

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062566.D
 Acq On : 21 Jul 2020 11:57
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:34 PM

Quant Time: Jul 21 13:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	363758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	337624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138993	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	17735	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	
35) Dibromofluoromethane	7.54	113	12094	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
50) Toluene-d8	10.06	98	47421	5.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.62%	
62) 4-Bromofluorobenzene	12.38	95	15823	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	13730	6.110	ug/l	99
3) Chloromethane	2.04	50	17926	5.084	ug/l	100
4) Vinyl Chloride	2.16	62	16212	5.554	ug/l	96
5) Bromomethane	2.52	94	7352	4.879	ug/l	94
6) Chloroethane	2.66	64	7478	4.570	ug/l	98
7) Trichlorofluoromethane	2.98	101	18932	5.149	ug/l	95
8) Diethyl Ether	3.37	74	8699	5.265	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	12941	5.908	ug/l	96
10) Methyl Iodide	3.91	142	12340m	4.290	ug/l	
11) Tert butyl alcohol	4.73	59	14088	25.639	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	12585	5.630	ug/l	95
13) Acrolein	3.57	56	9689	22.249	ug/l	100
14) Allyl chloride	4.27	41	25693	4.947	ug/l	97
15) Acrylonitrile	4.93	53	35999	24.920	ug/l	99
16) Acetone	3.78	43	32770	23.440	ug/l	93
17) Carbon Disulfide	4.01	76	40678	5.772	ug/l	100
18) Methyl Acetate	4.29	43	16425	4.712	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	43392	5.123	ug/l	99
20) Methylene Chloride	4.50	84	16622	5.464	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	13795	5.698	ug/l	98
22) Diisopropyl ether	5.91	45	51481	5.016	ug/l #	88
23) Vinyl Acetate	5.84	43	205459	24.166	ug/l	99
24) 1,1-Dichloroethane	5.79	63	28479	5.337	ug/l	97
25) 2-Butanone	6.79	43	48032	23.498	ug/l	98
26) 2,2-Dichloropropane	6.78	77	23319	5.638	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	15644	5.575	ug/l	99
28) Bromochloromethane	7.15	49	14395	5.001	ug/l	98
29) Tetrahydrofuran	7.17	42	32931	23.877	ug/l	99
30) Chloroform	7.33	83	27586	5.691	ug/l	100
31) Cyclohexane	7.62	56	27667	5.493	ug/l #	74
32) 1,1,1-Trichloroethane	7.53	97	22798	5.639	ug/l	98
36) 1,1-Dichloropropene	7.75	75	20137	5.499	ug/l	97
37) Ethyl Acetate	6.89	43	20914	4.912	ug/l	98
38) Carbon Tetrachloride	7.73	117	19598	5.858	ug/l	97

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 ALS Vial : 5 Sample Multiplier: 1

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	20440	5.232	ug/l	97
40) Benzene	8.00	78	61139	5.631	ug/l	99
41) Methacrylonitrile	7.13	41	8887	5.092	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	22977	5.780	ug/l	98
43) Isopropyl Acetate	8.13	43	33616	4.996	ug/l	99
44) Trichloroethene	8.80	130	13878	5.740	ug/l	98
45) 1,2-Dichloropropane	9.08	63	17449	5.569	ug/l	98
46) Dibromomethane	9.17	93	10068	5.657	ug/l	99
47) Bromodichloromethane	9.37	83	21005	5.534	ug/l #	98
48) Methyl methacrylate	9.17	41	15145	4.610	ug/l	96
49) 1,4-Dioxane	9.17	88	4869	100.641	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	99120	24.706	ug/l	97
52) Toluene	10.12	92	34027	5.399	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	22504	5.277	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	24147	5.143	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	14031	5.703	ug/l	96
56) Ethyl methacrylate	10.40	69	19274	4.703	ug/l	94
57) 1,3-Dichloropropane	10.68	76	23973	5.269	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	25600	18.121	ug/l	100
59) 2-Hexanone	10.72	43	67952	23.308	ug/l	96
60) Dibromochloromethane	10.87	129	15227	5.654	ug/l	97
61) 1,2-Dibromoethane	10.98	107	14015	5.599	ug/l	97
64) Tetrachloroethene	10.60	164	11523	5.715	ug/l	95
65) Chlorobenzene	11.41	112	36701	5.575	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	13190	5.435	ug/l	98
67) Ethyl Benzene	11.48	91	64770	5.262	ug/l	98
68) m/p-Xylenes	11.60	106	45275	10.345	ug/l	99
69) o-Xylene	11.92	106	21960	5.166	ug/l	100
70) Styrene	11.94	104	35598	5.062	ug/l	98
71) Bromoform	12.10	173	10323	5.780	ug/l #	94
73) Isopropylbenzene	12.22	105	59235	5.520	ug/l	97
74) N-amyl acetate	12.05	43	22637	4.389	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	21435	5.945	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	18960m	5.510	ug/l	
77) Bromobenzene	12.50	156	14635	5.974	ug/l	93
78) n-propylbenzene	12.57	91	65184	5.211	ug/l	98
79) 2-Chlorotoluene	12.65	91	42912	5.635	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	47846	5.412	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	6231	4.927	ug/l	98
82) 4-Chlorotoluene	12.75	91	47845	6.182	ug/l	94
83) tert-Butylbenzene	12.97	119	38178	5.108	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	44880	5.123	ug/l	100
85) sec-Butylbenzene	13.15	105	51886	5.249	ug/l	99
86) p-Isopropyltoluene	13.26	119	42624	4.997	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	24201	5.729	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	23682	5.458	ug/l	92
89) n-Butylbenzene	13.59	91	33998	4.535	ug/l	100
90) Hexachloroethane	13.85	117	9982	5.932	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	23479	5.738	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	3244	4.942	ug/l	96

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MSVOA_N
ClientSampleId :
VSTDICC005

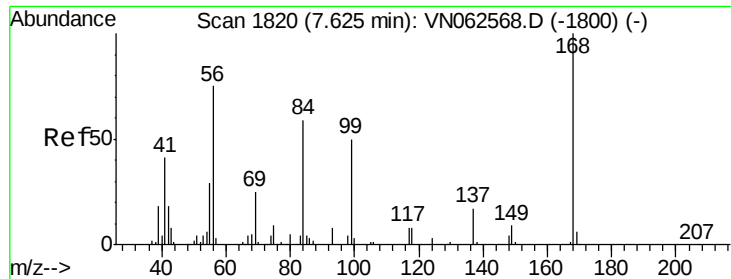
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 13:13:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	7785	4.239	ug/l	98
94) Hexachlorobutadiene	14.98	225	6557	5.977	ug/l	92
95) Naphthalene	15.10	128	18675	3.631	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	8401	4.396	ug/l	97

(#) = 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: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 217815

Ion Ratio Lower Upper

168 100

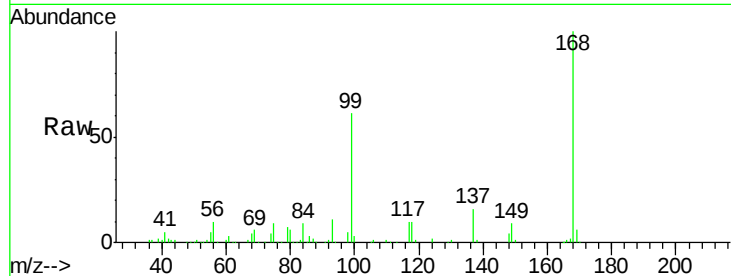
99 60.5 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

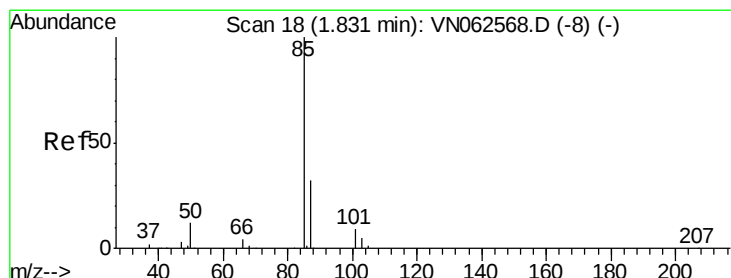
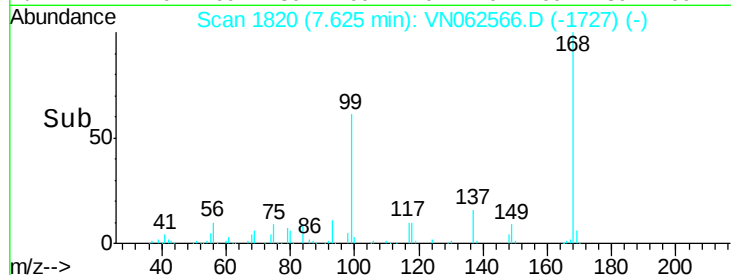
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 6.110 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062566.D

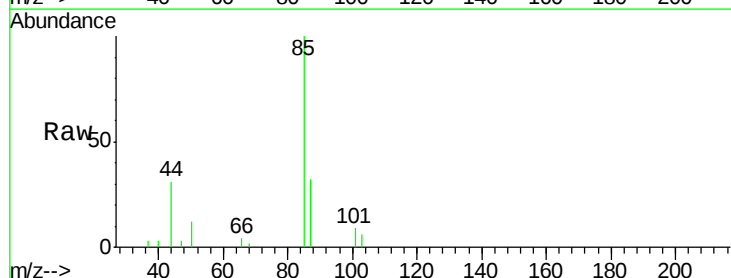
Acq: 21 Jul 2020 11:57

Tgt Ion: 85 Resp: 13730

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

10000

8000

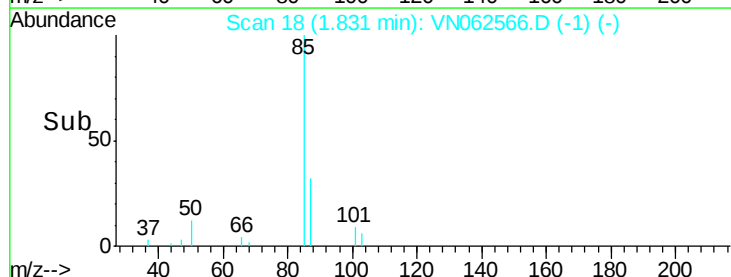
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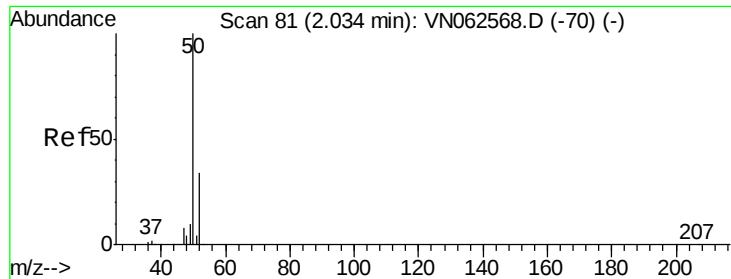
4000

2000

0

Time-->





#3

Chloromethane

Concen: 5.084 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 50 Resp: 17926

Ion Ratio Lower Upper

50 100

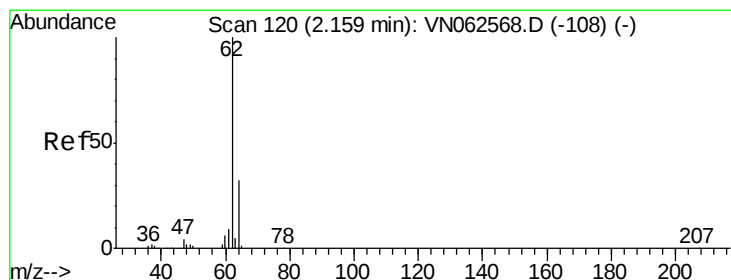
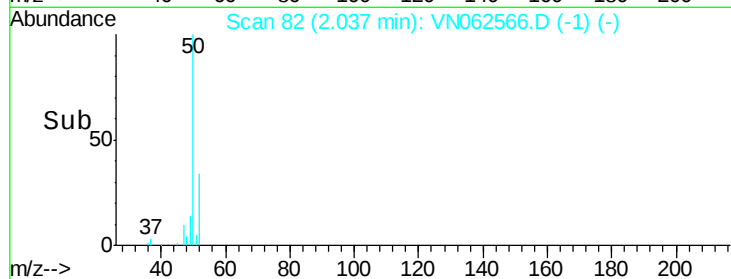
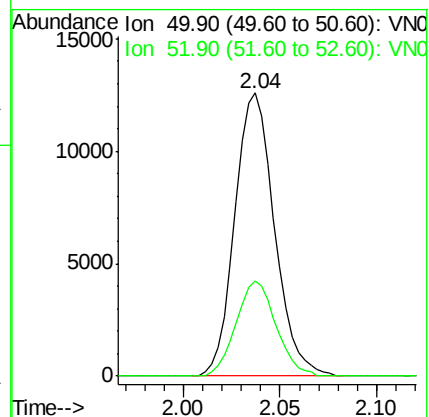
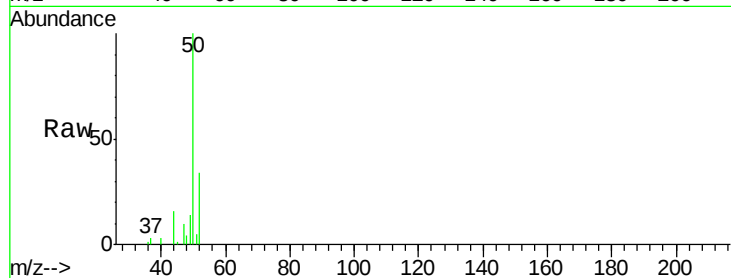
52 33.7 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.554 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062566.D

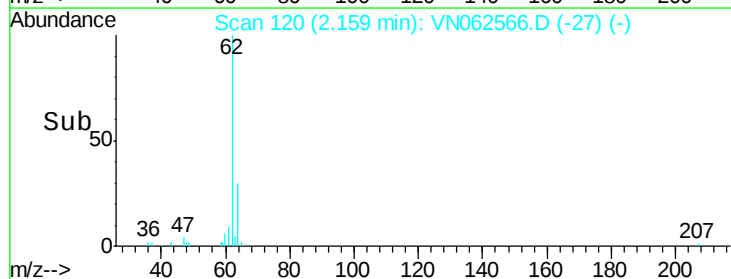
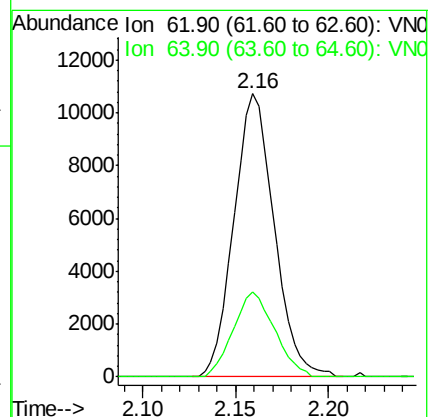
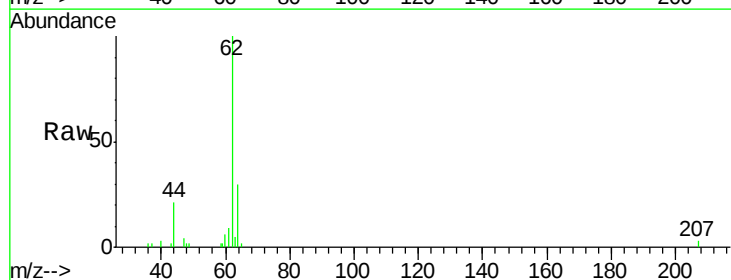
Acq: 21 Jul 2020 11:57

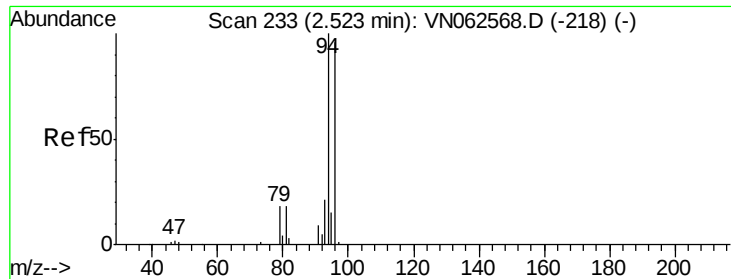
Tgt Ion: 62 Resp: 16212

Ion Ratio Lower Upper

62 100

64 30.0 25.8 38.8





#5

Bromomethane

Concen: 4.879 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7352

Ion Ratio Lower Upper

94 100

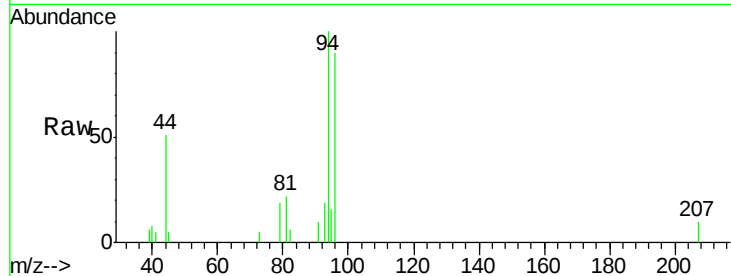
96 90.3 76.6 114.8

Manual Integrations

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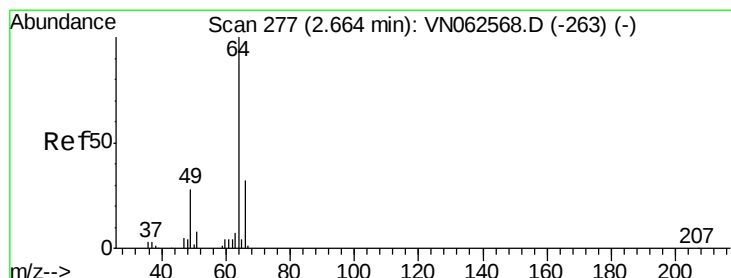
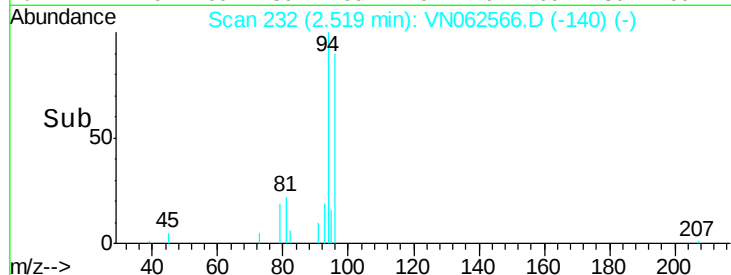
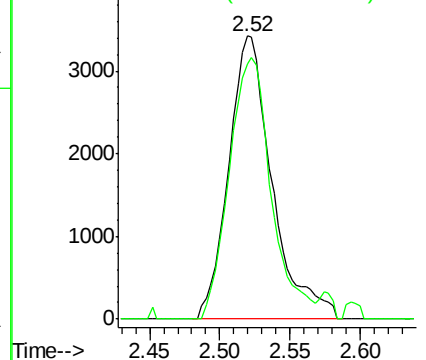
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 4.570 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062566.D

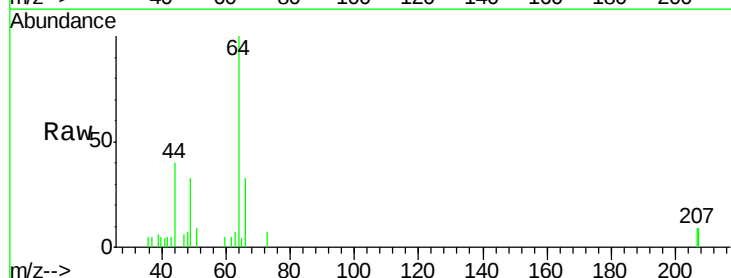
Acq: 21 Jul 2020 11:57

Tgt Ion: 64 Resp: 7478

Ion Ratio Lower Upper

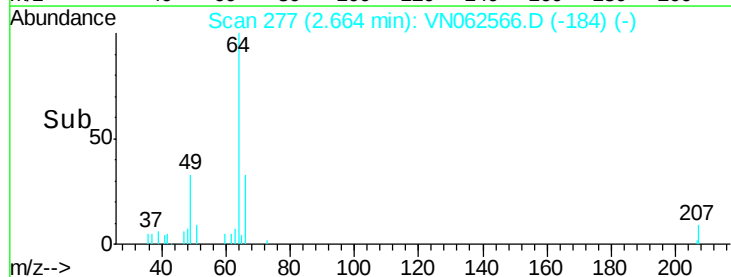
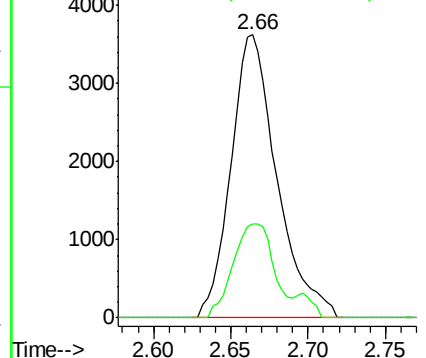
64 100

66 33.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

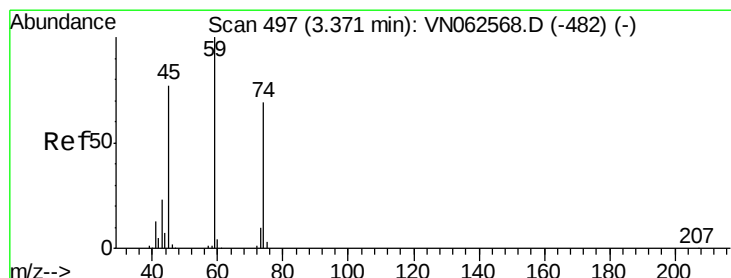
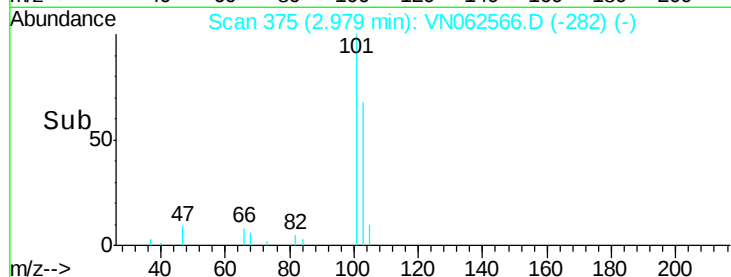
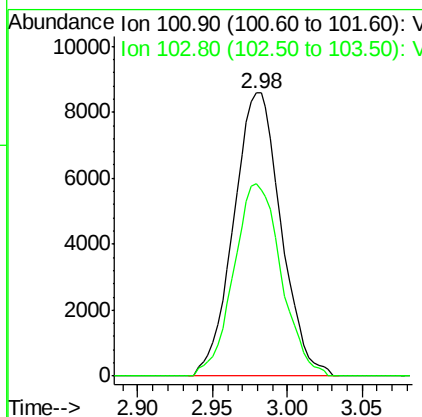
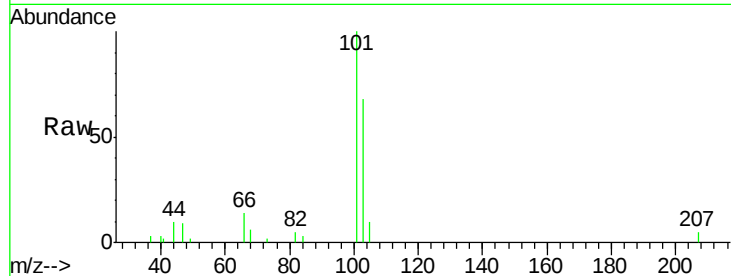
Trichlorofluoromethane
 Concen: 5.149 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.9	51.5	77.3

Manual Integrations
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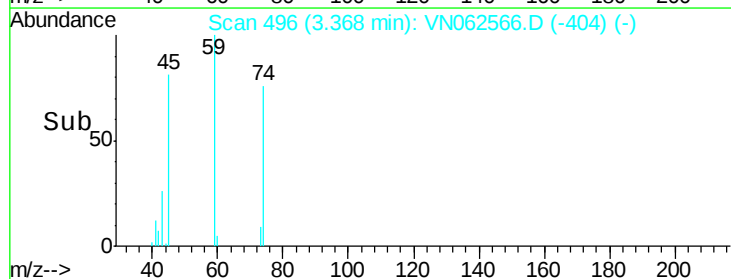
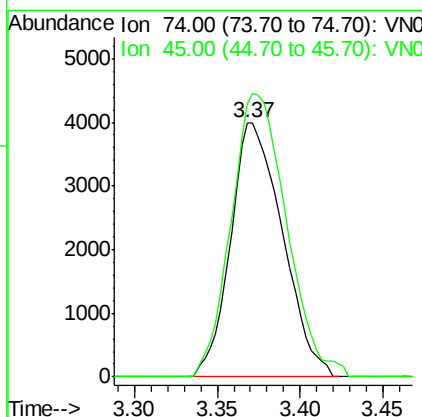
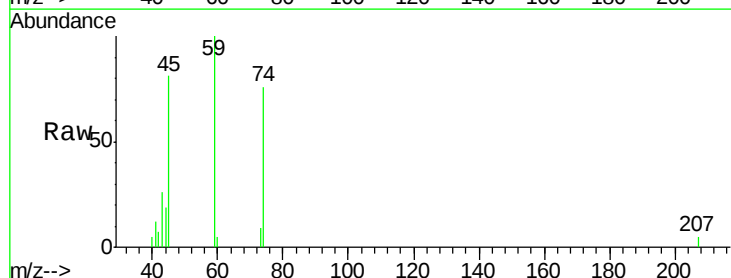
MMDadoda
 7/22/2020 2:45:34 PM

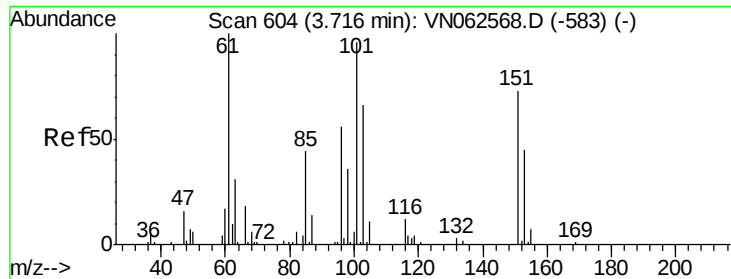


#8

Diethyl Ether
 Concen: 5.265 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.7	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.908 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

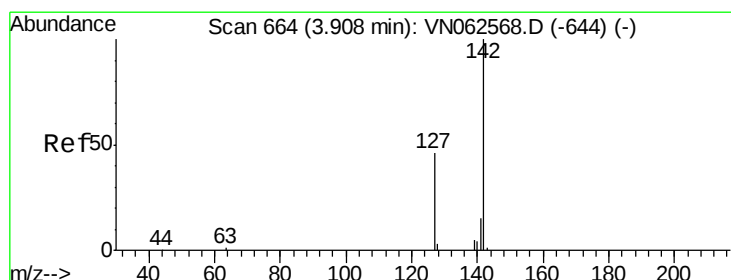
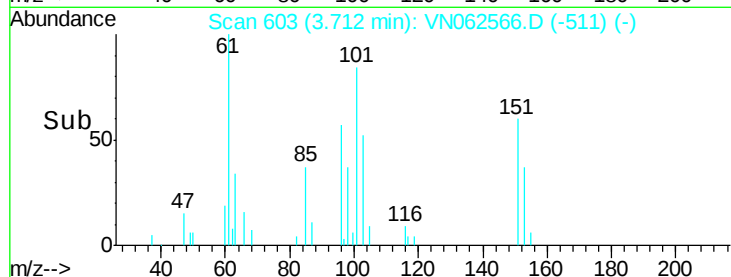
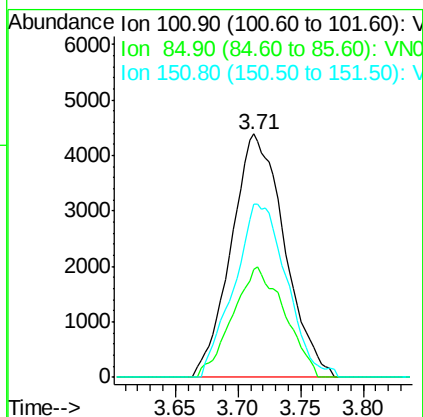
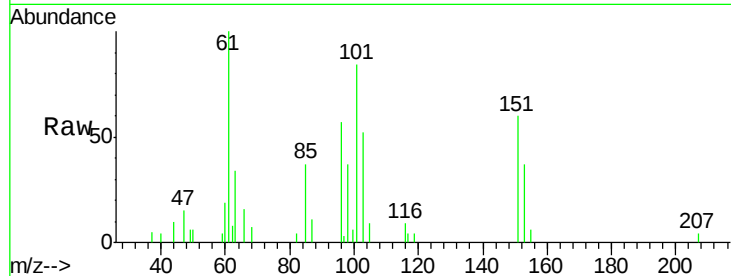
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	12941
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	70.5	60.0	90.0

Manual Integrations
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#10

Methyl Iodide

Concen: 4.290 ug/l m

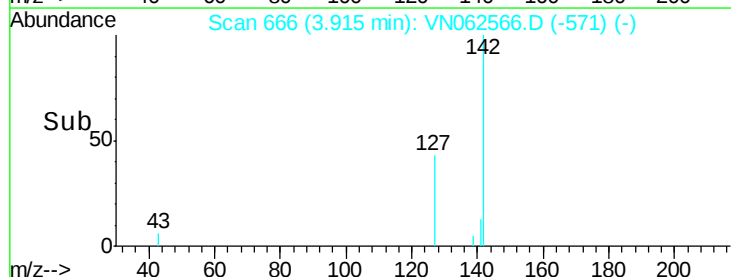
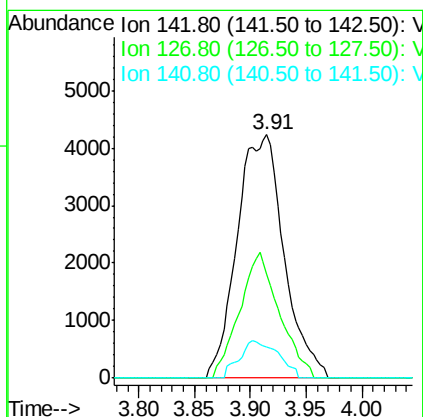
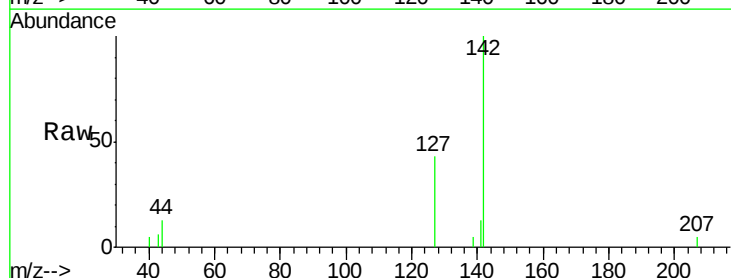
RT: 3.91 min Scan# 666

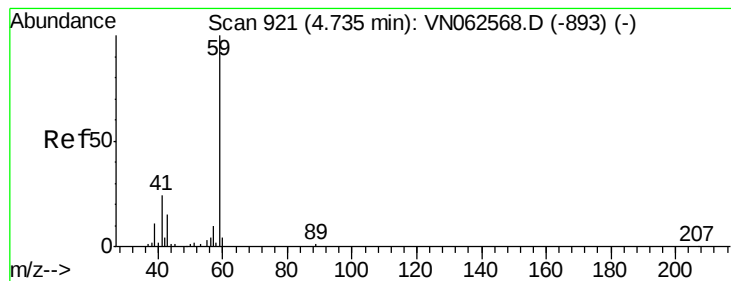
Delta R.T. 0.01 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion:	142	Resp:	12340
Ion Ratio	Lower	Upper	
142	100		
127	43.9	37.4	56.0
141	12.8	11.9	17.9





