

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062630.D
 Acq On : 28 Jul 2020 13:17
 Operator : JC/MD
 Sample : VN0728WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:06:21 PM

Quant Time: Jul 29 04:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	182552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	301912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	279477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	138993	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	7.55	113	95500	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	371462	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	12.38	95	135778	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39305	18.050	ug/l	96
3) Chloromethane	2.03	50	50190	16.994	ug/l	98
4) Vinyl Chloride	2.16	62	44394	17.340	ug/l	99
5) Bromomethane	2.51	94	20778	18.323	ug/l	96
6) Chloroethane	2.66	64	21728	18.761	ug/l	99
7) Trichlorofluoromethane	2.98	101	60642	20.173	ug/l	97
8) Diethyl Ether	3.37	74	26118	18.580	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	36034	18.696	ug/l	97
10) Methyl Iodide	3.91	142	35618	14.455	ug/l	96
11) Tert butyl alcohol	4.74	59	42089	93.297	ug/l	100
12) 1,1-Dichloroethene	3.70	96	36772	18.812	ug/l	95
13) Acrolein	3.56	56	32632	75.456	ug/l	99
14) Allyl chloride	4.27	41	73346	17.347	ug/l	97
15) Acrylonitrile	4.93	53	113627	94.036	ug/l	99
16) Acetone	3.77	43	100752	94.412	ug/l	98
17) Carbon Disulfide	4.00	76	109663	17.075	ug/l	100
18) Methyl Acetate	4.28	43	56744	21.004	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	135972	18.900	ug/l	97
20) Methylene Chloride	4.50	84	46153	18.032	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	38572	17.780	ug/l	96
22) Diisopropyl ether	5.90	45	152455	18.140	ug/l	94
23) Vinyl Acetate	5.84	43	640235	92.971	ug/l	99
24) 1,1-Dichloroethane	5.80	63	86184	19.043	ug/l	99
25) 2-Butanone	6.79	43	152504	93.834	ug/l	98
26) 2,2-Dichloropropane	6.77	77	70398	18.948	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	45775	18.491	ug/l	97
28) Bromochloromethane	7.15	49	41959	18.839	ug/l	96
29) Tetrahydrofuran	7.17	42	103048	93.703	ug/l	99
30) Chloroform	7.33	83	82484	19.169	ug/l	96
31) Cyclohexane	7.61	56	74749	17.889	ug/l	# 96
32) 1,1,1-Trichloroethane	7.53	97	70548	19.637	ug/l	99
36) 1,1-Dichloropropene	7.75	75	61401	19.080	ug/l	99
37) Ethyl Acetate	6.88	43	64830	18.689	ug/l	97
38) Carbon Tetrachloride	7.73	117	62848	20.318	ug/l	97

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Instrument :
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Manual Integrations
 APPROVED

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 7/29/2020 7:06:21 PM

Quant Time: Jul 29 04:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63841	18.429	ug/l	98
40) Benzene	8.00	78	179742	18.449	ug/l	100
41) Methacrylonitrile	7.12	41	24939	16.775	ug/l	95
42) 1,2-Dichloroethane	8.09	62	71568	20.093	ug/l	98
43) Isopropyl Acetate	8.13	43	104463	18.680	ug/l	98
44) Trichloroethene	8.80	130	40535	18.450	ug/l	93
45) 1,2-Dichloropropane	9.08	63	49670	18.158	ug/l	97
46) Dibromomethane	9.18	93	31291	19.792	ug/l	97
47) Bromodichloromethane	9.37	83	65381	19.088	ug/l	100
48) Methyl methacrylate	9.17	41	48295	18.168	ug/l	95
49) 1,4-Dioxane	9.17	88	15508	379.833	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	321608	96.118	ug/l	99
52) Toluene	10.12	92	107389	18.983	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	72542	19.025	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	78545	19.197	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	43167	19.672	ug/l	98
56) Ethyl methacrylate	10.40	69	68172	18.458	ug/l	99
57) 1,3-Dichloropropane	10.68	76	76572	19.047	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	96065	92.187	ug/l	97
59) 2-Hexanone	10.72	43	235842	93.021	ug/l	99
60) Dibromochloromethane	10.87	129	47415	19.369	ug/l	99
61) 1,2-Dibromoethane	10.98	107	41763	18.277	ug/l	96
64) Tetrachloroethene	10.60	164	34662	19.089	ug/l	94
65) Chlorobenzene	11.40	112	110983	18.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	42008	19.059	ug/l	99
67) Ethyl Benzene	11.48	91	202717	18.870	ug/l	98
68) m/p-Xylenes	11.60	106	145985	37.808	ug/l	96
69) o-Xylene	11.92	106	70496	19.227	ug/l	98
70) Styrene	11.94	104	120388	19.437	ug/l	99
71) Bromoform	12.10	173	32158	19.431	ug/l #	100
73) Isopropylbenzene	12.22	105	194952	19.069	ug/l	99
74) N-amyl acetate	12.05	43	87337	19.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	65085	18.320	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	64061m	19.465	ug/l	
77) Bromobenzene	12.50	156	45393	18.476	ug/l	98
78) n-propylbenzene	12.56	91	224702	18.763	ug/l	100
79) 2-Chlorotoluene	12.65	91	137983	18.696	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170289	20.080	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	21167	17.904	ug/l	94
82) 4-Chlorotoluene	12.75	91	140694	18.315	ug/l	100
83) tert-Butylbenzene	12.97	119	141824	20.140	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	161447	19.406	ug/l	99
85) sec-Butylbenzene	13.15	105	185401	19.666	ug/l	100
86) p-Isopropyltoluene	13.26	119	162634	20.057	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79496	18.438	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	78974	18.607	ug/l	99
89) n-Butylbenzene	13.59	91	130606	18.746	ug/l	99
90) Hexachloroethane	13.85	117	31158	18.051	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	77008	18.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11398	17.671	ug/l	96

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Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

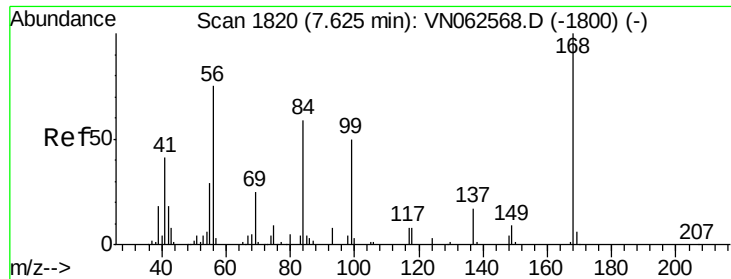
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29918	16.049	ug/l	98
94) Hexachlorobutadiene	14.99	225	23150	20.500	ug/l	98
95) Naphthalene	15.10	128	77500	16.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30489	15.693	ug/l	98

(#) = 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: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

Tgt Ion: 168 Resp: 182552

Ion Ratio Lower Upper

168 100

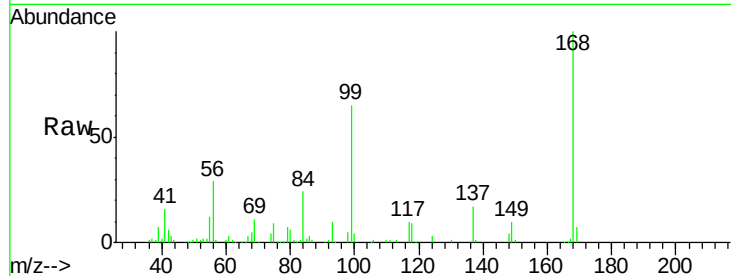
99 65.0 48.4 72.6

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

80000

60000

40000

20000

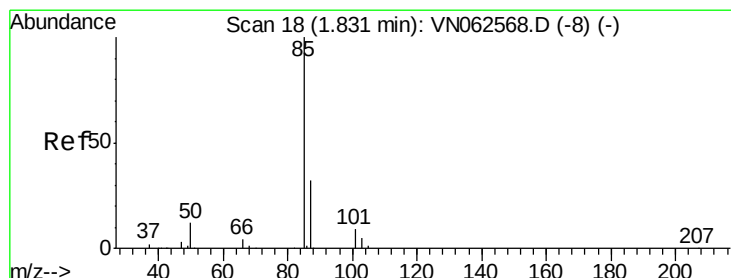
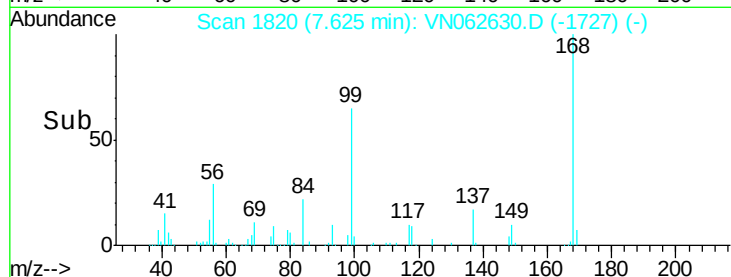
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.050 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062630.D

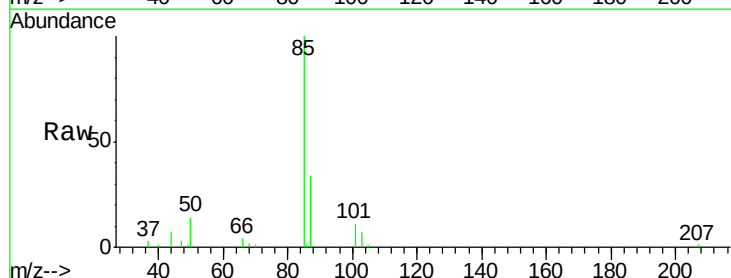
Acq: 28 Jul 2020 13:17

Tgt Ion: 85 Resp: 39305

Ion Ratio Lower Upper

85 100

87 34.2 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

30000

25000

20000

15000

10000

5000

0

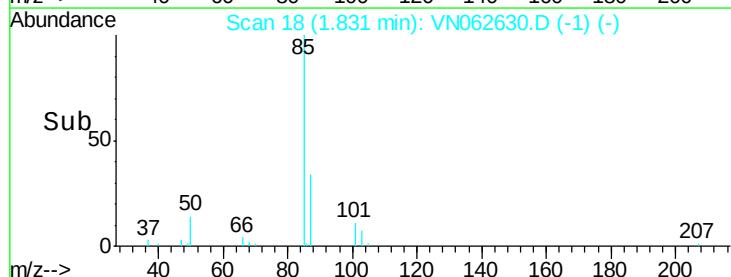
1.75

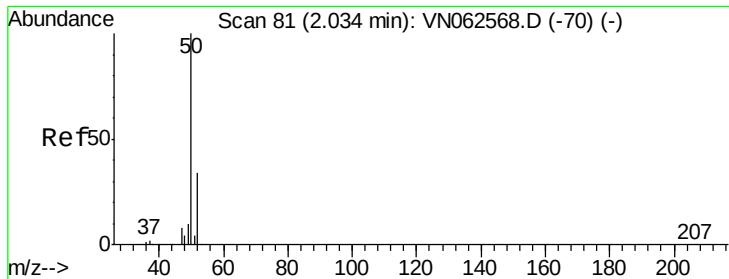
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 16.994 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

Tgt Ion: 50 Resp: 50190

Ion Ratio Lower Upper

50 100

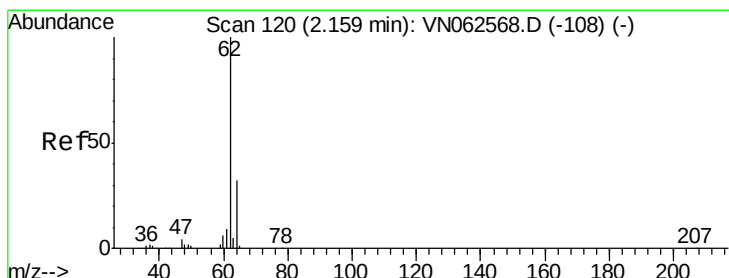
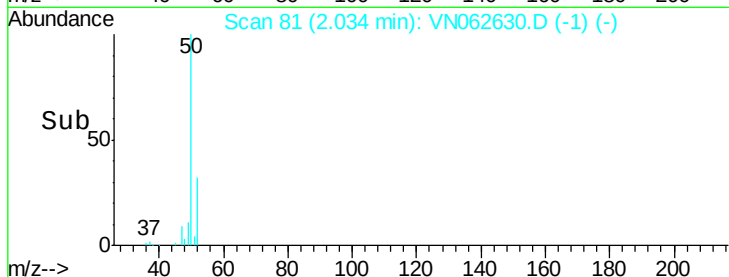
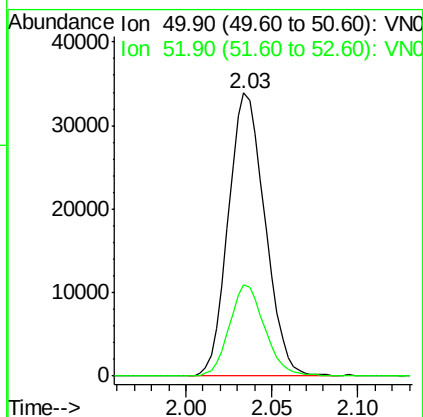
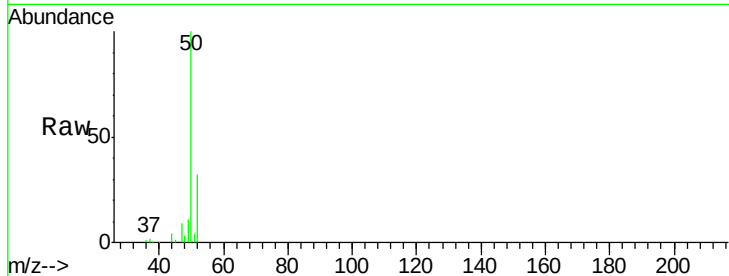
52 32.3 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.340 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062630.D

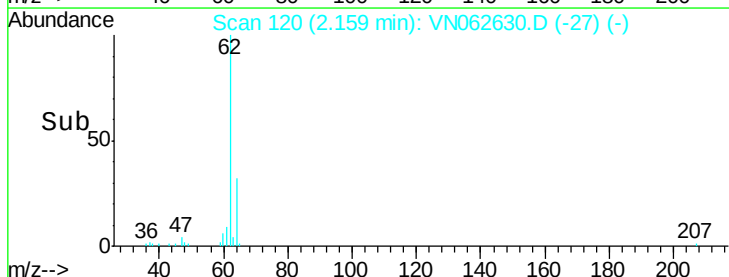
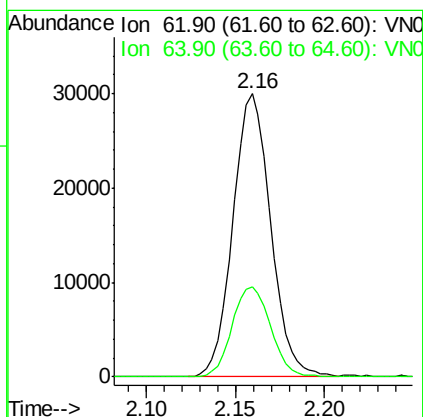
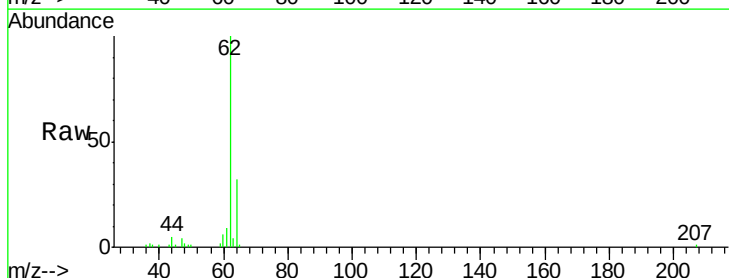
Acq: 28 Jul 2020 13:17

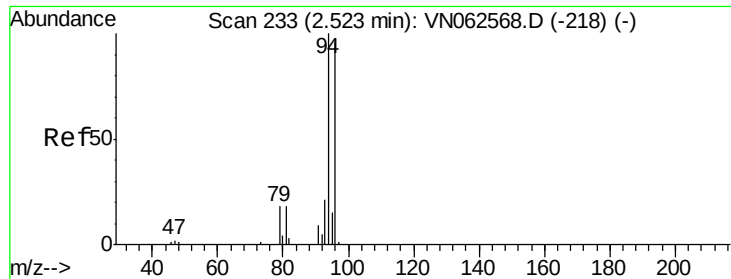
Tgt Ion: 62 Resp: 44394

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 18.323 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

Tgt Ion: 94 Resp: 20778

Ion Ratio Lower Upper

94 100

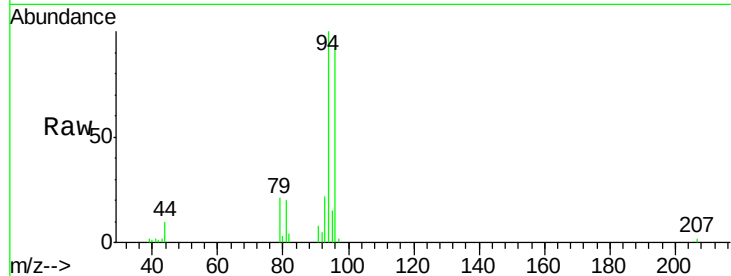
96 91.6 76.6 114.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

12000

10000

8000

6000

4000

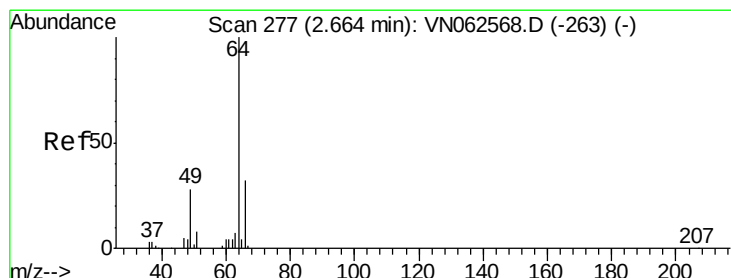
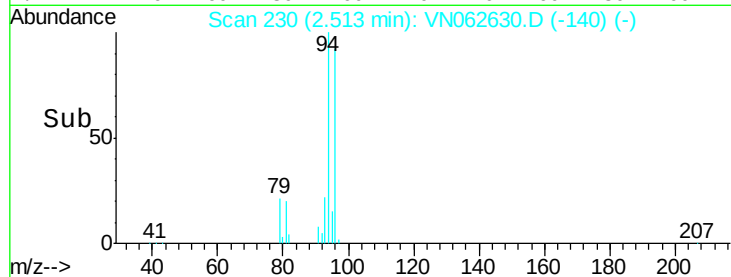
2000

0

Time-->

2.45 2.50 2.55

2.51



#6

Chloroethane

Concen: 18.761 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062630.D

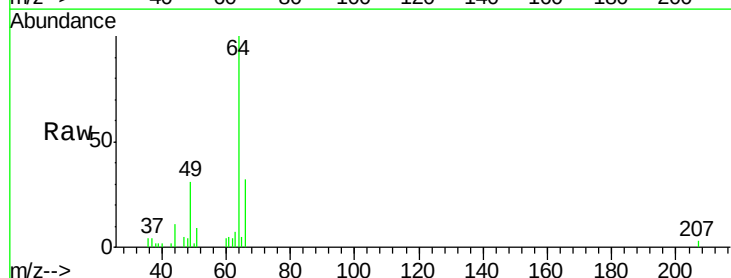
Acq: 28 Jul 2020 13:17

Tgt Ion: 64 Resp: 21728

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

12000

10000

8000

6000

4000

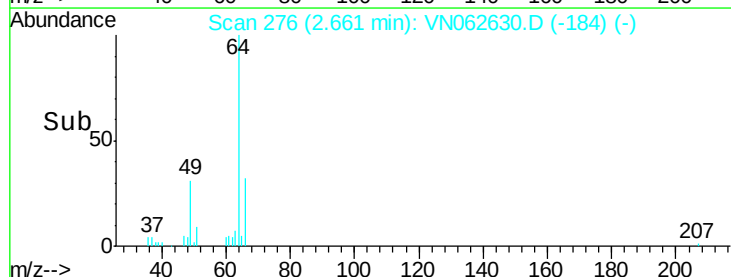
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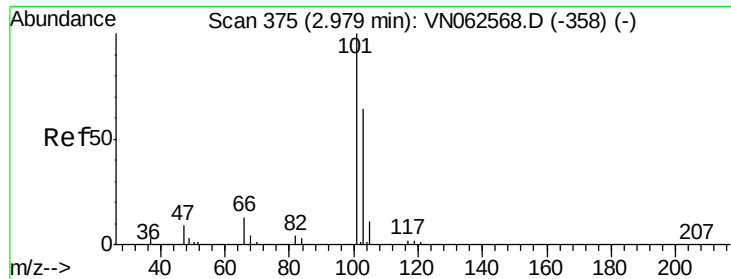
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Time-->

2.60 2.65 2.70

2.66





#7

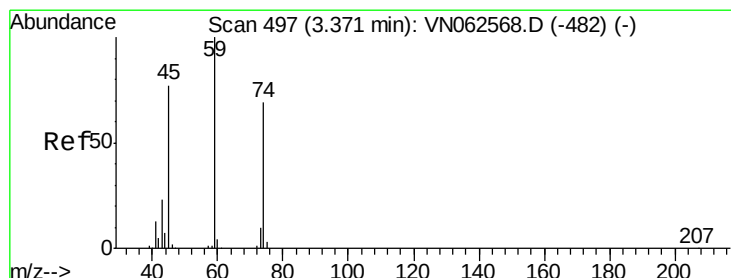
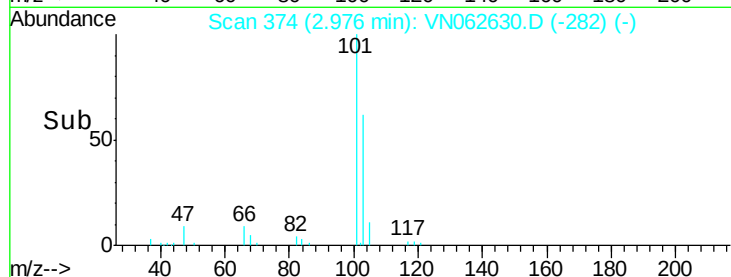
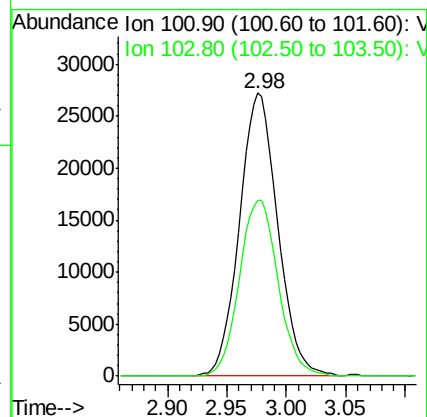
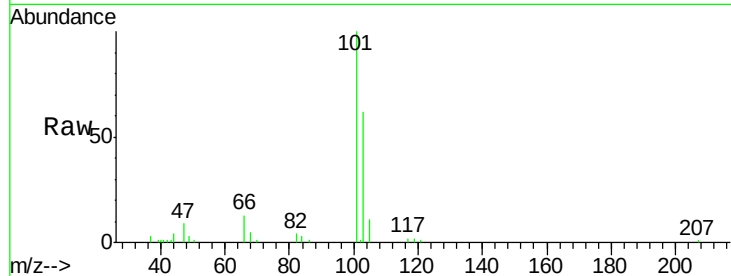
Trichlorofluoromethane
 Concen: 20.173 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

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 VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.9	51.5	77.3

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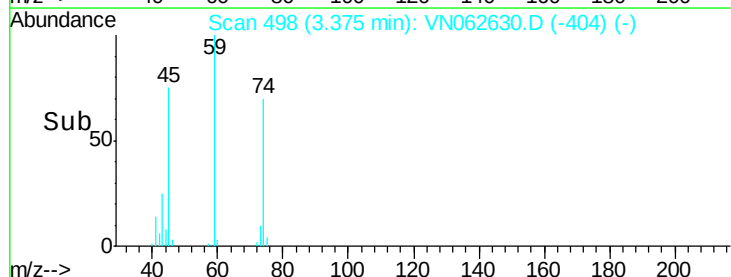
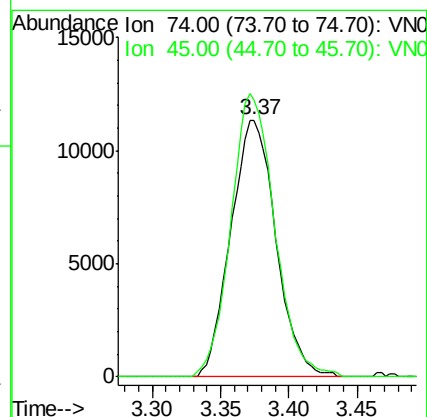
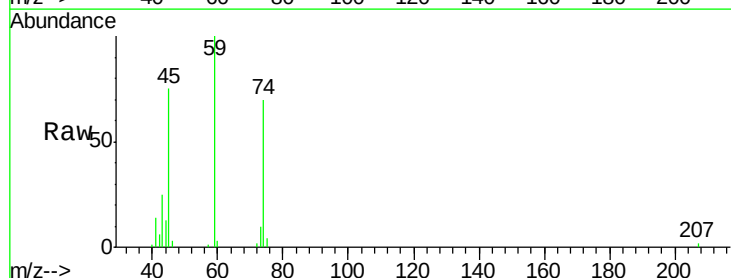
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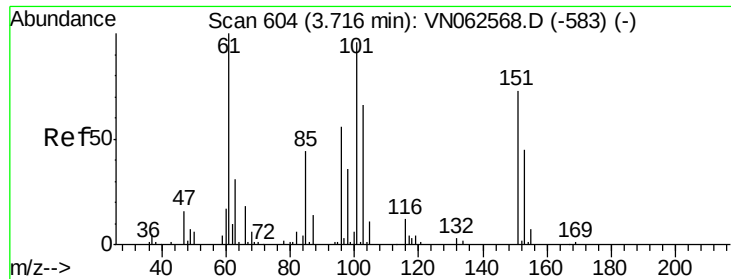


#8

Diethyl Ether
 Concen: 18.580 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.696 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062630.D

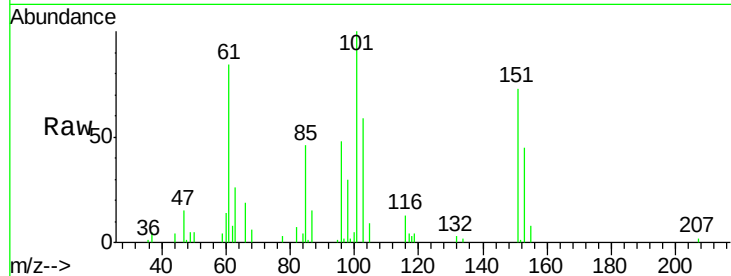
Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

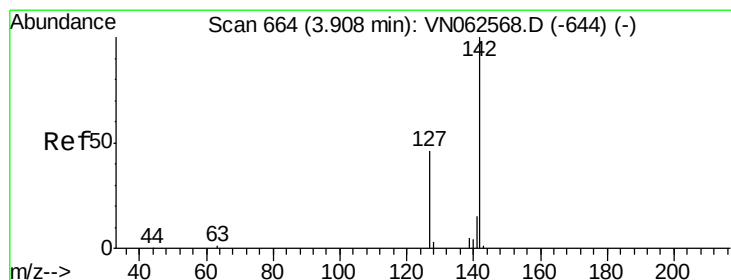
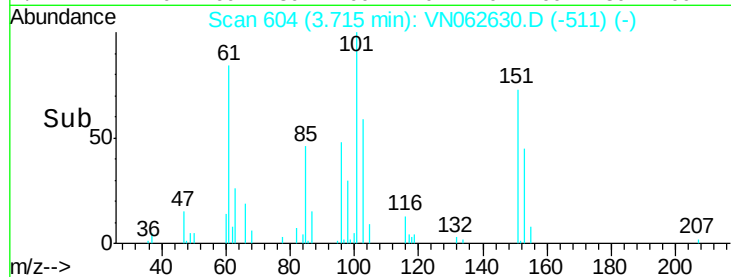
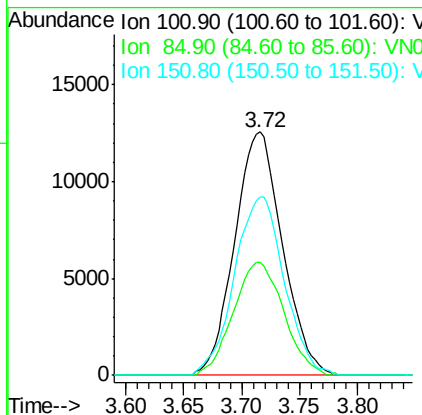
VN0728WBS01



Tgt Ion:	101	Resp:	36034
Ion Ratio	Lower	Upper	
101	100		
85	48.8	36.0	54.0
151	76.3	60.0	90.0

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#10

Methyl Iodide

Concen: 14.455 ug/l

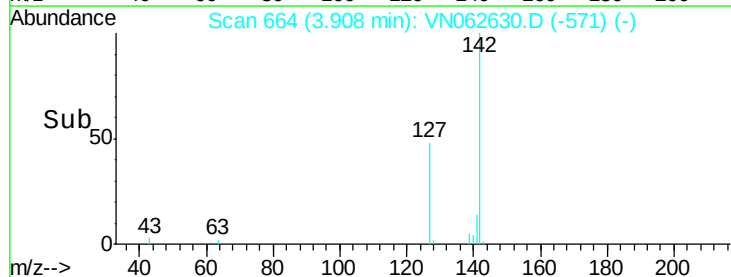
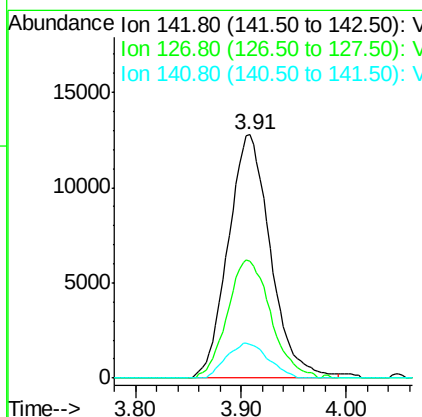
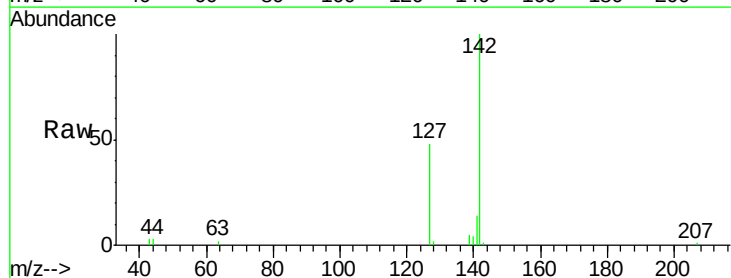
RT: 3.91 min Scan# 664

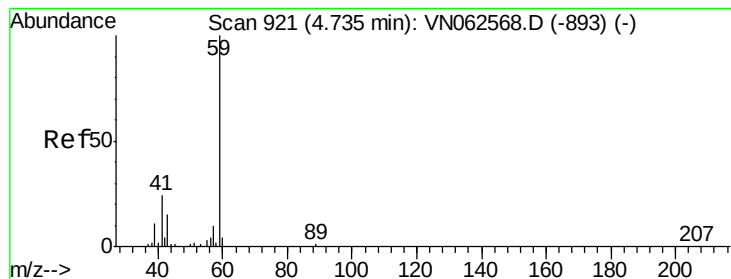
Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Tgt Ion:	142	Resp:	35618
Ion Ratio	Lower	Upper	
142	100		
127	49.6	37.4	56.0
141	14.2	11.9	17.9





