

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062260.D
 Acq On : 1 Jul 2020 00:41
 Operator : JC/MD
 Sample : VN0630WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 11:04:18 AM

Quant Time: Jul 01 05:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	159368	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.55	113	125481	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	10.06	98	485107	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.38	95	159034	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42097	17.027	ug/l	95
3) Chloromethane	2.03	50	56997	18.746	ug/l	99
4) Vinyl Chloride	2.16	62	66566	17.097	ug/l	100
5) Bromomethane	2.53	94	43107	17.131	ug/l	99
6) Chloroethane	2.67	64	46678	17.550	ug/l	98
7) Trichlorofluoromethane	2.98	101	82078	17.108	ug/l	97
8) Diethyl Ether	3.37	74	32521	19.413	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46086	18.344	ug/l	96
10) Methyl Iodide	3.91	142	47781	16.887	ug/l	99
11) Tert butyl alcohol	4.74	59	46027	104.438	ug/l #	85
12) 1,1-Dichloroethene	3.70	96	46057	18.338	ug/l	100
13) Acrolein	3.57	56	43836	101.594	ug/l	95
14) Allyl chloride	4.28	41	69298	20.266	ug/l	97
15) Acrylonitrile	4.93	53	123998	103.250	ug/l	99
16) Acetone	3.78	43	101471	102.935	ug/l	97
17) Carbon Disulfide	4.01	76	128250	17.861	ug/l	98
18) Methyl Acetate	4.28	43	51741	21.205	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	158395	19.737	ug/l	97
20) Methylene Chloride	4.50	84	58518	20.640	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	50814	17.760	ug/l	97
22) Diisopropyl ether	5.90	45	158691	20.382	ug/l	94
23) Vinyl Acetate	5.84	43	635320	99.947	ug/l	98
24) 1,1-Dichloroethane	5.80	63	97769	19.501	ug/l	99
25) 2-Butanone	6.79	43	153914	102.587	ug/l	97
26) 2,2-Dichloropropane	6.78	77	67832	16.236	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	59250	18.403	ug/l	97
28) Bromochloromethane	7.15	49	44853	20.620	ug/l	92
29) Tetrahydrofuran	7.17	42	104369	106.197	ug/l	98
30) Chloroform	7.33	83	98010	19.214	ug/l	98
31) Cyclohexane	7.61	56	79539	18.756	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	79965	18.589	ug/l	97
36) 1,1-Dichloropropene	7.75	75	70349	17.117	ug/l	98
37) Ethyl Acetate	6.89	43	67279	19.769	ug/l	99
38) Carbon Tetrachloride	7.73	117	65336	16.862	ug/l	97

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

39) Methylcyclohexane	9.05	83	75732	16.817	ug/l	96
40) Benzene	8.00	78	223961	17.878	ug/l	100
41) Methacrylonitrile	7.12	41	24922	15.796	ug/l #	82
42) 1,2-Dichloroethane	8.09	62	76983	18.189	ug/l	99
43) Isopropyl Acetate	8.13	43	105332	18.986	ug/l	98
44) Trichloroethene	8.80	130	52342	16.564	ug/l	98
45) 1,2-Dichloropropane	9.08	63	58119	18.806	ug/l	99
46) Dibromomethane	9.17	93	37013	17.664	ug/l	97
47) Bromodichloromethane	9.37	83	76624	18.111	ug/l	97
48) Methyl methacrylate	9.17	41	47457	19.078	ug/l	96
49) 1,4-Dioxane	9.17	88	19286	349.615	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	329143	101.544	ug/l	98
52) Toluene	10.12	92	135817	17.769	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	80011	17.189	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	88141	17.786	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	55199	18.372	ug/l	99
56) Ethyl methacrylate	10.40	69	74531	18.588	ug/l	98
57) 1,3-Dichloropropane	10.68	76	95229	18.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	134728	89.940	ug/l	98
59) 2-Hexanone	10.72	43	234265	100.088	ug/l	98
60) Dibromochloromethane	10.87	129	55723	17.518	ug/l	98
61) 1,2-Dibromoethane	10.98	107	53278	17.258	ug/l	96
64) Tetrachloroethene	10.60	164	41499	15.984	ug/l	94
65) Chlorobenzene	11.41	112	141467	16.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	50293	17.425	ug/l	98
67) Ethyl Benzene	11.48	91	248391	17.621	ug/l	98
68) m/p-Xylenes	11.59	106	186718	34.246	ug/l	97
69) o-Xylene	11.92	106	88912	17.284	ug/l	98
70) Styrene	11.94	104	149336	17.406	ug/l	100
71) Bromoform	12.10	173	32486	15.831	ug/l #	99
73) Isopropylbenzene	12.22	105	237996	18.821	ug/l	99
74) N-amyl acetate	12.05	43	84140	20.210	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	82510	19.608	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	67779m	17.625	ug/l	
77) Bromobenzene	12.50	156	54955	17.505	ug/l	90
78) n-propylbenzene	12.57	91	270438	18.697	ug/l	99
79) 2-Chlorotoluene	12.65	91	162820	18.620	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	190973	18.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	22552	17.126	ug/l	93
82) 4-Chlorotoluene	12.75	91	167082	18.477	ug/l	97
83) tert-Butylbenzene	12.97	119	162986	18.579	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	189788	18.537	ug/l	99
85) sec-Butylbenzene	13.15	105	221881	19.141	ug/l	99
86) p-Isopropyltoluene	13.26	119	186113	18.325	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	95509	17.325	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	95404	16.789	ug/l	98
89) n-Butylbenzene	13.59	91	148839	17.627	ug/l	98
90) Hexachloroethane	13.85	117	36204	18.169	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	94298	17.640	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13649	20.248	ug/l	91

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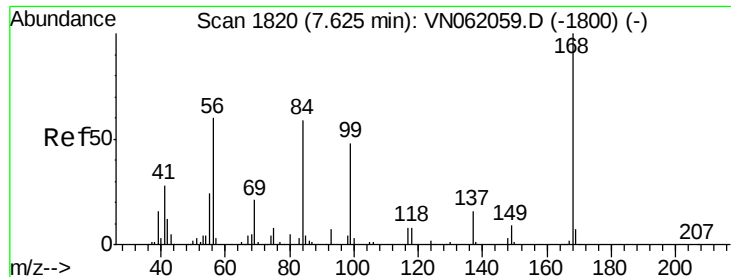
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	38645	16.548	ug/l	98
94) Hexachlorobutadiene	14.98	225	18300	18.042	ug/l	97
95) Naphthalene	15.10	128	112011	17.231	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	40981	17.162	ug/l	99

(#) = 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: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleID :

VN0630WBSD02

Tot Ion:168 Resp: 218728

Ion Ratio Lower Upper

168 100

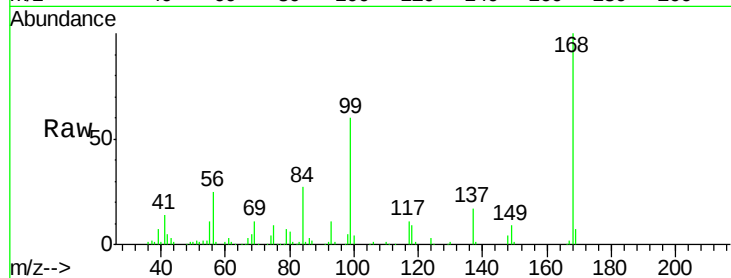
99 60.0 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

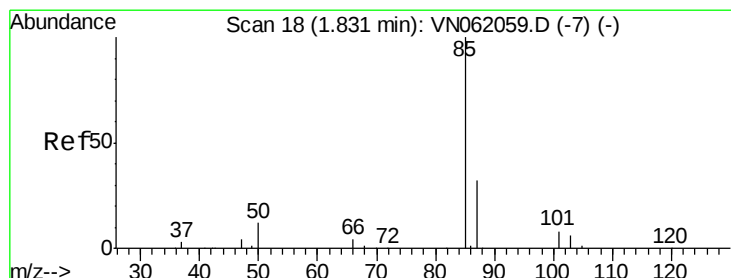
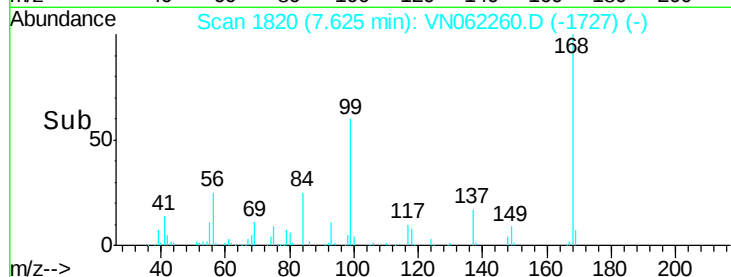
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.027 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062260.D

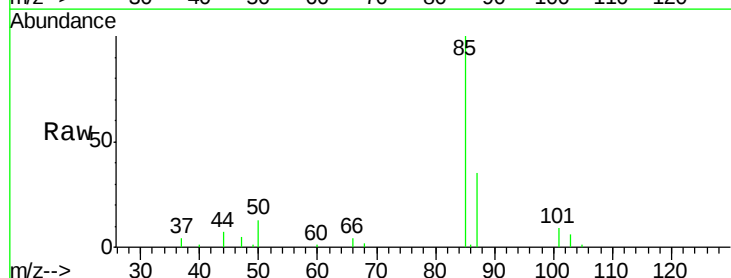
Acq: 1 Jul 2020 00:41

Tgt Ion: 85 Resp: 42097

Ion Ratio Lower Upper

85 100

87 34.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

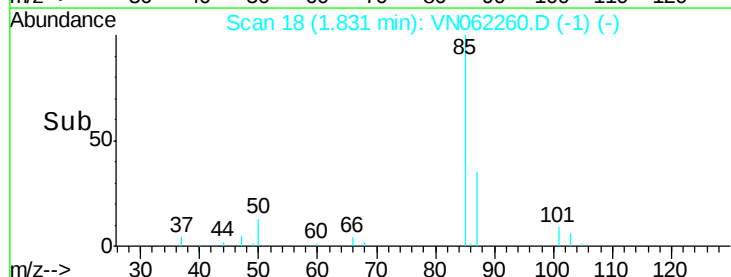
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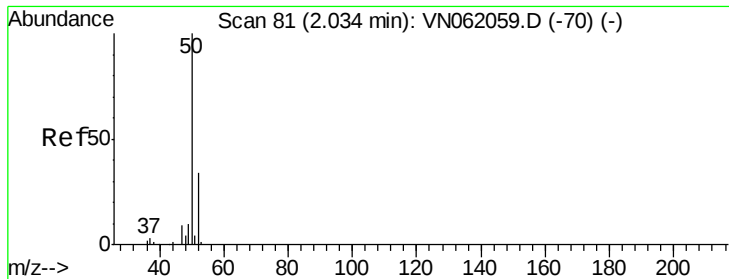
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.746 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

Tot Ion: 50 Resp: 56997

Ion Ratio Lower Upper

50 100

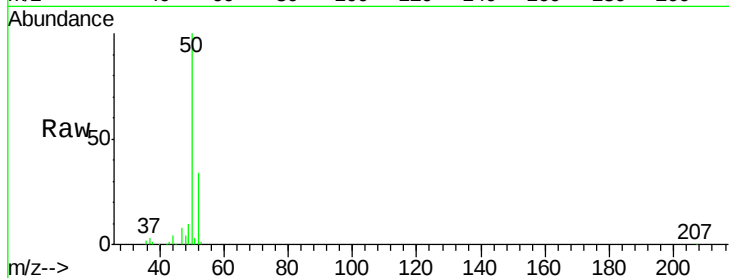
52 34.3 27.0 40.6

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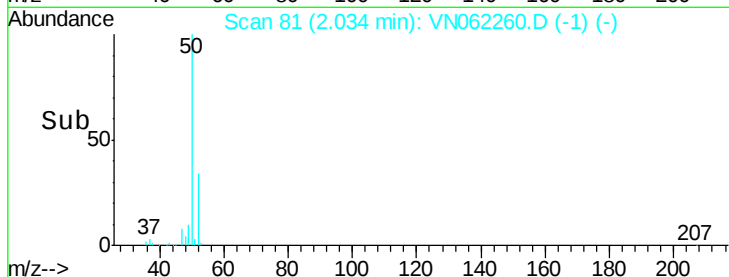


Abundance Ion 49.90 (49.60 to 50.60): VN062260.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062260.D (-1) (-)

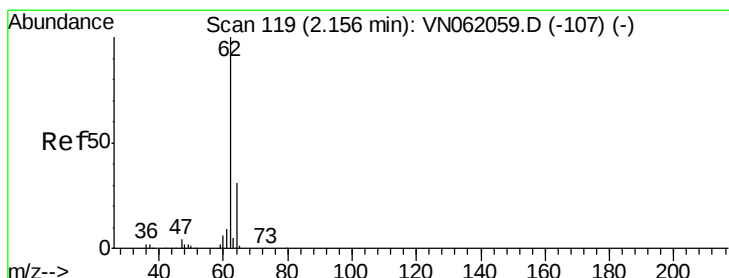
2.03

Time-->



2.03

Time-->



#4

Vinyl Chloride

Concen: 17.097 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062260.D

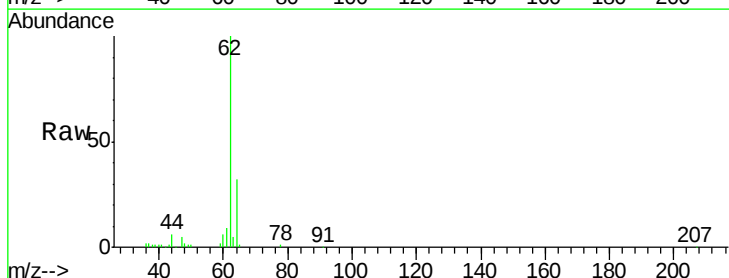
Acq: 1 Jul 2020 00:41

Tgt Ion: 62 Resp: 66566

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7

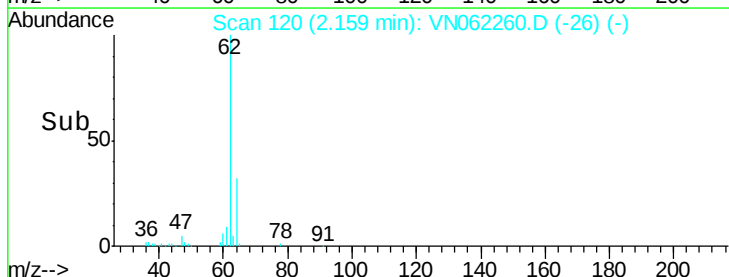


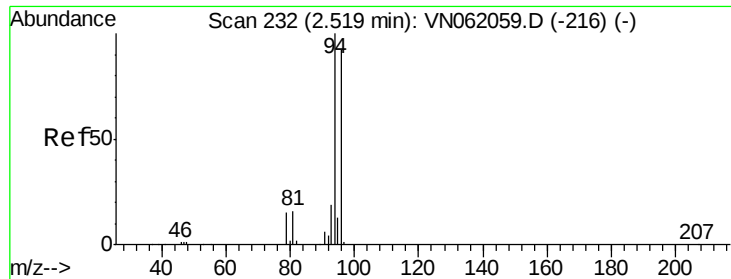
Abundance Ion 61.90 (61.60 to 62.60): VN062260.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN062260.D (-26) (-)

2.16

Time-->





#5

Bromomethane

Concen: 17.131 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

Tot Ion: 94 Resp: 43107

Ion Ratio Lower Upper

94 100

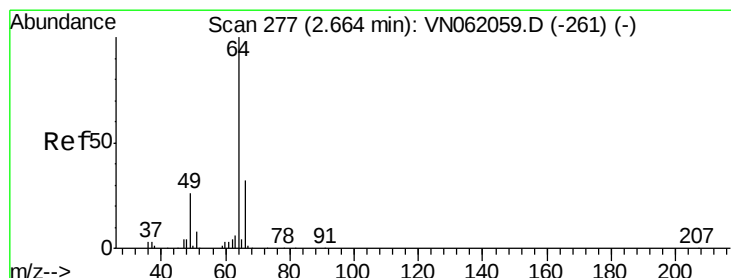
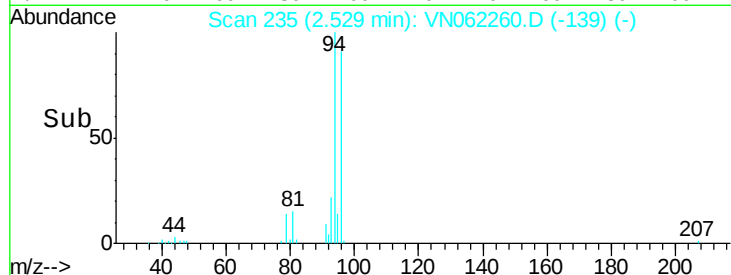
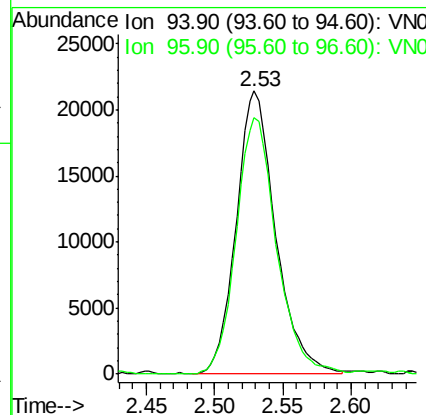
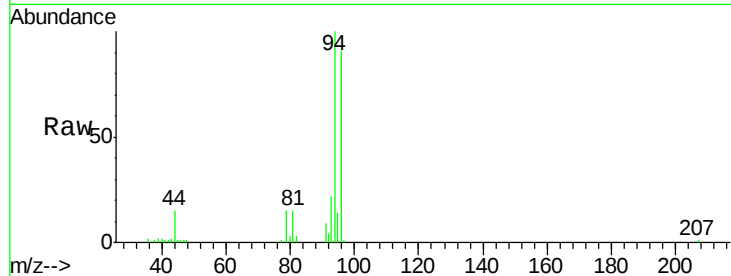
96 90.8 73.4 110.2

Manual Integrations

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7/1/2020 11:04:18 AM



#6

Chloroethane

Concen: 17.550 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062260.D

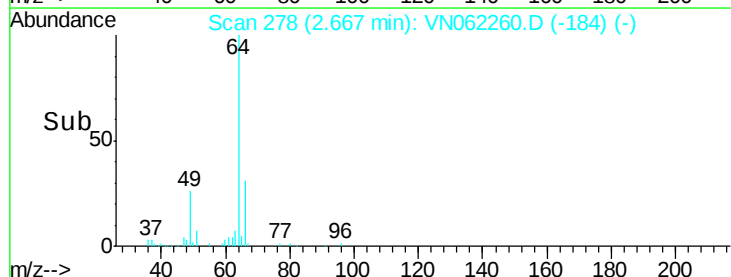
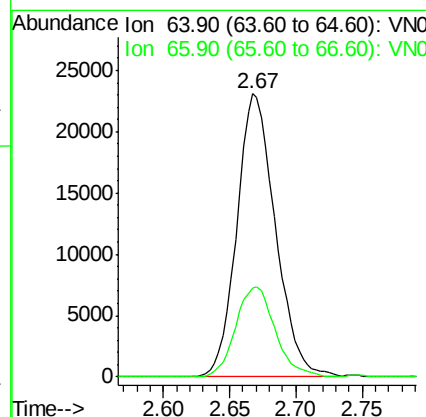
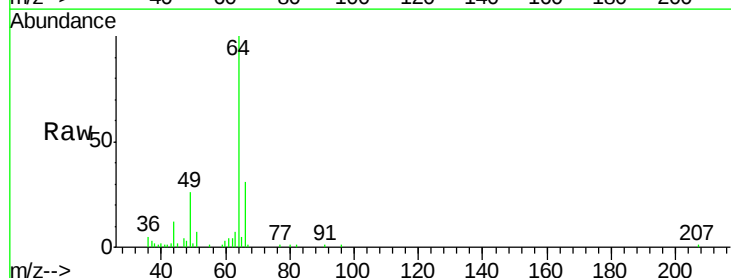
Acq: 1 Jul 2020 00:41

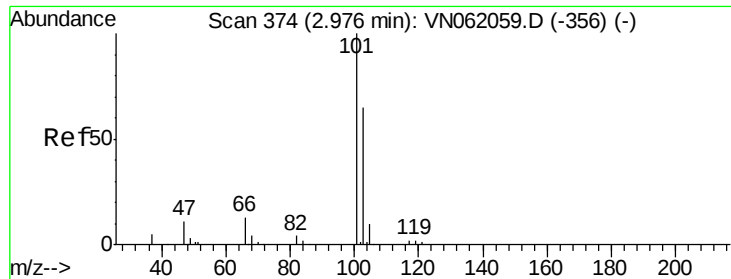
Tgt Ion: 64 Resp: 46678

Ion Ratio Lower Upper

64 100

66 31.3 25.8 38.6





#7

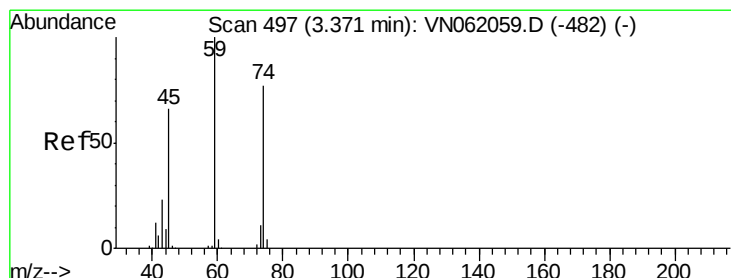
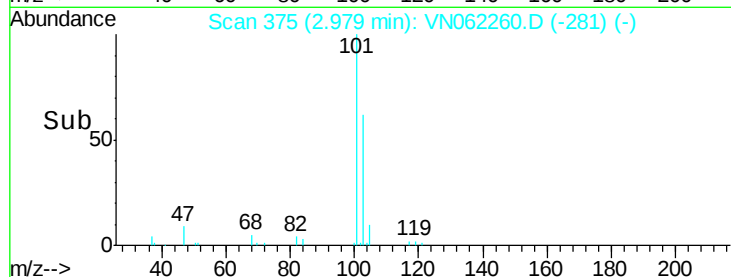
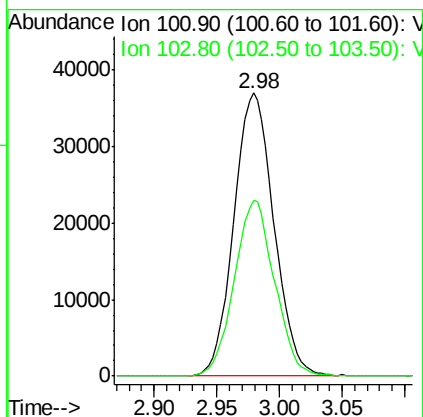
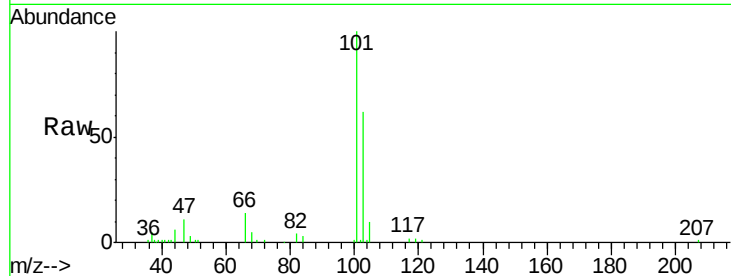
Trichlorofluoromethane
Concen: 17.108 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion:101 Resp: 82078
Ion Ratio Lower Upper
101 100
103 62.2 51.8 77.6