#11

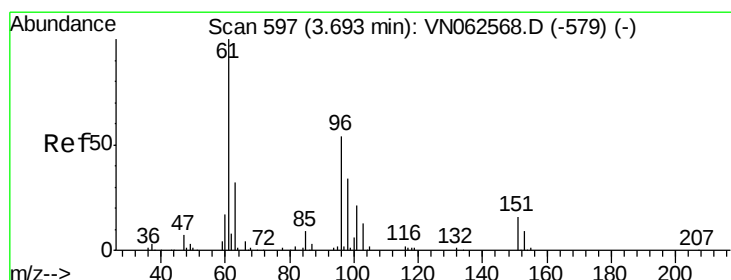
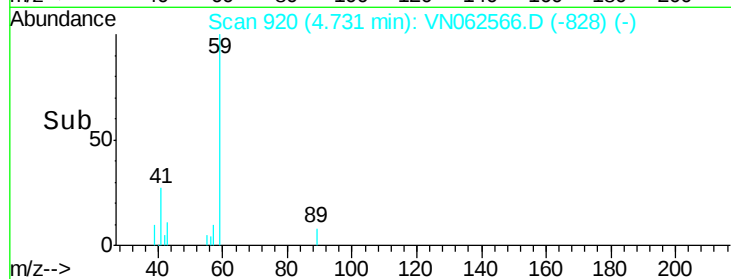
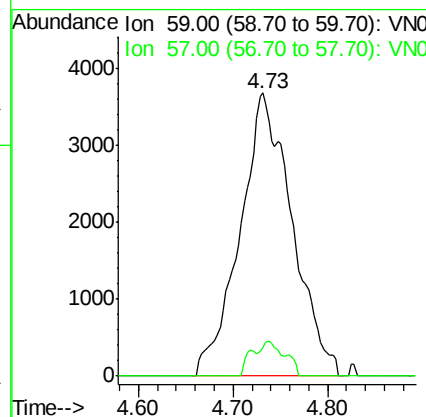
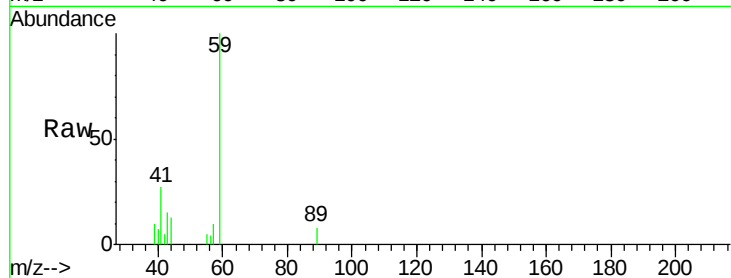
Tert butyl alcohol
 Concen: 25.639 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 59 Resp: 14088
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.2 12.2#

Manual Integrations
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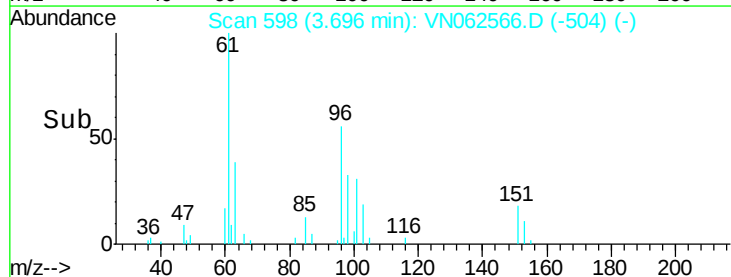
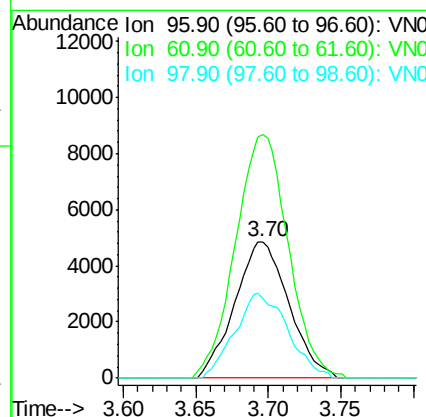
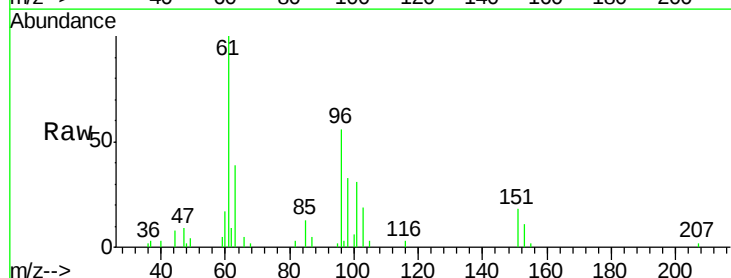
MMDadoda
 7/22/2020 2:45:34 PM

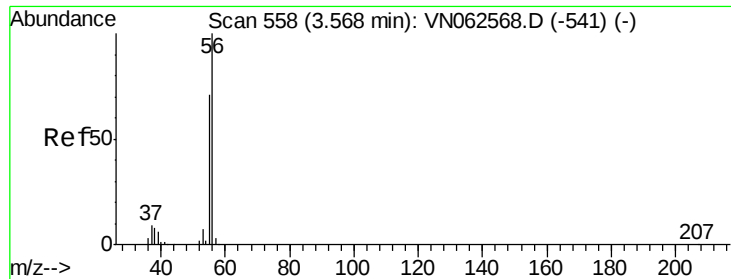


#12

1,1-Dichloroethene
 Concen: 5.630 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 96 Resp: 12585
 Ion Ratio Lower Upper
 96 100
 61 178.2 148.6 222.8
 98 58.5 50.6 75.8





#13

Acrolein

Concen: 22.249 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 9689

Ion Ratio Lower Upper

56 100

55 71.4

57.0

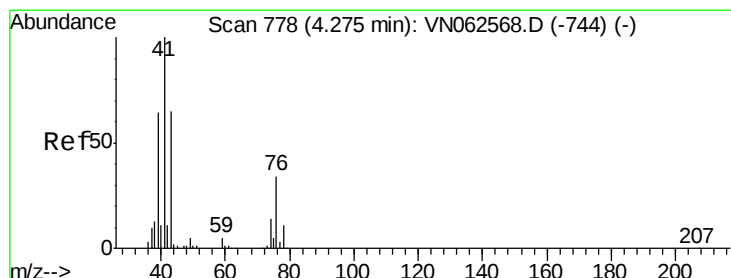
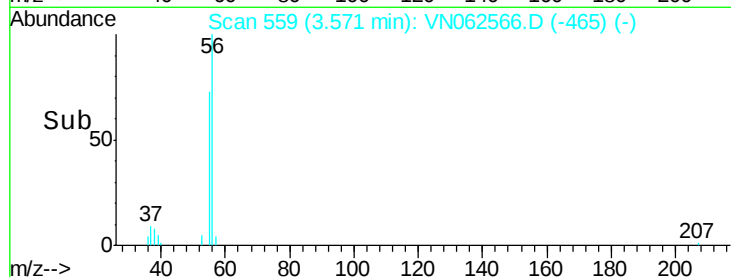
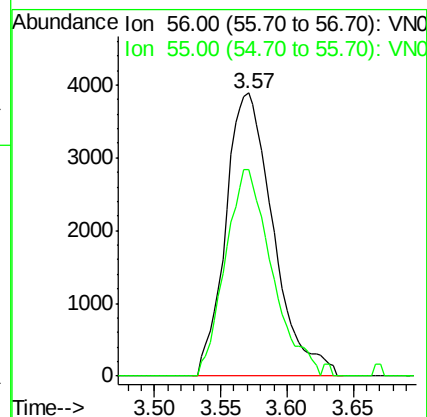
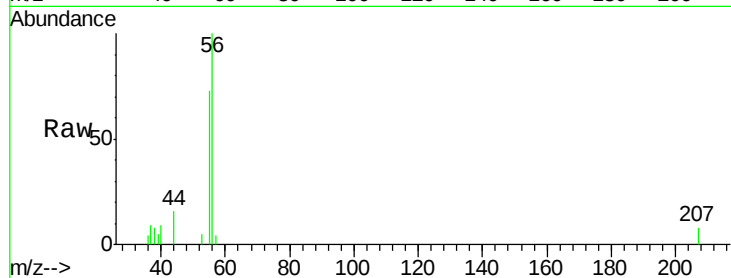
85.4

Manual Integrations

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#14

Allyl chloride

Concen: 4.947 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion: 41 Resp: 25693

Ion Ratio Lower Upper

41 100

39 64.3

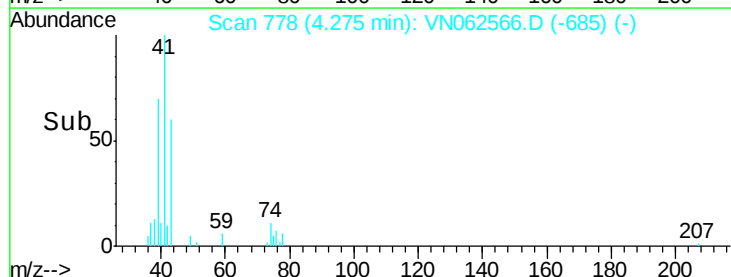
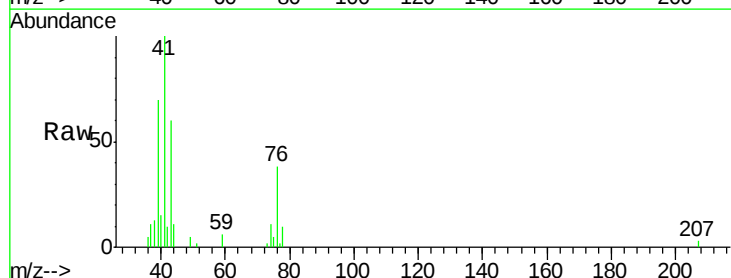
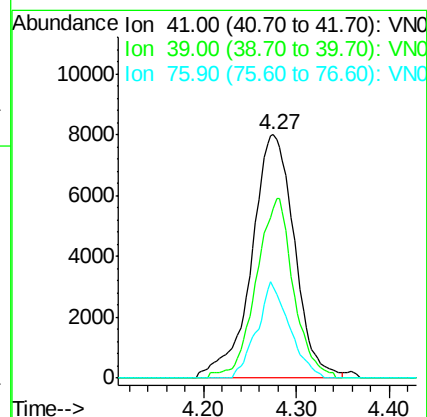
49.0

73.4

76 29.9

24.0

36.0





#15

Acrylonitrile

Concen: 24.920 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

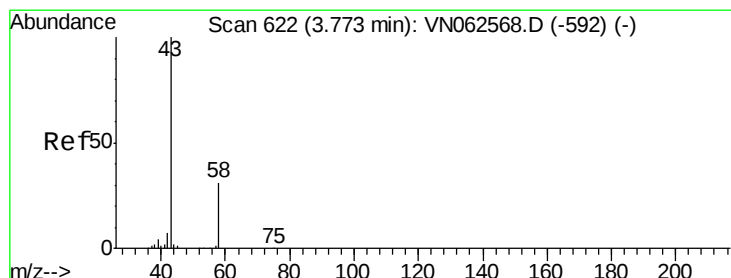
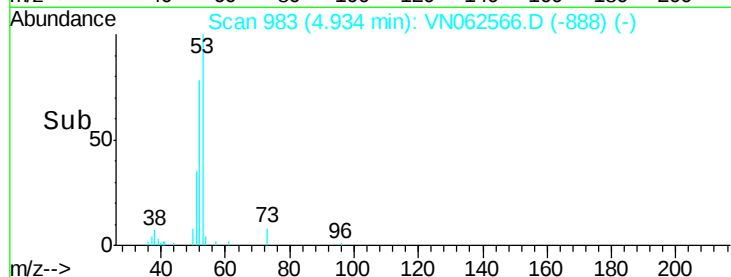
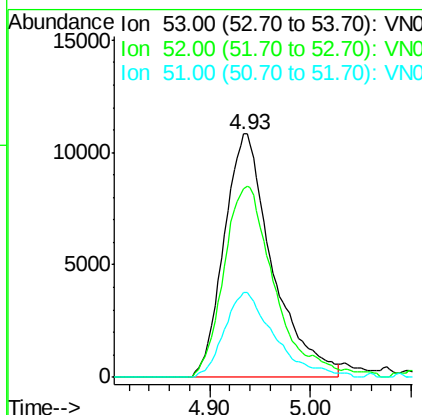
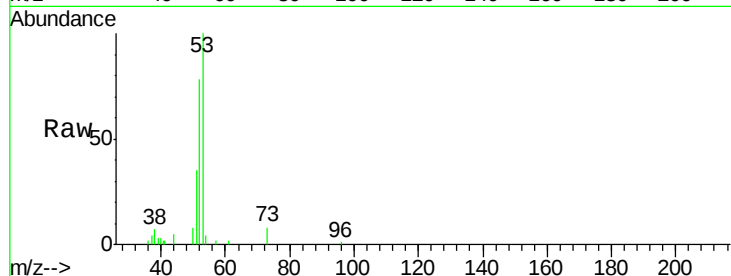
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	35999
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.3	99.5
51	36.4	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 23.440 ug/l

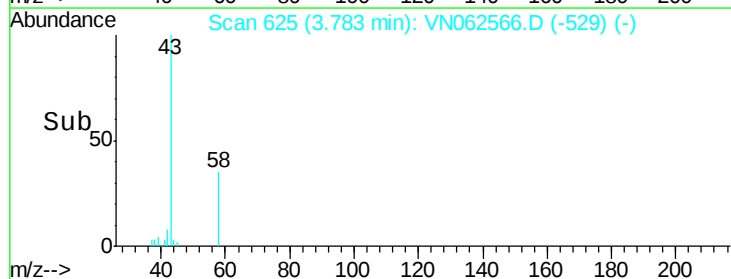
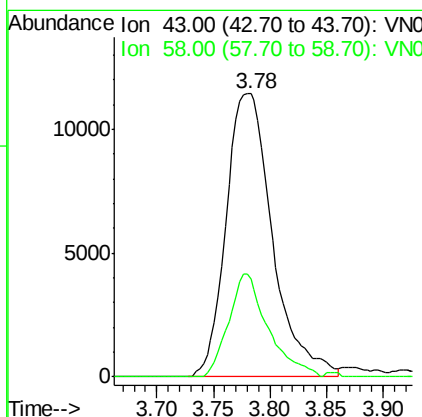
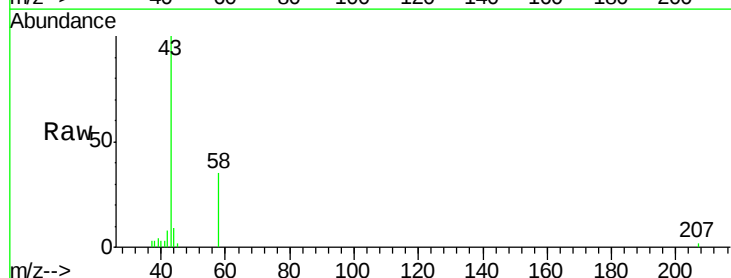
RT: 3.78 min Scan# 625

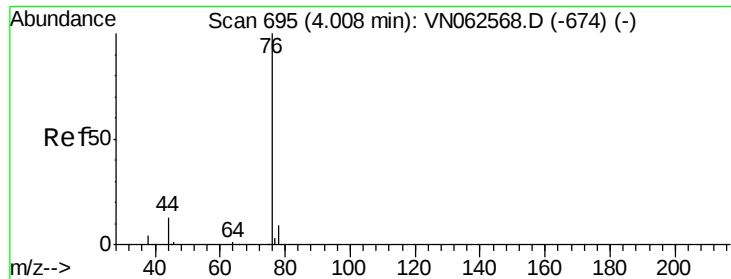
Delta R.T. 0.01 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion:	43	Resp:	32770
Ion	Ratio	Lower	Upper
43	100		
58	34.5	24.6	37.0





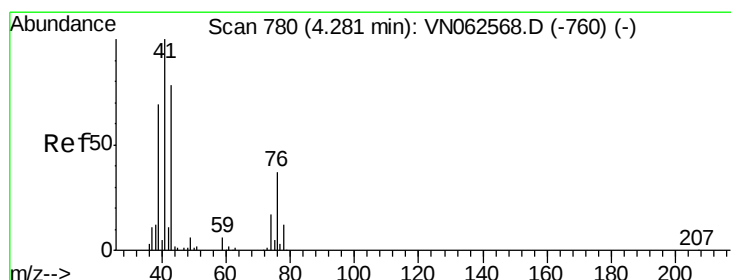
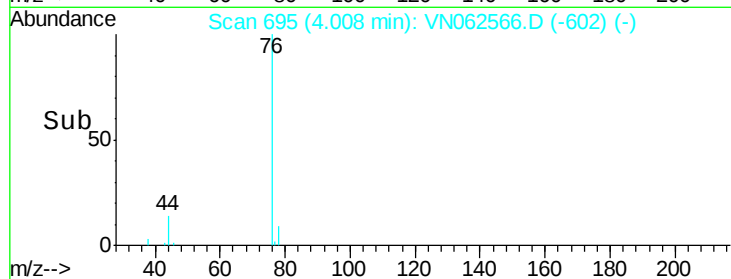
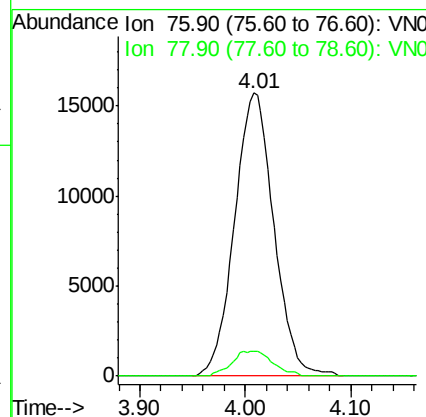
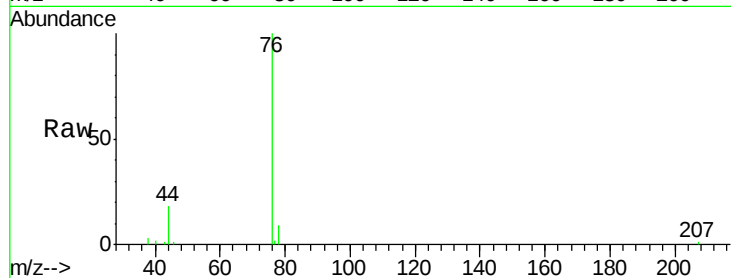
#17
Carbon Disulfide
Concen: 5.772 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

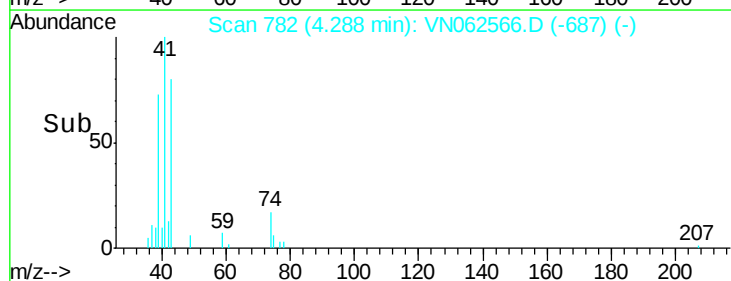
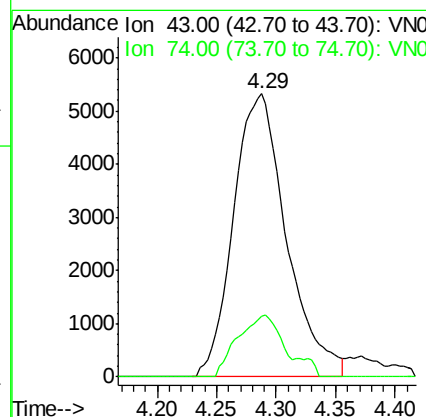
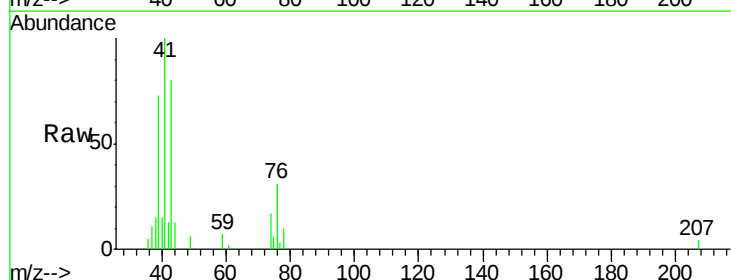
Manual Integrations
APPROVED

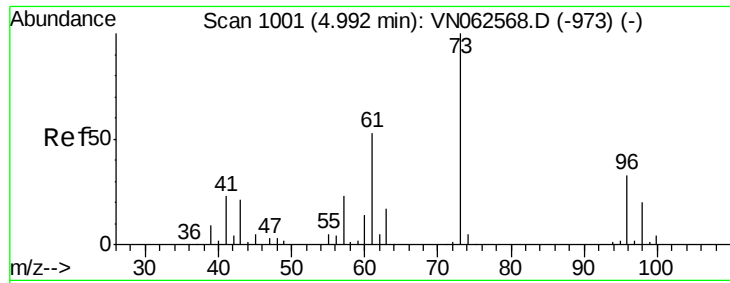
MMDadoda
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#18
Methyl Acetate
Concen: 4.712 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.8	16.6	24.8





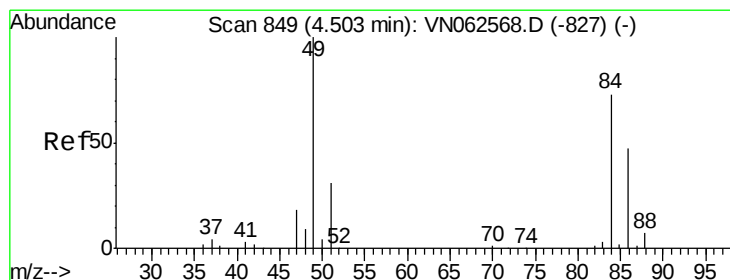
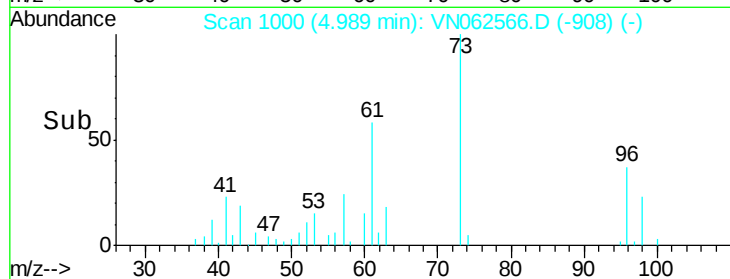
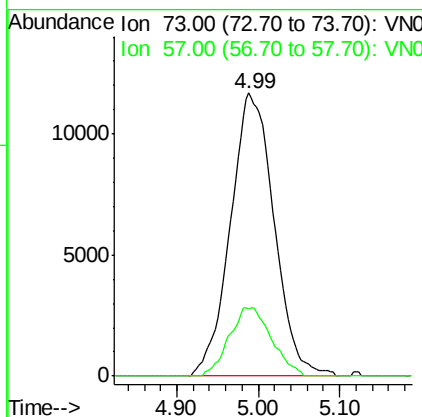
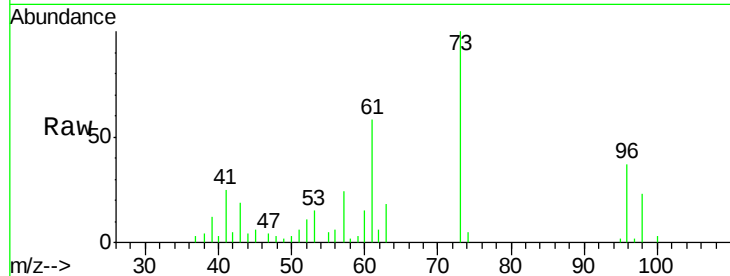
#19
Methvl tert-butvl Ether
Concen: 5.123 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 73 Resp: 43392
Ion Ratio Lower Upper
73 100
57 23.8 18.6 27.8

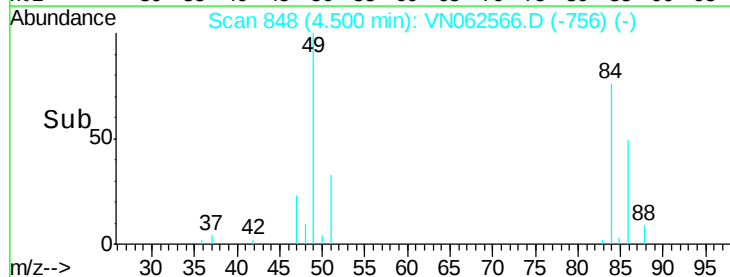
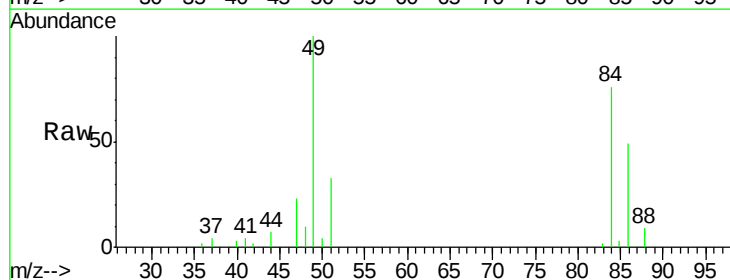
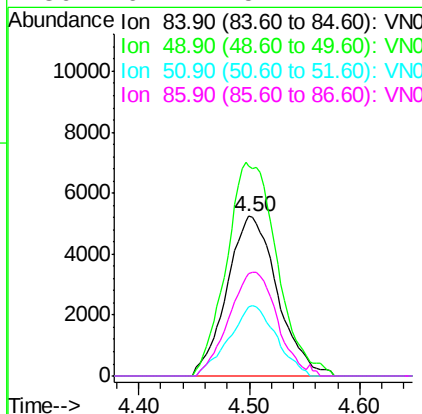
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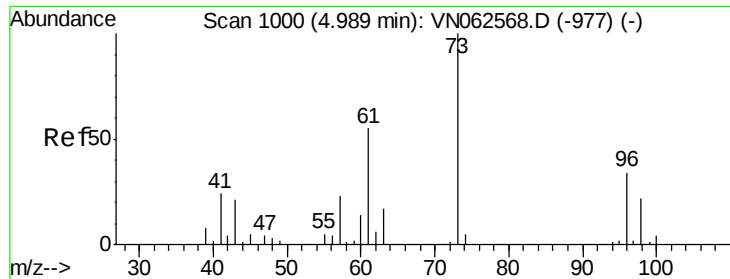
MMDadoda
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#20
Methylene Chloride
Concen: 5.464 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 84 Resp: 16622
Ion Ratio Lower Upper
84 100
49 131.5 109.4 164.0
51 43.6 33.6 50.4
86 64.1 51.4 77.2





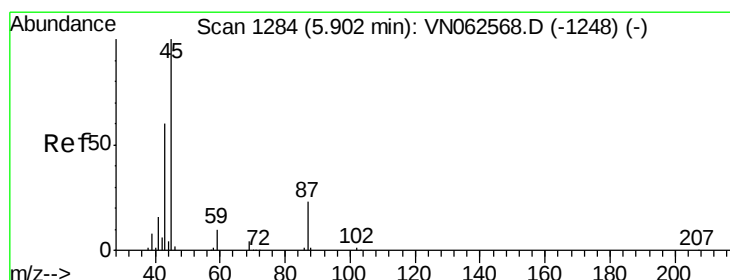
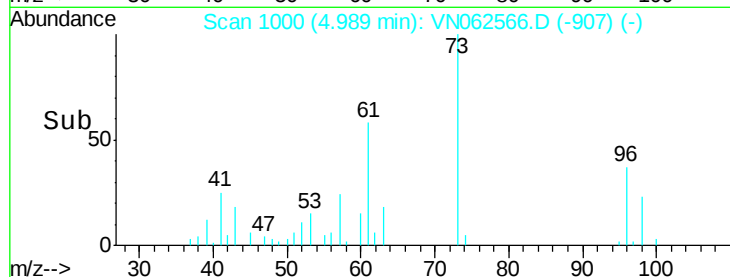
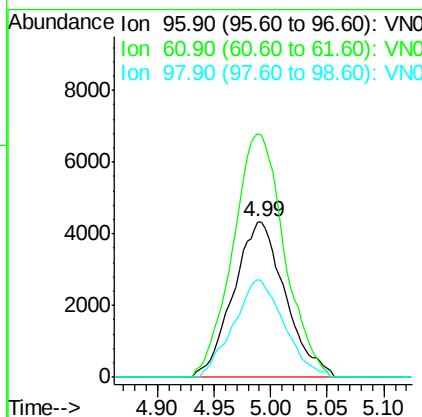
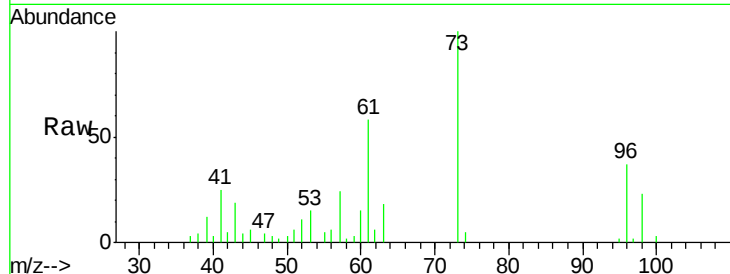
#21
trans-1,2-Dichloroethene
Concen: 5.698 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.8	128.6	192.8
98	63.3	50.6	76.0

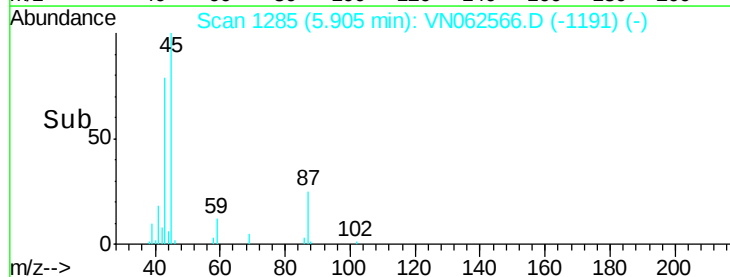
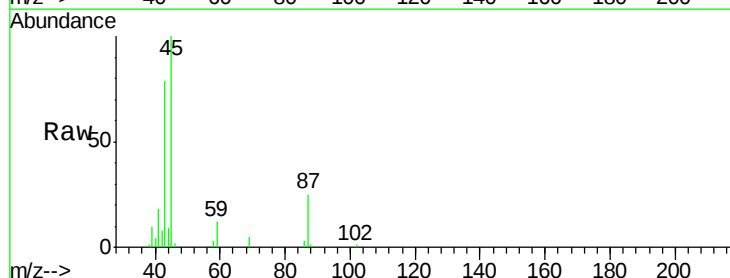
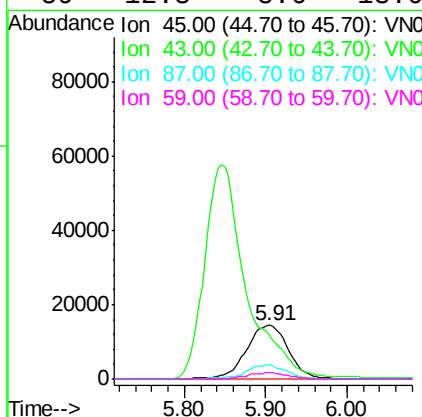
Manual Integrations
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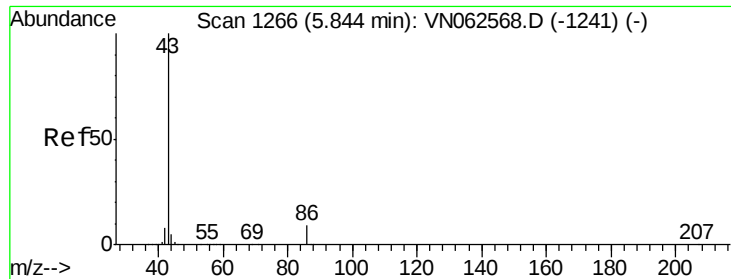
MMDadoda
7/22/2020 2:45:34 PM



#22
Diisopropyl ether
Concen: 5.016 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.2	48.7	73.1#
87	25.5	19.0	28.6
59	12.3	8.6	13.0





