

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062362.D
 Acq On : 6 Jul 2020 12:24
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:16 AM

Quant Time: Jul 07 05:05:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	986256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1684233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1501482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	594280	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	13367	1.189 ug/l	95
3) Chloromethane	2.04	50	20364	1.352 ug/l	96
4) Vinyl Chloride	2.16	62	17951	1.050 ug/l	100
6) Chloroethane	2.67	64	9490	0.831 ug/l #	87
7) Trichlorofluoromethane	2.98	101	22048	1.011 ug/l	93
8) Diethyl Ether	3.37	74	9478	1.248 ug/l	76
9) 1,1,2-Trichlorotrifluoroet	3.72	101	13999	1.239 ug/l #	85
12) 1,1-Dichloroethene	3.70	96	11998	1.070 ug/l	85
14) Allyl chloride	4.27	41	24542	1.439 ug/l	93
15) Acrylonitrile	4.94	53	29645	5.227 ug/l #	92
16) Acetone	3.77	43	50117	9.088 ug/l	98
17) Carbon Disulfide	4.01	76	40343	1.126 ug/l	98
18) Methyl Acetate	4.28	43	25167	2.070 ug/l #	89
19) Methyl tert-butyl Ether	4.99	73	39403	1.067 ug/l	92
20) Methylene Chloride	4.50	84	23435	1.684 ug/l #	89
21) trans-1,2-Dichloroethene	5.00	96	13237	1.041 ug/l	94
22) Diisopropyl ether	5.90	45	49238	1.295 ug/l	95
23) Vinyl Acetate	5.84	43	211740	6.842 ug/l #	93
24) 1,1-Dichloroethane	5.80	63	25831	1.114 ug/l	96
25) 2-Butanone	6.79	43	50918	6.831 ug/l	95
26) 2,2-Dichloropropane	6.78	77	23450	1.224 ug/l	84
27) cis-1,2-Dichloroethene	6.78	96	14344	0.997 ug/l	96
28) Bromochloromethane	7.15	49	13832	1.297 ug/l #	84
29) Tetrahydrofuran	7.17	42	29572	6.072 ug/l	94
30) Chloroform	7.33	83	26462	1.136 ug/l	88
32) 1,1,1-Trichloroethane	7.52	97	22472	1.144 ug/l #	53
36) 1,1-Dichloropropene	7.75	75	19948	1.162 ug/l	100
37) Ethyl Acetate	6.88	43	18126	1.173 ug/l	96
38) Carbon Tetrachloride	7.73	117	19821	1.211 ug/l	95
39) Methylcyclohexane	9.05	83	20836	1.114 ug/l	90
40) Benzene	8.00	78	56188	1.084 ug/l	96
41) Methacrylonitrile	7.14	41	13244m	1.889 ug/l	
42) 1,2-Dichloroethane	8.08	62	24847	1.359 ug/l	83
43) Isopropyl Acetate	8.13	43	33337	1.320 ug/l #	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	14056	1.086	ug/l	94
45) 1,2-Dichloropropane	9.08	63	16143	1.228	ug/l	91
46) Dibromomethane	9.17	93	10278	1.175	ug/l #	87
47) Bromodichloromethane	9.36	83	20841	1.170	ug/l	97
48) Methyl methacrylate	9.17	41	16843	1.452	ug/l	92
49) 1,4-Dioxane	9.17	88	5464	23.917	ug/l #	78
51) 4-Methyl-2-Pentanone	9.95	43	98490	6.736	ug/l	98
52) Toluene	10.12	92	30021	0.957	ug/l	91
53) t-1,3-Dichloropropene	10.36	75	19512	0.993	ug/l #	86
54) cis-1,3-Dichloropropene	9.81	75	22193	1.068	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	12446	1.009	ug/l #	94
56) Ethyl methacrylate	10.41	69	16946	0.992	ug/l	97
57) 1,3-Dichloropropane	10.68	76	23559	1.091	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	31705	4.941	ug/l #	78
59) 2-Hexanone	10.72	43	67358	6.312	ug/l	95
60) Dibromochloromethane	10.87	129	14057	1.060	ug/l	97
61) 1,2-Dibromoethane	10.98	107	12730	1.003	ug/l	91
64) Tetrachloroethene	10.60	164	12162	1.194	ug/l	88
65) Chlorobenzene	11.41	112	33291	1.013	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	12088	1.054	ug/l #	57
67) Ethyl Benzene	11.48	91	60316	1.078	ug/l	99
68) m/p-Xylenes	11.59	106	38765	1.810	ug/l	87
69) o-Xylene	11.92	106	19509	0.966	ug/l	95
70) Styrene	11.94	104	31324	0.928	ug/l	97
71) Bromoform	12.10	173	9037	1.092	ug/l #	94
73) Isopropylbenzene	12.22	105	51976	1.133	ug/l	100
74) N-amyl acetate	12.05	43	21183	1.274	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	18484	1.201	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	14958m	1.067	ug/l	
77) Bromobenzene	12.50	156	11043	0.975	ug/l	72
78) n-propylbenzene	12.56	91	58662	1.114	ug/l	94
79) 2-Chlorotoluene	12.65	91	37027	1.157	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	41212	1.102	ug/l	99
82) 4-Chlorotoluene	12.75	91	36213	1.095	ug/l	99
83) tert-Butylbenzene	12.97	119	34341	1.079	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	41110	1.103	ug/l	98
85) sec-Butylbenzene	13.15	105	43204	1.022	ug/l	98
86) p-Isopropyltoluene	13.26	119	40411	1.094	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	19645	0.985	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	22834m	1.109	ug/l	
89) n-Butylbenzene	13.59	91	32057	1.036	ug/l	96
90) Hexachloroethane	13.85	117	9369	1.274	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	17670	0.913	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2793	1.096	ug/l	64
93) 1,2,4-Trichlorobenzene	14.89	180	6212	0.727	ug/l	86
94) Hexachlorobutadiene	14.98	225	7042	1.794	ug/l	91
95) Naphthalene	15.11	128	16351	0.667	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.28	180	8301	0.952	ug/l	99

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MSVOA_N
ClientSampleId :
VSTDICC001

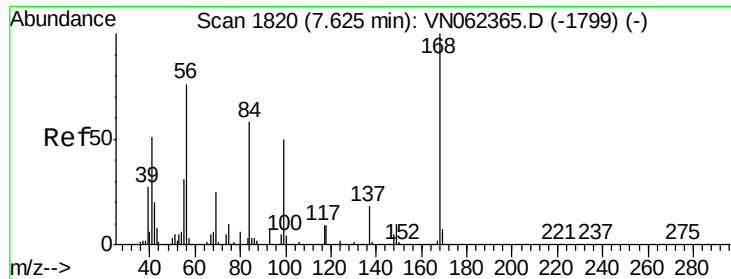
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 986256

Ion Ratio Lower Upper

168 100

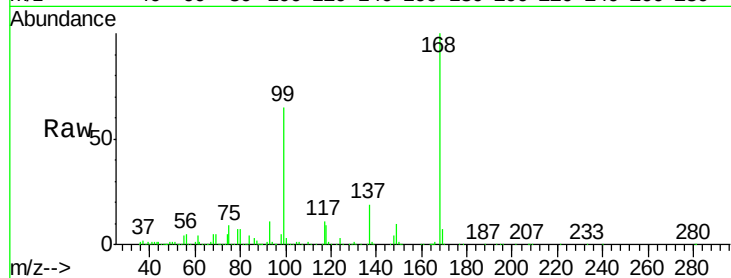
99 64.8 52.9 79.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

400000

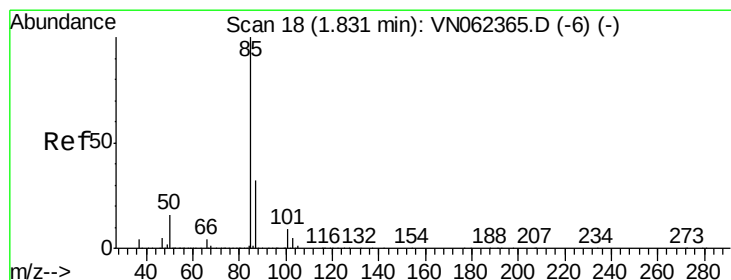
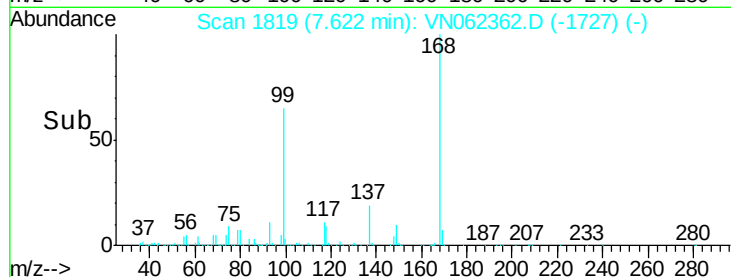
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.189 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062362.D

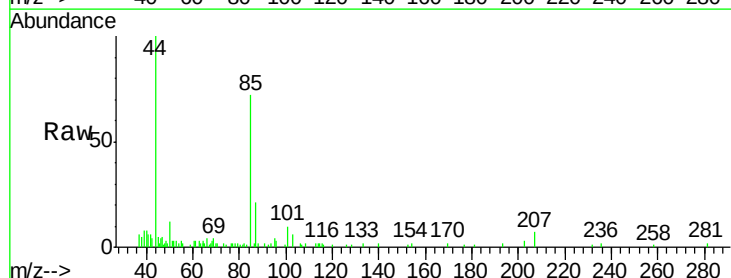
Acq: 6 Jul 2020 12:24

Tgt Ion: 85 Resp: 13367

Ion Ratio Lower Upper

85 100

87 28.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

10000

8000

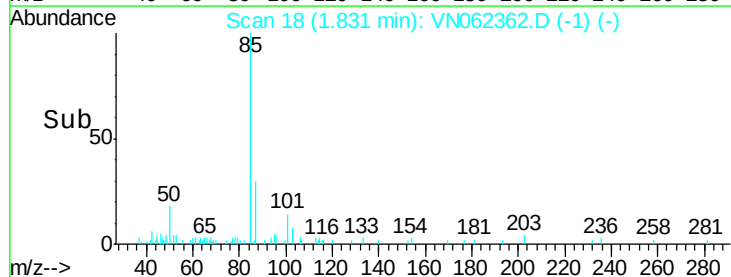
6000

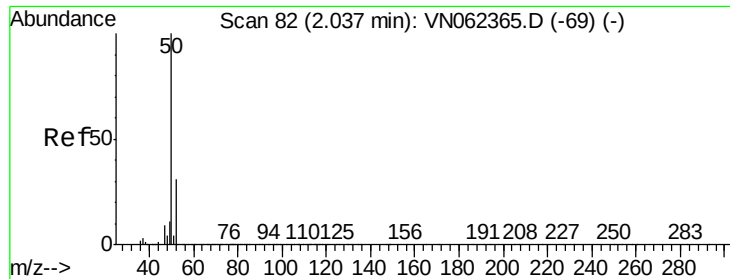
4000

2000

0

Time-->





#3

Chloromethane

Concen: 1.352 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 20364

Ion Ratio Lower Upper

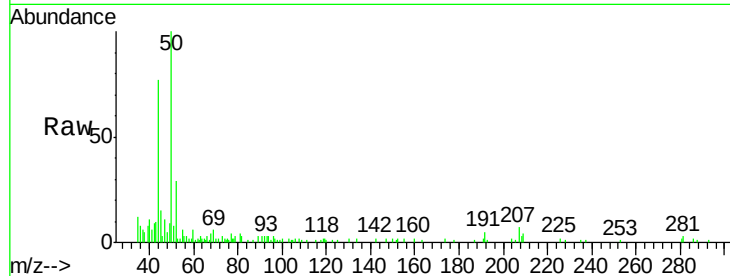
50 100

52 29.3 25.0 37.6

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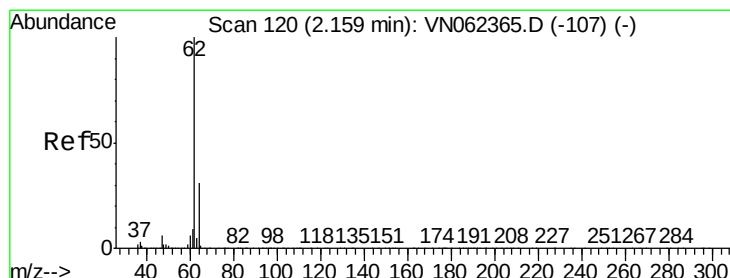
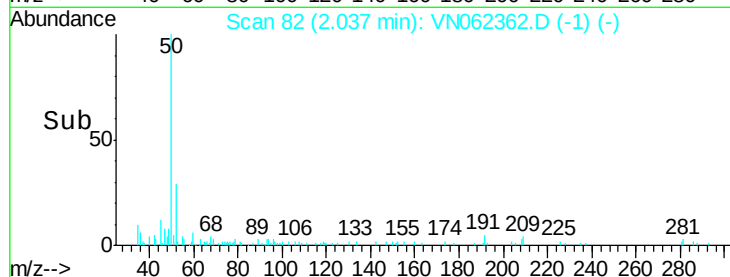
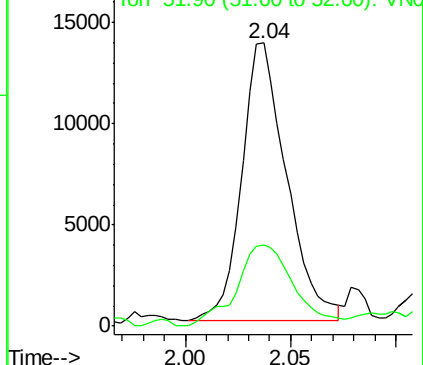
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.050 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062362.D

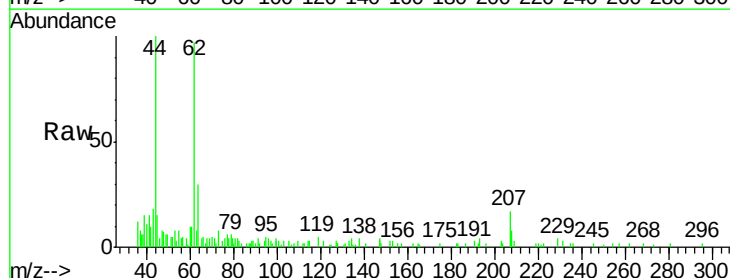
Acq: 6 Jul 2020 12:24

Tgt Ion: 62 Resp: 17951

Ion Ratio Lower Upper

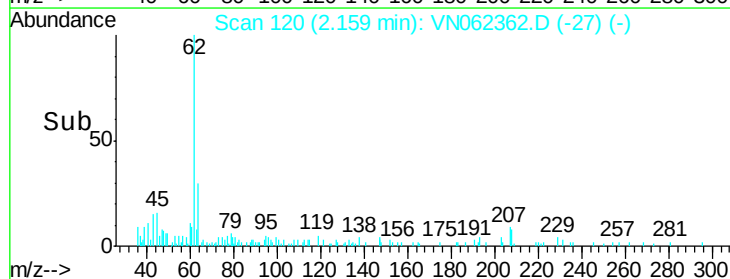
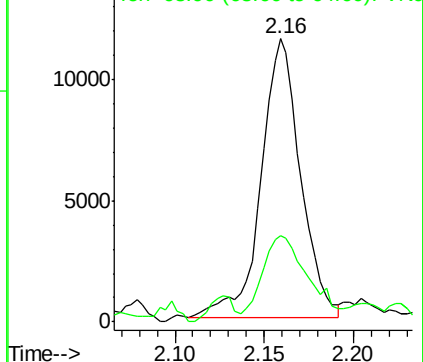
62 100

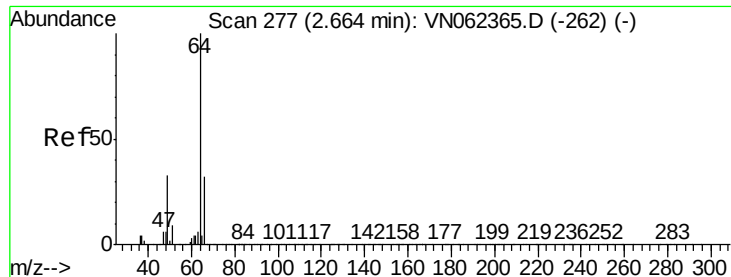
64 30.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 0.831 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 9490

Ion Ratio Lower Upper

64 100

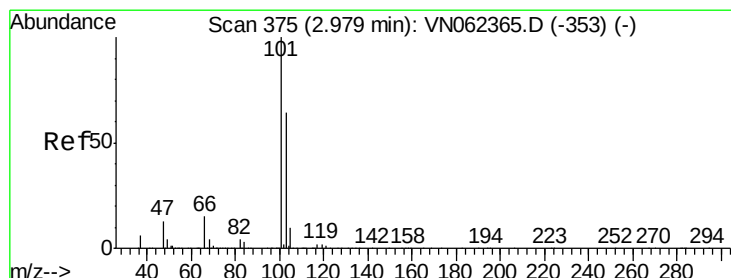
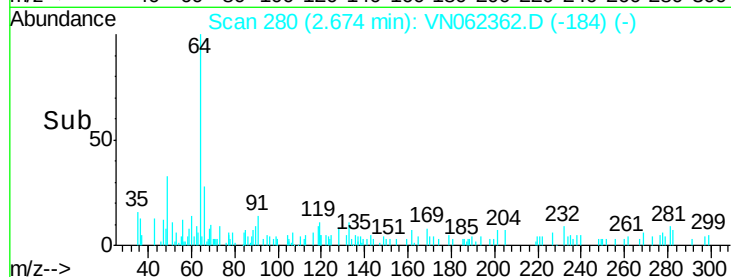
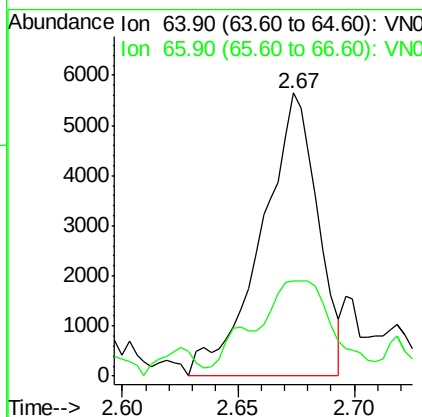
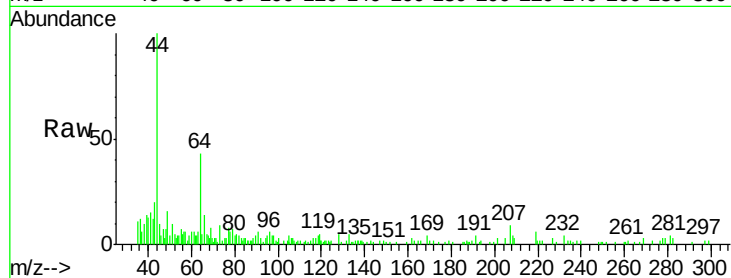
66 25.1 25.7 38.5#

Manual Integrations

APPROVED

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7/7/2020 10:08:16 AM



#7

Trichlorofluoromethane

Concen: 1.011 ug/l

RT: 2.98 min Scan# 375

Delta R.T. -0.00 min

Lab File: VN062362.D

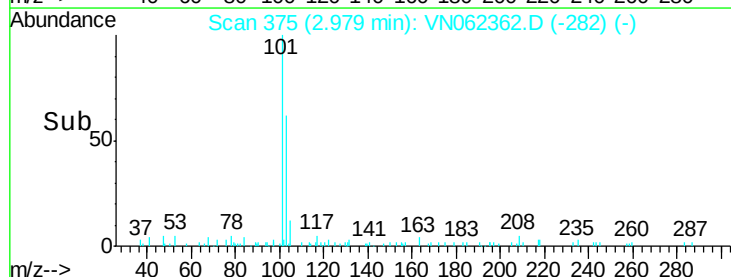
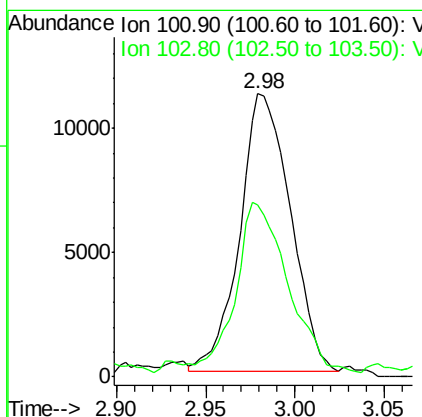
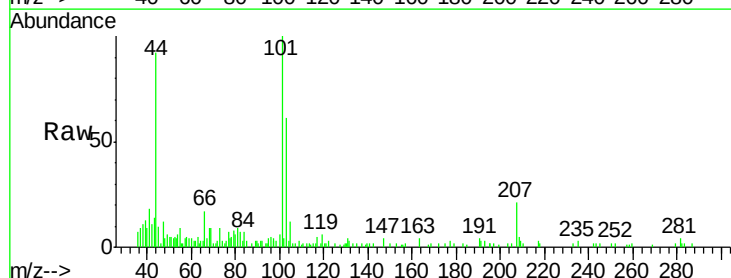
Acq: 6 Jul 2020 12:24

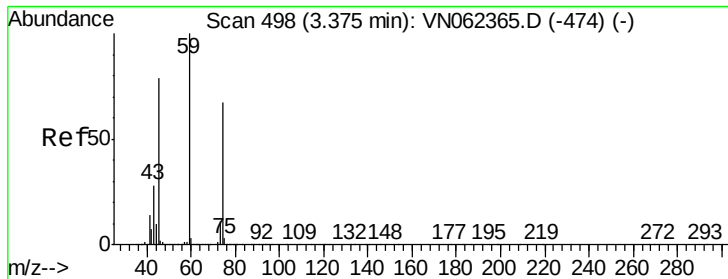
Tgt Ion: 101 Resp: 22048

Ion Ratio Lower Upper

101 100

103 58.2 51.0 76.6





#8

Diethyl Ether

Concen: 1.248 ug/l

RT: 3.37 min Scan# 497

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 9478

Ion Ratio Lower Upper

74 100

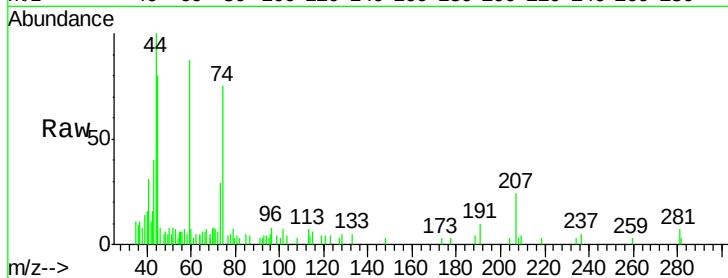
45 93.4 59.9 179.7

Manual Integrations

APPROVED

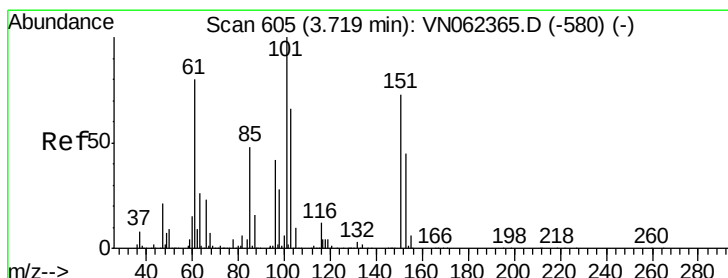
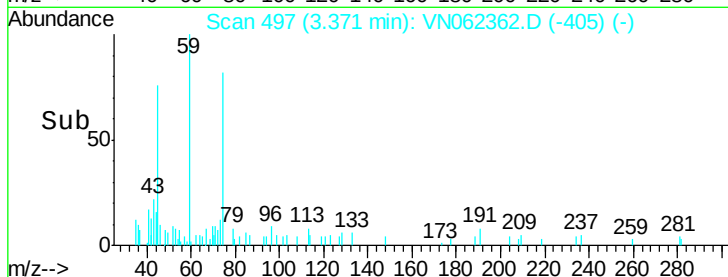
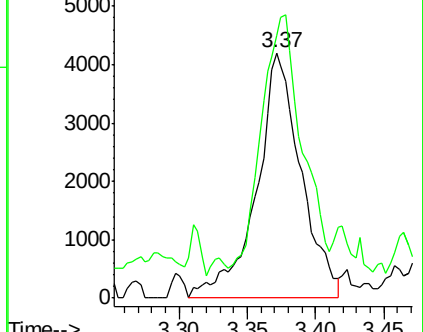
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7/7/2020 10:08:16 AM



Abundance Ion 74.00 (73.70 to 74.70): VN062365.D (-474) (-)

Ion 45.00 (44.70 to 45.70): VN062365.D (-474) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.239 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

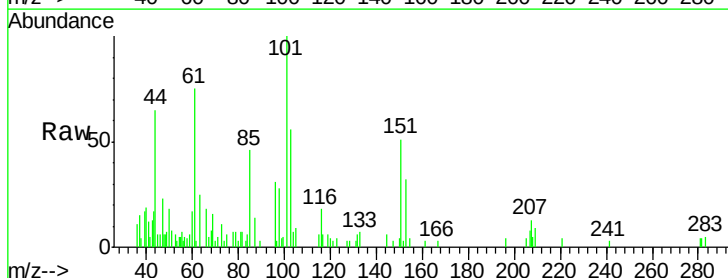
Tgt Ion: 101 Resp: 13999

Ion Ratio Lower Upper

101 100

85 36.9 38.6 57.8#

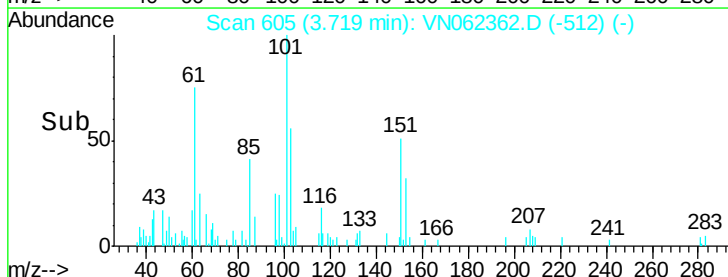
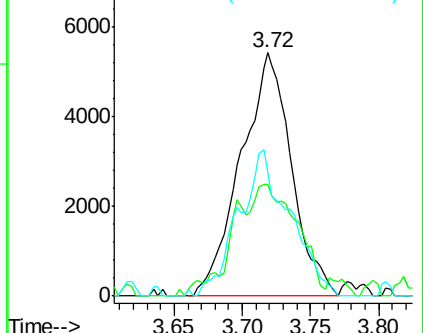
151 60.7 58.3 87.5

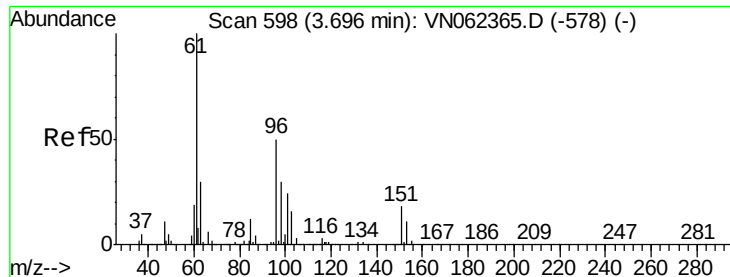


Abundance Ion 100.90 (100.60 to 101.60): VN062365.D (-580) (-)

Ion 84.90 (84.60 to 85.60): VN062365.D (-580) (-)

Ion 150.80 (150.50 to 151.50): VN062365.D (-580) (-)





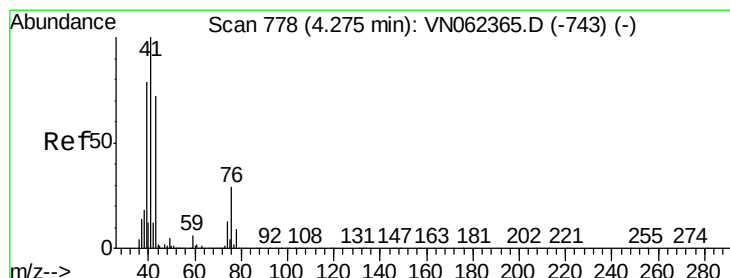
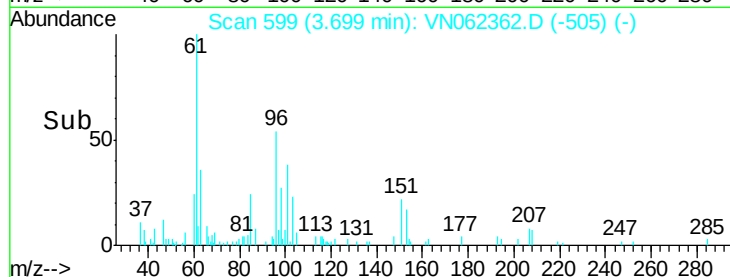
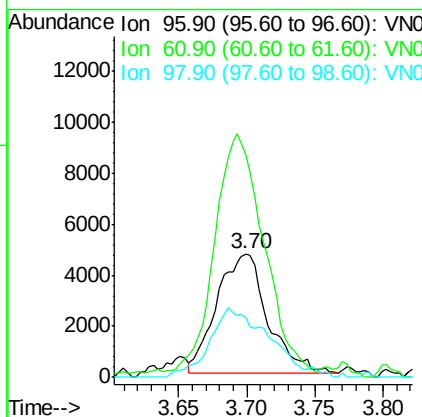
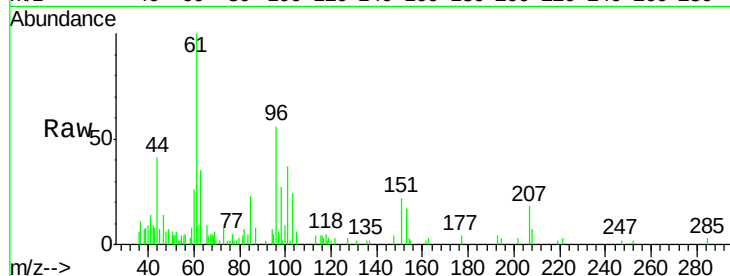
#12
1,1-Dichloroethene
Concen: 1.070 ug/l
RT: 3.70 min Scan# 599
Delta R.T. 0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	178.5	161.4	242.0
98	49.5	48.8	73.2