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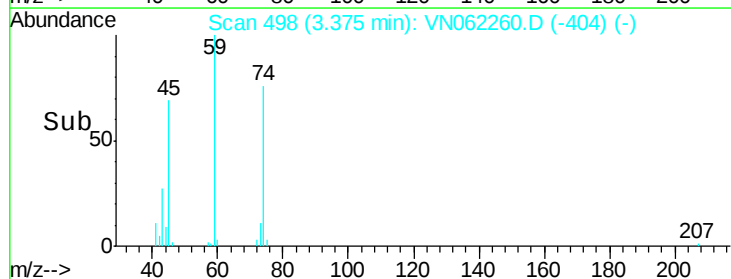
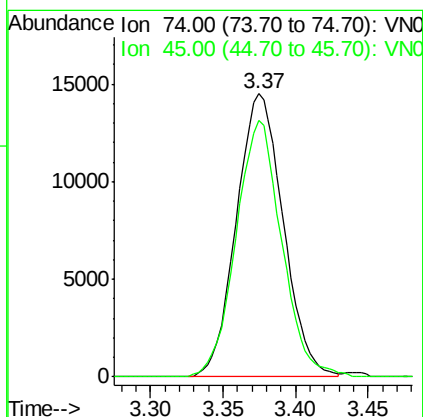
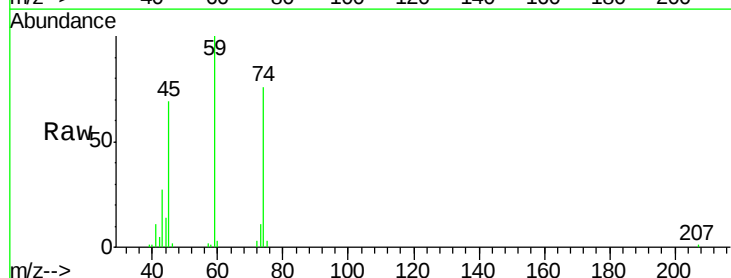
MMDadoda
7/1/2020 11:04:18 AM

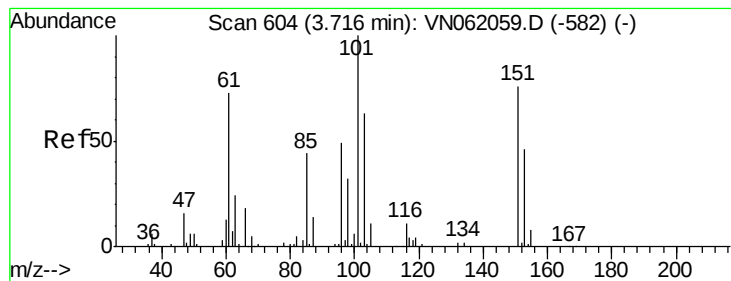


#8

Diethyl Ether
Concen: 19.413 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 74 Resp: 32521
Ion Ratio Lower Upper
74 100
45 88.4 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.344 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

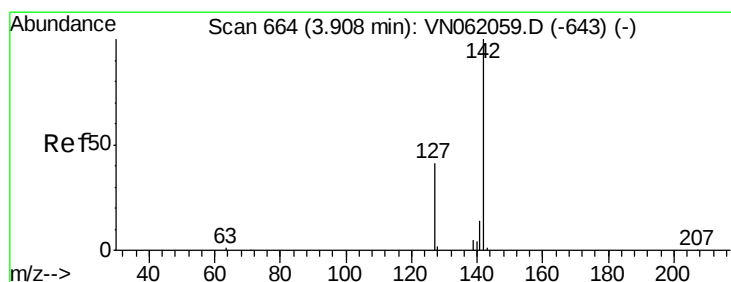
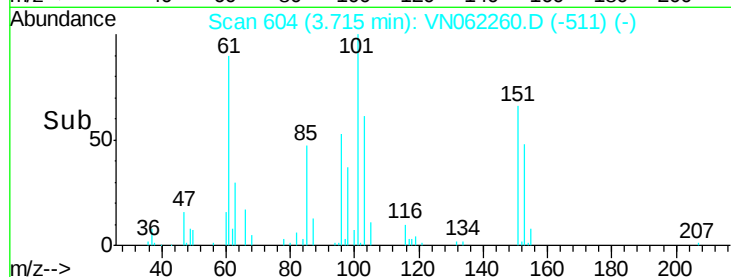
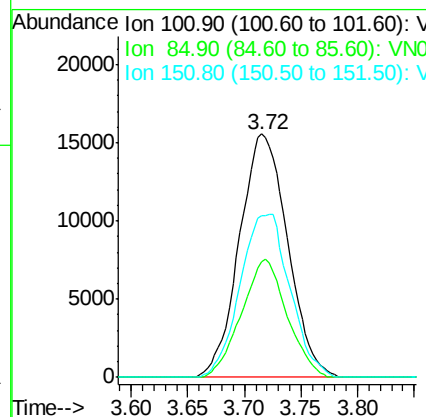
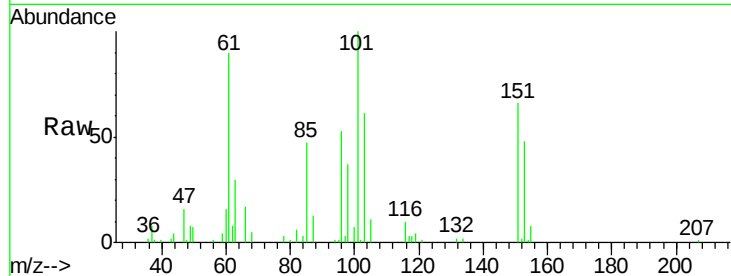
ClientSampleId :

VN0630WBSD02

Tot Ion:	101	Resp:	46086
Ion Ratio	Lower	Upper	
101	100		
85	45.8	34.5	51.7
151	69.2	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 16.887 ug/l

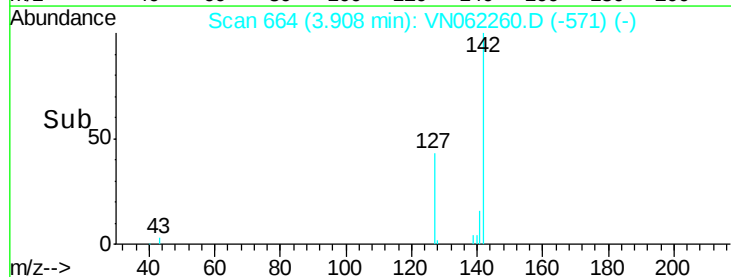
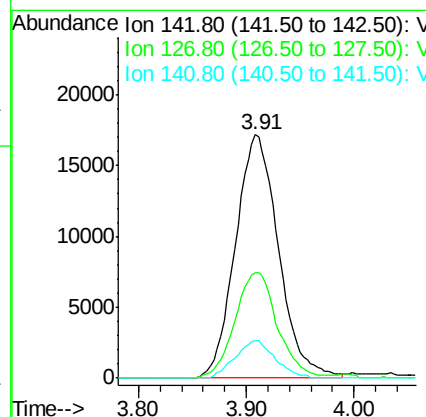
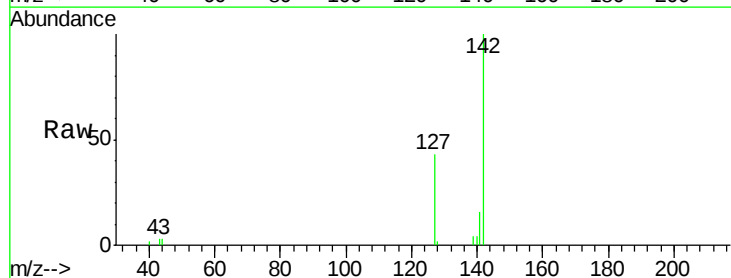
RT: 3.91 min Scan# 664

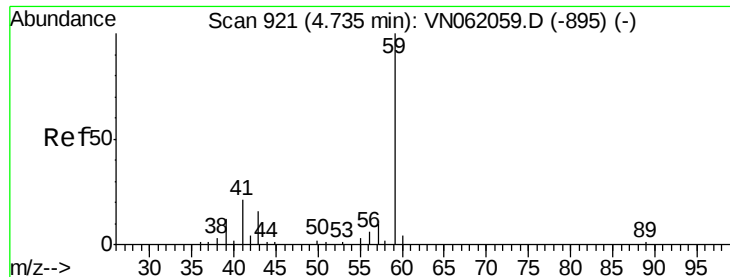
Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion:	142	Resp:	47781
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.6	50.4
141	14.3	11.3	16.9





#11

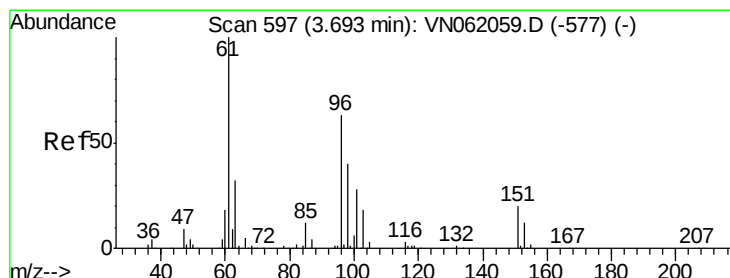
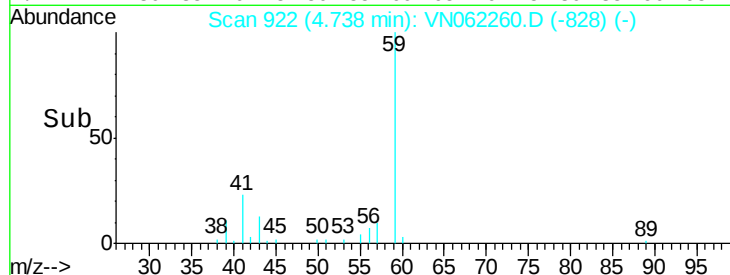
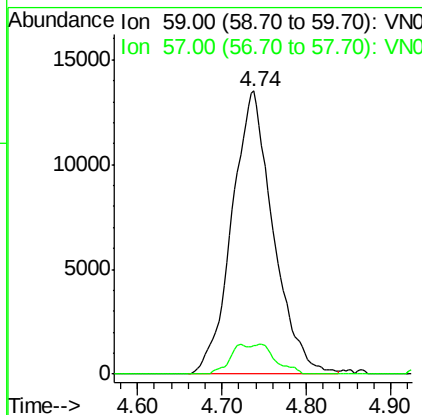
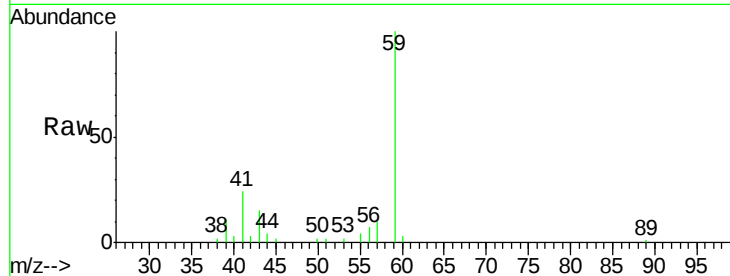
Tert butyl alcohol
Concen: 104.438 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	59	57	Ratio	100	4.7	Resp:	46027	Lower	Upper
59	100								
57		4.7				8.3	12.5#		

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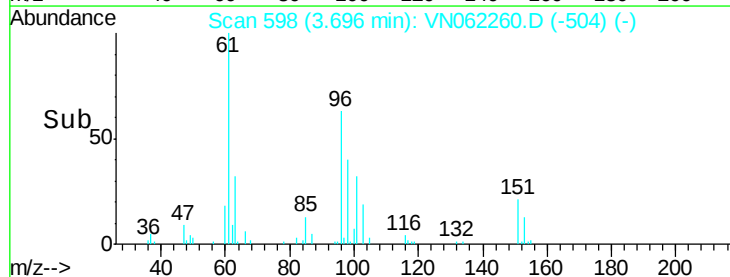
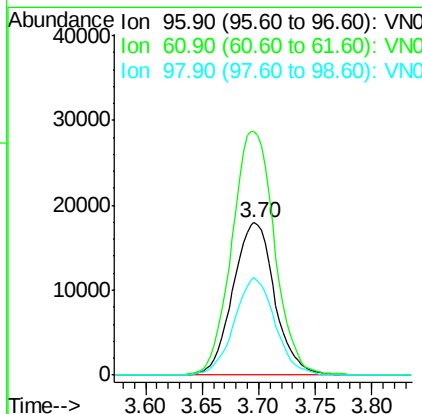
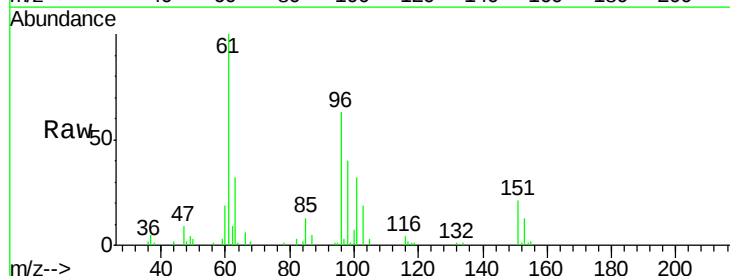
MMDadoda
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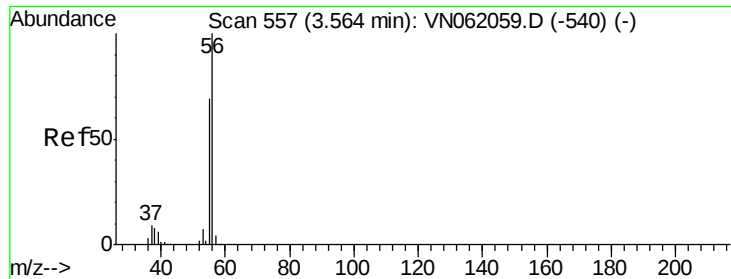


#12

1,1-Dichloroethene
Concen: 18.338 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	96	61	98	Ratio	100	158.6	64.1	Resp:	46057	Lower	Upper
96	100										
61		158.6				126.7	190.1				
98		64.1				51.0	76.4				





#13

Acrolein

Concen: 101.594 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

Tot Ion: 56 Resp: 43836

Ion Ratio Lower Upper

56 100

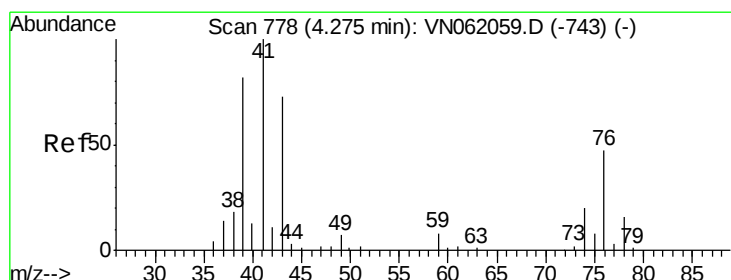
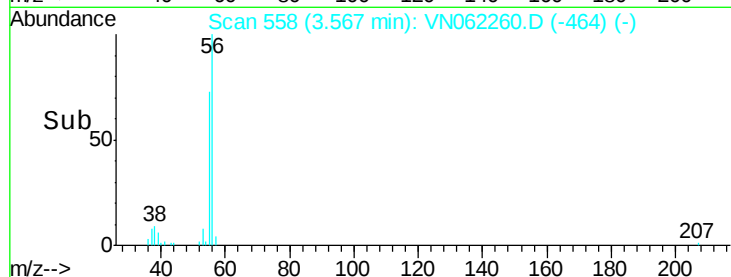
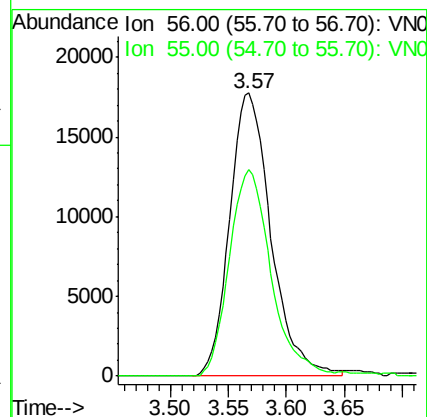
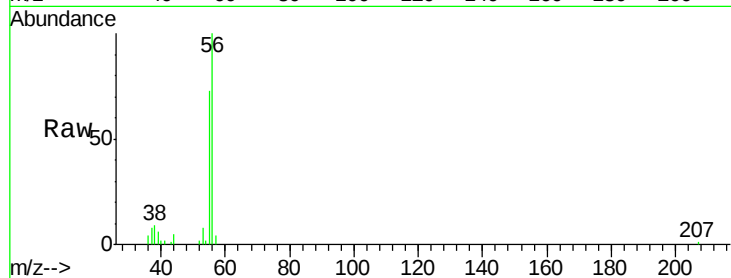
55 73.6 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.266 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

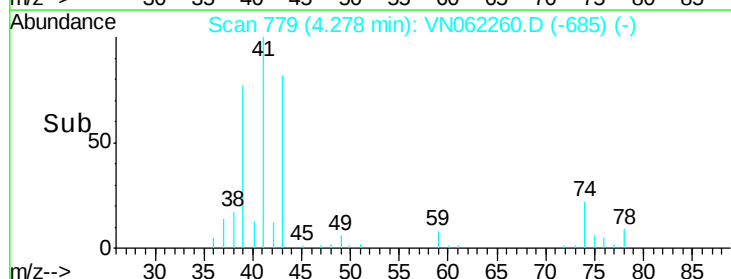
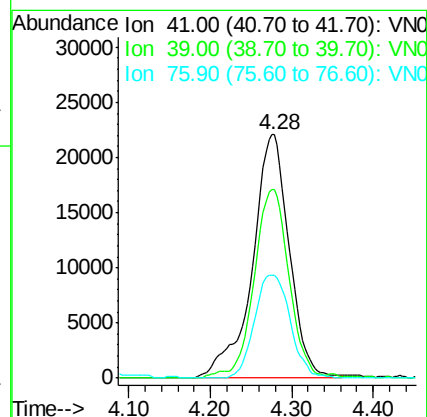
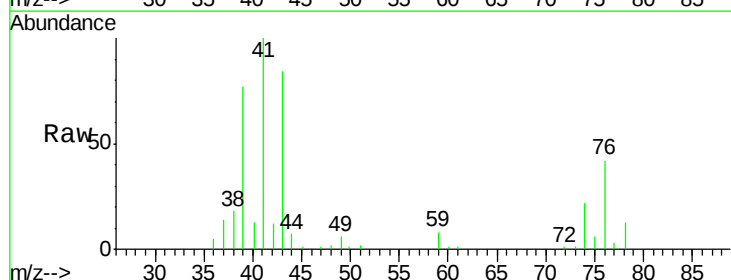
Tgt Ion: 41 Resp: 69298

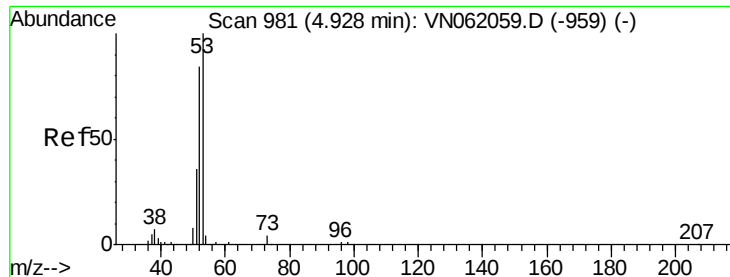
Ion Ratio Lower Upper

41 100

39 72.9 60.0 90.0

76 40.8 34.1 51.1





#15

Acrylonitrile

Concen: 103.250 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

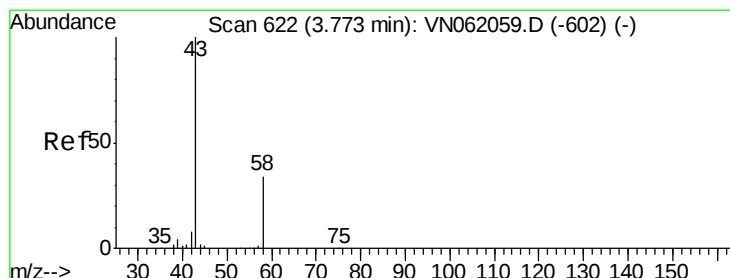
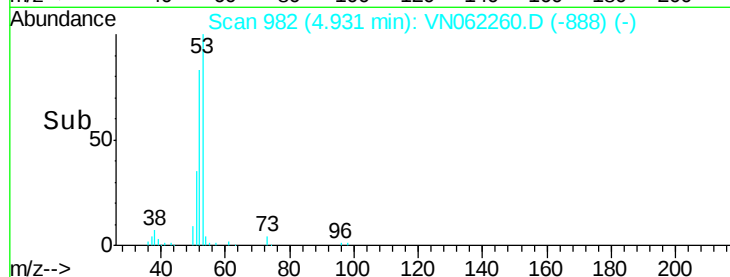
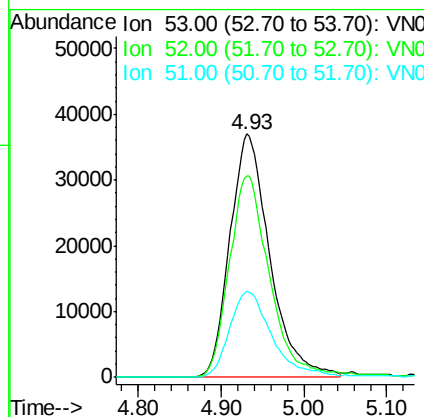
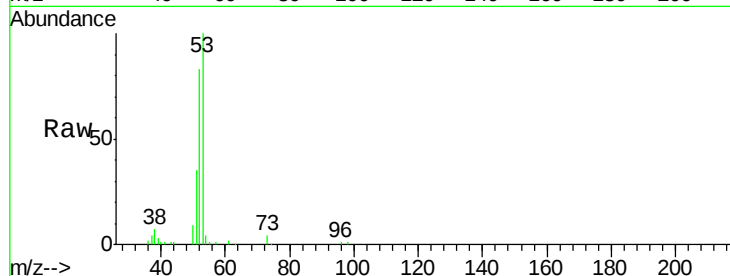
ClientSampleID :

