	25.9	38.9#



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





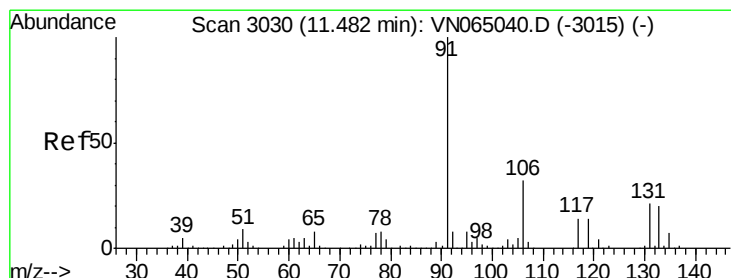
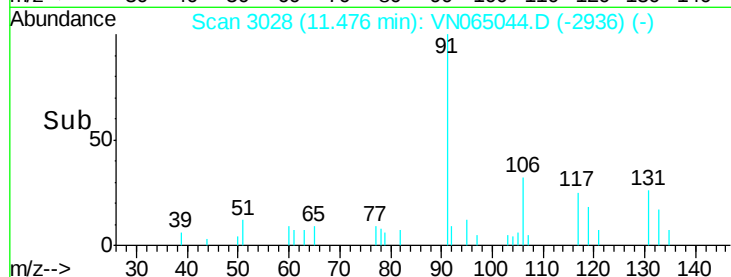
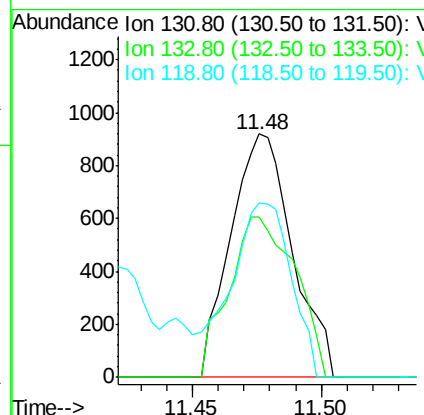
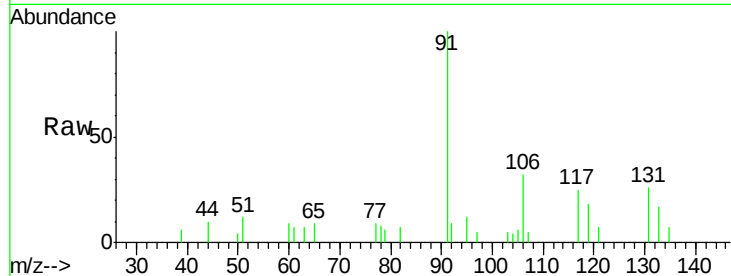
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.803 ug/l
 RT: 11.48 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:131 Resp: 1535
 Ion Ratio Lower Upper
 131 100
 133 70.8 48.7 146.1
 119 0.0 33.2 99.6#

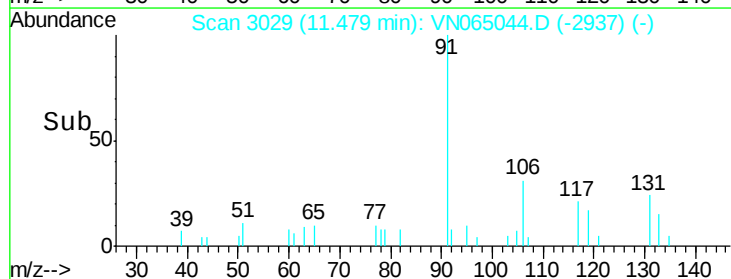
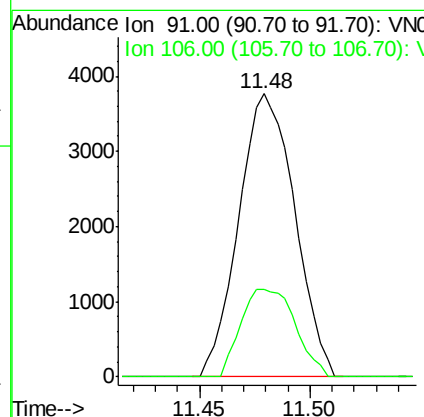
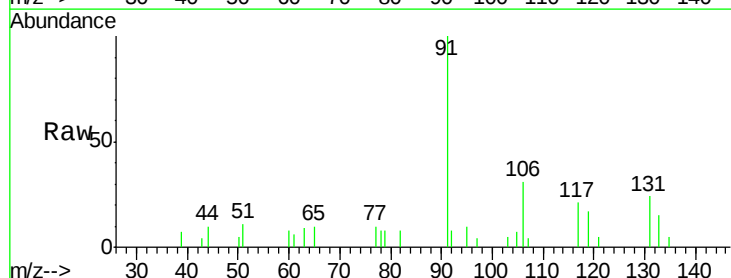
Manual Integrations
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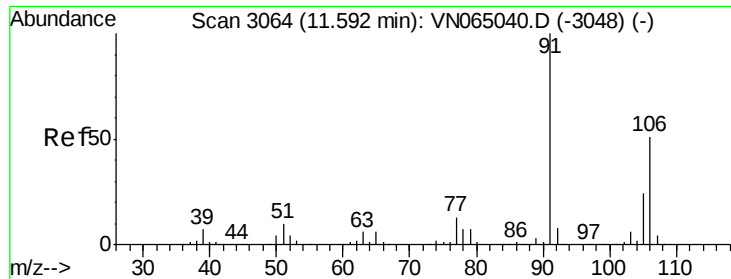
MMDadoda
 12/11/2020 12:32:27 PM



#67
 Ethyl Benzene
 Concen: 0.770 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 91 Resp: 6648
 Ion Ratio Lower Upper
 91 100
 106 30.9 25.7 38.5





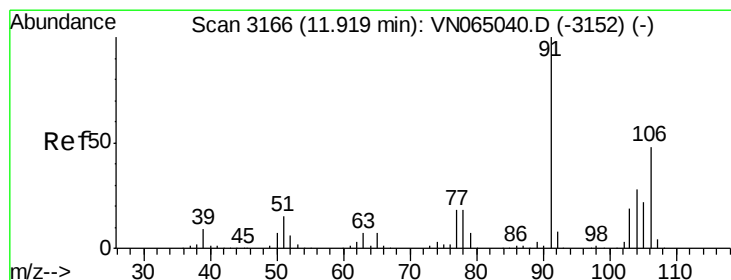
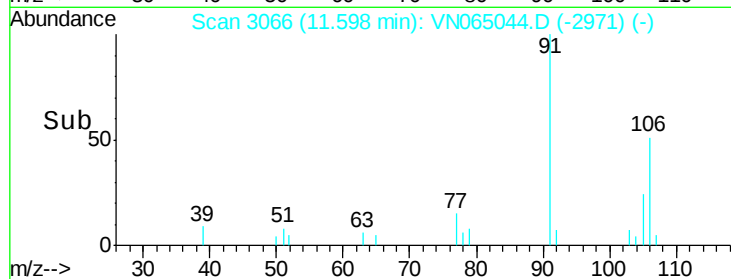
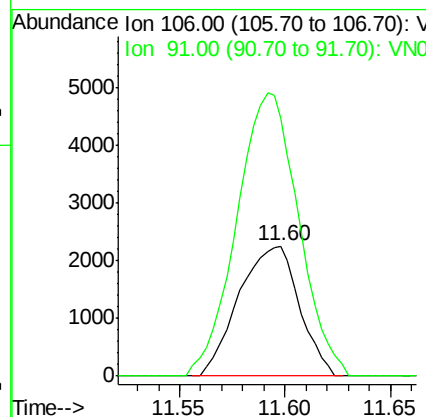
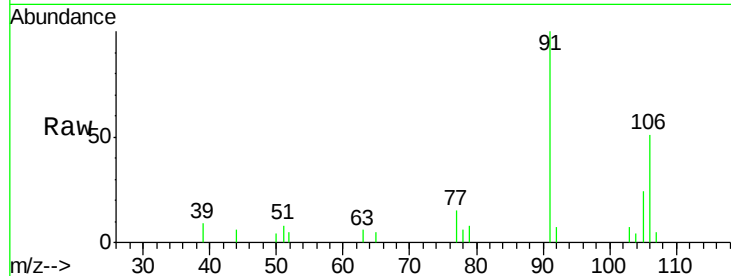
#68
m/p-Xylenes
Concen: 1.360 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 4470
Ion Ratio Lower Upper
106 100
91 222.9 157.0 235.6

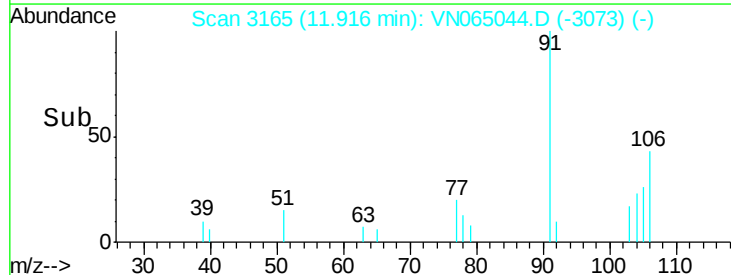
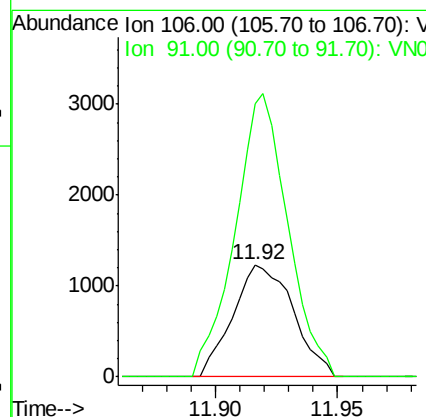
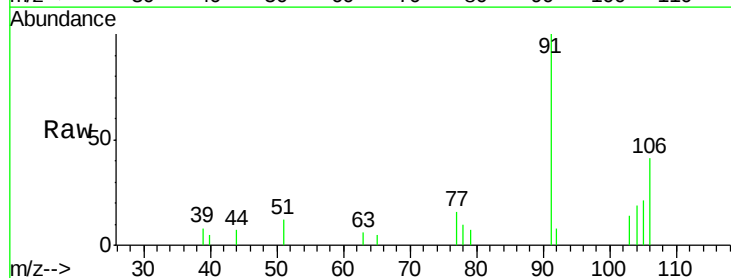
Manual Integrations
APPROVED