#11

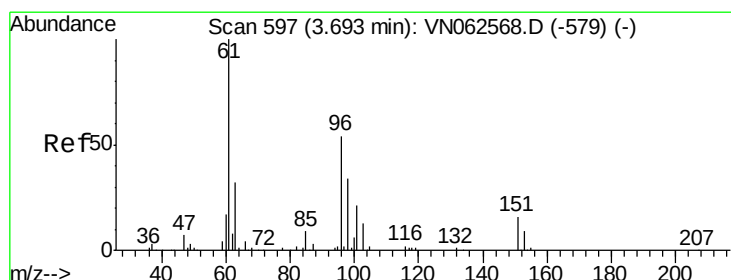
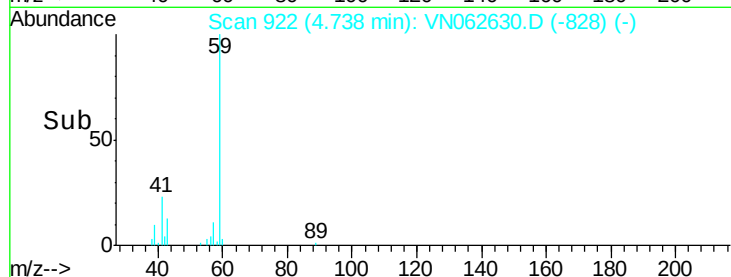
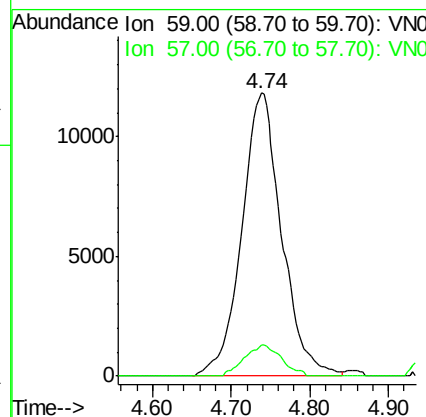
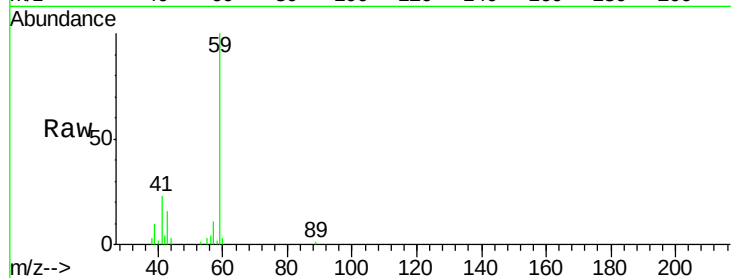
Tert butyl alcohol
 Concen: 93.297 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

Manual Integrations
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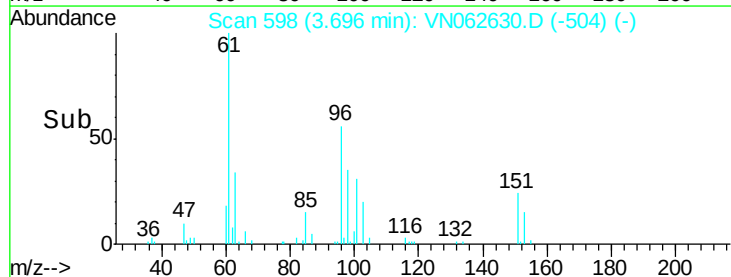
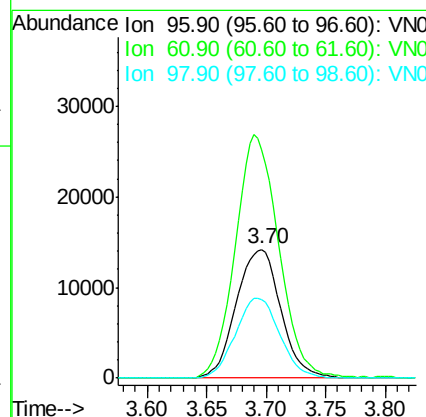
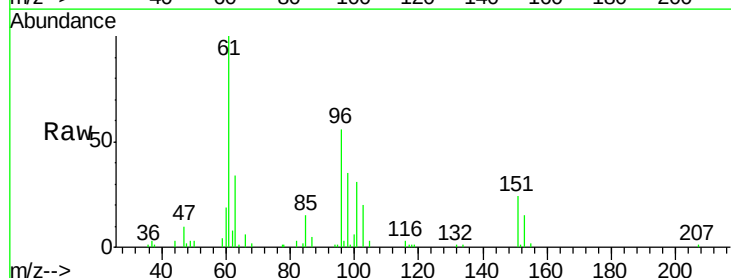
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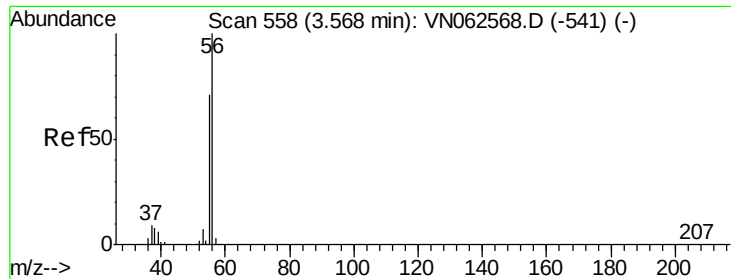


#12

1,1-Dichloroethene
 Concen: 18.812 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.3	148.6	222.8
98	61.4	50.6	75.8





#13

Acrolein

Concen: 75.456 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0728WBS01

Tgt Ion: 56 Resp: 32632

Ion Ratio Lower Upper

56 100

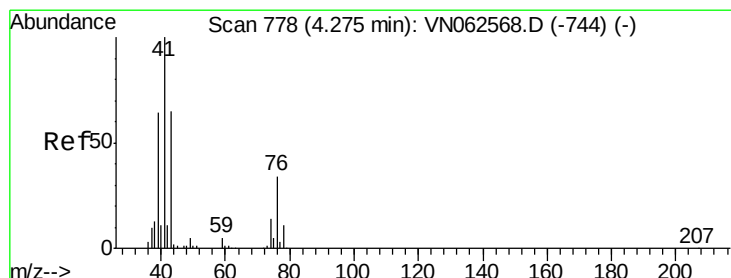
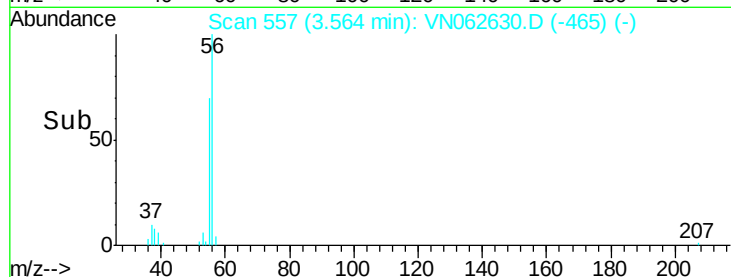
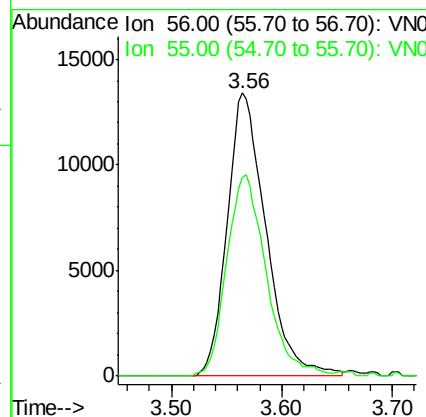
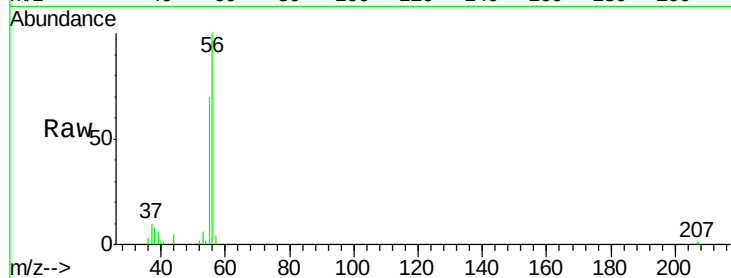
55 72.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 17.347 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

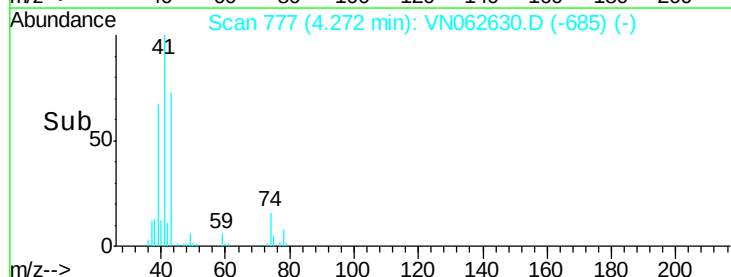
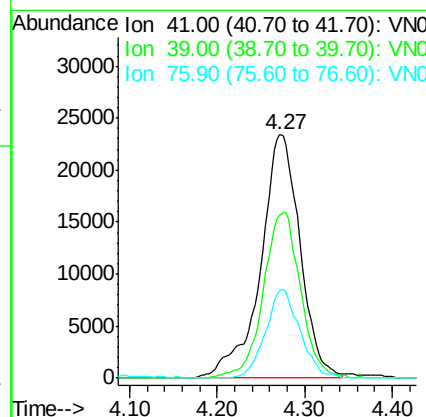
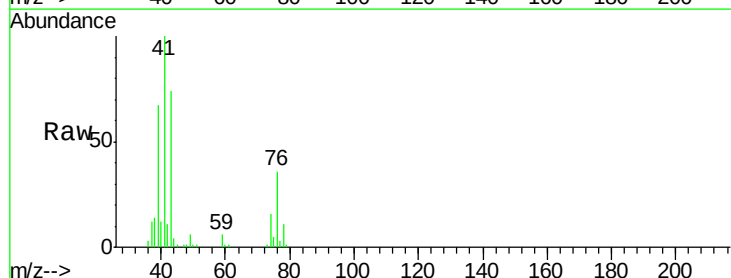
Tgt Ion: 41 Resp: 73346

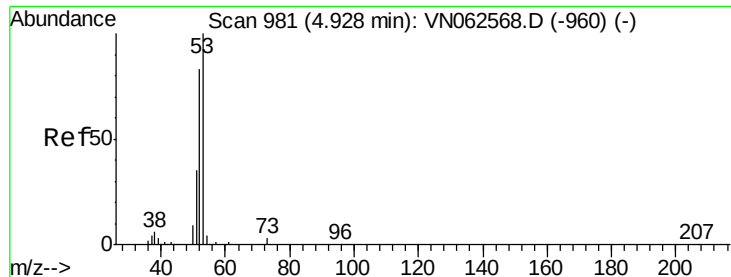
Ion Ratio Lower Upper

41 100

39 63.9 49.0 73.4

76 31.7 24.0 36.0





#15

Acrylonitrile

Concen: 94.036 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

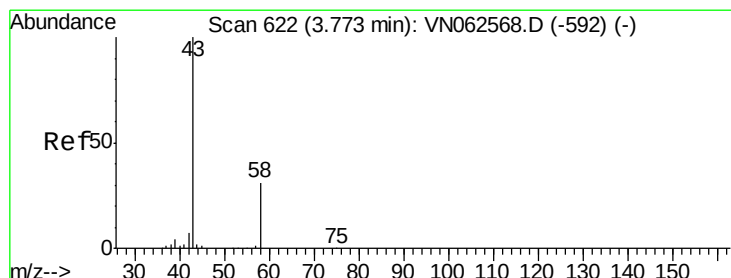
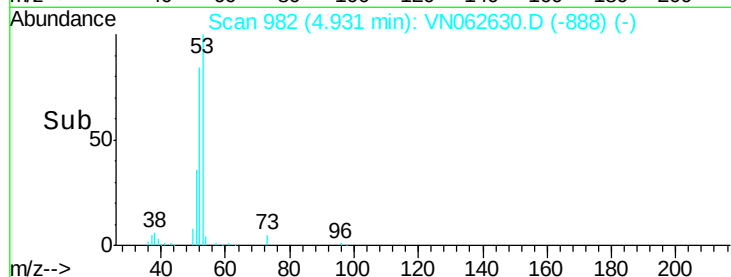
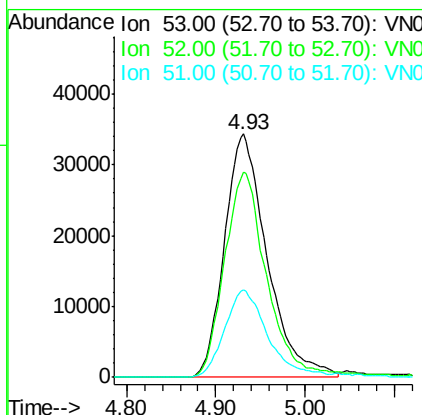
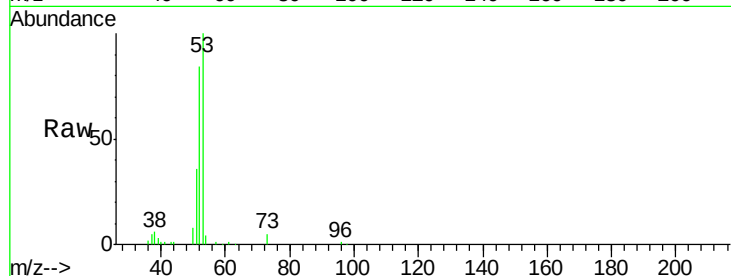
ClientSampleId :

VN0728WBS01

Tgt Ion:	53	Resp:	113627
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.3	99.5
51	36.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 94.412 ug/l

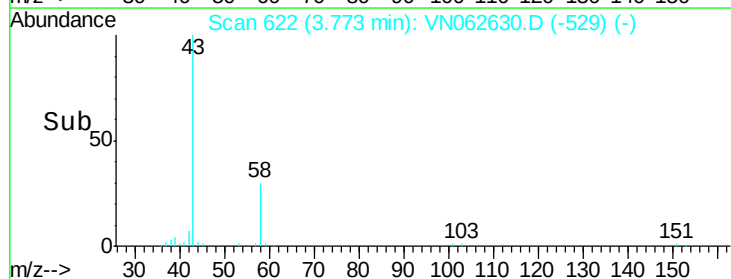
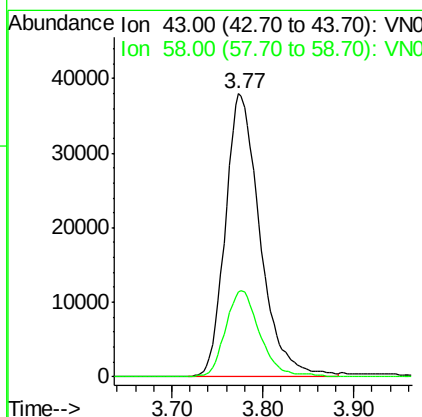
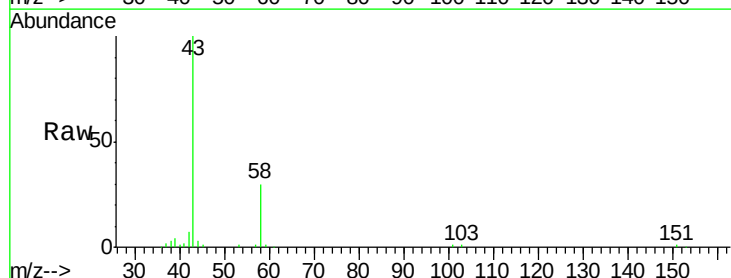
RT: 3.77 min Scan# 622

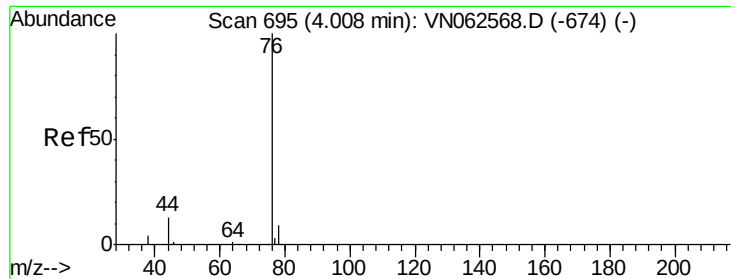
Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Tgt Ion:	43	Resp:	100752
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.6	37.0





#17

Carbon Disulfide

Concen: 17.075 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

Tgt Ion: 76 Resp: 109663

Ion Ratio Lower Upper

76 100

78 9.1

7.3

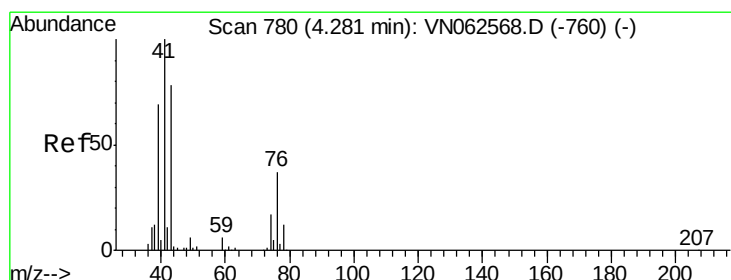
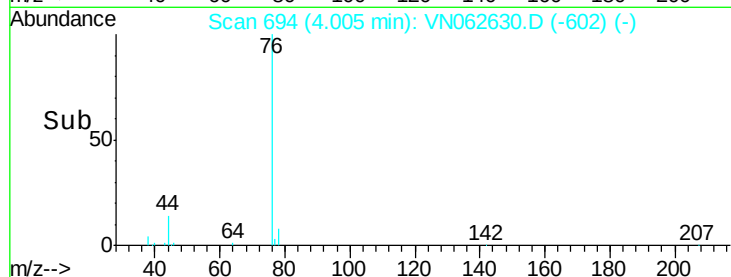
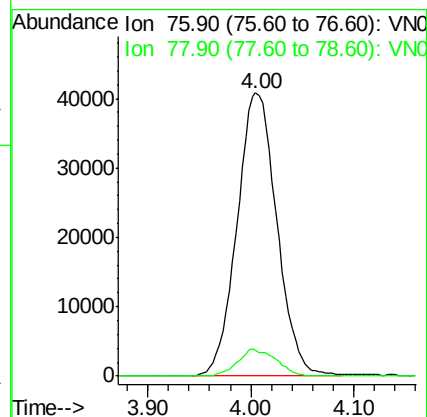
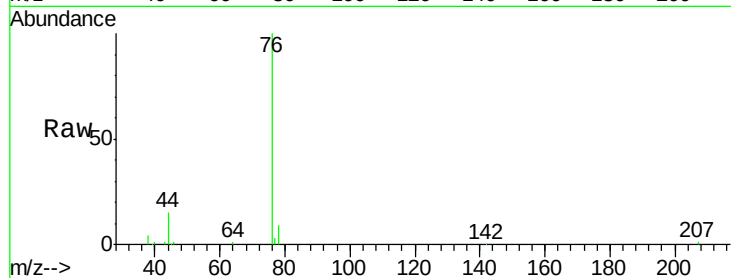
10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 21.004 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Tgt Ion: 43 Resp: 56744

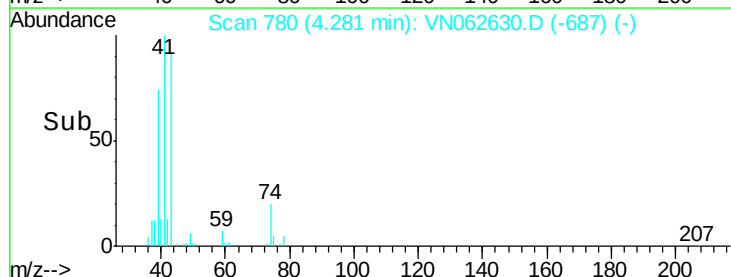
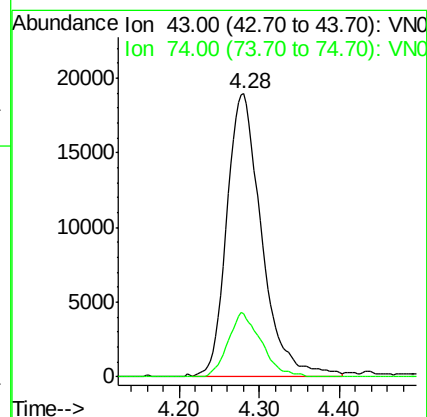
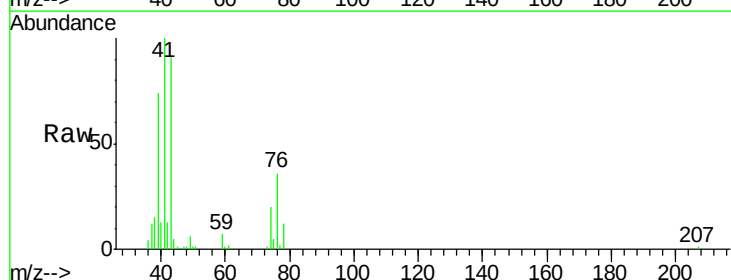
Ion Ratio Lower Upper

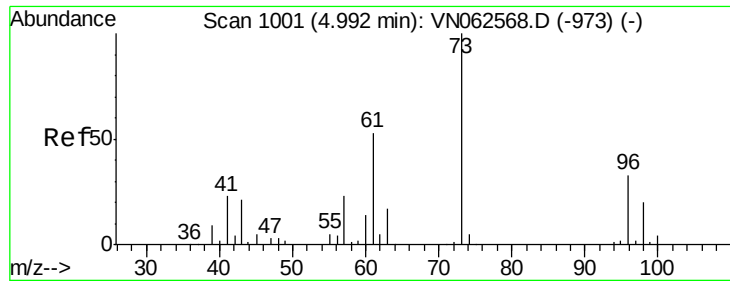
43 100

74 21.5

16.6

24.8





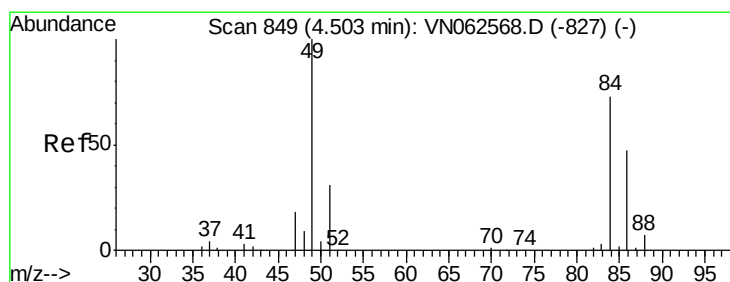
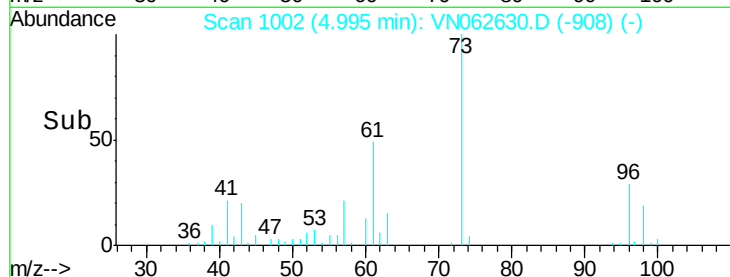
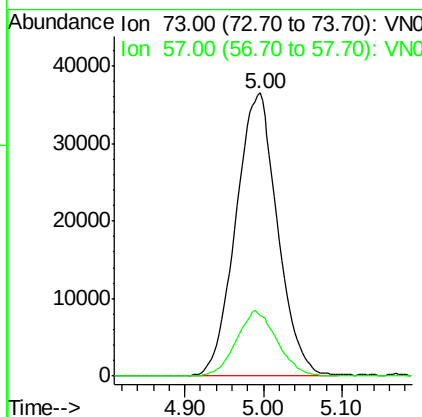
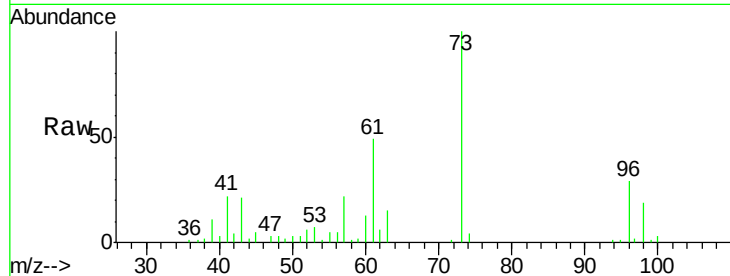
#19
Methyl tert-butyl Ether
Concen: 18.900 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0728WBS01

Tgt Ion: 73 Resp: 135972
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8

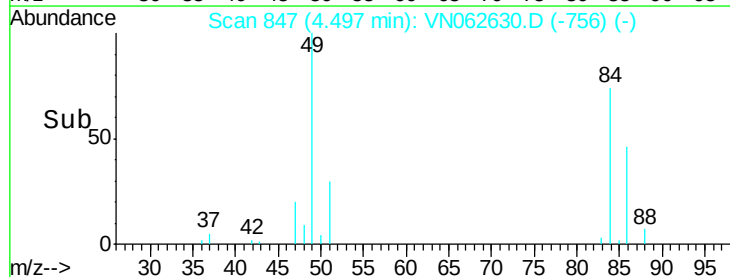
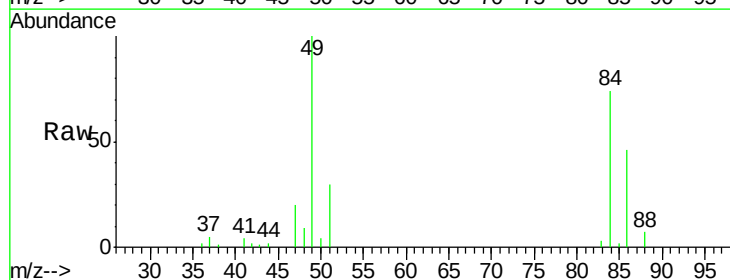
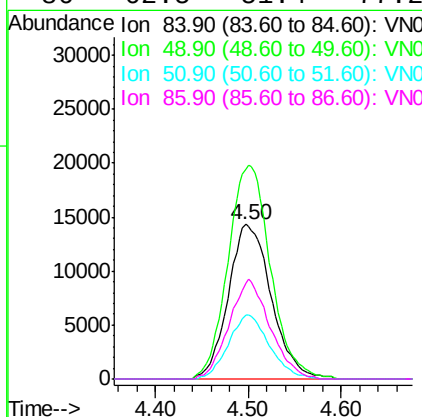
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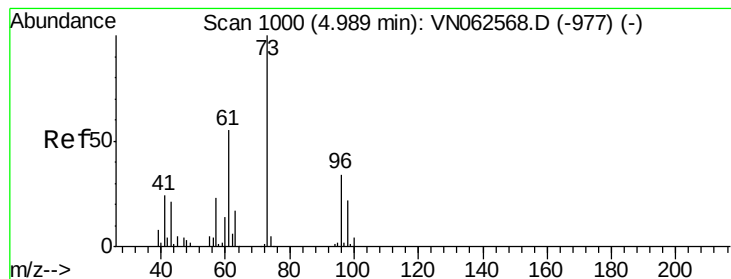
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#20
Methylene Chloride
Concen: 18.032 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 84 Resp: 46153
Ion Ratio Lower Upper
84 100
49 136.0 109.4 164.0
51 41.4 33.6 50.4
86 62.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.780 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

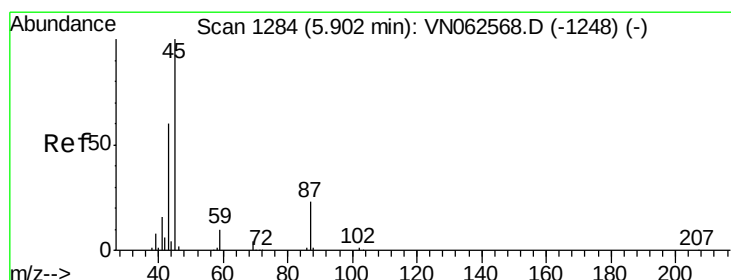
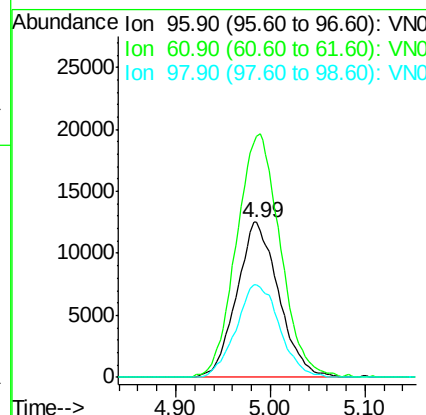
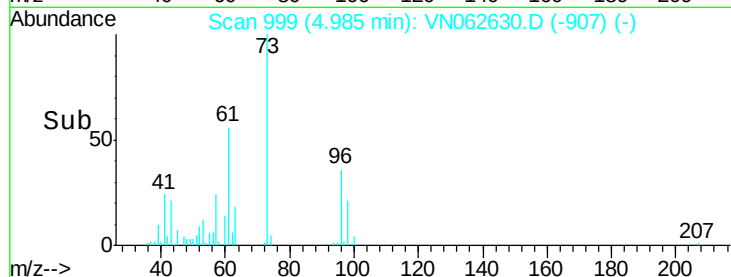
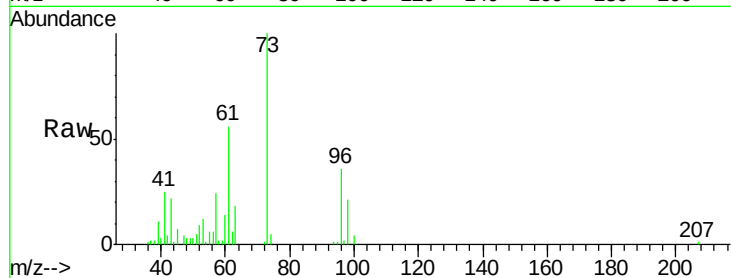
ClientSampled :

VN0728WBS01

Tgt Ion:	96	Resp:	38572
Ion	Ratio	Lower	Upper
96	100		
61	155.6	128.6	192.8
98	59.8	50.6	76.0

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#22

Diisopropyl ether

Concen: 18.140 ug/l

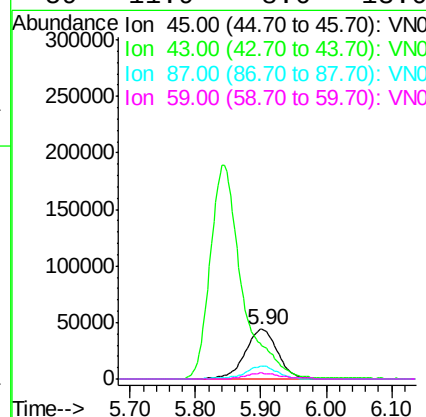
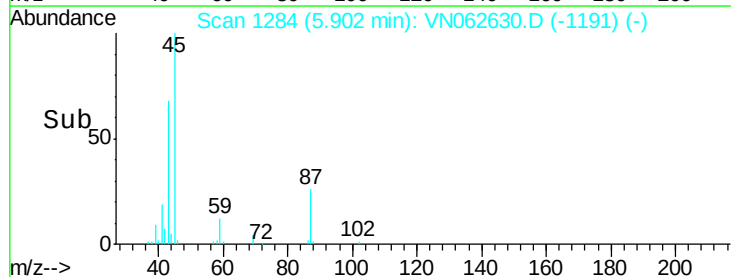
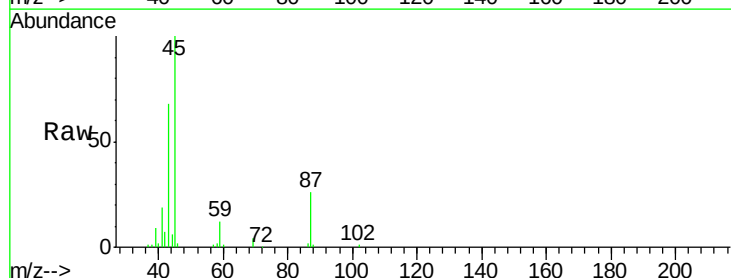
RT: 5.90 min Scan# 1284

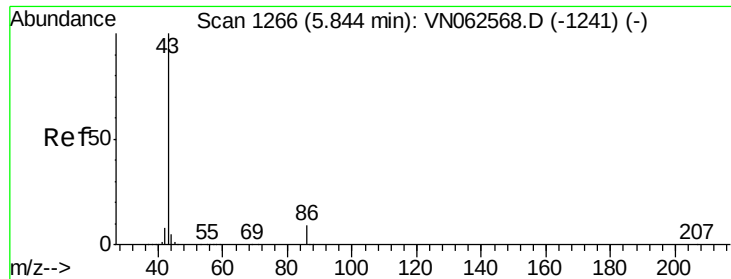
Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Tgt Ion:	45	Resp:	152455
Ion	Ratio	Lower	Upper
45	100		
43	65.9	48.7	73.1
87	25.9	19.0	28.6
59	11.9	8.6	13.0