VN0630WBSD02

Tot Ion:	53	Resp:	123998
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.2	99.4
51	37.3	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 102.935 ug/l

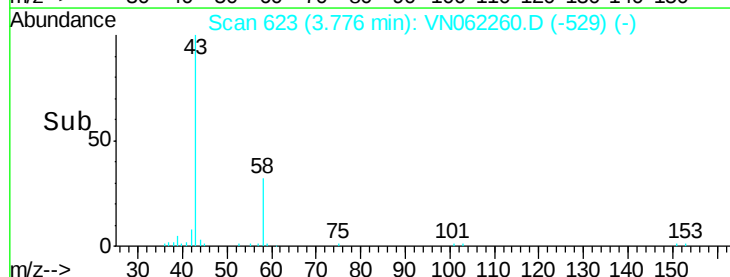
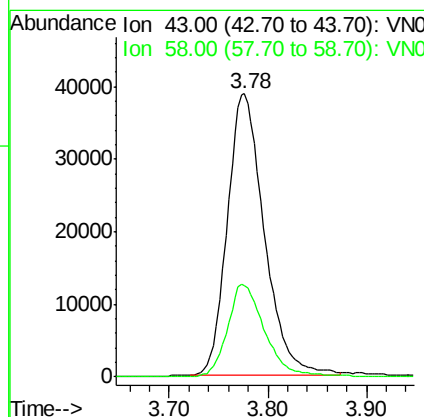
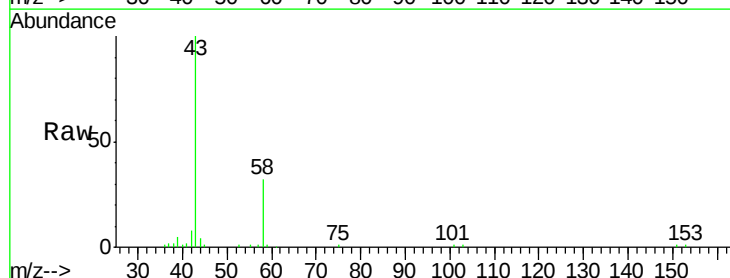
RT: 3.78 min Scan# 623

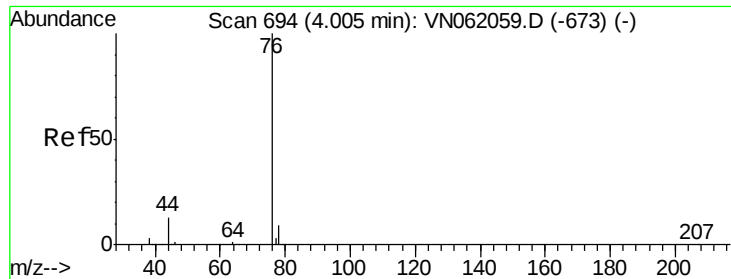
Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion:	43	Resp:	101471
Ion Ratio		Lower	Upper
43	100		
58	32.6	27.5	41.3





#17

Carbon Disulfide

Concen: 17.861 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampled :

VN0630WBSD02

Tot Ion: 76 Resp: 128250

Ion Ratio Lower Upper

76 100

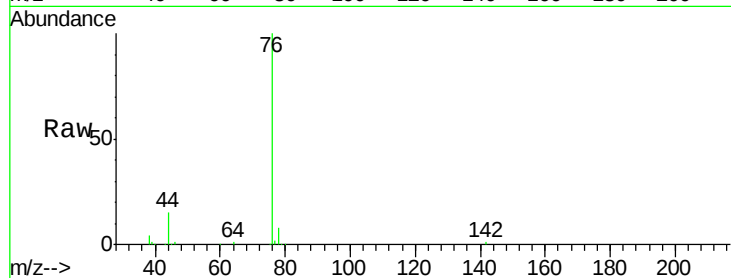
78 8.4 7.2 10.8

Manual Integrations

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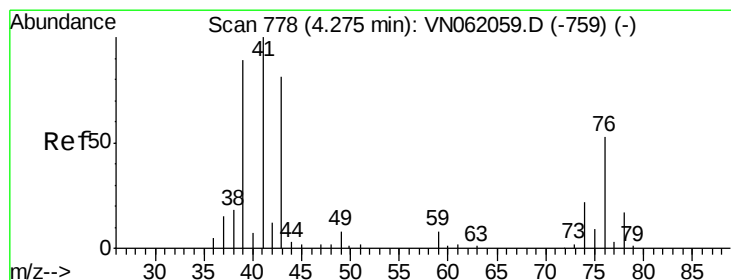
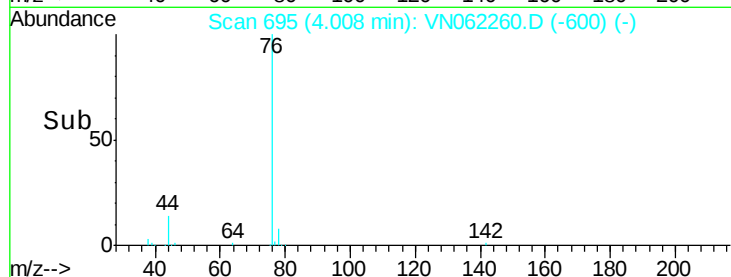
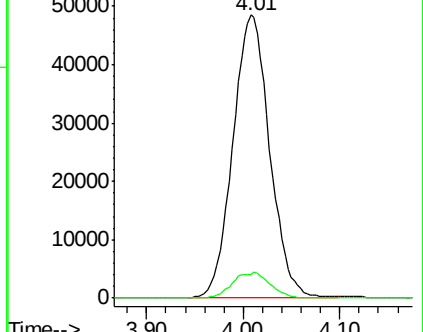
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Abundance Ion 75.90 (75.60 to 76.60): VN062260.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062260.D (-600) (-)



#18

Methyl Acetate

Concen: 21.205 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062260.D

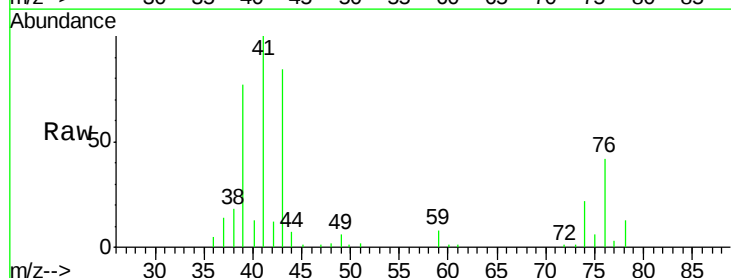
Acq: 1 Jul 2020 00:41

Tgt Ion: 43 Resp: 51741

Ion Ratio Lower Upper

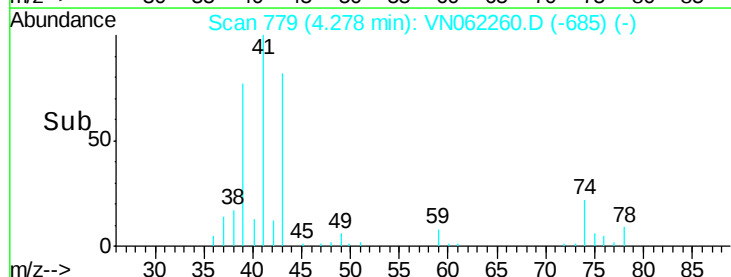
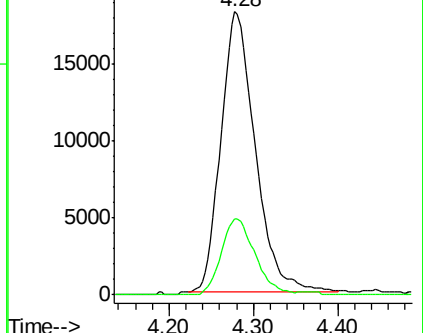
43 100

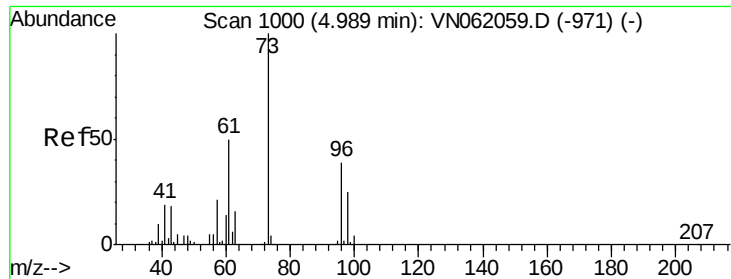
74 26.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062260.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062260.D (-685) (-)





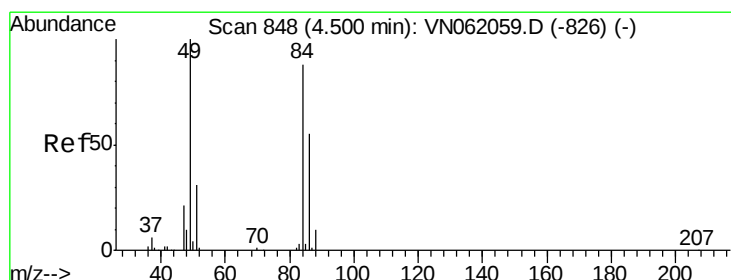
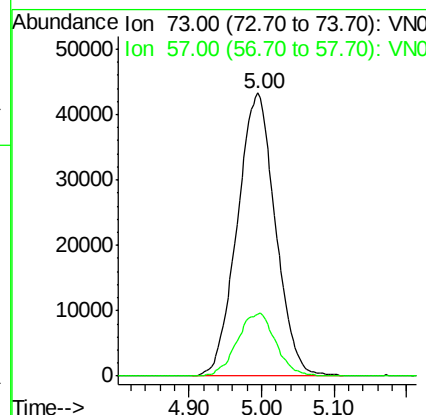
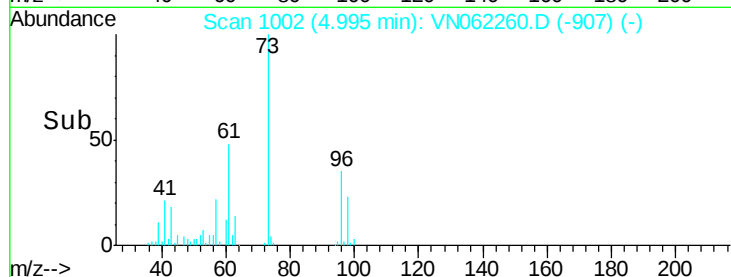
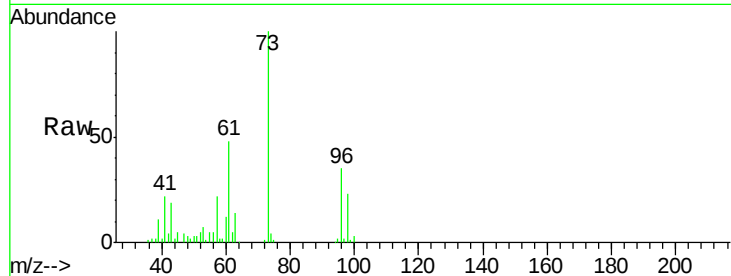
#19
Methvl tert-butvl Ether
Concen: 19.737 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion: 73 Resp: 158395
Ion Ratio Lower Upper
73 100
57 21.9 16.6 24.8

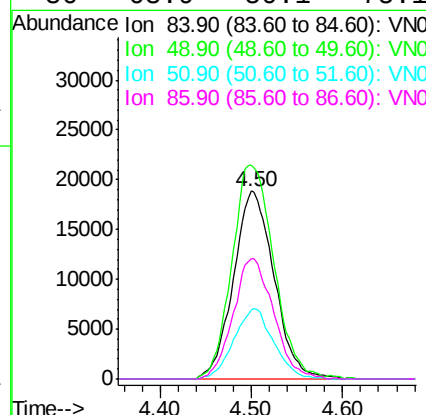
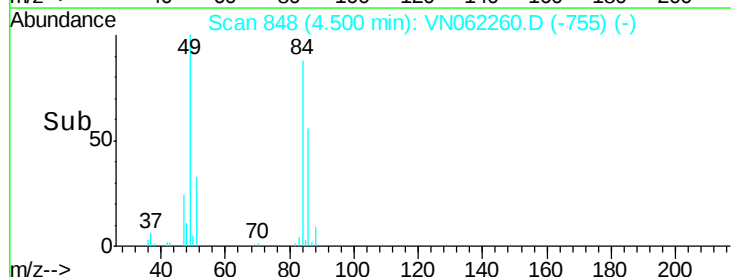
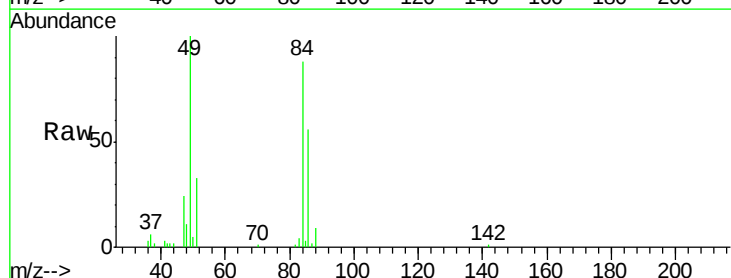
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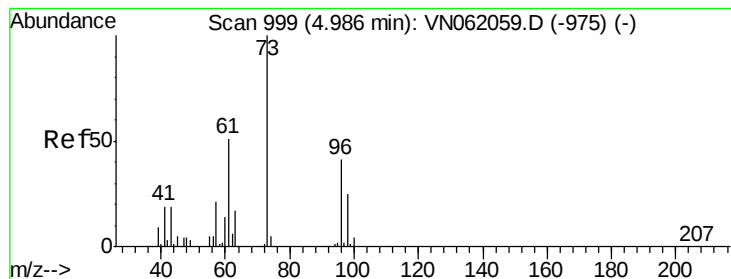
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#20
Methylene Chloride
Concen: 20.640 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 84 Resp: 58518
Ion Ratio Lower Upper
84 100
49 113.6 90.6 136.0
51 37.0 27.8 41.8
86 63.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.760 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

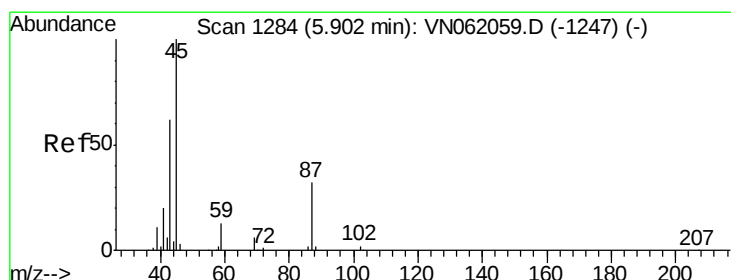
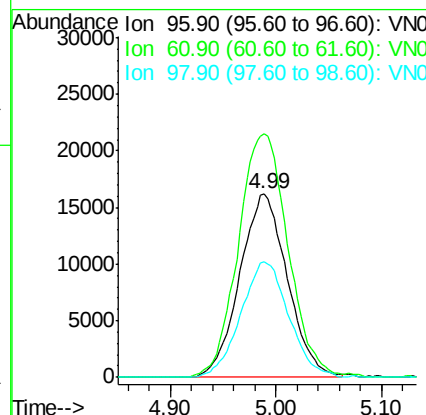
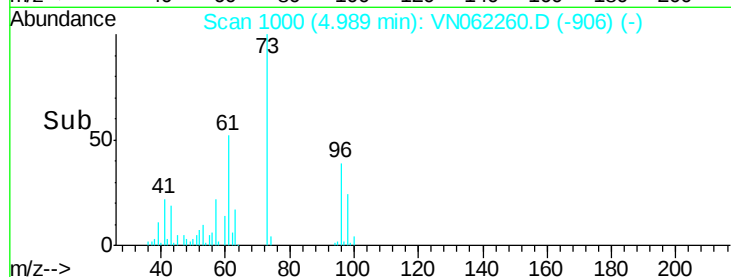
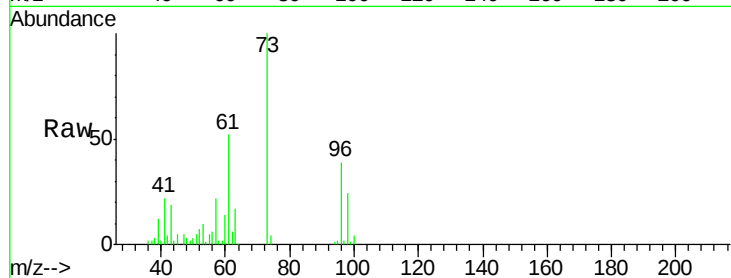
ClientSampleId :

VN0630WBSD02

Tot Ion:	96	Resp:	50814
Ion	Ratio	Lower	Upper
96	100		
61	131.3	101.4	152.2
98	62.8	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.382 ug/l

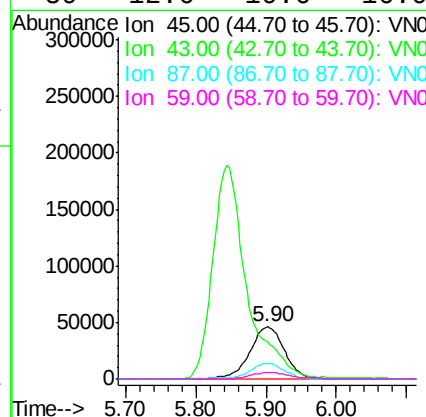
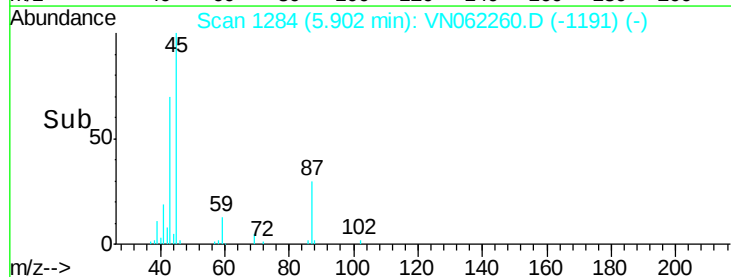
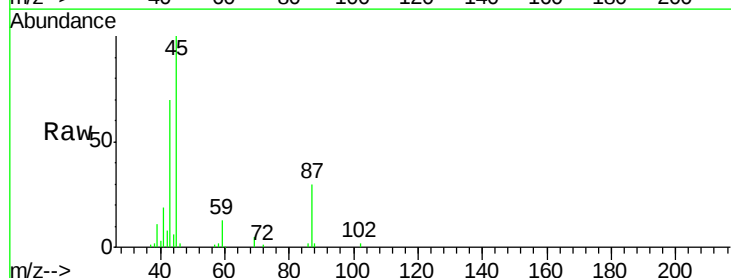
RT: 5.90 min Scan# 1284

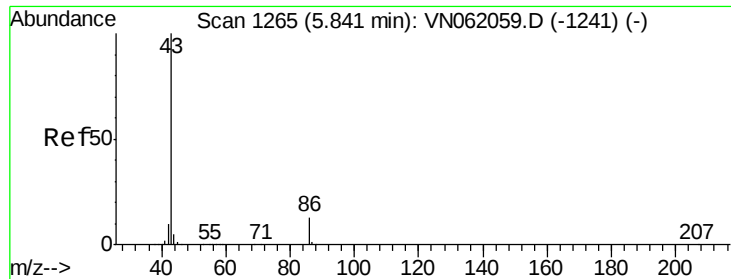
Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion:	45	Resp:	158691
Ion	Ratio	Lower	Upper
45	100		
43	67.9	49.7	74.5
87	30.3	25.9	38.9
59	12.6	10.6	16.0





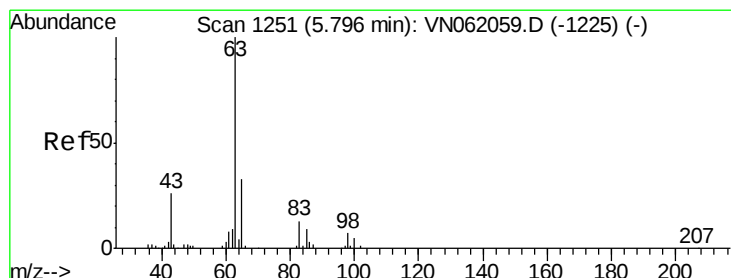
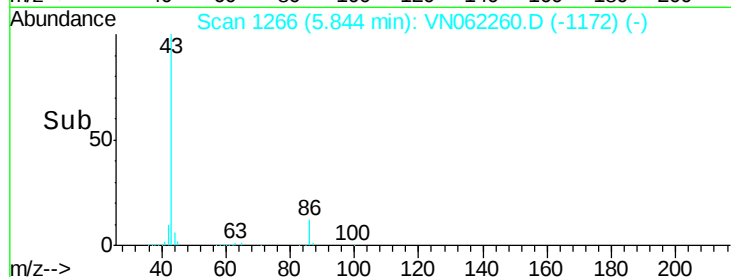
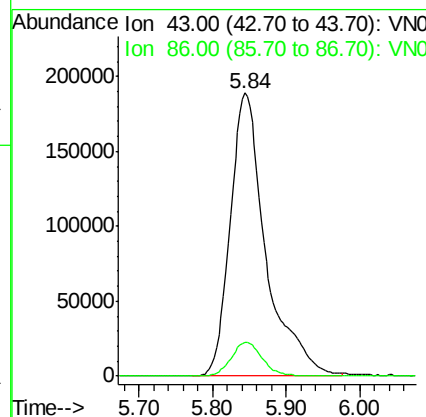
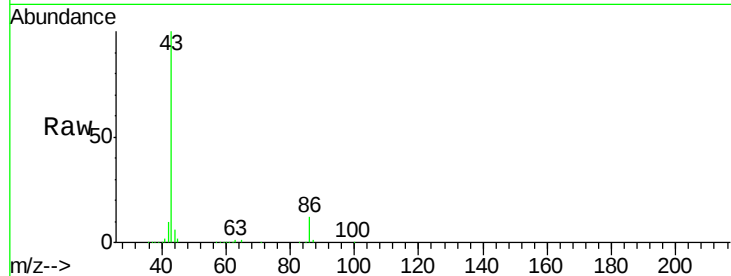
#23
 Vinyl Acetate
 Concen: 99.947 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion	43	Resp	635320
Ion Ratio	100	Lower	Upper
43	100		
86	11.8	10.1	15.1

