

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062968.D
 Acq On : 17 Aug 2020 13:26
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:12:44 AM

Quant Time: Aug 17 15:24:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	224088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	336547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115975	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		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	1769	0.571 ug/l	98
3) Chloromethane	2.04	50	2594	0.880 ug/l #	87
4) Vinyl Chloride	2.16	62	3524	1.209 ug/l	97
6) Chloroethane	2.67	64	2143	1.121 ug/l	95
7) Trichlorofluoromethane	2.98	101	4642	0.935 ug/l	93
8) Diethyl Ether	3.37	74	1368	0.970 ug/l #	52
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2220	1.001 ug/l #	84
12) 1,1-Dichloroethene	3.70	96	2178	1.036 ug/l	96
14) Allyl chloride	4.27	41	3057	0.807 ug/l	89
15) Acrylonitrile	4.95	53	4212m	3.112 ug/l	
16) Acetone	3.78	43	4210	3.340 ug/l	92
17) Carbon Disulfide	4.00	76	6601	1.066 ug/l	99
18) Methyl Acetate	4.30	43	3875m	1.141 ug/l	
19) Methyl tert-butyl Ether	4.99	73	5690	0.687 ug/l	95
20) Methylene Chloride	4.50	84	3298	1.228 ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	2151	0.973 ug/l	88
22) Diisopropyl ether	5.90	45	5544	0.691 ug/l	92
23) Vinyl Acetate	5.85	43	20603	3.395 ug/l	99
24) 1,1-Dichloroethane	5.79	63	3648	0.771 ug/l #	83
25) 2-Butanone	6.80	43	5960	3.356 ug/l #	82
26) 2,2-Dichloropropane	6.78	77	3570m	0.837 ug/l	
27) cis-1,2-Dichloroethene	6.78	96	2473	0.937 ug/l	82
28) Bromochloromethane	7.14	49	1467	0.641 ug/l #	99
29) Tetrahydrofuran	7.17	42	3422	2.959 ug/l #	59
30) Chloroform	7.32	83	4242	0.851 ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	3418	0.777 ug/l #	49
36) 1,1-Dichloropropene	7.75	75	2814	0.882 ug/l	93
37) Ethyl Acetate	6.89	43	2418	0.739 ug/l #	65
38) Carbon Tetrachloride	7.72	117	3128	0.832 ug/l	94
39) Methylcyclohexane	9.05	83	3908	0.995 ug/l	88
40) Benzene	8.00	78	8972	0.926 ug/l	100
41) Methacrylonitrile	7.13	41	1144	0.793 ug/l #	48
42) 1,2-Dichloroethane	8.09	62	3083	0.779 ug/l	82
43) Isopropyl Acetate	8.13	43	3464	0.636 ug/l #	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2608	1.087	ug/l	96
45) 1,2-Dichloropropane	9.09	63	3011	1.158	ug/l	92
46) Dibromomethane	9.17	93	1614	0.946	ug/l	97
47) Bromodichloromethane	9.37	83	3098	0.822	ug/l #	92
48) Methyl methacrylate	9.17	41	1840	0.689	ug/l	96
49) 1,4-Dioxane	9.17	88	696	13.884	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	11601	3.296	ug/l	90
52) Toluene	10.12	92	5341	0.891	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	3010	0.729	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	3184	0.756	ug/l #	76
55) 1,1,2-Trichloroethane	10.53	97	2330	0.908	ug/l	96
56) Ethyl methacrylate	10.40	69	2607	0.693	ug/l	98
57) 1,3-Dichloropropane	10.68	76	3503	0.817	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	3344	3.214	ug/l	90
59) 2-Hexanone	10.72	43	7445	2.850	ug/l	90
60) Dibromochloromethane	10.87	129	2512	0.865	ug/l	97
61) 1,2-Dibromoethane	10.98	107	2463	0.974	ug/l	96
64) Tetrachloroethene	10.60	164	2419	1.010	ug/l	91
65) Chlorobenzene	11.41	112	7661	1.006	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	2959	0.975	ug/l #	65
67) Ethyl Benzene	11.48	91	12203	0.908	ug/l	96
68) m/p-Xylenes	11.60	106	8117	1.647	ug/l	93
69) o-Xylene	11.92	106	3742	0.812	ug/l	94
70) Styrene	11.94	104	5962	0.736	ug/l	98
71) Bromoform	12.10	173	2022	0.806	ug/l #	94
73) Isopropylbenzene	12.22	105	8119	0.950	ug/l	99
74) N-amyl acetate	12.05	43	2731	0.819	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.48	83	4103	1.364	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	3572m	1.190	ug/l	
77) Bromobenzene	12.50	156	2685	1.232	ug/l	78
78) n-propylbenzene	12.57	91	10482	1.048	ug/l	93
79) 2-Chlorotoluene	12.65	91	6202	0.994	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	6102	0.824	ug/l	99
82) 4-Chlorotoluene	12.75	91	5448	0.845	ug/l	97
83) tert-Butylbenzene	12.97	119	5534	0.879	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	5717	0.807	ug/l	92
85) sec-Butylbenzene	13.15	105	6881	0.834	ug/l	97
86) p-Isopropyltoluene	13.26	119	5670	0.773	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	3575	0.925	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	4160m	1.070	ug/l	
89) n-Butylbenzene	13.59	91	4767	0.774	ug/l	93
90) Hexachloroethane	13.85	117	1378	0.878	ug/l	85
91) 1,2-Dichlorobenzene	13.63	146	3523	0.969	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	313	0.504	ug/l	94
93) 1,2,4-Trichlorobenzene	14.88	180	1137	0.661	ug/l #	88
94) Hexachlorobutadiene	14.98	225	1517	1.176	ug/l	89
95) Naphthalene	15.10	128	2721	0.616	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.28	180	1220	0.733	ug/l #	90

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ClientSampleId :
VSTDICC001

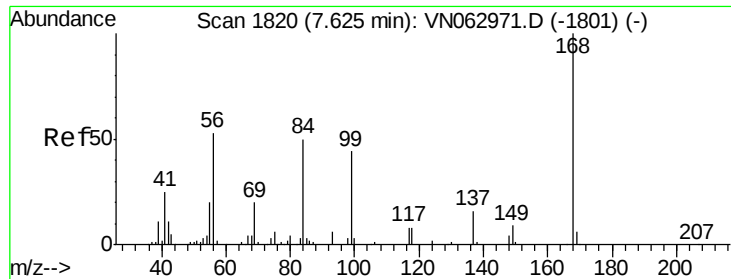
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 224088

Ion Ratio Lower Upper

168 100

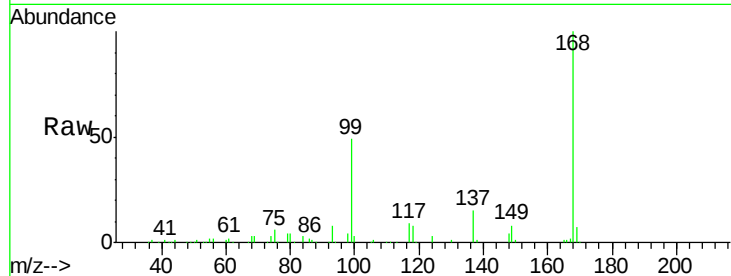
99 48.5 39.4 59.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

60000

40000

20000

0

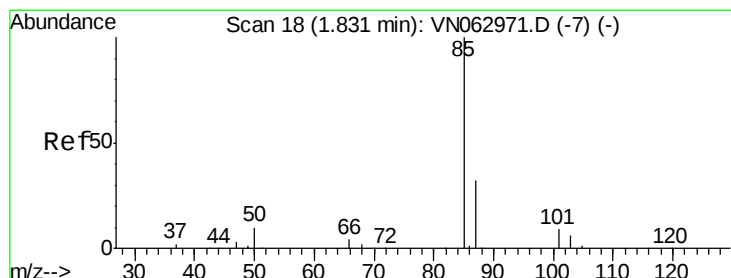
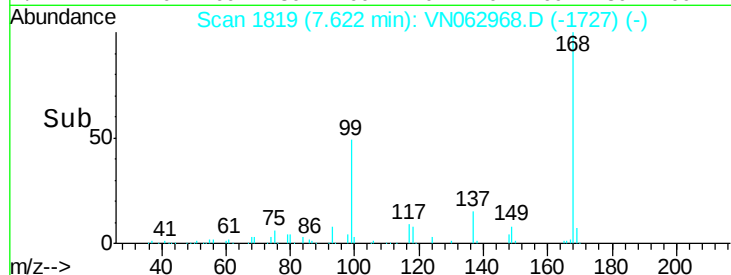
Time-->

7.50

7.60

7.70

7.80



#2

Dichlorodifluoromethane

Concen: 0.571 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062968.D

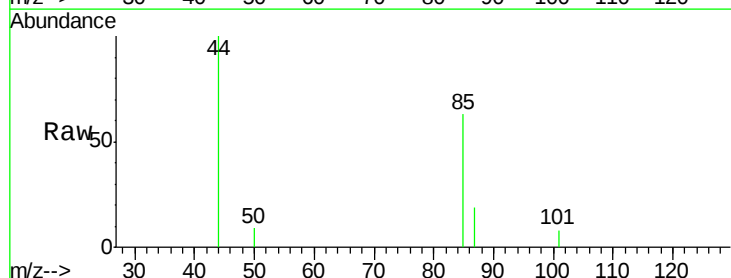
Acq: 17 Aug 2020 13:26

Tgt Ion: 85 Resp: 1769

Ion Ratio Lower Upper

85 100

87 30.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

1500

1000

500

0

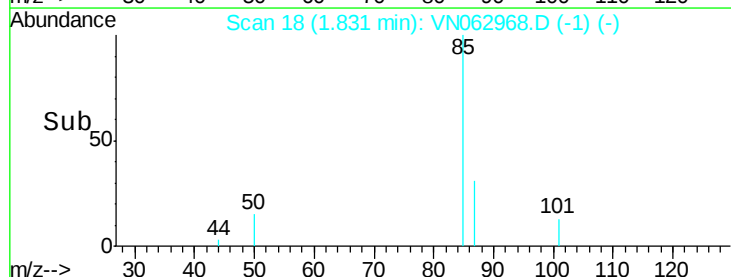
Time-->

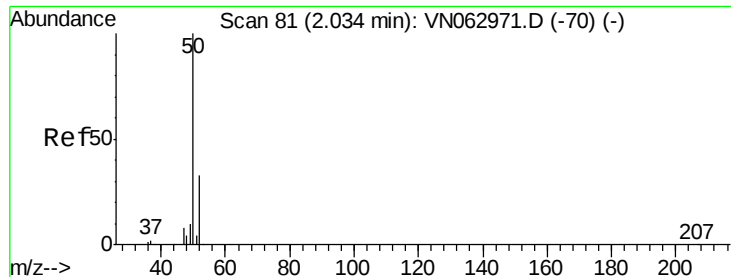
1.80

1.82

1.84

1.86





#3

Chloromethane

Concen: 0.880 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2594

Ion Ratio Lower Upper

50 100

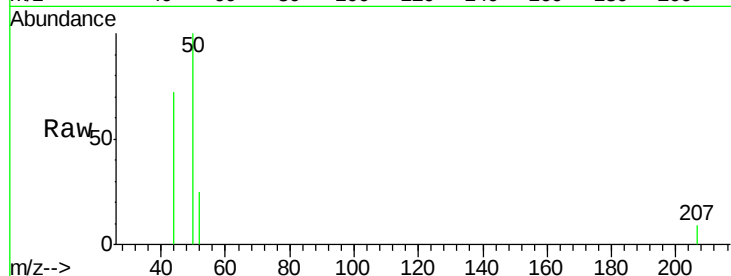
52 25.2 26.2 39.2#

Manual Integrations

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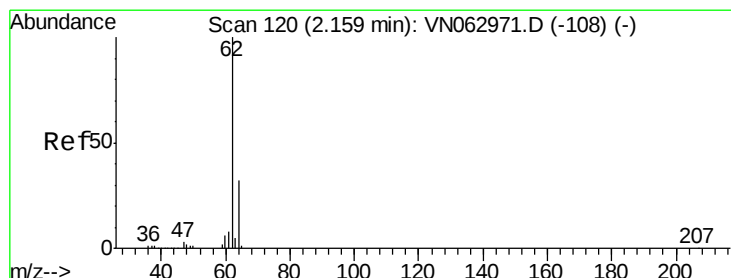
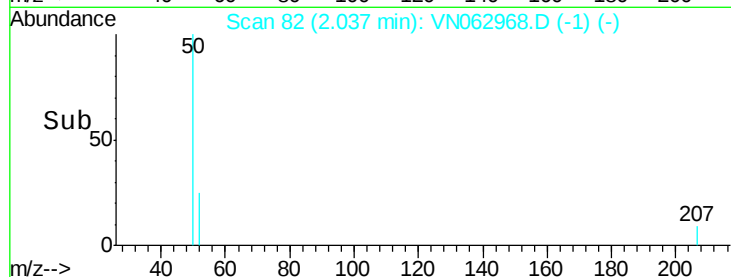
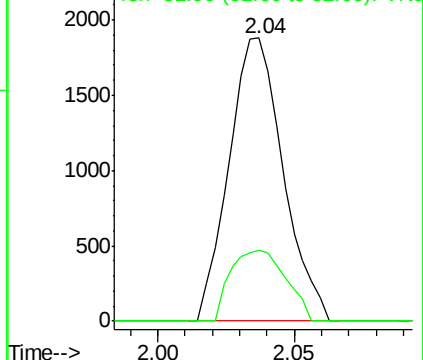
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.209 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062968.D

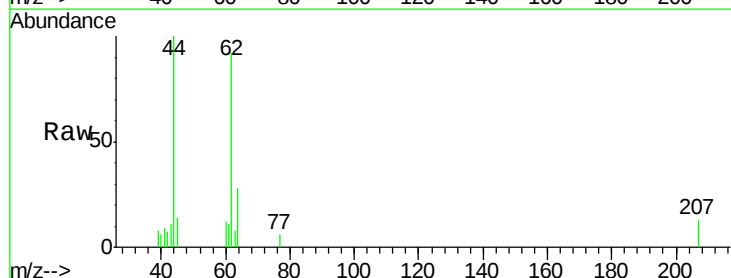
Acq: 17 Aug 2020 13:26

Tgt Ion: 62 Resp: 3524

Ion Ratio Lower Upper

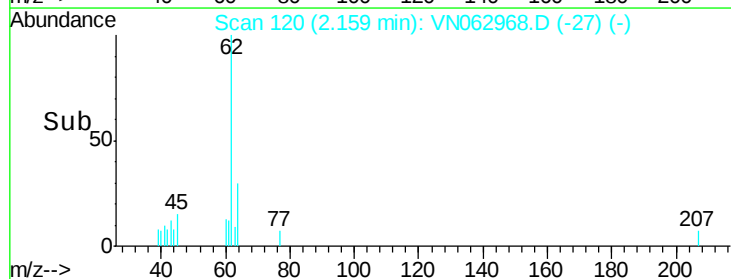
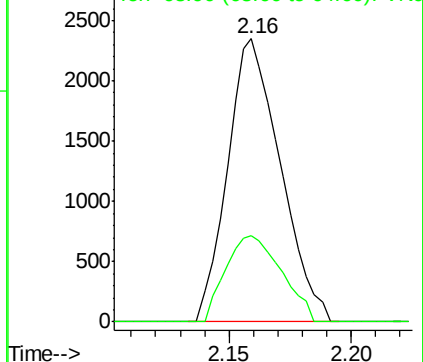
62 100

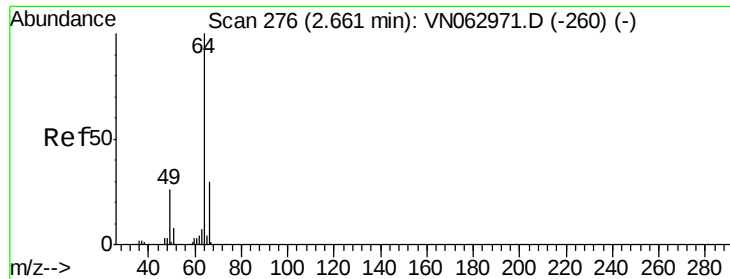
64 30.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 1.121 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2143

Ion Ratio Lower Upper

64 100

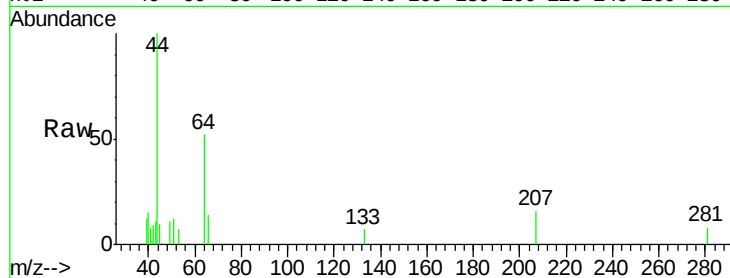
66 27.2 23.8 35.8

Manual Integrations

APPROVED

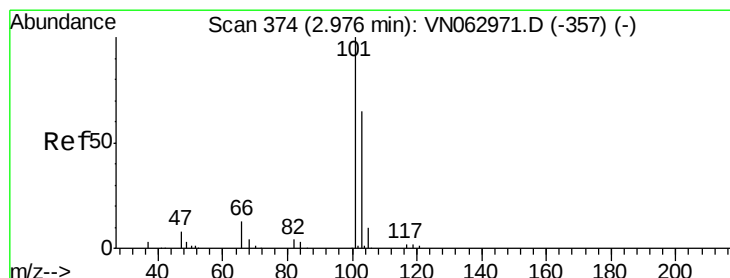
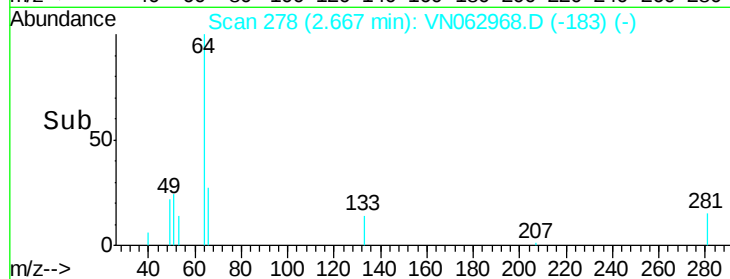
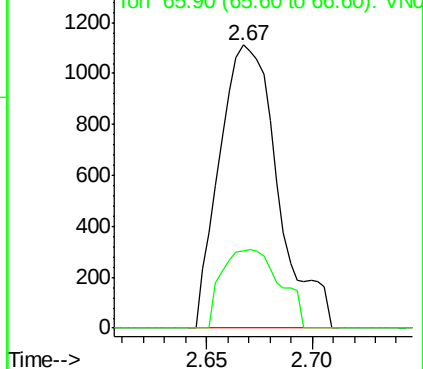
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Abundance Ion 63.90 (63.60 to 64.60): VN062971.D (-260) (-)

Ion 65.90 (65.60 to 66.60): VN062971.D (-260) (-)



#7

Trichlorofluoromethane

Concen: 0.935 ug/l

RT: 2.98 min Scan# 376

Delta R.T. 0.01 min

Lab File: VN062968.D

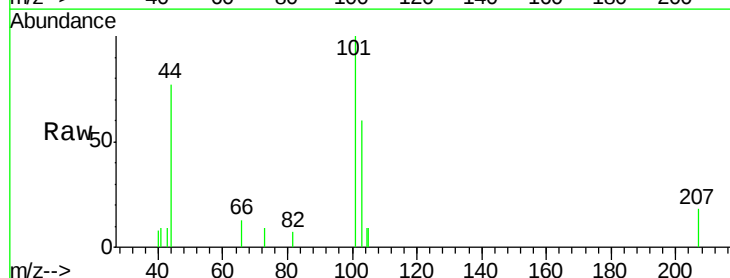
Acq: 17 Aug 2020 13:26

Tgt Ion: 101 Resp: 4642

Ion Ratio Lower Upper

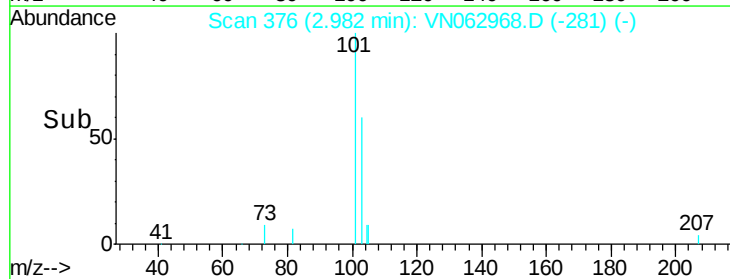
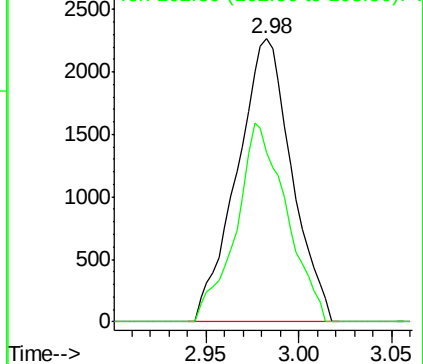
101 100

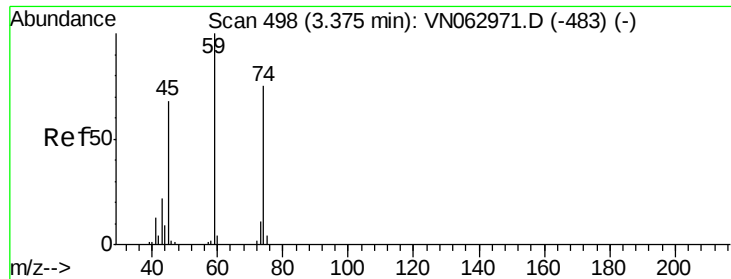
103 59.7 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): VN062971.D (-357) (-)

Ion 102.80 (102.50 to 103.50): VN062971.D (-357) (-)





#8

Diethyl Ether

Concen: 0.970 ug/l

RT: 3.37 min Scan# 497

Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1368

Ion Ratio Lower Upper

74 100

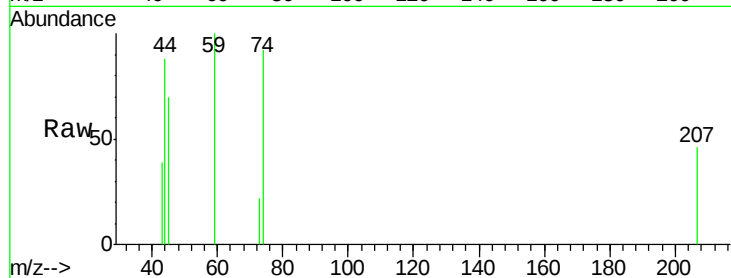
45 45.5 45.7 137.1#

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Abundance Ion 74.00 (73.70 to 74.70): VN062971.D (-483) (-)

Ion 45.00 (44.70 to 45.70): VN062971.D (-483) (-)

3.37

600

400

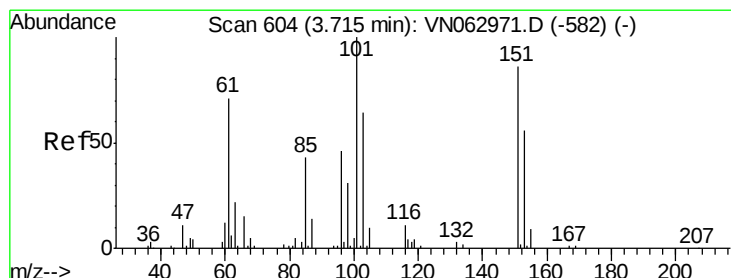
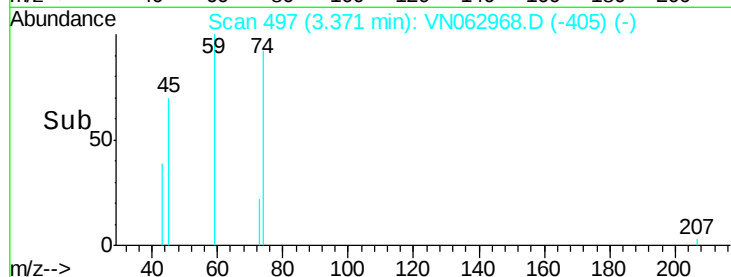
200

0

3.35

3.40

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.001 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

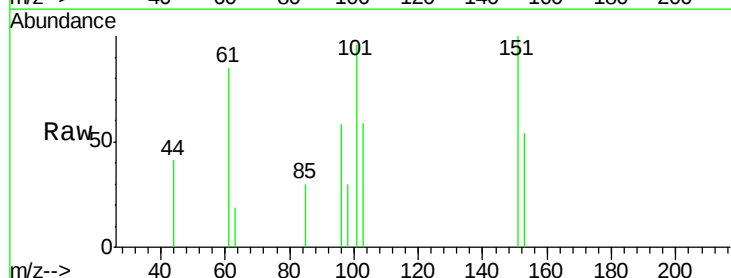
Tgt Ion: 101 Resp: 2220

Ion Ratio Lower Upper

101 100

85 14.1 34.1 51.1#

151 84.7 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): VN062971.D (-582) (-)

Ion 84.90 (84.60 to 85.60): VN062971.D (-582) (-)

Ion 150.80 (150.50 to 151.50): VN062971.D (-582) (-)

1200

1000

800

600

400

200

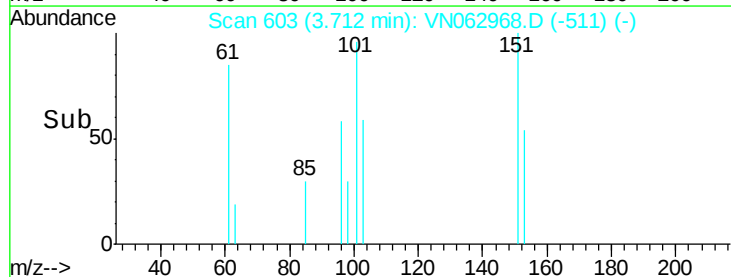
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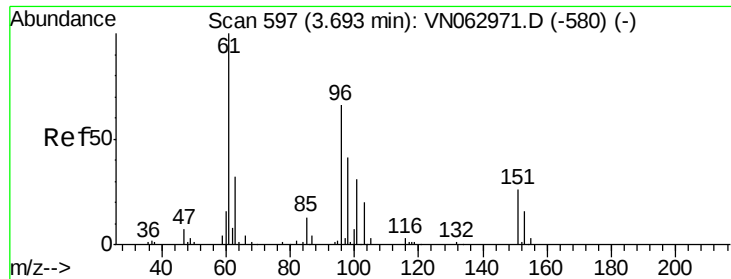
3.65

3.70

3.75

Time-->





#12

1,1-Dichloroethene

Concen: 1.036 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

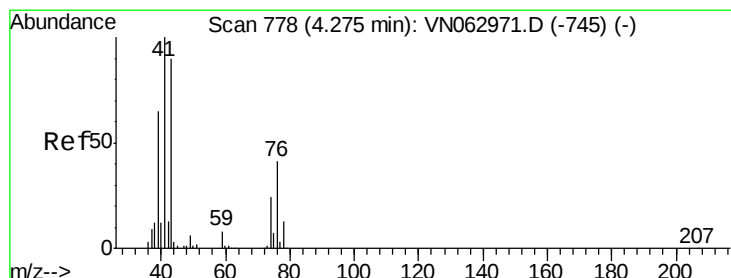
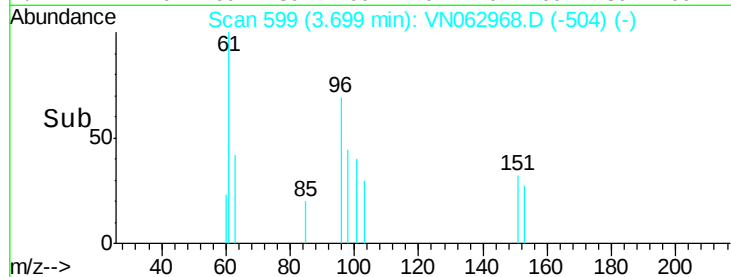
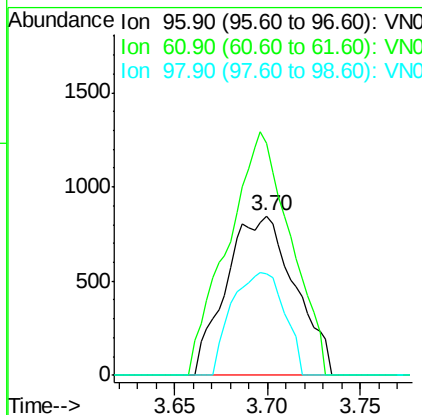
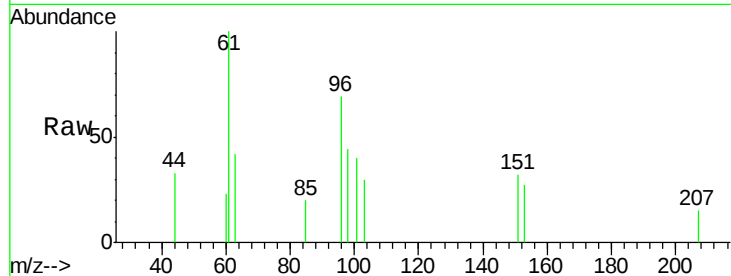
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2178
Ion	Ratio	Lower	Upper
96	100		
61	145.3	120.4	180.6
98	64.0	49.8	74.6