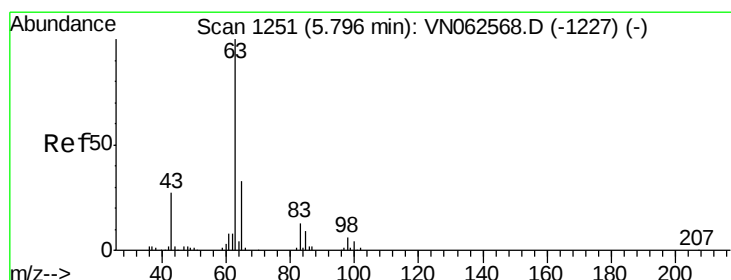
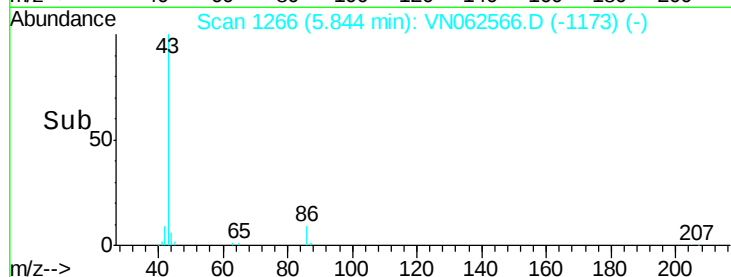
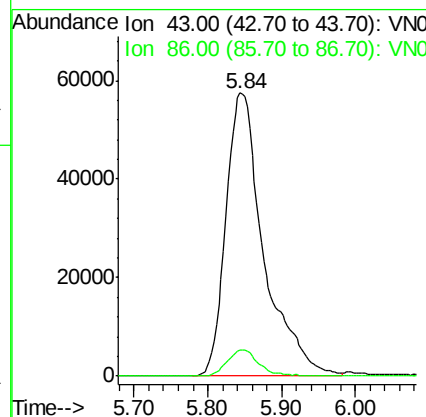
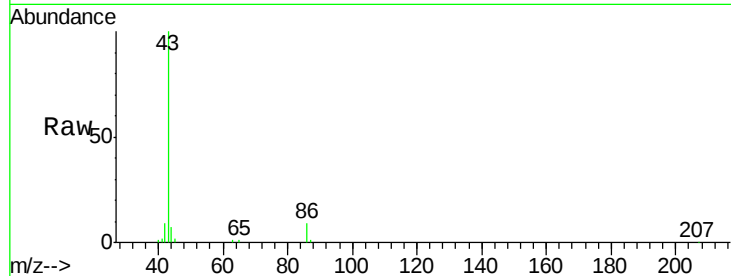
#23
 Vinyl Acetate
 Concen: 24.166 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	43	Resp	205459
Ion Ratio	Lower	Upper	
43	100		
86	9.1	6.9	10.3

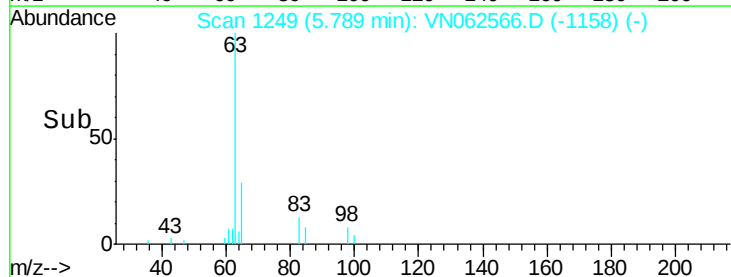
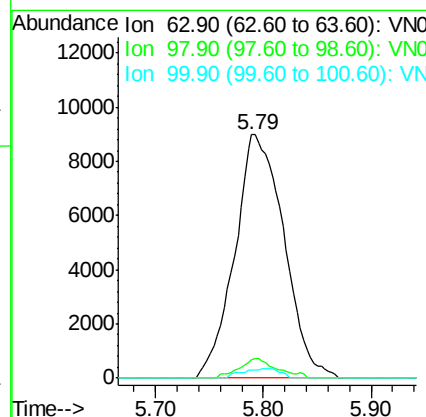
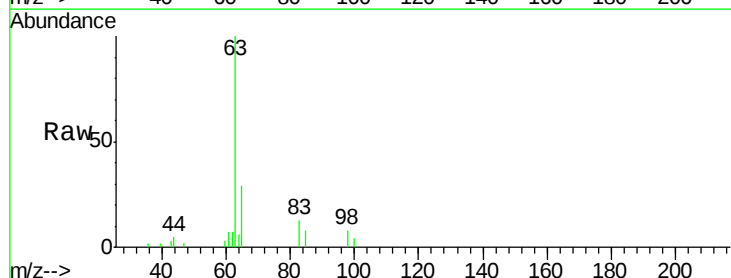
Manual Integrations
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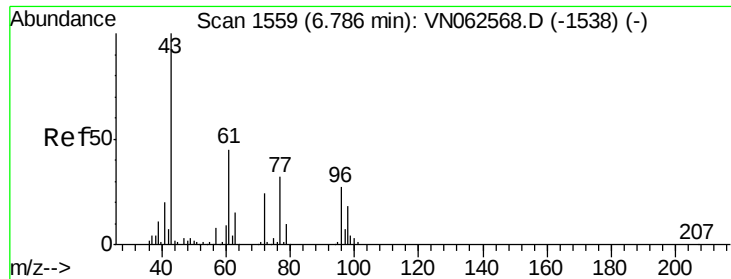
MMDadoda
 7/22/2020 2:45:34 PM



#24
 1,1-Dichloroethane
 Concen: 5.337 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	63	Resp	28479
Ion Ratio	Lower	Upper	
63	100		
98	7.5	2.9	8.8
100	3.5	1.8	5.4





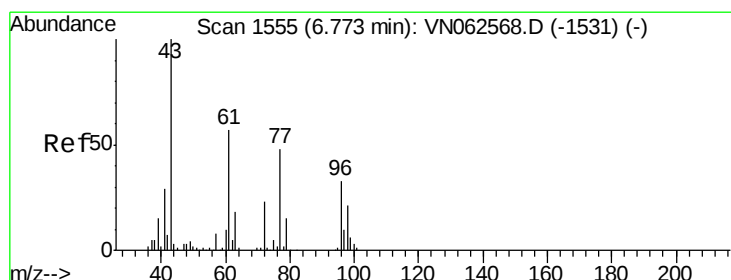
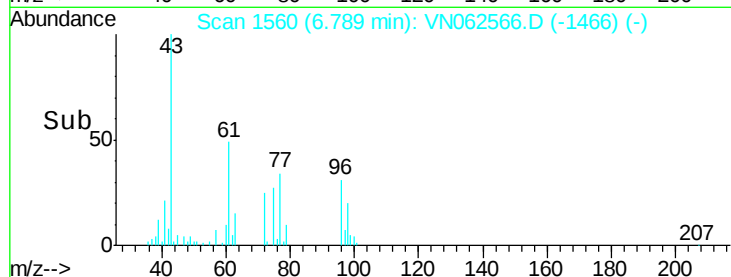
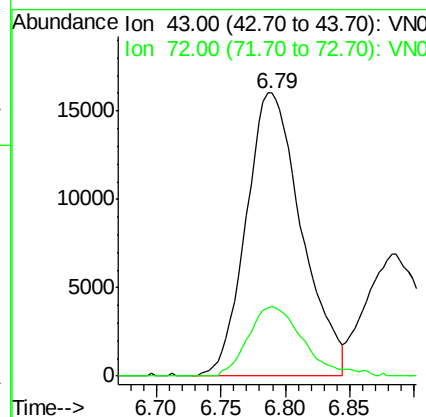
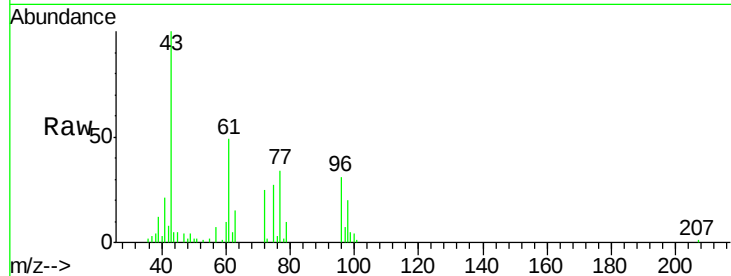
#25
2-Butanone
Concen: 23.498 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 48032
Ion Ratio Lower Upper
43 100
72 24.6 19.0 28.6

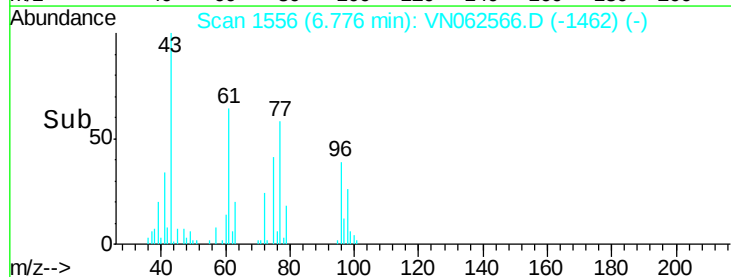
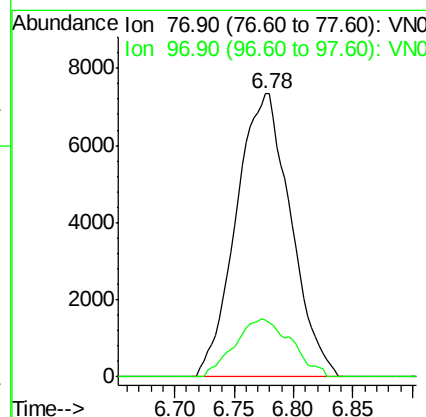
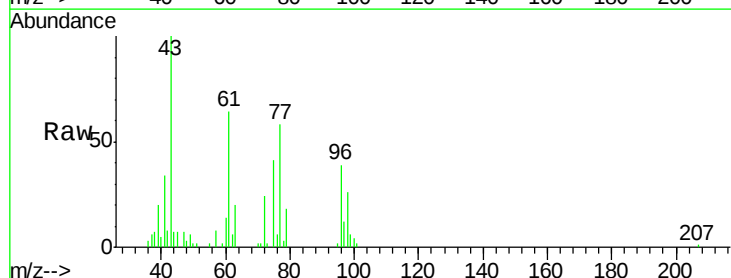
Manual Integrations
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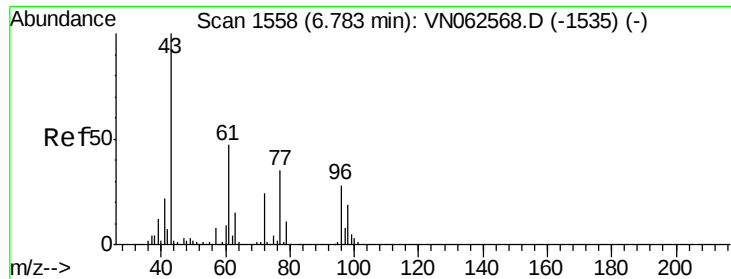
MMDadoda
7/22/2020 2:45:34 PM



#26
2,2-Dichloropropane
Concen: 5.638 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 77 Resp: 23319
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 5.575 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062566.D

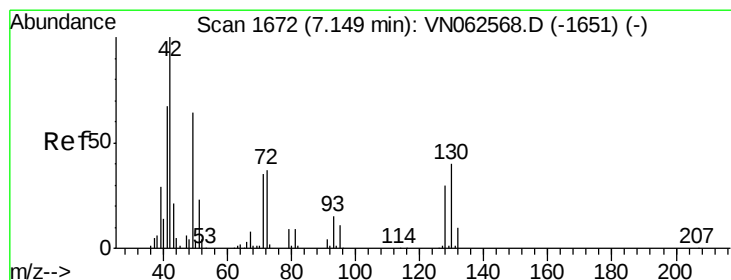
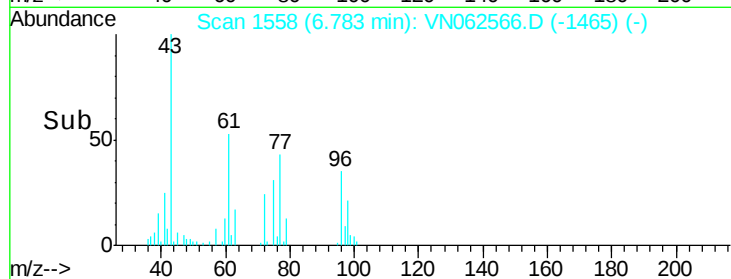
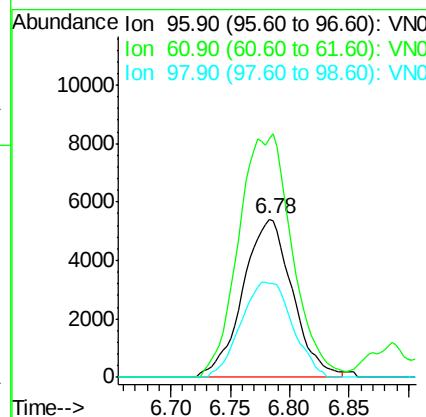
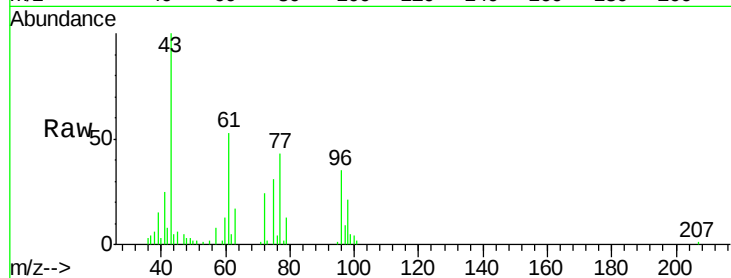
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.3	0.0	332.4
98	62.1	0.0	127.4

Manual Integrations
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#28

Bromochloromethane

Concen: 5.001 ug/l

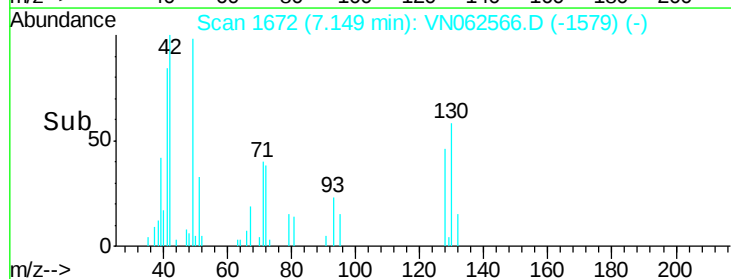
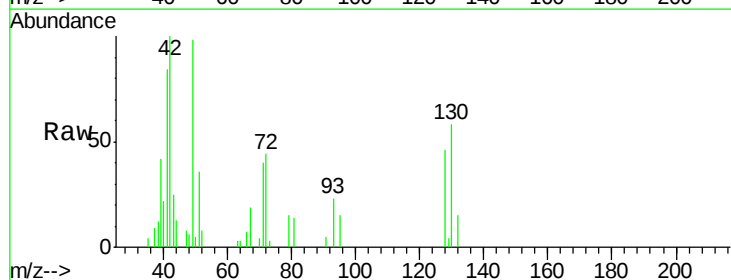
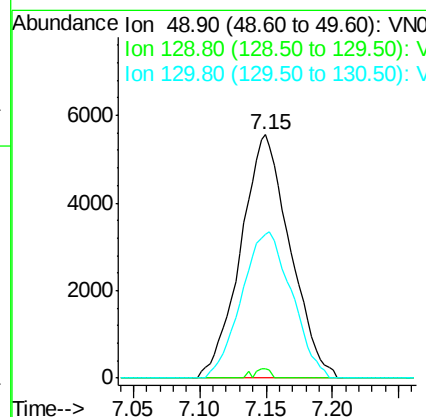
RT: 7.15 min Scan# 1672

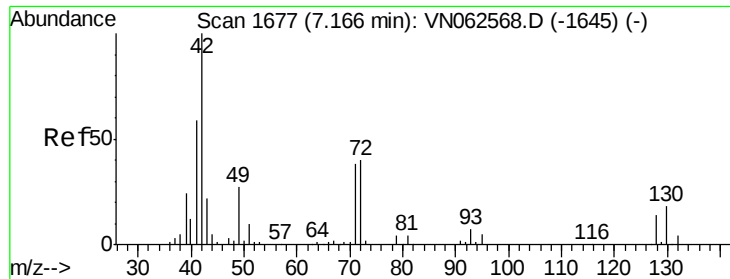
Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	61.0	49.8	74.8





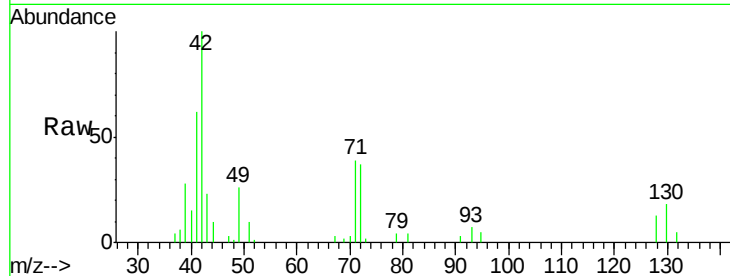
#29
Tetrahydrofuran
Concen: 23.877 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.7	30.7	46.1
71	36.2	29.1	43.7

Manual Integrations
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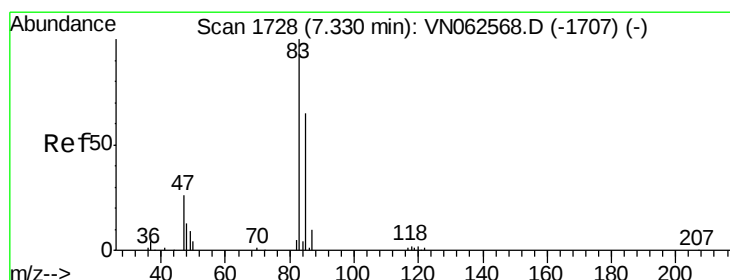
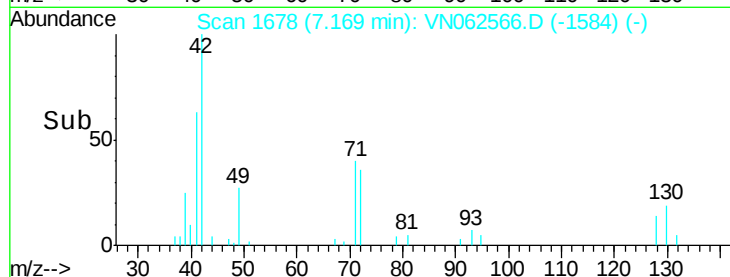
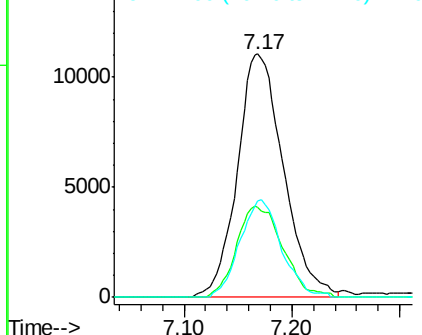
MMDadoda
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Abundance Ion 42.00 (41.70 to 42.70): VN062566.D (-1645) (-)

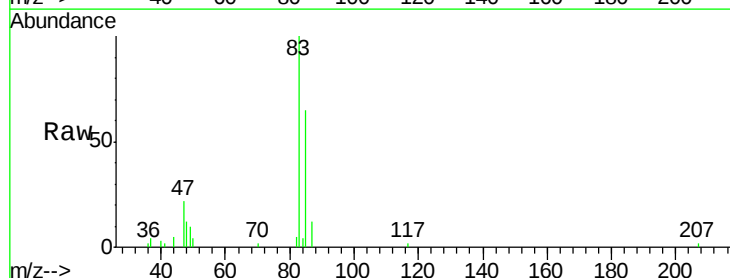
Ion 72.00 (71.70 to 72.70): VN062566.D (-1645) (-)

Ion 71.00 (70.70 to 71.70): VN062566.D (-1645) (-)



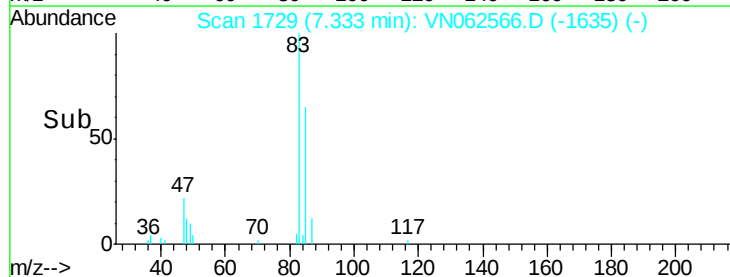
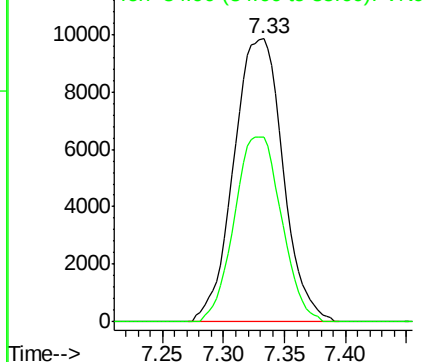
#30
Chloroform
Concen: 5.691 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

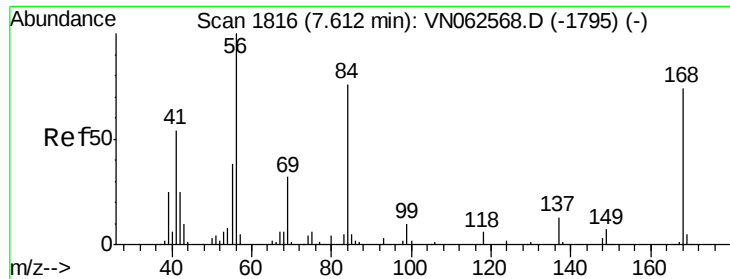
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VN062566.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN062566.D (-1635) (-)





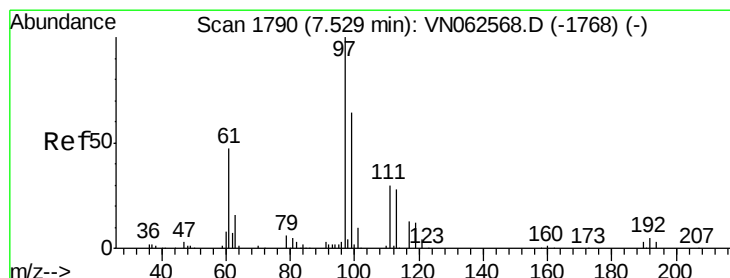
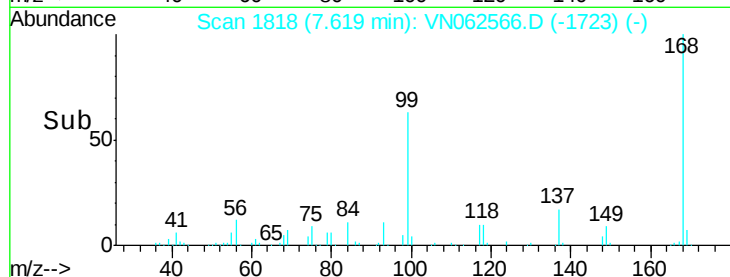
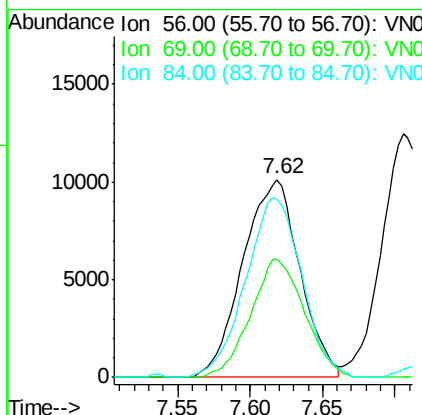
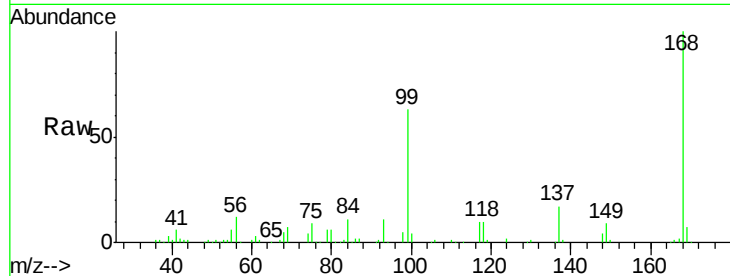
#31
Cyclohexane
Concen: 5.493 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	60.0	25.3	37.9#
84	89.9	61.0	91.4

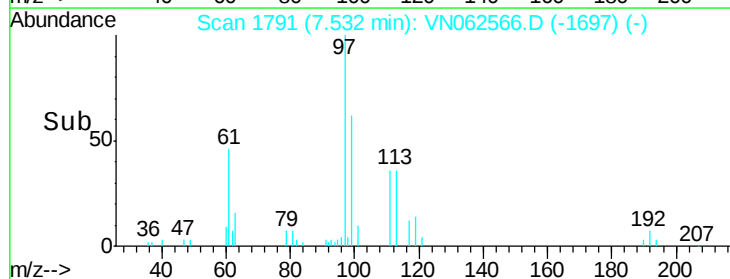
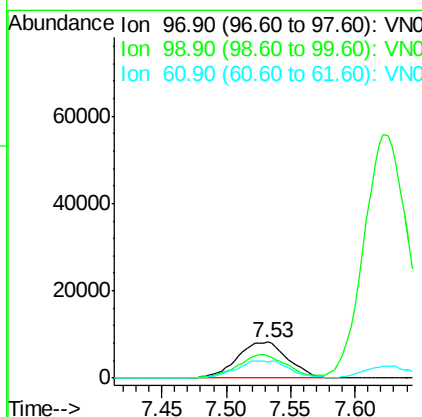
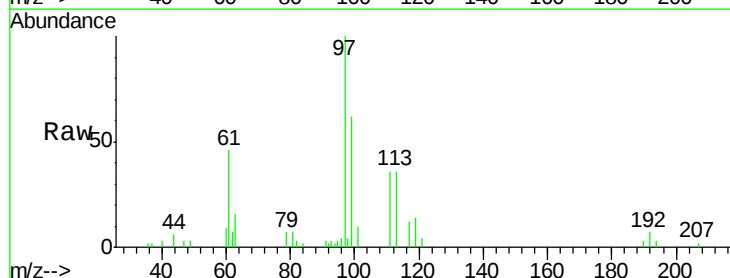
Manual Integrations
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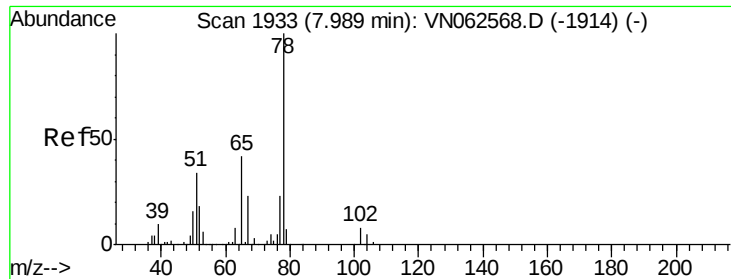
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#32
1,1,1-Trichloroethane
Concen: 5.639 ug/l
RT: 7.53 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.2	76.8
61	49.8	38.4	57.6





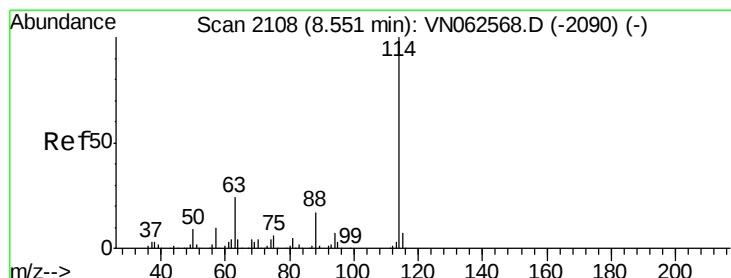
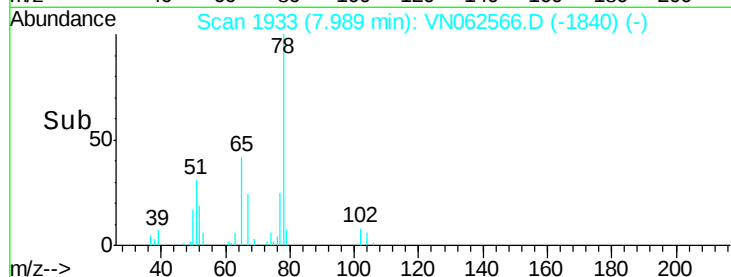
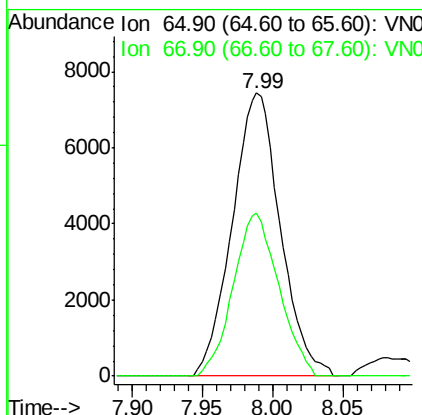
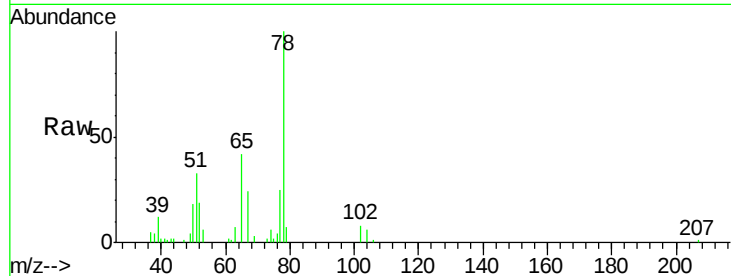
#33
 1,2-Dichloroethane-d4
 Concen: 5.303 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	17735		
67	54.5	0.0	106.0	

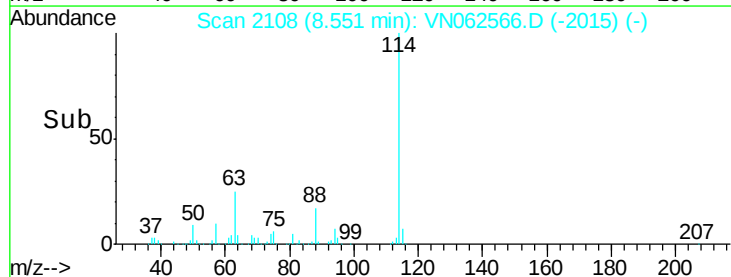
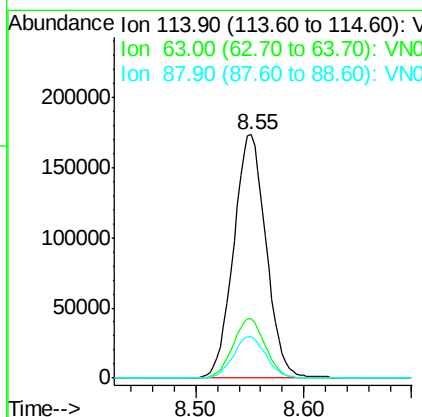
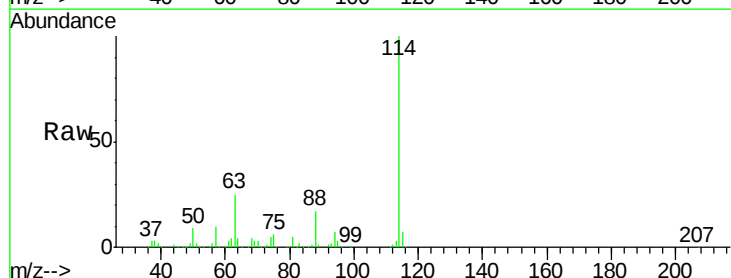
Manual Integrations
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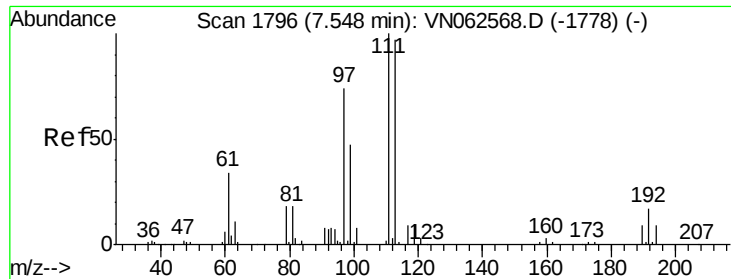
MMDadoda
 7/22/2020 2:45:34 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	363758		
63	24.6	0.0	48.4	
88	16.9	0.0	33.8	