#23

Vinyl Acetate

Concen: 92.971 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

Tgt Ion: 43 Resp: 640235

Ion Ratio Lower Upper

43 100

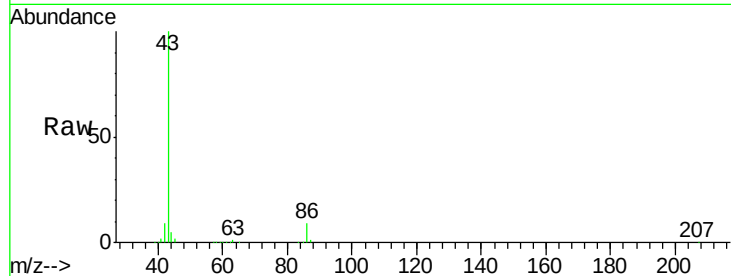
86 8.8 6.9 10.3

Manual Integrations

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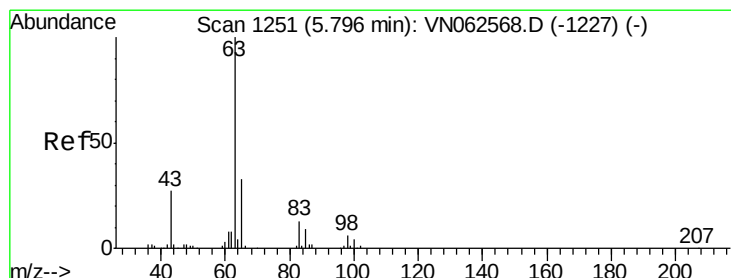
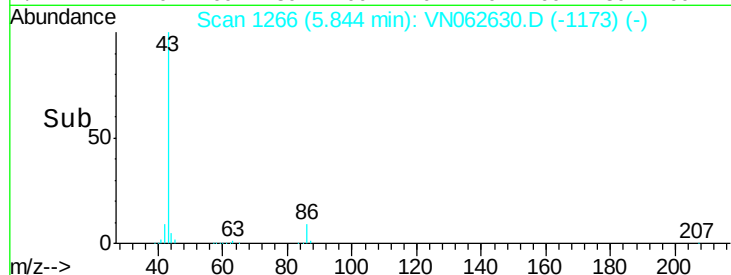
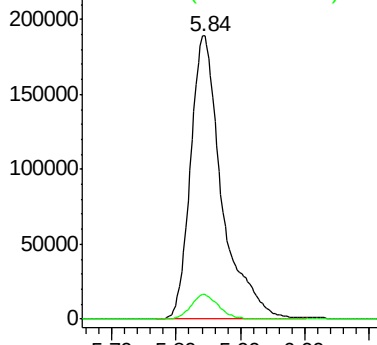
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.043 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

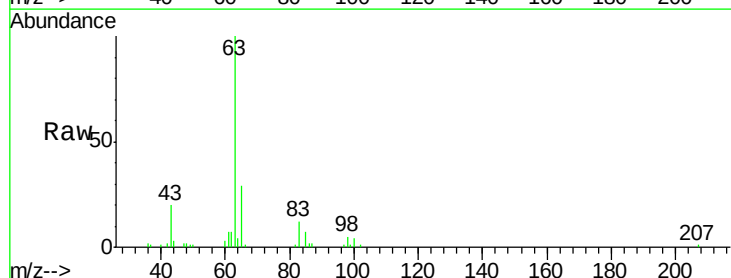
Tgt Ion: 63 Resp: 86184

Ion Ratio Lower Upper

63 100

98 5.2 2.9 8.8

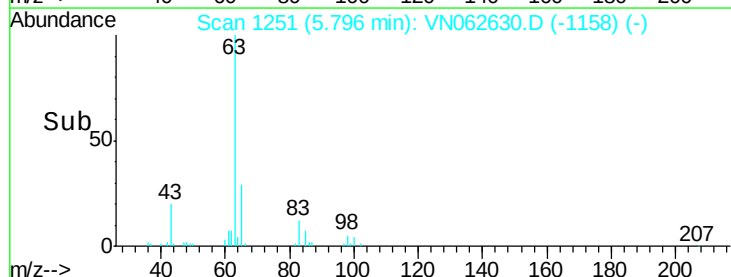
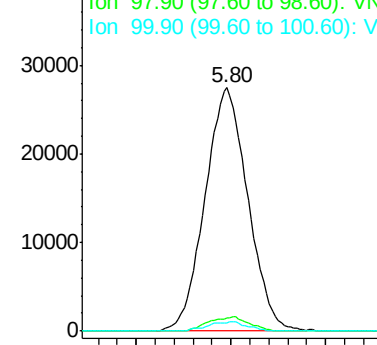
100 3.6 1.8 5.4

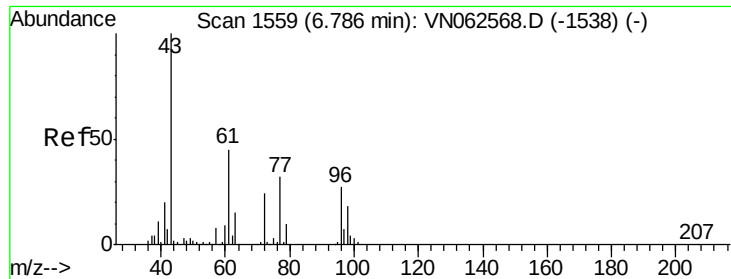


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





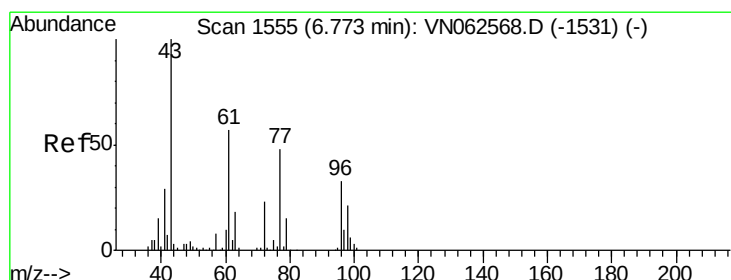
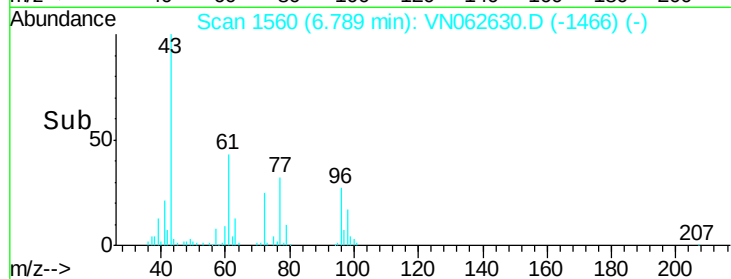
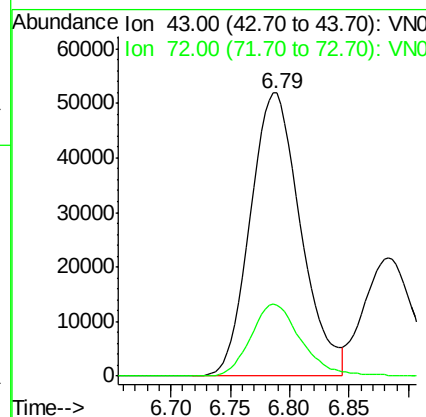
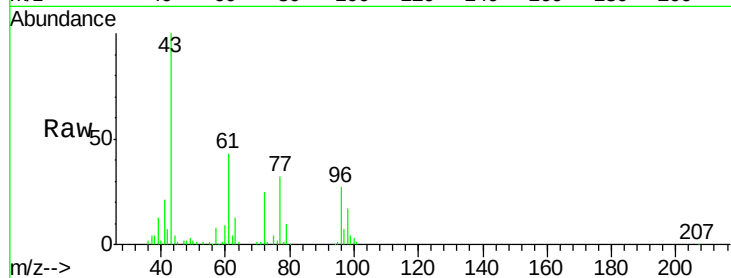
#25
 2-Butanone
 Concen: 93.834 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion: 43 Resp: 152504
 Ion Ratio Lower Upper
 43 100
 72 25.0 19.0 28.6

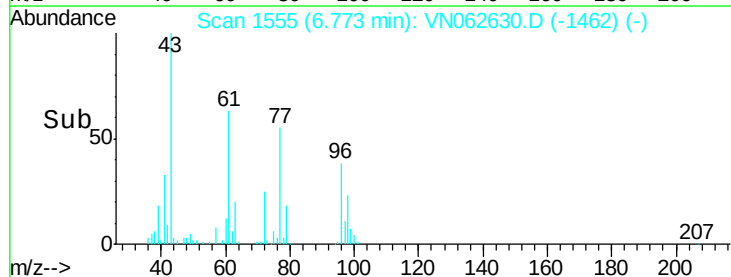
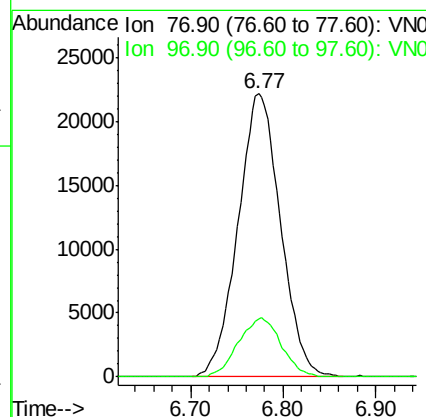
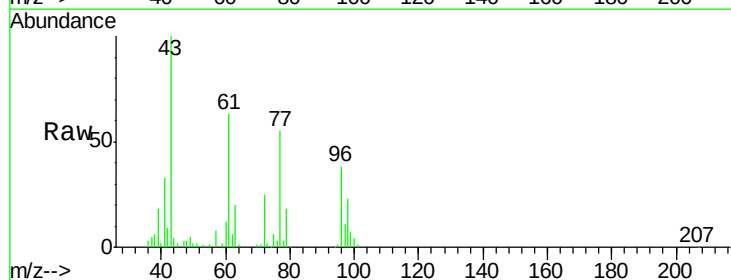
Manual Integrations
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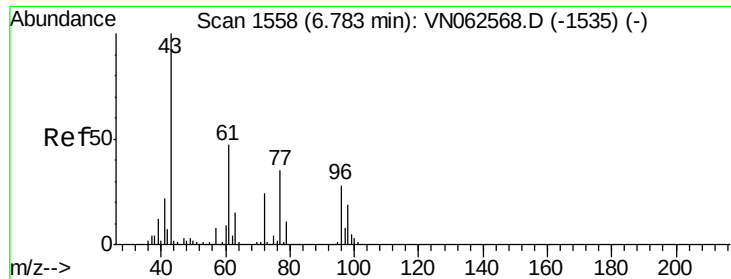
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#26
 2,2-Dichloropropane
 Concen: 18.948 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 77 Resp: 70398
 Ion Ratio Lower Upper
 77 100
 97 20.9 10.8 32.4





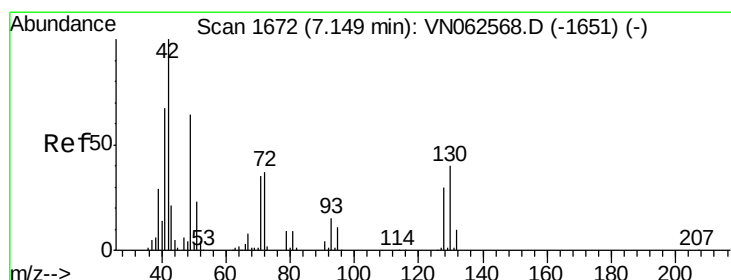
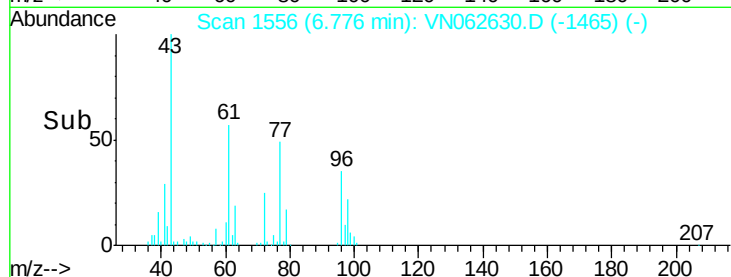
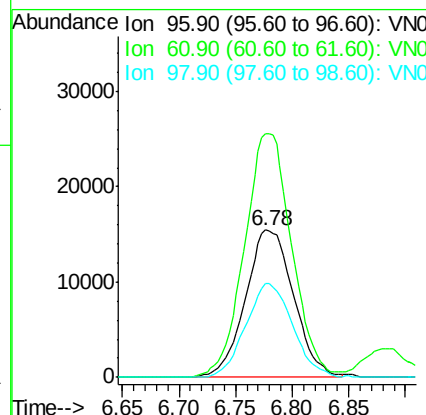
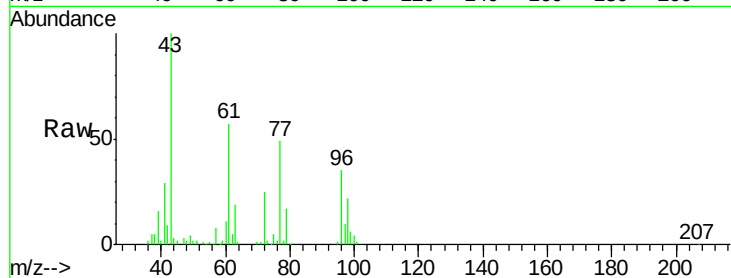
#27
 cis-1,2-Dichloroethene
 Concen: 18.491 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	45775		
61	161.9	0.0	332.4	
98	61.9	0.0	127.4	

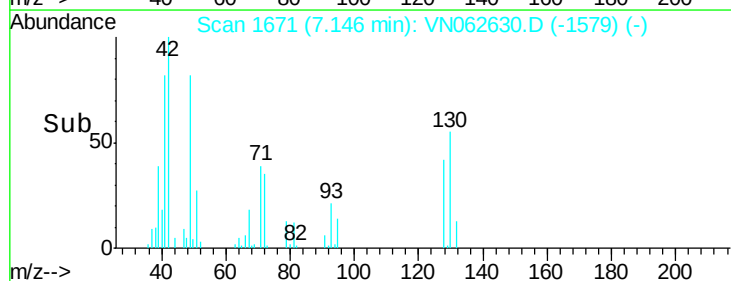
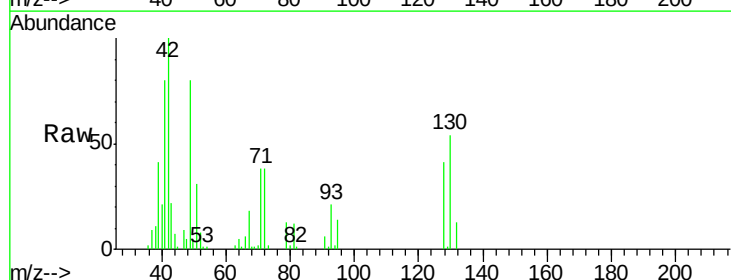
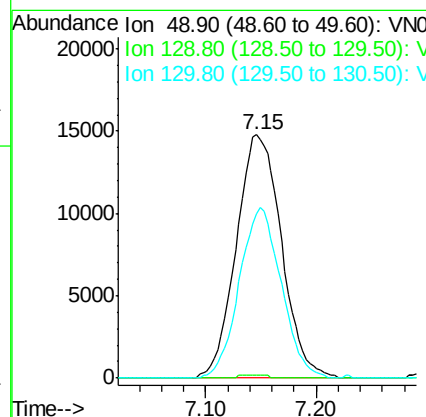
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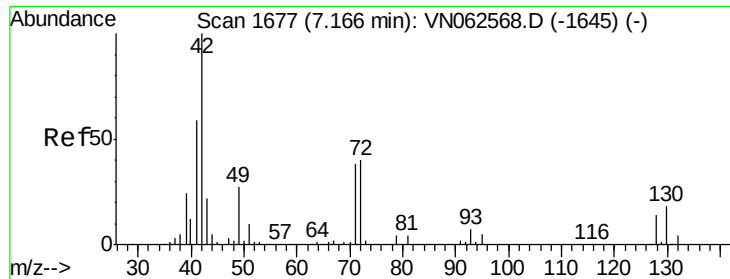
MMDadoda
 7/29/2020 7:06:21 PM



#28
 Bromochloromethane
 Concen: 18.839 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	41959		
129	0.8	0.0	3.4	
130	65.1	49.8	74.8	





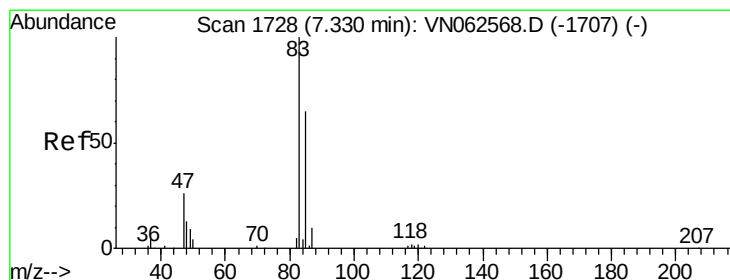
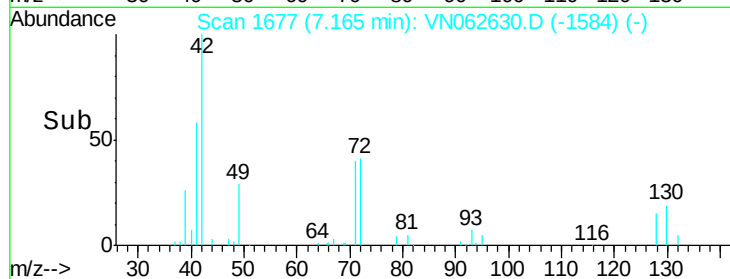
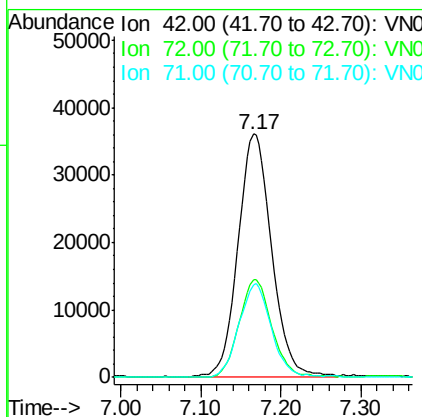
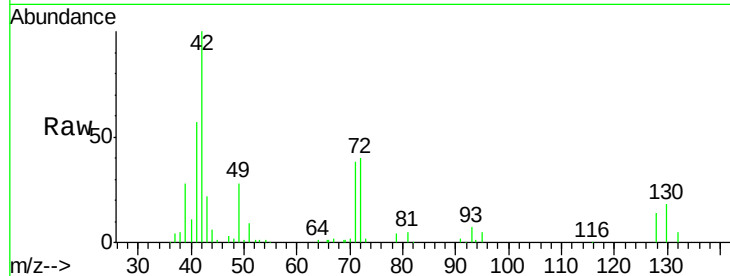
#29
Tetrahydrofuran
Concen: 93.703 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.8	30.7	46.1
71	36.7	29.1	43.7

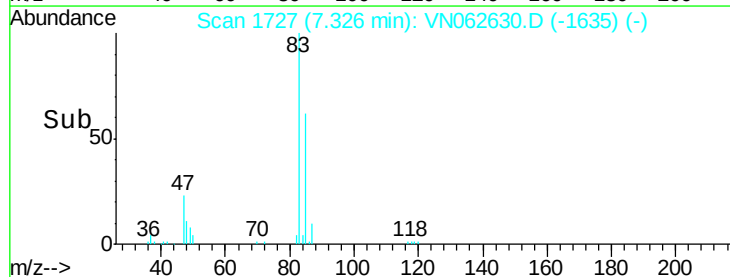
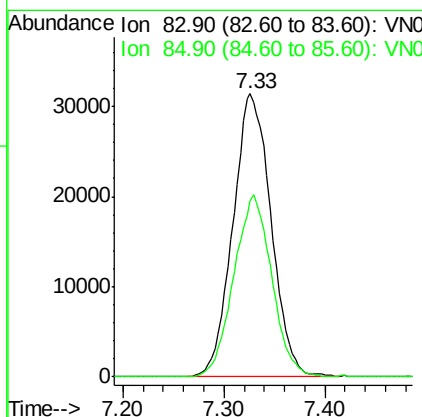
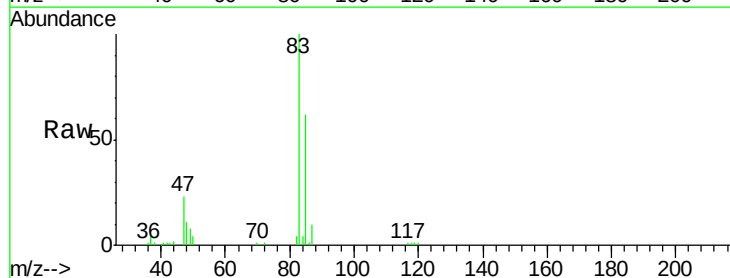
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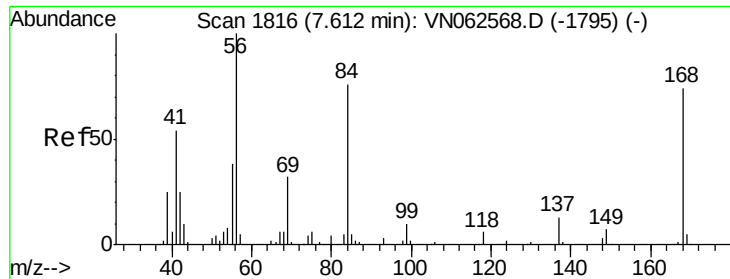
MMDadoda
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#30
Chloroform
Concen: 19.169 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.0	78.0





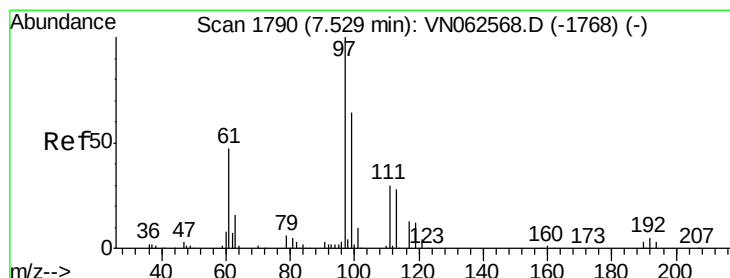
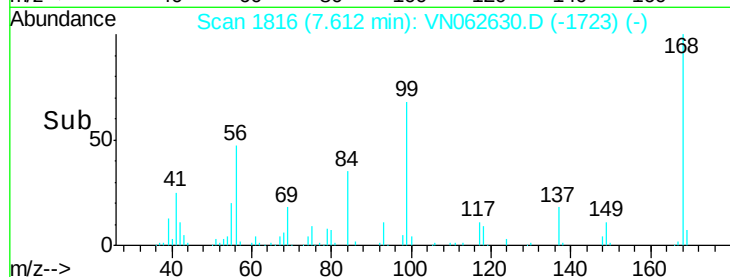
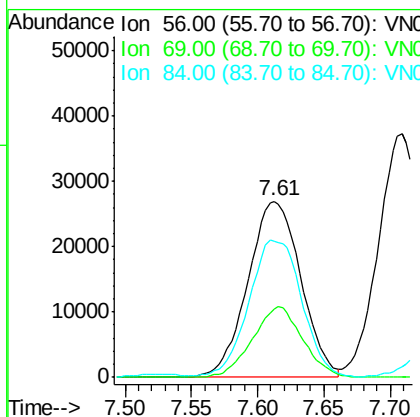
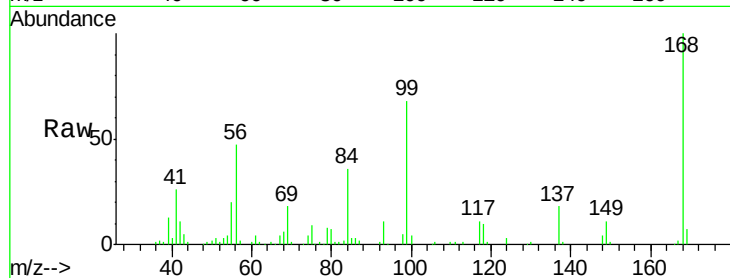
#31
Cyclohexane
Concen: 17.889 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.8	25.3	37.9#
84	76.7	61.0	91.4

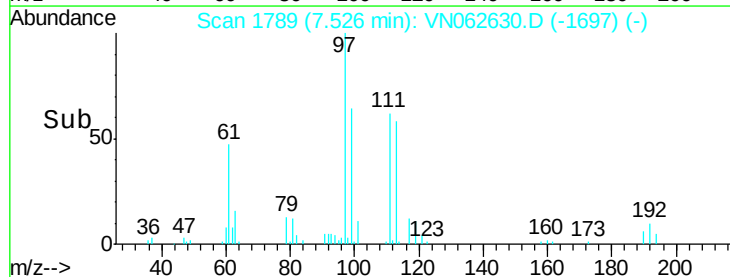
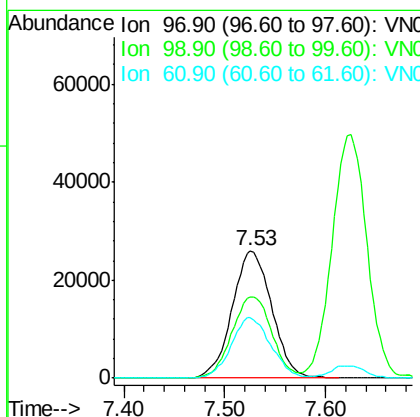
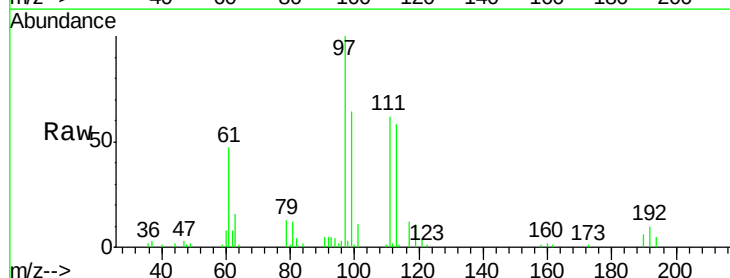
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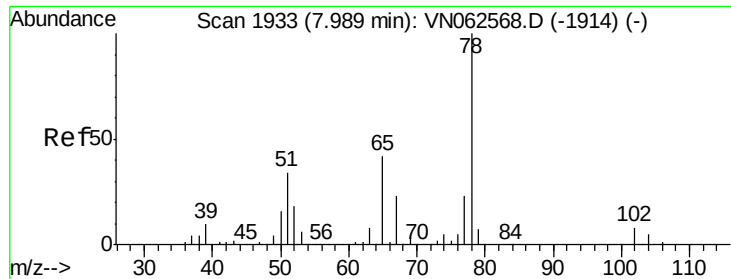
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#32
1,1,1-Trichloroethane
Concen: 19.637 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.2	76.8
61	47.4	38.4	57.6





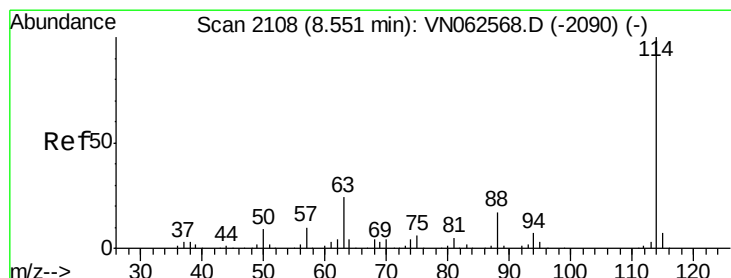
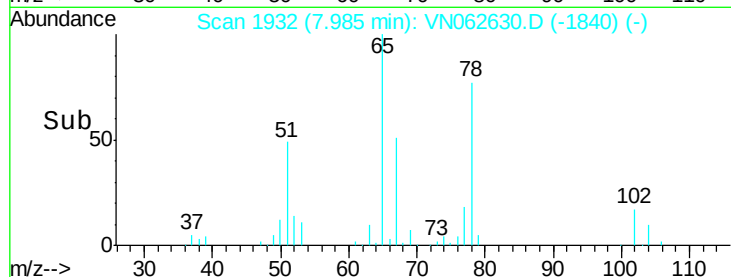
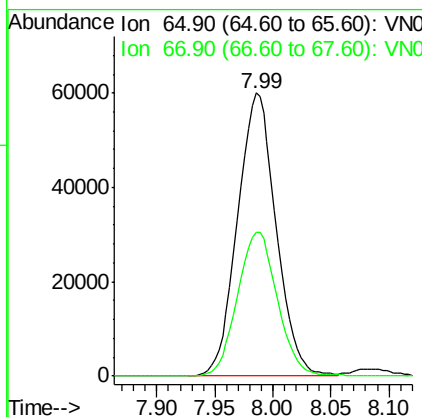
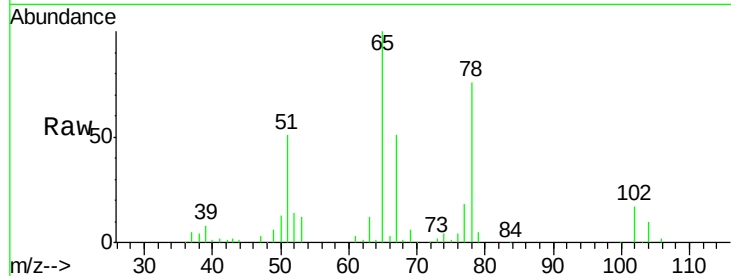
#33
 1,2-Dichloroethane-d4
 Concen: 49.013 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion: 65 Resp: 138993
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.0

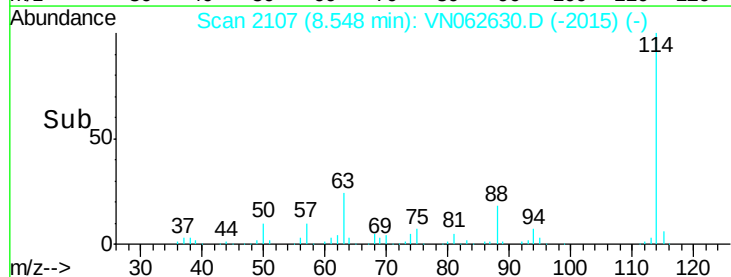
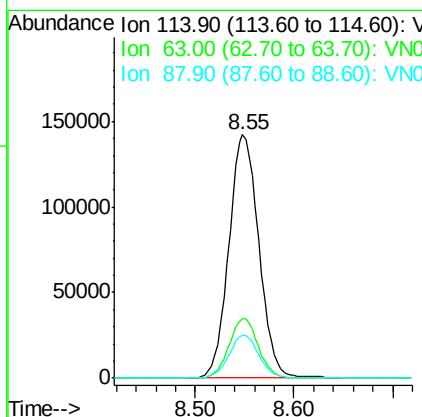
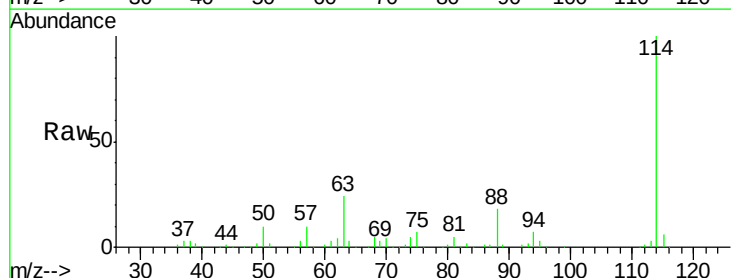
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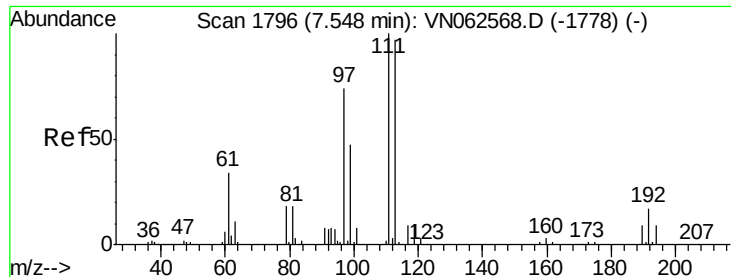
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 114 Resp: 301912
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.4
 88 17.6 0.0 33.8





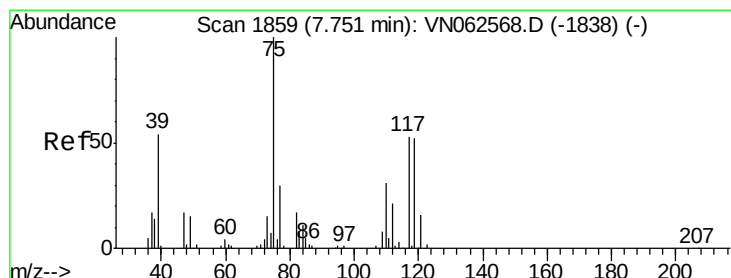
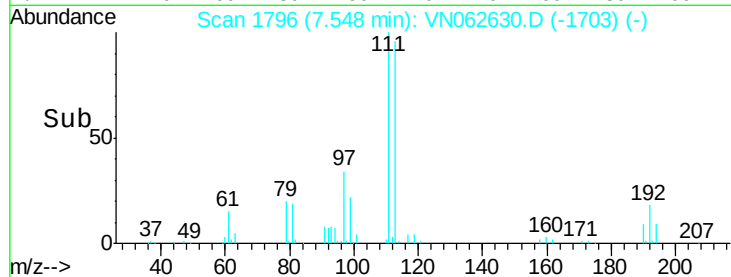
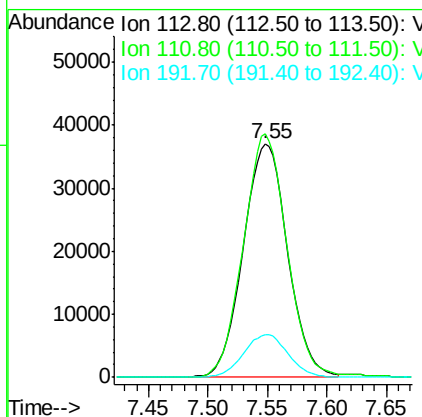
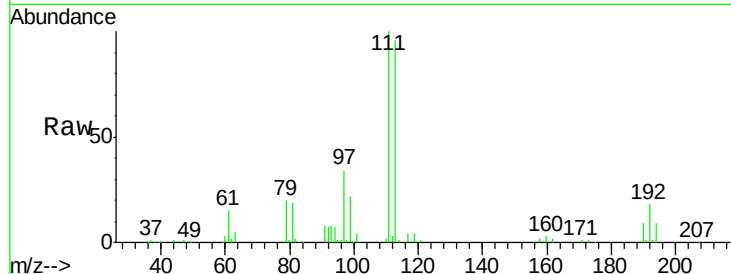
#35
 Dibromofluoromethane
 Concen: 48.156 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	95500		
111	102.3	82.7	124.1	
192	18.4	14.8	22.2	