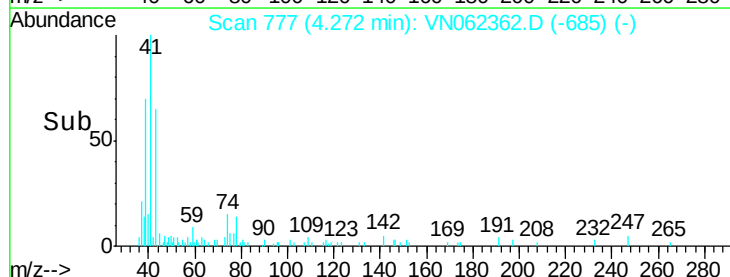
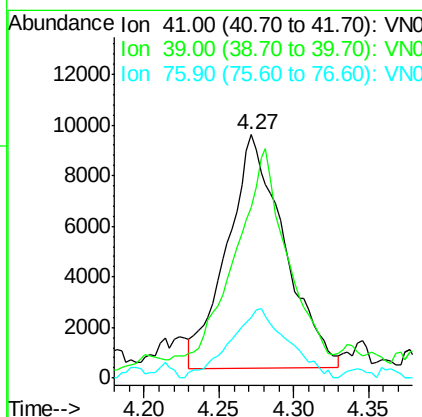
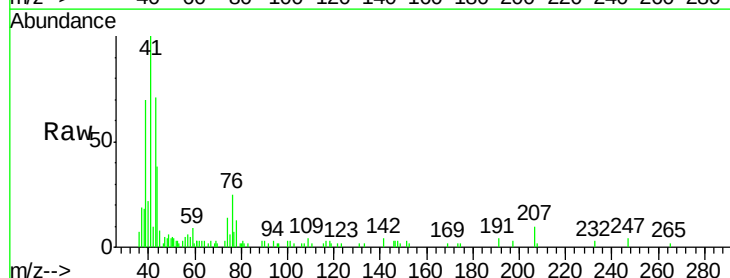
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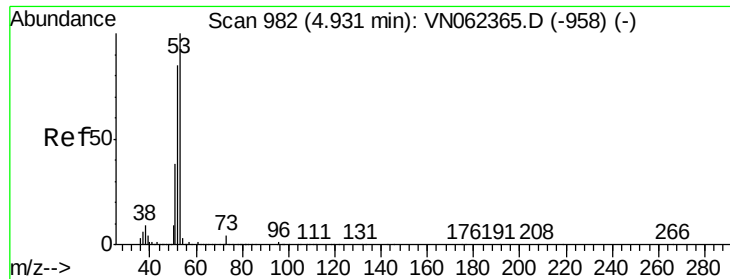
MMDadoda
7/7/2020 10:08:16 AM



#14
Allyl chloride
Concen: 1.439 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.6	59.8	89.6
76	29.9	20.7	31.1





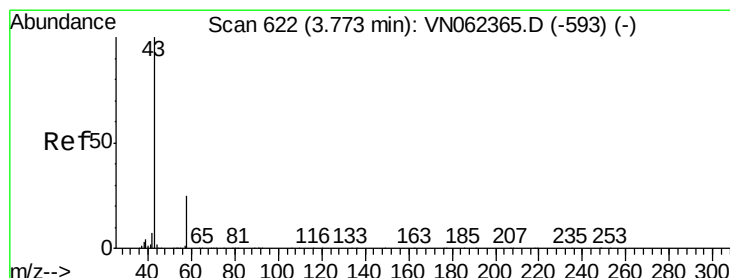
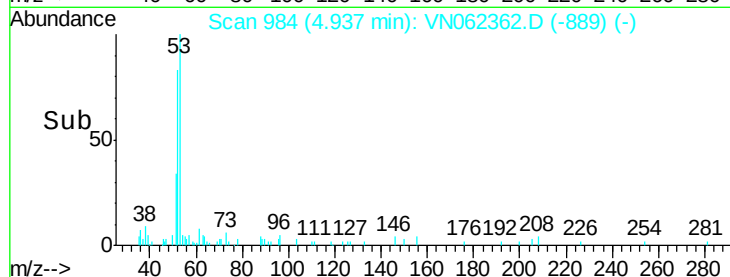
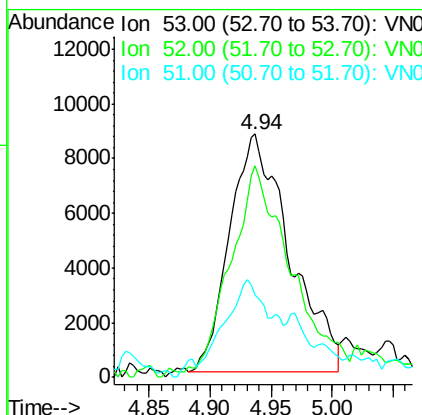
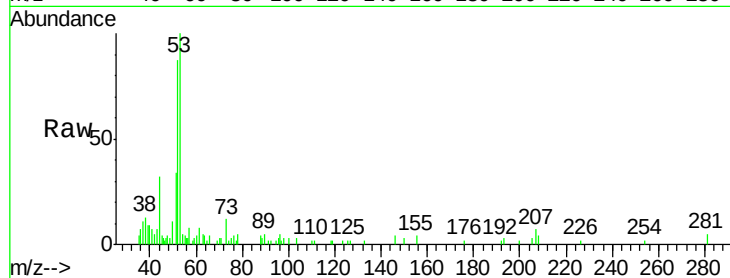
#15
 Acrylonitrile
 Concen: 5.227 ug/l
 RT: 4.94 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.6	101.4
51	22.4	30.6	45.8

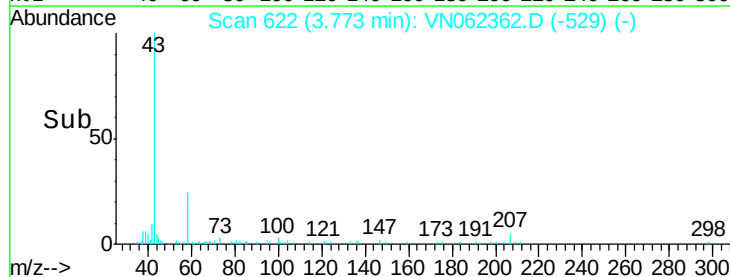
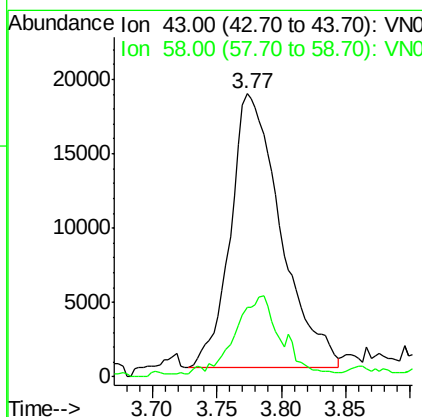
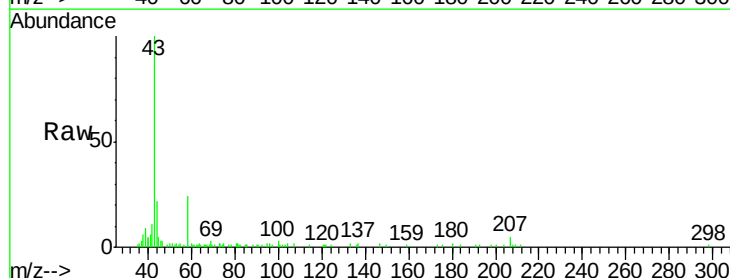
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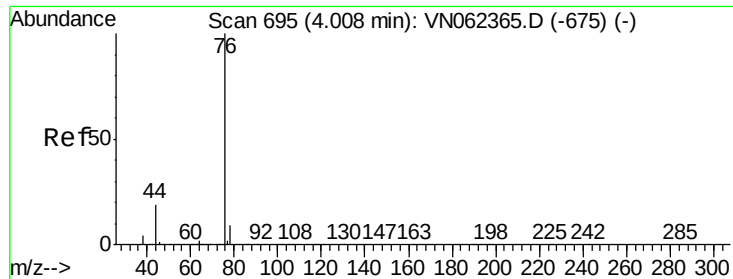
MMDadoda
 7/7/2020 10:08:16 AM



#16
 Acetone
 Concen: 9.088 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.0	19.8	29.8





#17

Carbon Disulfide

Concen: 1.126 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 40343

Ion Ratio Lower Upper

76 100

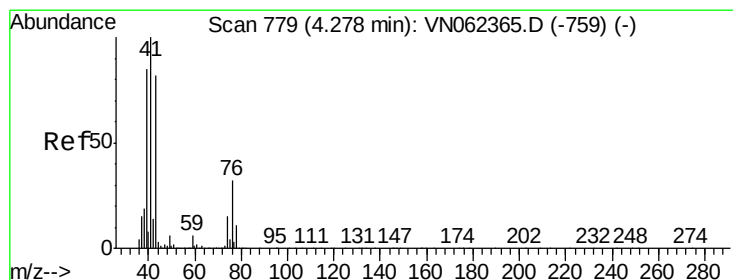
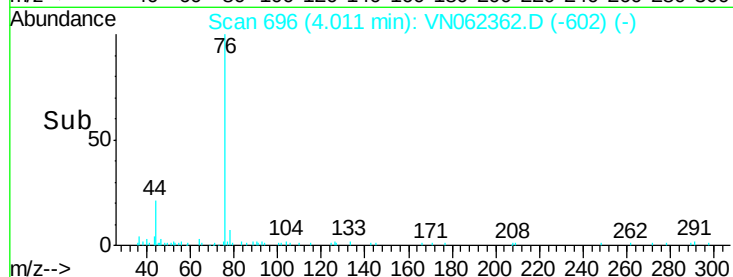
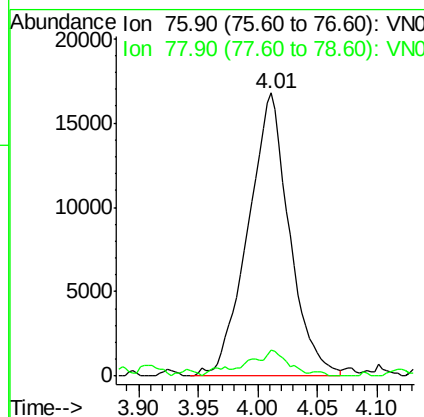
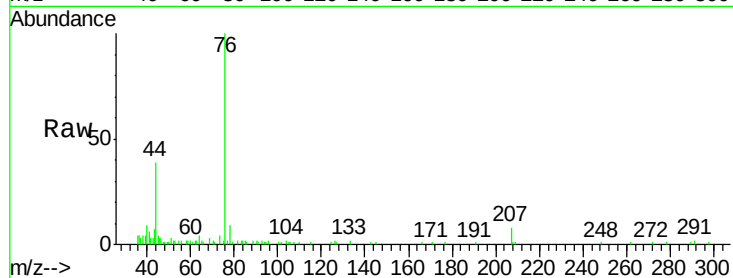
78 9.4 6.9 10.3

Manual Integrations

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#18

Methyl Acetate

Concen: 2.070 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062362.D

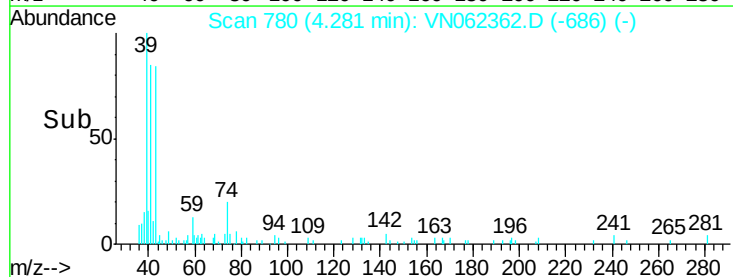
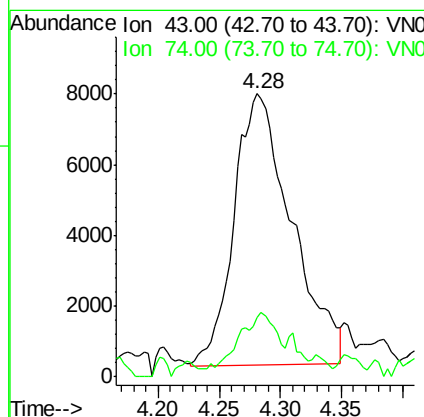
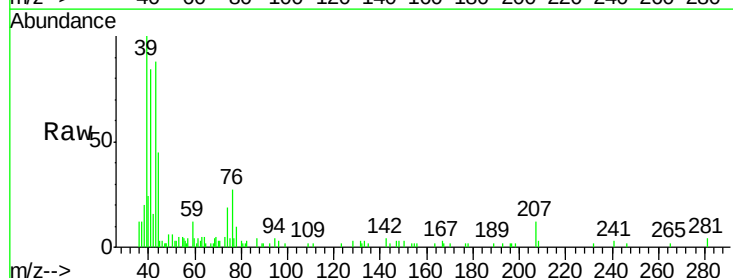
Acq: 6 Jul 2020 12:24

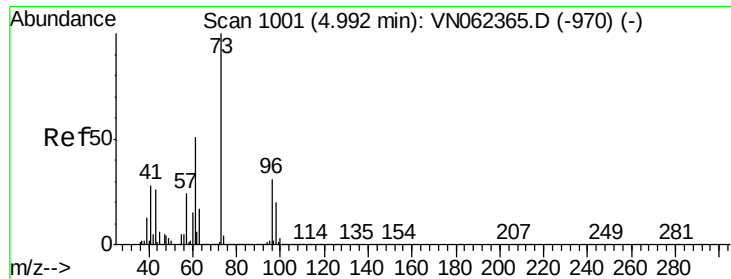
Tgt Ion: 43 Resp: 25167

Ion Ratio Lower Upper

43 100

74 13.0 14.2 21.4#





#19

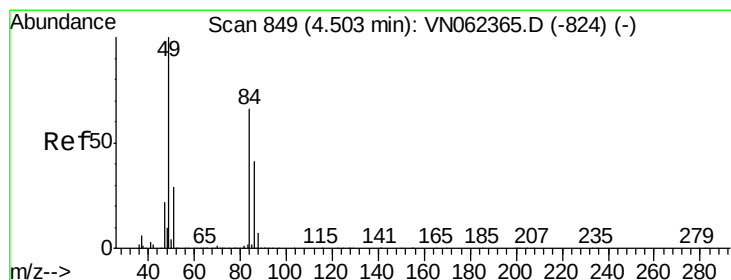
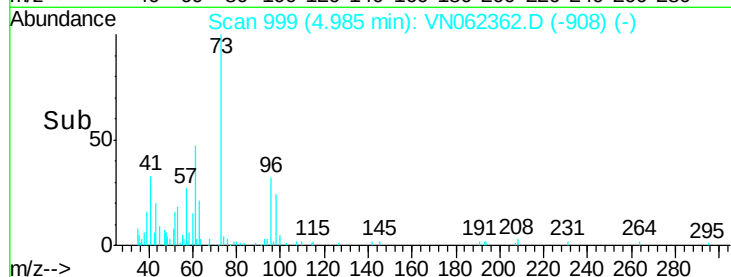
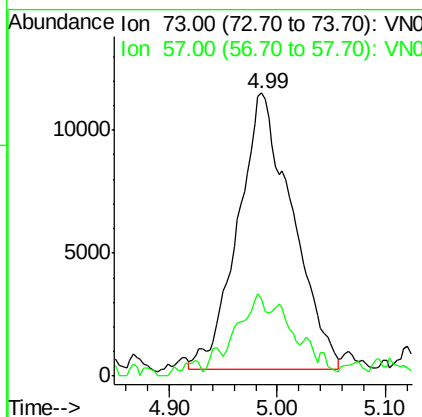
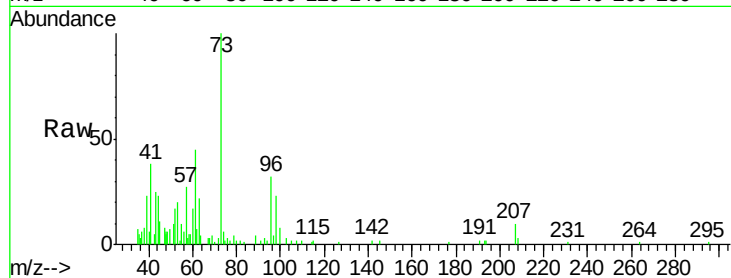
Methyl tert-butyl Ether
 Concen: 1.067 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	27.3	18.9	28.3

Manual Integrations
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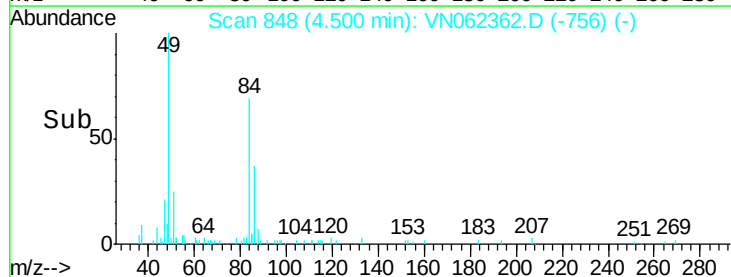
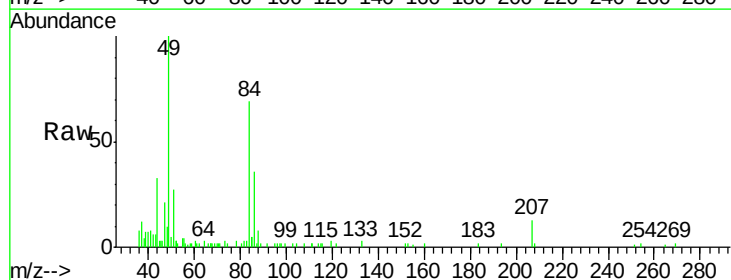
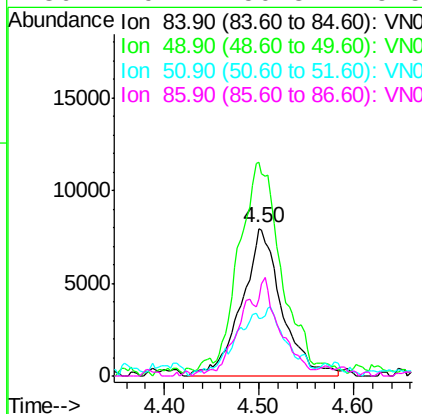
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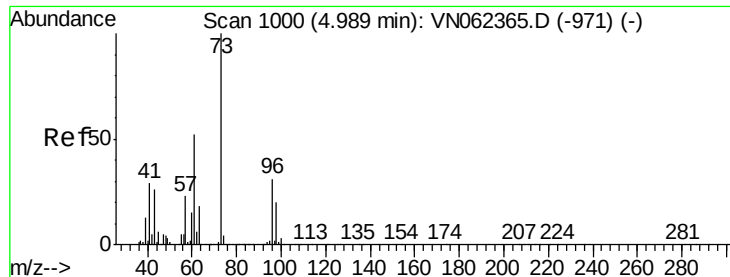


#20

Methylene Chloride
 Concen: 1.684 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.5	121.8	182.6
51	39.4	35.0	52.4
86	49.2	50.3	75.5#





#21

trans-1,2-Dichloroethene

Concen: 1.041 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

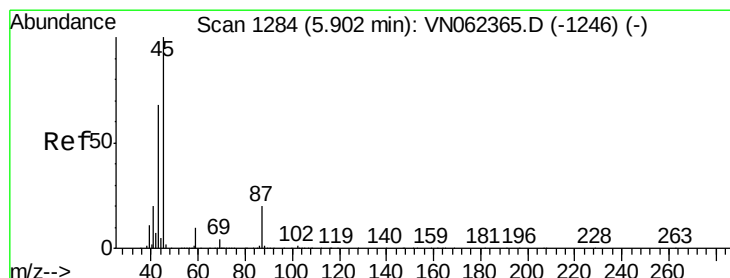
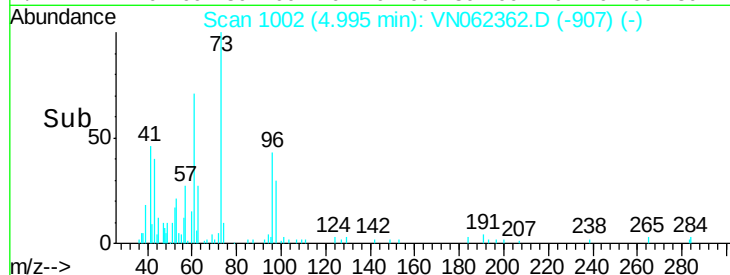
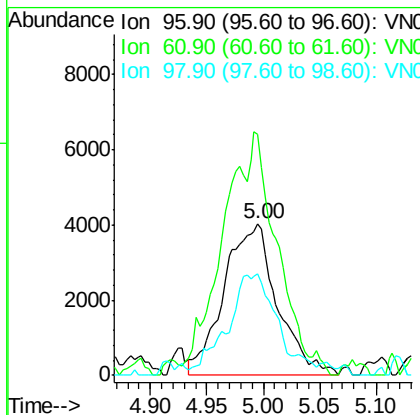
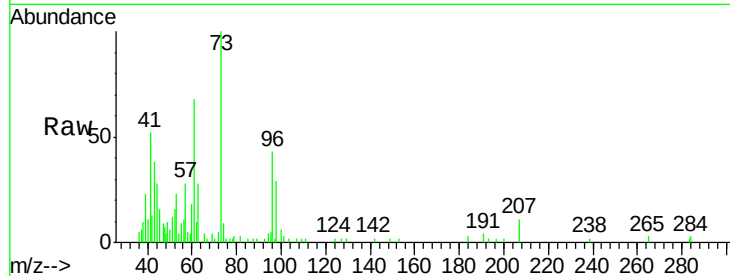
ClientSampled :

VSTDIC001

Tot Ion:	96	Resp:	13237
Ion	Ratio	Lower	Upper
96	100		
61	158.3	134.7	202.1
98	63.3	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.295 ug/l

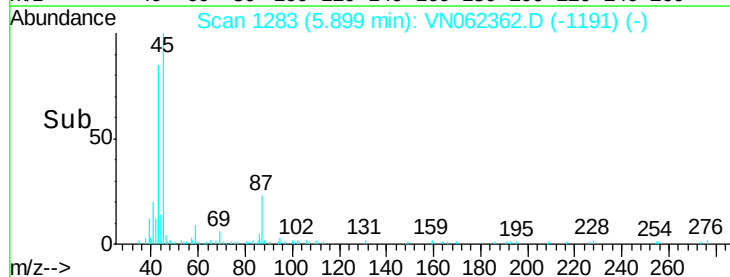
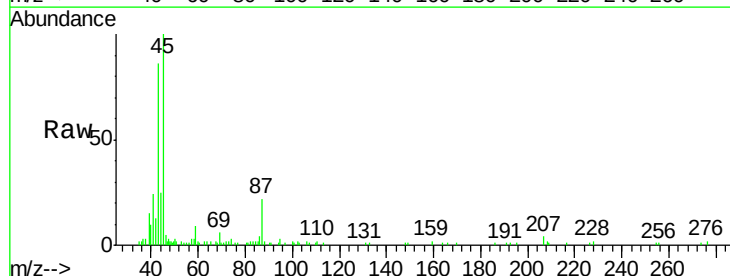
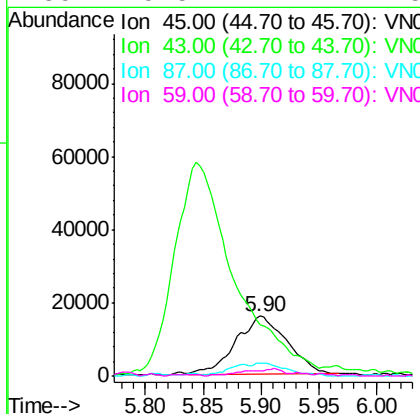
RT: 5.90 min Scan# 1283

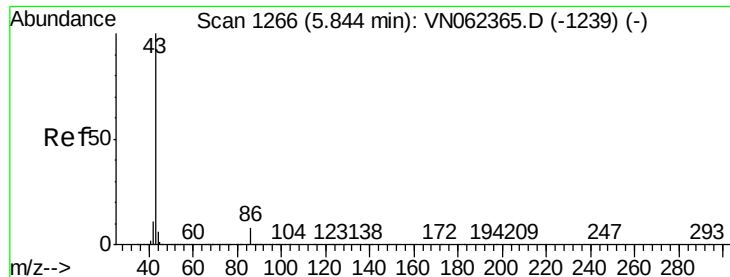
Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	45	Resp:	49238
Ion	Ratio	Lower	Upper
45	100		
43	72.4	54.6	81.8
87	22.9	16.6	24.8
59	9.5	7.7	11.5





#23

Vinyl Acetate

Concen: 6.842 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 211740

Ion Ratio Lower Upper

43 100

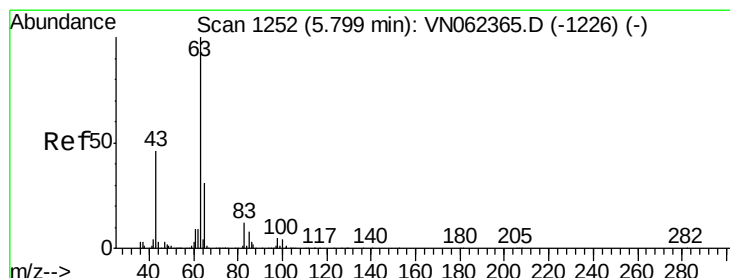
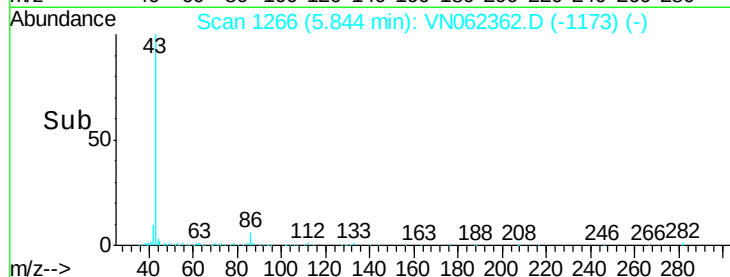
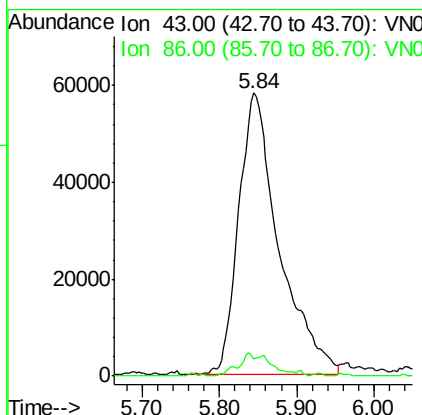
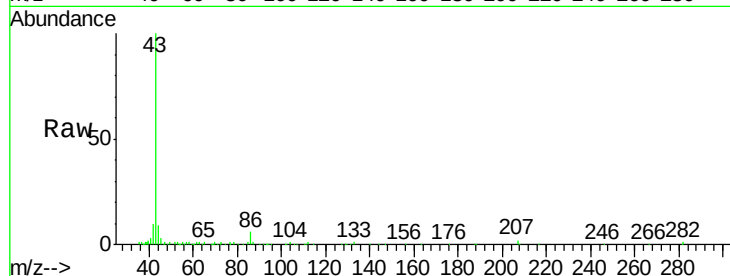
86 5.7 6.6 9.8#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 1.114 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

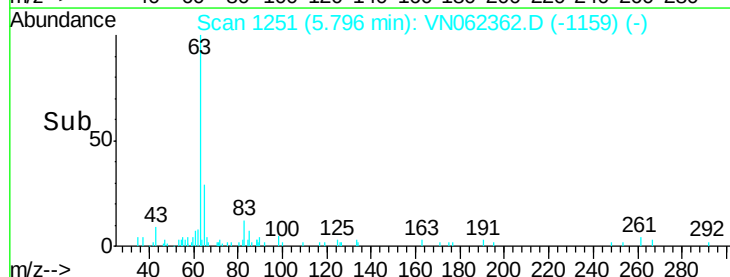
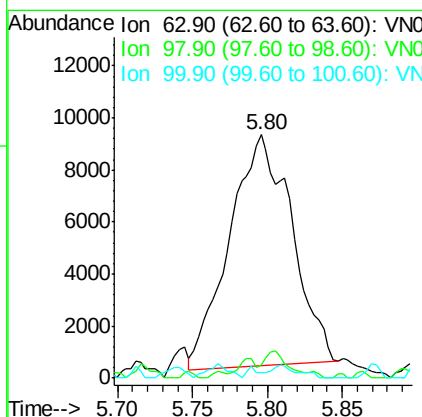
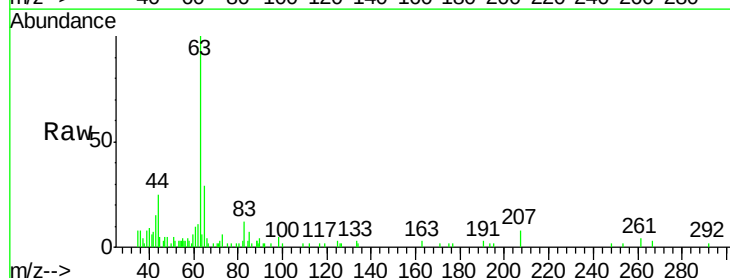
Tgt Ion: 63 Resp: 25831

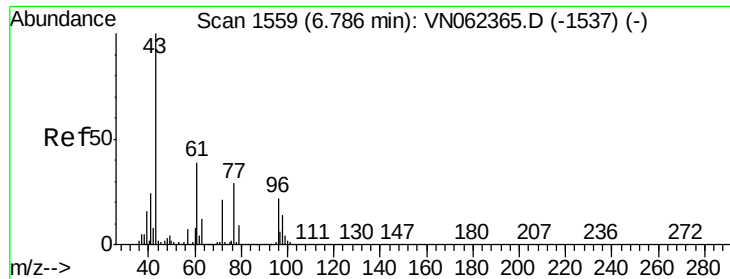
Ion Ratio Lower Upper

63 100

98 3.9 2.6 7.8

100 2.2 1.8 5.3





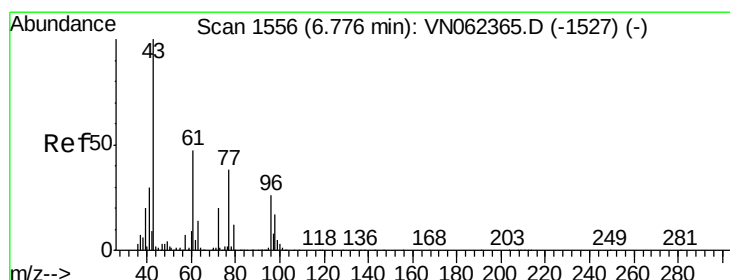
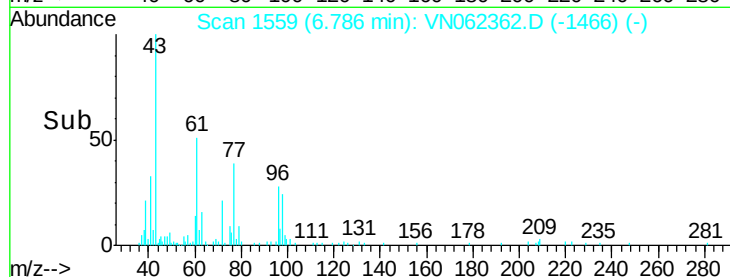
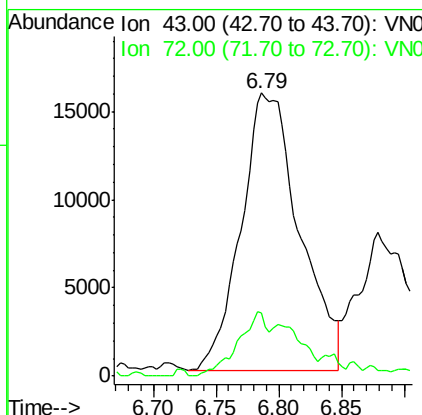
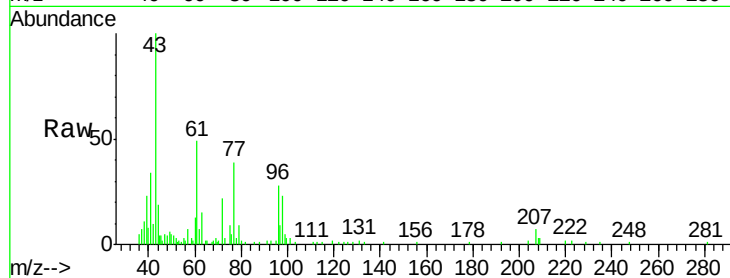
#25
2-Butanone
Concen: 6.831 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	43	Resp	50918
Ion Ratio	100	Lower	Upper
72	22.7	16.4	24.6