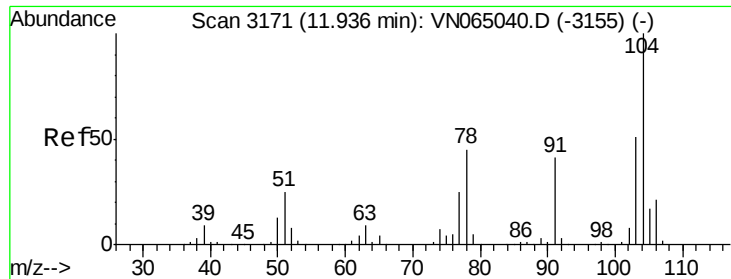
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#69
o-Xylene
Concen: 0.678 ug/l
RT: 11.92 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion:106 Resp: 2111
Ion Ratio Lower Upper
106 100
91 220.5 104.1 312.3





#70

Stvrene

Concen: 0.692 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:104 Resp: 3637

Ion Ratio Lower Upper

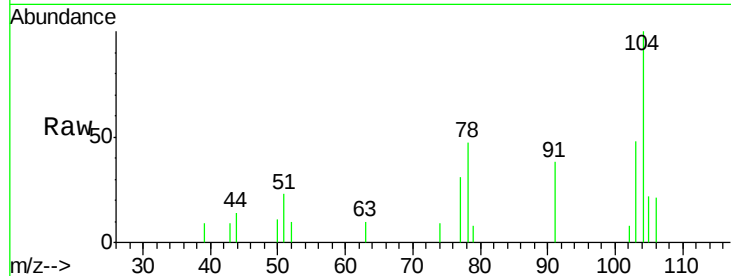
104 100

78 48.2 38.7 58.1

103 57.6 43.8 65.8

Manual Integrations
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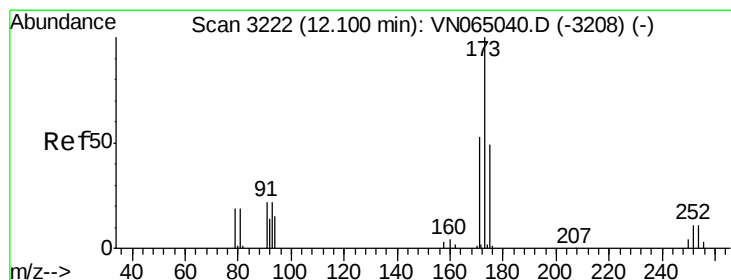
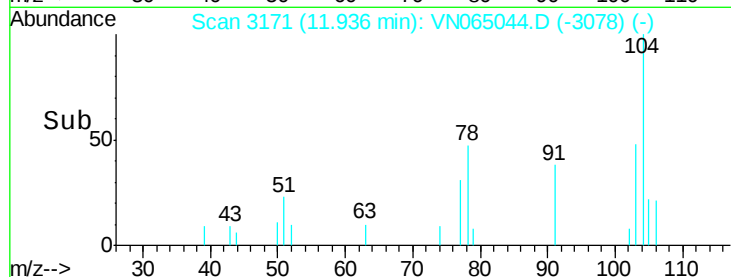
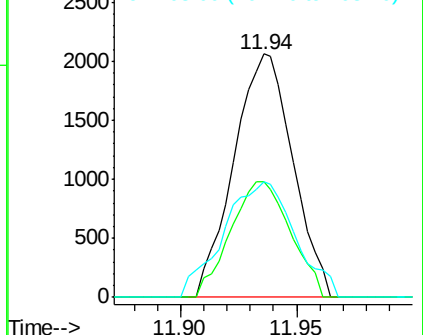
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.654 ug/l

RT: 12.09 min Scan# 3220

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

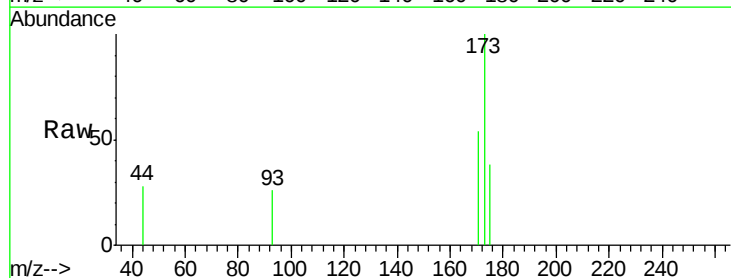
Tgt Ion:173 Resp: 993

Ion Ratio Lower Upper

173 100

175 41.8 24.5 73.5

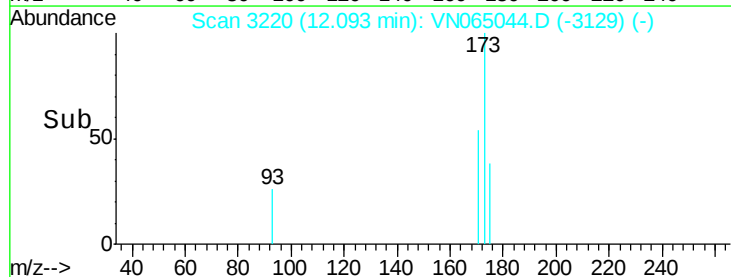
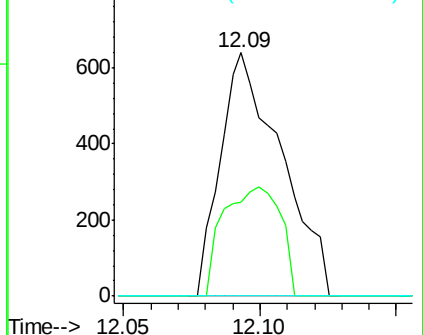
254 0.0 0.0 0.0

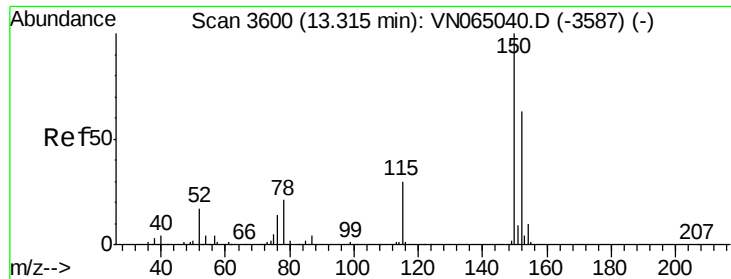


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 99579

Ion Ratio Lower Upper

152 100

115 59.5 29.3 88.0

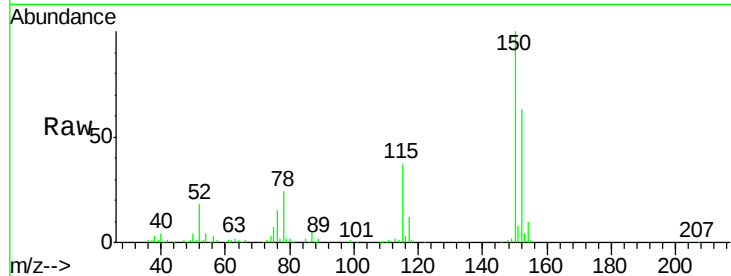
150 156.8 0.0 345.8

Manual Integrations

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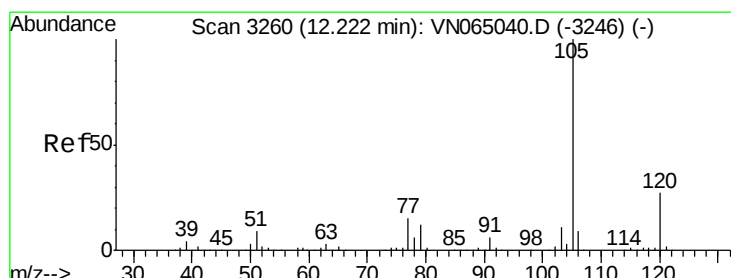
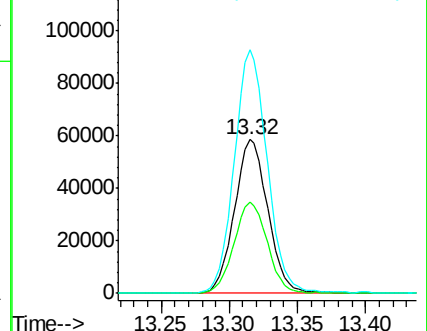
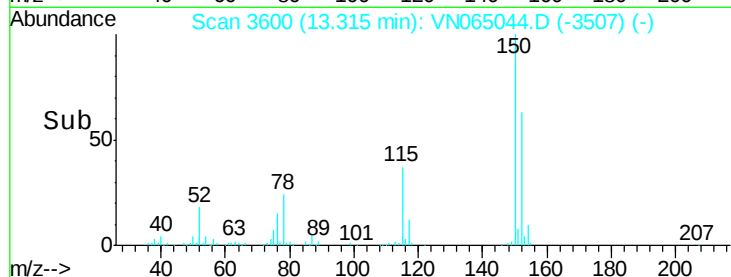
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.751 ug/l