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#14

Allyl chloride

Concen: 0.807 ug/l

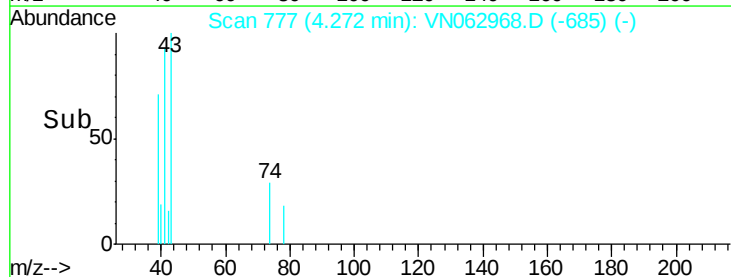
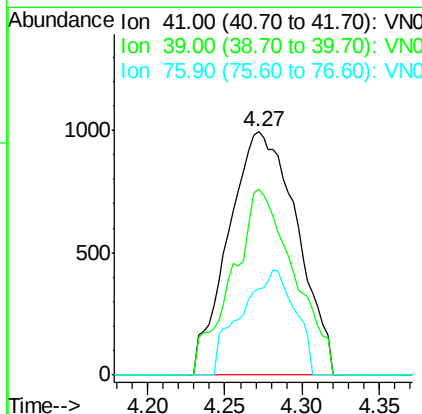
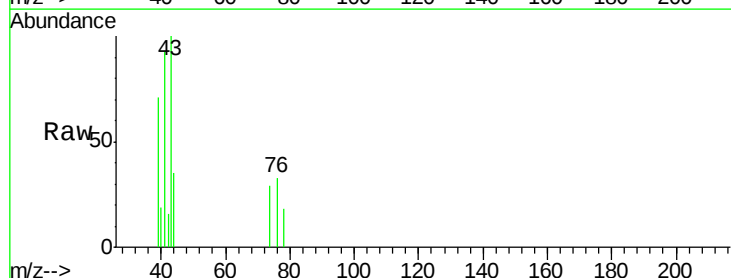
RT: 4.27 min Scan# 777

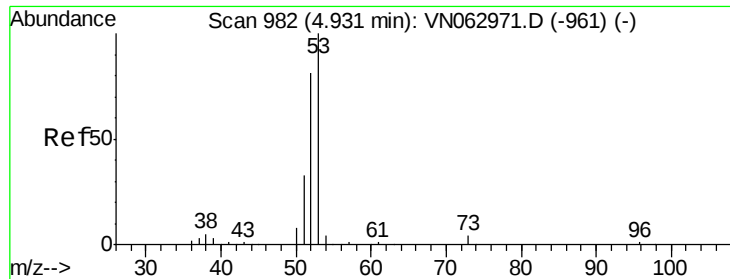
Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Tgt Ion:	41	Resp:	3057
Ion	Ratio	Lower	Upper
41	100		
39	69.1	46.7	70.1
76	34.2	30.2	45.4





#15

Acrylonitrile

Concen: 3.112 ug/l m

RT: 4.95 min Scan# 988

Delta R.T. 0.02 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

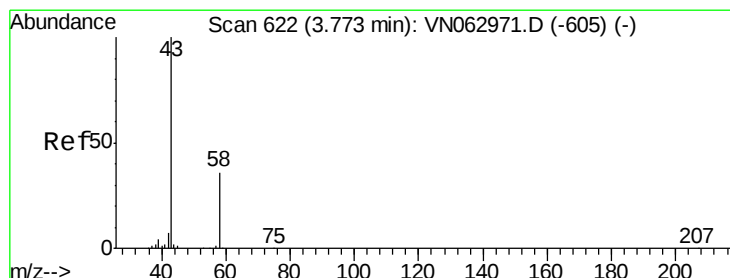
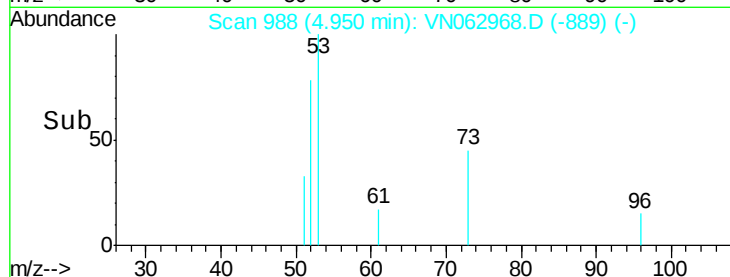
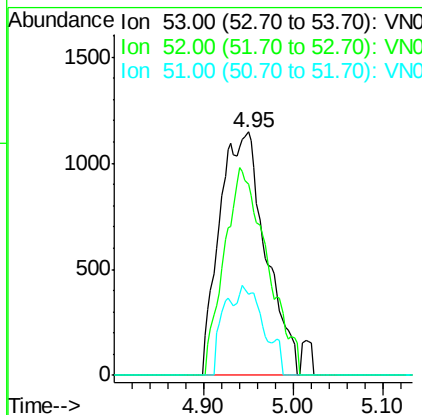
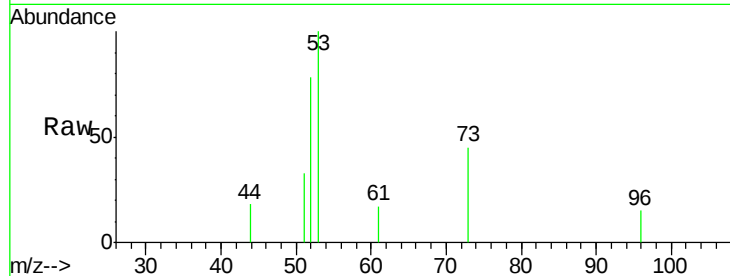
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	4212
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.0	97.6#
51	9.8	27.4	41.2#

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#16

Acetone

Concen: 3.340 ug/l

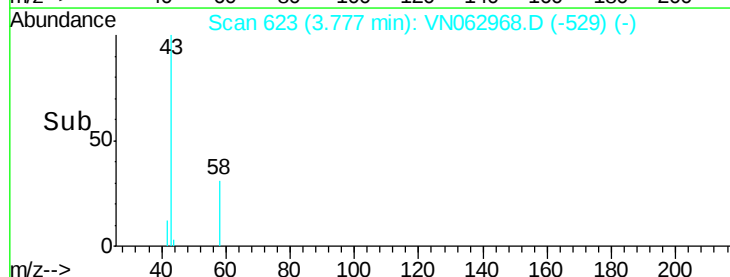
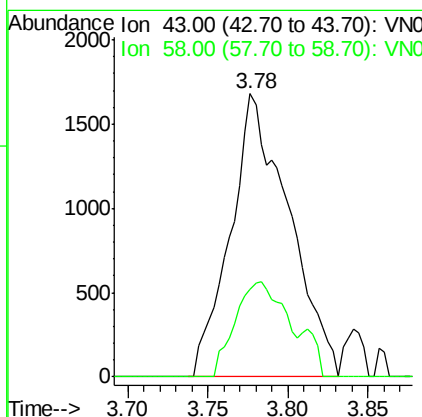
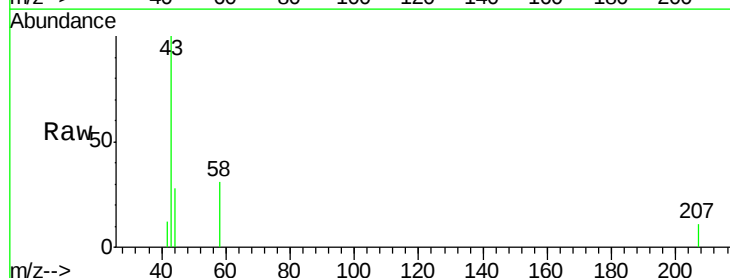
RT: 3.78 min Scan# 623

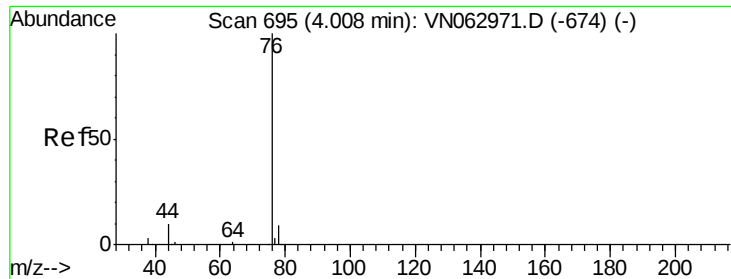
Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Tgt Ion:	43	Resp:	4210
Ion	Ratio	Lower	Upper
43	100		
58	31.1	28.7	43.1





#17

Carbon Disulfide

Concen: 1.066 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.01 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 6601

Ion Ratio Lower Upper

76 100

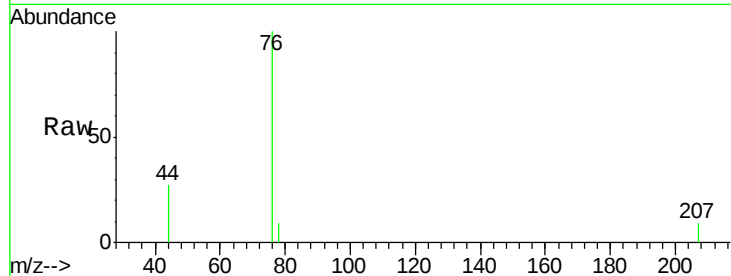
78 8.7 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VN062971.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN062971.D (-674) (-)

4.00

2500

2000

1500

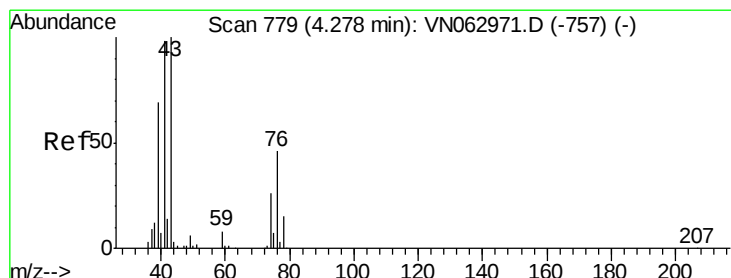
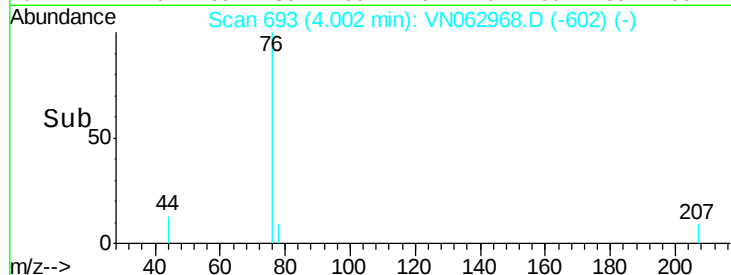
1000

500

0

3.95 4.00 4.05

Time-->



#18

Methyl Acetate

Concen: 1.141 ug/l m

RT: 4.30 min Scan# 785

Delta R.T. 0.02 min

Lab File: VN062968.D

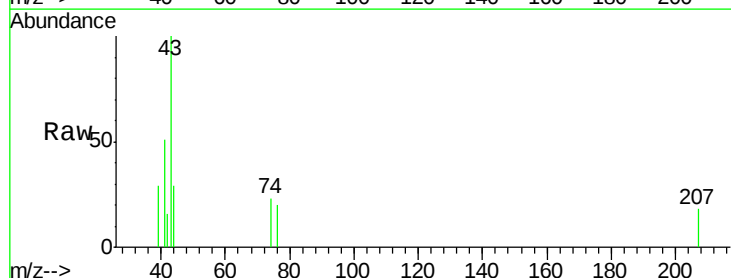
Acq: 17 Aug 2020 13:26

Tgt Ion: 43 Resp: 3875

Ion Ratio Lower Upper

43 100

74 9.0 21.6 32.4#



Abundance Ion 43.00 (42.70 to 43.70): VN062968.D (-686) (-)

Ion 74.00 (73.70 to 74.70): VN062968.D (-686) (-)

4.30

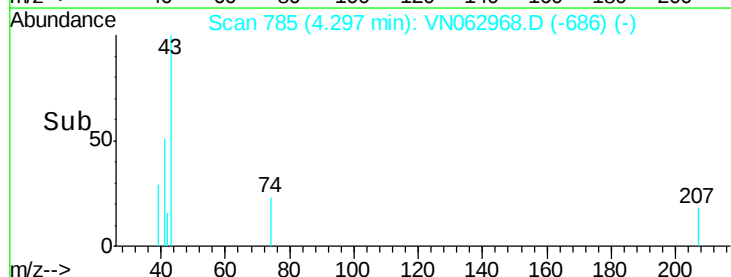
1000

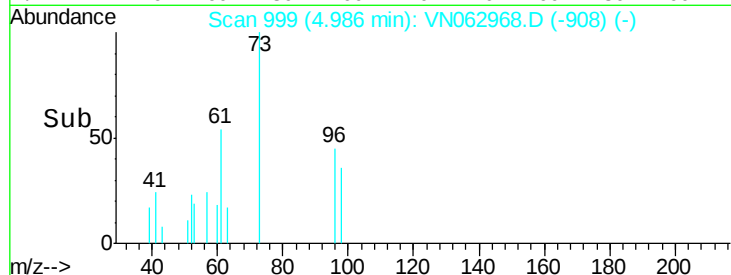
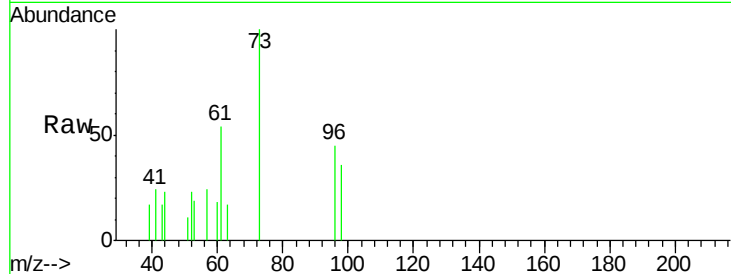
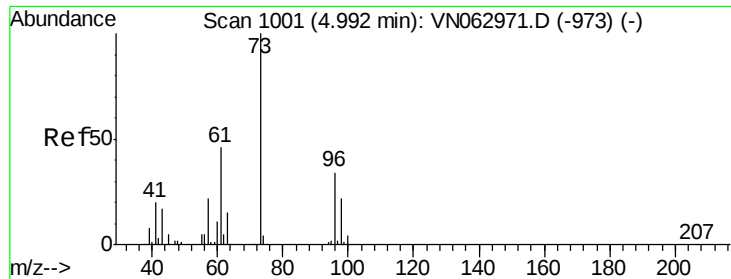
500

0

4.20 4.30 4.40

Time-->





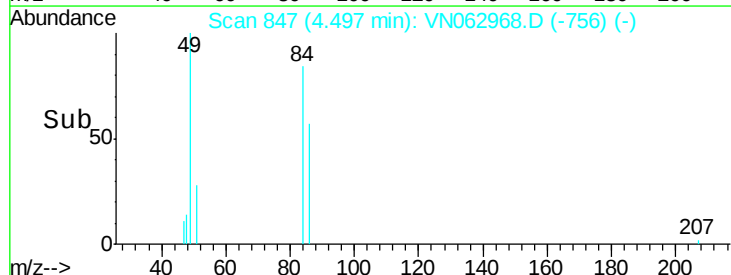
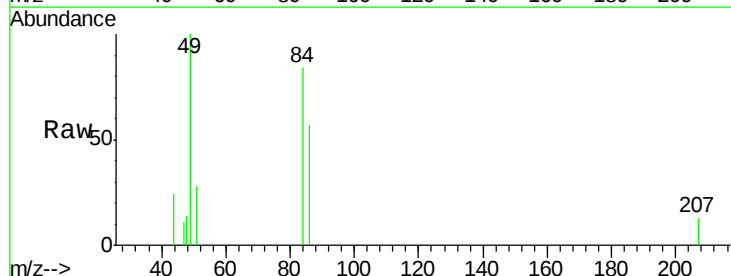
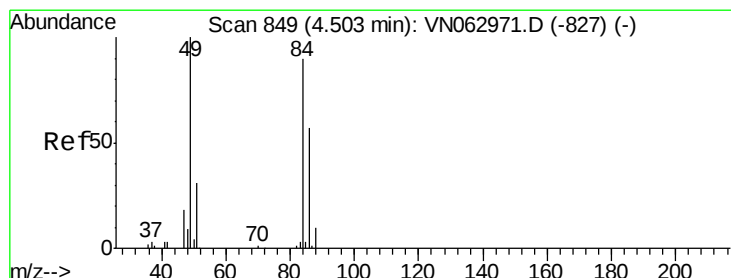
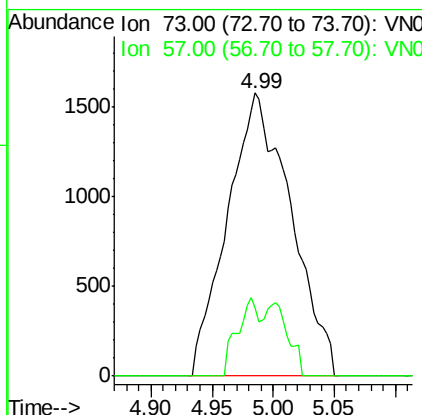
#19
Methvl tert-butvl Ether
Concen: 0.687 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tot Ion: 73 Resp: 5690
Ion Ratio Lower Upper
73 100
57 24.3 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

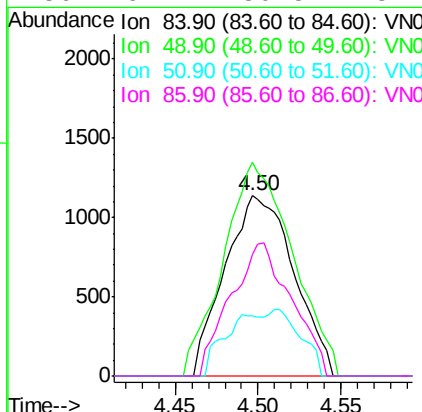
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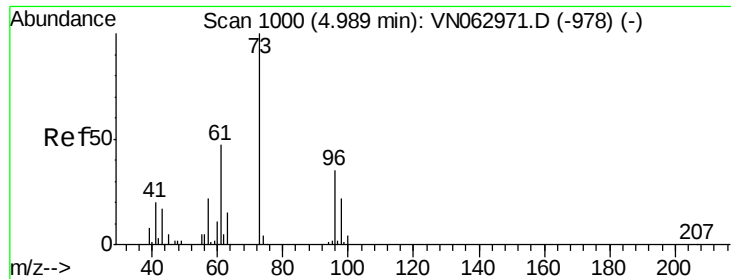
MMDadoda
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#20
Methylene Chloride
Concen: 1.228 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 84 Resp: 3298
Ion Ratio Lower Upper
84 100
49 118.3 88.8 133.2
51 33.1 27.1 40.7
86 67.4 50.5 75.7





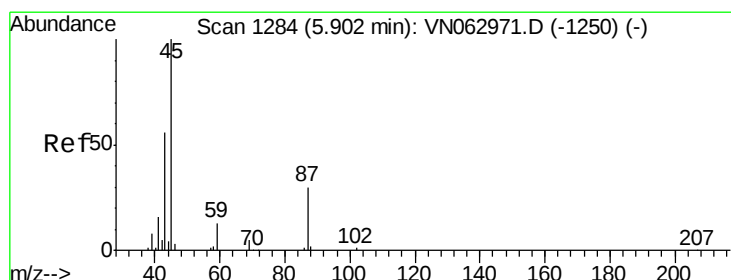
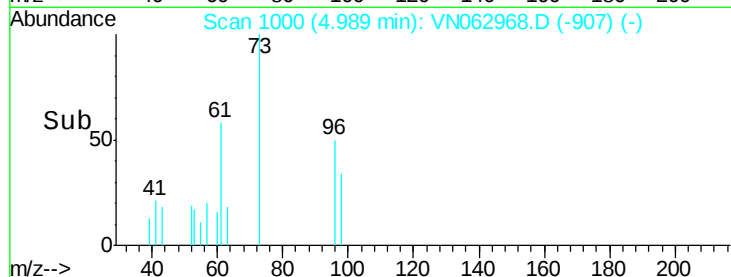
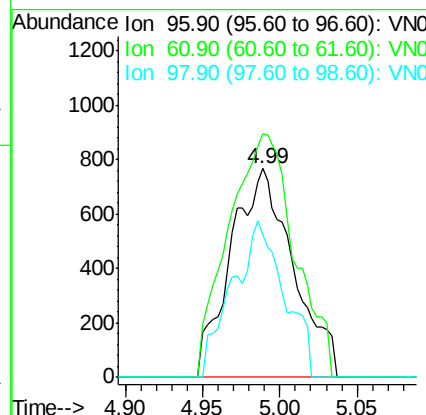
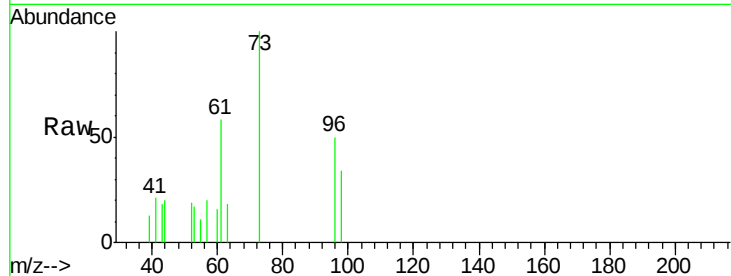
#21
trans-1,2-Dichloroethene
Concen: 0.973 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.6	107.7	161.5
98	67.9	51.0	76.4

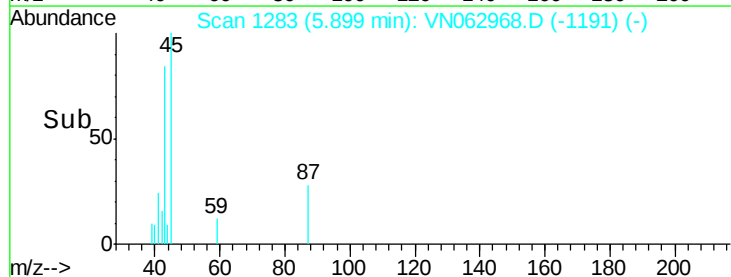
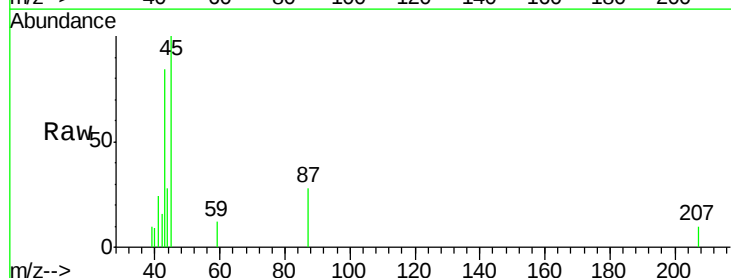
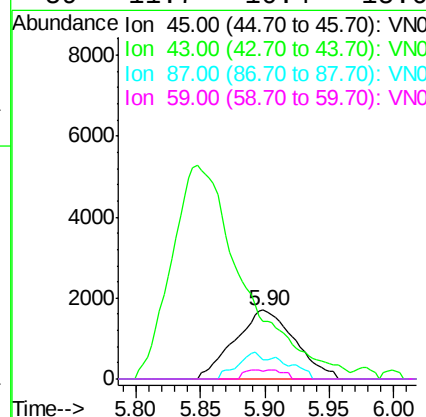
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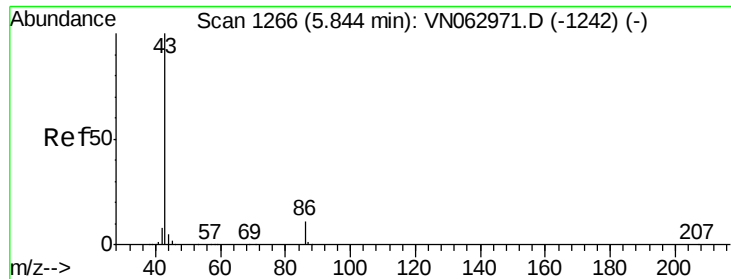
MMDadoda
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#22
Diisopropyl ether
Concen: 0.691 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.7	47.1	70.7
87	28.2	24.3	36.5
59	11.7	10.4	15.6





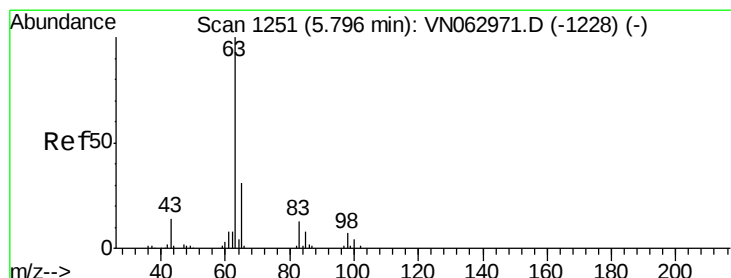
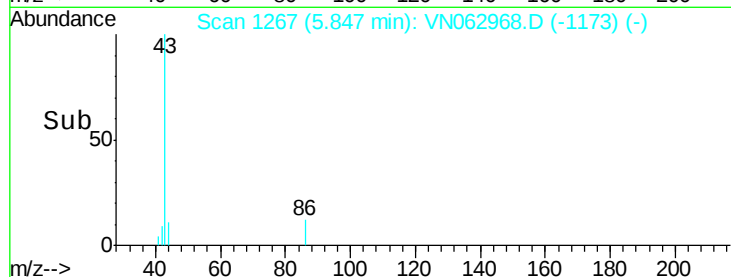
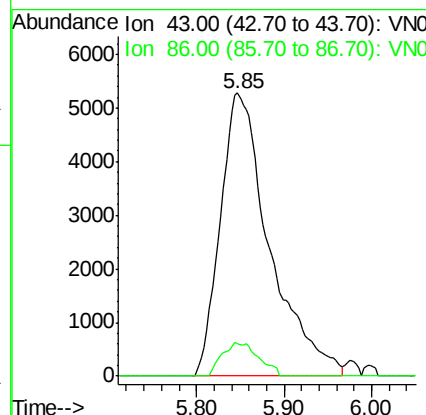
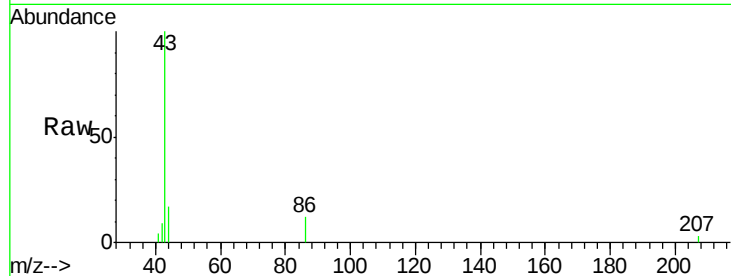
#23
 Vinyl Acetate
 Concen: 3.395 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.6	9.1	13.7

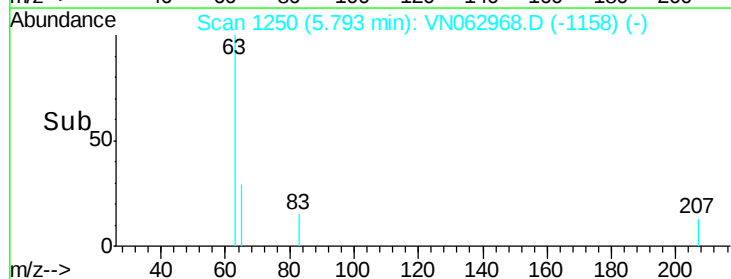
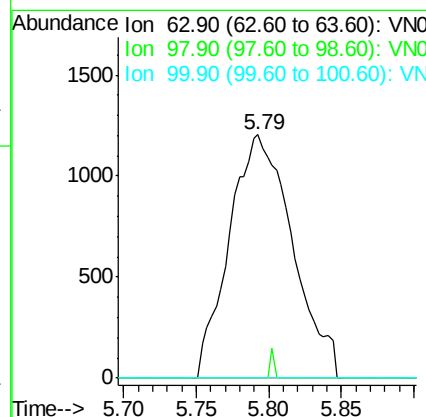
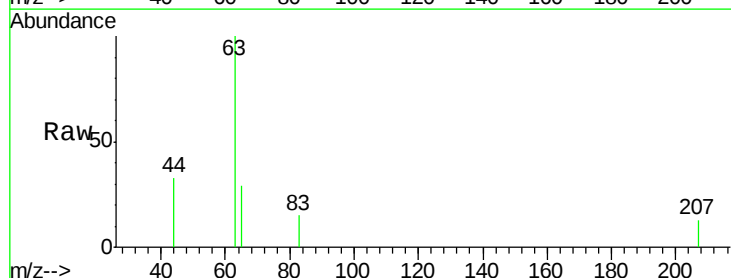
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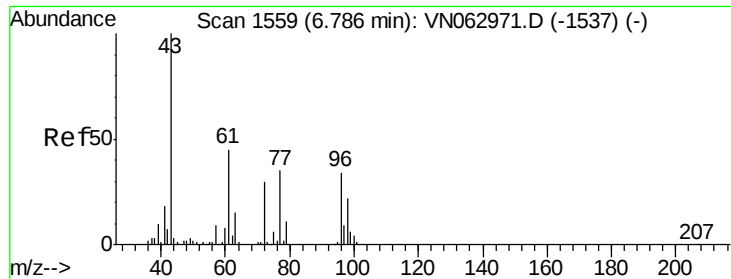
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 0.771 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	0.0	2.0	6.0#





#25

2-Butanone

Concen: 3.356 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.02 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 5960

Ion Ratio Lower Upper

43 100

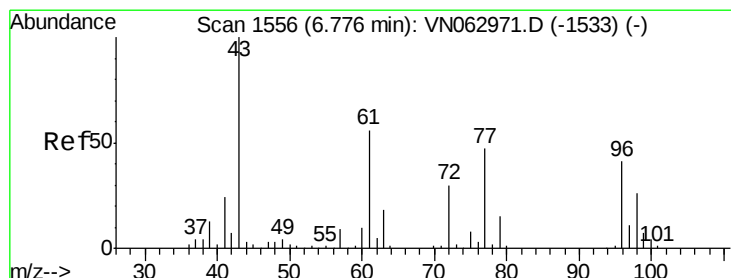
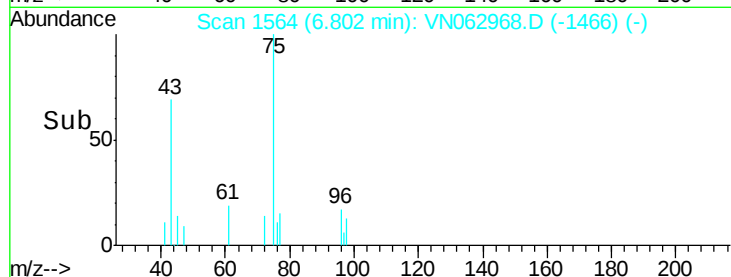
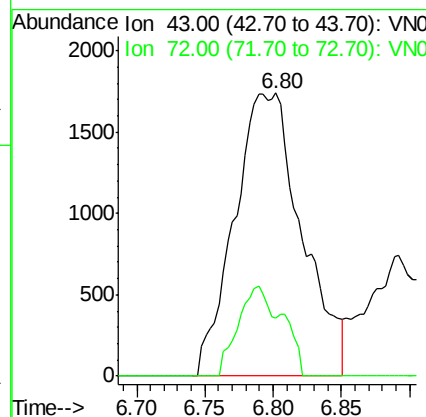
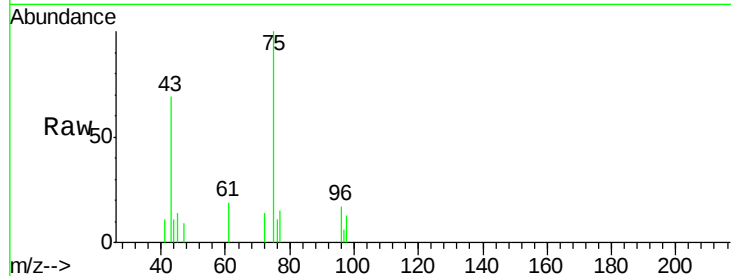
72 20.4 23.9 35.9#