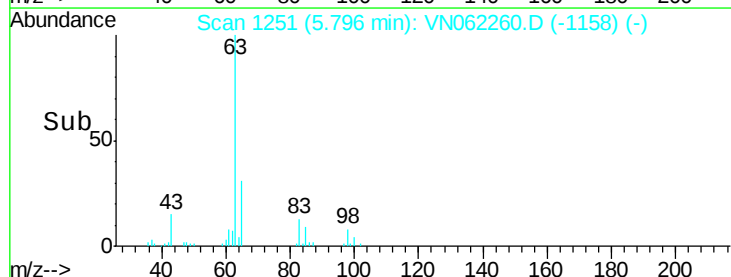
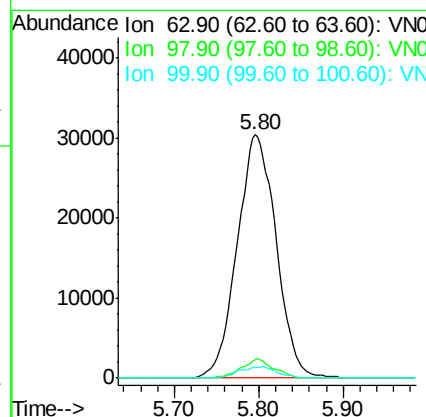
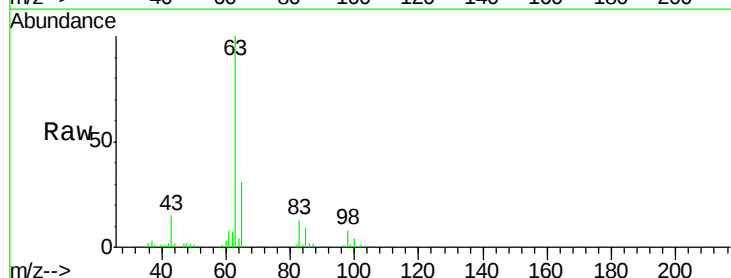
Manual Integrations
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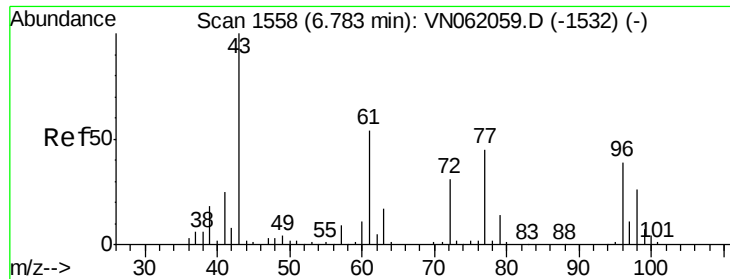
MMDadoda
 7/1/2020 11:04:18 AM



#24
 1,1-Dichloroethane
 Concen: 19.501 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	63	Resp	97769
Ion Ratio	100	Lower	Upper
63	100		
98	7.5	3.6	10.9
100	4.2	2.4	7.1





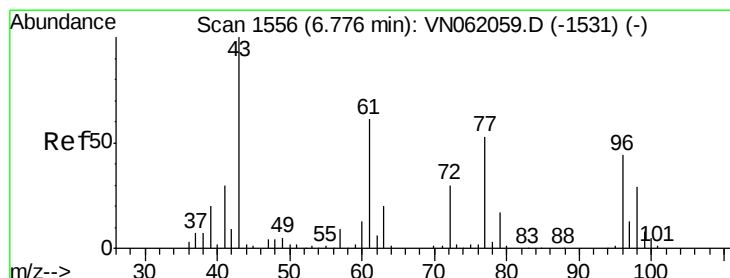
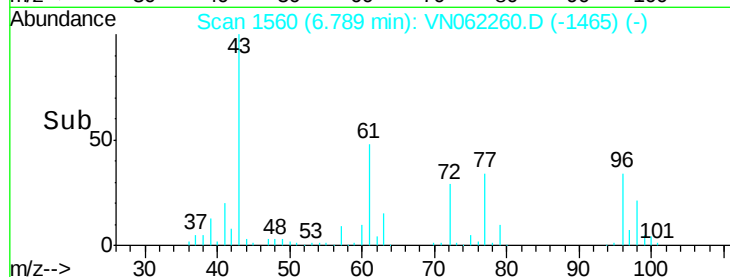
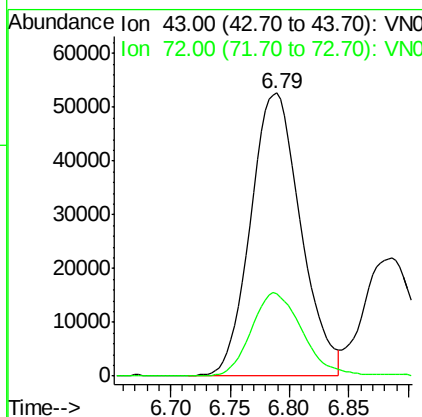
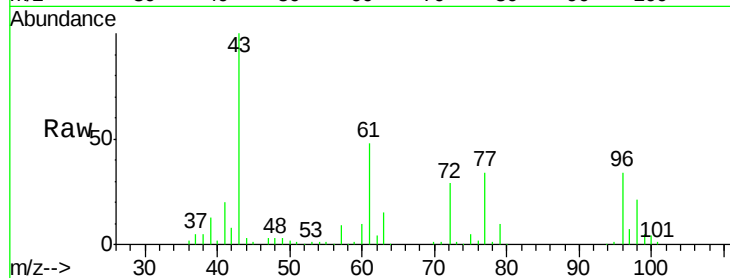
#25
2-Butanone
Concen: 102.587 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion: 43 Resp: 153914
Ion Ratio Lower Upper
43 100
72 29.2 24.8 37.2

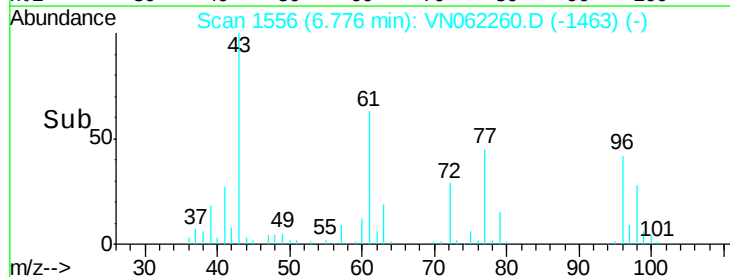
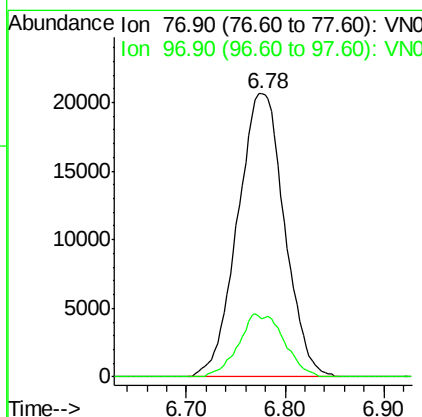
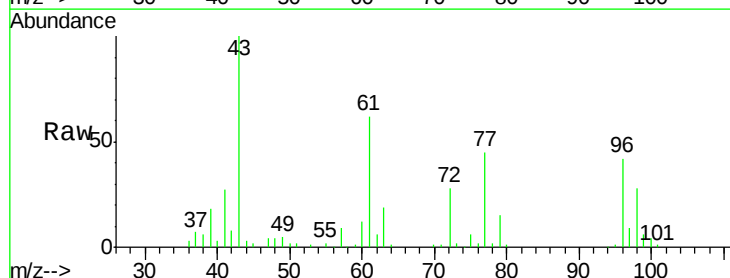
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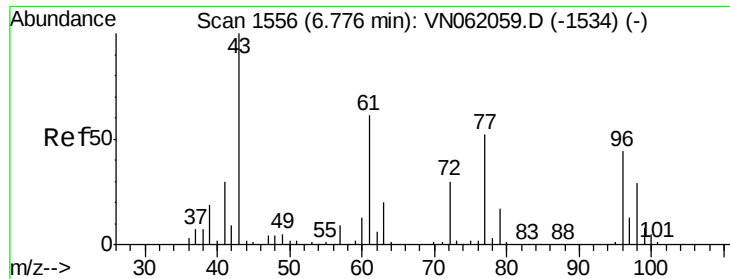
MMDadoda
7/1/2020 11:04:18 AM



#26
2,2-Dichloropropane
Concen: 16.236 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 77 Resp: 67832
Ion Ratio Lower Upper
77 100
97 21.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.403 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

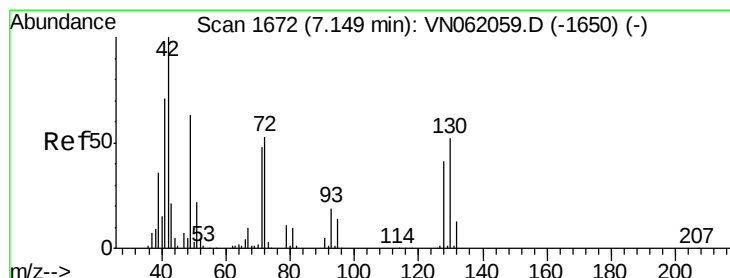
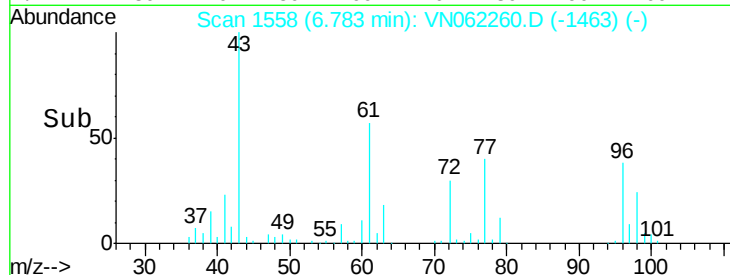
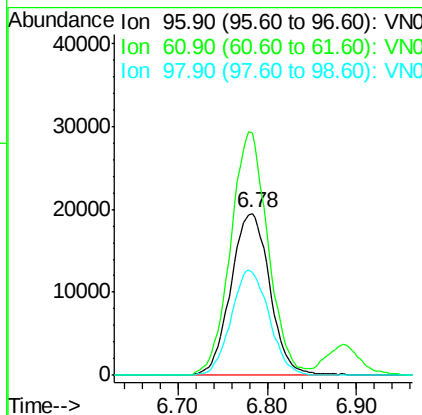
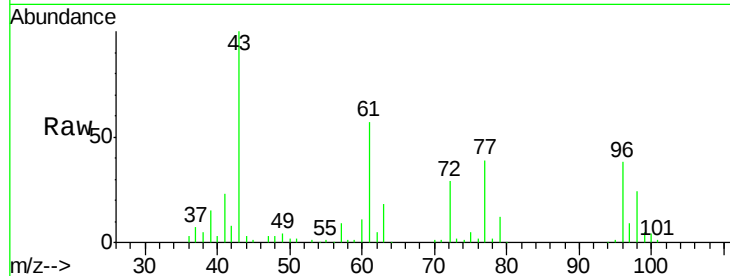
ClientSampleId :

VN0630WBSD02

Tot Ion:	96	Resp:	59250
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	280.4
98	63.1	0.0	129.4

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7/1/2020 11:04:18 AM



#28

Bromochloromethane

Concen: 20.620 ug/l

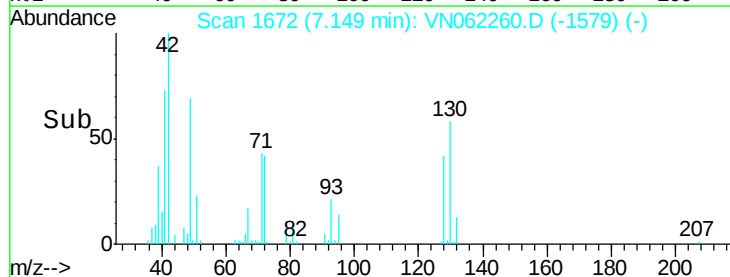
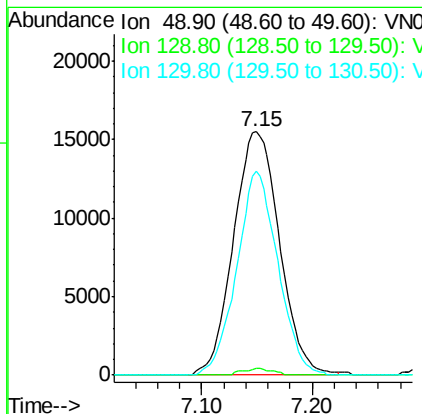
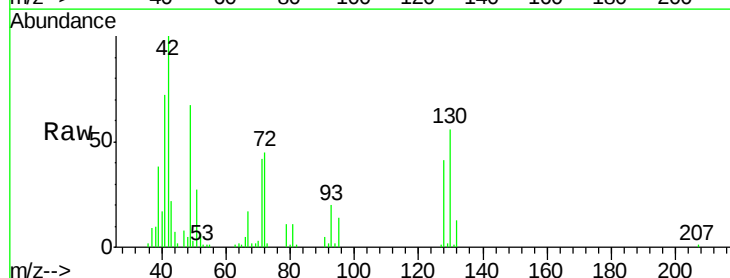
RT: 7.15 min Scan# 1672

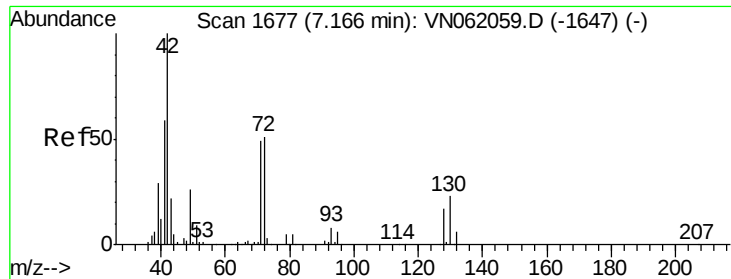
Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion:	49	Resp:	44853
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	74.6	65.5	98.3





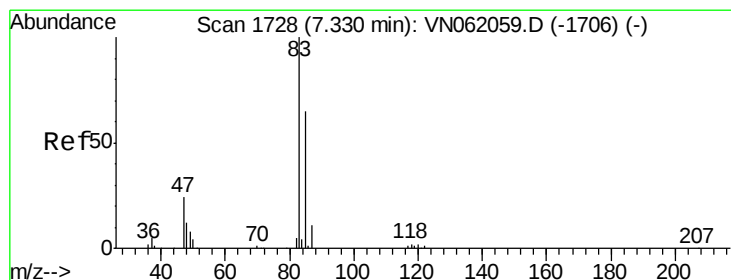
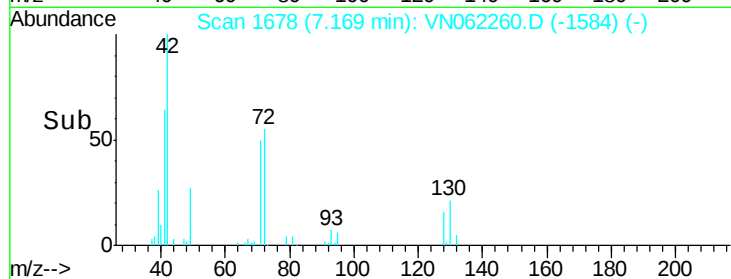
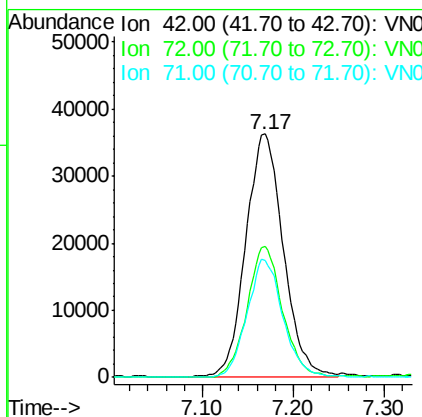
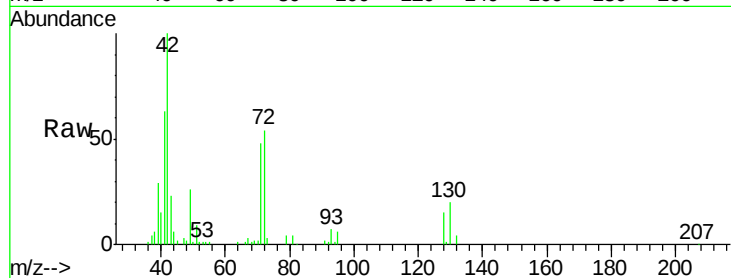
#29
Tetrahydrofuran
Concen: 106.197 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.7	41.1	61.7
71	46.1	38.2	57.4

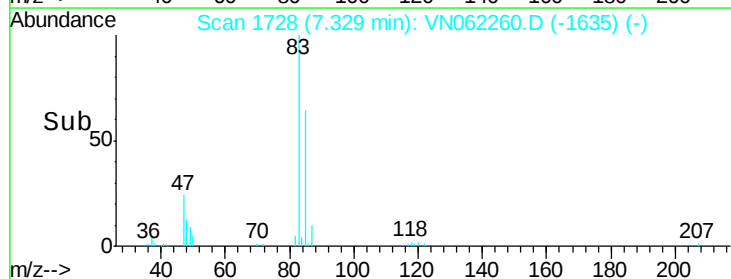
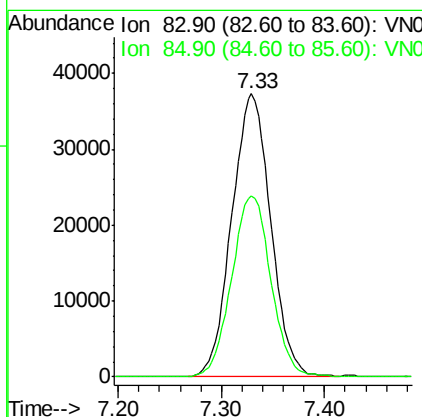
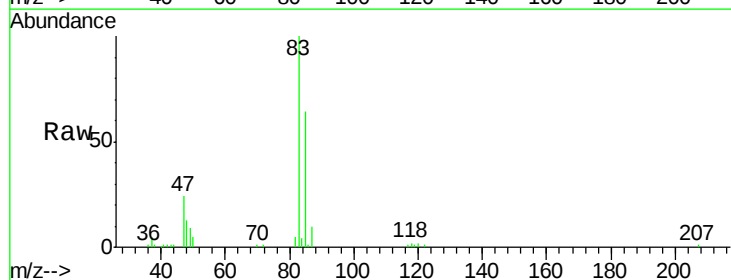
Manual Integrations
APPROVED

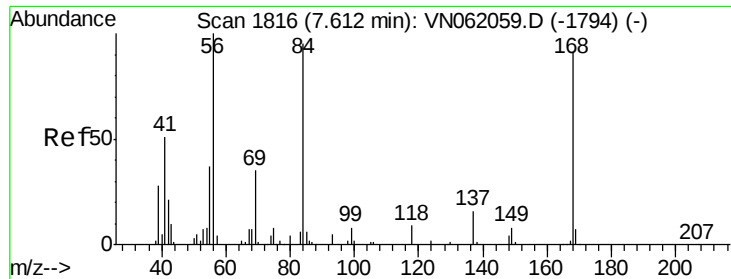
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#30
Chloroform
Concen: 19.214 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.3	78.5





#31

Cyclohexane

Concen: 18.756 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

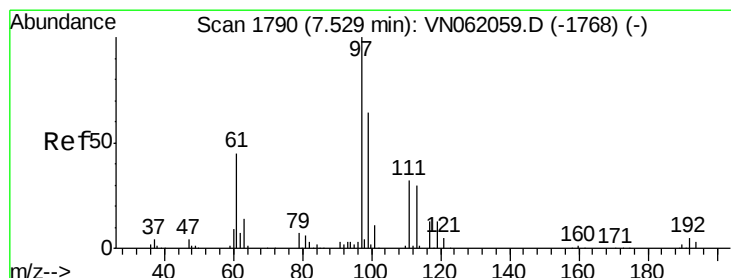
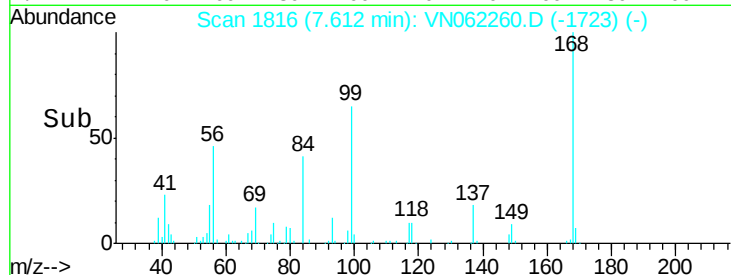
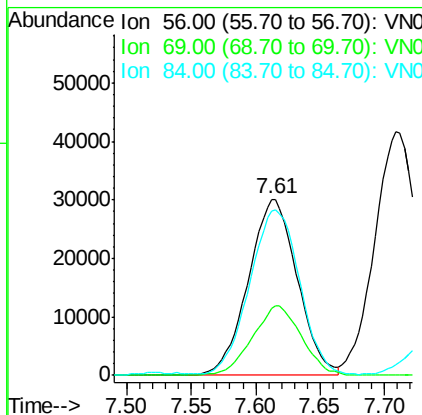
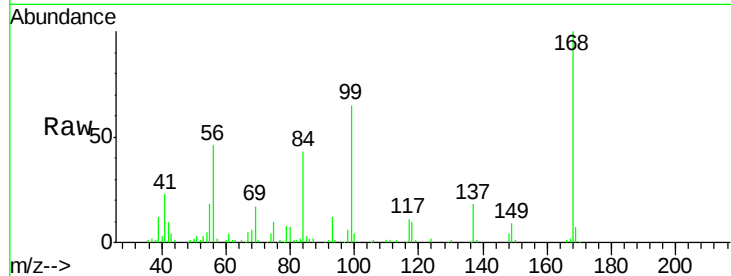
ClientSampleId :

VN0630WBSD02

Tot Ion:	56	Resp:	79539
Ion	Ratio	Lower	Upper
56	100		
69	37.7	28.0	42.0
84	92.6	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 18.589 ug/l