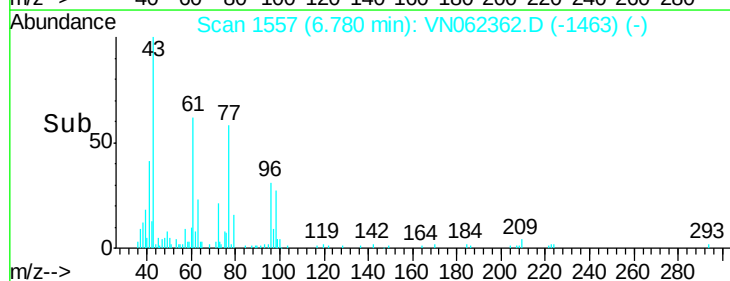
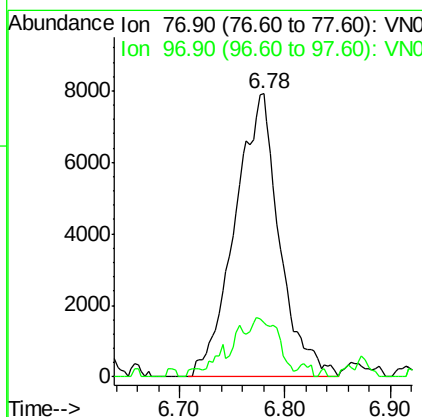
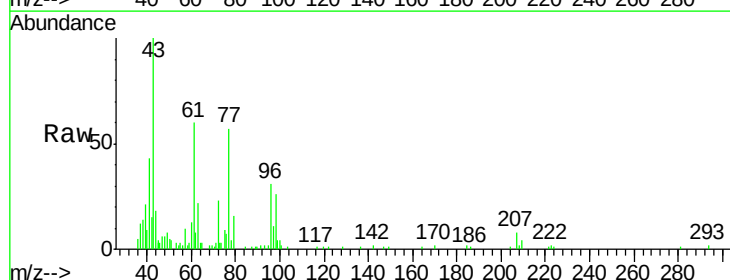
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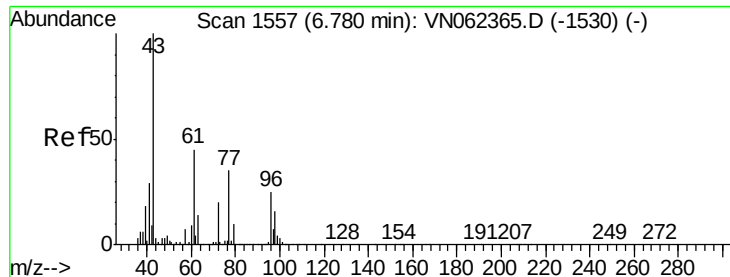
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#26
2,2-Dichloropropane
Concen: 1.224 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	77	Resp	23450
Ion Ratio	100	Lower	Upper
97	12.9	10.1	30.1





#27

cis-1,2-Dichloroethene

Concen: 0.997 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062362.D

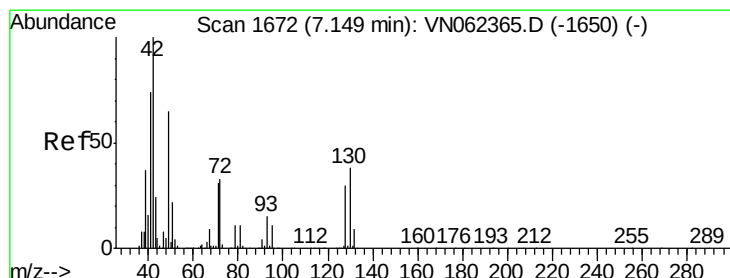
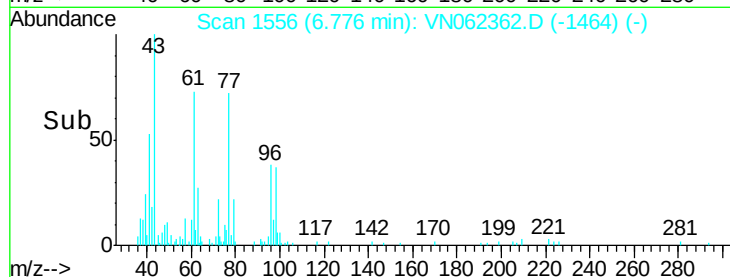
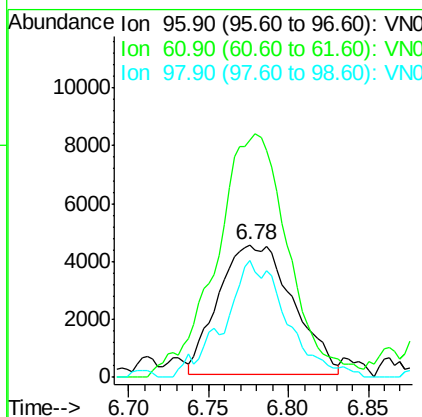
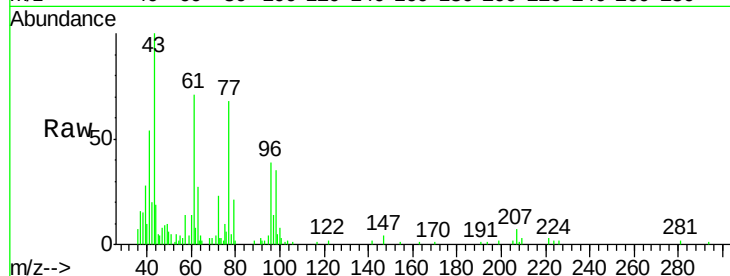
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	181.2	0.0	358.8
98	75.7	0.0	130.6

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#28

Bromochloromethane

Concen: 1.297 ug/l

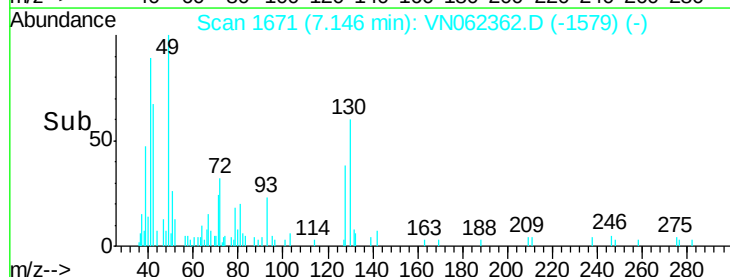
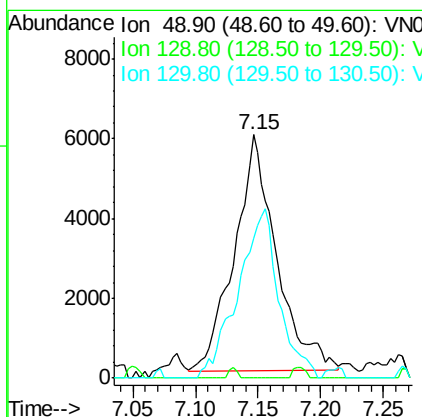
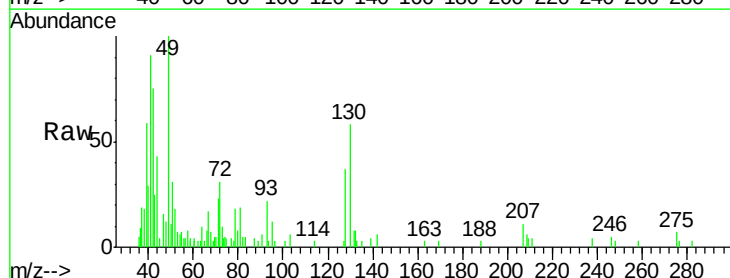
RT: 7.15 min Scan# 1671

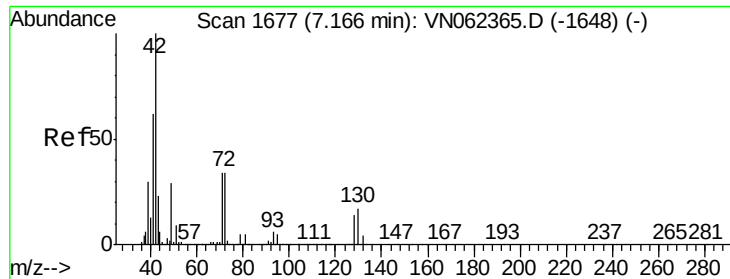
Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	69.1	45.8	68.8#





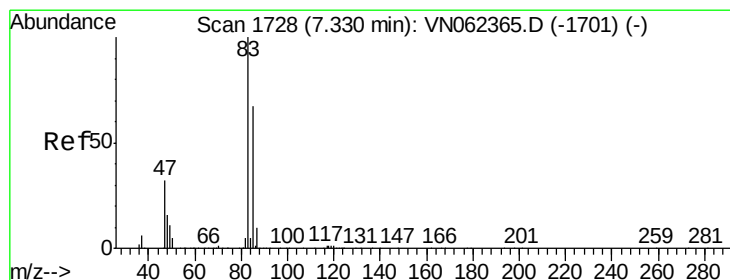
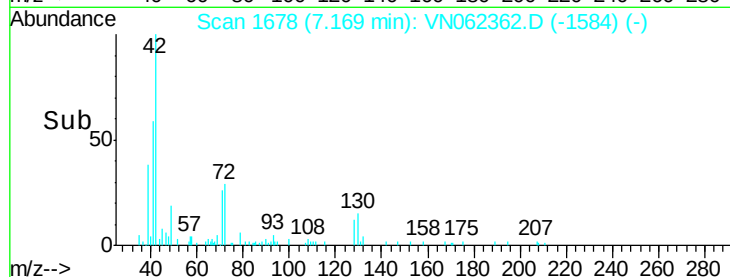
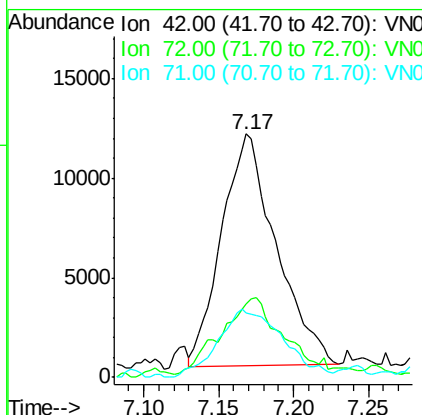
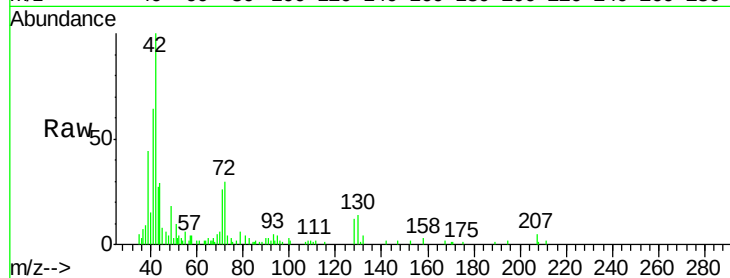
#29
Tetrahydrofuran
Concen: 6.072 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	26.8	40.2
71	34.8	26.0	39.0

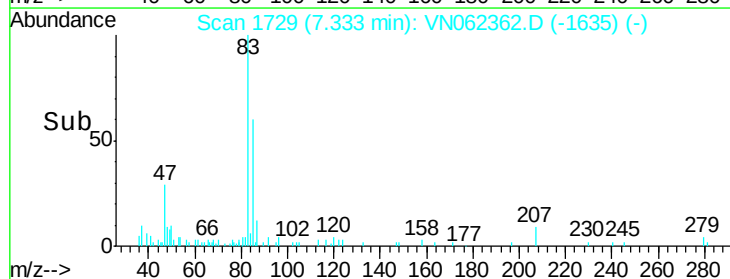
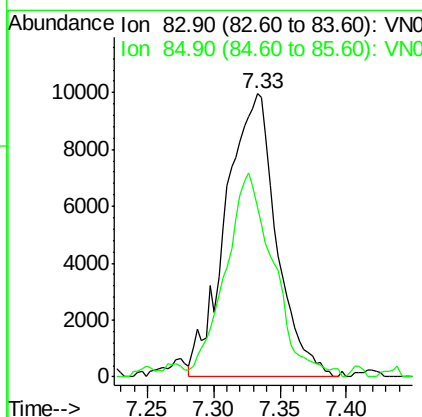
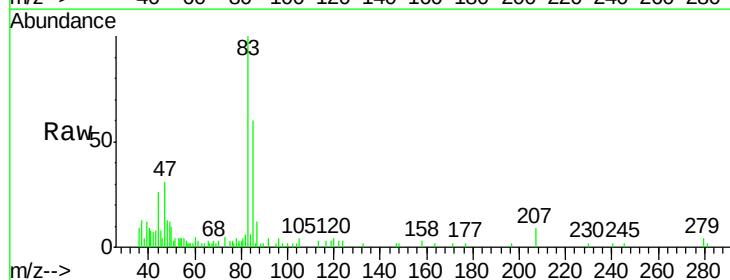
Manual Integrations
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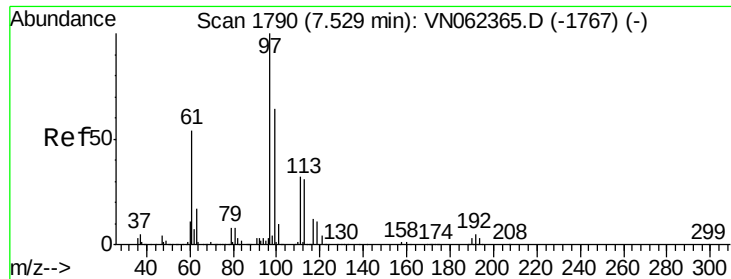
MMDadoda
7/7/2020 10:08:16 AM



#30
Chloroform
Concen: 1.136 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.4	53.6	80.4





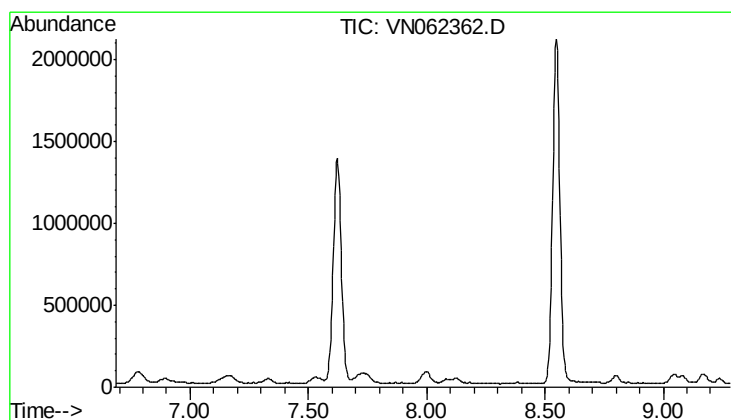
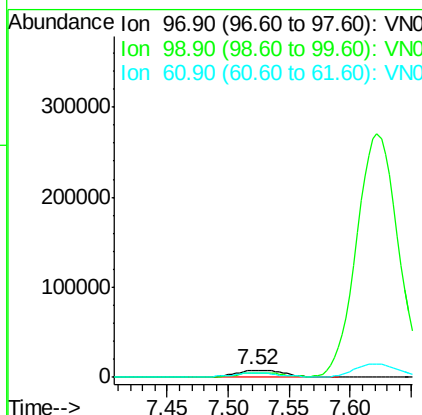
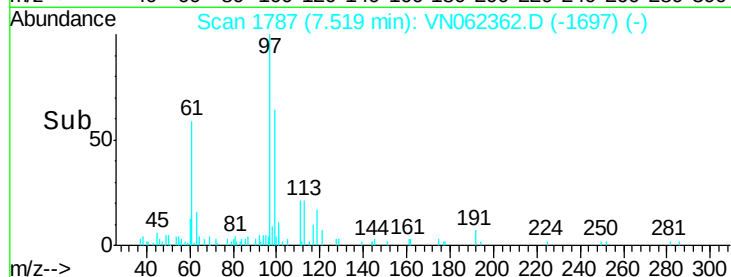
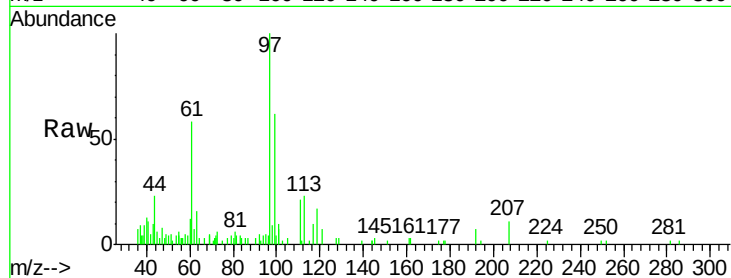
#32
 1,1,1-Trichloroethane
 Concen: 1.144 ug/l
 RT: 7.52 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.1	76.7#	
61	56.6	42.5	63.7	

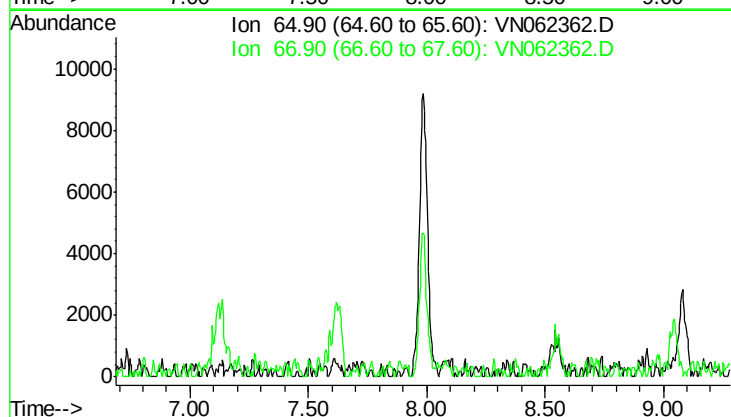
Manual Integrations
 APPROVED

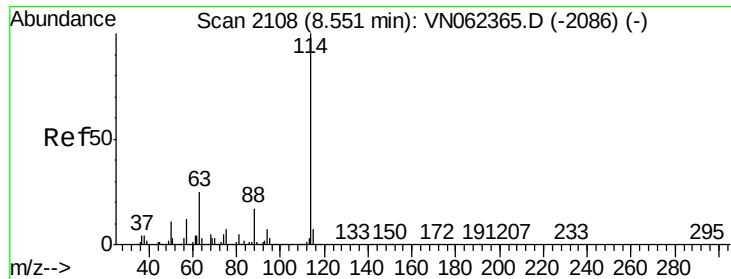
MMDadoda
 7/7/2020 10:08:16 AM



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.99 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	Sig	Exp Ratio
65	100	
67	50.5	





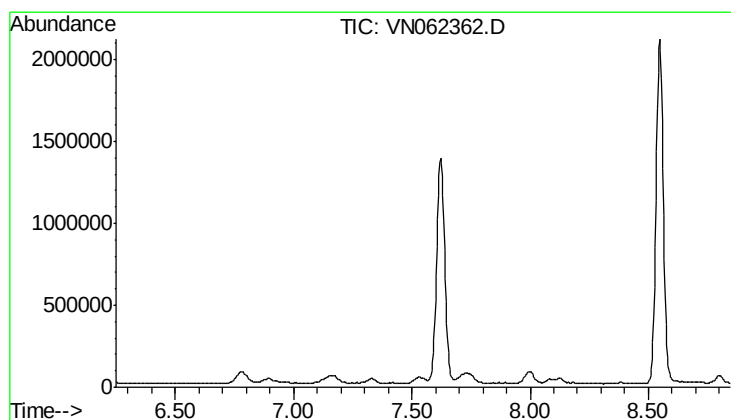
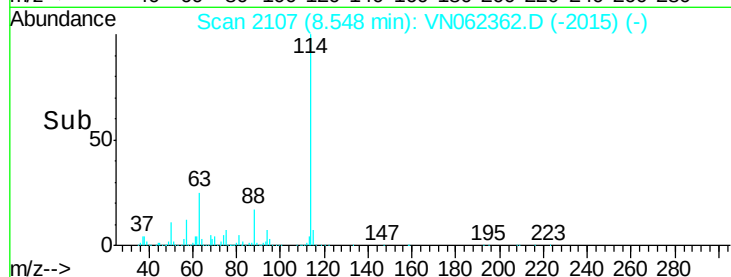
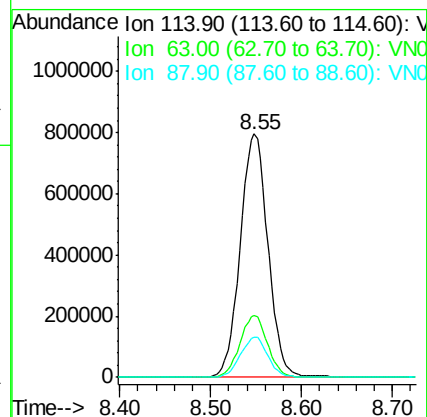
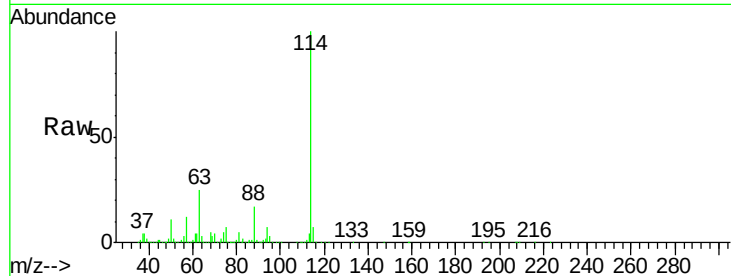
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
114	100			
63	25.4	0.0	49.0	
88	16.7	0.0	34.0	

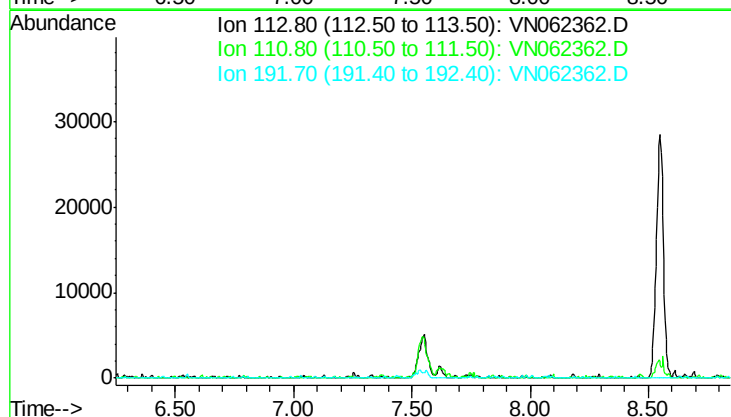
Manual Integrations
APPROVED

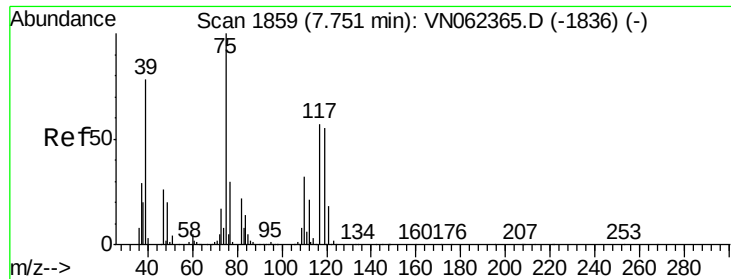
MMDadoda
7/7/2020 10:08:16 AM



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.55 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	Sig	Exp Ratio
113	100	
111	104.0	
192	17.7	





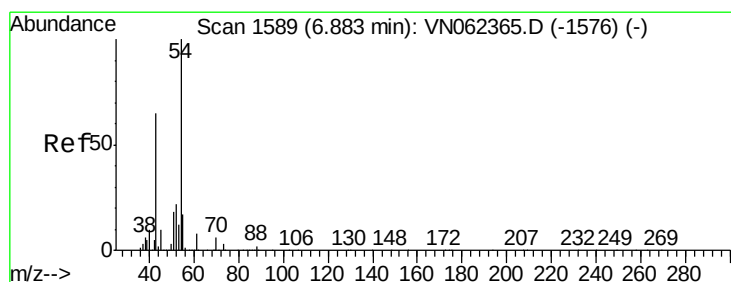
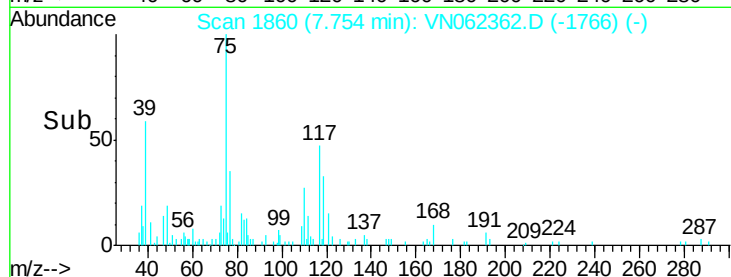
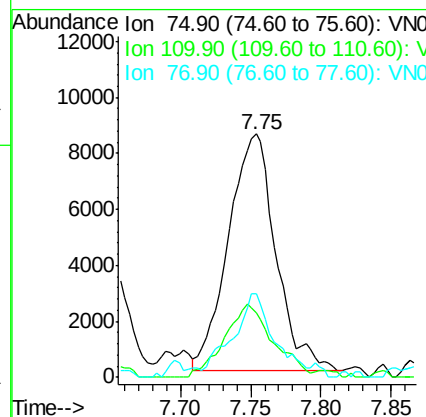
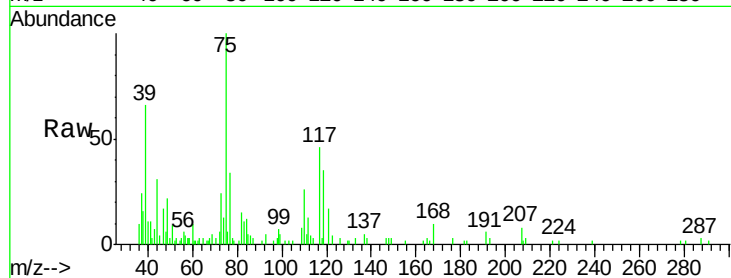
#36
 1,1-Dichloropropene
 Concen: 1.162 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.4	15.7	47.1
77	30.8	24.3	36.5

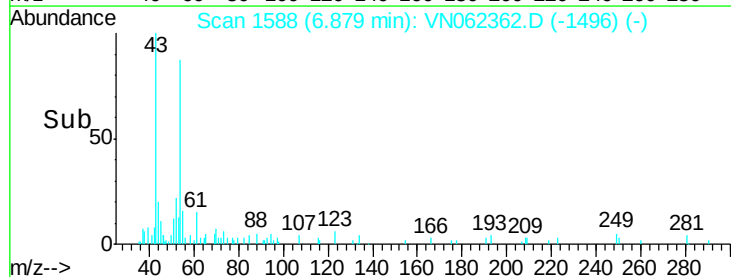
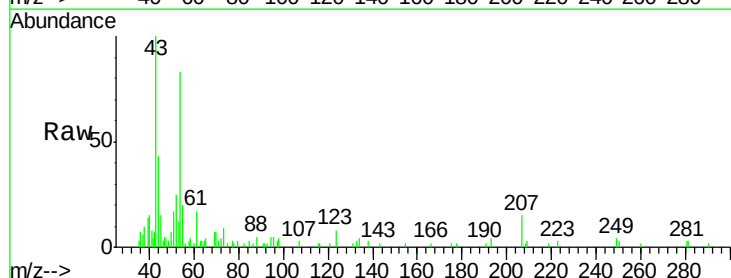
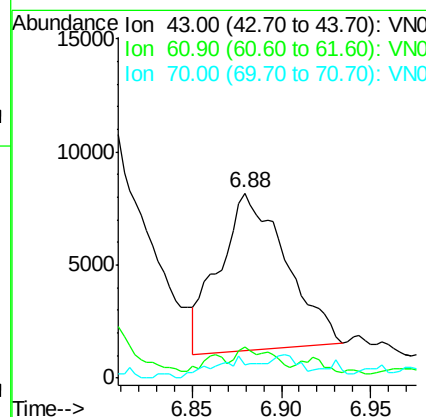
Manual Integrations
 APPROVED

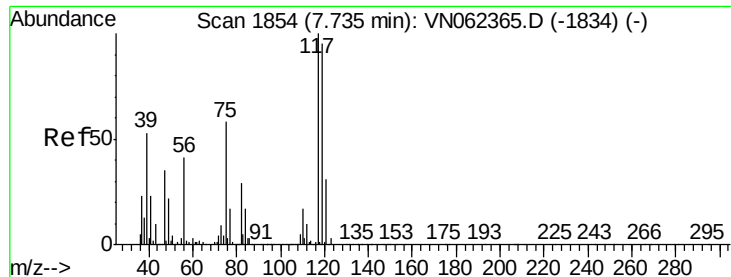
MMDadoda
 7/7/2020 10:08:16 AM



#37
 Ethyl Acetate
 Concen: 1.173 ug/l
 RT: 6.88 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	9.1	8.8	13.2
70	6.8	6.2	9.4