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#26

2,2-Dichloropropane

Concen: 0.837 ug/l m

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062968.D

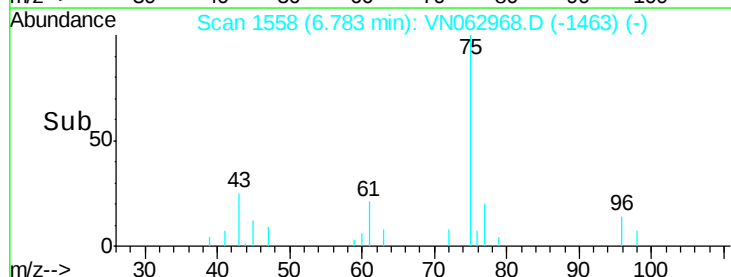
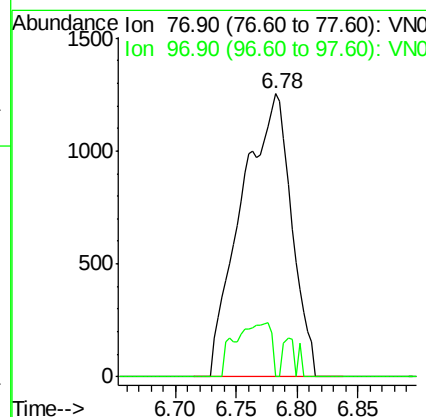
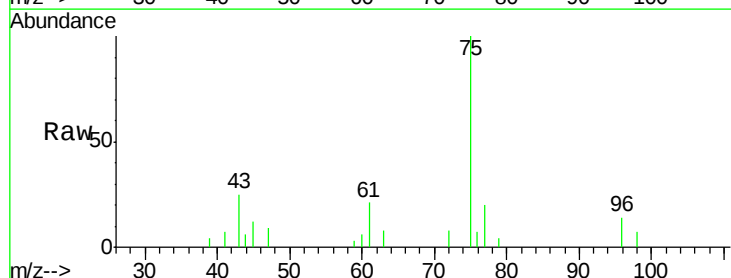
Acq: 17 Aug 2020 13:26

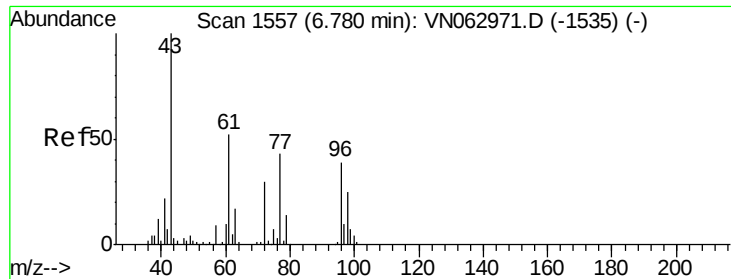
Tgt Ion: 77 Resp: 3570

Ion Ratio Lower Upper

77 100

97 10.6 12.0 36.1#





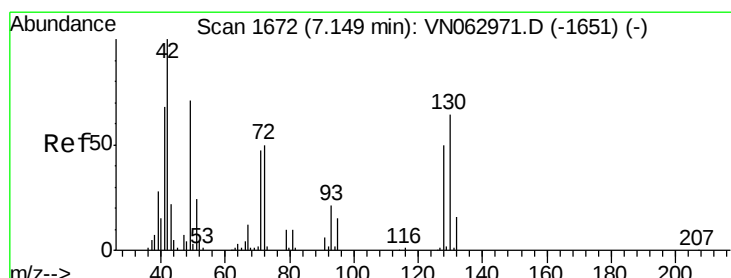
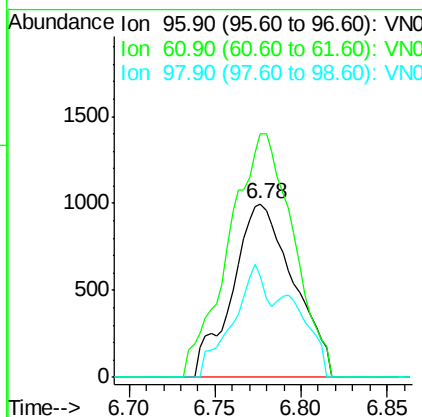
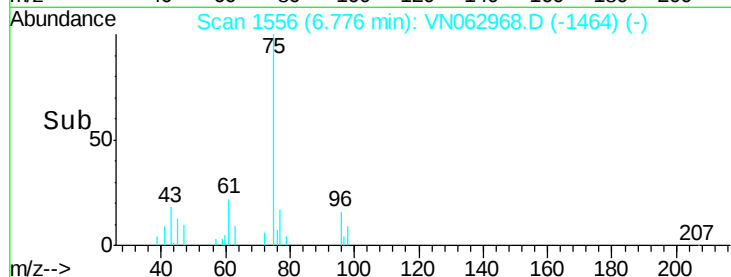
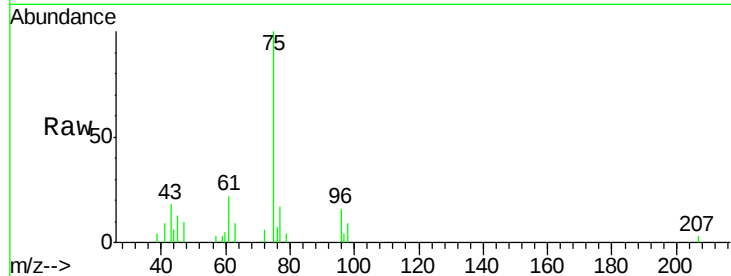
#27
 cis-1,2-Dichloroethene
 Concen: 0.937 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	270.4
98	37.3	0.0	128.2

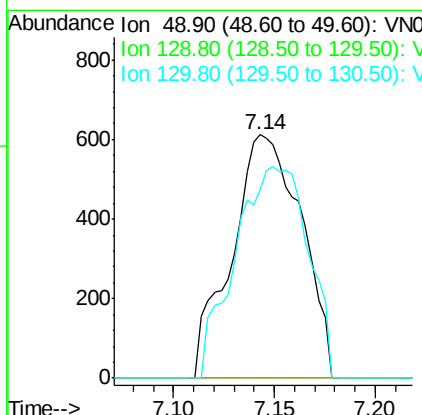
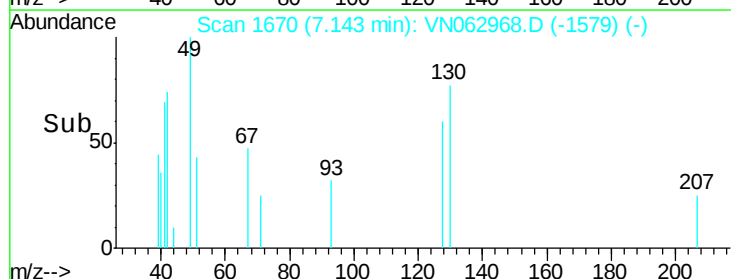
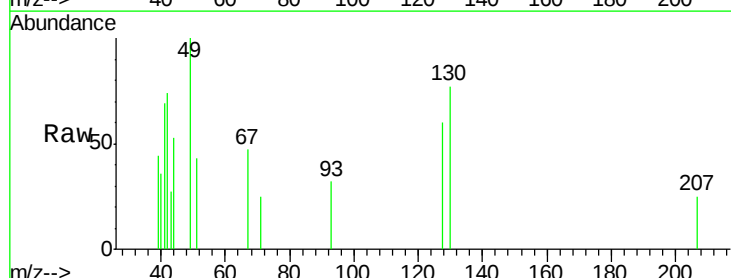
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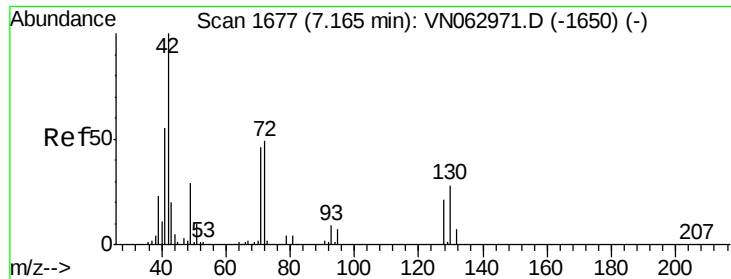
MMDadoda
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#28
 Bromochloromethane
 Concen: 0.641 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	90.9	73.5	110.3





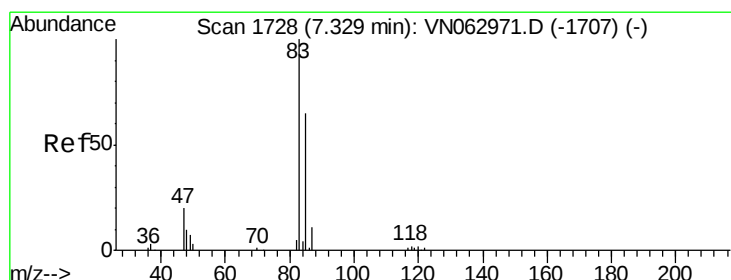
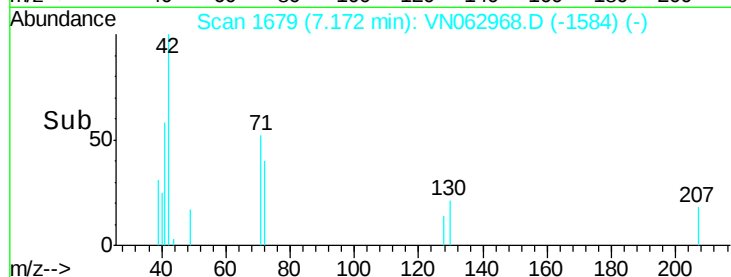
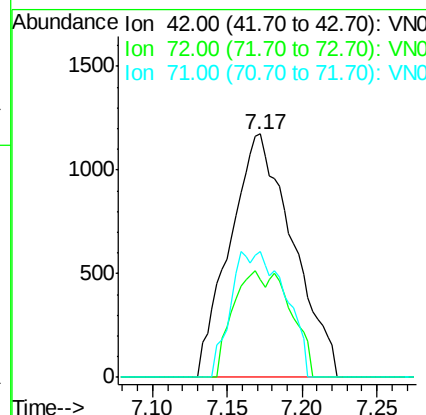
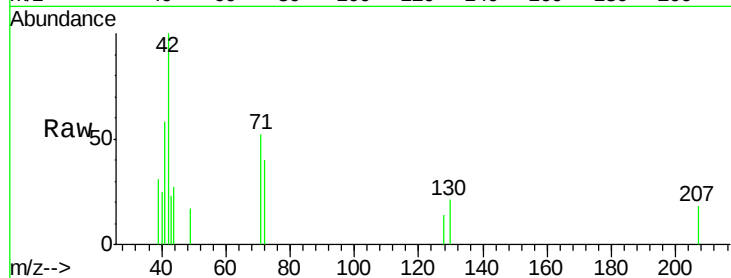
#29
Tetrahydrofuran
Concen: 2.959 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	22.3	39.4	59.2#
71	17.8	37.2	55.8#

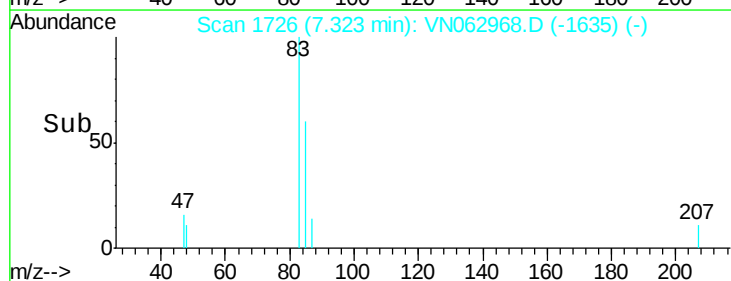
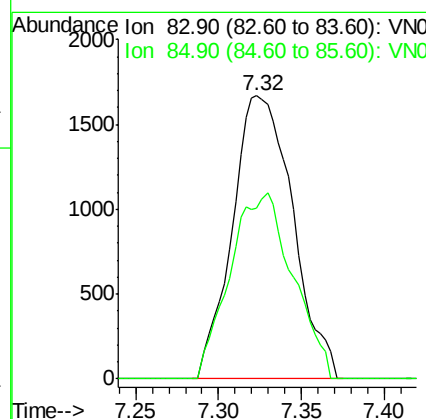
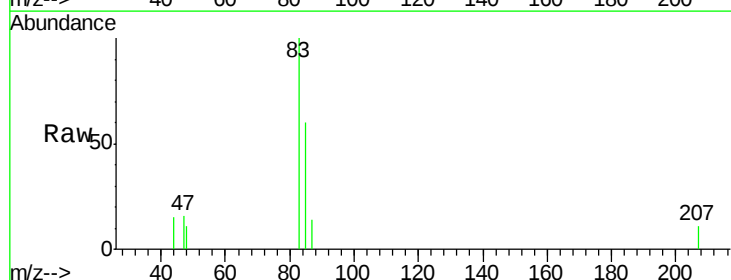
Manual Integrations
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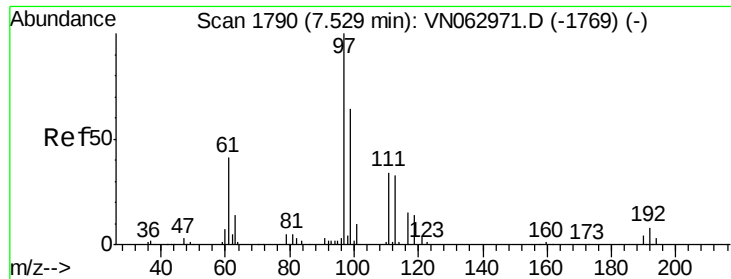
MMDadoda
8/18/2020 11:12:44 AM



#30
Chloroform
Concen: 0.851 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.2	78.4





#32

1,1,1-Trichloroethane

Concen: 0.777 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

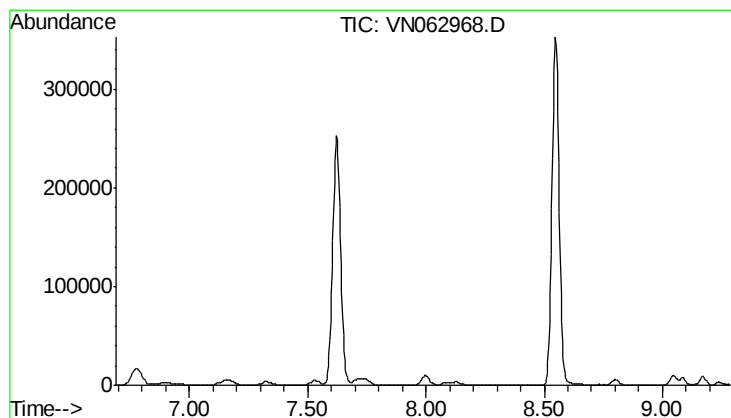
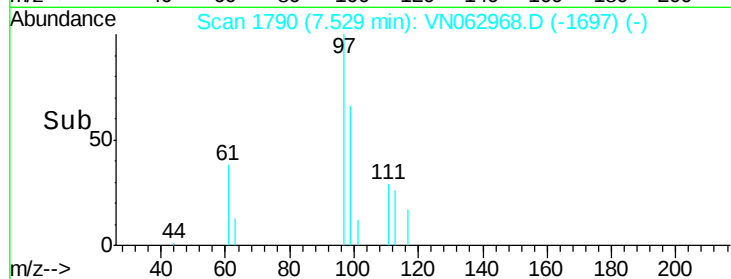
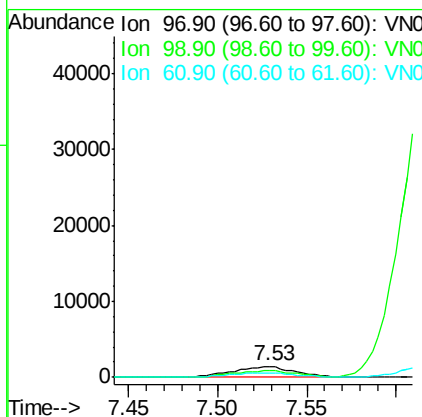
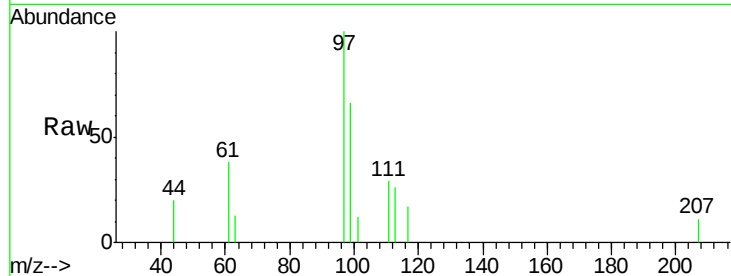
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	3418
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.4#
61	40.2	33.5	50.3

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN062968.D

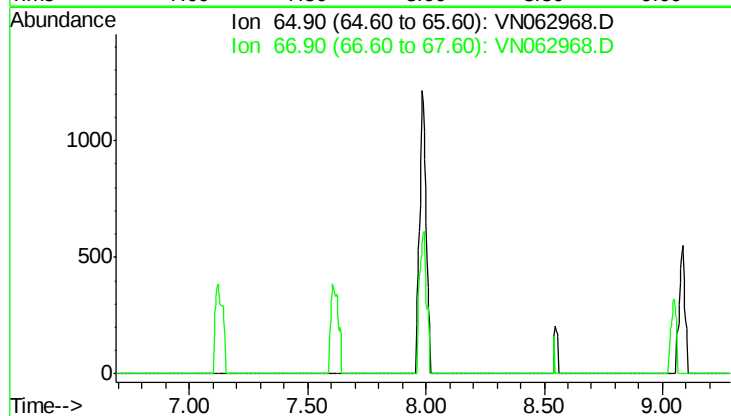
Acq: 17 Aug 2020 13:26

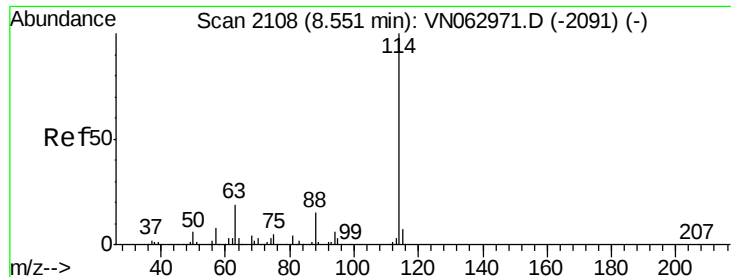
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.3





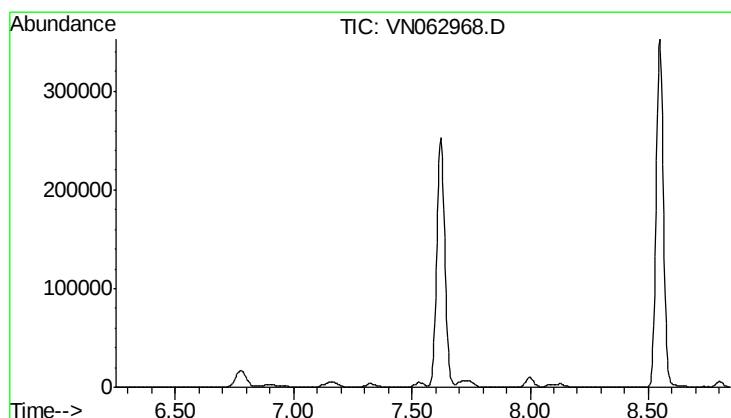
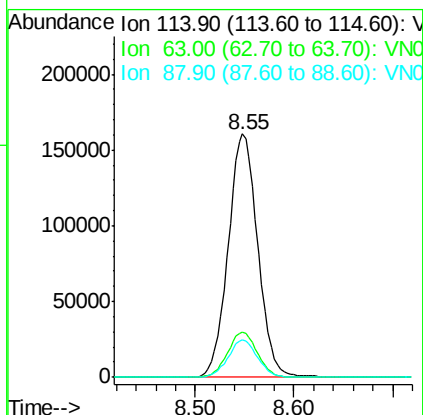
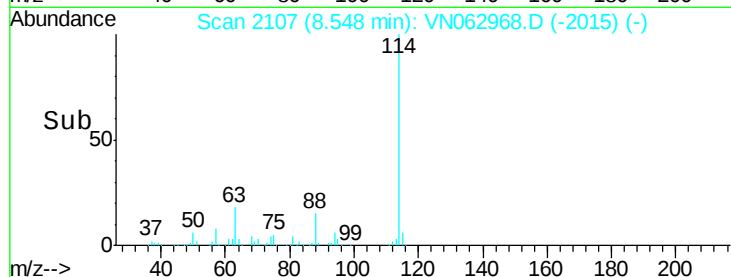
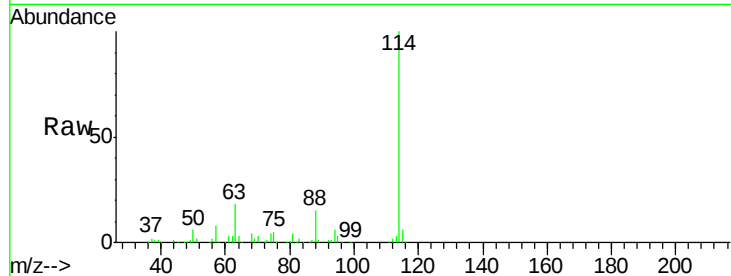
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.3	0.0	37.6
88	15.4	0.0	31.0

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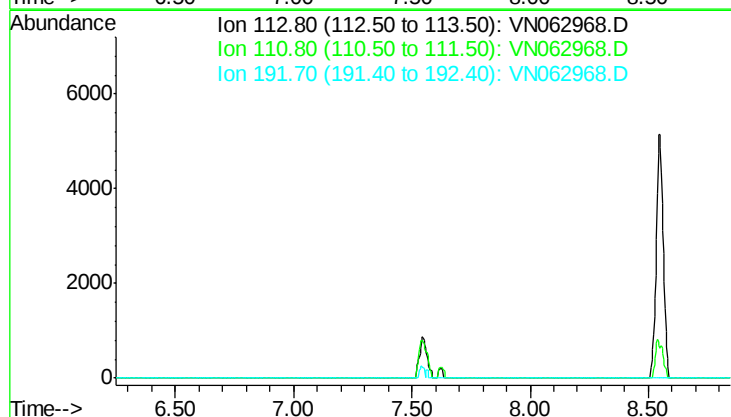
MMDadoda
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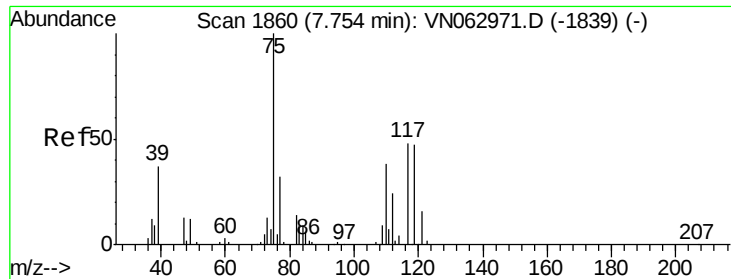


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.55 min

Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Exp Ratio
113	100
111	101.7
192	24.0





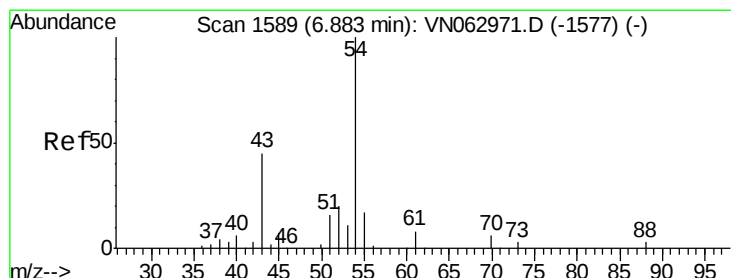
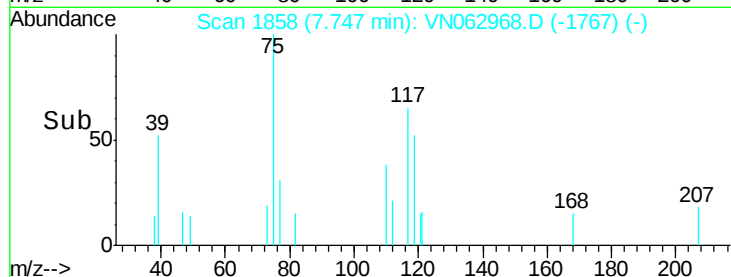
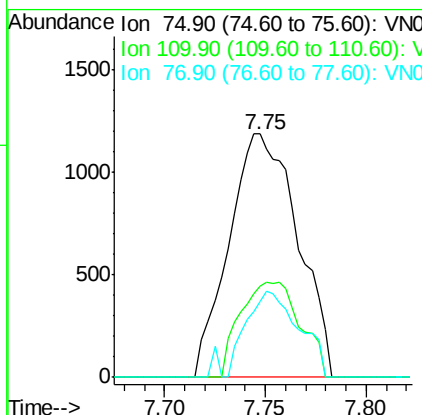
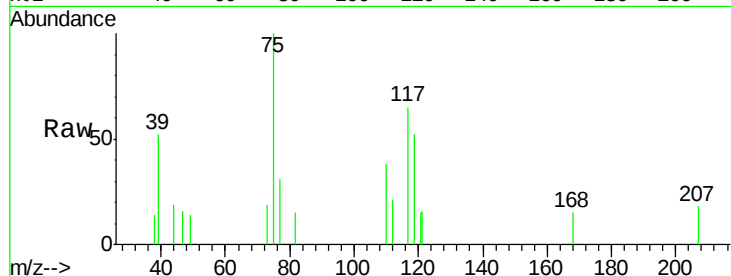
#36
 1,1-Dichloropropene
 Concen: 0.882 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.3	18.7	56.1
77	27.4	25.6	38.4

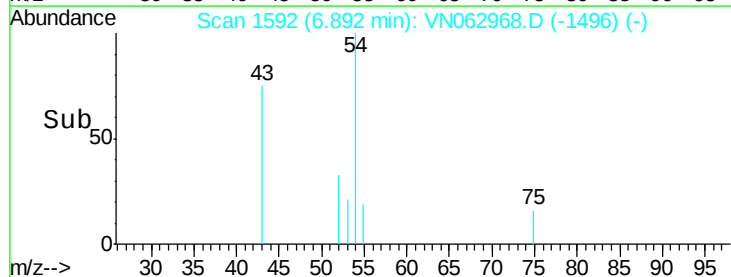
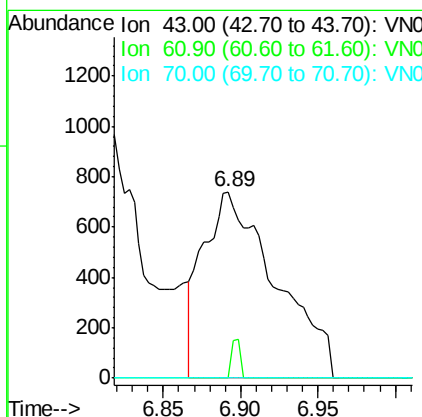
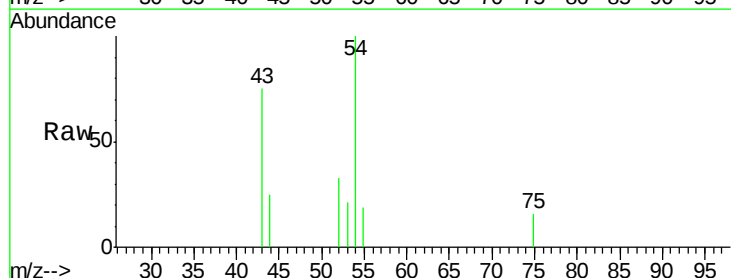
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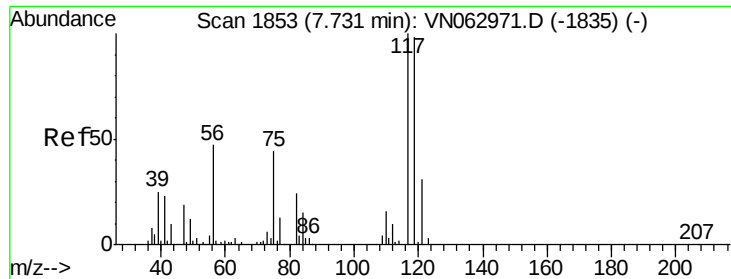
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#37
 Ethyl Acetate
 Concen: 0.739 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.4	18.6#
70	0.0	9.9	14.9#