RT: 12.22 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN065044.D

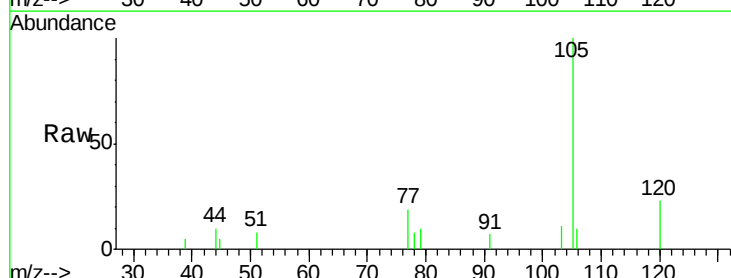
Acq: 10 Dec 2020 14:49

Tgt Ion:105 Resp: 5183

Ion Ratio Lower Upper

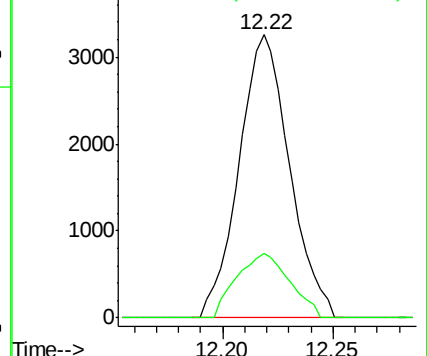
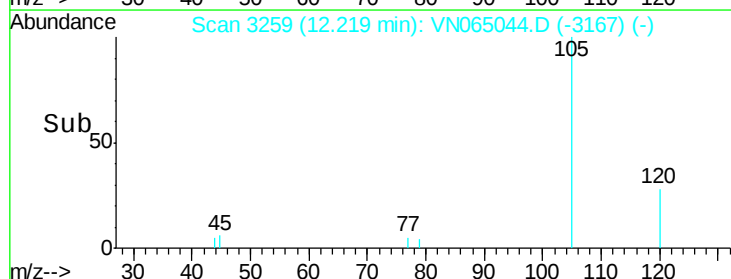
105 100

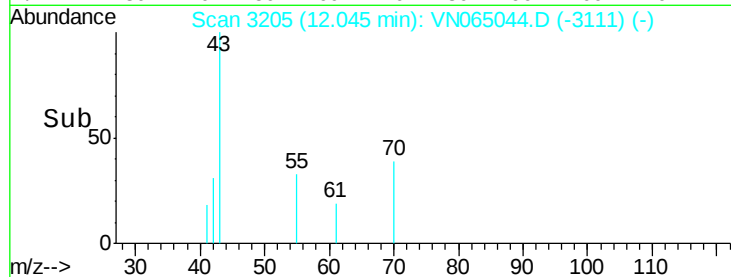
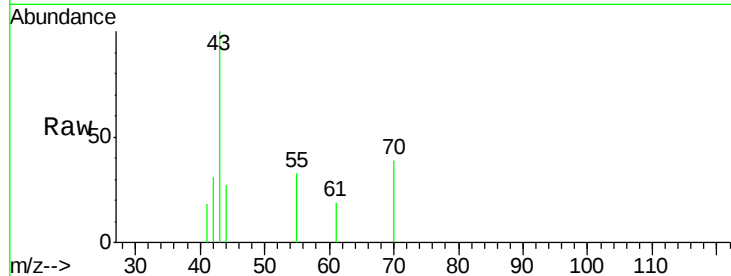
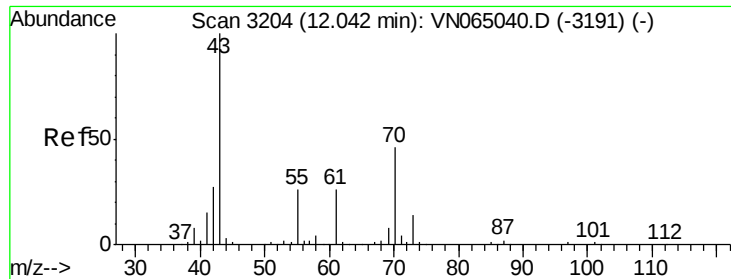
120 23.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.680 ug/l m

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tot Ion:	43	Resp:	1814
Ion	Ratio	Lower	Upper
43	100		
70	30.0	36.2	54.2#
55	14.4	21.4	32.0#
61	7.3	19.8	29.8#

Instrument :

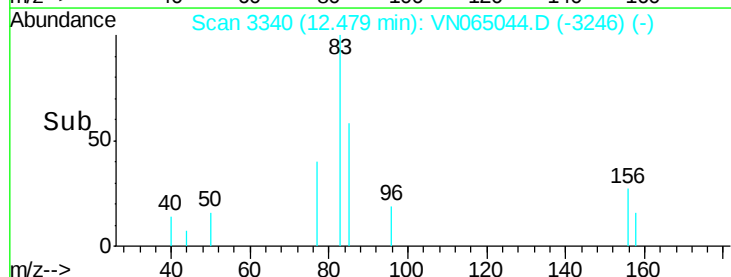
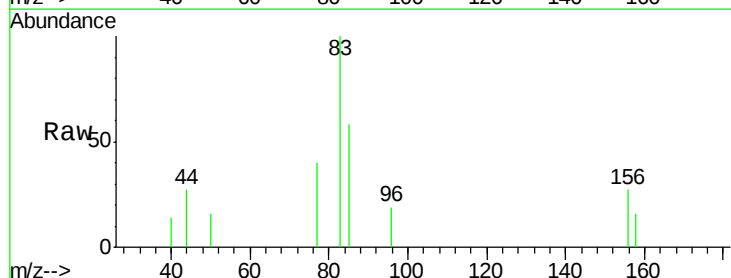
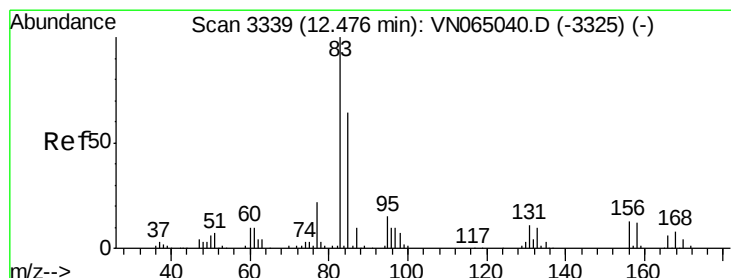
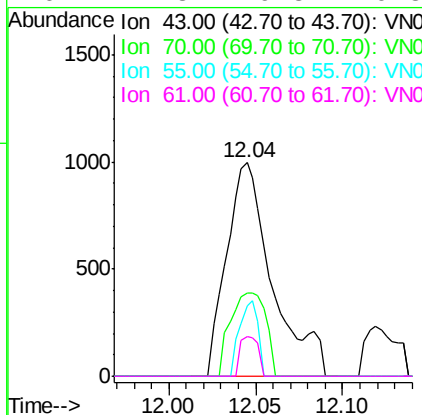
MSVOA_N

ClientSampleId :

VSTDIC001

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.914 ug/l

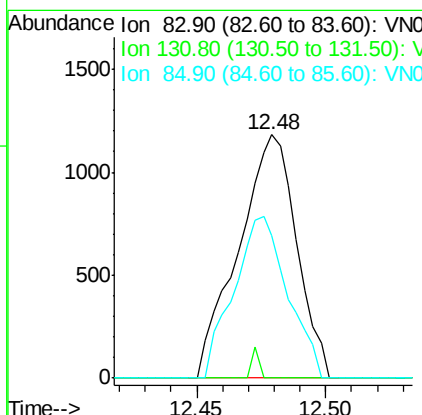
RT: 12.48 min Scan# 3340

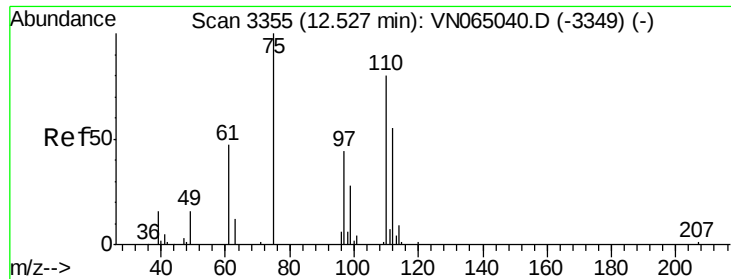
Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion:	83	Resp:	1855
Ion	Ratio	Lower	Upper
83	100		
131	1.6	5.5	16.4#
85	61.1	32.3	96.9





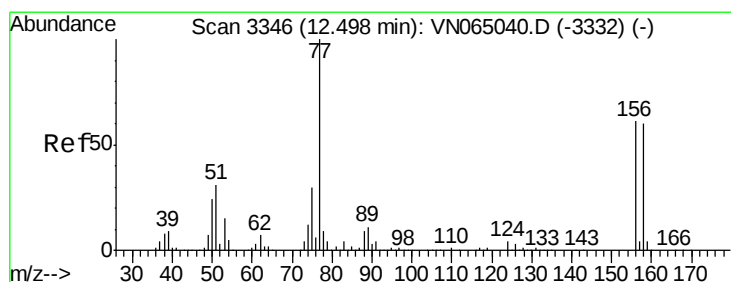
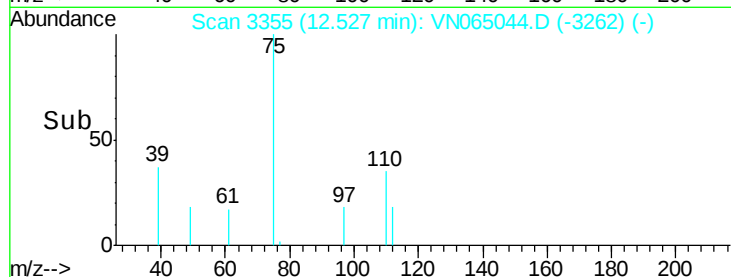
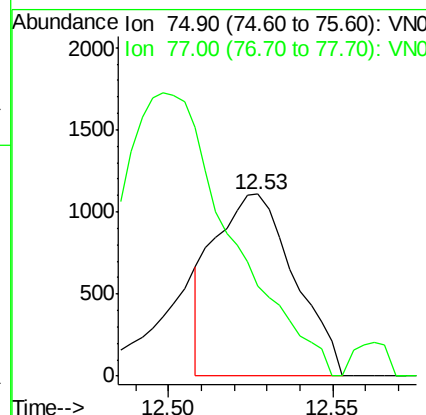
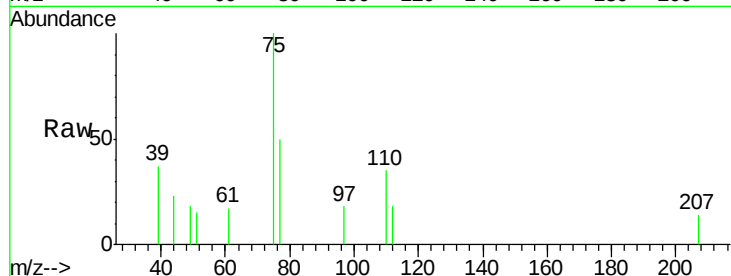
#76
1,2,3-Trichloropropane
Concen: 0.891 ug/l m
RT: 12.53 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 1881
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