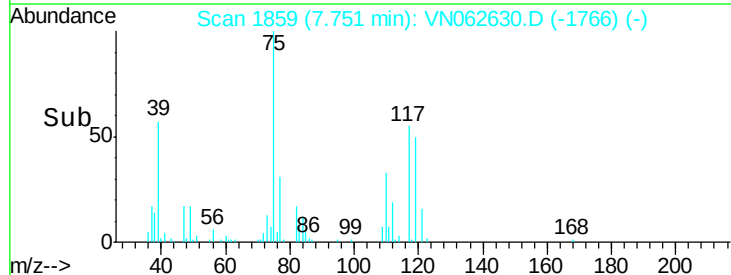
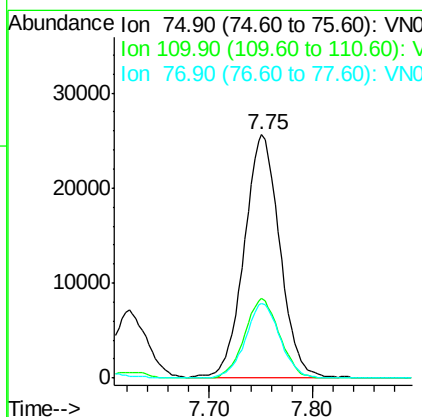
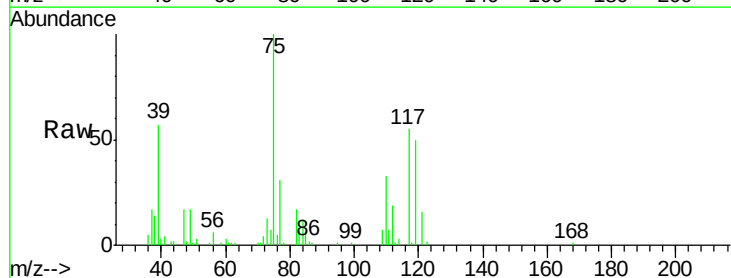
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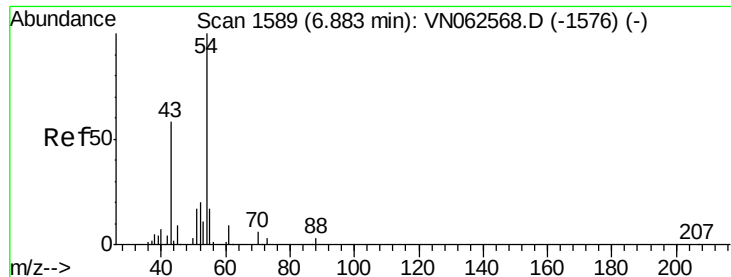
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#36
 1,1-Dichloropropene
 Concen: 19.080 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61401		
110	31.8	16.0	48.0	
77	29.8	24.6	36.8	





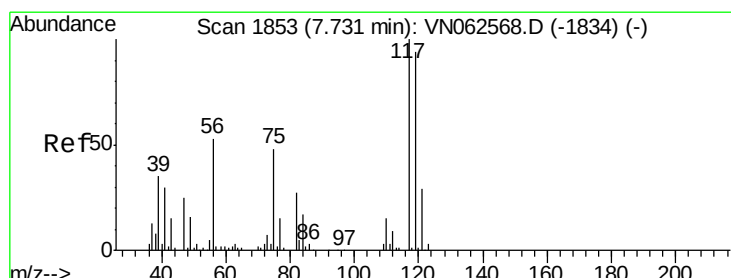
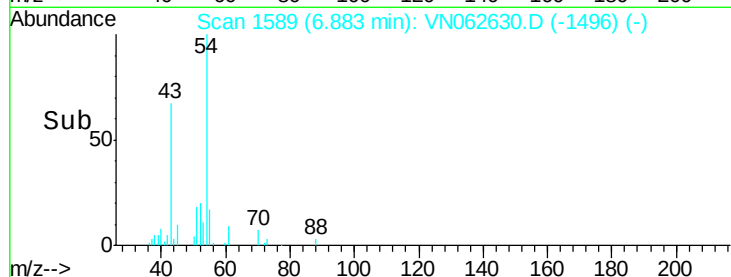
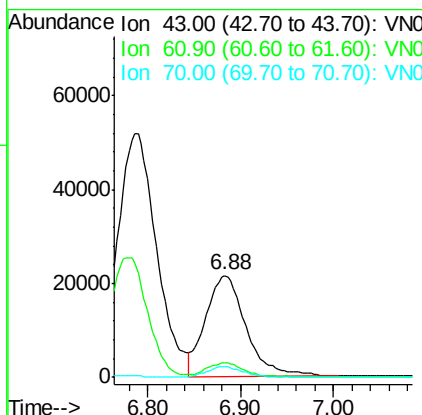
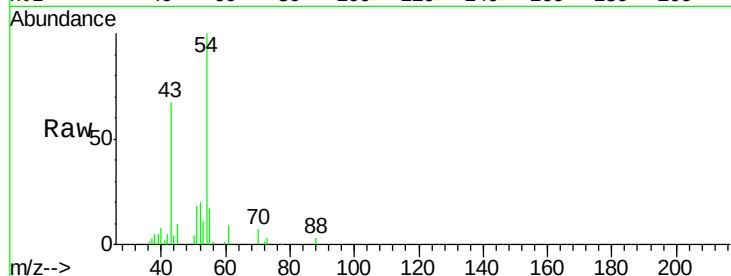
#37
Ethyl Acetate
 Concen: 18.689 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.2	11.3	16.9
70	9.5	7.7	11.5

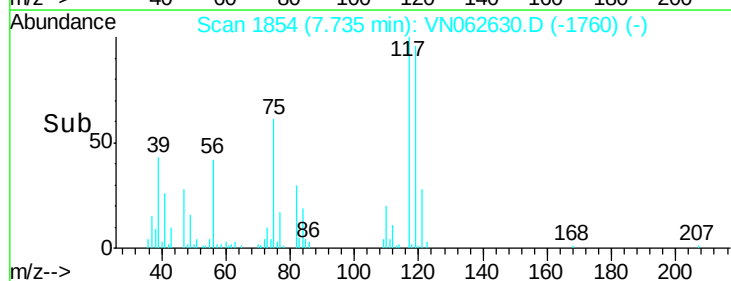
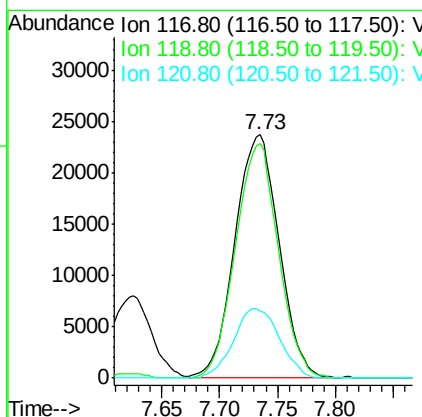
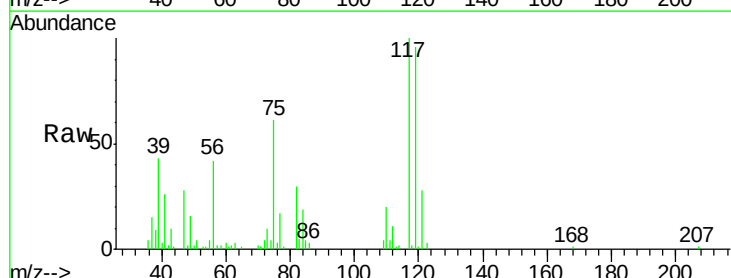
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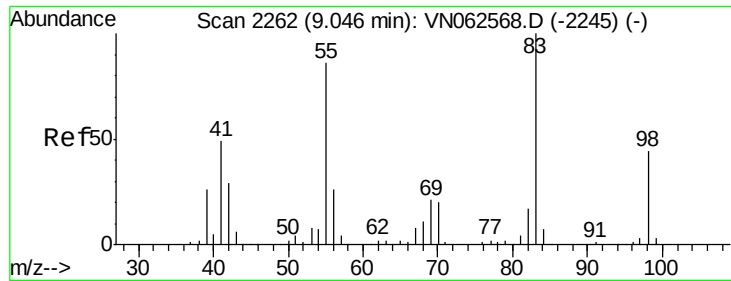
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#38
Carbon Tetrachloride
 Concen: 20.318 ug/l
 RT: 7.73 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.8	112.2
121	27.6	23.0	34.6





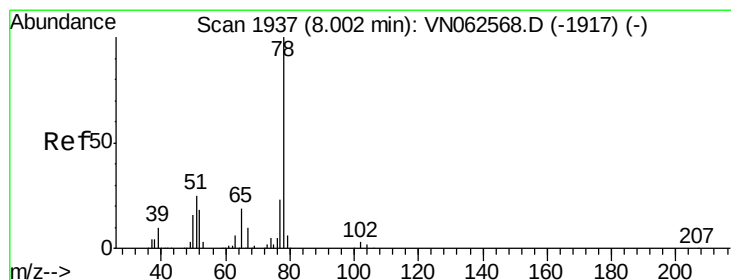
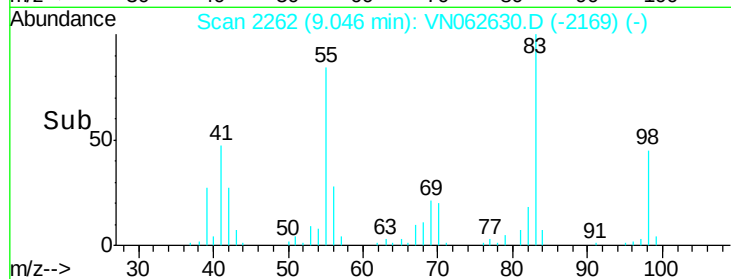
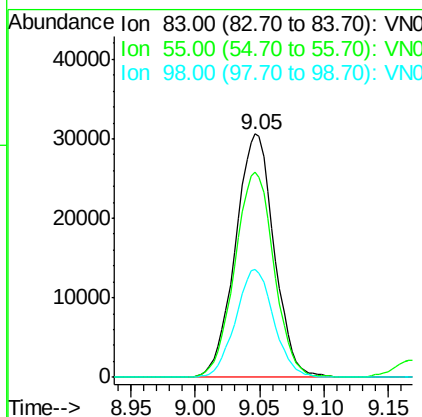
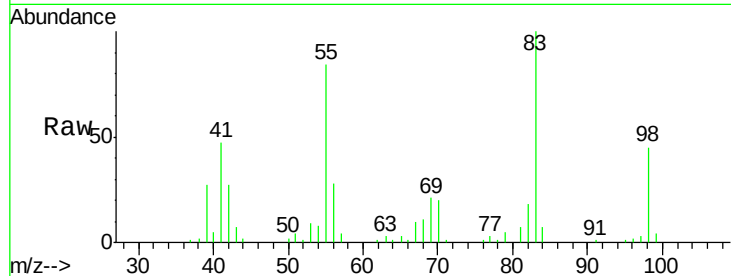
#39
Methylcyclohexane
Concen: 18.429 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.4	68.9	103.3
98	44.5	35.1	52.7

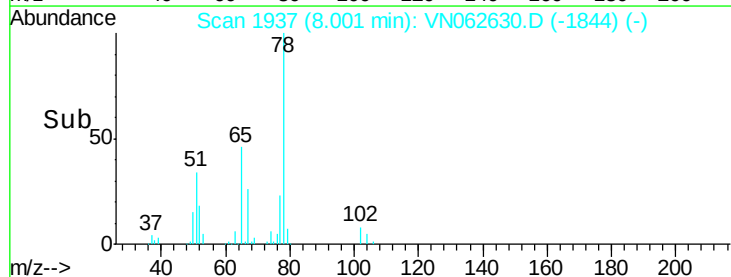
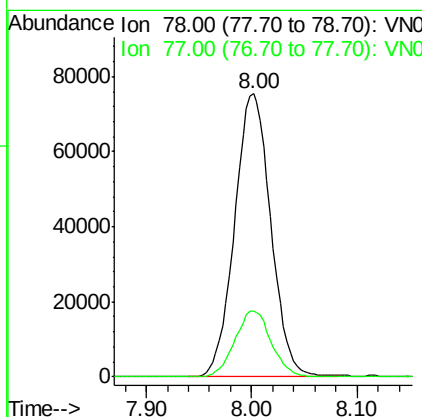
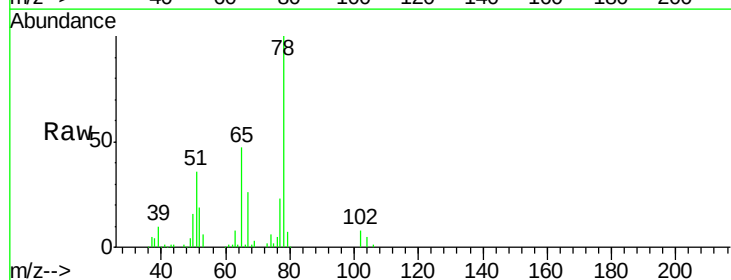
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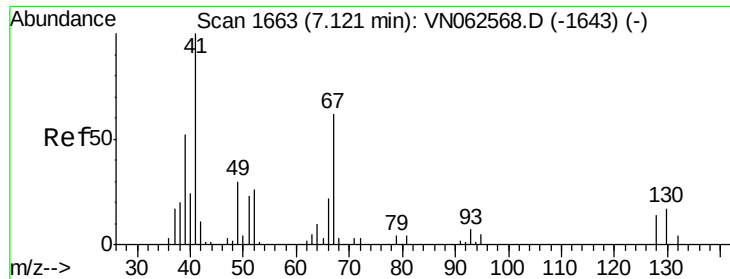
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#40
Benzene
Concen: 18.449 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





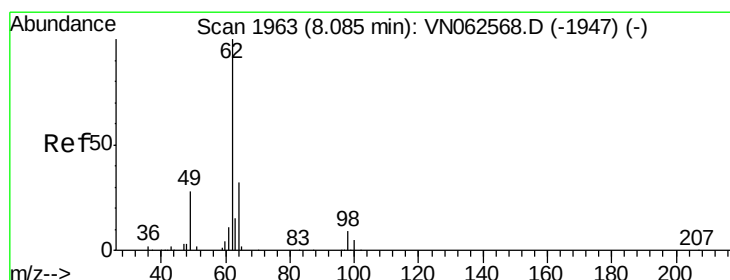
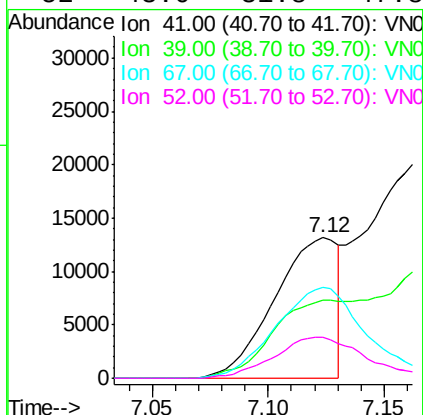
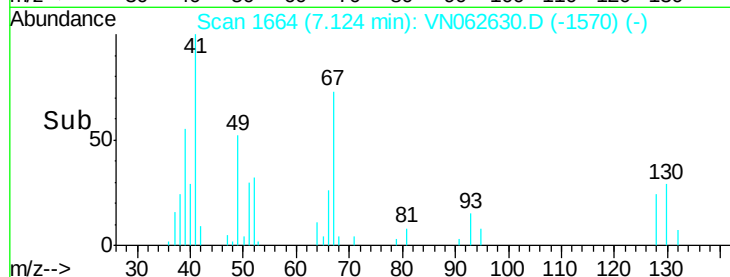
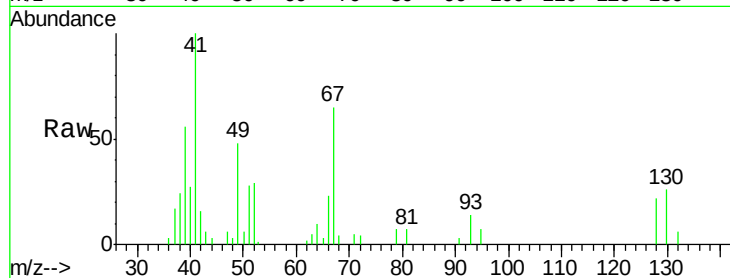
#41
Methacrylonitrile
Concen: 16.775 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.8	55.8	83.6	
67	93.7	72.5	108.7	
52	43.0	31.8	47.8	

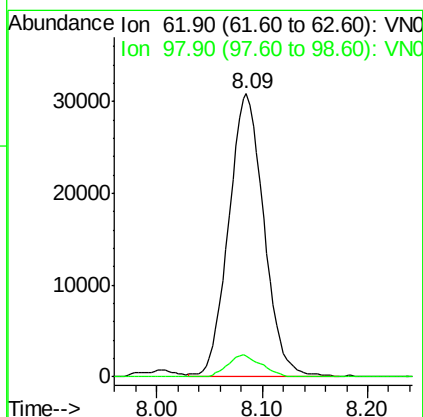
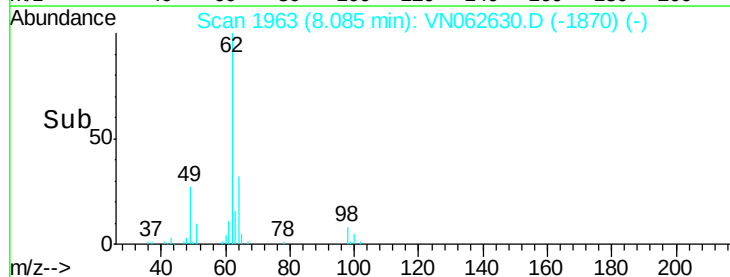
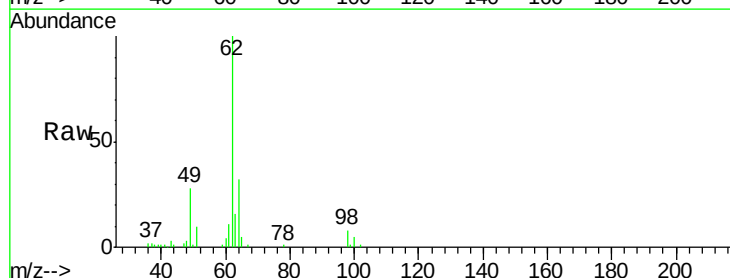
Manual Integrations
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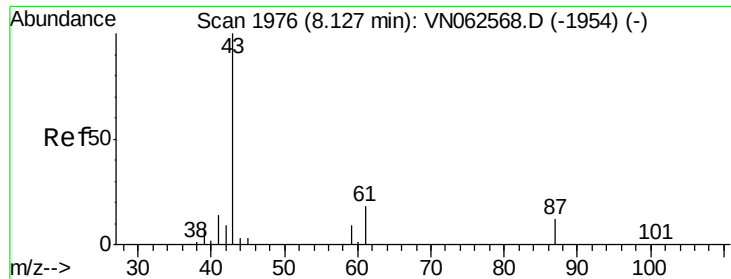
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#42
1,2-Dichloroethane
Concen: 20.093 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.3	0.0	16.2	





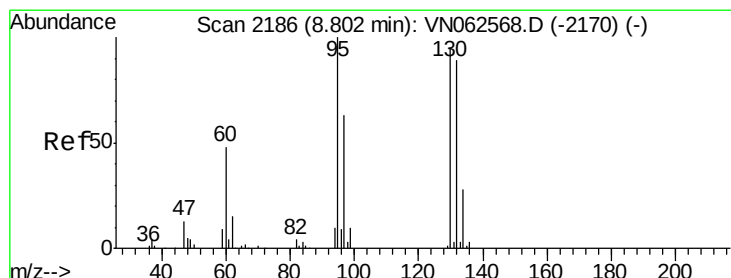
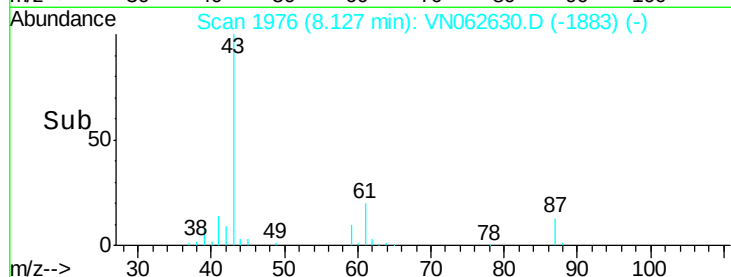
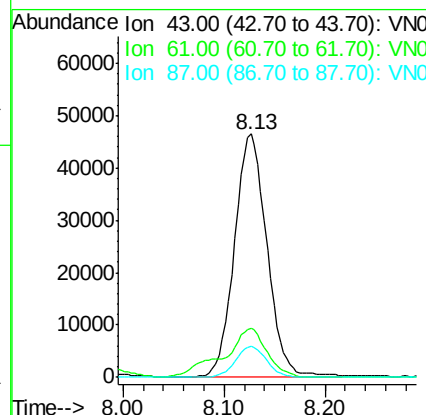
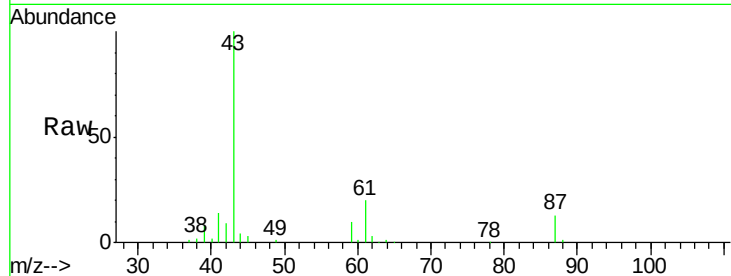
#43
Isopropyl Acetate
Concen: 18.680 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.9	20.8	31.2
87	12.1	9.2	13.8

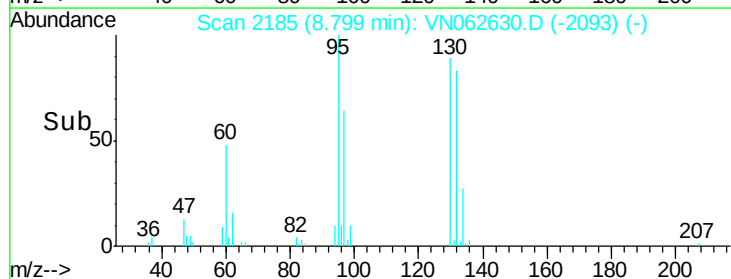
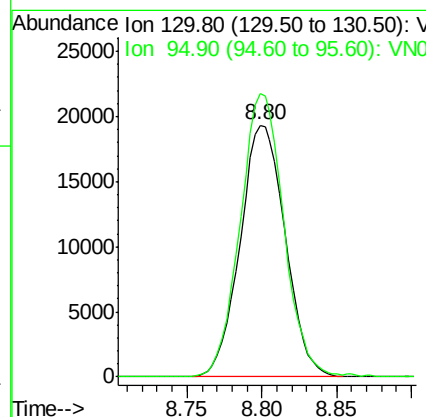
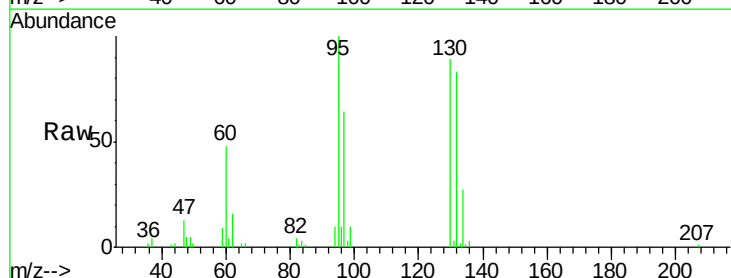
Manual Integrations
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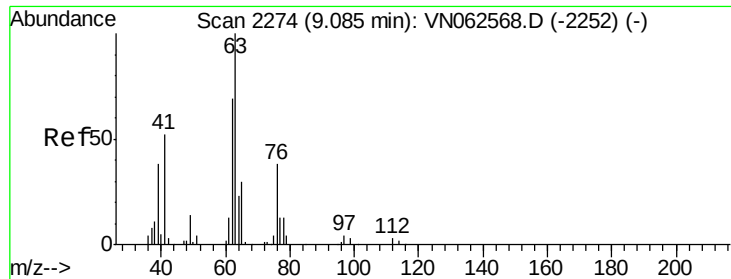
MMDadoda
7/29/2020 7:06:21 PM



#44
Trichloroethene
Concen: 18.450 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.4	0.0	210.4





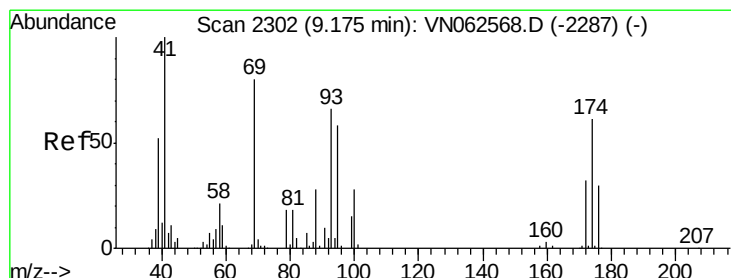
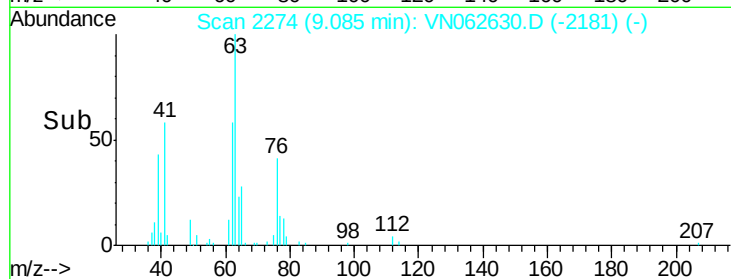
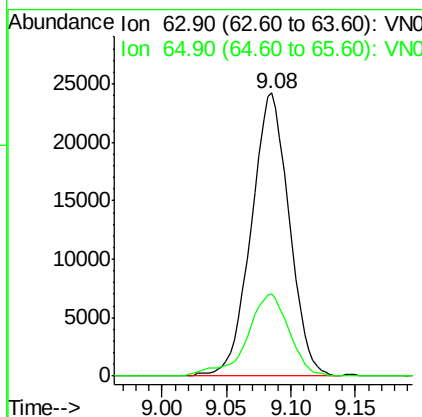
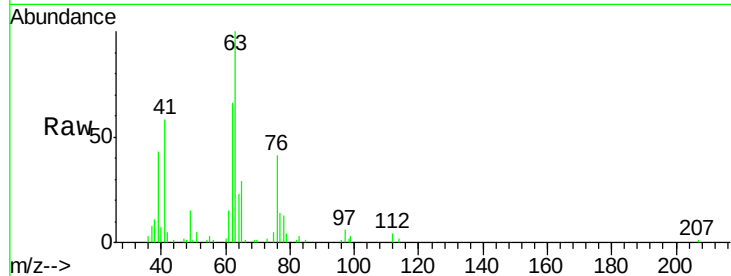
#45
 1,2-Dichloropropane
 Concen: 18.158 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion: 63 Resp: 49670
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.4 36.6

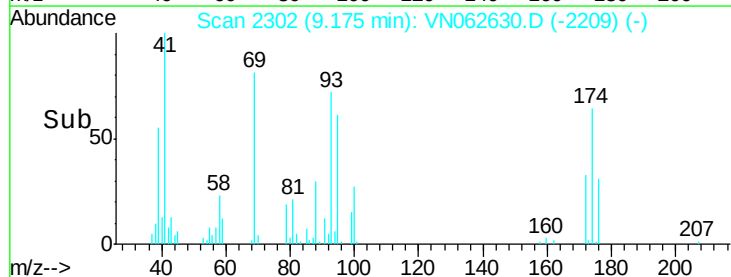
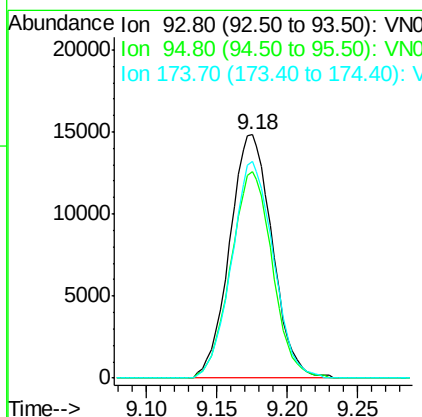
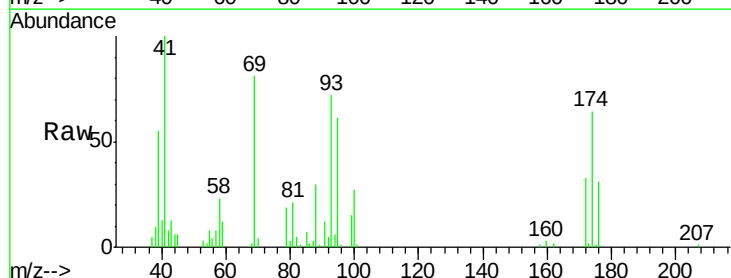
Manual Integrations
 APPROVED

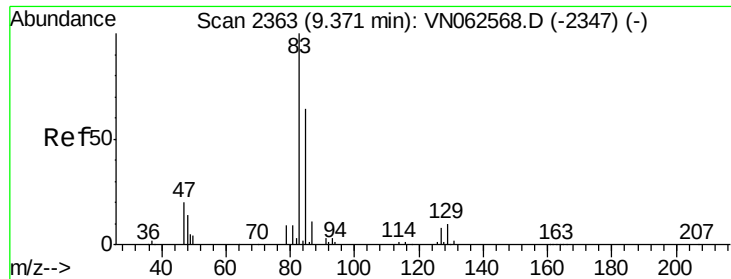
MMDadoda
 7/29/2020 7:06:21 PM



#46
 Dibromomethane
 Concen: 19.792 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 93 Resp: 31291
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.6 101.4
 174 87.2 72.5 108.7





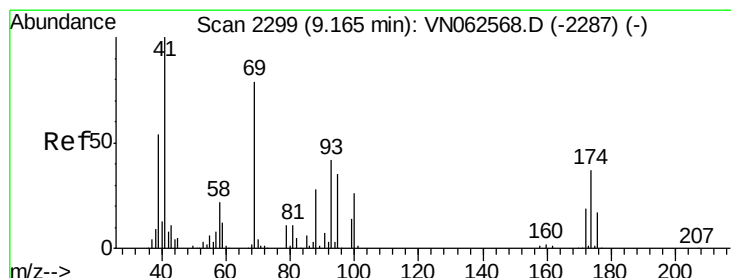
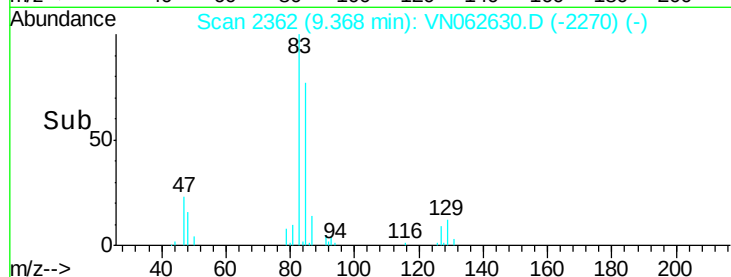
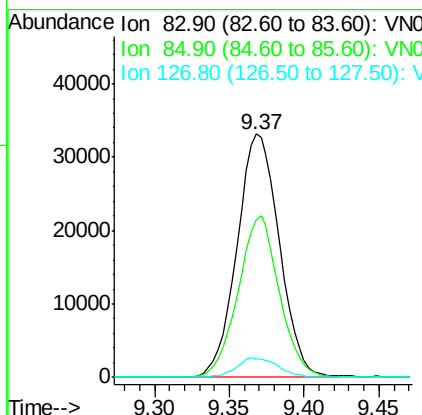
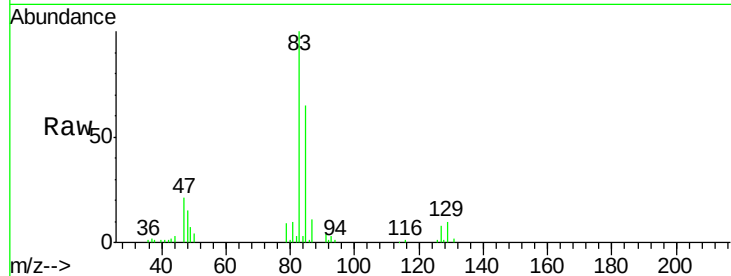
#47
Bromodichloromethane
Concen: 19.088 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4
127	7.7	6.2	9.2