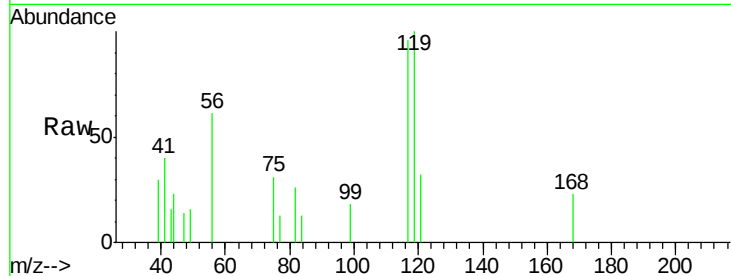
#38
Carbon Tetrachloride
Concen: 0.832 ug/l
RT: 7.72 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

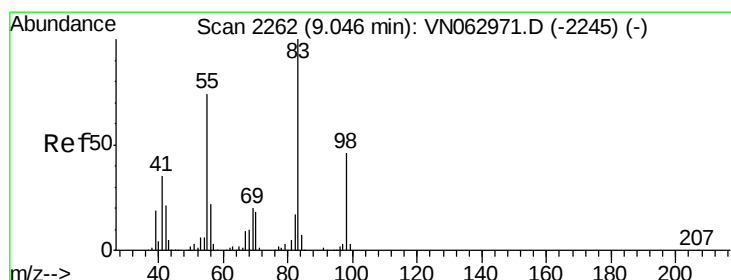
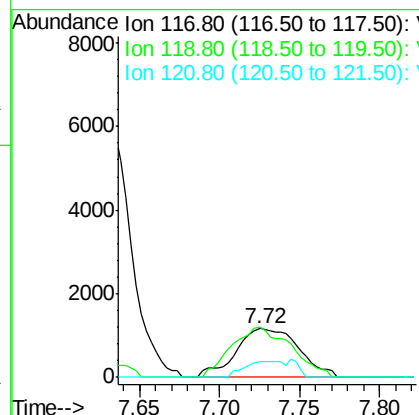
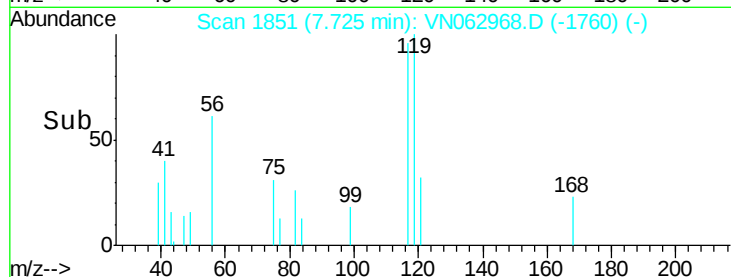
Tot Ion	Ratio	Lower	Upper
117	100		
119	104.4	77.9	116.9
121	33.2	24.8	37.2

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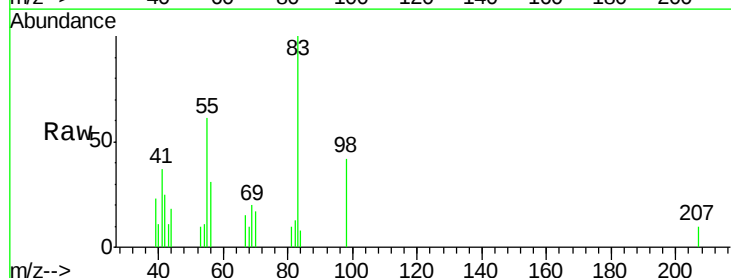


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

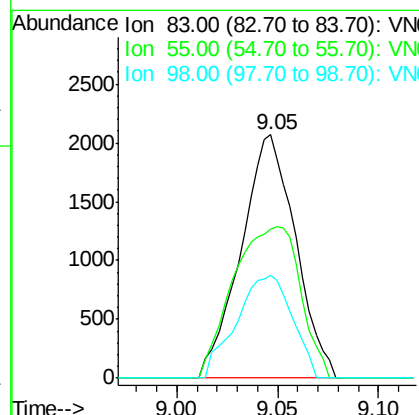
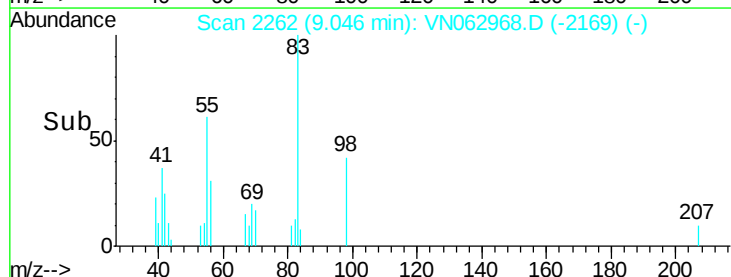


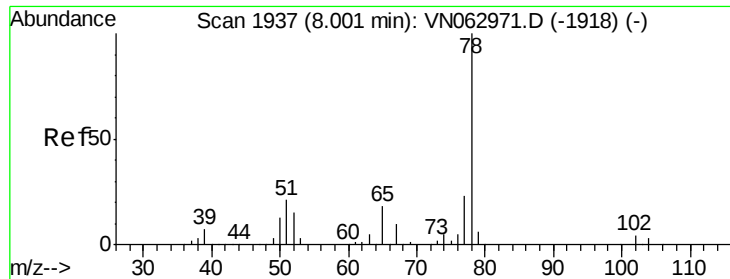
#39
Methylcyclohexane
Concen: 0.995 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.0	59.0	88.6
98	42.1	36.8	55.2



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





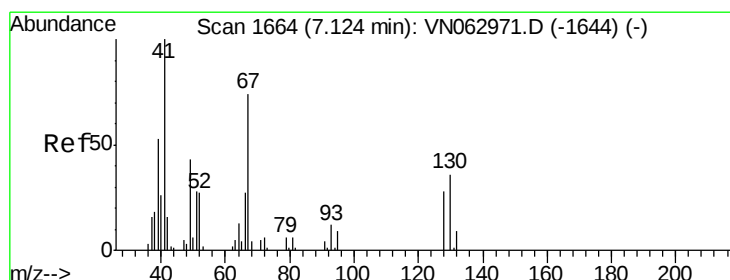
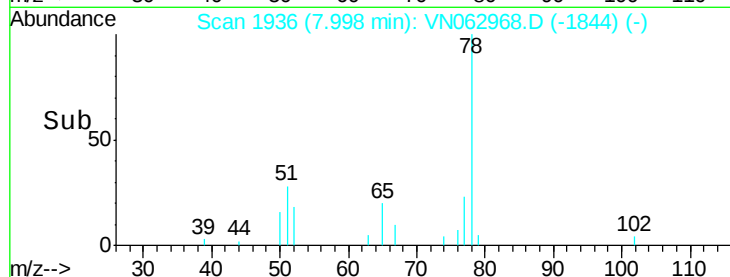
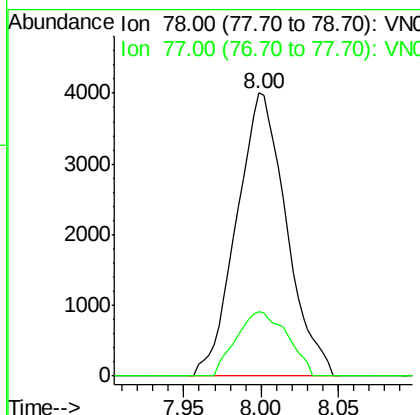
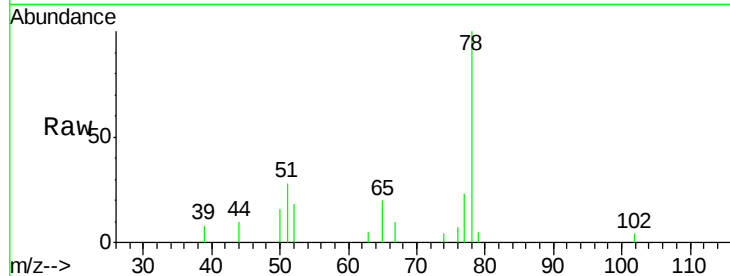
#40
Benzene
Concen: 0.926 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 8972
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

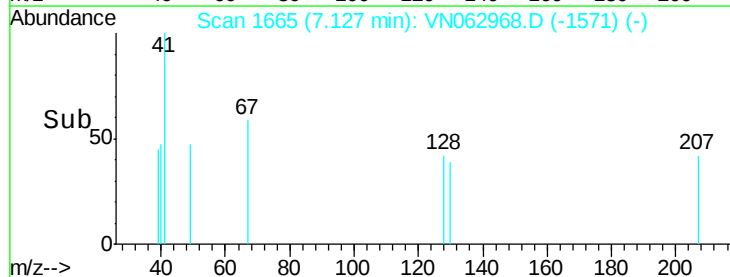
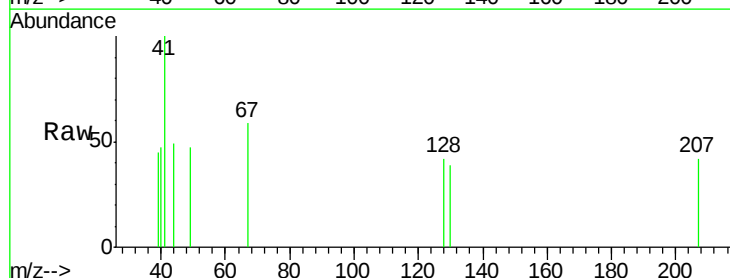
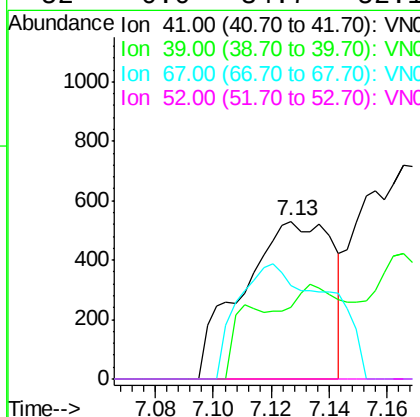
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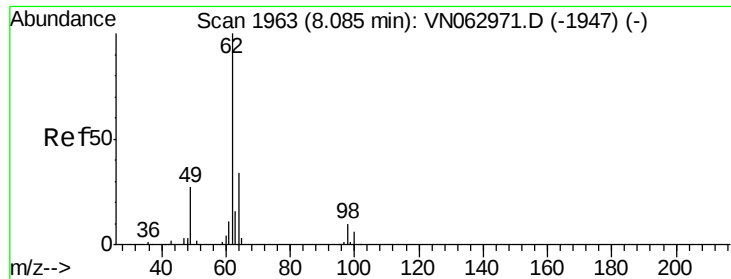
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#41
Methacrylonitrile
Concen: 0.793 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 41 Resp: 1144
Ion Ratio Lower Upper
41 100
39 16.2 58.6 88.0#
67 73.7 90.1 135.1#
52 0.0 34.7 52.1#





#42

1,2-Dichloroethane

Concen: 0.779 ug/l

RT: 8.09 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 3083

Ion Ratio Lower Upper

62 100

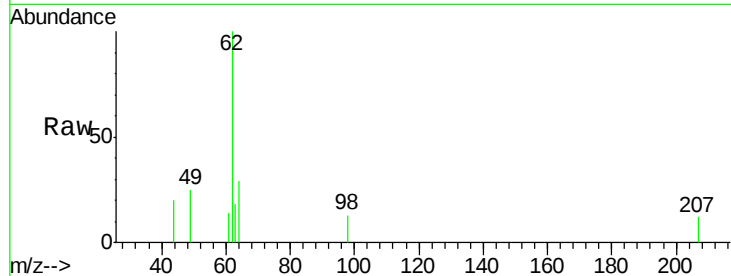
98 3.6 0.0 20.8

Manual Integrations

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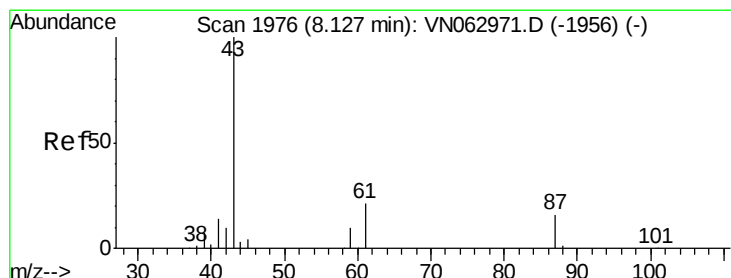
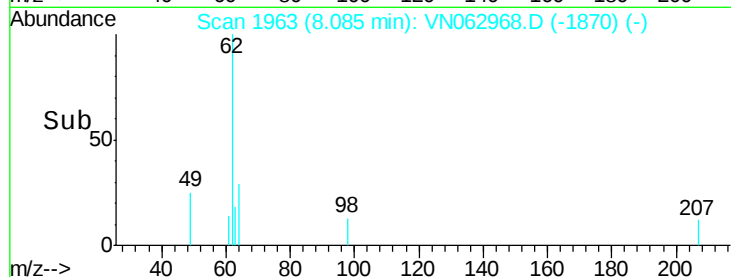
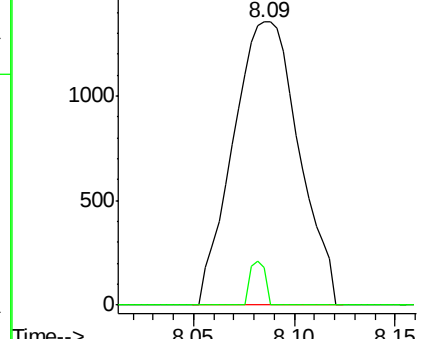
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Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#43

Isopropyl Acetate

Concen: 0.636 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

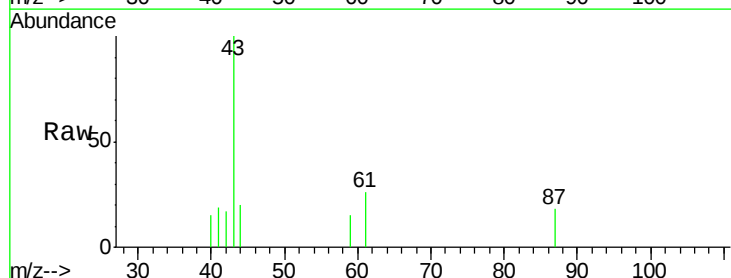
Tgt Ion: 43 Resp: 3464

Ion Ratio Lower Upper

43 100

61 19.9 24.6 36.8#

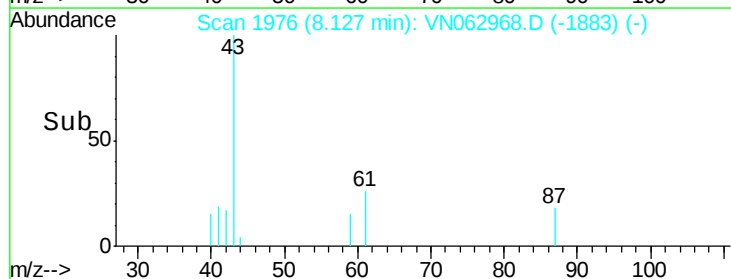
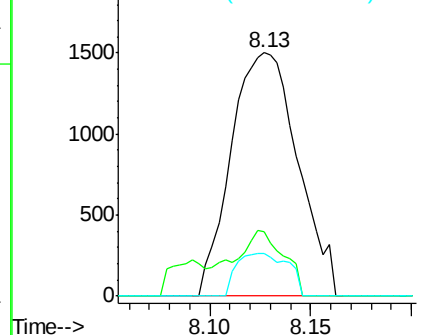
87 13.6 12.4 18.6

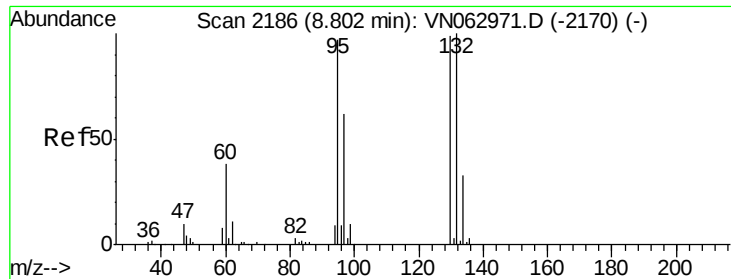


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 1.087 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2608

Ion Ratio Lower Upper

130 100

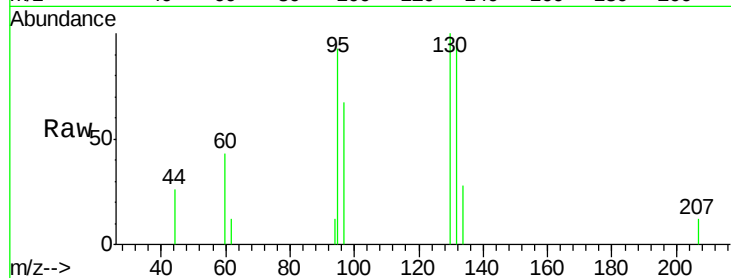
95 93.5 0.0 194.2

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

1500

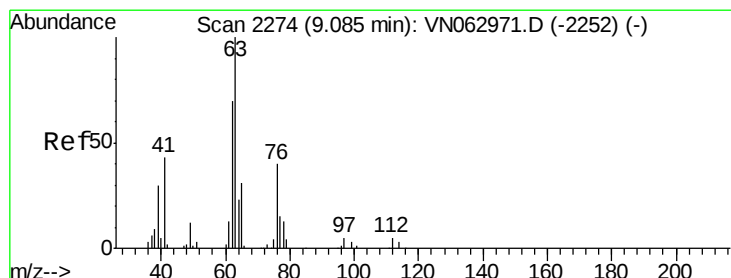
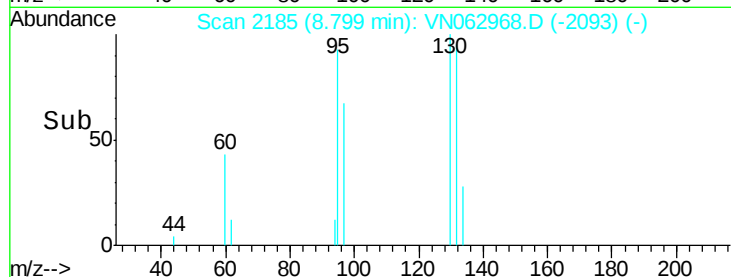
1000

500

0

8.75 8.80 8.85

Time-->



#45

1,2-Dichloropropane

Concen: 1.158 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062968.D

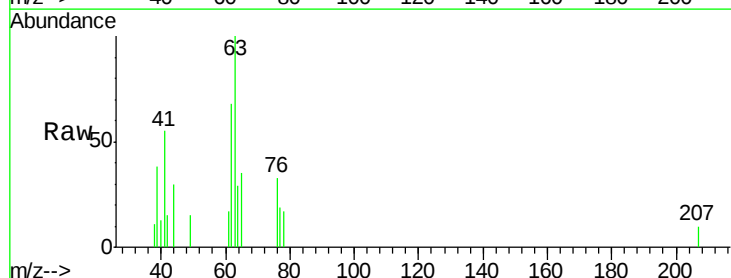
Acq: 17 Aug 2020 13:26

Tgt Ion: 63 Resp: 3011

Ion Ratio Lower Upper

63 100

65 35.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

1500

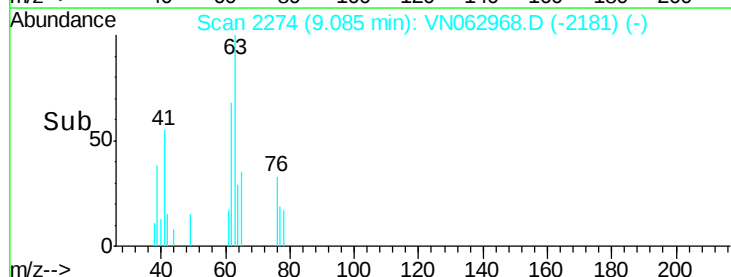
1000

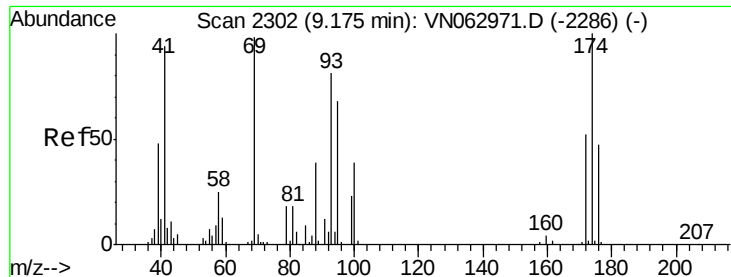
500

0

9.05 9.10

Time-->





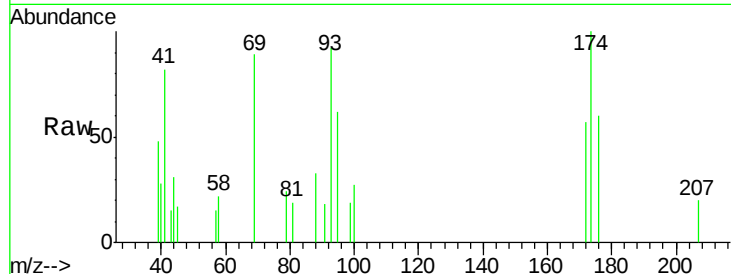
#46
Dibromomethane
Concen: 0.946 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

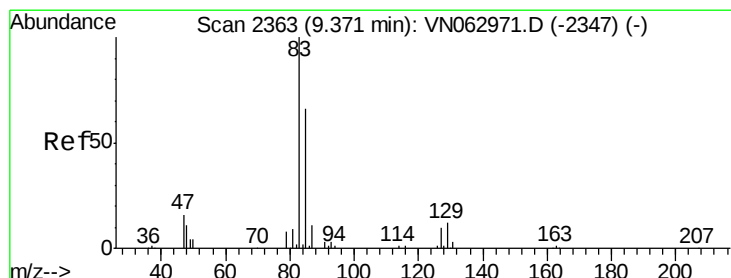
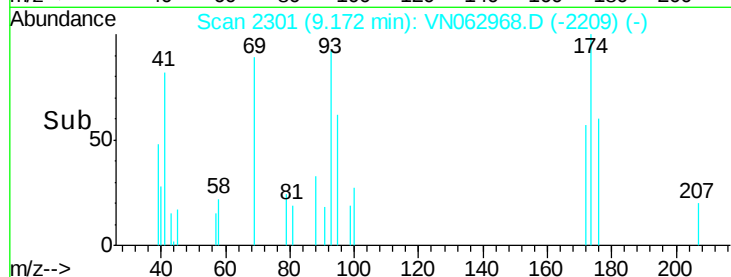
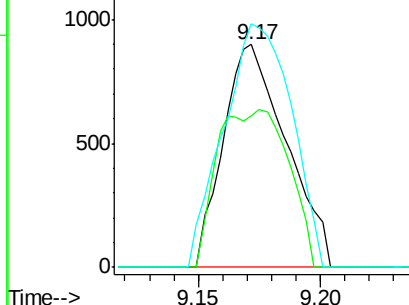
Tot Ion	Ratio	Lower	Upper
93	100		
95	80.7	66.6	99.8
174	117.8	96.6	145.0

Manual Integrations
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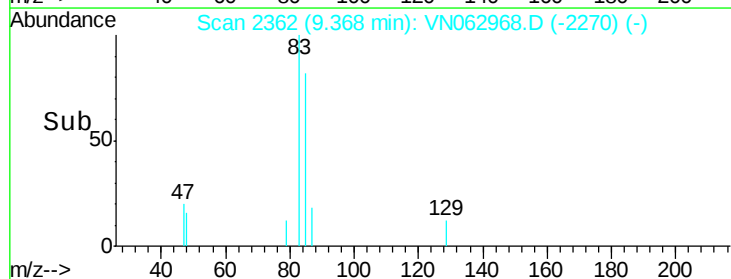
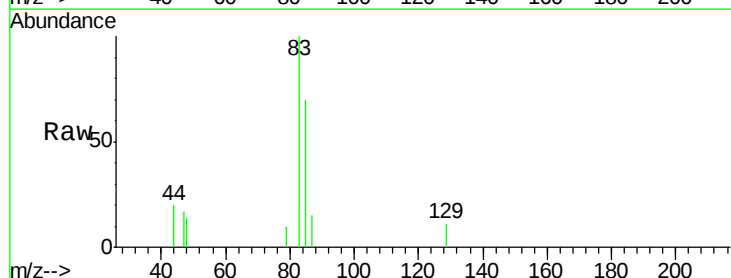
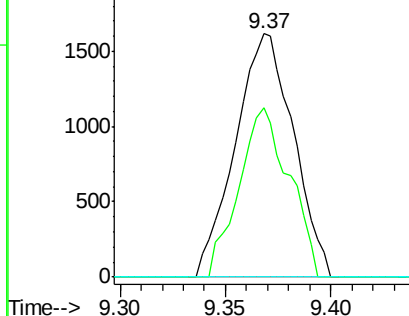
Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

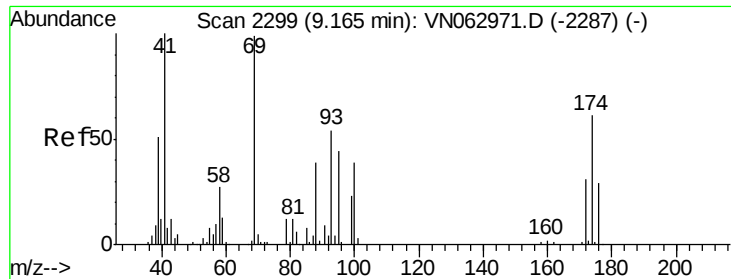


#47
Bromodichloromethane
Concen: 0.822 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.7	52.4	78.6
127	0.0	7.8	11.6#

Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V





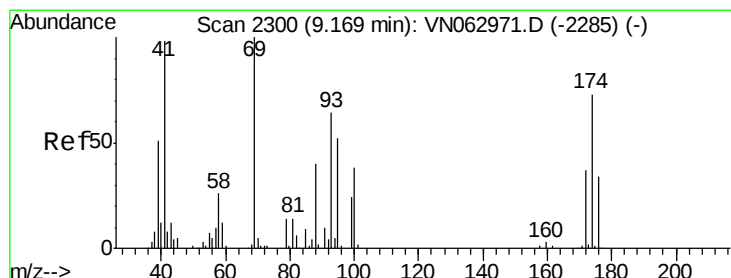
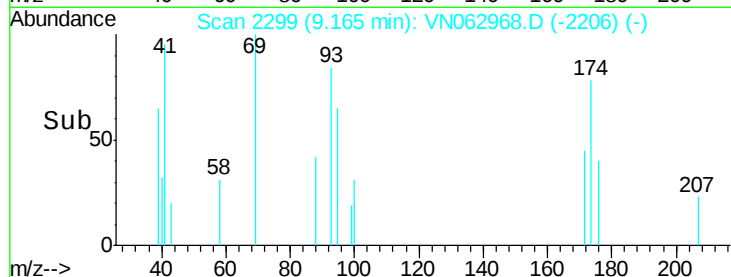
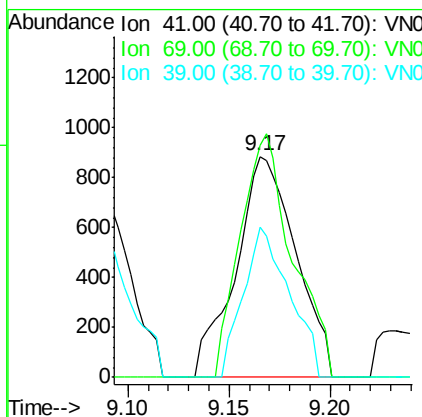
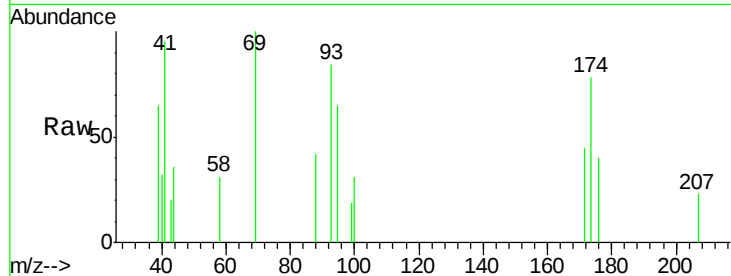
#48
Methvl methacrylate
Concen: 0.689 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	95.8	81.1	121.7
39	52.0	42.4	63.6

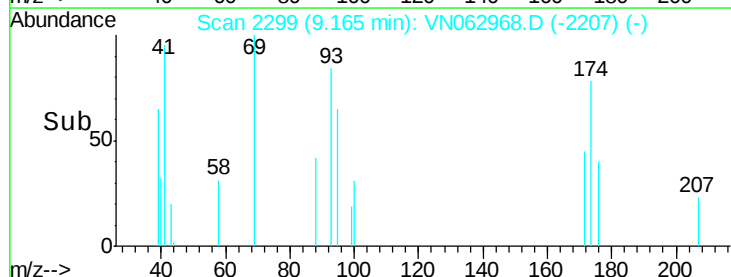
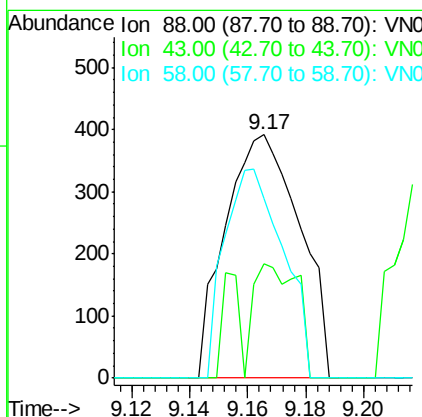
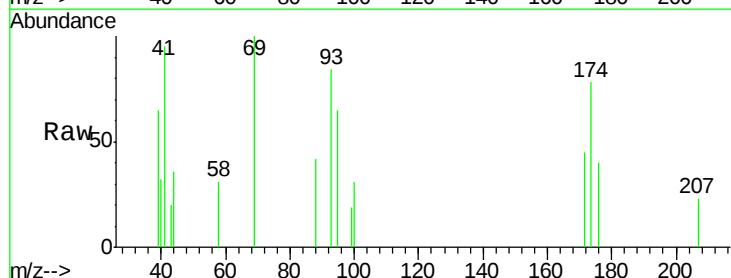
Manual Integrations
APPROVED

