

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062062.D
 Acq On : 24 Jun 2020 13:46
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:17:43 PM

Quant Time: Jun 24 15:11:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:04:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	290449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	515649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181083	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	3620	1.103	ug/l	88
3) Chloromethane	2.04	50	5206	1.205	ug/l	99
4) Vinyl Chloride	2.16	62	5876	1.137	ug/l	95
6) Chloroethane	2.67	64	3797	1.075	ug/l	97
7) Trichlorofluoromethane	2.98	101	7564	1.187	ug/l	93
8) Diethyl Ether	3.37	74	2311	1.039	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	3675	1.102	ug/l #	69
12) 1,1-Dichloroethene	3.69	96	3534	1.060	ug/l	97
14) Allyl chloride	4.27	41	4885	1.076	ug/l #	85
15) Acrylonitrile	4.93	53	8100	5.079	ug/l #	89
16) Acetone	3.78	43	9770	6.689	ug/l	98
17) Carbon Disulfide	4.01	76	14485	1.361	ug/l	96
18) Methyl Acetate	4.28	43	4021	1.241	ug/l #	65
19) Methyl tert-butyl Ether	4.99	73	11003	1.032	ug/l	100
20) Methylene Chloride	4.50	84	5037	1.224	ug/l #	89
21) trans-1,2-Dichloroethene	4.97	96	4344m	1.283	ug/l	
22) Diisopropyl ether	5.91	45	10711	1.036	ug/l #	96
23) Vinyl Acetate	5.84	43	40505	4.799	ug/l	97
24) 1,1-Dichloroethane	5.80	63	7471	1.122	ug/l #	82
25) 2-Butanone	6.79	43	10132	5.086	ug/l	99
26) 2,2-Dichloropropane	6.77	77	5827	1.050	ug/l	93
27) cis-1,2-Dichloroethene	6.77	96	4877m	1.221	ug/l	
28) Bromochloromethane	7.16	49	3130m	1.214	ug/l	
29) Tetrahydrofuran	7.17	42	6216	4.763	ug/l	94
30) Chloroform	7.32	83	7700	1.137	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	6015	1.053	ug/l #	49
36) 1,1-Dichloropropene	7.75	75	5799	1.119	ug/l	92
37) Ethyl Acetate	6.88	43	5027	1.171	ug/l #	74
38) Carbon Tetrachloride	7.73	117	5283	1.081	ug/l	92
39) Methylcyclohexane	9.04	83	6301	1.110	ug/l	96
40) Benzene	8.00	78	17242	1.091	ug/l	96
41) Methacrylonitrile	7.12	41	2251	1.131	ug/l #	21
42) 1,2-Dichloroethane	8.08	62	5573	1.044	ug/l	85
43) Isopropyl Acetate	8.12	43	6866	0.981	ug/l	94

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	4406	1.106	ug/l	94
45) 1,2-Dichloropropane	9.08	63	4212	1.081	ug/l	94
46) Dibromomethane	9.17	93	2773	1.049	ug/l	96
47) Bromodichloromethane	9.36	83	5493	1.030	ug/l	89
48) Methyl methacrylate	9.17	41	3033	0.967	ug/l	91
49) 1,4-Dioxane	9.16	88	1160	16.675	ug/l #	78
51) 4-Methyl-2-Pentanone	9.95	43	17752	4.343	ug/l	99
52) Toluene	10.12	92	9183	0.953	ug/l	88
53) t-1,3-Dichloropropene	10.35	75	5531	0.942	ug/l #	87
54) cis-1,3-Dichloropropene	9.81	75	5746	0.919	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	3649	0.963	ug/l	93
56) Ethyl methacrylate	10.40	69	4064	0.804	ug/l	93
57) 1,3-Dichloropropane	10.68	76	6459	0.990	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.66	63	6278	3.306	ug/l	98
59) 2-Hexanone	10.72	43	11860	4.018	ug/l	96
60) Dibromochloromethane	10.87	129	3911	0.975	ug/l	97
61) 1,2-Dibromoethane	10.98	107	3915	1.006	ug/l	96
64) Tetrachloroethene	10.60	164	3625	1.149	ug/l	88
65) Chlorobenzene	11.40	112	11363	1.121	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.48	131	3524	1.005	ug/l #	56
67) Ethyl Benzene	11.48	91	16785	0.980	ug/l	99
68) m/p-Xylenes	11.59	106	12434	1.877	ug/l	95
69) o-Xylene	11.92	106	5914	0.946	ug/l	96
70) Styrene	11.94	104	8938	0.858	ug/l	99
71) Bromoform	12.10	173	2226	0.893	ug/l #	95
73) Isopropylbenzene	12.22	105	14507	1.035	ug/l	97
74) N-amyl acetate	12.05	43	3666	0.800	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	5549	1.190	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	4614m	1.020	ug/l	
77) Bromobenzene	12.50	156	3953	1.136	ug/l	89
78) n-propylbenzene	12.56	91	16883	1.053	ug/l	97
79) 2-Chlorotoluene	12.65	91	10356	1.068	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	10758	0.947	ug/l	99
82) 4-Chlorotoluene	12.75	91	10200	1.018	ug/l	91
83) tert-Butylbenzene	12.97	119	10006	1.029	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	10541	0.929	ug/l	99
85) sec-Butylbenzene	13.15	105	12515	0.974	ug/l	98
86) p-Isopropyltoluene	13.26	119	10077	0.895	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	6672	1.092	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	7545m	1.226	ug/l	
89) n-Butylbenzene	13.59	91	8943	0.955	ug/l	97
90) Hexachloroethane	13.85	117	2381	1.078	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	6399	1.080	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	695	0.930	ug/l	88
93) 1,2,4-Trichlorobenzene	14.88	180	2511	0.970	ug/l	89
94) Hexachlorobutadiene	14.99	225	1265	1.125	ug/l	91
95) Naphthalene	15.11	128	7193	0.953	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	2741	1.036	ug/l	91

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ClientSampleId :
VSTDICC001

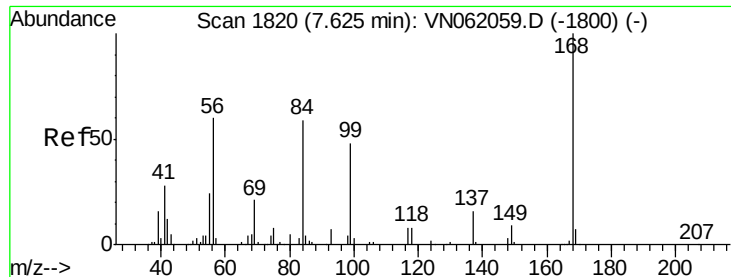
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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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# 1818

Delta R.T. -0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 290449

Ion Ratio Lower Upper

168 100

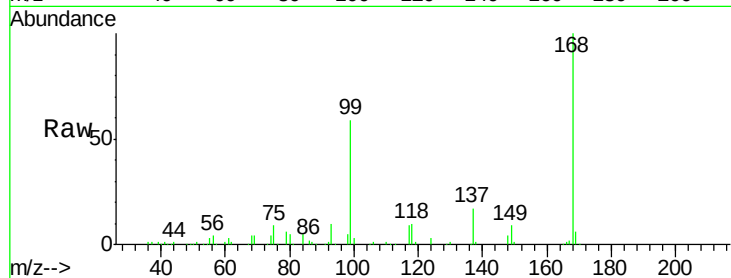
99 58.9 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

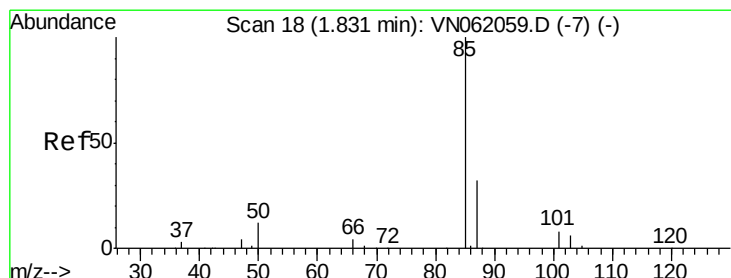
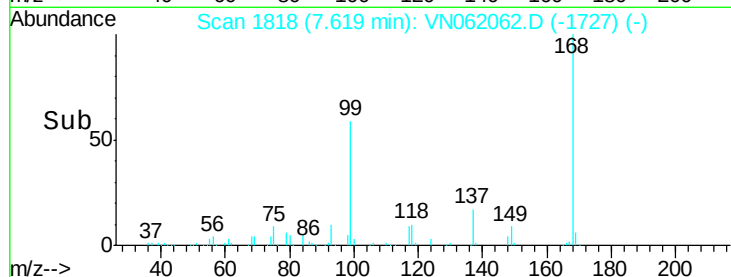
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.103 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062062.D

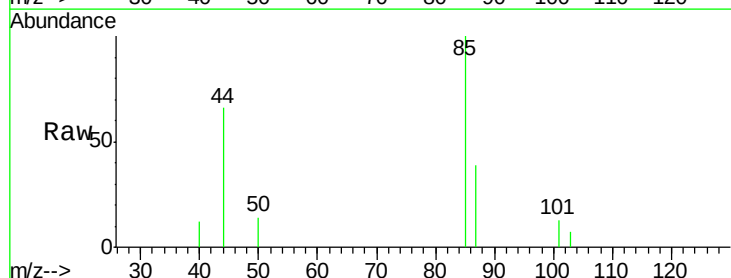
Acq: 24 Jun 2020 13:46

Tgt Ion: 85 Resp: 3620

Ion Ratio Lower Upper

85 100

87 38.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

3000

2500

2000

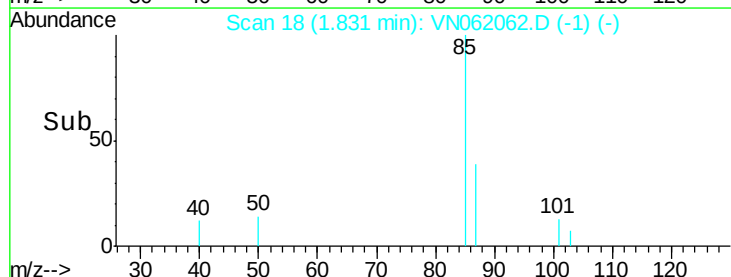
1500

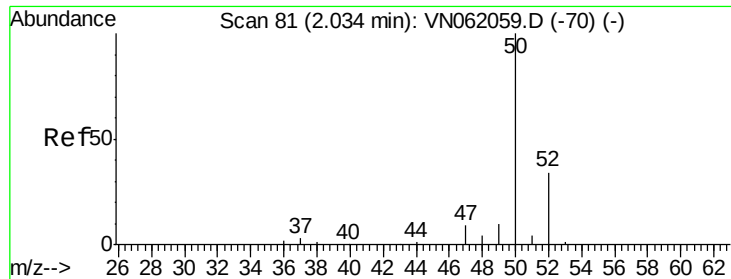
1000

500

0

Time-->





#3

Chloromethane

Concen: 1.205 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5206

Ion Ratio Lower Upper

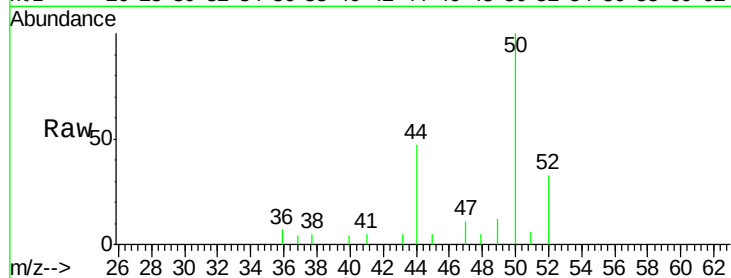
50 100

52 33.0 27.0 40.6

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

4000

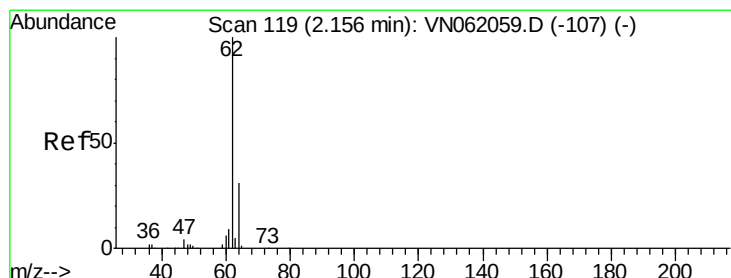
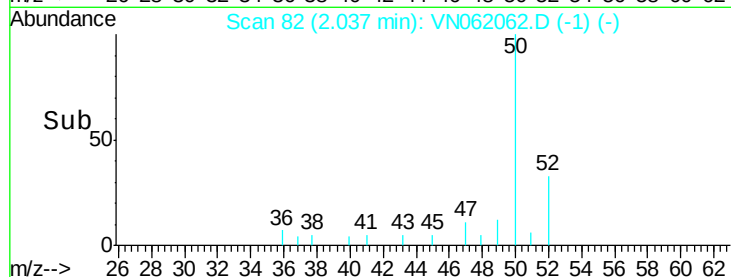
3000

2000

1000

0

Time-->



#4

Vinyl Chloride

Concen: 1.137 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062062.D

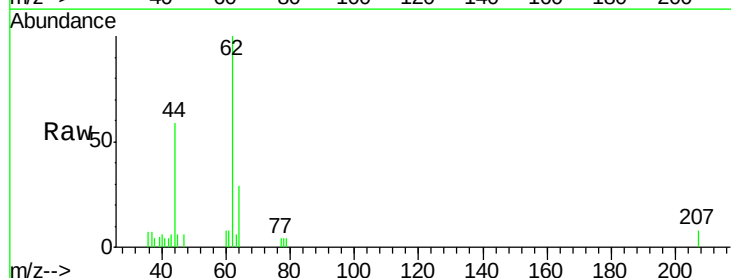
Acq: 24 Jun 2020 13:46

Tgt Ion: 62 Resp: 5876

Ion Ratio Lower Upper

62 100

64 28.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

4000

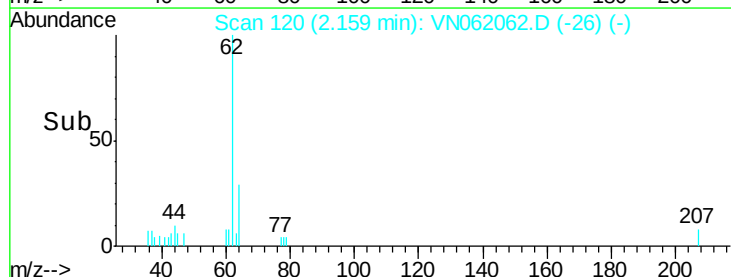
3000

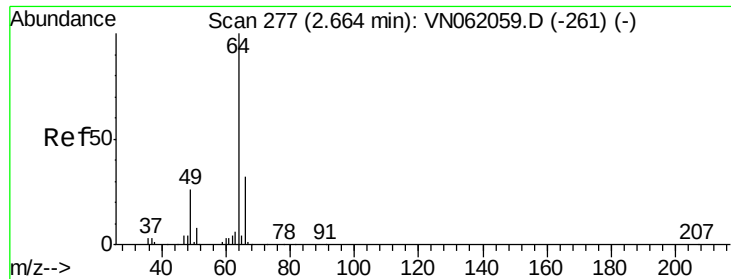
2000

1000

0

Time-->





#6

Chloroethane

Concen: 1.075 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3797

Ion Ratio Lower Upper

64 100

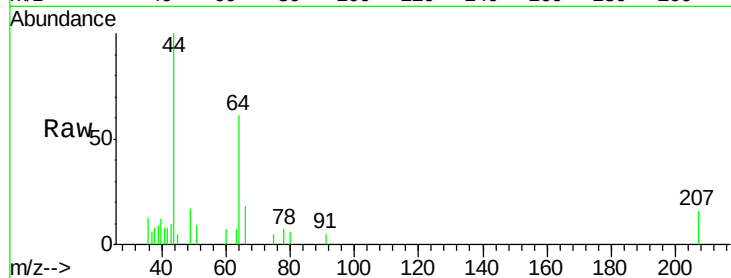
66 30.4 25.8 38.6

Manual Integrations

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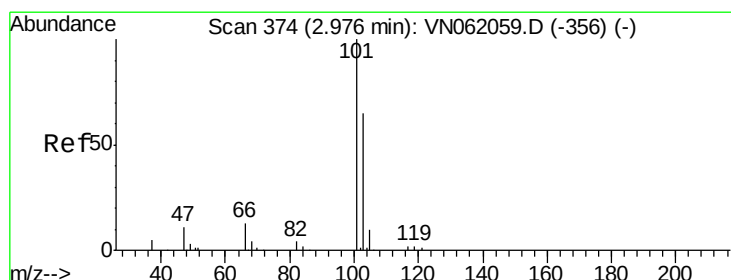
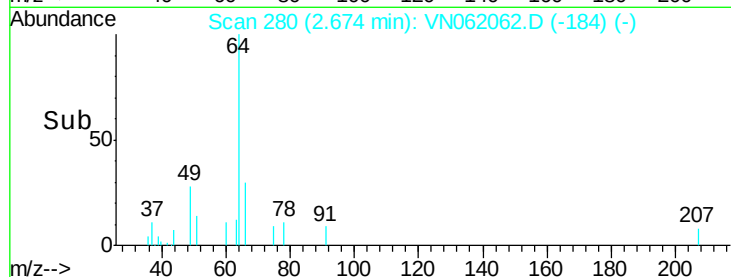
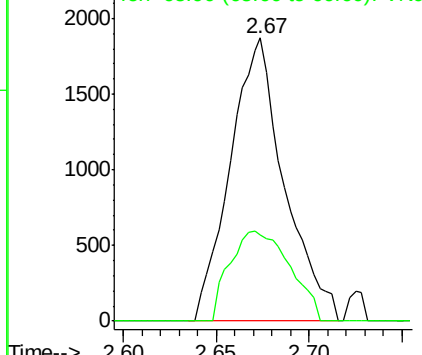
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Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)



#7

Trichlorofluoromethane

Concen: 1.187 ug/l

RT: 2.98 min Scan# 374

Delta R.T. -0.00 min

Lab File: VN062062.D

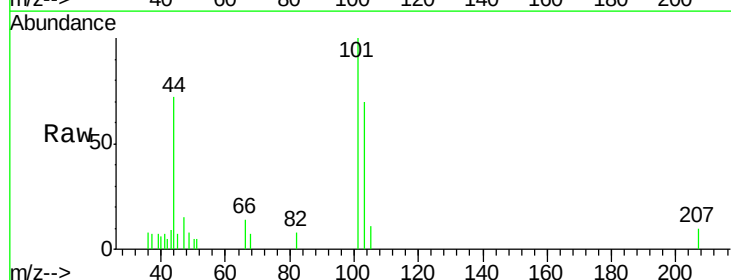
Acq: 24 Jun 2020 13:46

Tgt Ion: 101 Resp: 7564

Ion Ratio Lower Upper

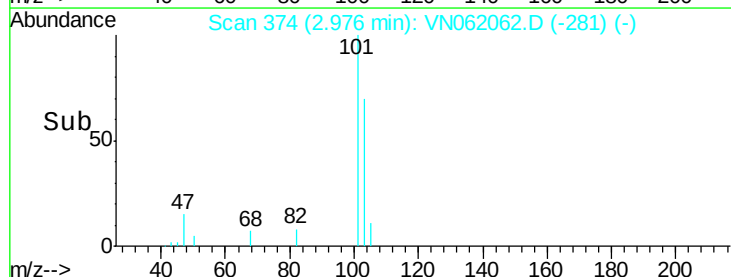
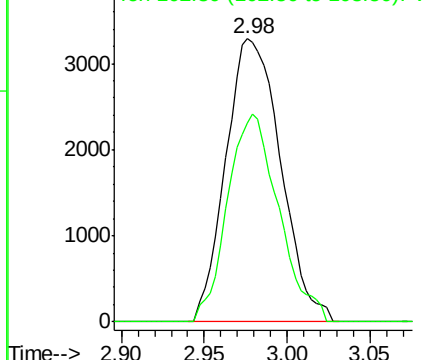
101 100

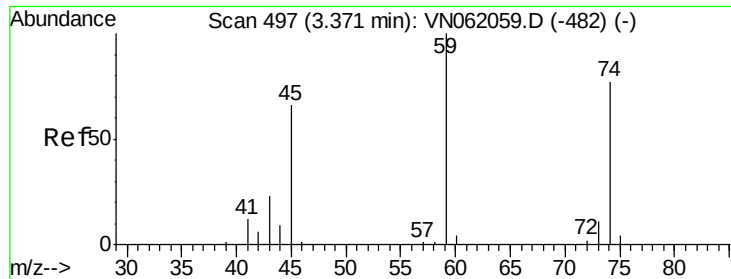
103 70.3 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): VN062059.D (-356) (-)

Ion 102.80 (102.50 to 103.50): VN062059.D (-356) (-)





#8

Diethyl Ether

Concen: 1.039 ug/l

RT: 3.37 min Scan# 497

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 2311

Ion Ratio Lower Upper

74 100

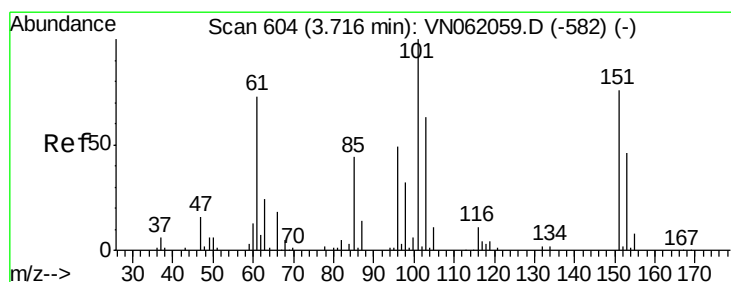
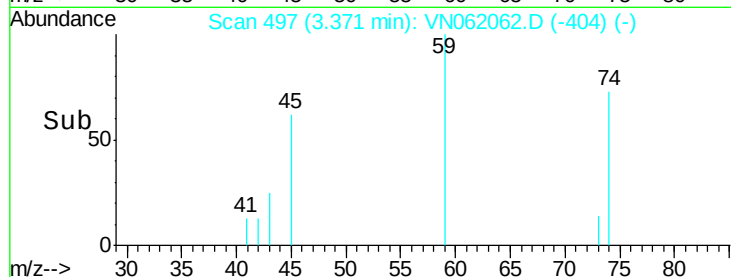
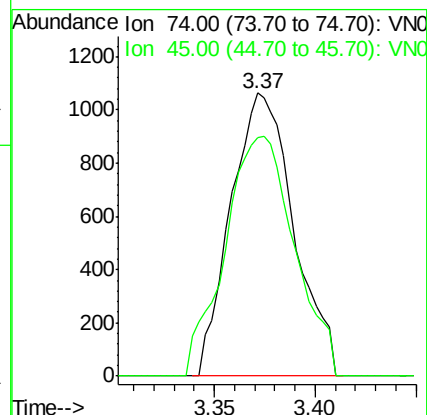
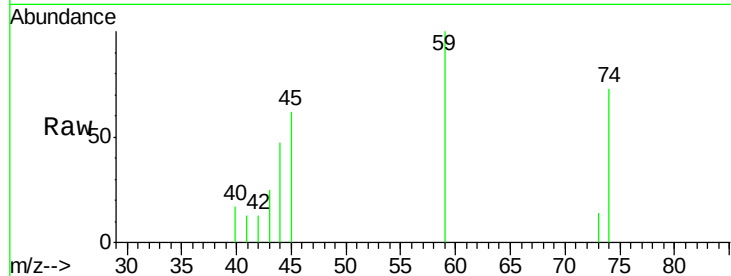
45 93.5 42.5 127.5

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.102 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

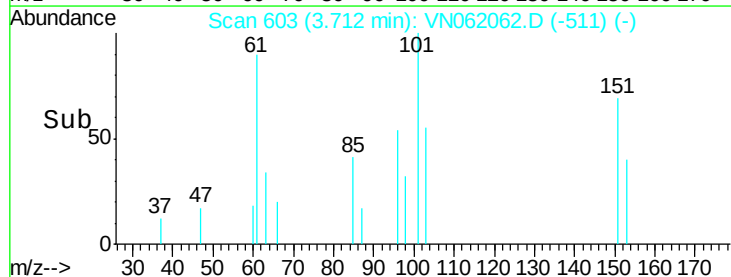
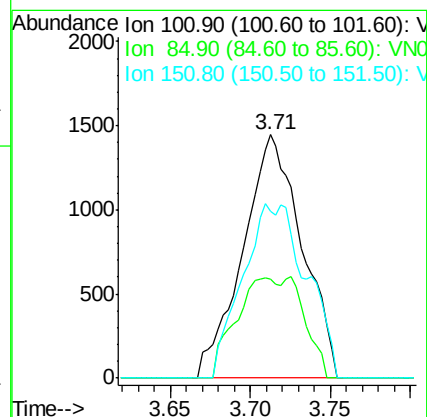
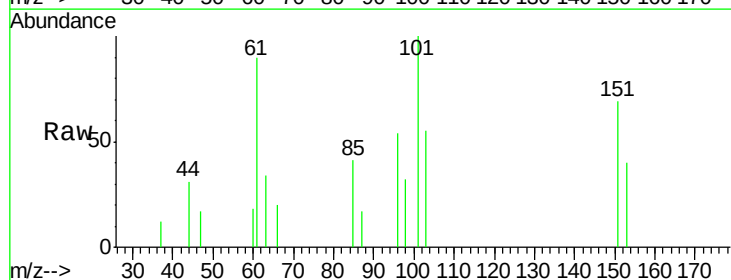
Tgt Ion: 101 Resp: 3675

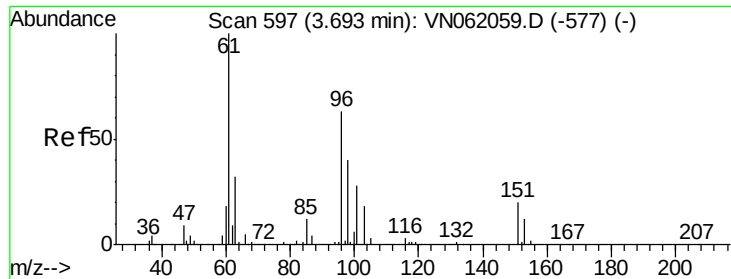
Ion Ratio Lower Upper

101 100

85 30.5 34.5 51.7#

151 41.2 57.8 86.8#





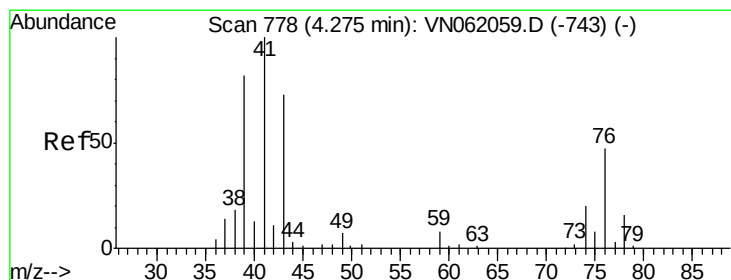
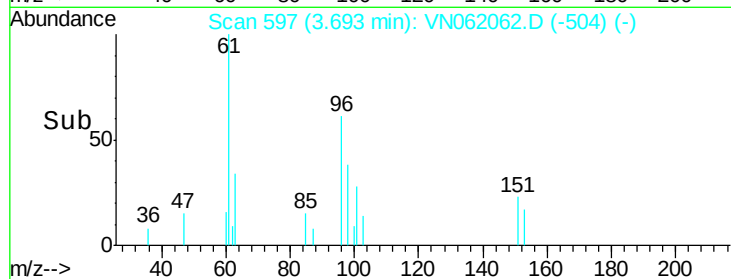
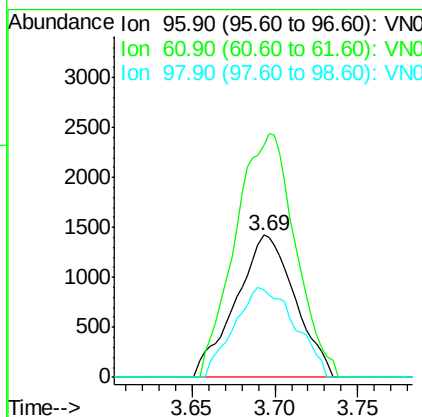
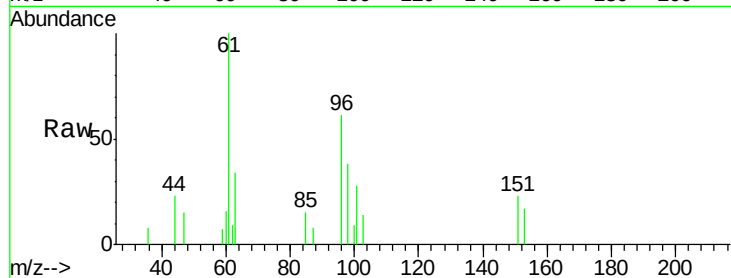
#12
1,1-Dichloroethene
Concen: 1.060 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.4	126.7	190.1
98	61.7	51.0	76.4