#38

Carbon Tetrachloride

Concen: 1.211 ug/l

RT: 7.73 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

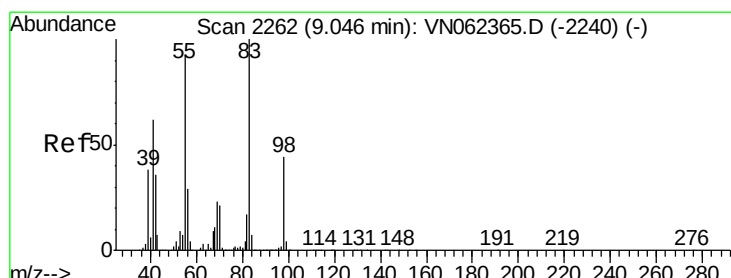
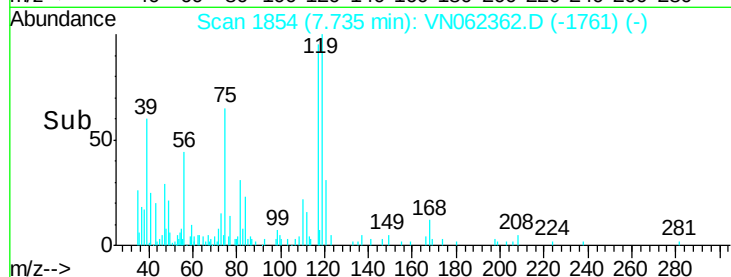
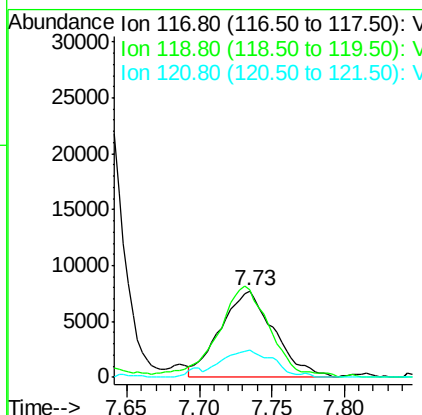
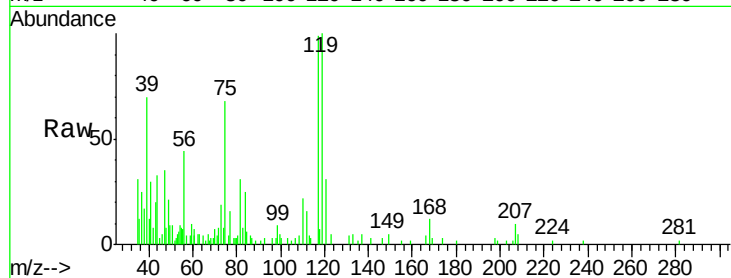
ClientSampled :

VSTDIC001

Tot Ion:	117	Resp:	19821
Ion	Ratio	Lower	Upper
117	100		
119	101.2	75.9	113.9
121	30.9	24.6	36.8

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.114 ug/l

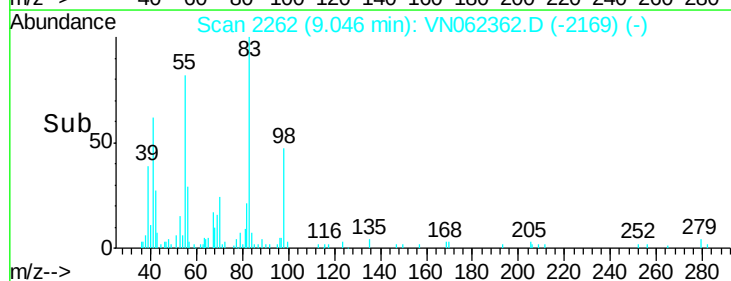
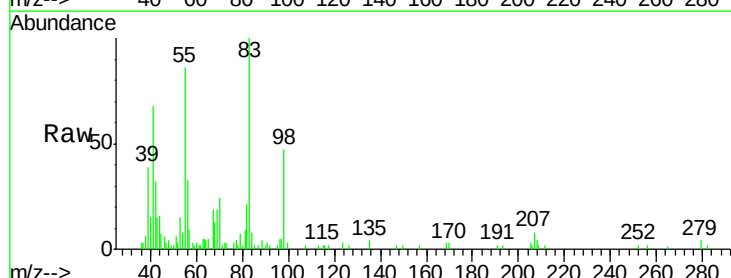
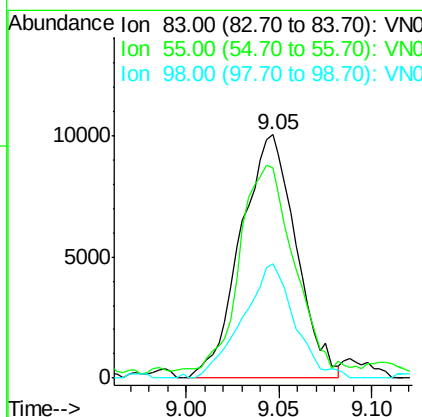
RT: 9.05 min Scan# 2262

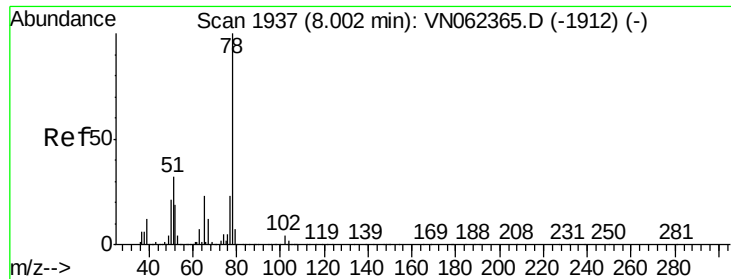
Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	83	Resp:	20836
Ion	Ratio	Lower	Upper
83	100		
55	79.7	74.1	111.1
98	46.7	35.6	53.4





#40

Benzene

Concen: 1.084 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 56188

Ion Ratio Lower Upper

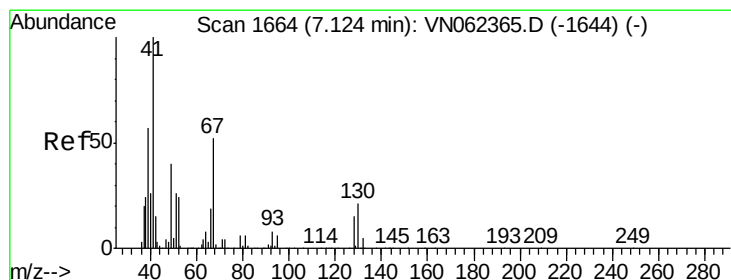
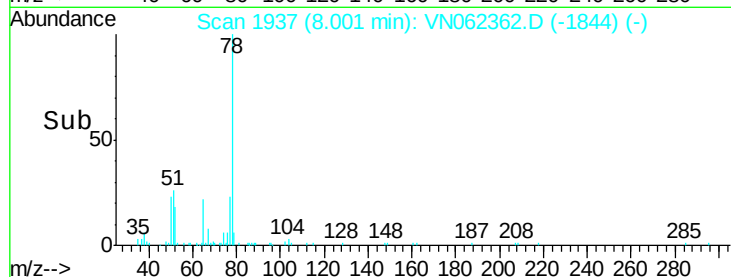
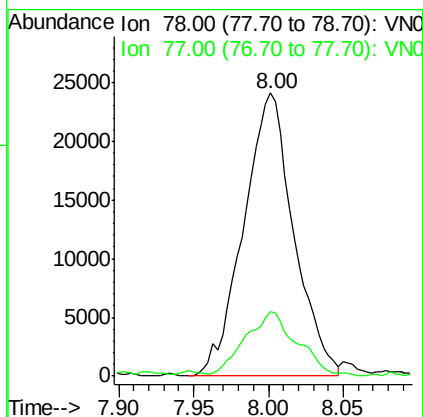
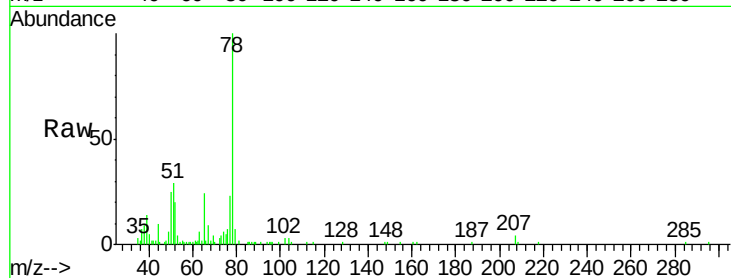
78 100

77 21.6 18.6 28.0

Manual Integrations
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#41

Methacrylonitrile

Concen: 1.889 ug/l m

RT: 7.14 min Scan# 1670

Delta R.T. 0.02 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion: 41 Resp: 13244

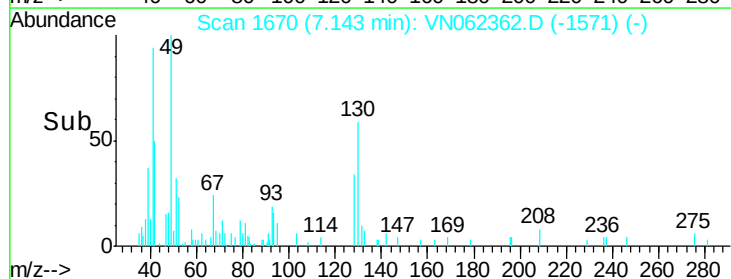
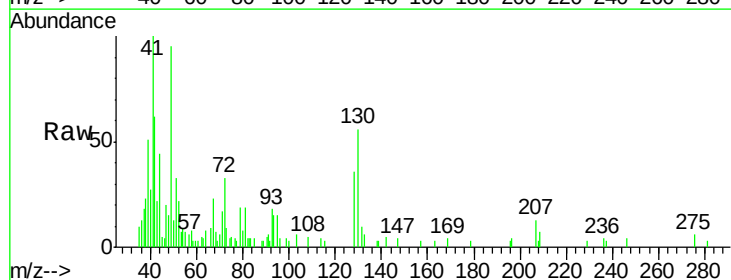
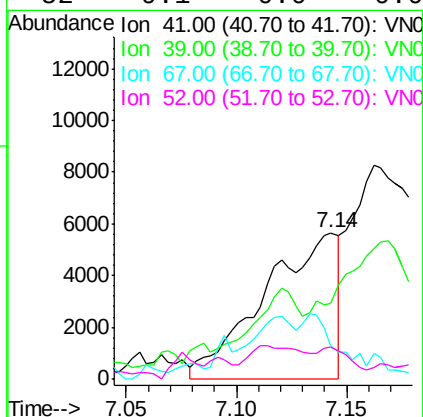
Ion Ratio Lower Upper

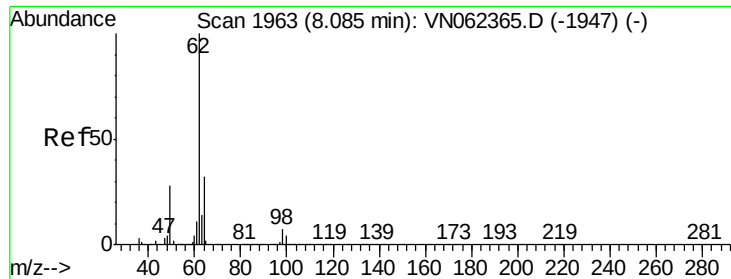
41 100

39 26.0 0.0 0.0#

67 9.5 0.0 0.0#

52 9.1 0.0 0.0#





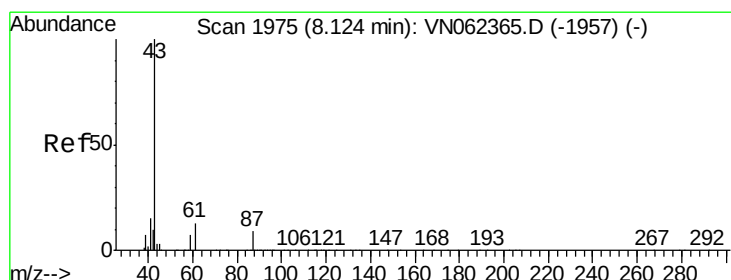
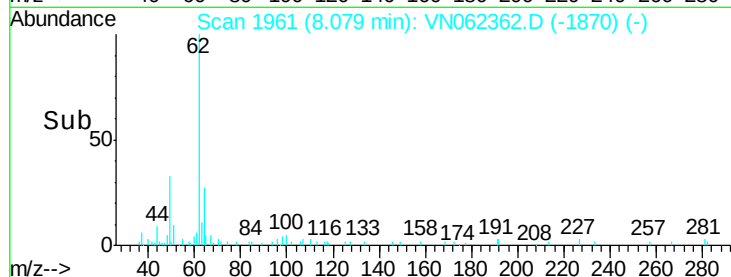
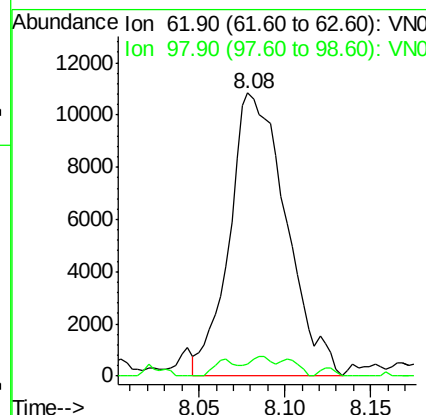
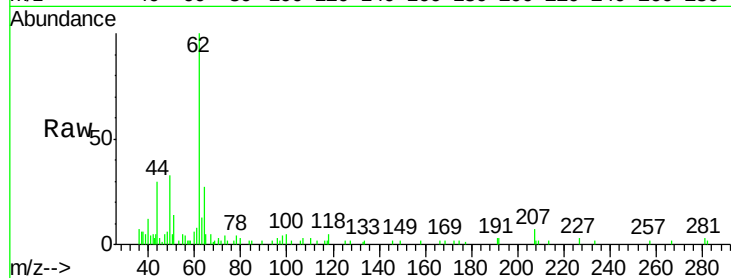
#42
 1,2-Dichloroethane
 Concen: 1.359 ug/l
 RT: 8.08 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.9	0.0	13.4

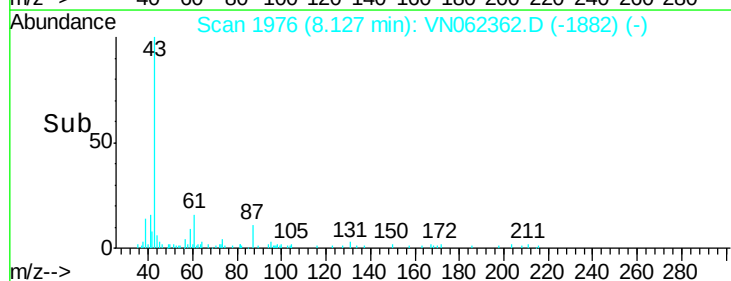
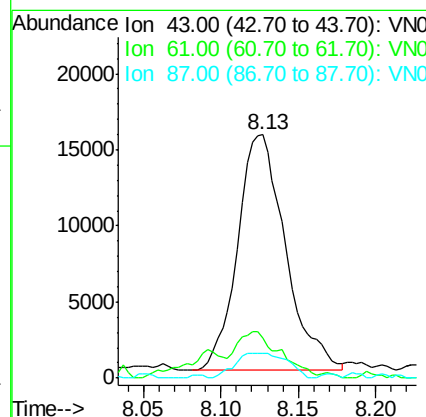
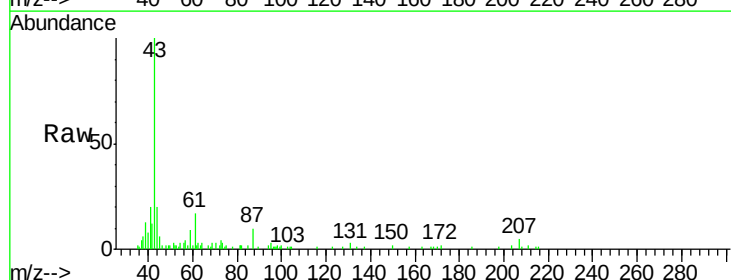
Manual Integrations
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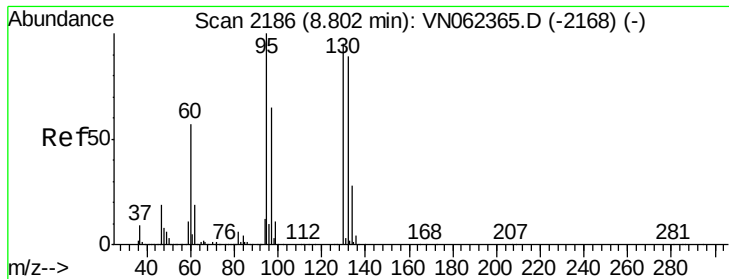
MMDadoda
 7/7/2020 10:08:16 AM



#43
 Isopropyl Acetate
 Concen: 1.320 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.1	19.7
87	11.4	7.5	11.3#





#44

Trichloroethene

Concen: 1.086 ug/l

RT: 8.79 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 14056

Ion Ratio Lower Upper

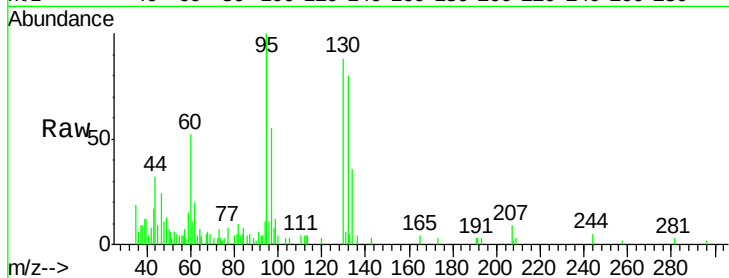
130 100

95 111.0 0.0 209.8

Manual Integrations
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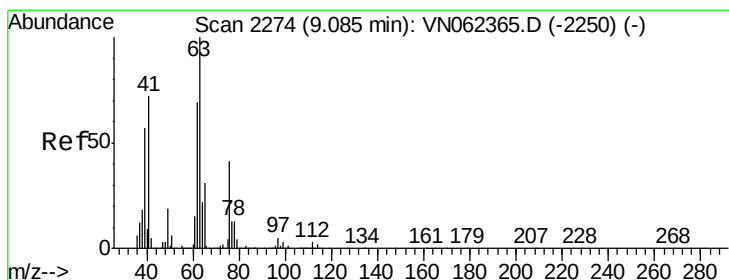
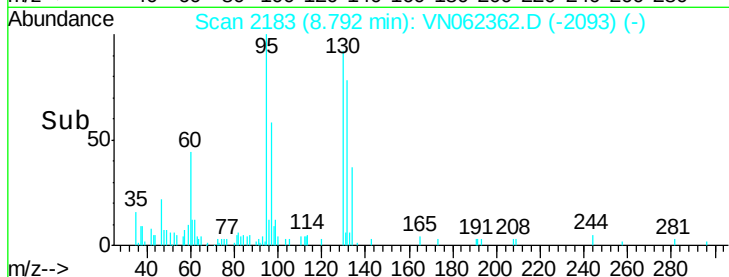
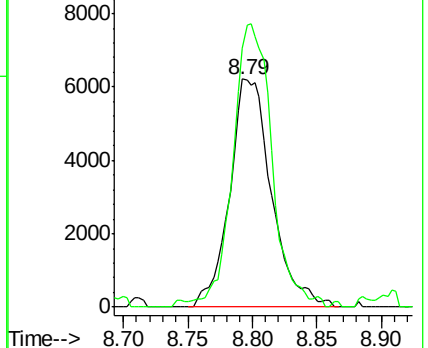
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 1.228 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062362.D

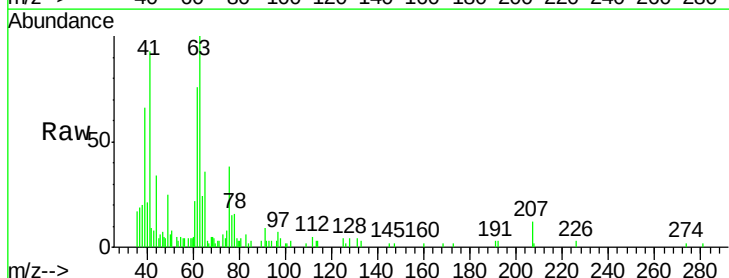
Acq: 6 Jul 2020 12:24

Tgt Ion: 63 Resp: 16143

Ion Ratio Lower Upper

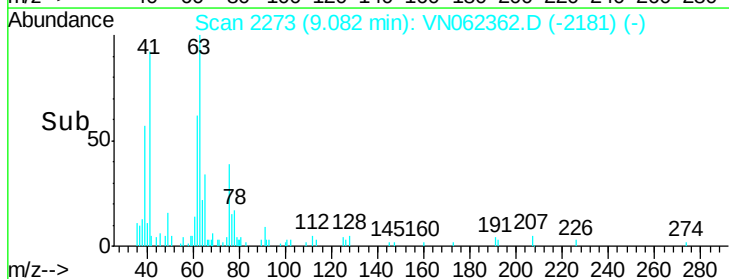
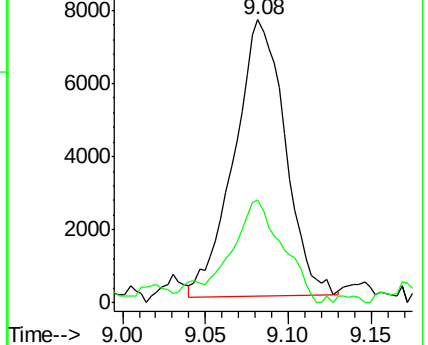
63 100

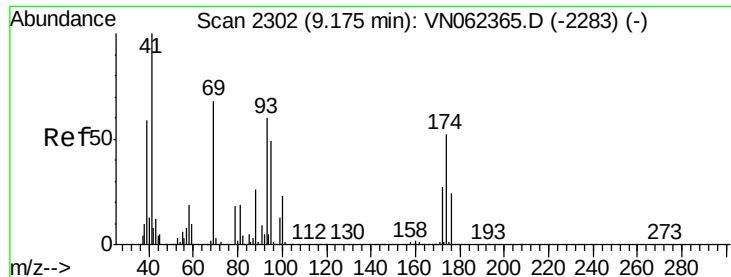
65 35.4 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





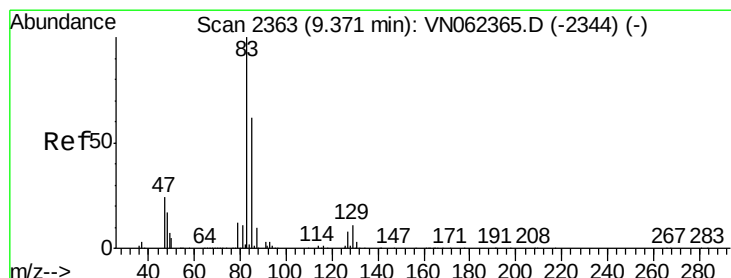
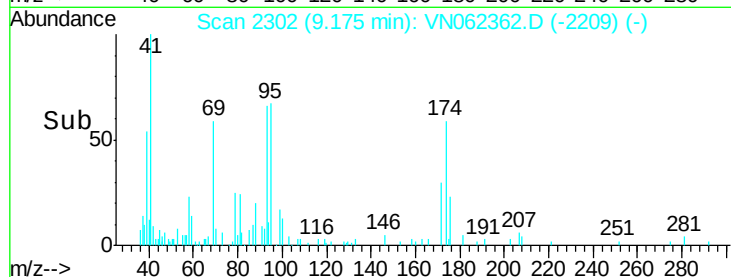
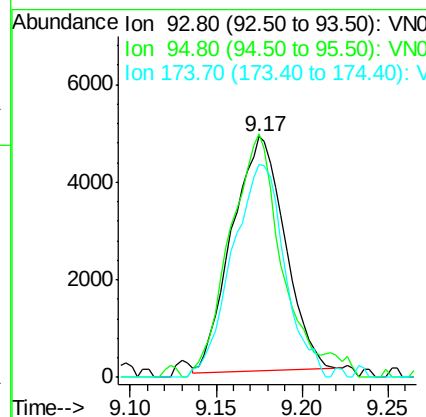
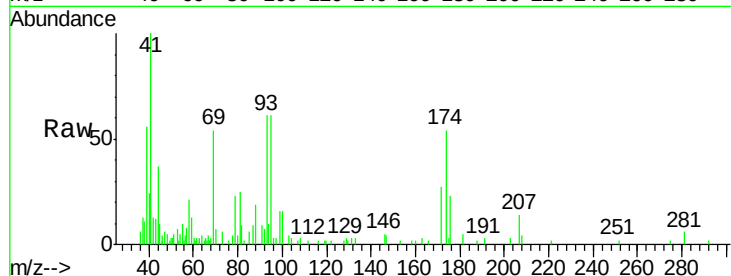
#46
Dibromomethane
Concen: 1.175 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	99.5	64.8	97.2#
174	89.6	67.6	101.4

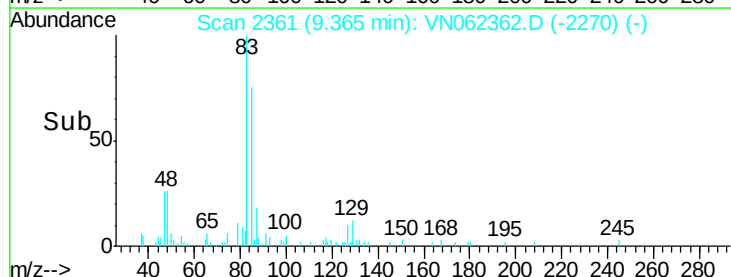
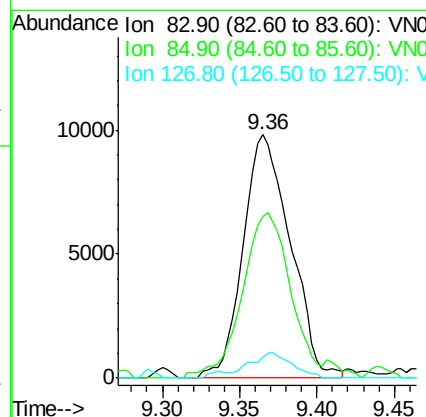
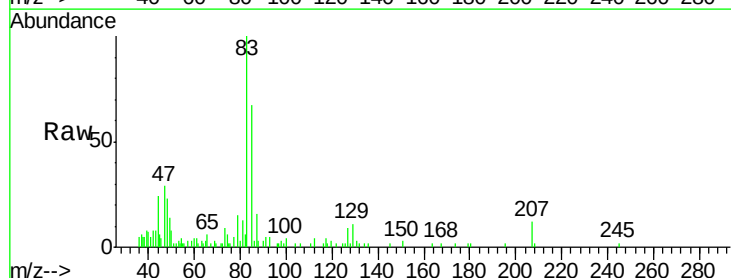
Manual Integrations
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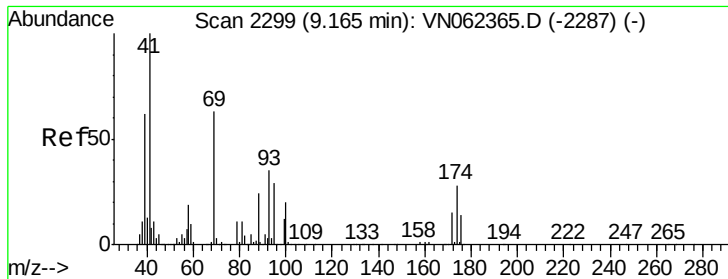
MMDadoda
7/7/2020 10:08:16 AM



#47
Bromodichloromethane
Concen: 1.170 ug/l
RT: 9.36 min Scan# 2361
Delta R.T. -0.01 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.8	74.6
127	8.6	6.2	9.2





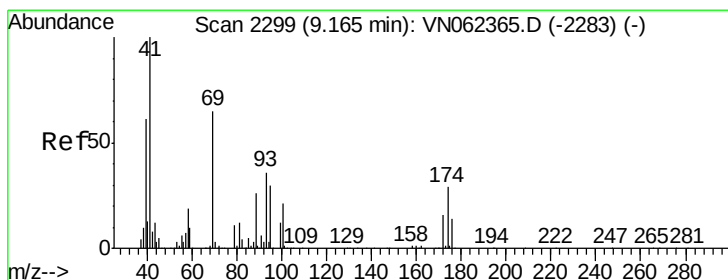
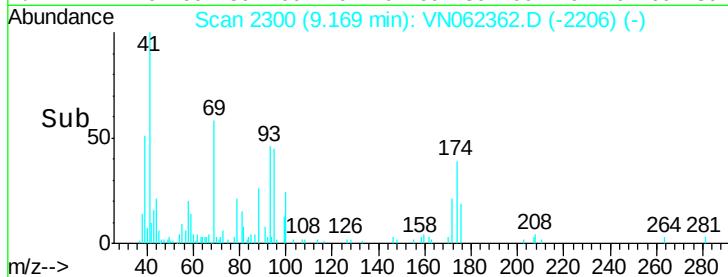
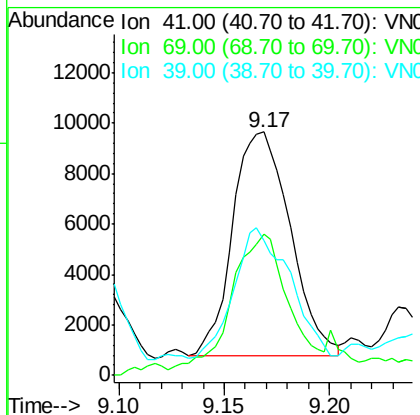
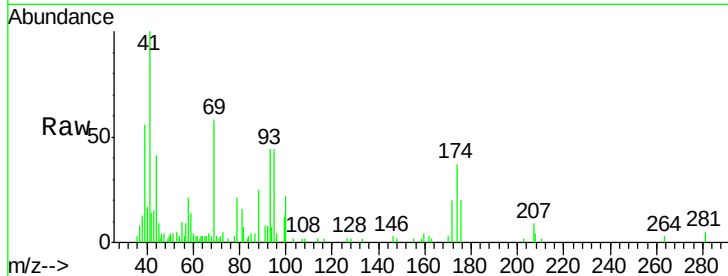
#48
Methvl methacrylate
Concen: 1.452 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	58.8	51.5	77.3
39	57.5	51.2	76.8