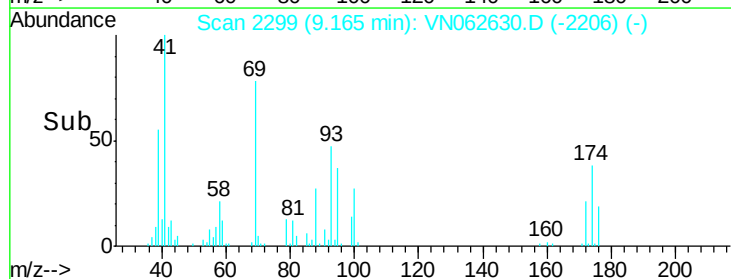
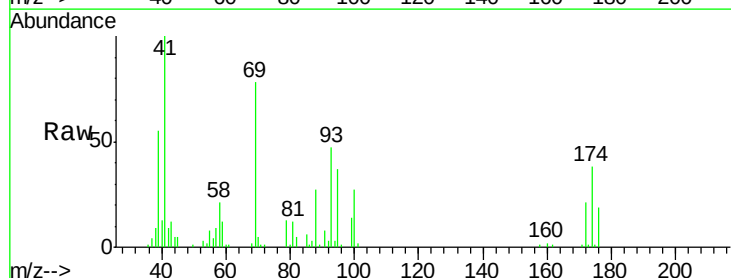
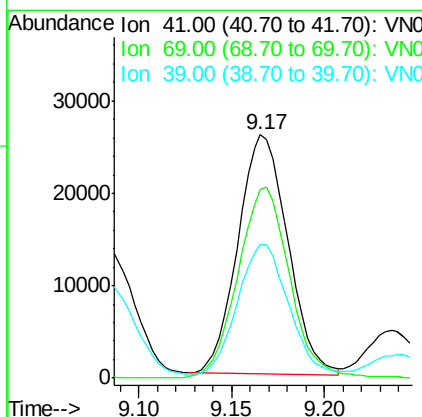
Manual Integrations
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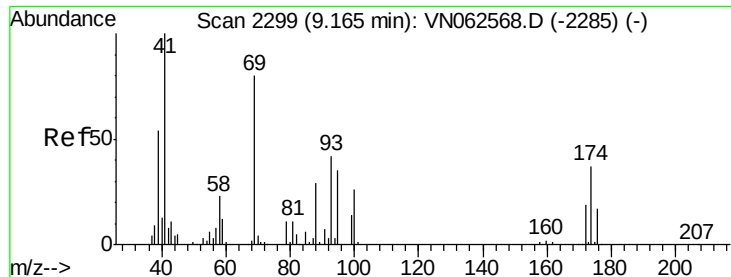
MMDadoda
7/29/2020 7:06:21 PM



#48
Methyl methacrylate
Concen: 18.168 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.2	64.4	96.6
39	59.4	43.5	65.3





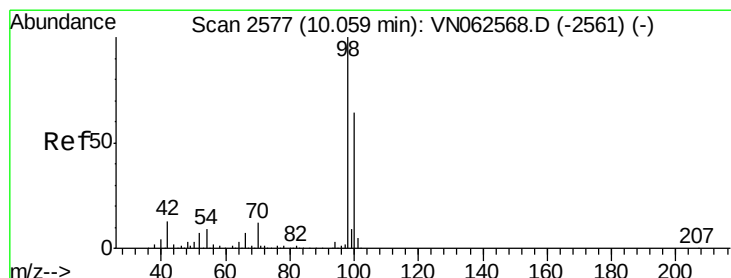
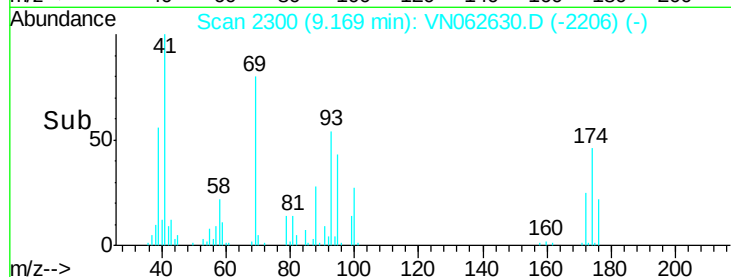
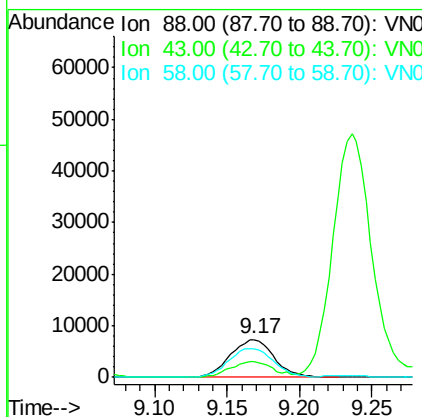
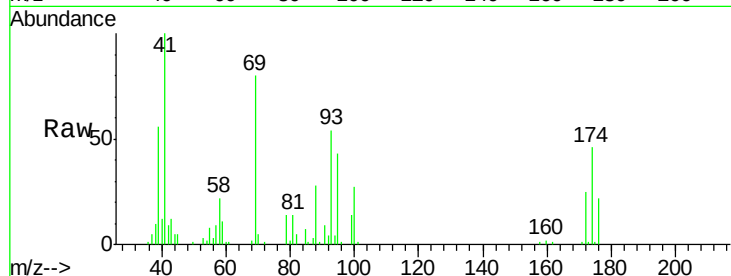
#49
1,4-Dioxane
Concen: 379.833 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	40.9	32.0	48.0
58	78.2	62.8	94.2

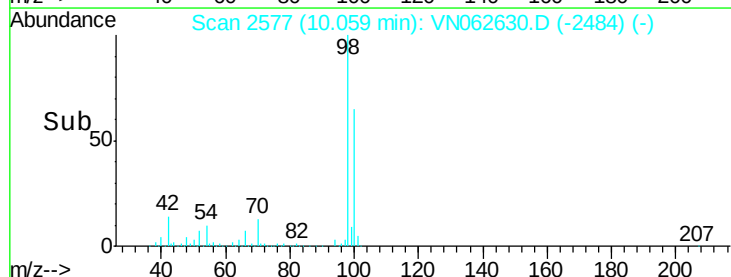
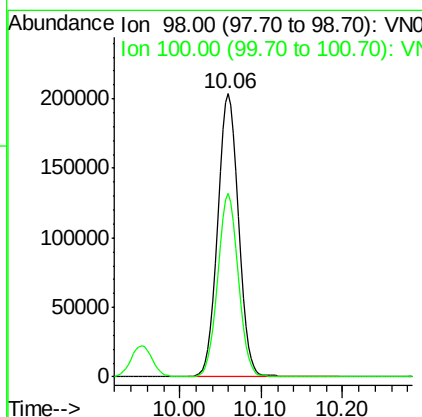
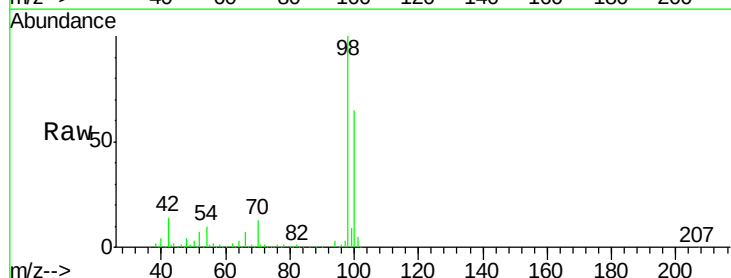
Manual Integrations
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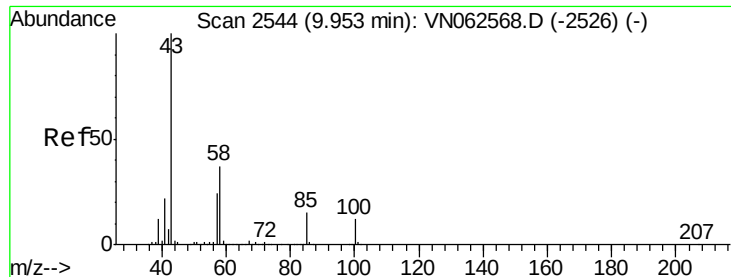
MMDadoda
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#50
Toluene-d8
Concen: 46.946 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





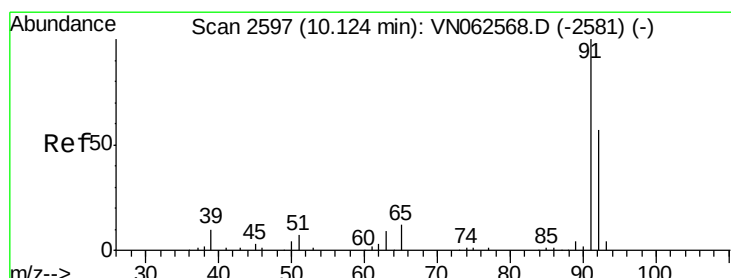
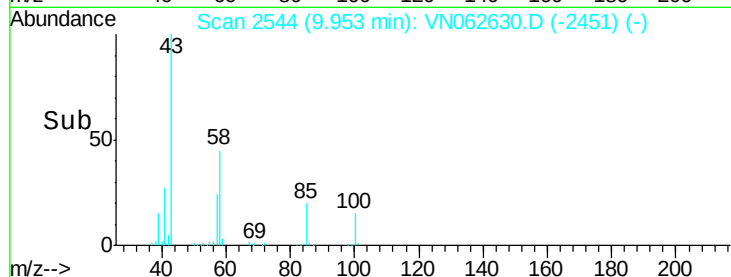
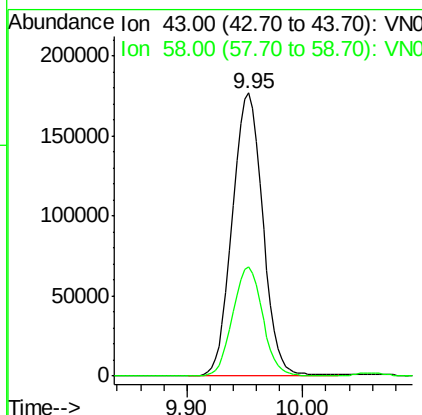
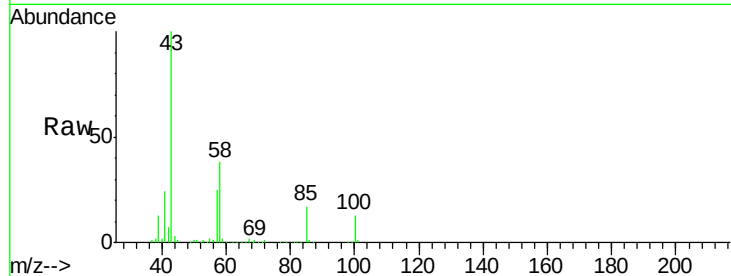
#51
 4-Methyl-2-Pentanone
 Concen: 96.118 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion: 43 Resp: 321608
 Ion Ratio Lower Upper
 43 100
 58 38.0 29.8 44.6

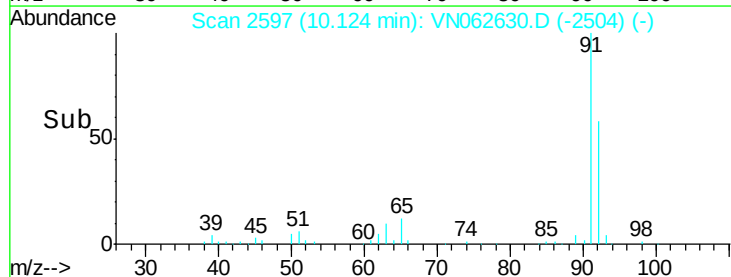
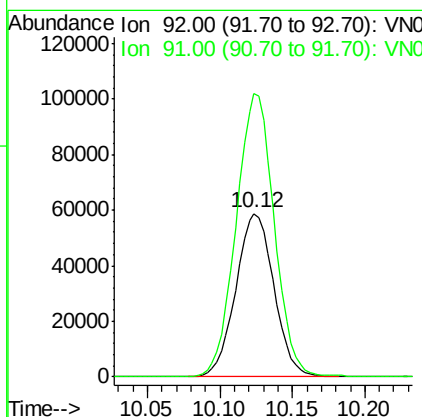
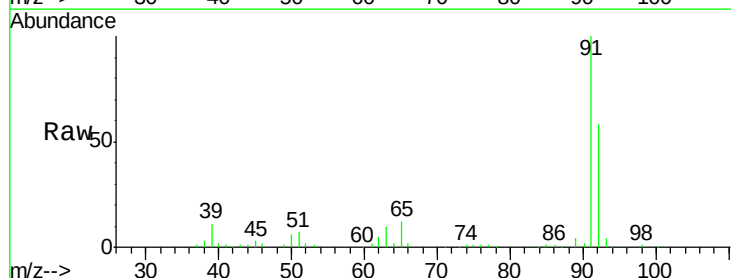
Manual Integrations
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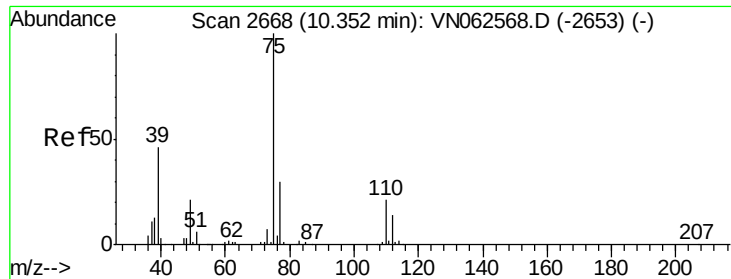
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#52
 Toluene
 Concen: 18.983 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 92 Resp: 107389
 Ion Ratio Lower Upper
 92 100
 91 173.3 139.4 209.2





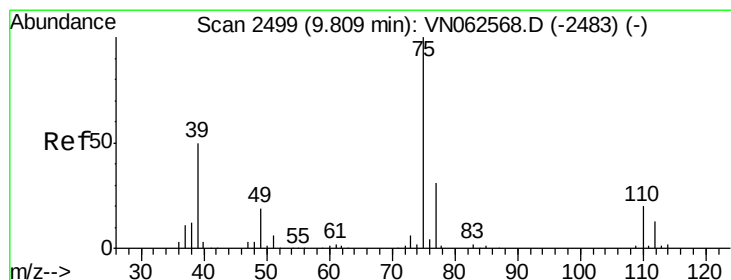
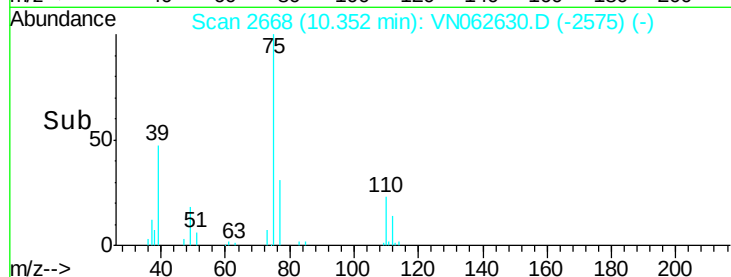
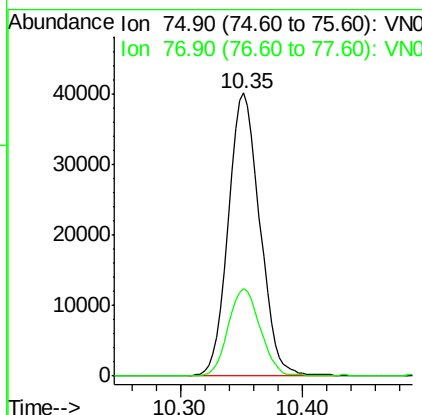
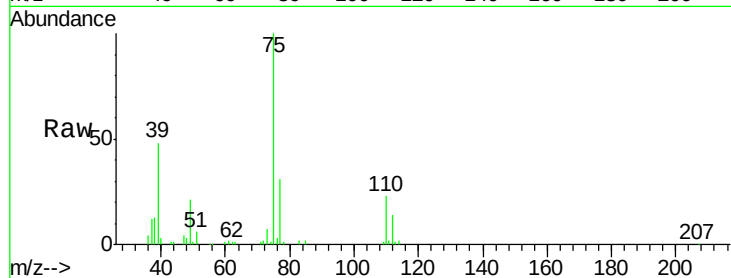
#53
 t-1,3-Dichloropropene
 Concen: 19.025 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion: 75 Resp: 72542
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.3 36.5

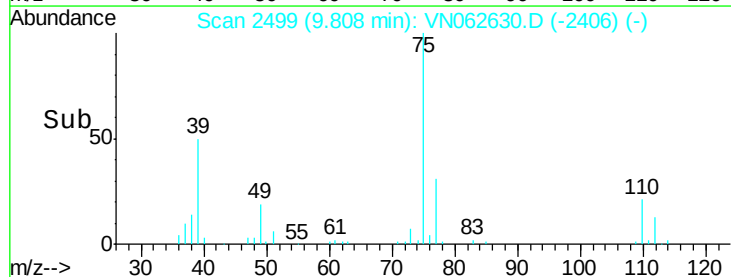
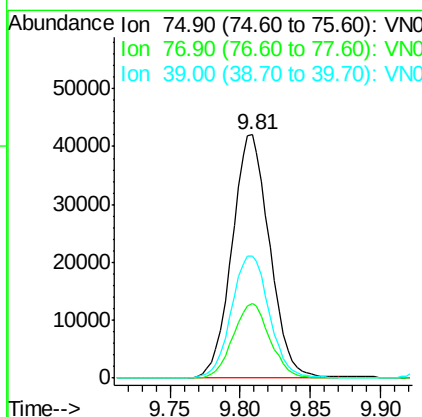
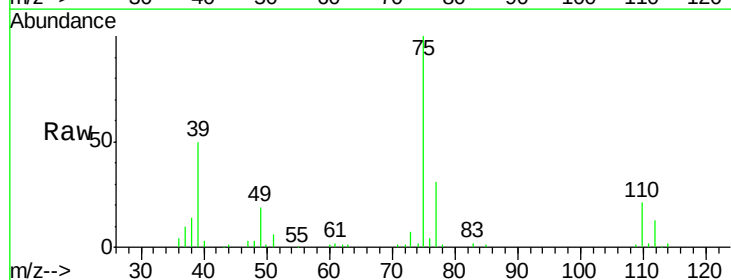
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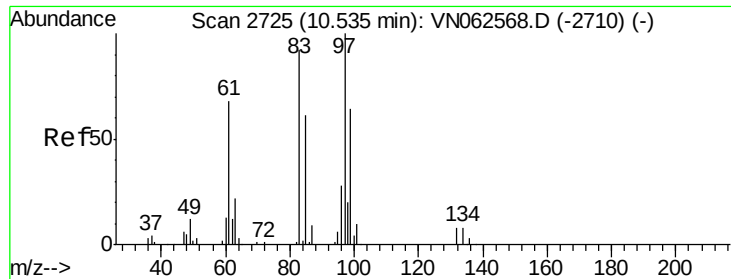
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#54
 cis-1,3-Dichloropropene
 Concen: 19.197 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 75 Resp: 78545
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6
 39 50.3 39.8 59.8





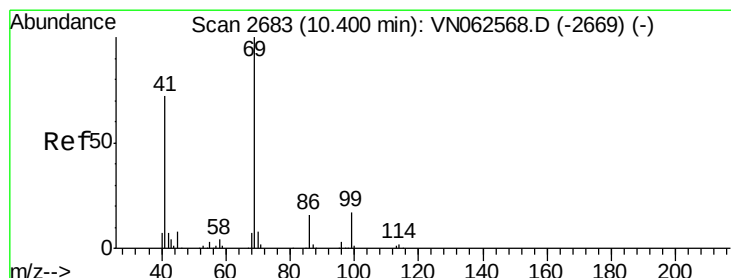
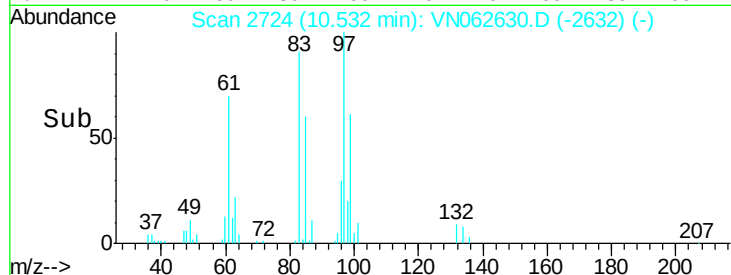
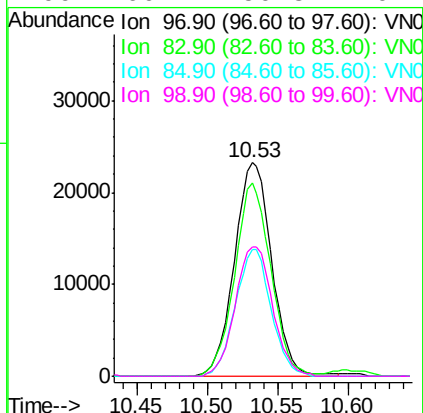
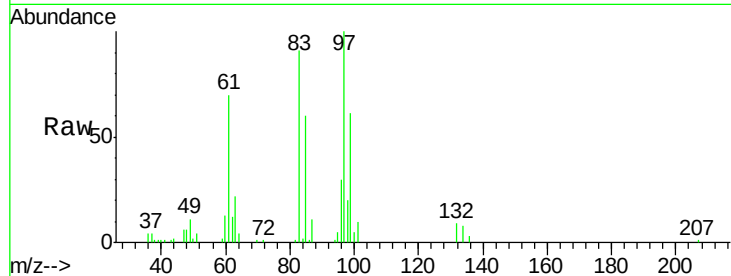
#55
 1,1,2-Trichloroethane
 Concen: 19.672 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion:	97	Resp:	43167
Ion	Ratio	Lower	Upper
97	100		
83	90.5	73.7	110.5
85	59.5	48.5	72.7
99	60.7	50.8	76.2

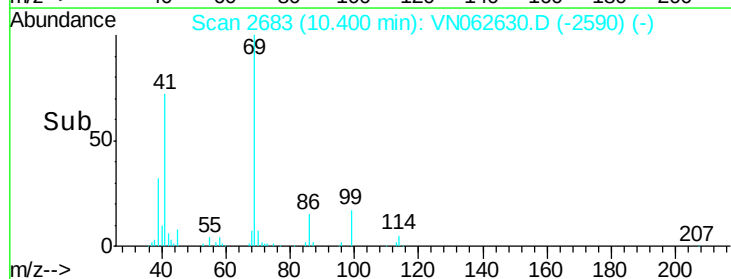
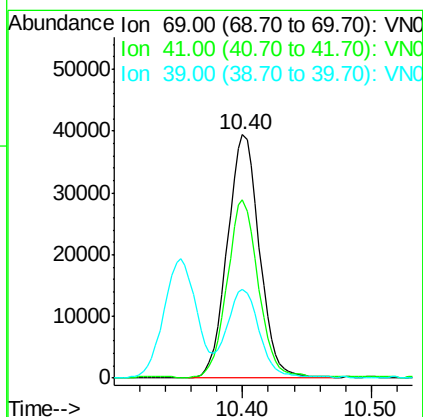
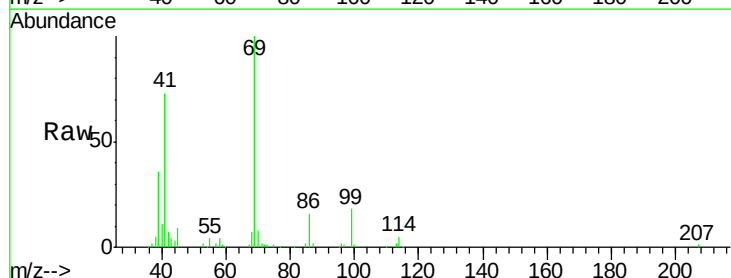
Manual Integrations
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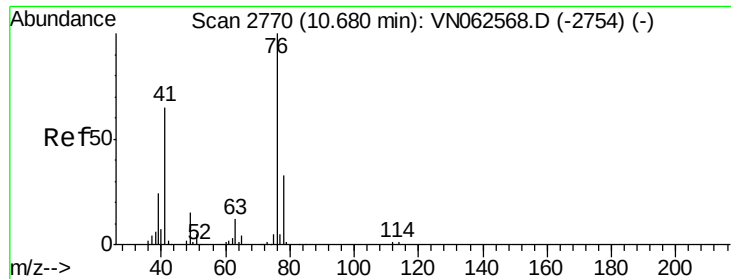
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 7/29/2020 7:06:21 PM



#56
 Ethyl methacrylate
 Concen: 18.458 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion:	69	Resp:	68172
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.2	85.8
39	37.3	28.6	43.0





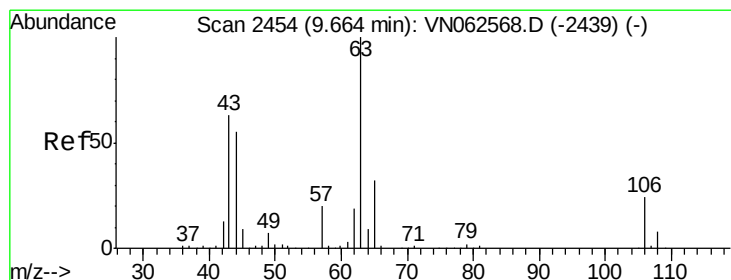
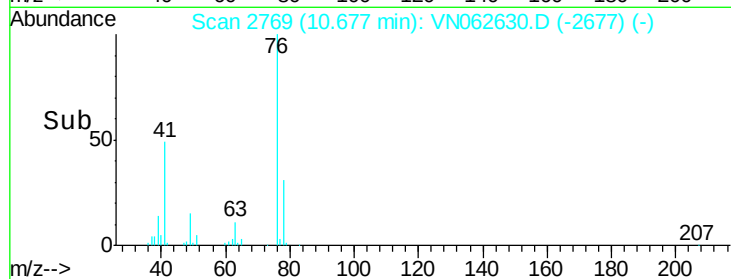
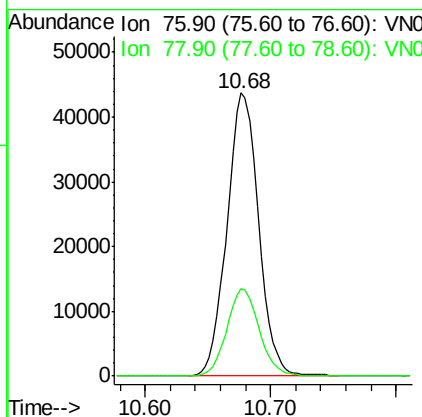
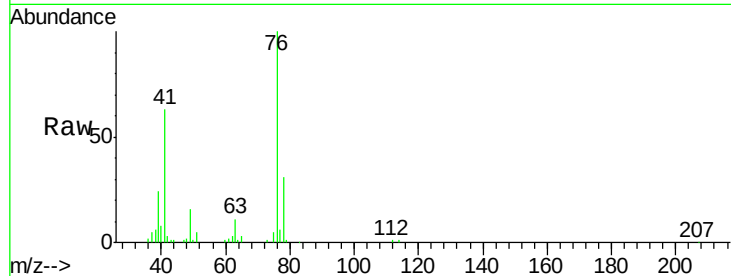
#57
 1,3-Dichloropropane
 Concen: 19.047 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion: 76 Resp: 76572
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.3 39.5

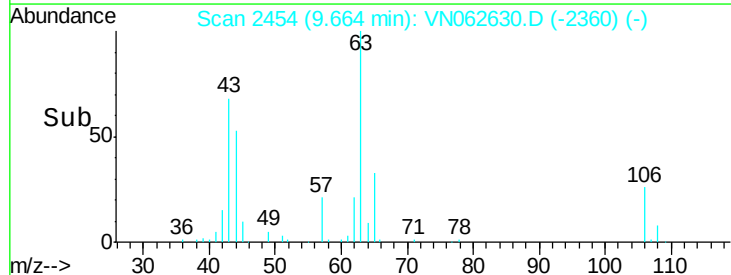
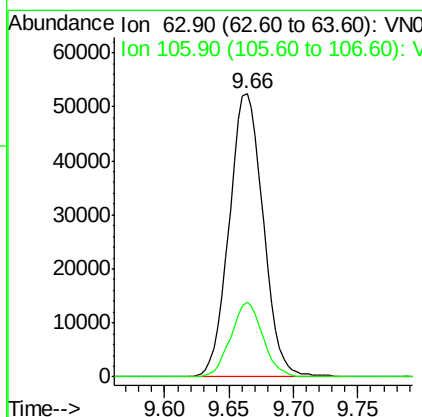
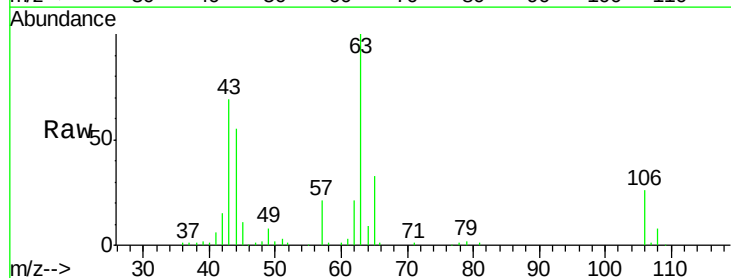
Manual Integrations
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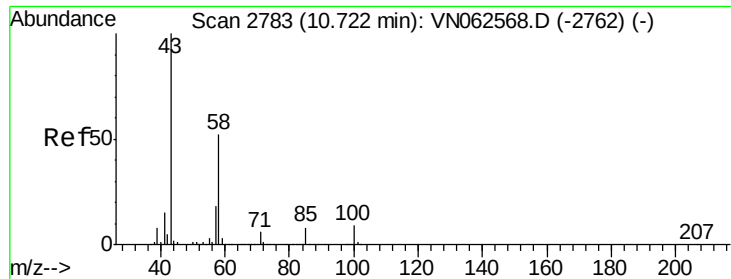
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 7/29/2020 7:06:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.187 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 63 Resp: 96065
 Ion Ratio Lower Upper
 63 100
 106 24.8 18.9 28.3





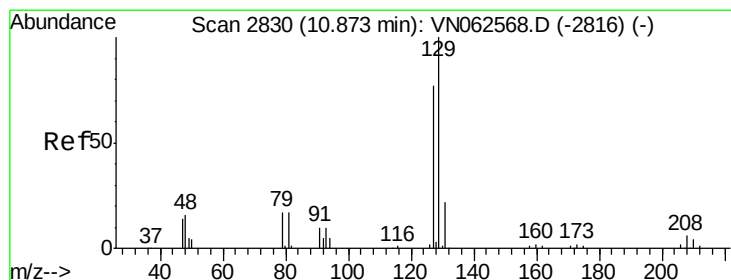
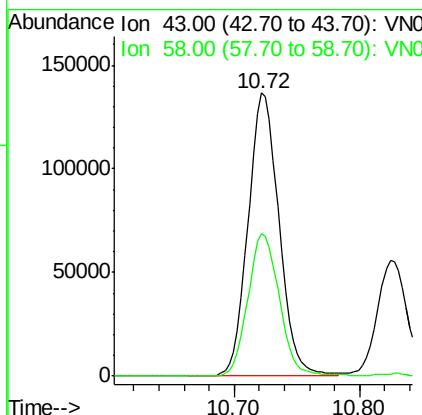
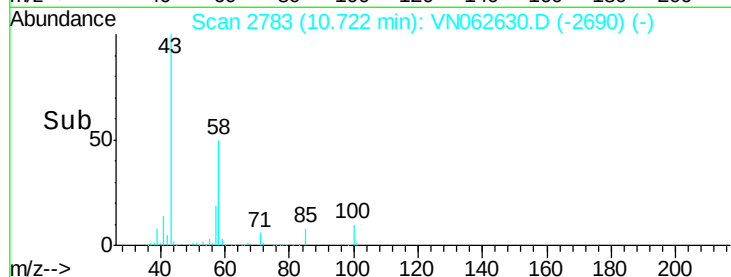
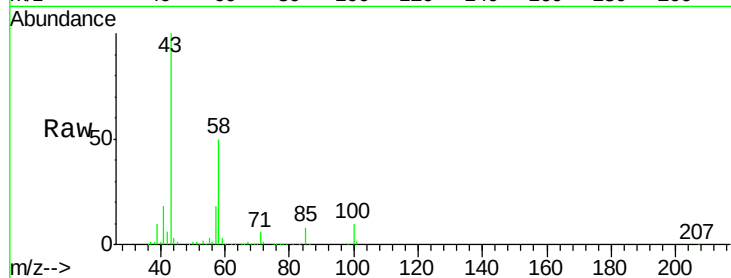
#59
2-Hexanone
Concen: 93.021 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0728WBS01