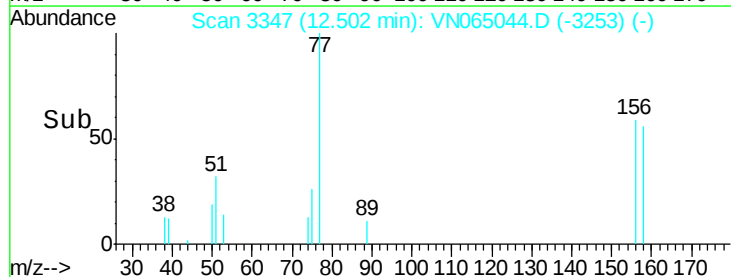
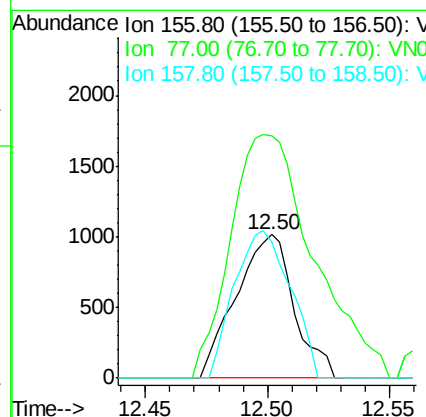
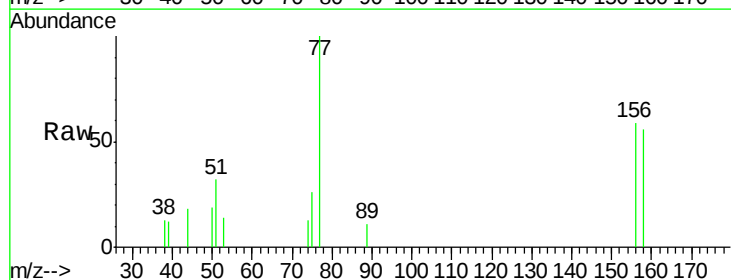
Manual Integrations
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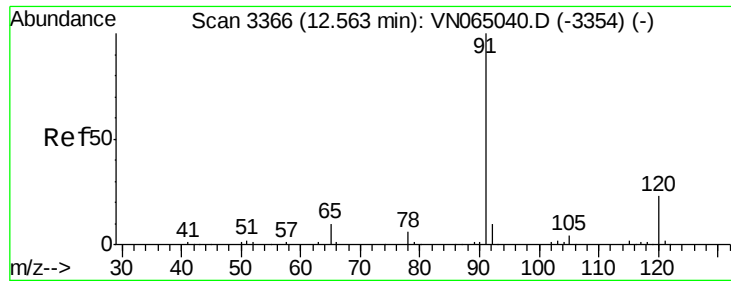
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#77
Bromobenzene
Concen: 0.898 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 156 Resp: 1675
Ion Ratio Lower Upper
156 100
77 242.7 99.3 297.8
158 99.5 49.0 147.0





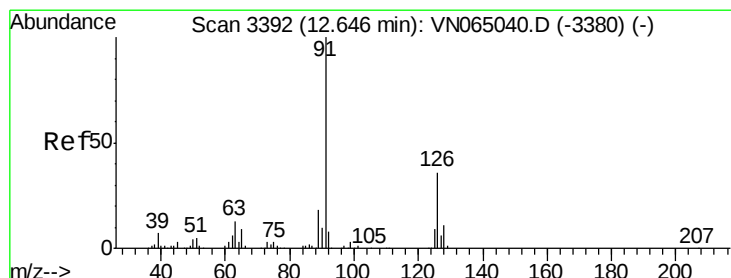
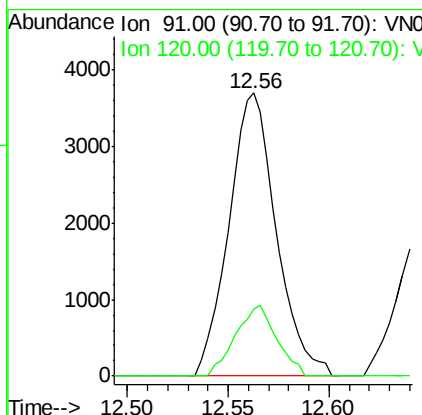
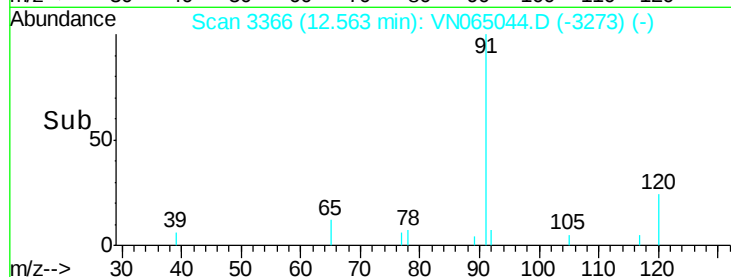
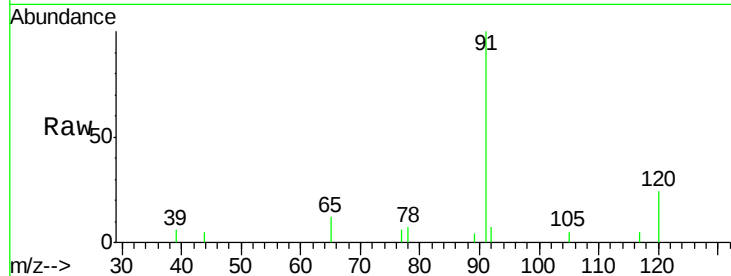
#78
 n-propylbenzene
 Concen: 0.775 ug/l
 RT: 12.56 min Scan# 3366
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 91 Resp: 6069
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.9 35.9

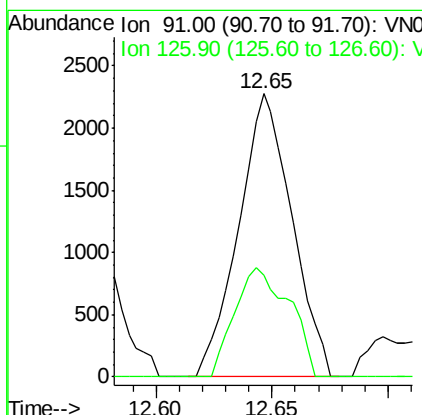
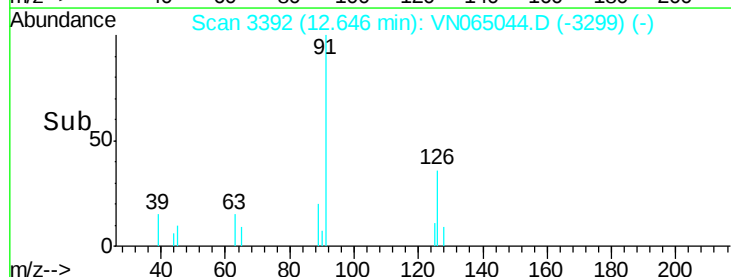
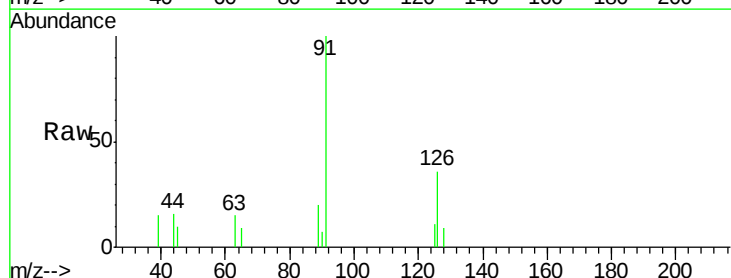
Manual Integrations
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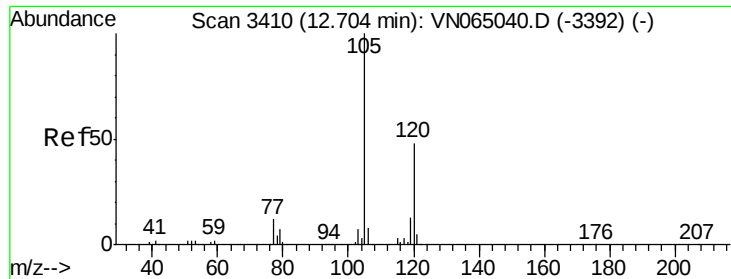
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#79
 2-Chlorotoluene
 Concen: 0.751 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 91 Resp: 3638
 Ion Ratio Lower Upper
 91 100
 126 39.5 17.6 52.9