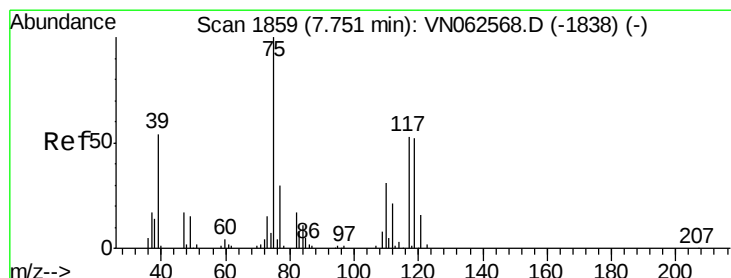
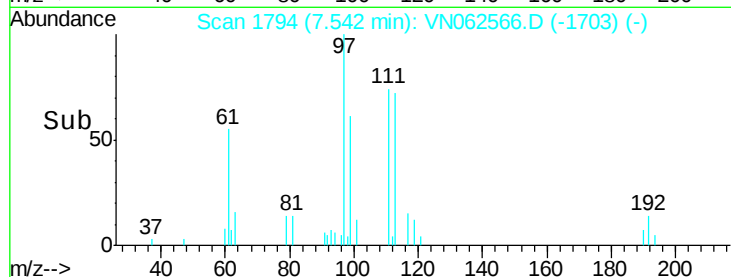
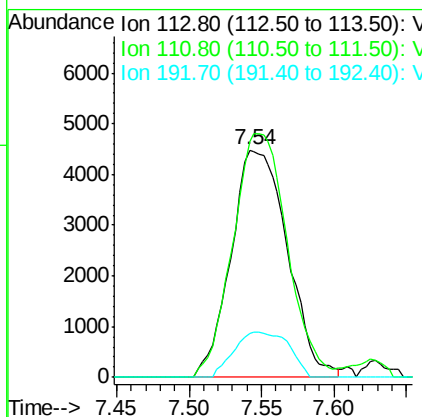
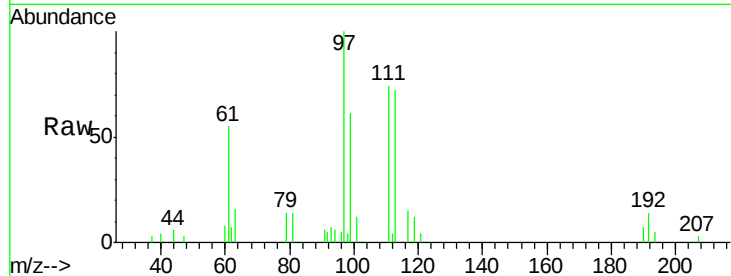
#35
 Dibromofluoromethane
 Concen: 5.354 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	19.3	14.8	22.2

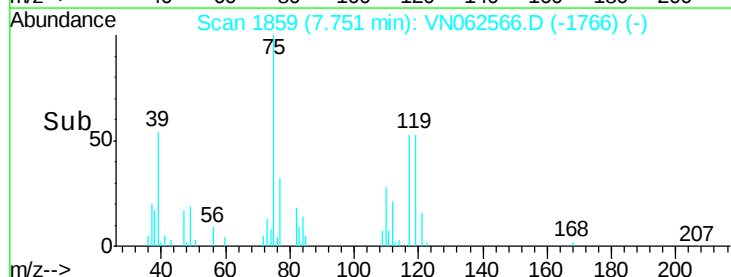
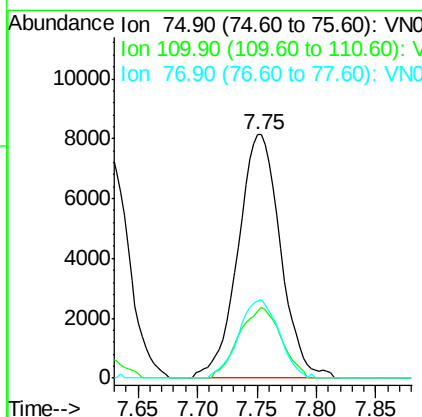
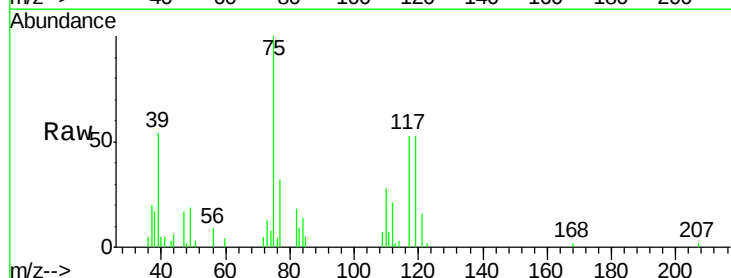
Manual Integrations
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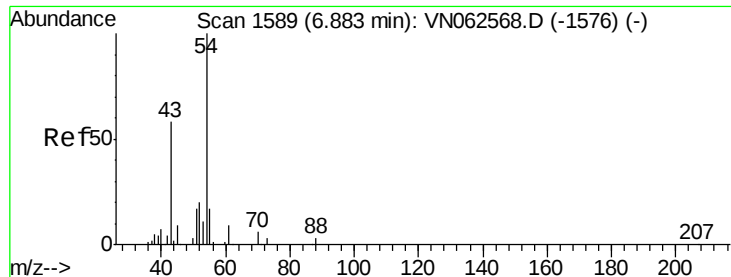
MMDadoda
 7/22/2020 2:45:34 PM



#36
 1,1-Dichloropropene
 Concen: 5.499 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	28.8	16.0	48.0
77	30.8	24.6	36.8





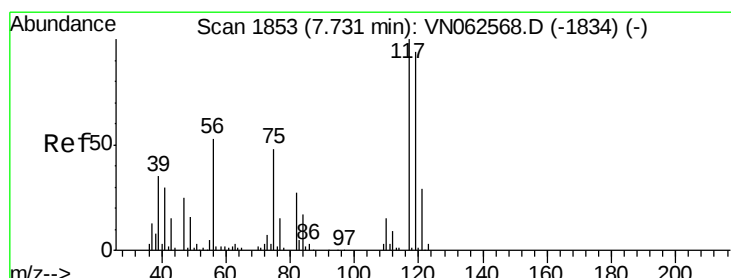
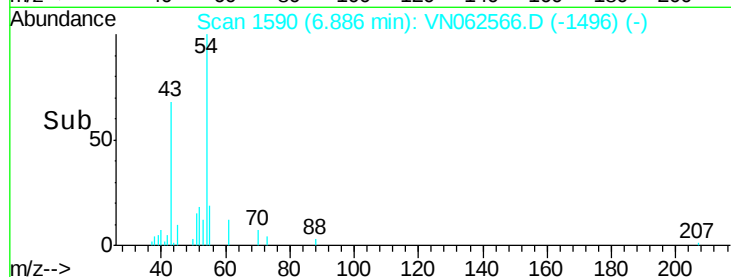
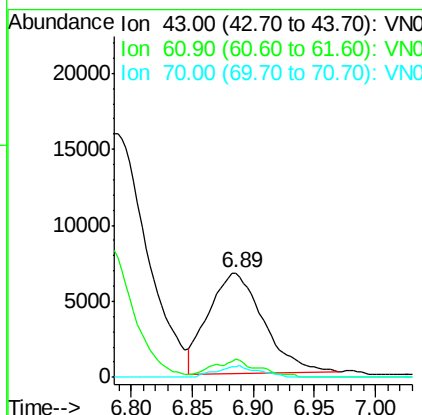
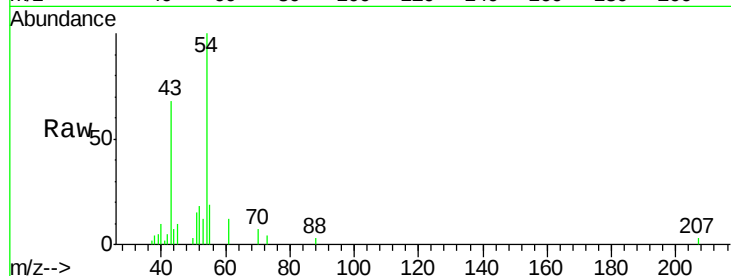
#37
Ethyl Acetate
Concen: 4.912 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	8.6	7.7	11.5

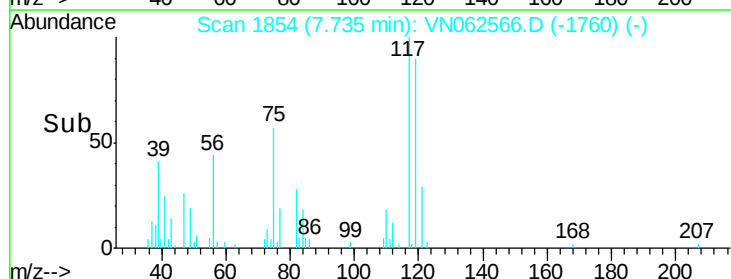
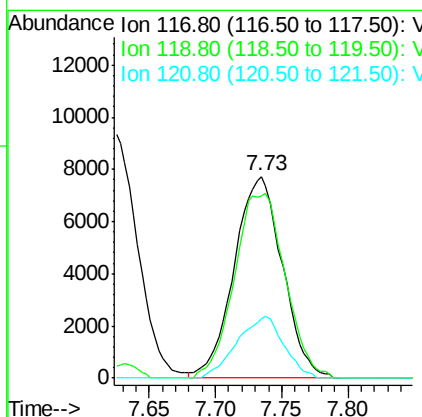
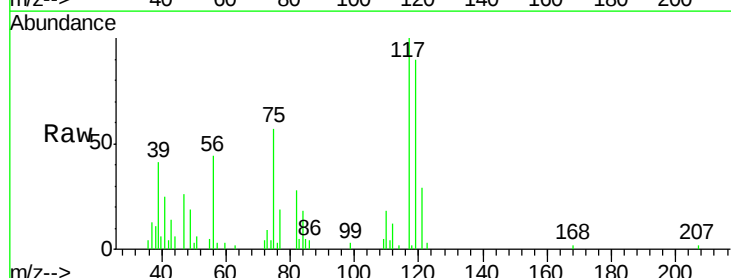
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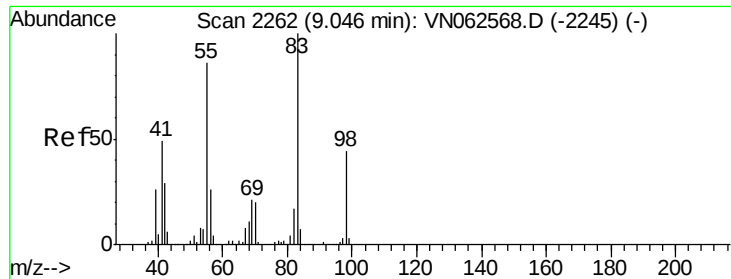
MMDadoda
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#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	74.8	112.2
121	29.2	23.0	34.6





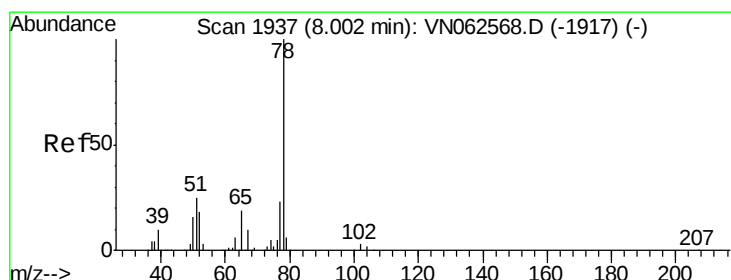
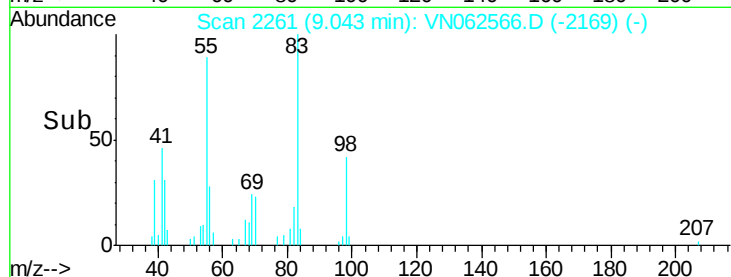
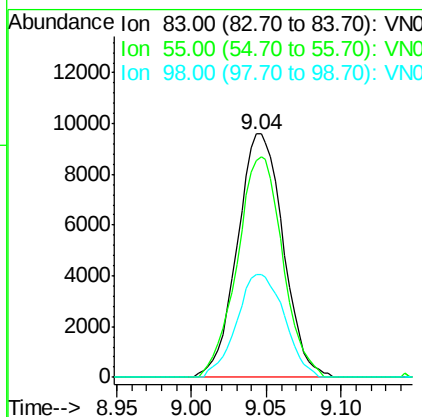
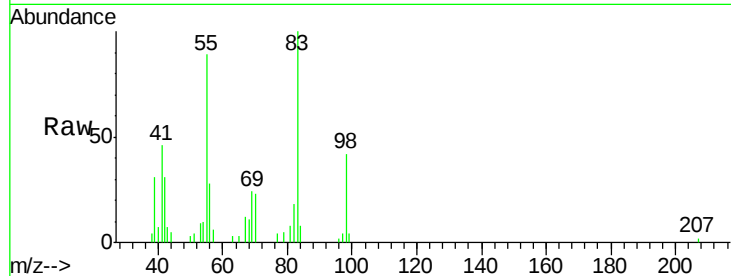
#39
Methvlcvclohexane
Concen: 5.232 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.8	68.9	103.3
98	42.3	35.1	52.7

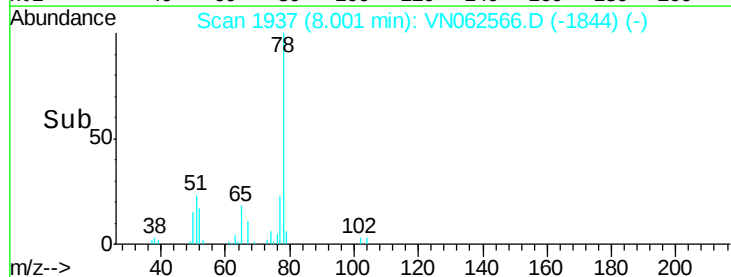
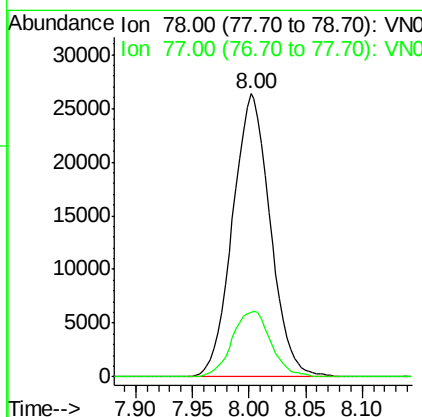
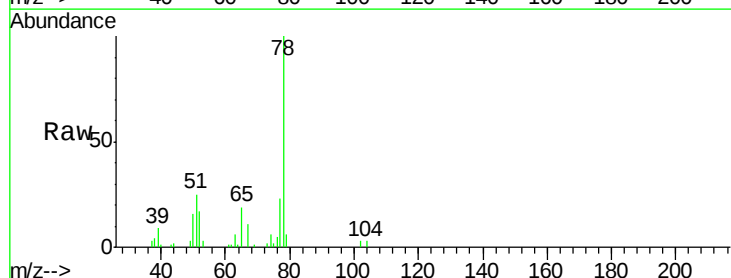
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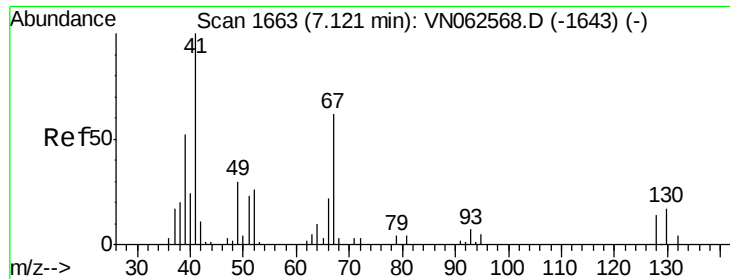
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#40
Benzene
Concen: 5.631 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.7	28.1





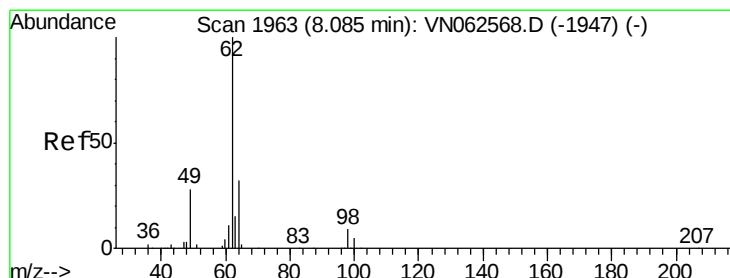
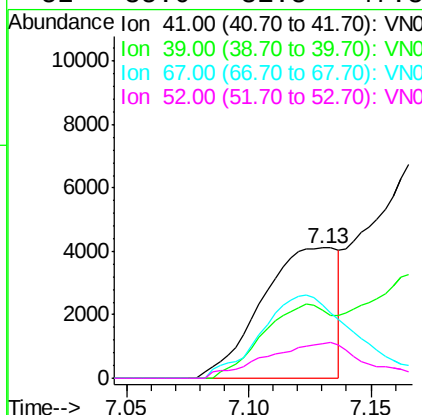
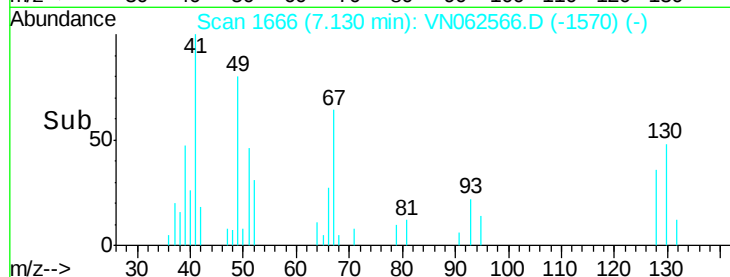
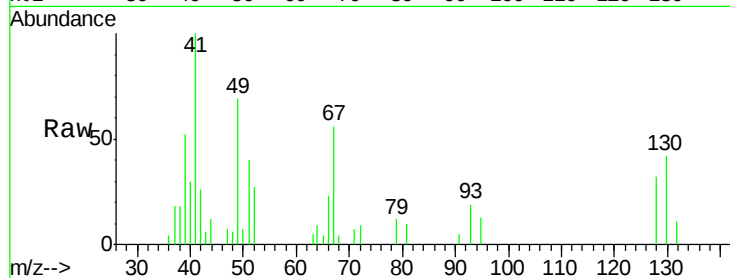
#41
Methacrylonitrile
Concen: 5.092 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.6	55.8	83.6#
67	78.9	72.5	108.7
52	35.0	31.8	47.8

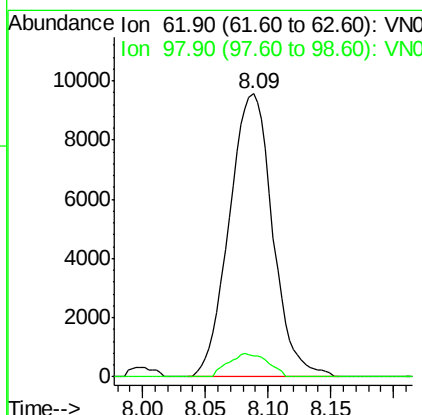
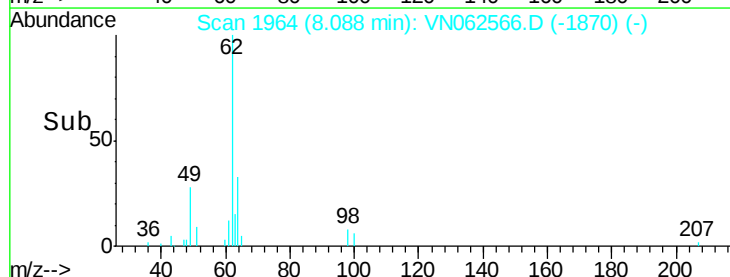
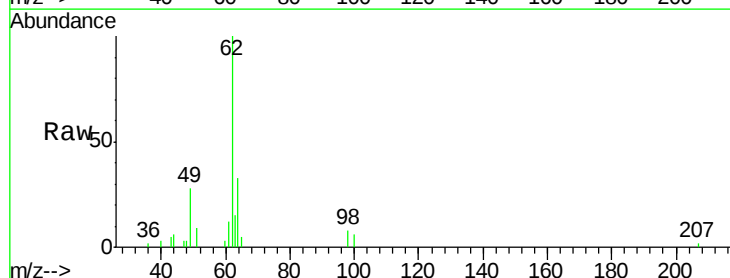
Manual Integrations
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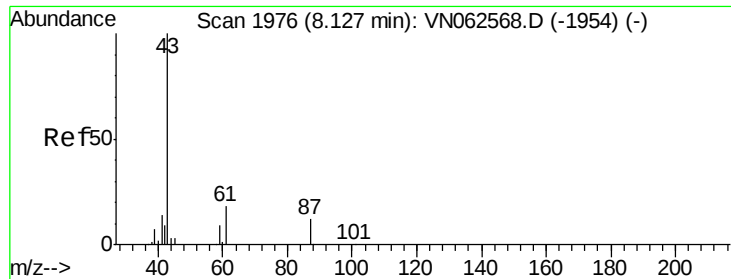
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.780 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2





#43

Isopropyl Acetate

Concen: 4.996 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

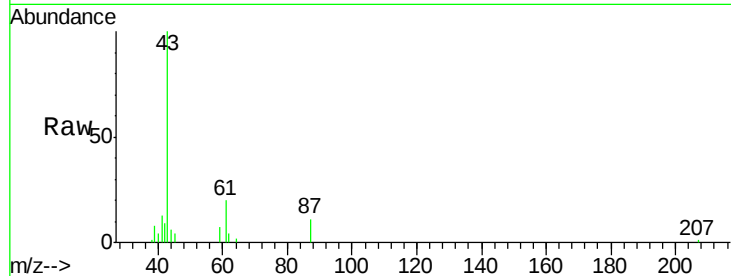
ClientSampleId :

VSTDIC005

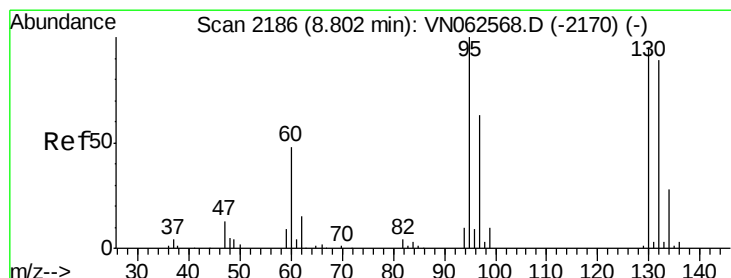
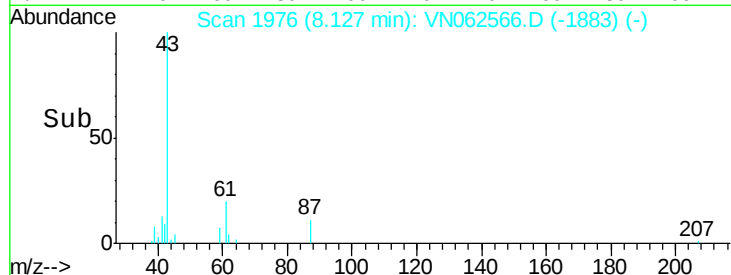
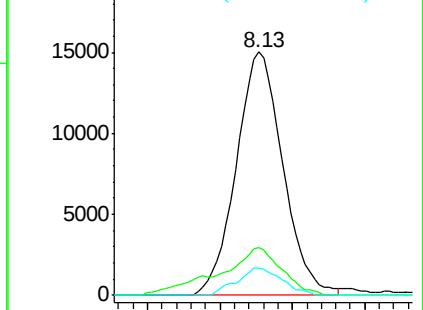
Tot Ion:	43	Resp:	33616
Ion	Ratio	Lower	Upper
43	100		
61	26.4	20.8	31.2
87	10.8	9.2	13.8

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Abundance Ion 43.00 (42.70 to 43.70): VN062566.D (-1883) (-)



#44

Trichloroethene

Concen: 5.740 ug/l

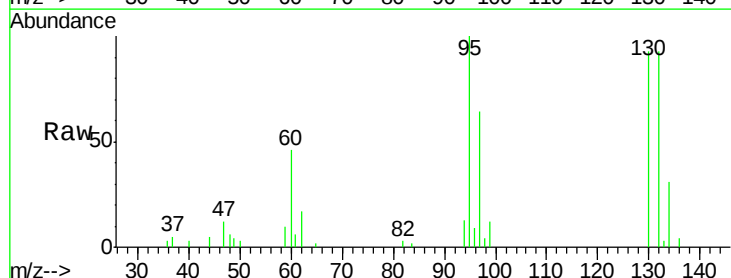
RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

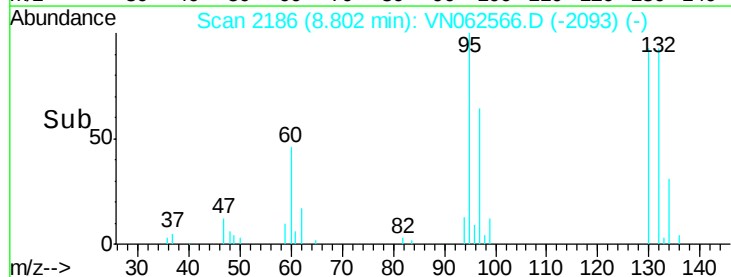
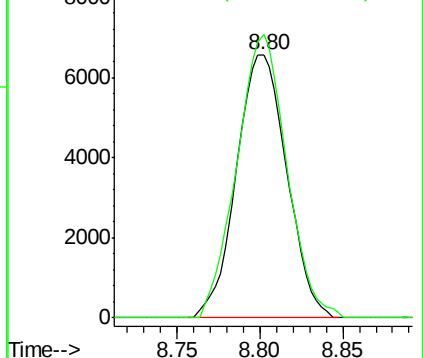
Lab File: VN062566.D

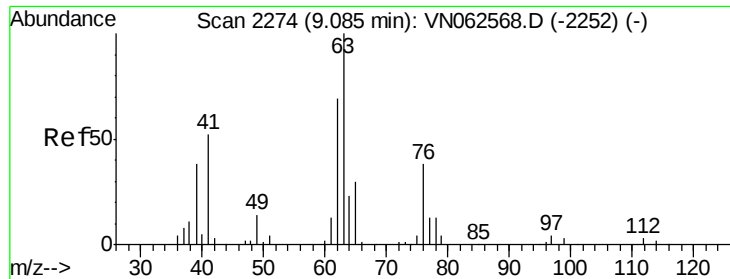
Acq: 21 Jul 2020 11:57

Tgt Ion:	130	Resp:	13878
Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062566.D (-2093) (-)





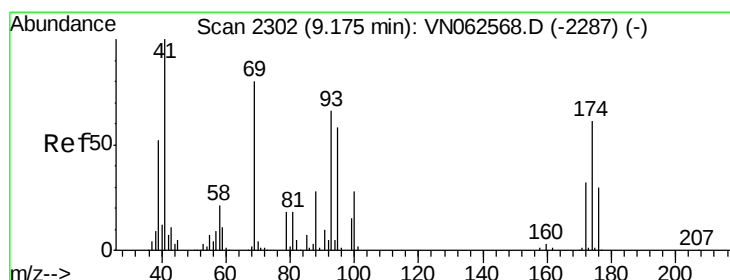
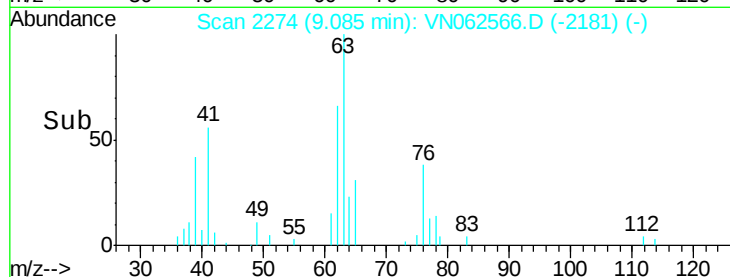
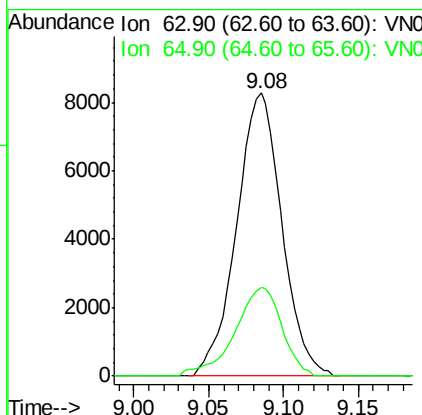
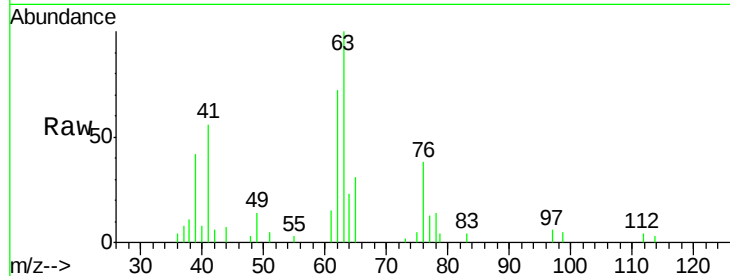
#45
 1,2-Dichloropropane
 Concen: 5.569 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 17449
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.4 36.6

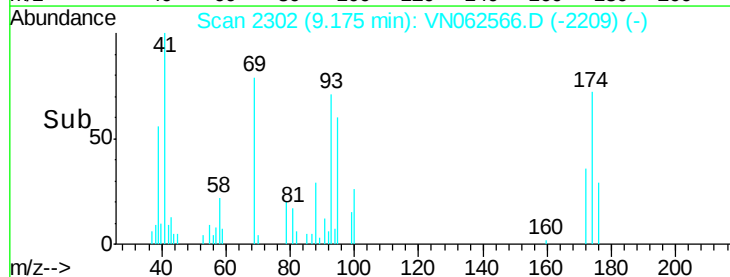
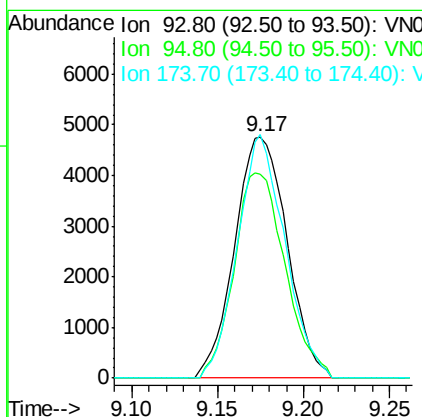
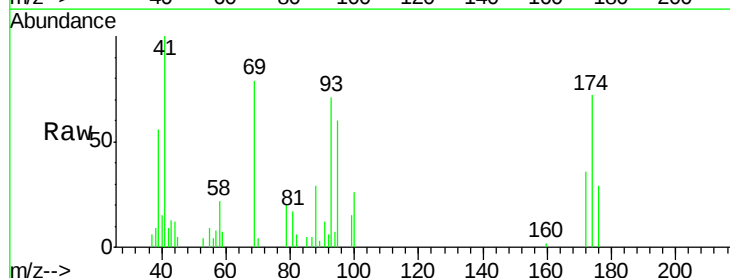
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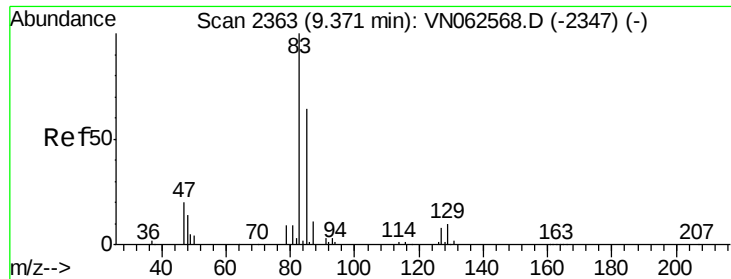
MMDadoda
 7/22/2020 2:45:34 PM



#46
 Dibromomethane
 Concen: 5.657 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 93 Resp: 10068
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.6 101.4
 174 91.2 72.5 108.7