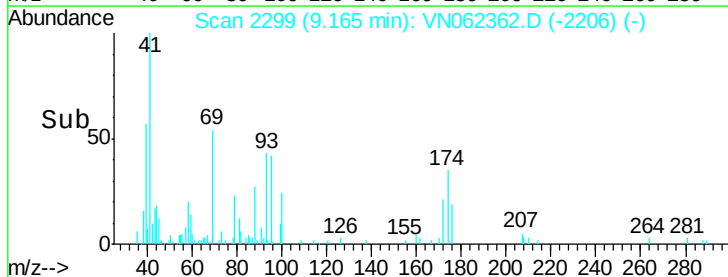
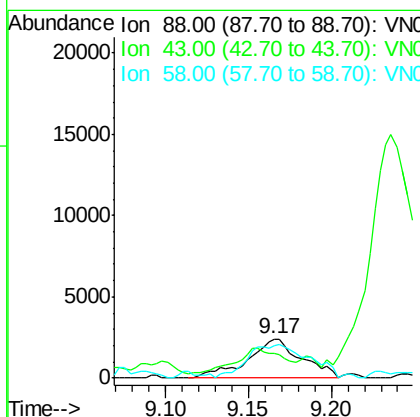
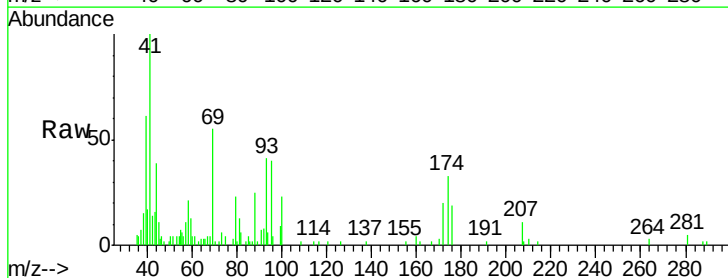
Manual Integrations
APPROVED

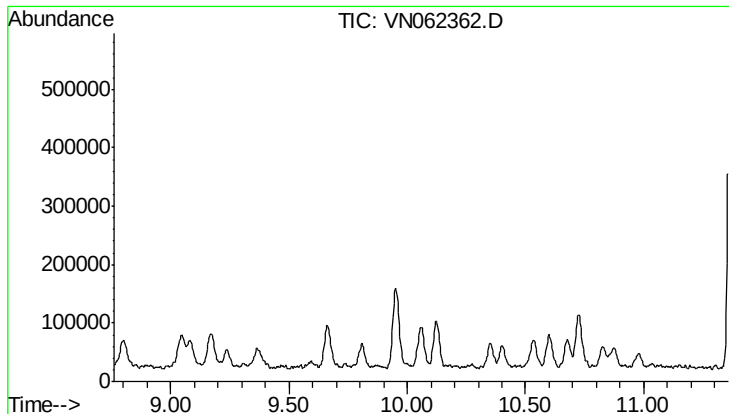
MMDadoda
7/7/2020 10:08:16 AM



#49
1,4-Dioxane
Concen: 23.917 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
88	100		
43	57.1	34.0	51.0#
58	97.0	63.0	94.4#





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

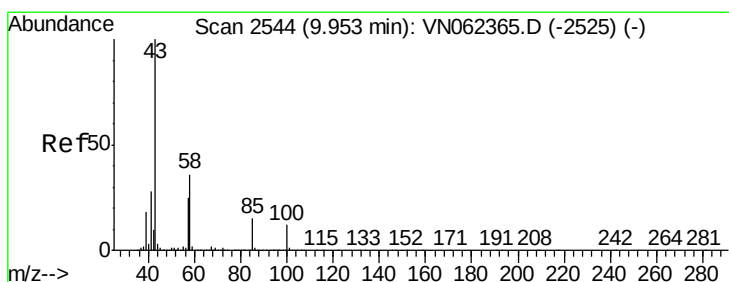
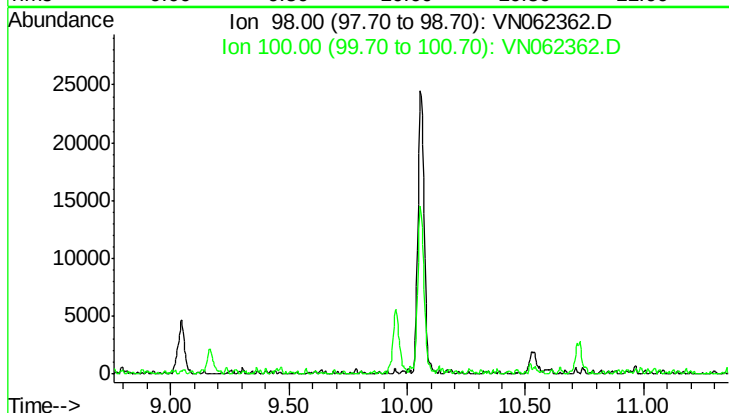
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

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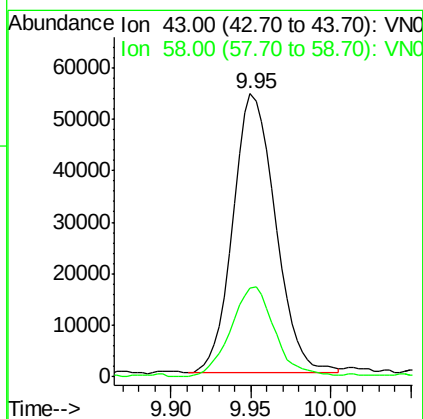
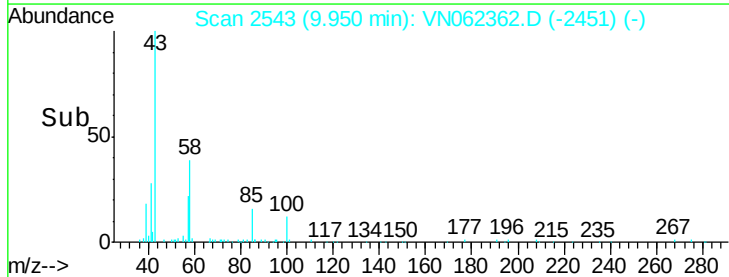
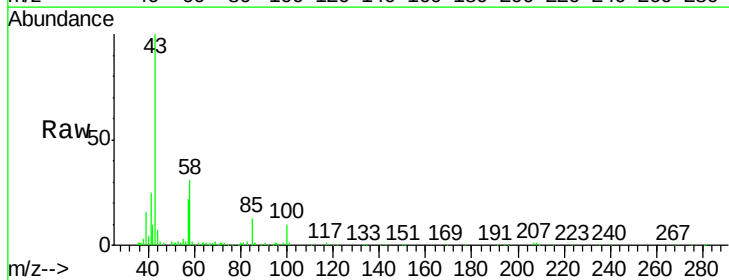
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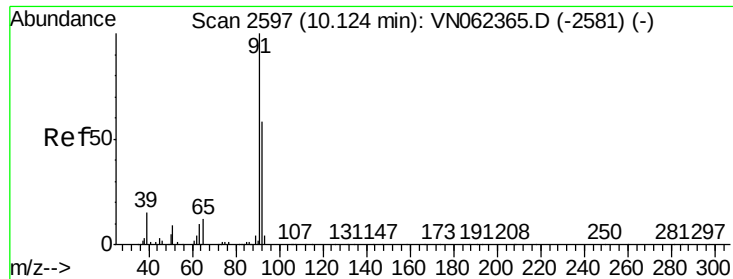
Tot Ion: 98
Sig Exp Ratio
98 100
100 62.7



#51
4-Methyl-2-Pentanone
Concen: 6.736 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion: 43 Resp: 98490
Ion Ratio Lower Upper
43 100
58 33.4 27.6 41.4





#52

Toluene

Concen: 0.957 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 30021

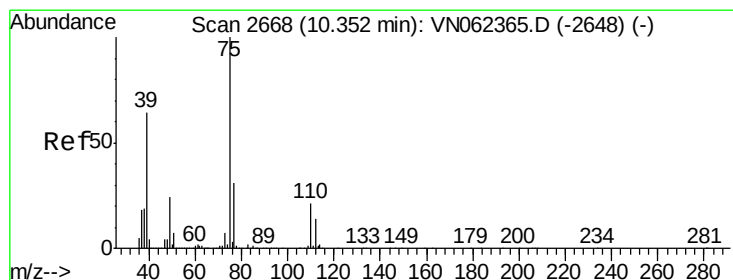
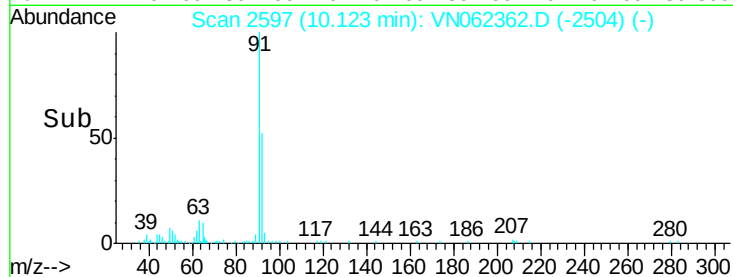
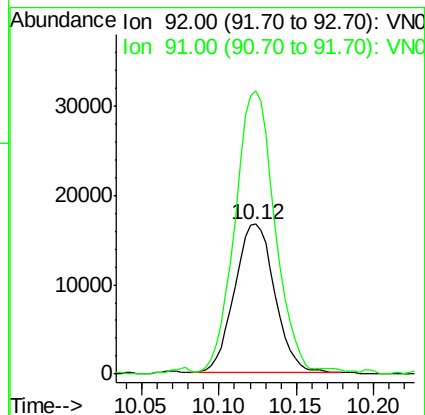
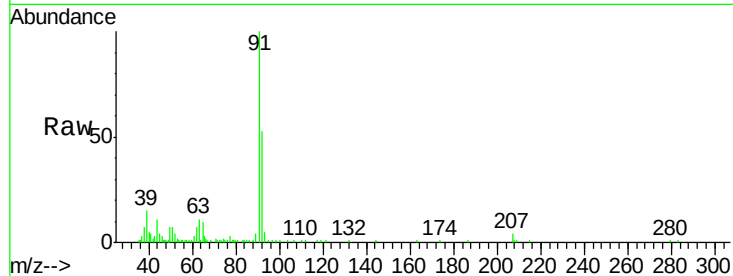
Ion Ratio Lower Upper

92 100

91 187.4 139.4 209.2

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#53

t-1,3-Dichloropropene

Concen: 0.993 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062362.D

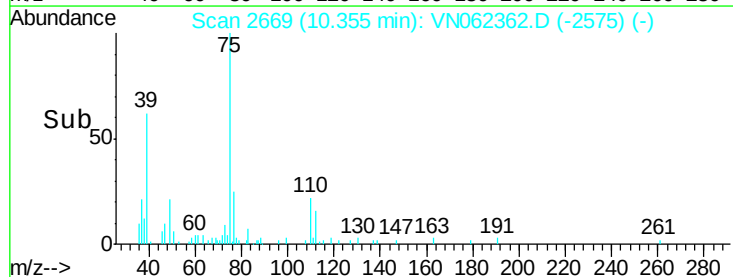
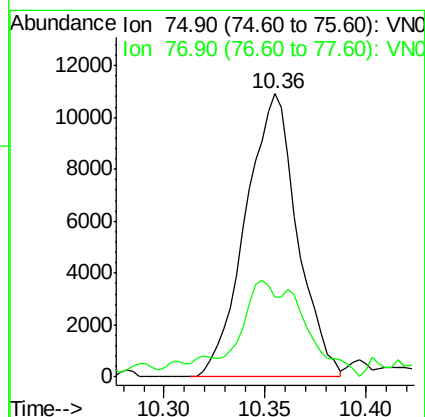
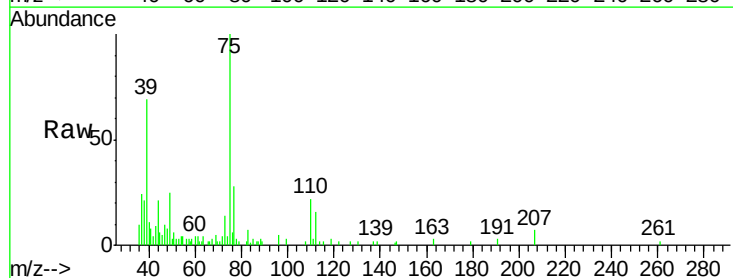
Acq: 6 Jul 2020 12:24

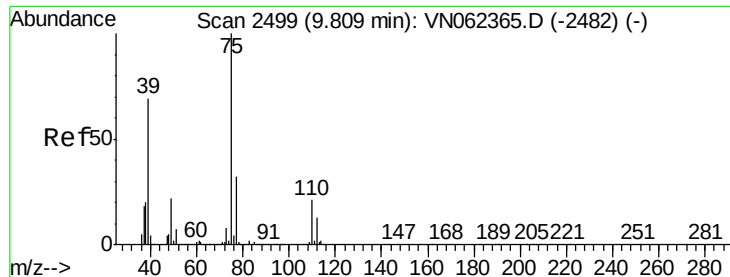
Tgt Ion: 75 Resp: 19512

Ion Ratio Lower Upper

75 100

77 23.4 24.9 37.3#





#54

cis-1,3-Dichloropropene

Concen: 1.068 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

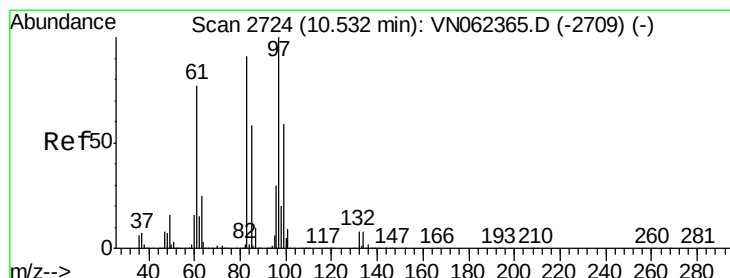
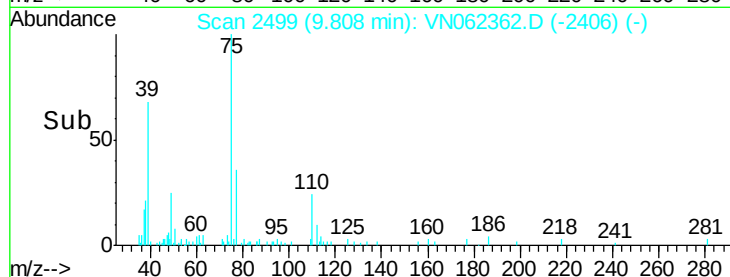
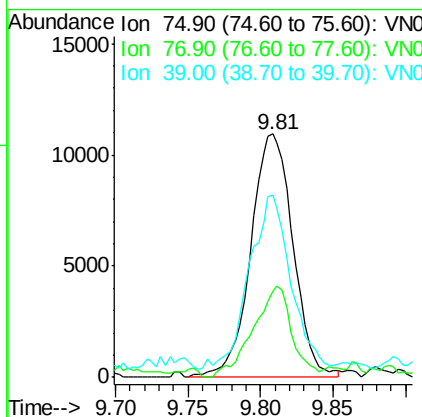
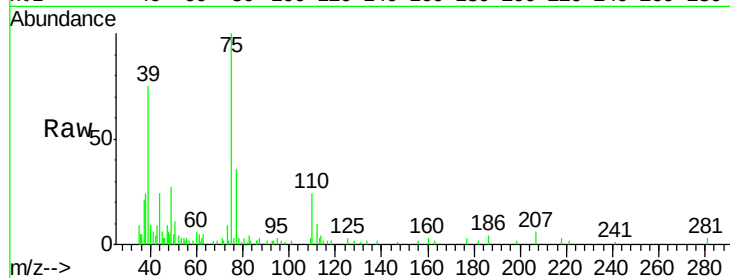
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	22193
Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.0	39.0
39	69.4	55.3	82.9

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#55

1,1,2-Trichloroethane

Concen: 1.009 ug/l

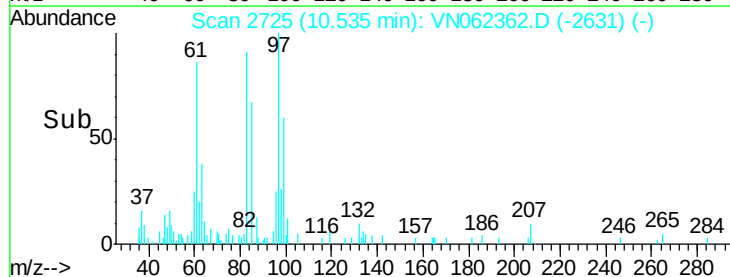
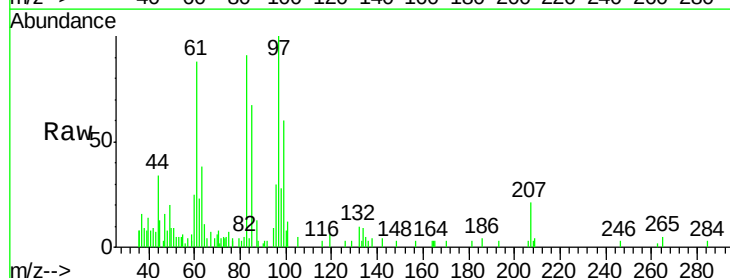
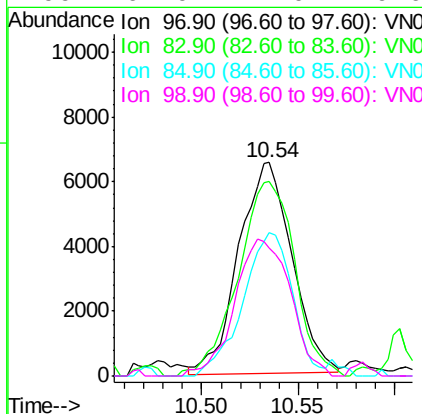
RT: 10.54 min Scan# 2725

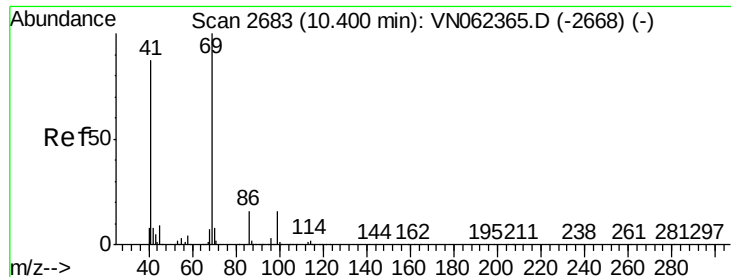
Delta R.T. 0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	97	Resp:	12446
Ion	Ratio	Lower	Upper
97	100		
83	91.8	72.4	108.6
85	69.8	46.3	69.5#
99	62.0	47.0	70.6





#56

Ethyl methacrylate

Concen: 0.992 ug/l

RT: 10.41 min Scan# 2685

Delta R.T. 0.01 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

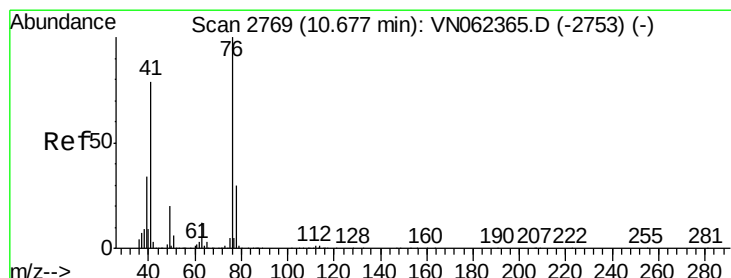
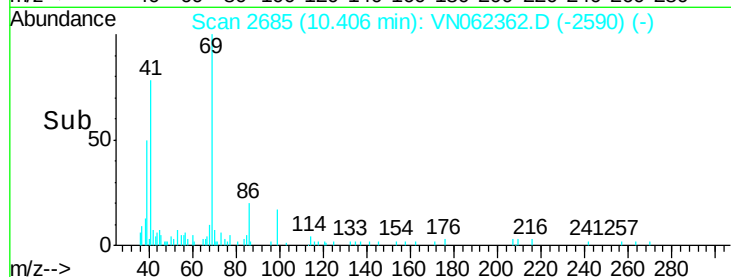
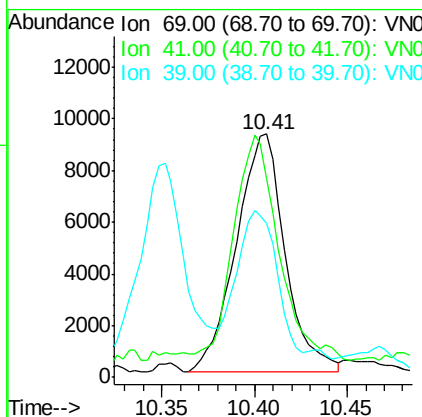
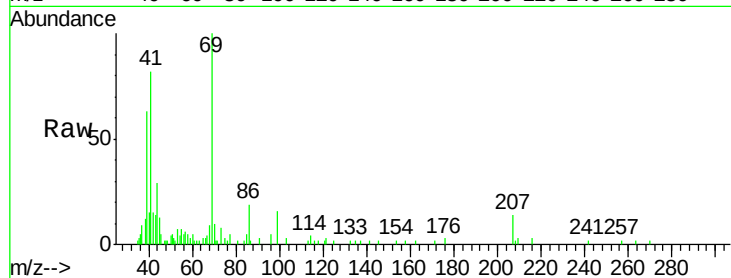
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	16946
Ion	Ratio	Lower	Upper
69	100		
41	86.7	69.4	104.0
39	47.2	42.4	63.6

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#57

1,3-Dichloropropane

Concen: 1.091 ug/l

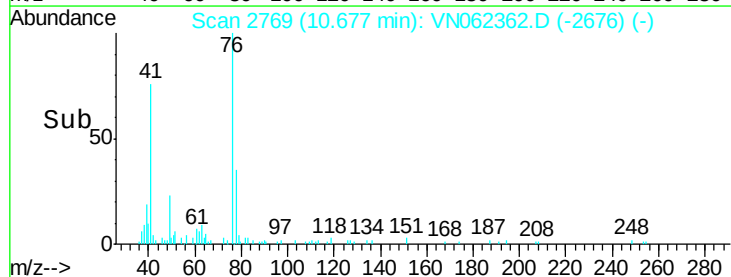
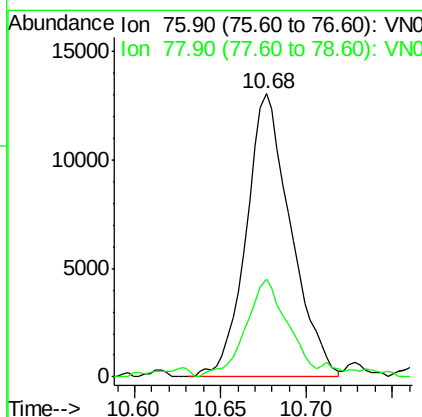
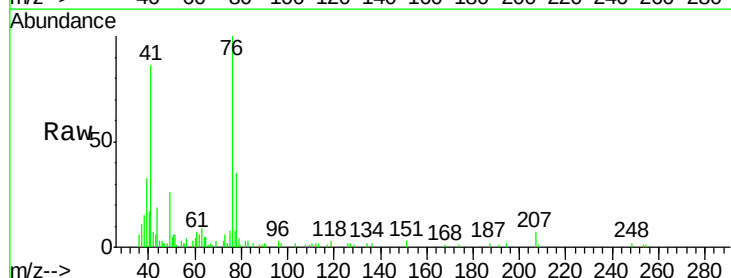
RT: 10.68 min Scan# 2769

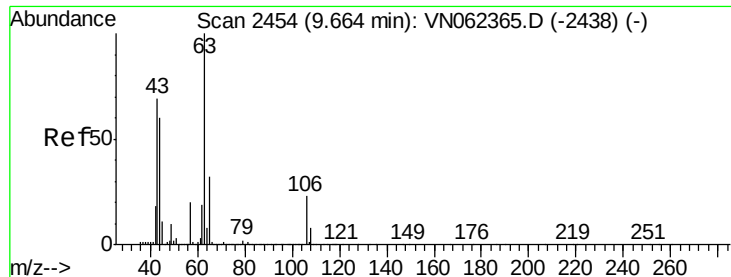
Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	76	Resp:	23559
Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.0	37.4





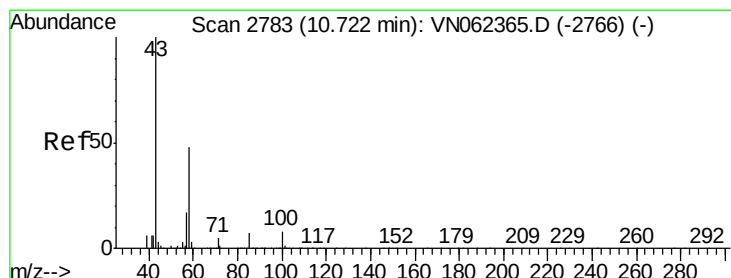
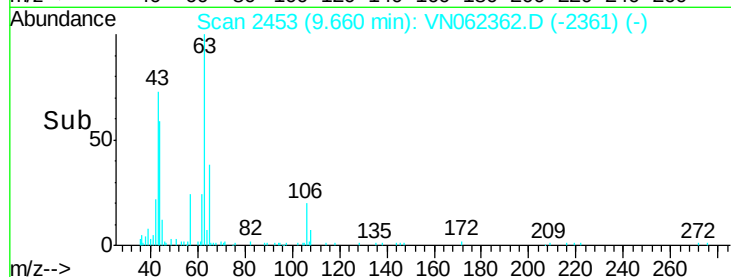
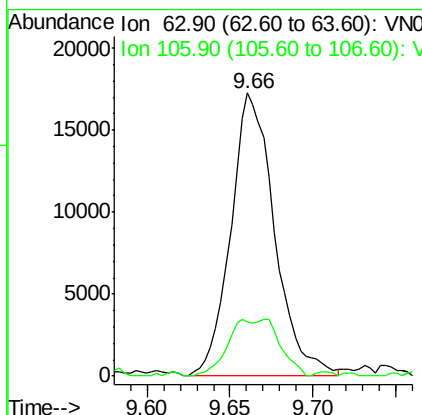
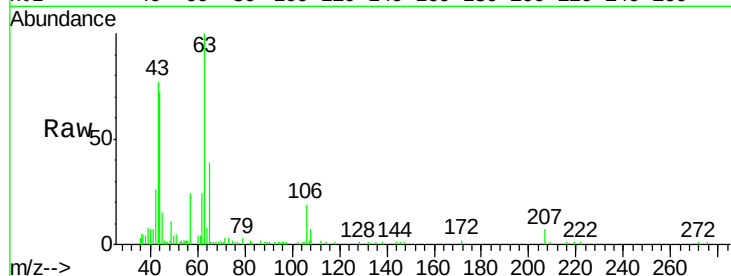
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.941 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 31705
 Ion Ratio Lower Upper
 63 100
 106 12.1 18.0 27.0#

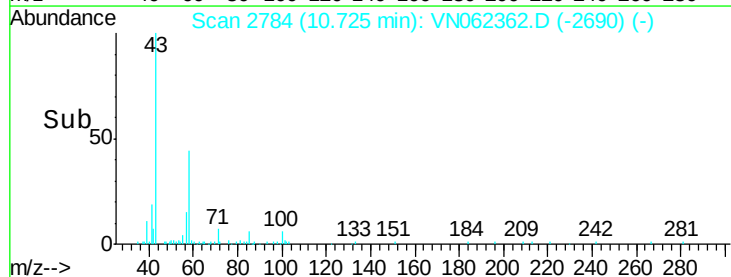
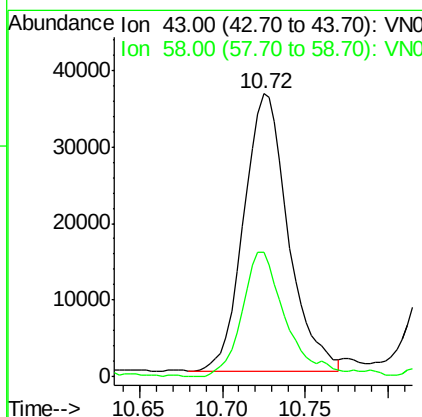
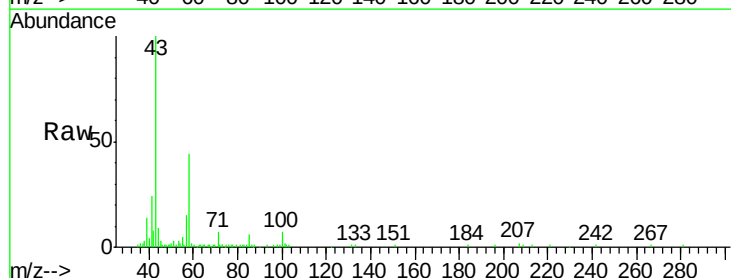
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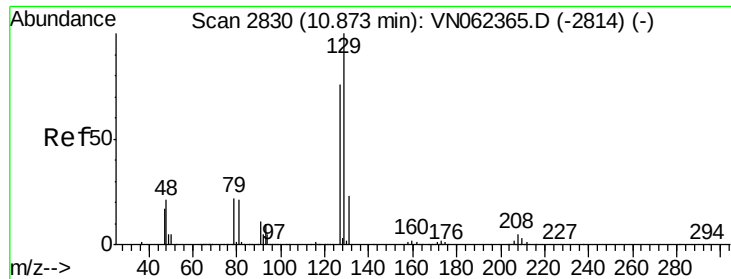
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#59
 2-Hexanone
 Concen: 6.312 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion: 43 Resp: 67358
 Ion Ratio Lower Upper
 43 100
 58 44.1 23.5 70.6





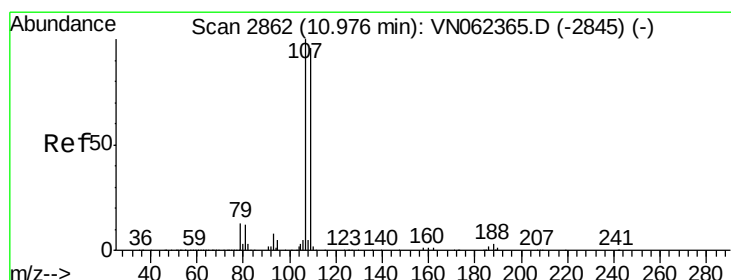
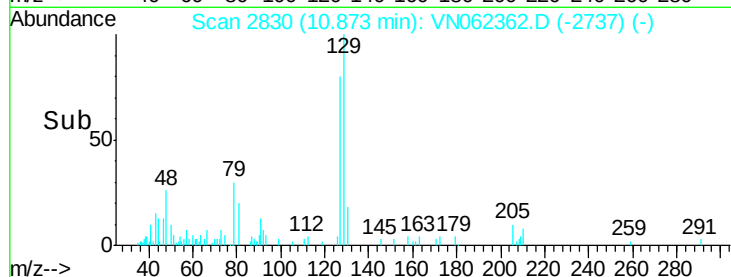
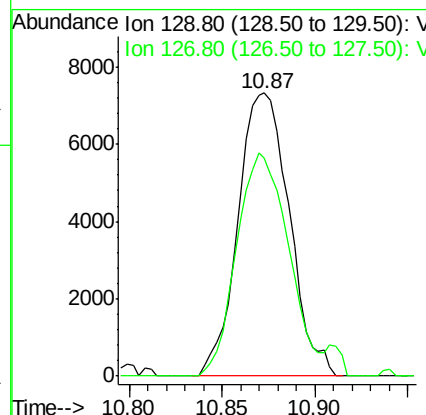
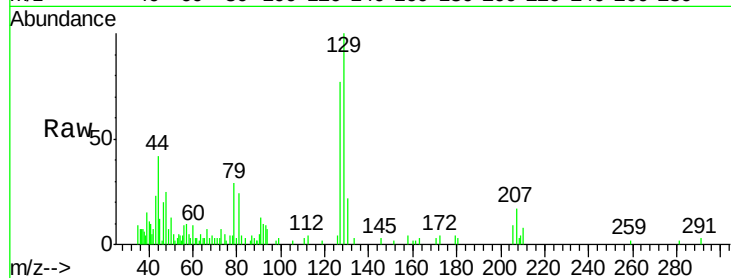
#60
 Dibromochloromethane
 Concen: 1.060 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:129 Resp: 14057
 Ion Ratio Lower Upper
 129 100
 127 80.0 38.8 116.3