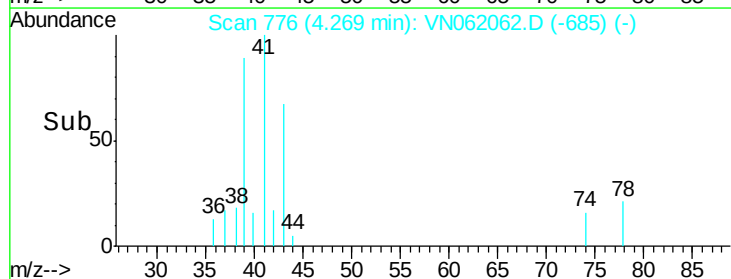
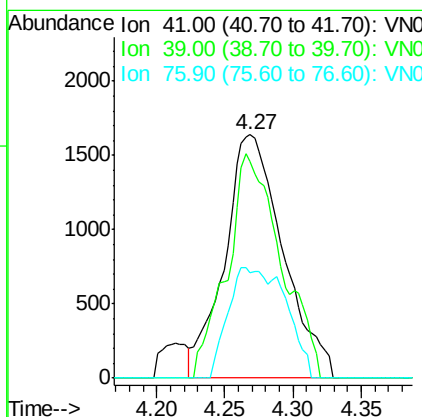
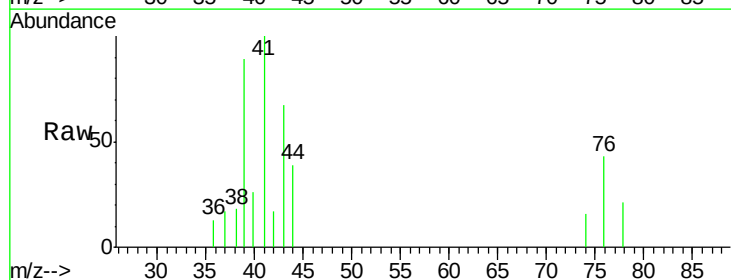
Manual Integrations
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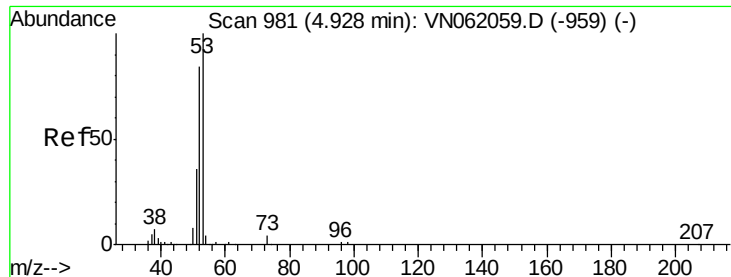
MMDadoda
6/25/2020 6:17:43 PM



#14
Allyl chloride
Concen: 1.076 ug/l
RT: 4.27 min Scan# 776
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
41	100		
39	85.1	60.0	90.0
76	29.2	34.1	51.1#





#15

Acrylonitrile

Concen: 5.079 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

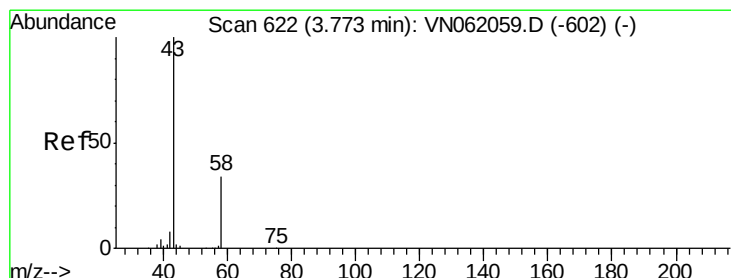
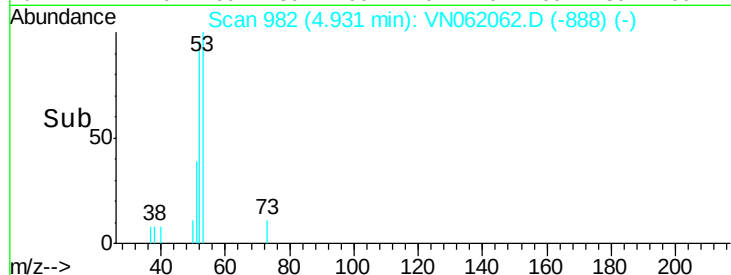
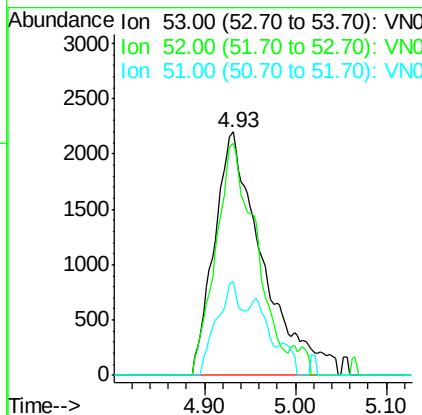
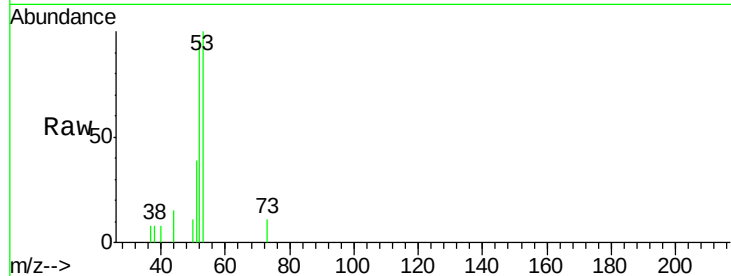
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	8100
Ion	Ratio	Lower	Upper
53	100		
52	80.0	66.2	99.4
51	19.6	28.9	43.3#

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#16

Acetone

Concen: 6.689 ug/l

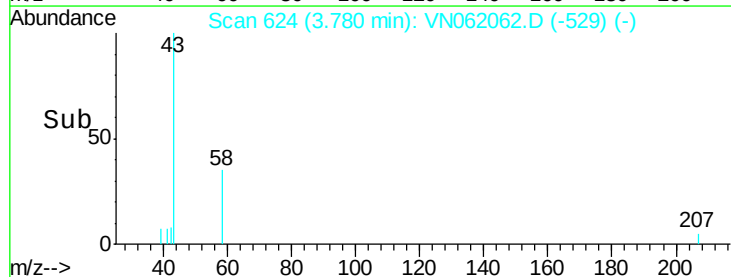
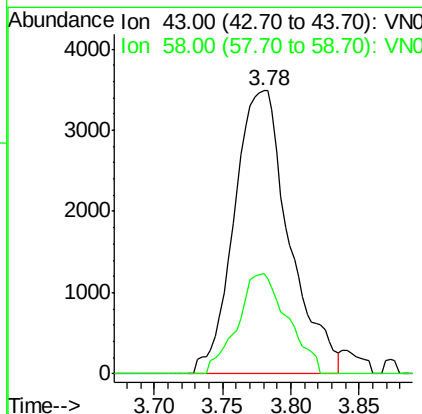
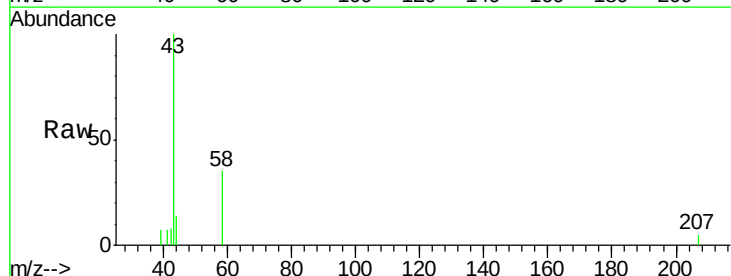
RT: 3.78 min Scan# 624

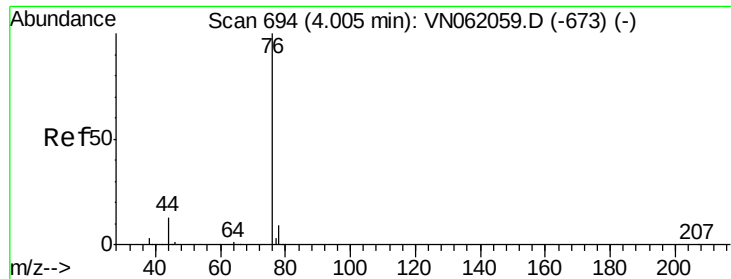
Delta R.T. 0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion:	43	Resp:	9770
Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.5	41.3





#17

Carbon Disulfide

Concen: 1.361 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 14485

Ion Ratio Lower Upper

76 100

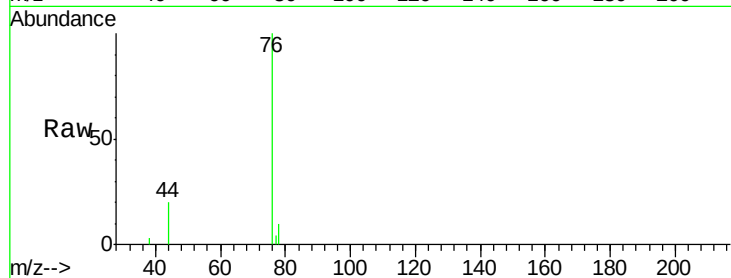
78 10.3 7.2 10.8

Manual Integrations

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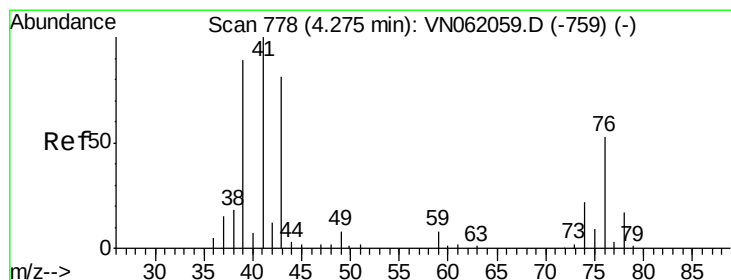
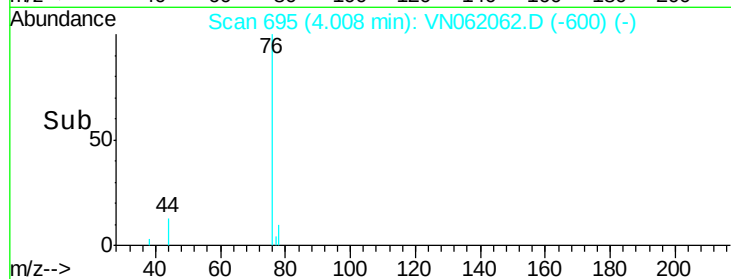
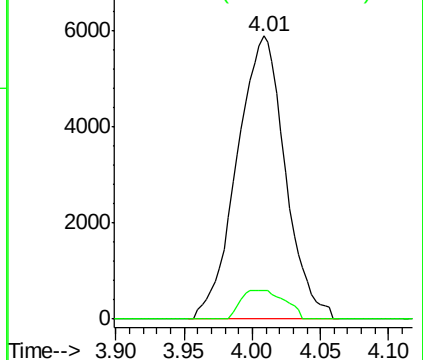
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)



#18

Methyl Acetate

Concen: 1.241 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062062.D

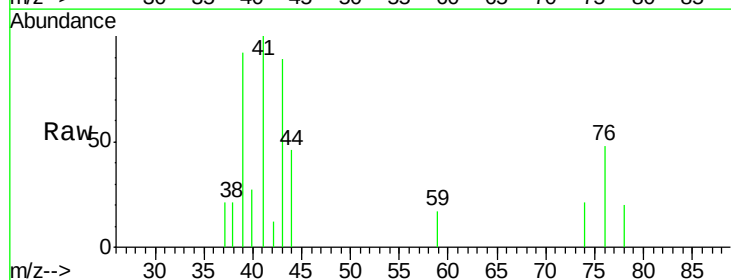
Acq: 24 Jun 2020 13:46

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

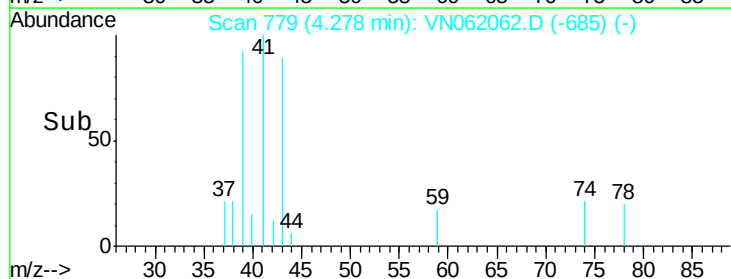
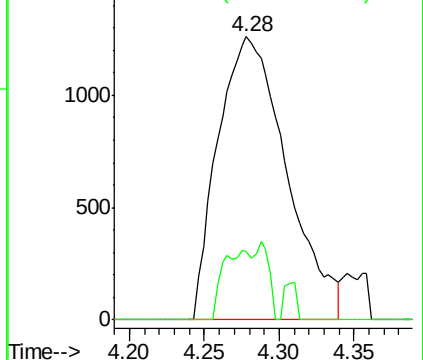
43 100

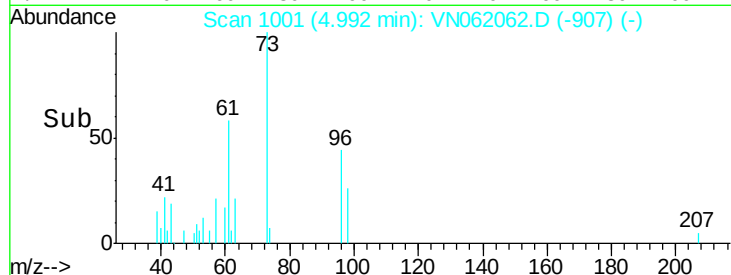
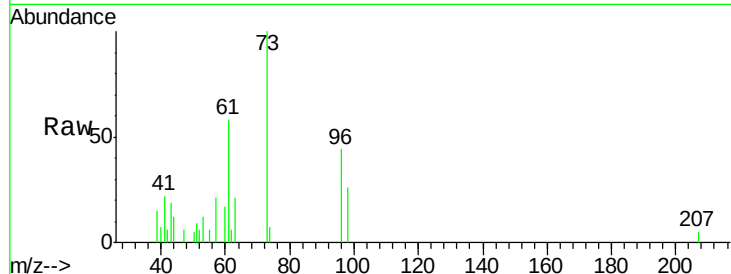
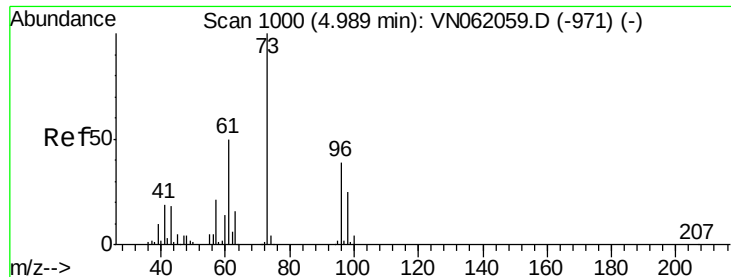
74 10.3 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)





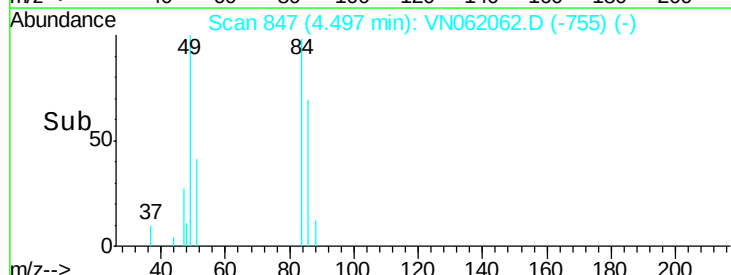
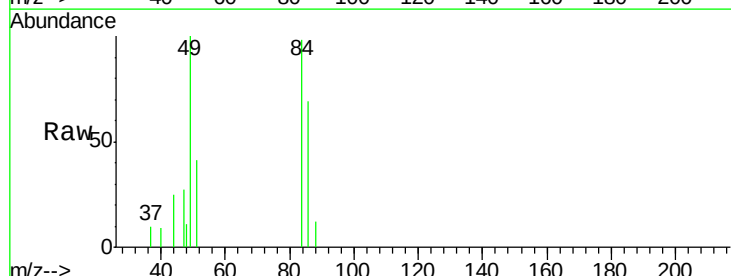
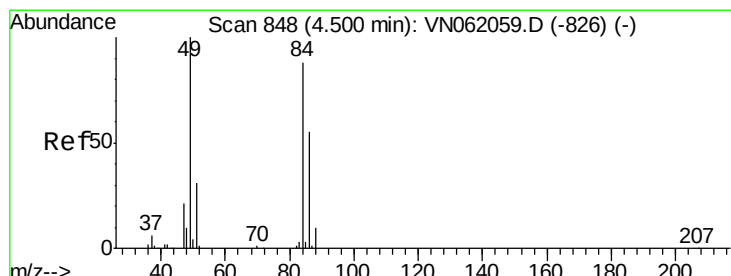
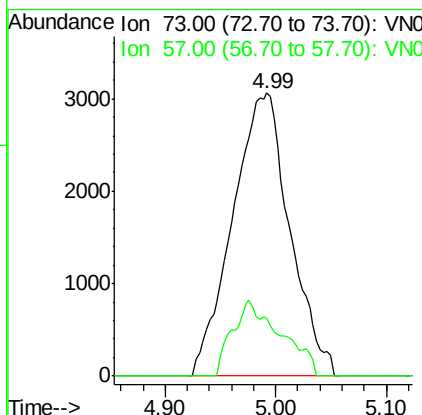
#19
Methyl tert-butyl Ether
Concen: 1.032 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tot Ion: 73 Resp: 11003
Ion Ratio Lower Upper
73 100
57 20.7 16.6 24.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

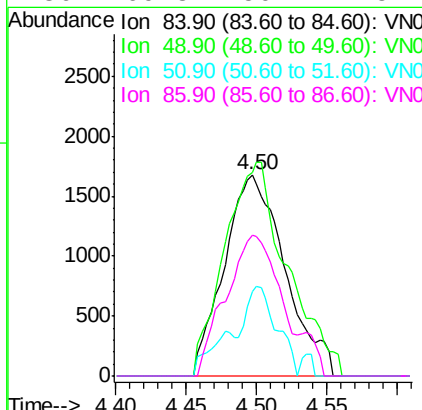
Manual Integrations
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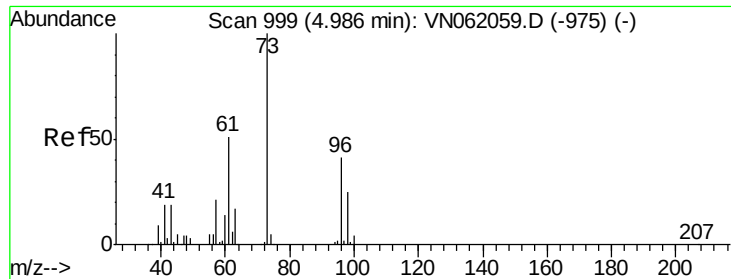
MMDadoda
6/25/2020 6:17:43 PM



#20
Methylene Chloride
Concen: 1.224 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 84 Resp: 5037
Ion Ratio Lower Upper
84 100
49 101.6 90.6 136.0
51 42.0 27.8 41.8#
86 69.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 1.283 ug/l m

RT: 4.97 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

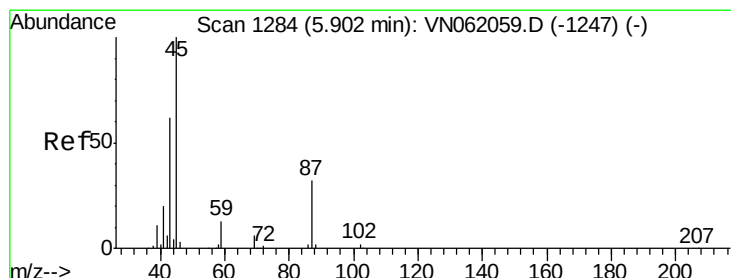
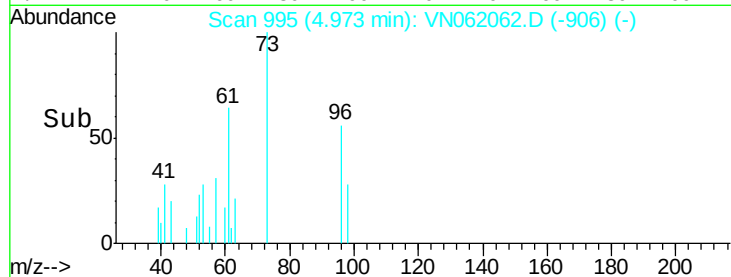
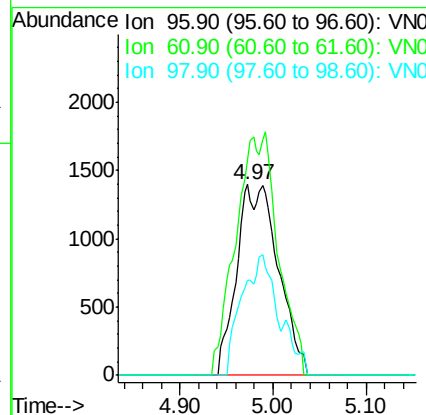
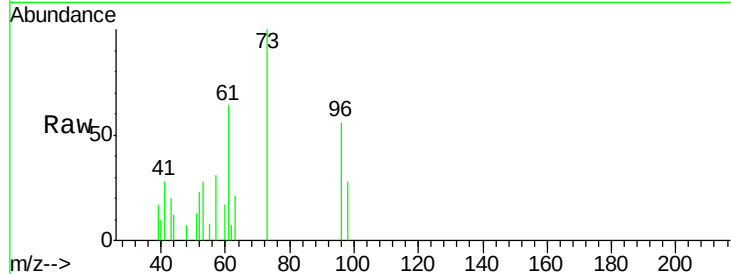
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	4344
Ion	Ratio	Lower	Upper
96	100		
61	113.1	101.4	152.2
98	49.9	49.3	73.9

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#22

Diisopropyl ether

Concen: 1.036 ug/l

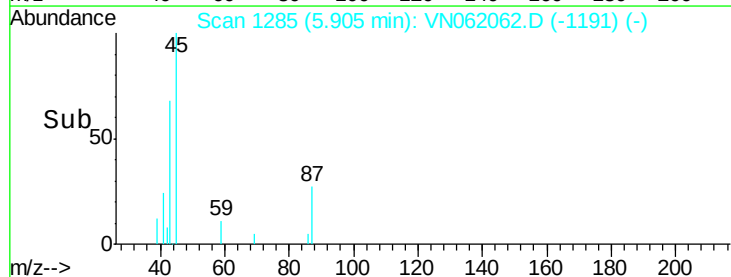
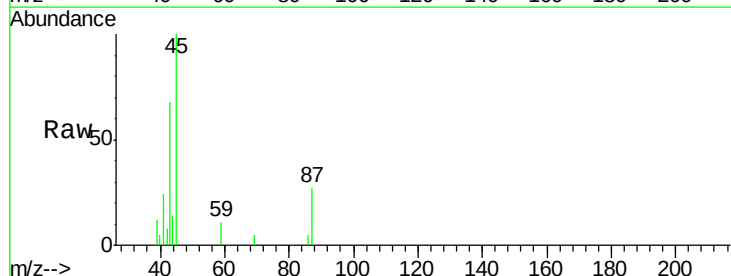
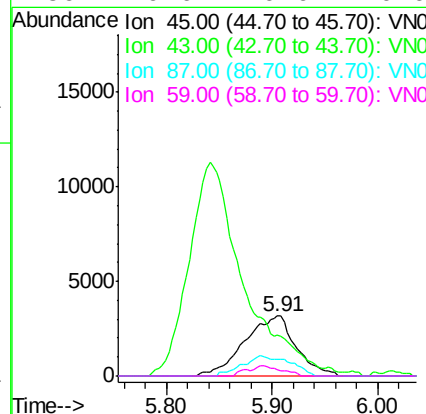
RT: 5.91 min Scan# 1285

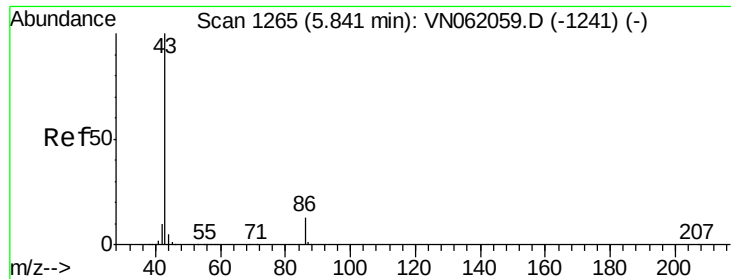
Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion:	45	Resp:	10711
Ion	Ratio	Lower	Upper
45	100		
43	61.6	49.7	74.5
87	27.2	25.9	38.9
59	10.6	10.6	16.0#





#23

Vinyl Acetate

Concen: 4.799 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 40505

Ion Ratio Lower Upper

43 100

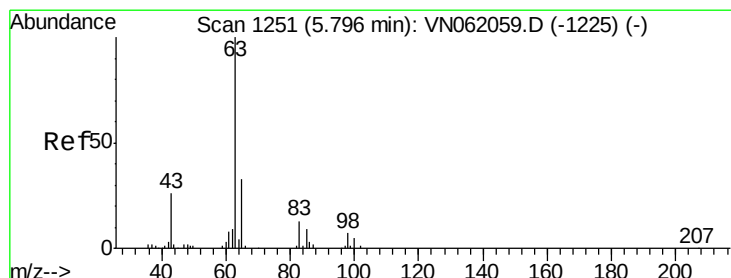
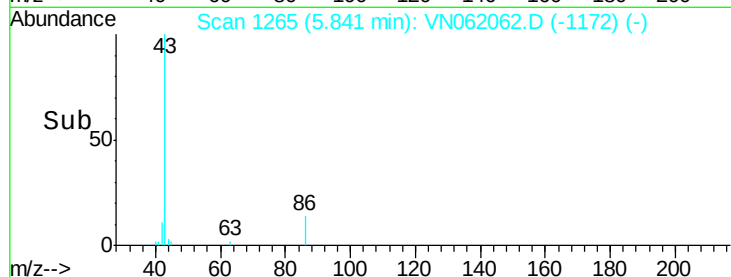
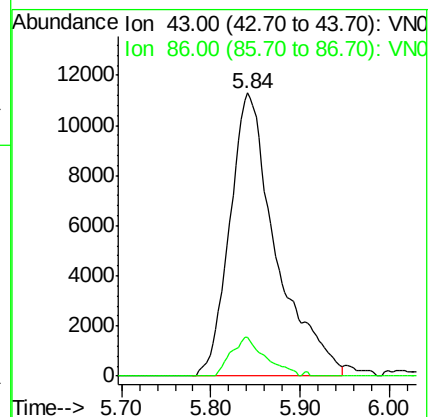
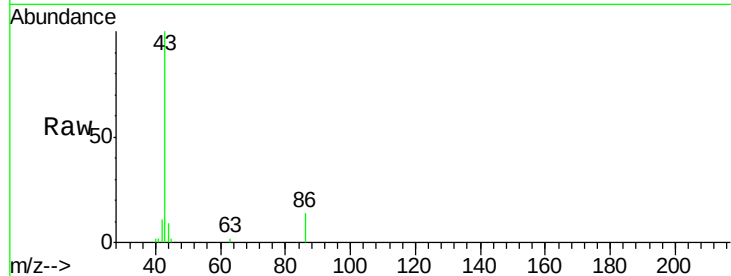
86 13.6 10.1 15.1

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#24

1,1-Dichloroethane

Concen: 1.122 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

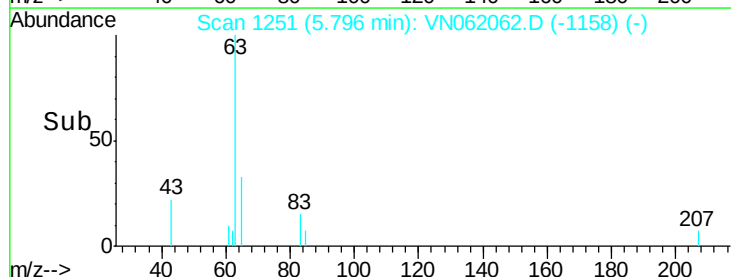
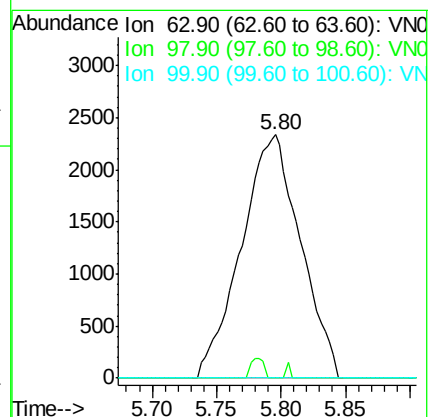
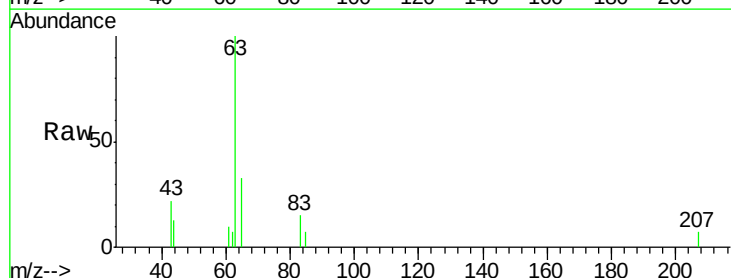
Tgt Ion: 63 Resp: 7471

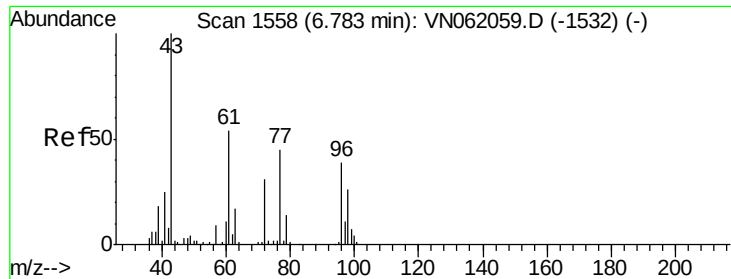
Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.9#