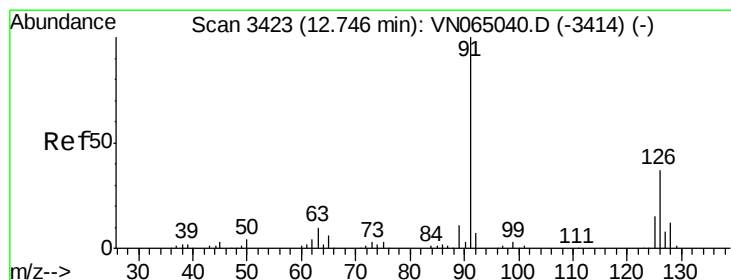
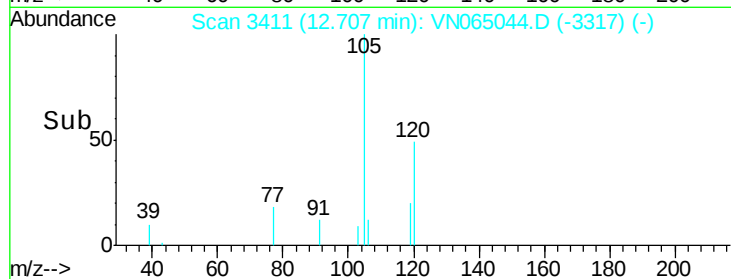
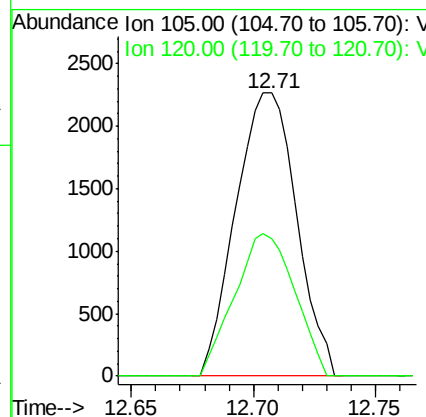
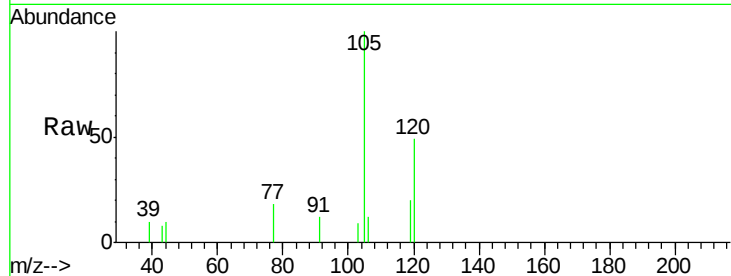
#80
 1,3,5-Trimethylbenzene
 Concen: 0.684 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 3921
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.5 73.5

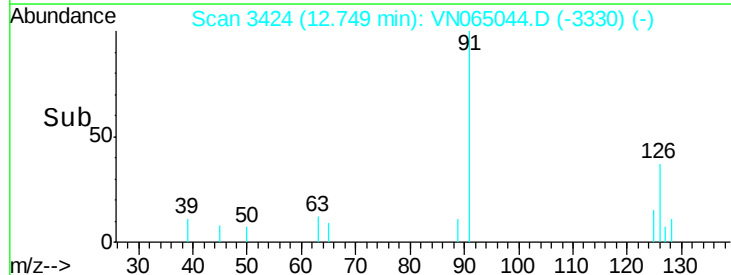
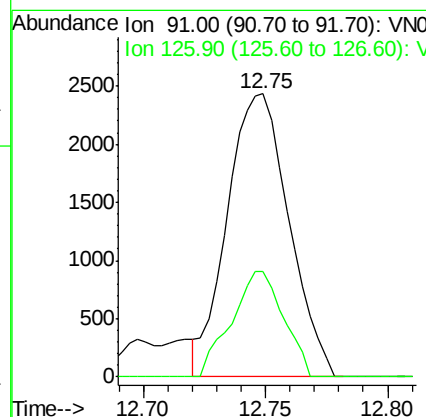
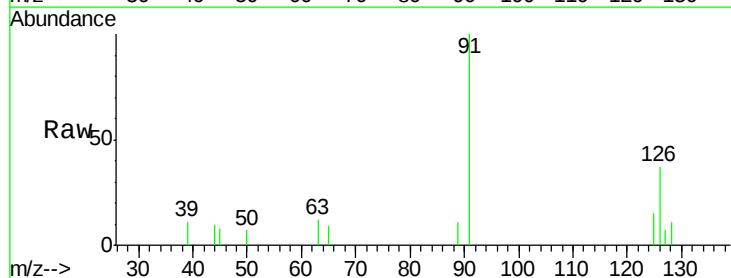
Manual Integrations
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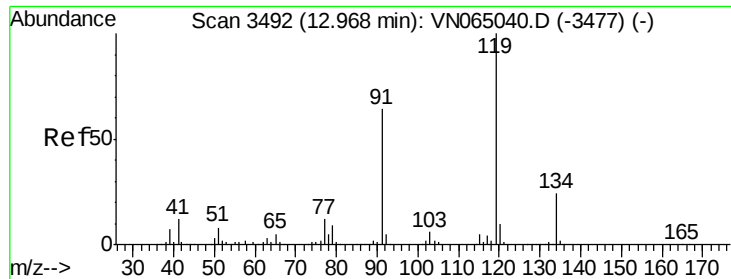
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#82
 4-Chlorotoluene
 Concen: 0.841 ug/l
 RT: 12.75 min Scan# 3424
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 91 Resp: 4276
 Ion Ratio Lower Upper
 91 100
 126 31.2 17.3 52.0





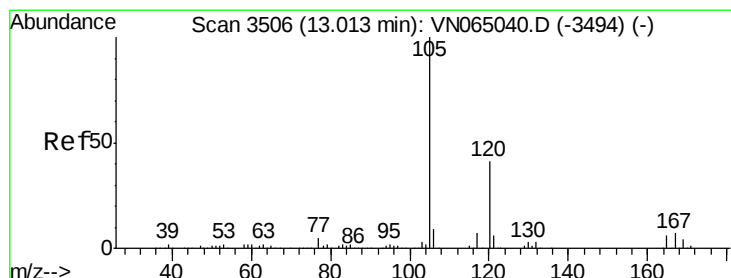
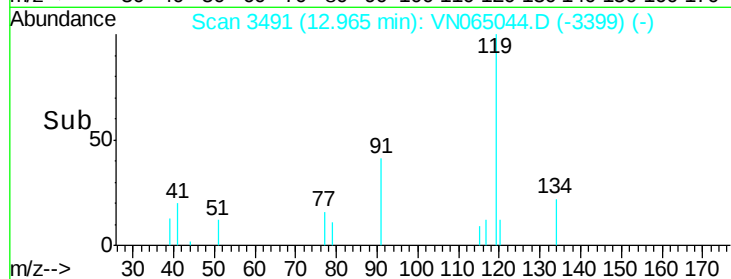
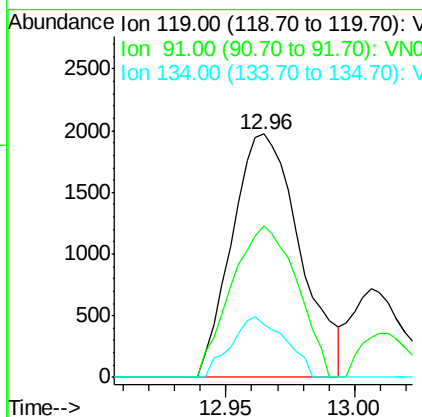
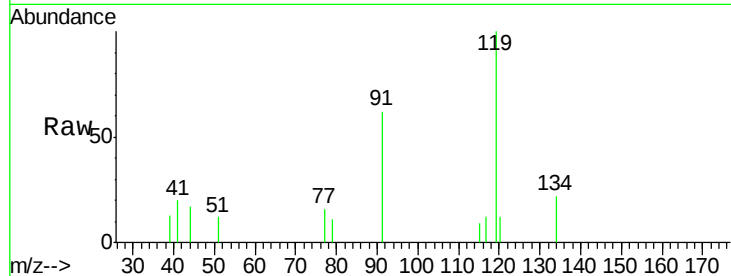
#83
tert-Butylbenzene
Concen: 0.754 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	31.1	93.5
134	19.8	12.6	37.6

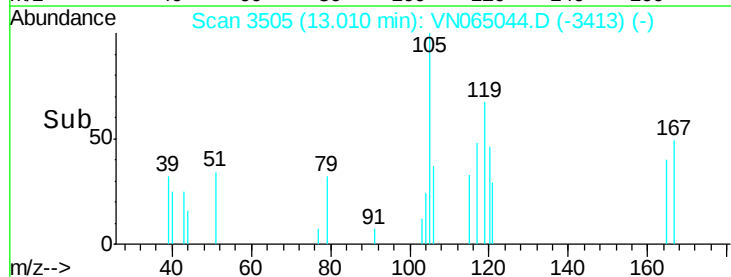
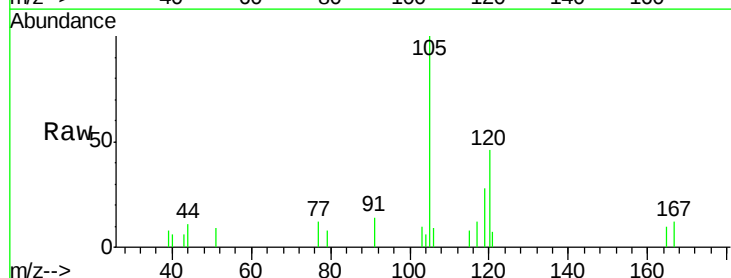
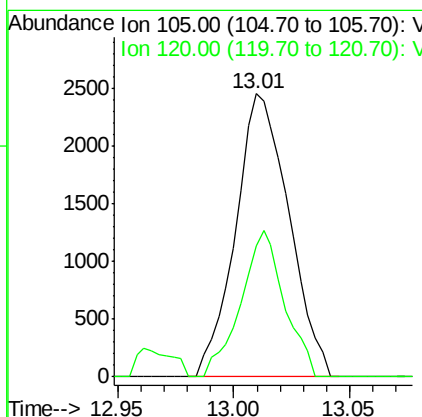
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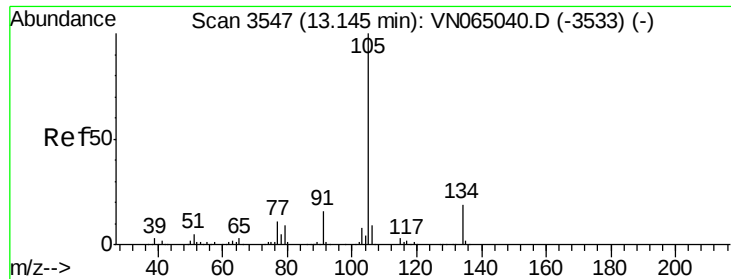
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 0.677 ug/l
RT: 13.01 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 0.730 ug/l

