

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062993.D
 Acq On : 18 Aug 2020 18:41
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:46:06 PM

Quant Time: Aug 19 05:54:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	178805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	283537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96877	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	1781	0.841	ug/l	93
3) Chloromethane	2.04	50	2444	0.997	ug/l	97
4) Vinyl Chloride	2.16	62	2159	0.911	ug/l	92
6) Chloroethane	2.67	64	1353	0.967	ug/l #	83
7) Trichlorofluoromethane	2.98	101	3230	1.092	ug/l	97
8) Diethyl Ether	3.38	74	1213	1.160	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1863	1.169	ug/l	94
12) 1,1-Dichloroethene	3.69	96	1891	1.246	ug/l	92
14) Allyl chloride	4.27	41	3066	1.146	ug/l	93
15) Acrylonitrile	4.95	53	4285	4.857	ug/l #	85
16) Acetone	3.78	43	4917	6.814	ug/l	95
17) Carbon Disulfide	4.00	76	4523	1.138	ug/l #	95
18) Methyl Acetate	4.29	43	2677	1.271	ug/l #	66
19) Methyl tert-butyl Ether	4.99	73	5404	1.021	ug/l	96
20) Methylene Chloride	4.50	84	4476	1.881	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	1694	1.067	ug/l	86
22) Diisopropyl ether	5.90	45	5926	0.976	ug/l #	82
23) Vinyl Acetate	5.85	43	21481	5.242	ug/l	96
24) 1,1-Dichloroethane	5.80	63	3938	1.160	ug/l #	85
25) 2-Butanone	6.80	43	6003	5.336	ug/l	99
26) 2,2-Dichloropropane	6.78	77	3142	1.177	ug/l	85
27) cis-1,2-Dichloroethene	6.78	96	2146m	1.078	ug/l	
28) Bromochloromethane	7.15	49	1951	1.099	ug/l #	98
29) Tetrahydrofuran	7.18	42	3410	4.696	ug/l #	76
30) Chloroform	7.33	83	3690	1.080	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	3027	1.085	ug/l #	50
36) 1,1-Dichloropropene	7.75	75	2723	1.090	ug/l #	72
37) Ethyl Acetate	6.90	43	2454m	1.046	ug/l	
38) Carbon Tetrachloride	7.73	117	2663	1.056	ug/l	94
39) Methylcyclohexane	9.05	83	2448	0.829	ug/l #	87
40) Benzene	8.00	78	8223	1.038	ug/l	99
41) Methacrylonitrile	7.14	41	995m	0.892	ug/l	
42) 1,2-Dichloroethane	8.09	62	2726	1.024	ug/l	85
43) Isopropyl Acetate	8.13	43	3710	0.956	ug/l #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.81	130	2194	1.113	ug/l	94
45) 1,2-Dichloropropane	9.09	63	2515	1.098	ug/l #	83
46) Dibromomethane	9.18	93	1221	0.923	ug/l	91
47) Bromodichloromethane	9.37	83	2997	1.034	ug/l #	88
48) Methyl methacrylate	9.17	41	1578	0.860	ug/l	89
49) 1,4-Dioxane	9.17	88	514	14.368	ug/l #	81
51) 4-Methyl-2-Pentanone	9.96	43	11370	4.638	ug/l	95
52) Toluene	10.13	92	4474	0.936	ug/l	95
53) t-1,3-Dichloropropene	10.36	75	2851	0.951	ug/l	90
54) cis-1,3-Dichloropropene	9.81	75	3161	0.961	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	2151	1.052	ug/l	96
56) Ethyl methacrylate	10.40	69	2206	0.799	ug/l	96
57) 1,3-Dichloropropane	10.68	76	3530	1.040	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.66	63	2672	4.039	ug/l	97
59) 2-Hexanone	10.73	43	7534	4.405	ug/l	86
60) Dibromochloromethane	10.88	129	2284	1.010	ug/l	99
61) 1,2-Dibromoethane	10.98	107	1808	0.921	ug/l #	77
64) Tetrachloroethene	10.60	164	1909	1.117	ug/l	95
65) Chlorobenzene	11.41	112	5792	1.109	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	2342	1.153	ug/l #	61
67) Ethyl Benzene	11.49	91	8138	0.922	ug/l	95
68) m/p-Xylenes	11.60	106	5653	1.724	ug/l	99
69) o-Xylene	11.92	106	2699	0.857	ug/l	96
70) Styrene	11.94	104	4085	0.756	ug/l	97
71) Bromoform	12.10	173	1588	0.982	ug/l #	87
73) Isopropylbenzene	12.23	105	7050	1.063	ug/l	98
74) N-amyl acetate	12.05	43	2044	0.860	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.48	83	3176	1.342	ug/l #	94
76) 1,2,3-Trichloropropane	12.53	75	1997m	1.047	ug/l	
77) Bromobenzene	12.50	156	2111	1.157	ug/l	88
78) n-propylbenzene	12.57	91	6802	0.900	ug/l	99
79) 2-Chlorotoluene	12.65	91	5276	1.109	ug/l	91
80) 1,3,5-Trimethylbenzene	12.71	105	4974	0.907	ug/l	99
82) 4-Chlorotoluene	12.75	91	4908	1.013	ug/l	97
83) tert-Butylbenzene	12.97	119	4603	0.972	ug/l	94
84) 1,2,4-Trimethylbenzene	13.02	105	4493	0.841	ug/l	98
85) sec-Butylbenzene	13.15	105	5777	0.903	ug/l	94
86) p-Isopropyltoluene	13.26	119	4850	0.870	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	3354	1.070	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	3615m	1.136	ug/l	
89) n-Butylbenzene	13.59	91	4384	0.932	ug/l	91
90) Hexachloroethane	13.85	117	1407	1.188	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	3195	1.055	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	252	0.754	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	846	0.639	ug/l #	86
94) Hexachlorobutadiene	14.98	225	1397	1.248	ug/l	94
95) Naphthalene	15.11	128	1915	0.649	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.30	180	912	0.686	ug/l	72

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VSTDICC001

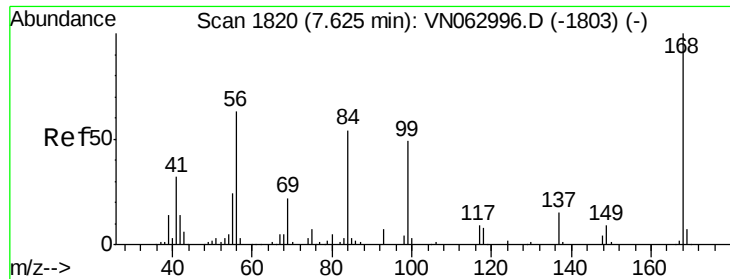
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 178805

Ion Ratio Lower Upper

168 100

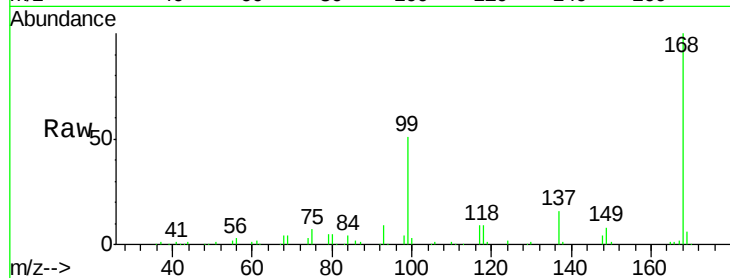
99 50.5 42.0 63.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

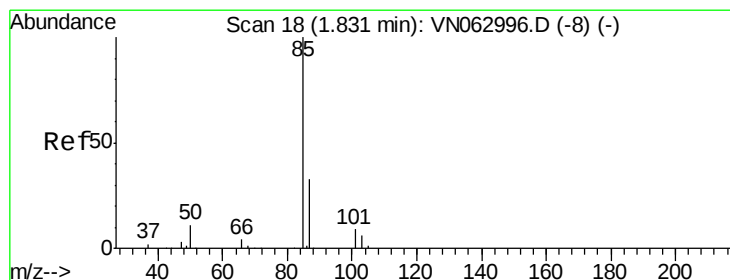
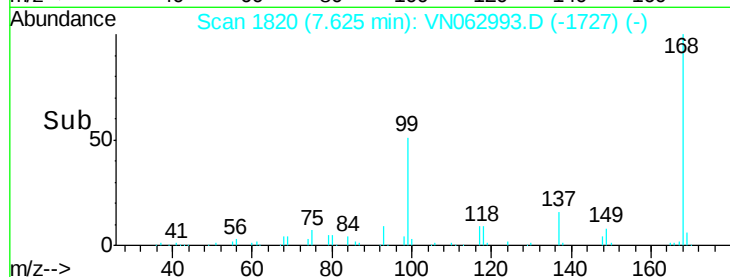
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.841 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062993.D

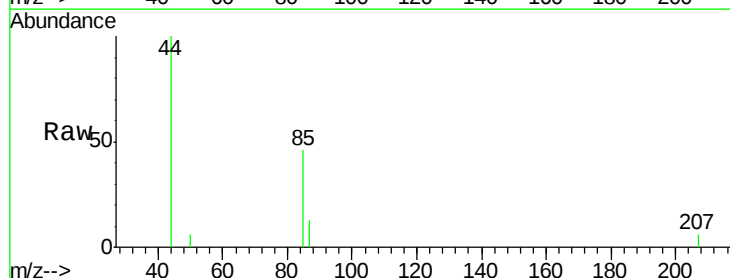
Acq: 18 Aug 2020 18:41

Tgt Ion: 85 Resp: 1781

Ion Ratio Lower Upper

85 100

87 28.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

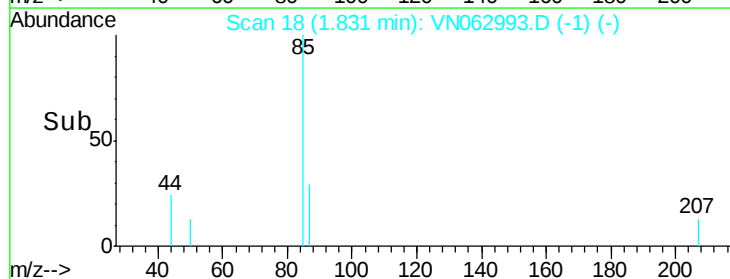
1.83

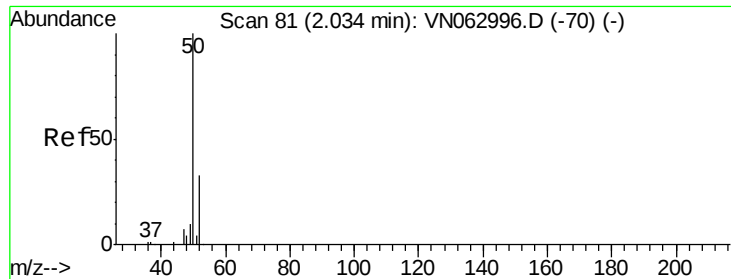
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.997 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2444

Ion Ratio Lower Upper

50 100

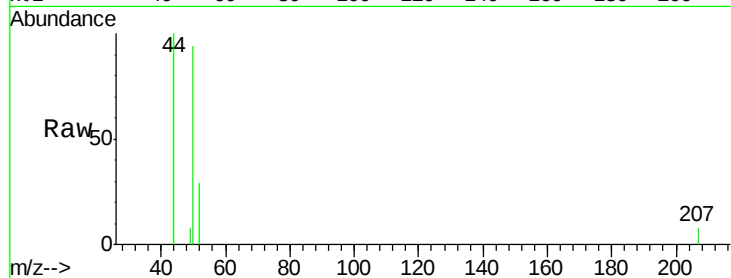
52 30.8 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

2000

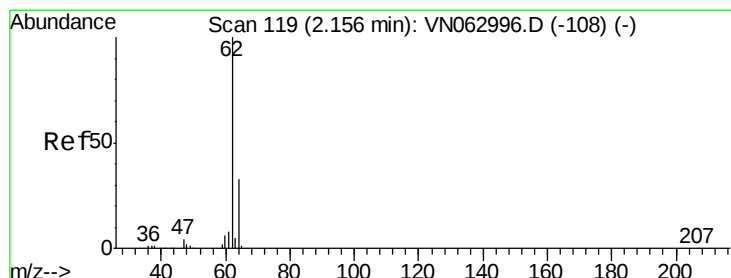
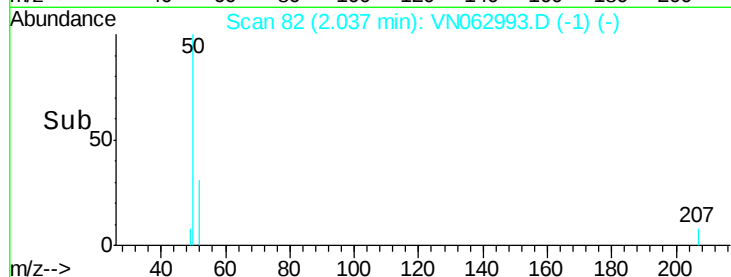
1500

1000

500

0

Time-->



#4

Vinyl Chloride

Concen: 0.911 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062993.D

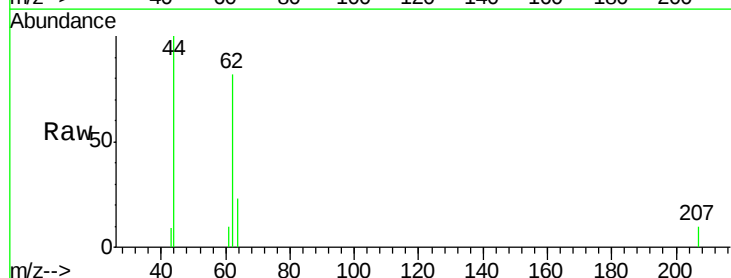
Acq: 18 Aug 2020 18:41

Tgt Ion: 62 Resp: 2159

Ion Ratio Lower Upper

62 100

64 28.5 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

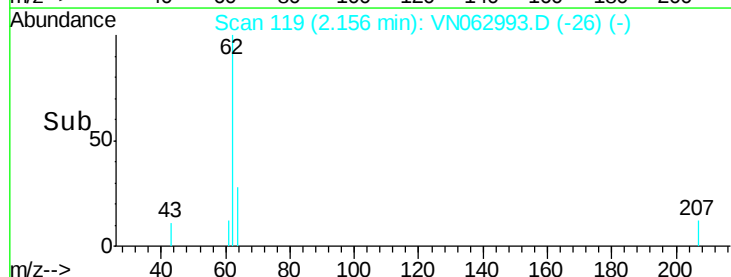
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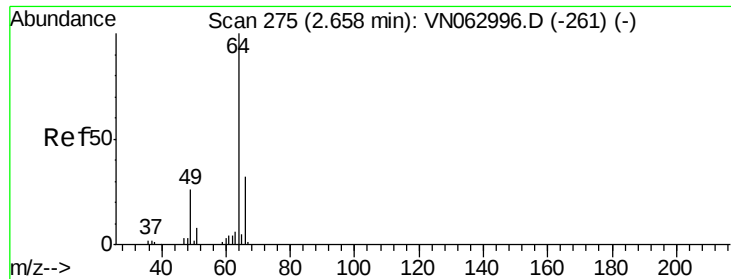
1000

500

0

Time-->





#6

Chloroethane

Concen: 0.967 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1353

Ion Ratio Lower Upper

64 100

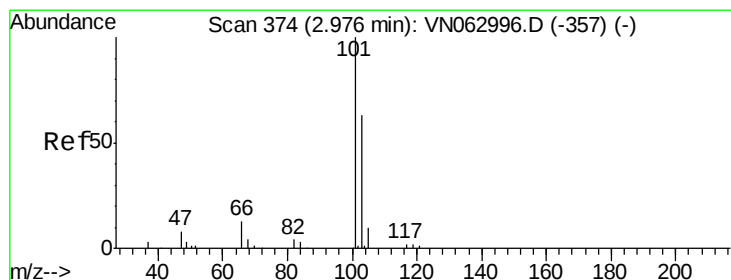
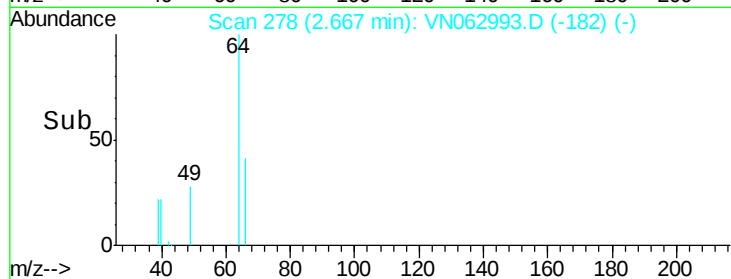
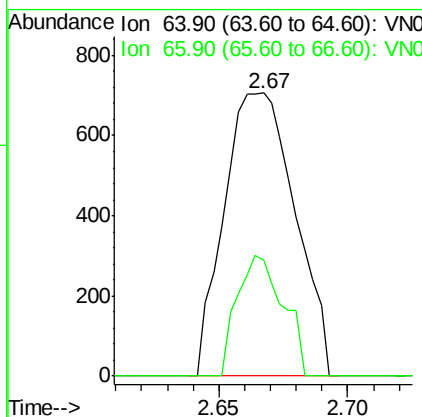
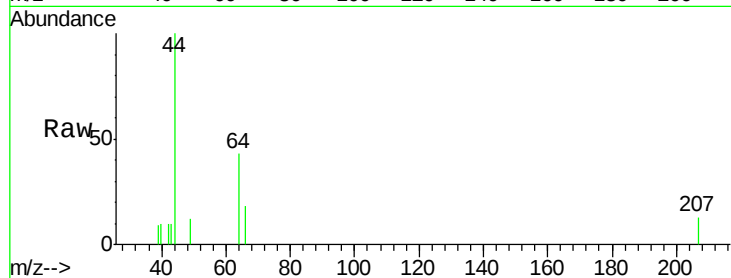
66 41.1 25.4 38.0#

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.092 ug/l

RT: 2.98 min Scan# 376

Delta R.T. 0.01 min

Lab File: VN062993.D

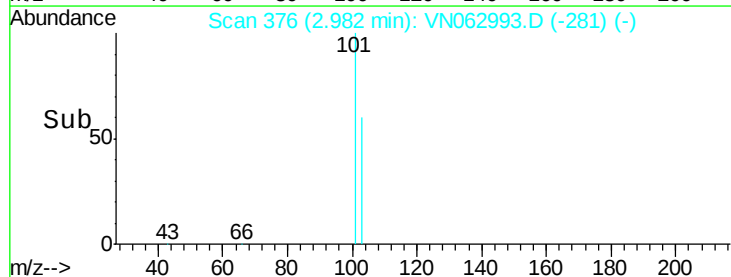
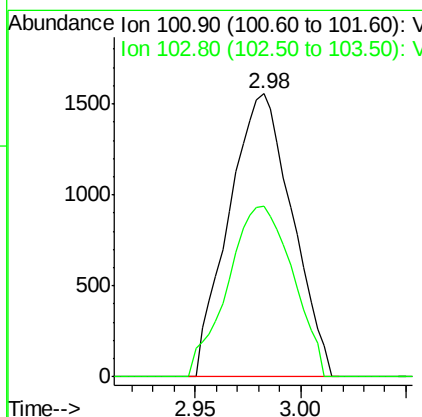
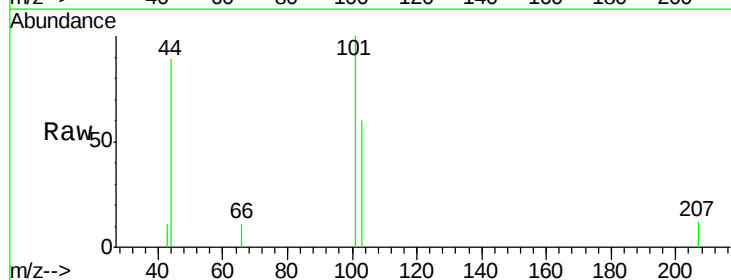
Acq: 18 Aug 2020 18:41

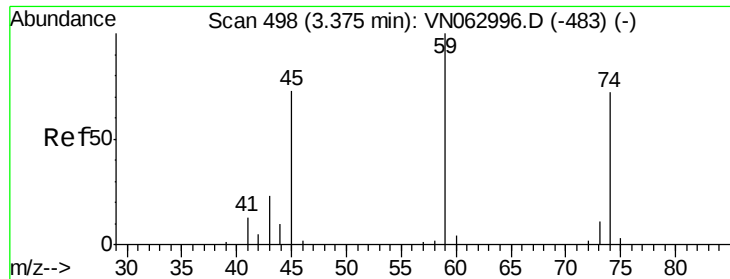
Tgt Ion: 101 Resp: 3230

Ion Ratio Lower Upper

101 100

103 60.5 50.5 75.7





#8

Diethyl Ether

Concen: 1.160 ug/l

RT: 3.38 min Scan# 500

Delta R.T. 0.01 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1213

Ion Ratio Lower Upper

74 100

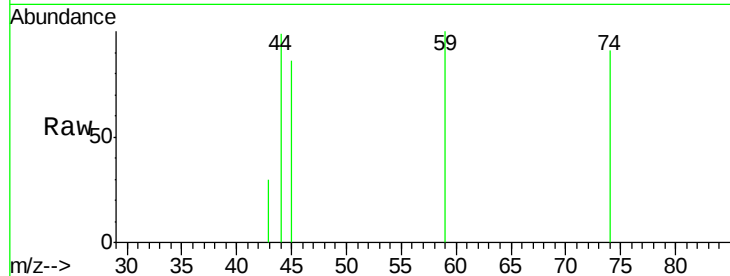
45 106.8 49.9 149.7

Manual Integrations

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Abundance Ion 74.00 (73.70 to 74.70): VN062993.D (-483) (-)

Ion 45.00 (44.70 to 45.70): VN062993.D (-483) (-)

3.38

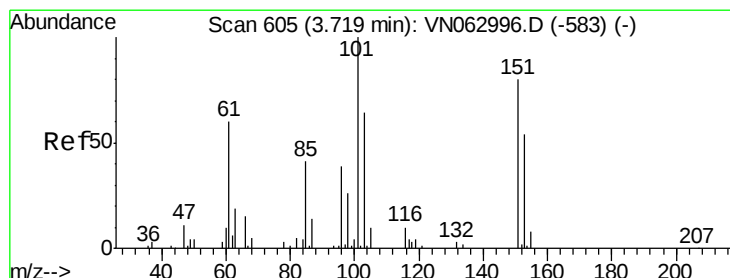
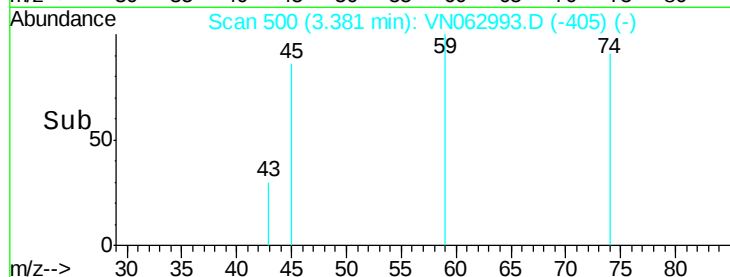
600

400

200

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.169 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

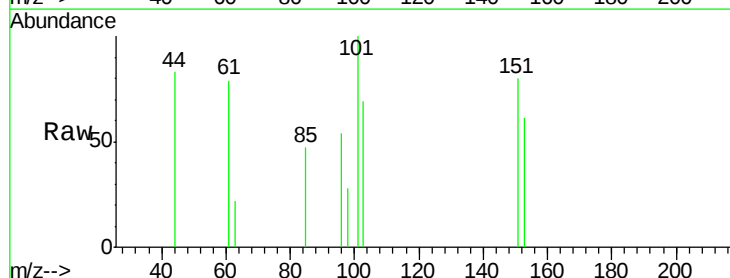
Tgt Ion: 101 Resp: 1863

Ion Ratio Lower Upper

101 100

85 37.8 34.0 51.0

151 86.6 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): VN062993.D (-512) (-)

Ion 84.90 (84.60 to 85.60): VN062993.D (-512) (-)

Ion 150.80 (150.50 to 151.50): VN062993.D (-512) (-)

800

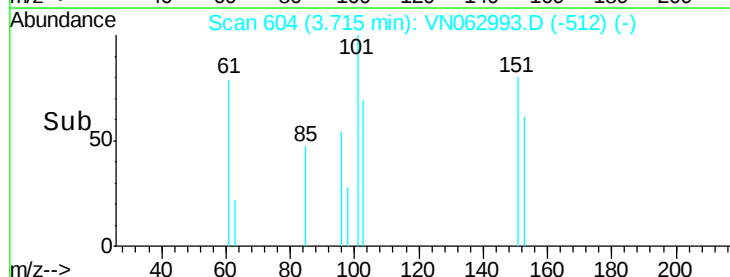
600

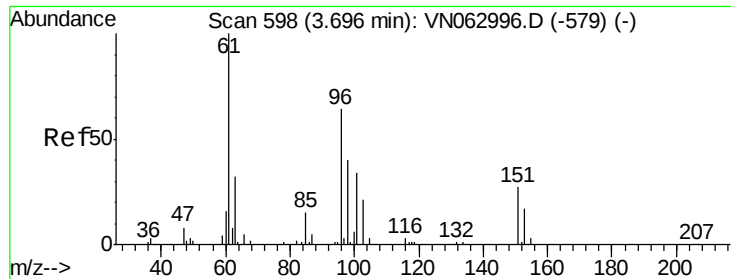
400

200

0

Time-->





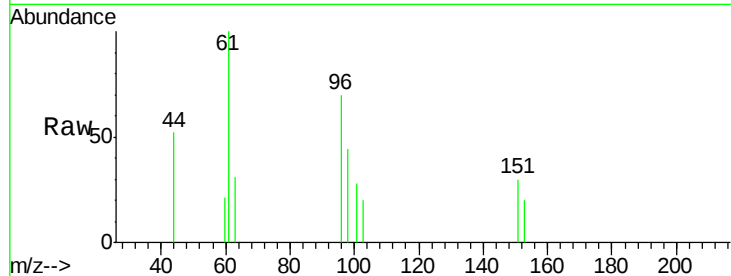
#12
1,1-Dichloroethene
Concen: 1.246 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	125.5	188.3
98	63.2	50.4	75.6

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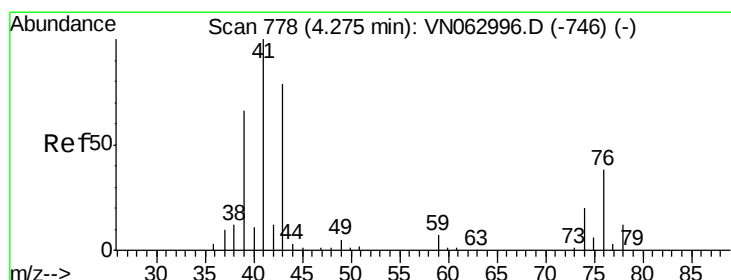
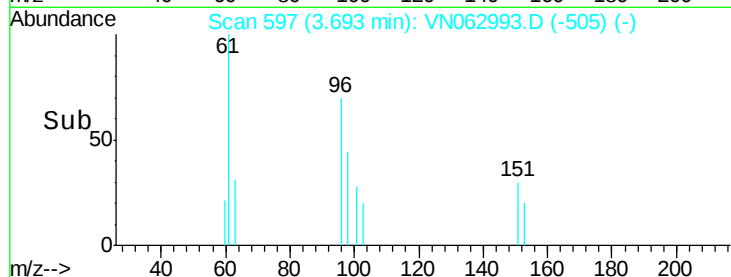
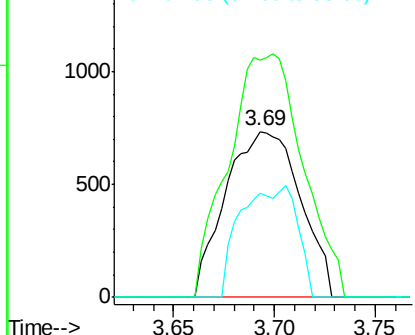
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Abundance Ion 95.90 (95.60 to 96.60): VN062993.D (-579) (-)

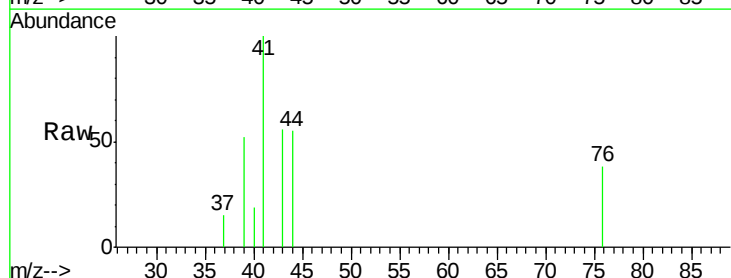
Ion 60.90 (60.60 to 61.60): VN062993.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN062993.D (-579) (-)



#14
Allyl chloride
Concen: 1.146 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

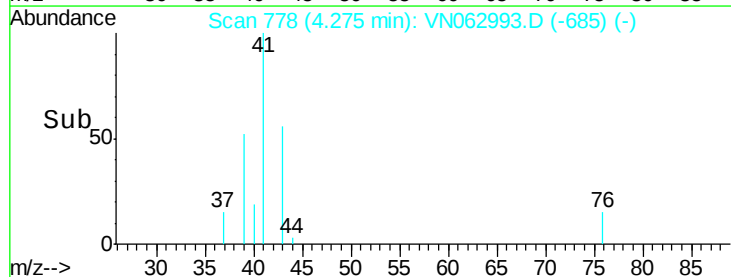
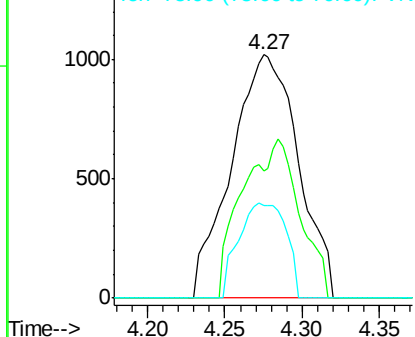
Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.9	47.9	71.9
76	27.3	27.0	40.6