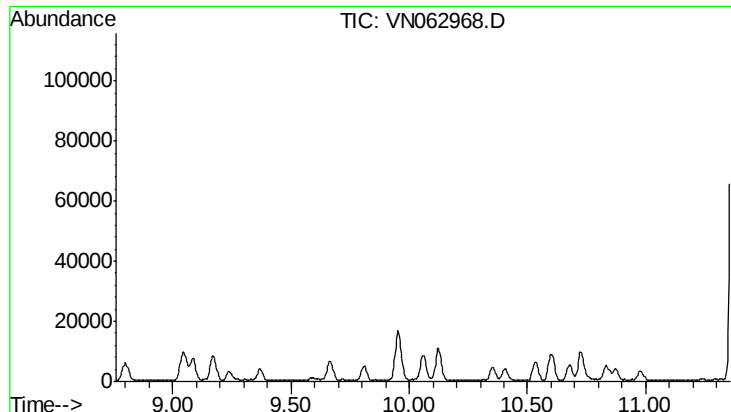
MMDadoda
8/18/2020 11:12:44 AM



#49
1,4-Dioxane
Concen: 13.884 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.1	34.7
58	67.7	53.1	79.7





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

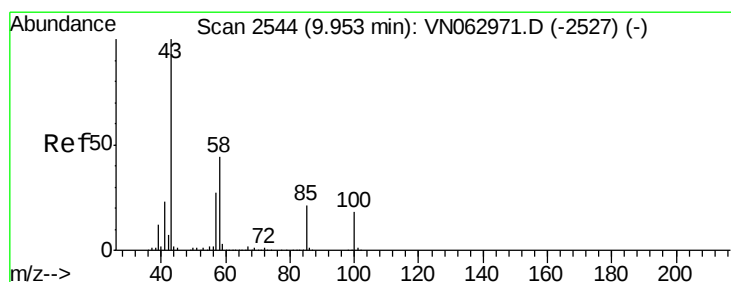
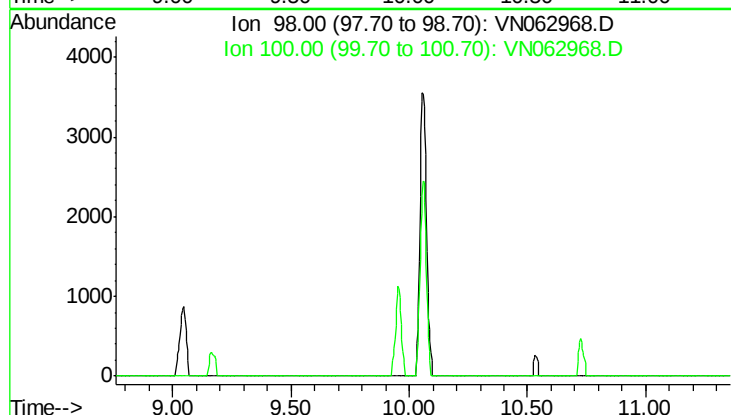
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

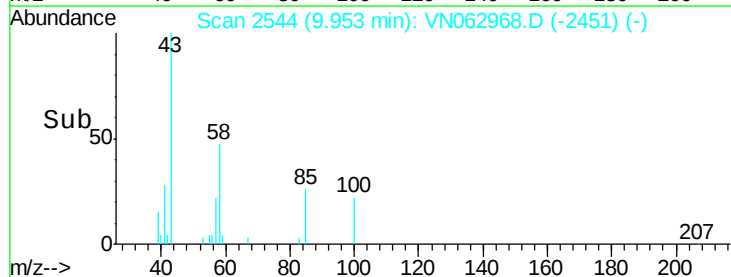
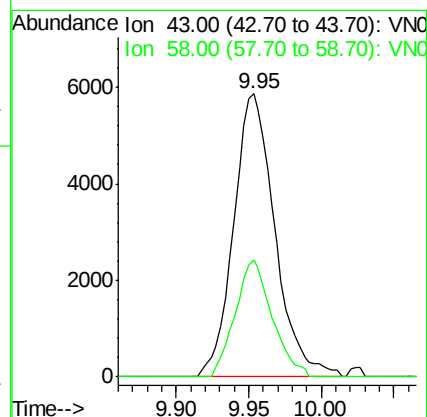
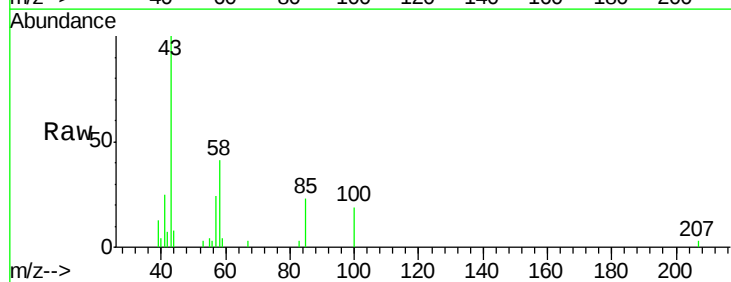
MMDadoda
8/18/2020 11:12:44 AM

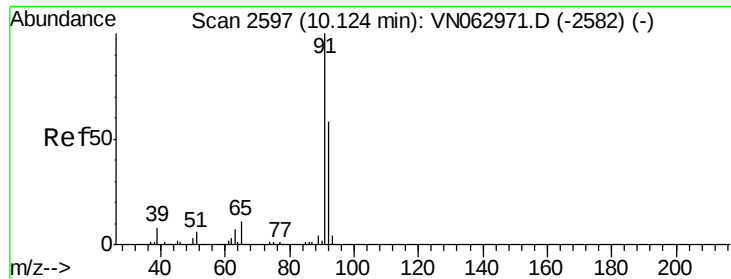
Tot Ion: 98
Sig Exp Ratio
98 100
100 63.7



#51
4-Methyl-2-Pentanone
Concen: 3.296 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 43 Resp: 11601
Ion Ratio Lower Upper
43 100
58 36.7 34.3 51.5





#52

Toluene

Concen: 0.891 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 5341

Ion Ratio Lower Upper

92 100

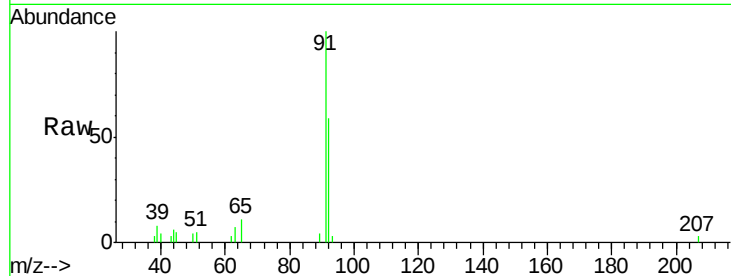
91 169.3 138.6 207.8

Manual Integrations

APPROVED

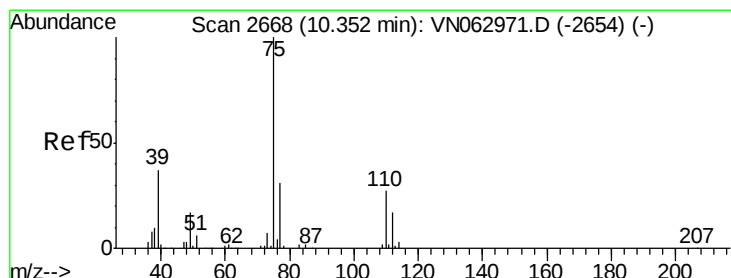
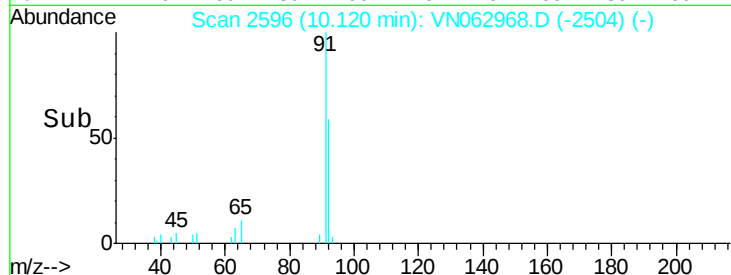
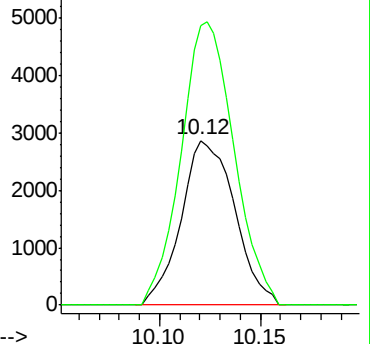
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Abundance Ion 92.00 (91.70 to 92.70): VN062971.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062971.D (-2582) (-)



#53

t-1,3-Dichloropropene

Concen: 0.729 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062968.D

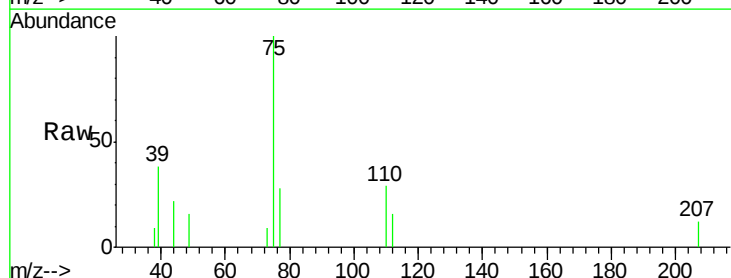
Acq: 17 Aug 2020 13:26

Tgt Ion: 75 Resp: 3010

Ion Ratio Lower Upper

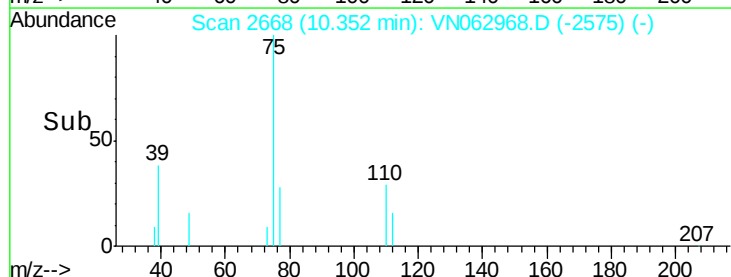
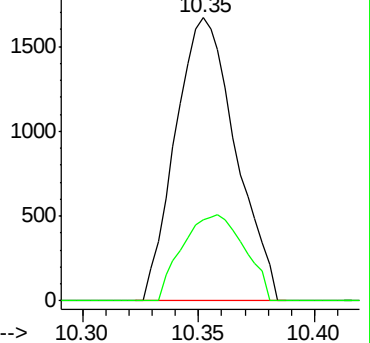
75 100

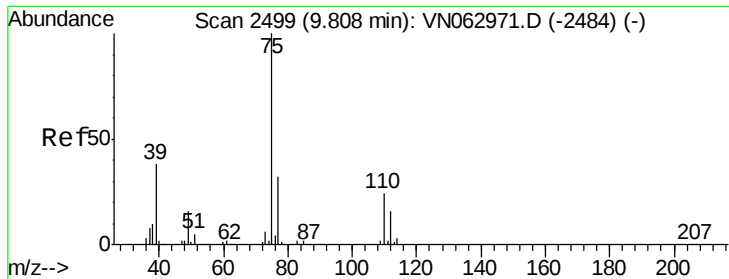
77 28.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN062971.D (-2654) (-)

Ion 76.90 (76.60 to 77.60): VN062971.D (-2654) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.756 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

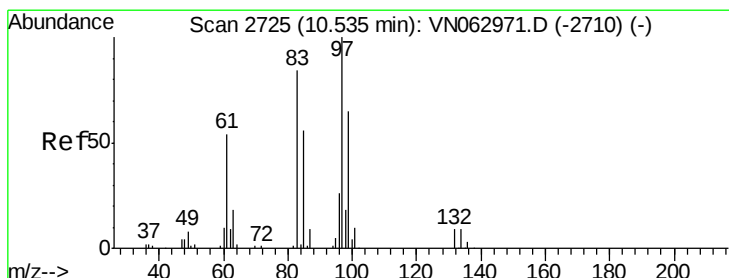
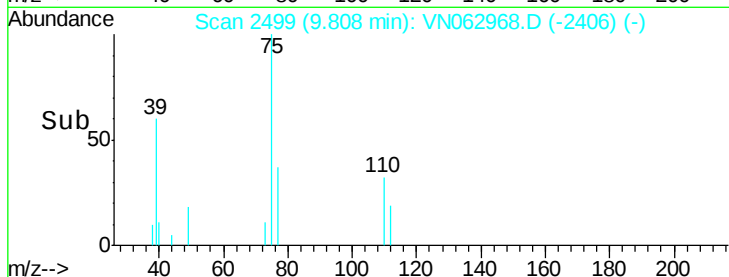
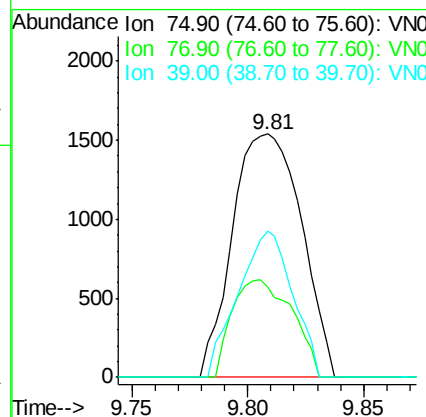
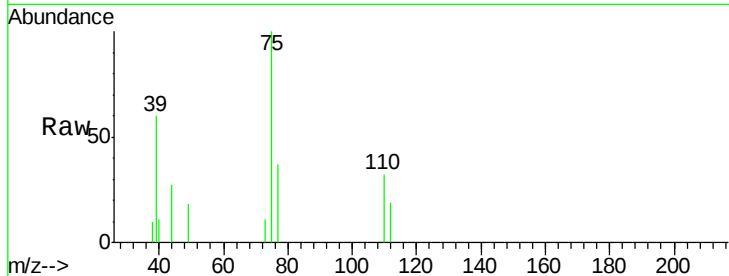
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3184
Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.4	38.2
39	60.2	30.6	46.0#

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.908 ug/l

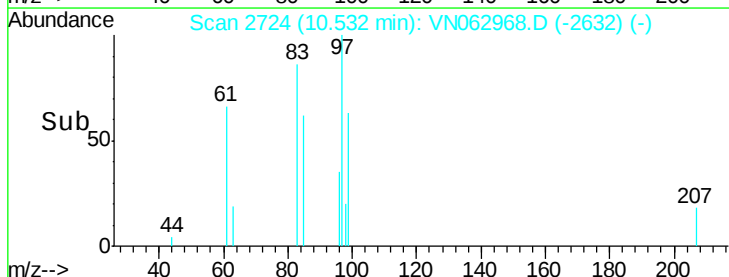
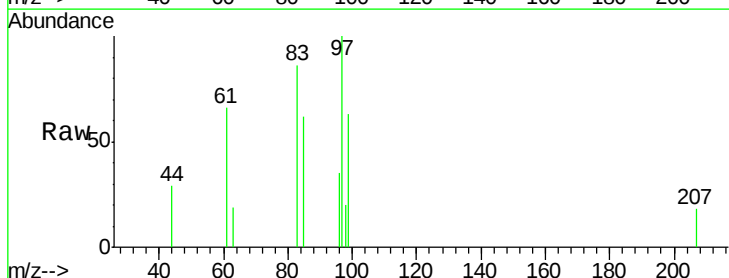
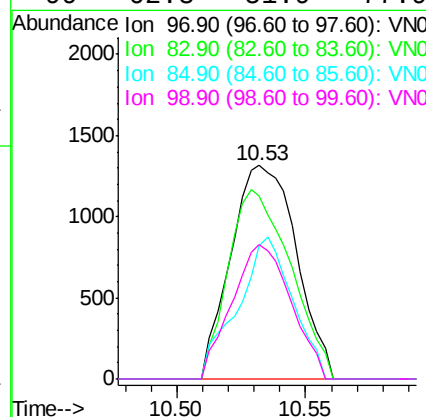
RT: 10.53 min Scan# 2724

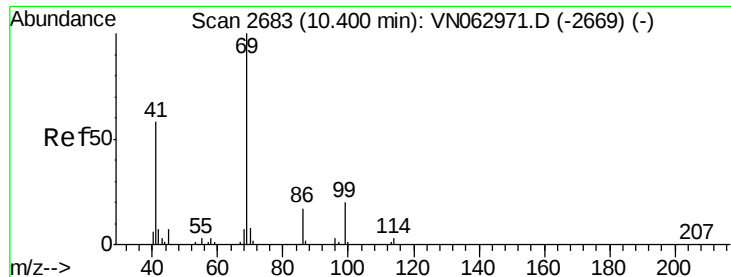
Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Tgt Ion:	97	Resp:	2330
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.0	100.4
85	62.2	44.4	66.6
99	62.8	51.9	77.9





#56

Ethyl methacrylate

Concen: 0.693 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

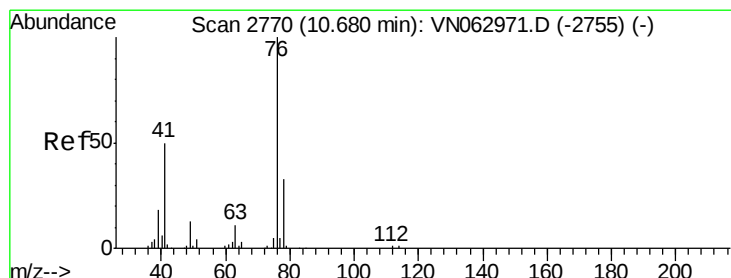
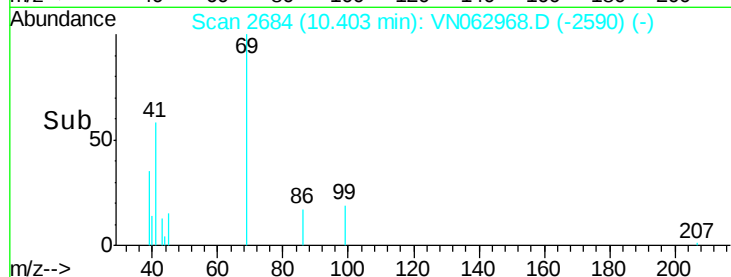
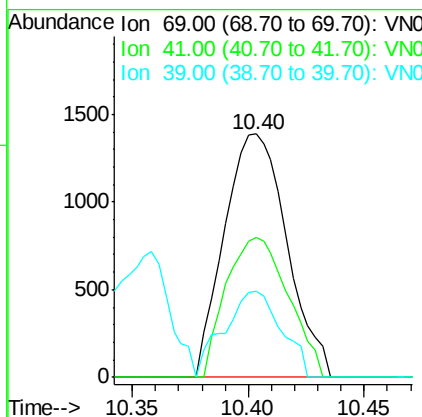
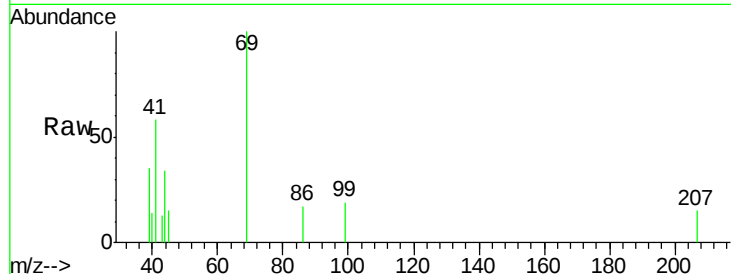
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	2607
Ion Ratio	Lower	Upper	
69	100		
41	57.1	46.0	69.0
39	32.5	23.4	35.0

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.817 ug/l

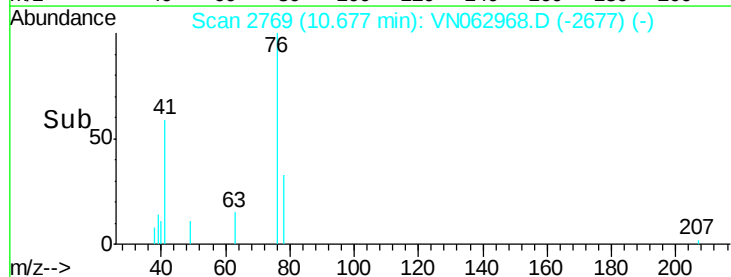
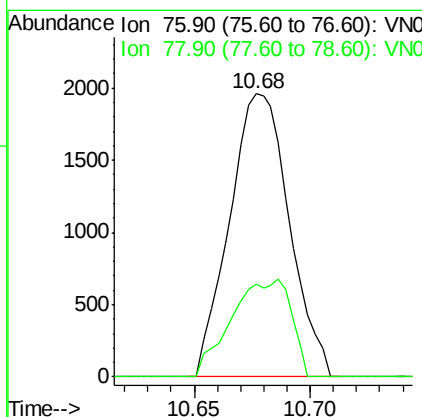
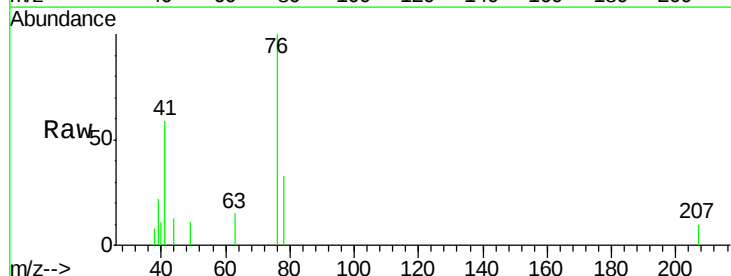
RT: 10.68 min Scan# 2769

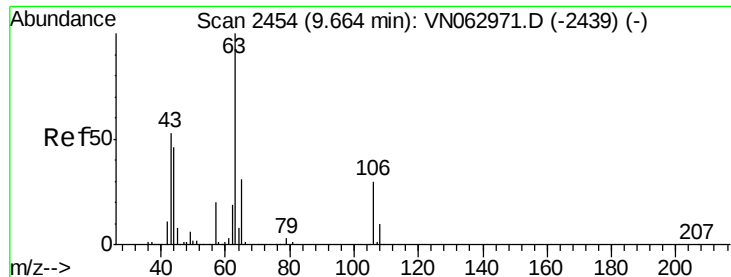
Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Tgt Ion:	76	Resp:	3503
Ion Ratio	Lower	Upper	
76	100		
78	34.4	26.2	39.4





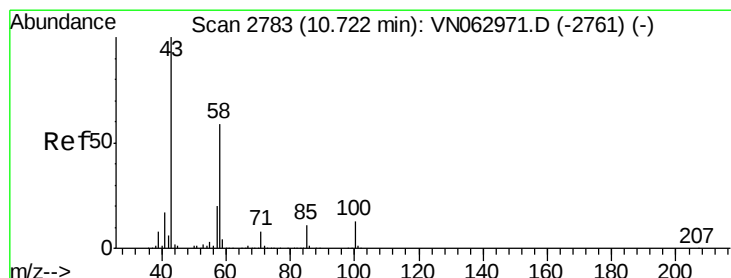
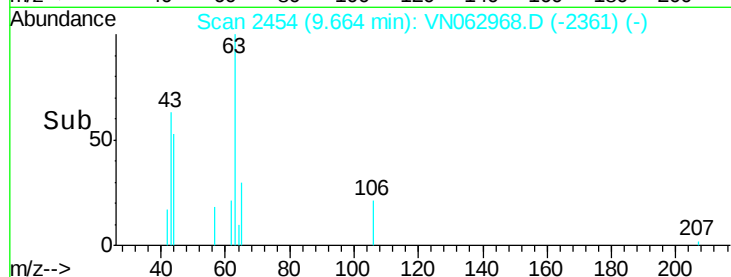
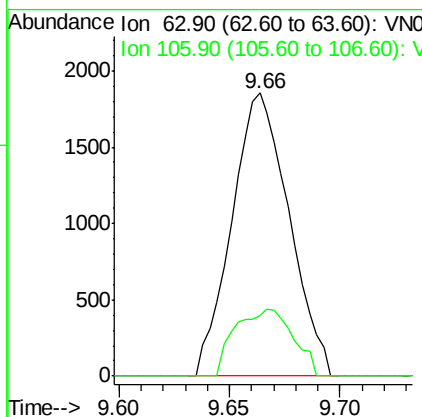
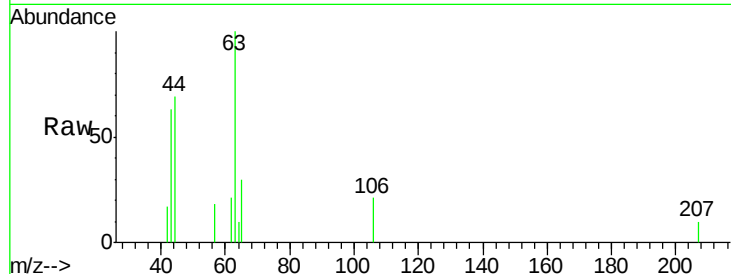
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.214 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 3344
 Ion Ratio Lower Upper
 63 100
 106 23.8 23.4 35.2

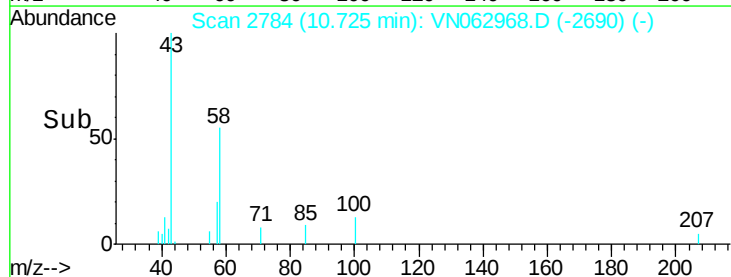
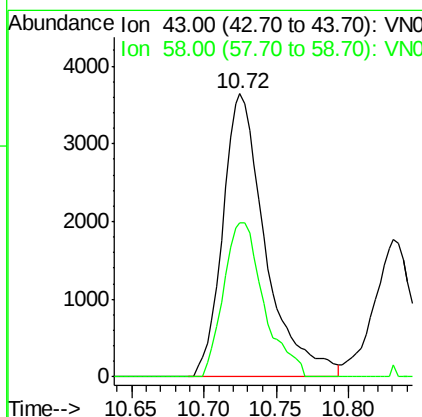
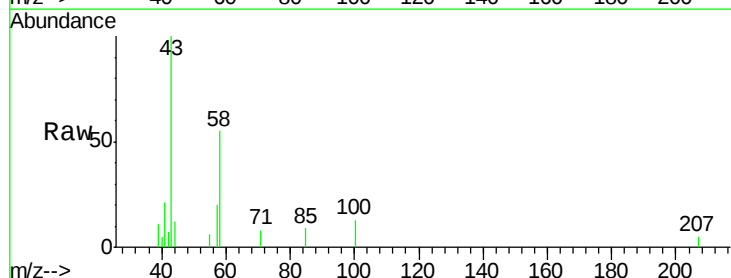
Manual Integrations
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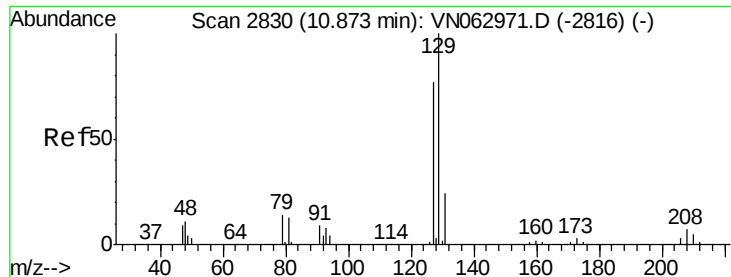
MMDadoda
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#59
 2-Hexanone
 Concen: 2.850 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 43 Resp: 7445
 Ion Ratio Lower Upper
 43 100
 58 51.1 29.5 88.5





#60

Dibromochloromethane

Concen: 0.865 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 2512

Ion Ratio Lower Upper

129 100

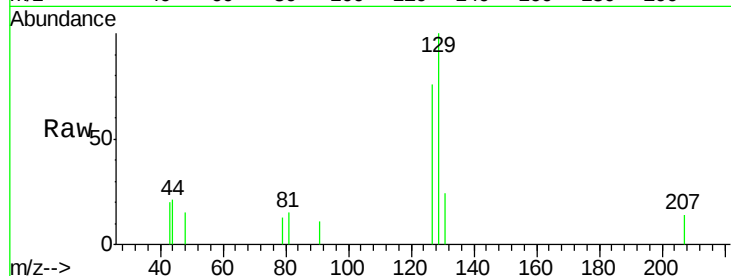
127 74.3 38.4 115.2

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.87

1500

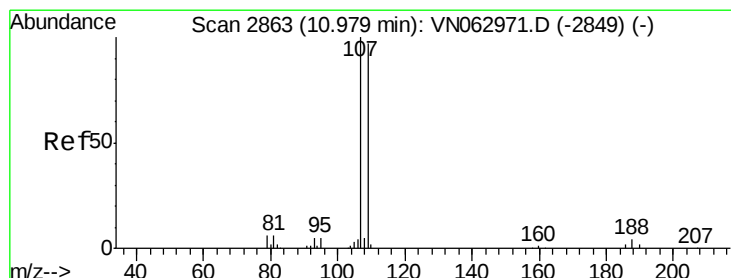
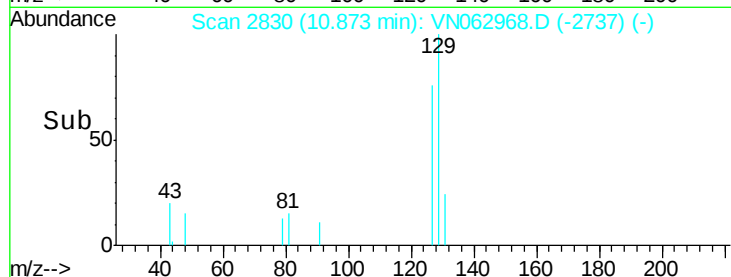
1000