RT: 13.14 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 4630

Ion Ratio Lower Upper

105 100

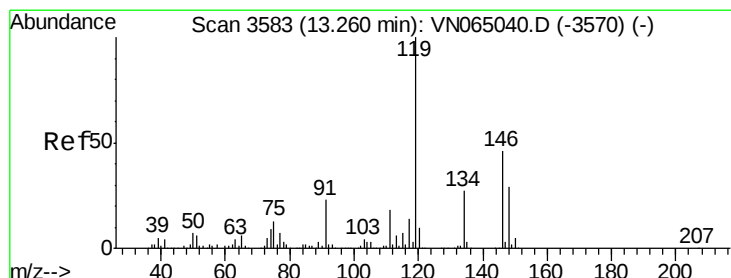
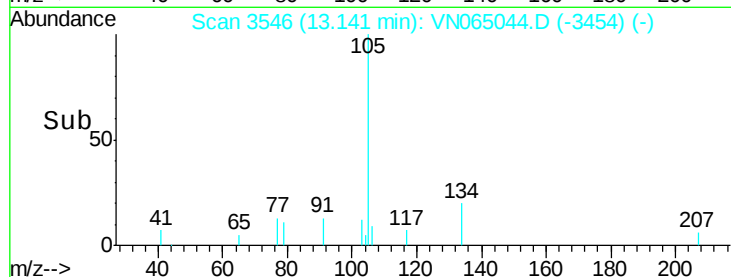
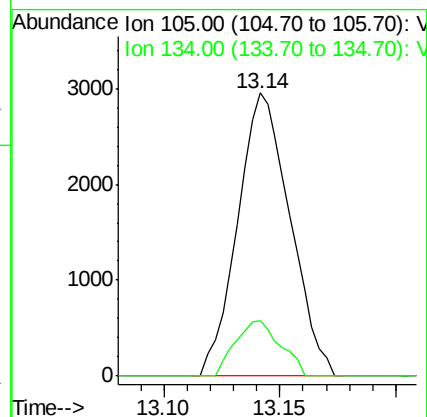
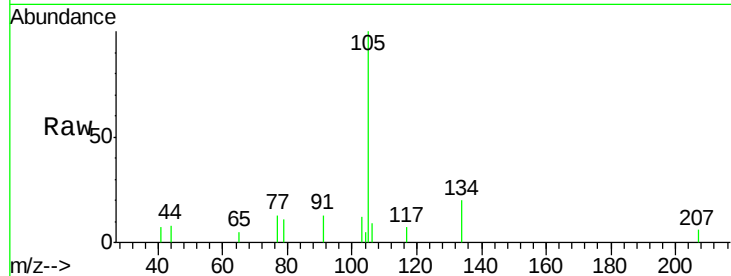
134 16.8 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 0.631 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

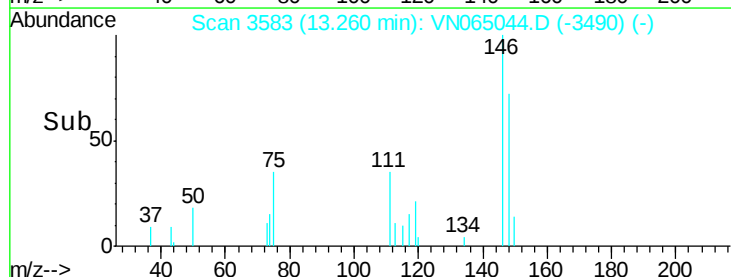
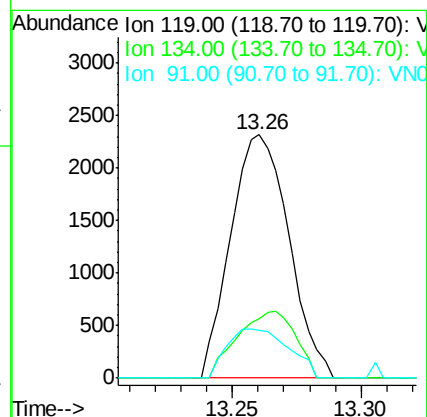
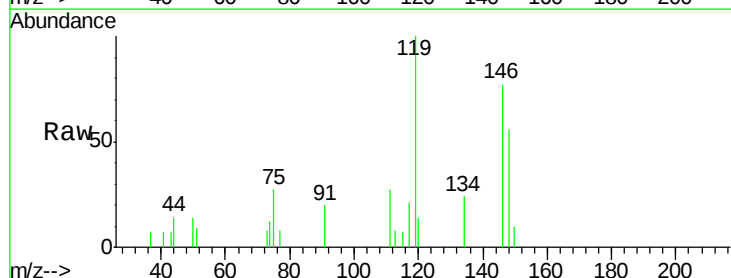
Tgt Ion:119 Resp: 3644

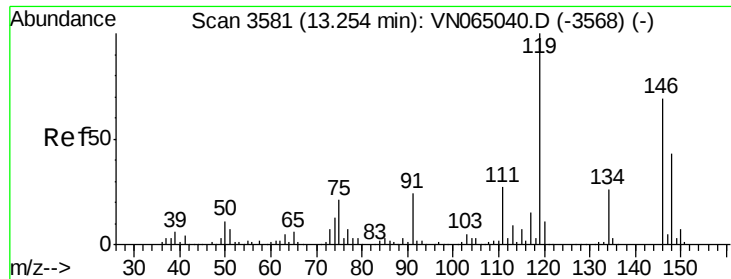
Ion Ratio Lower Upper

119 100

134 27.4 13.0 38.9

91 21.5 11.5 34.4





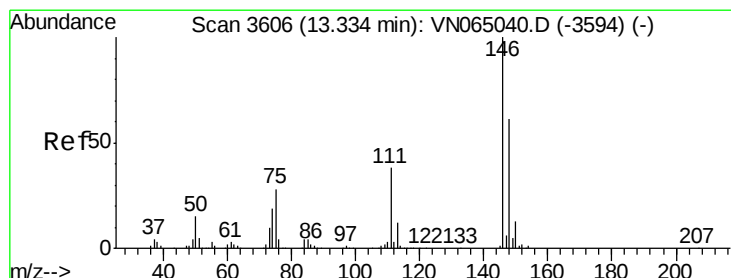
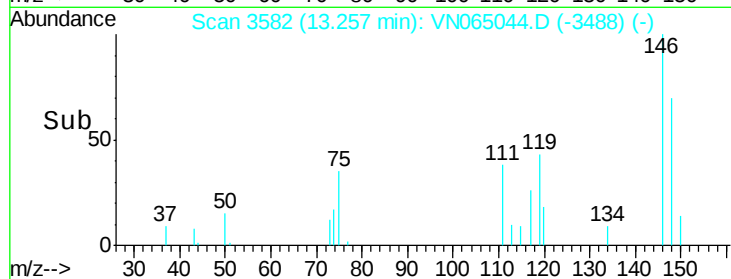
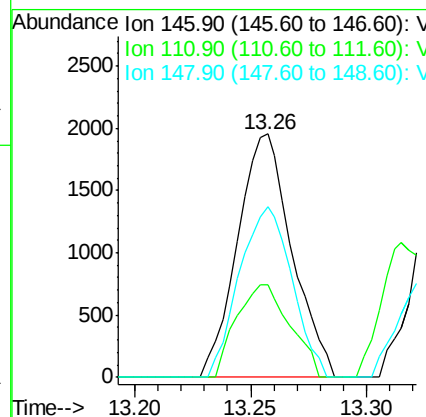
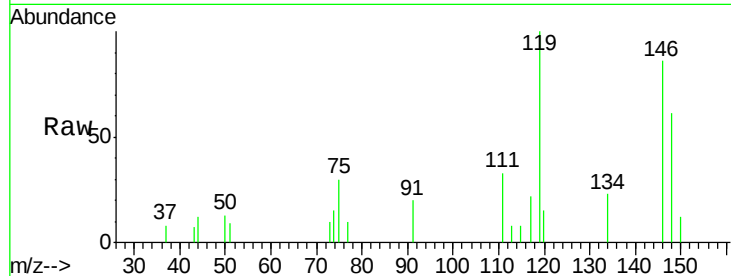
#87
 1,3-Dichlorobenzene
 Concen: 0.961 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.0	59.9
148	67.7	31.6	94.7

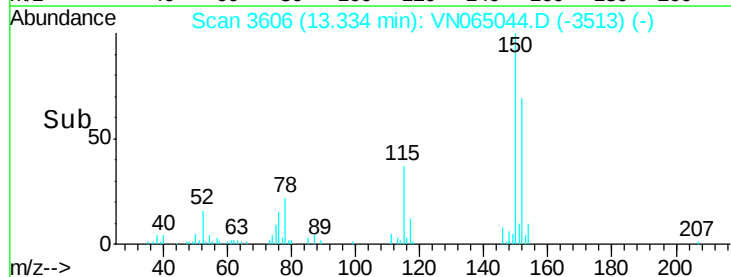
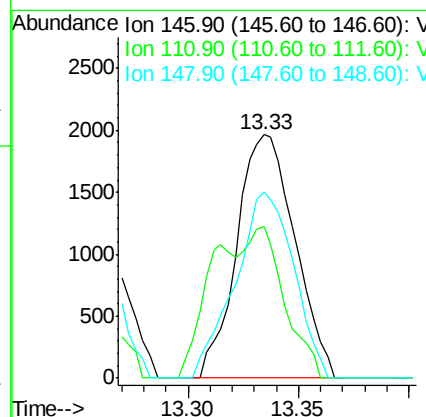
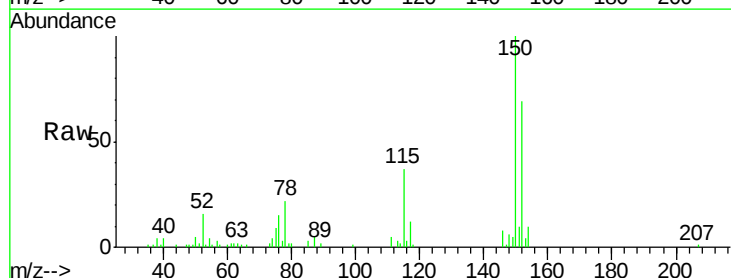
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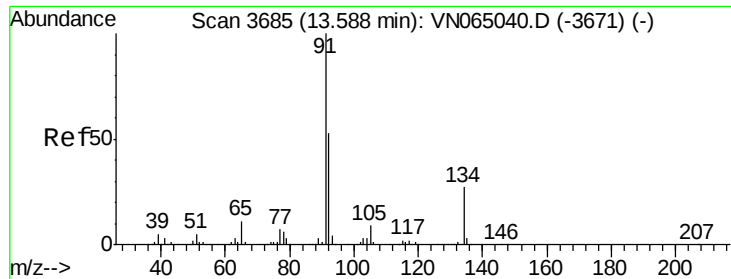
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#88
 1,4-Dichlorobenzene
 Concen: 1.024 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.9	19.2	57.6
148	76.8	31.1	93.3