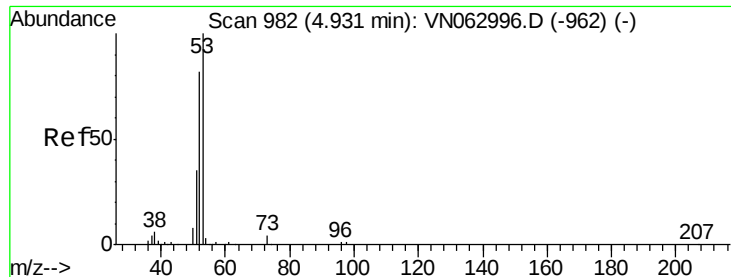


Abundance Ion 41.00 (40.70 to 41.70): VN062993.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062993.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062993.D (-685) (-)





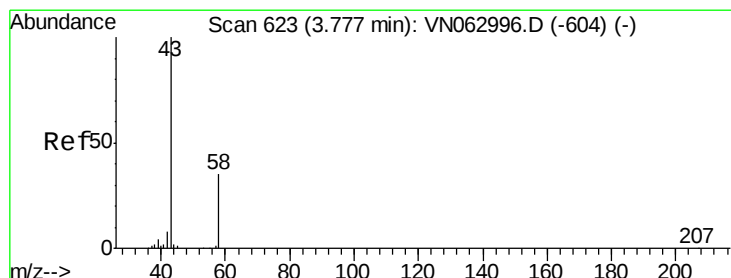
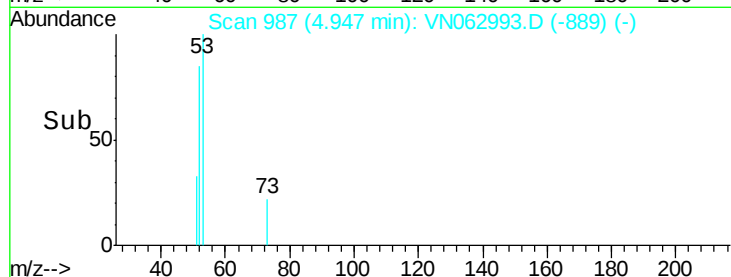
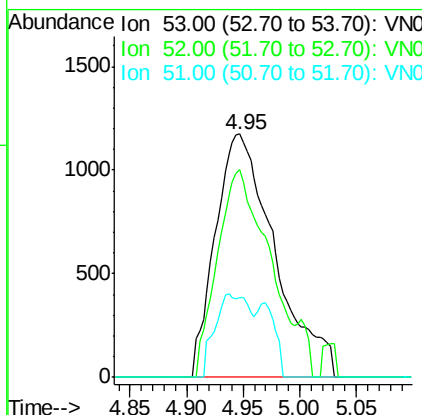
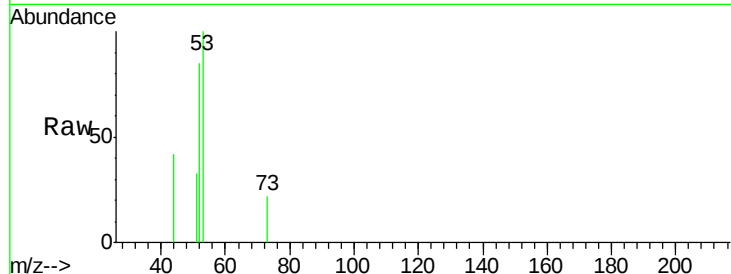
#15
 Acrylonitrile
 Concen: 4.857 ug/l
 RT: 4.95 min Scan# 987
 Delta R.T. 0.02 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	72.9	65.6	98.4
51	20.3	28.2	42.4#

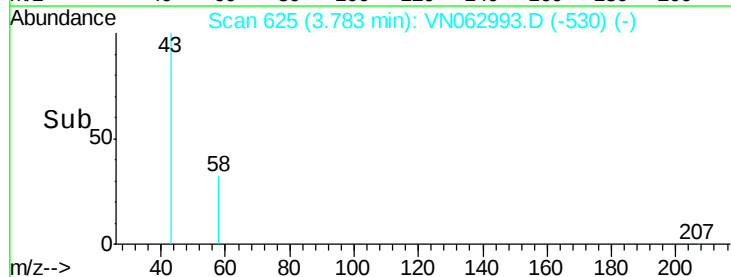
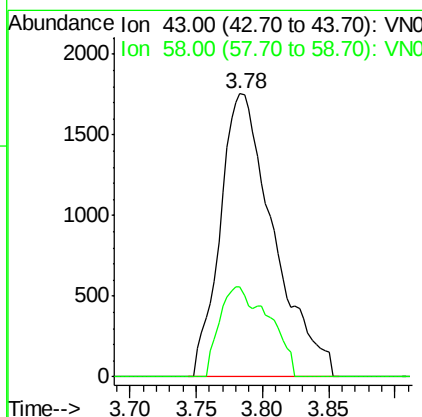
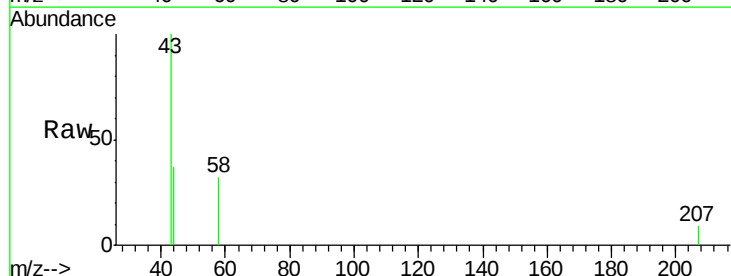
Manual Integrations
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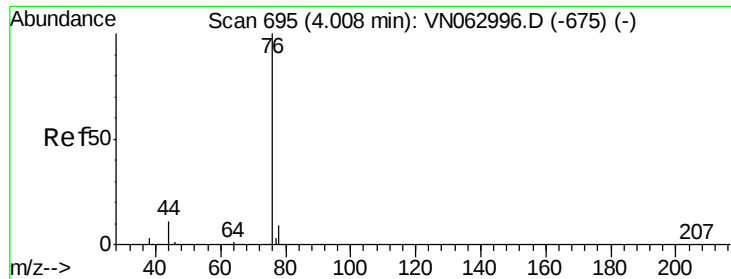
MMDadoda
 8/19/2020 5:46:06 PM



#16
 Acetone
 Concen: 6.814 ug/l
 RT: 3.78 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	27.8	41.6





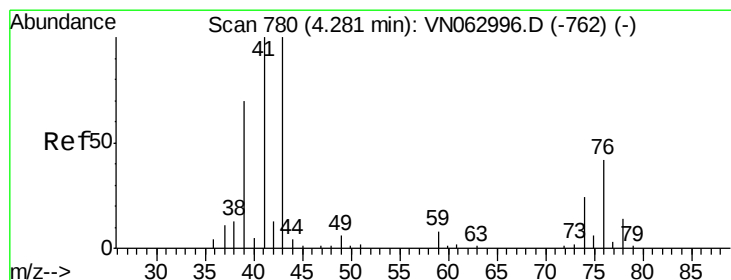
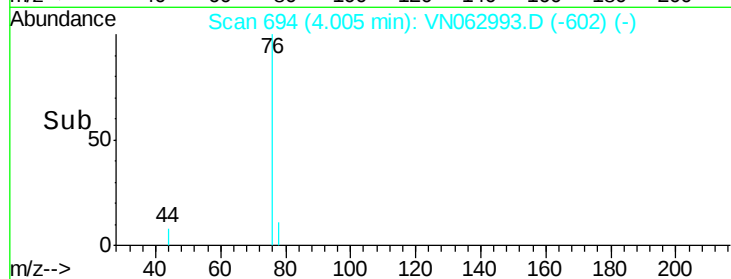
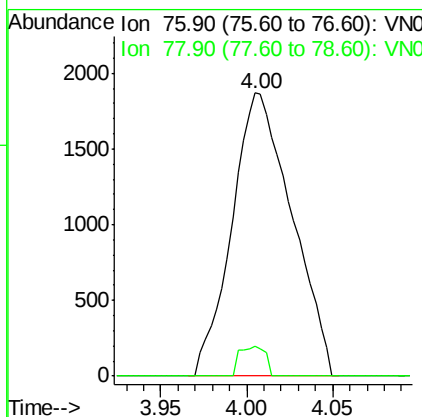
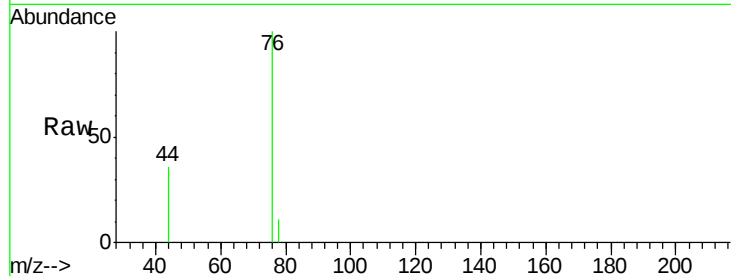
#17
Carbon Disulfide
Concen: 1.138 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.5	6.9	10.3#

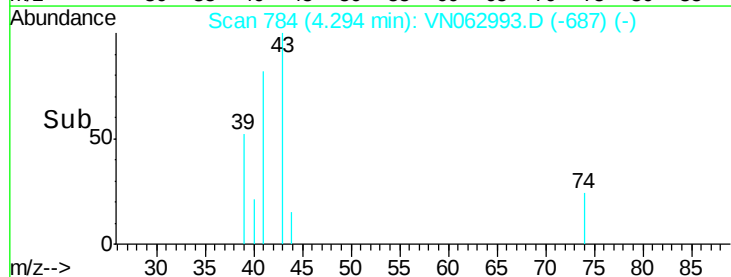
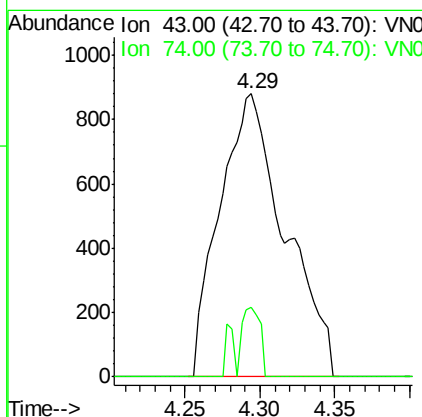
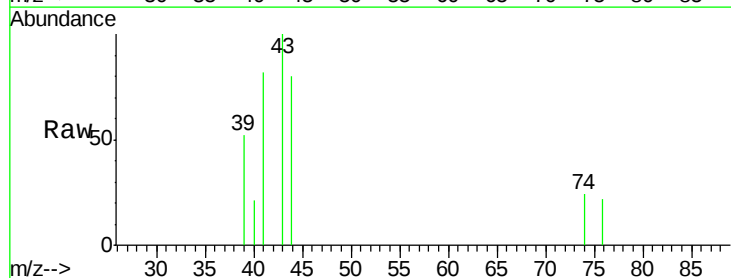
Manual Integrations
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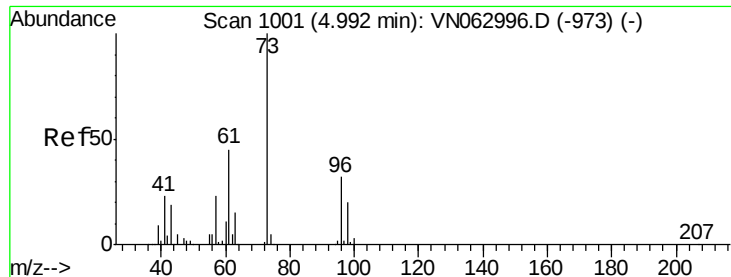
MMDadoda
8/19/2020 5:46:06 PM



#18
Methyl Acetate
Concen: 1.271 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	6.8	18.6	28.0#





#19

Methyl tert-butyl Ether

Concen: 1.021 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 73 Resp: 5404

Ion Ratio Lower Upper

73 100

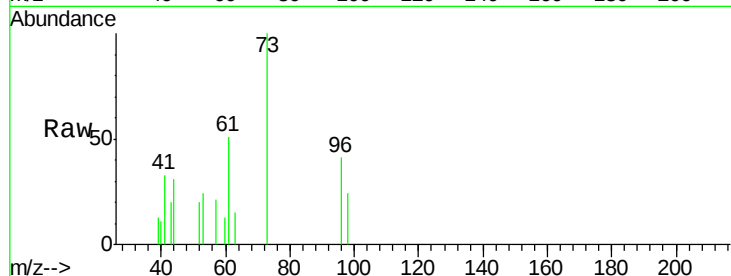
57 20.7 18.1 27.1

Manual Integrations

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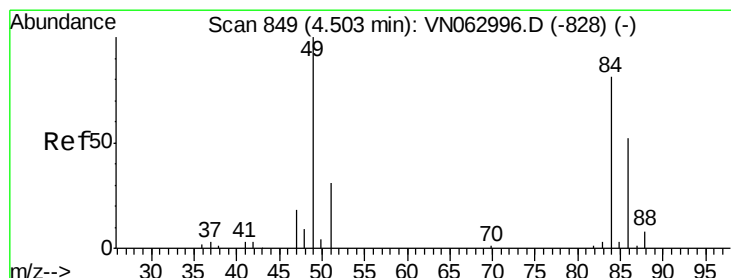
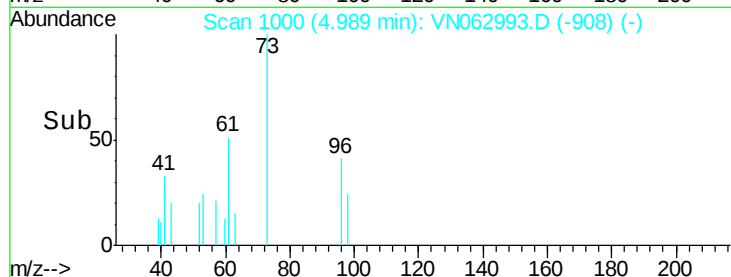
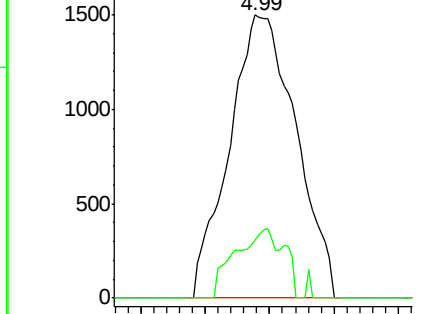
MMDadoda

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Abundance Ion 73.00 (72.70 to 73.70): VN062993.D (-973) (-)

Ion 57.00 (56.70 to 57.70): VN062993.D (-973) (-)



#20

Methylene Chloride

Concen: 1.881 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Tgt Ion: 84 Resp: 4476

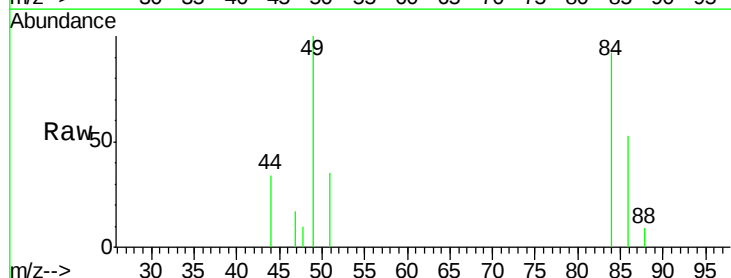
Ion Ratio Lower Upper

84 100

49 108.6 98.7 148.1

51 38.2 30.8 46.2

86 57.1 51.2 76.8

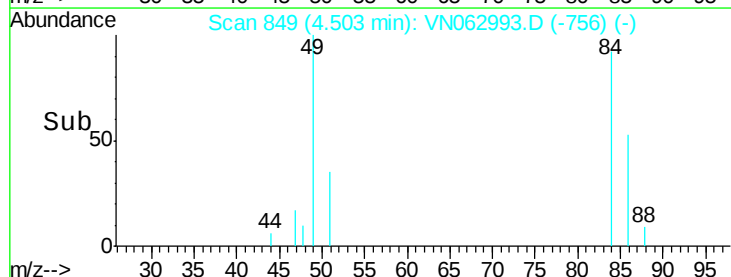
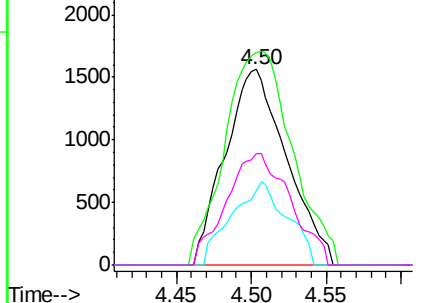


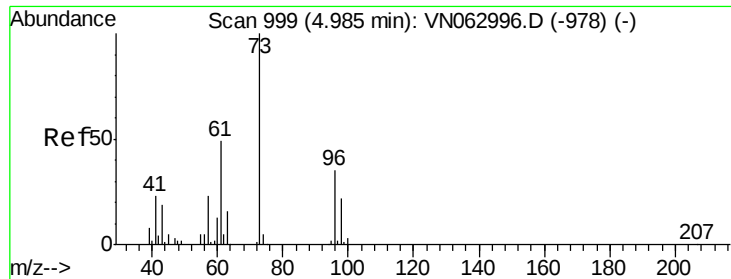
Abundance Ion 83.90 (83.60 to 84.60): VN062993.D (-828) (-)

Ion 48.90 (48.60 to 49.60): VN062993.D (-828) (-)

Ion 50.90 (50.60 to 51.60): VN062993.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN062993.D (-828) (-)





#21

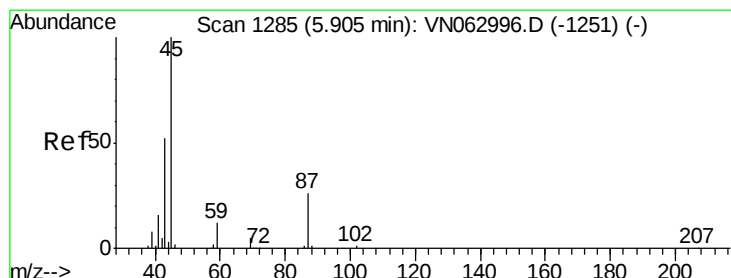
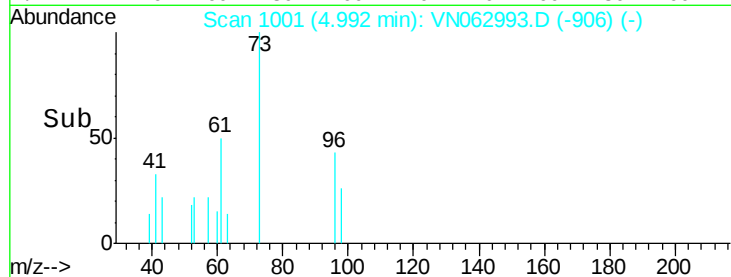
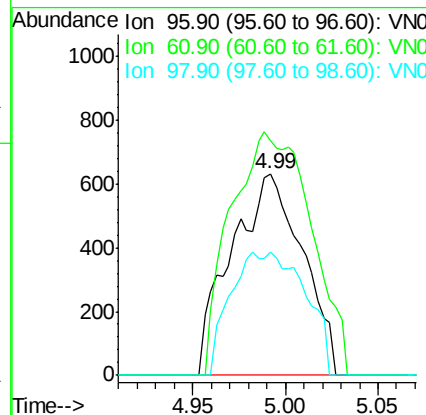
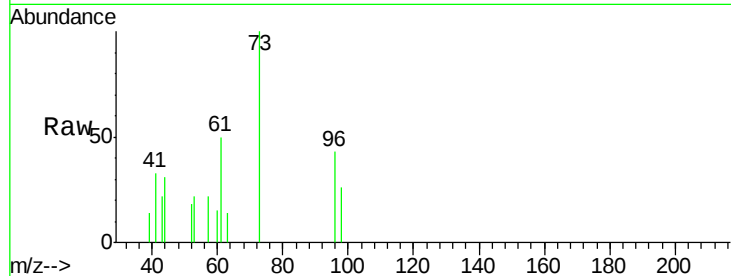
trans-1,2-Dichloroethene
Concen: 1.067 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.8	112.5	168.7
98	61.4	49.4	74.0

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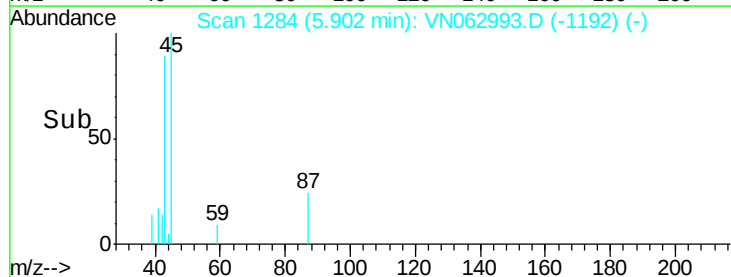
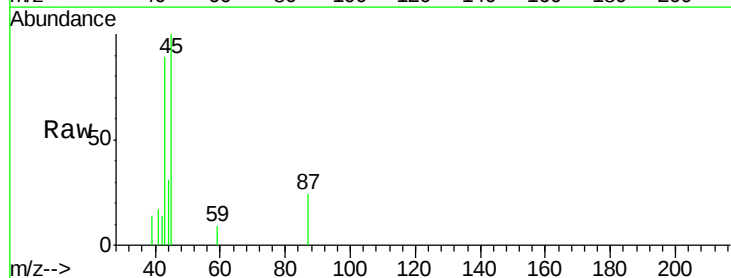
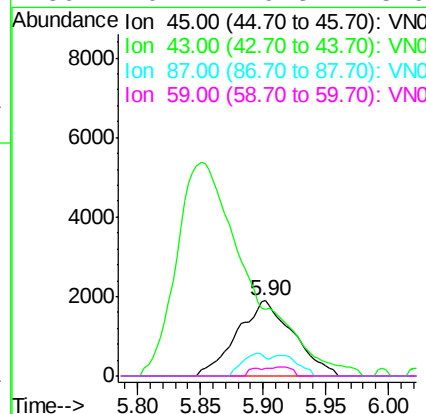
MMDadoda
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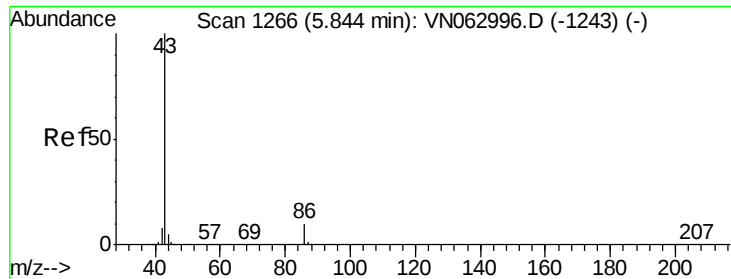


#22

Diisopropyl ether
Concen: 0.976 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.8	45.7	68.5#
87	24.0	21.8	32.6
59	9.4	9.3	13.9





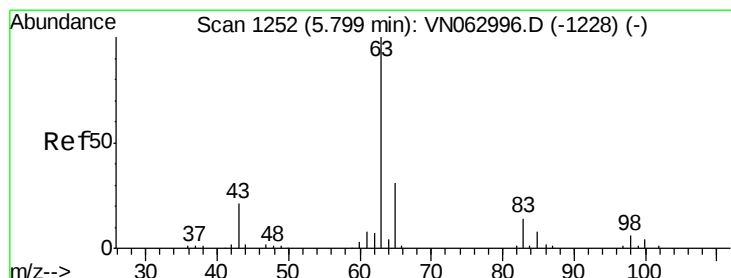
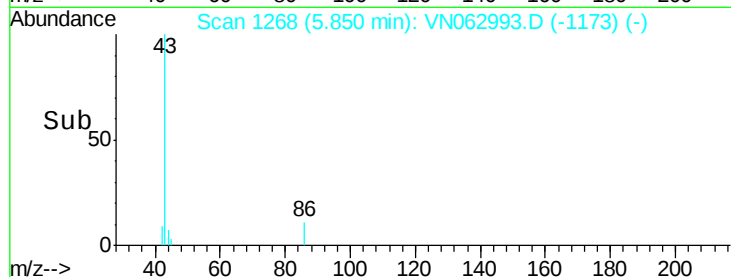
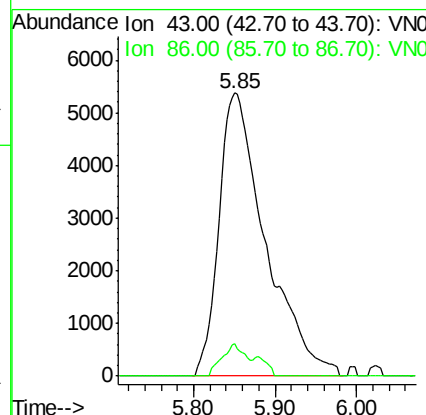
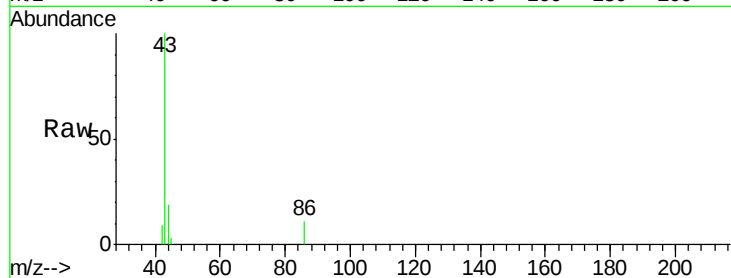
#23
 Vinyl Acetate
 Concen: 5.242 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 43 Resp: 21481
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.0 12.0

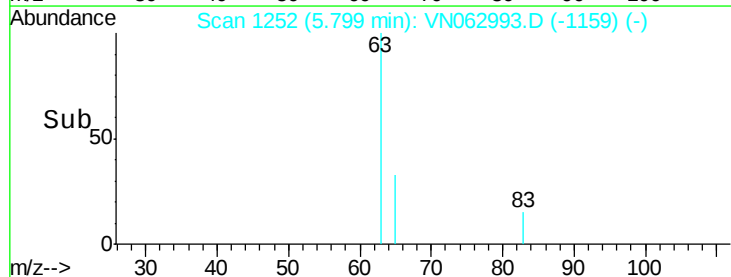
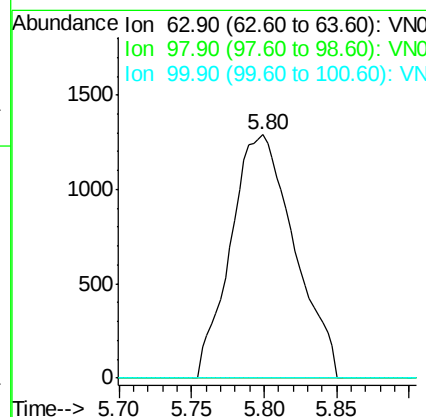
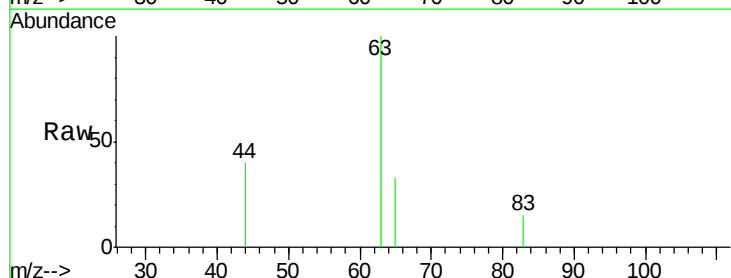
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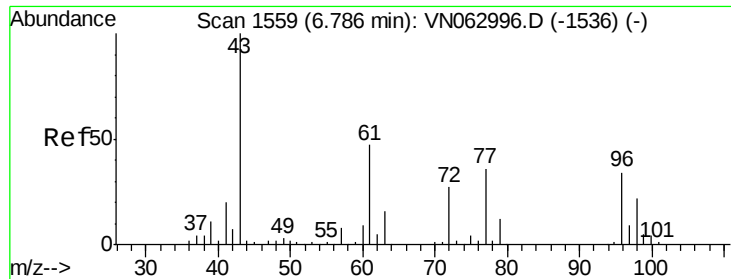
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 1.160 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion: 63 Resp: 3938
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.7#
 100 0.0 2.0 5.8#





#25

2-Butanone

Concen: 5.336 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 6003

Ion Ratio Lower Upper

43 100

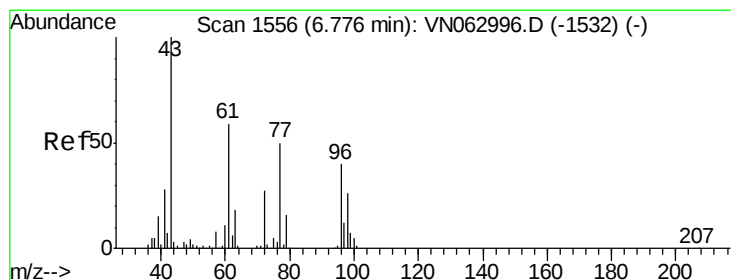
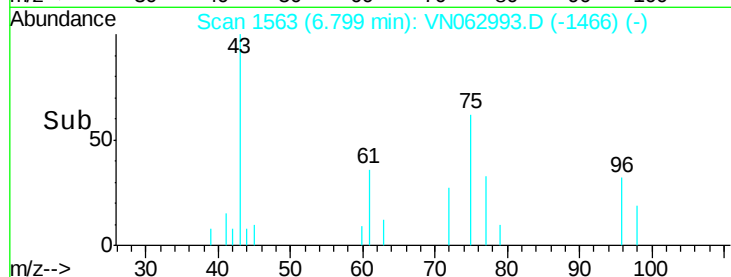
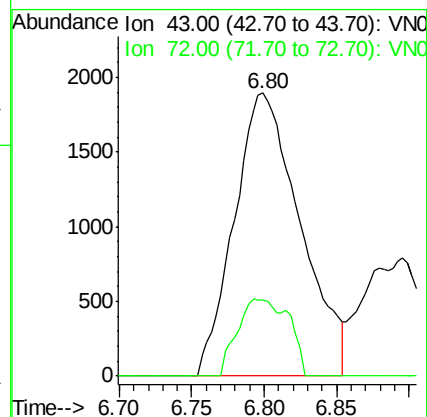
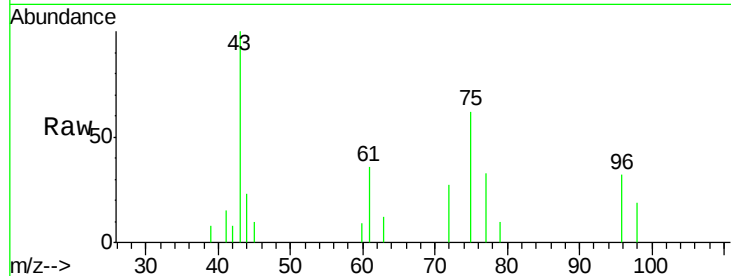
72 26.8 21.8 32.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.177 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062993.D