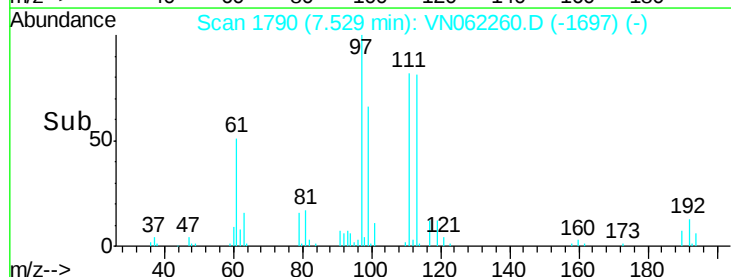
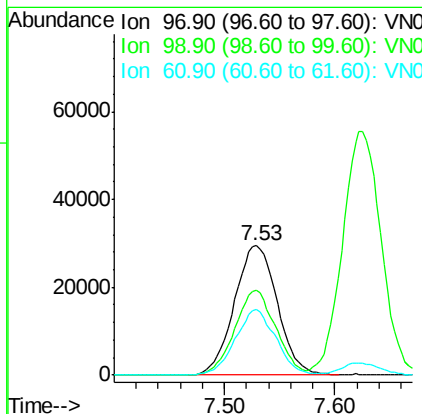
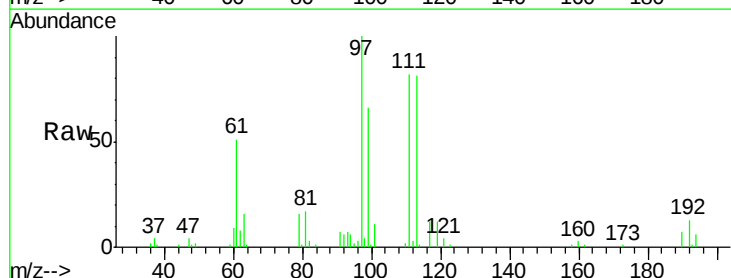
RT: 7.53 min Scan# 1790

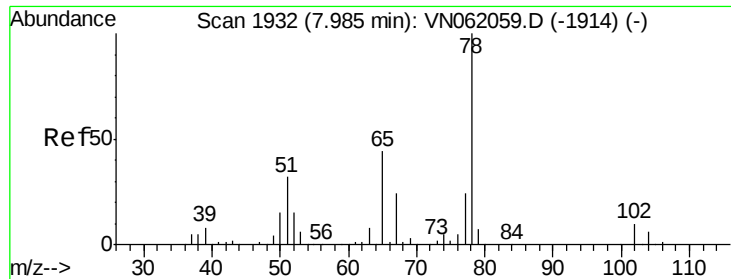
Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion:	97	Resp:	79965
Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.0	76.4
61	48.0	36.2	54.2





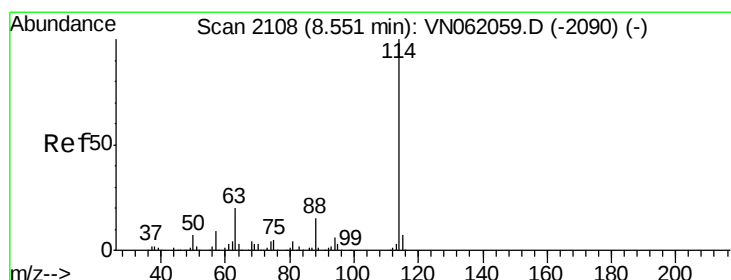
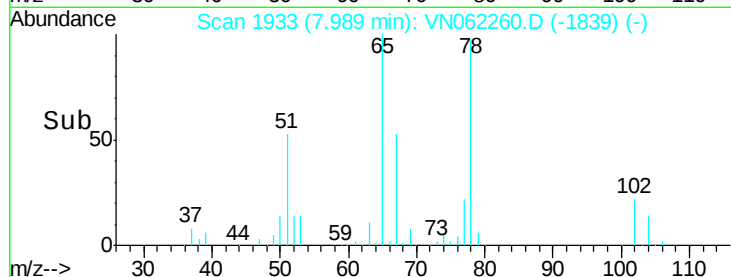
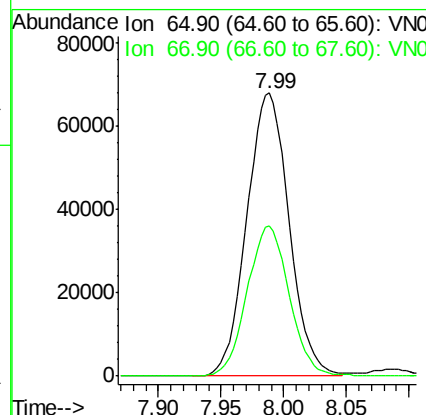
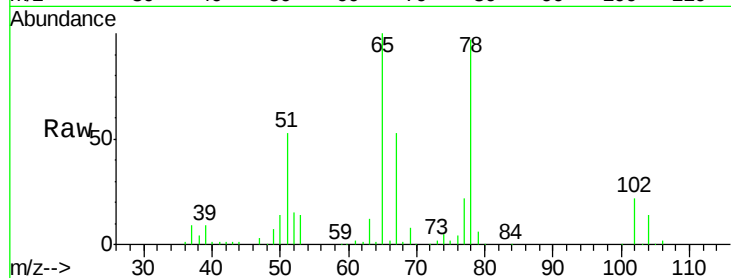
#33
 1,2-Dichloroethane-d4
 Concen: 51.920 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	106.2	

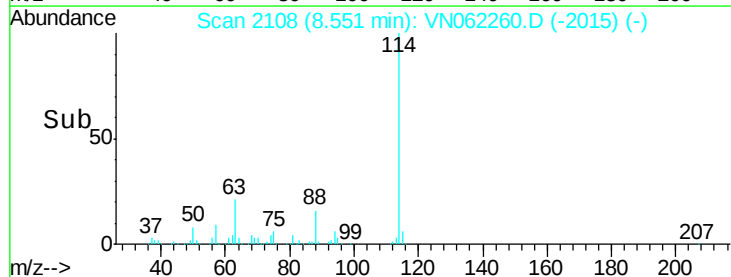
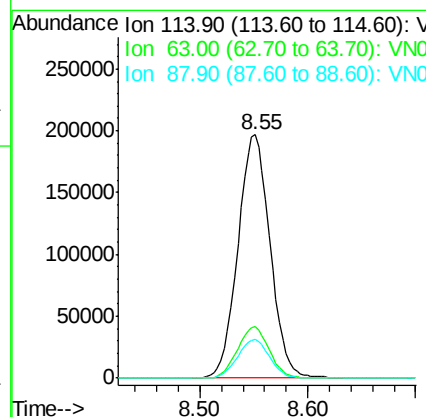
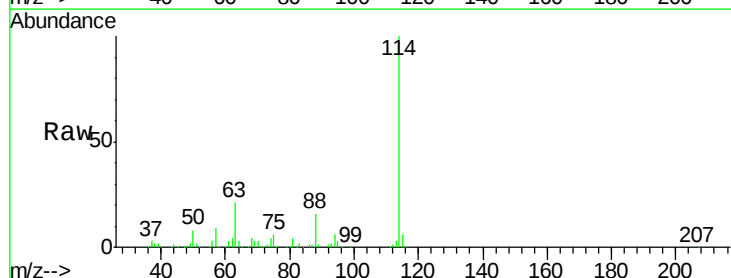
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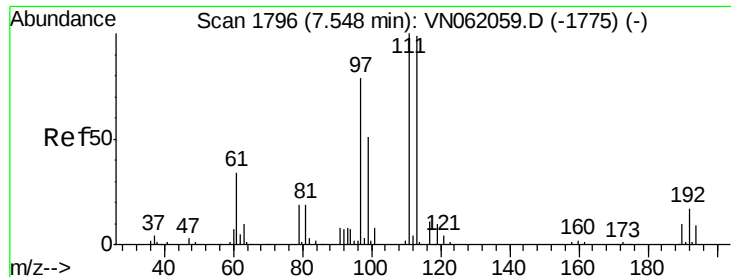
MMDadoda
 7/1/2020 11:04:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.0	0.0	39.2	
88	15.7	0.0	30.8	





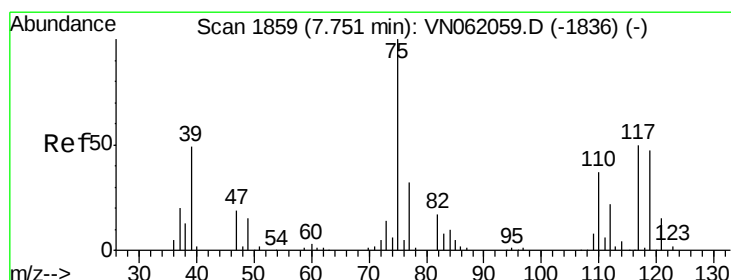
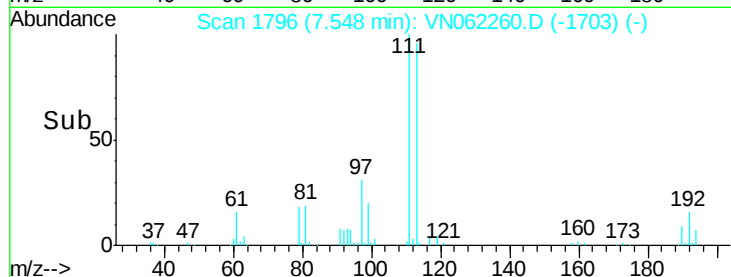
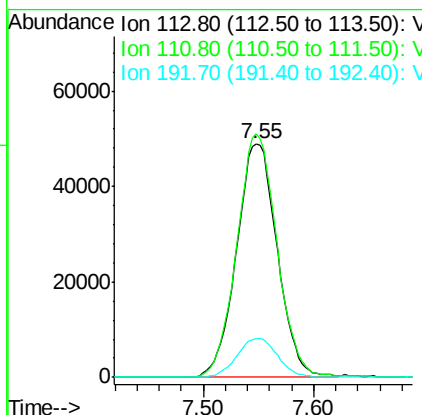
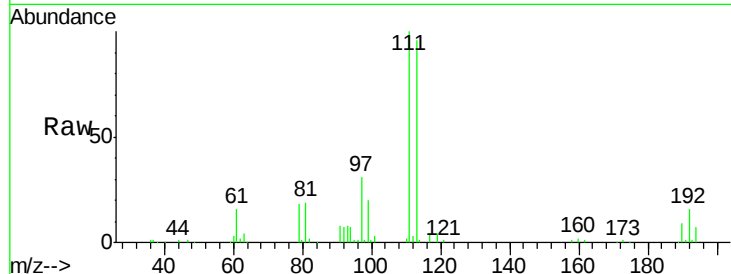
#35
 Dibromofluoromethane
 Concen: 47.835 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125481		
111	102.7	82.2	123.4	
192	16.6	14.0	21.0	

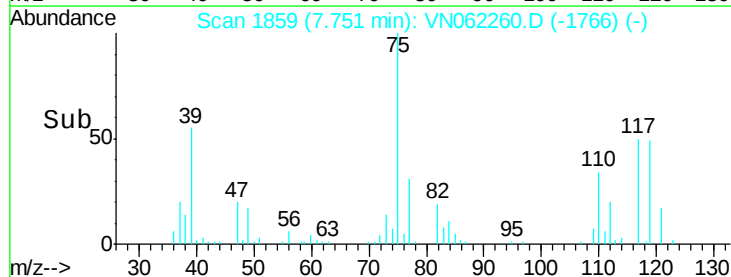
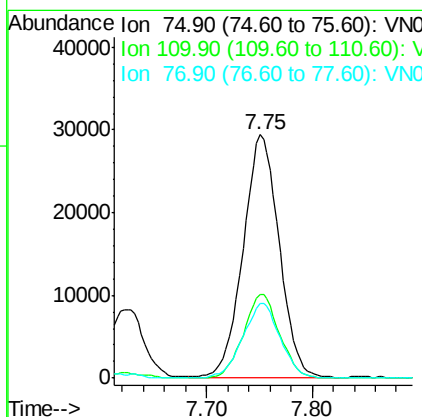
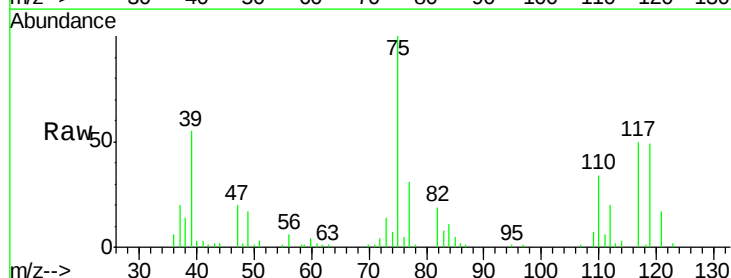
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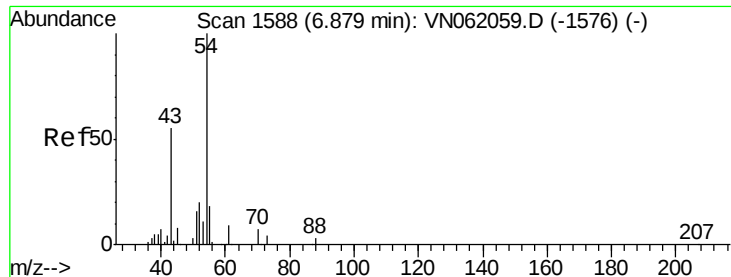
MMDadoda
 7/1/2020 11:04:18 AM



#36
 1,1-Dichloropropene
 Concen: 17.117 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70349		
110	34.0	17.9	53.8	
77	31.5	24.9	37.3	





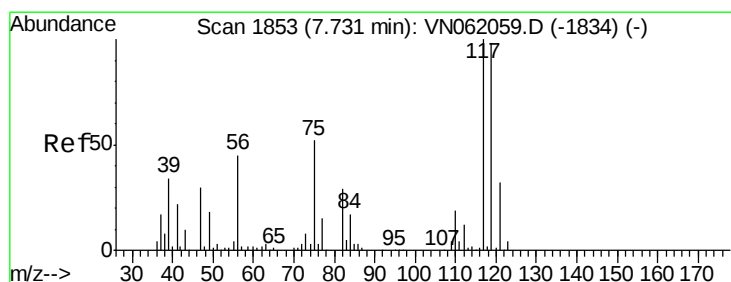
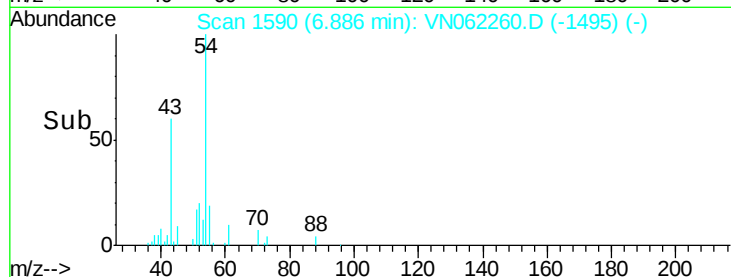
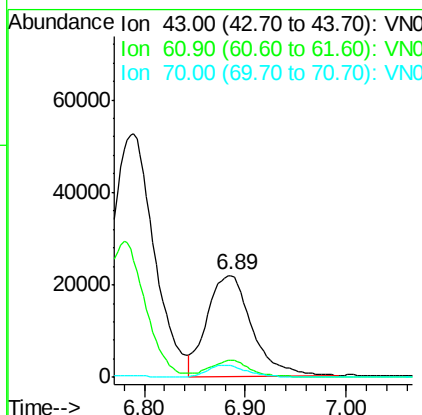
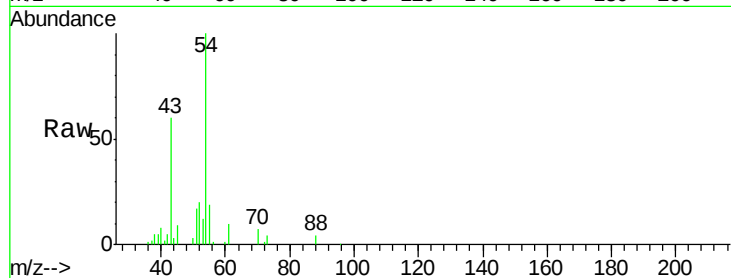
#37
Ethyl Acetate
Concen: 19.769 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.0	18.0
70	10.8	9.6	14.4

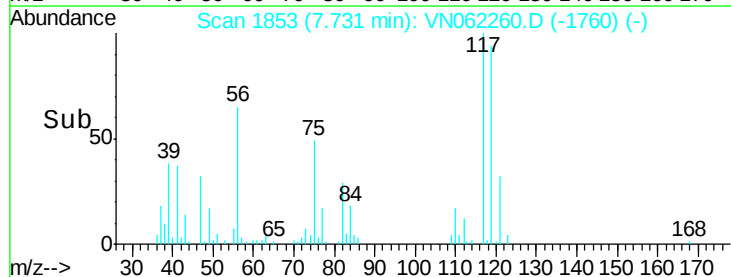
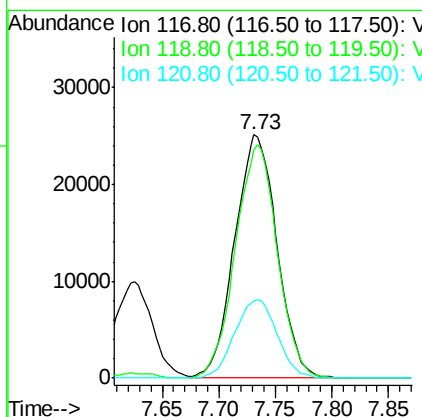
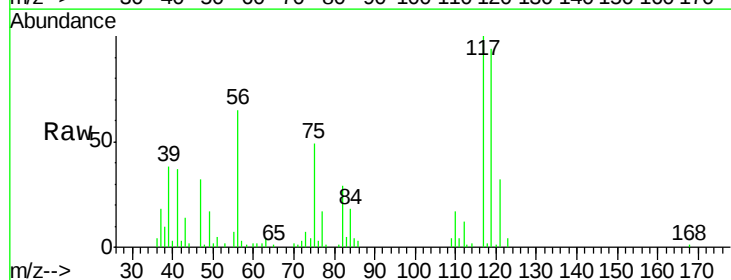
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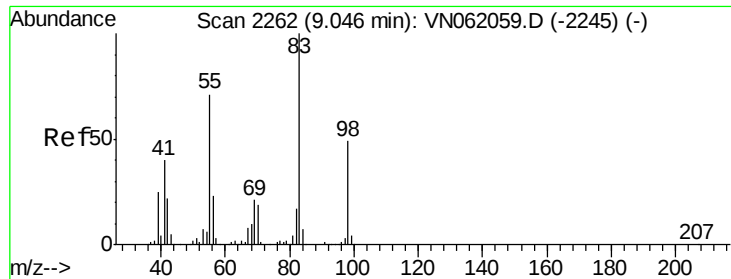
MMDadoda
7/1/2020 11:04:18 AM



#38
Carbon Tetrachloride
Concen: 16.862 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.2	117.2
121	31.6	25.8	38.6





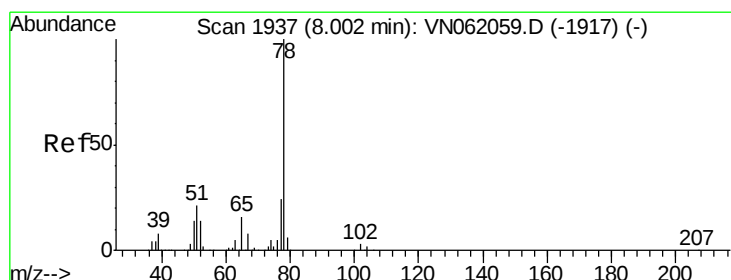
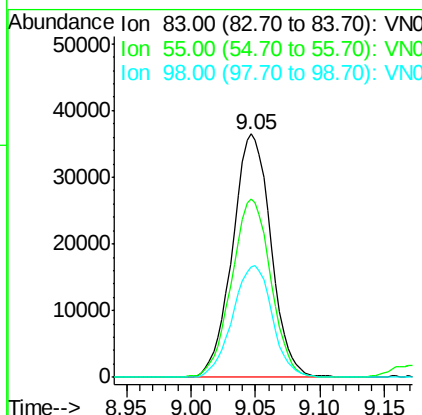
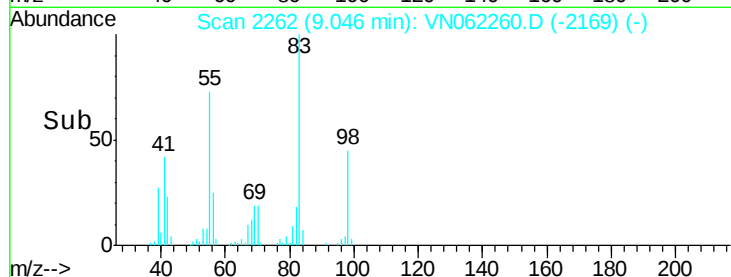
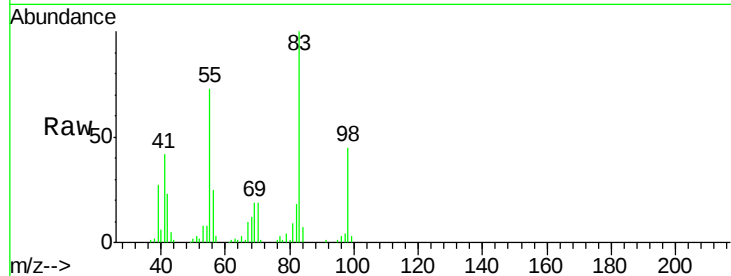
#39
Methvlcvclohexane
Concen: 16.817 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	57.0	85.6
98	45.3	39.0	58.6