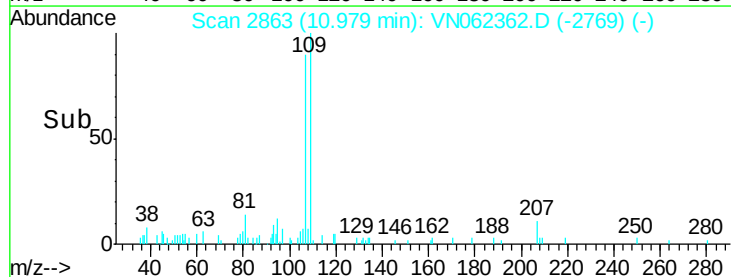
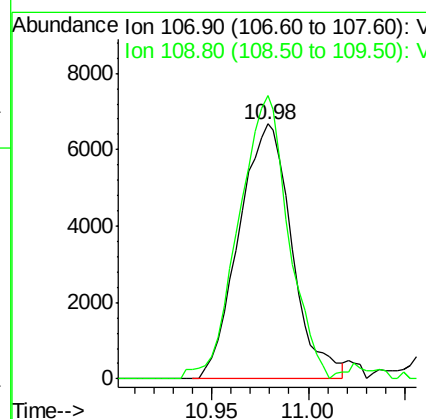
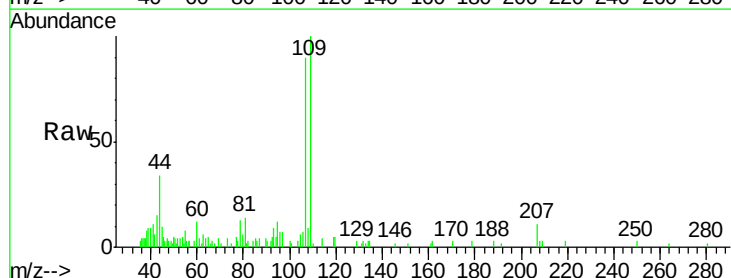
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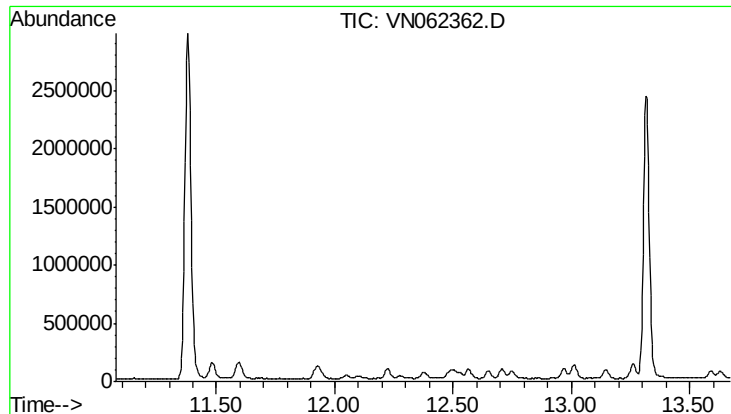
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#61
 1,2-Dibromoethane
 Concen: 1.003 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion:107 Resp: 12730
 Ion Ratio Lower Upper
 107 100
 109 104.5 76.4 114.6





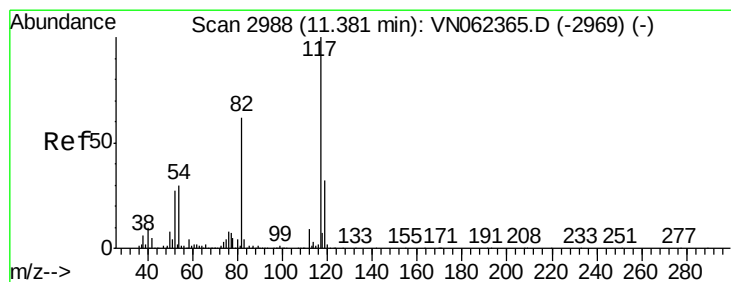
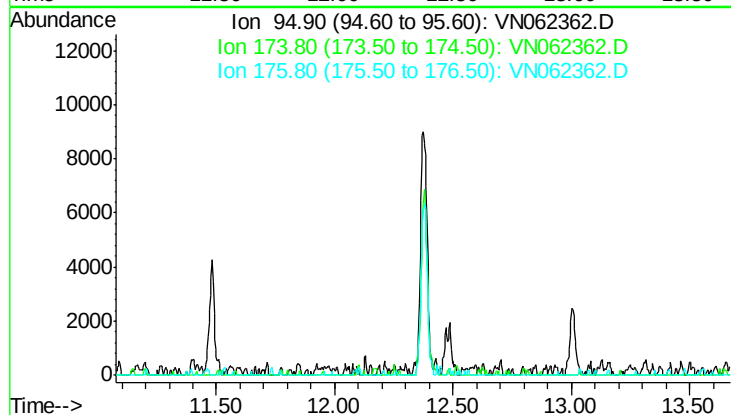
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.37 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	72.9
176	70.1

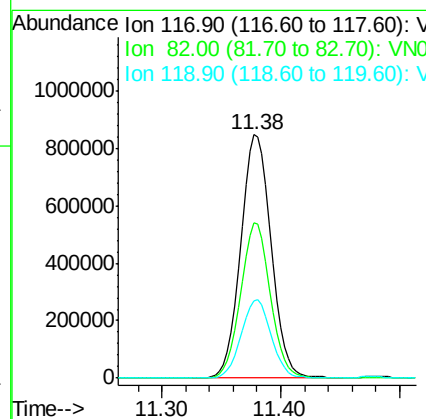
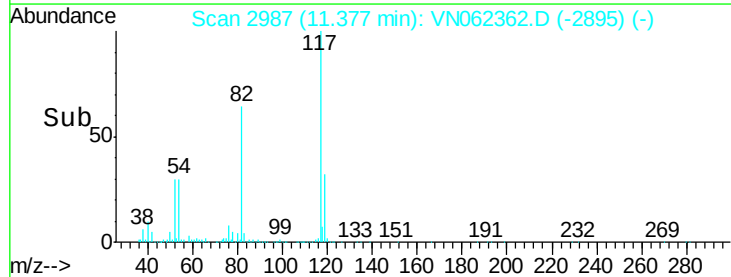
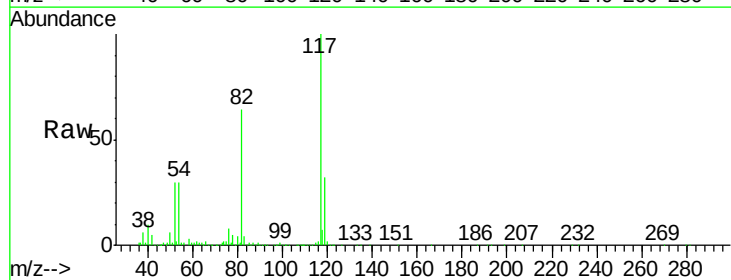
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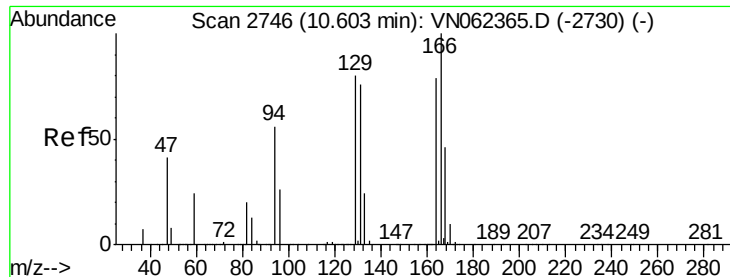
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2987
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	117	Resp	1501482
Ion Ratio	Lower	Upper	
117	100		
82	63.6	49.4	74.2
119	31.8	25.6	38.4





#64

Tetrachloroethene

Concen: 1.194 ug/l

RT: 10.60 min Scan# 2744

Delta R.T. -0.01 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

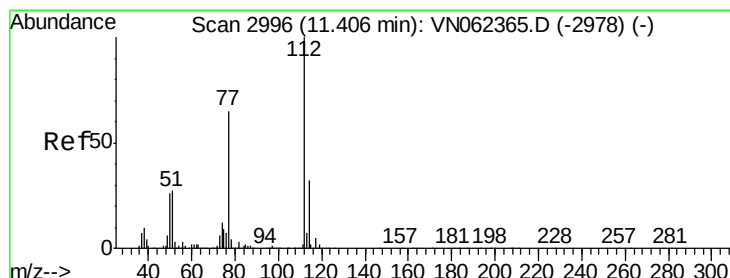
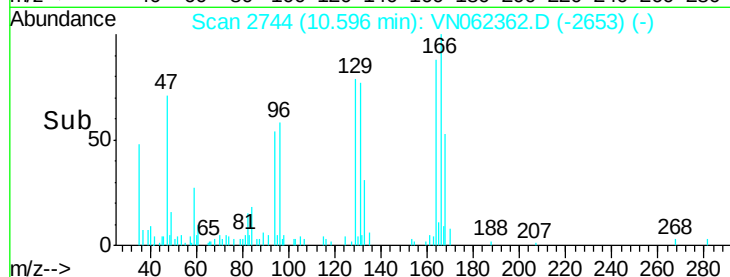
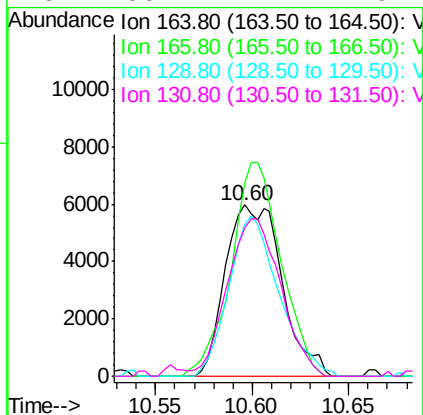
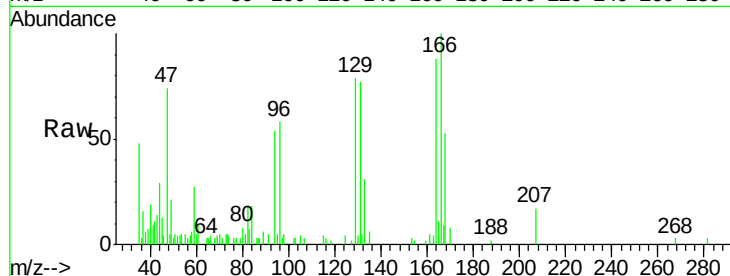
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	12162
Ion	Ratio	Lower	Upper
164	100		
166	113.1	101.6	152.4
129	89.1	81.4	122.2
131	86.7	77.1	115.7

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#65

Chlorobenzene

Concen: 1.013 ug/l

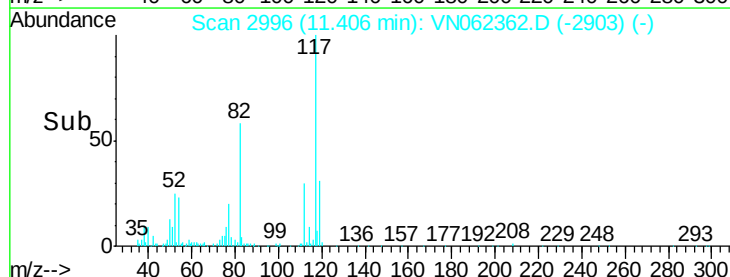
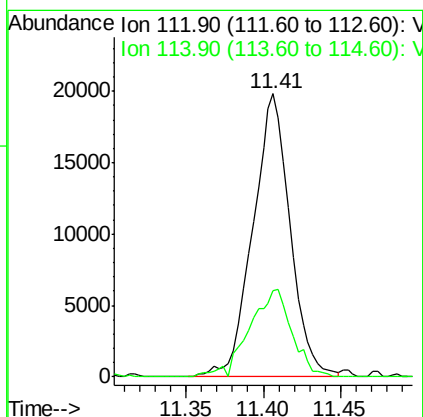
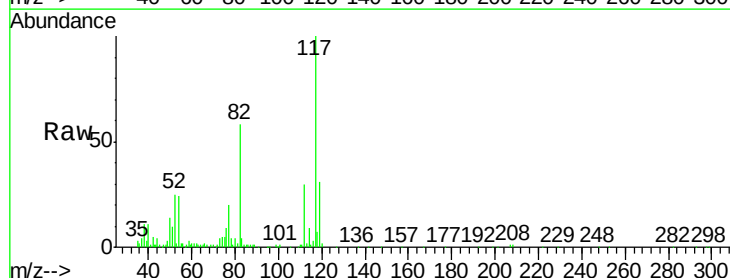
RT: 11.41 min Scan# 2996

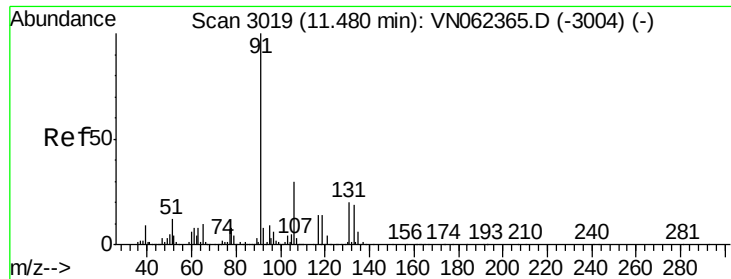
Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	112	Resp:	33291
Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.8	38.8





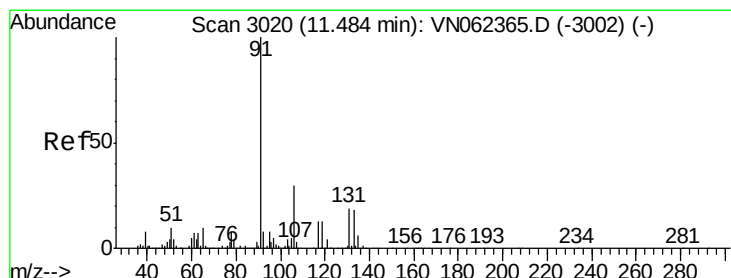
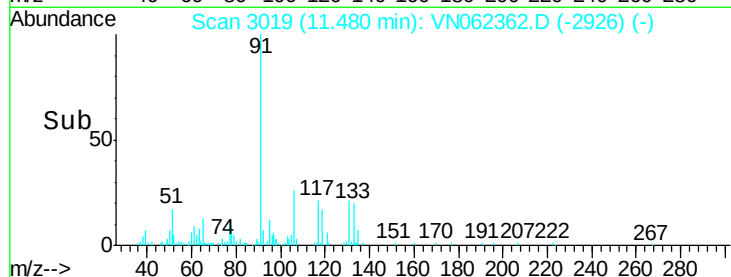
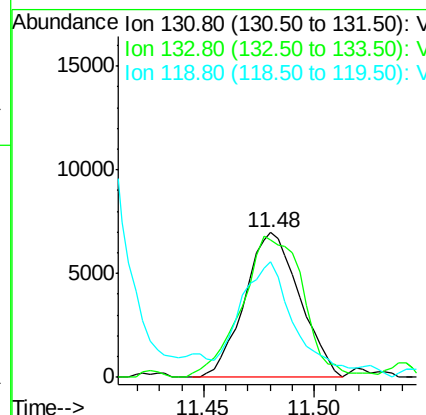
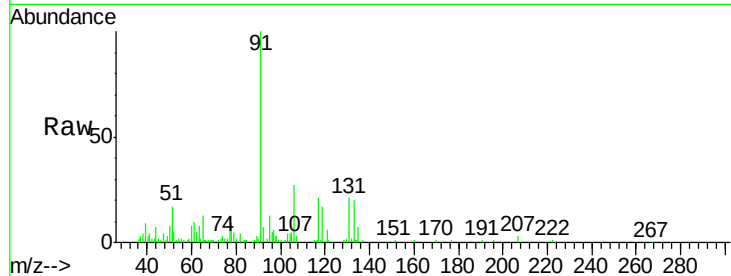
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.054 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	109.1	47.3	141.9
119	0.0	33.3	99.9#

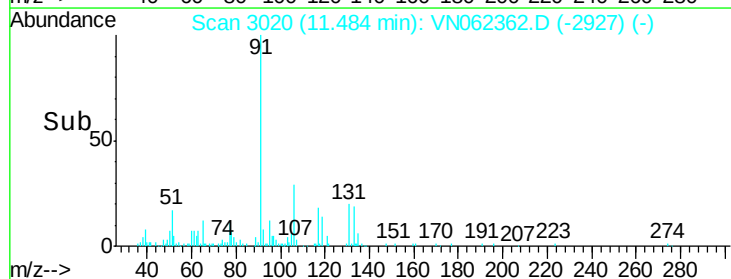
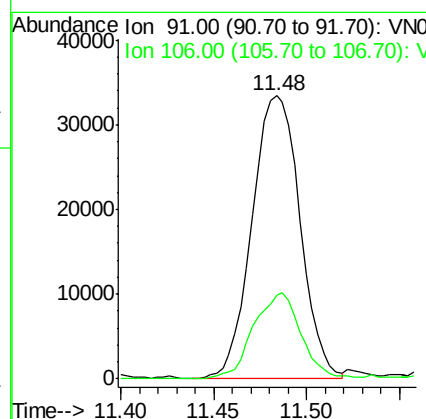
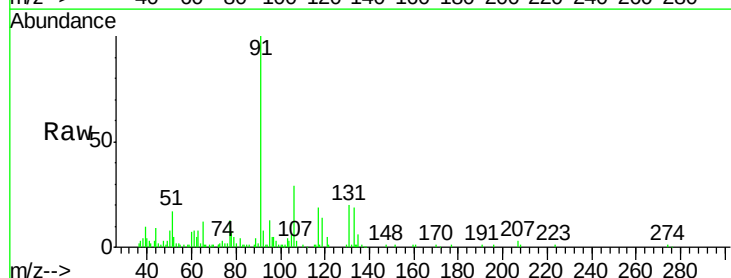
Manual Integrations
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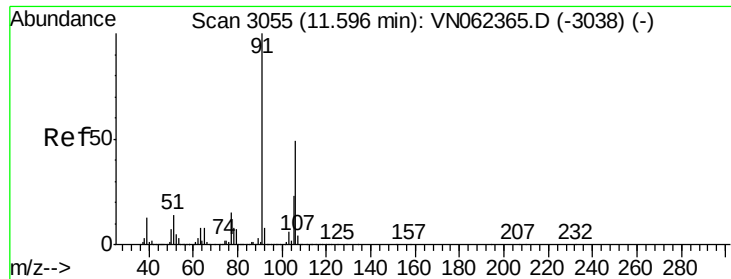
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#67
 Ethyl Benzene
 Concen: 1.078 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.2





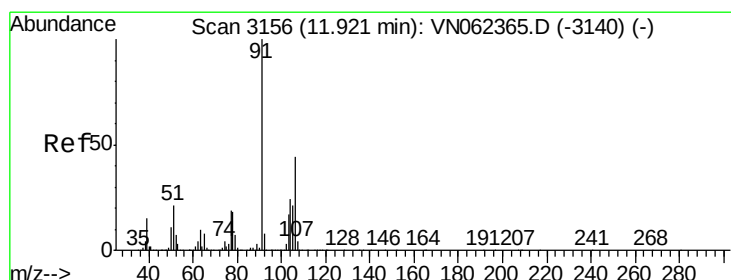
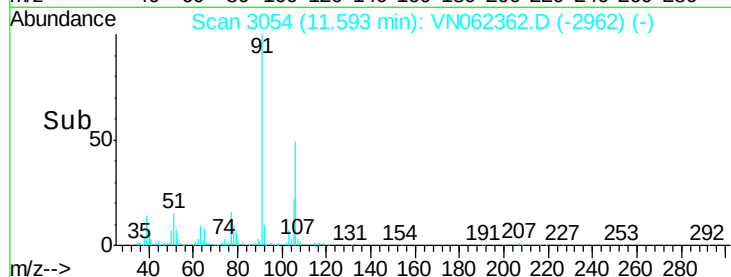
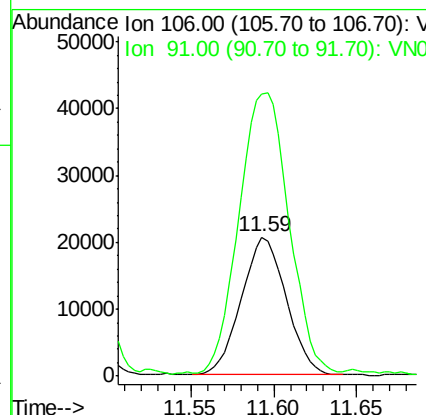
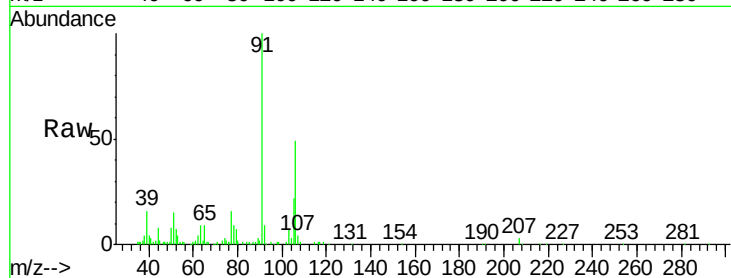
#68
m/p-Xylenes
Concen: 1.810 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 38765
Ion Ratio Lower Upper
106 100
91 227.4 165.4 248.2

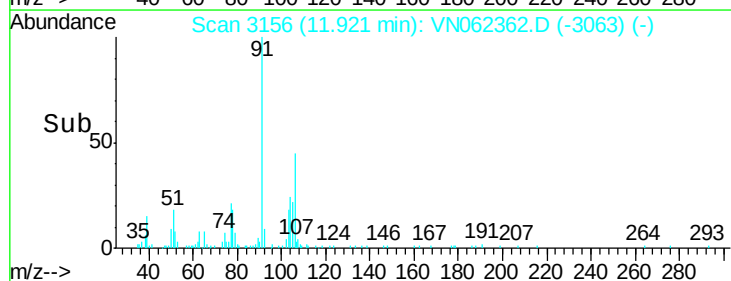
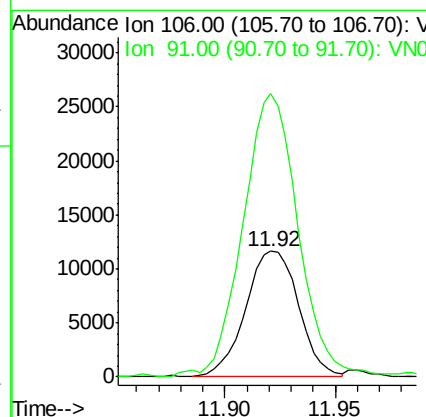
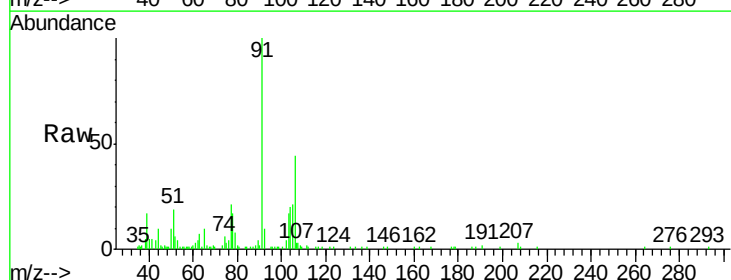
Manual Integrations
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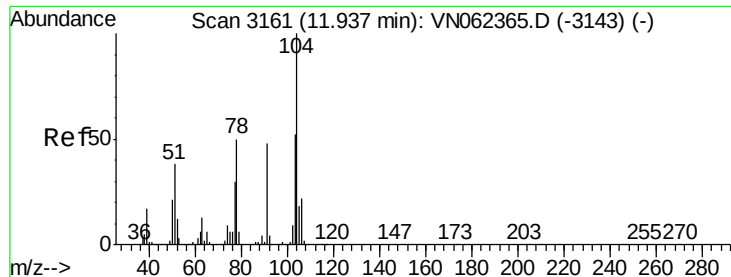
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#69
o-Xylene
Concen: 0.966 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion:106 Resp: 19509
Ion Ratio Lower Upper
106 100
91 234.8 113.1 339.4





#70

Stvrene

Concen: 0.928 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

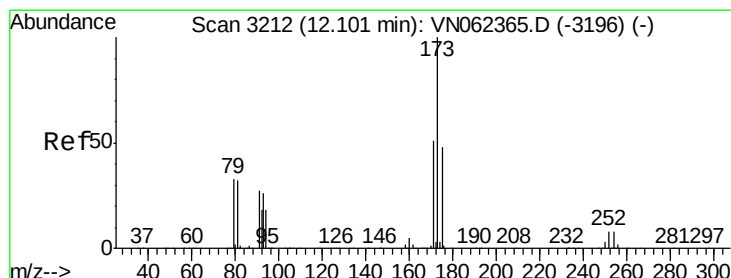
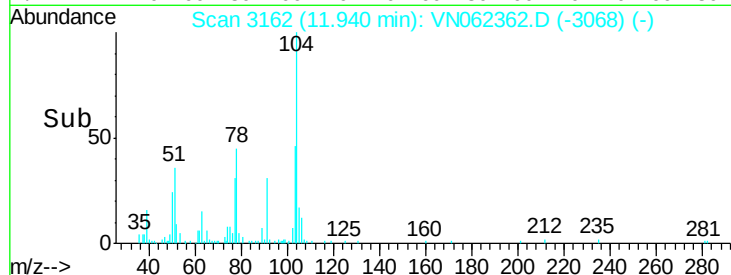
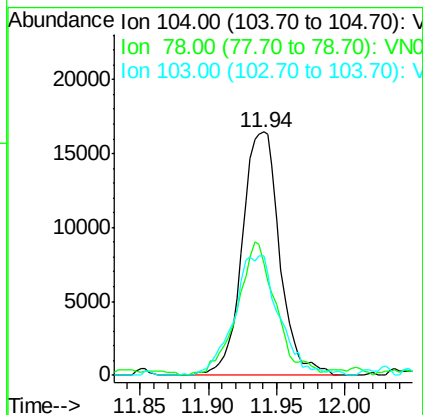
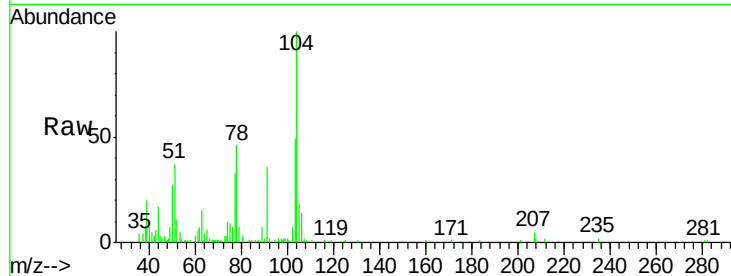
ClientSampled :

VSTDIC001

Tot Ion:	104	Resp:	31324
Ion Ratio	Lower	Upper	
104	100		
78	56.5	44.8	67.2
103	59.4	45.0	67.4

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#71

Bromoform

Concen: 1.092 ug/l

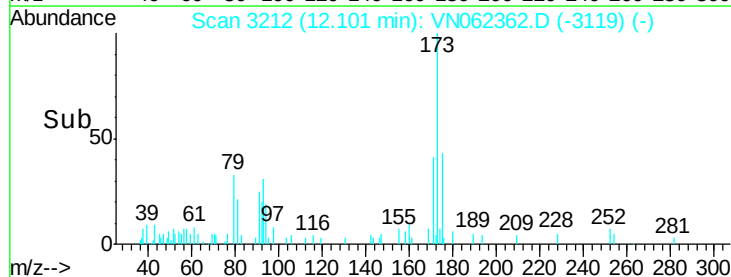
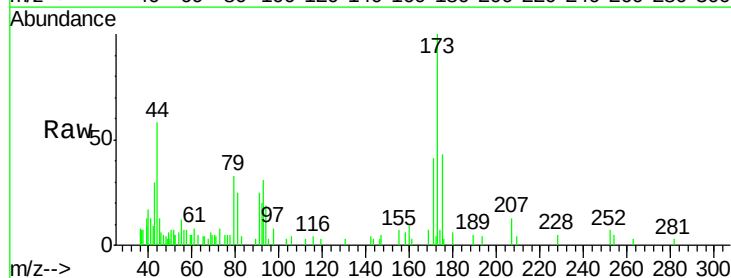
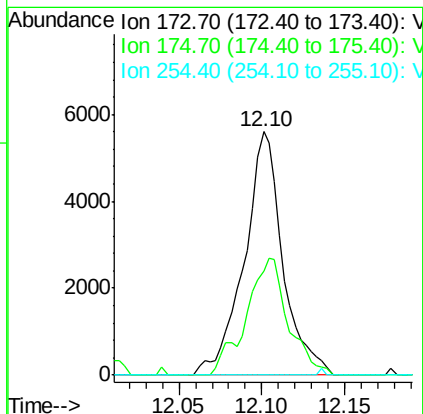
RT: 12.10 min Scan# 3212

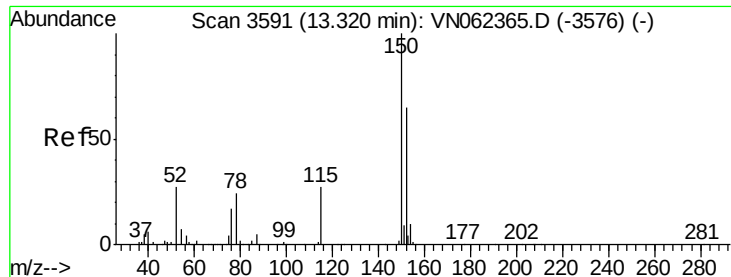
Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	173	Resp:	9037
Ion Ratio	Lower	Upper	
173	100		
175	52.4	24.1	72.2
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