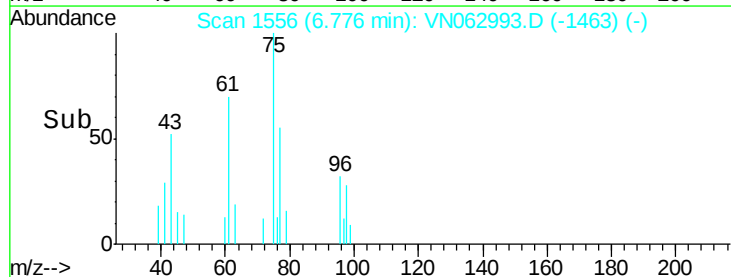
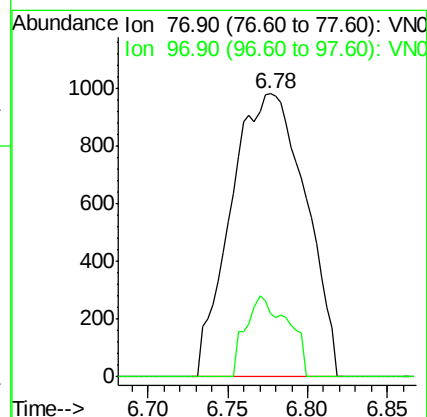
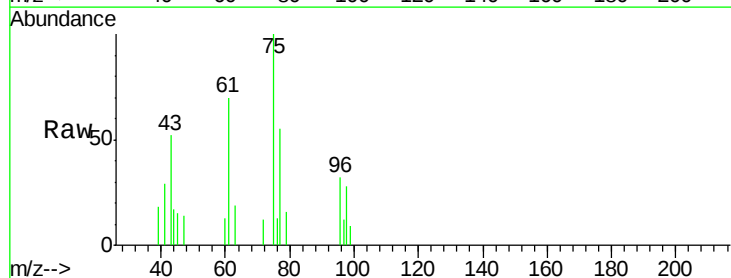
Acq: 18 Aug 2020 18:41

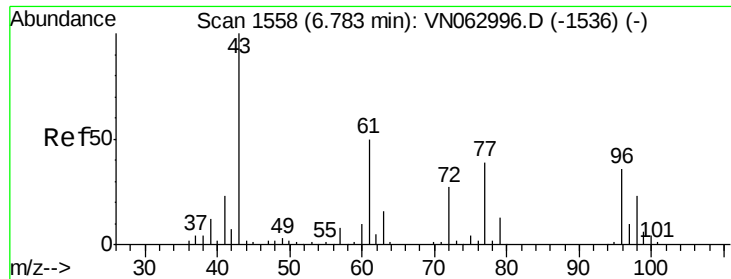
Tgt Ion: 77 Resp: 3142

Ion Ratio Lower Upper

77 100

97 16.2 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 1.078 ug/l m

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

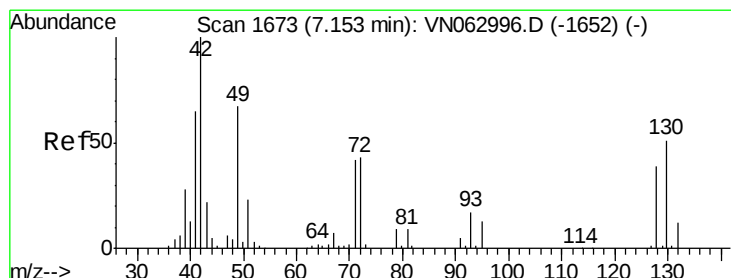
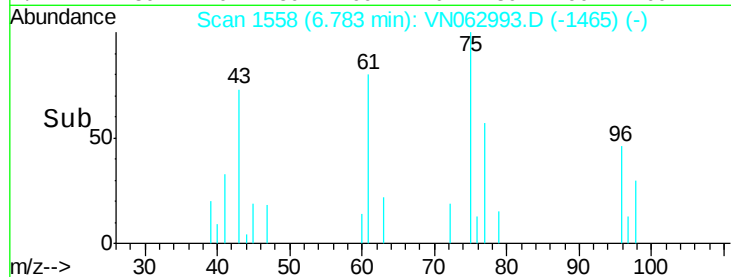
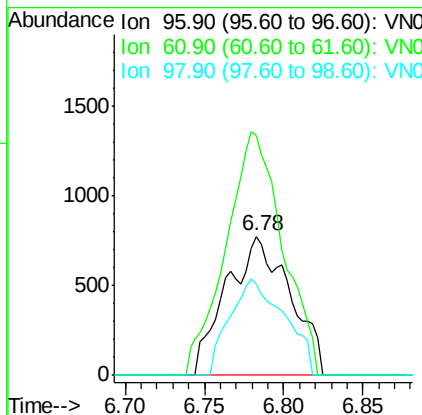
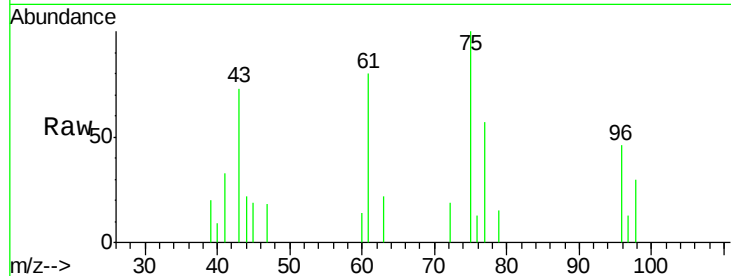
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2146
Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	292.8
98	59.5	0.0	130.6

Manual Integrations
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#28

Bromochloromethane

Concen: 1.099 ug/l

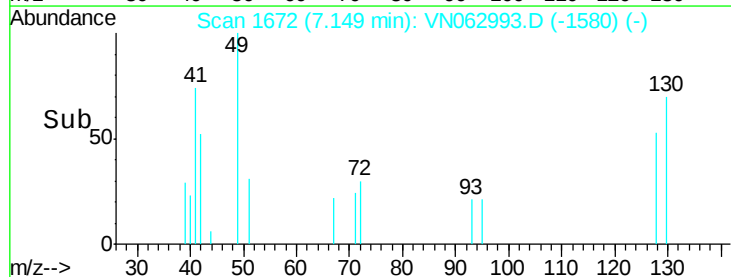
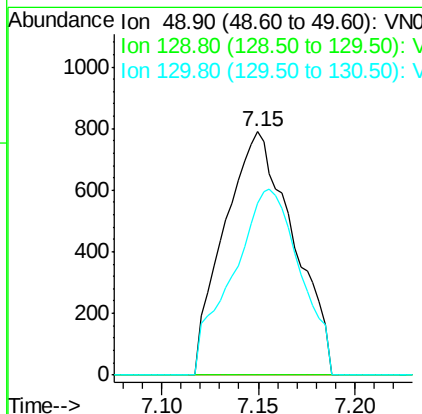
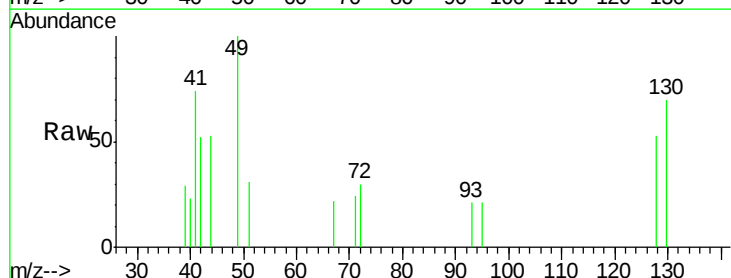
RT: 7.15 min Scan# 1672

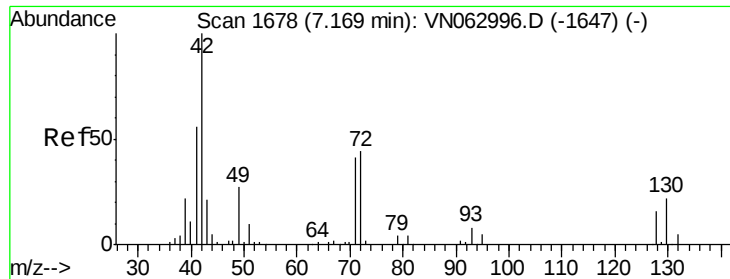
Delta R.T. -0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Tgt Ion:	49	Resp:	1951
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	75.1	61.1	91.7





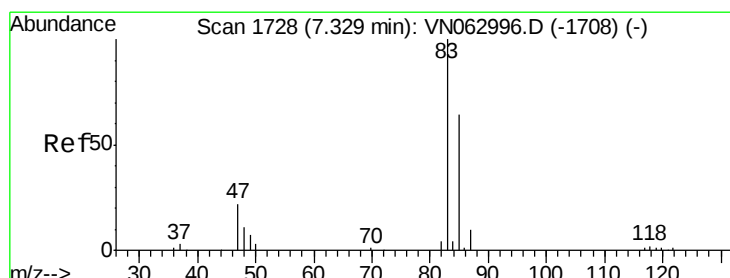
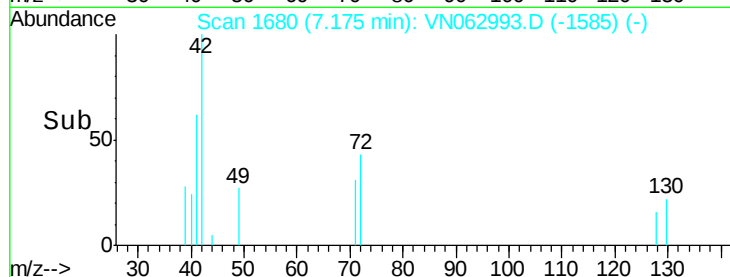
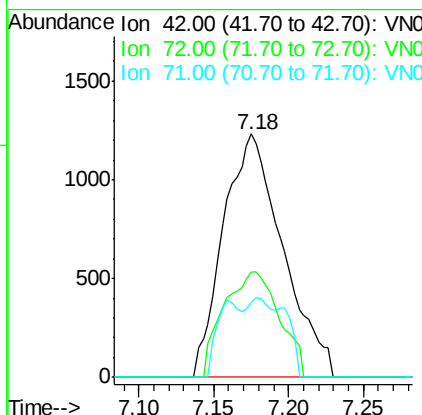
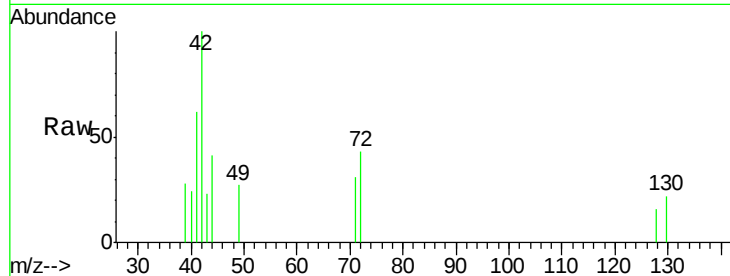
#29
Tetrahydrofuran
Concen: 4.696 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	34.6	52.0
71	12.8	32.3	48.5

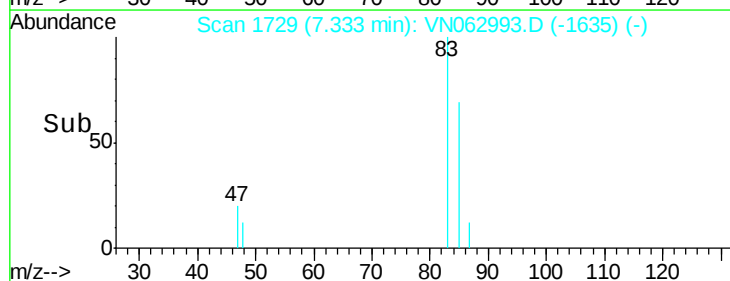
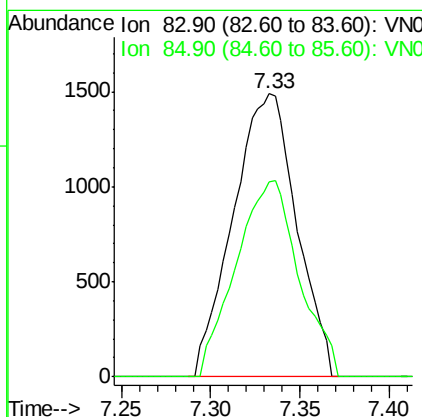
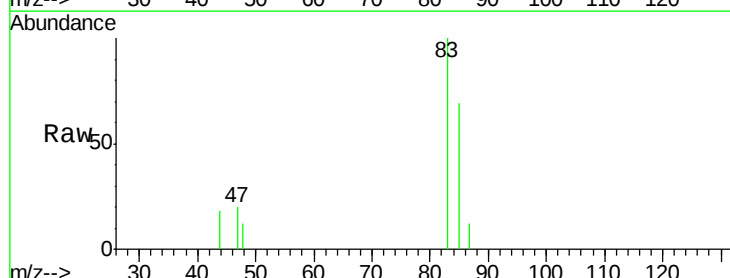
Manual Integrations
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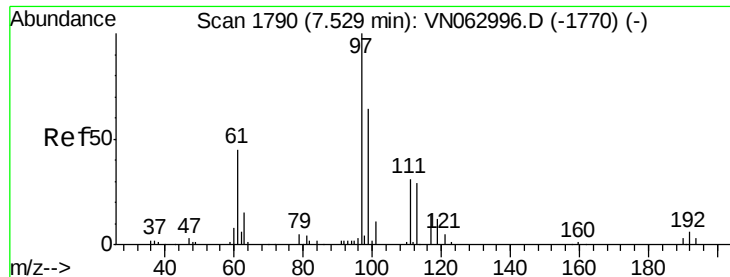
MMDadoda
8/19/2020 5:46:06 PM



#30
Chloroform
Concen: 1.080 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.9	51.5	77.3





#32

1,1,1-Trichloroethane

Concen: 1.085 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 3027

Ion Ratio Lower Upper

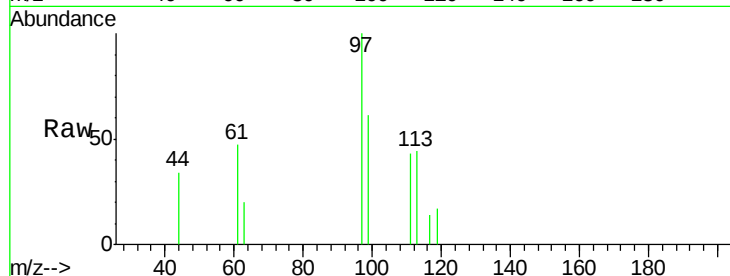
97 100

99 0.0 52.0 78.0#

61 43.6 36.2 54.4

Manual Integrations
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MMDadoda
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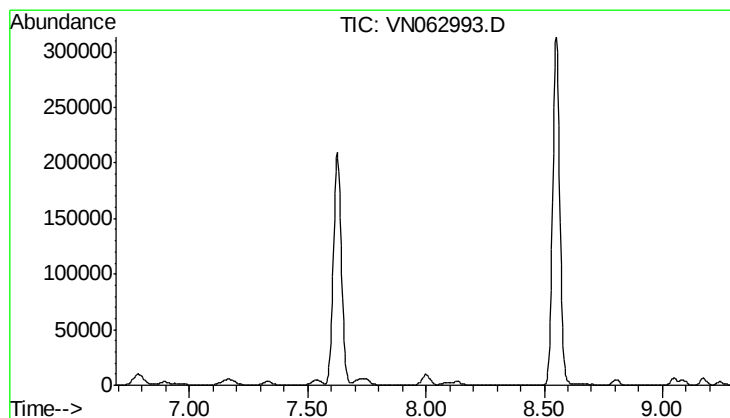
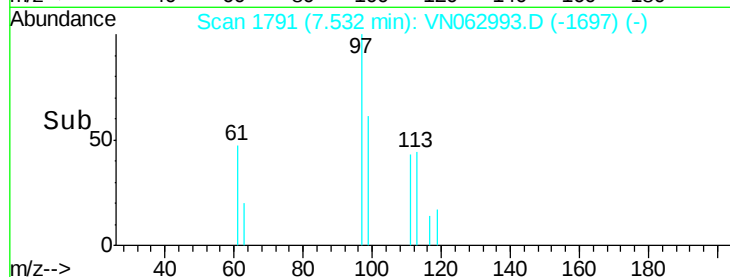
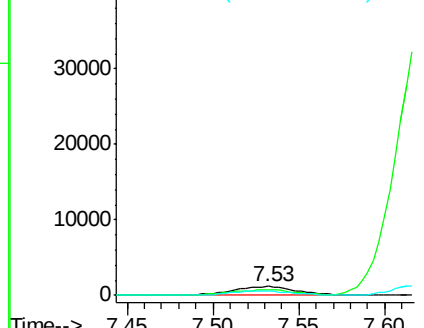


Abundance

Ion 96.90 (96.60 to 97.60): VN062993.D

Ion 98.90 (98.60 to 99.60): VN062993.D

Ion 60.90 (60.60 to 61.60): VN062993.D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN062993.D

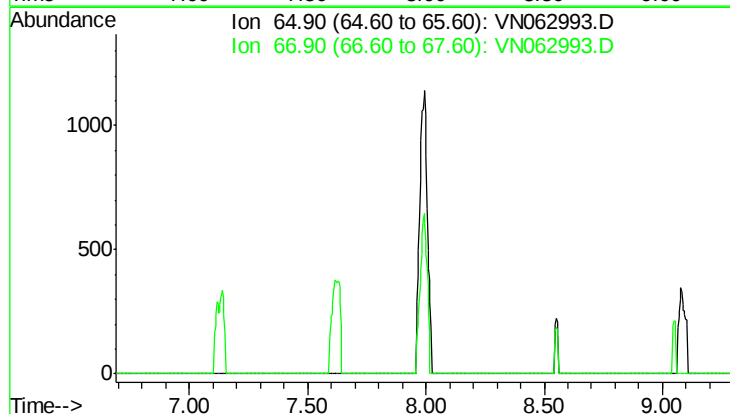
Acq: 18 Aug 2020 18:41

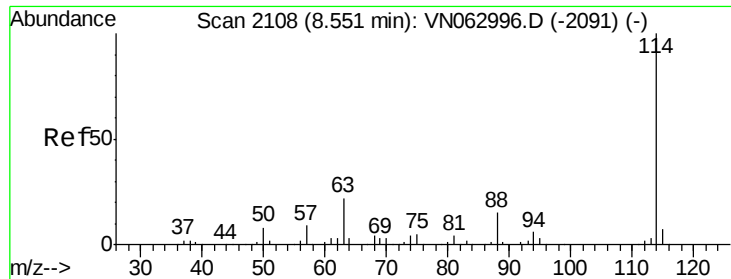
Tgt Ion: 65

Sig Exp Ratio

65 100

67 56.0





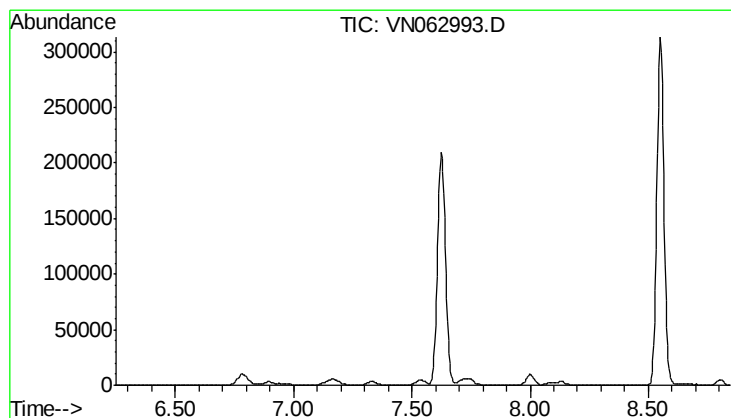
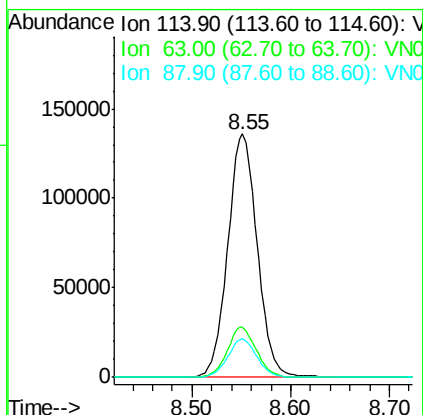
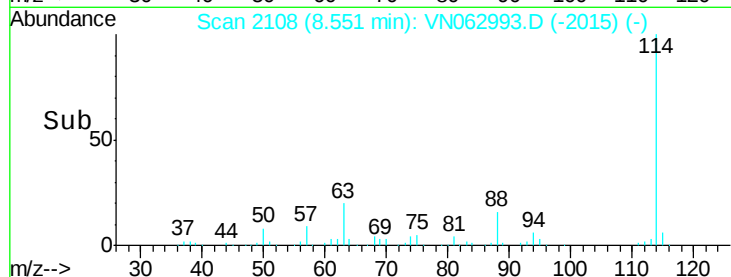
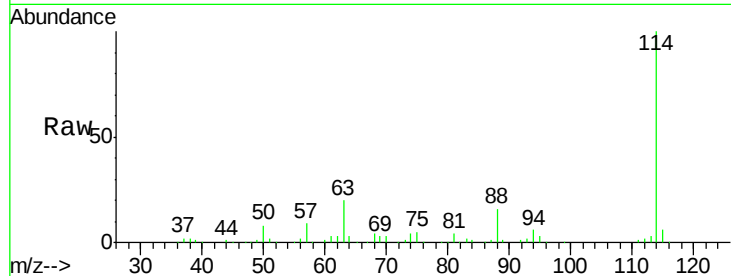
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.5	0.0	43.2
88	15.7	0.0	30.6

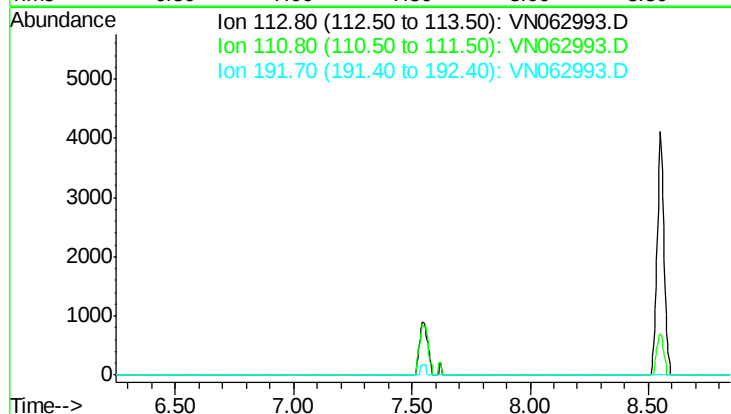
Manual Integrations
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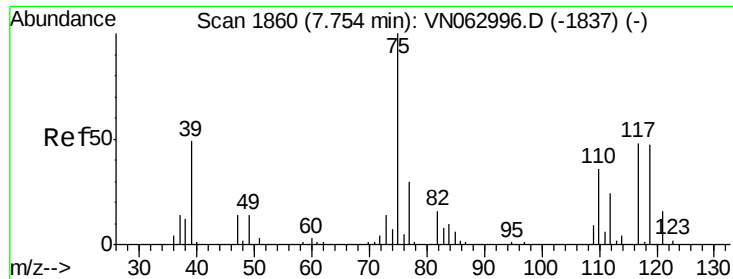
MMDadoda
 8/19/2020 5:46:06 PM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Exp Ratio
113	100
111	102.1
192	21.9





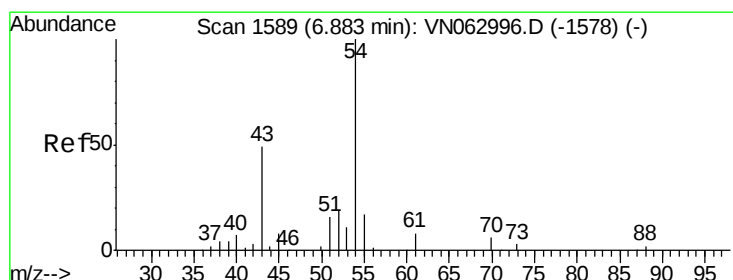
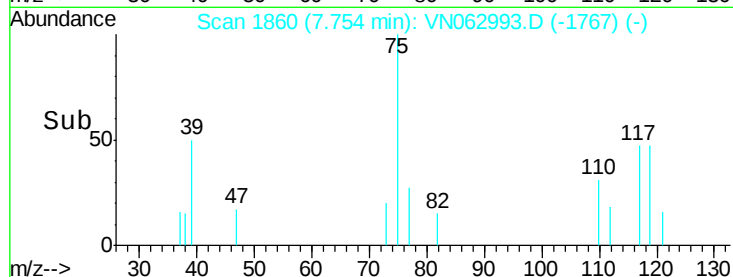
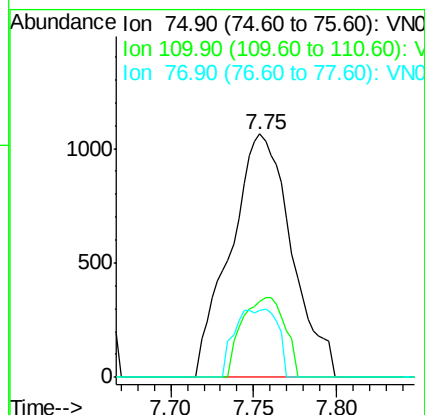
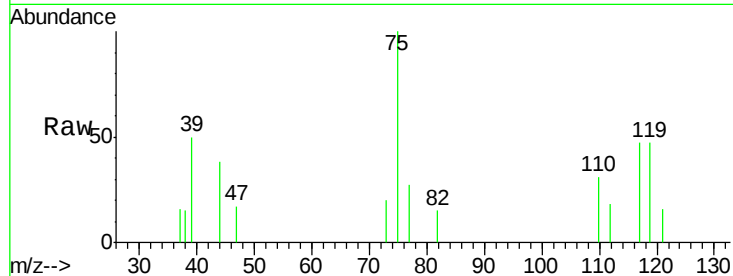
#36
 1,1-Dichloropropene
 Concen: 1.090 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	23.0	17.5	52.6
77	10.4	24.2	36.4#

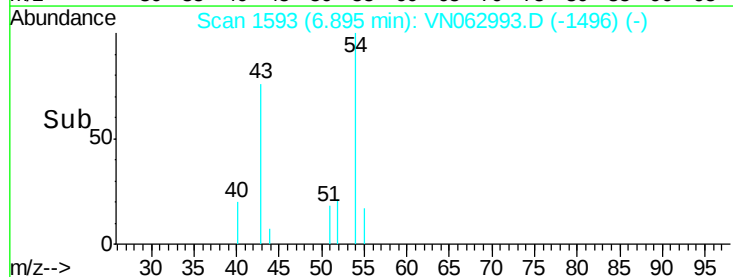
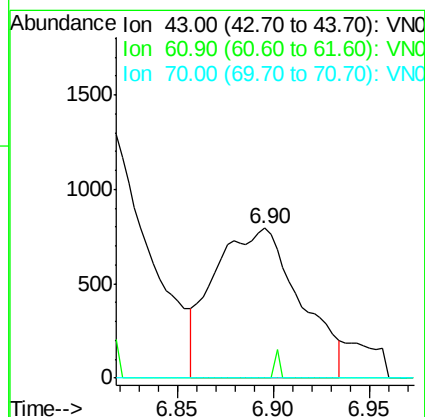
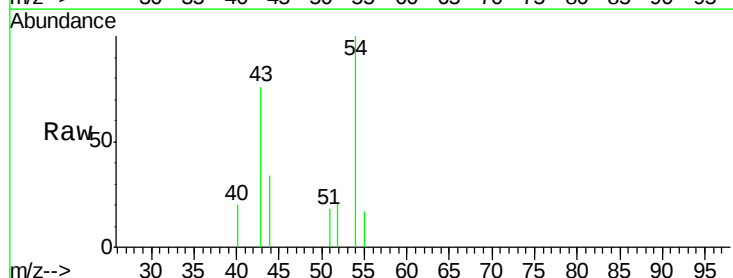
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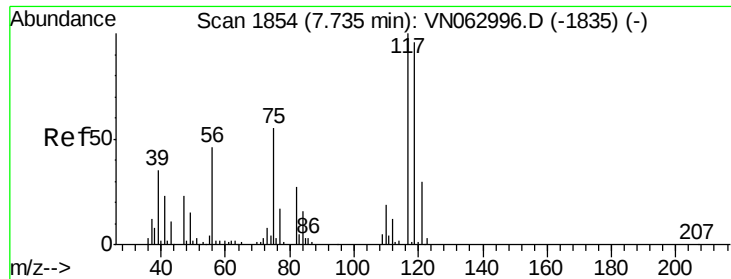
MMDadoda
 8/19/2020 5:46:06 PM



#37
 Ethyl Acetate
 Concen: 1.046 ug/l m
 RT: 6.90 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.2	12.2#





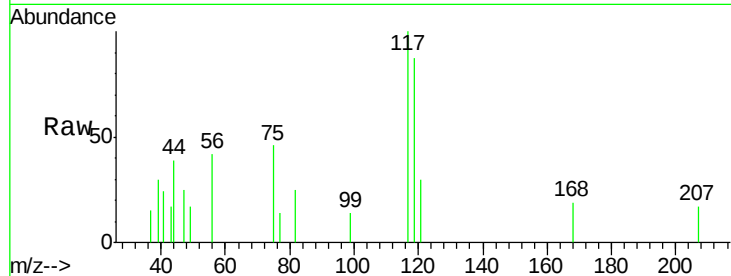
#38
Carbon Tetrachloride
Concen: 1.056 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