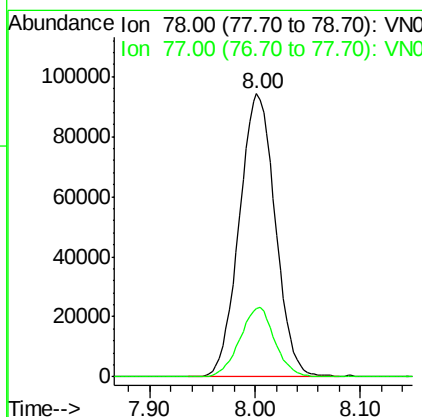
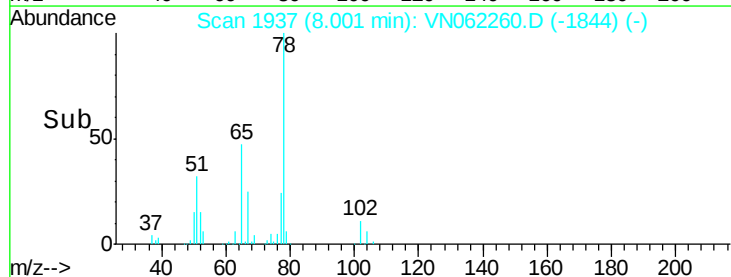
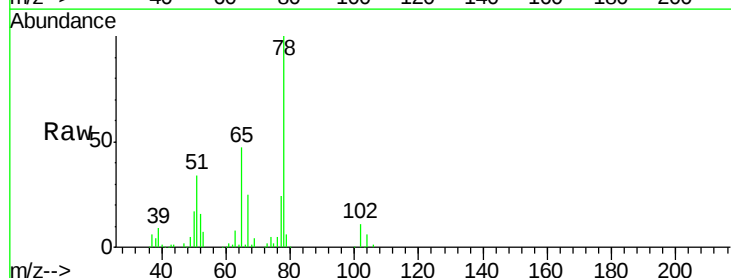
Manual Integrations
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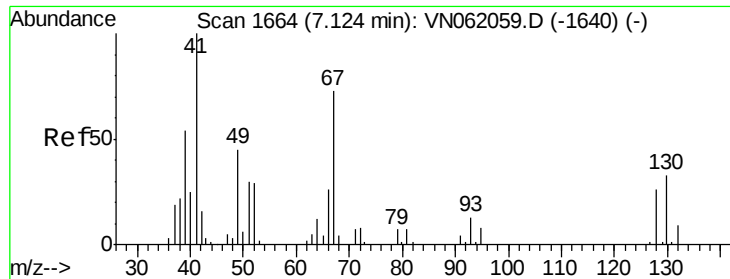
MMDadoda
7/1/2020 11:04:18 AM



#40
Benzene
Concen: 17.878 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





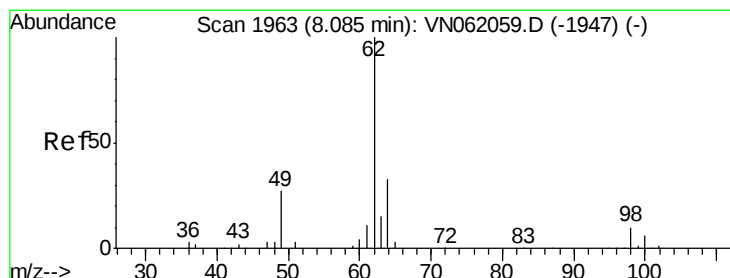
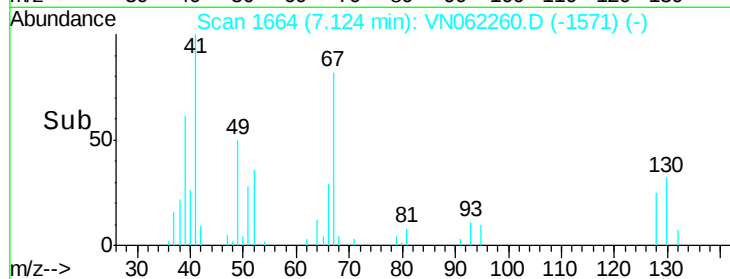
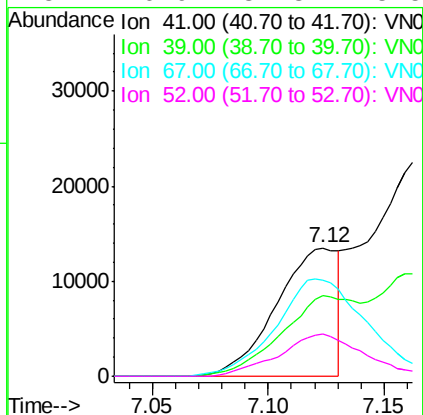
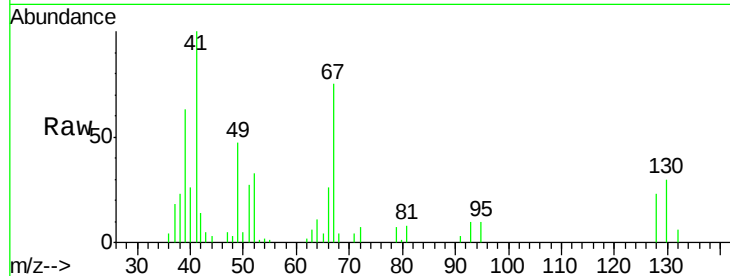
#41
Methacrylonitrile
Concen: 15.796 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	41	Resp	24922
Ion	Ratio	Lower	Upper
41	100		
39	76.3	44.2	66.2#
67	114.1	79.5	119.3
52	46.9	32.3	48.5

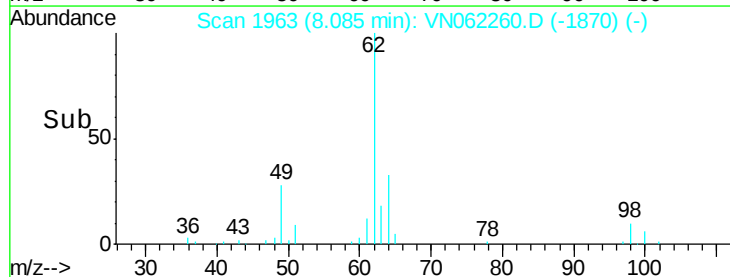
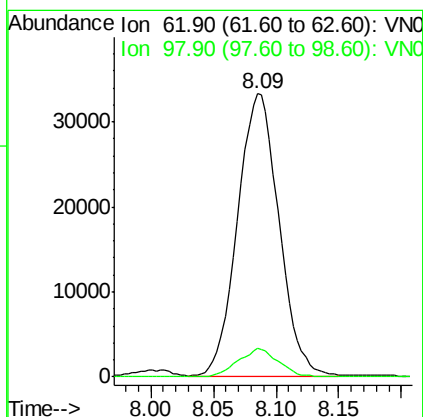
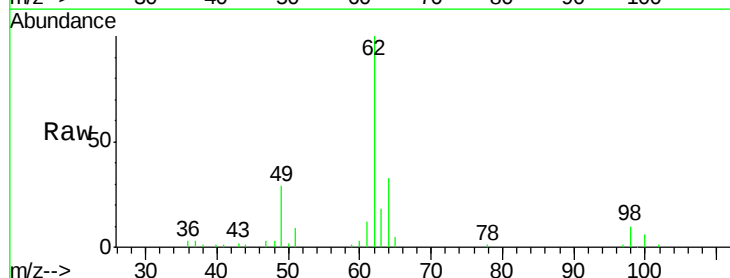
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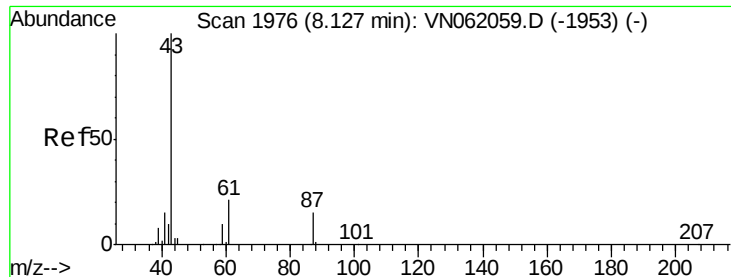
MMDadoda
7/1/2020 11:04:18 AM



#42
1,2-Dichloroethane
Concen: 18.189 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	62	Resp	76983
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8





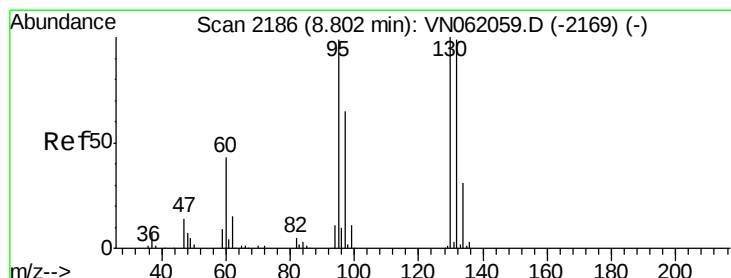
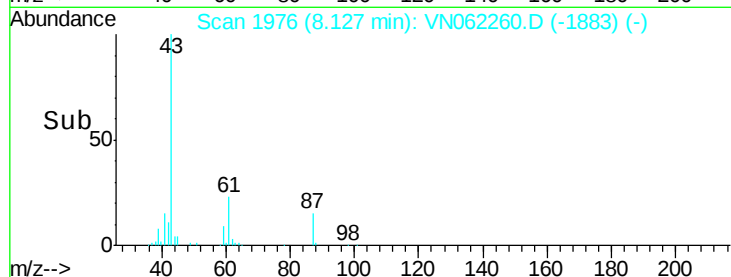
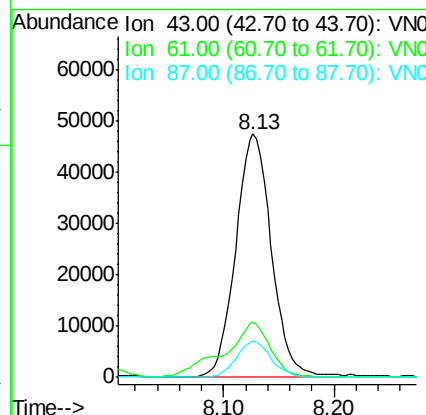
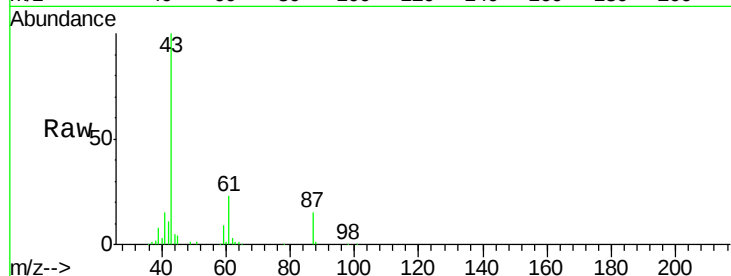
#43
Isopropyl Acetate
Concen: 18.986 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	17.2	25.8
87	14.6	12.1	18.1

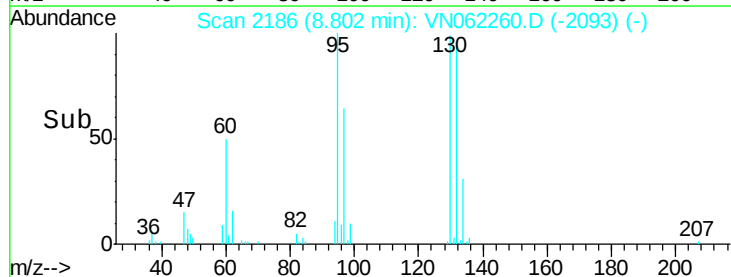
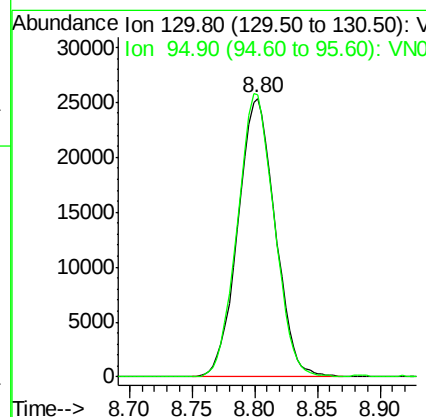
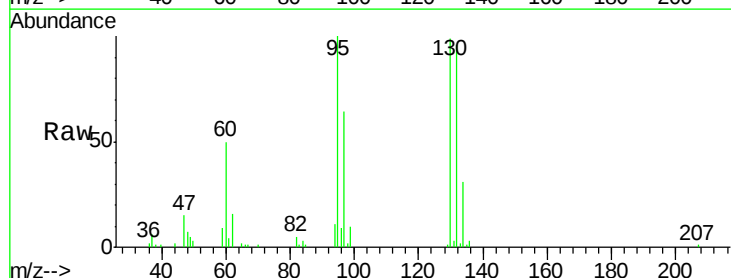
Manual Integrations
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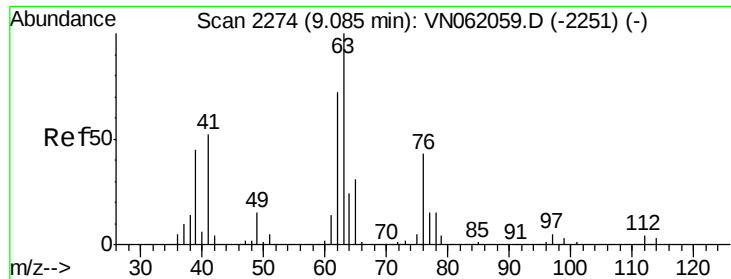
MMDadoda
7/1/2020 11:04:18 AM



#44
Trichloroethene
Concen: 16.564 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	197.8





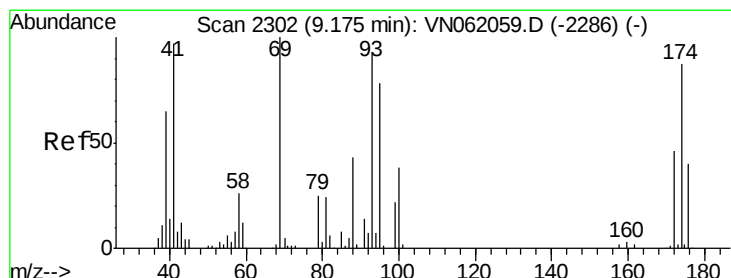
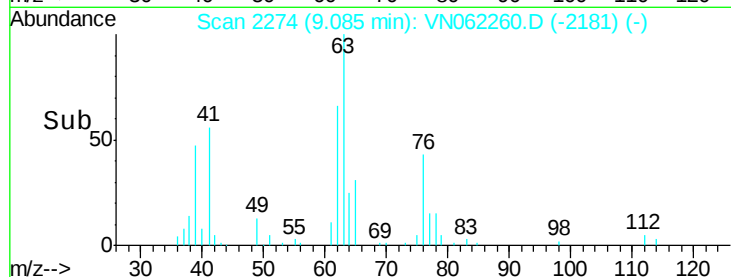
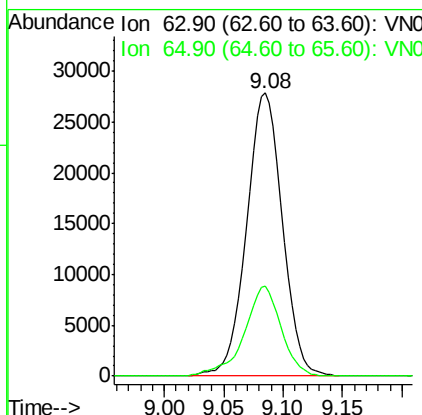
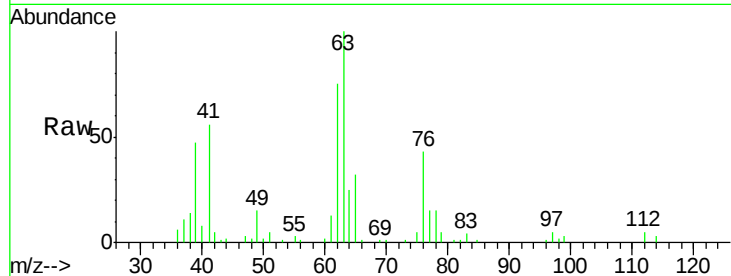
#45
 1,2-Dichloropropane
 Concen: 18.806 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion: 63 Resp: 58119
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4

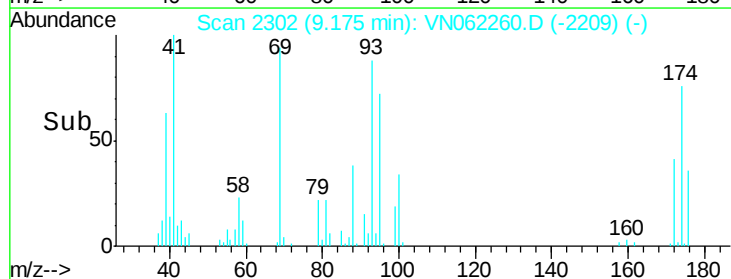
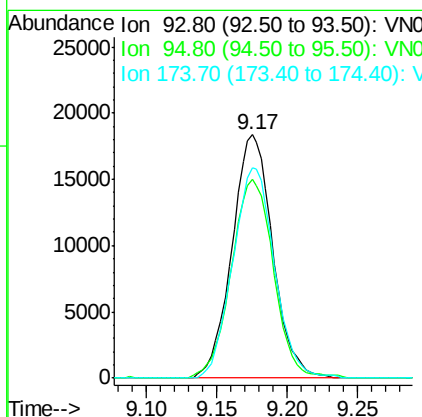
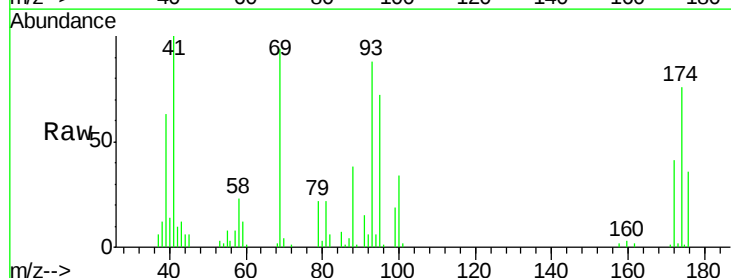
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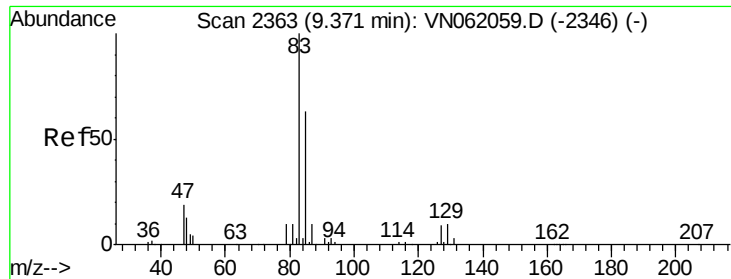
MMDadoda
 7/1/2020 11:04:18 AM



#46
 Dibromomethane
 Concen: 17.664 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 93 Resp: 37013
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.0 100.6
 174 88.4 74.4 111.6





#47

Bromodichloromethane

Concen: 18.111 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

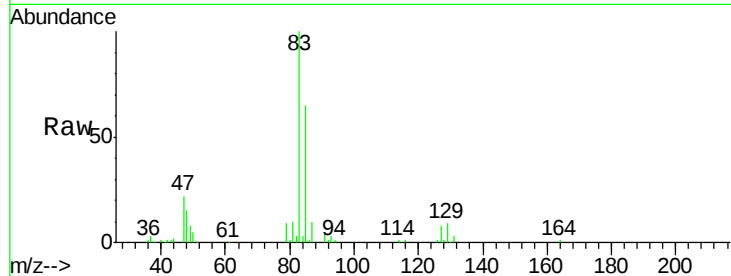
ClientSampled :

VN0630WBSD02

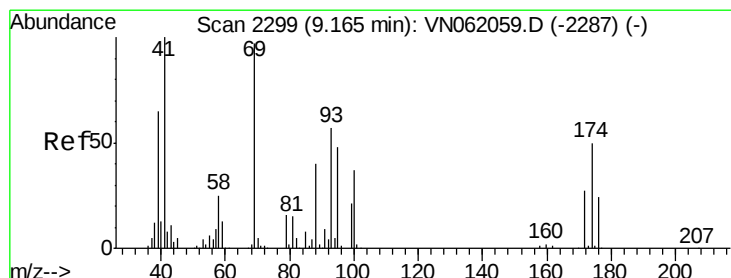
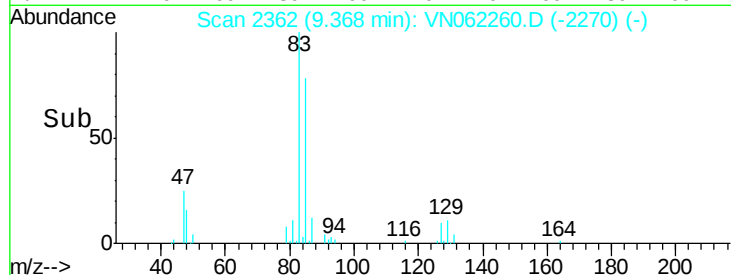
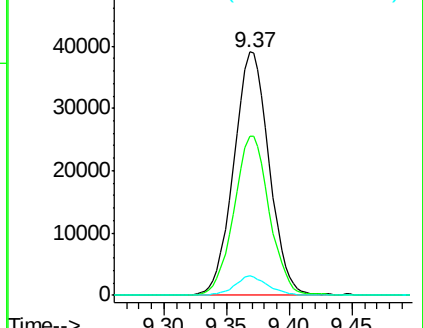
Tot Ion:	83	Resp:	76624
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.3	75.5
127	8.1	6.9	10.3

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Abundance Ion 82.90 (82.60 to 83.60): VN062260.D (-2270) (-)



#48

Methyl methacrylate

Concen: 19.078 ug/l

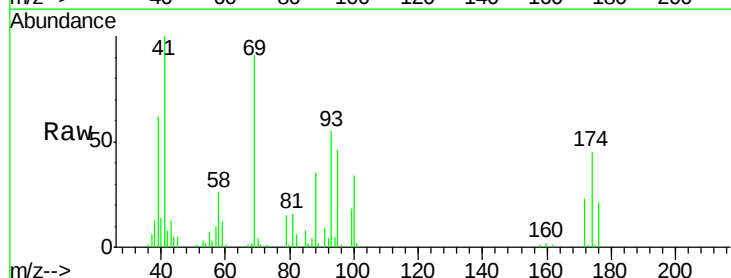
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

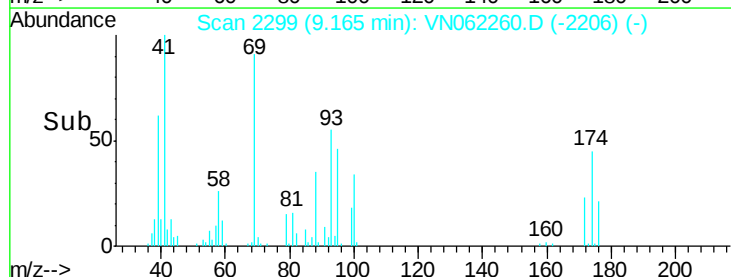
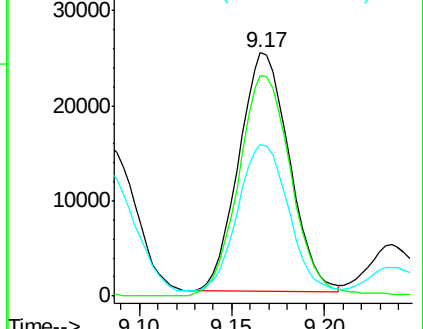
Lab File: VN062260.D