#47

Bromodichloromethane

Concen: 5.534 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

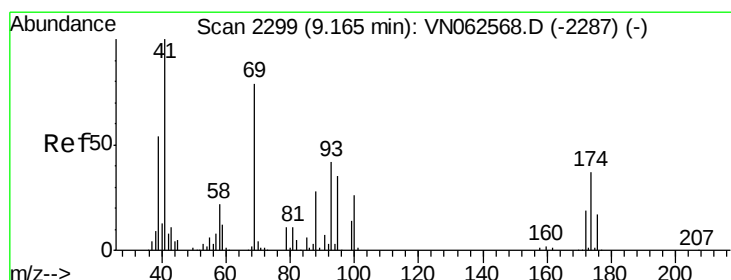
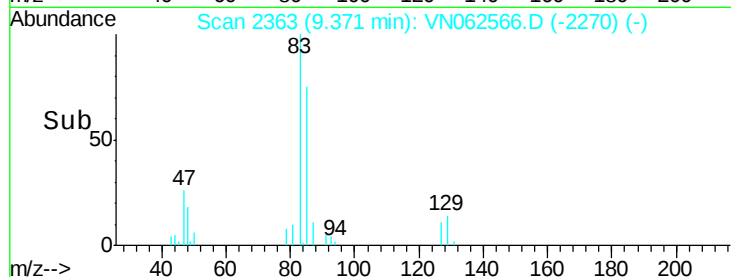
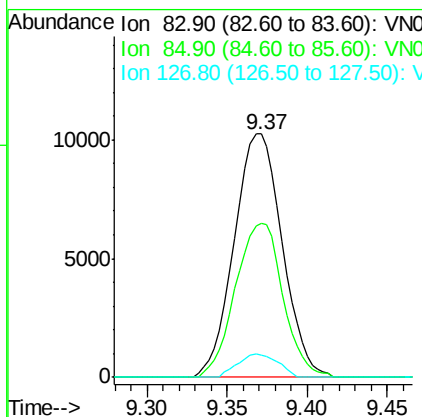
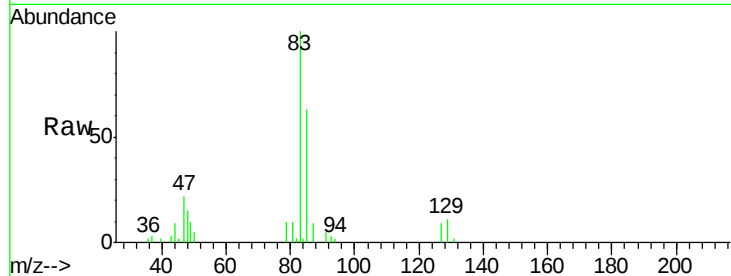
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	21005
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.6	77.4
127	9.3	6.2	9.2#

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.610 ug/l

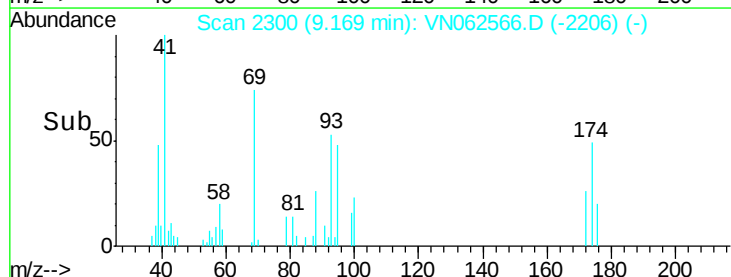
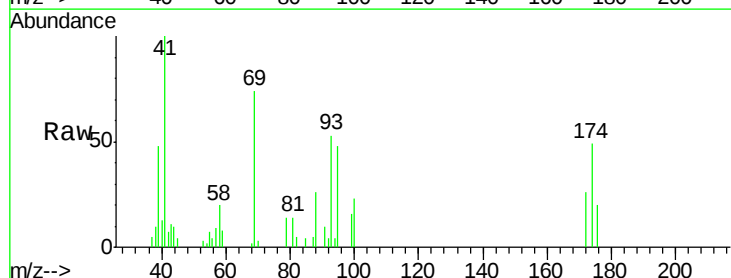
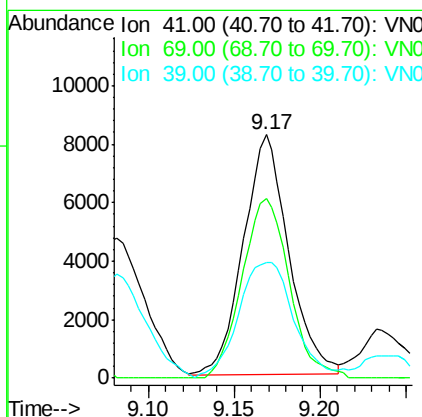
RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion:	41	Resp:	15145
Ion	Ratio	Lower	Upper
41	100		
69	77.6	64.4	96.6
39	58.3	43.5	65.3





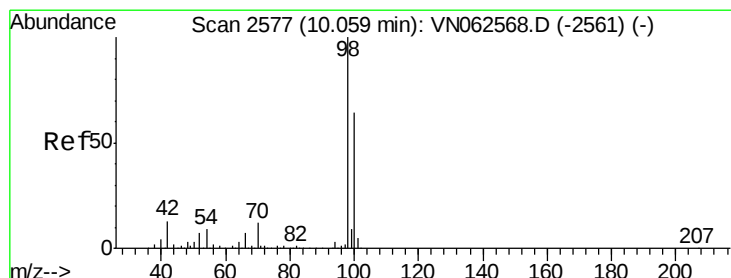
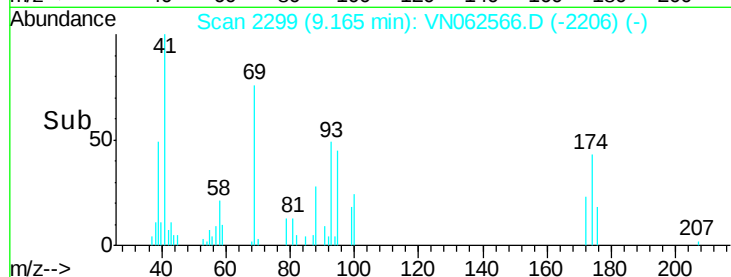
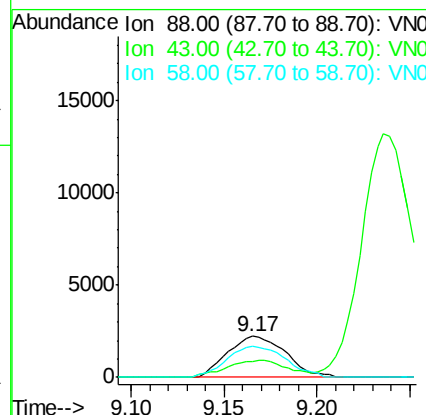
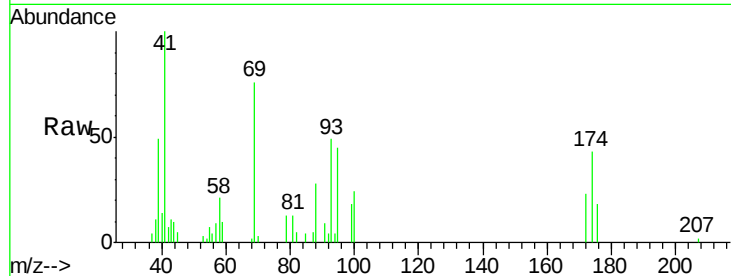
#49
1,4-Dioxane
Concen: 100.641 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.2	32.0	48.0
58	76.1	62.8	94.2

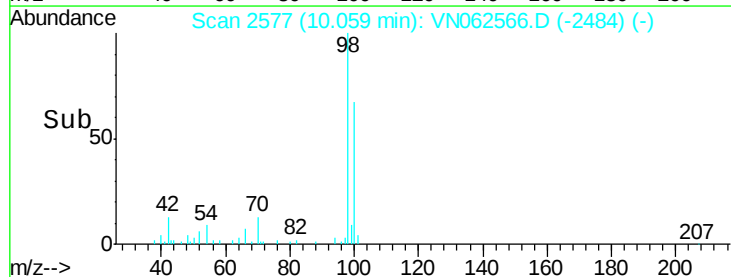
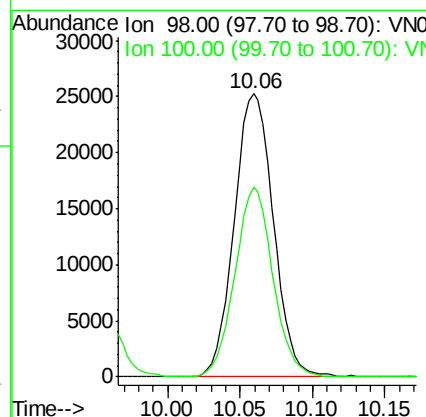
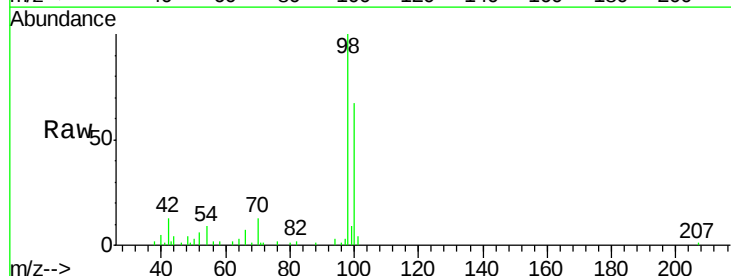
Manual Integrations
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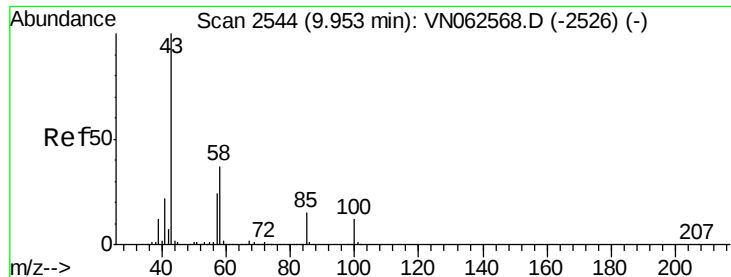
MMDadoda
7/22/2020 2:45:34 PM



#50
Toluene-d8
Concen: 5.312 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.9	76.3





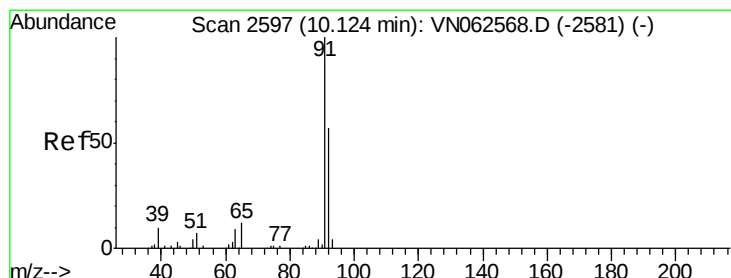
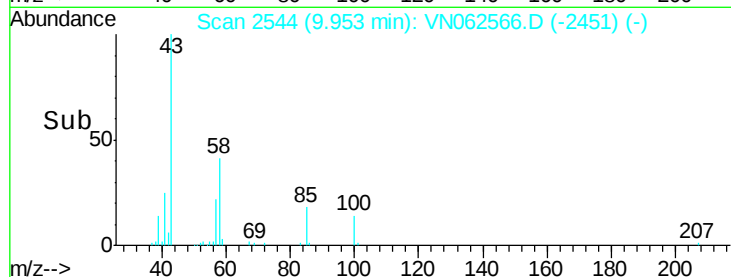
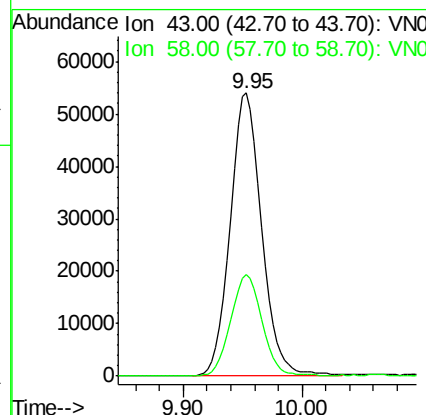
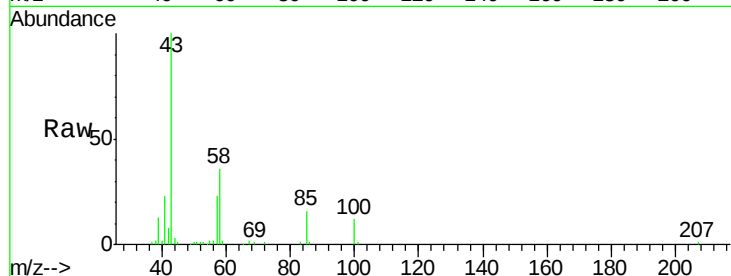
#51
 4-Methyl-2-Pentanone
 Concen: 24.706 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	43	Resp	99120
Ion Ratio	100	Lower	Upper
58	35.7	29.8	44.6

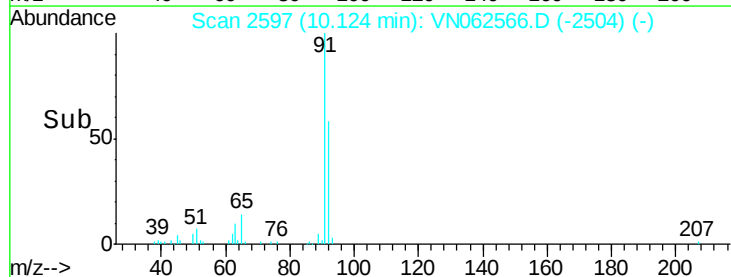
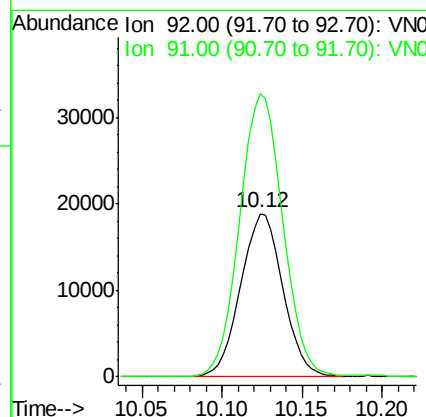
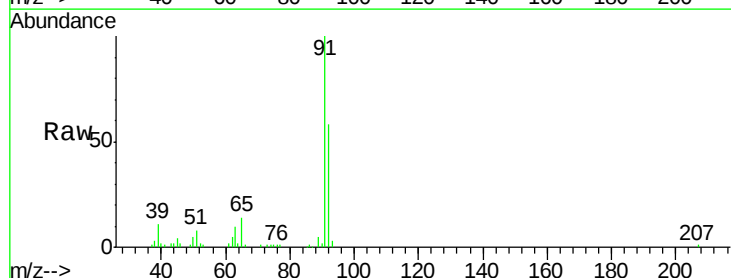
Manual Integrations
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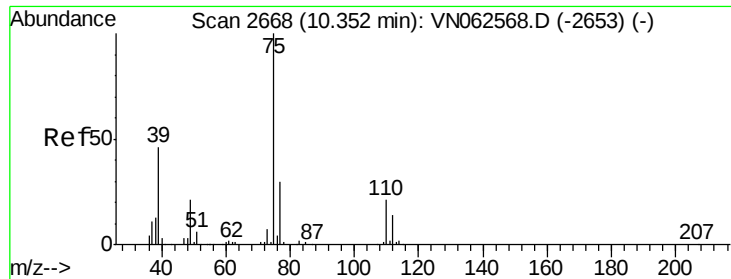
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 7/22/2020 2:45:34 PM



#52
 Toluene
 Concen: 5.399 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	92	Resp	34027
Ion Ratio	100	Lower	Upper
91	177.9	139.4	209.2





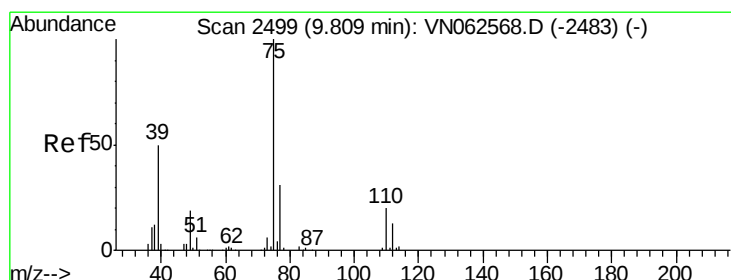
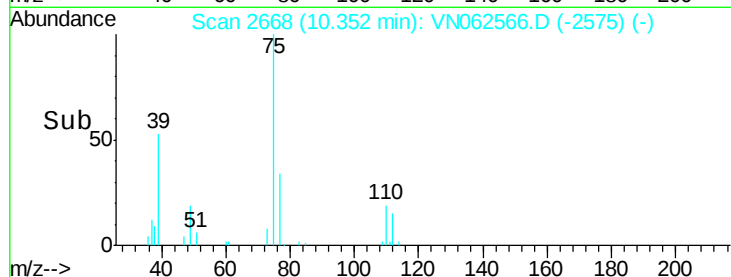
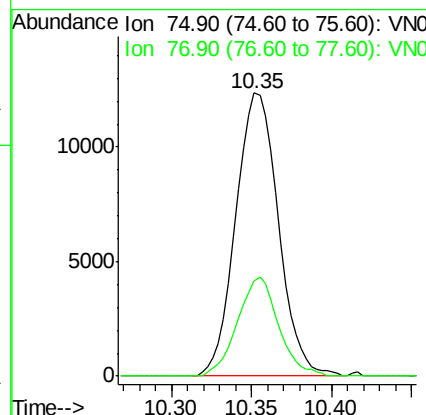
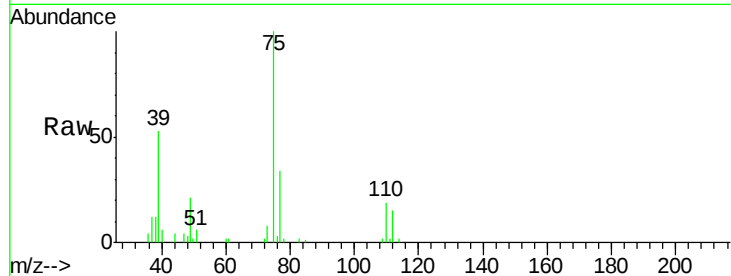
#53
t-1,3-Dichloropropene
Concen: 5.277 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.5	24.3	36.5

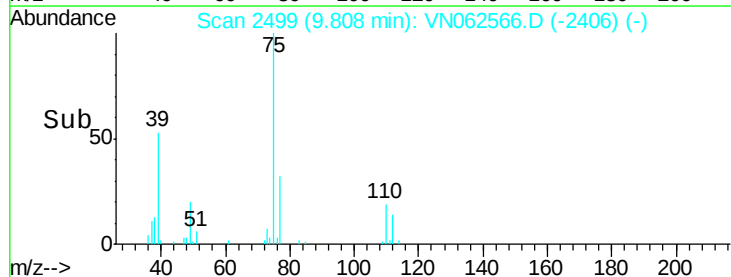
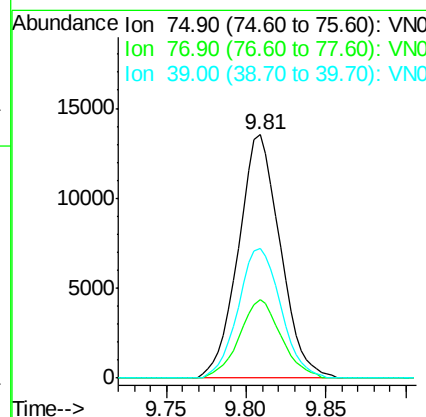
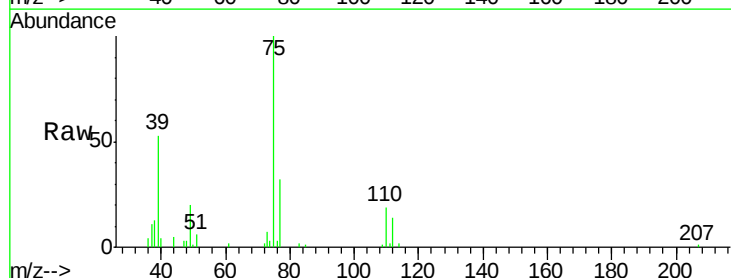
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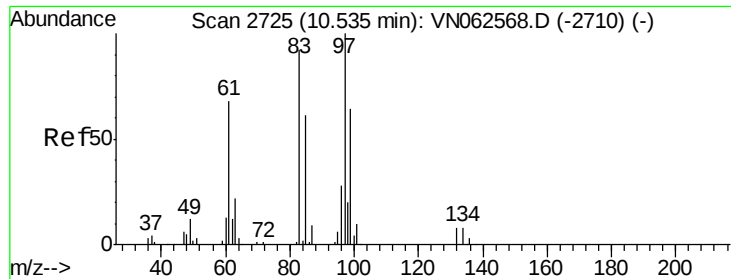
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#54
cis-1,3-Dichloropropene
Concen: 5.143 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.6
39	53.1	39.8	59.8





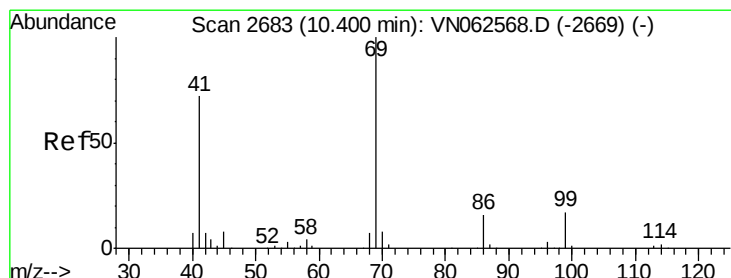
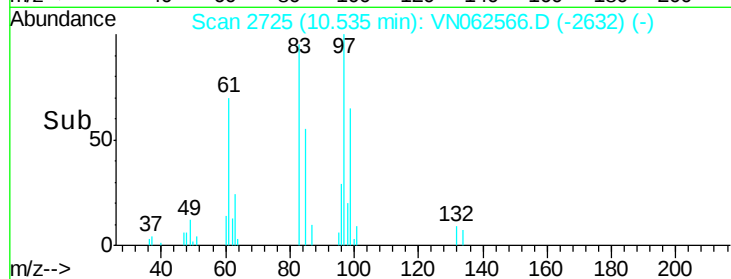
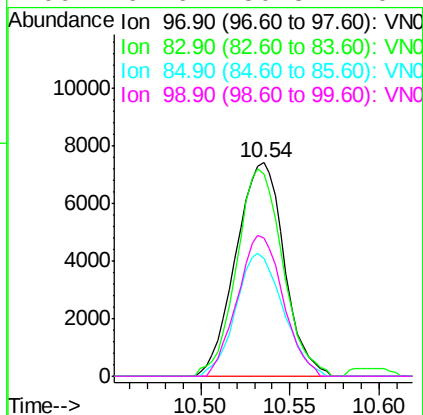
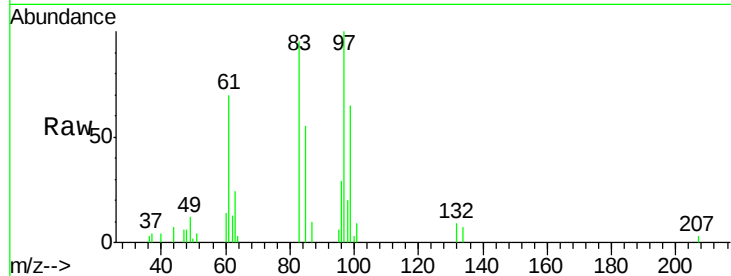
#55
 1,1,2-Trichloroethane
 Concen: 5.703 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion:	97	Resp:	14031
Ion	Ratio	Lower	Upper
97	100		
83	94.8	73.7	110.5
85	55.4	48.5	72.7
99	64.6	50.8	76.2

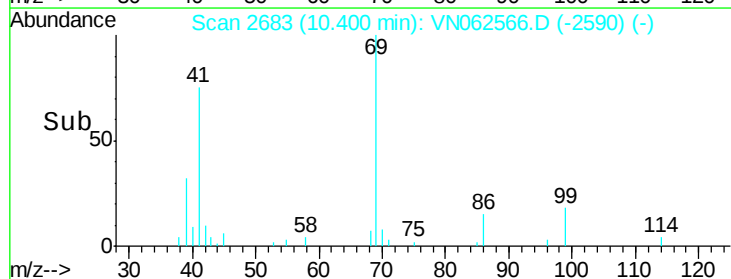
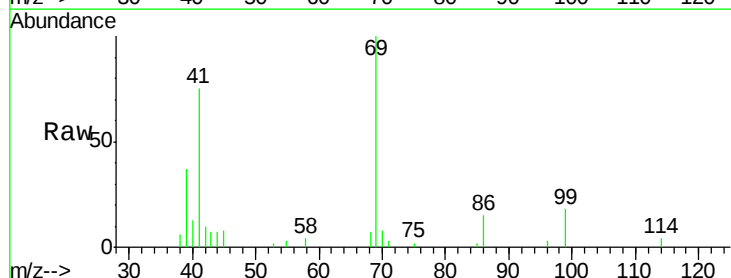
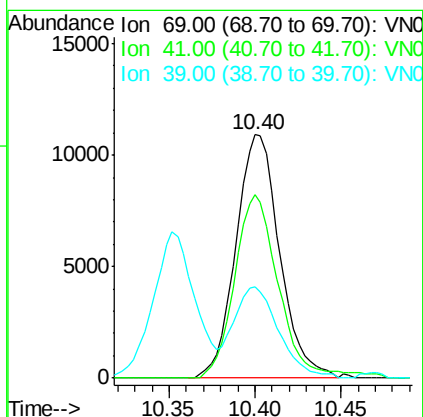
Manual Integrations
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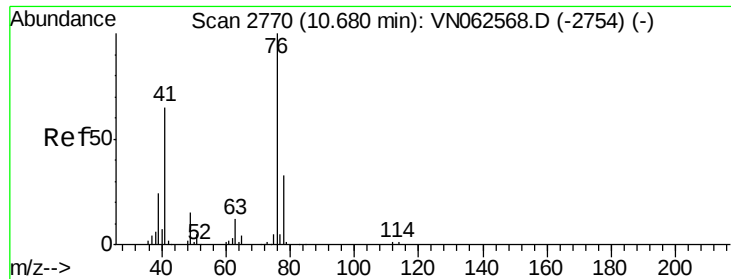
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#56
 Ethyl methacrylate
 Concen: 4.703 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion:	69	Resp:	19274
Ion	Ratio	Lower	Upper
69	100		
41	76.1	57.2	85.8
39	39.4	28.6	43.0





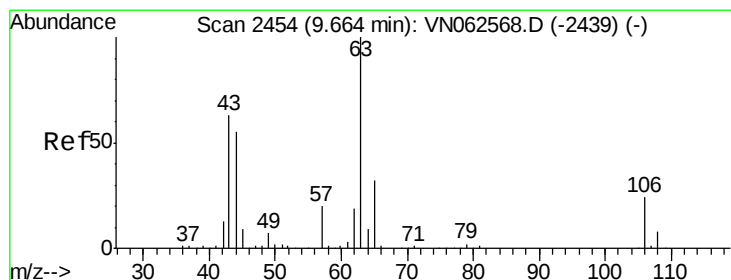
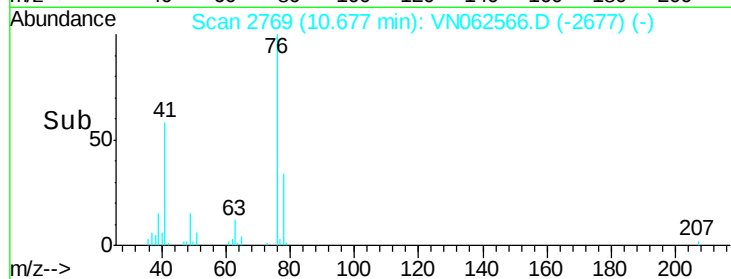
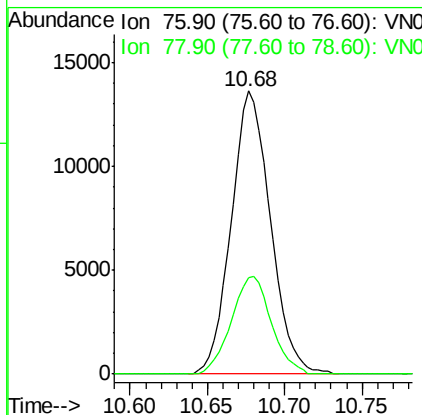
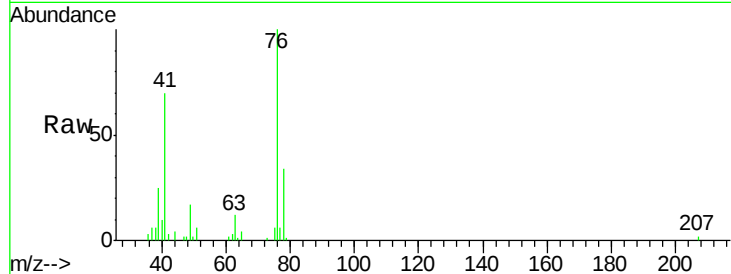
#57
 1,3-Dichloropropane
 Concen: 5.269 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	35.1	26.3	39.5

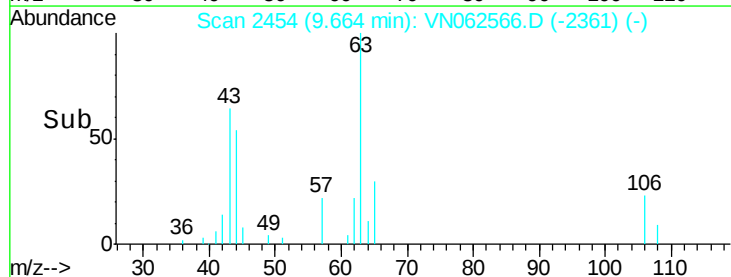
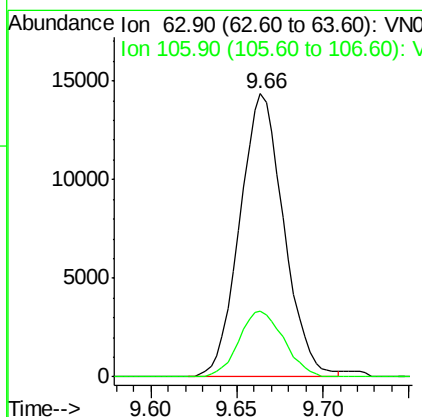
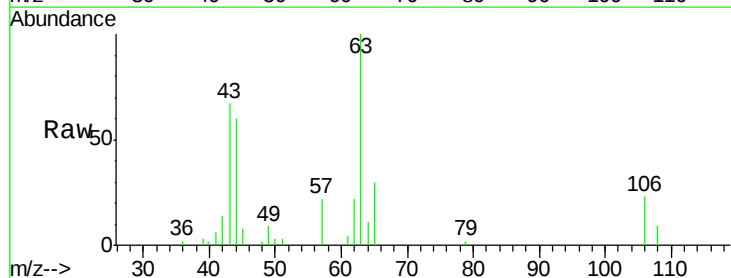
Manual Integrations
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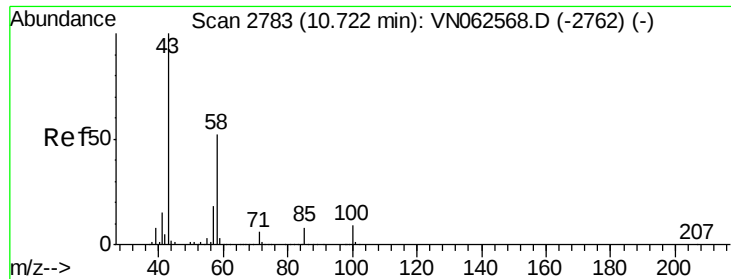
MMDadoda
 7/22/2020 2:45:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 18.121 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.6	18.9	28.3





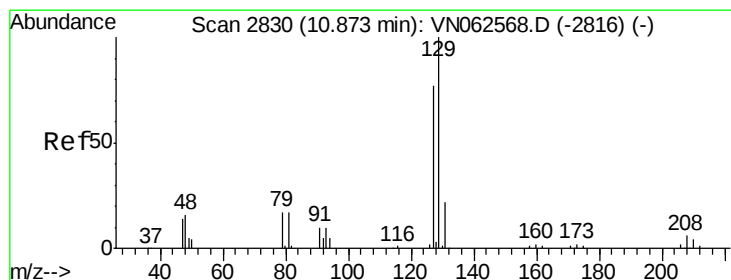
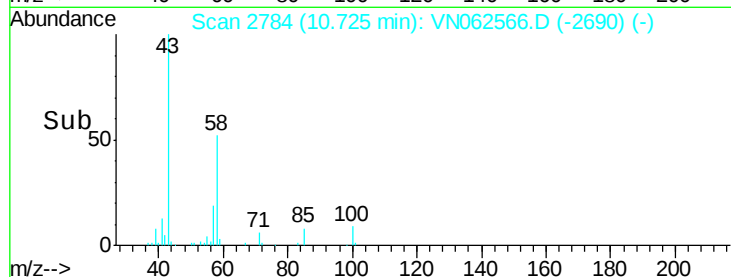
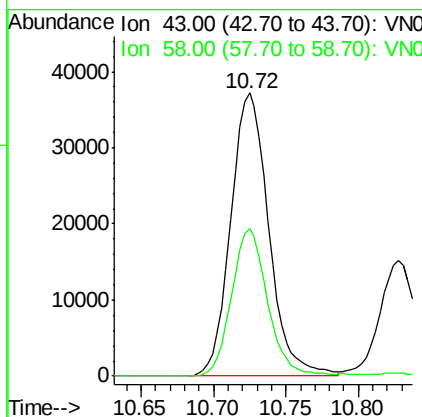
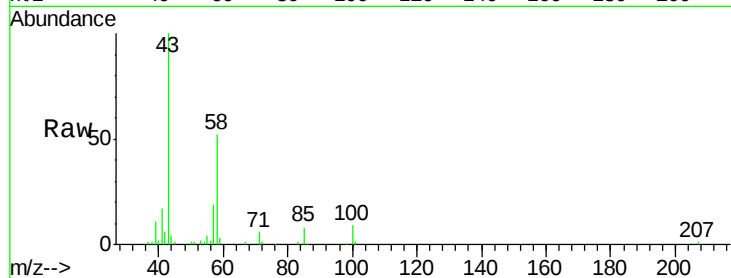
#59
2-Hexanone
Concen: 23.308 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 67952
Ion Ratio Lower Upper
43 100
58 49.0 26.0 78.0