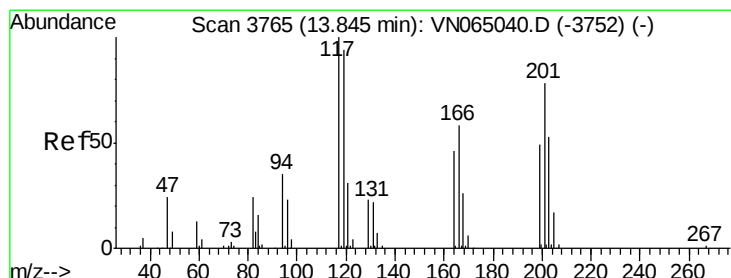
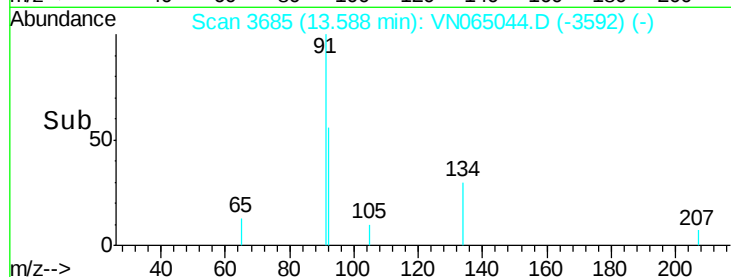
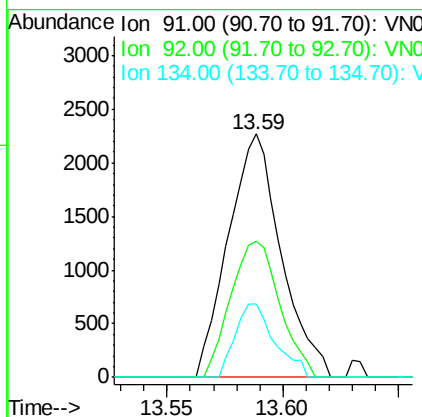
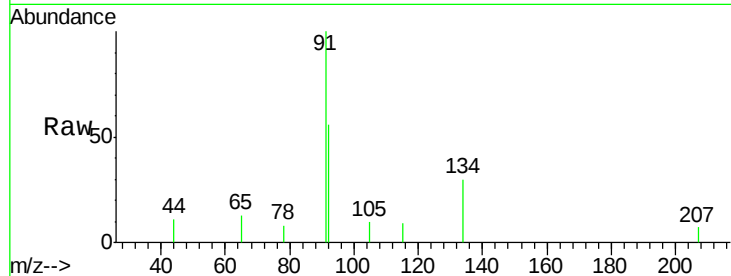
#89
n-Butylbenzene
Concen: 0.713 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	22.5	13.2	39.6

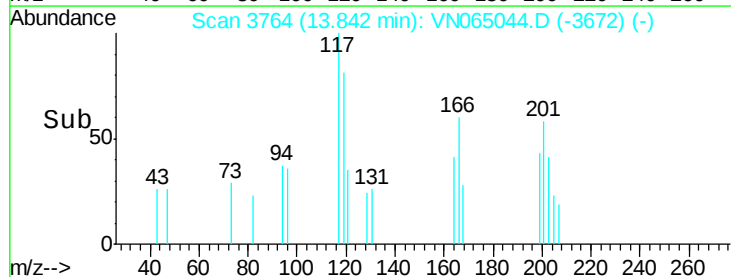
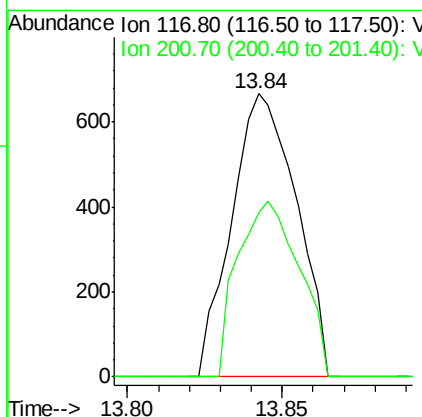
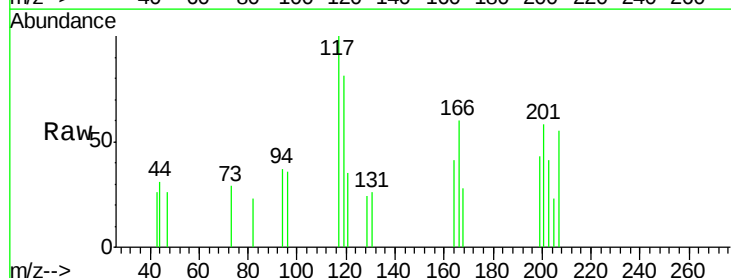
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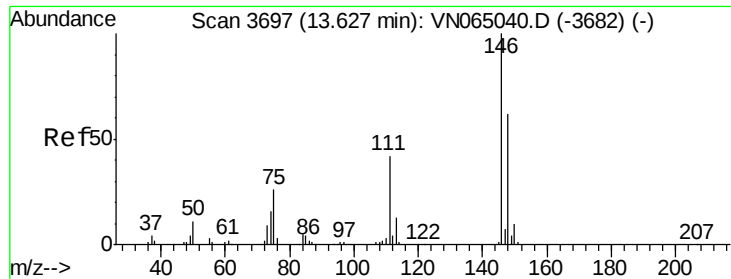
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#90
Hexachloroethane
Concen: 0.960 ug/l
RT: 13.84 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	59.3	39.5	118.3





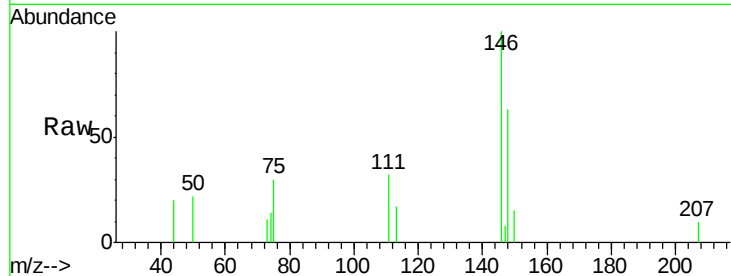
#91
 1,2-Dichlorobenzene
 Concen: 1.038 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

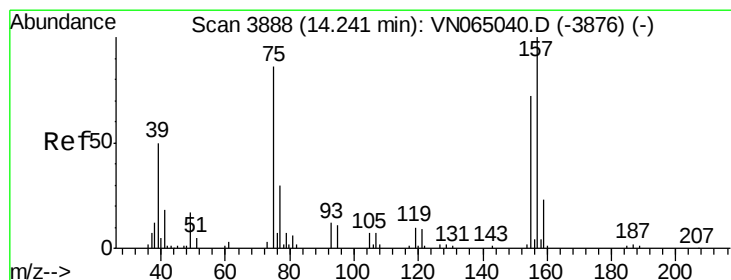
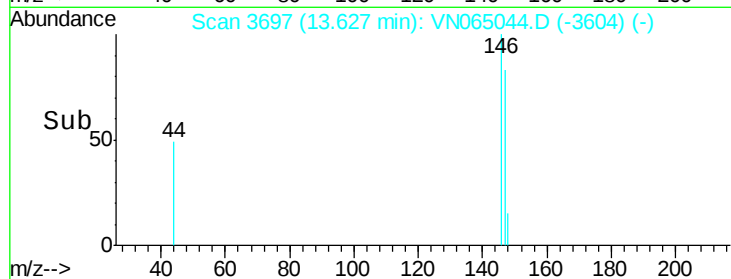
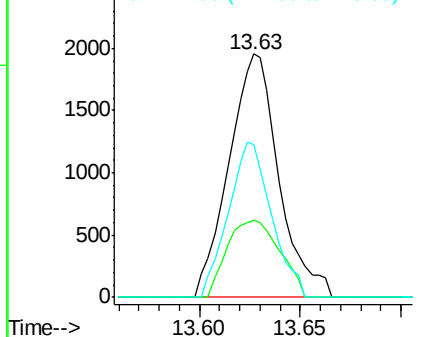
Tot Ion	Ratio	Lower	Upper
146	100		
111	33.4	21.1	63.1
148	55.1	31.7	95.1