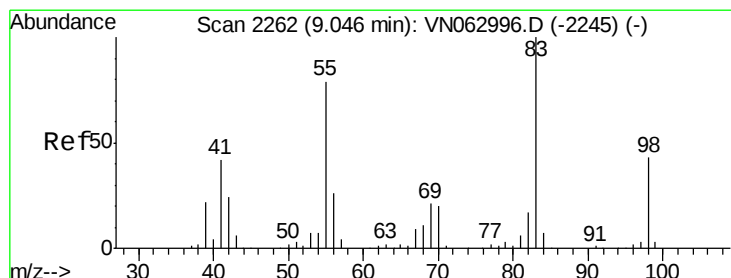
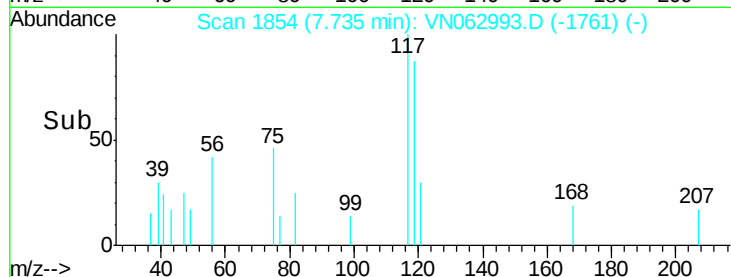
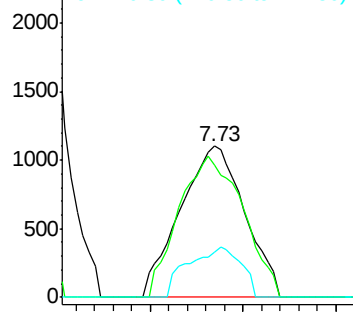
Tot Ion	Ratio	Lower	Upper
117	100		
119	87.2	76.2	114.4
121	30.0	24.2	36.2

Manual Integrations
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8/19/2020 5:46:06 PM

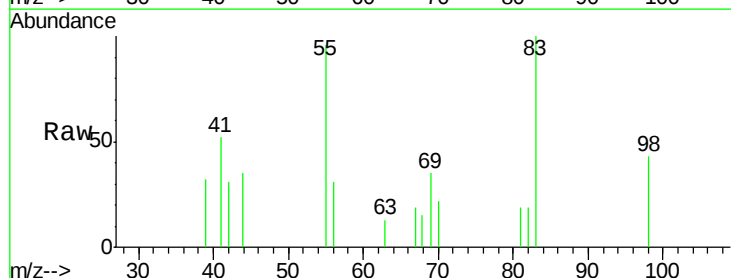


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

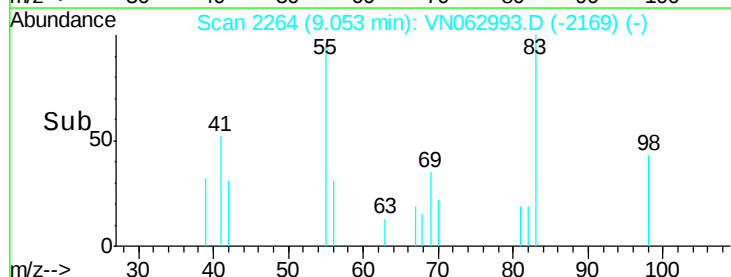
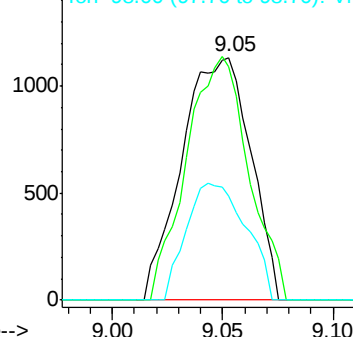


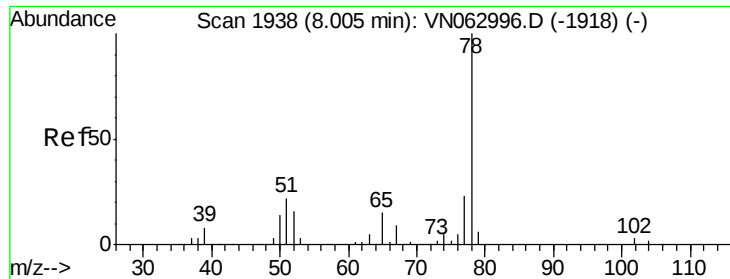
#39
Methylcyclohexane
Concen: 0.829 ug/l
RT: 9.05 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	96.4	63.3	94.9#
98	43.0	34.2	51.4



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





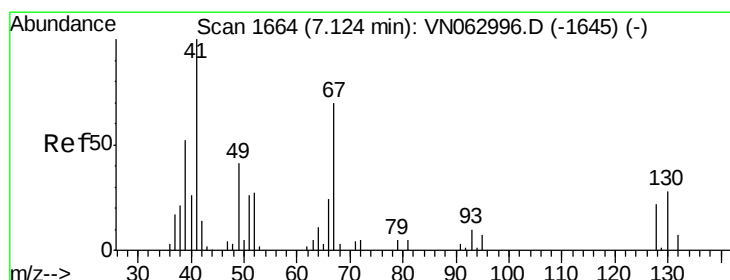
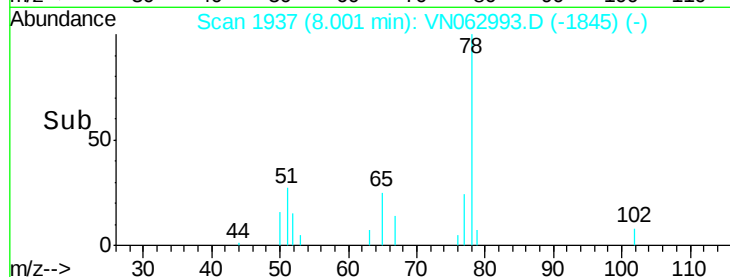
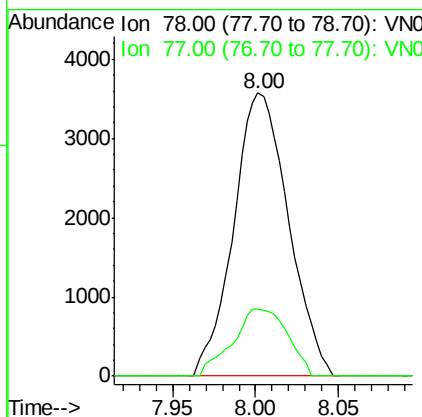
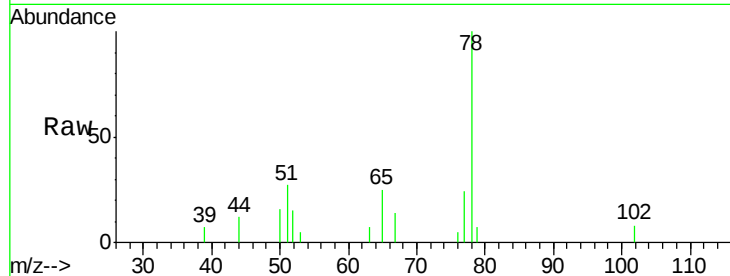
#40
Benzene
Concen: 1.038 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 8223
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

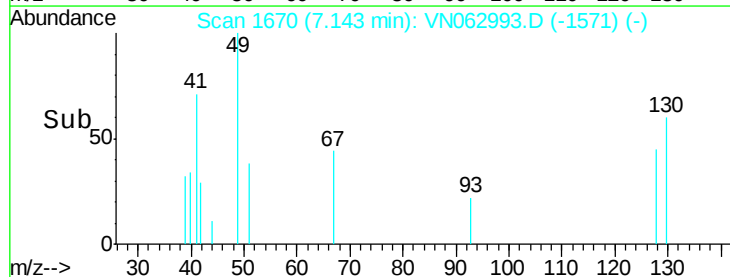
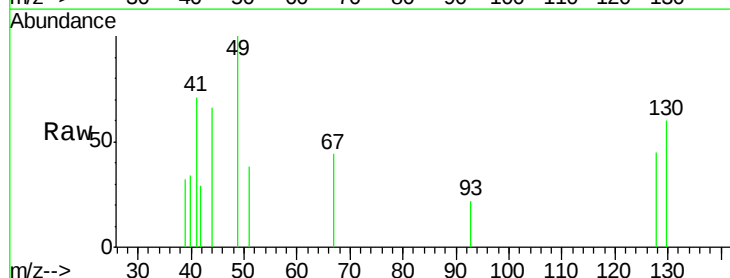
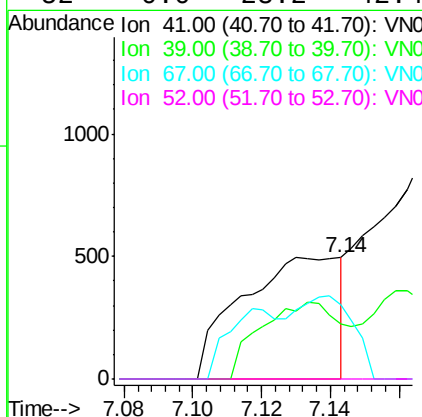
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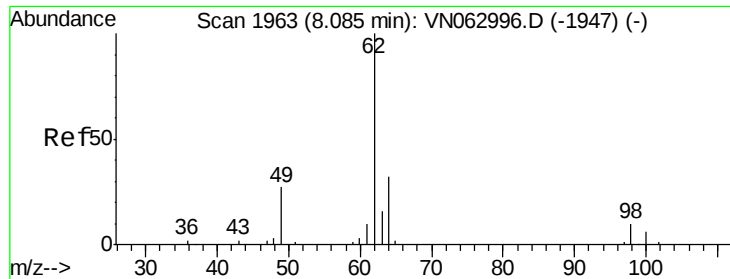
MMDadoda
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#41
Methacrylonitrile
Concen: 0.892 ug/l m
RT: 7.14 min Scan# 1670
Delta R.T. 0.02 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion: 41 Resp: 995
Ion Ratio Lower Upper
41 100
39 52.0 41.6 62.4
67 38.4 71.8 107.8#
52 0.0 28.2 42.4#





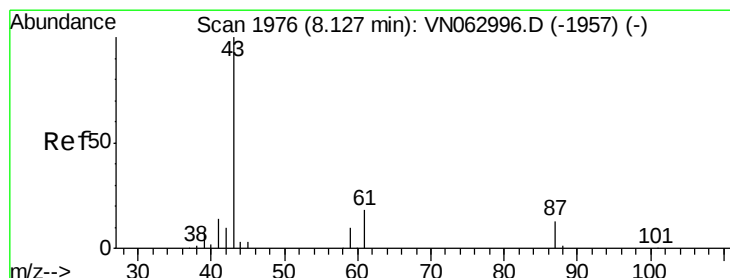
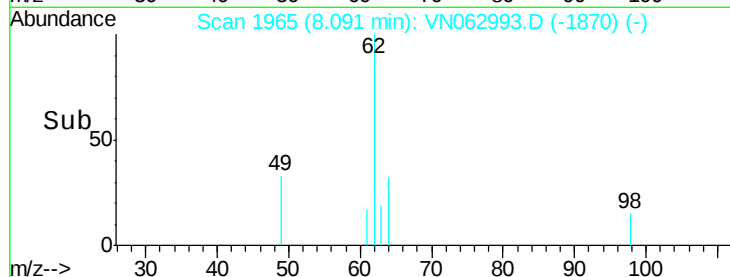
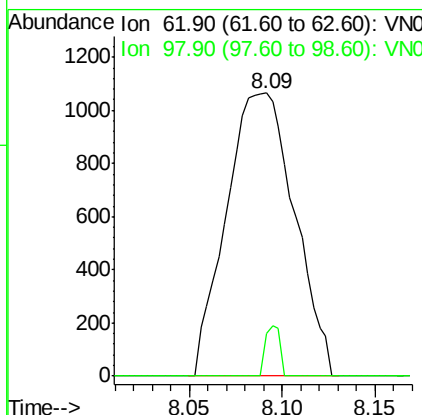
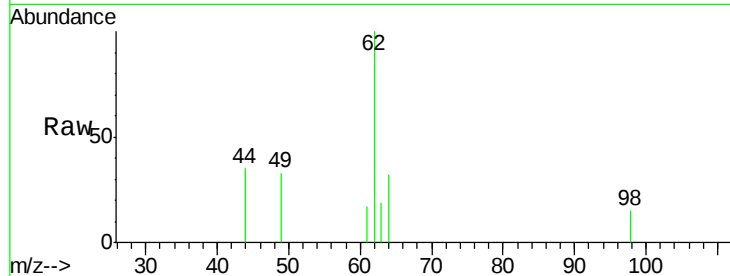
#42
 1,2-Dichloroethane
 Concen: 1.024 ug/l
 RT: 8.09 min Scan# 1965
 Delta R.T. 0.01 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	3.7	0.0	18.4

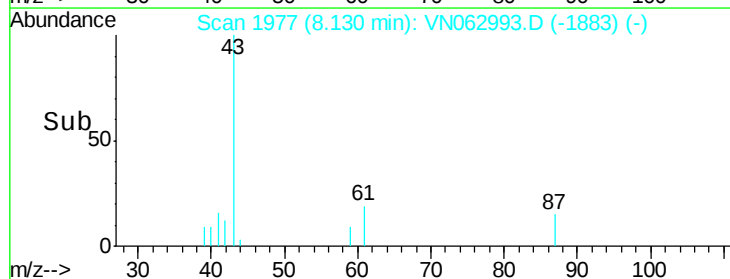
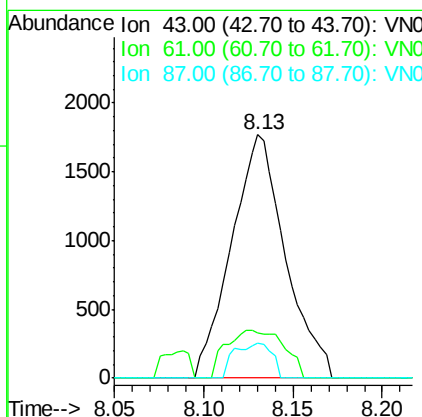
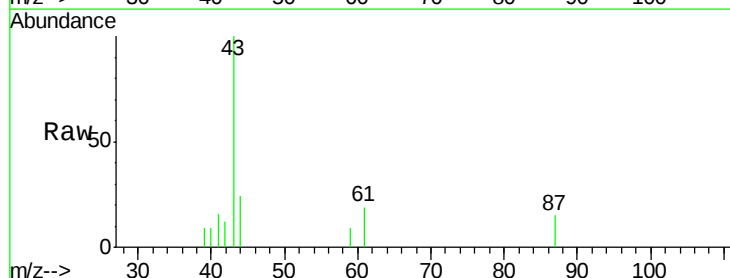
Manual Integrations
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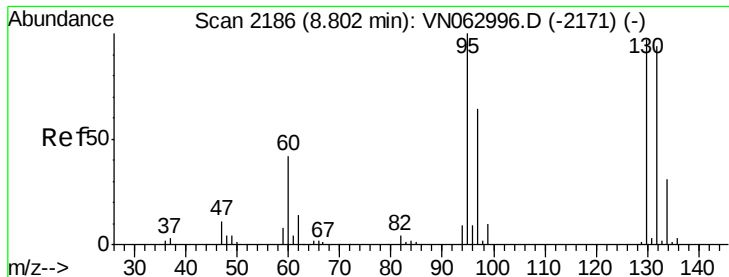
MMDadoda
 8/19/2020 5:46:06 PM



#43
 Isopropyl Acetate
 Concen: 0.956 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	22.6	33.8#
87	9.9	10.5	15.7#





#44

Trichloroethene

Concen: 1.113 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2194

Ion Ratio Lower Upper

130 100

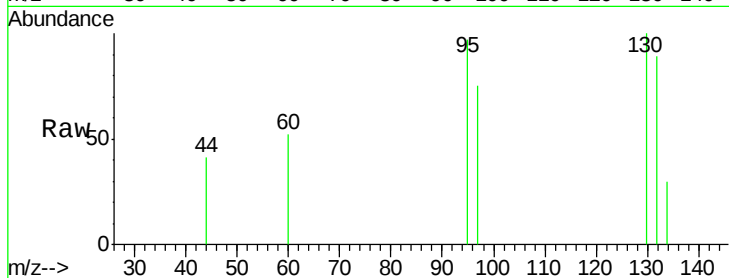
95 96.6 0.0 205.6

Manual Integrations

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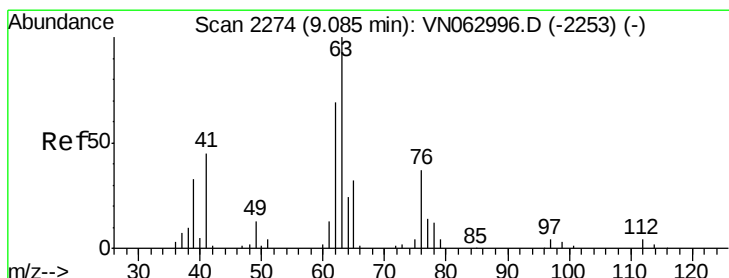
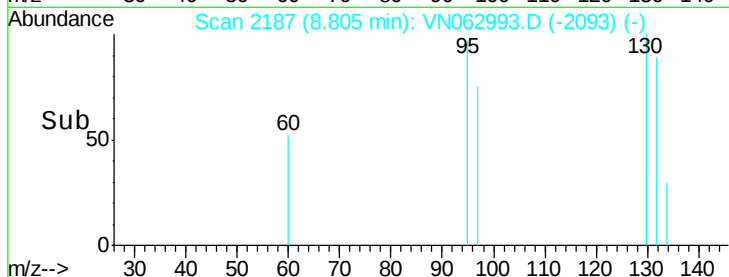
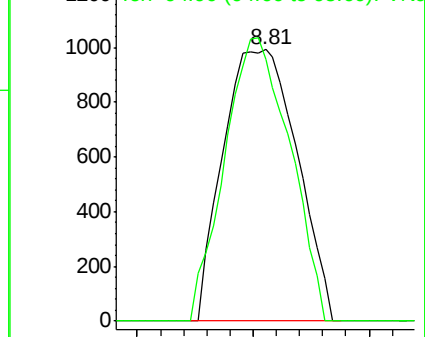
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 1.098 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062993.D

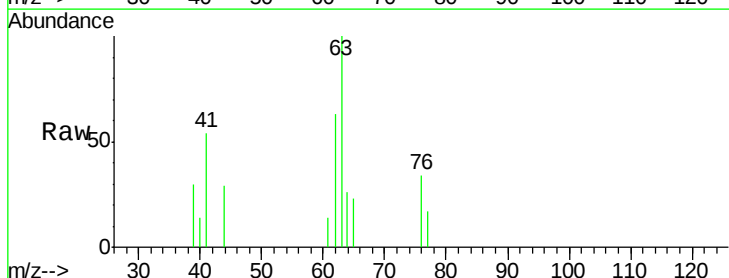
Acq: 18 Aug 2020 18:41

Tgt Ion: 63 Resp: 2515

Ion Ratio Lower Upper

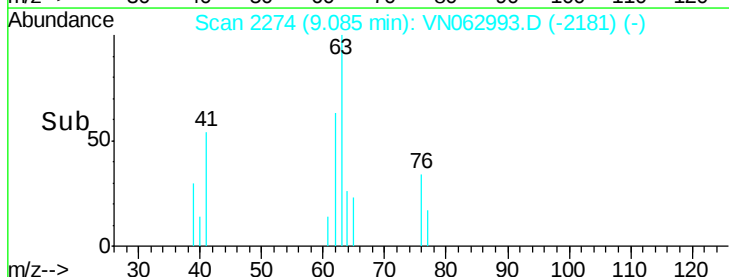
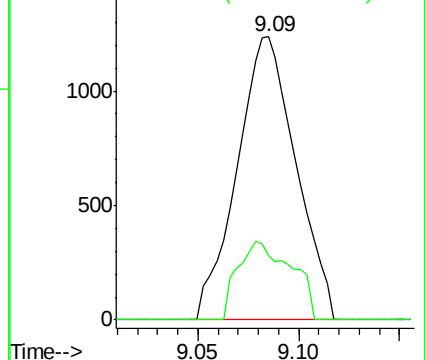
63 100

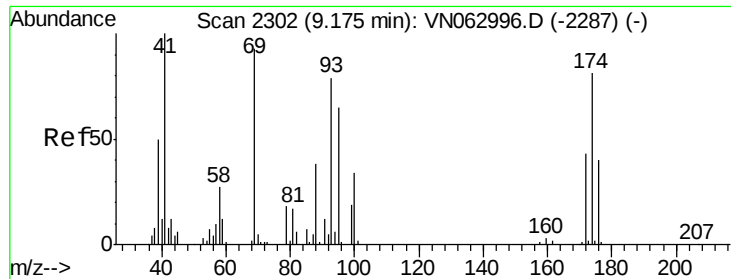
65 22.6 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





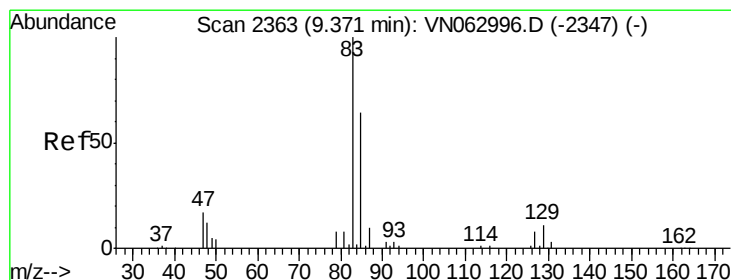
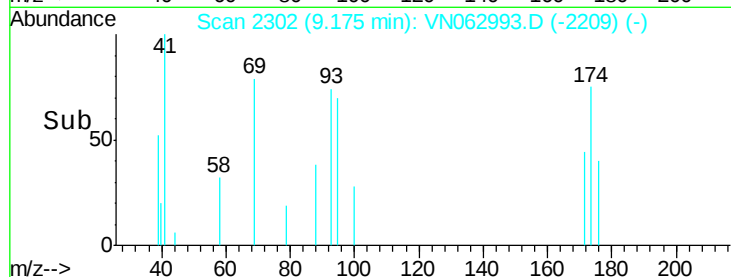
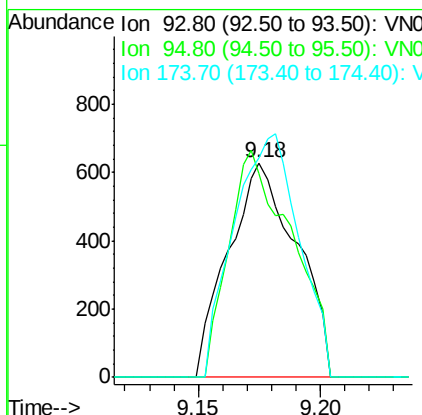
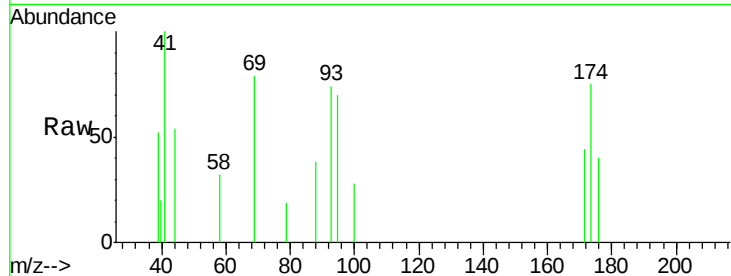
#46
Dibromomethane
Concen: 0.923 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	98.3	66.2	99.4
174	108.4	84.6	127.0

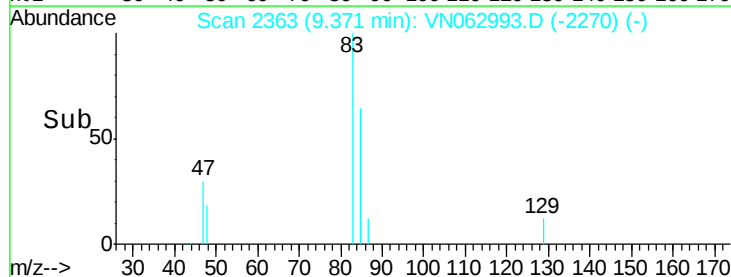
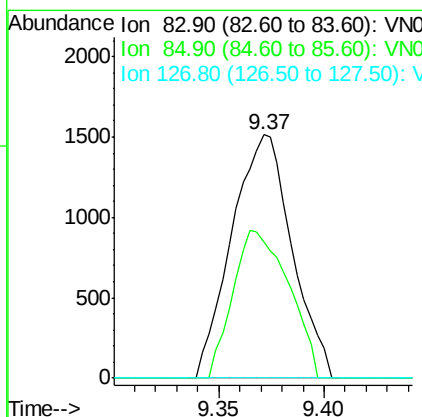
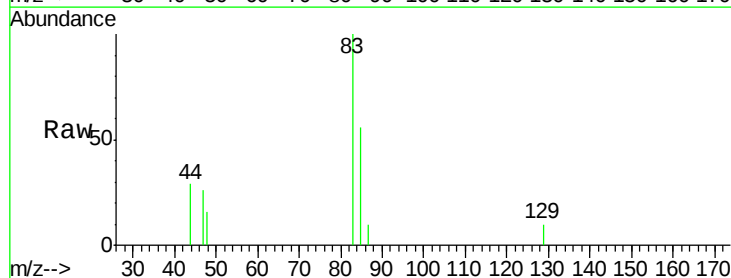
Manual Integrations
APPROVED

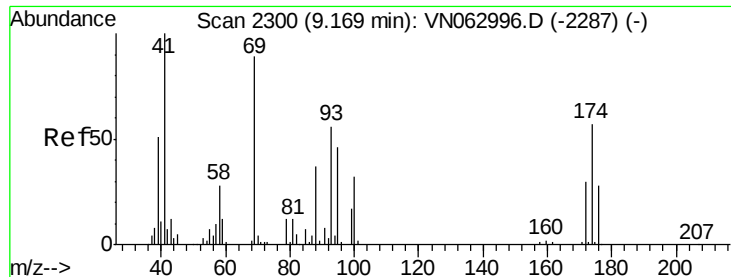
MMDadoda
8/19/2020 5:46:06 PM



#47
Bromodichloromethane
Concen: 1.034 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.8	51.1	76.7
127	0.0	6.6	9.8#





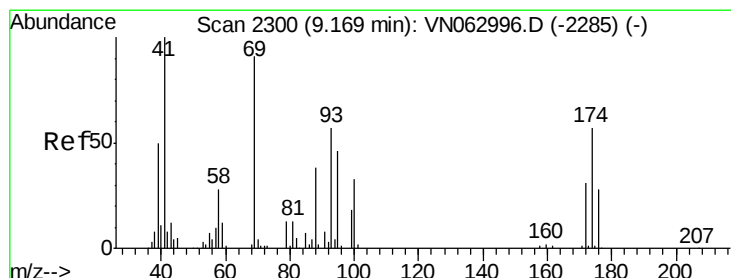
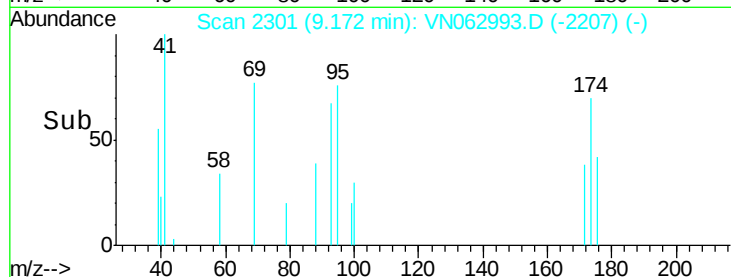
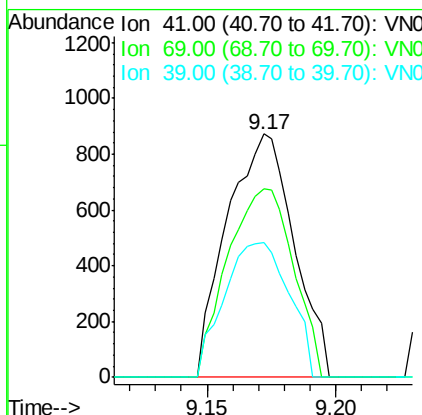
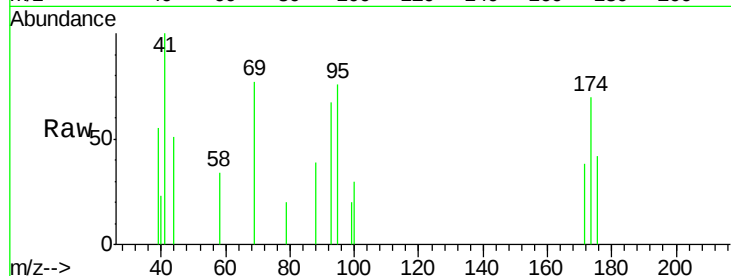
#48
Methvl methacrylate
Concen: 0.860 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	76.2	74.2	111.4
39	53.8	42.5	63.7

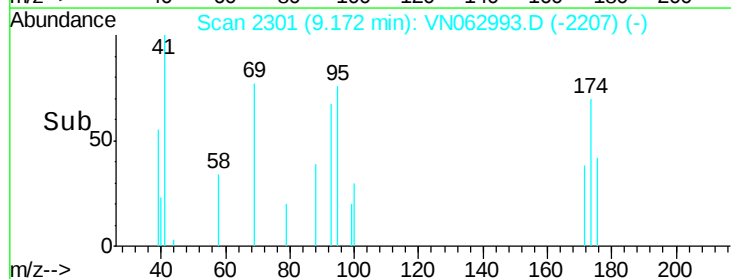
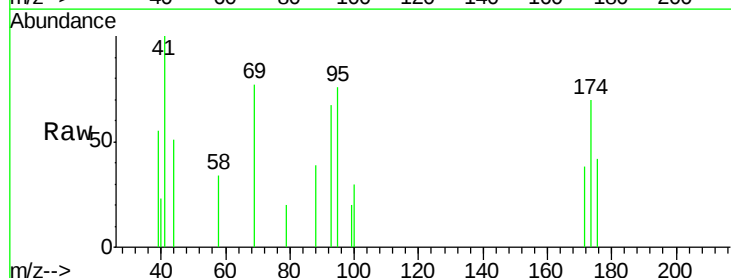
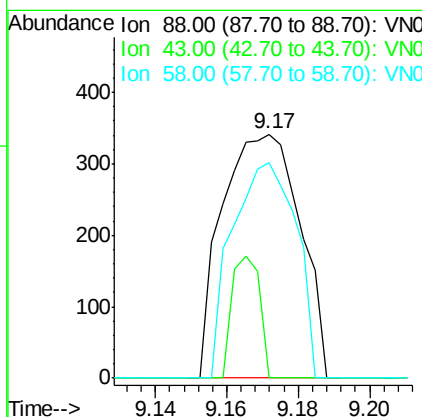
Manual Integrations
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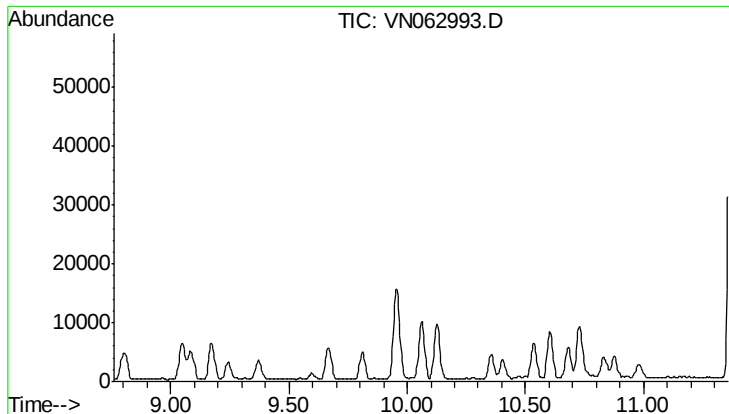
MMDadoda
8/19/2020 5:46:06 PM