100 0.0 2.4 7.1#





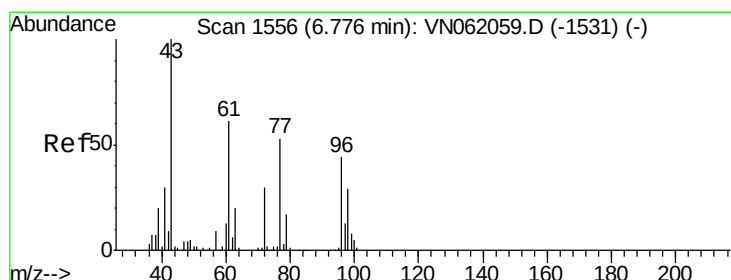
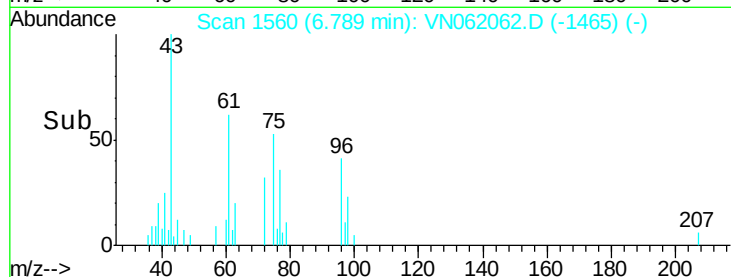
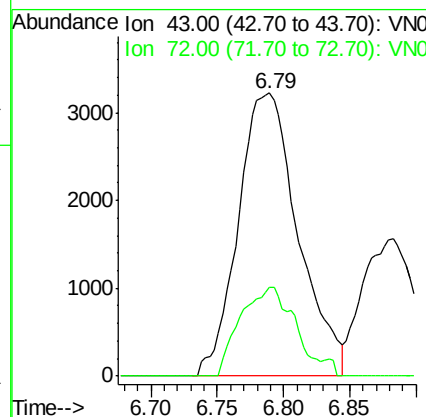
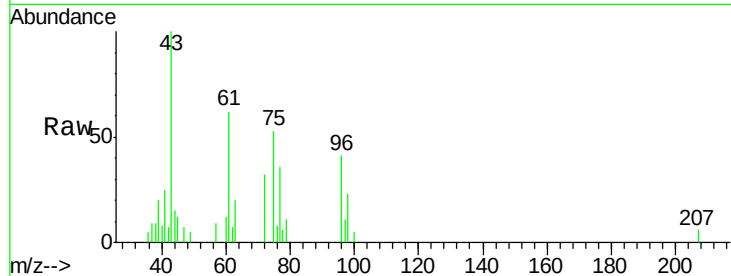
#25
 2-Butanone
 Concen: 5.086 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	43	Resp	10132
Ion Ratio	43	100	
Lower	72	31.6	24.8
Upper			37.2

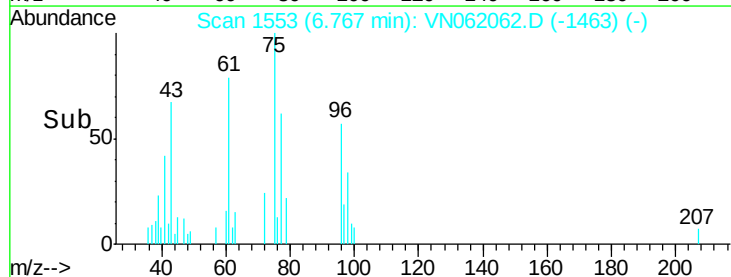
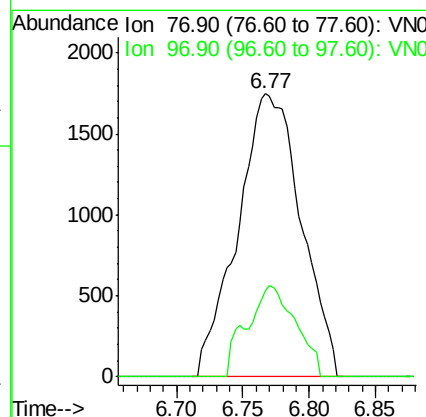
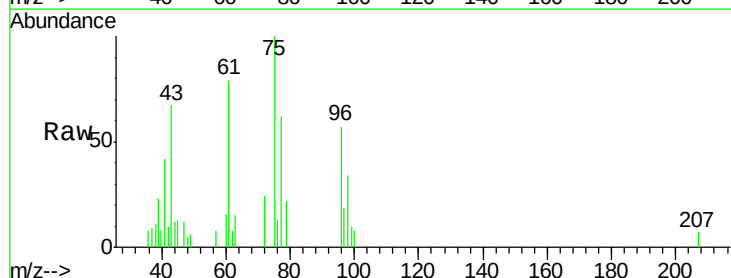
Manual Integrations
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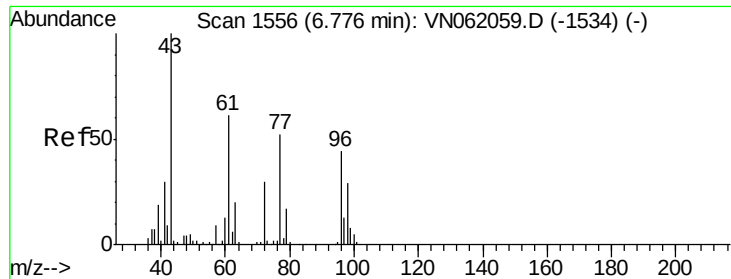
MMDadoda
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#26
 2,2-Dichloropropane
 Concen: 1.050 ug/l
 RT: 6.77 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion	77	Resp	5827
Ion Ratio	77	100	
Lower	97	20.1	11.8
Upper			35.3





#27

cis-1,2-Dichloroethene

Concen: 1.221 ug/l m

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

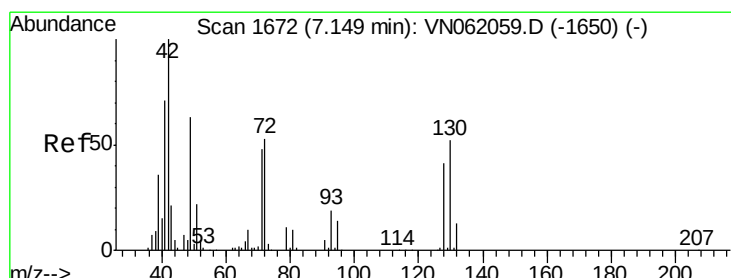
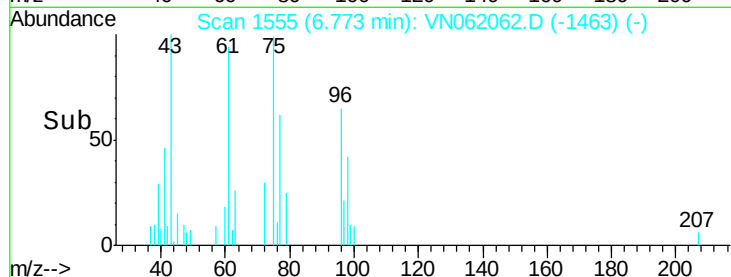
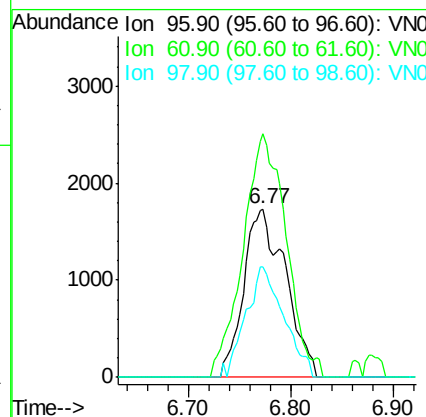
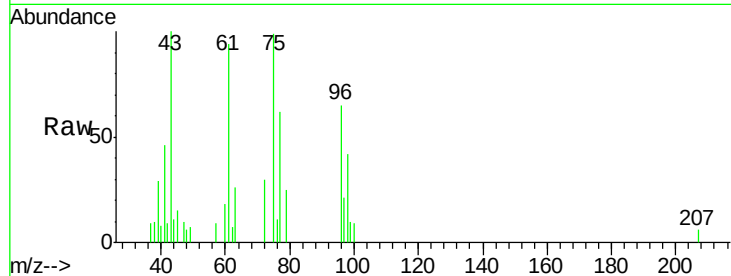
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	4877
Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	280.4
98	60.0	0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 1.214 ug/l m

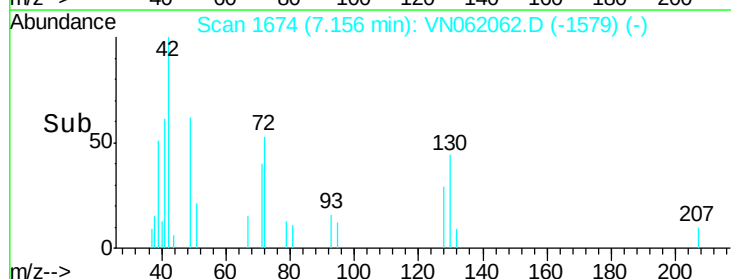
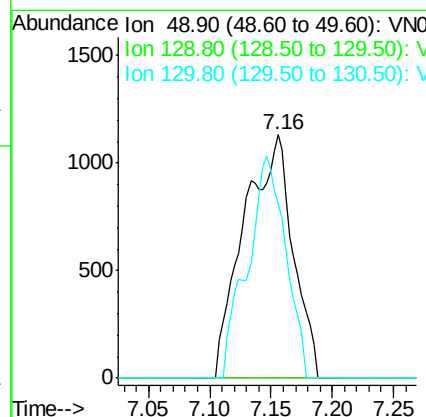
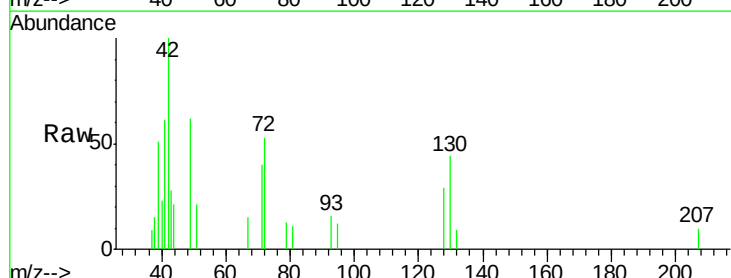
RT: 7.16 min Scan# 1674

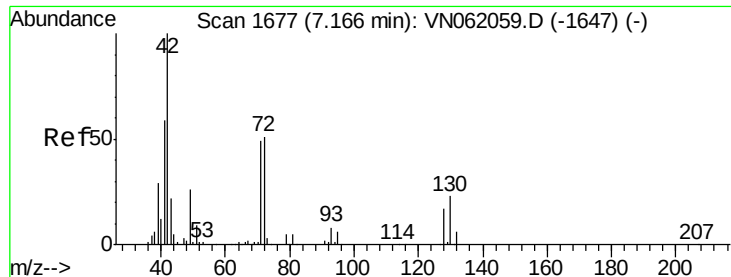
Delta R.T. 0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion:	49	Resp:	3130
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	72.0	65.5	98.3





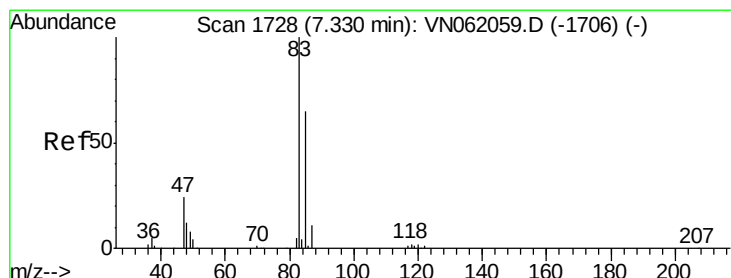
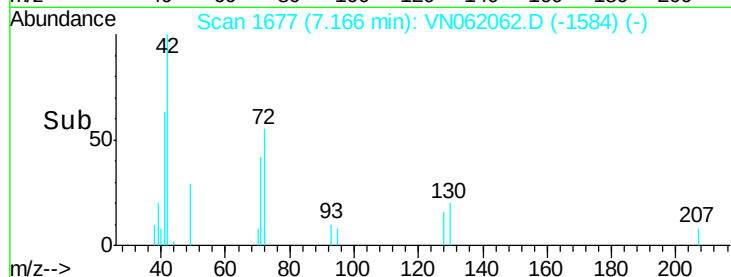
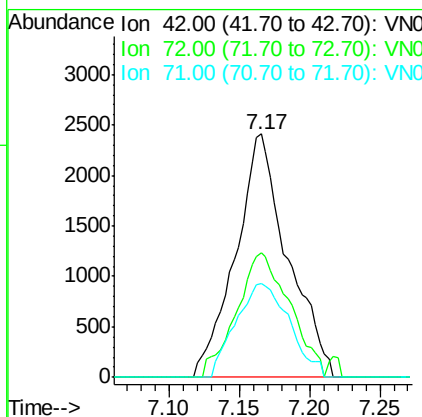
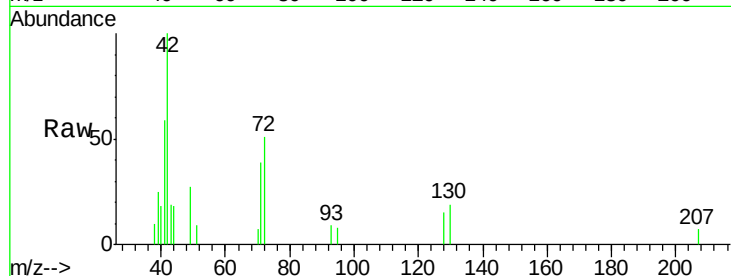
#29
Tetrahydrofuran
Concen: 4.763 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	41.1	61.7
71	39.6	38.2	57.4

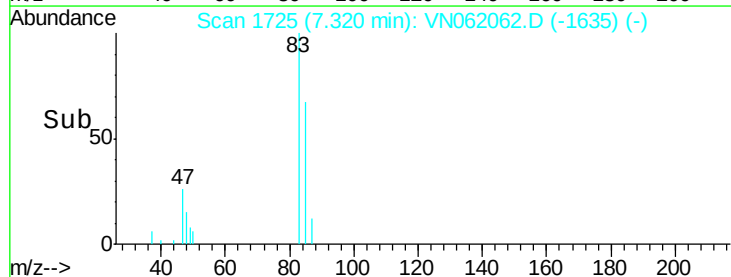
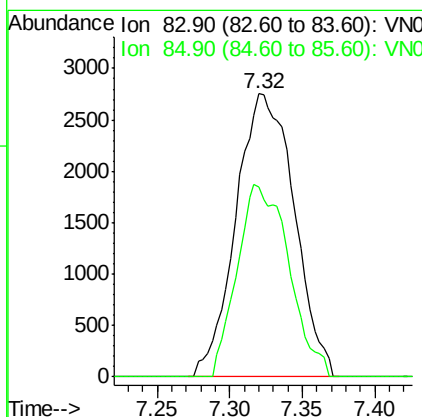
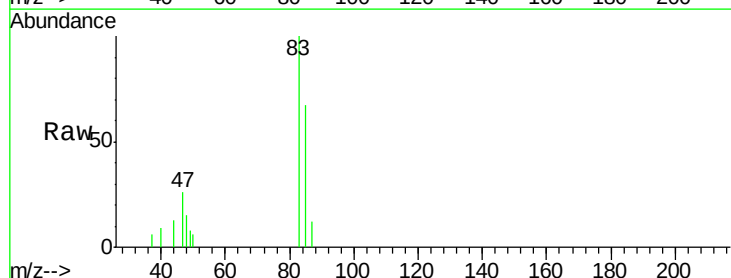
Manual Integrations
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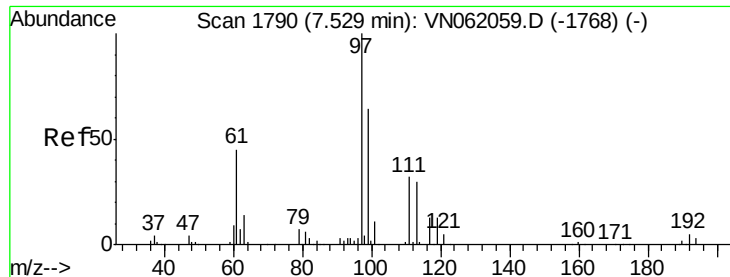
MMDadoda
6/25/2020 6:17:43 PM



#30
Chloroform
Concen: 1.137 ug/l
RT: 7.32 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.3	78.5





#32

1,1,1-Trichloroethane

Concen: 1.053 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

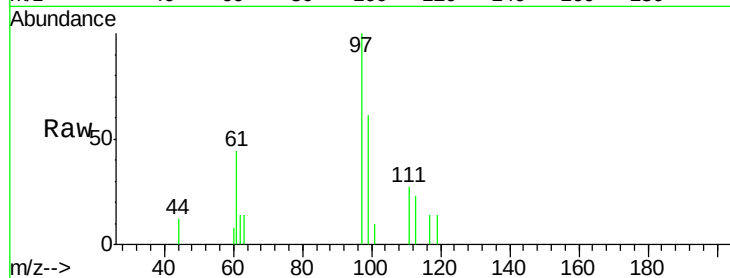
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	6015
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	51.1	36.2	54.2

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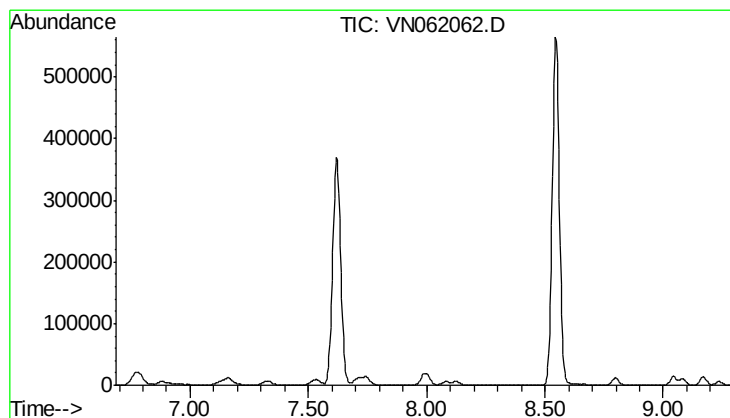
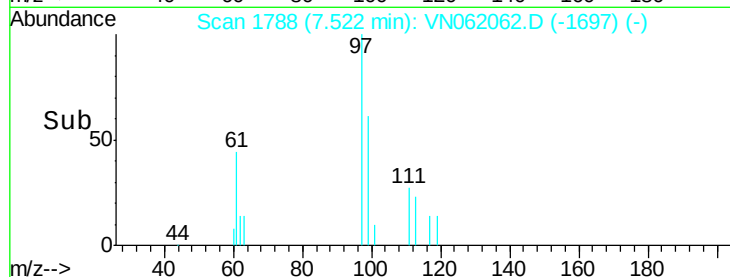
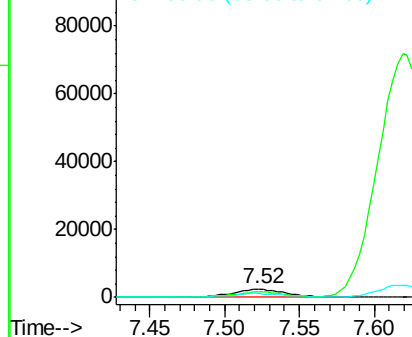


Abundance

Ion 96.90 (96.60 to 97.60): VN062062.D

Ion 98.90 (98.60 to 99.60): VN062062.D

Ion 60.90 (60.60 to 61.60): VN062062.D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN062062.D

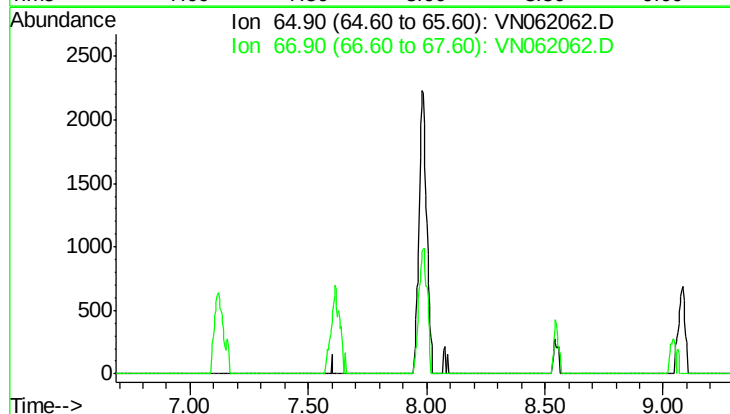
Acq: 24 Jun 2020 13:46

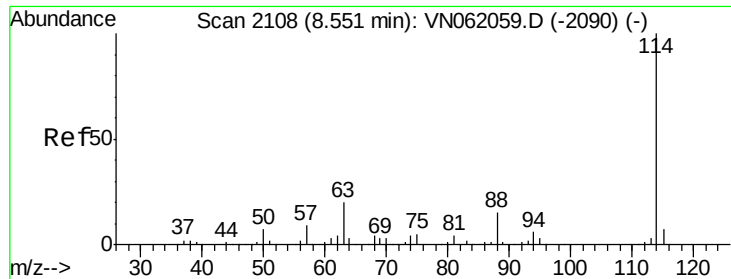
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.1





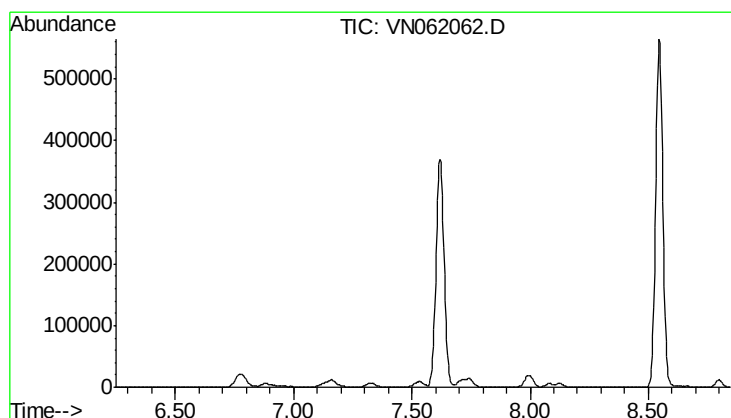
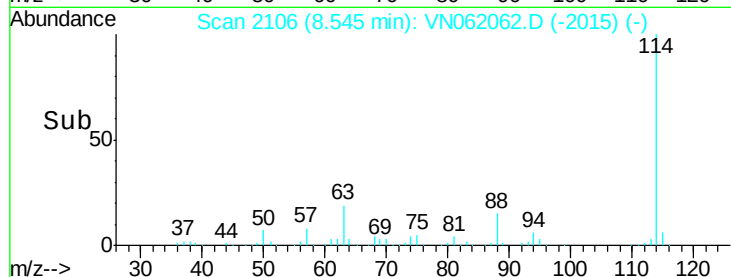
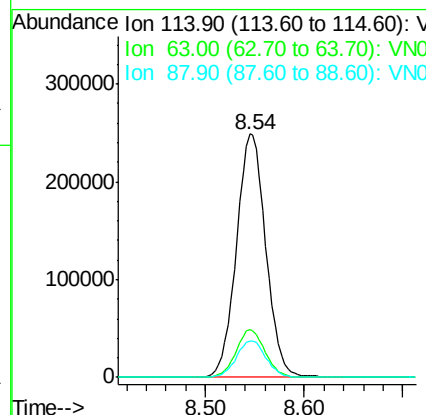
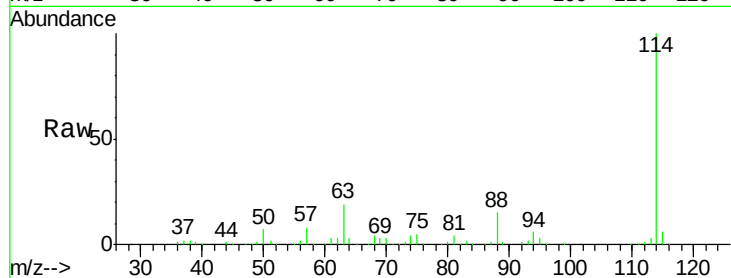
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.1	0.0	30.8

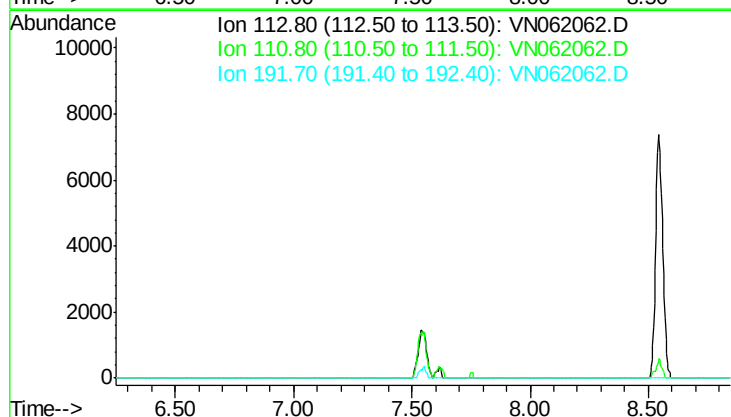
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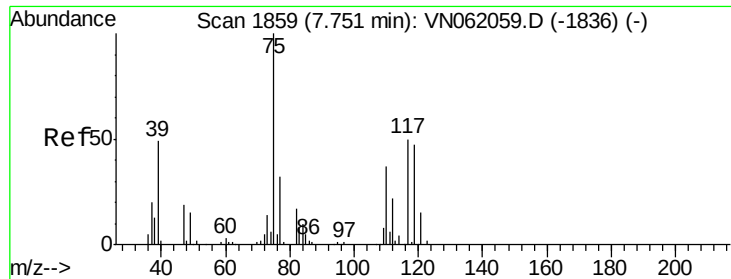
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion	Exp Ratio
113	100
111	102.8
192	17.5





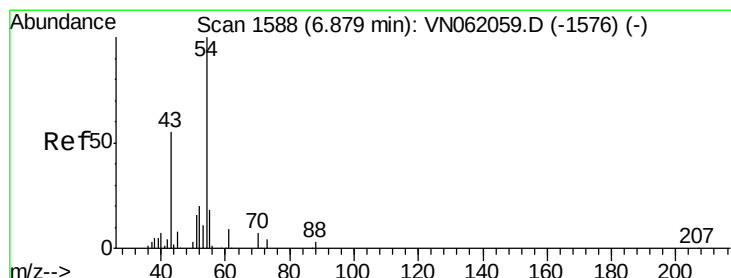
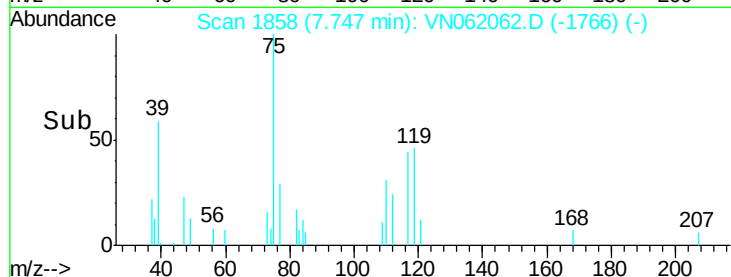
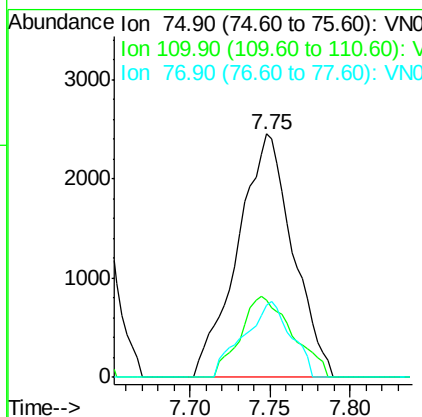
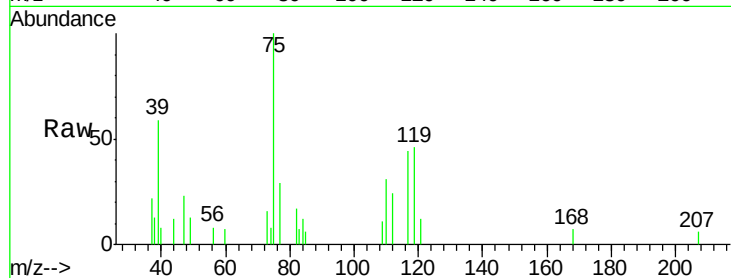
#36
 1,1-Dichloropropene
 Concen: 1.119 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.3	17.9	53.8
77	26.6	24.9	37.3

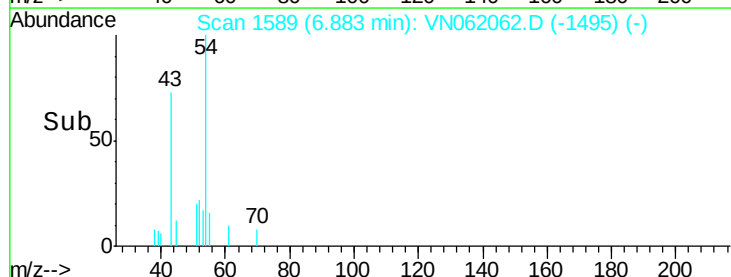
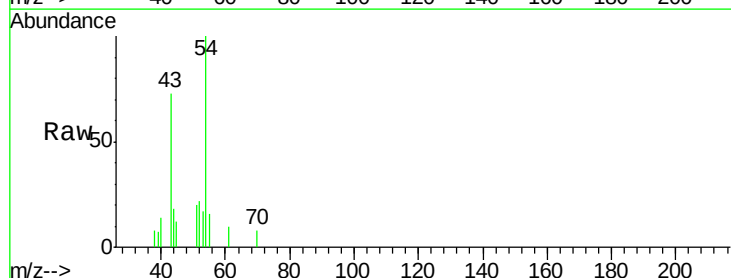
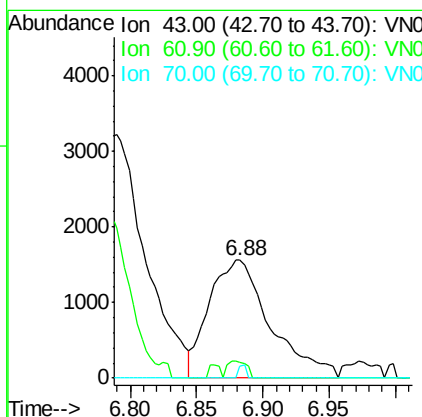
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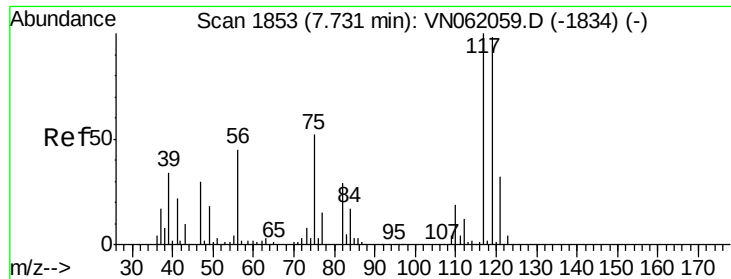
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#37
 Ethyl Acetate
 Concen: 1.171 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	4.5	12.0	18.0#
70	1.3	9.6	14.4#