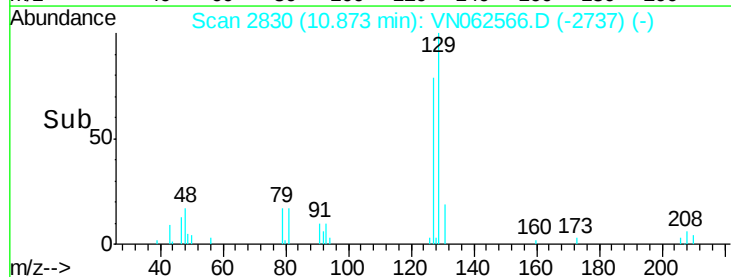
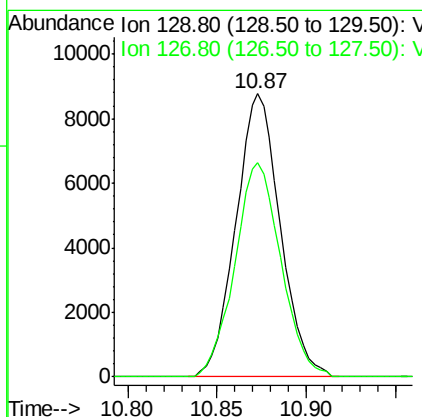
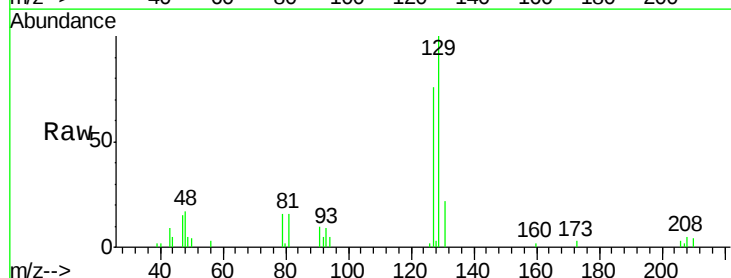
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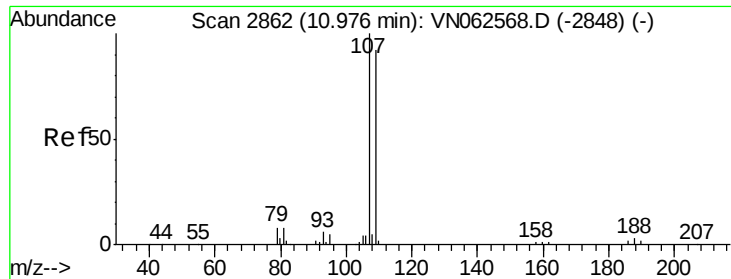
MMDadoda
7/22/2020 2:45:34 PM



#60
Dibromochloromethane
Concen: 5.654 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 129 Resp: 15227
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9





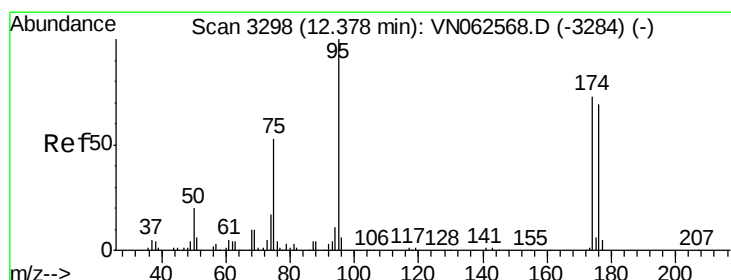
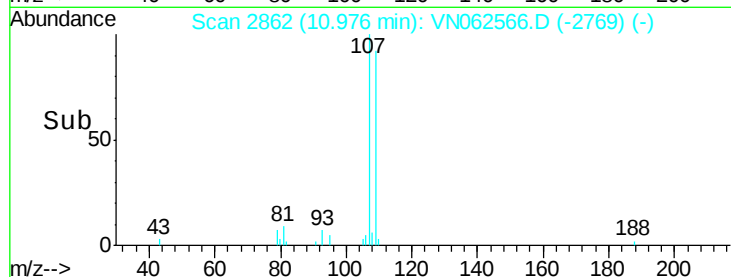
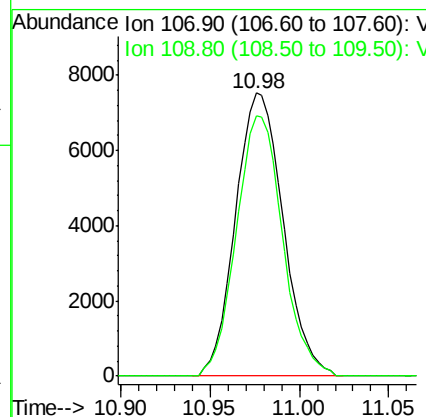
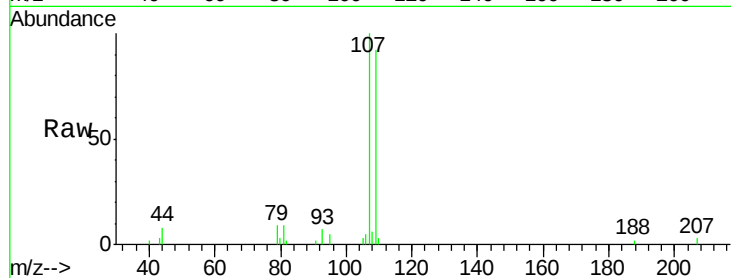
#61
 1,2-Dibromoethane
 Concen: 5.599 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 107 Resp: 14015
 Ion Ratio Lower Upper
 107 100
 109 89.4 73.8 110.6

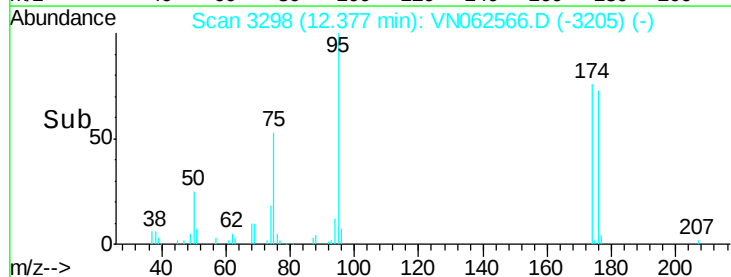
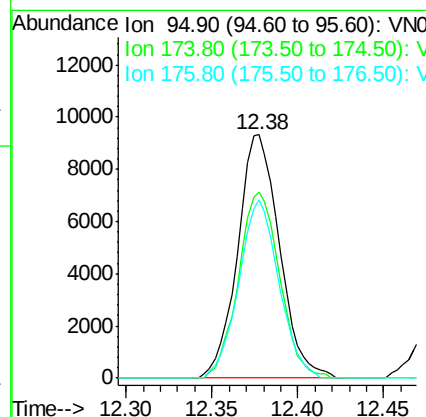
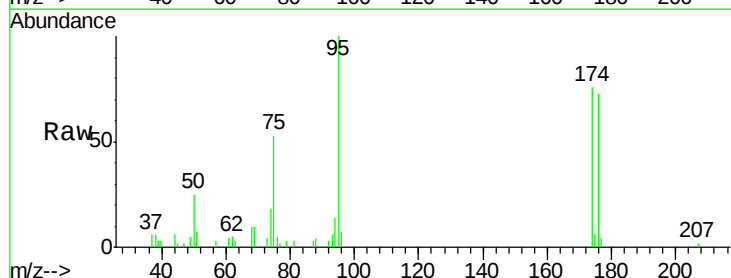
Manual Integrations
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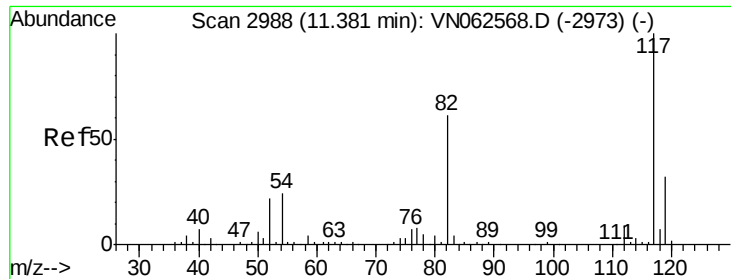
MMDadoda
 7/22/2020 2:45:34 PM



#62
 4-Bromofluorobenzene
 Concen: 4.832 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 95 Resp: 15823
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 144.6
 176 69.9 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

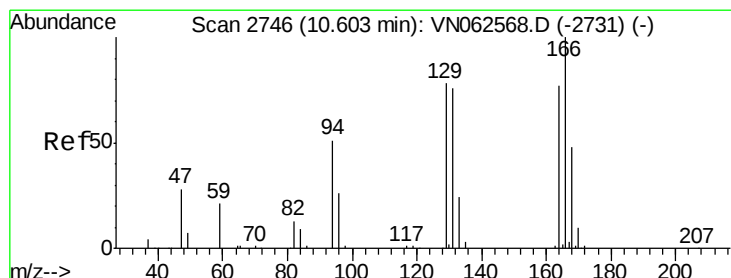
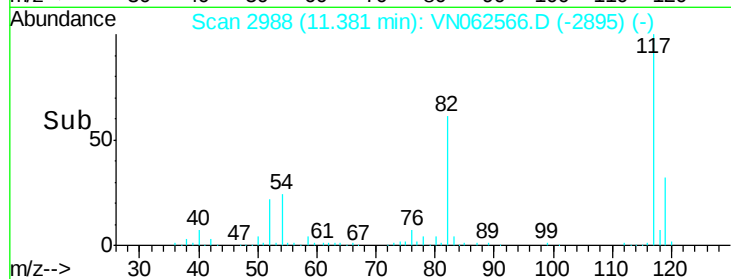
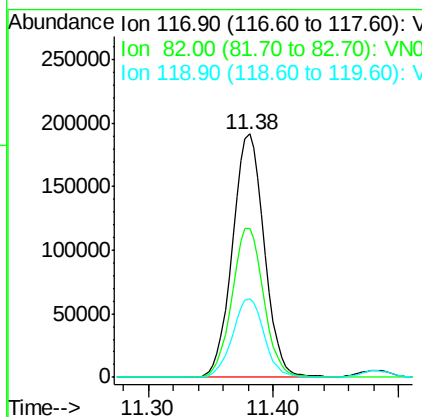
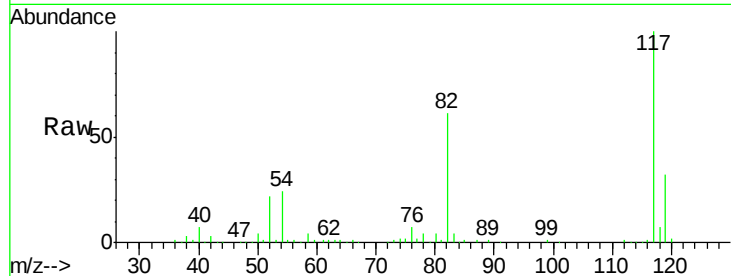
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	337624
Ion Ratio	Lower	Upper	
117	100		
82	61.3	49.0	73.6
119	32.4	25.4	38.2

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#64

Tetrachloroethene

Concen: 5.715 ug/l

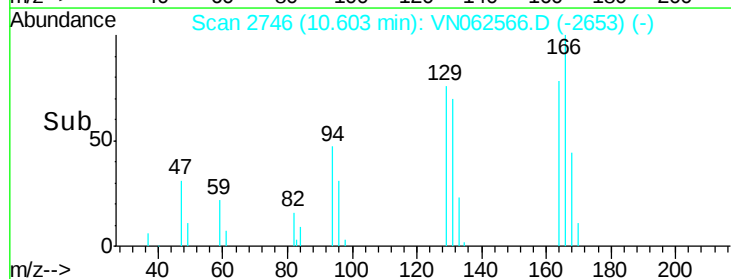
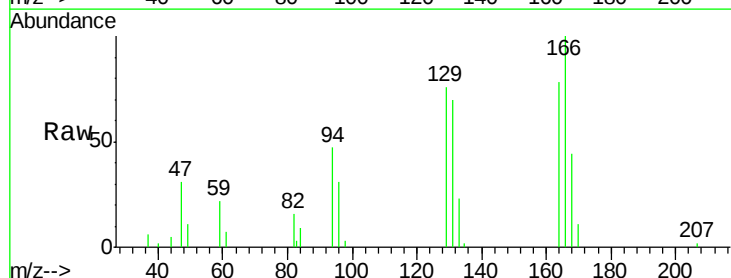
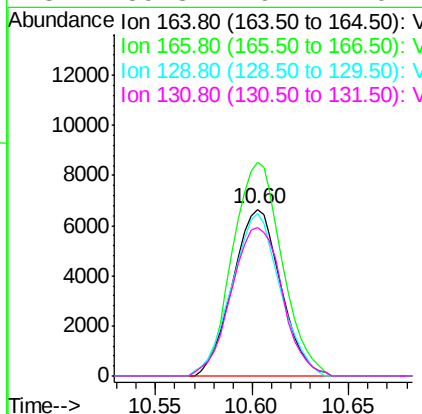
RT: 10.60 min Scan# 2746

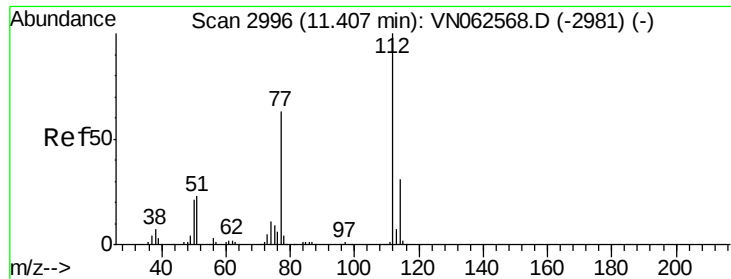
Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion:	164	Resp:	11523
Ion Ratio	Lower	Upper	
164	100		
166	127.9	104.4	156.6
129	97.4	81.0	121.4
131	89.3	79.4	119.2





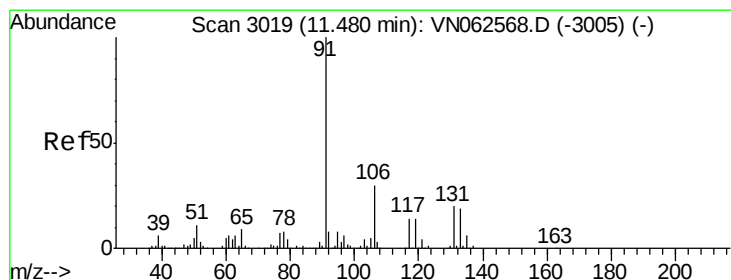
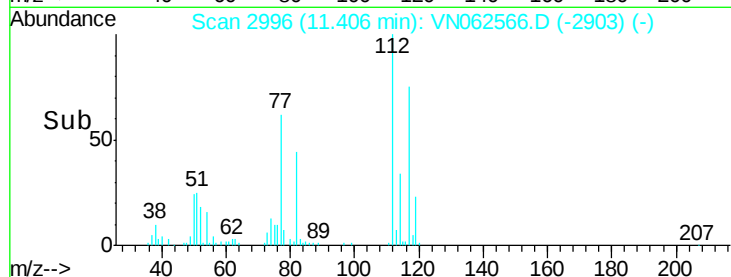
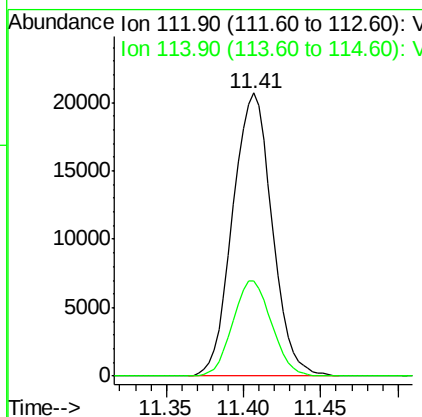
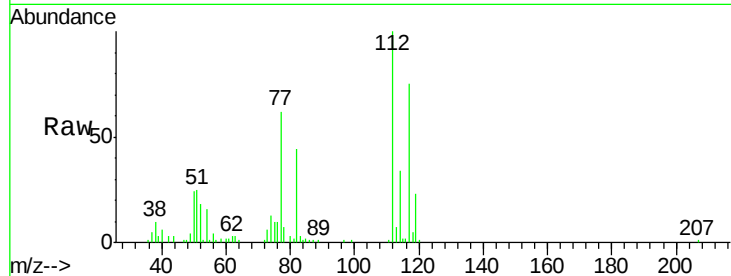
#65
Chlorobenzene
Concen: 5.575 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 36701
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7

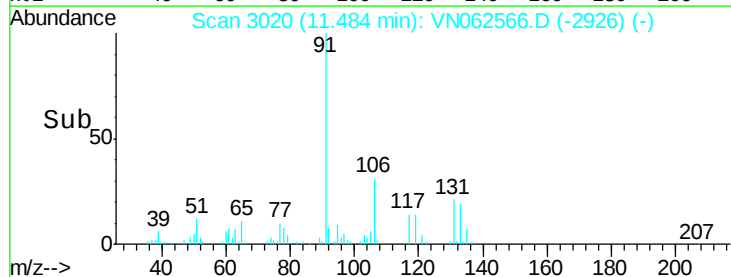
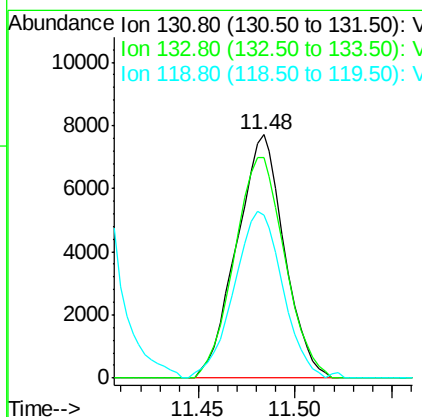
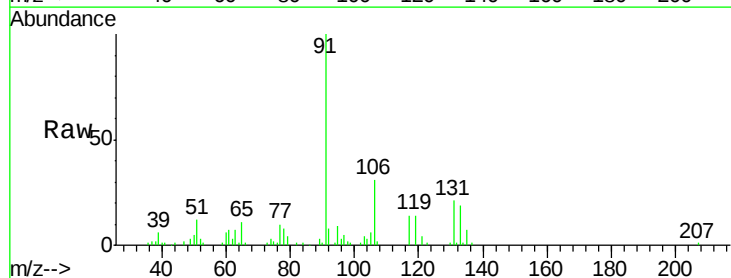
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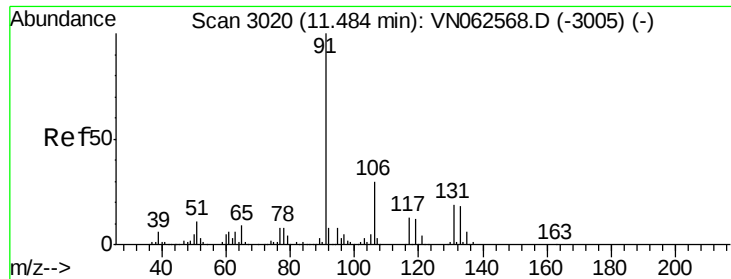
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.435 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion:131 Resp: 13190
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 69.8 33.7 101.0





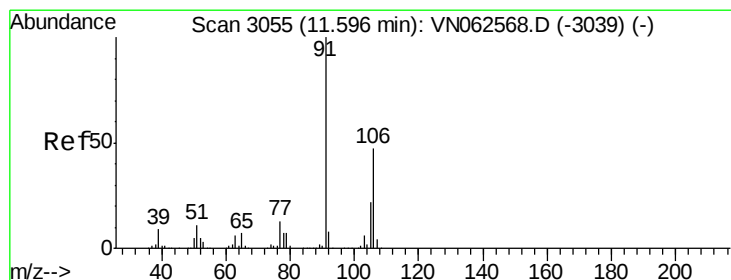
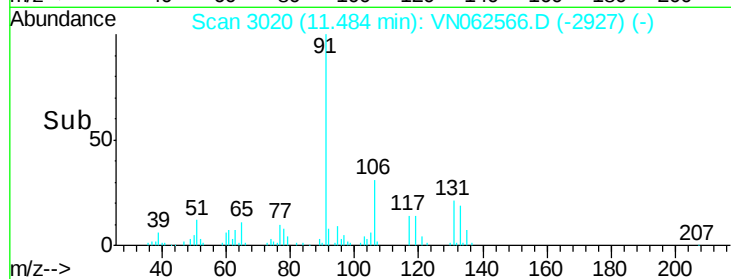
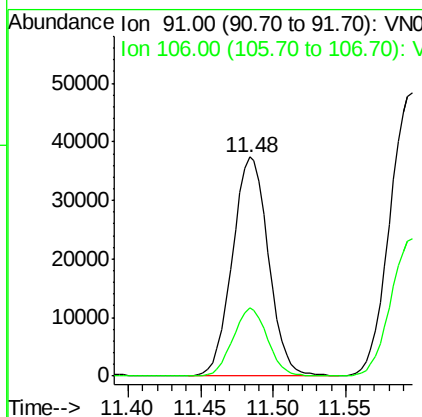
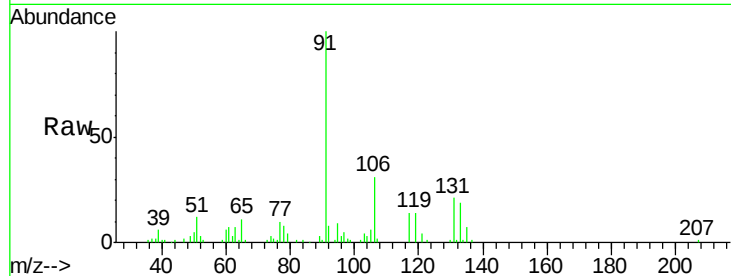
#67
Ethyl Benzene
Concen: 5.262 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 64770
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.8

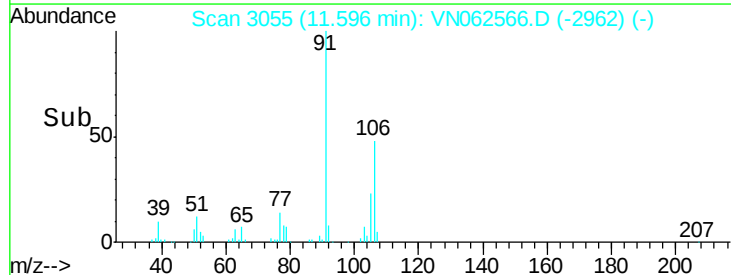
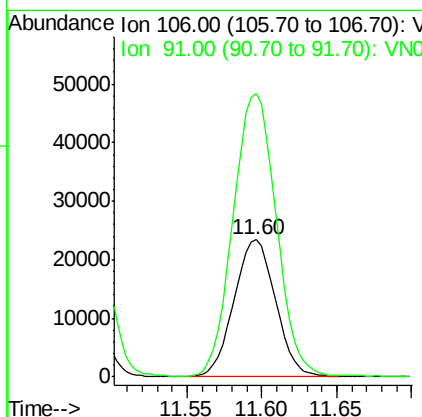
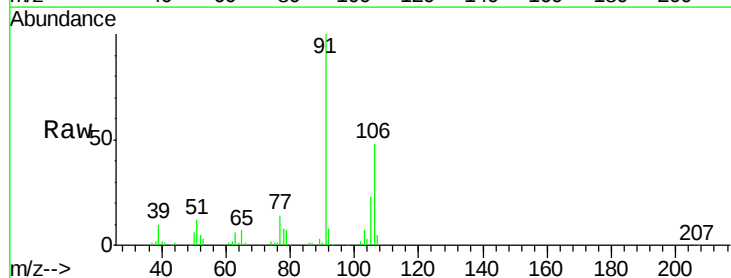
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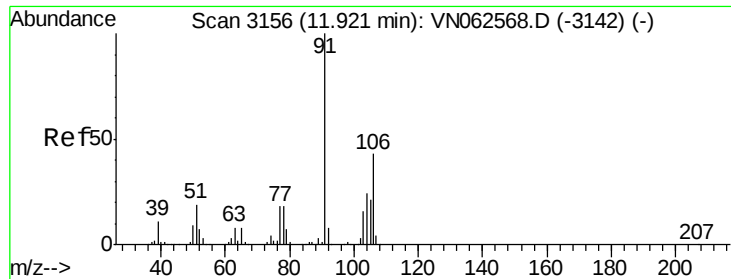
MMDadoda
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#68
m/p-Xylenes
Concen: 10.345 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 106 Resp: 45275
Ion Ratio Lower Upper
106 100
91 215.1 171.4 257.2





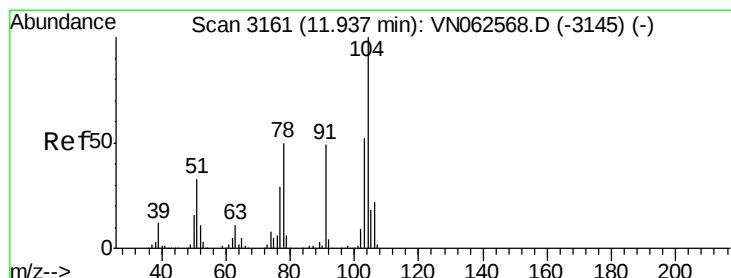
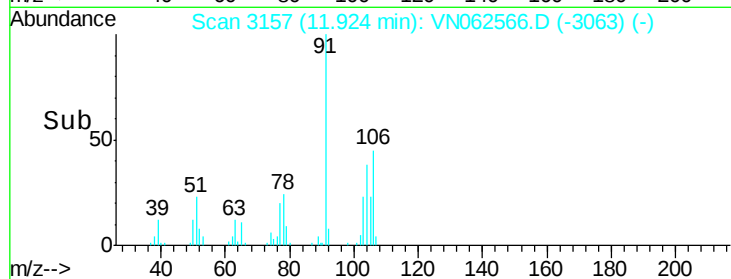
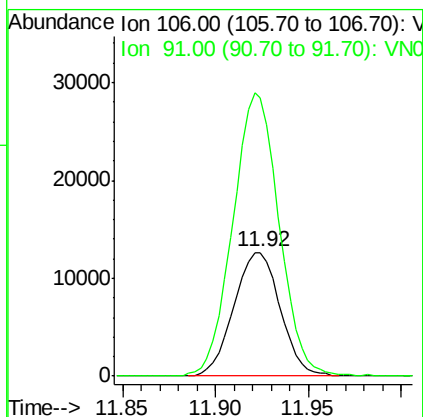
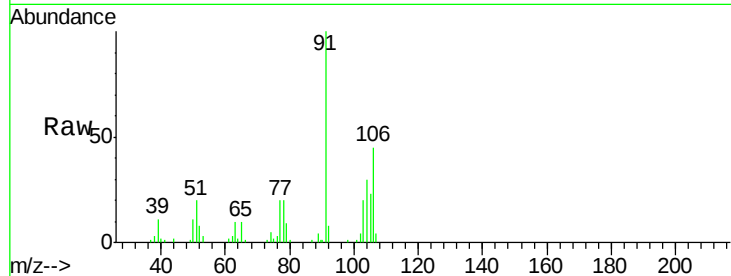
#69
o-Xylene
Concen: 5.166 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		21960		
91	227.2	113.8	341.2		

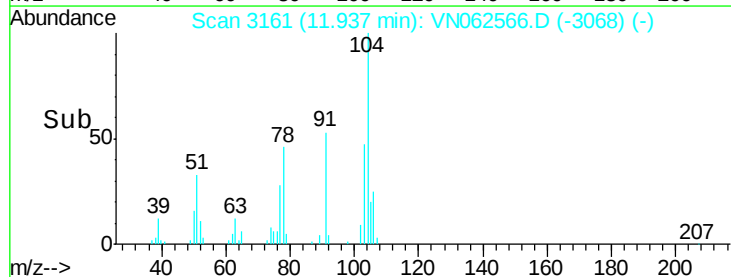
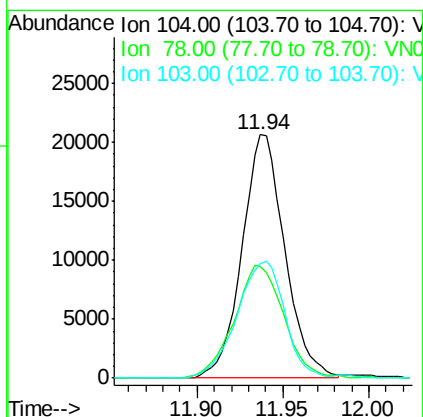
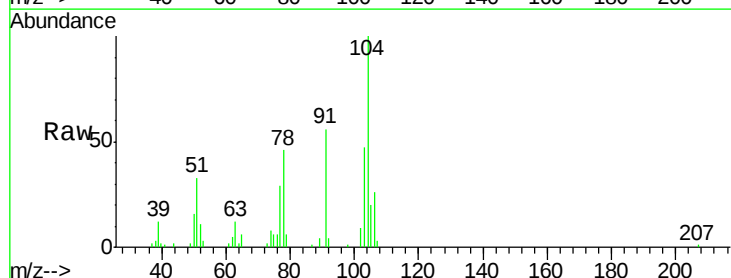
Manual Integrations
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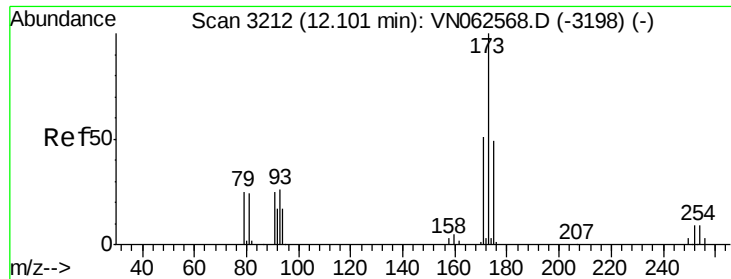
MMDadoda
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#70
Styrene
Concen: 5.062 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		35598		
78	53.9	43.8	65.6		
103	53.6	44.0	66.0		





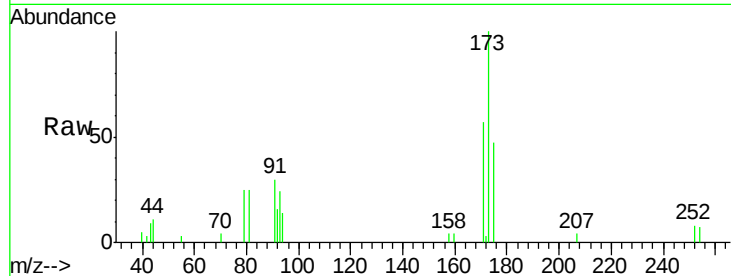
#71
Bromoform
Concen: 5.780 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

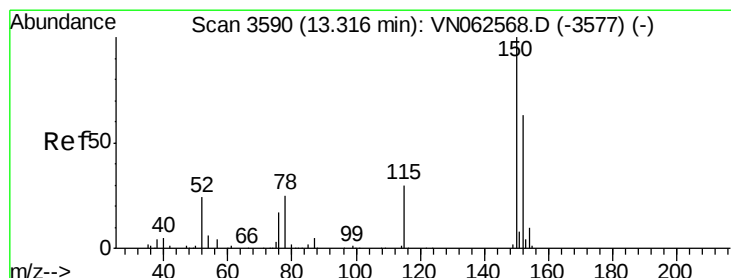
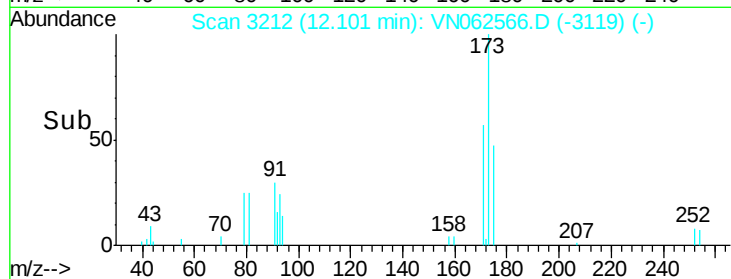
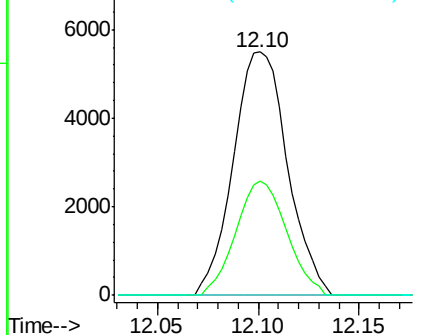
Tot Ion	Ratio	Lower	Upper
173	100		
175	43.9	24.1	72.2
254	0.0	0.0	0.0