#49
1,4-Dioxane
Concen: 14.368 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.2	37.8#
58	72.4	56.7	85.1





#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 10.06 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Tot Ion: 98

Sig Exp Ratio

98 100

100 64.0

Instrument :

MSVOA_N

ClientSampleId :

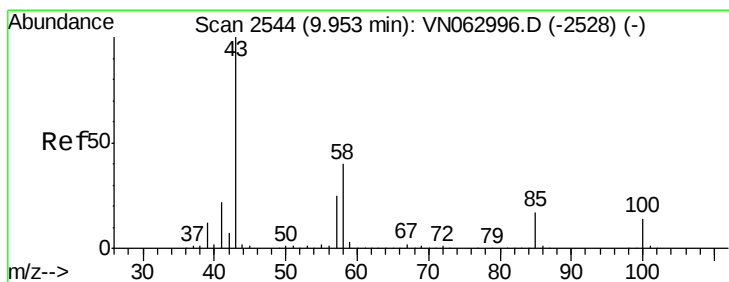
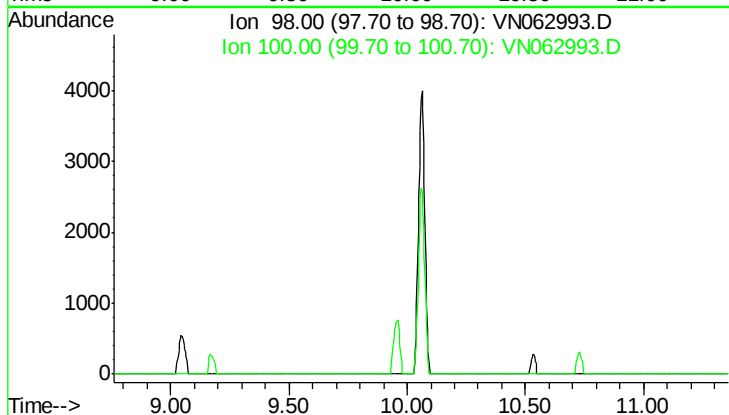
VSTDIC001

Manual Integrations

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#51

4-Methyl-2-Pentanone

Concen: 4.638 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN062993.D

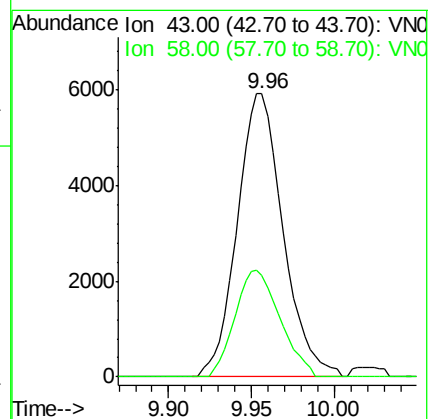
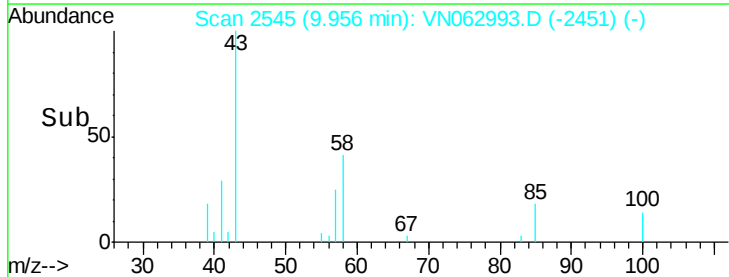
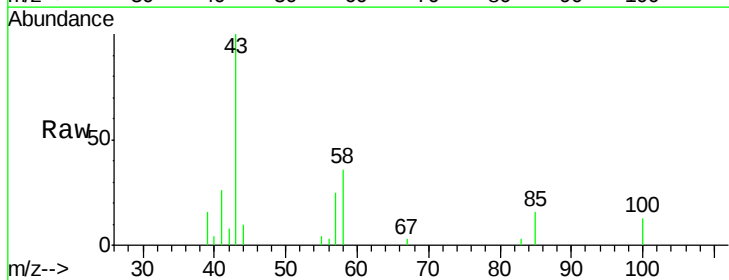
Acq: 18 Aug 2020 18:41

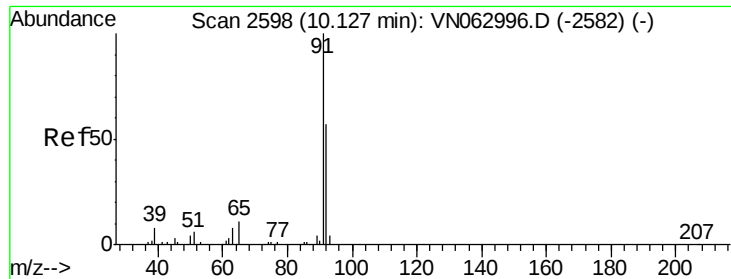
Tgt Ion: 43 Resp: 11370

Ion Ratio Lower Upper

43 100

58 36.9 32.2 48.2





#52

Toluene

Concen: 0.936 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 4474

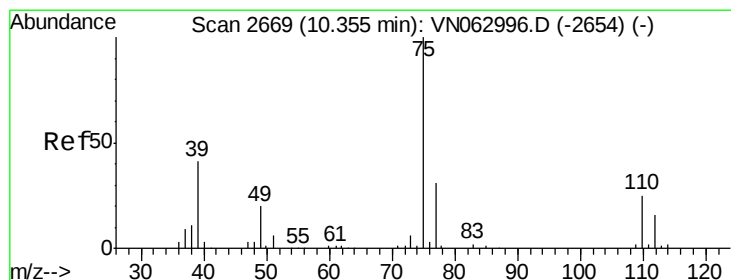
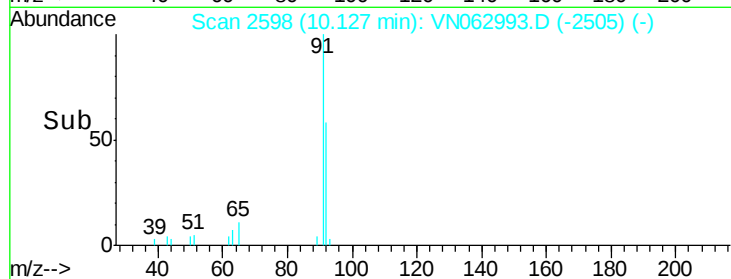
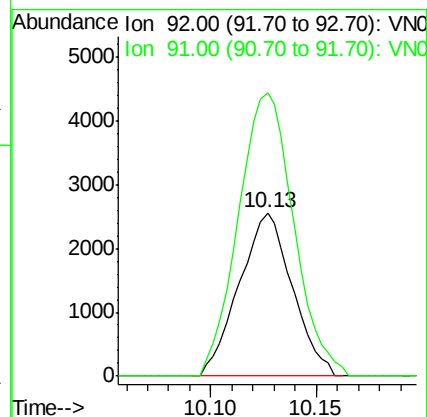
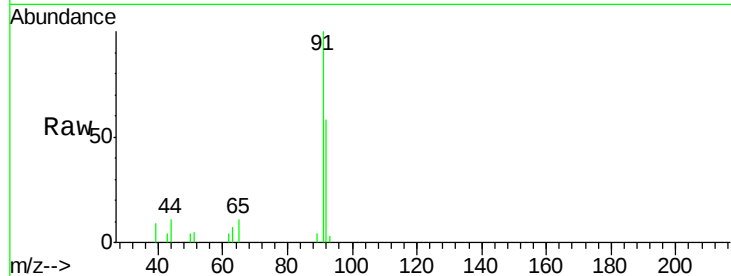
Ion Ratio Lower Upper

92 100

91 180.9 139.2 208.8

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#53

t-1,3-Dichloropropene

Concen: 0.951 ug/l

RT: 10.36 min Scan# 2670

Delta R.T. 0.00 min

Lab File: VN062993.D

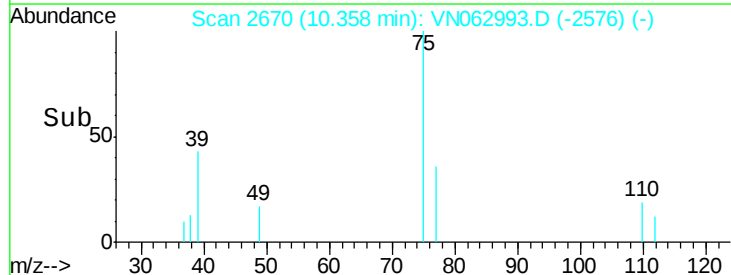
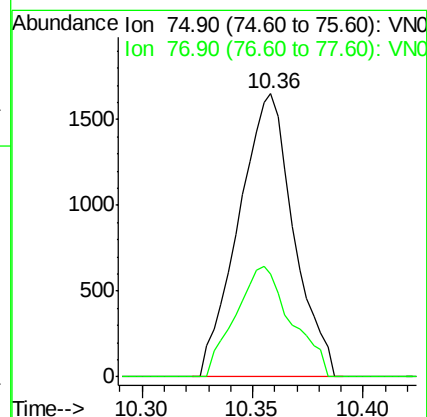
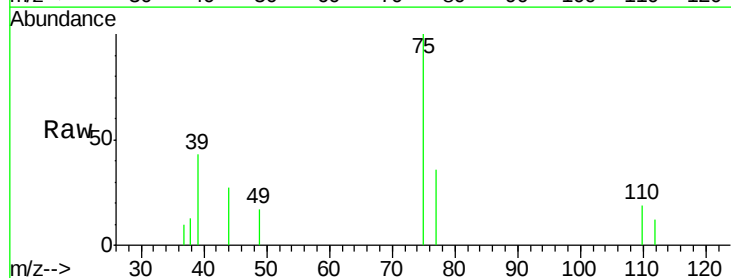
Acq: 18 Aug 2020 18:41

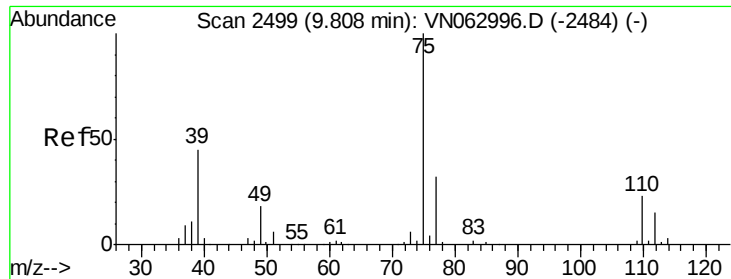
Tgt Ion: 75 Resp: 2851

Ion Ratio Lower Upper

75 100

77 36.3 24.6 37.0





#54

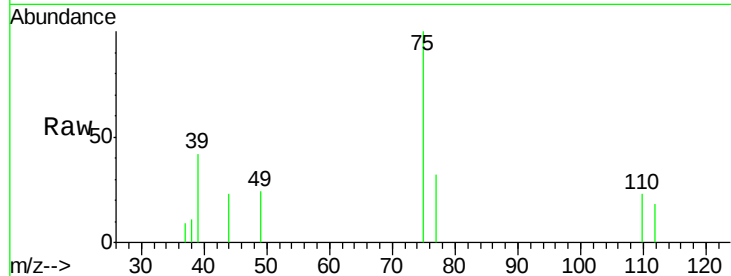
cis-1,3-Dichloropropene
Concen: 0.961 ug/l
RT: 9.81 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

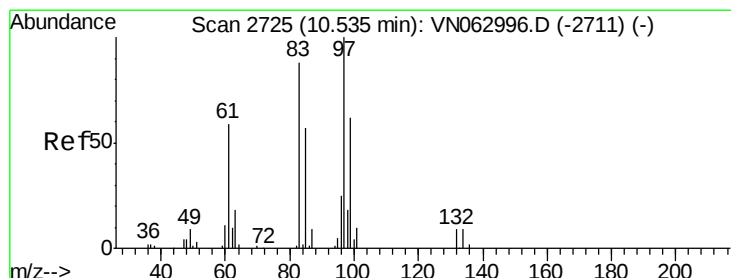
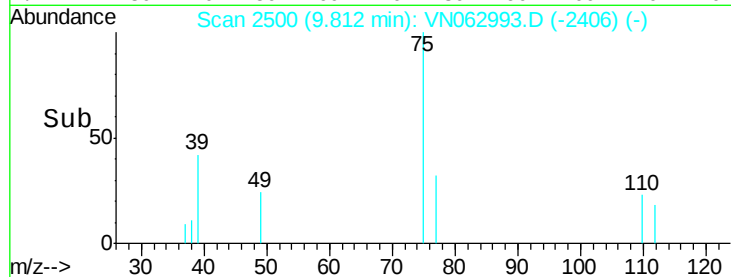
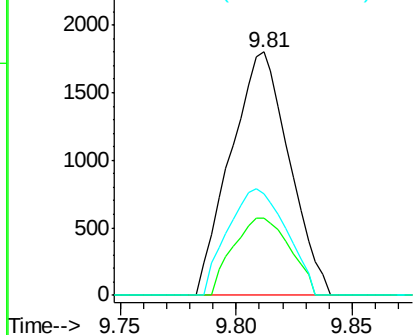
Tot Ion:	75	Resp:	3161
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2
39	41.7	35.7	53.5

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Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0

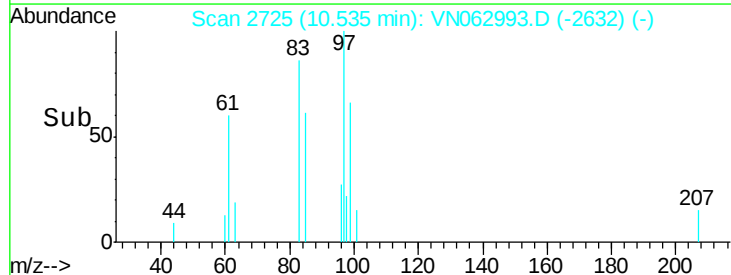
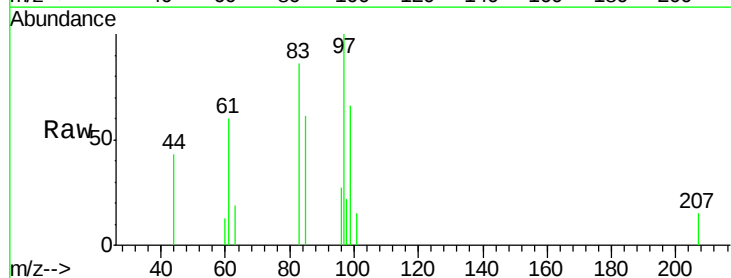
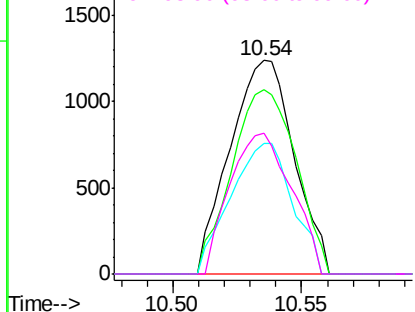


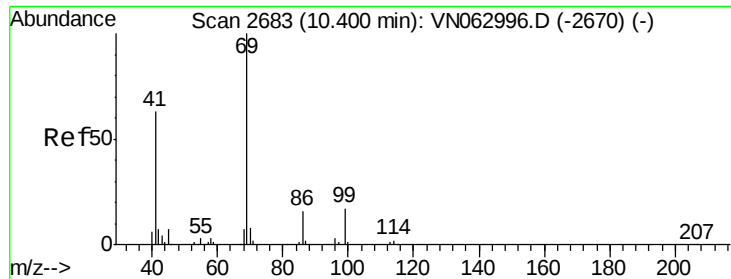
#55

1,1,2-Trichloroethane
Concen: 1.052 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion:	97	Resp:	2151
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.5	105.7
85	61.0	45.8	68.6
99	65.8	49.7	74.5

Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 98.90 (98.60 to 99.60): VN0





#56

Ethyl methacrylate

Concen: 0.799 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

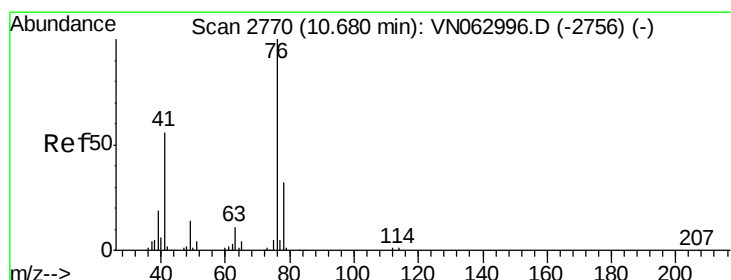
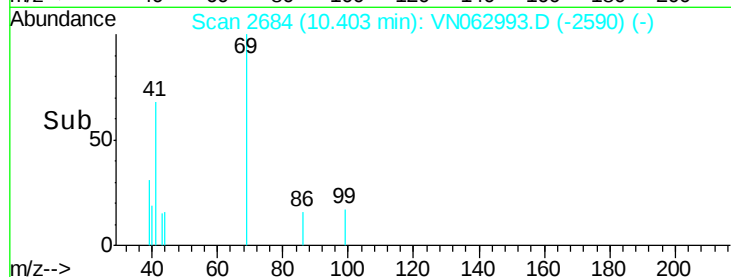
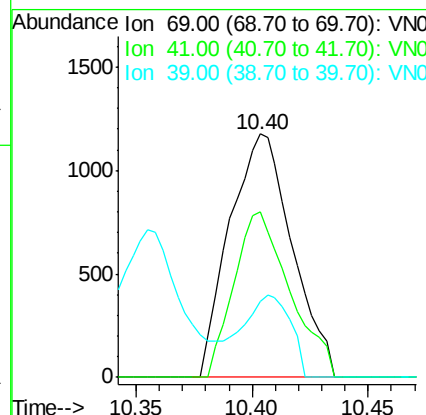
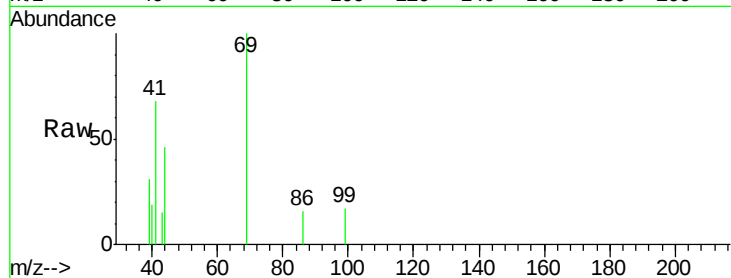
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	2206
Ion	Ratio	Lower	Upper
69	100		
41	60.8	50.2	75.2
39	25.7	24.2	36.4

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.040 ug/l

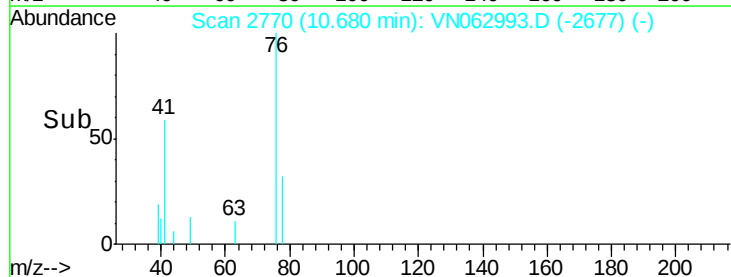
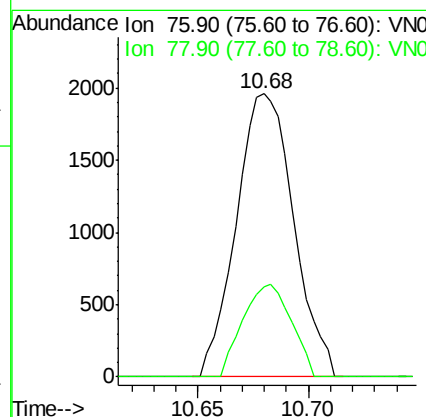
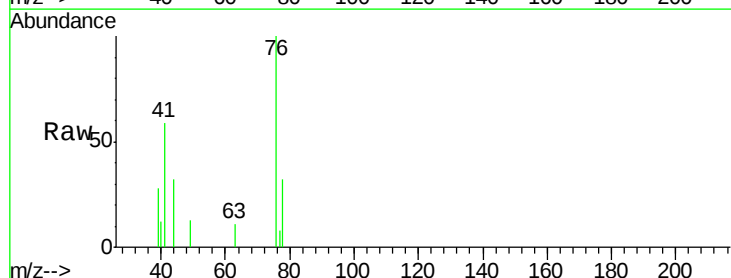
RT: 10.68 min Scan# 2770

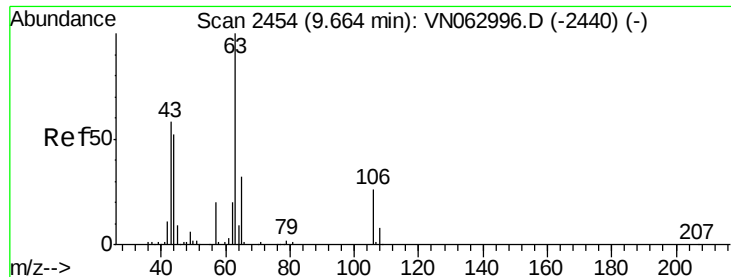
Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Tgt Ion:	76	Resp:	3530
Ion	Ratio	Lower	Upper
76	100		
78	27.5	26.1	39.1





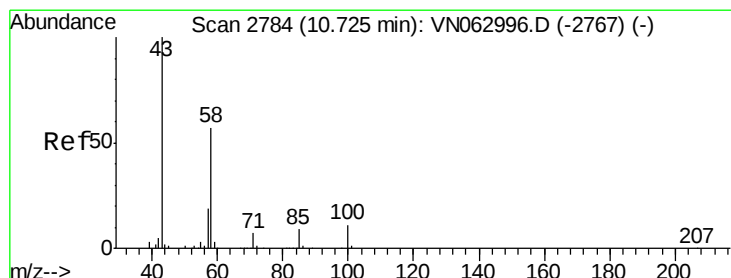
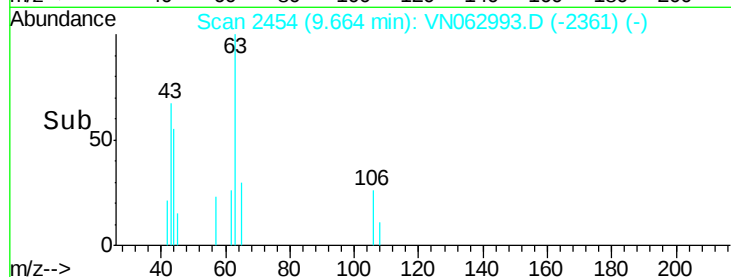
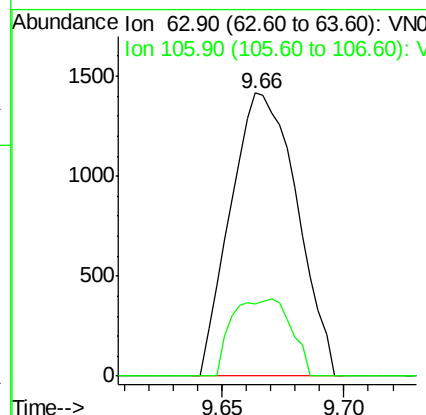
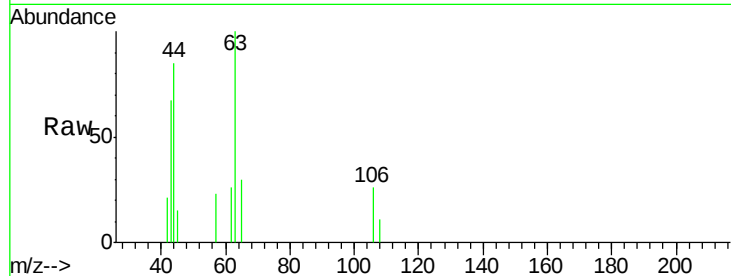
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.039 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 2672
 Ion Ratio Lower Upper
 63 100
 106 24.2 20.7 31.1

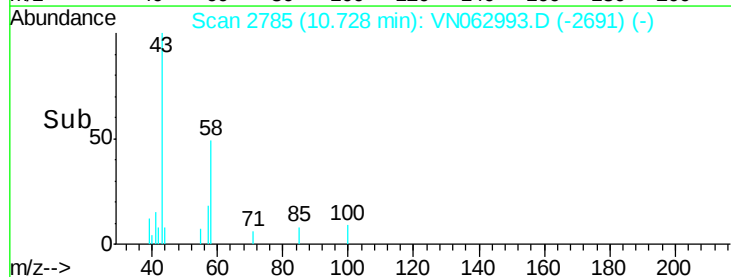
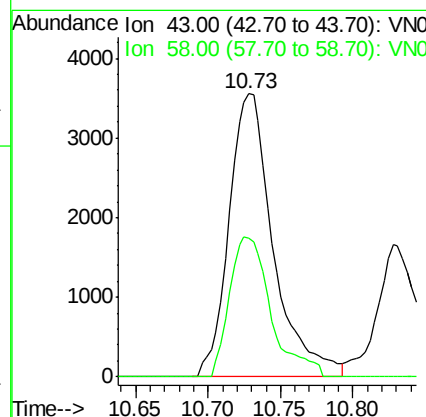
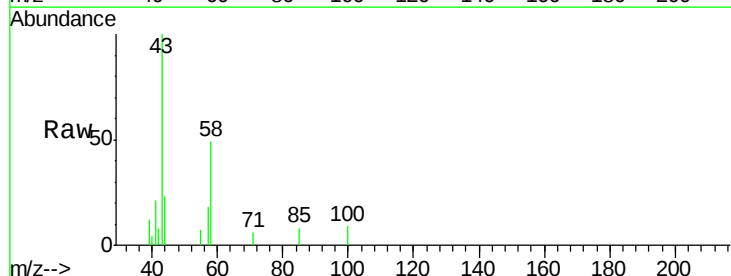
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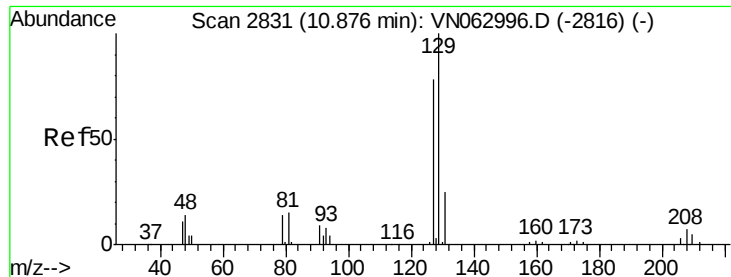
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#59
 2-Hexanone
 Concen: 4.405 ug/l
 RT: 10.73 min Scan# 2785
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion: 43 Resp: 7534
 Ion Ratio Lower Upper
 43 100
 58 46.0 28.1 84.3





#60

Dibromochloromethane

Concen: 1.010 ug/l

RT: 10.88 min Scan# 2831

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2284

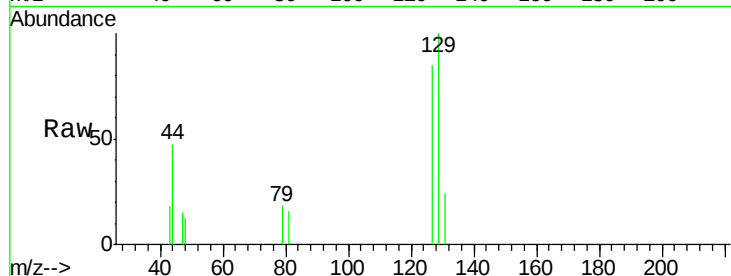
Ion Ratio Lower Upper

129 100

127 75.9 38.4 115.2

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.88

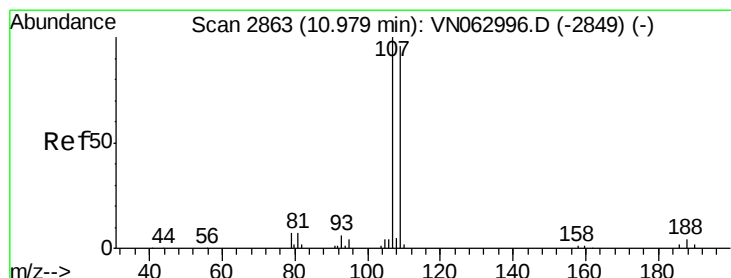
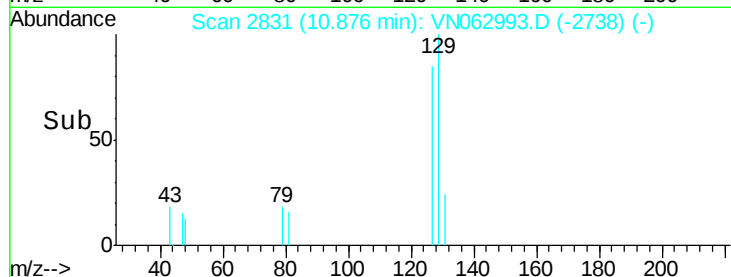
1500