500

0

10.85 10.90

Time-->



#61

1,2-Dibromoethane

Concen: 0.974 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062968.D

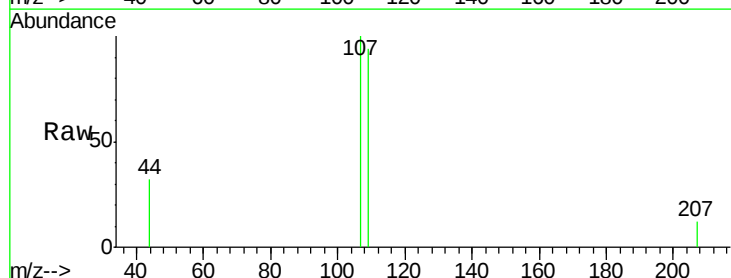
Acq: 17 Aug 2020 13:26

Tgt Ion:107 Resp: 2463

Ion Ratio Lower Upper

107 100

109 99.5 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

1500

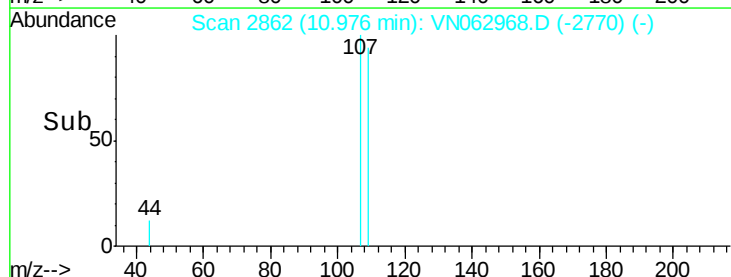
1000

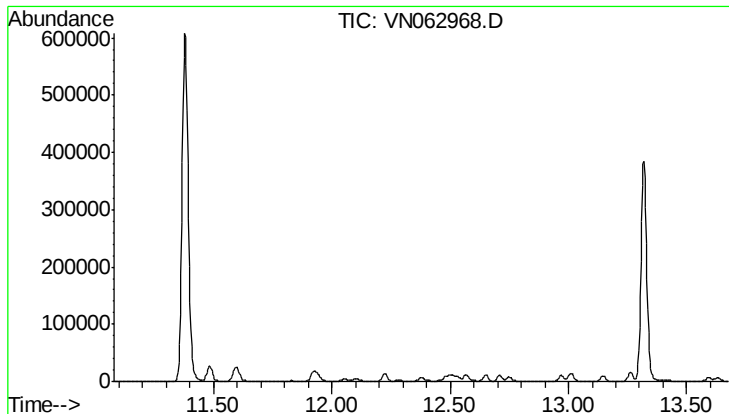
500

0

10.95 11.00

Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Tot Ion: 95

Sig Exp Ratio

95 100

174 92.6

176 89.4

Instrument :

MSVOA_N

ClientSampleId :

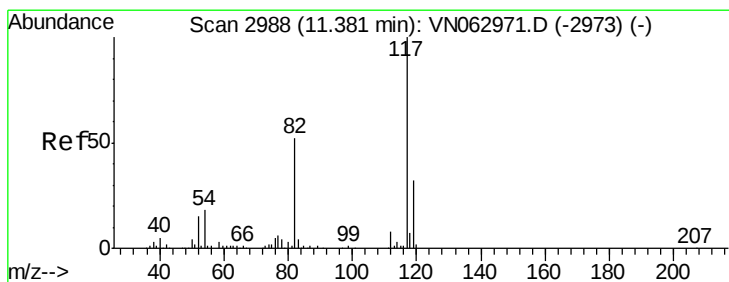
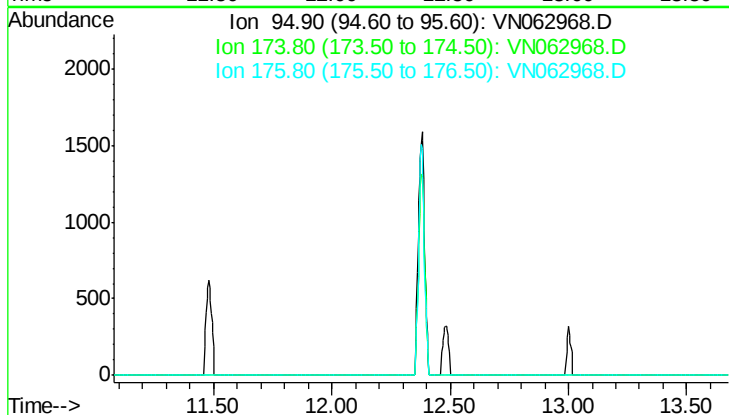
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

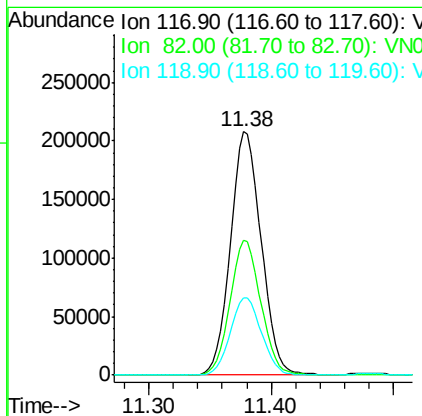
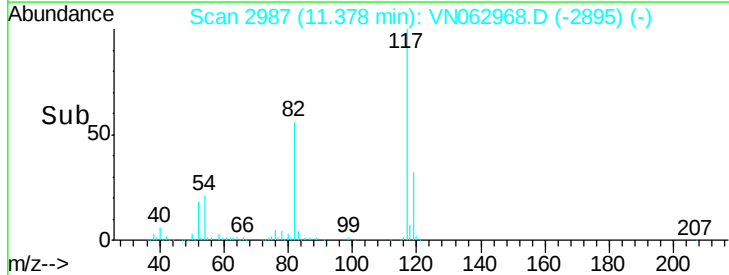
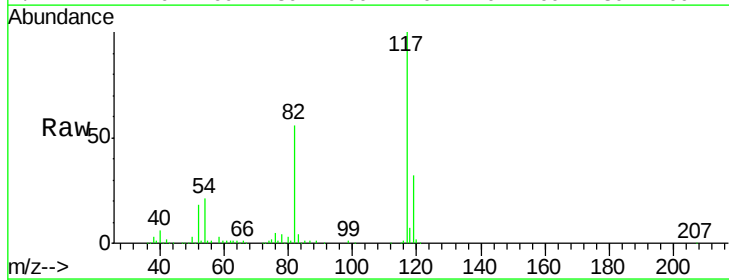
Tgt Ion: 117 Resp: 366055

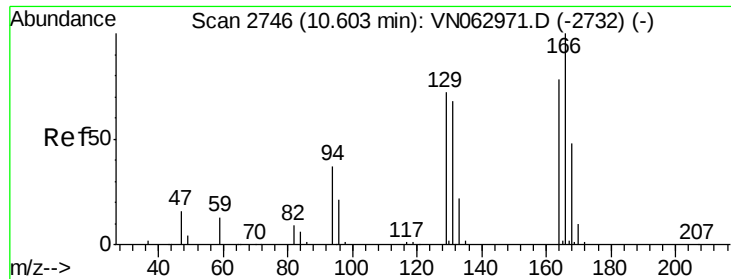
Ion Ratio Lower Upper

117 100

82 55.6 41.3 61.9

119 31.9 25.8 38.8





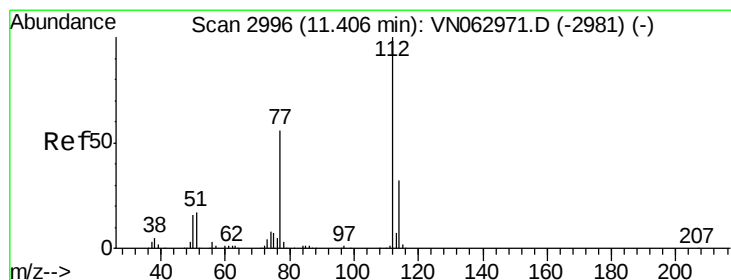
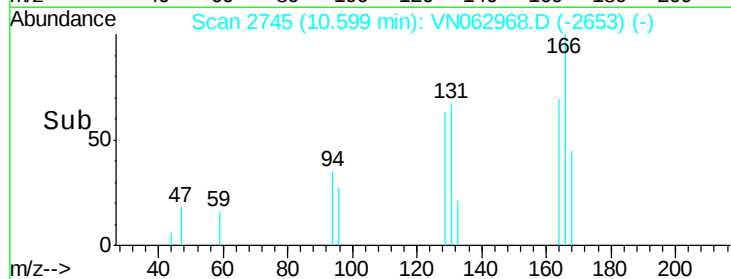
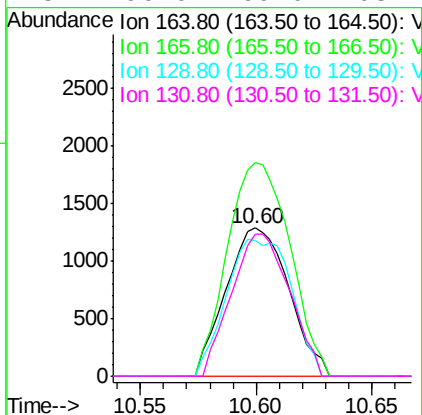
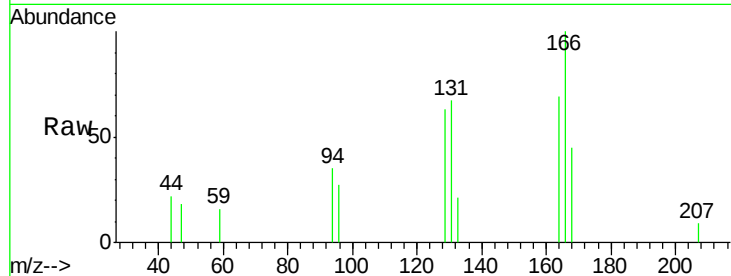
#64
Tetrachloroethene
Concen: 1.010 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	144.2	101.9	152.9
129	91.3	73.1	109.7
131	96.0	69.0	103.4

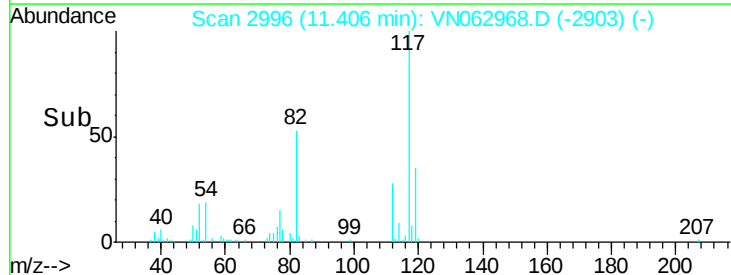
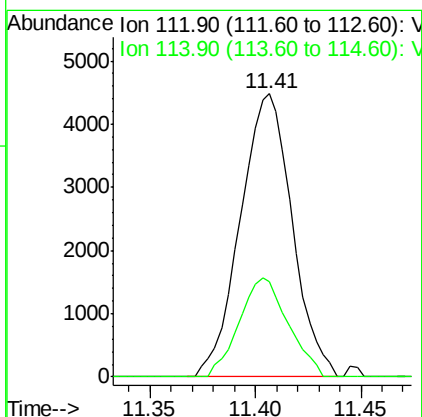
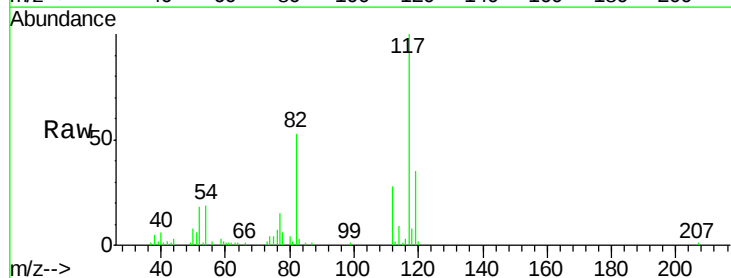
Manual Integrations
APPROVED

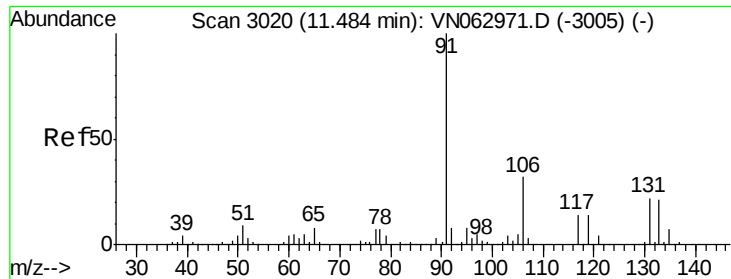
MMDadoda
8/18/2020 11:12:44 AM



#65
Chlorobenzene
Concen: 1.006 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.4	38.2





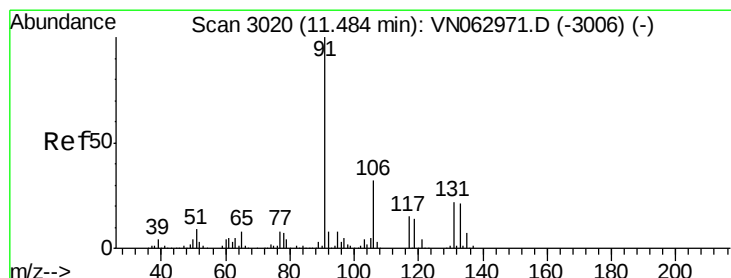
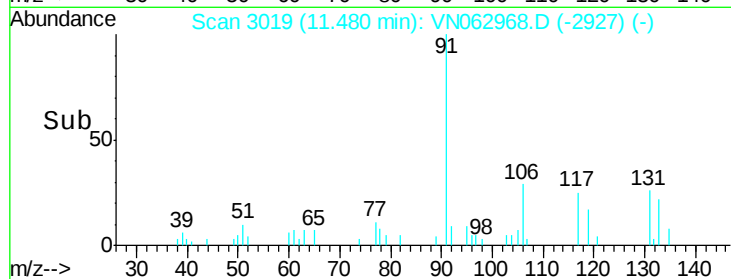
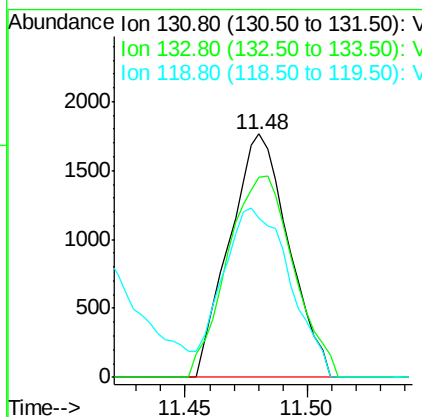
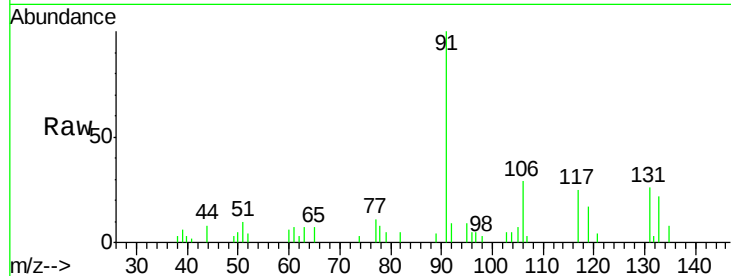
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.975 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.0	47.8	143.4
119	0.0	32.4	97.0#

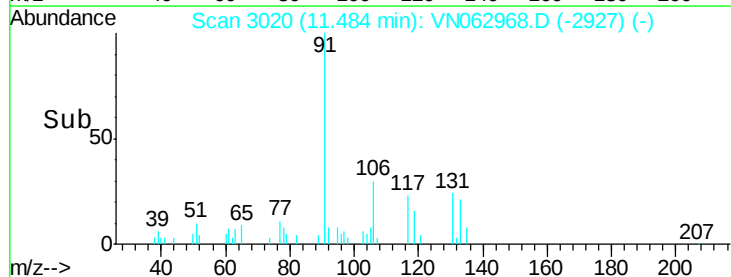
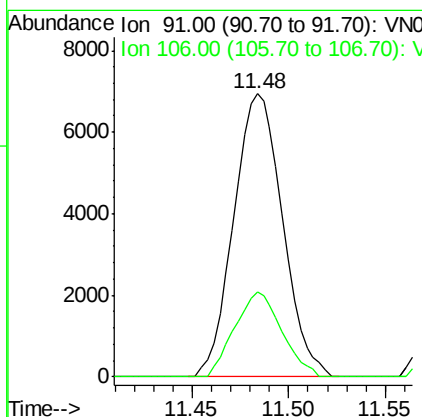
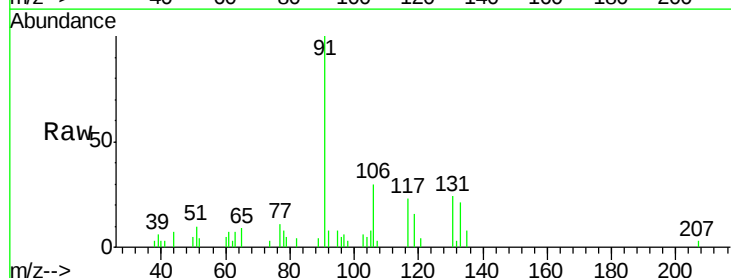
Manual Integrations
 APPROVED

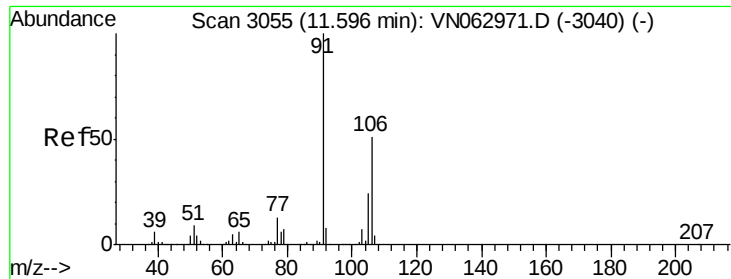
MMDadoda
 8/18/2020 11:12:44 AM



#67
 Ethyl Benzene
 Concen: 0.908 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.9	38.9





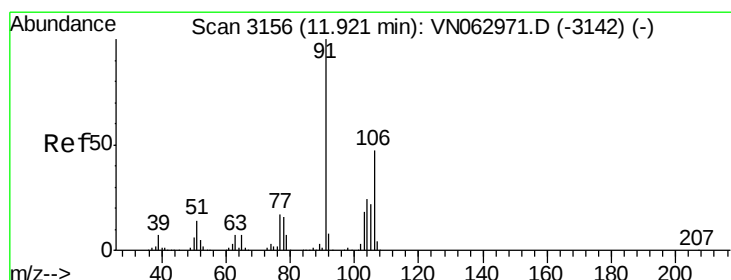
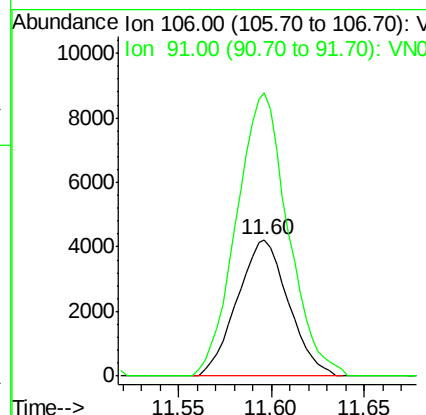
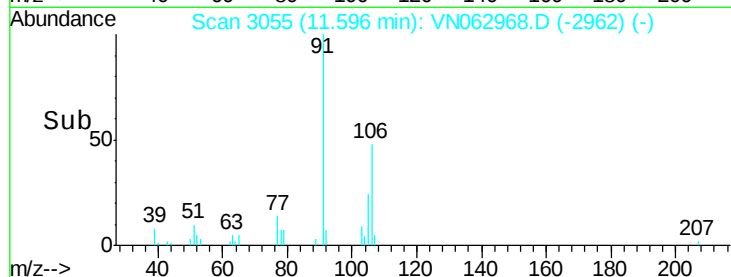
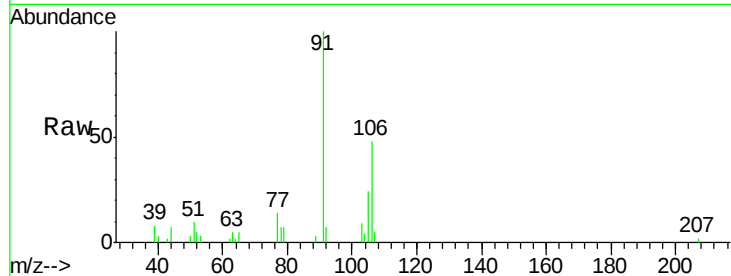
#68
m/p-Xylenes
Concen: 1.647 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 8117
Ion Ratio Lower Upper
106 100
91 208.6 158.7 238.1

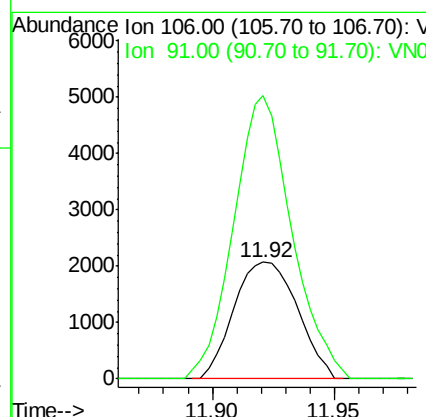
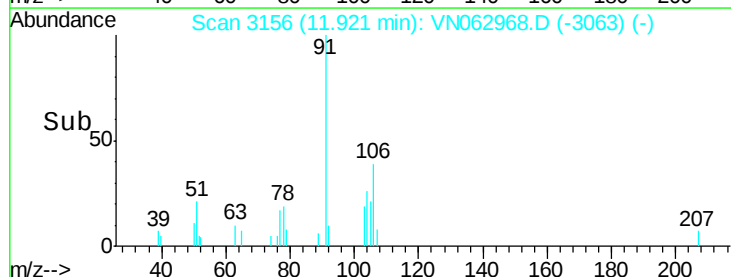
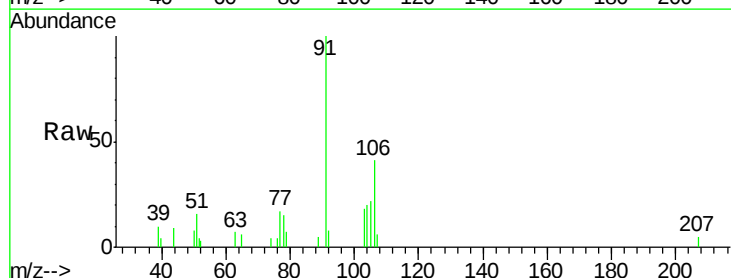
Manual Integrations
APPROVED

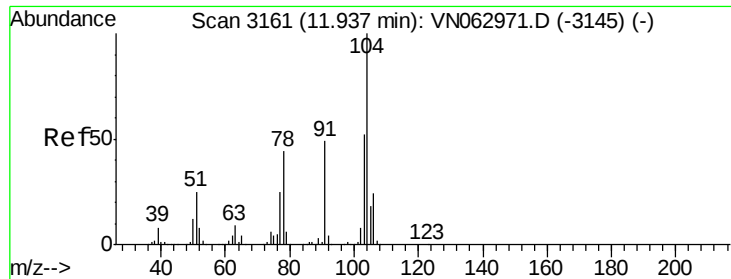
MMDadoda
8/18/2020 11:12:44 AM



#69
o-Xylene
Concen: 0.812 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion:106 Resp: 3742
Ion Ratio Lower Upper
106 100
91 222.4 106.3 318.8





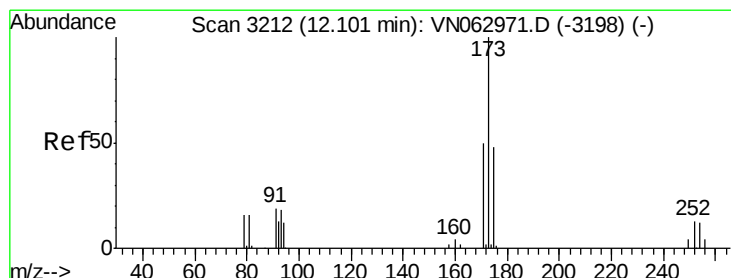
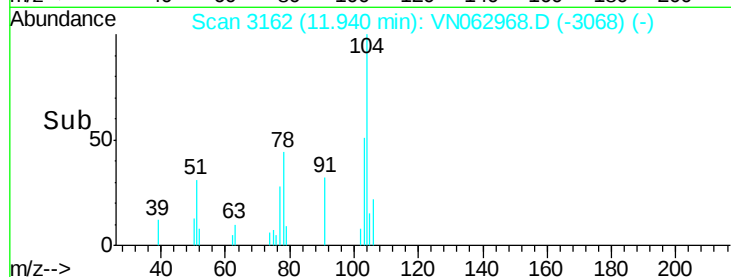
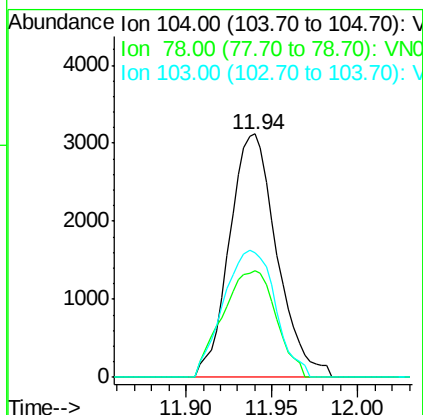
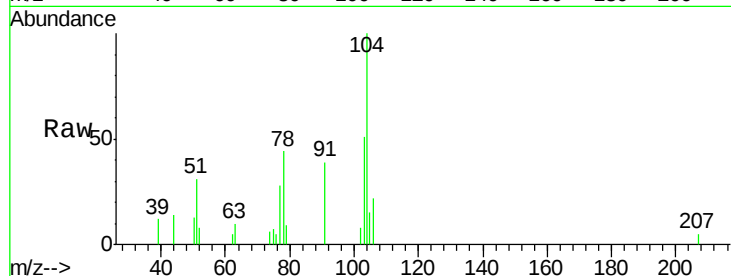
#70
Stvrene
Concen: 0.736 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.4	38.2	57.4
103	57.5	44.9	67.3

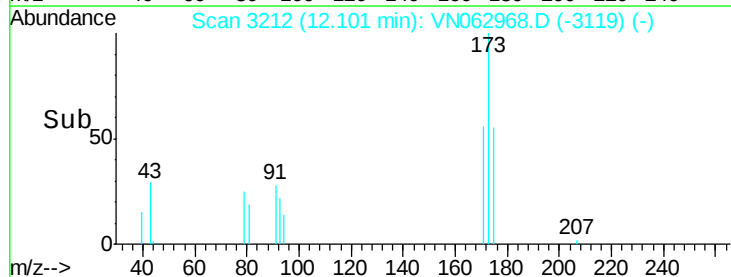
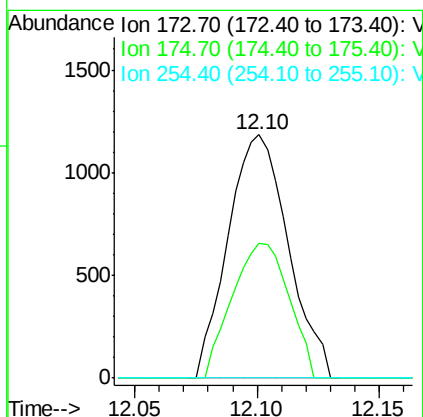
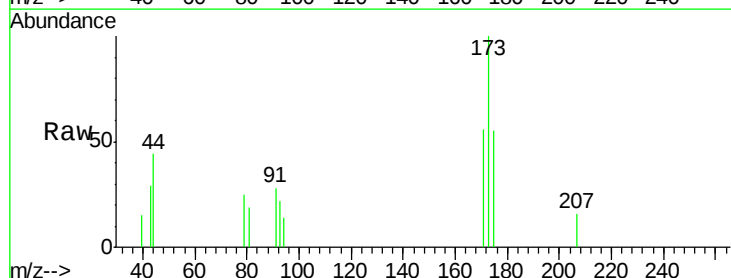
Manual Integrations
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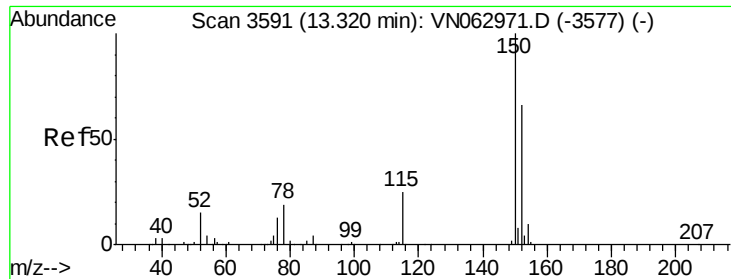
MMDadoda
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#71
Bromoform
Concen: 0.806 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.5	24.1	72.2
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 115975

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

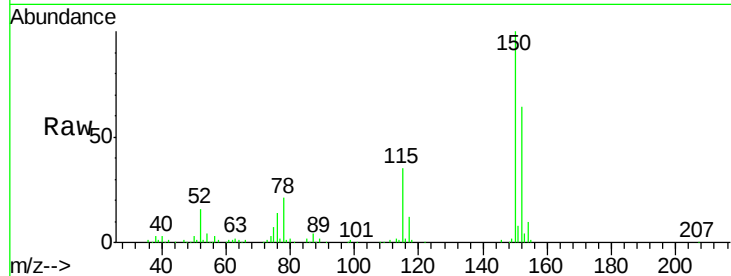
150 159.6 0.0 341.4

Manual Integrations

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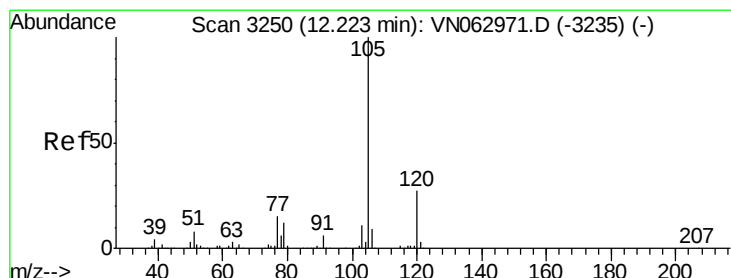
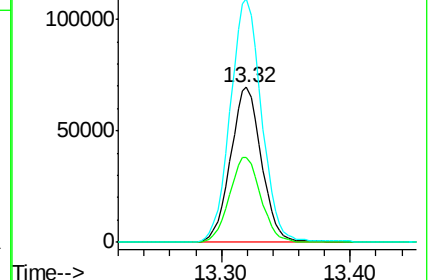
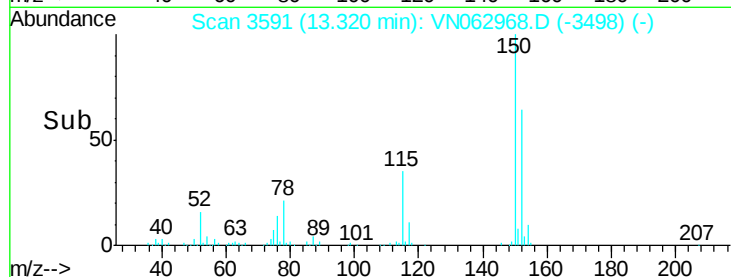
8/18/2020 11:12:44 AM