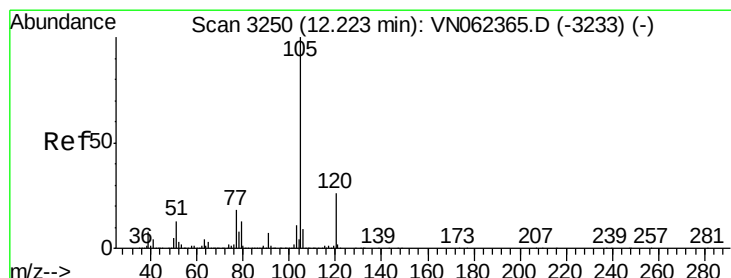
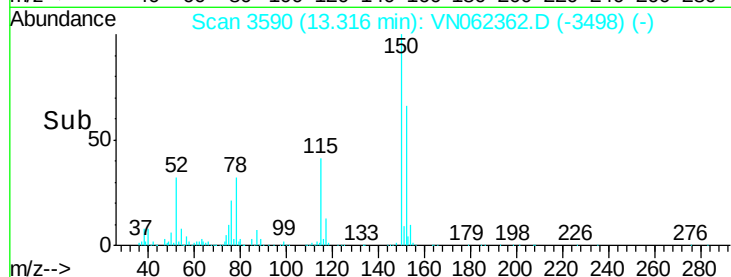
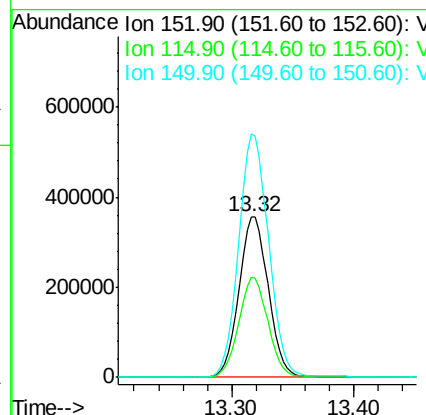
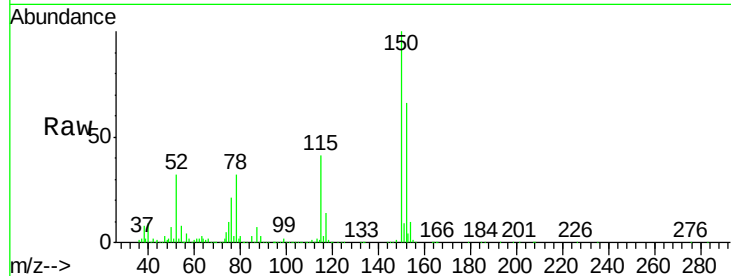
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	594280
Ion Ratio	Lower	Upper	
152	100		
115	62.3	30.5	91.5
150	153.9	0.0	346.8

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#73

Isopropylbenzene

Concen: 1.133 ug/l

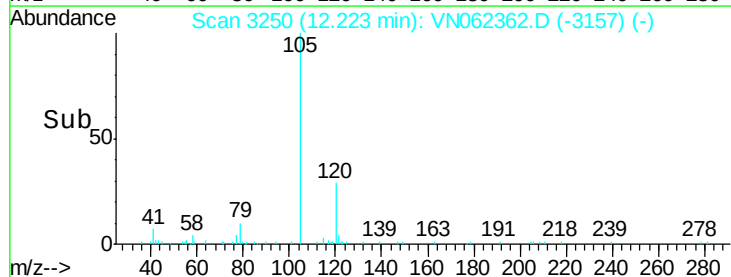
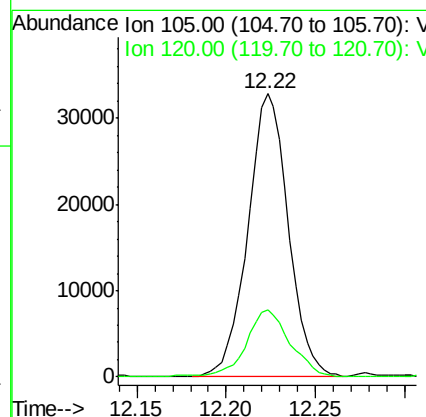
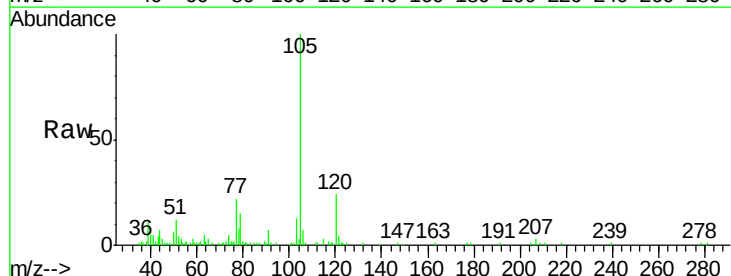
RT: 12.22 min Scan# 3250

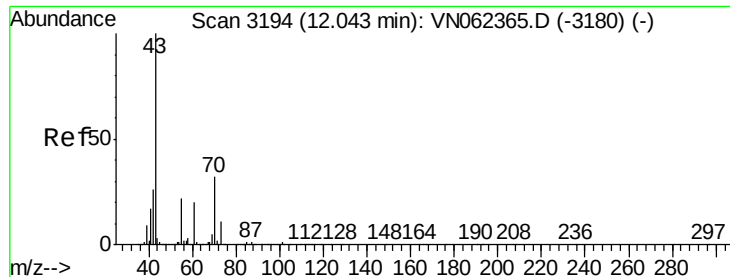
Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	105	Resp:	51976
Ion Ratio	Lower	Upper	
105	100		
120	25.3	12.8	38.3





#74

N-amvl acetate

Concen: 1.274 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

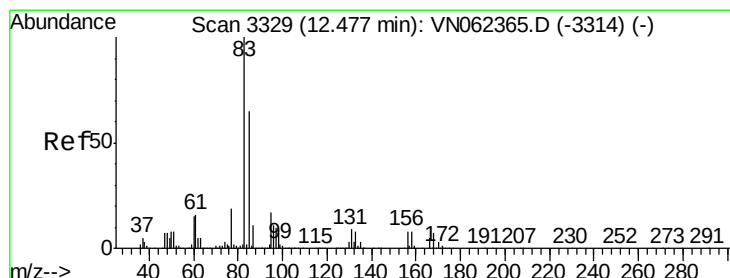
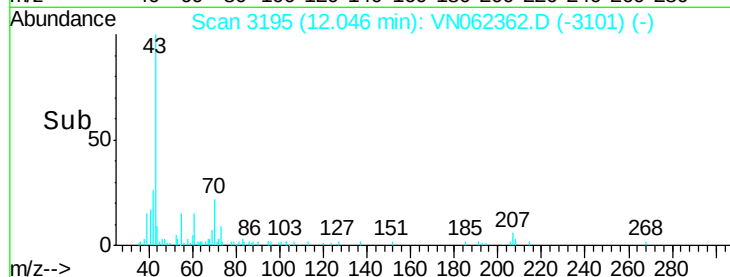
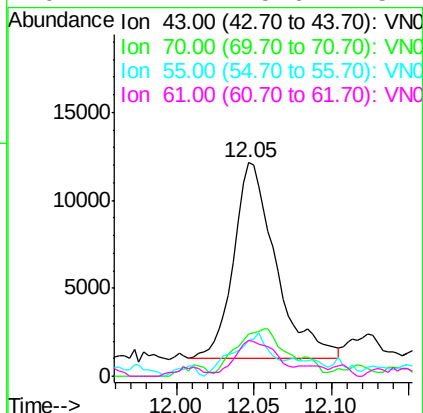
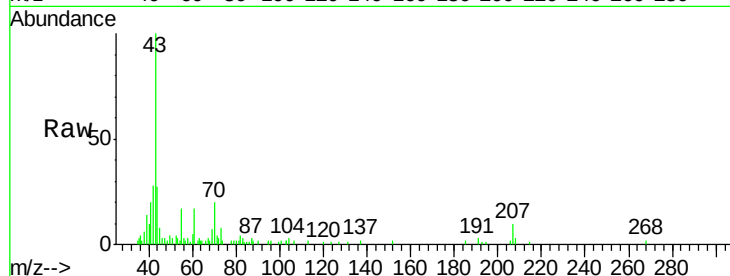
ClientSampleId :

VSTDIC001

Tot Ion	43	Resp	21183
Ion	Ratio	Lower	Upper
43	100		
70	23.9	25.9	38.9#
55	19.5	17.4	26.0
61	14.2	15.6	23.4#

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.201 ug/l

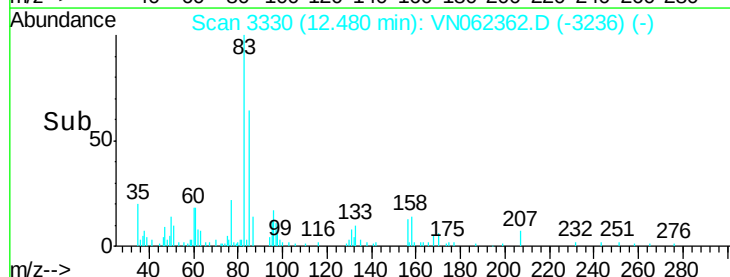
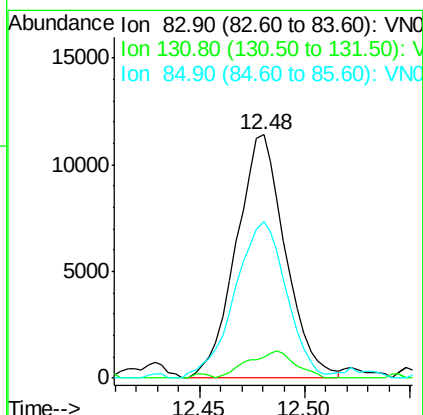
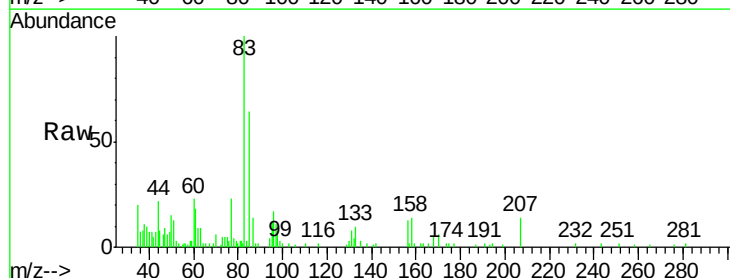
RT: 12.48 min Scan# 3330

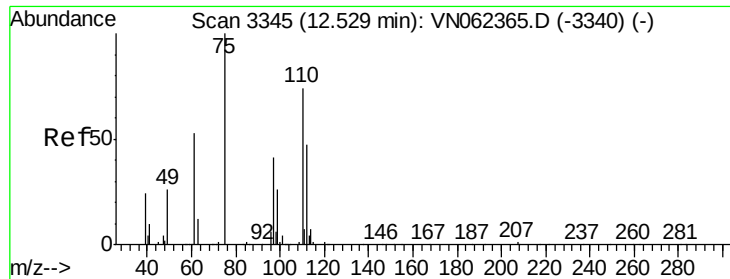
Delta R.T. 0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion	83	Resp	18484
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.8	14.3
85	67.5	32.3	96.9





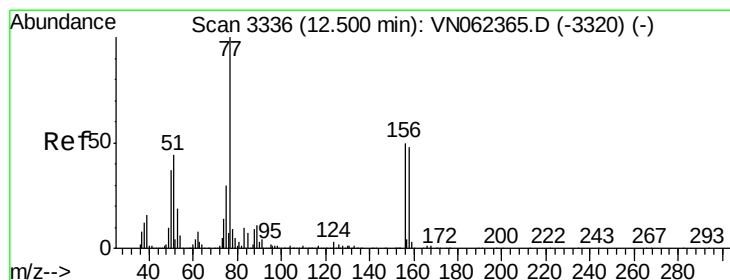
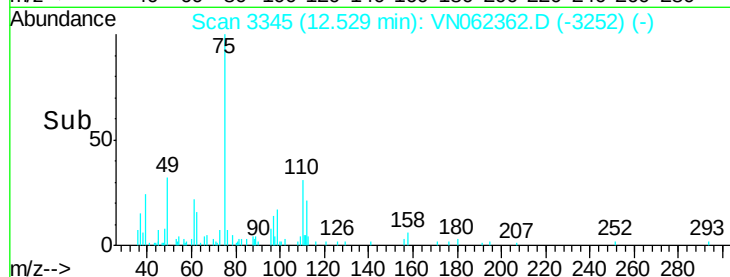
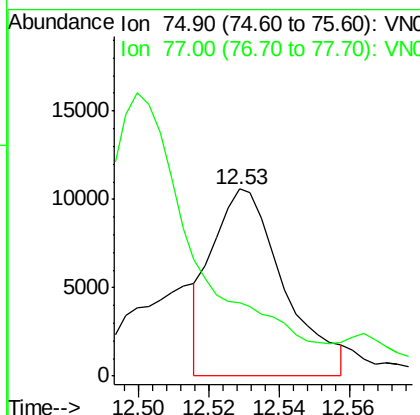
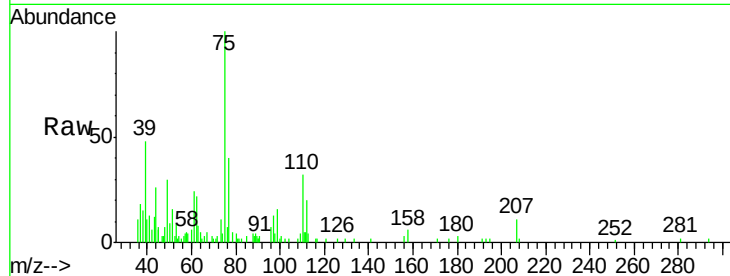
#76
1,2,3-Trichloropropane
Concen: 1.067 ug/l m
RT: 12.53 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

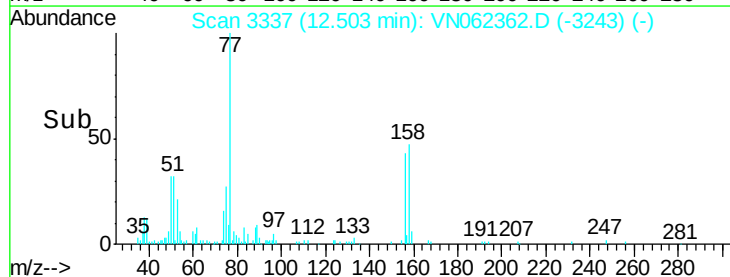
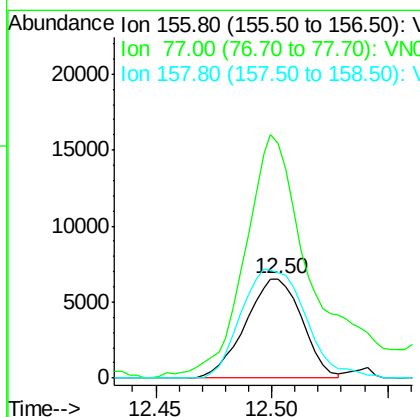
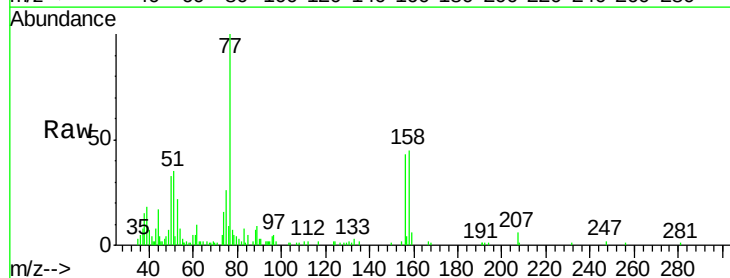
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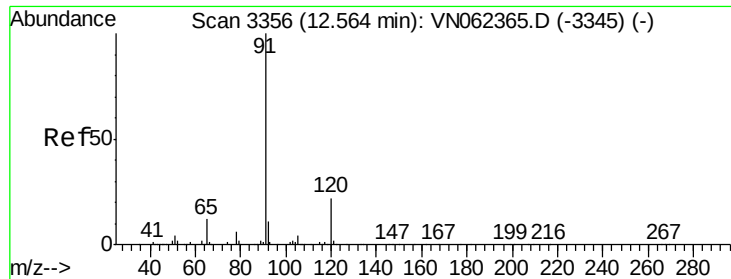
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#77
Bromobenzene
Concen: 0.975 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
156	100		
77	295.8	123.3	369.8
158	125.6	49.6	148.8





#78

n-propylbenzene

Concen: 1.114 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 58662

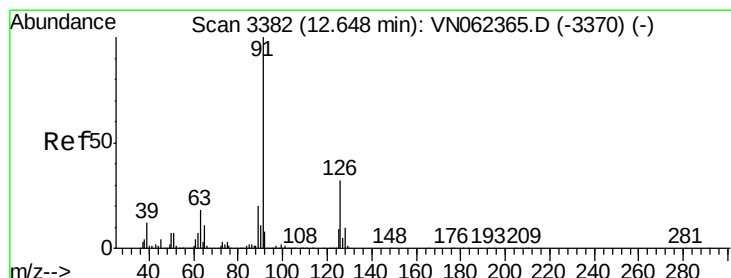
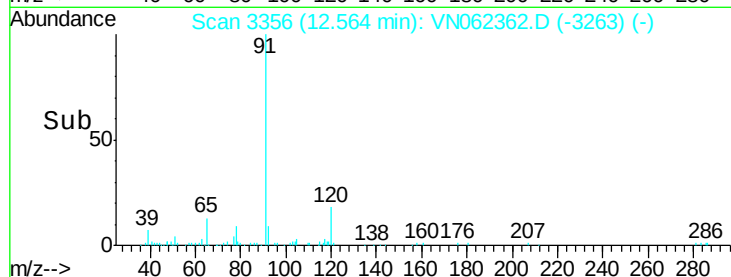
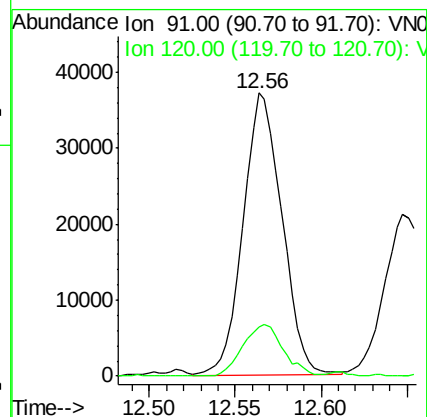
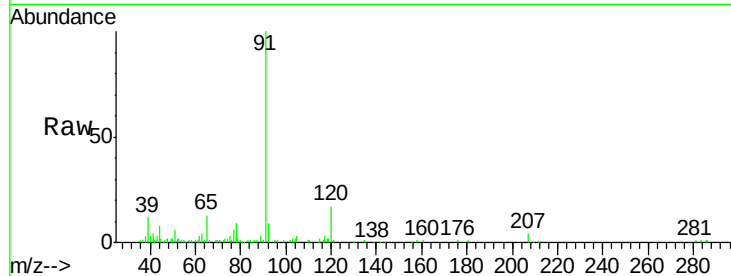
Ion Ratio Lower Upper

91 100

120 19.0 10.9 32.6

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#79

2-Chlorotoluene

Concen: 1.157 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062362.D

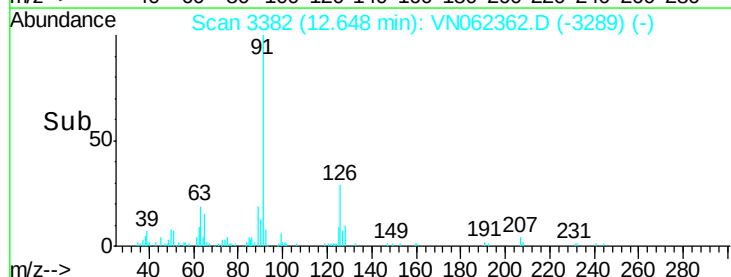
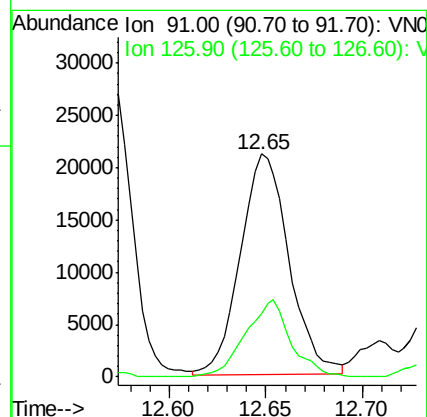
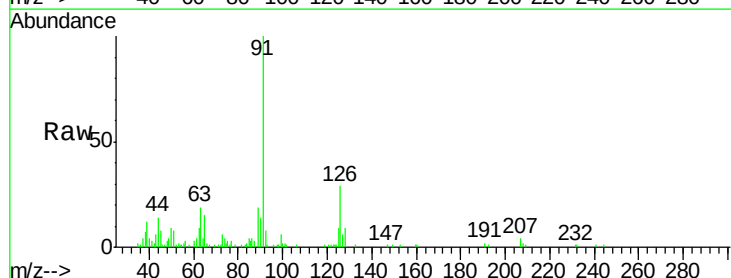
Acq: 6 Jul 2020 12:24

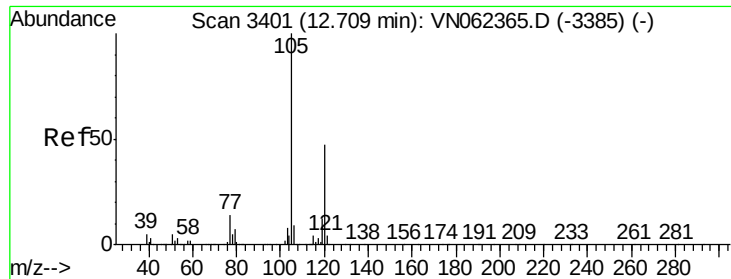
Tgt Ion: 91 Resp: 37027

Ion Ratio Lower Upper

91 100

126 32.7 15.8 47.4





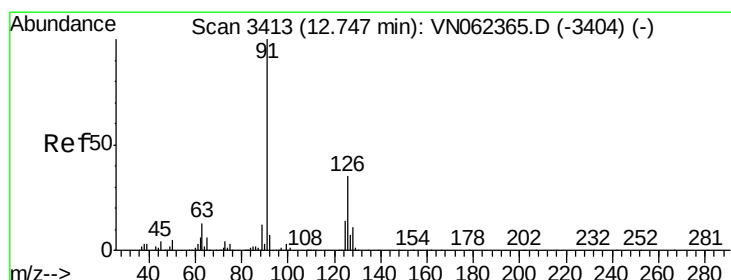
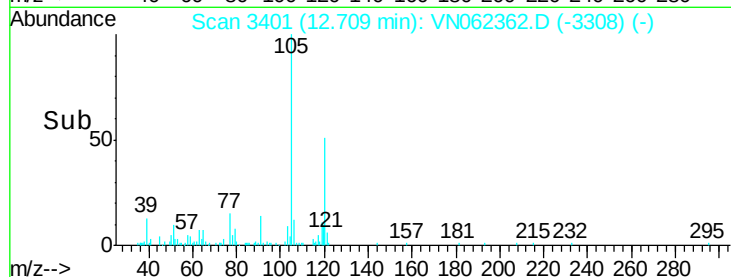
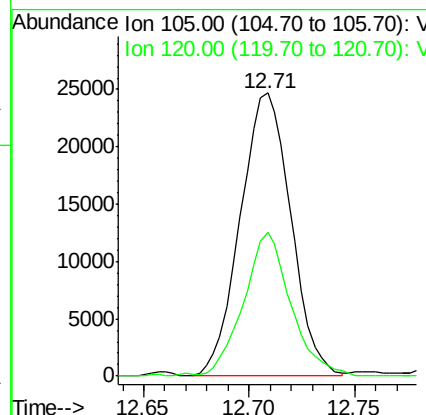
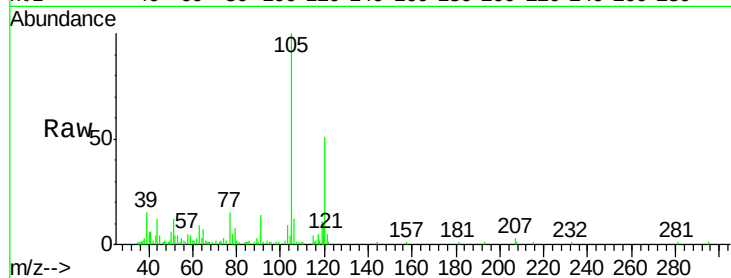
#80
 1,3,5-Trimethylbenzene
 Concen: 1.102 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 41212
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.2 69.6

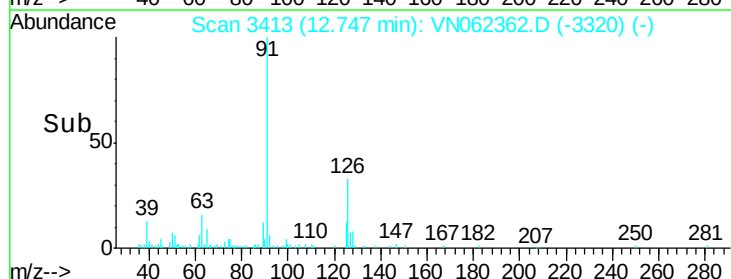
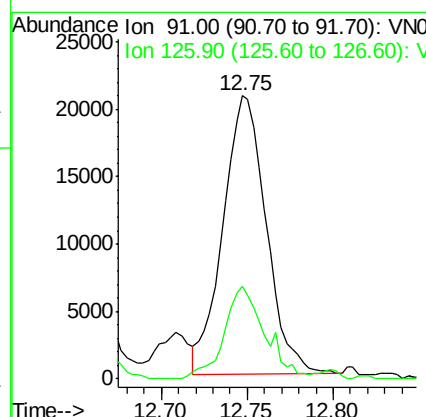
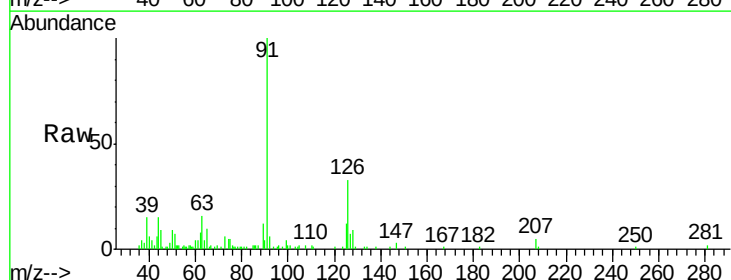
Manual Integrations
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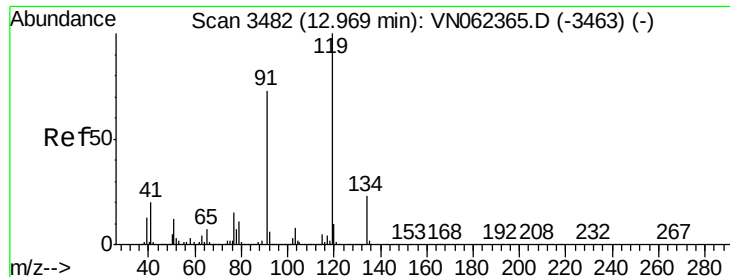
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#82
 4-Chlorotoluene
 Concen: 1.095 ug/l
 RT: 12.75 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion: 91 Resp: 36213
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.6 46.7





#83

tert-Butylbenzene

Concen: 1.079 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

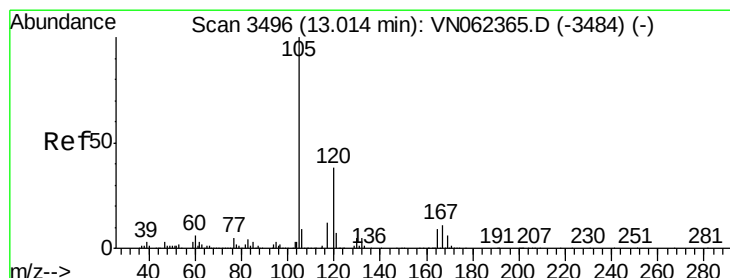
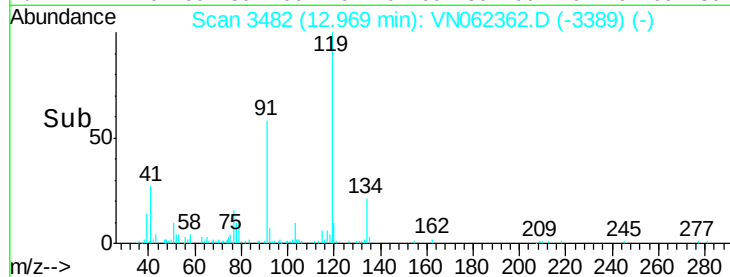
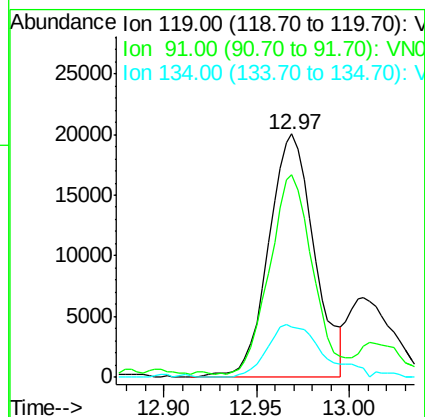
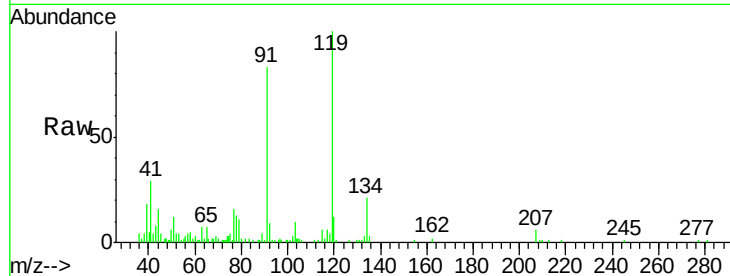
ClientSampled :

VSTDIC001

Tot Ion:	119	Resp:	34341
Ion	Ratio	Lower	Upper
119	100		
91	78.4	36.4	109.1
134	26.2	11.7	35.0

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#84

1,2,4-Trimethylbenzene

Concen: 1.103 ug/l

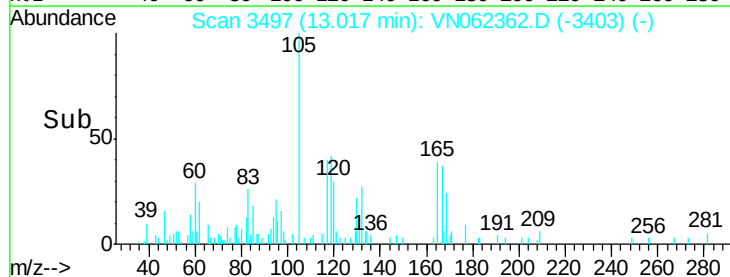
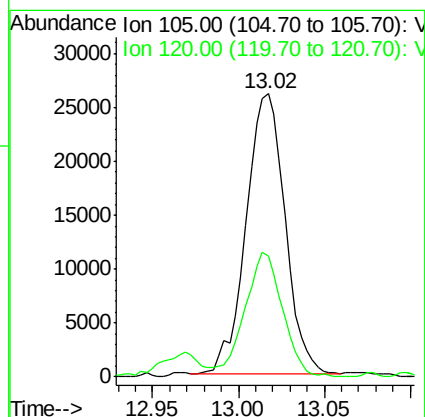
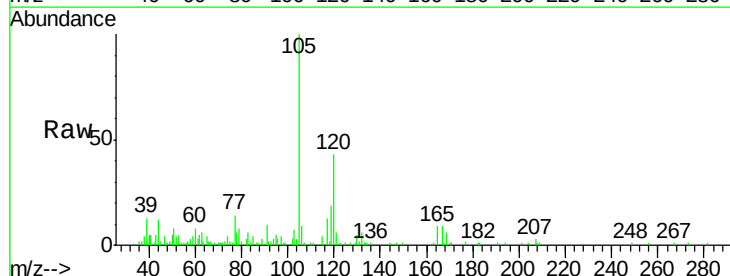
RT: 13.02 min Scan# 3497