1000

500

0

Time-->



#61

1,2-Dibromoethane

Concen: 0.921 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062993.D

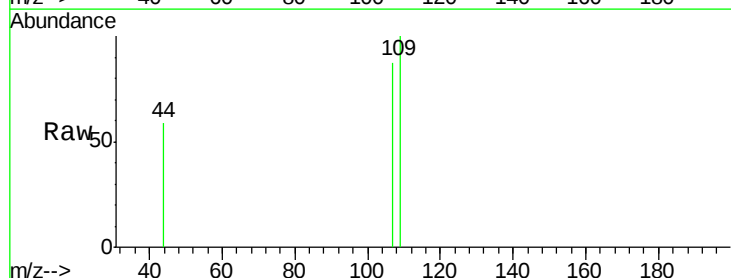
Acq: 18 Aug 2020 18:41

Tgt Ion:107 Resp: 1808

Ion Ratio Lower Upper

107 100

109 116.8 75.7 113.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

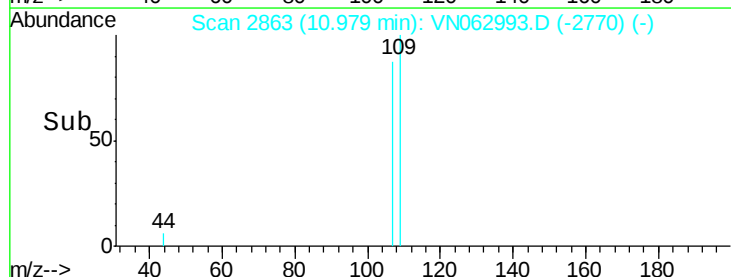
10.98

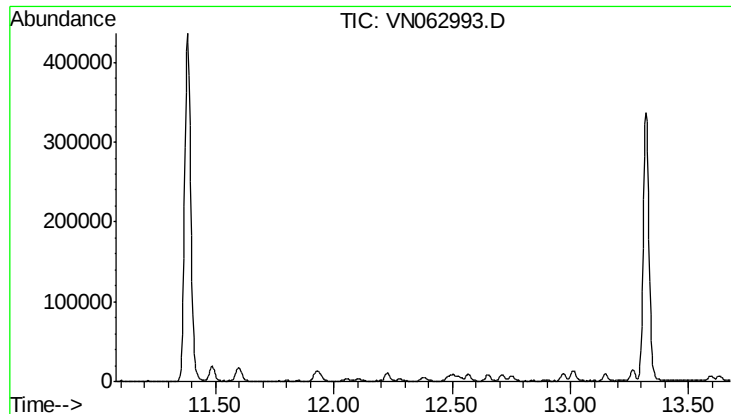
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Tot Ion: 95

Sig Exp Ratio

95 100

174 85.4

176 82.4

Instrument :

MSVOA_N

ClientSampleId :

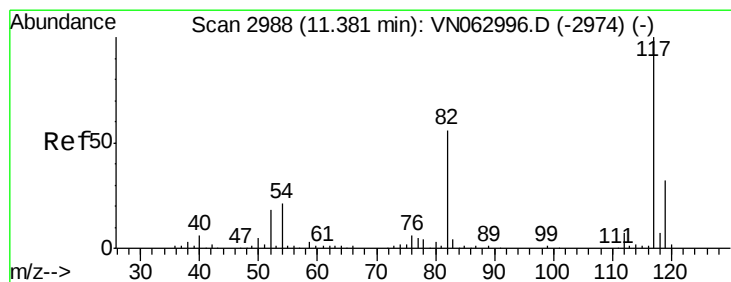
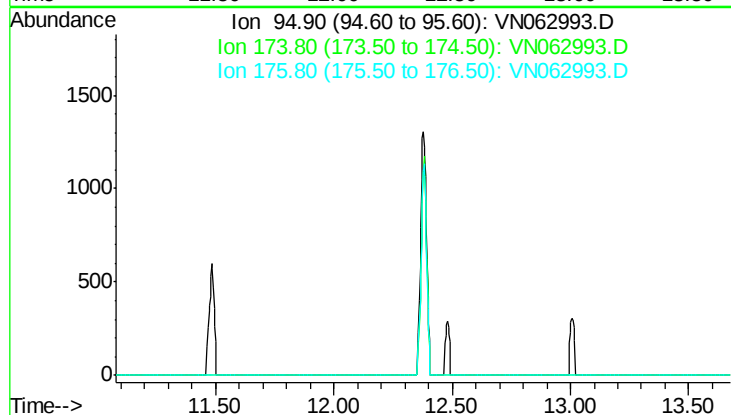
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

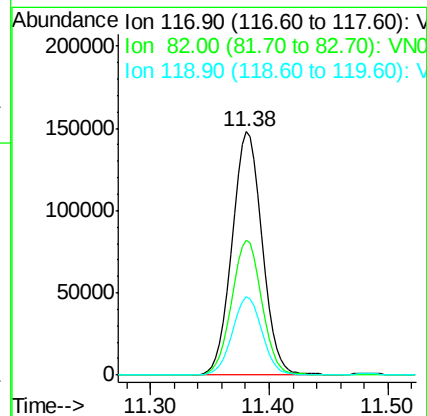
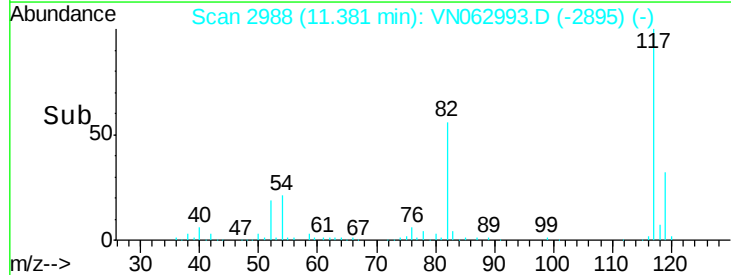
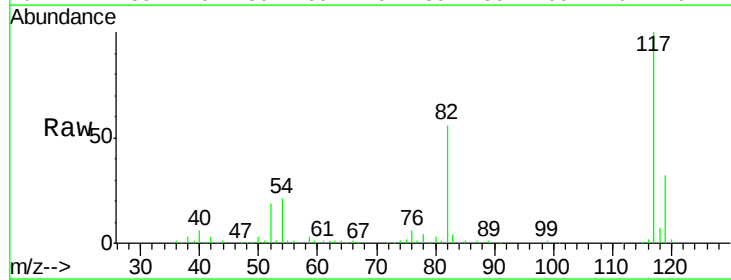
Tgt Ion:117 Resp: 260045

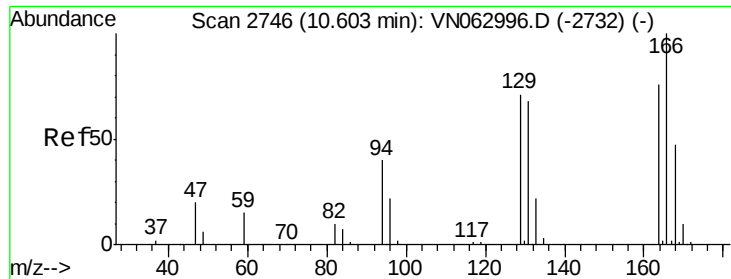
Ion Ratio Lower Upper

117 100

82 55.5 44.5 66.7

119 32.0 25.5 38.3





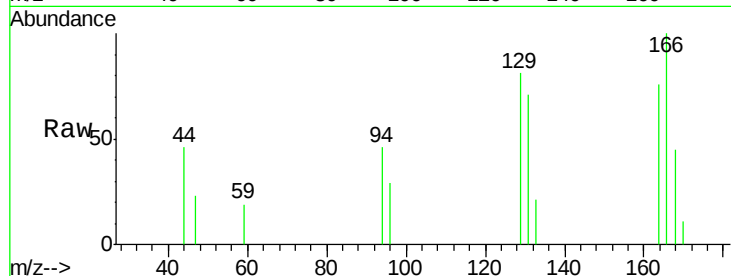
#64
Tetrachloroethene
Concen: 1.117 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

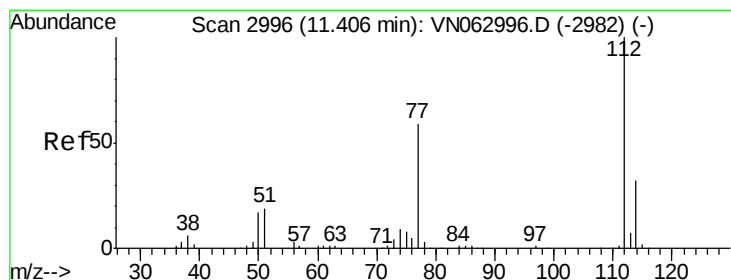
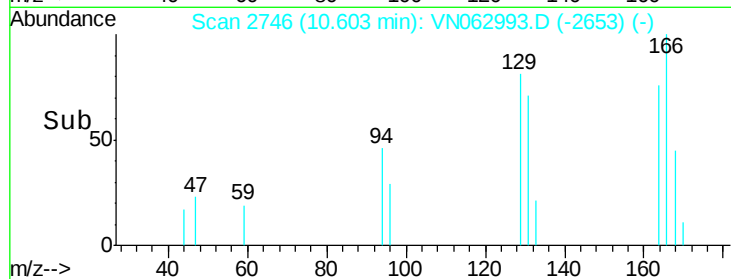
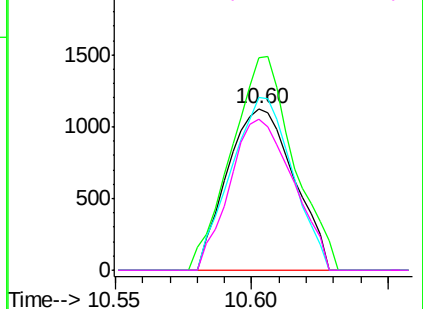
Tot Ion	Ratio	Lower	Upper
164	100		
166	131.2	105.0	157.6
129	106.7	74.7	112.1
131	93.2	71.0	106.4

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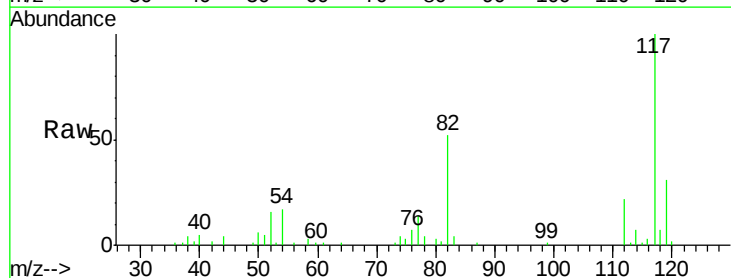


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

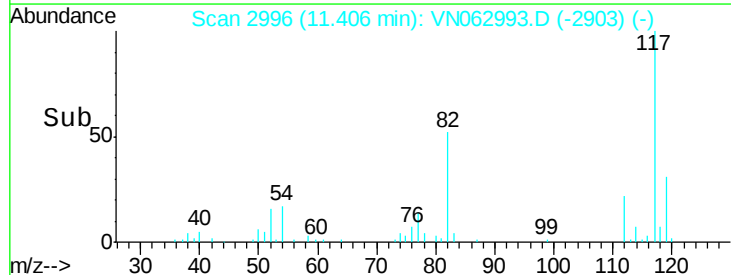
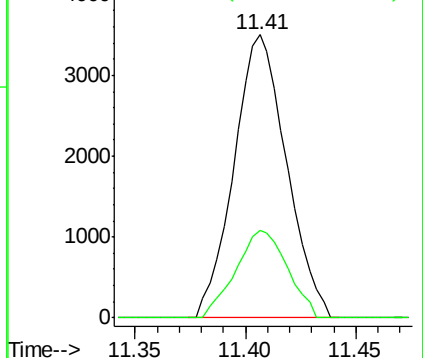


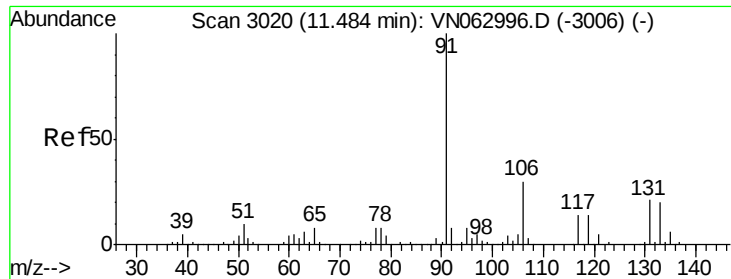
#65
Chlorobenzene
Concen: 1.109 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.3	37.9



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





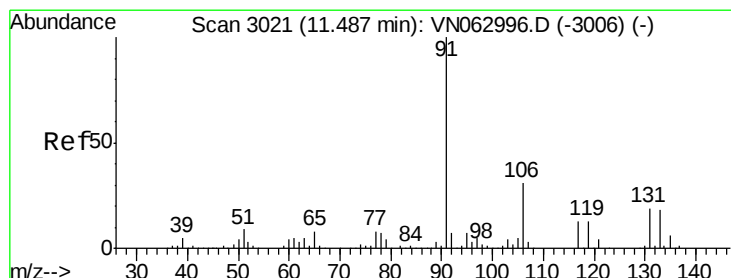
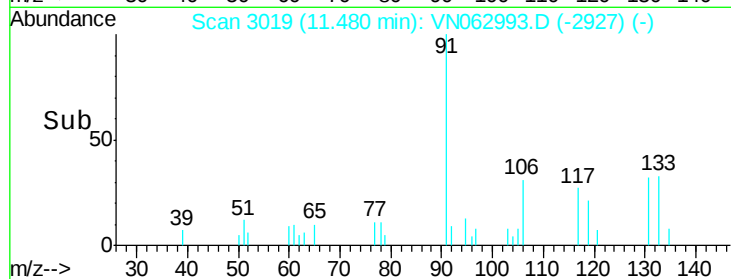
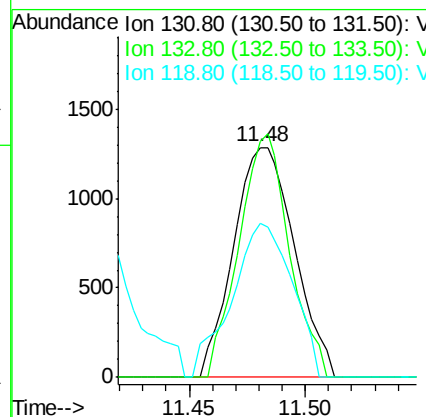
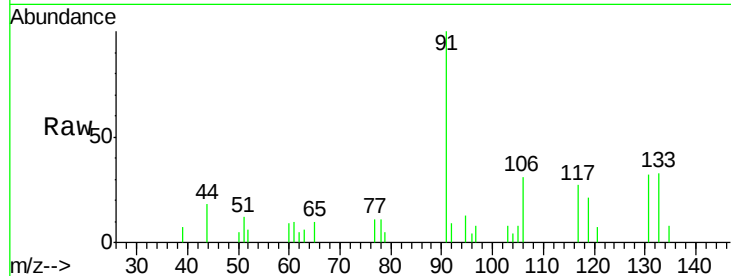
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.153 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:131 Resp: 2342
 Ion Ratio Lower Upper
 131 100
 133 87.7 47.5 142.6
 119 0.0 33.1 99.3#

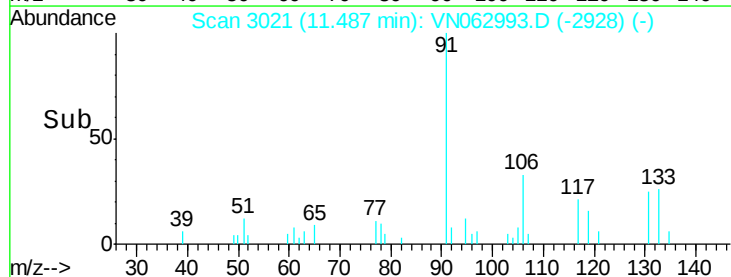
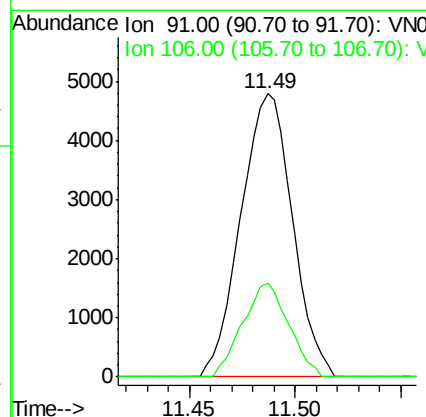
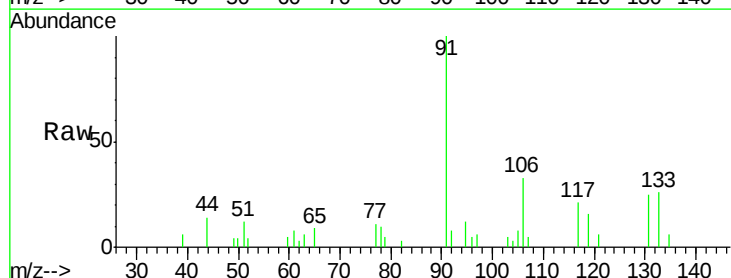
Manual Integrations
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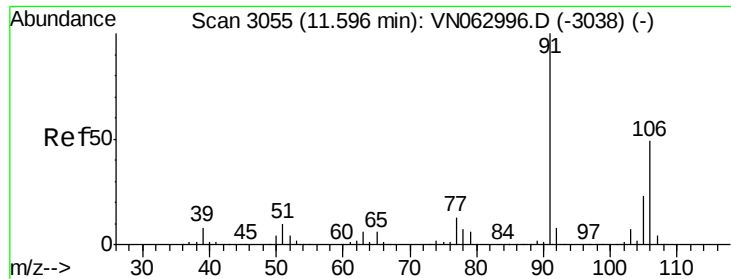
MMDadoda
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#67
 Ethyl Benzene
 Concen: 0.922 ug/l
 RT: 11.49 min Scan# 3021
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion: 91 Resp: 8138
 Ion Ratio Lower Upper
 91 100
 106 33.4 24.6 37.0





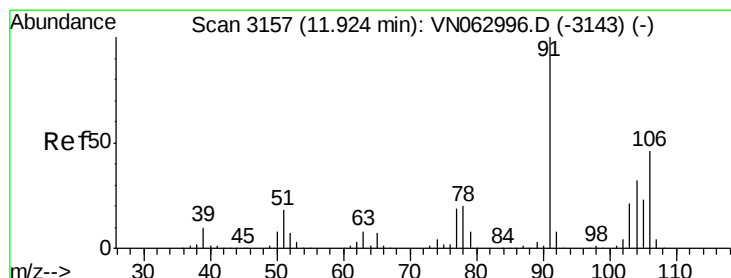
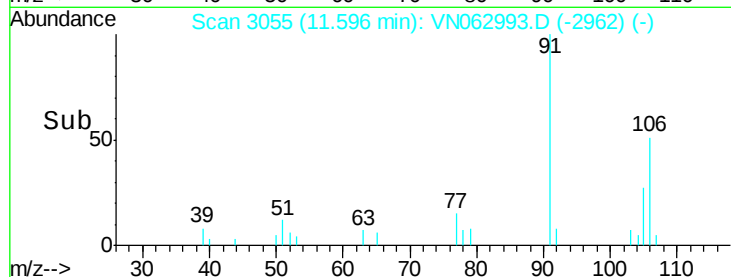
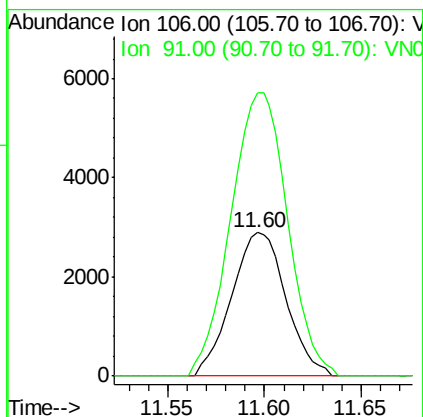
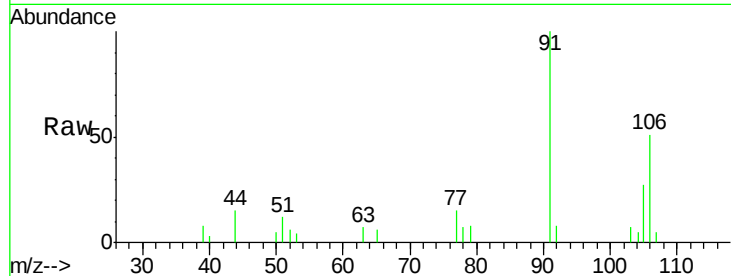
#68
m/p-Xylenes
Concen: 1.724 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 5653
Ion Ratio Lower Upper
106 100
91 205.7 163.0 244.4

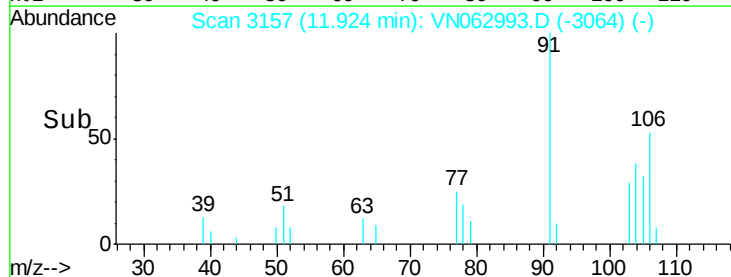
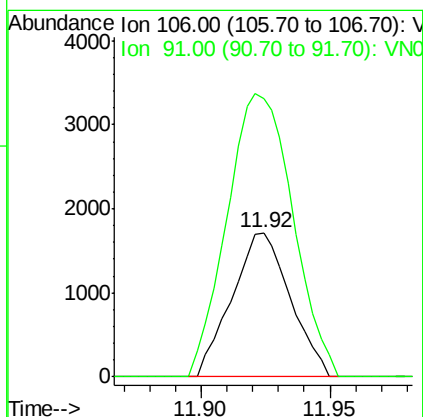
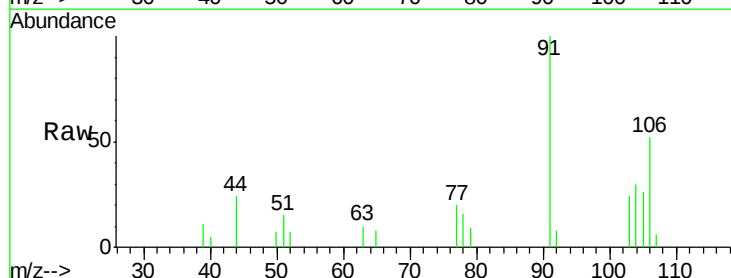
Manual Integrations
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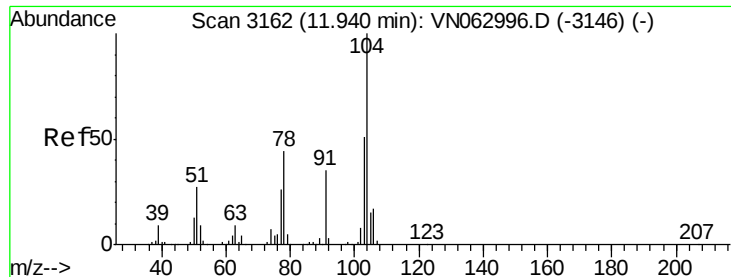
MMDadoda
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#69
o-Xylene
Concen: 0.857 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion:106 Resp: 2699
Ion Ratio Lower Upper
106 100
91 221.6 107.3 321.9





#70

Stvrene

Concen: 0.756 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

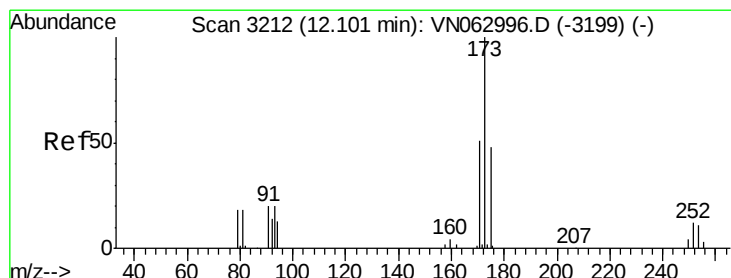
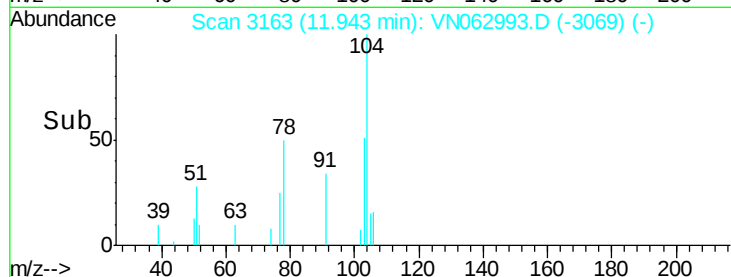
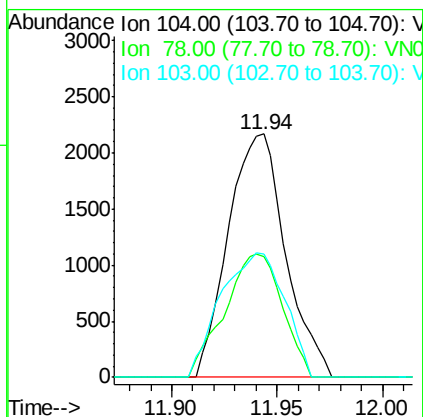
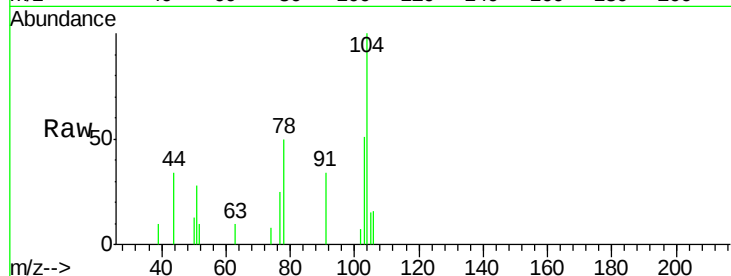
ClientSampled :

VSTDIC001

Tot Ion:	104	Resp:	4085
Ion Ratio	Lower	Upper	
104	100		
78	51.1	39.0	58.6
103	57.0	44.3	66.5

Manual Integrations
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#71

Bromoform

Concen: 0.982 ug/l

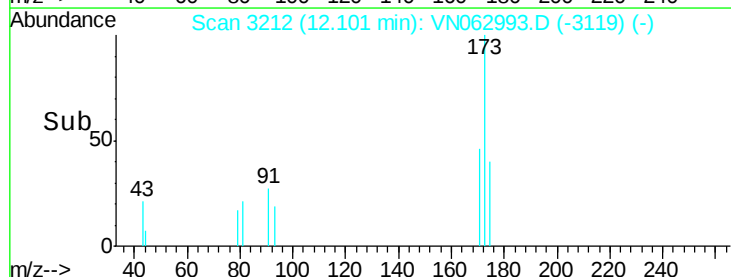
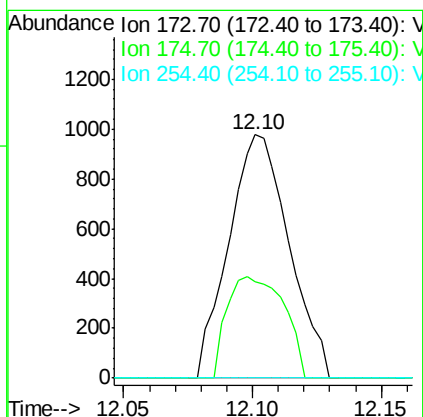
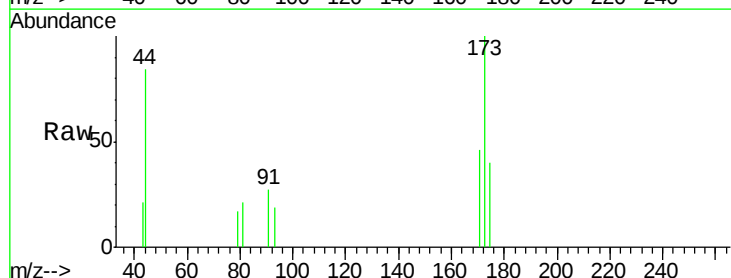
RT: 12.10 min Scan# 3212

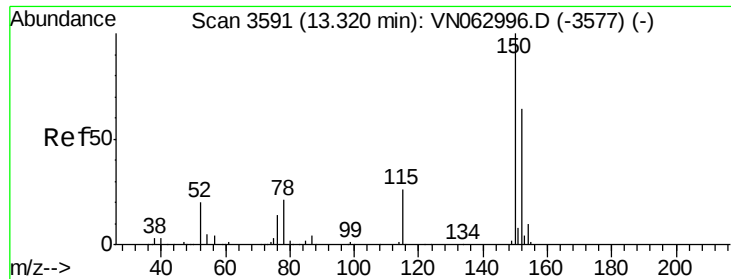
Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Tgt Ion:	173	Resp:	1588
Ion Ratio	Lower	Upper	
173	100		
175	39.4	24.3	72.8
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 96877

Ion Ratio Lower Upper

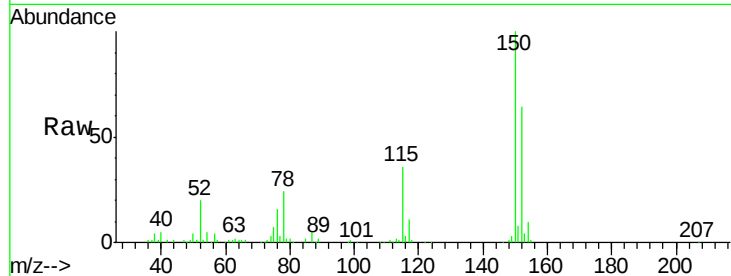
152 100

115 54.5 28.7 86.3

150 158.0 0.0 348.8

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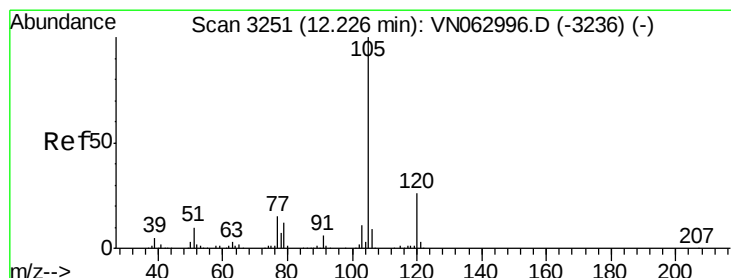
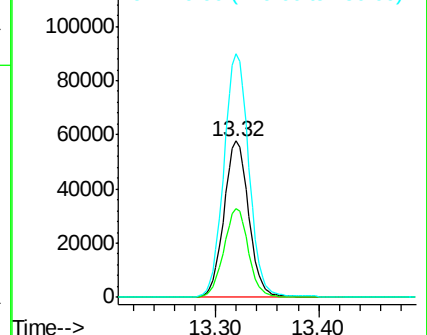
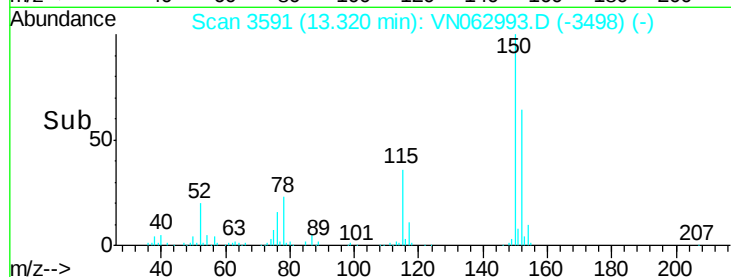
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.063 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062993.D