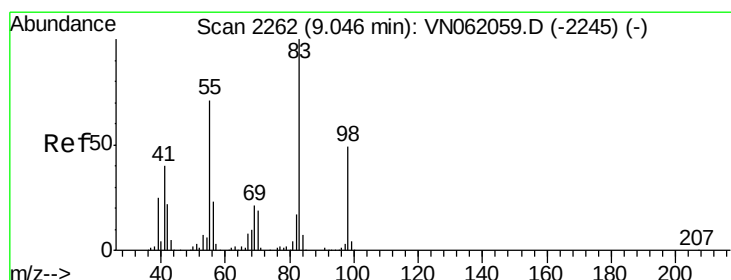
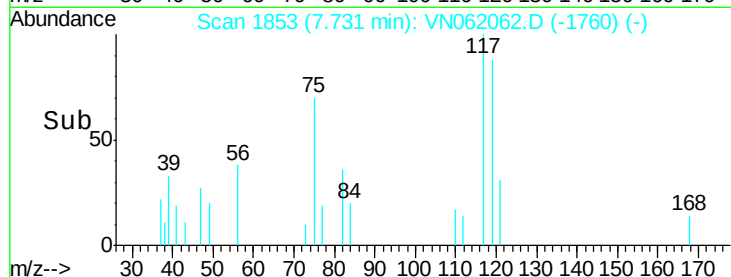
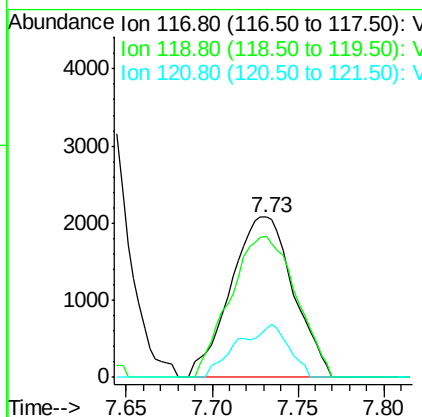
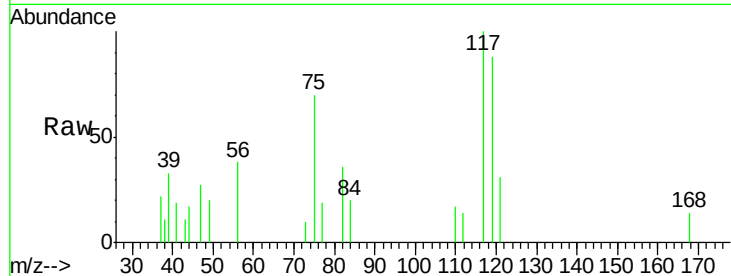
#38
Carbon Tetrachloride
Concen: 1.081 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion:117 Resp: 5283
Ion Ratio Lower Upper
117 100
119 87.7 78.2 117.2
121 30.6 25.8 38.6

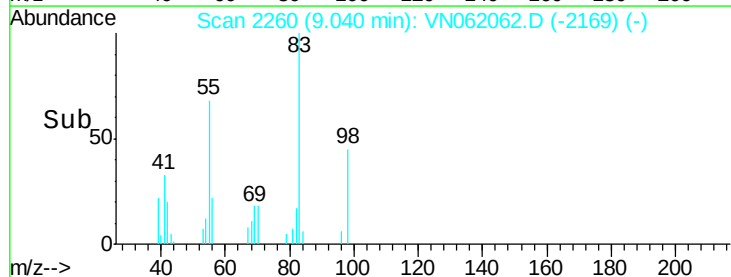
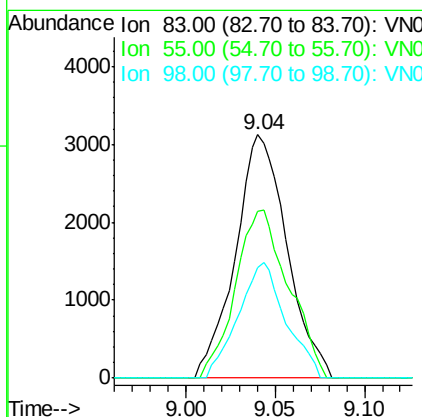
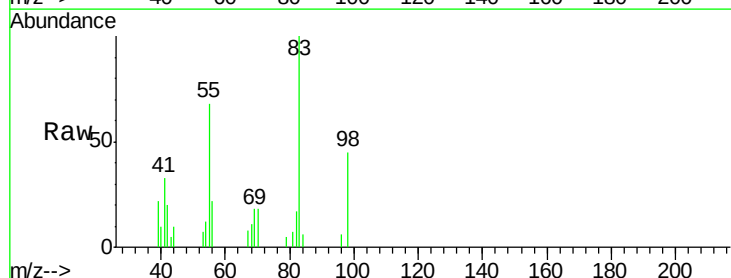
Manual Integrations
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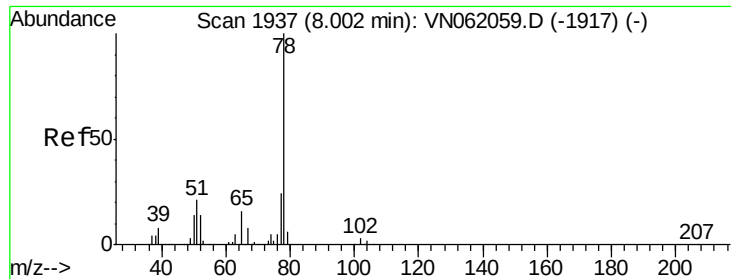
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#39
Methylcyclohexane
Concen: 1.110 ug/l
RT: 9.04 min Scan# 2260
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 83 Resp: 6301
Ion Ratio Lower Upper
83 100
55 68.4 57.0 85.6
98 45.4 39.0 58.6





#40

Benzene

Concen: 1.091 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 17242

Ion Ratio Lower Upper

78 100

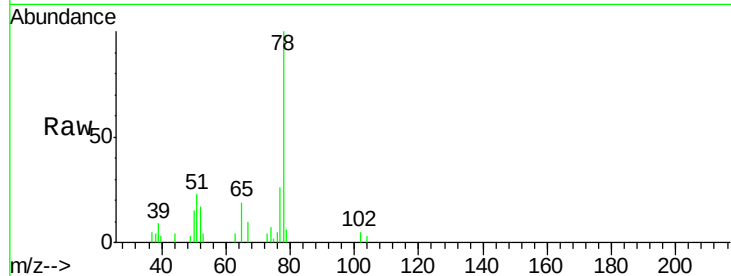
77 26.2 19.5 29.3

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VN062059.D (-1917) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-1917) (-)

8000

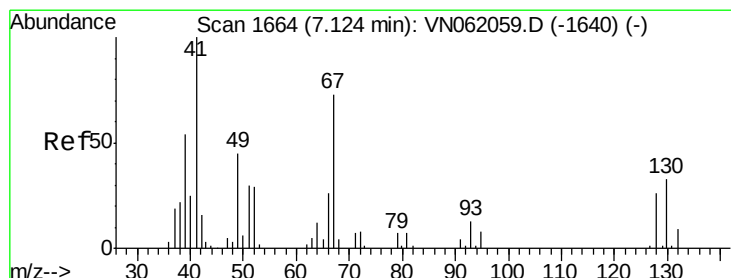
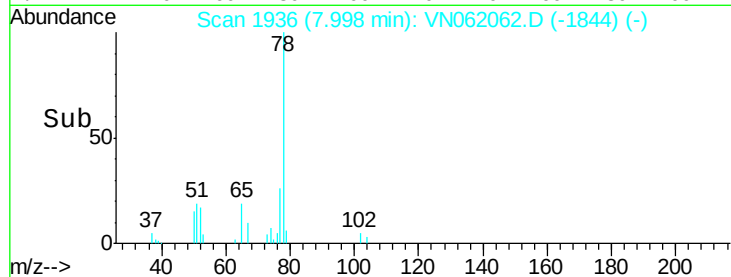
6000

4000

2000

0

Time--> 7.90 7.95 8.00 8.05



#41

Methacrylonitrile

Concen: 1.131 ug/l

RT: 7.12 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion: 41 Resp: 2251

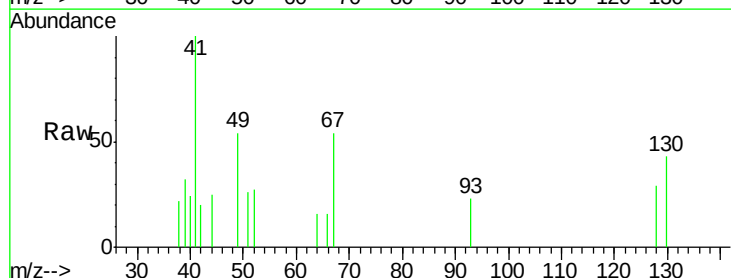
Ion Ratio Lower Upper

41 100

39 16.6 44.2 66.2#

67 0.0 79.5 119.3#

52 0.0 32.3 48.5#



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-1640) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-1640) (-)

Ion 67.00 (66.70 to 67.70): VN062059.D (-1640) (-)

Ion 52.00 (51.70 to 52.70): VN062059.D (-1640) (-)

2000

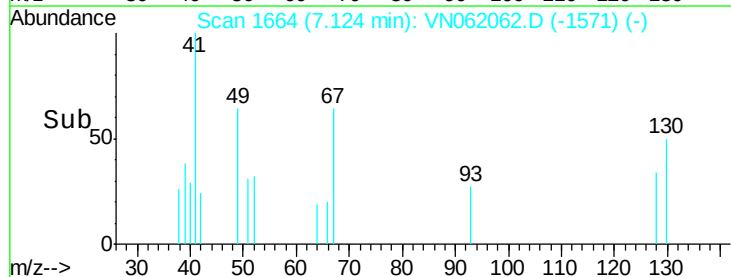
1500

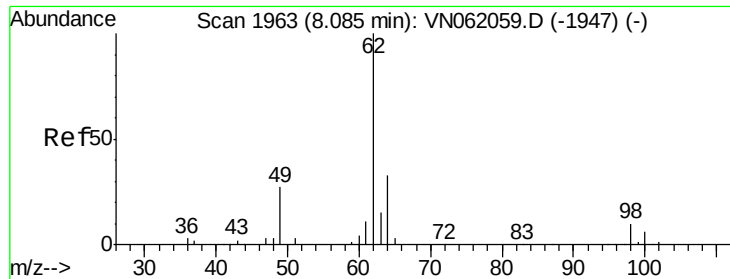
1000

500

0

Time--> 7.05 7.10 7.15





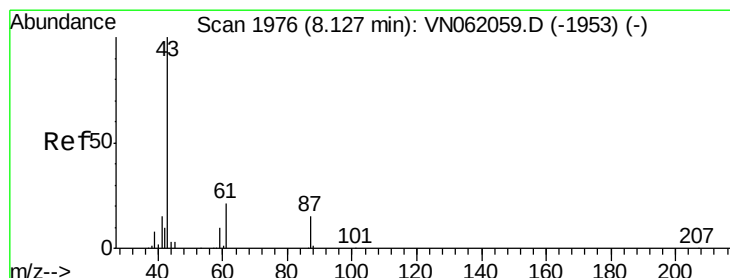
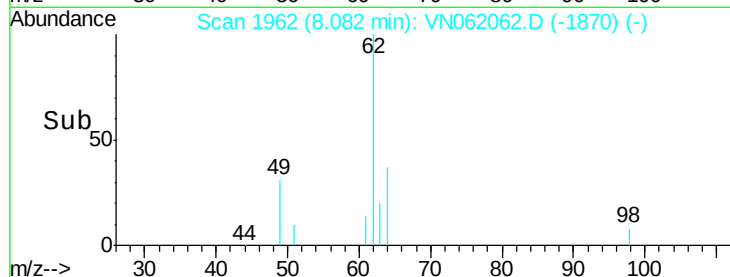
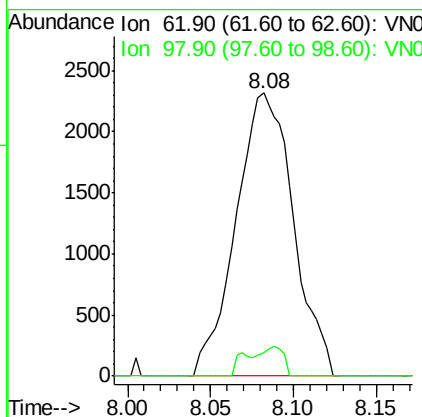
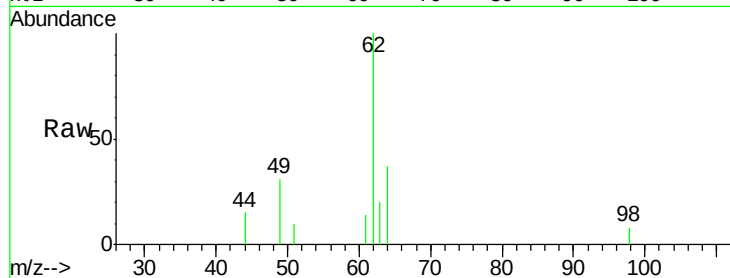
#42
 1,2-Dichloroethane
 Concen: 1.044 ug/l
 RT: 8.08 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	4.3	0.0	19.8

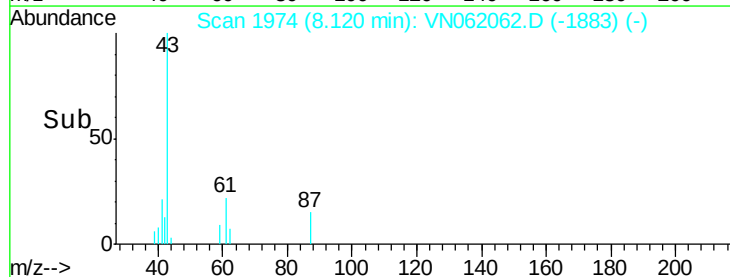
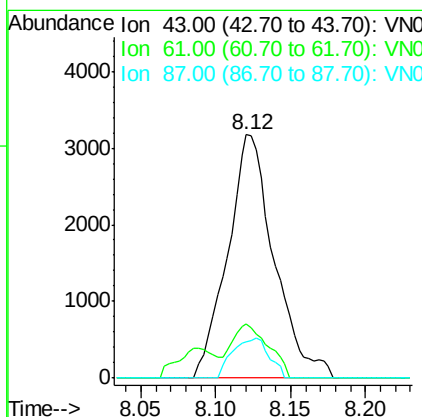
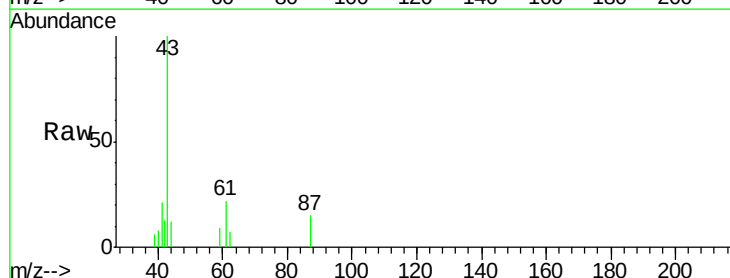
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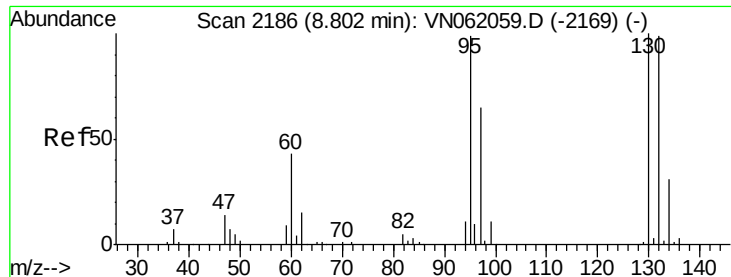
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#43
 Isopropyl Acetate
 Concen: 0.981 ug/l
 RT: 8.12 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	17.2	25.8
87	12.9	12.1	18.1





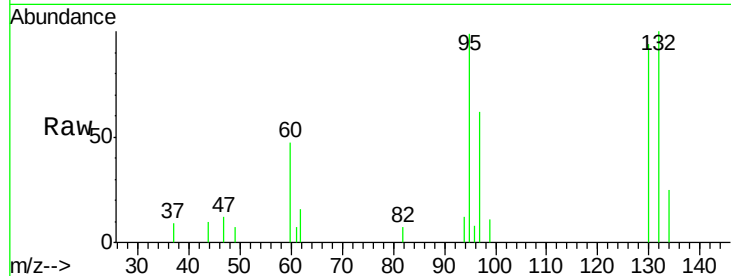
#44
 Trichloroethene
 Concen: 1.106 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

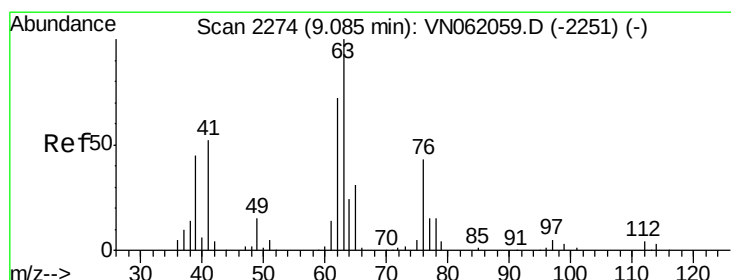
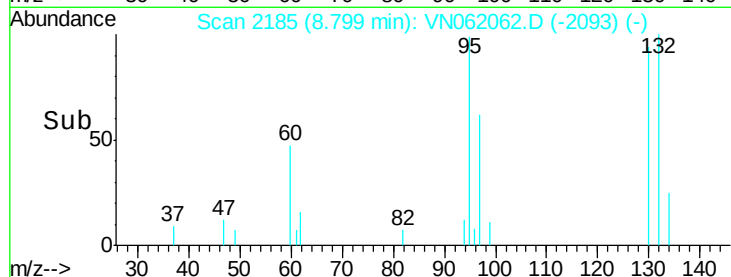
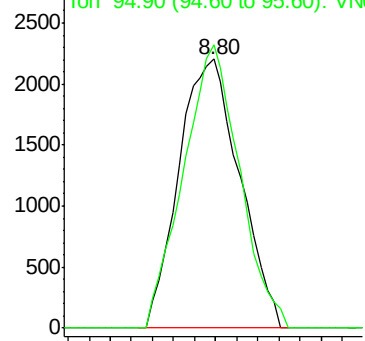
Tot Ion:130 Resp: 4406
 Ion Ratio Lower Upper
 130 100
 95 105.3 0.0 197.8

Manual Integrations
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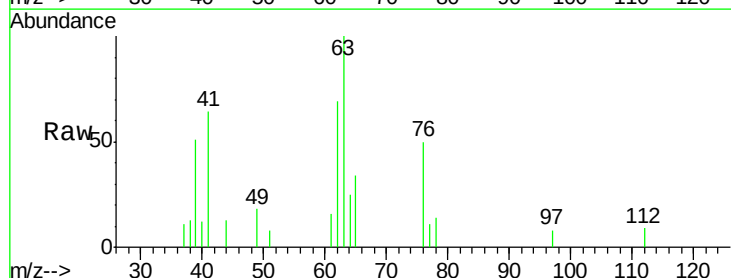


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

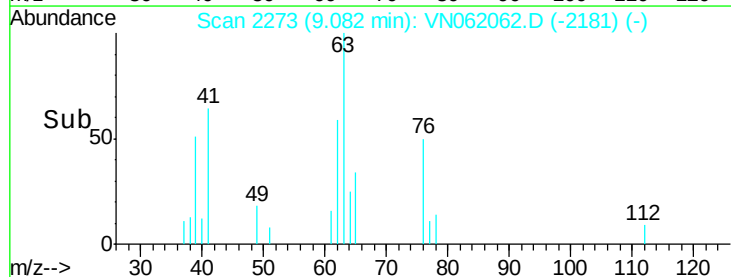
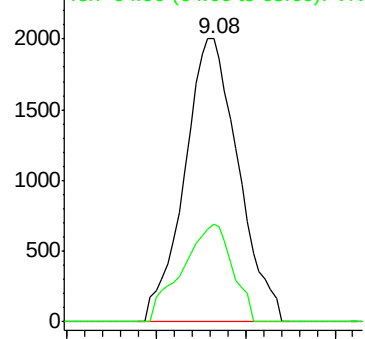


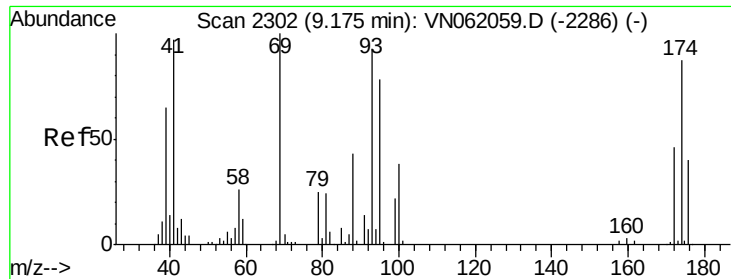
#45
 1,2-Dichloropropane
 Concen: 1.081 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 63 Resp: 4212
 Ion Ratio Lower Upper
 63 100
 65 34.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN
 Ion 64.90 (64.60 to 65.60): VN





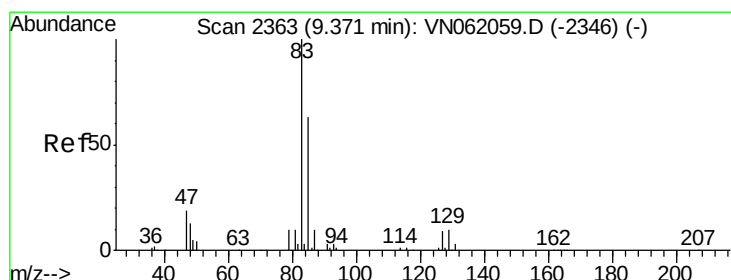
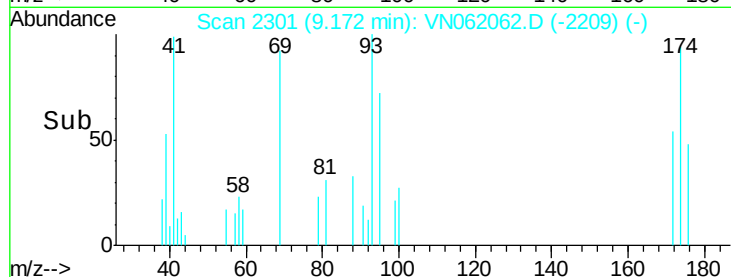
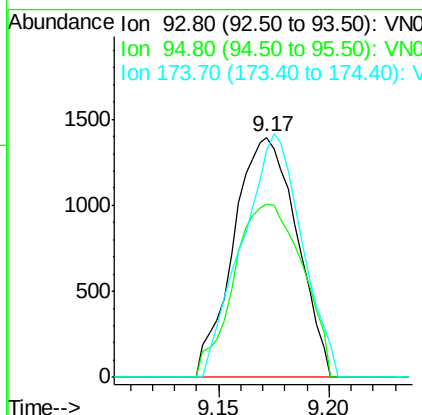
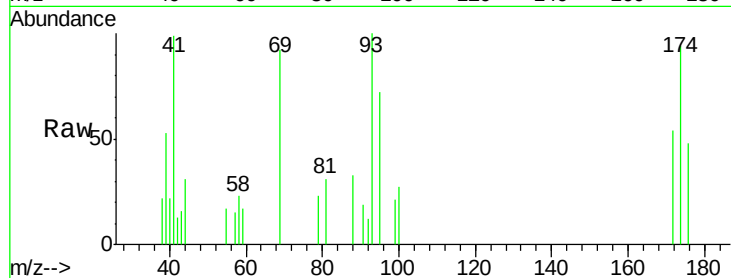
#46
Dibromomethane
Concen: 1.049 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2773
Ion Ratio Lower Upper
93 100
95 78.5 67.0 100.6
174 95.8 74.4 111.6

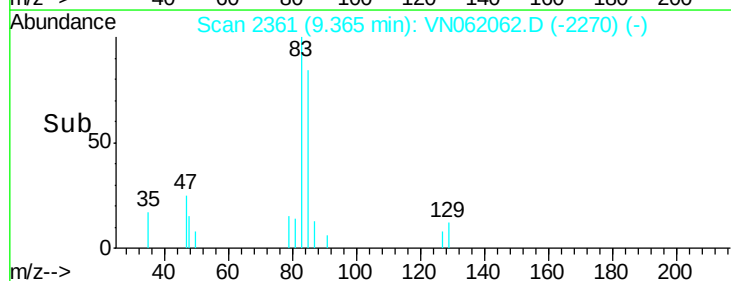
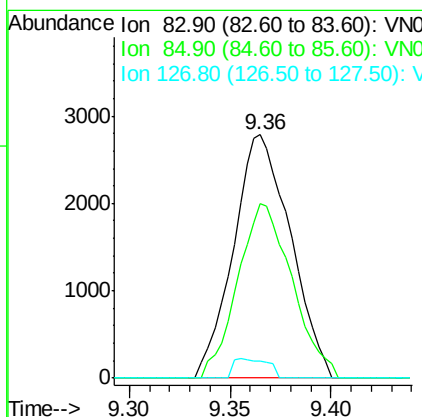
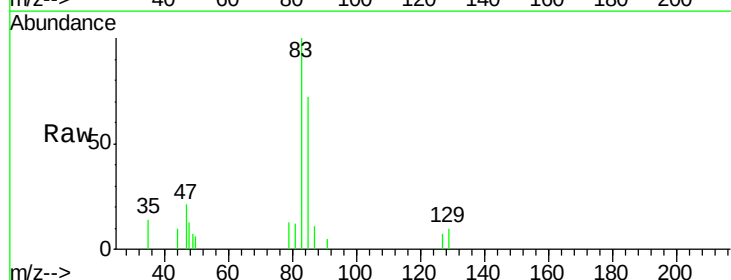
Manual Integrations
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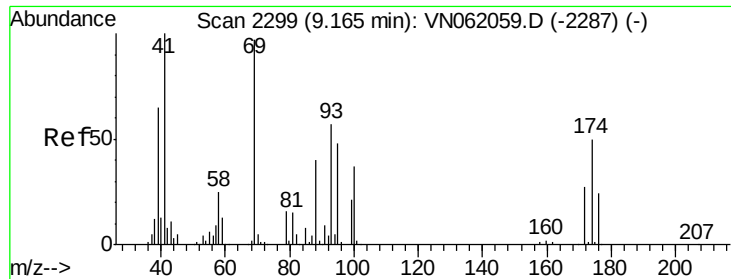
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#47
Bromodichloromethane
Concen: 1.030 ug/l
RT: 9.36 min Scan# 2361
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 83 Resp: 5493
Ion Ratio Lower Upper
83 100
85 71.7 50.3 75.5
127 7.0 6.9 10.3





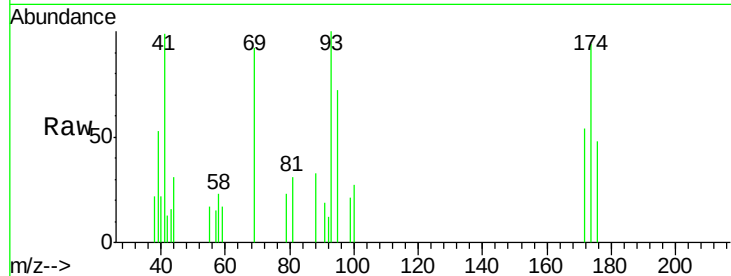
#48
Methvl methacrylate
Concen: 0.967 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

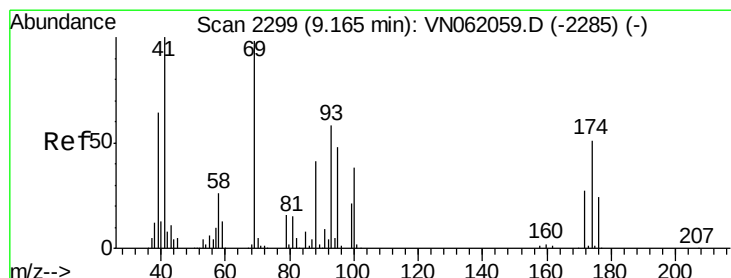
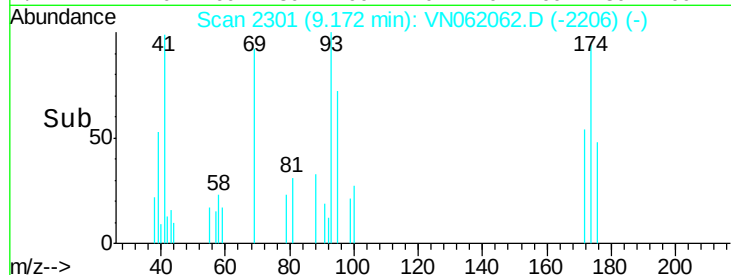
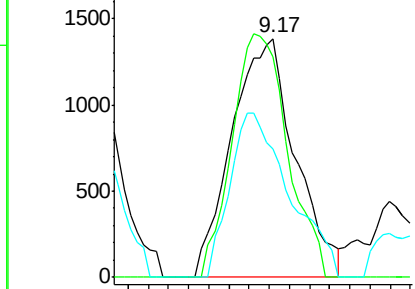
Tot Ion: 41 Resp: 3033
Ion Ratio Lower Upper
41 100
69 89.4 80.7 121.1
39 64.6 54.5 81.7

Manual Integrations
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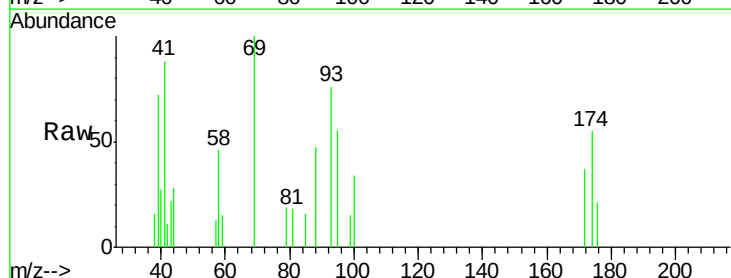