Tgt Ion: 43 Resp: 235842
Ion Ratio Lower Upper
43 100
58 51.0 26.0 78.0

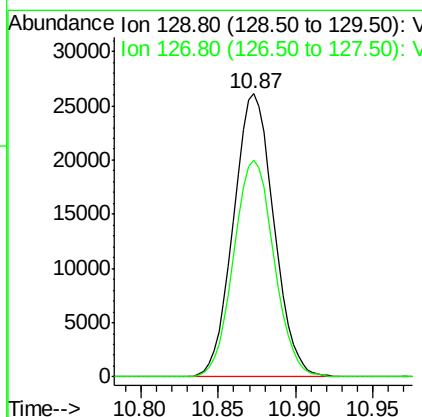
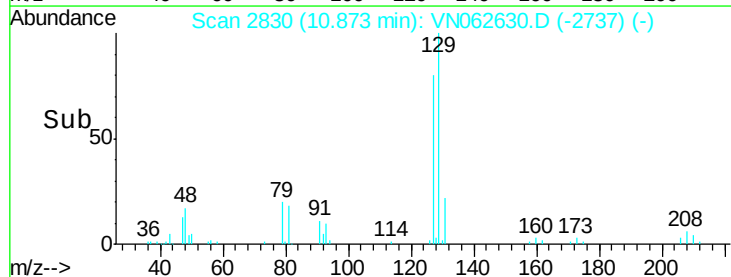
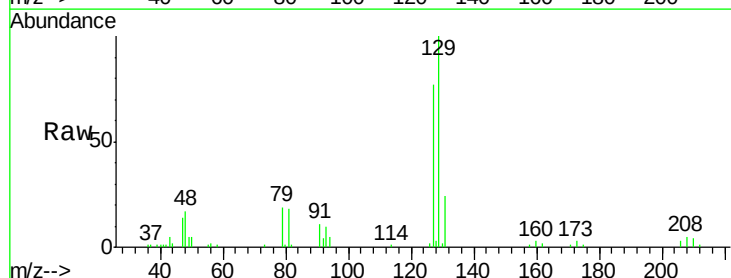
Manual Integrations
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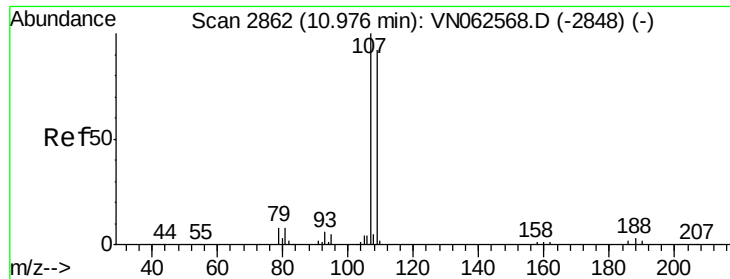
MMDadoda
7/29/2020 7:06:21 PM



#60
Dibromochloromethane
Concen: 19.369 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 129 Resp: 47415
Ion Ratio Lower Upper
129 100
127 76.5 38.0 113.9





#61

1,2-Dibromoethane

Concen: 18.277 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

Tgt Ion: 107 Resp: 41763

Ion Ratio Lower Upper

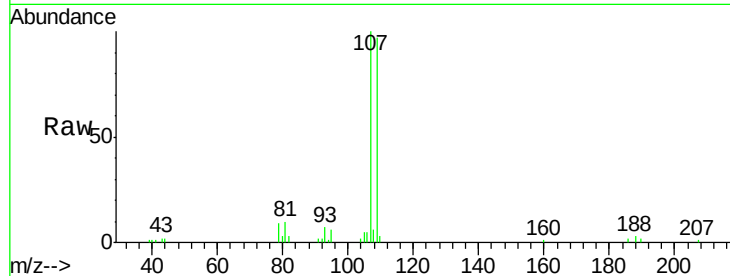
107 100

109 95.9 73.8 110.6

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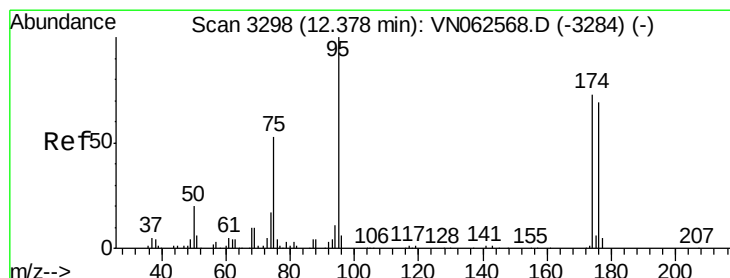
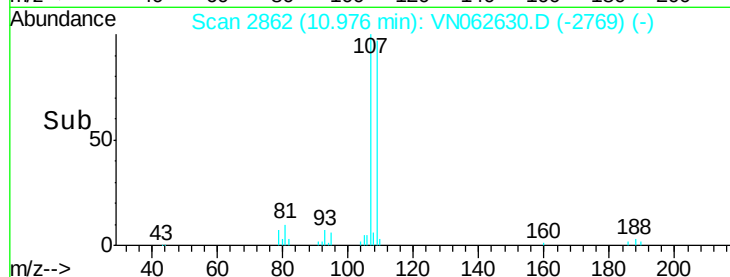
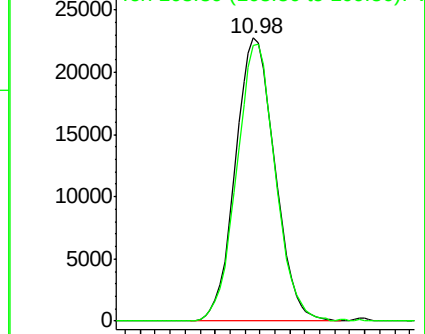
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.931 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

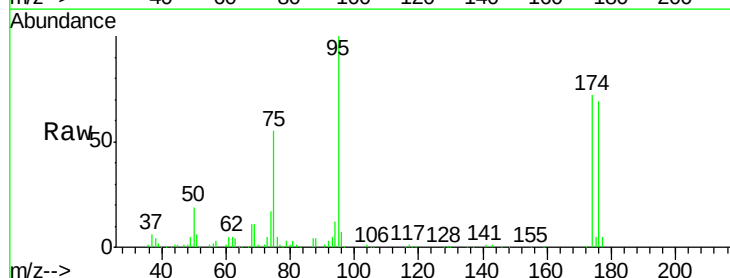
Tgt Ion: 95 Resp: 135778

Ion Ratio Lower Upper

95 100

174 71.9 0.0 144.6

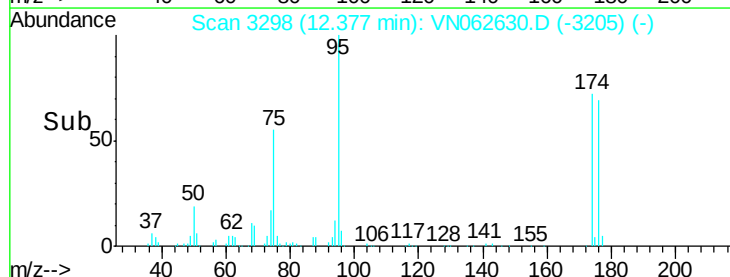
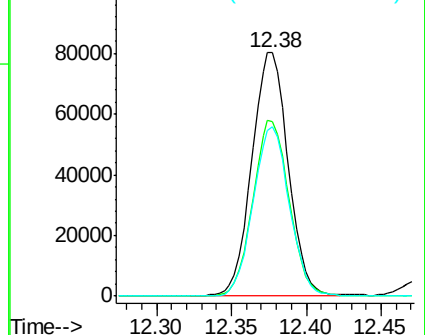
176 69.2 0.0 139.4

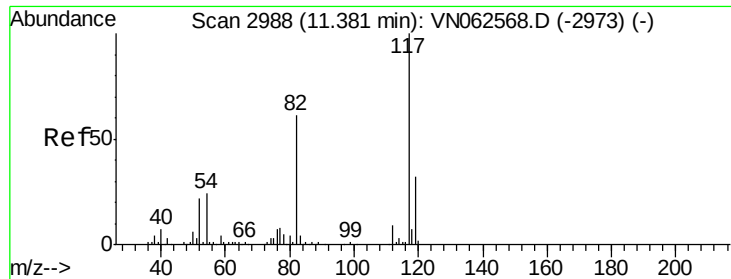


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





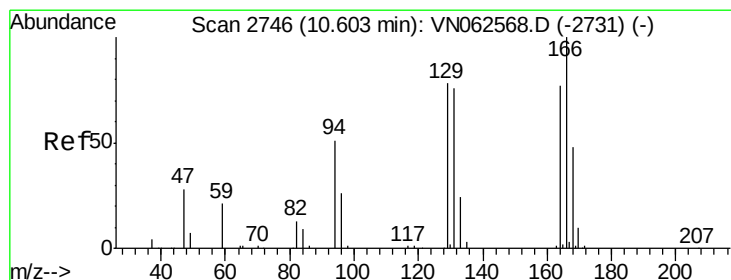
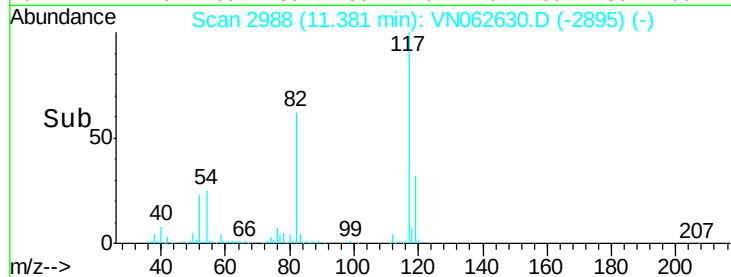
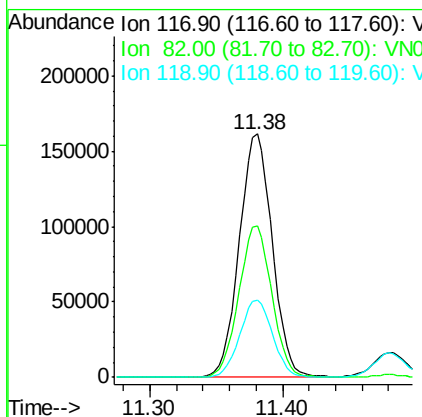
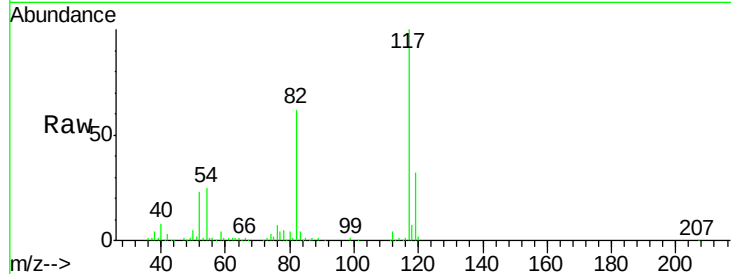
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	279477		
82	62.2	49.0	73.6	
119	31.8	25.4	38.2	

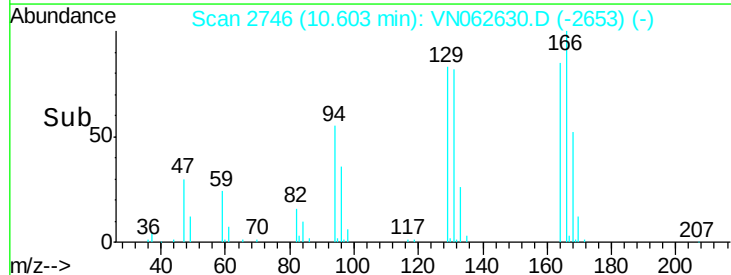
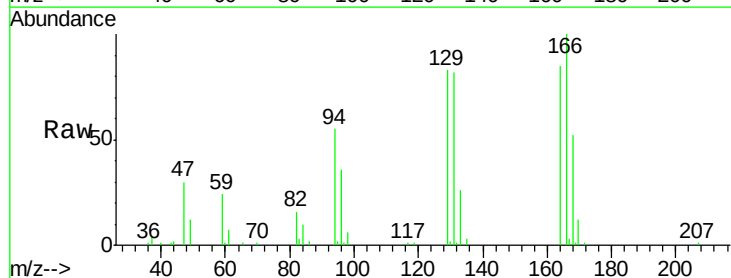
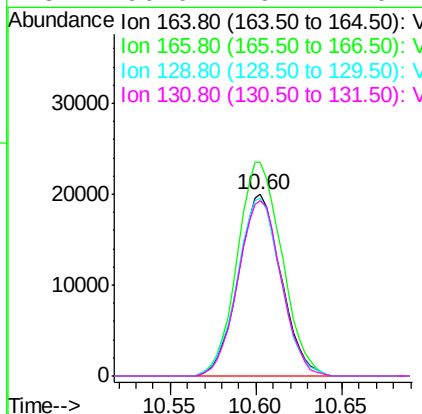
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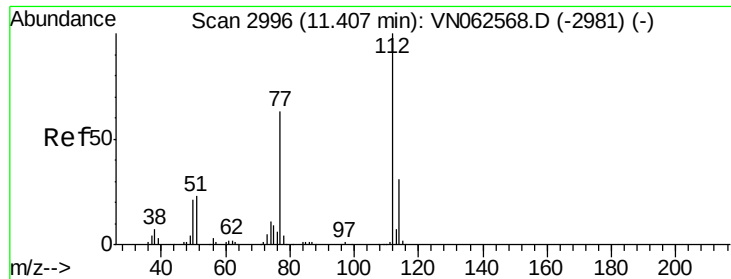
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#64
Tetrachloroethene
Concen: 19.089 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34662		
166	117.8	104.4	156.6	
129	98.3	81.0	121.4	
131	96.6	79.4	119.2	





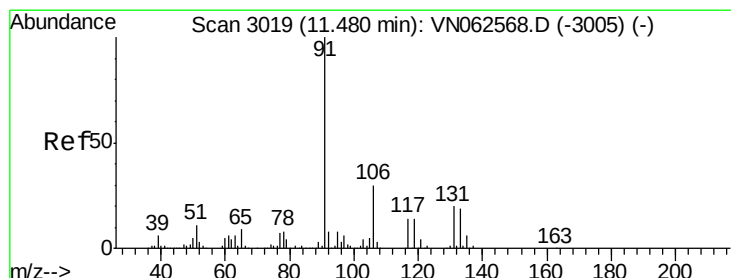
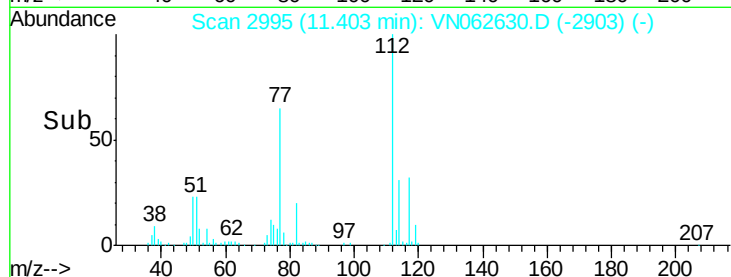
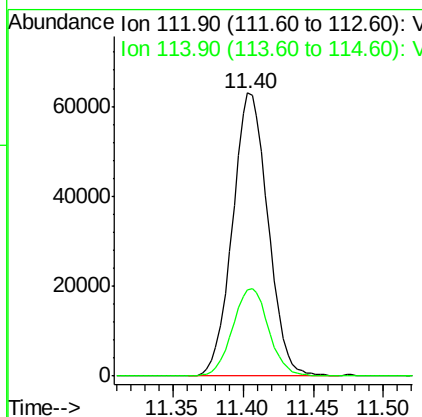
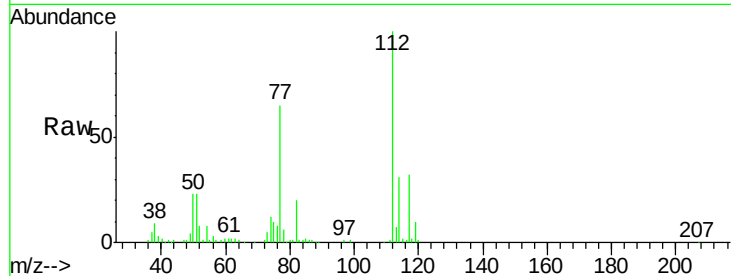
#65
Chlorobenzene
Concen: 18.942 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion:112 Resp: 110983
Ion Ratio Lower Upper
112 100
114 30.6 25.1 37.7

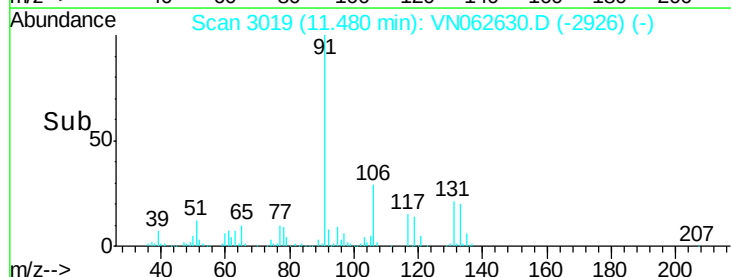
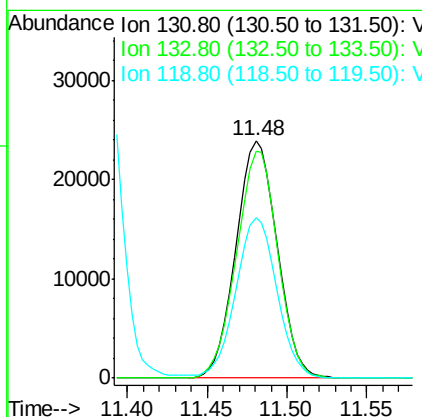
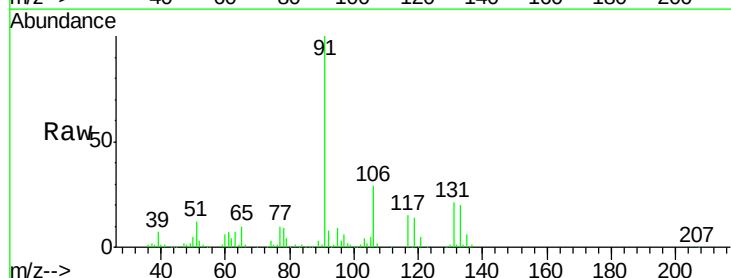
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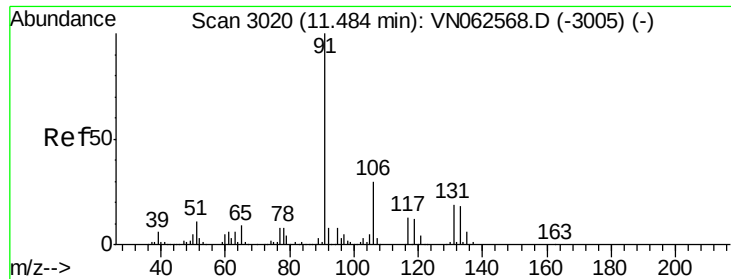
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.059 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion:131 Resp: 42008
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 67.8 33.7 101.0





#67

Ethyl Benzene

Concen: 18.870 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS01

Tgt Ion: 91 Resp: 202717

Ion Ratio Lower Upper

91 100

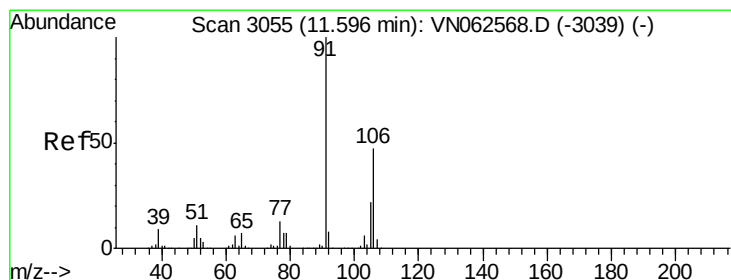
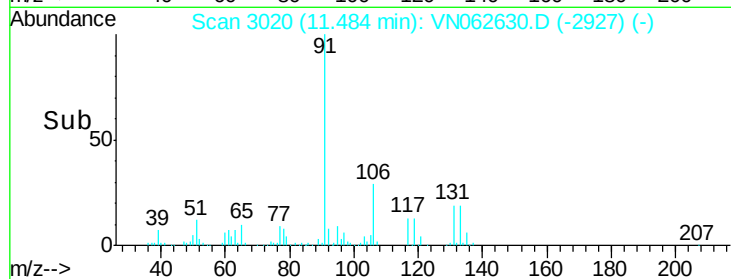
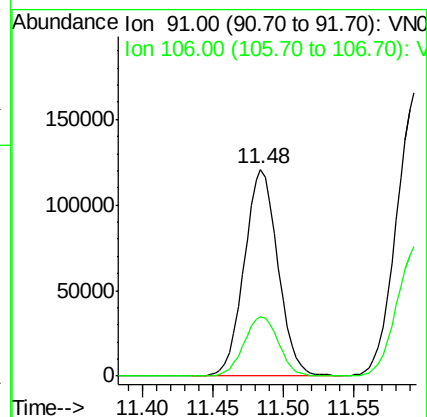
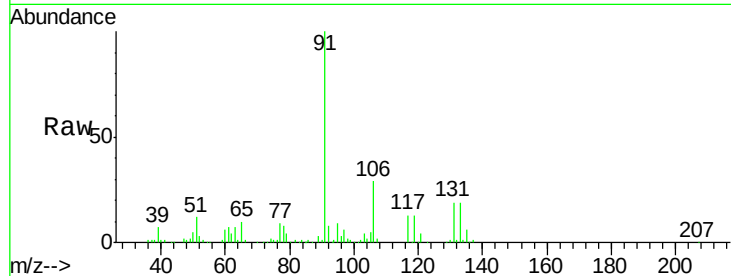
106 28.9 23.8 35.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.808 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062630.D

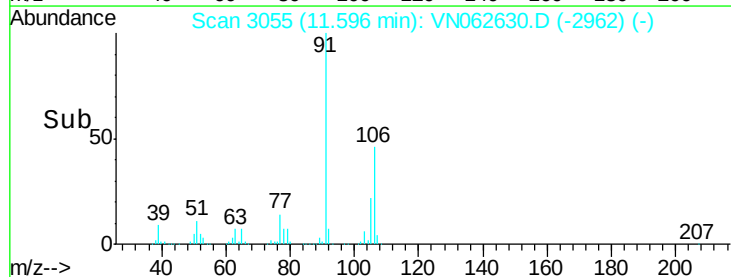
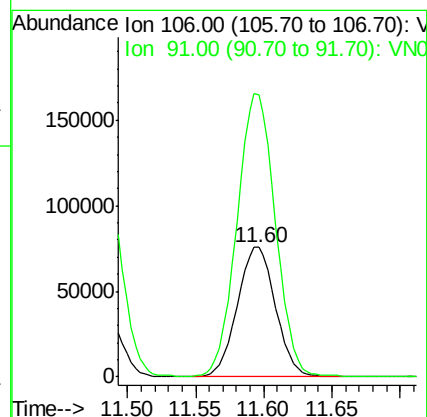
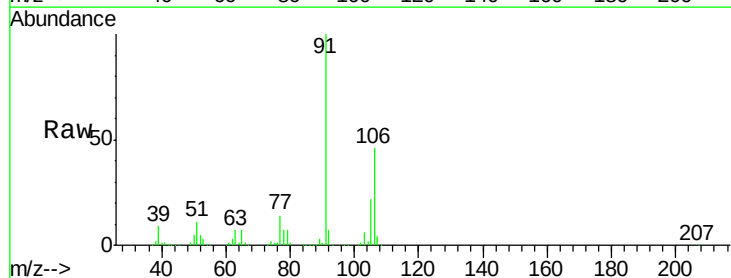
Acq: 28 Jul 2020 13:17

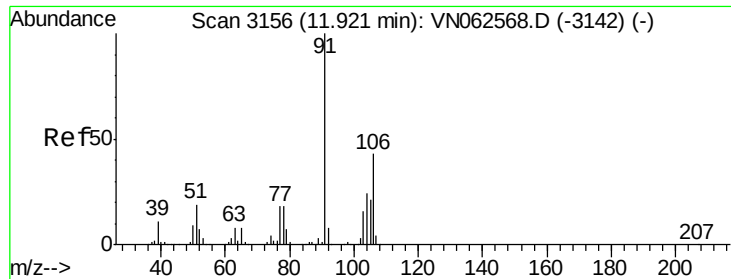
Tgt Ion: 106 Resp: 145985

Ion Ratio Lower Upper

106 100

91 219.9 171.4 257.2





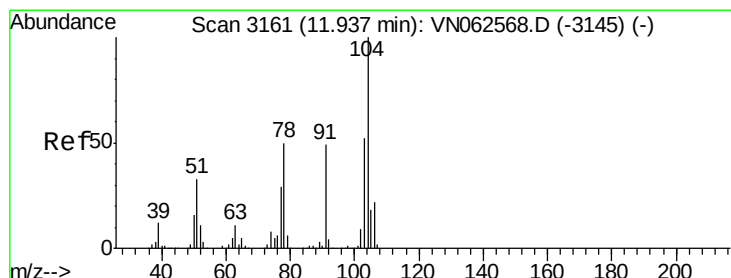
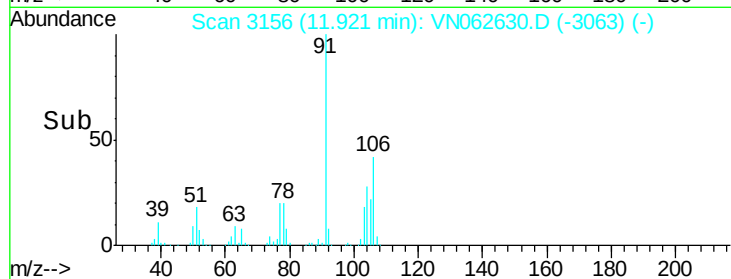
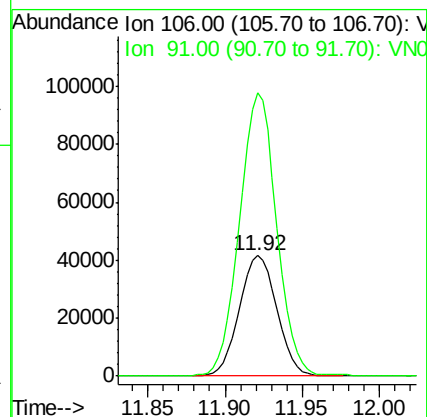
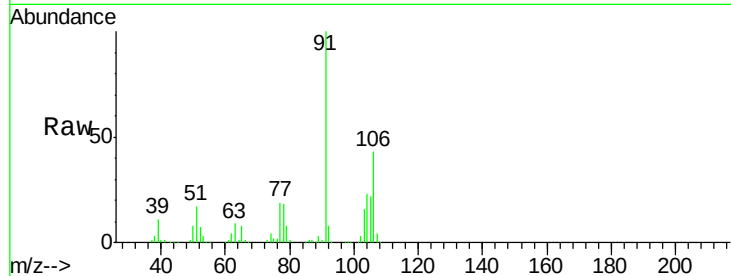
#69
o-Xylene
Concen: 19.227 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion:106 Resp: 70496
Ion Ratio Lower Upper
106 100
91 231.3 113.8 341.2

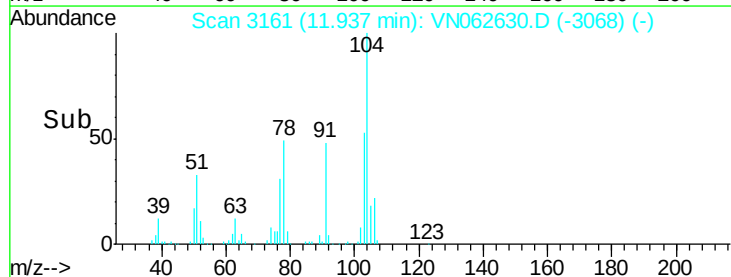
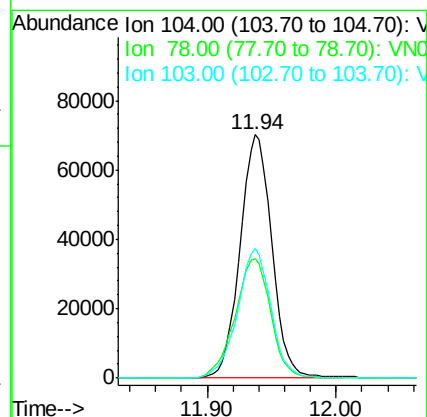
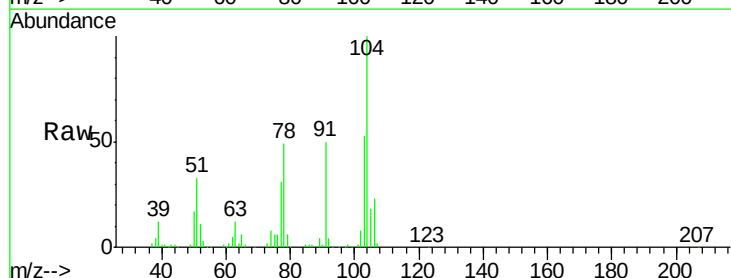
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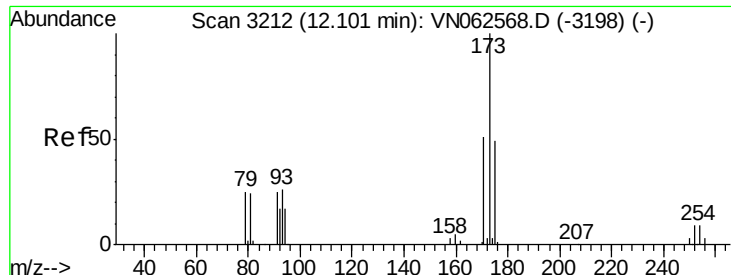
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#70
Styrene
Concen: 19.437 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion:104 Resp: 120388
Ion Ratio Lower Upper
104 100
78 54.7 43.8 65.6
103 56.0 44.0 66.0





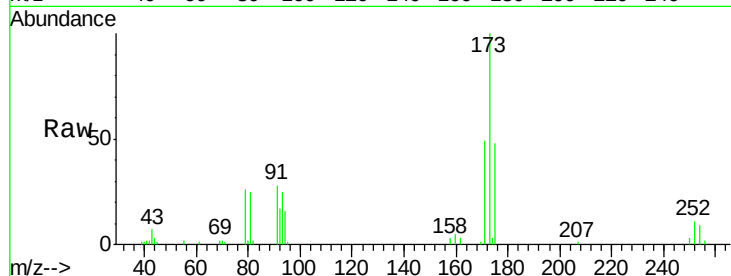
#71
Bromoform
Concen: 19.431 ug/l
RT: 12.10 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

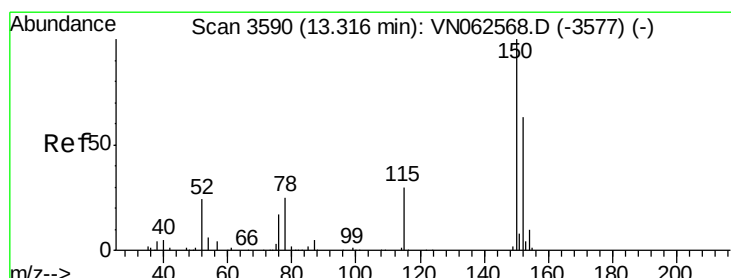
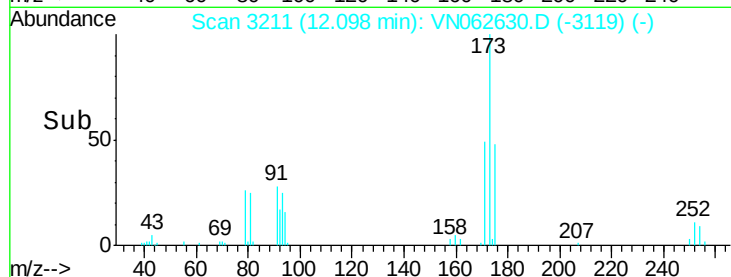
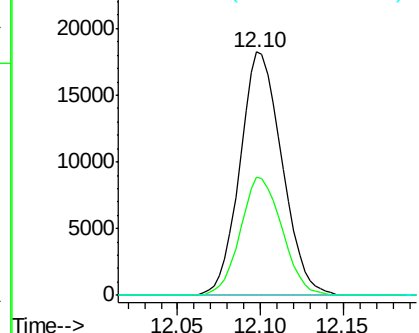
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.2
254	0.0	0.0	0.0