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: 0.950 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062968.D

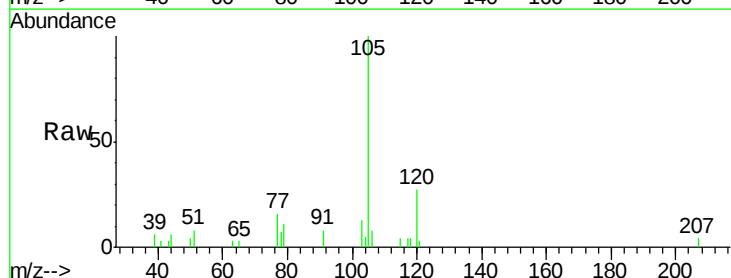
Acq: 17 Aug 2020 13:26

Tgt Ion:105 Resp: 8119

Ion Ratio Lower Upper

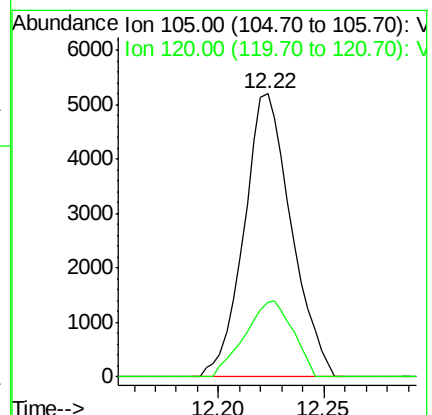
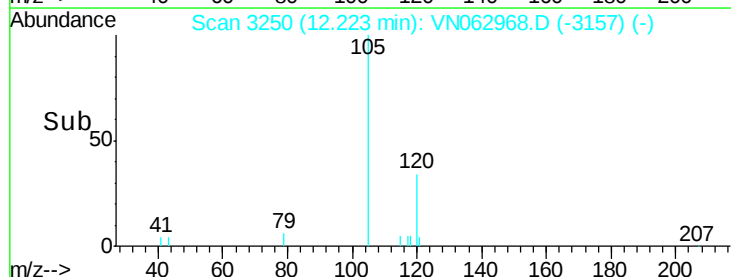
105 100

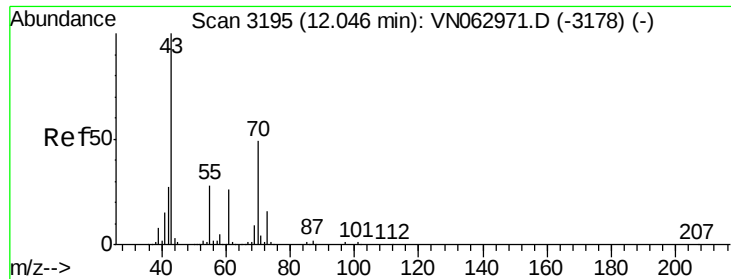
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.819 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

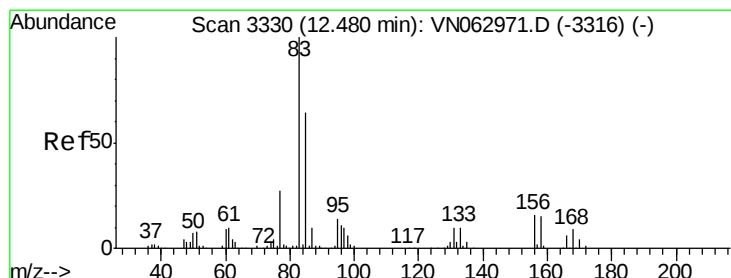
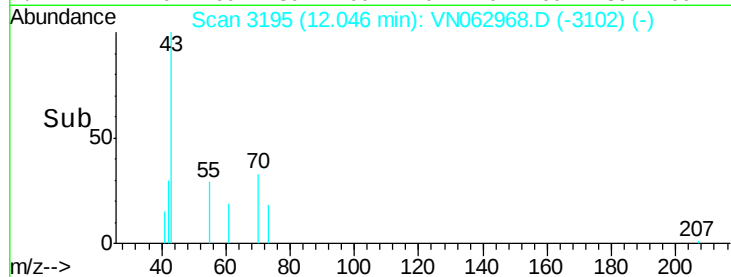
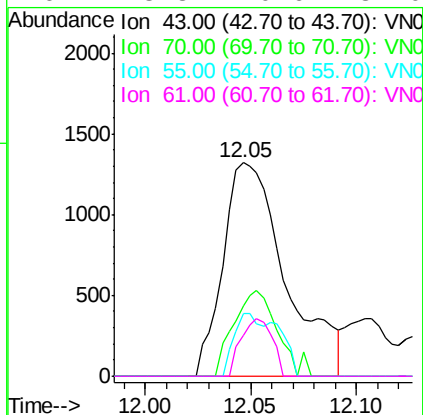
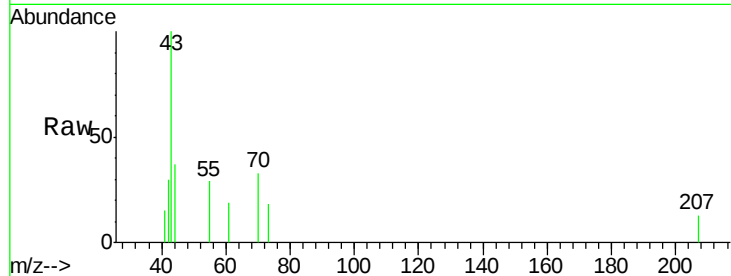
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	27.9	38.4	57.6#
55	20.8	21.9	32.9#
61	13.3	20.6	31.0#

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.364 ug/l

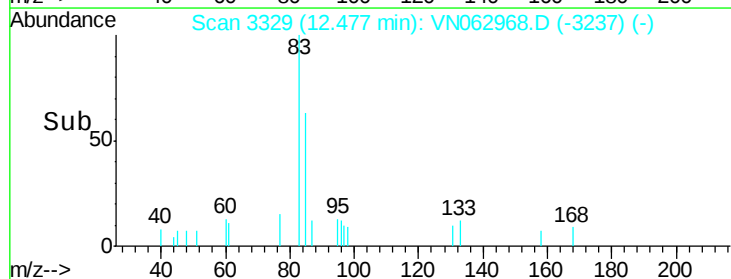
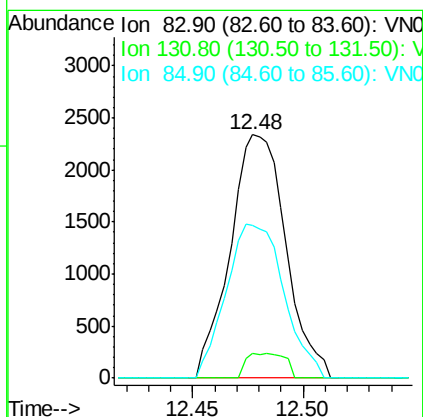
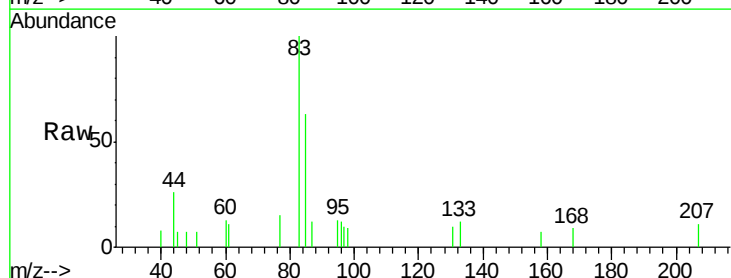
RT: 12.48 min Scan# 3329

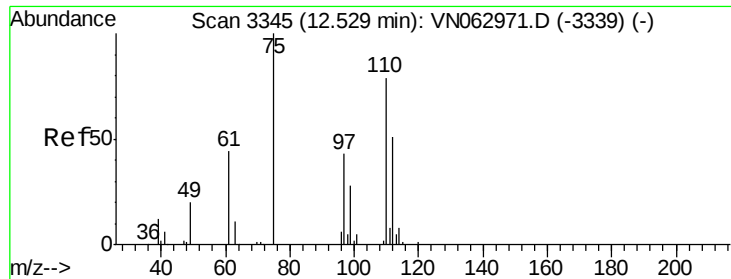
Delta R.T. -0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
131	7.2	5.3	16.1
85	65.5	31.9	95.7





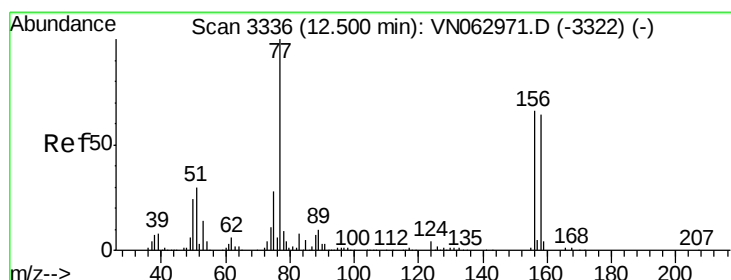
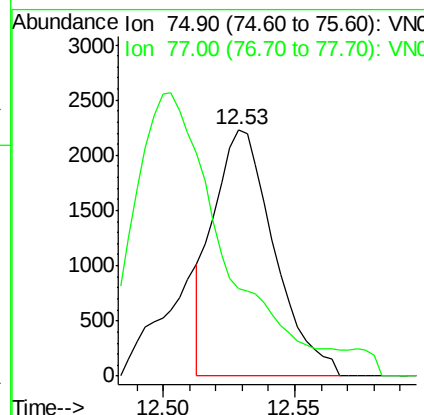
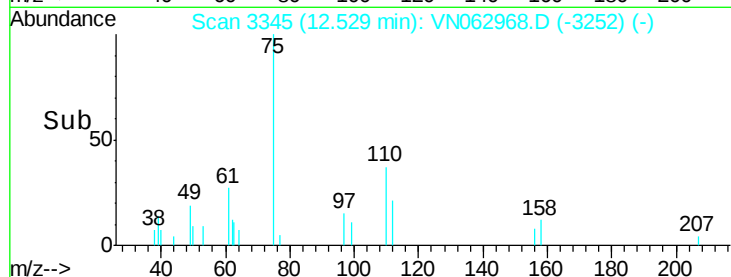
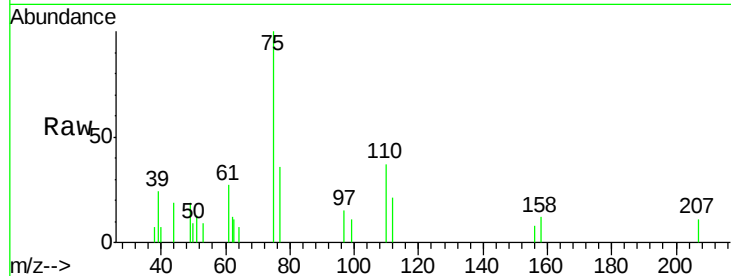
#76
 1,2,3-Trichloropropane
 Concen: 1.190 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 3572
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

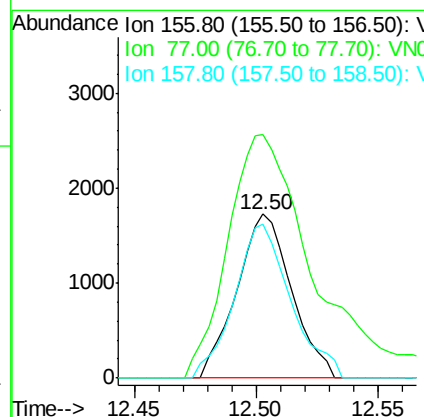
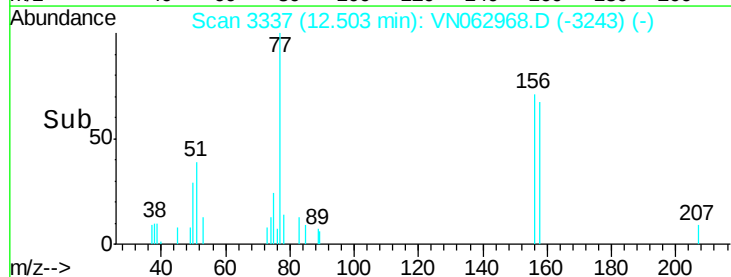
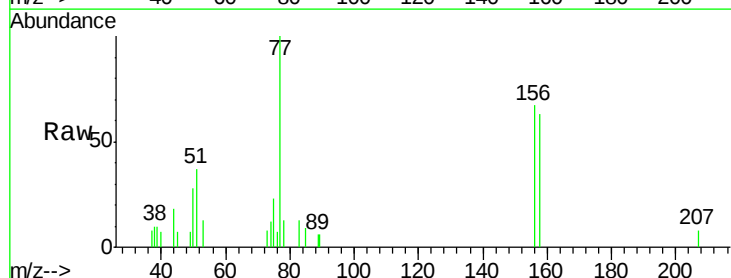
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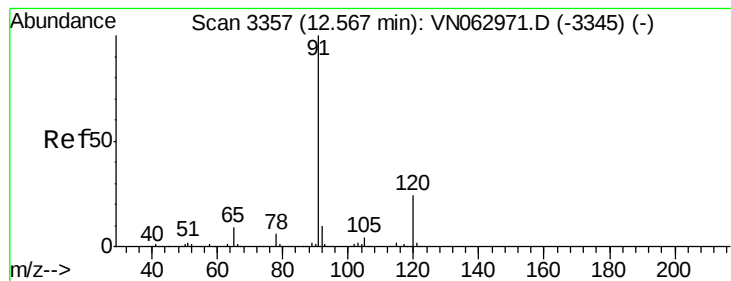
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#77
 Bromobenzene
 Concen: 1.232 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 156 Resp: 2685
 Ion Ratio Lower Upper
 156 100
 77 232.7 92.4 277.2
 158 96.4 48.6 145.8





#78

n-propylbenzene

Concen: 1.048 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10482

Ion Ratio Lower Upper

91 100

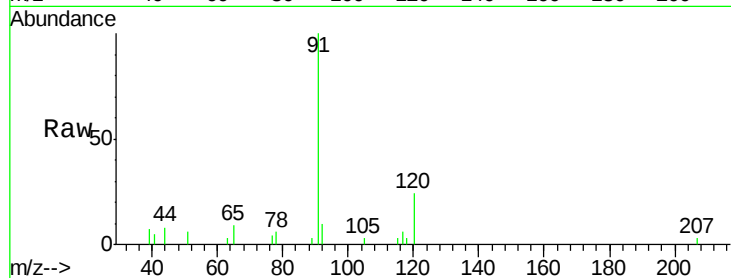
120 20.9 12.1 36.3

Manual Integrations

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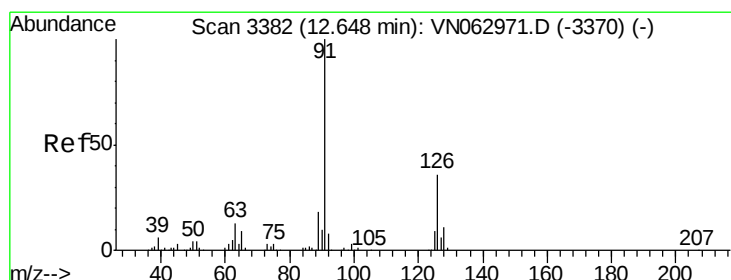
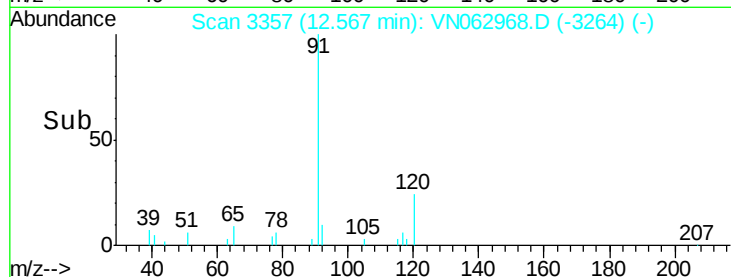
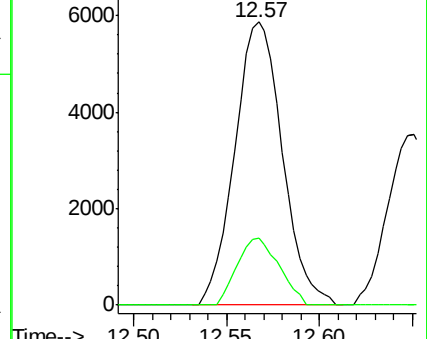
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.994 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062968.D

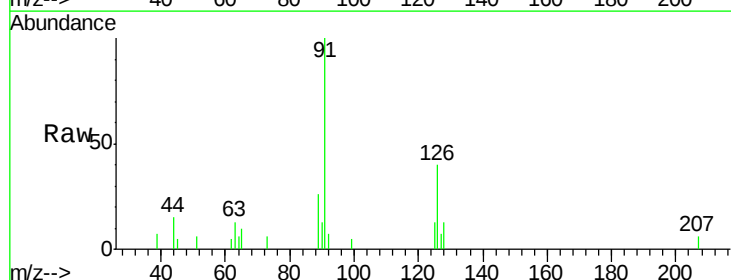
Acq: 17 Aug 2020 13:26

Tgt Ion: 91 Resp: 6202

Ion Ratio Lower Upper

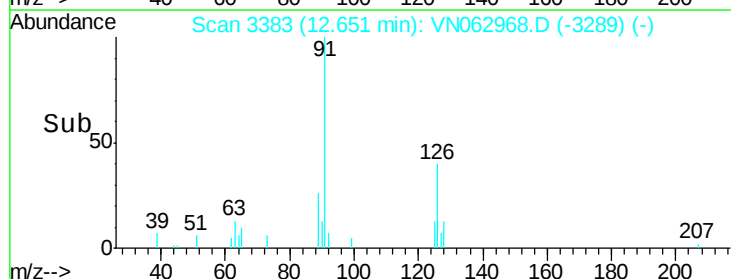
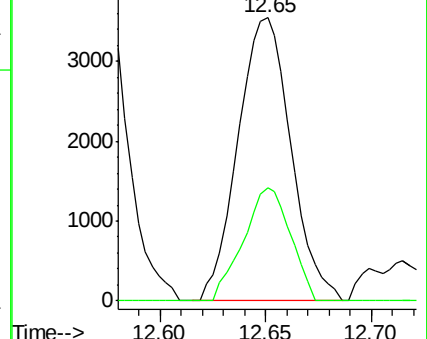
91 100

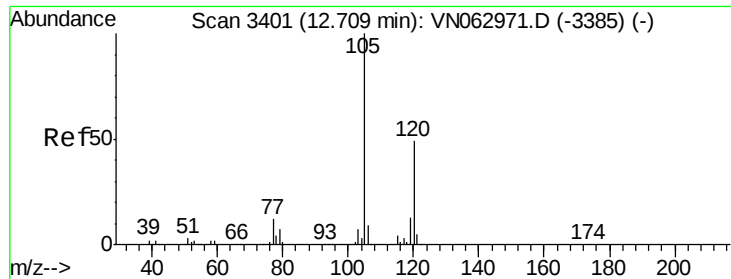
126 35.3 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





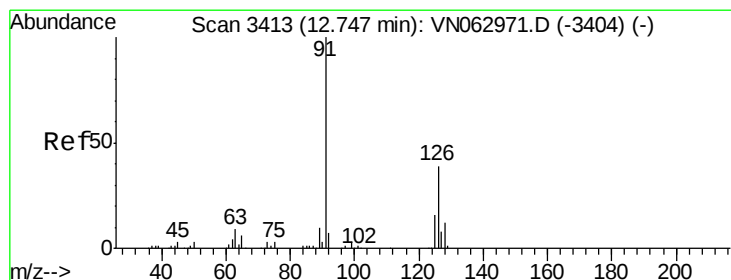
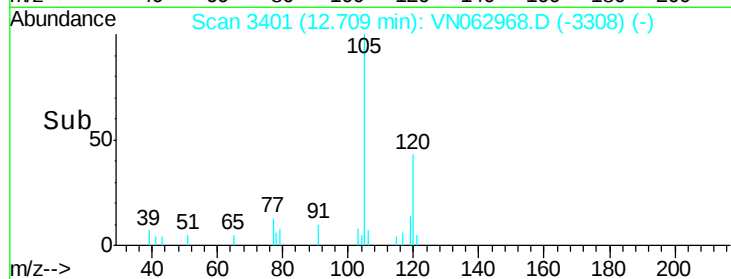
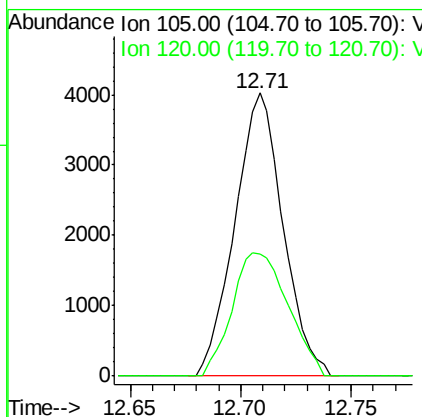
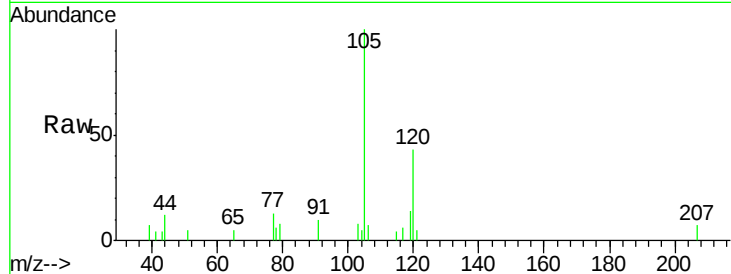
#80
 1,3,5-Trimethylbenzene
 Concen: 0.824 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 6102
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.7

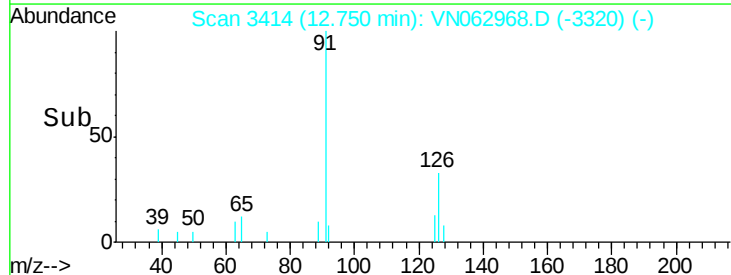
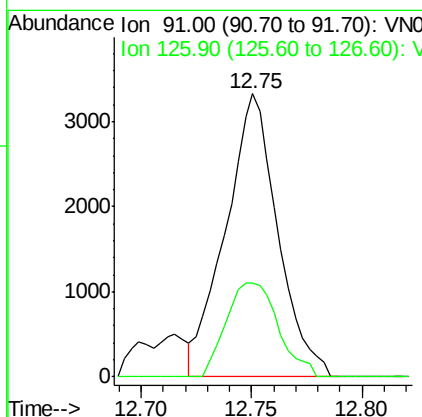
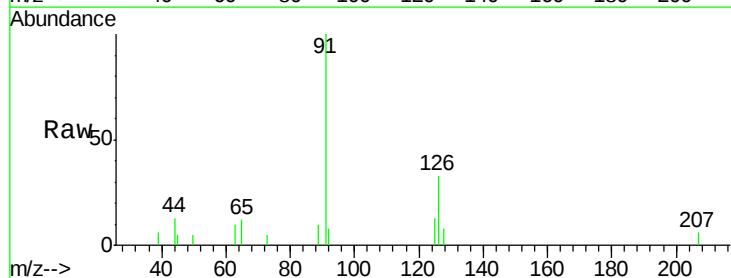
Manual Integrations
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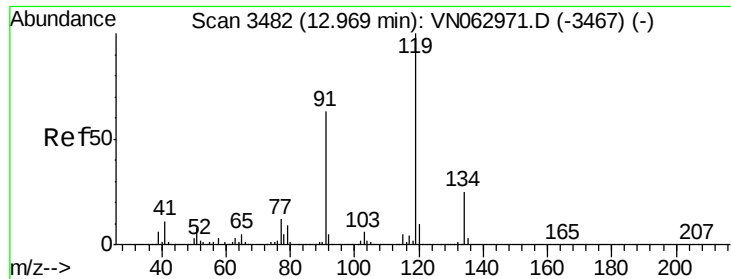
MMDadoda
 8/18/2020 11:12:44 AM



#82
 4-Chlorotoluene
 Concen: 0.845 ug/l
 RT: 12.75 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 91 Resp: 5448
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.6 52.8





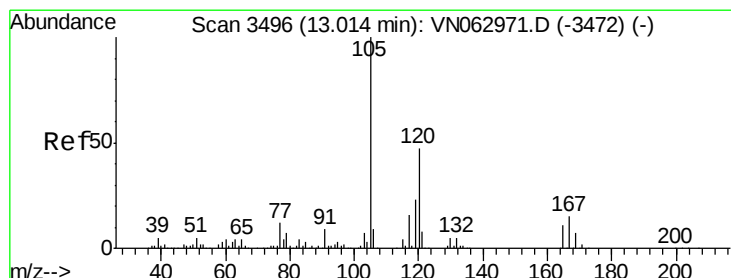
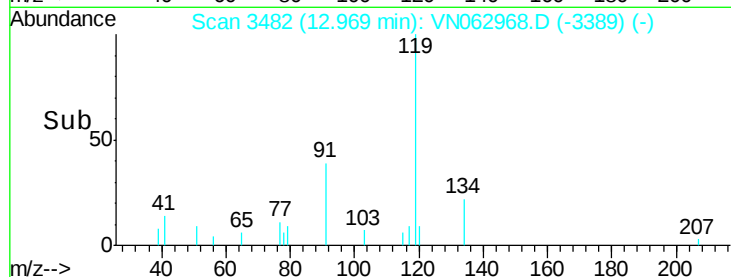
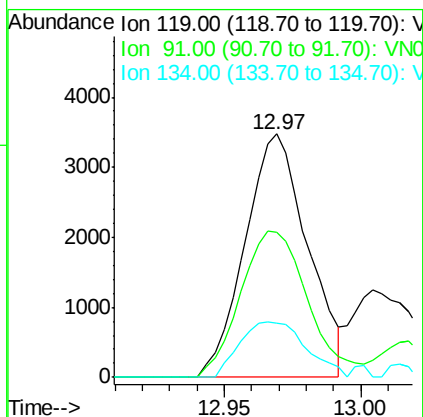
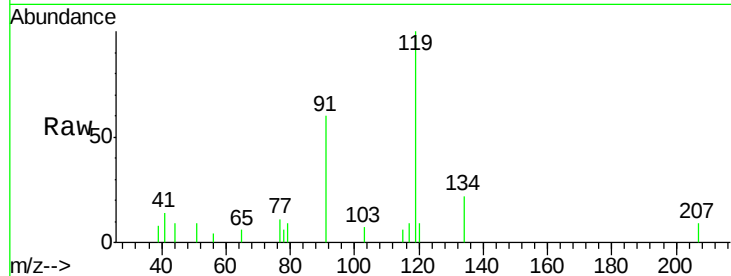
#83
tert-Butylbenzene
Concen: 0.879 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	31.0	93.0
134	24.1	13.3	39.8

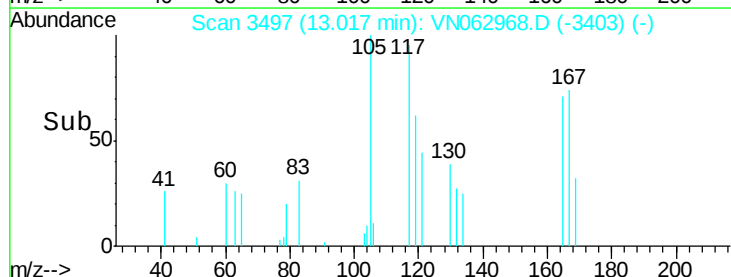
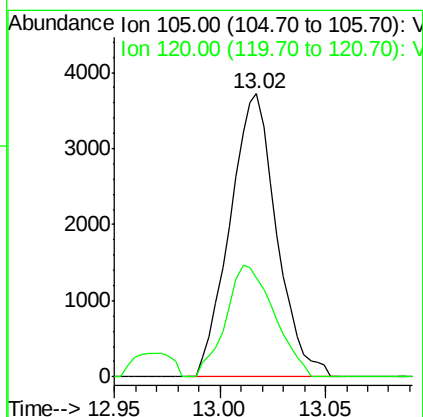
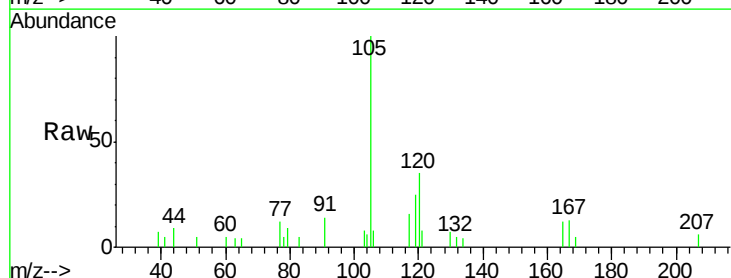
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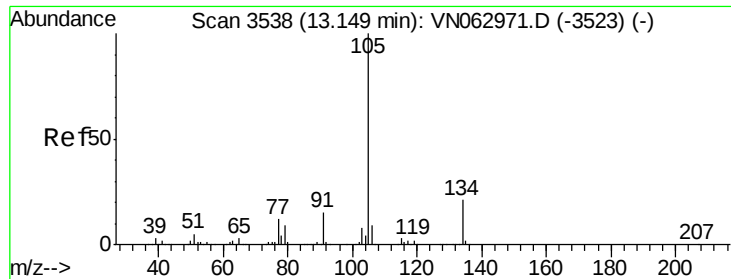
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#84
1,2,4-Trimethylbenzene
Concen: 0.807 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.8	23.2	69.6