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

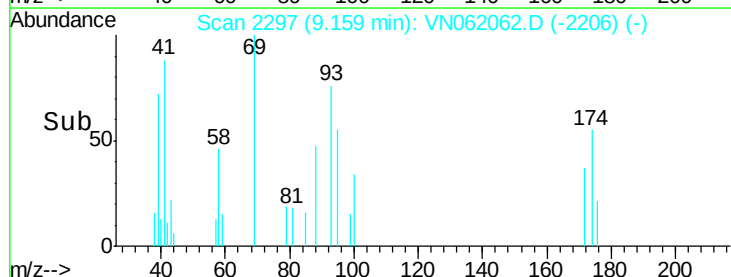
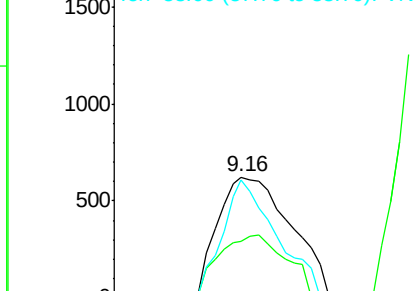


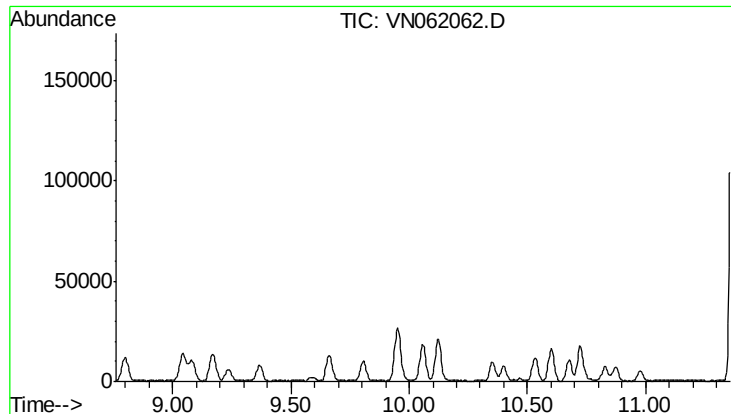
#49
1,4-Dioxane
Concen: 16.675 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 88 Resp: 1160
Ion Ratio Lower Upper
88 100
43 48.0 22.0 33.0#
58 72.9 49.2 73.8



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





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

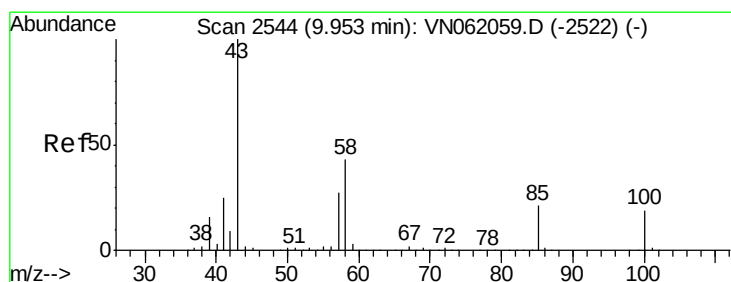
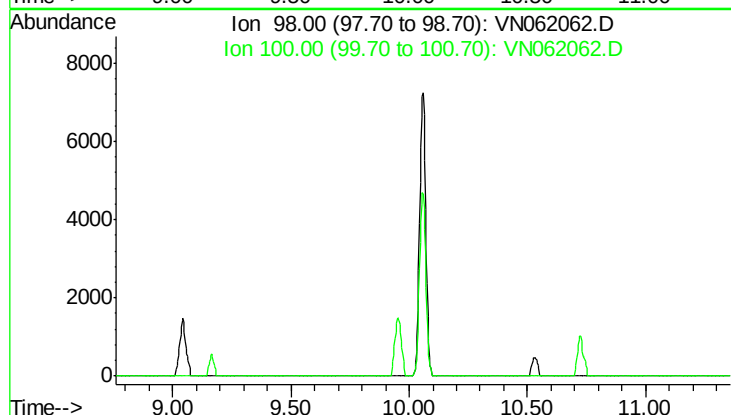
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

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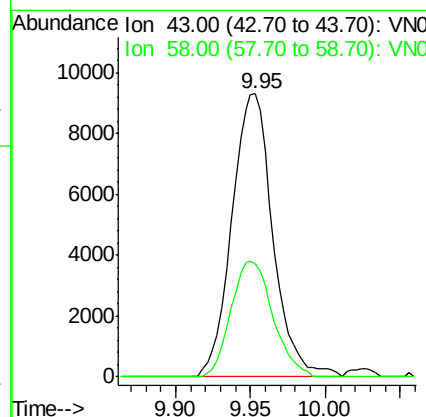
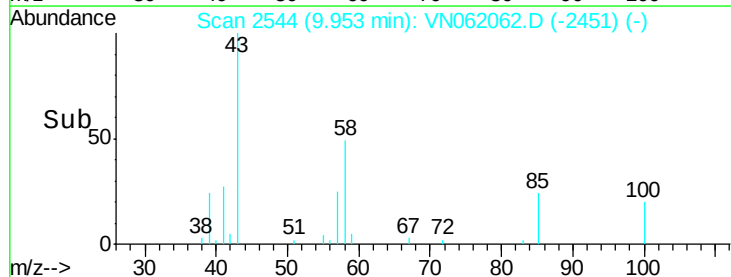
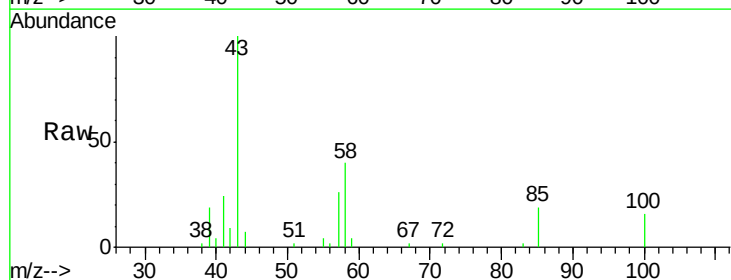
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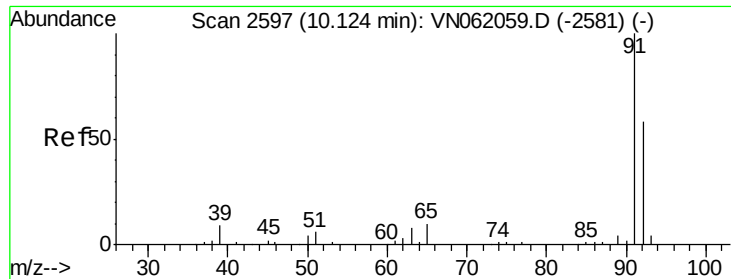
Tot Ion: 98
Sig Exp Ratio
98 100
100 64.0



#51
4-Methyl-2-Pentanone
Concen: 4.343 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 43 Resp: 17752
Ion Ratio Lower Upper
43 100
58 41.8 34.2 51.2





#52

Toluene

Concen: 0.953 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 9183

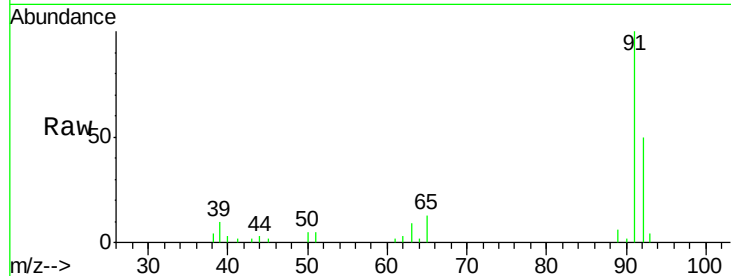
Ion Ratio Lower Upper

92 100

91 187.8 137.4 206.0

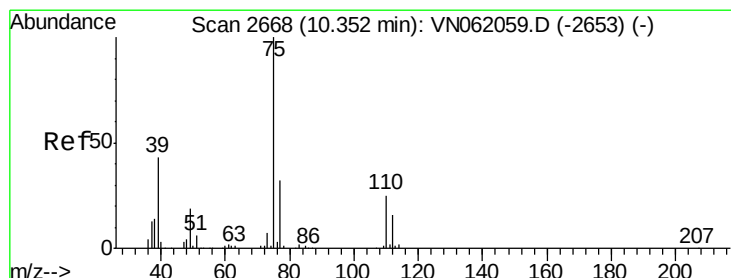
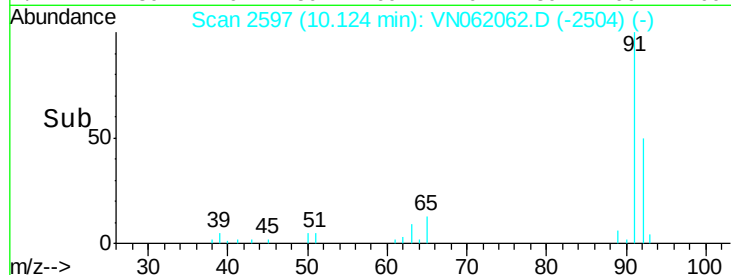
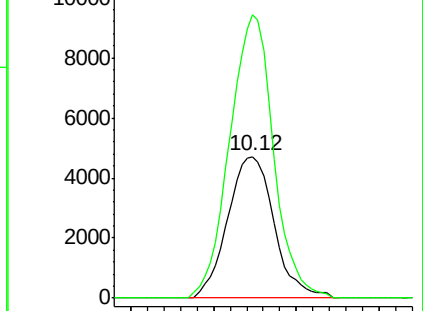
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Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)



#53

t-1,3-Dichloropropene

Concen: 0.942 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062062.D

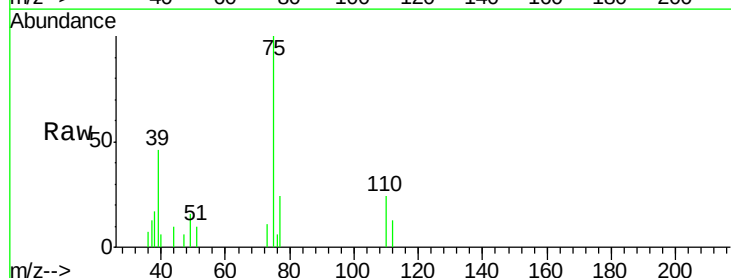
Acq: 24 Jun 2020 13:46

Tgt Ion: 75 Resp: 5531

Ion Ratio Lower Upper

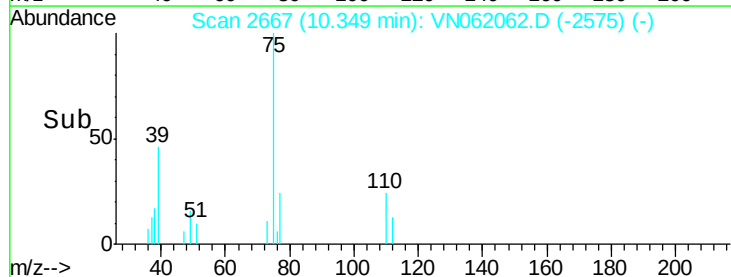
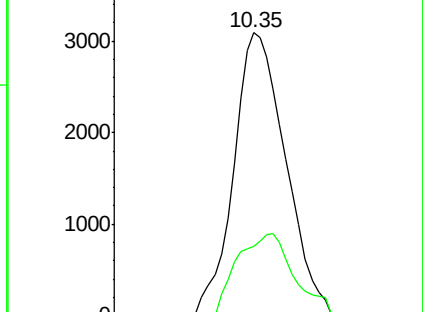
75 100

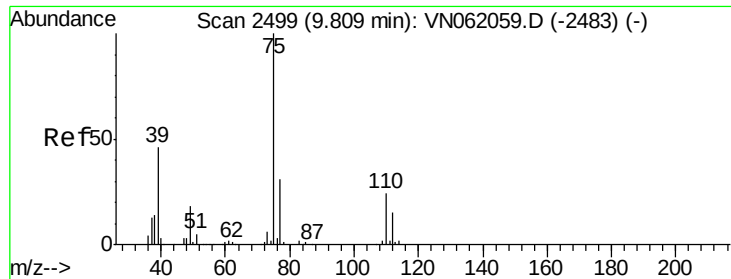
77 24.4 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-2653) (-)

Ion 76.90 (76.60 to 77.60): VN062059.D (-2653) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.919 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

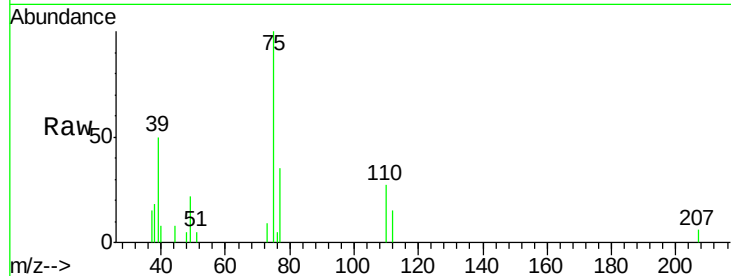
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	5746
Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.0	37.6
39	50.0	36.9	55.3

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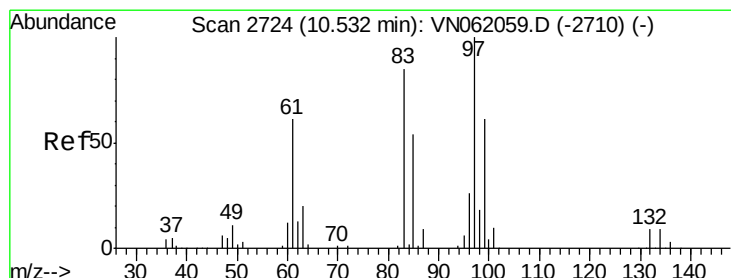
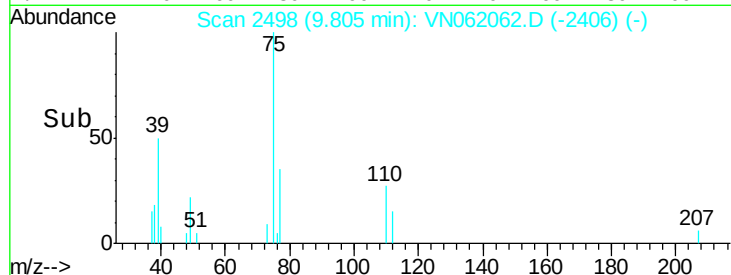
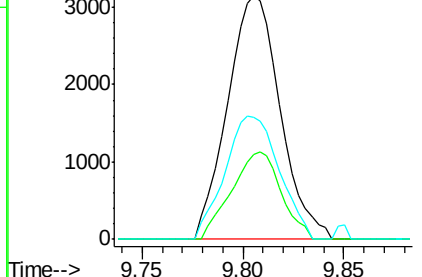
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Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-2483) (-)

Ion 76.90 (76.60 to 77.60): VN062059.D (-2483) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-2483) (-)



#55

1,1,2-Trichloroethane

Concen: 0.963 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

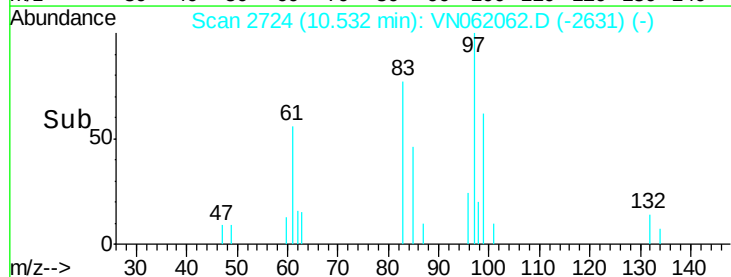
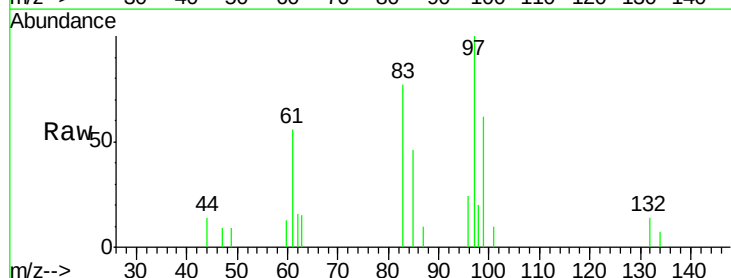
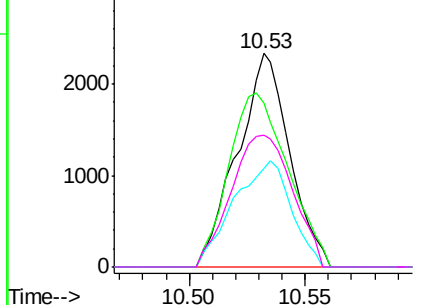
Tgt Ion:	97	Resp:	3649
Ion	Ratio	Lower	Upper
97	100		
83	76.7	68.2	102.2
85	46.3	43.2	64.8
99	61.9	48.5	72.7

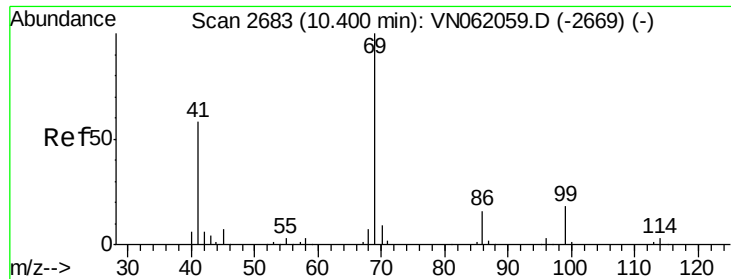
Abundance Ion 96.90 (96.60 to 97.60): VN062059.D (-2710) (-)

Ion 82.90 (82.60 to 83.60): VN062059.D (-2710) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-2710) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-2710) (-)





#56

Ethyl methacrylate

Concen: 0.804 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

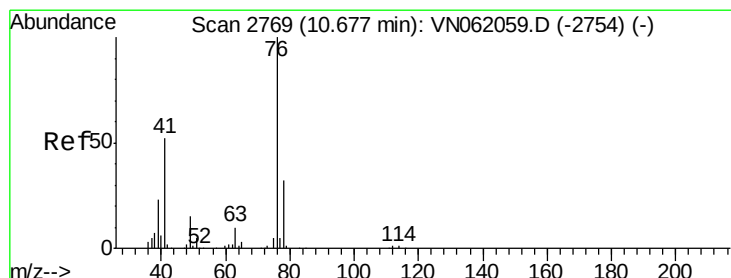
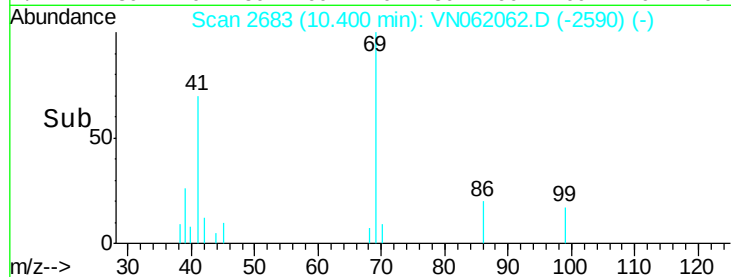
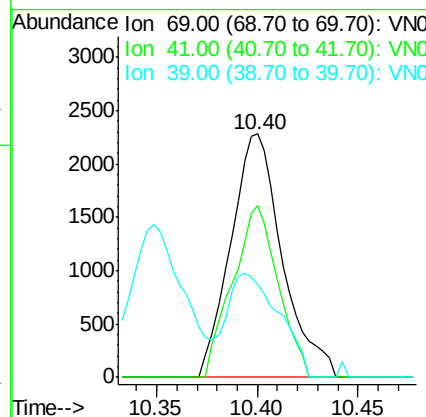
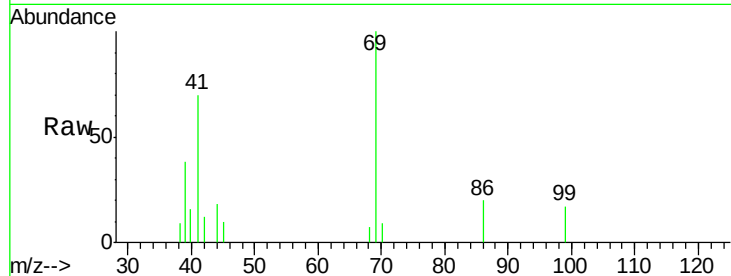
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4064
Ion	Ratio	Lower	Upper
69	100		
41	62.6	46.6	70.0
39	43.7	31.0	46.4

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#57

1,3-Dichloropropane

Concen: 0.990 ug/l

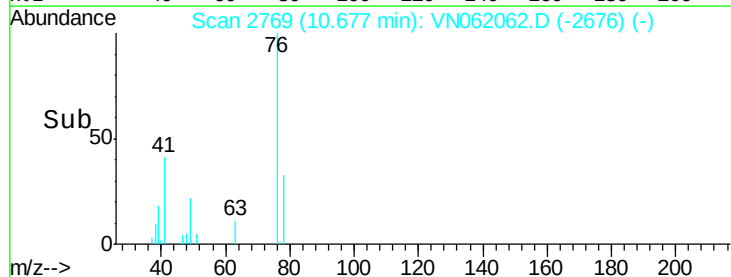
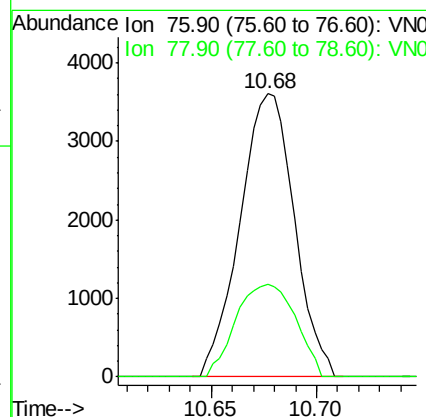
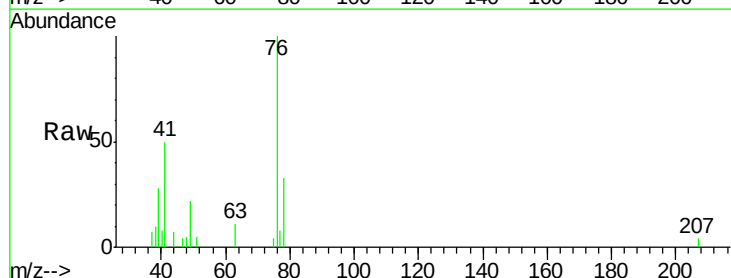
RT: 10.68 min Scan# 2769

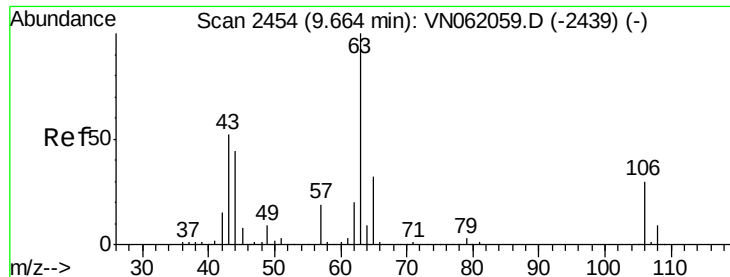
Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion:	76	Resp:	6459
Ion	Ratio	Lower	Upper
76	100		
78	35.9	25.8	38.8





#58

2-Chloroethyl Vinyl ether

Concen: 3.306 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 6278

Ion Ratio Lower Upper

63 100

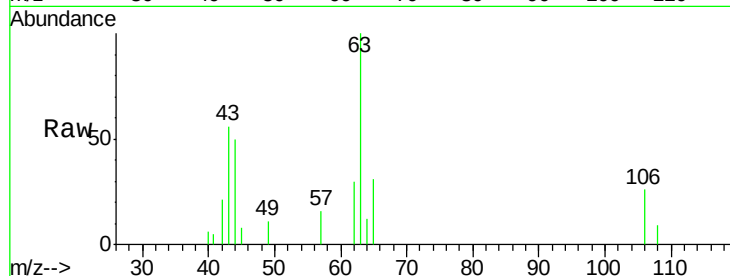
106 27.9 23.2 34.8

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Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN062059.D (-2439) (-)

9.66

3000

2000

1000

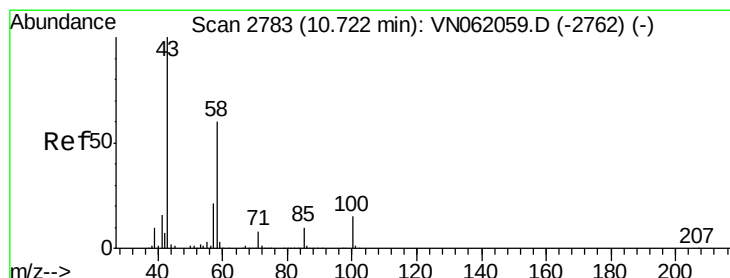
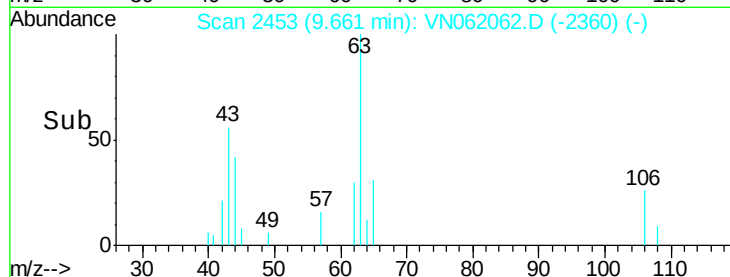
0

Time-->

9.60

9.65

9.70



#59

2-Hexanone

Concen: 4.018 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. -0.00 min

Lab File: VN062062.D

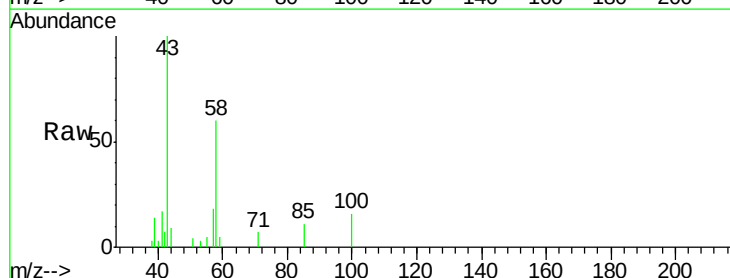
Acq: 24 Jun 2020 13:46

Tgt Ion: 43 Resp: 11860

Ion Ratio Lower Upper

43 100

58 56.0 29.5 88.5



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2762) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2762) (-)

10.72

6000

4000

2000

0

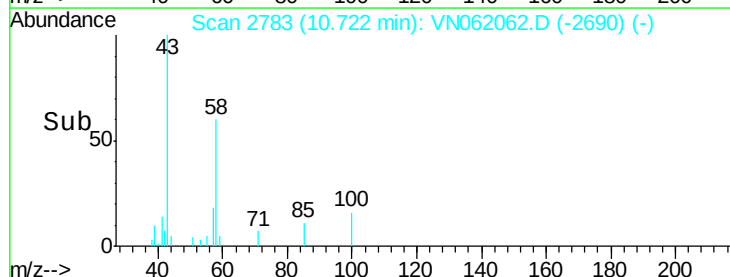
Time-->

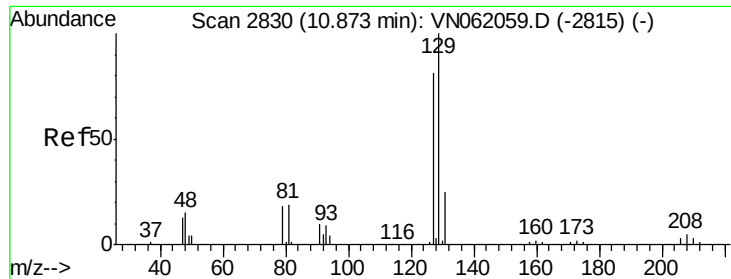
10.65

10.70

10.75

10.80





#60

Dibromochloromethane

Concen: 0.975 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3911

Ion Ratio Lower Upper

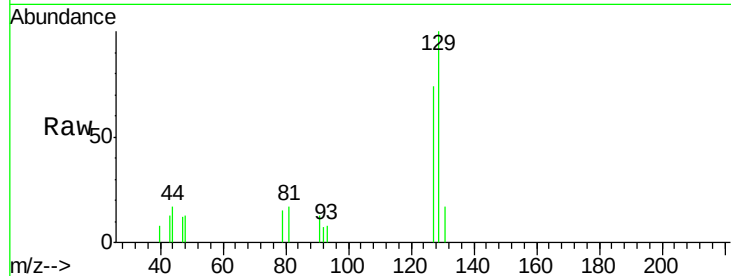
129 100

127 76.0 39.5 118.5

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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

2500

2000

1500

1000

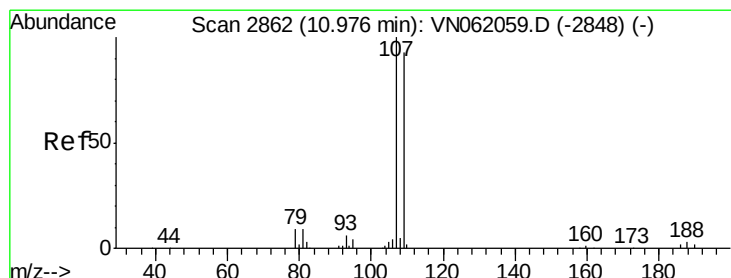
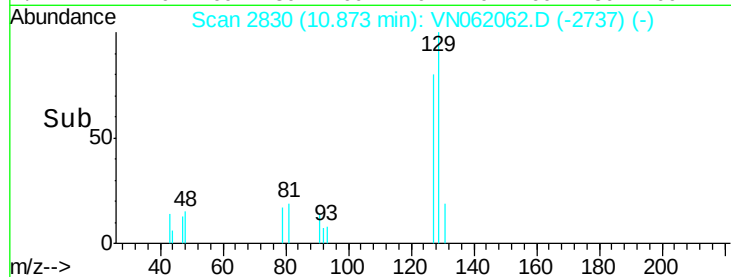
500