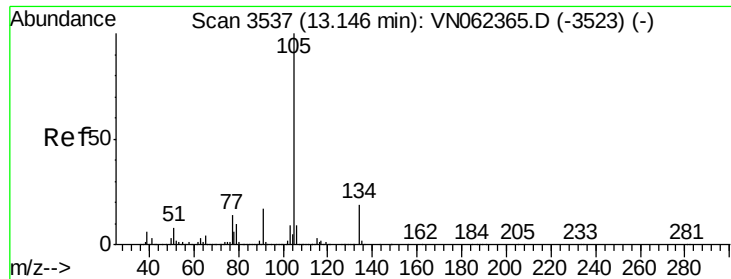
Delta R.T. 0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	105	Resp:	41110
Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.1	66.3





#85

sec-Butylbenzene

Concen: 1.022 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 43204

Ion Ratio Lower Upper

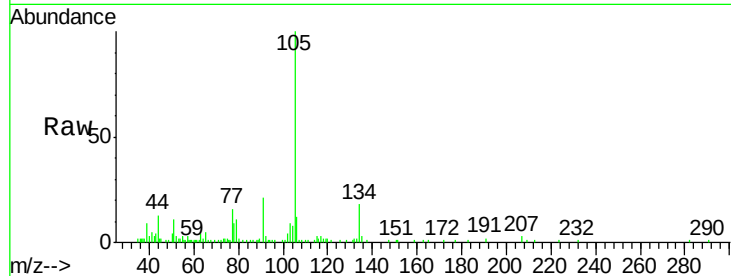
105 100

134 17.9 9.4 28.2

Manual Integrations
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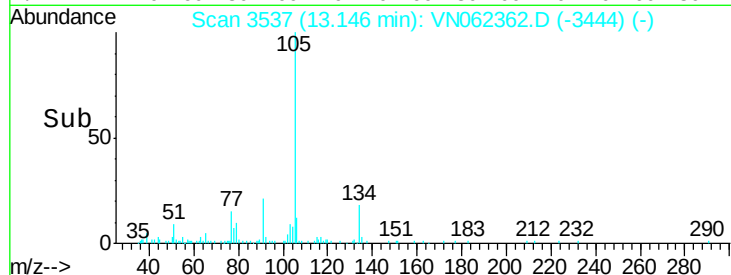
MMDadoda

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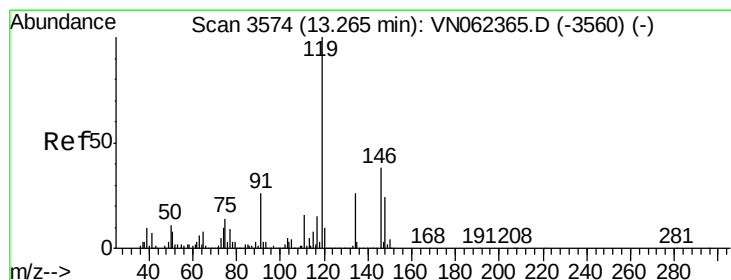


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 1.094 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

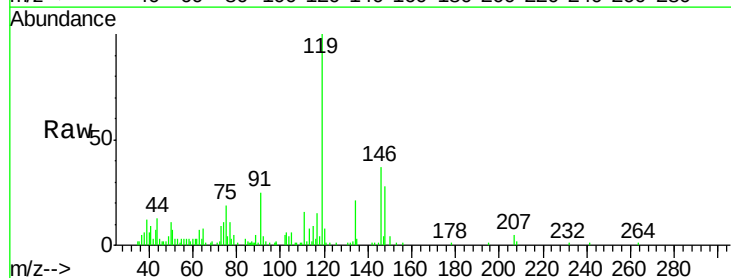
Tgt Ion:119 Resp: 40411

Ion Ratio Lower Upper

119 100

134 22.3 12.7 38.1

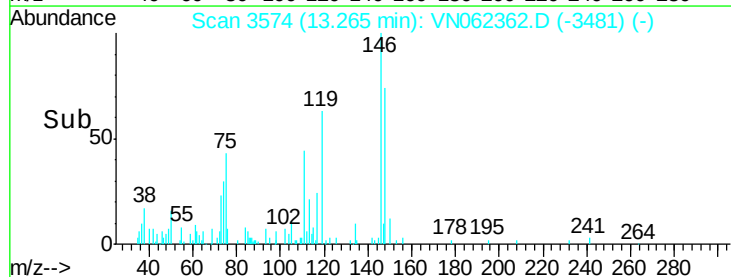
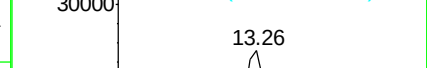
91 24.5 13.1 39.3



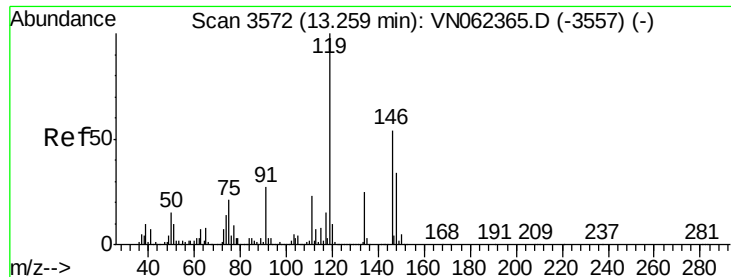
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->



#87

1,3-Dichlorobenzene

Concen: 0.985 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Instrument :

MSVOA_N

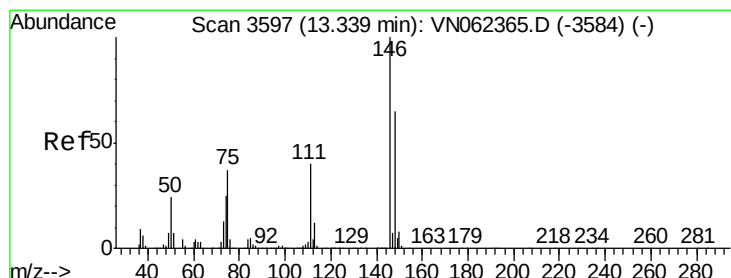
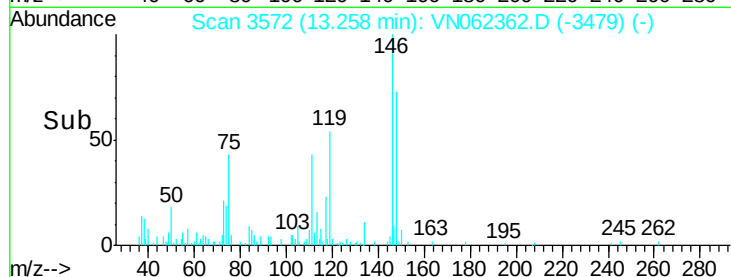
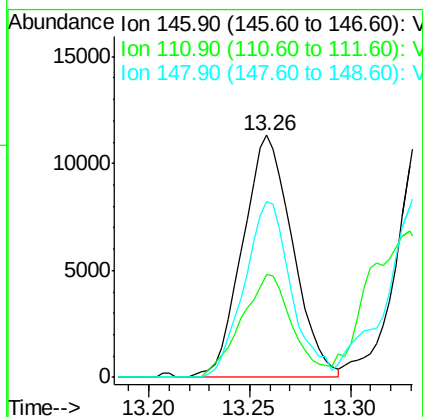
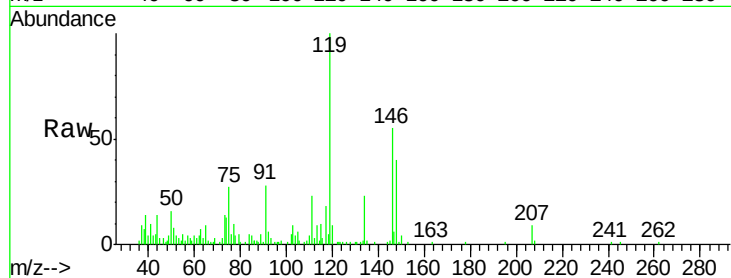
ClientSampled :

VSTDIC001

Tot Ion:	146	Resp:	19645
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.3	63.9
148	67.7	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 1.109 ug/l m

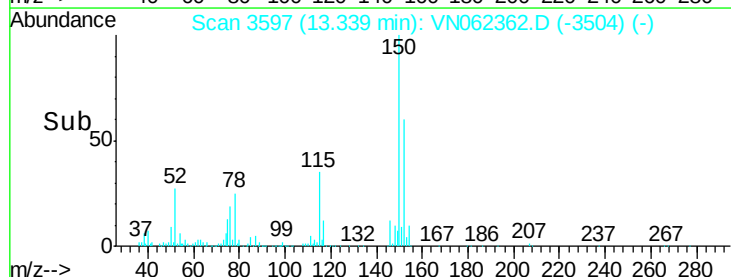
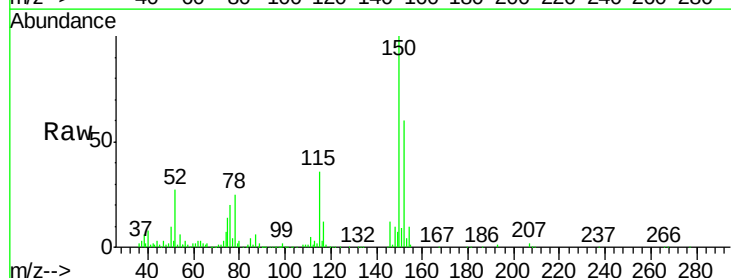
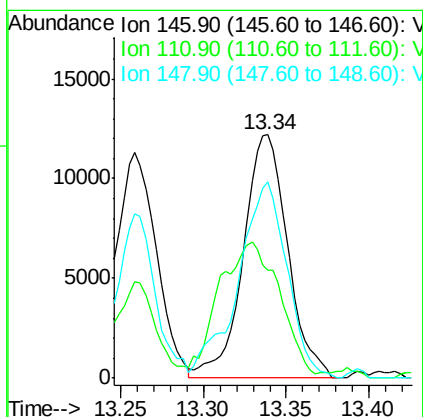
RT: 13.34 min Scan# 3597

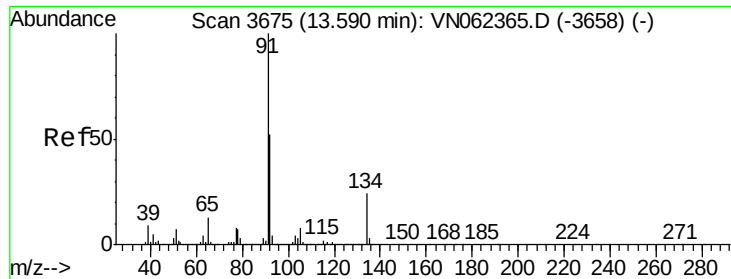
Delta R.T. -0.00 min

Lab File: VN062362.D

Acq: 6 Jul 2020 12:24

Tgt Ion:	146	Resp:	22834
Ion Ratio	Lower	Upper	
146	100		
111	37.3	20.6	61.8
148	58.2	31.8	95.4





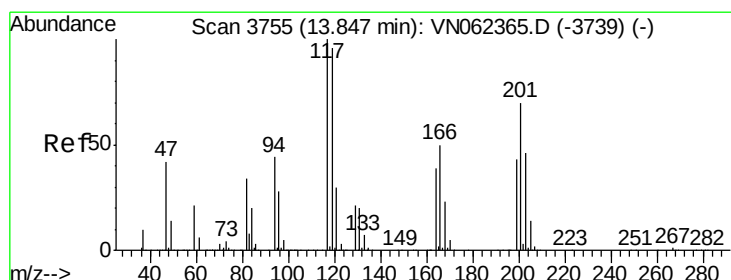
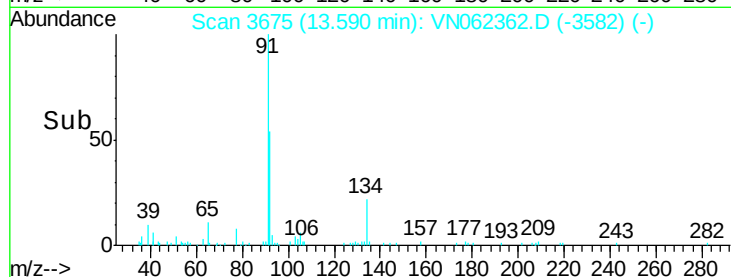
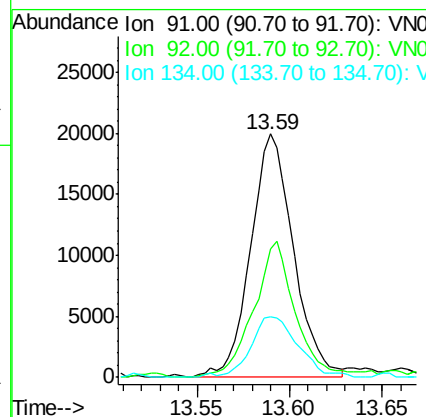
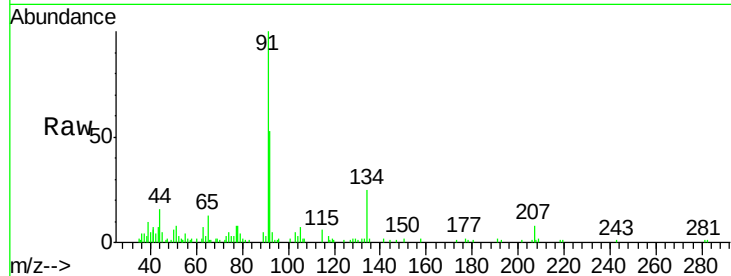
#89
n-Butylbenzene
Concen: 1.036 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	25.7	77.1
134	25.2	11.7	35.1

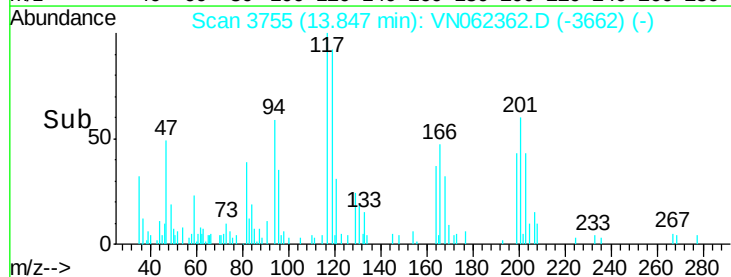
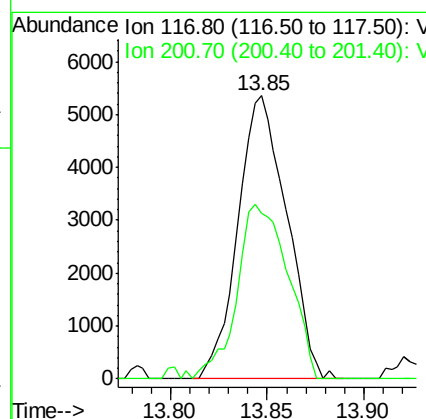
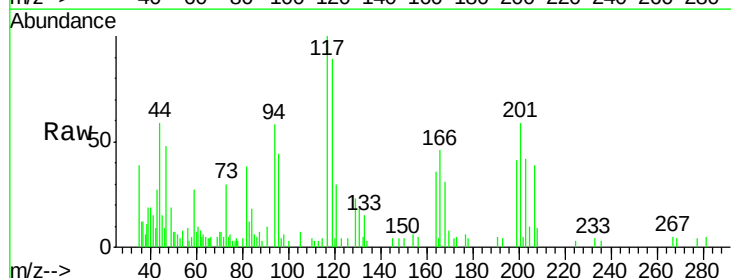
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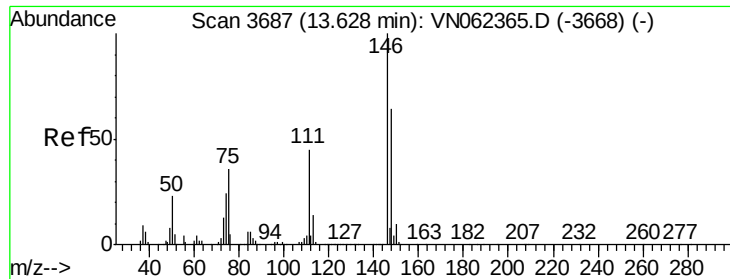
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#90
Hexachloroethane
Concen: 1.274 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.6	35.4	106.2





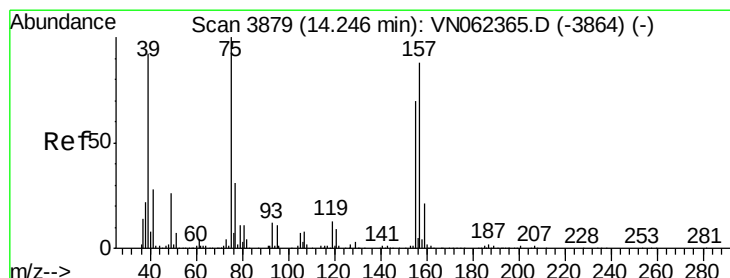
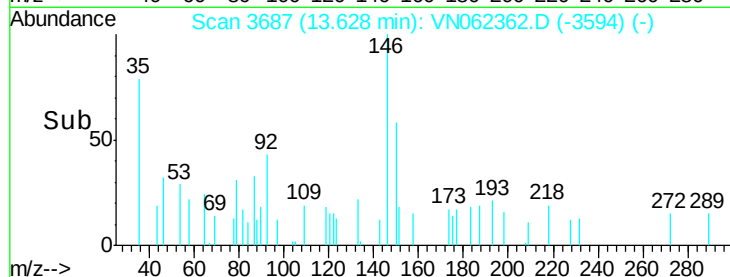
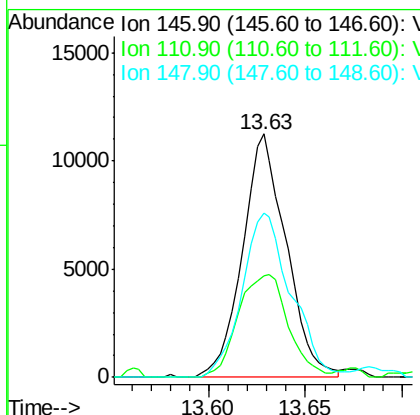
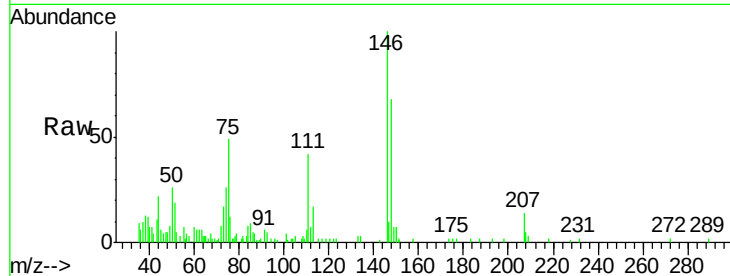
#91
 1,2-Dichlorobenzene
 Concen: 0.913 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.1	22.3	66.9
148	75.4	32.4	97.0

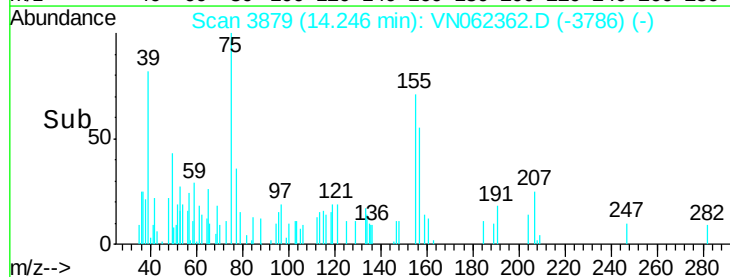
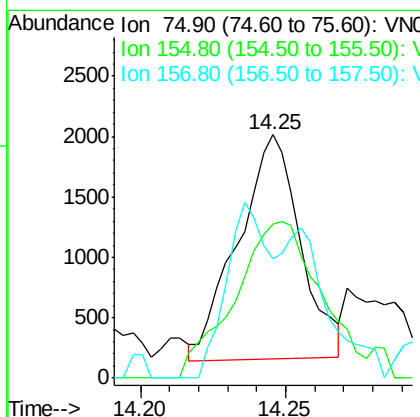
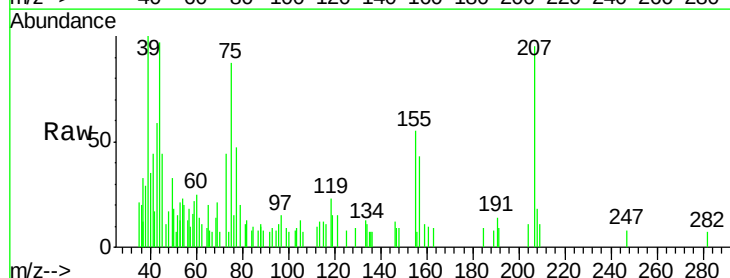
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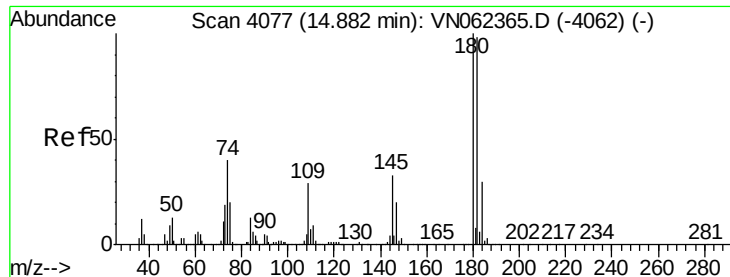
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.096 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	34.1	102.2
157	52.1	43.3	129.8





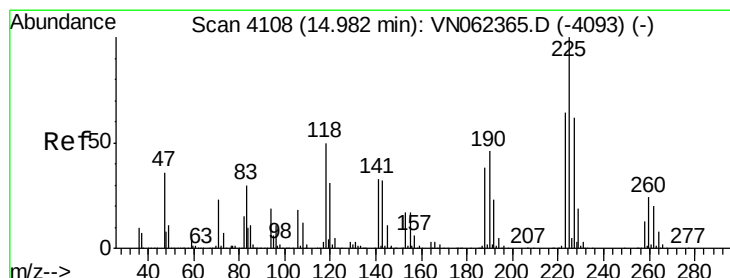
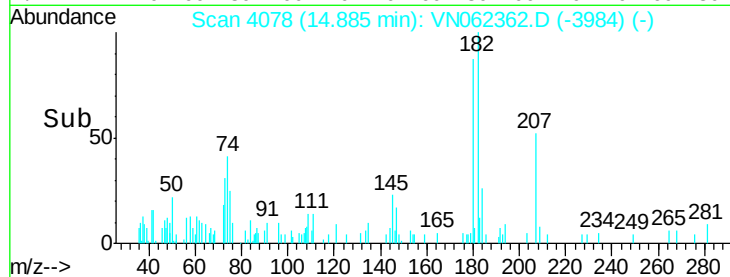
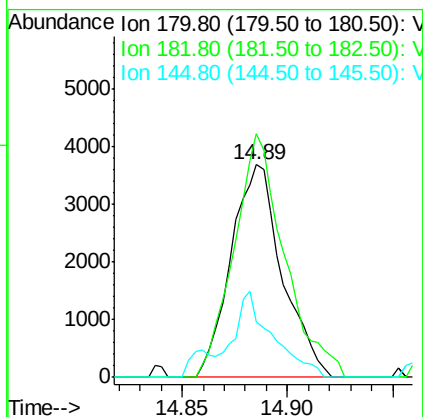
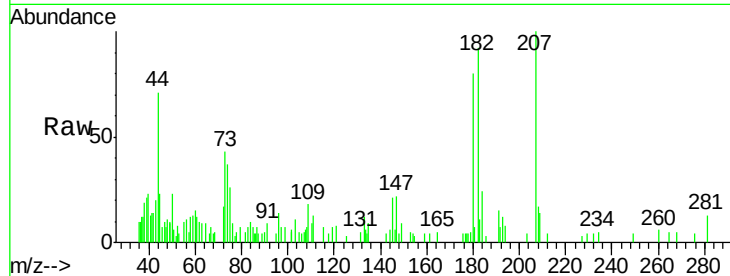
#93
 1,2,4-Trichlorobenzene
 Concen: 0.727 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	112.9	47.6	142.8
145	30.2	15.9	47.7

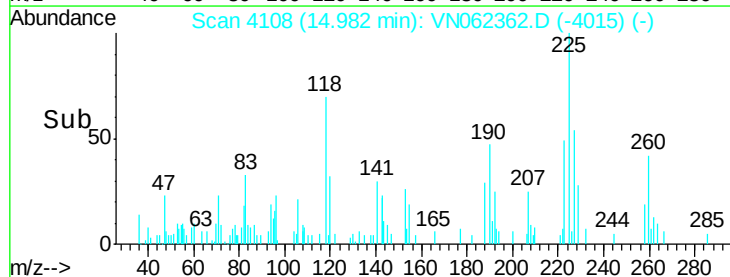
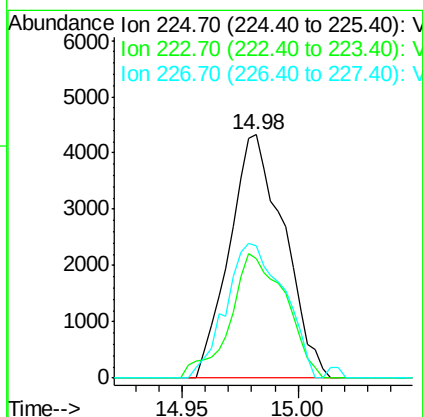
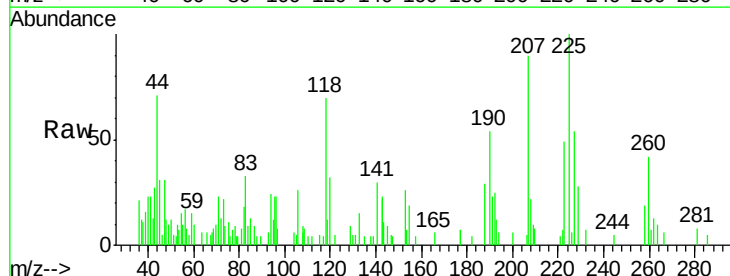
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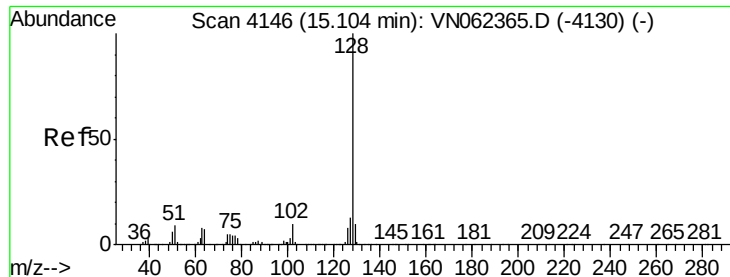
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 7/7/2020 10:08:16 AM



#94
 Hexachlorobutadiene
 Concen: 1.794 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062362.D
 Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	51.7	31.7	95.1
227	59.0	30.3	90.8





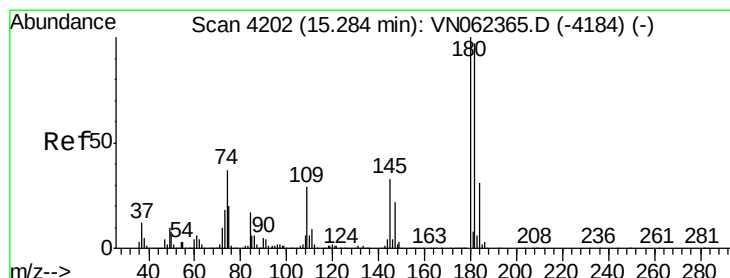
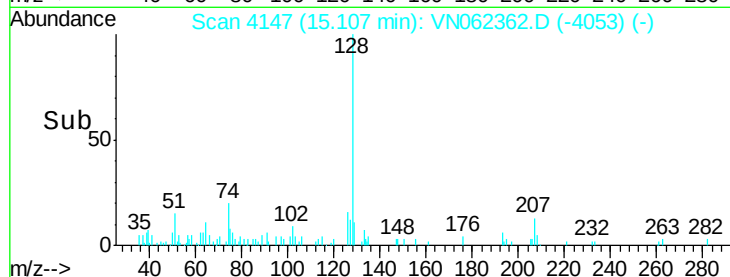
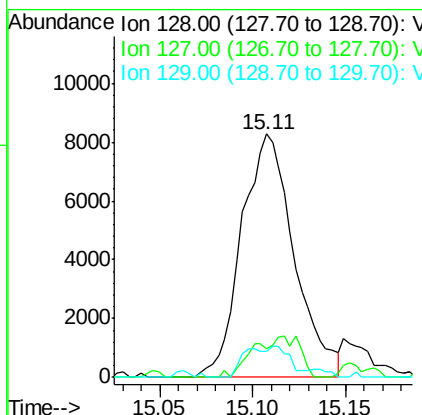
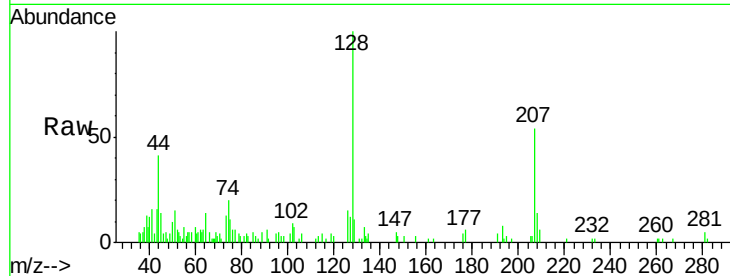
#95
Naphthalene
Concen: 0.667 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	6.1	10.8	16.2#
129	4.7	8.6	12.8#

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7/7/2020 10:08:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 0.952 ug/l
RT: 15.28 min Scan# 4201
Delta R.T. -0.00 min
Lab File: VN062362.D
Acq: 6 Jul 2020 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.7
145	31.1	16.4	49.2