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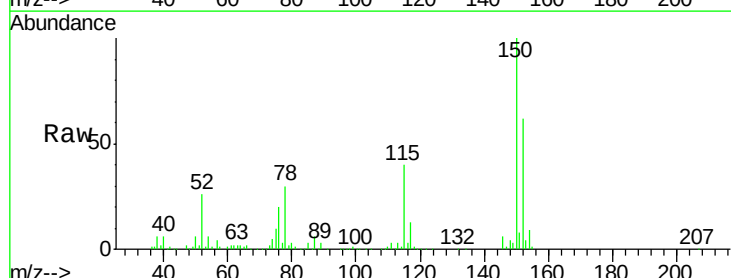


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

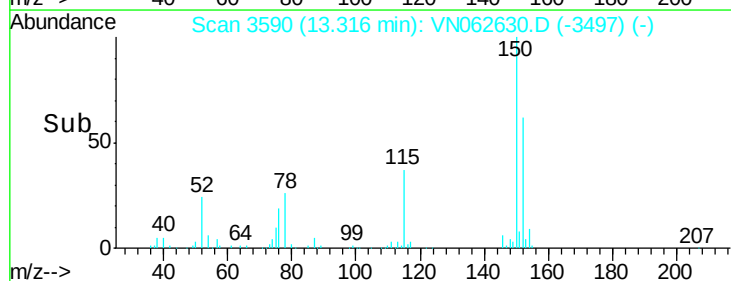
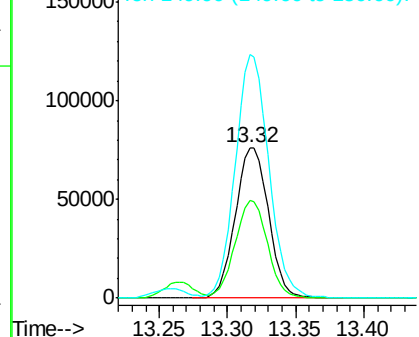


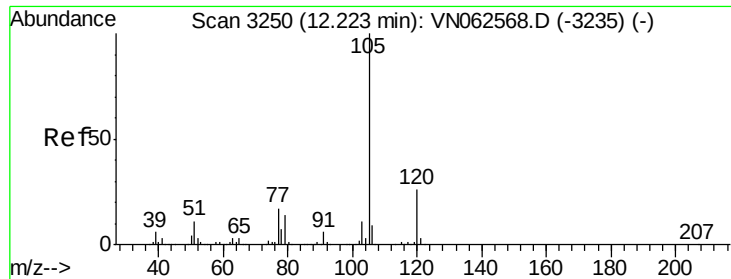
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.8	95.4
150	162.5	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





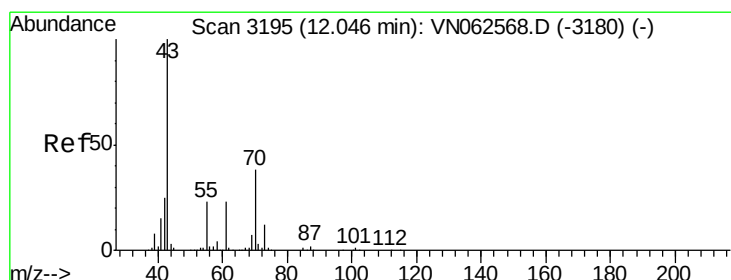
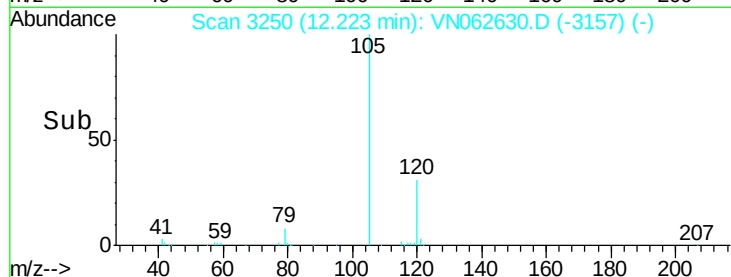
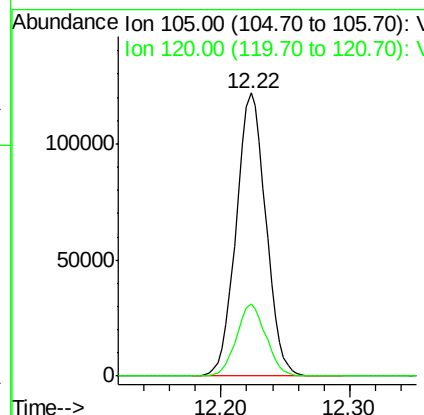
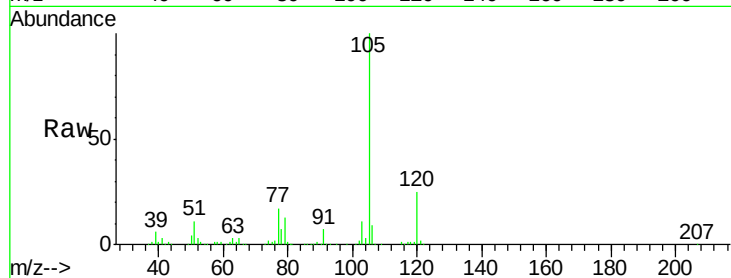
#73
Isopropylbenzene
Concen: 19.069 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194952		
120	25.2	12.8	38.4	

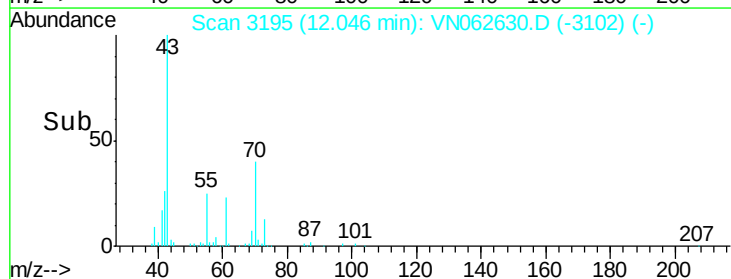
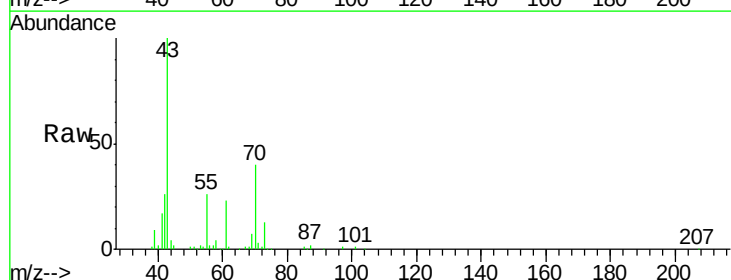
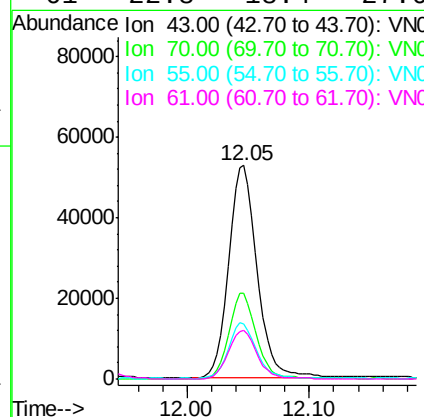
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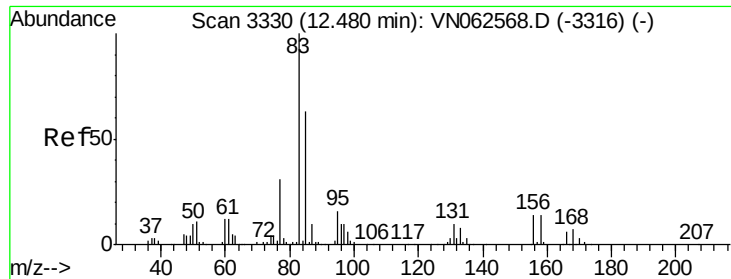
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#74
N-ethyl acetate
Concen: 19.129 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	87337		
70	38.5	30.5	45.7	
55	25.0	19.0	28.6	
61	22.8	18.4	27.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 18.320 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

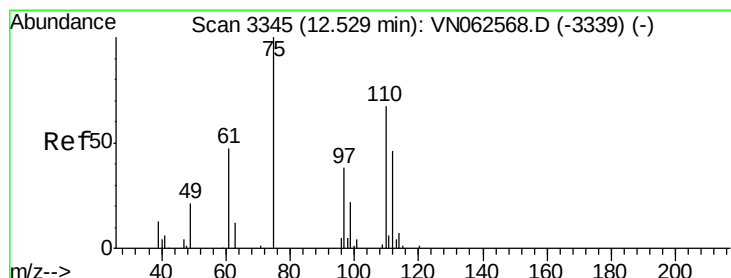
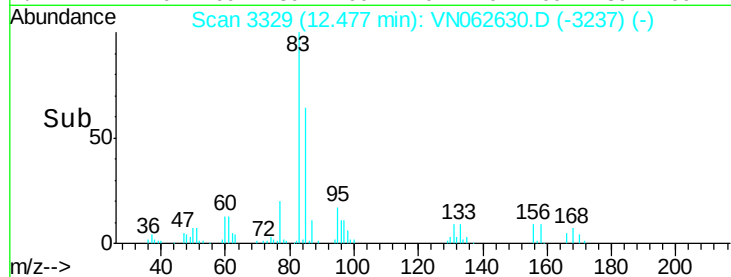
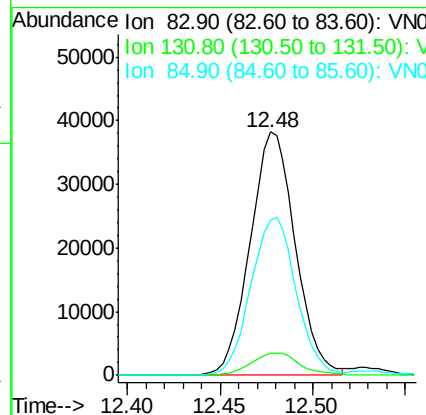
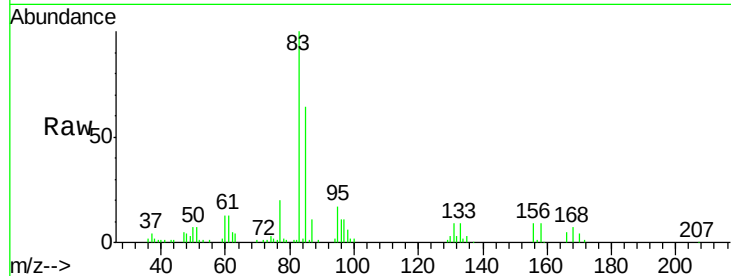
ClientSampleId :

VN0728WBS01

Tgt Ion:	83	Resp:	65085
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.8	14.3
85	65.1	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 19.465 ug/l m

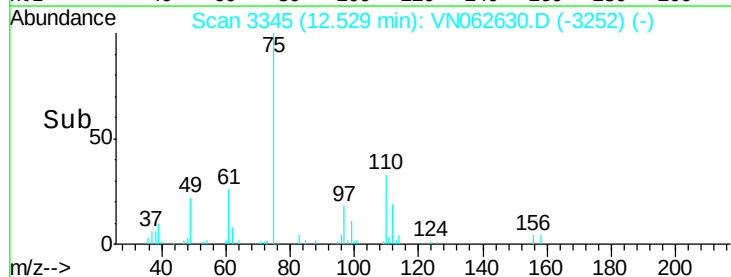
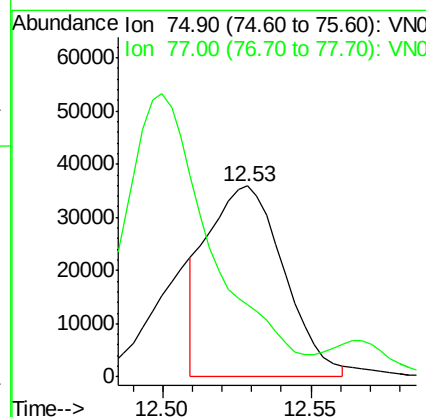
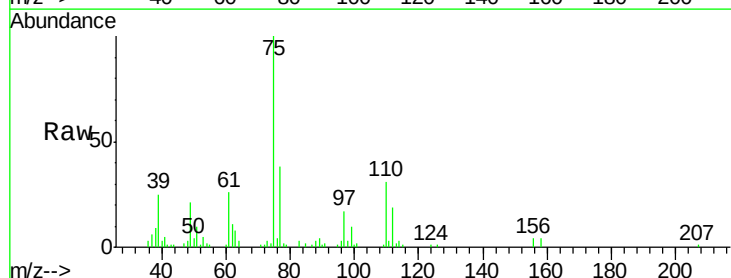
RT: 12.53 min Scan# 3345

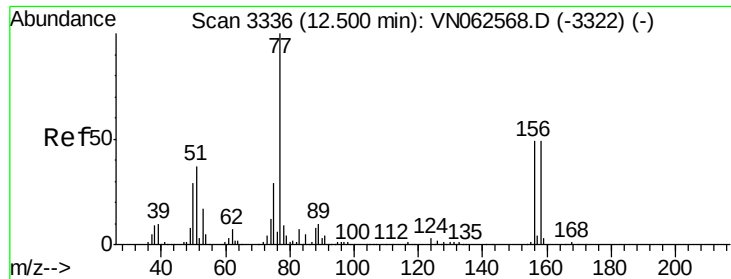
Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Tgt Ion:	75	Resp:	64061
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





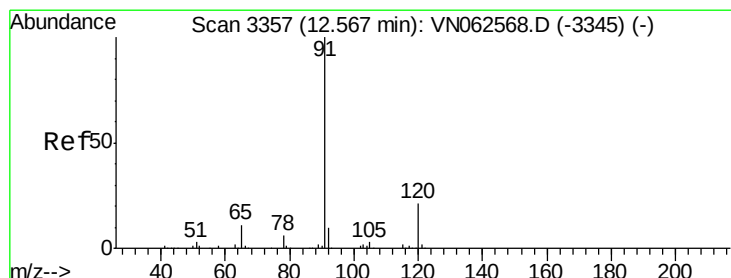
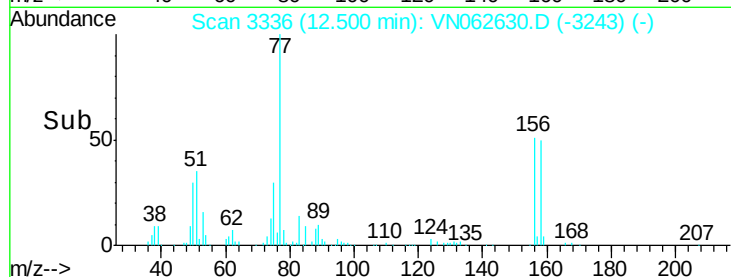
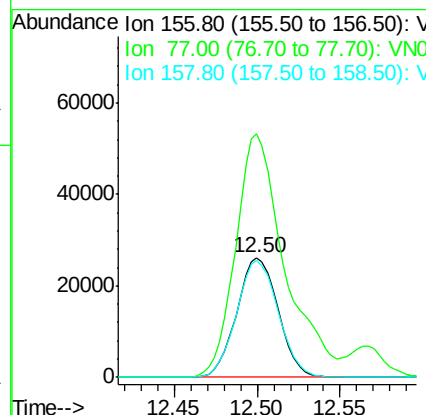
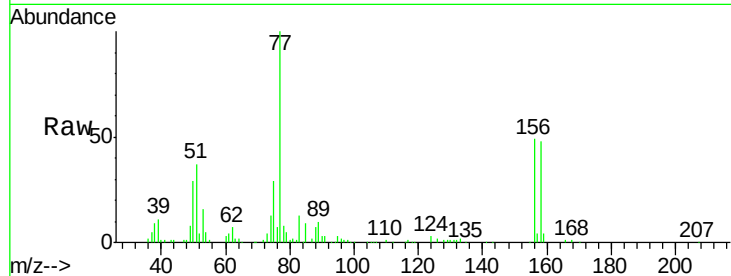
#77
Bromobenzene
Concen: 18.476 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampled :
VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	240.7	122.8	368.3
158	98.7	49.4	148.0

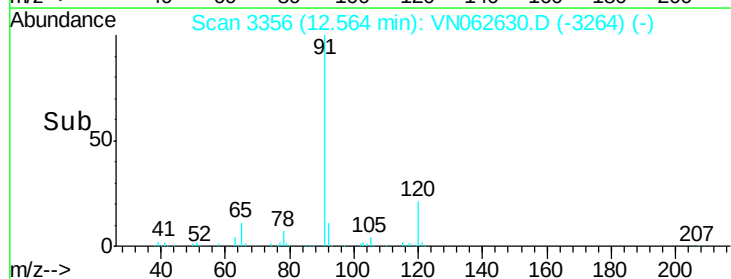
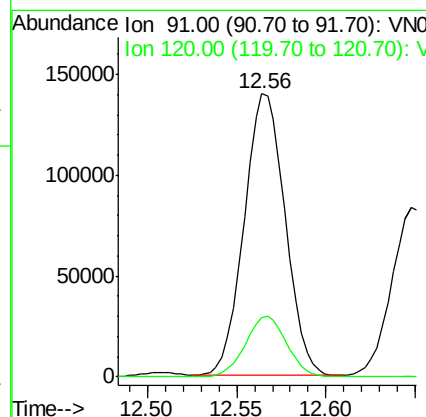
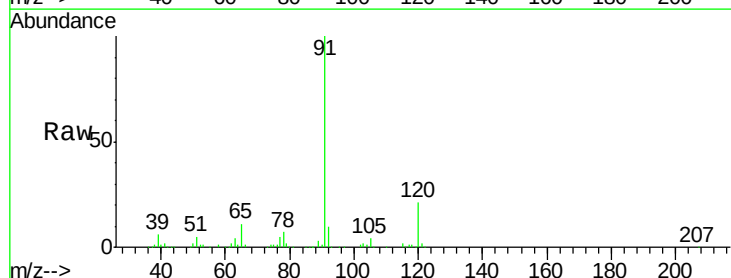
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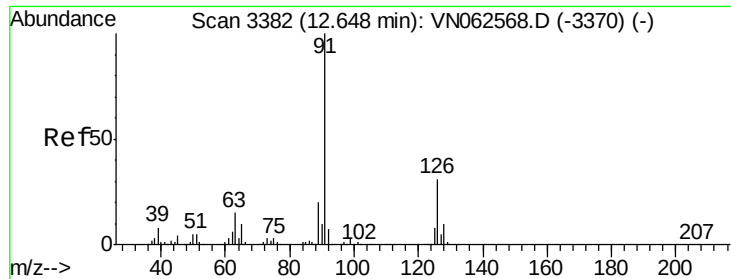
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#78
n-propylbenzene
Concen: 18.763 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.6





#79

2-Chlorotoluene

Concen: 18.696 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0728WBS01

Tgt Ion: 91 Resp: 137983

Ion Ratio Lower Upper

91 100

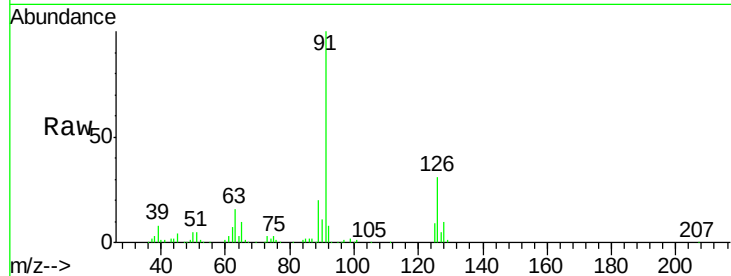
126 31.1 15.9 47.6

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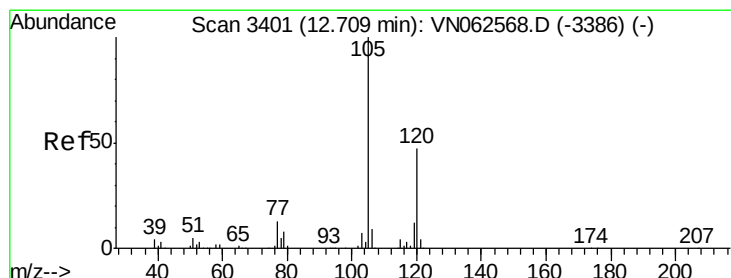
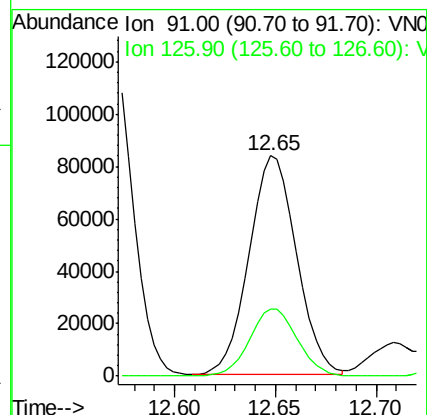
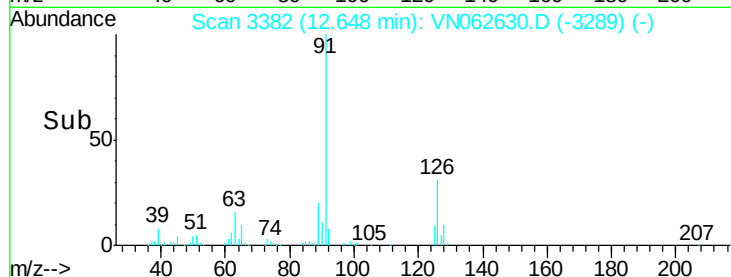
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Abundance Ion 91.00 (90.70 to 91.70): VN062630.D (-3289) (-)

Ion 125.90 (125.60 to 126.60): VN062630.D (-3289) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.080 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062630.D

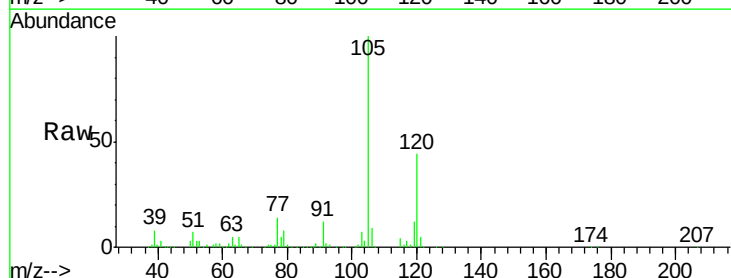
Acq: 28 Jul 2020 13:17

Tgt Ion: 105 Resp: 170289

Ion Ratio Lower Upper

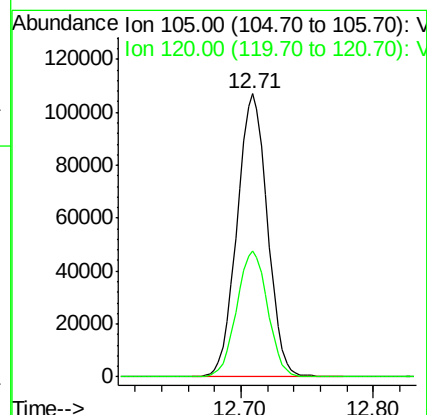
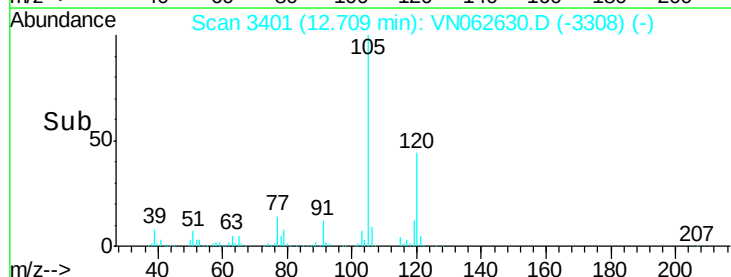
105 100

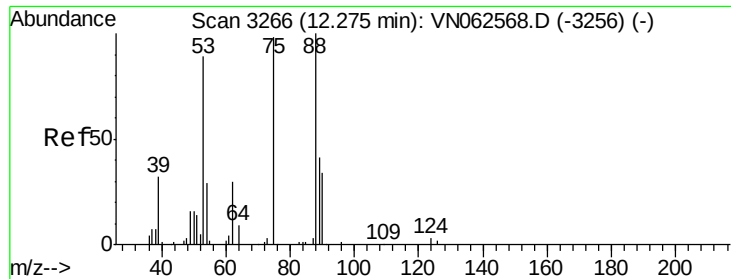
120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062630.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062630.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.904 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

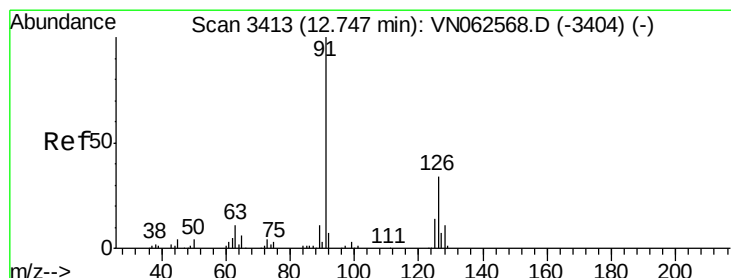
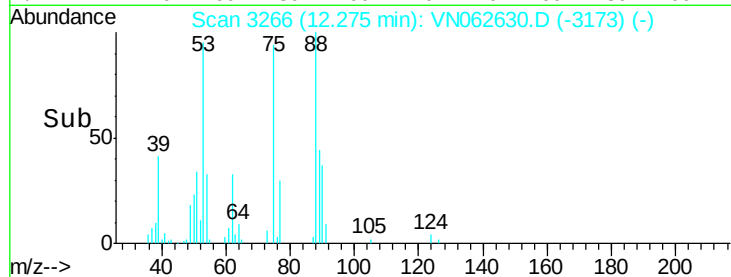
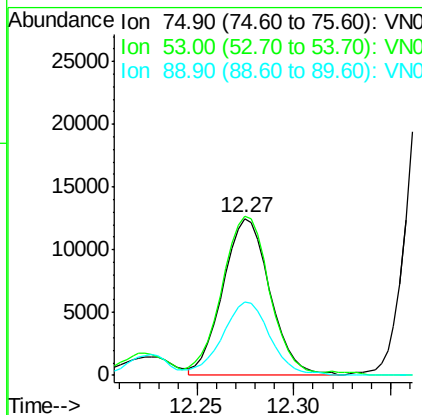
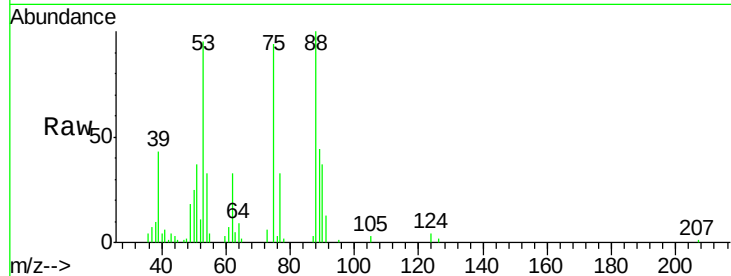
ClientSampleId :

VN0728WBS01

Tgt Ion:	75	Resp:	21167
Ion	Ratio	Lower	Upper
75	100		
53	99.2	75.4	113.0
89	47.8	34.5	51.7

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#82

4-Chlorotoluene

Concen: 18.315 ug/l

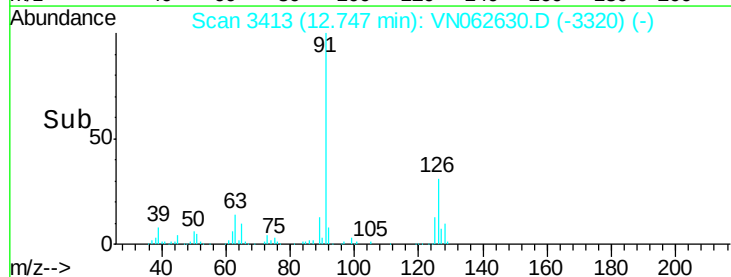
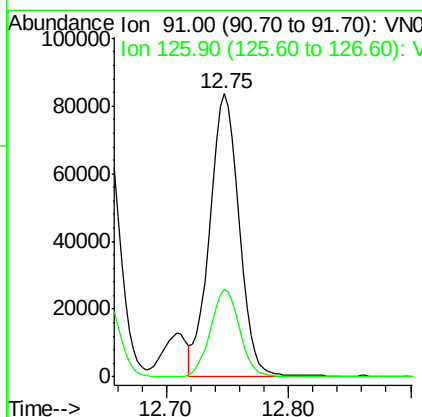
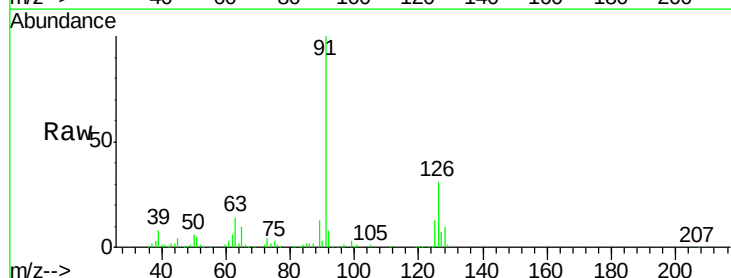
RT: 12.75 min Scan# 3413

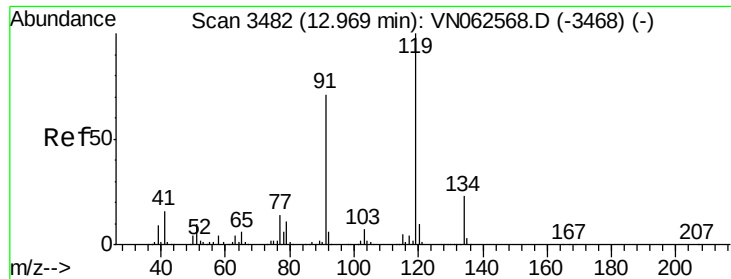
Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Tgt Ion:	91	Resp:	140694
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





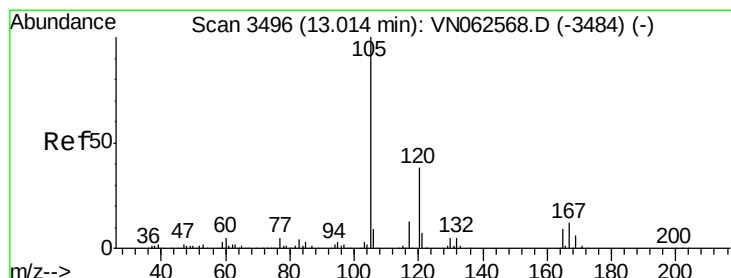
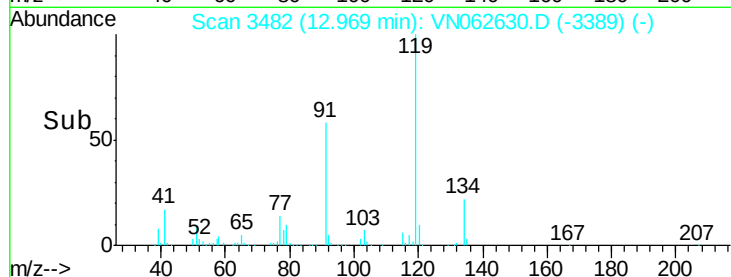
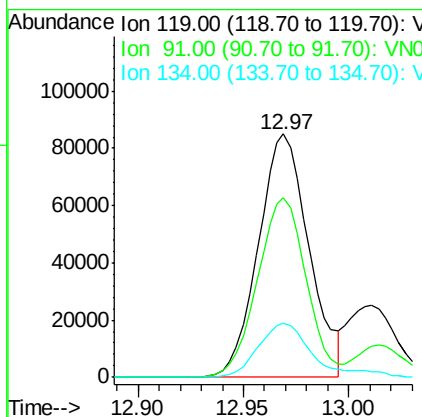
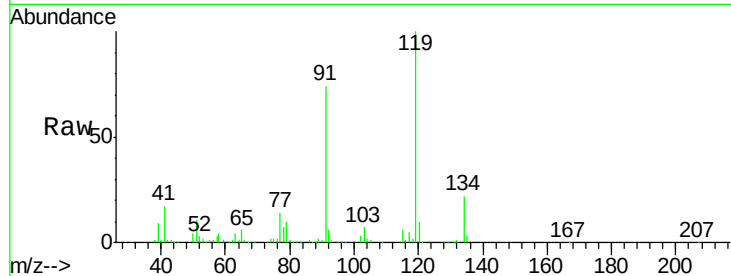
#83
 tert-Butylbenzene
 Concen: 20.140 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	71.0	34.6	103.8
134	24.1	11.5	34.4