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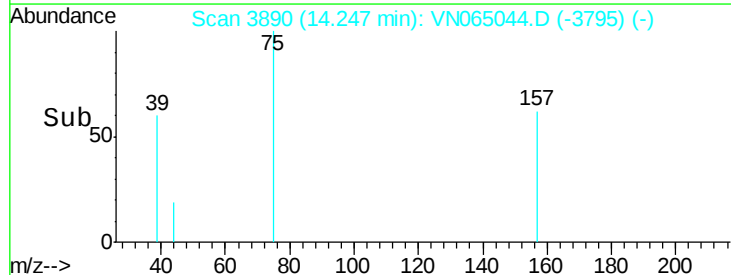
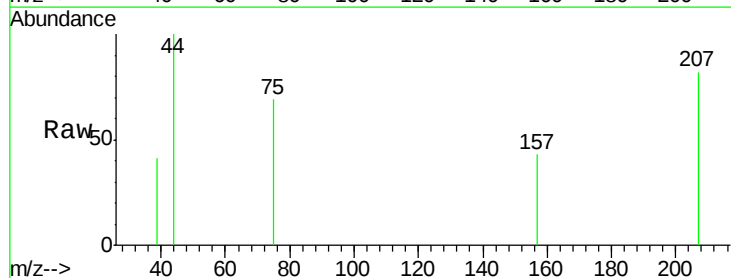
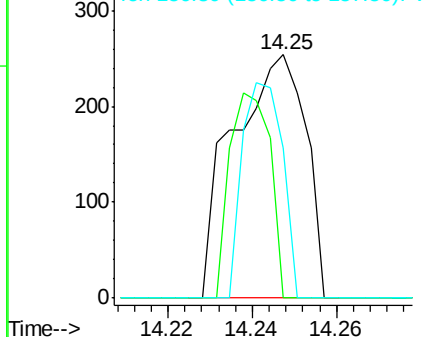
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

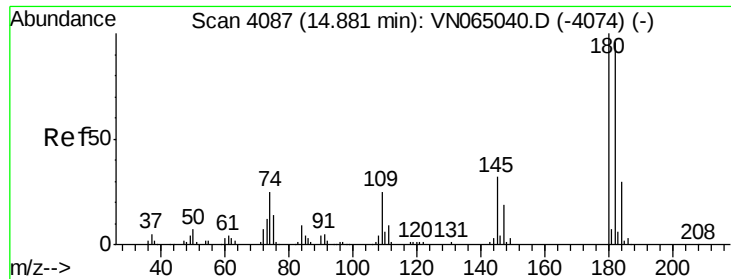


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.681 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	47.0	43.8	131.4
157	49.3	58.1	174.3#

Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





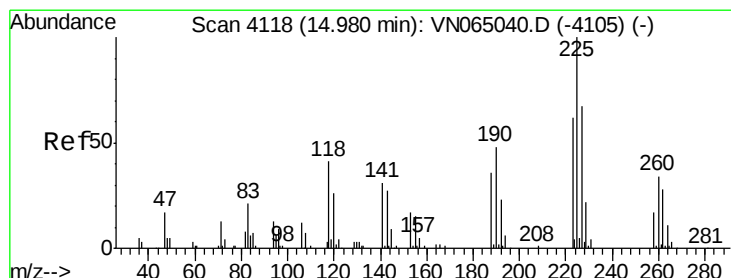
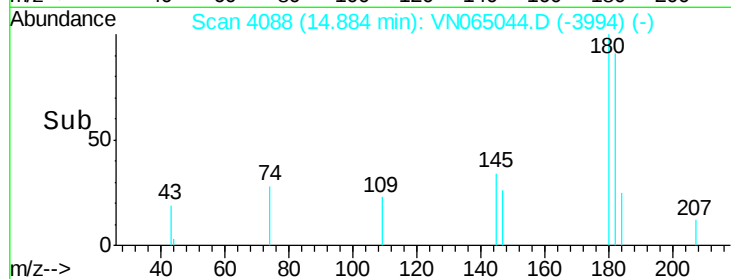
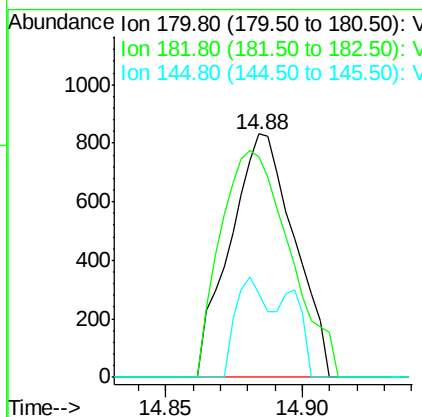
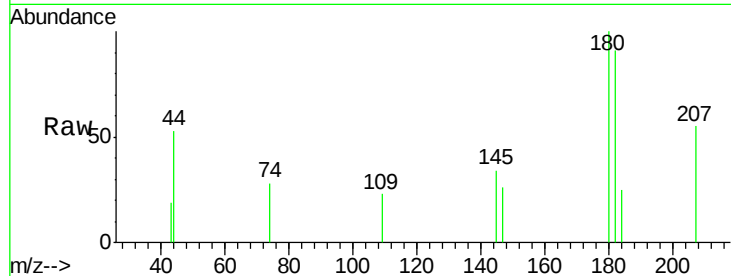
#93
 1,2,4-Trichlorobenzene
 Concen: 0.688 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.8	47.0	141.2
145	22.5	15.4	46.4

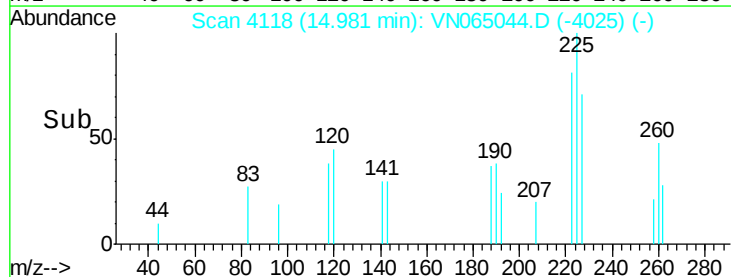
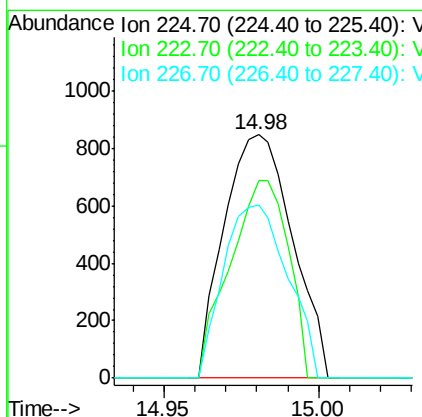
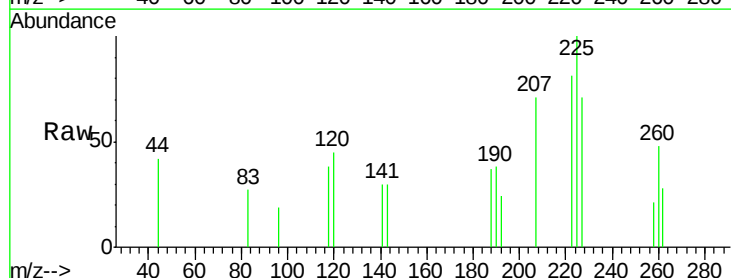
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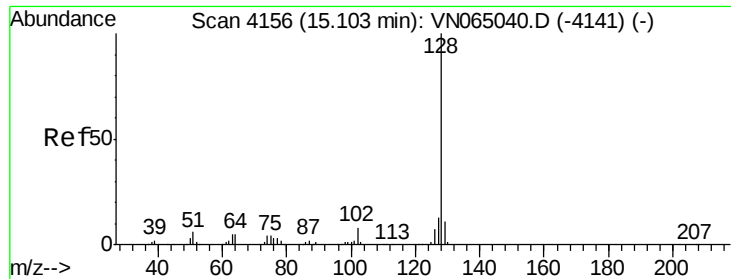
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#94
 Hexachlorobutadiene
 Concen: 1.297 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.5	31.4	94.0
227	67.1	32.3	96.8





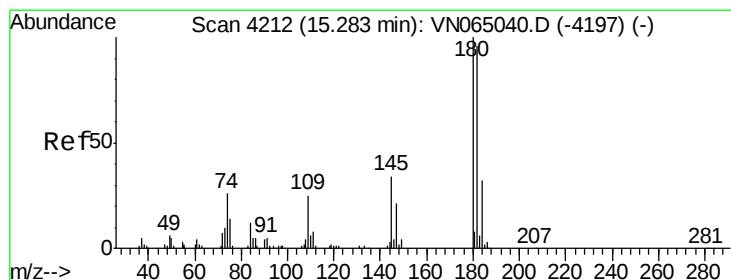
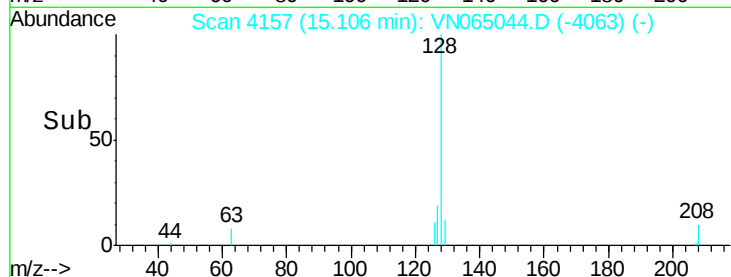
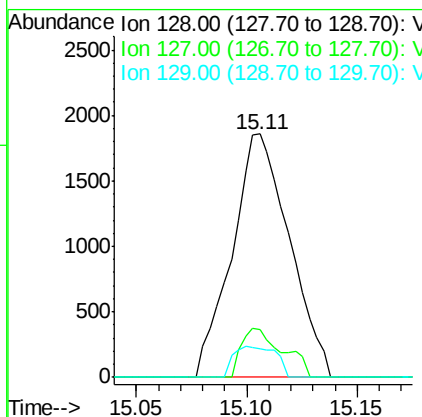
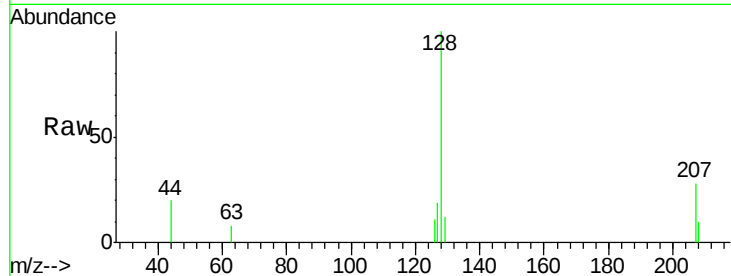
#95
Naphthalene
Concen: 0.570 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.2
129	9.4	8.5	12.7

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#96
1,2,3-Trichlorobenzene
Concen: 0.718 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.1	48.3	144.9
145	21.7	16.2	48.6