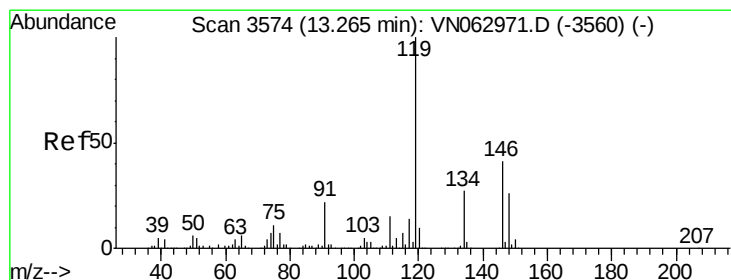
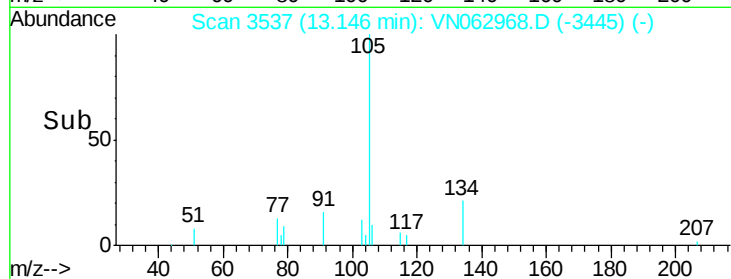
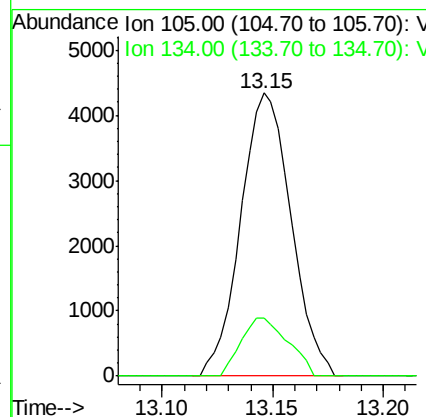
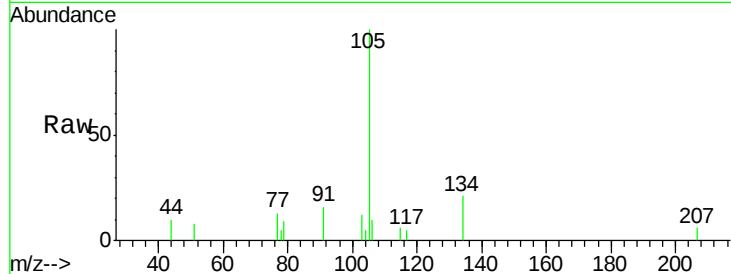
#85
 sec-Butylbenzene
 Concen: 0.834 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	10.4	31.1

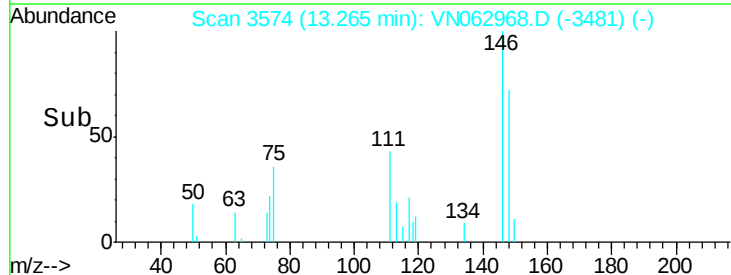
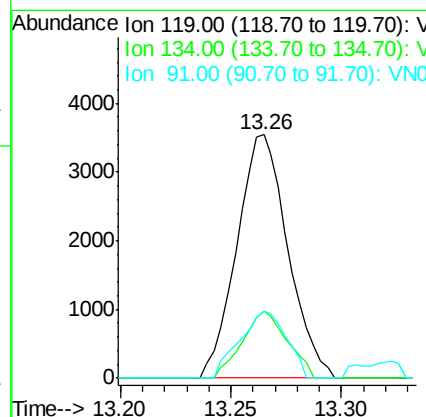
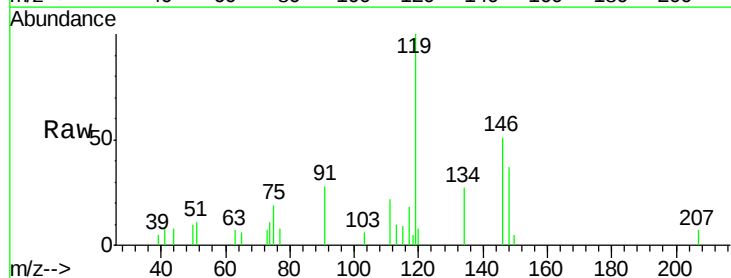
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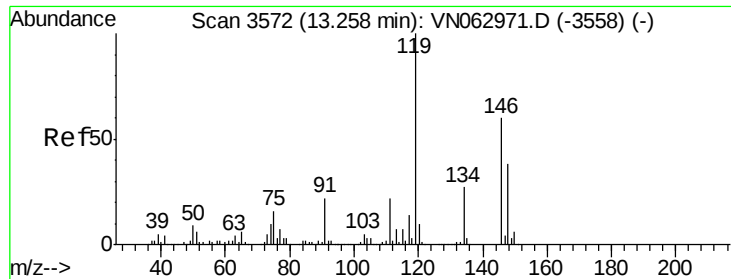
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#86
 p-Isopropyltoluene
 Concen: 0.773 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.2	13.6	40.7
91	25.0	11.1	33.1





#87

1,3-Dichlorobenzene

Concen: 0.925 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062968.D

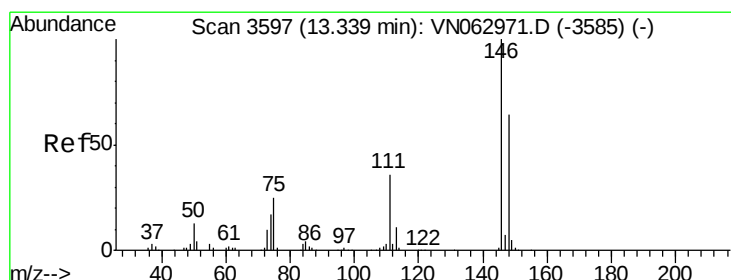
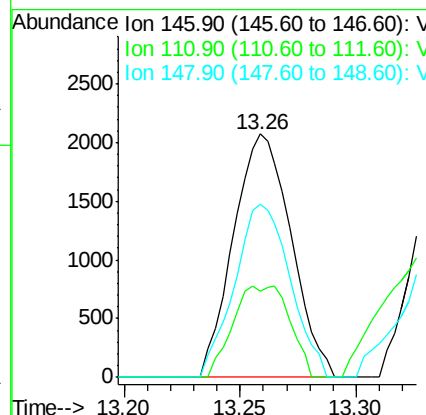
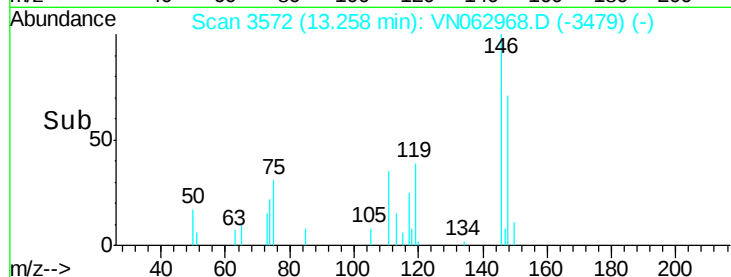
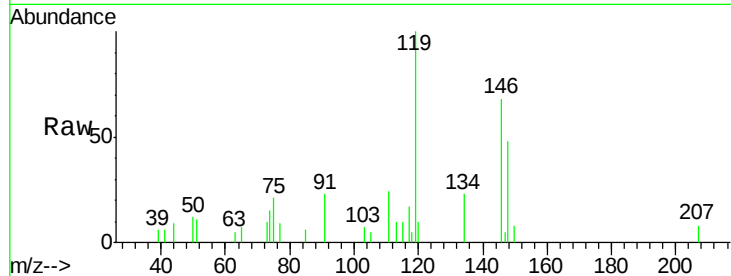
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.5
148	68.6	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 1.070 ug/l m

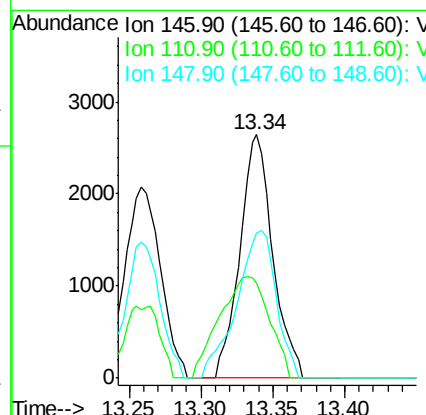
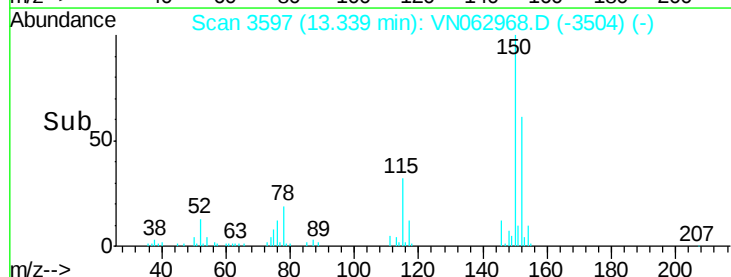
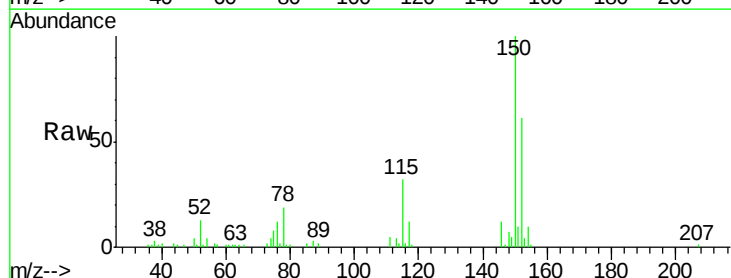
RT: 13.34 min Scan# 3597

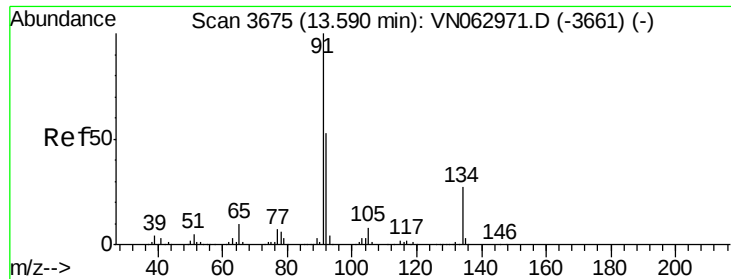
Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.7	18.4	55.2
148	59.0	32.1	96.5





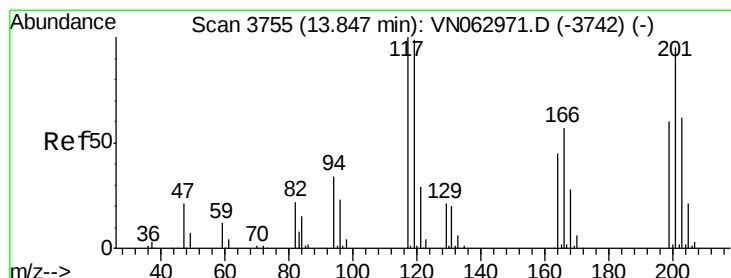
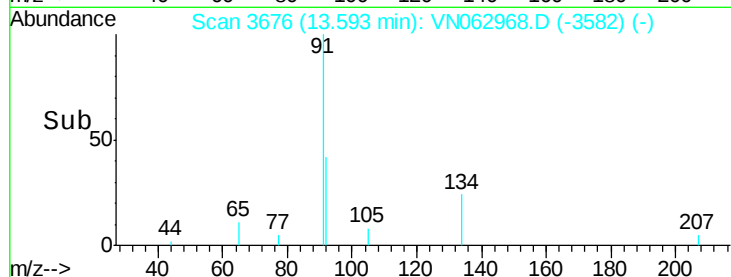
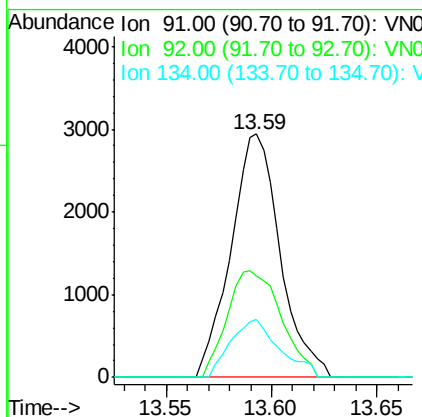
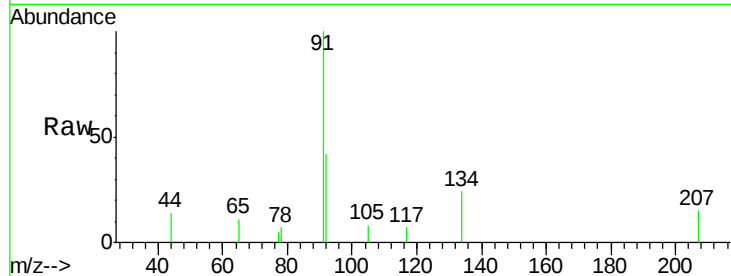
#89
n-Butylbenzene
Concen: 0.774 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	47.8	26.3	78.8
134	23.5	13.4	40.2

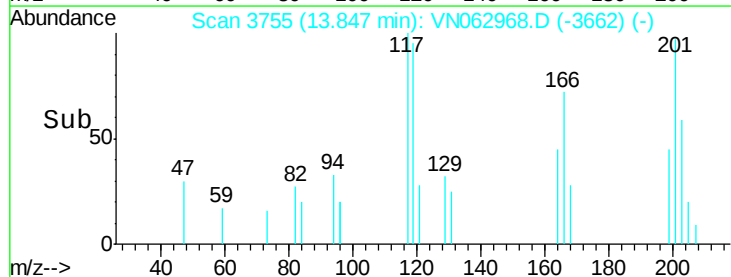
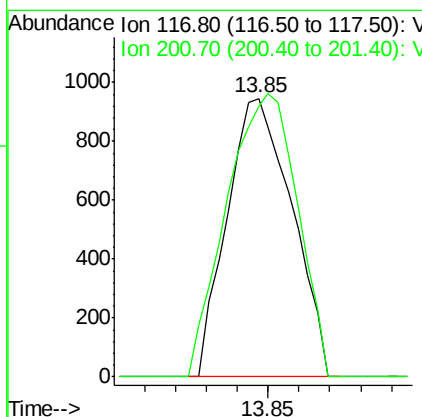
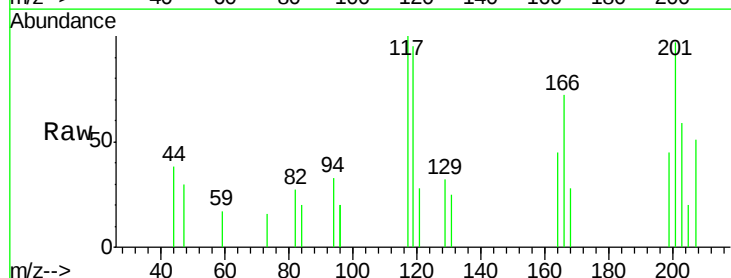
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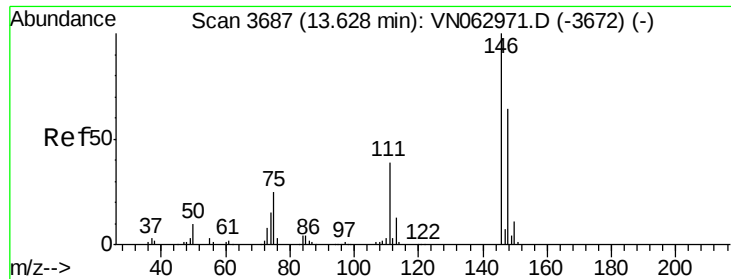
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#90
Hexachloroethane
Concen: 0.878 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. 0.00 min
Lab File: VN062968.D
Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	111.2	48.4	145.3





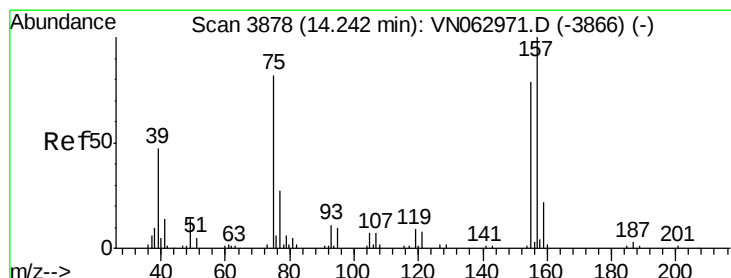
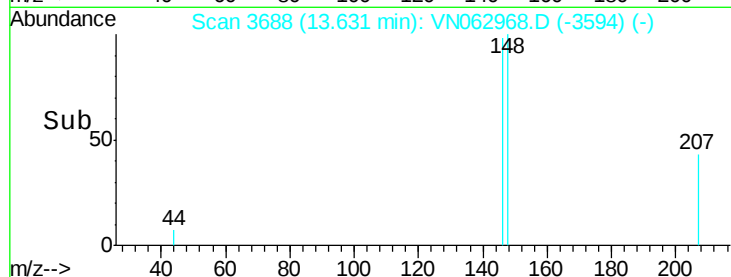
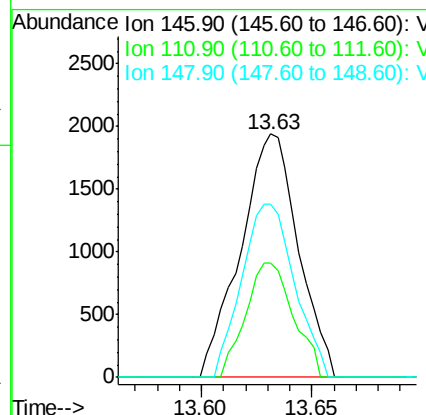
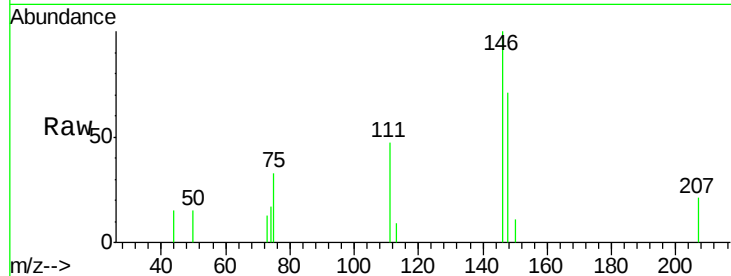
#91
 1,2-Dichlorobenzene
 Concen: 0.969 ug/l
 RT: 13.63 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.4
148	65.2	32.5	97.5

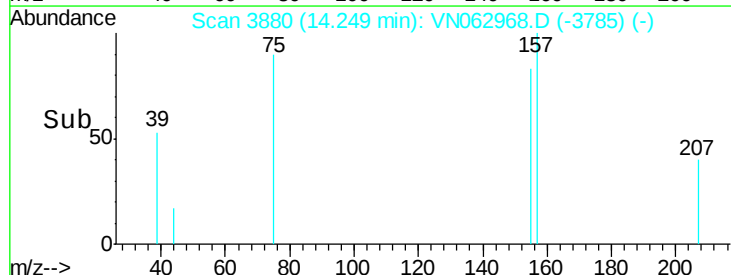
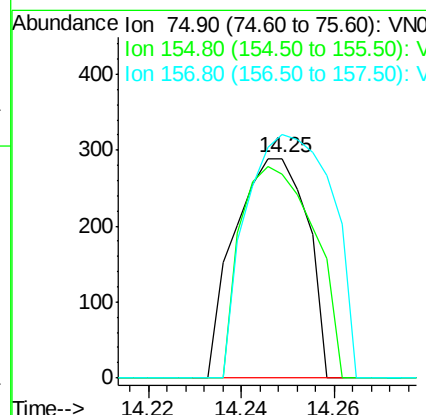
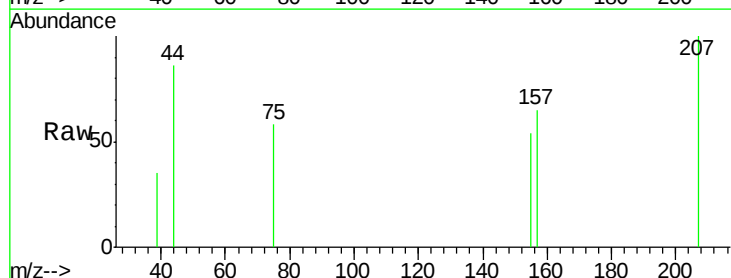
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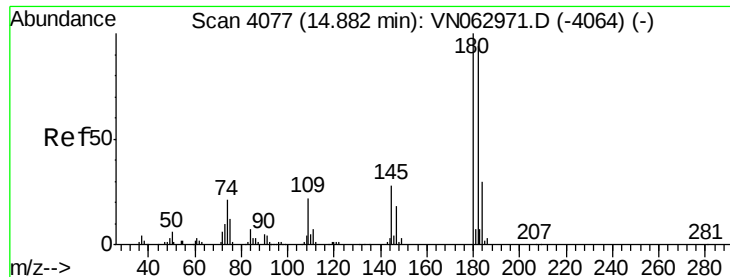
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.504 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.01 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	47.6	142.8
157	131.9	61.4	184.1





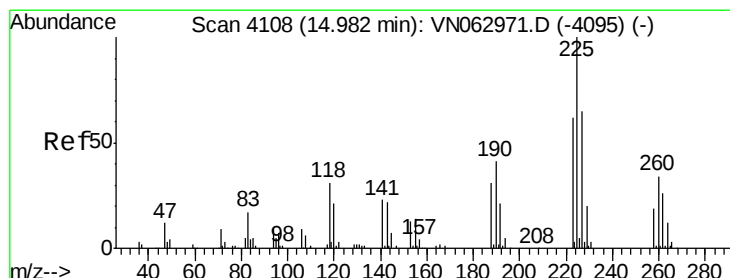
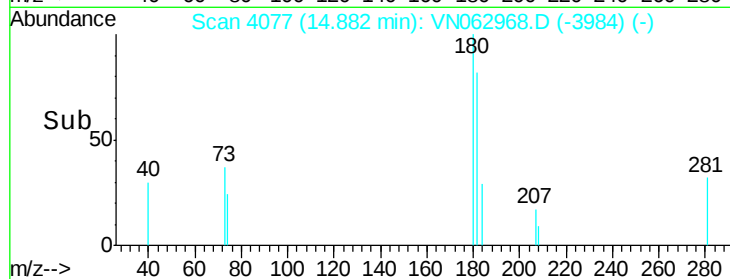
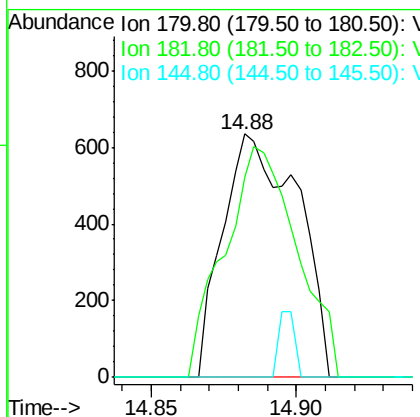
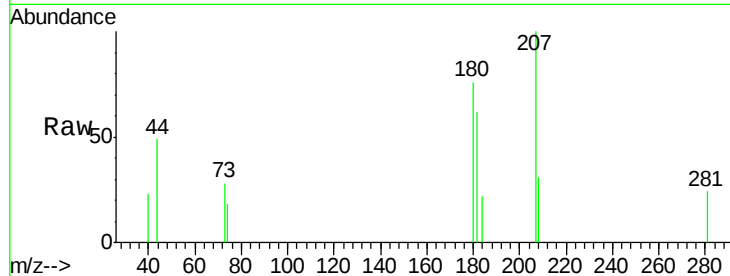
#93
 1,2,4-Trichlorobenzene
 Concen: 0.661 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.8	143.3
145	5.8	13.9	41.7#

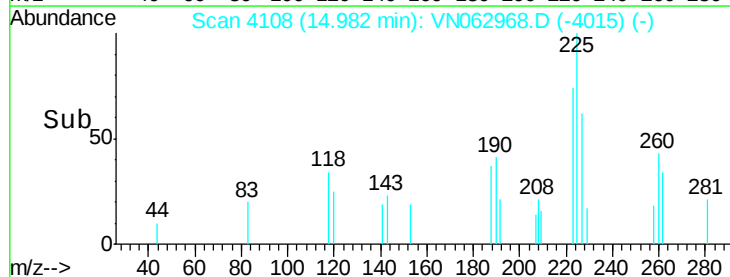
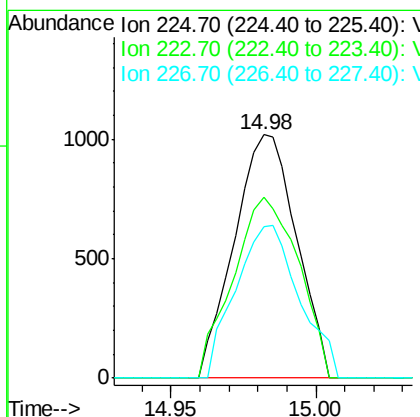
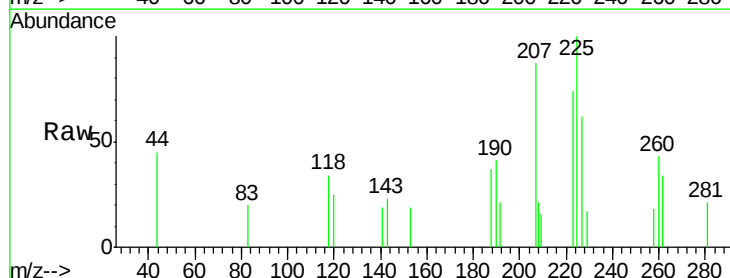
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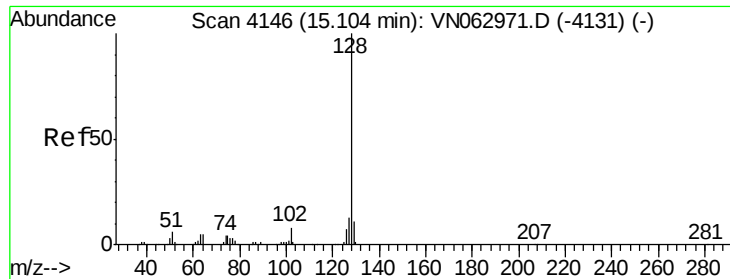
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#94
 Hexachlorobutadiene
 Concen: 1.176 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062968.D
 Acq: 17 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	78.2	30.9	92.5
227	64.1	32.0	96.0





#95

Naphthalene

Concen: 0.616 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

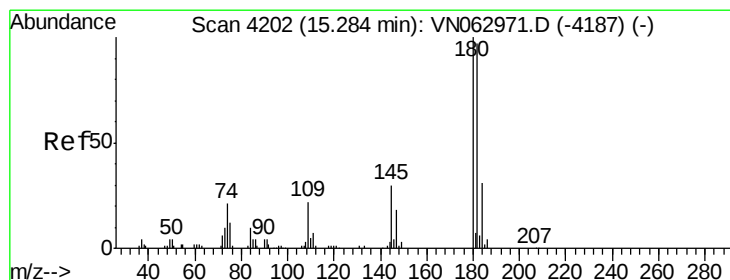
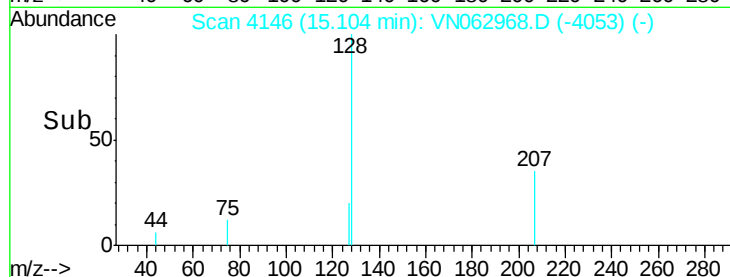
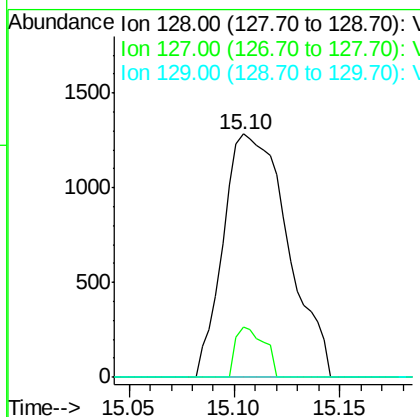
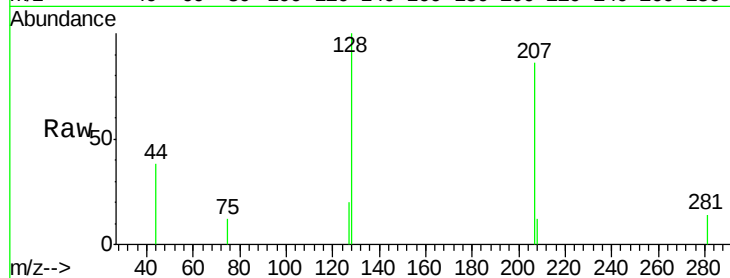
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	2721
Ion Ratio	Lower	Upper	
128	100		
127	9.1	10.6	15.8#
129	0.0	8.6	12.8#

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#96

1,2,3-Trichlorobenzene

Concen: 0.733 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062968.D

Acq: 17 Aug 2020 13:26

Tgt Ion:	180	Resp:	1220
Ion Ratio	Lower	Upper	
180	100		
182	103.2	49.3	147.8
145	14.1	15.0	45.0#