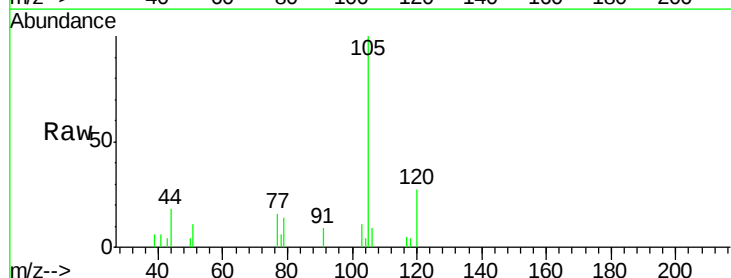
Acq: 18 Aug 2020 18:41

Tgt Ion:105 Resp: 7050

Ion Ratio Lower Upper

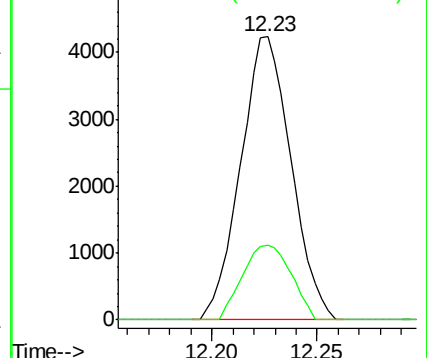
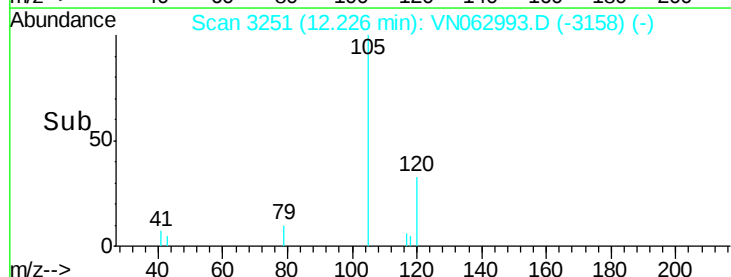
105 100

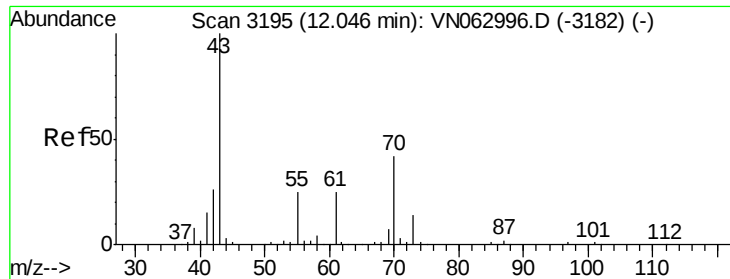
120 25.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.860 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

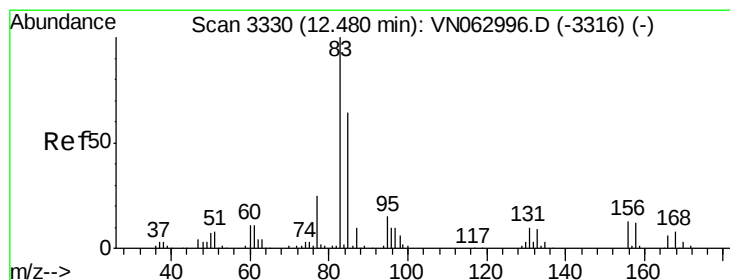
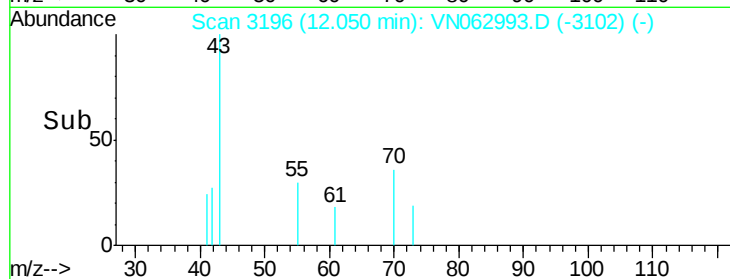
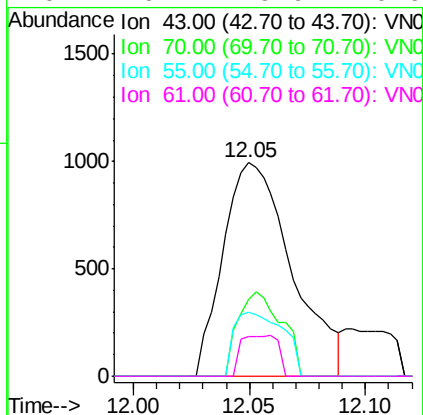
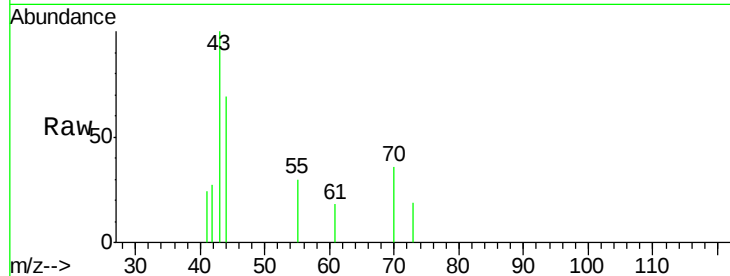
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	2044
Ion	Ratio	Lower	Upper
43	100		
70	24.9	33.4	50.0#
55	21.2	20.2	30.2
61	10.2	19.9	29.9#

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.342 ug/l

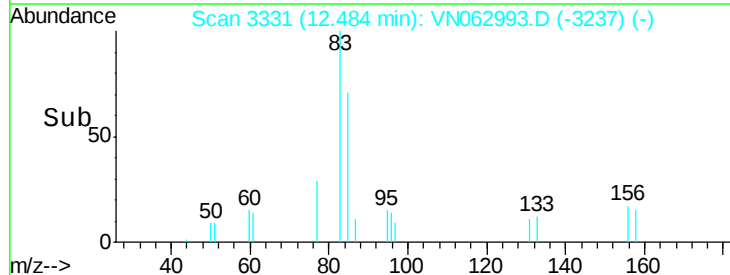
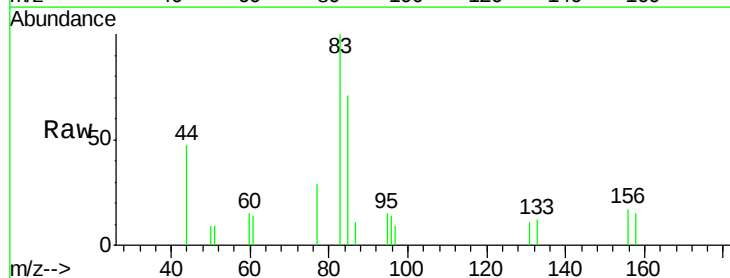
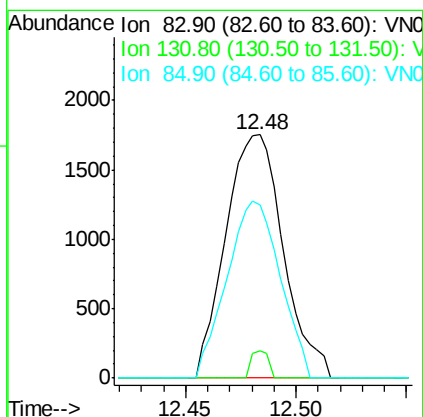
RT: 12.48 min Scan# 3331

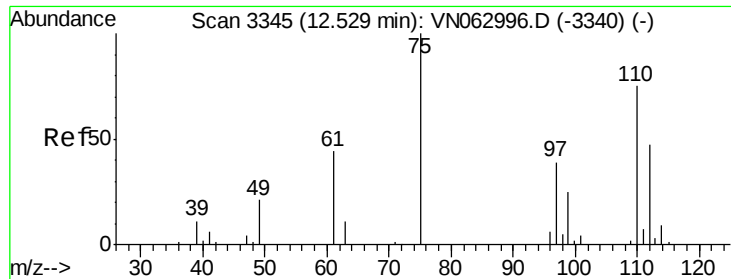
Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Tgt Ion:	83	Resp:	3176
Ion	Ratio	Lower	Upper
83	100		
131	3.4	4.9	14.7#
85	67.2	31.9	95.5





#76

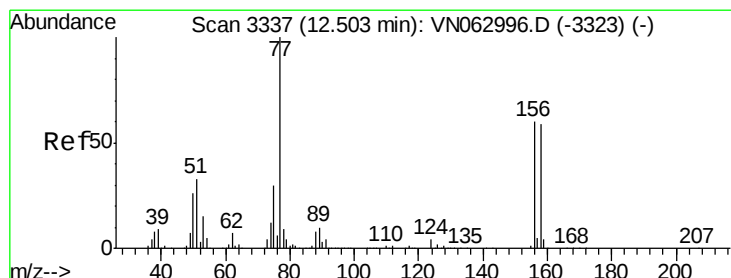
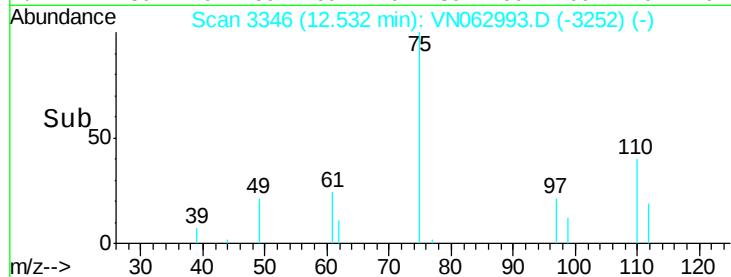
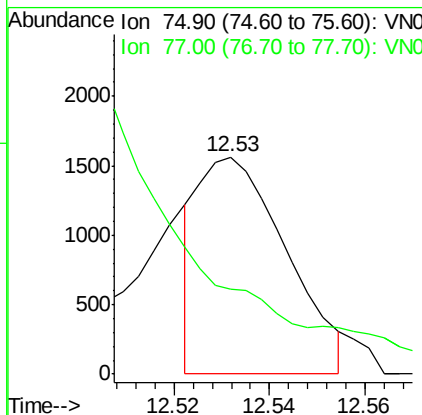
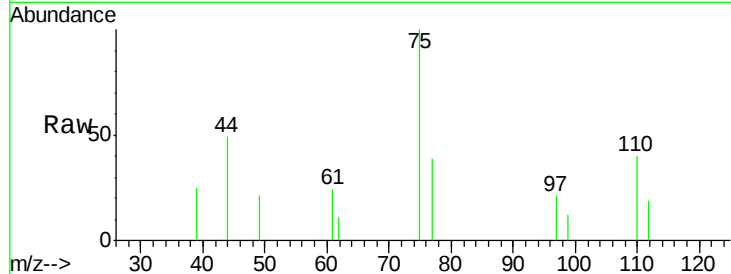
1,2,3-Trichloropropane
Concen: 1.047 ug/l m
RT: 12.53 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 1997
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

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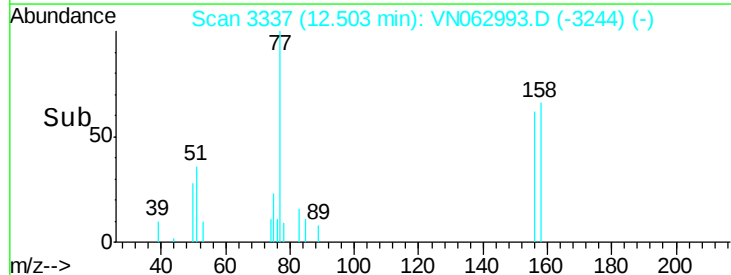
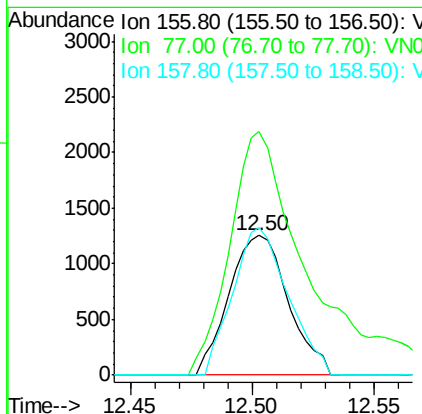
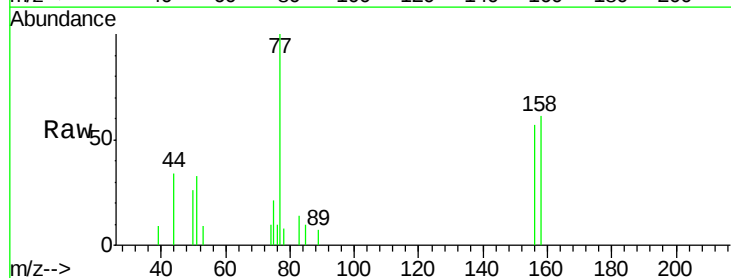
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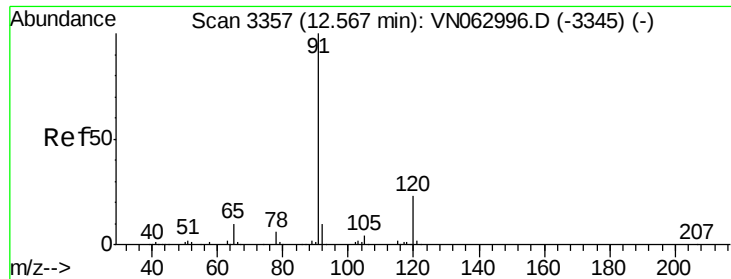


#77

Bromobenzene
Concen: 1.157 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion: 156 Resp: 2111
Ion Ratio Lower Upper
156 100
77 230.0 101.0 302.9
158 98.8 49.4 148.0





#78

n-propylbenzene

Concen: 0.900 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 6802

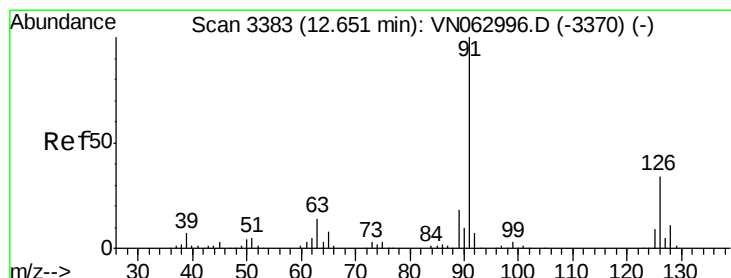
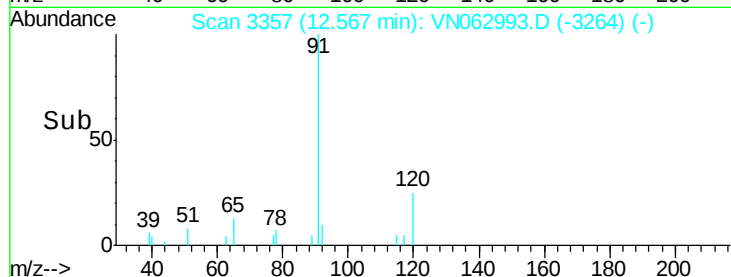
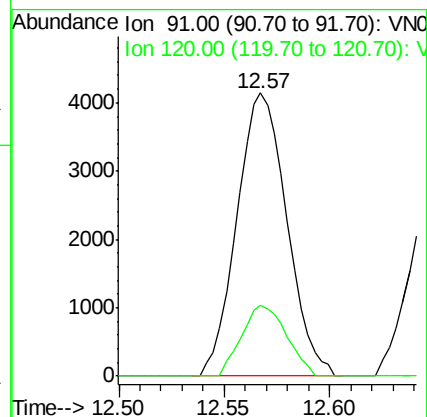
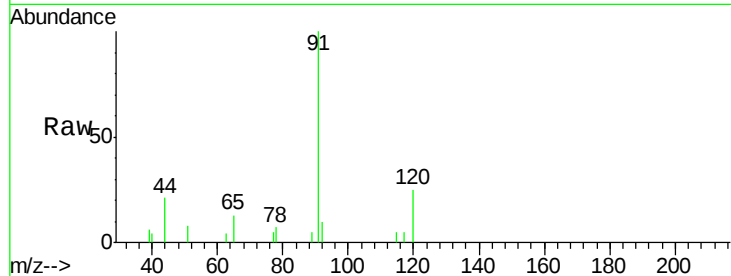
Ion Ratio Lower Upper

91 100

120 22.4 11.4 34.1

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#79

2-Chlorotoluene

Concen: 1.109 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062993.D

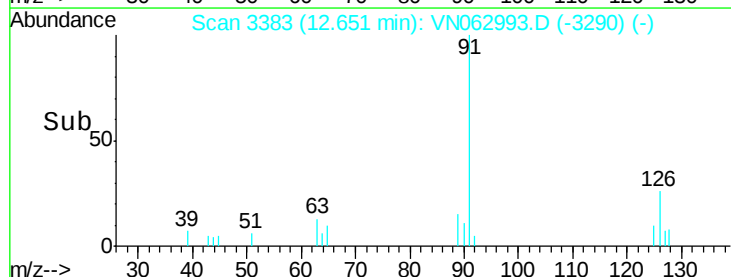
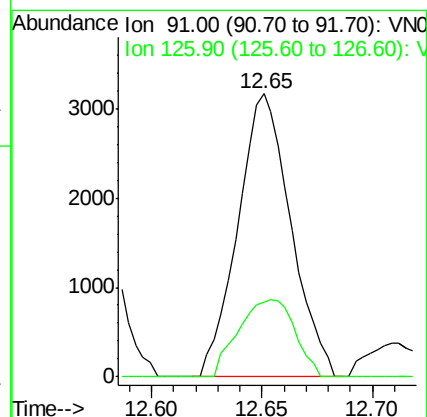
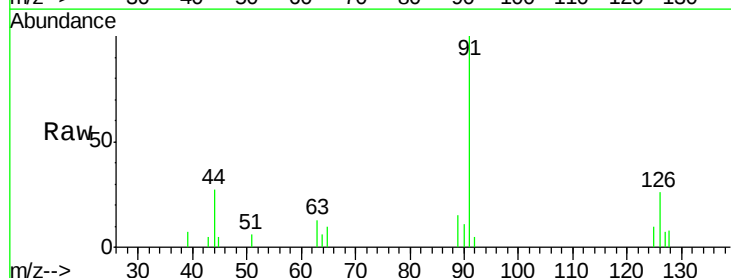
Acq: 18 Aug 2020 18:41

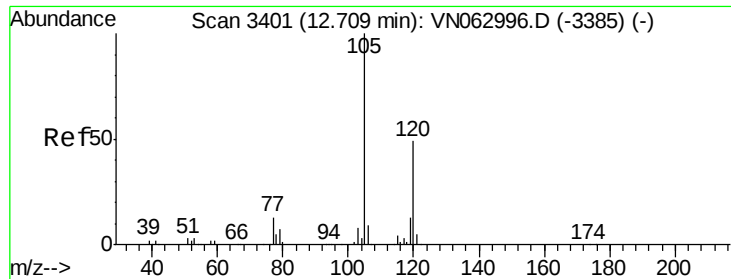
Tgt Ion: 91 Resp: 5276

Ion Ratio Lower Upper

91 100

126 29.0 17.1 51.2





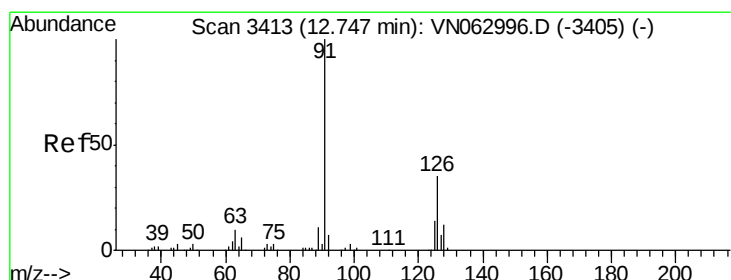
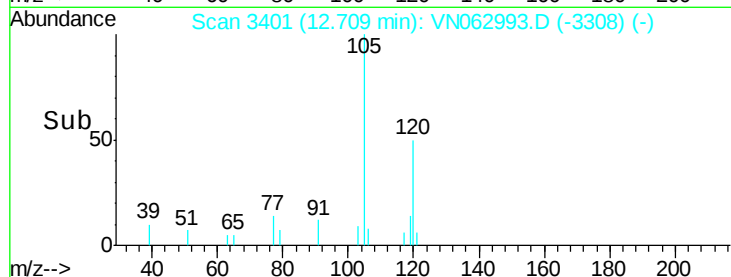
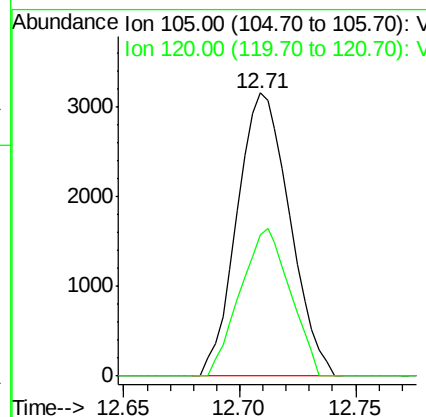
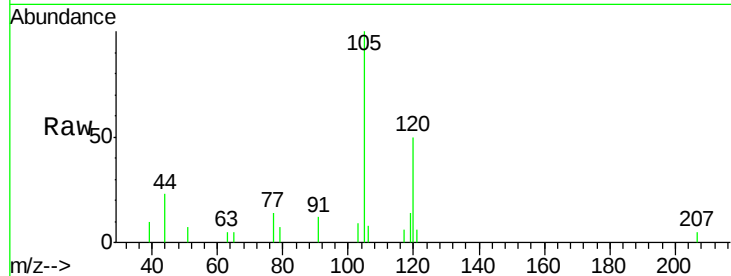
#80
 1,3,5-Trimethylbenzene
 Concen: 0.907 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 4974
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.3 72.8

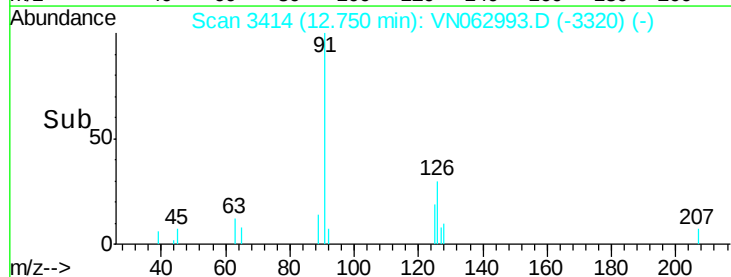
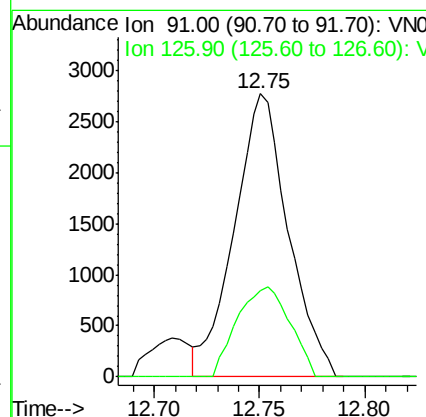
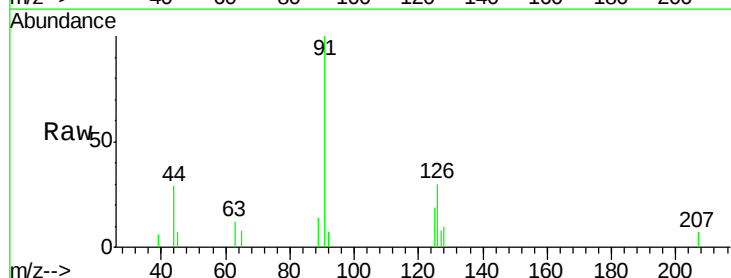
Manual Integrations
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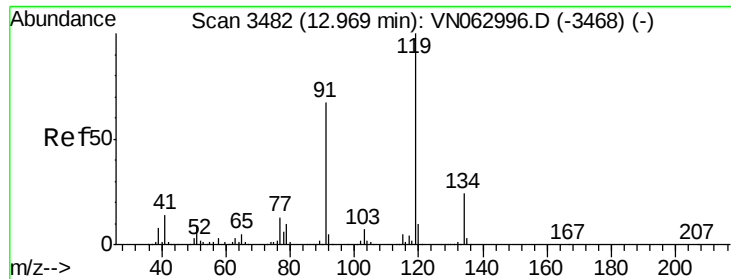
MMDadoda
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#82
 4-Chlorotoluene
 Concen: 1.013 ug/l
 RT: 12.75 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion: 91 Resp: 4908
 Ion Ratio Lower Upper
 91 100
 126 31.1 16.5 49.5





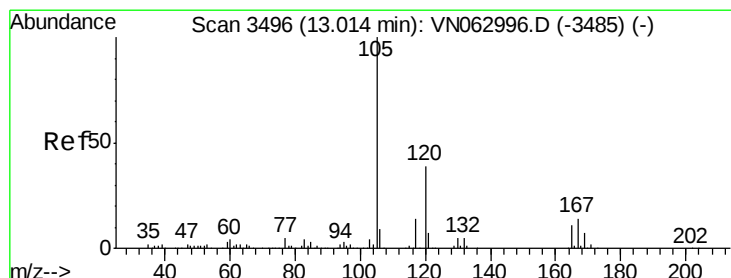
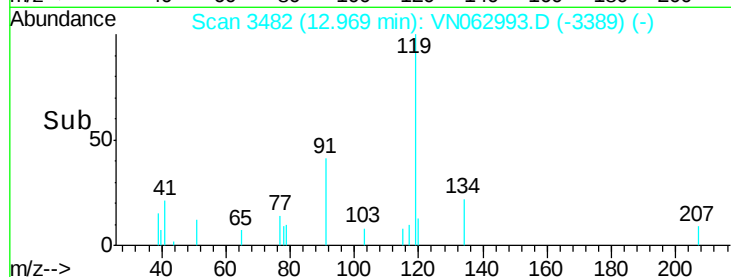
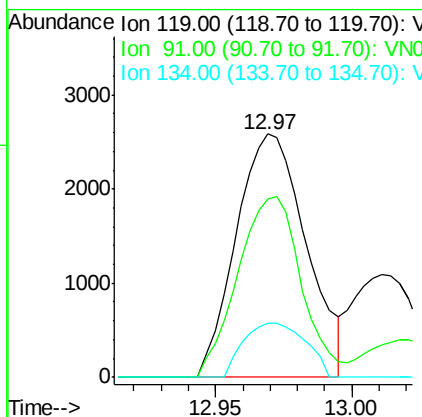
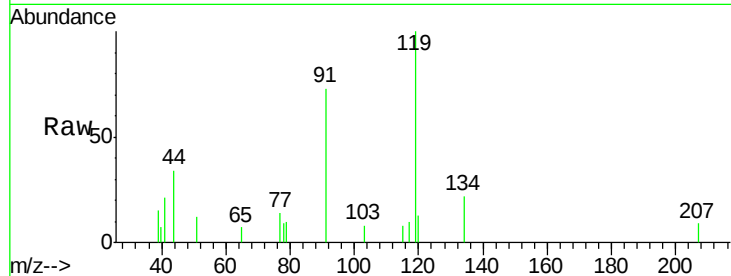
#83
 tert-Butylbenzene
 Concen: 0.972 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	32.5	97.4
134	19.8	13.1	39.3

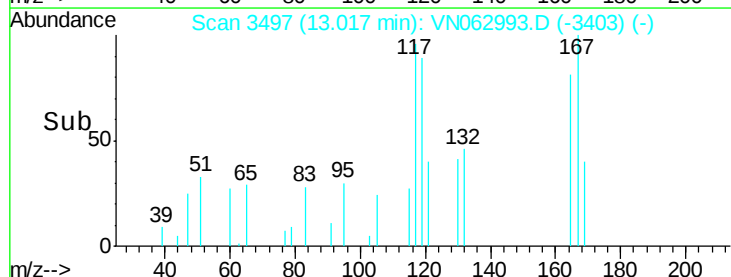
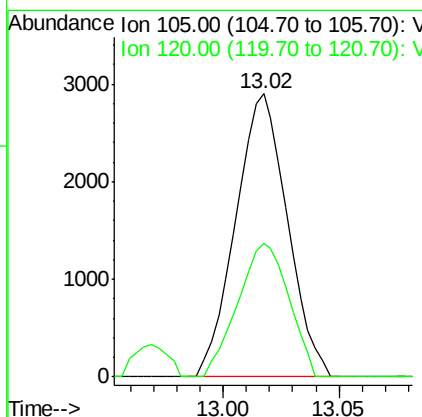
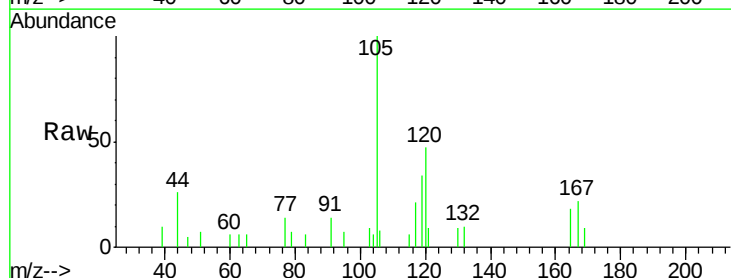
Manual Integrations
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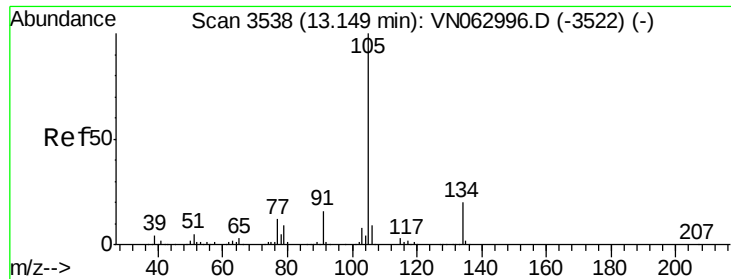
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.841 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.5	67.5