0

10.85

10.90

Time-->



#61

1,2-Dibromoethane

Concen: 1.006 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VN062062.D

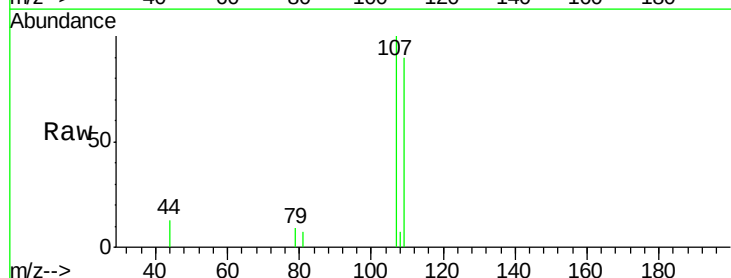
Acq: 24 Jun 2020 13:46

Tgt Ion:107 Resp: 3915

Ion Ratio Lower Upper

107 100

109 90.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

2500

2000

1500

1000

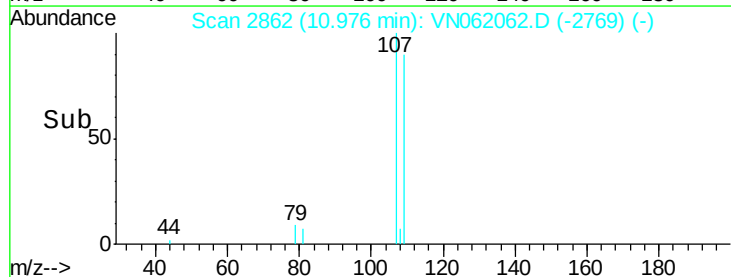
500

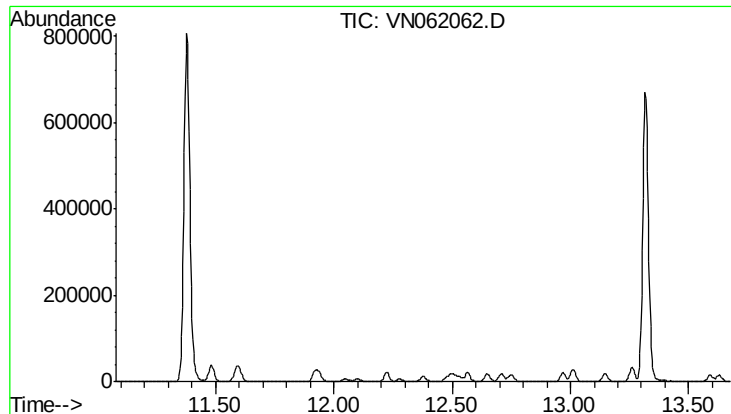
0

10.95

11.00

Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tot Ion: 95

Sig Exp Ratio

95 100

174 77.4

176 73.7

Instrument :

MSVOA_N

ClientSampleId :

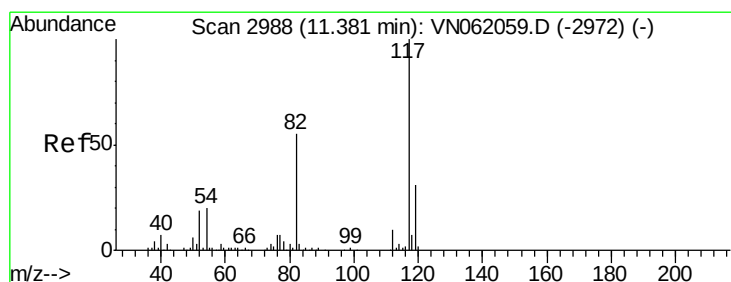
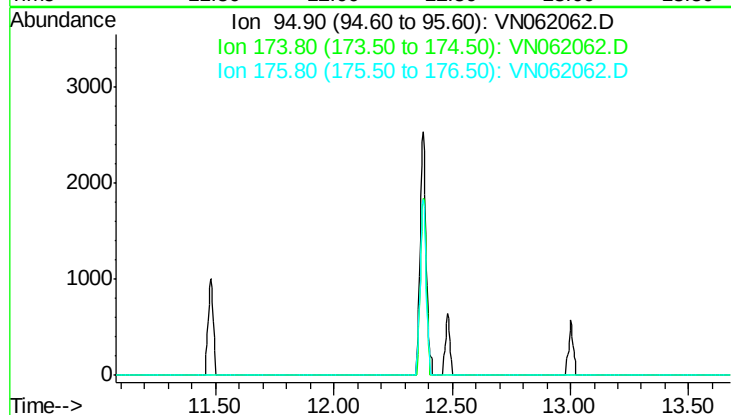
VSTDIC001

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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: VN062062.D

Acq: 24 Jun 2020 13:46

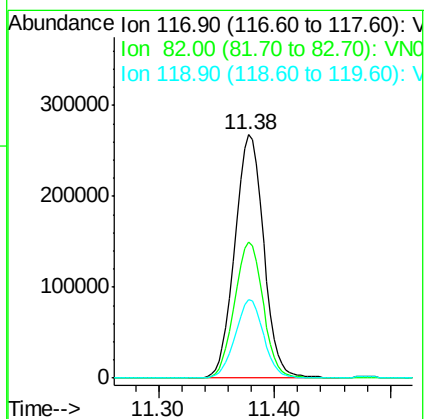
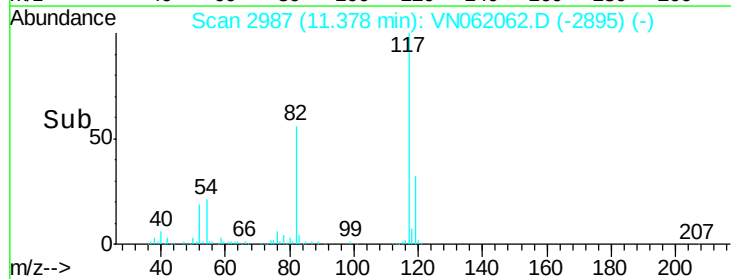
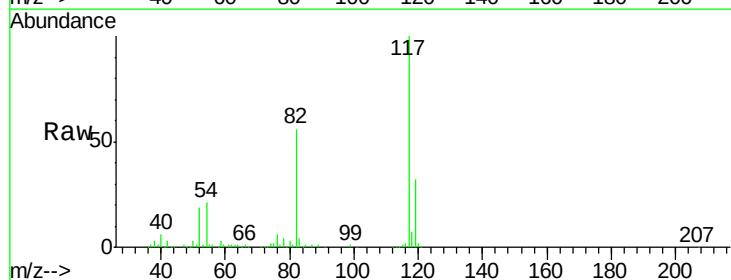
Tgt Ion:117 Resp: 461695

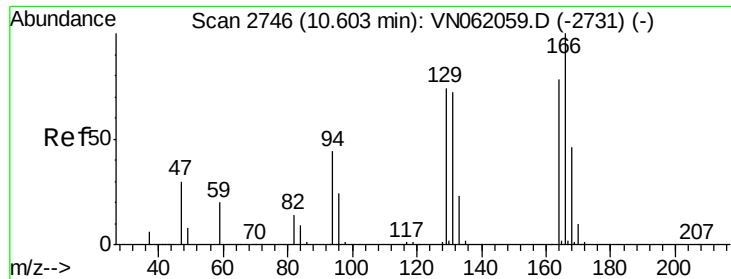
Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 32.3 25.2 37.8





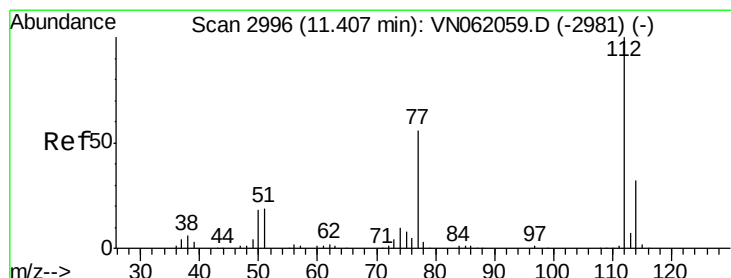
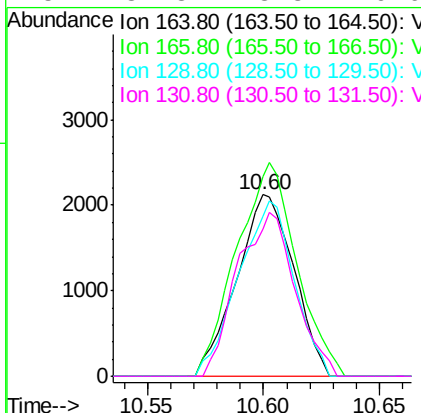
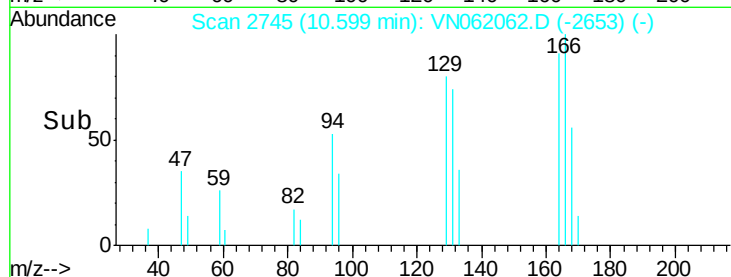
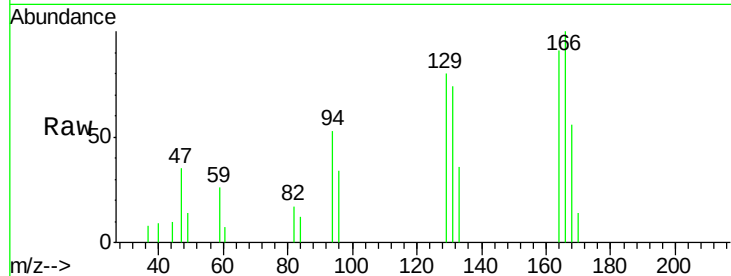
#64
 Tetrachloroethene
 Concen: 1.149 ug/l
 RT: 10.60 min Scan# 2745
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	164	Resp:	3625
Ion	Ratio	Lower	Upper
164	100		
166	110.3	102.9	154.3
129	88.4	75.8	113.8
131	81.3	73.8	110.6

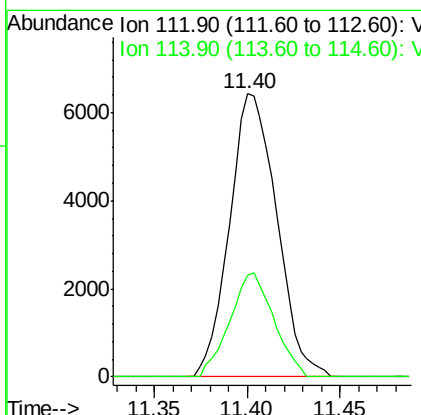
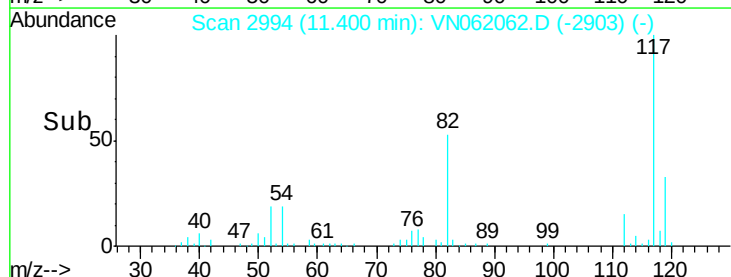
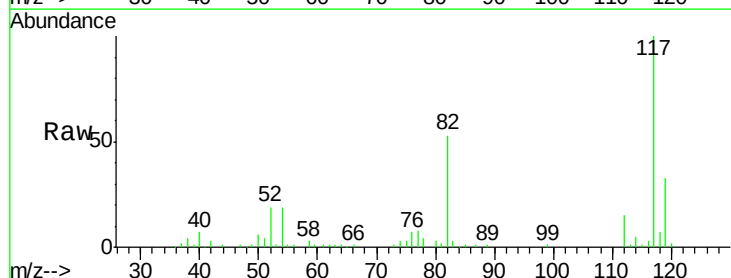
Manual Integrations
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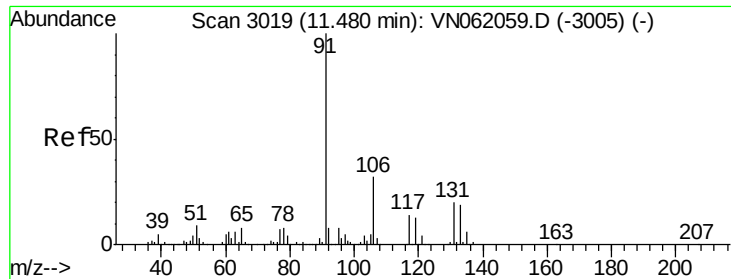
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#65
 Chlorobenzene
 Concen: 1.121 ug/l
 RT: 11.40 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion:	112	Resp:	11363
Ion	Ratio	Lower	Upper
112	100		
114	36.1	25.8	38.8





#66

1,1,1,2-Tetrachloroethane

Concen: 1.005 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

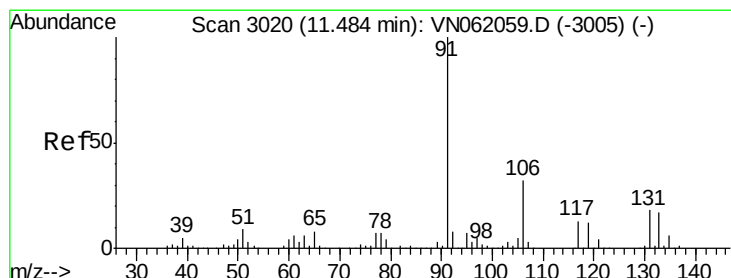
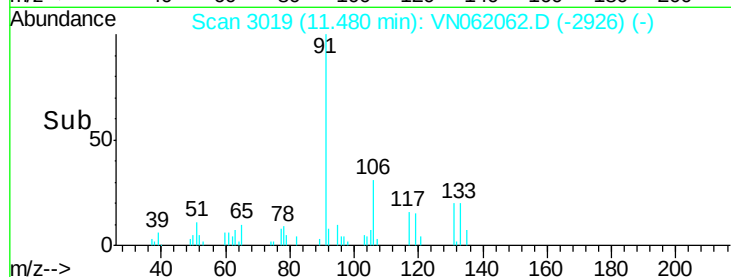
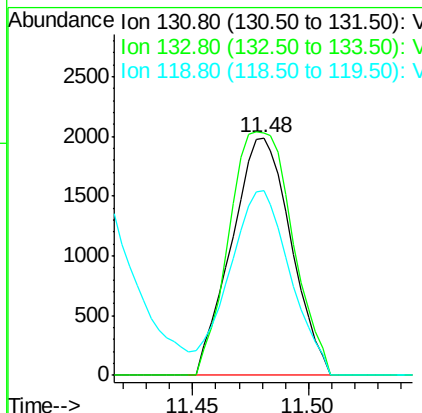
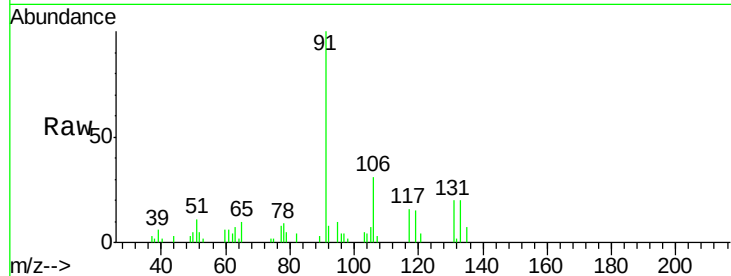
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	109.4	47.6	142.9
119	0.0	34.4	103.3

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#67

Ethyl Benzene

Concen: 0.980 ug/l

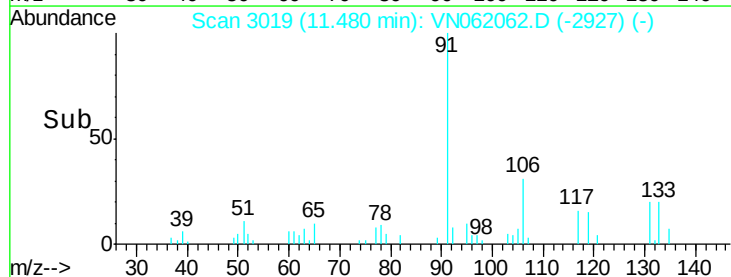
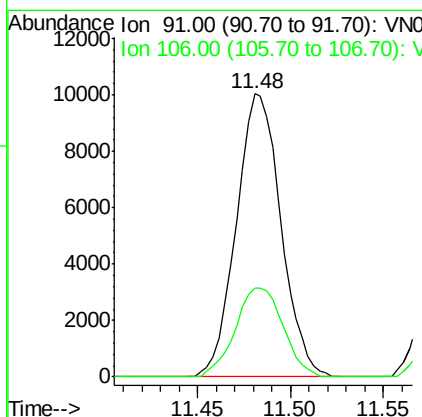
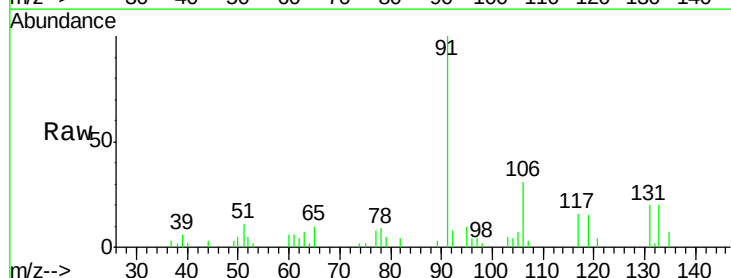
RT: 11.48 min Scan# 3019

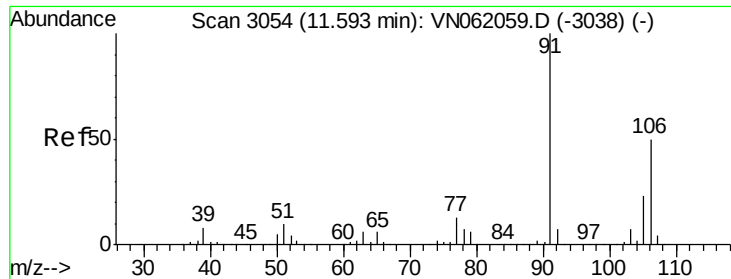
Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.3	37.9





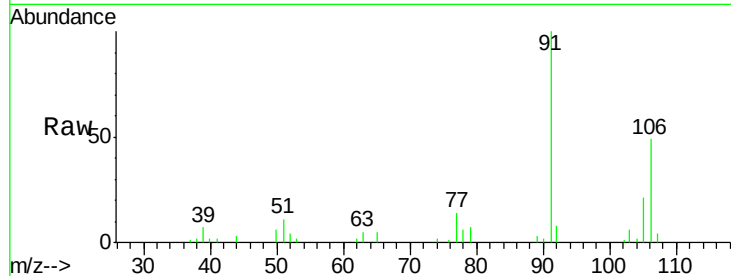
#68
m/p-Xylenes
Concen: 1.877 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

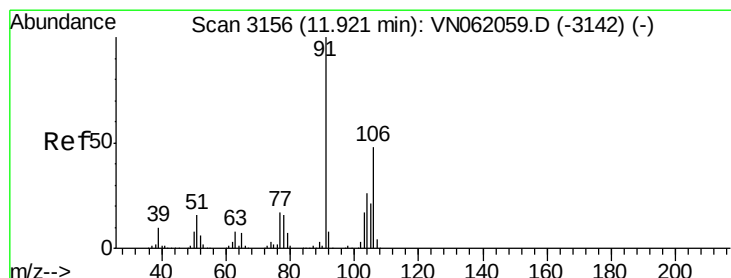
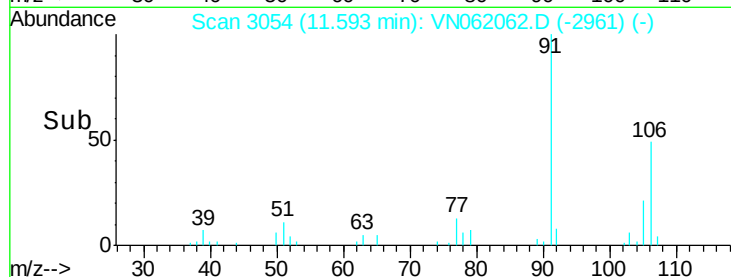
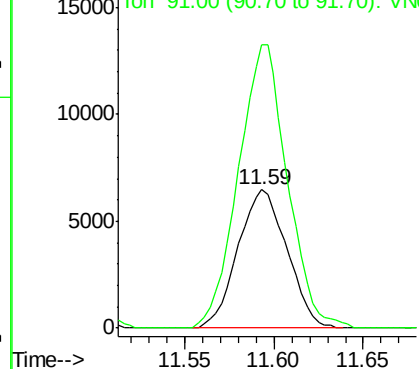
Tot Ion:106 Resp: 12434
Ion Ratio Lower Upper
106 100
91 204.1 157.8 236.8

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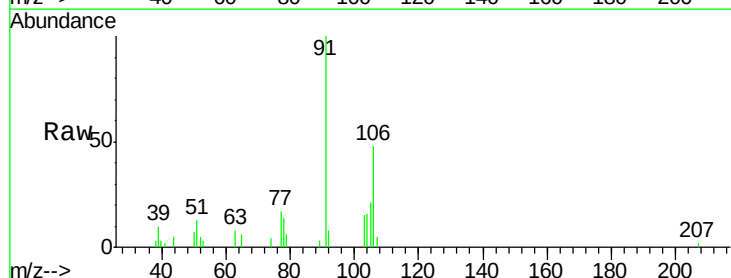


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

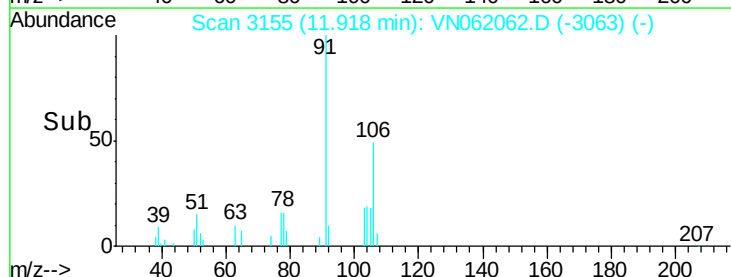
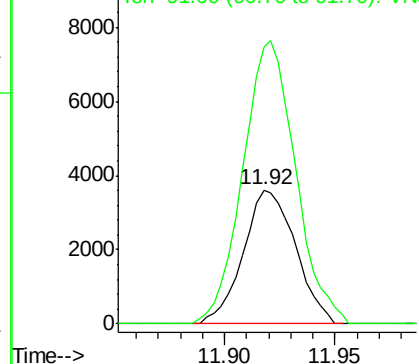


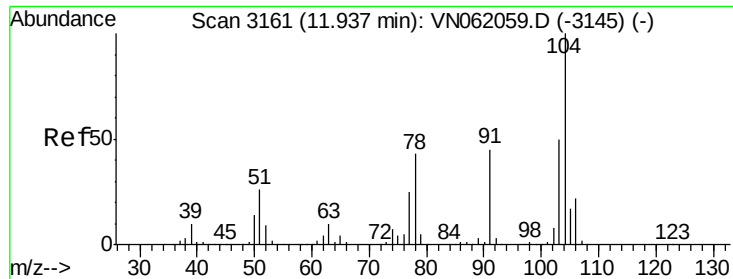
#69
o-Xylene
Concen: 0.946 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion:106 Resp: 5914
Ion Ratio Lower Upper
106 100
91 213.9 104.0 311.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





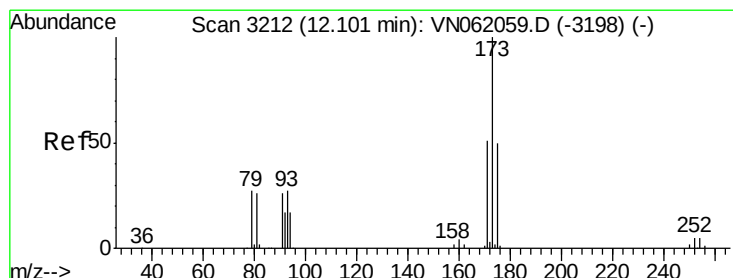
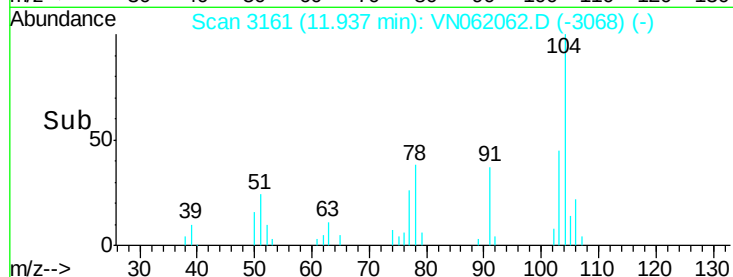
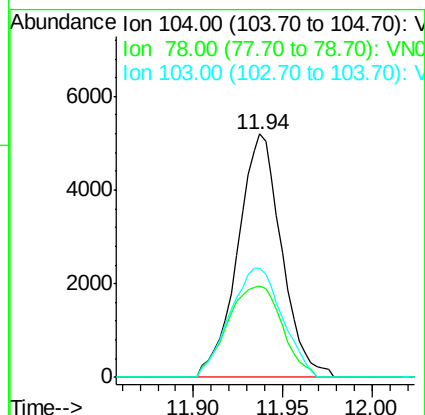
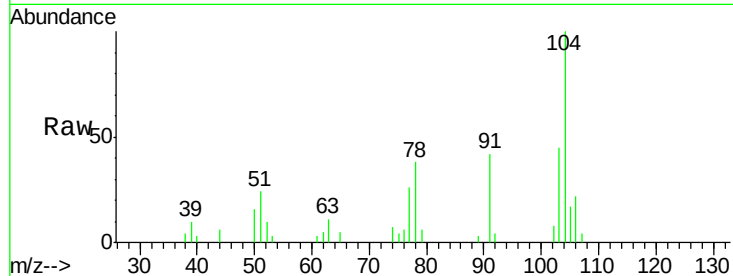
#70
Stvrene
Concen: 0.858 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.5	37.7	56.5
103	53.3	43.0	64.6

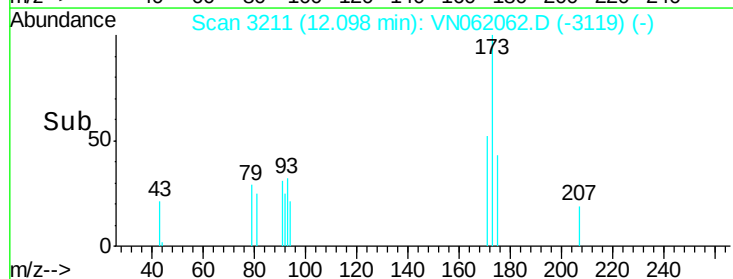
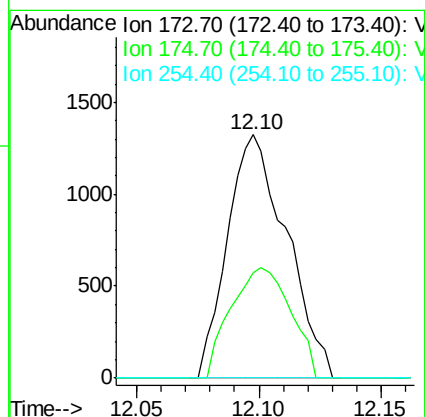
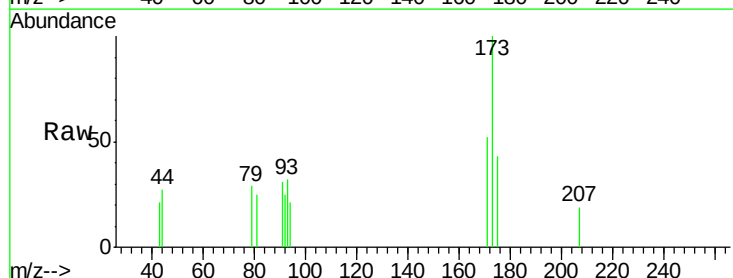
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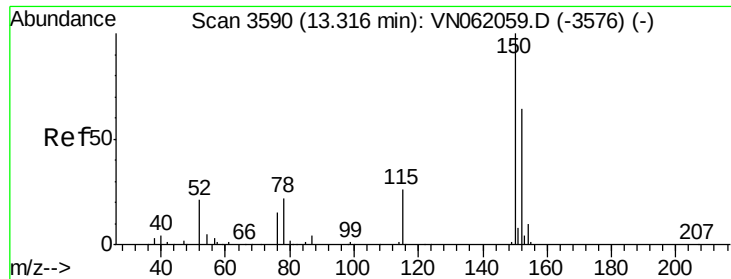
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#71
Bromoform
Concen: 0.893 ug/l
RT: 12.10 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.0	24.7	74.1
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 181083

Ion Ratio Lower Upper

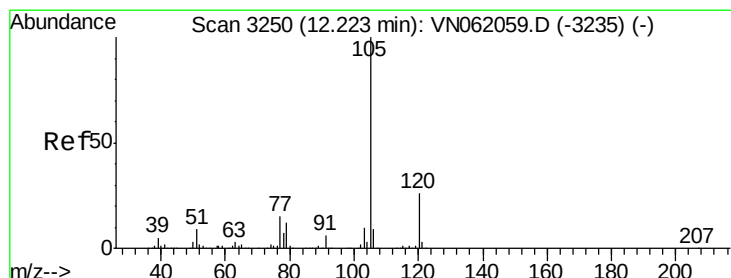
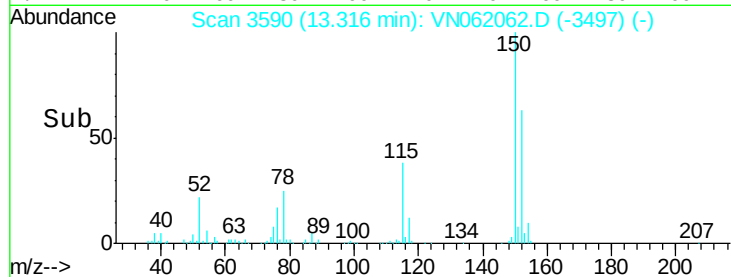
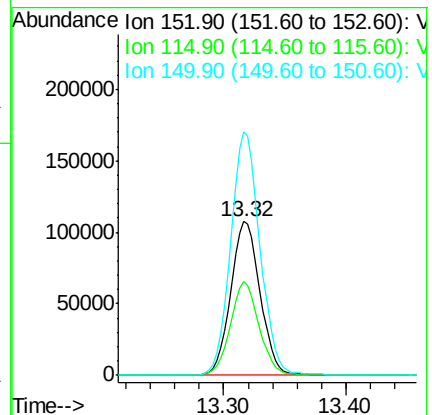
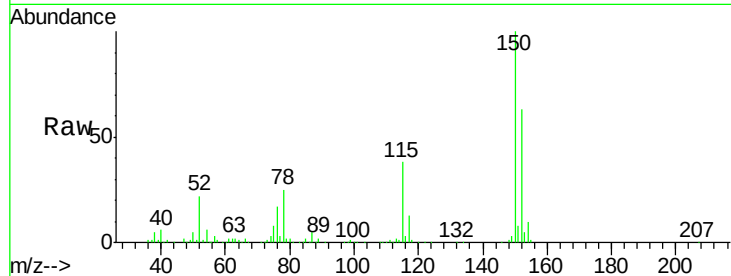
152 100