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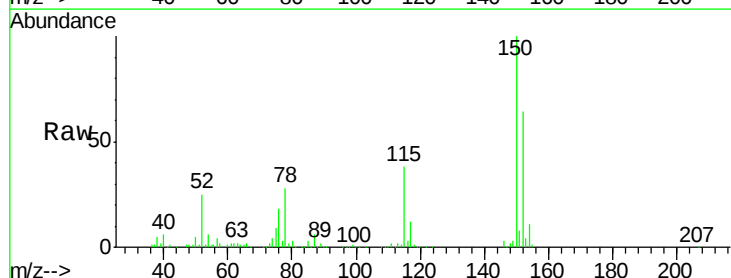


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

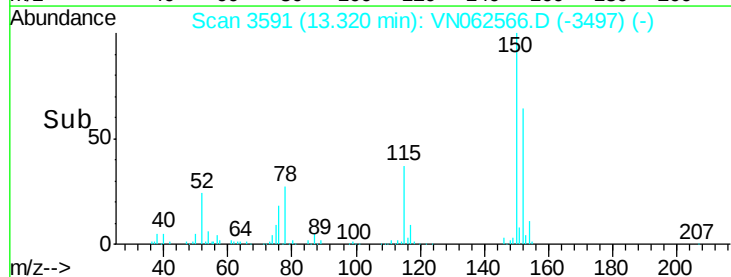
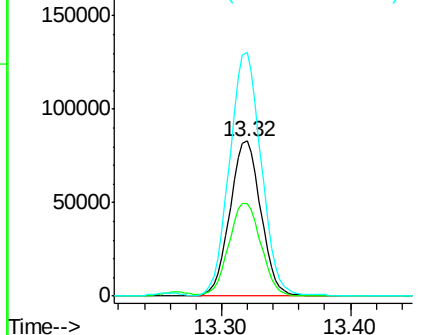


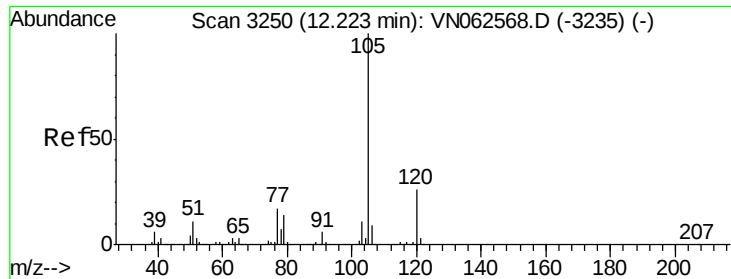
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.8	95.4
150	158.8	0.0	351.4



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: 5.520 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 59235

Ion Ratio Lower Upper

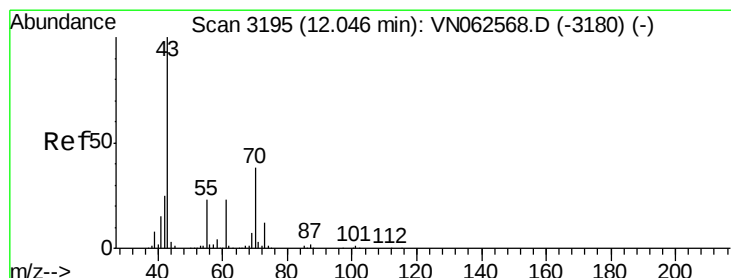
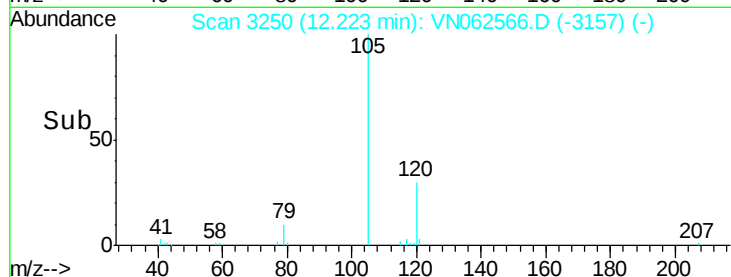
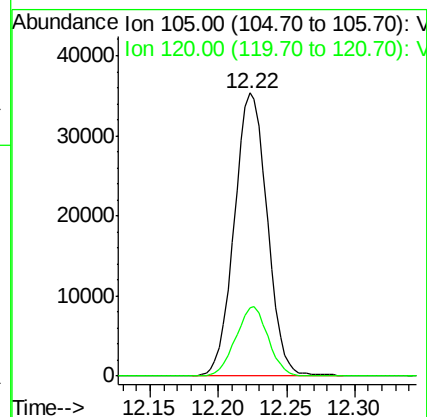
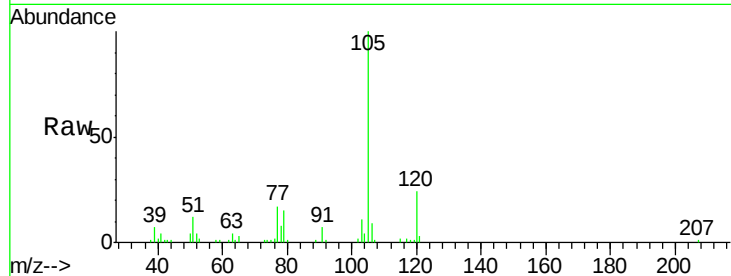
105 100

120 24.0 12.8 38.4

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#74

N-ethyl acetate

Concen: 4.389 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion: 43 Resp: 22637

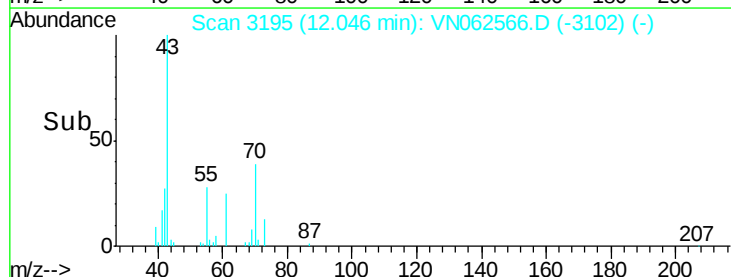
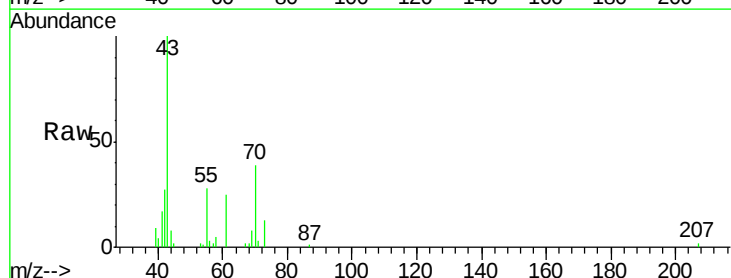
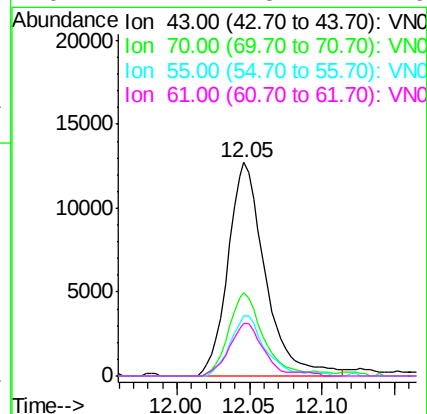
Ion Ratio Lower Upper

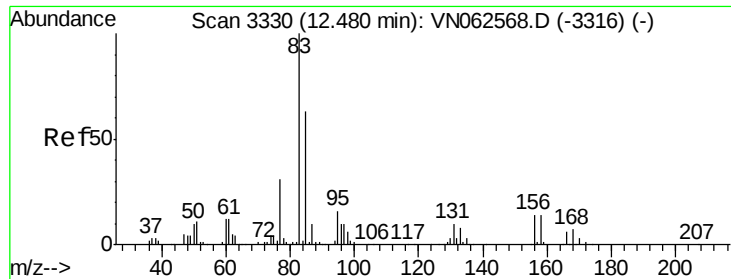
43 100

70 35.8 30.5 45.7

55 26.0 19.0 28.6

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.945 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

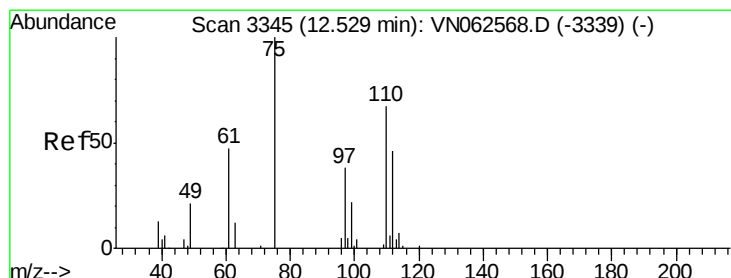
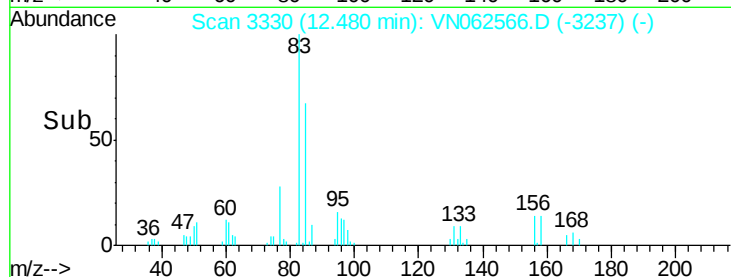
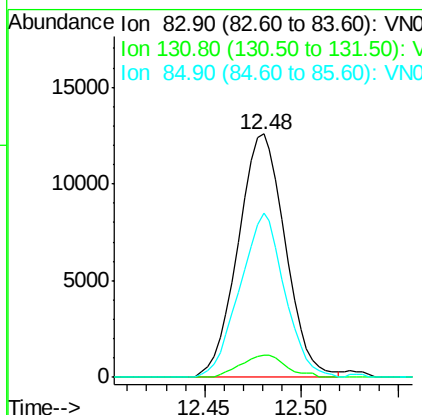
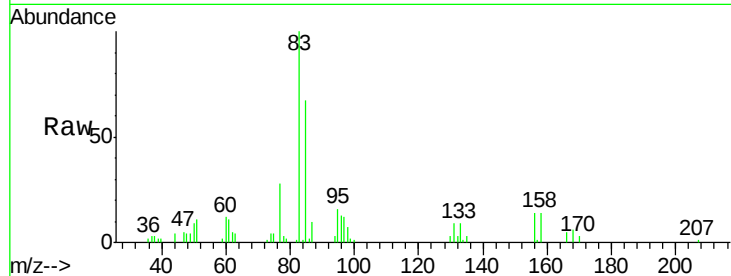
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	21435
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.8	14.3
85	63.9	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.510 ug/l m

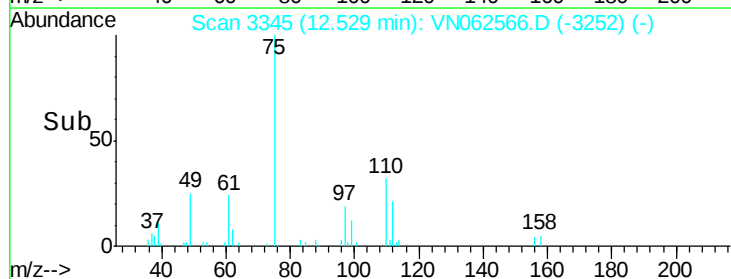
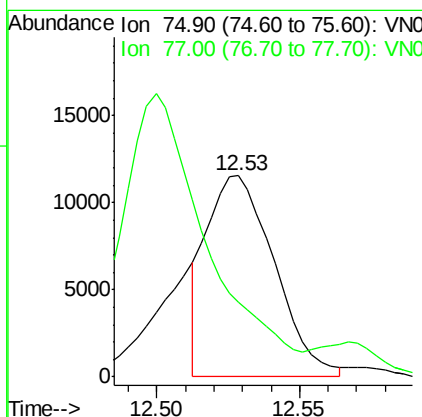
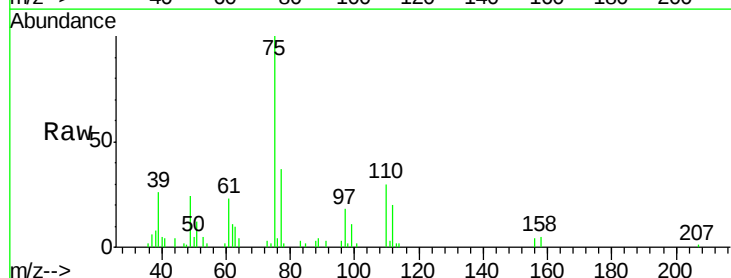
RT: 12.53 min Scan# 3345

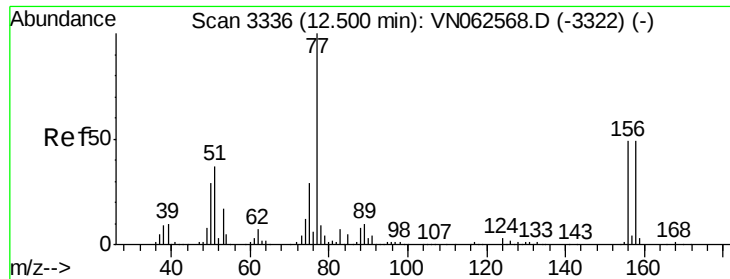
Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion:	75	Resp:	18960
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





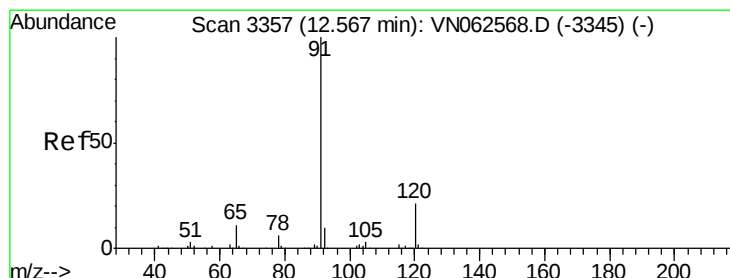
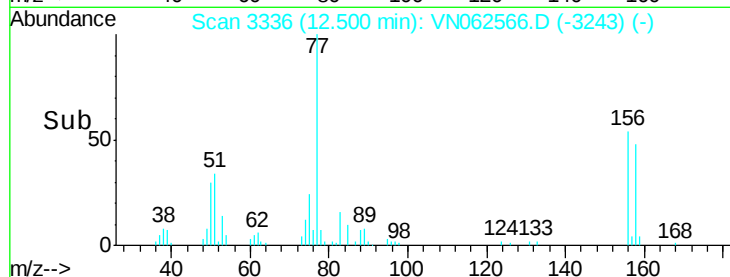
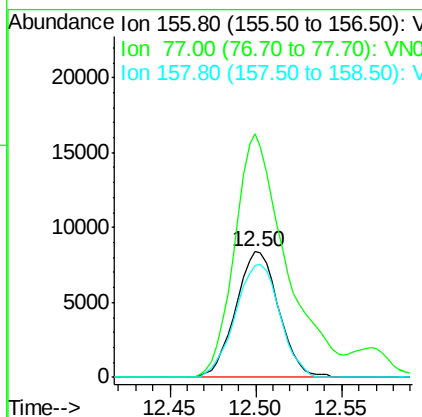
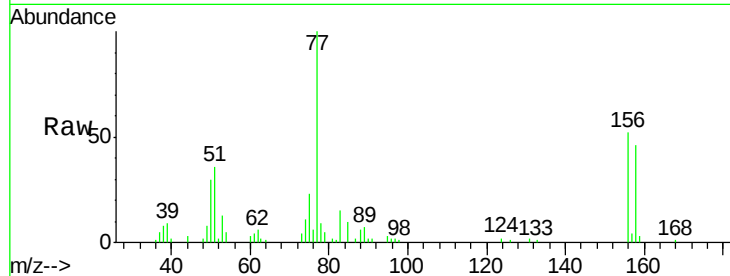
#77
Bromobenzene
Concen: 5.974 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	231.7	122.8	368.3
158	93.0	49.4	148.0

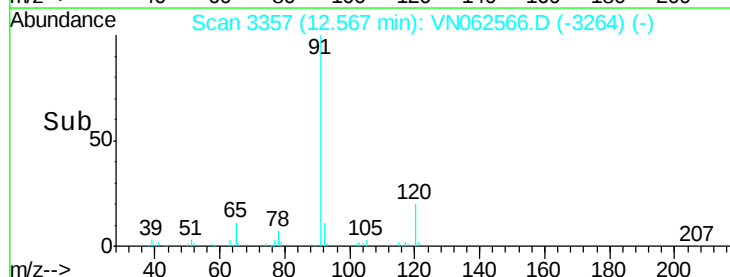
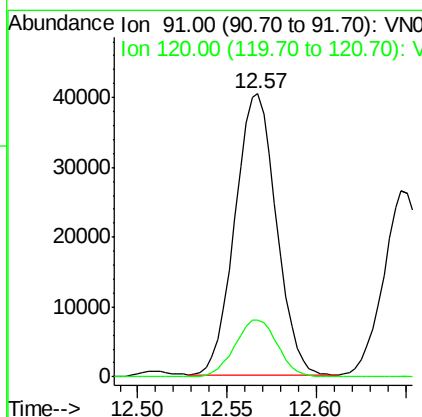
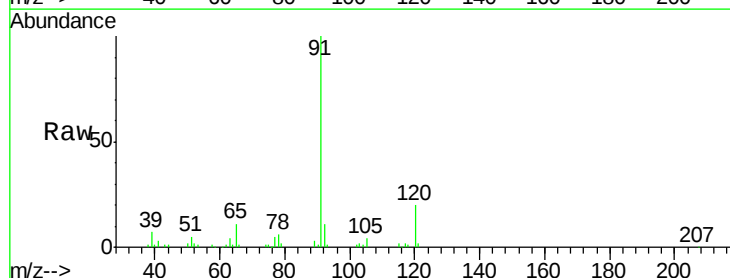
Manual Integrations
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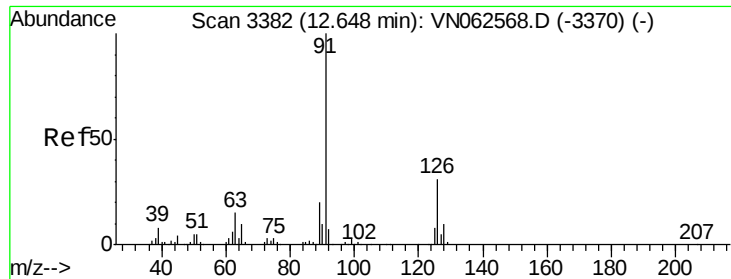
MMDadoda
7/22/2020 2:45:34 PM



#78
n-propylbenzene
Concen: 5.211 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.9	32.6





#79

2-Chlorotoluene

Concen: 5.635 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 42912

Ion Ratio Lower Upper

91 100

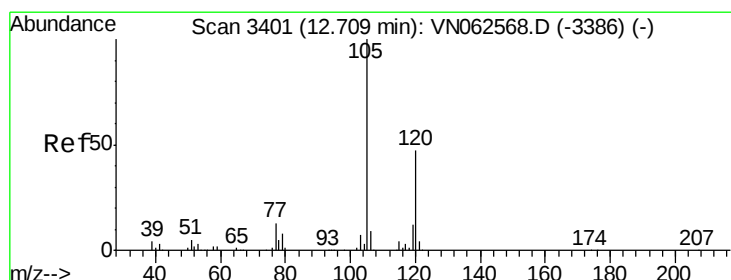
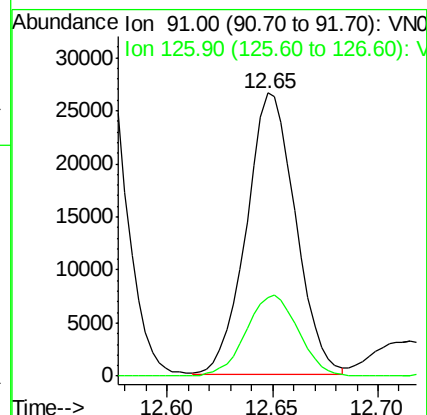
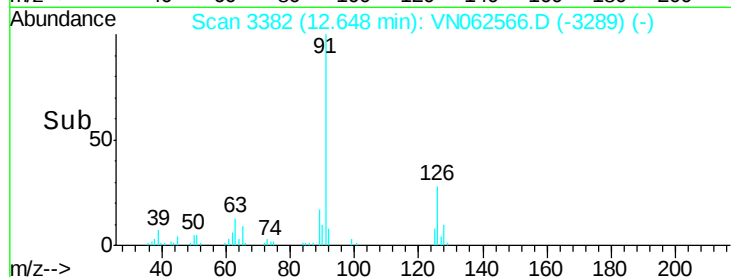
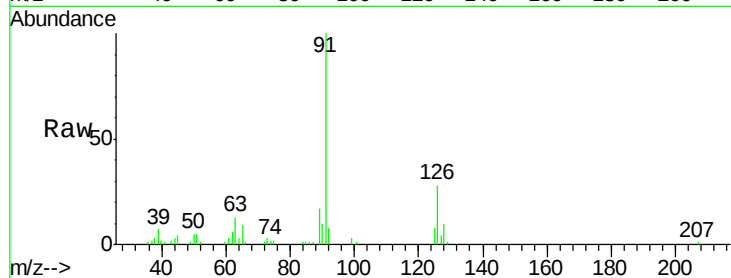
126 30.5 15.9 47.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 5.412 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062566.D

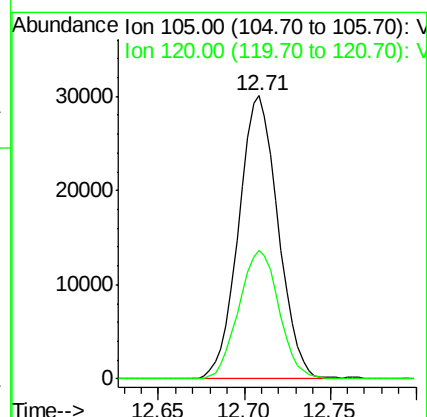
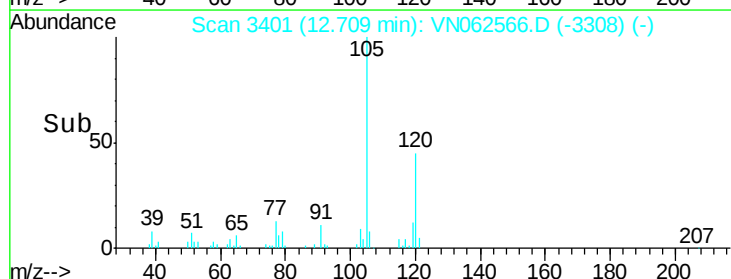
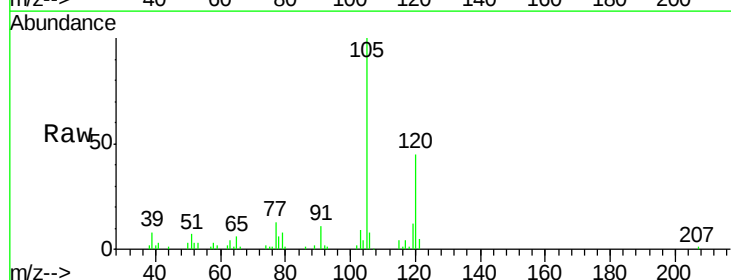
Acq: 21 Jul 2020 11:57

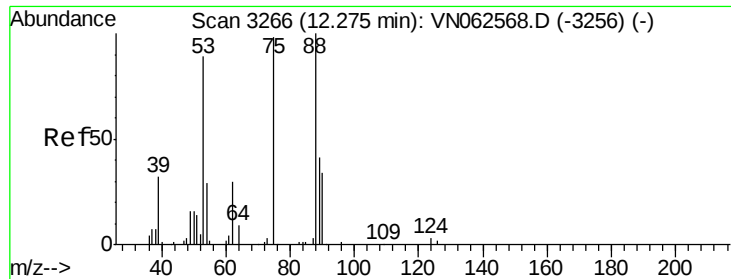
Tgt Ion: 105 Resp: 47846

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





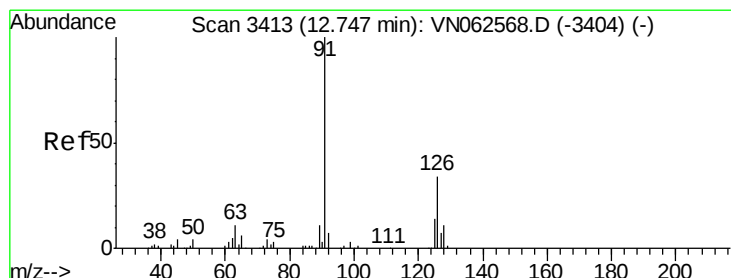
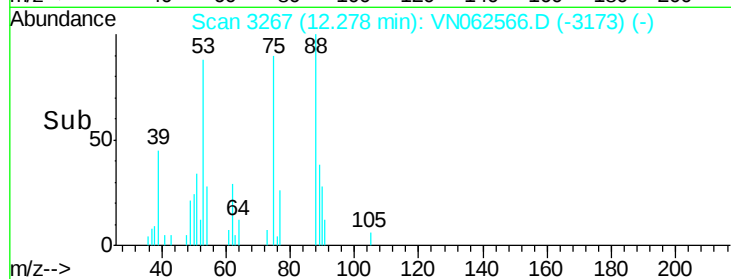
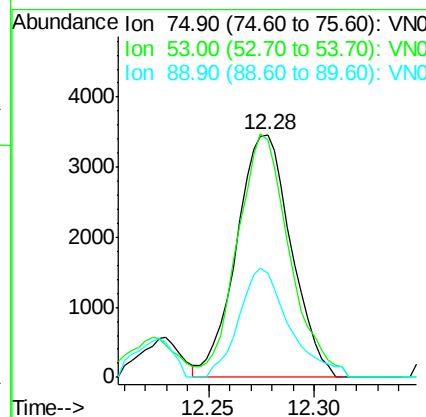
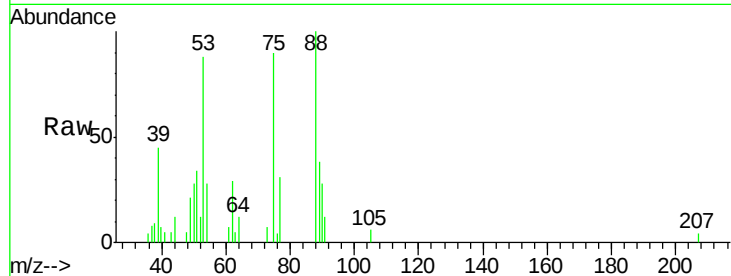
#81
trans-1,4-Dichloro-2-butene
Concen: 4.927 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.4	75.4	113.0
89	41.6	34.5	51.7

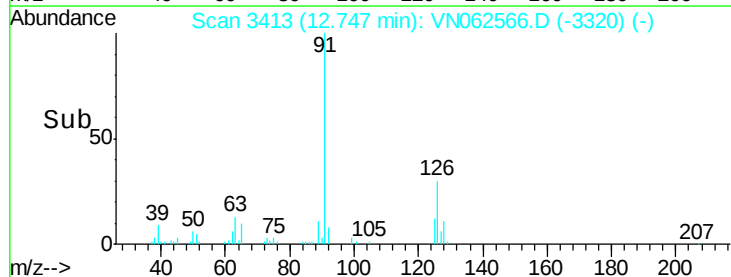
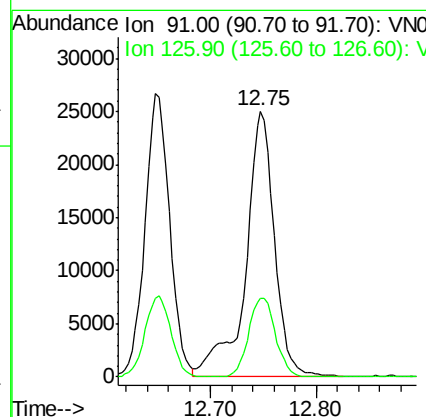
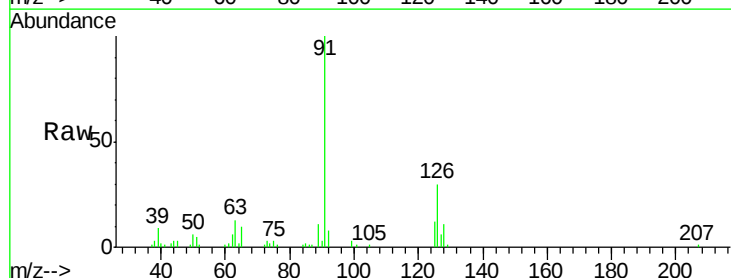
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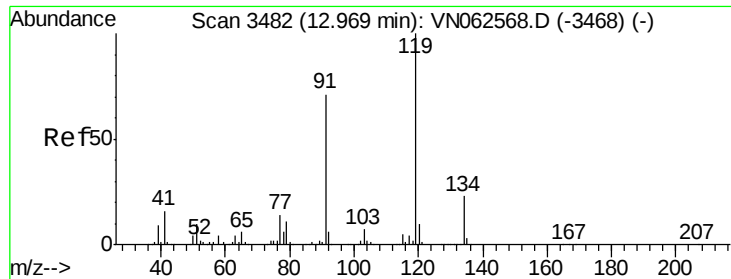
MMDadoda
7/22/2020 2:45:34 PM



#82
4-Chlorotoluene
Concen: 6.182 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.4	15.4	46.4





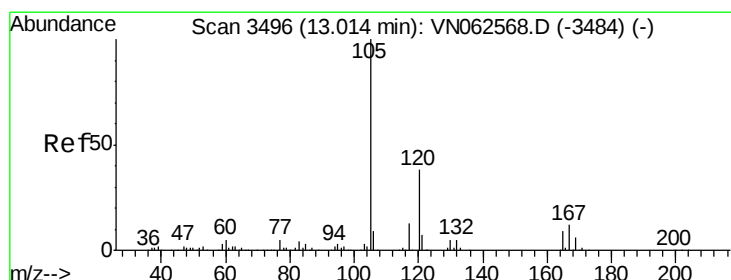
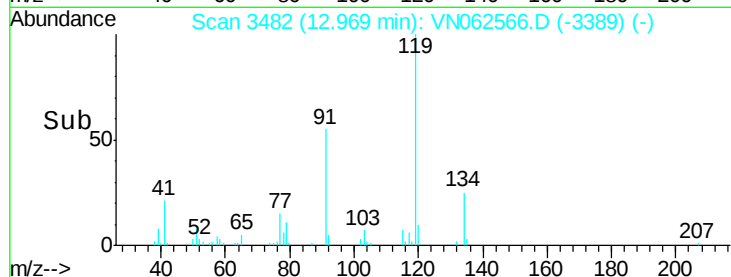
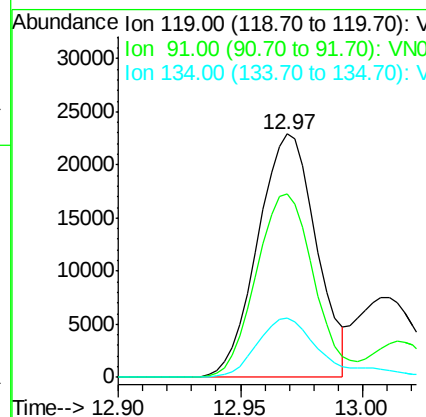
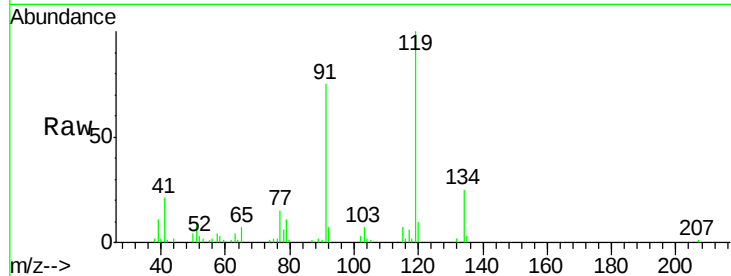
#83
tert-Butylbenzene
Concen: 5.108 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	74.6	34.6	103.8
134	24.7	11.5	34.4