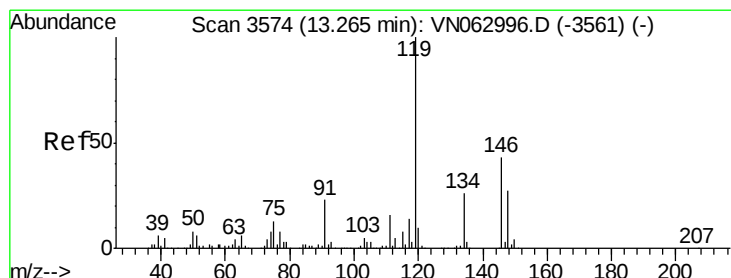
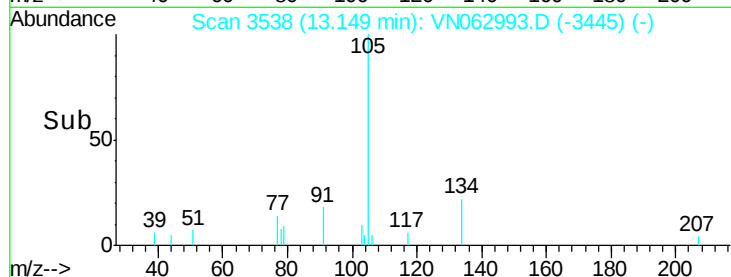
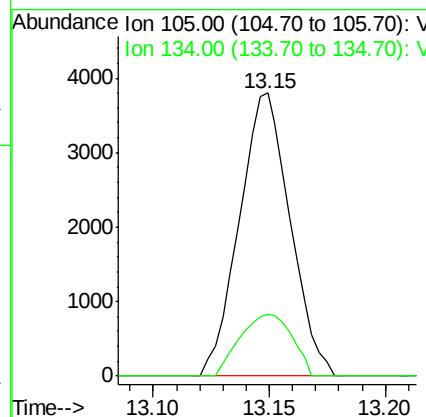
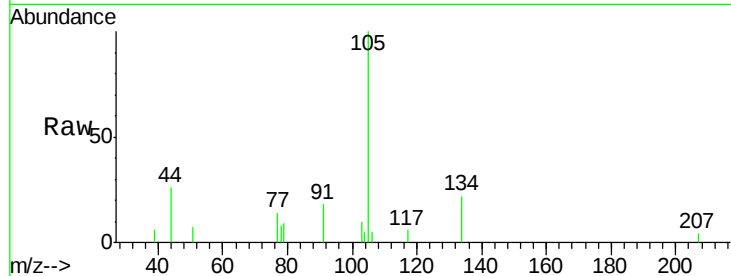
#85
 sec-Butylbenzene
 Concen: 0.903 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.3	9.8	29.4

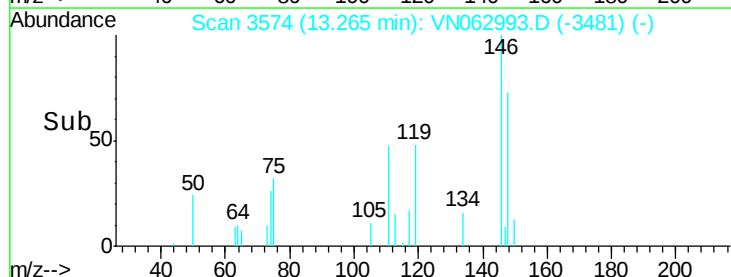
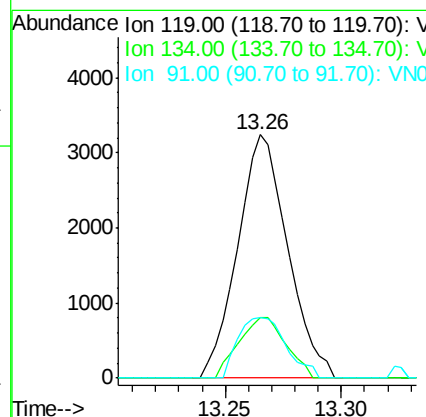
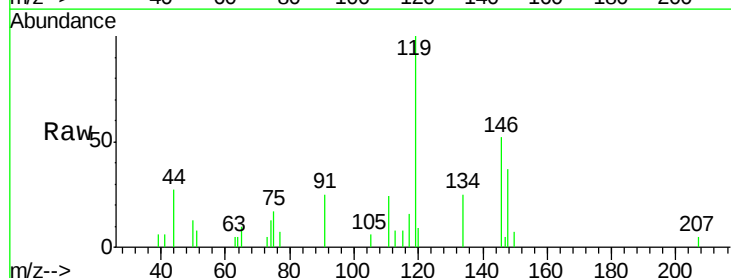
Manual Integrations
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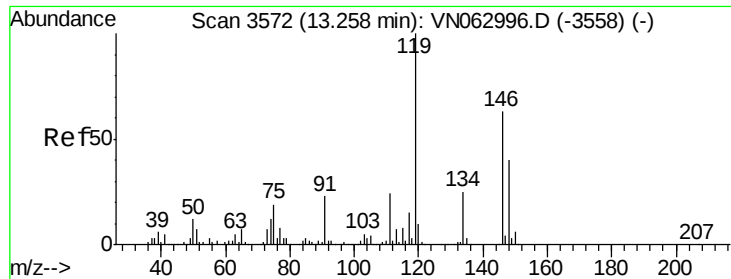
MMDadoda
 8/19/2020 5:46:06 PM



#86
 p-Isopropyltoluene
 Concen: 0.870 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.6	13.1	39.3
91	24.0	11.5	34.4





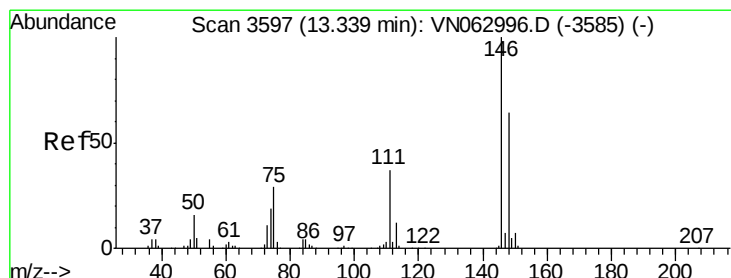
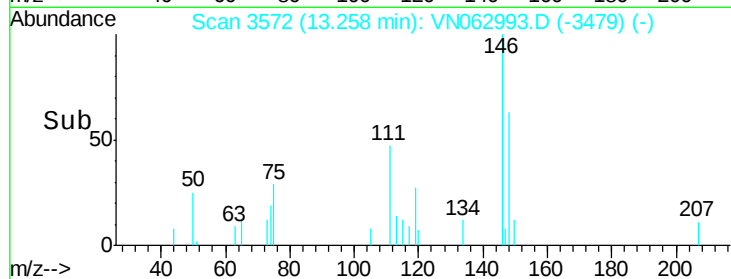
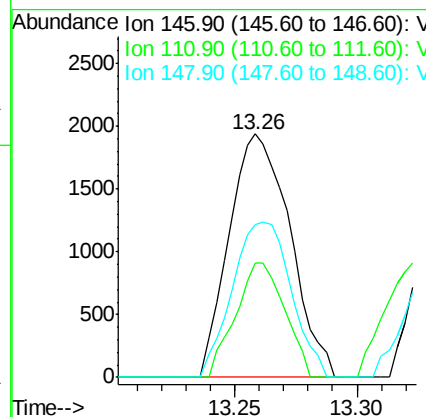
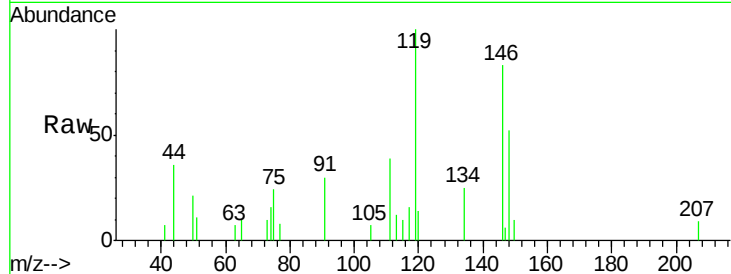
#87
 1,3-Dichlorobenzene
 Concen: 1.070 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.1
148	61.5	32.0	96.0

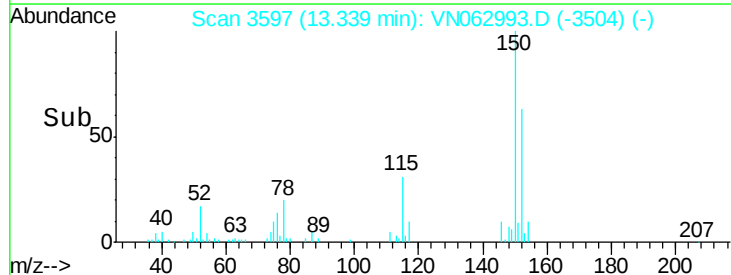
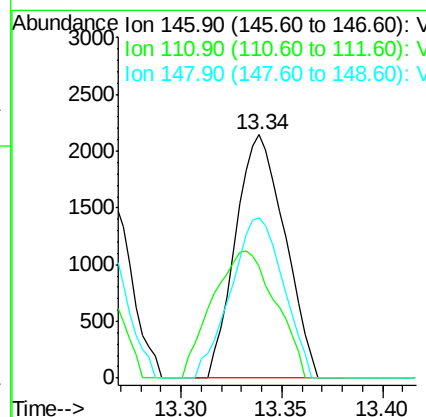
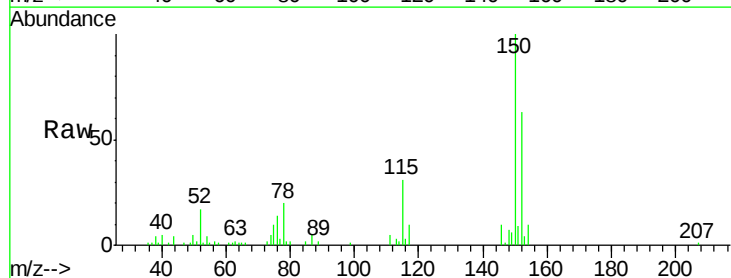
Manual Integrations
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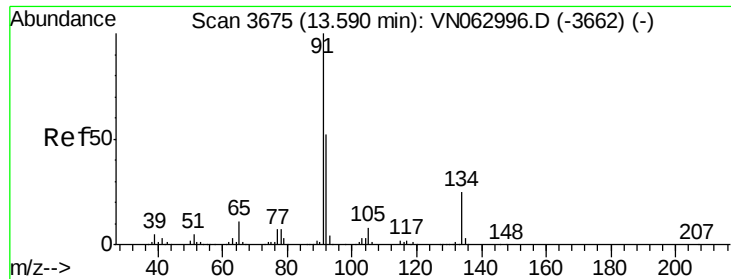
MMDadoda
 8/19/2020 5:46:06 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.136 ug/l m
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	18.8	56.4
148	57.0	32.4	97.0





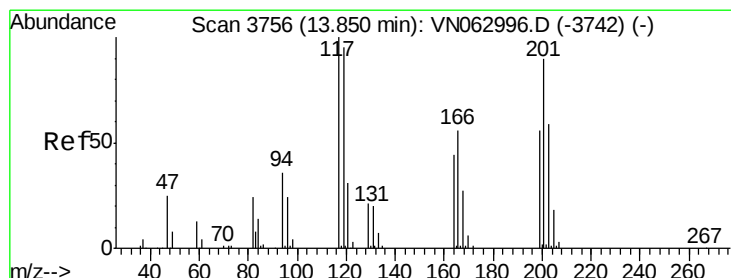
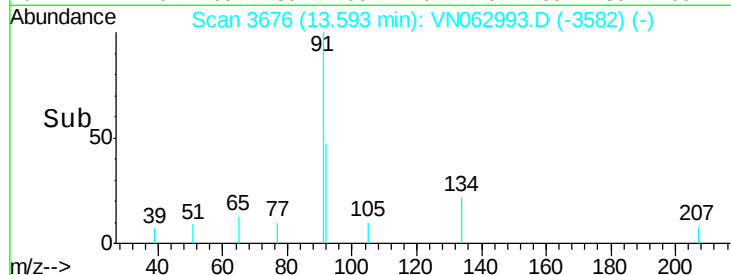
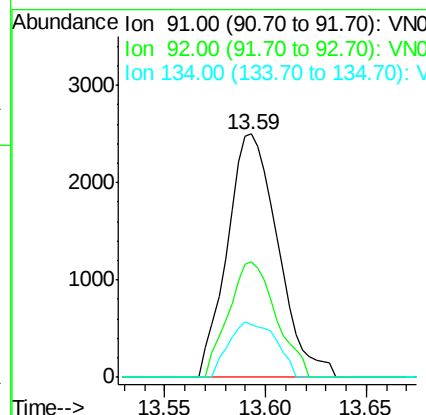
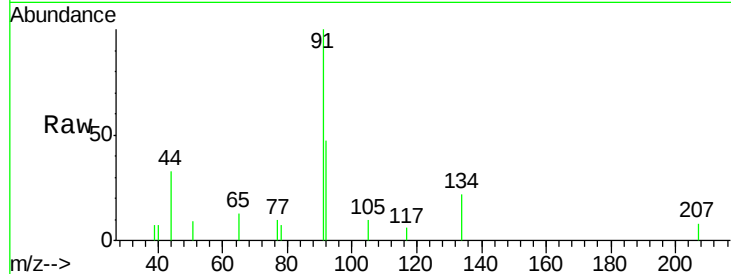
#89
n-Butylbenzene
Concen: 0.932 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	44.4	25.9	77.6
134	21.2	12.4	37.0

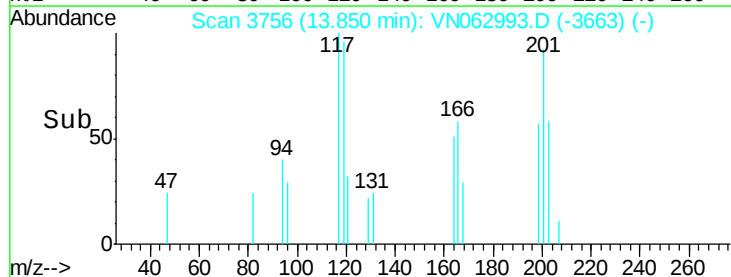
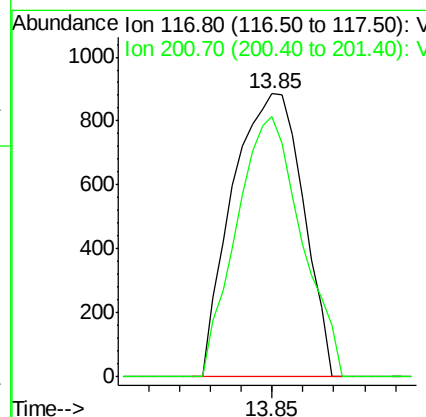
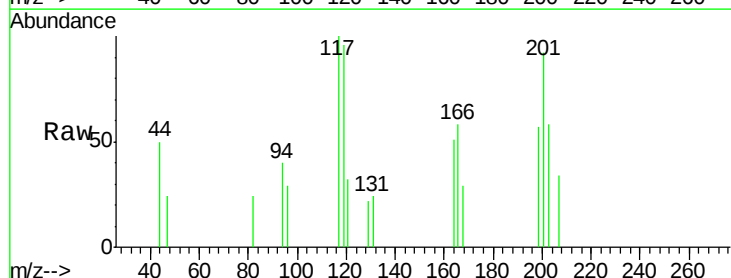
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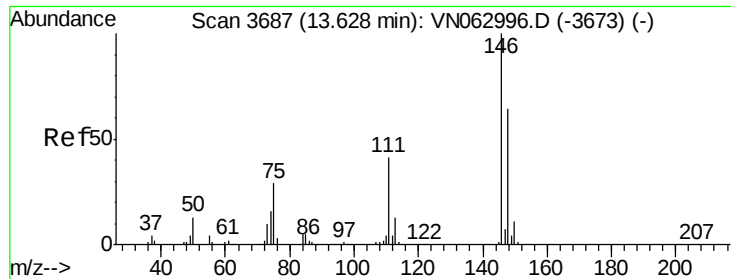
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#90
Hexachloroethane
Concen: 1.188 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062993.D
Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	44.1	132.4





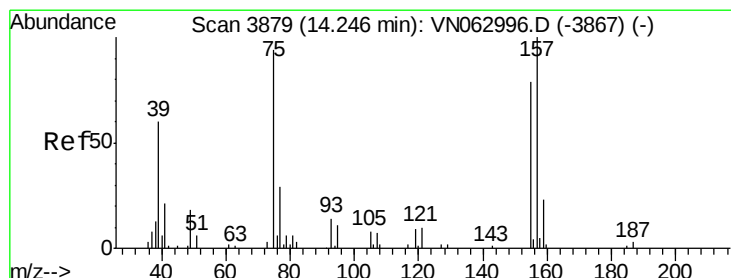
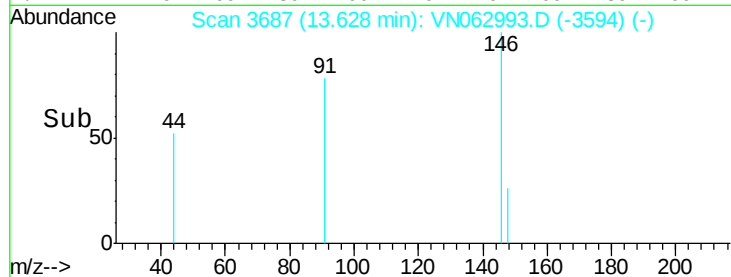
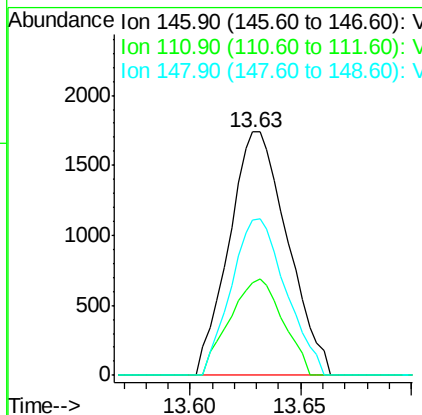
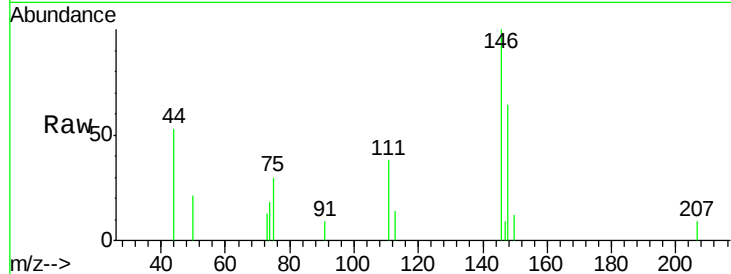
#91
 1,2-Dichlorobenzene
 Concen: 1.055 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	20.2	60.5
148	60.2	31.9	95.5

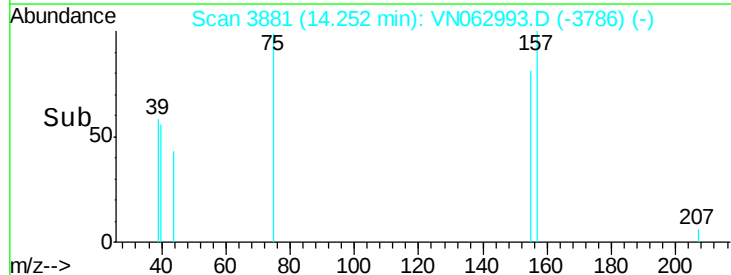
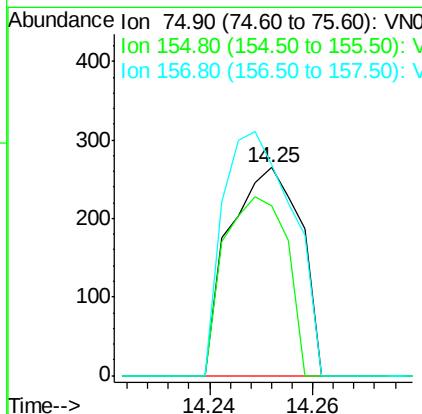
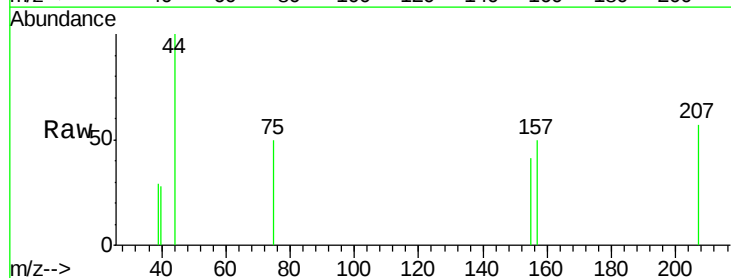
Manual Integrations
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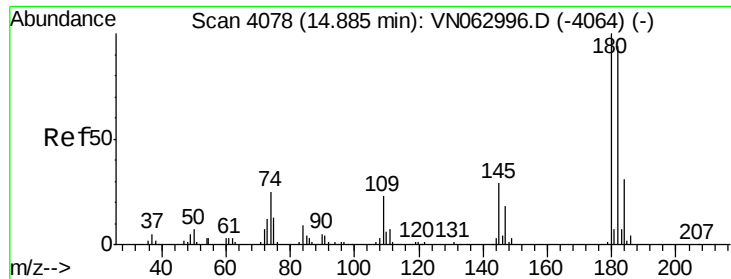
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.754 ug/l
 RT: 14.25 min Scan# 3881
 Delta R.T. 0.01 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	42.4	127.1
157	114.7	55.2	165.6





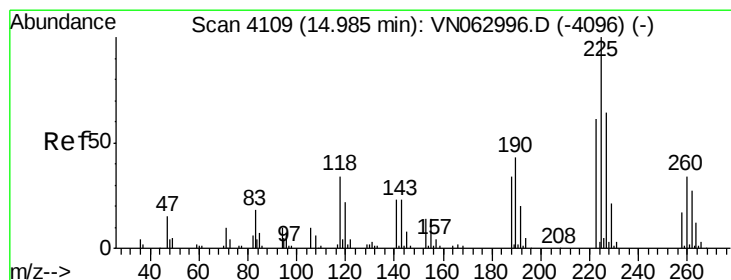
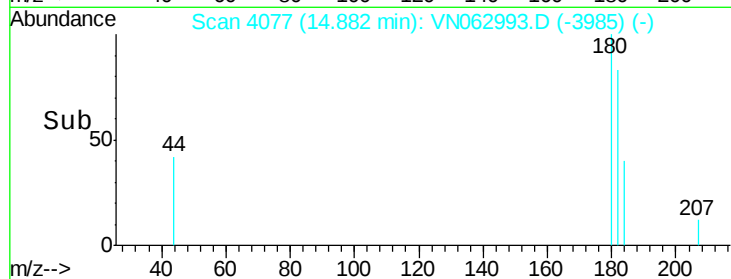
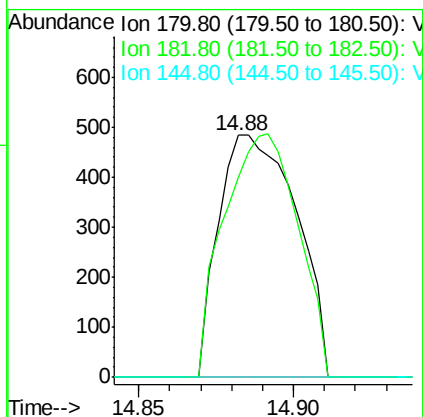
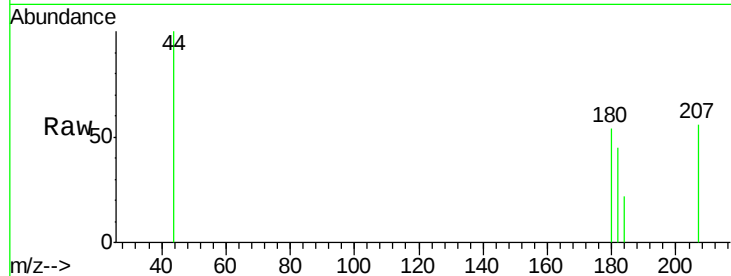
#93
 1,2,4-Trichlorobenzene
 Concen: 0.639 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	0.0	14.1	42.4#

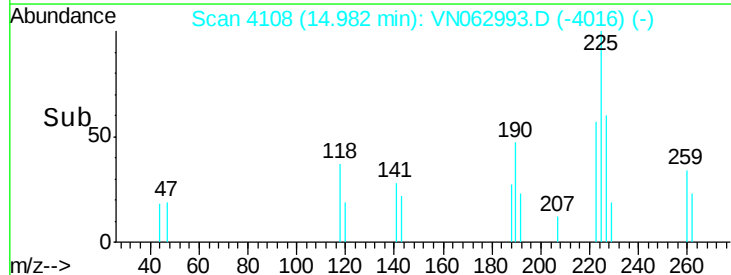
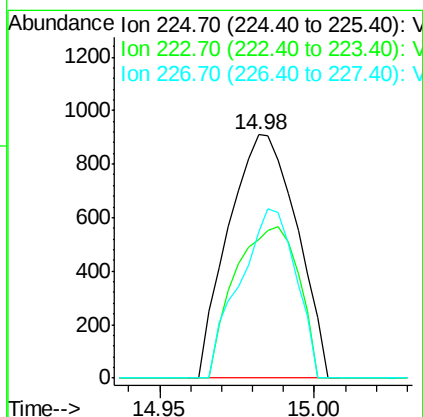
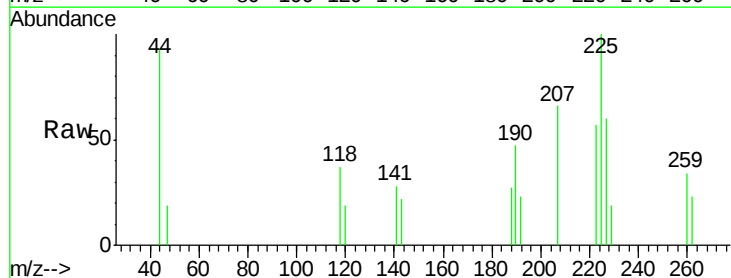
Manual Integrations
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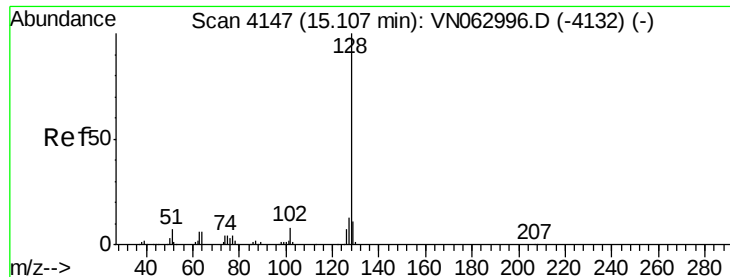
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 1.248 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062993.D
 Acq: 18 Aug 2020 18:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.4	30.9	92.5
227	57.3	31.9	95.9





#95

Naphthalene

Concen: 0.649 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Instrument :

MSVOA_N

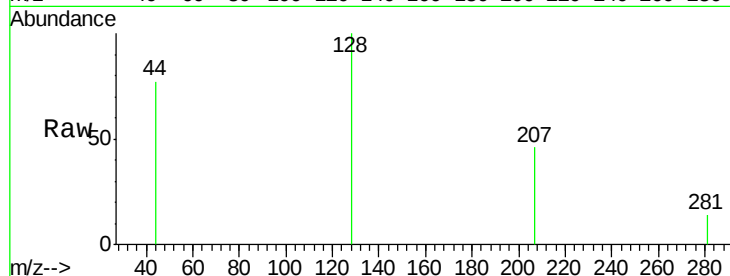
ClientSampleId :

VSTDIC001

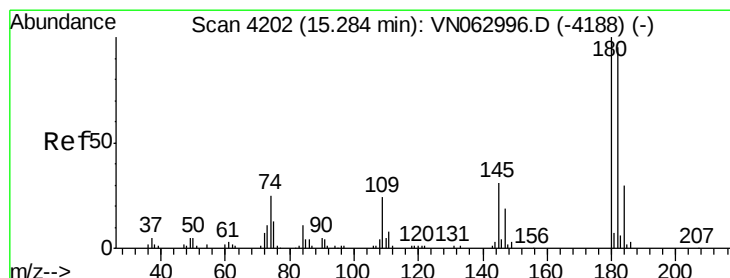
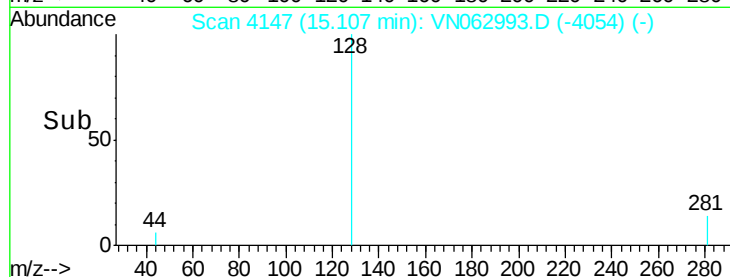
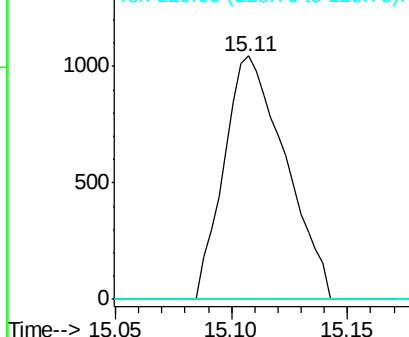
Tot Ion:	128	Resp:	1915
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	16.0#
129	0.0	8.9	13.3#

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.686 ug/l

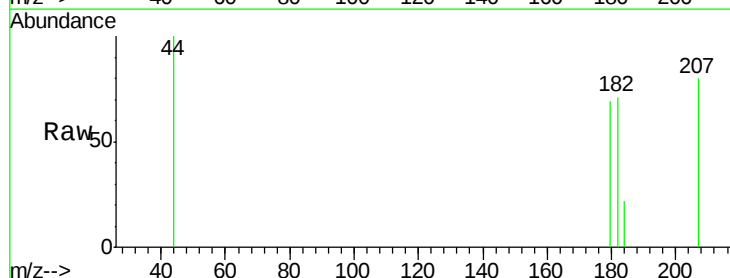
RT: 15.30 min Scan# 4206

Delta R.T. 0.01 min

Lab File: VN062993.D

Acq: 18 Aug 2020 18:41

Tgt Ion:	180	Resp:	912
Ion Ratio	Lower	Upper	
180	100		
182	123.1	47.3	141.9
145	17.8	15.6	46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