115 58.8 29.5 88.5

150 158.0 0.0 351.4

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#73

Isopropylbenzene

Concen: 1.035 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062062.D

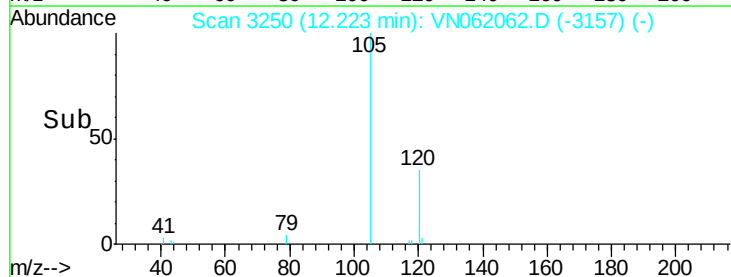
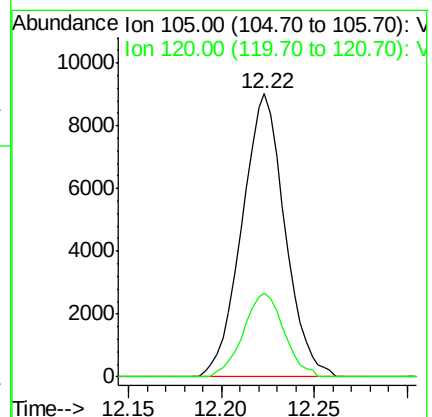
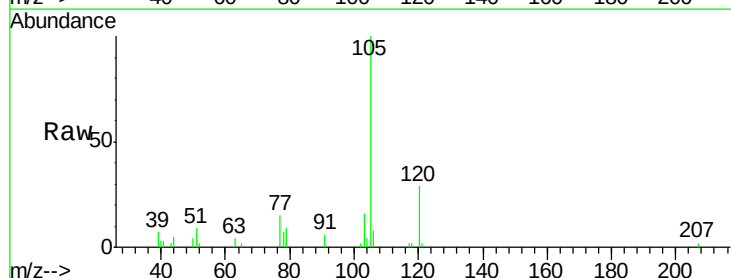
Acq: 24 Jun 2020 13:46

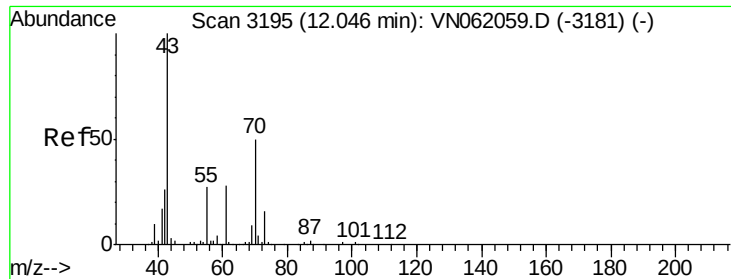
Tgt Ion:105 Resp: 14507

Ion Ratio Lower Upper

105 100

120 27.8 13.2 39.6





#74

N-amvl acetate

Concen: 0.800 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

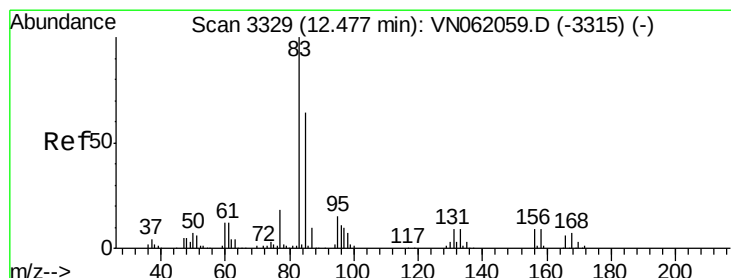
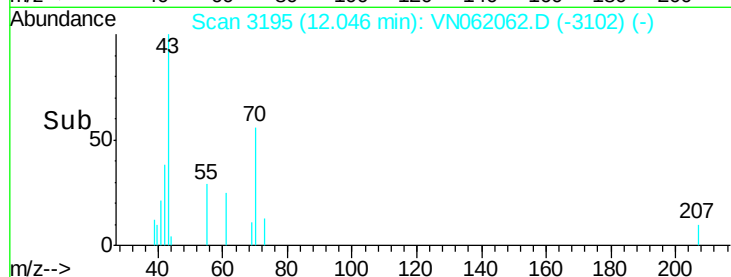
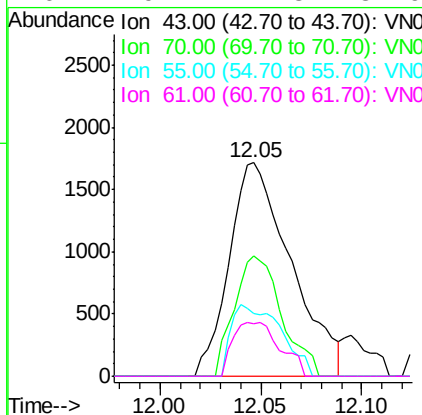
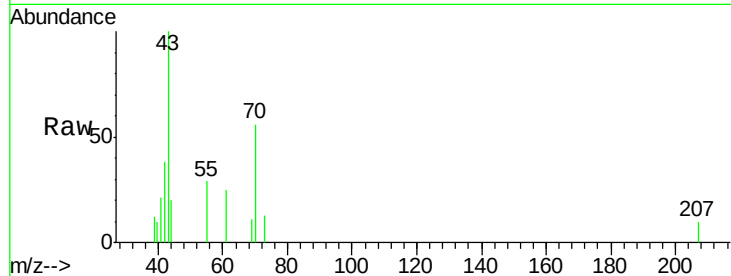
ClientSampled :

VSTDIC001

Tot Ion:	43	Resp:	3666
Ion	Ratio	Lower	Upper
43	100		
70	43.3	39.4	59.2
55	27.2	21.7	32.5
61	19.4	21.3	31.9#

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.190 ug/l

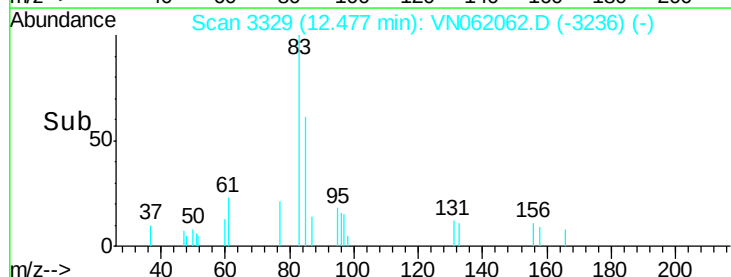
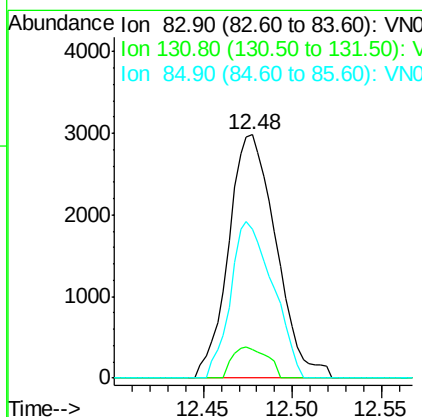
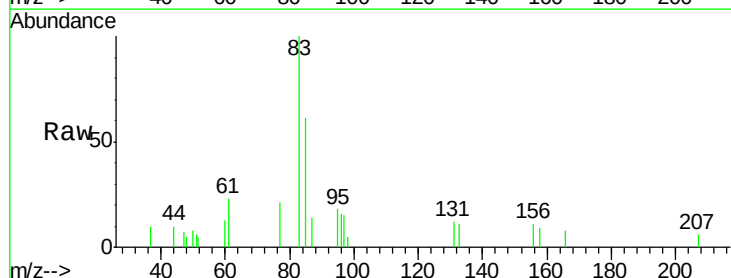
RT: 12.48 min Scan# 3329

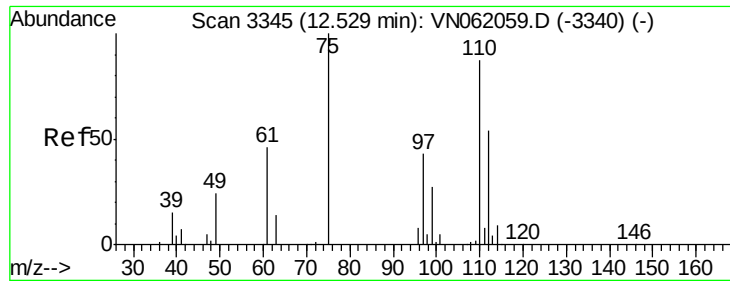
Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion:	83	Resp:	5549
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.8	14.4
85	57.3	32.4	97.0





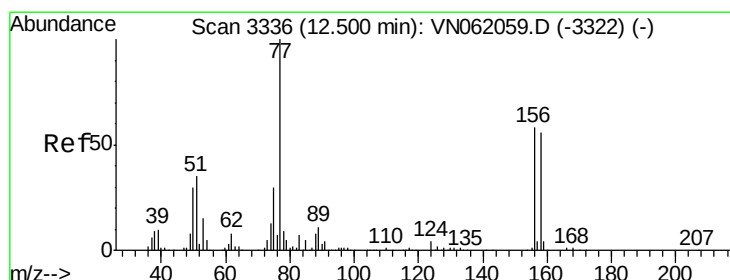
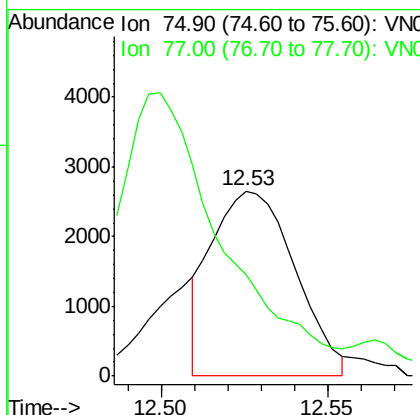
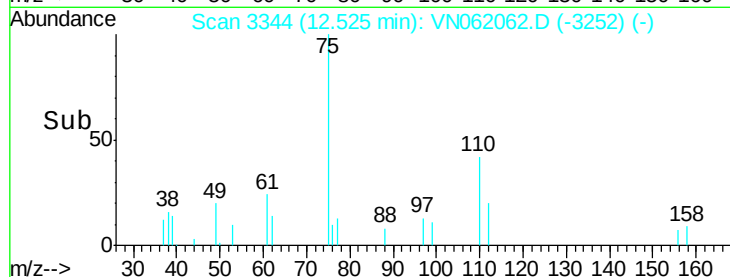
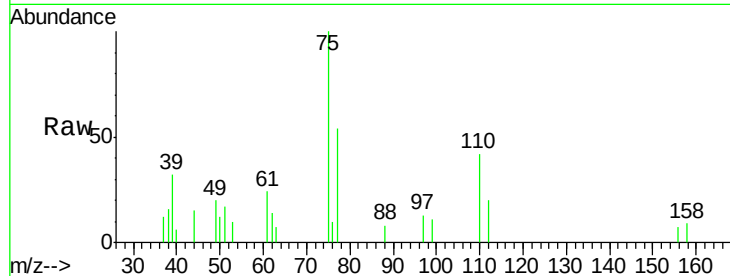
#76
1,2,3-Trichloropropane
Concen: 1.020 ug/l m
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 4614
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

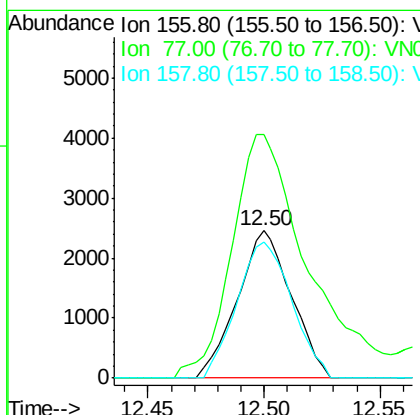
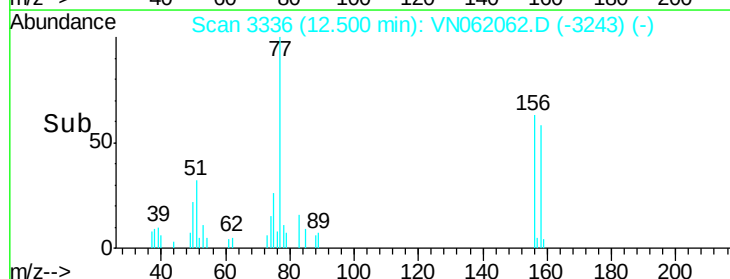
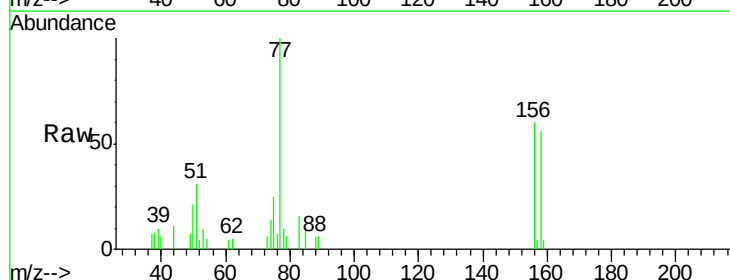
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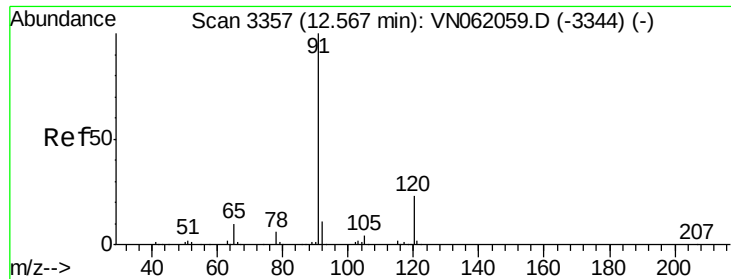
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#77
Bromobenzene
Concen: 1.136 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 156 Resp: 3953
Ion Ratio Lower Upper
156 100
77 232.4 104.6 313.8
158 94.2 48.0 144.0





#78

n-propylbenzene

Concen: 1.053 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 16883

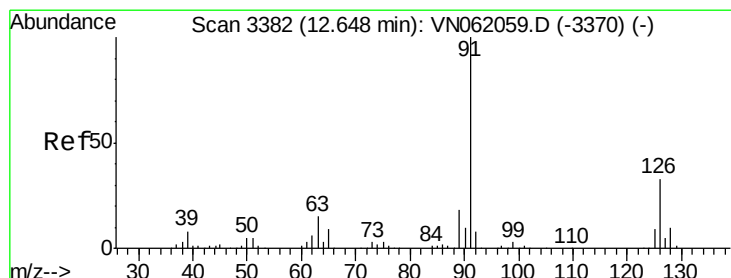
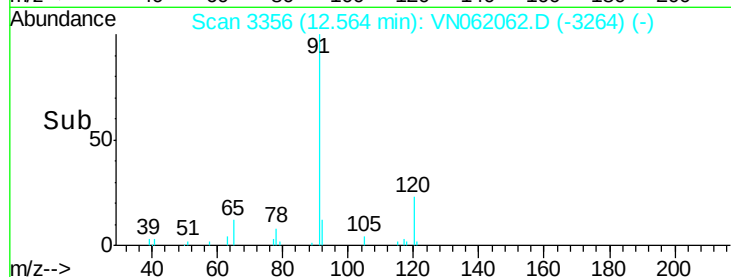
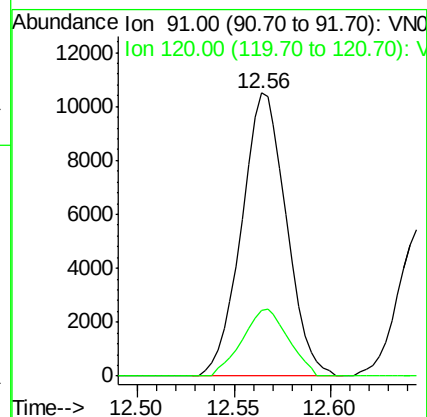
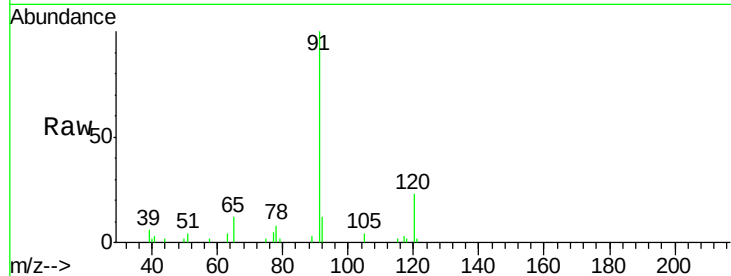
Ion Ratio Lower Upper

91 100

120 24.3 11.4 34.1

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#79

2-Chlorotoluene

Concen: 1.068 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062062.D

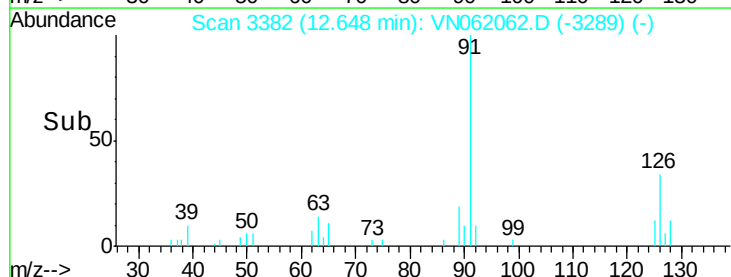
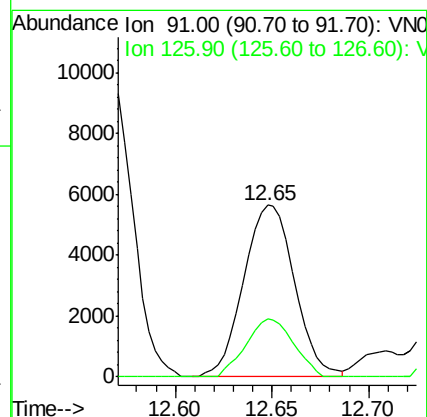
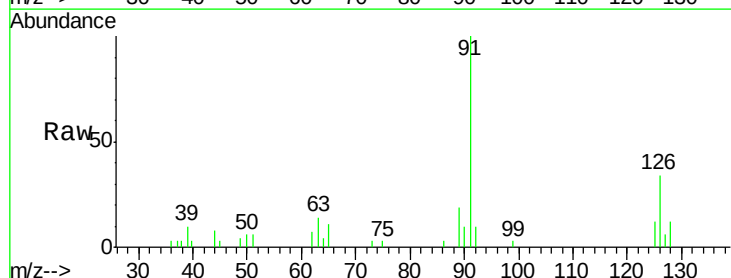
Acq: 24 Jun 2020 13:46

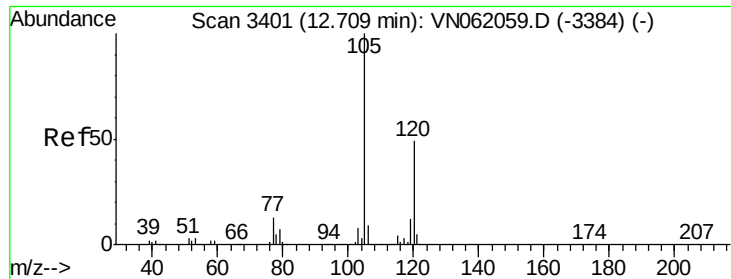
Tgt Ion: 91 Resp: 10356

Ion Ratio Lower Upper

91 100

126 31.3 16.9 50.7





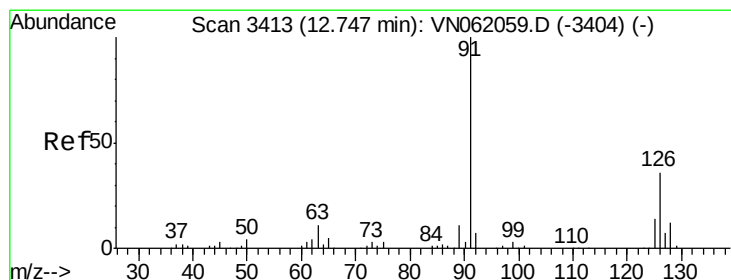
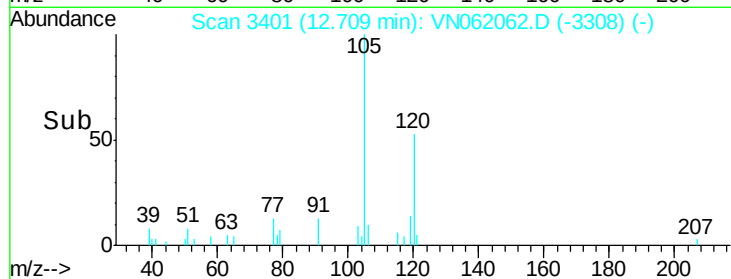
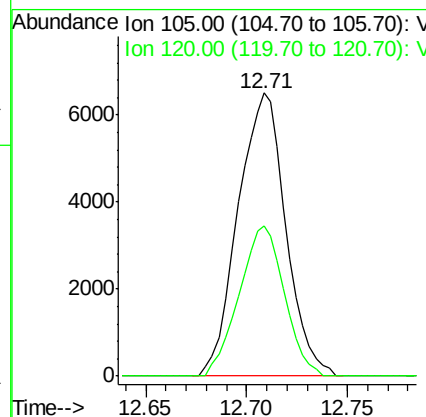
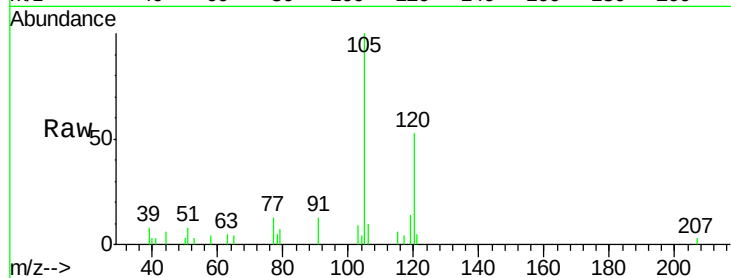
#80
 1,3,5-Trimethylbenzene
 Concen: 0.947 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 10758
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 74.0

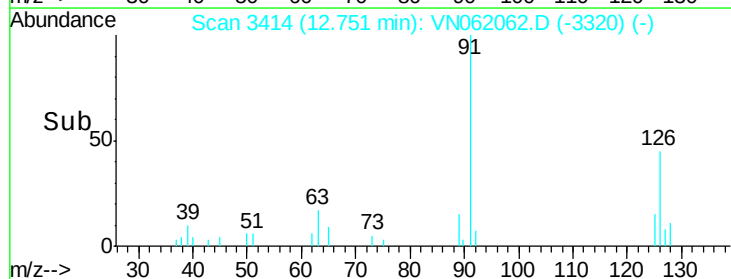
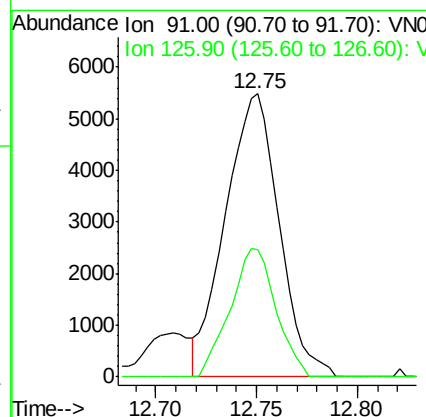
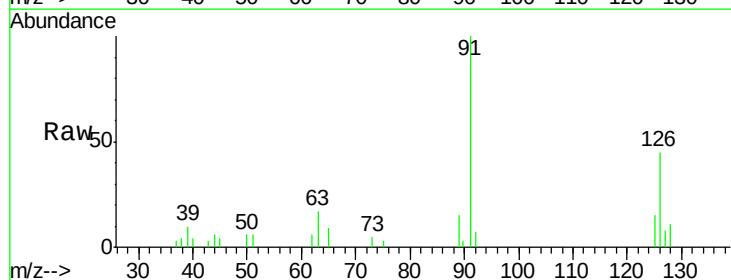
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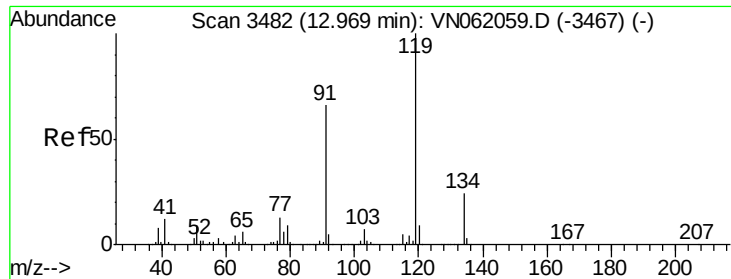
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#82
 4-Chlorotoluene
 Concen: 1.018 ug/l
 RT: 12.75 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 91 Resp: 10200
 Ion Ratio Lower Upper
 91 100
 126 38.6 16.7 50.1





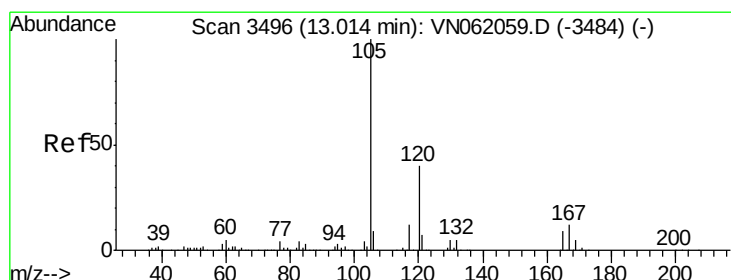
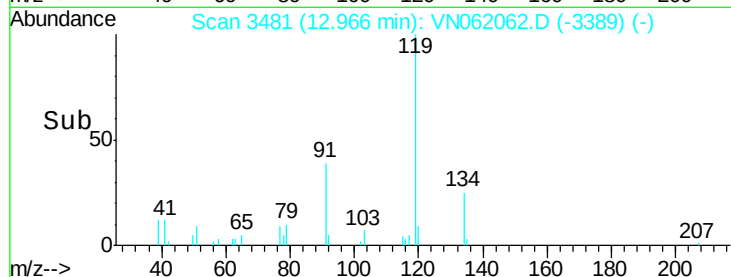
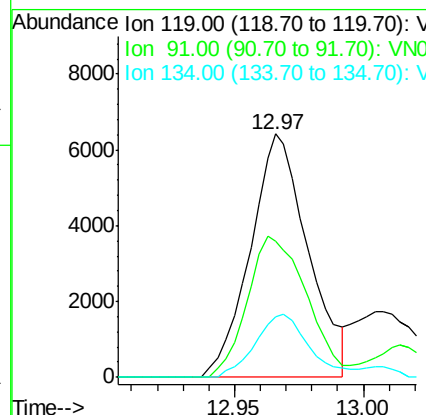
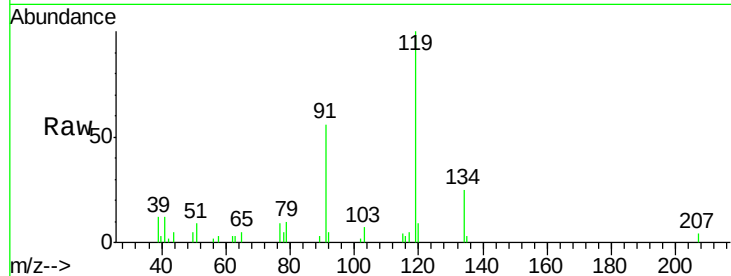
#83
 tert-Butylbenzene
 Concen: 1.029 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	31.7	95.1
134	24.5	13.1	39.1

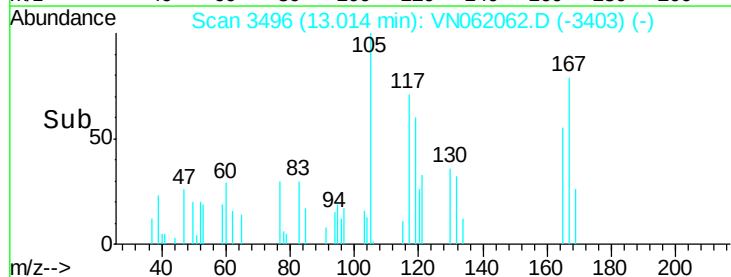
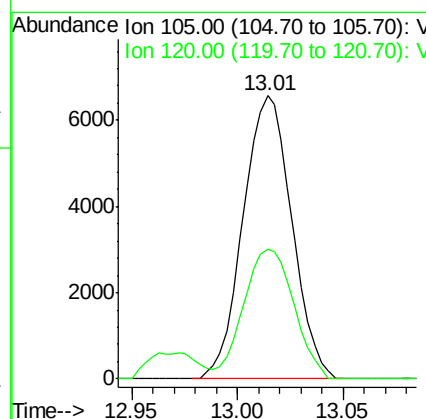
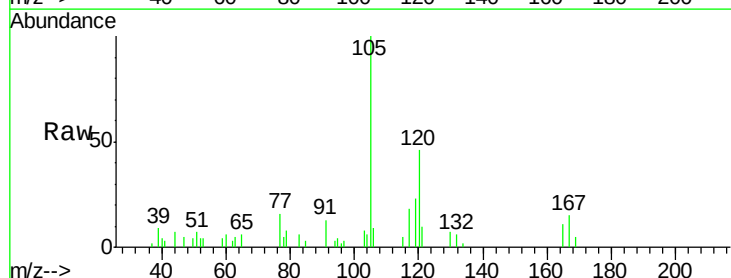
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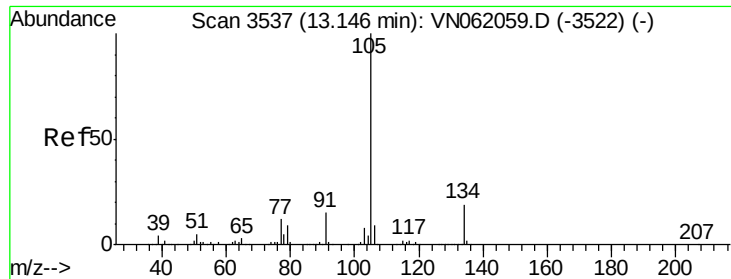
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.929 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.2	69.5