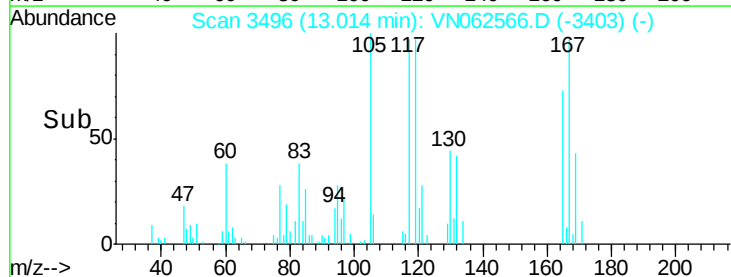
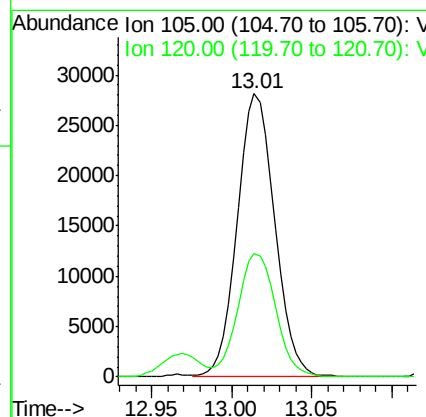
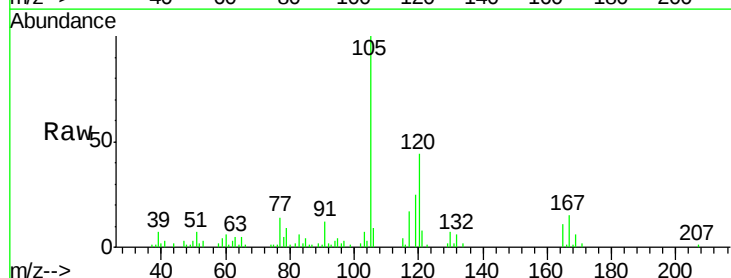
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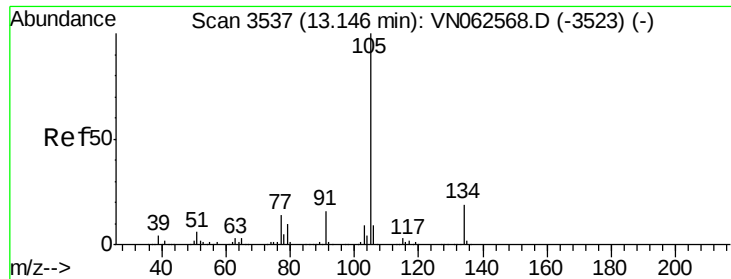
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 5.123 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.3





#85

sec-Butylbenzene

Concen: 5.249 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion:105 Resp: 51886

Ion Ratio Lower Upper

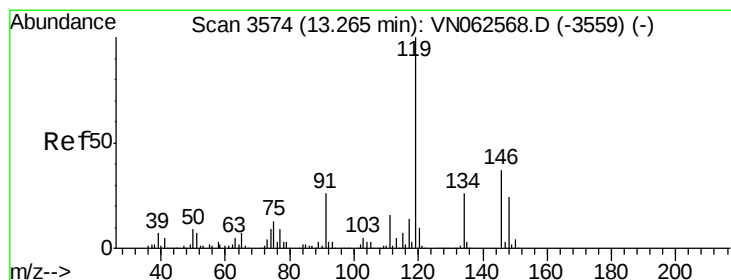
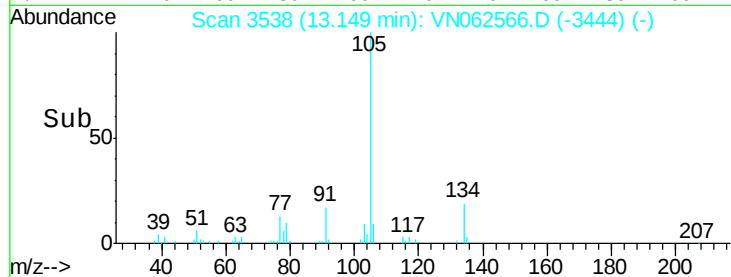
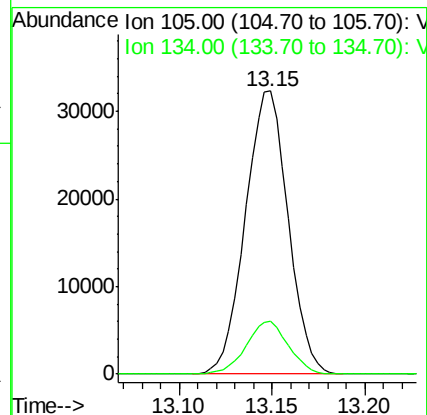
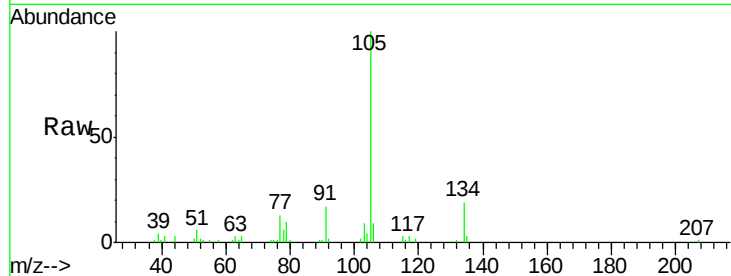
105 100

134 18.4 9.5 28.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 4.997 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

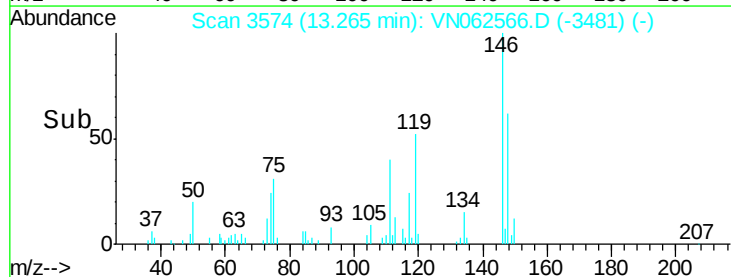
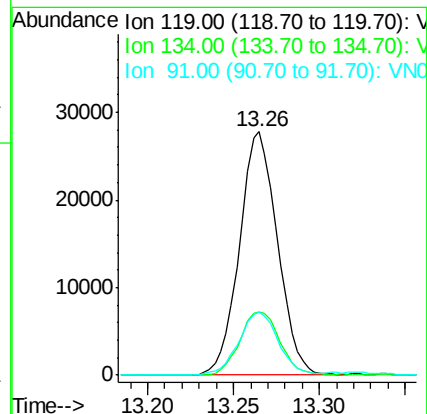
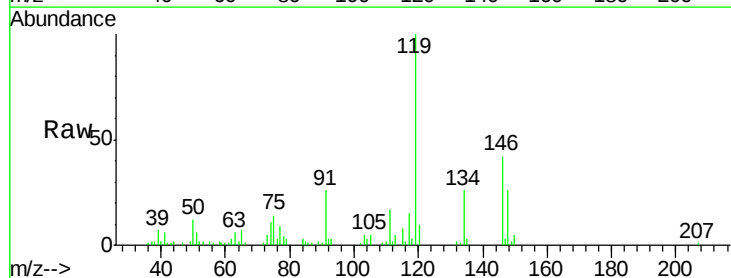
Tgt Ion:119 Resp: 42624

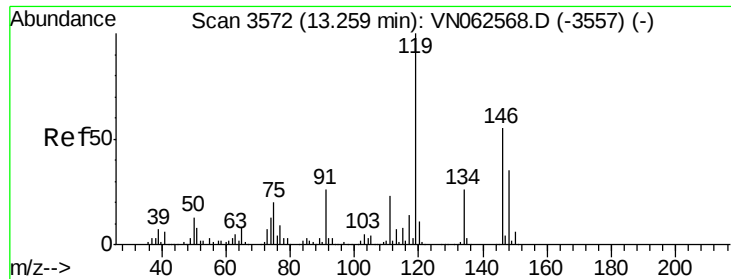
Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.4

91 27.0 12.7 38.1





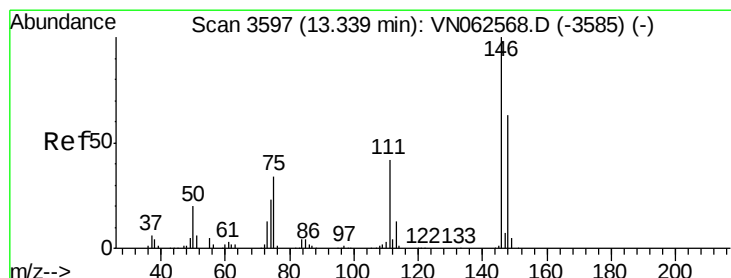
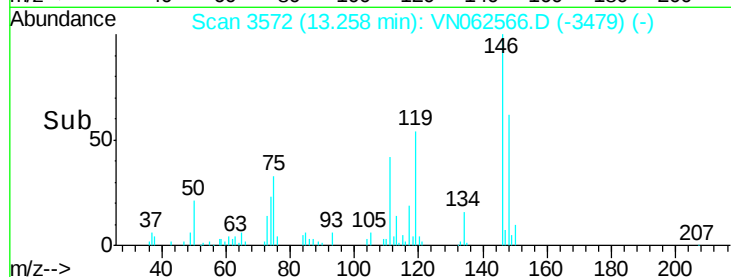
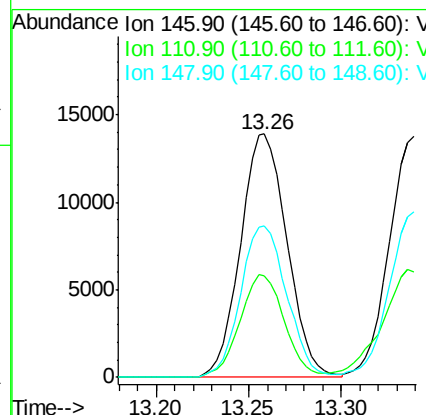
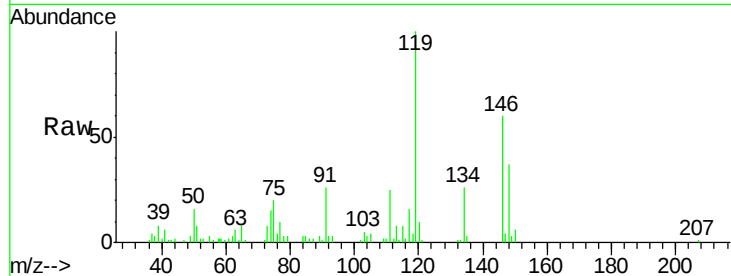
#87
 1,3-Dichlorobenzene
 Concen: 5.729 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.6	64.6
148	61.6	31.8	95.4

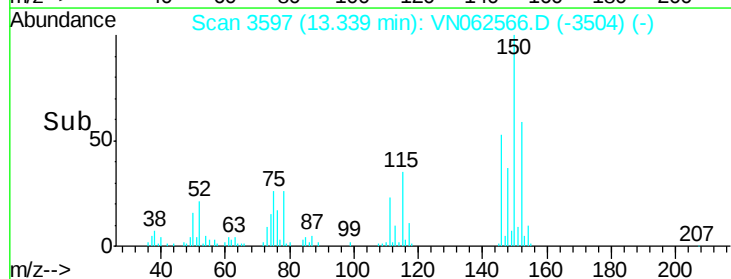
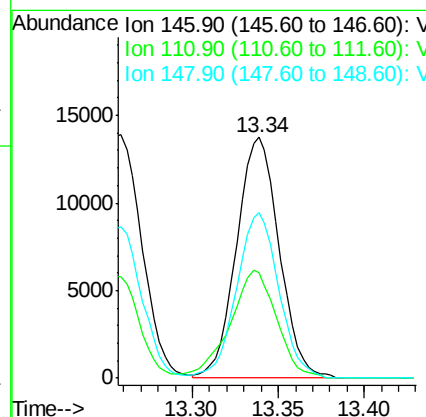
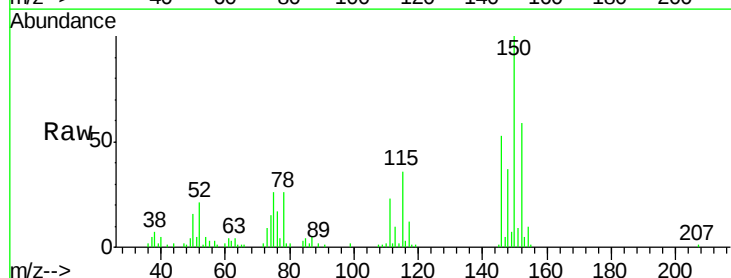
Manual Integrations
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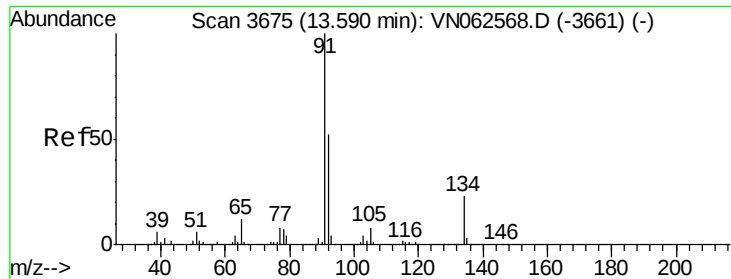
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#88
 1,4-Dichlorobenzene
 Concen: 5.458 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.3	21.1	63.1
148	68.2	31.6	94.8





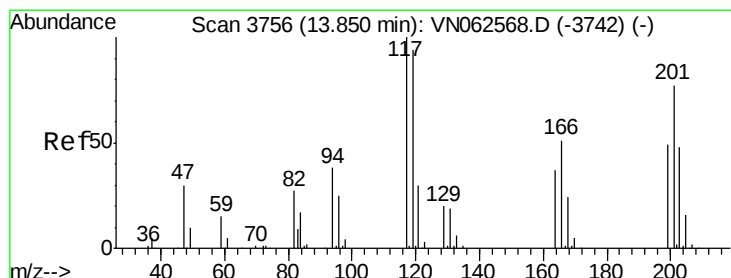
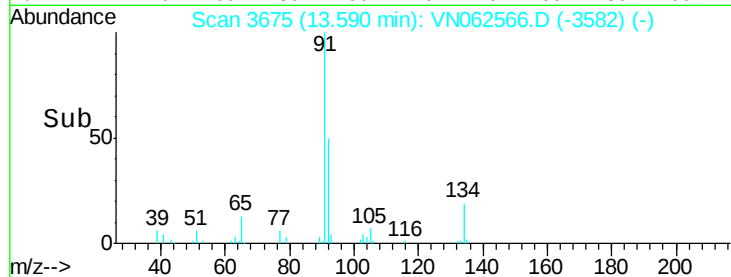
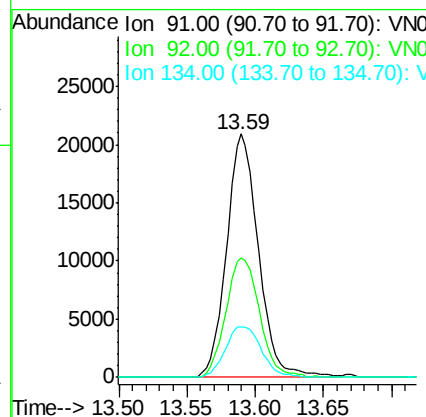
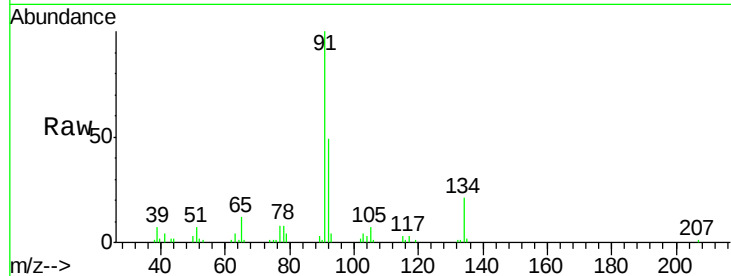
#89
n-Butylbenzene
Concen: 4.535 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.3
134	23.5	11.8	35.3

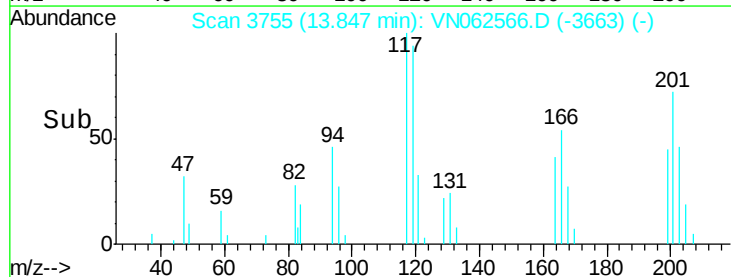
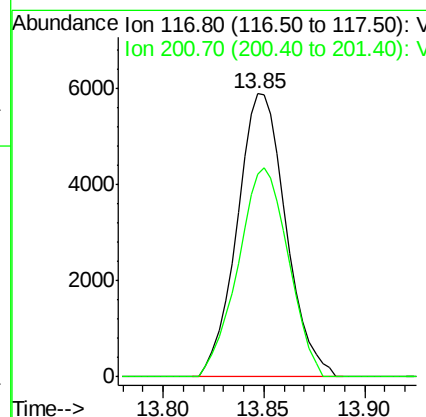
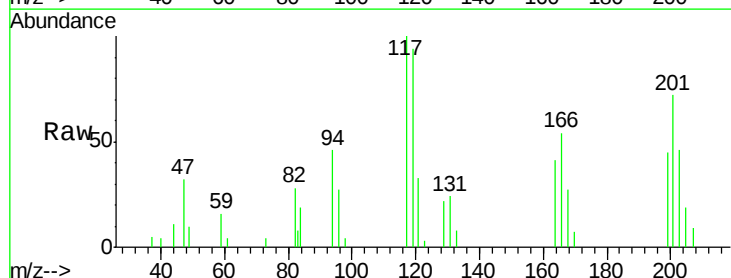
Manual Integrations
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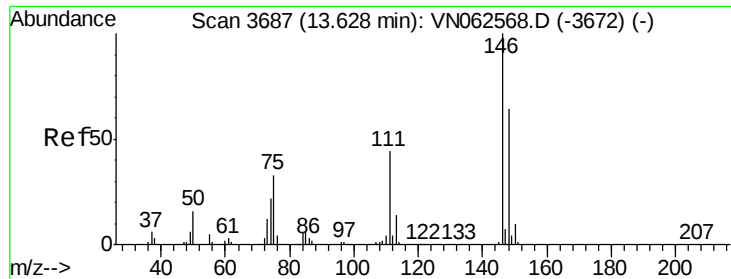
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#90
Hexachloroethane
Concen: 5.932 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.8	39.2	117.6





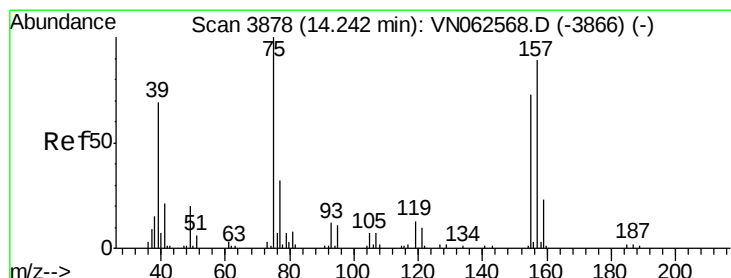
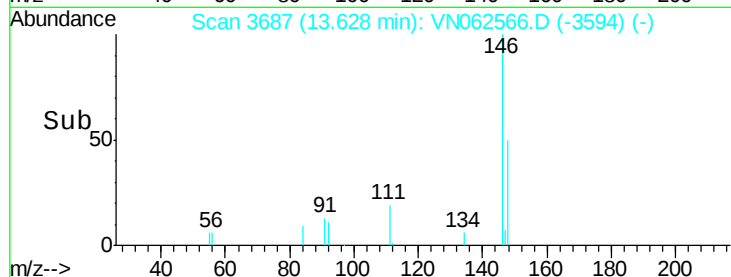
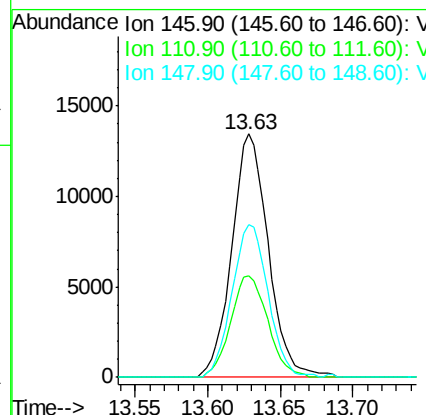
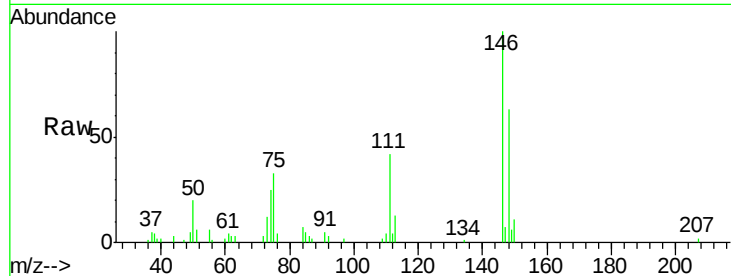
#91
 1,2-Dichlorobenzene
 Concen: 5.738 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.9	65.8
148	62.1	31.6	94.7

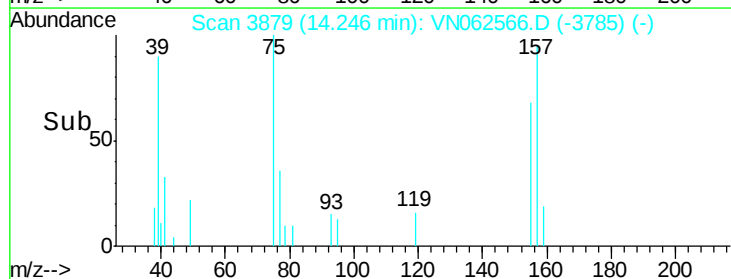
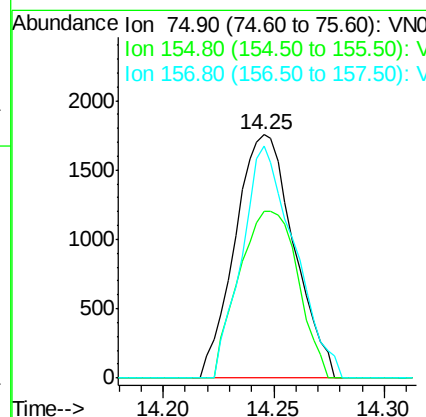
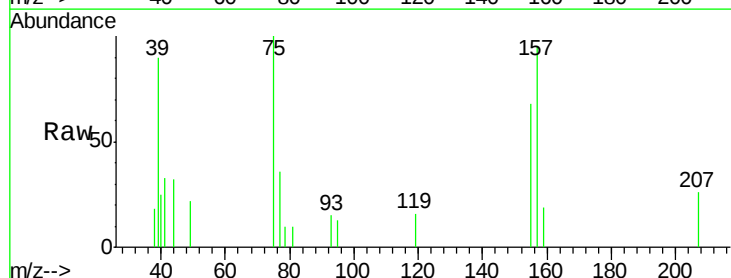
Manual Integrations
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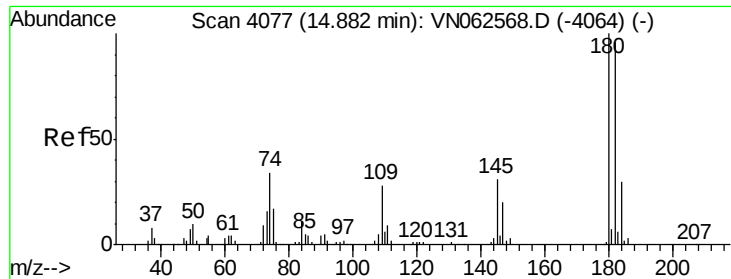
MMDadoda
 7/22/2020 2:45:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.942 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.5	35.9	107.5
157	85.3	45.0	135.0





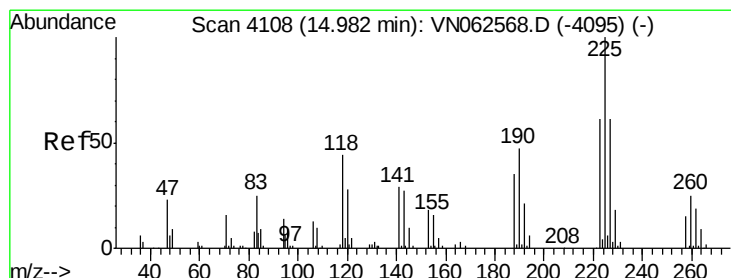
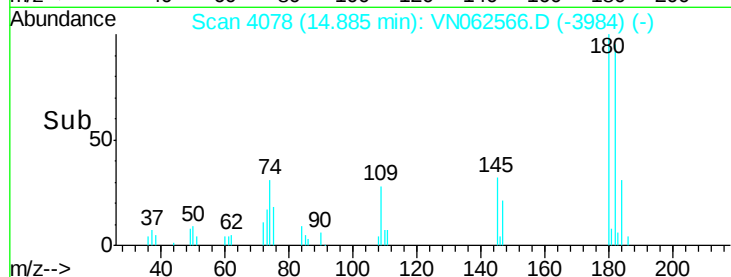
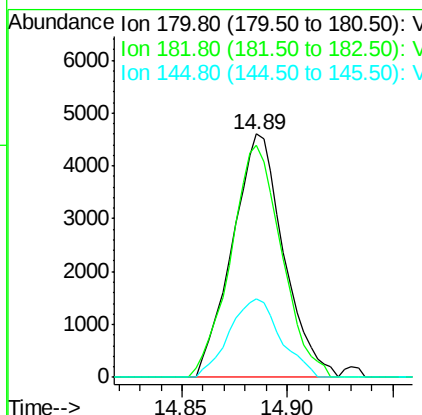
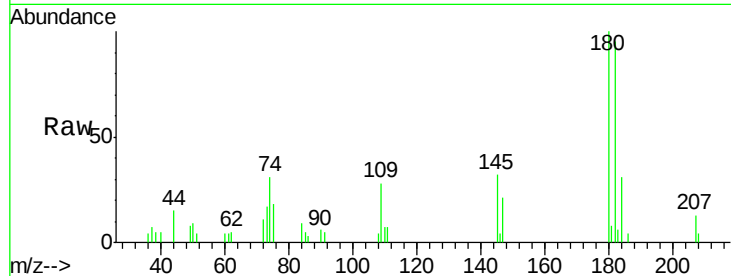
#93
 1,2,4-Trichlorobenzene
 Concen: 4.239 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.3
145	32.2	15.3	45.9

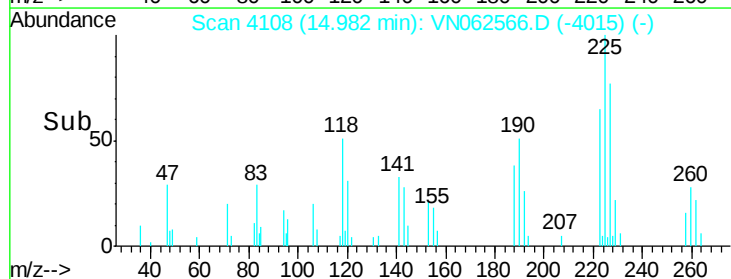
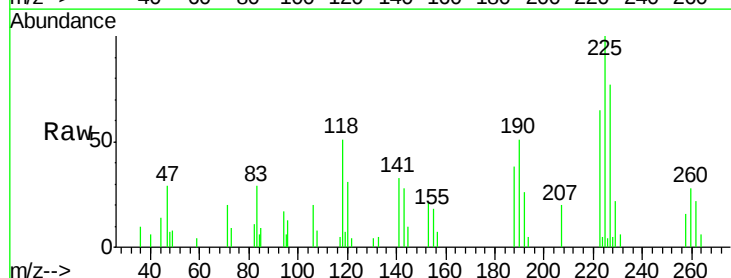
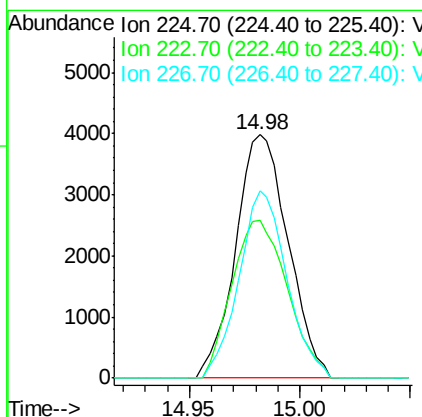
Manual Integrations
 APPROVED

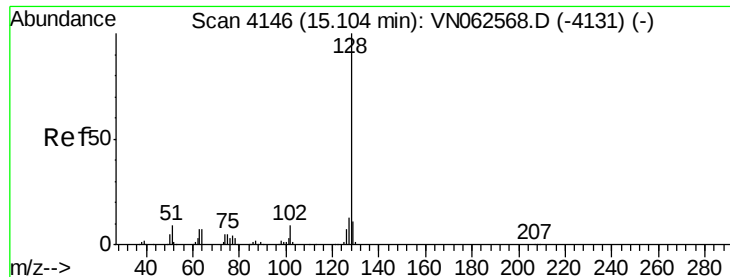
MMDadoda
 7/22/2020 2:45:34 PM



#94
 Hexachlorobutadiene
 Concen: 5.977 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.7	32.0	96.0
227	70.1	31.1	93.2





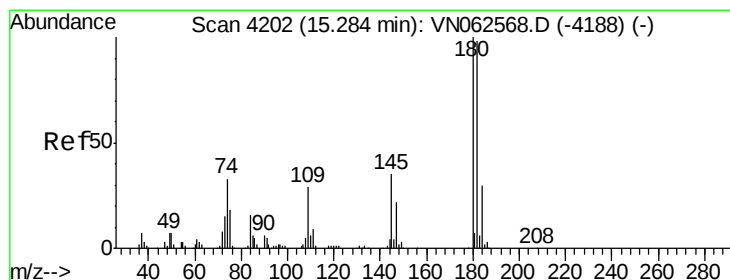
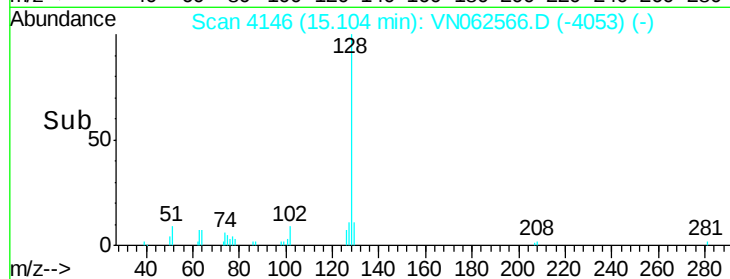
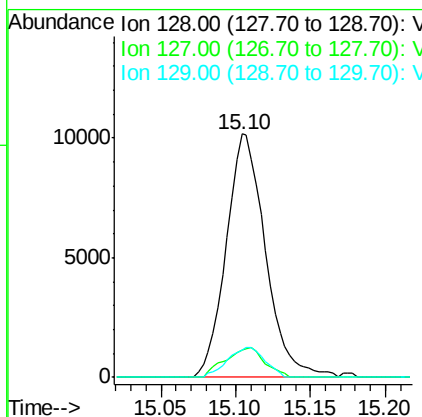
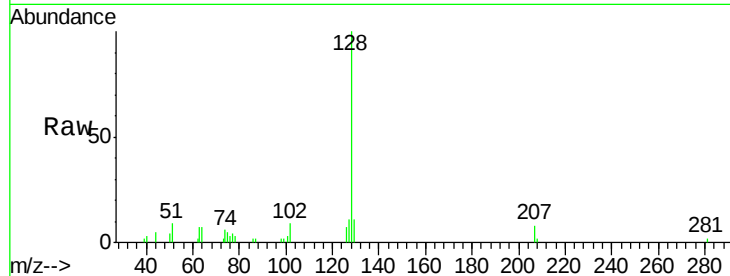
#95
Naphthalene
Concen: 3.631 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	11.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/22/2020 2:45:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.396 ug/l
RT: 15.28 min Scan# 4201
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.1	144.3
145	29.9	16.7	50.1