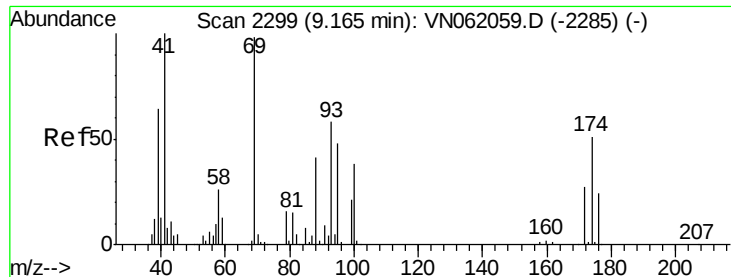
Acq: 1 Jul 2020 00:41

Tgt Ion:	41	Resp:	47457
Ion	Ratio	Lower	Upper
41	100		
69	97.0	80.7	121.1
39	65.3	54.5	81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062260.D (-2206) (-)





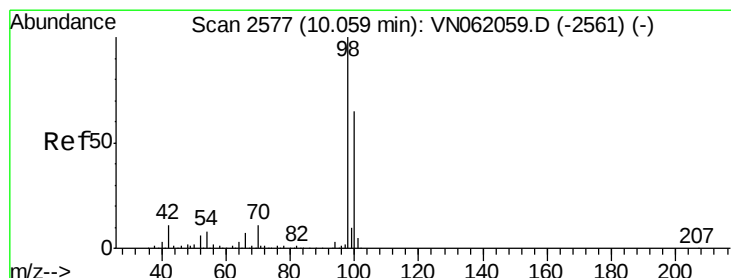
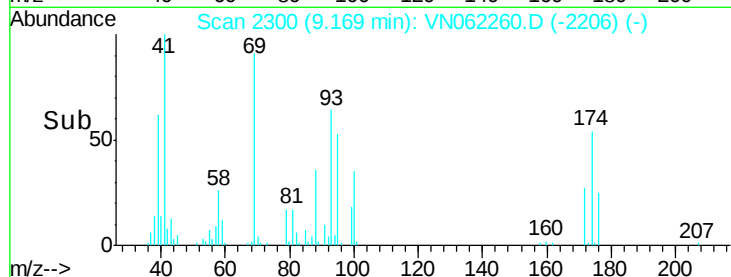
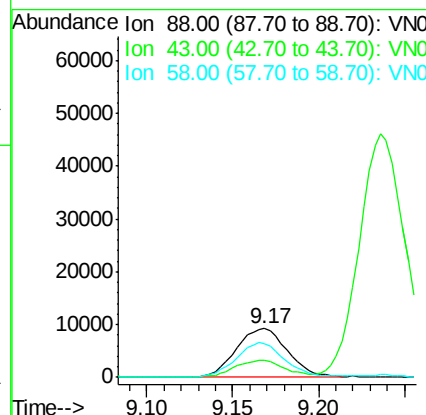
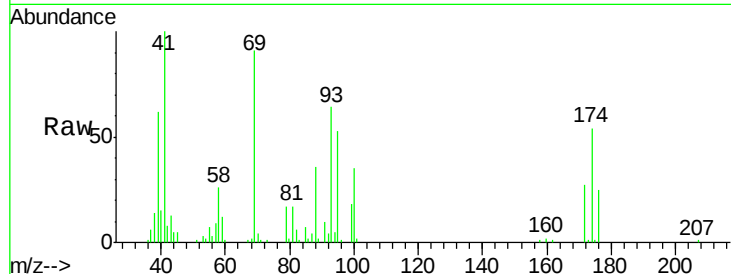
#49
1,4-Dioxane
Concen: 349.615 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion: 88 Resp: 19286
Ion Ratio Lower Upper
88 100
43 34.9 22.0 33.0#
58 67.2 49.2 73.8

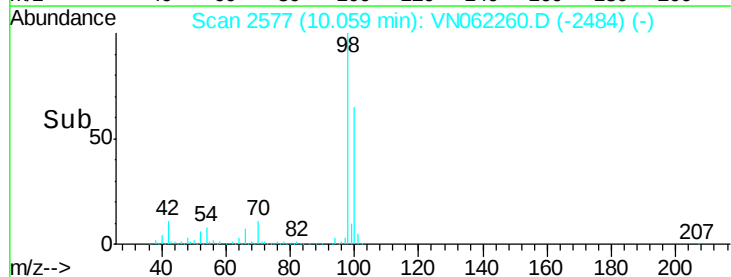
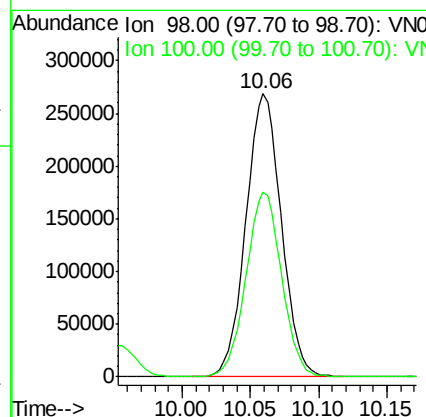
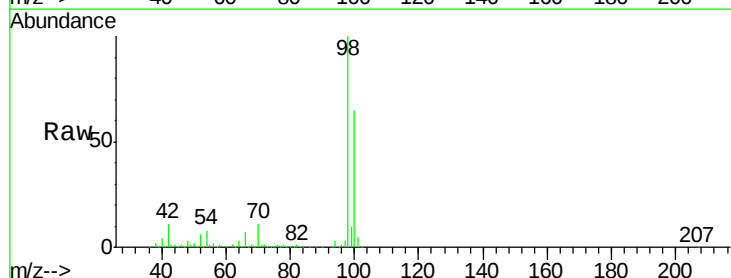
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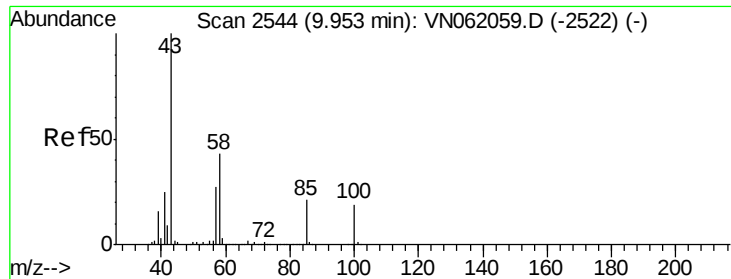
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#50
Toluene-d8
Concen: 46.263 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 98 Resp: 485107
Ion Ratio Lower Upper
98 100
100 65.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 101.544 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

Tot Ion: 43 Resp: 329143

Ion Ratio Lower Upper

43 100

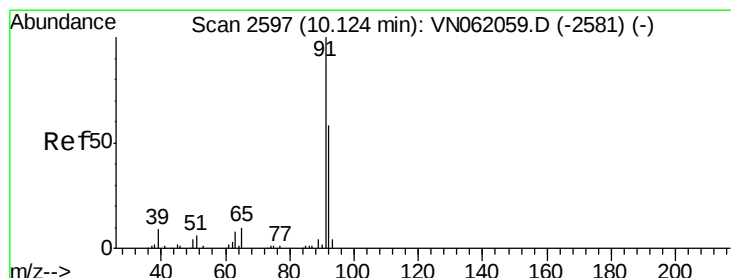
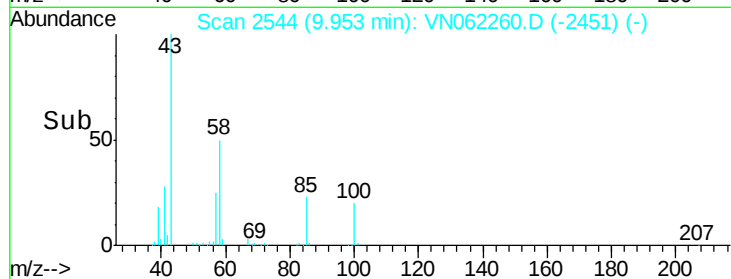
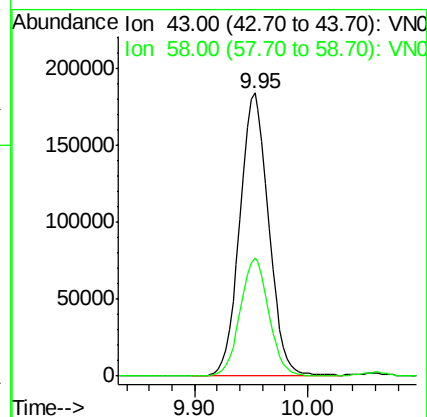
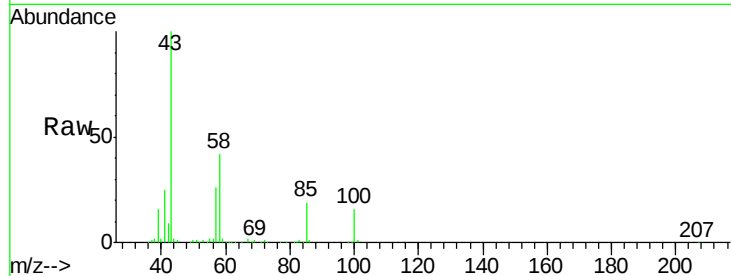
58 41.2 34.2 51.2

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#52

Toluene

Concen: 17.769 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062260.D

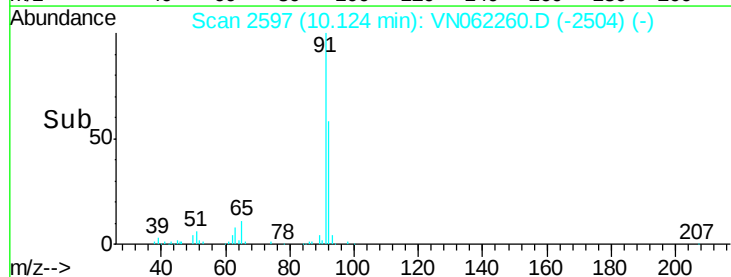
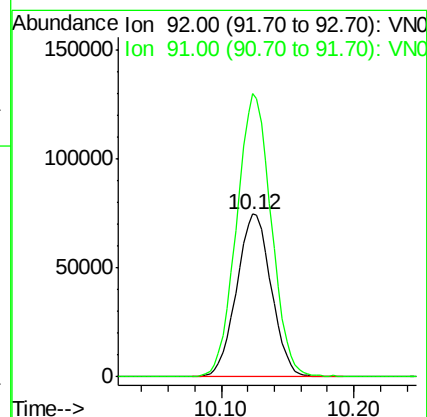
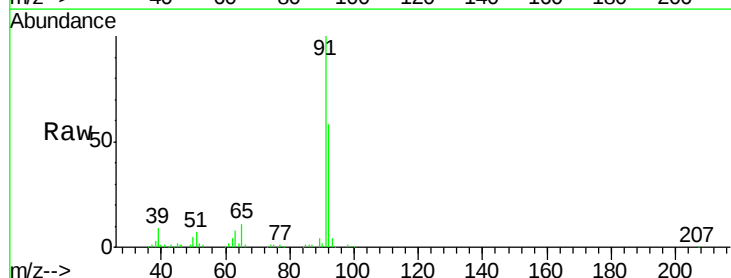
Acq: 1 Jul 2020 00:41

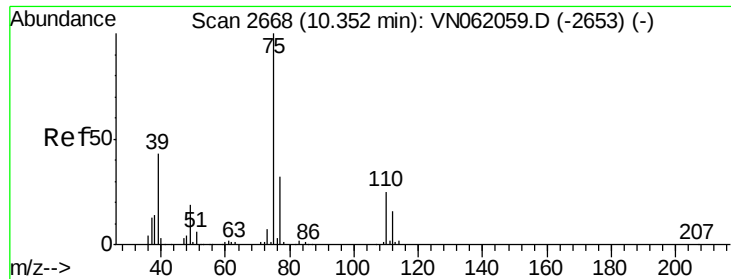
Tgt Ion: 92 Resp: 135817

Ion Ratio Lower Upper

92 100

91 174.1 137.4 206.0





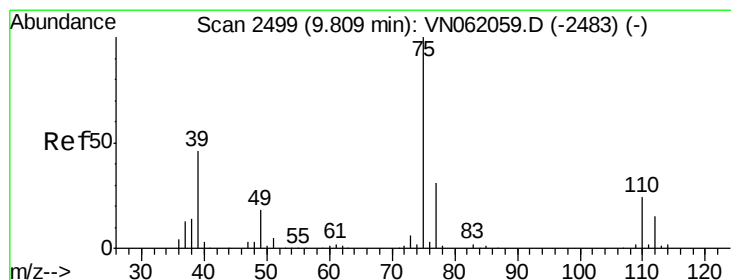
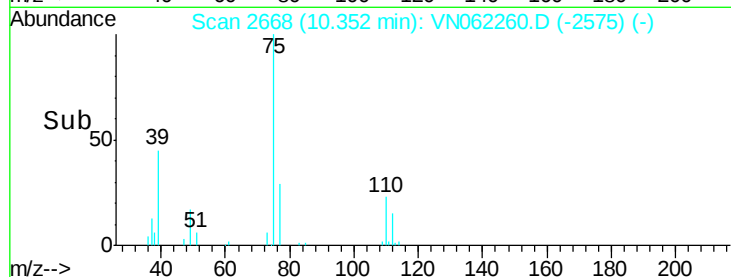
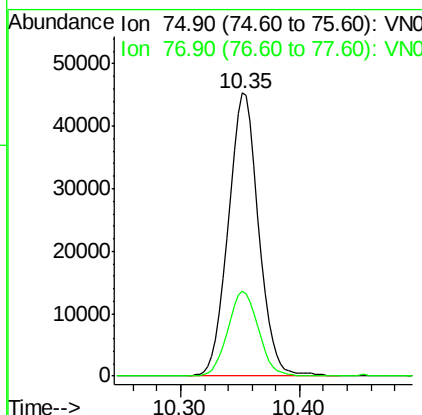
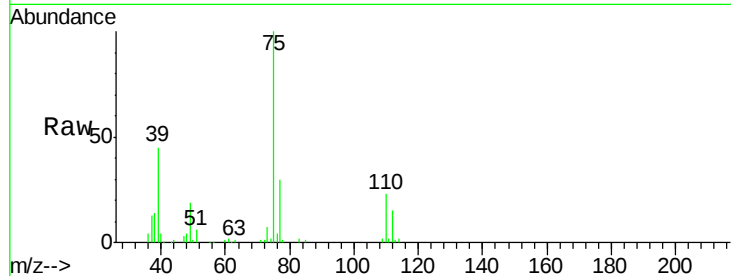
#53
t-1,3-Dichloropropene
Concen: 17.189 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.5	38.3

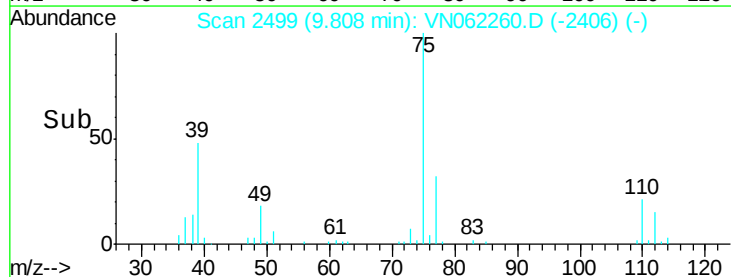
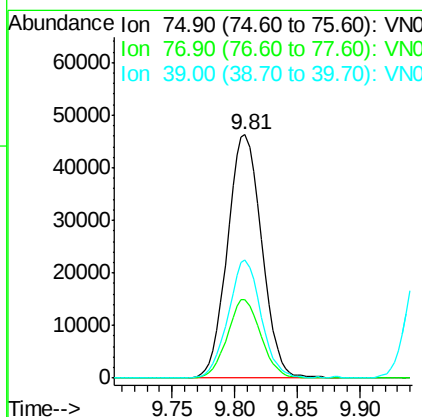
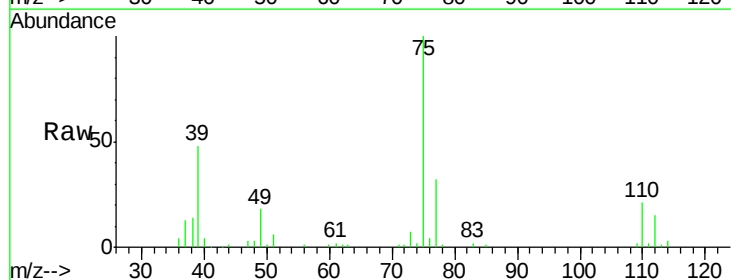
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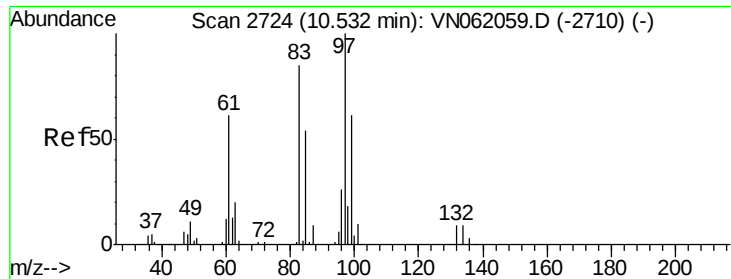
MMDadoda
7/1/2020 11:04:18 AM



#54
cis-1,3-Dichloropropene
Concen: 17.786 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.6
39	48.3	36.9	55.3





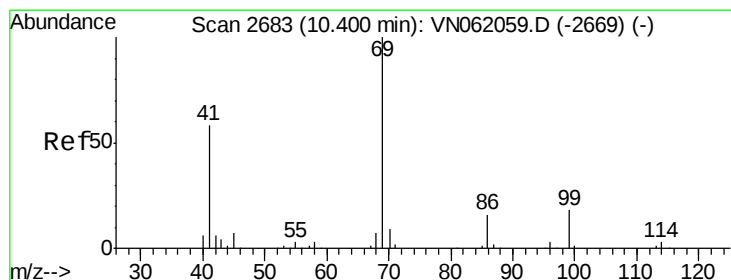
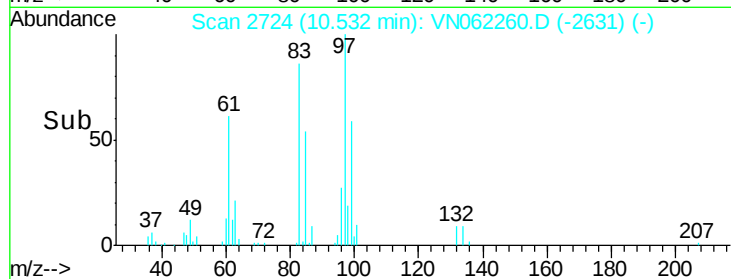
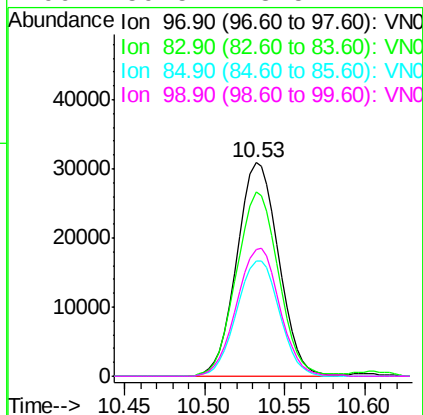
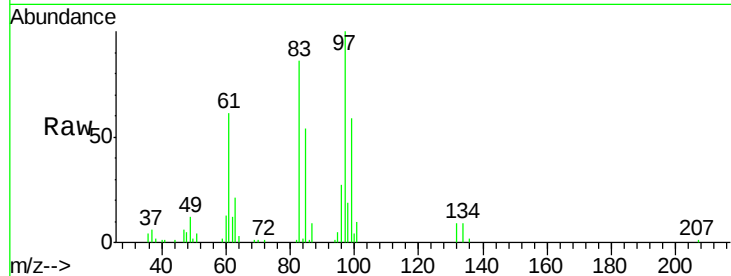
#55
 1,1,2-Trichloroethane
 Concen: 18.372 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.2	102.2
85	53.7	43.2	64.8
99	59.5	48.5	72.7

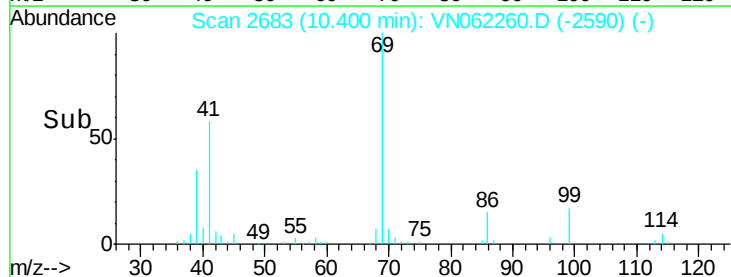
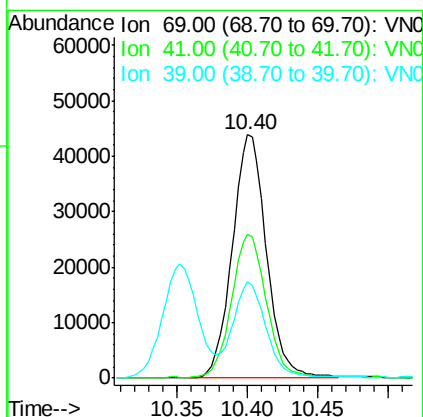
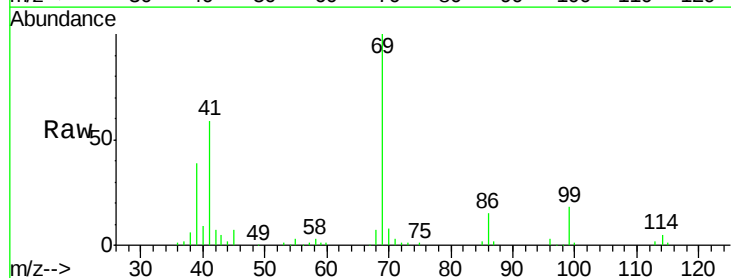
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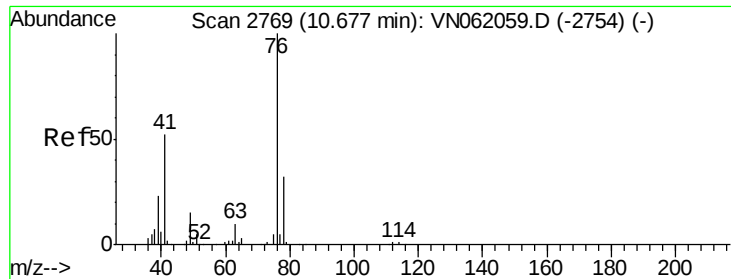
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 7/1/2020 11:04:18 AM