#85

sec-Butylbenzene

Concen: 0.974 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 12515

Ion Ratio Lower Upper

105 100

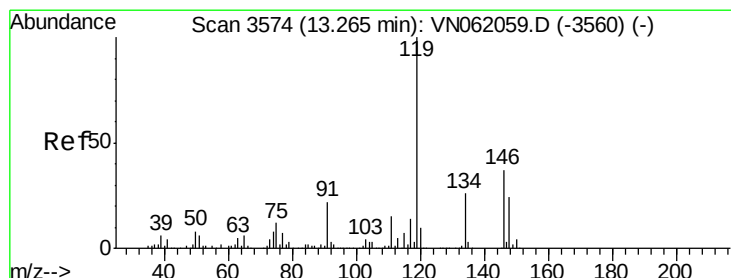
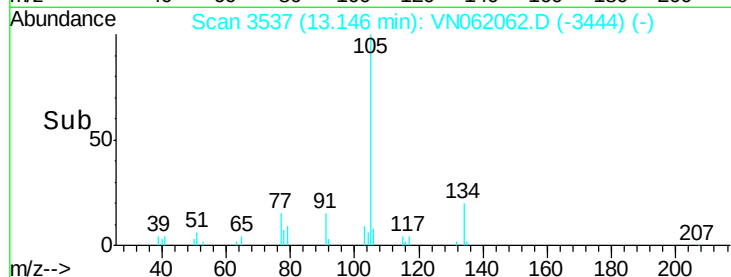
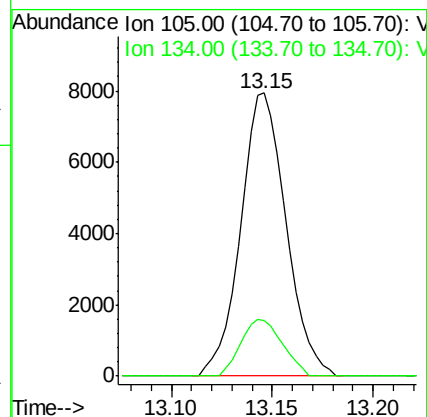
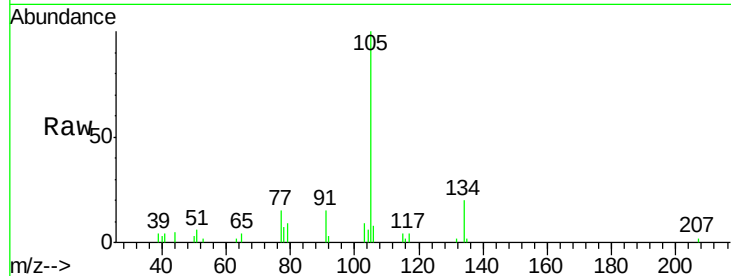
134 18.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 0.895 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

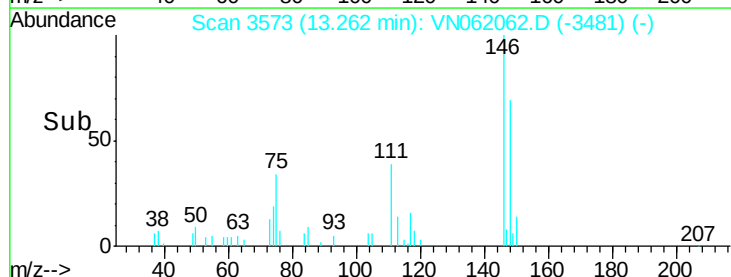
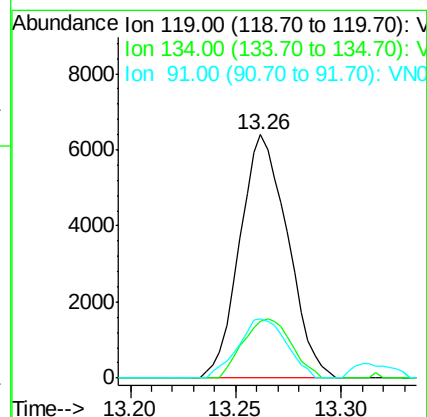
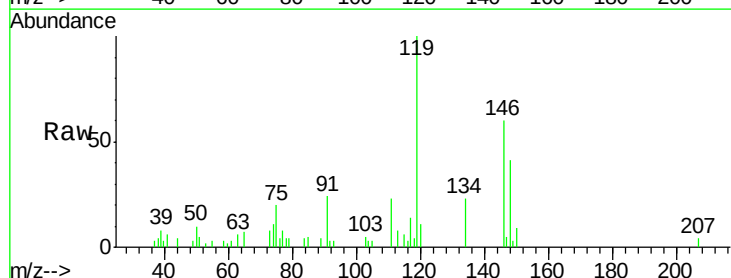
Tgt Ion:119 Resp: 10077

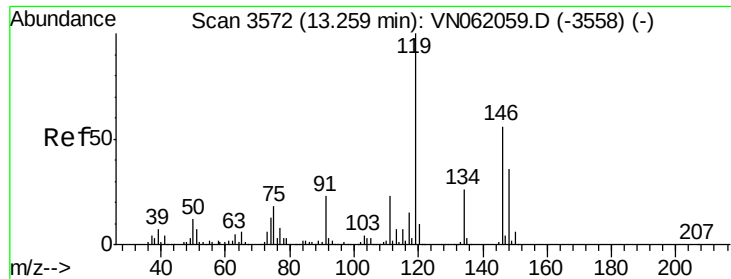
Ion Ratio Lower Upper

119 100

134 24.6 13.0 39.0

91 24.6 11.3 33.8





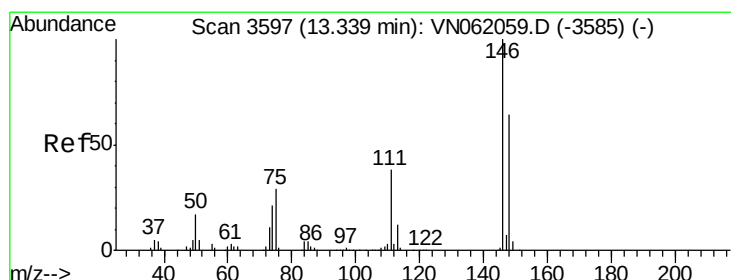
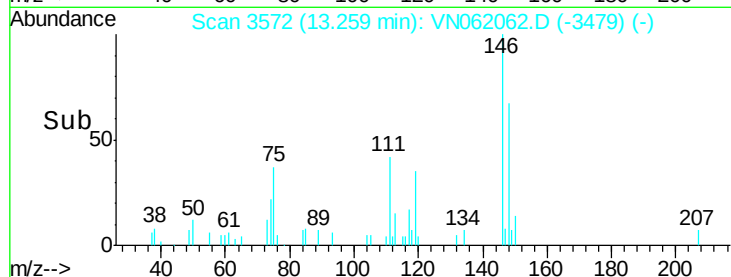
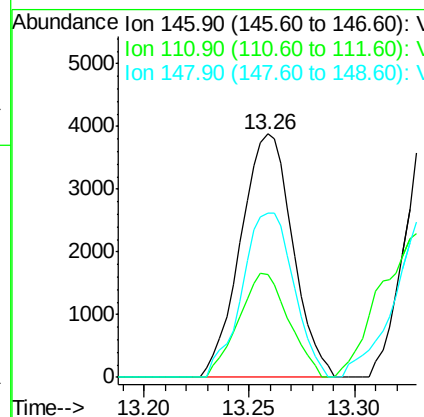
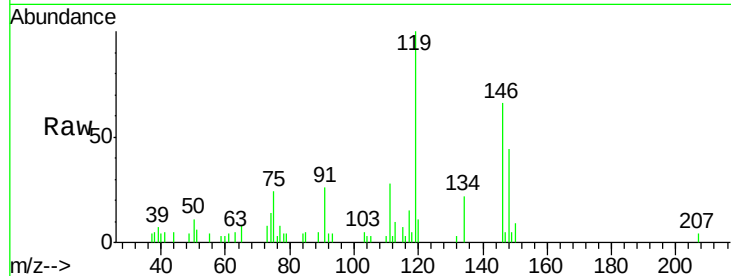
#87
 1,3-Dichlorobenzene
 Concen: 1.092 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:146 Resp: 6672
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 66.7 31.8 95.3

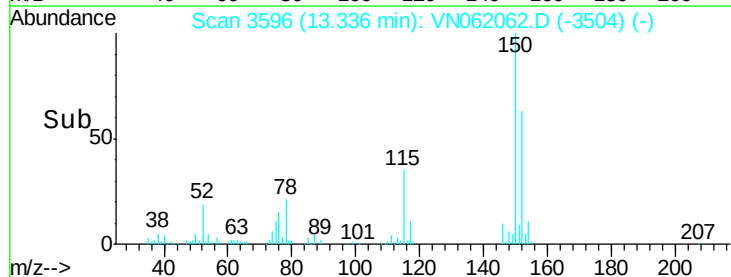
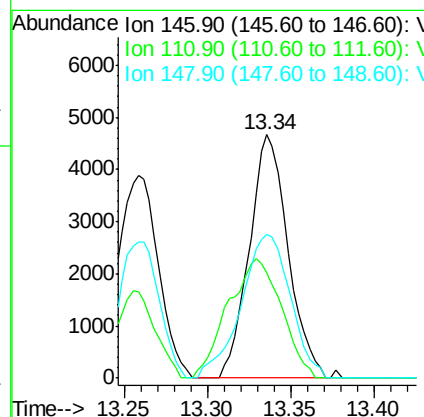
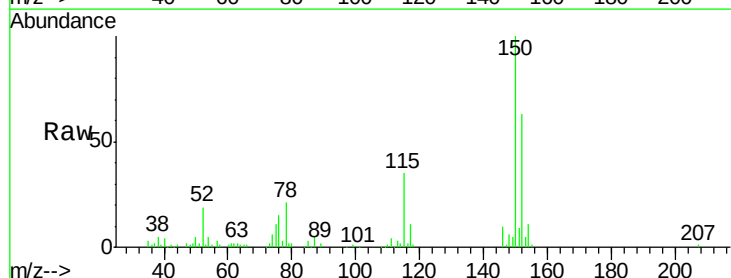
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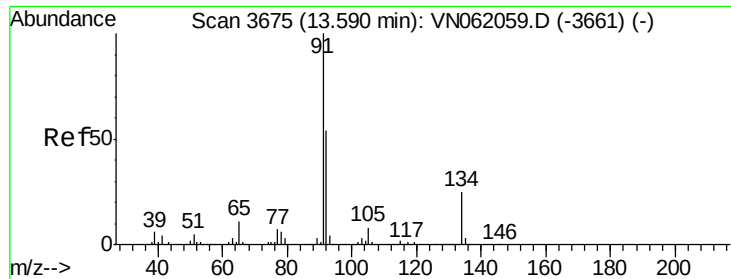
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#88
 1,4-Dichlorobenzene
 Concen: 1.226 ug/l m
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion:146 Resp: 7545
 Ion Ratio Lower Upper
 146 100
 111 36.2 19.9 59.6
 148 59.0 31.9 95.9





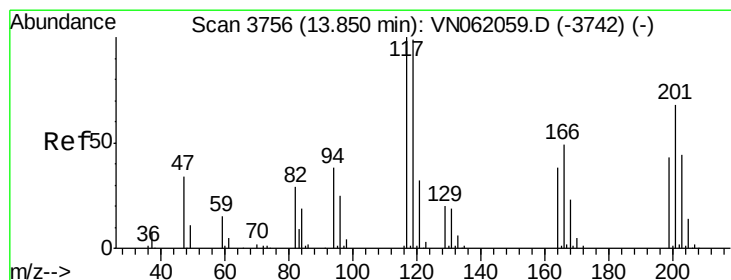
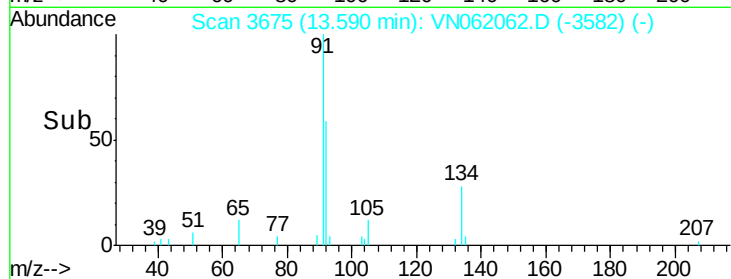
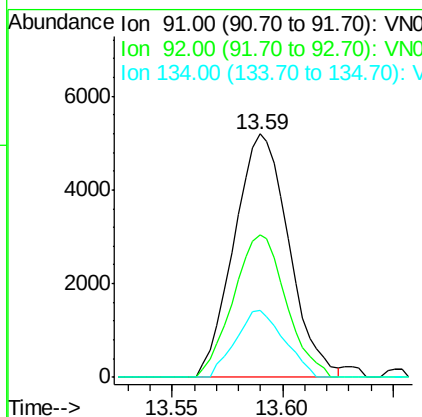
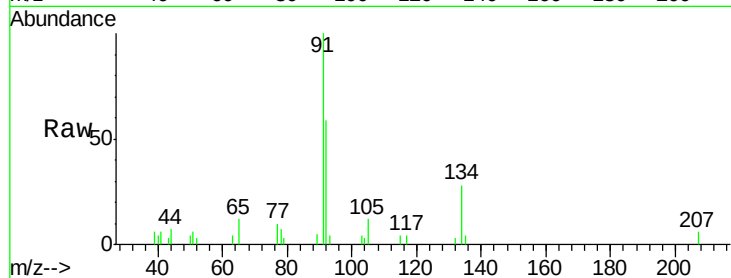
#89
n-Butylbenzene
Concen: 0.955 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.3	26.6	79.7
134	24.3	12.3	36.9

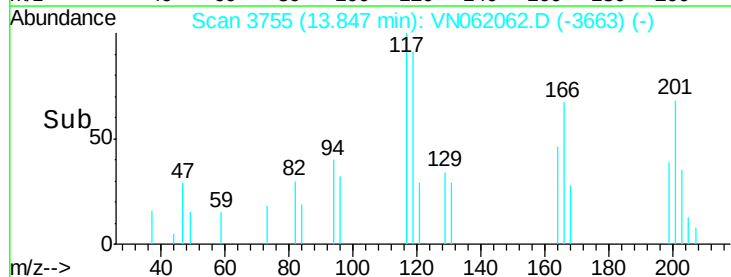
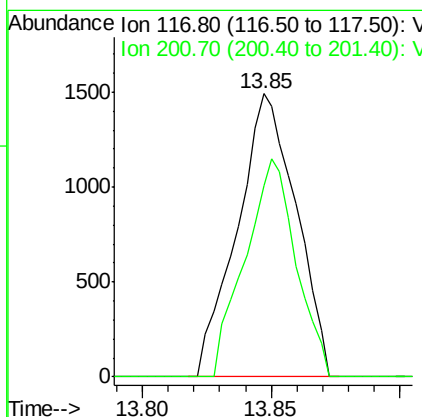
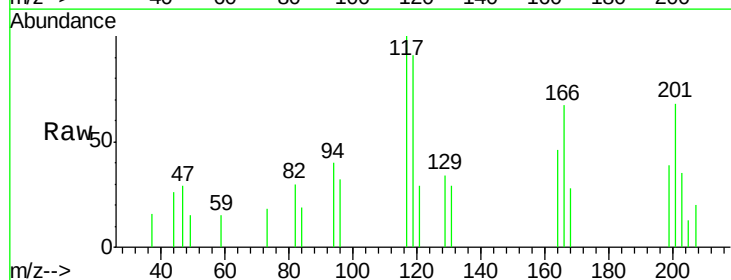
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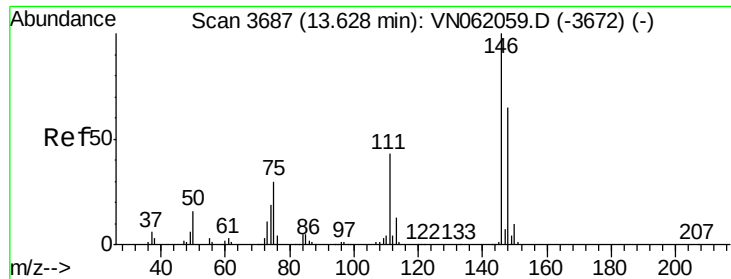
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#90
Hexachloroethane
Concen: 1.078 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.5	32.7	98.1





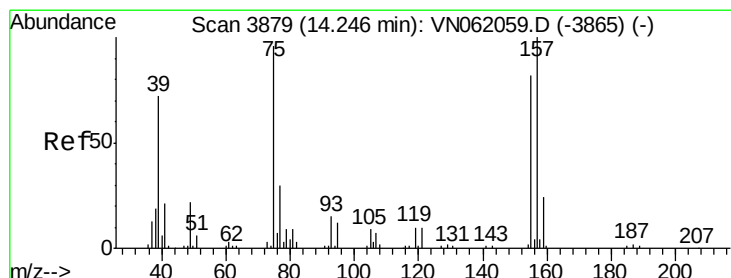
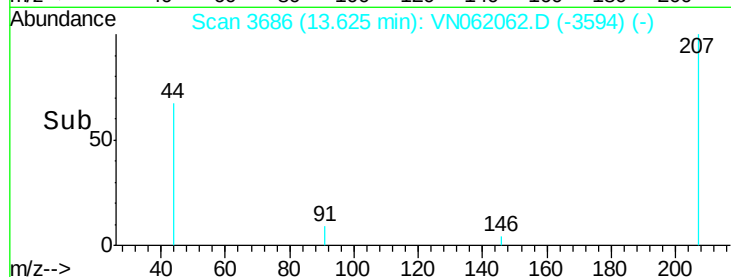
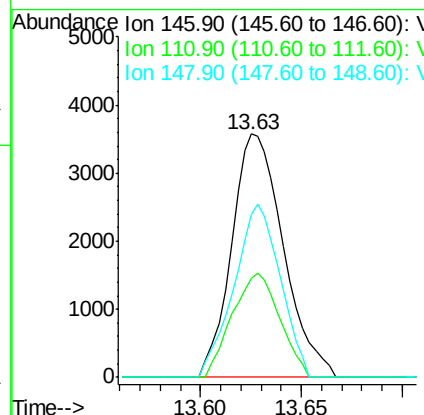
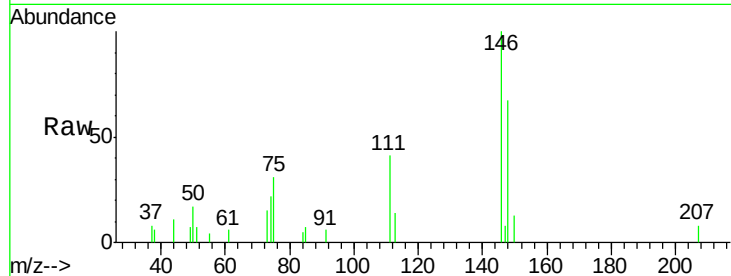
#91
 1,2-Dichlorobenzene
 Concen: 1.080 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	21.2	63.6
148	63.5	31.9	95.5

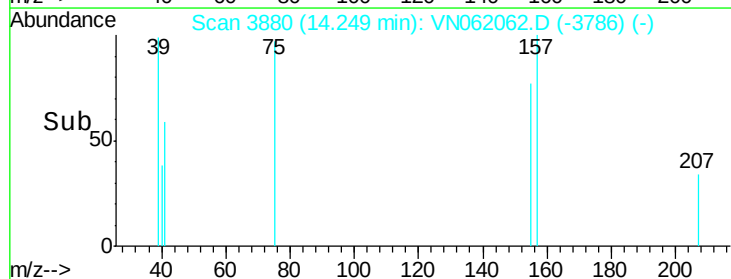
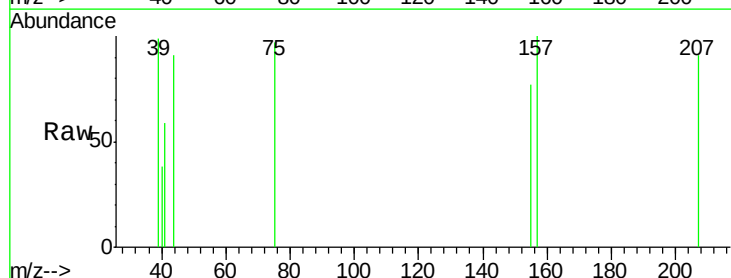
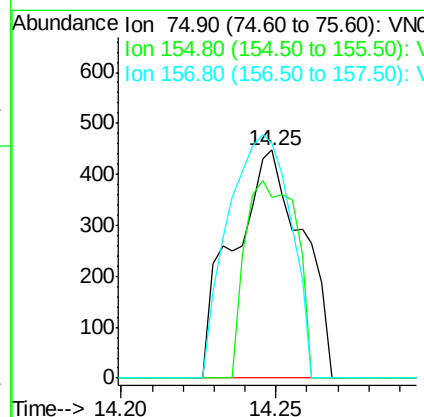
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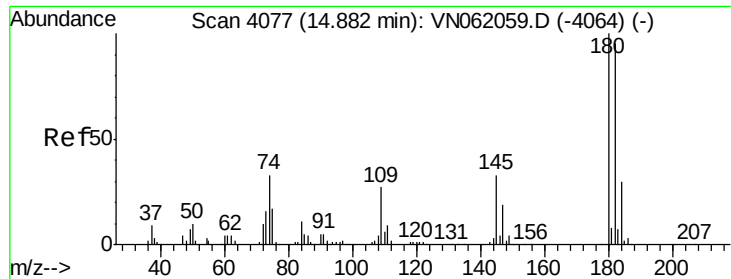
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.930 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	63.7	40.8	122.4
157	96.8	51.4	154.3





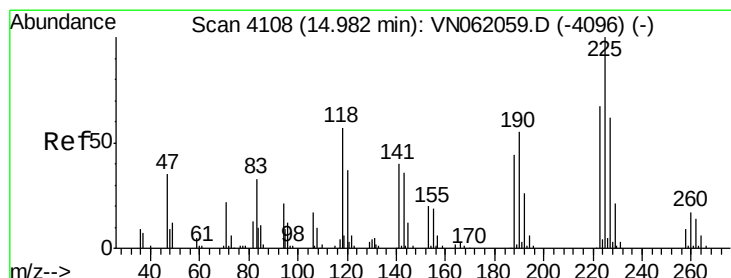
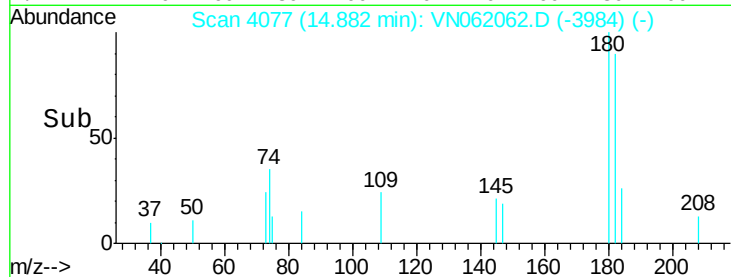
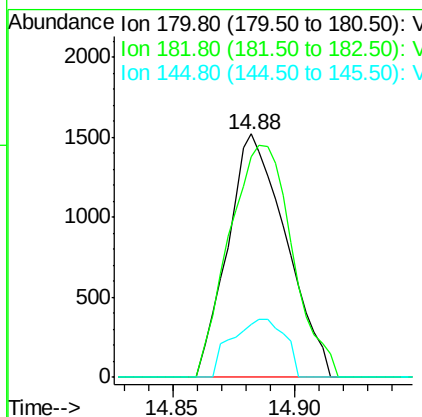
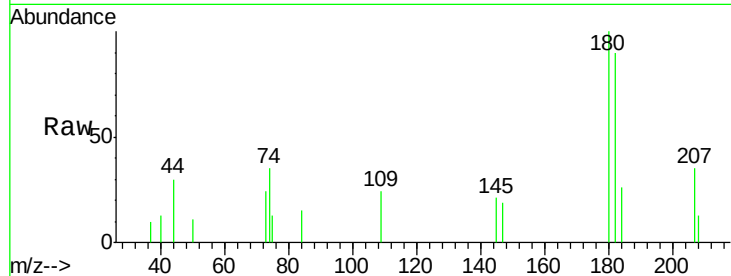
#93
 1,2,4-Trichlorobenzene
 Concen: 0.970 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.9	48.0	144.2
145	21.8	16.0	48.0

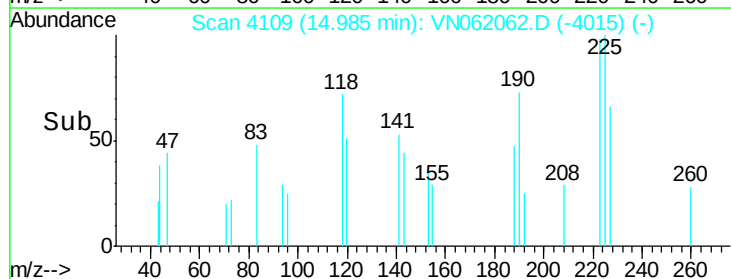
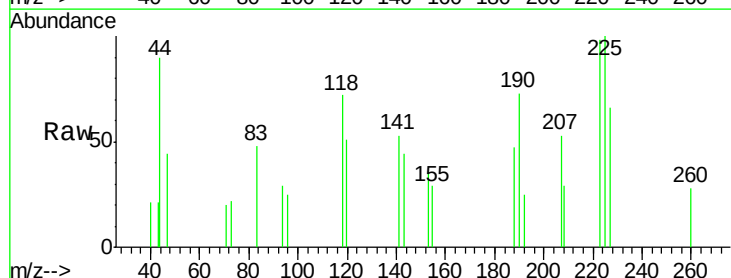
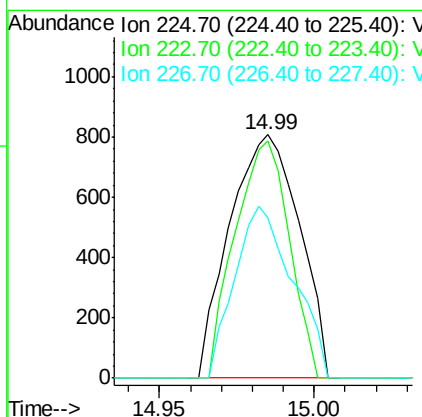
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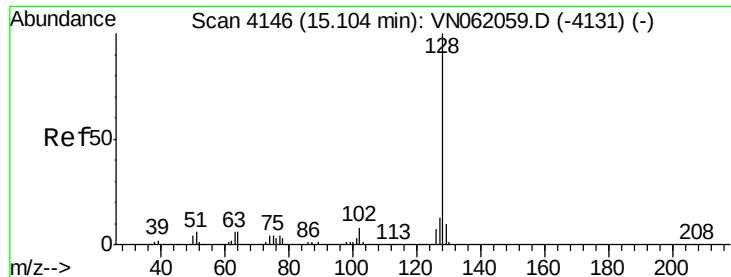
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#94
 Hexachlorobutadiene
 Concen: 1.125 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	76.0	32.9	98.7
227	59.2	31.3	93.8





#95

Naphthalene

Concen: 0.953 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

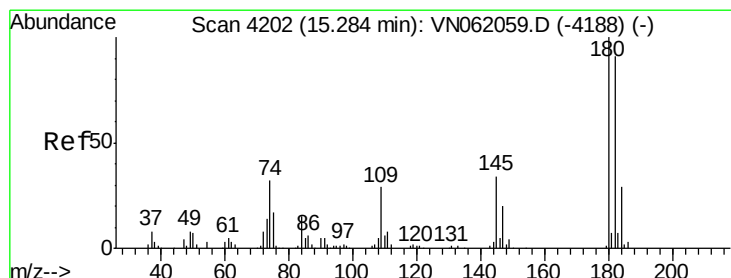
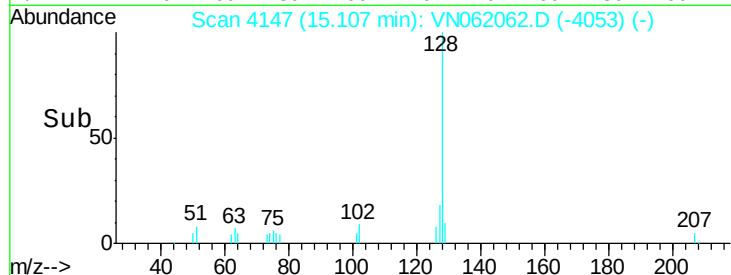
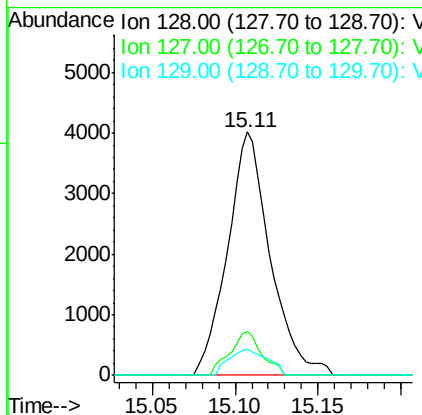
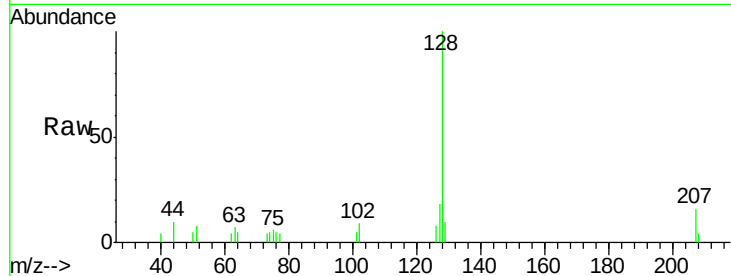
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	9.7	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 1.036 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	46.8	140.4
145	24.6	16.4	49.2