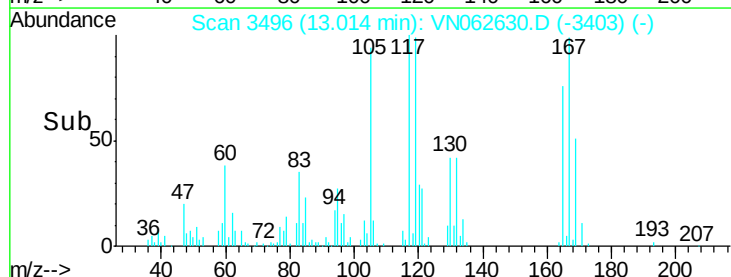
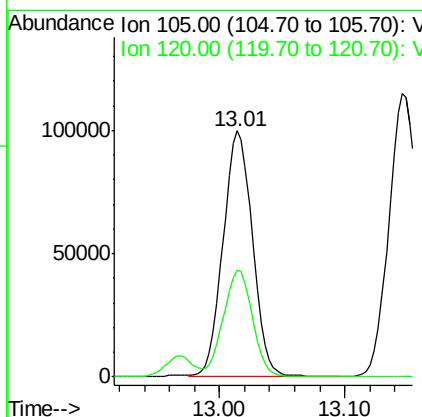
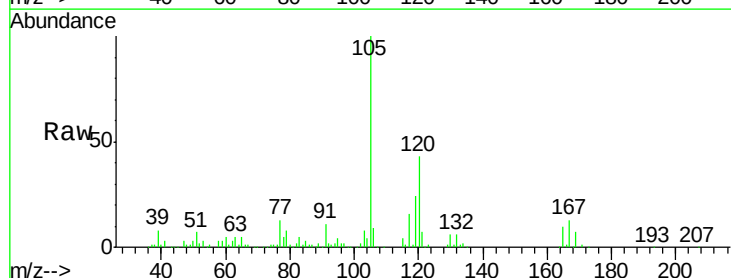
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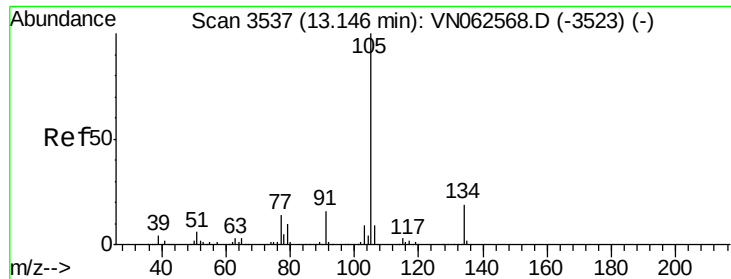
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.406 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.3





#85

sec-Butylbenzene

Concen: 19.666 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0728WBS01

Tgt Ion:105 Resp: 185401

Ion Ratio Lower Upper

105 100

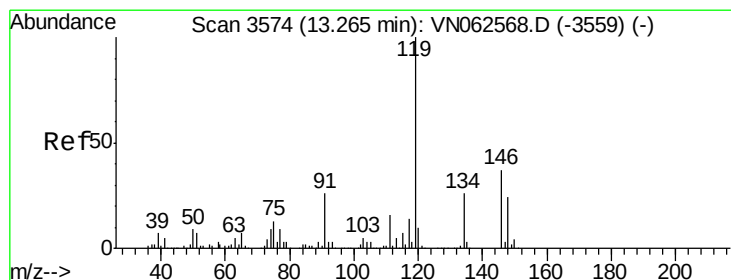
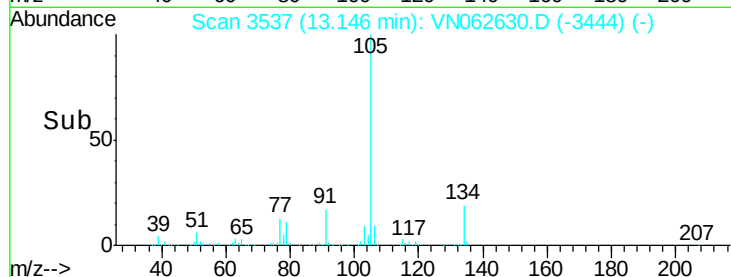
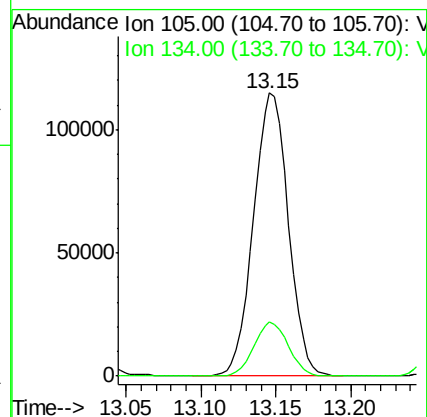
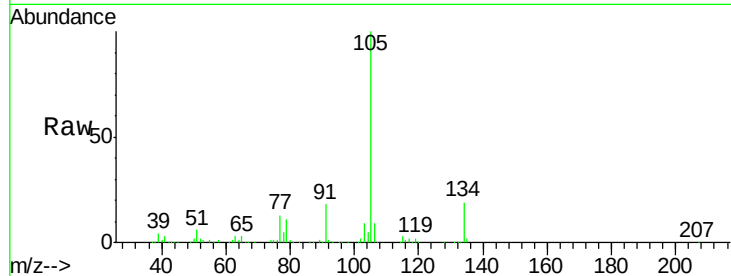
134 18.9 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.057 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

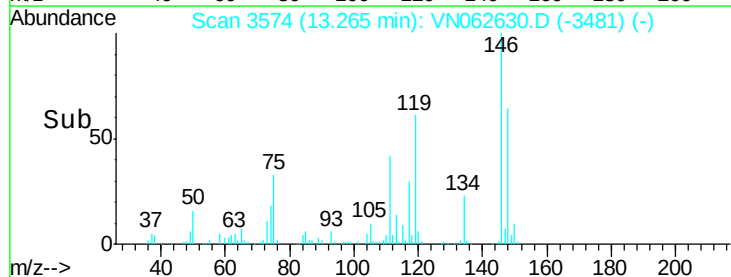
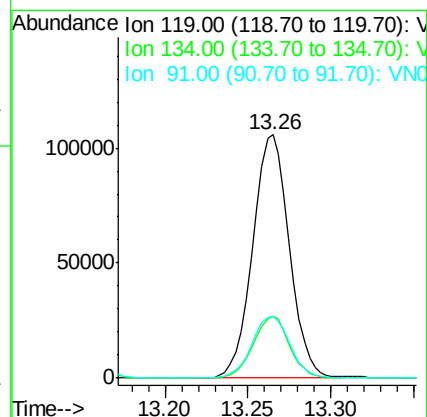
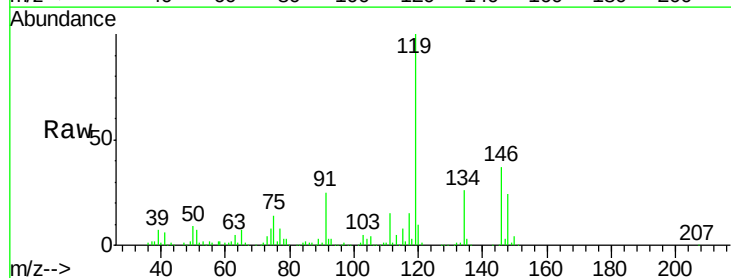
Tgt Ion:119 Resp: 162634

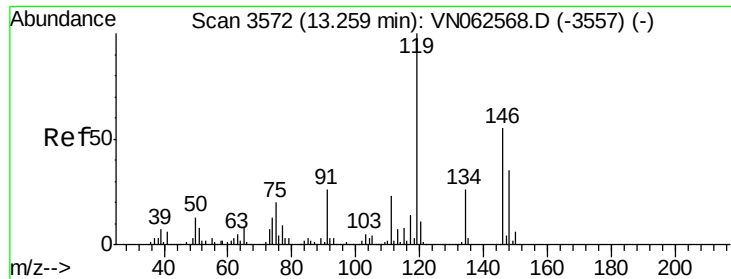
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 25.7 12.7 38.1





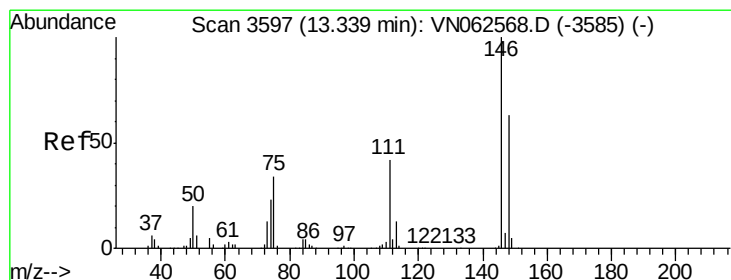
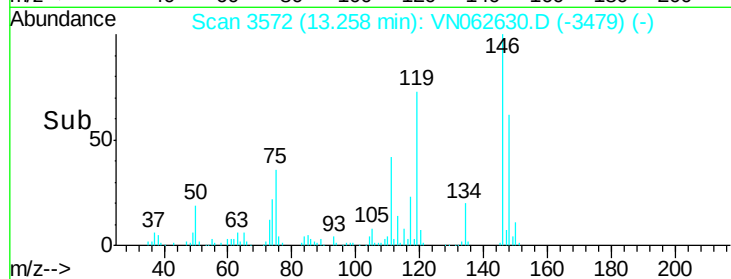
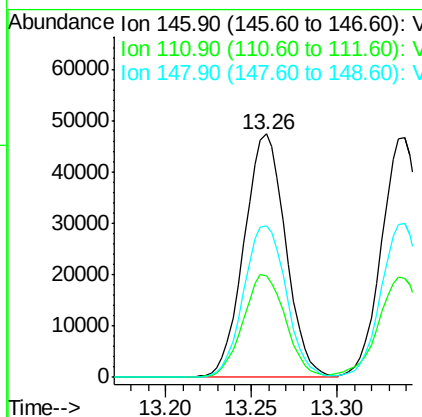
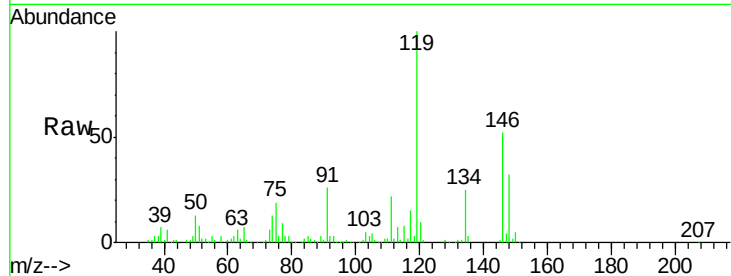
#87
 1,3-Dichlorobenzene
 Concen: 18.438 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion:146 Resp: 79496
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 63.6 31.8 95.4

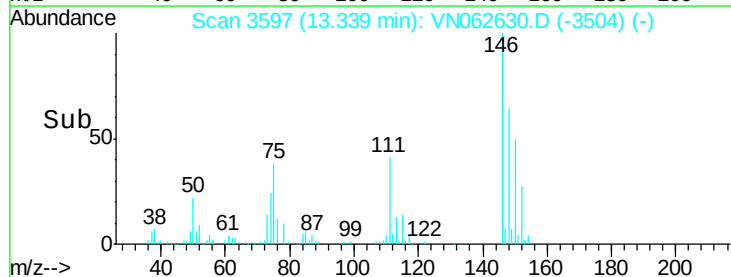
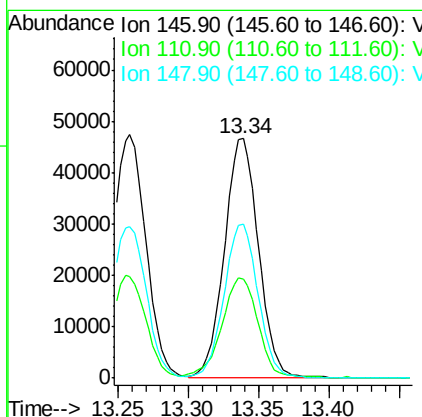
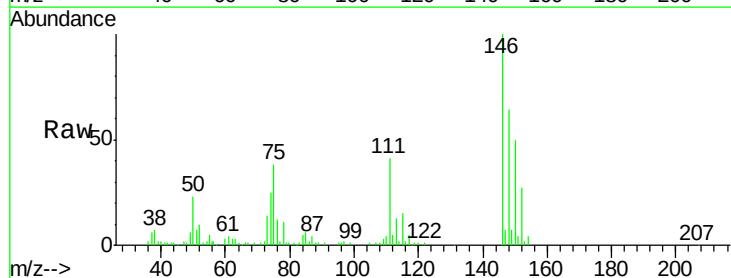
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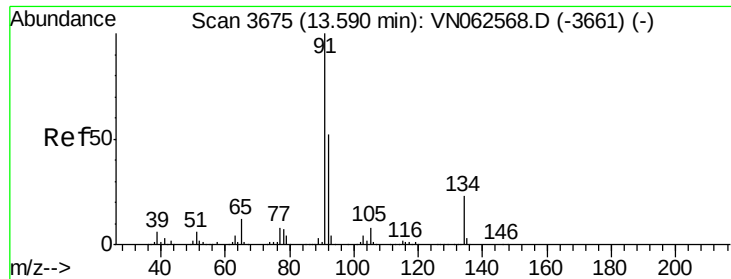
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#88
 1,4-Dichlorobenzene
 Concen: 18.607 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion:146 Resp: 78974
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.1 63.1
 148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 18.746 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

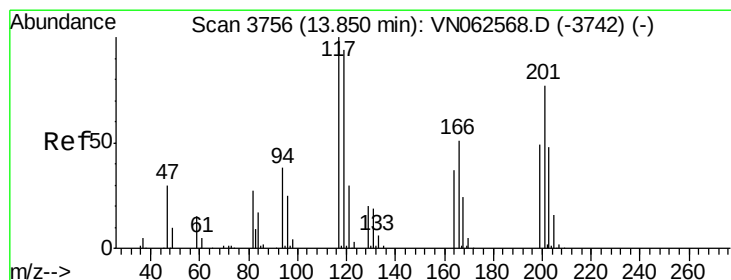
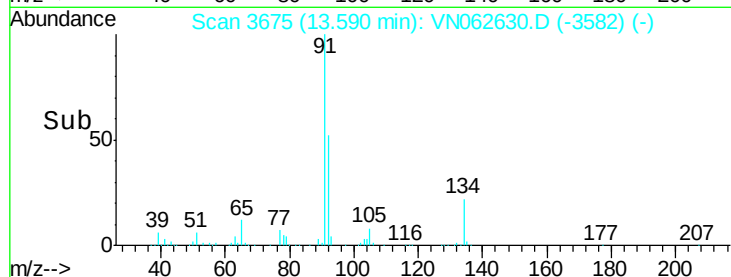
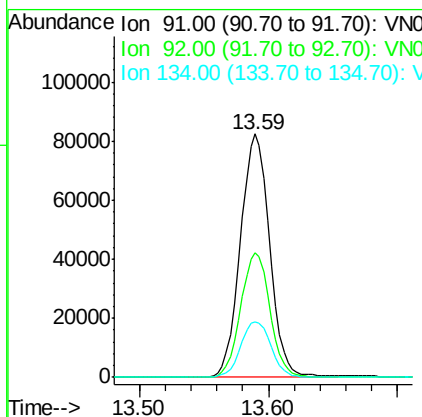
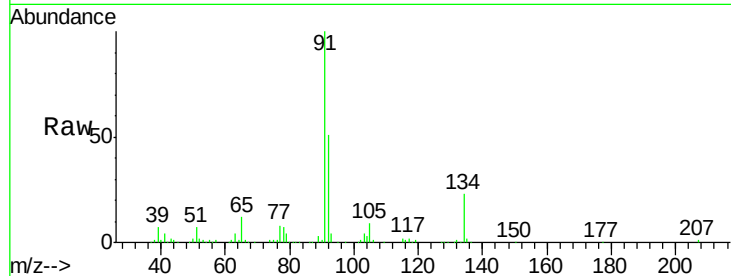
ClientSampleId :

VN0728WBS01

Tgt Ion:	91	Resp:	130606
Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.8	77.3
134	23.6	11.8	35.3

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#90

Hexachloroethane

Concen: 18.051 ug/l

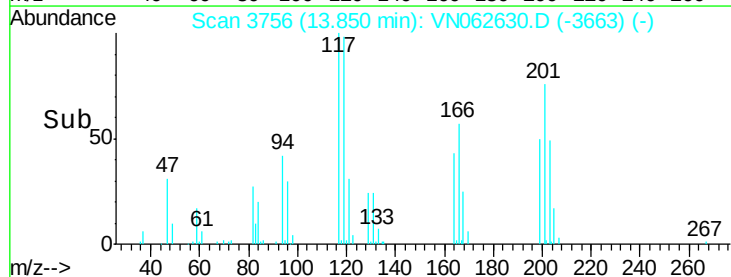
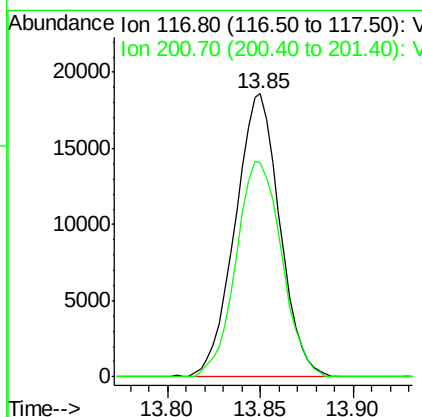
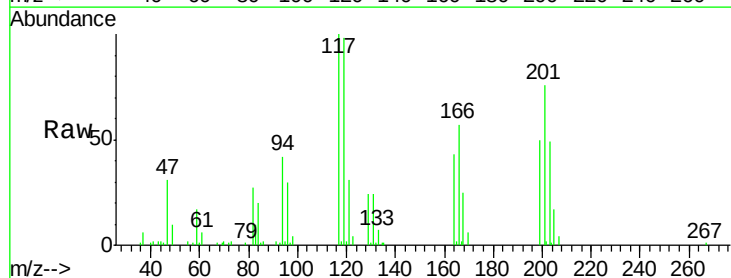
RT: 13.85 min Scan# 3756

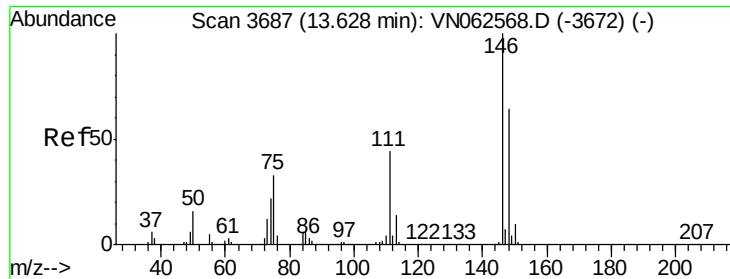
Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Tgt Ion:	117	Resp:	31158
Ion	Ratio	Lower	Upper
117	100		
201	78.0	39.2	117.6





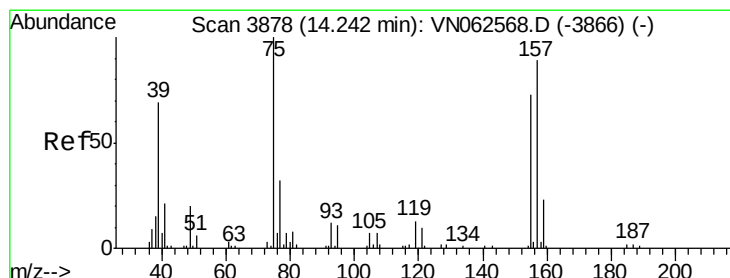
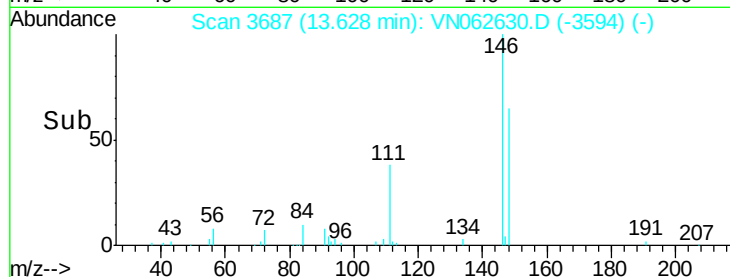
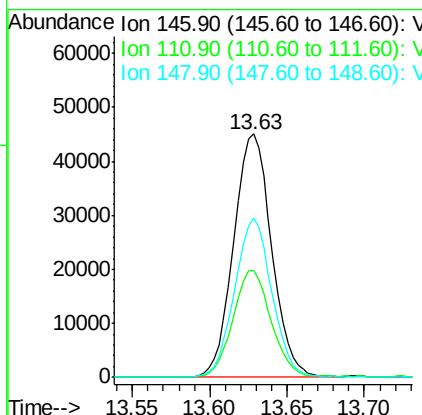
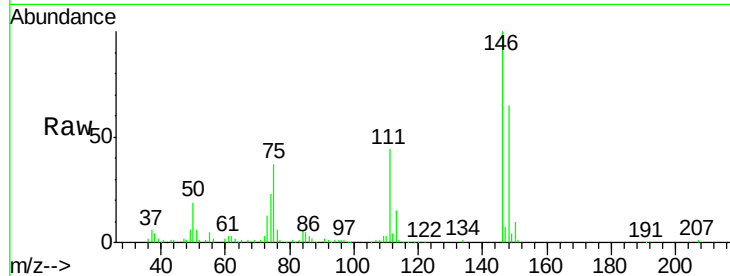
#91
 1,2-Dichlorobenzene
 Concen: 18.679 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.8
148	63.8	31.6	94.7

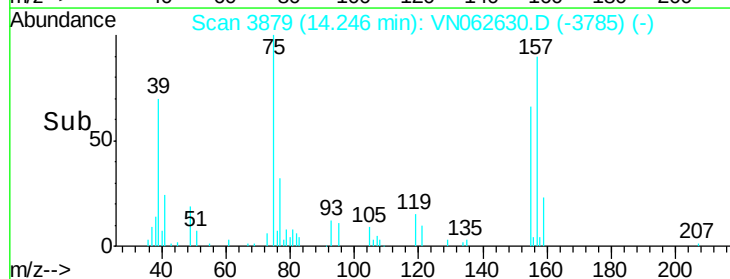
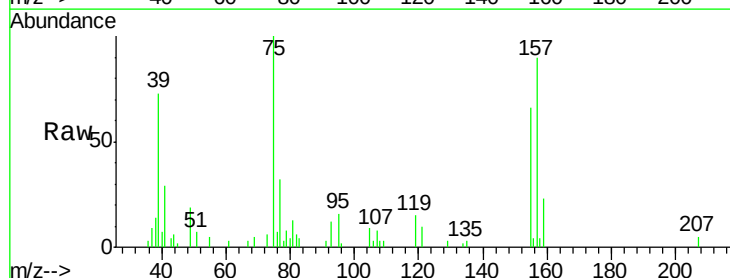
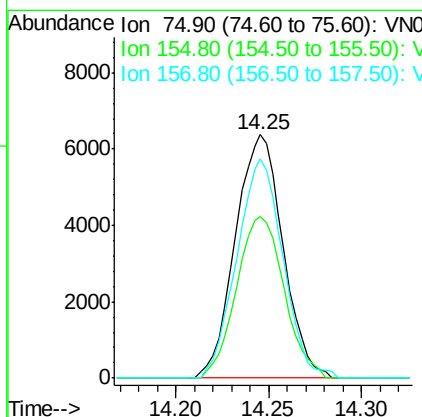
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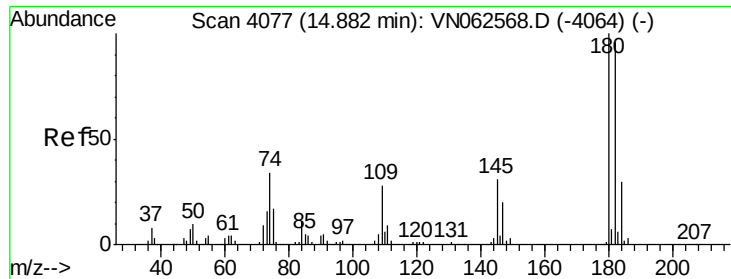
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.671 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.4	35.9	107.5
157	87.2	45.0	135.0





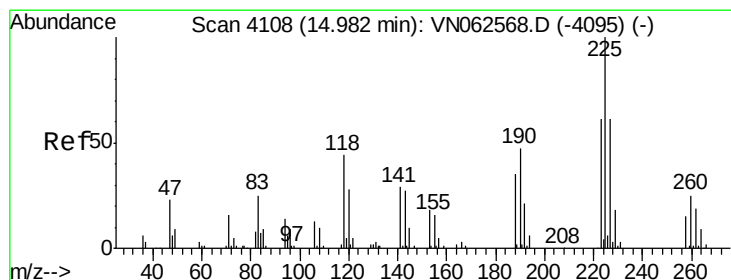
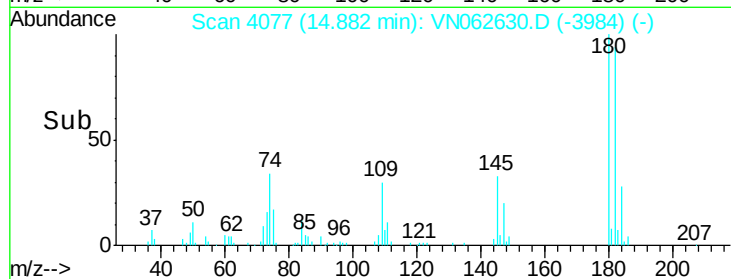
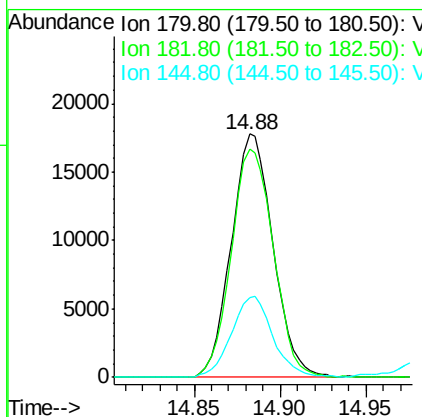
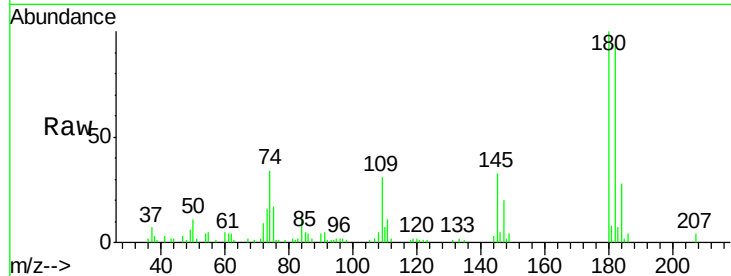
#93
 1,2,4-Trichlorobenzene
 Concen: 16.049 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	29918		
182	94.7	47.8	143.3	
145	33.2	15.3	45.9	

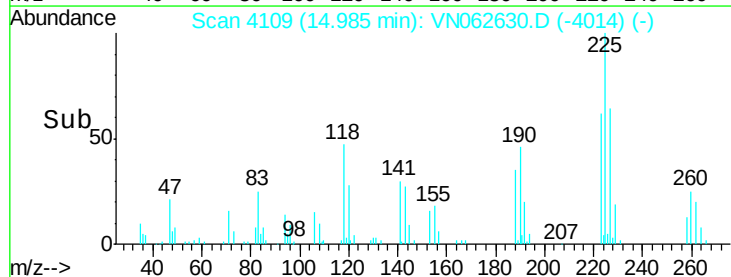
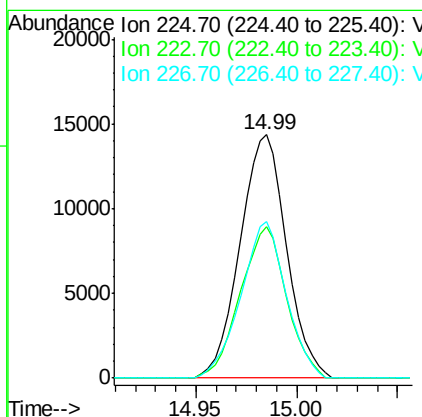
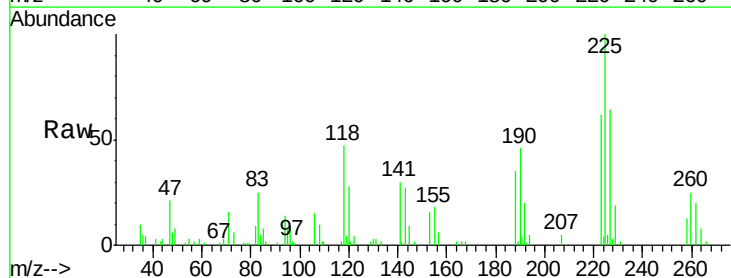
Manual Integrations
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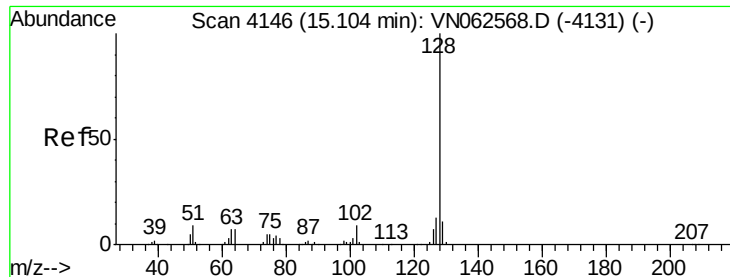
MMDadoda
 7/29/2020 7:06:21 PM



#94
 Hexachlorobutadiene
 Concen: 20.500 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23150		
223	61.8	32.0	96.0	
227	62.6	31.1	93.2	





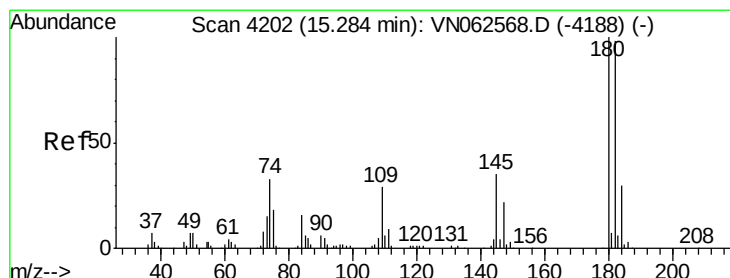
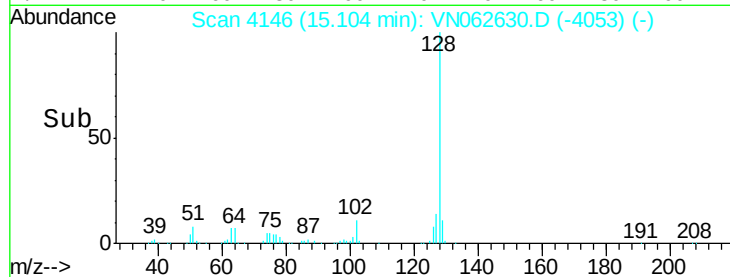
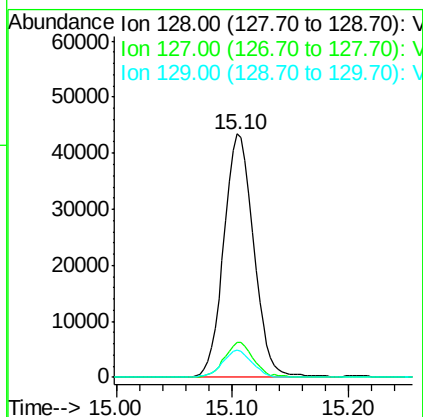
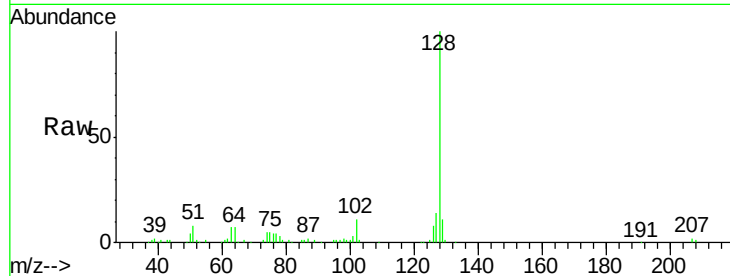
#95
Naphthalene
Concen: 16.226 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.8	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 15.693 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.3
145	35.5	16.7	50.1