#56
 Ethyl methacrylate
 Concen: 18.588 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.2	46.6	70.0
39	38.8	31.0	46.4





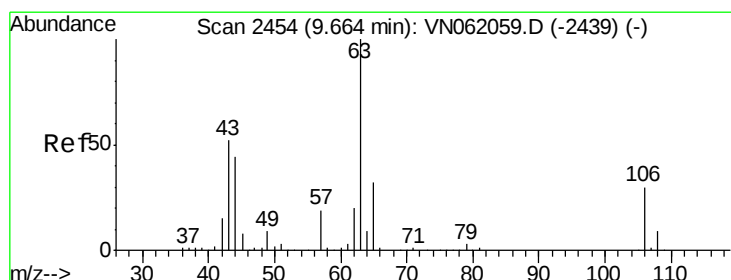
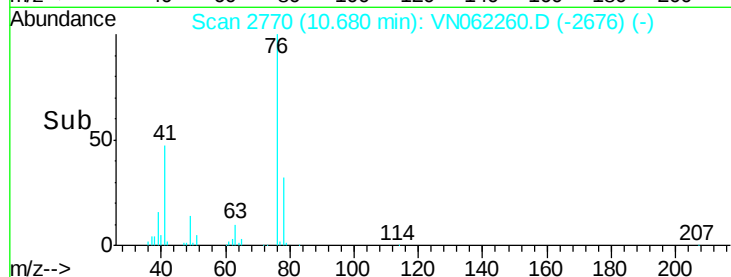
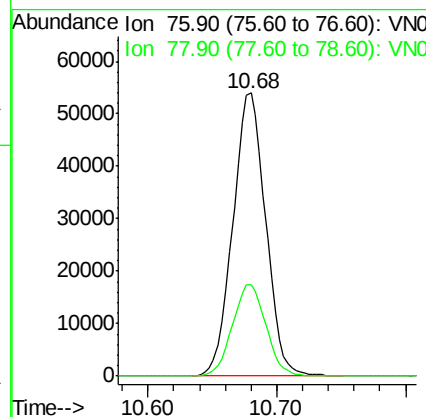
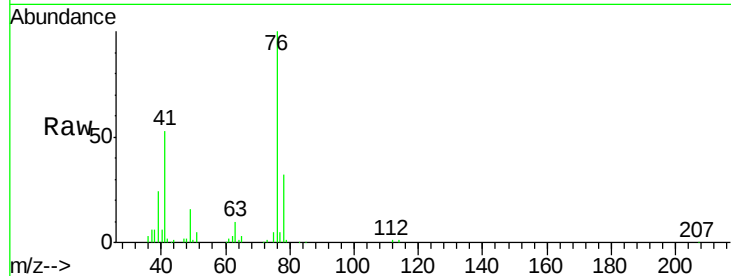
#57
 1,3-Dichloropropane
 Concen: 18.414 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion: 76 Resp: 95229
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8

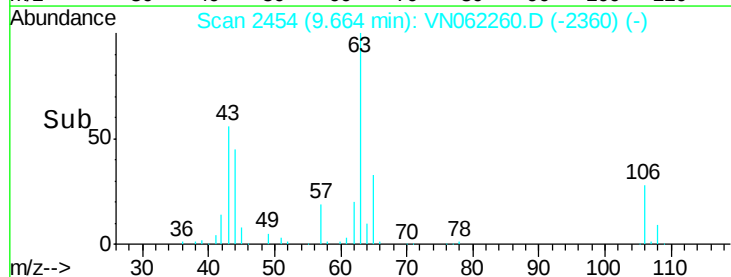
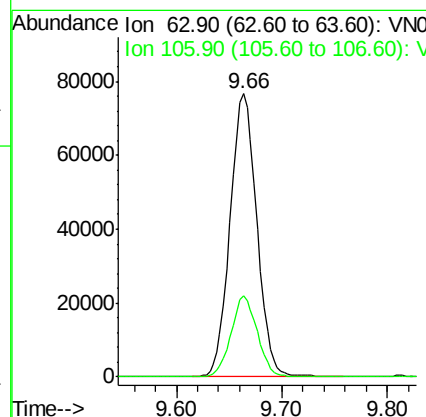
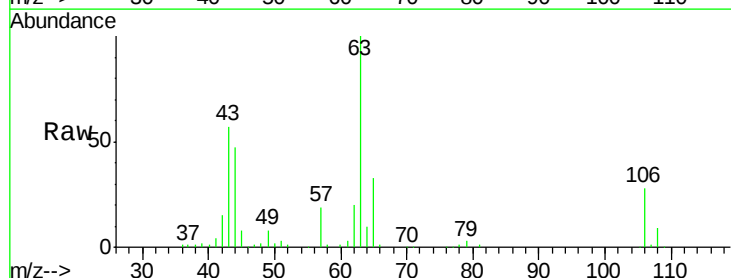
Manual Integrations
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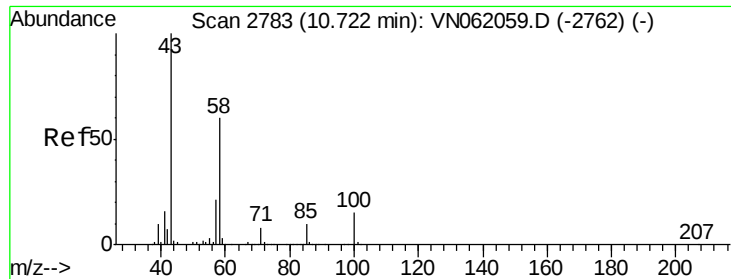
MMDadoda
 7/1/2020 11:04:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.940 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 63 Resp: 134728
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.2 34.8





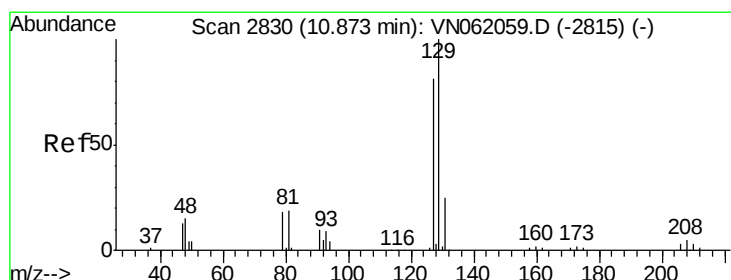
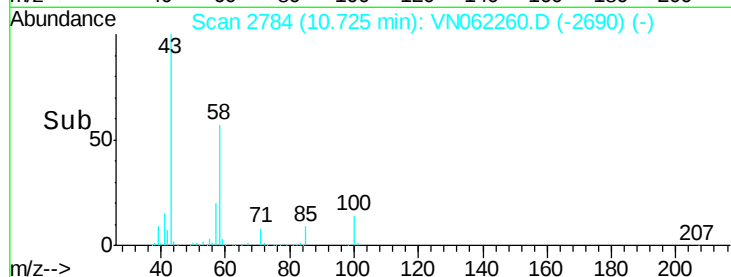
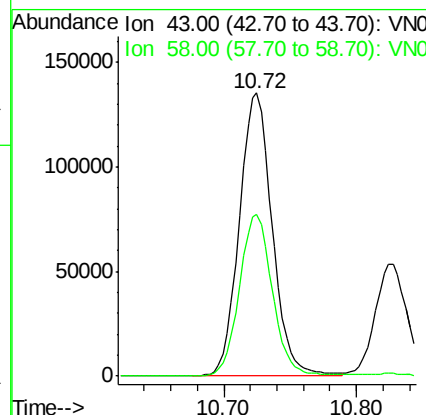
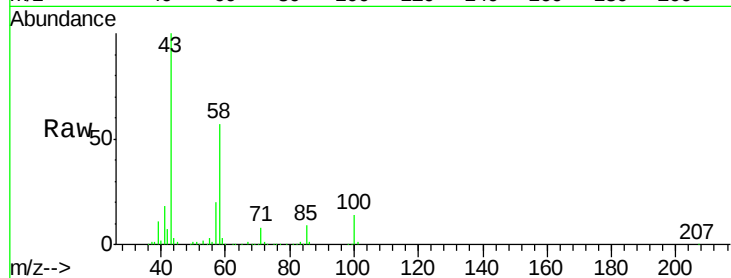
#59
2-Hexanone
Concen: 100.088 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion: 43 Resp: 234265
Ion Ratio Lower Upper
43 100
58 57.3 29.5 88.5

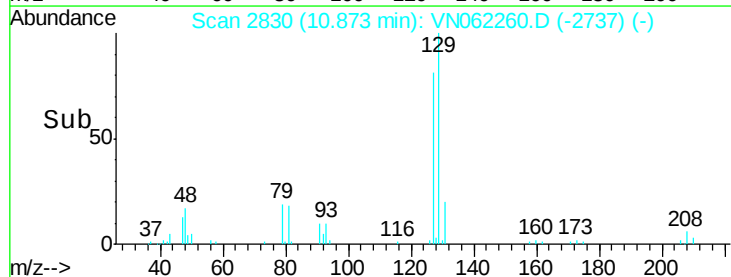
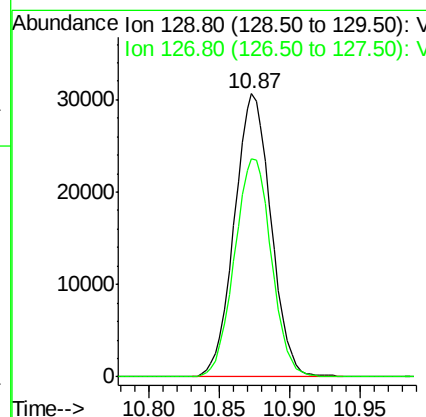
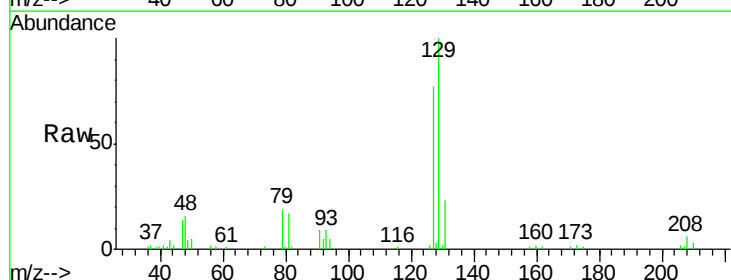
Manual Integrations
APPROVED

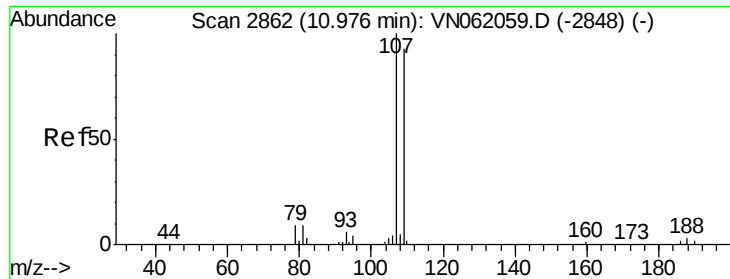
MMDadoda
7/1/2020 11:04:18 AM



#60
Dibromochloromethane
Concen: 17.518 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 129 Resp: 55723
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5





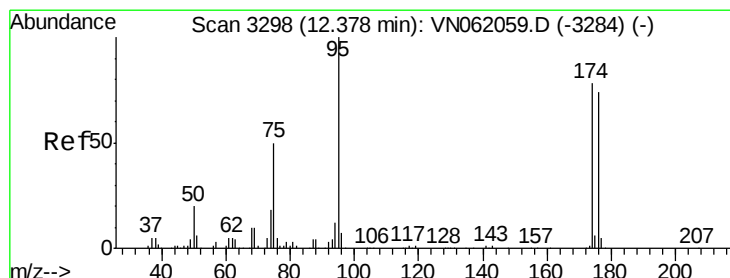
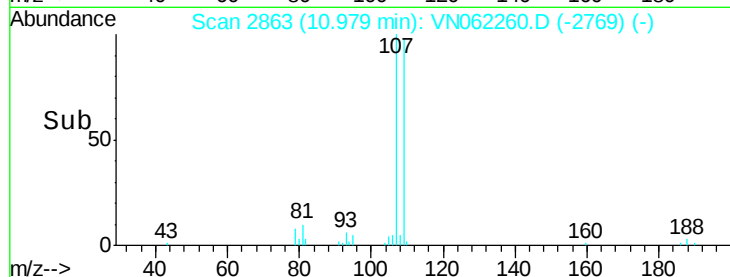
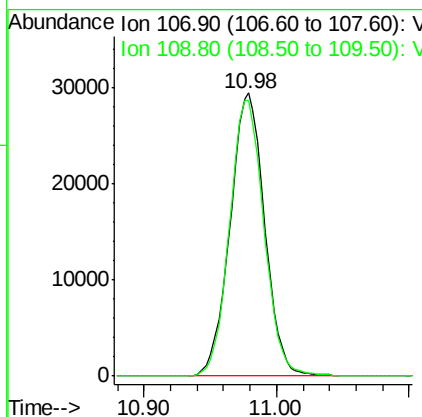
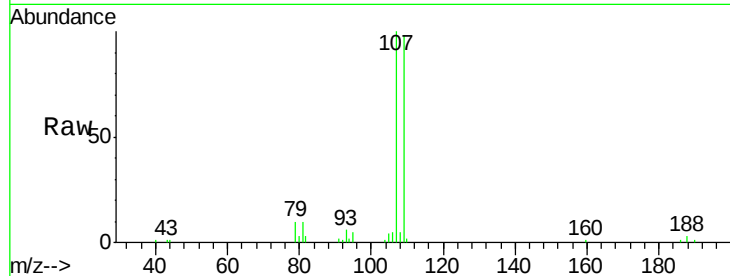
#61
 1,2-Dibromoethane
 Concen: 17.258 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion:107 Resp: 53278
 Ion Ratio Lower Upper
 107 100
 109 97.3 75.0 112.6

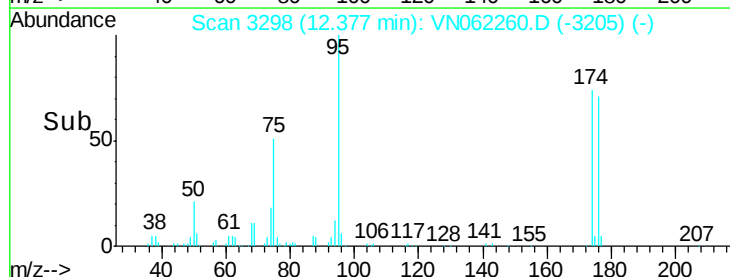
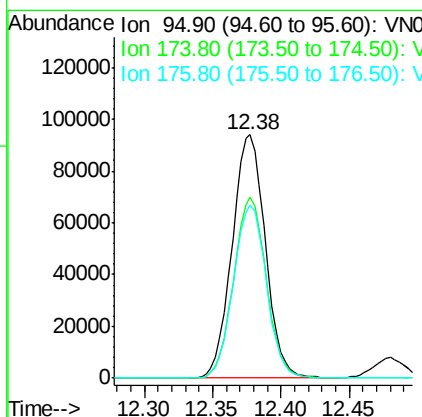
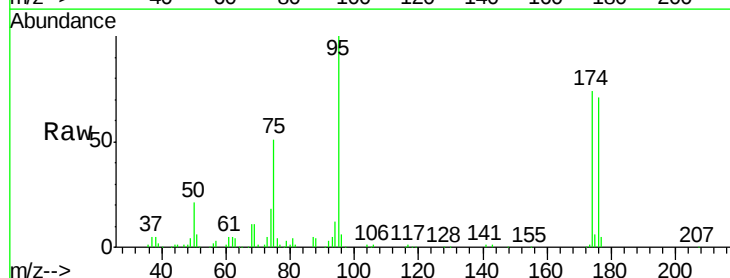
Manual Integrations
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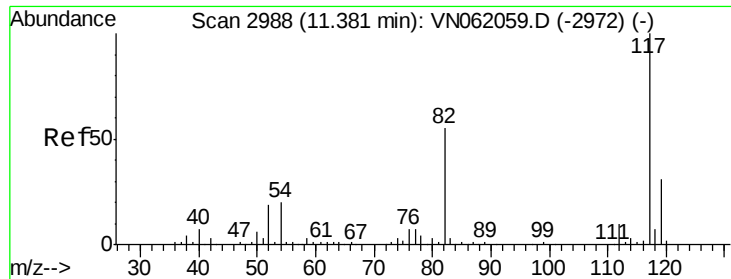
MMDadoda
 7/1/2020 11:04:18 AM



#62
 4-Bromofluorobenzene
 Concen: 44.890 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 95 Resp: 159034
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 154.8
 176 70.6 0.0 147.4





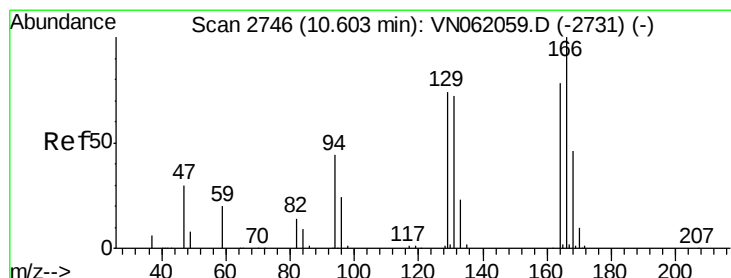
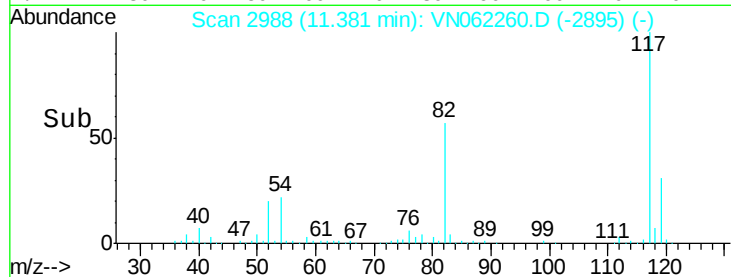
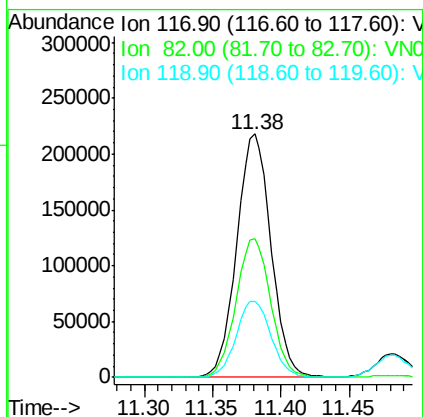
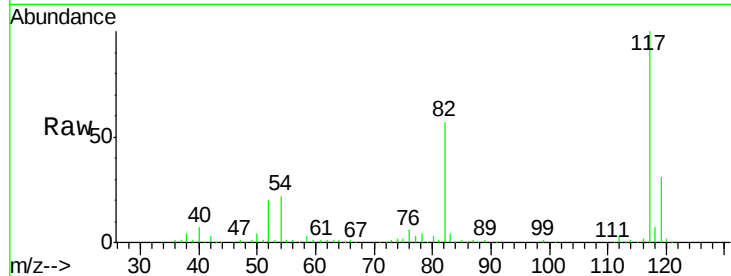
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.8	65.8
119	31.4	25.2	37.8

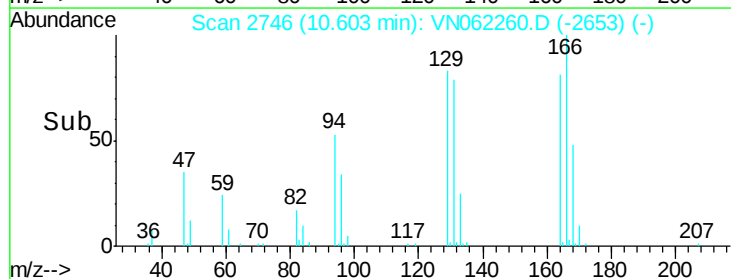
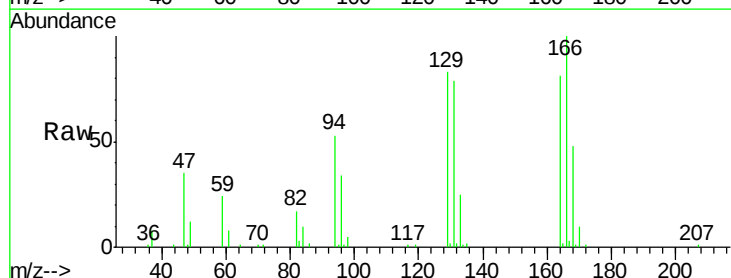
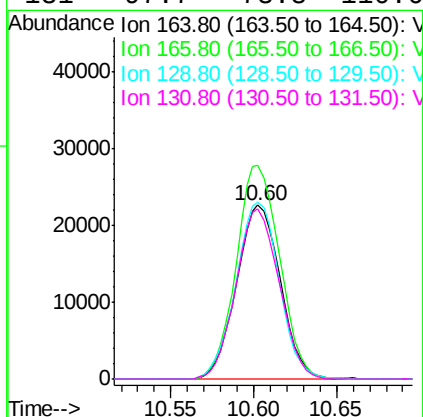
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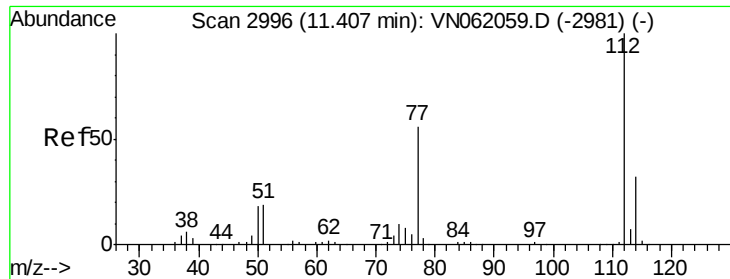
MMDadoda
7/1/2020 11:04:18 AM



#64
Tetrachloroethene
Concen: 15.984 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.0	102.9	154.3
129	102.1	75.8	113.8
131	97.7	73.8	110.6





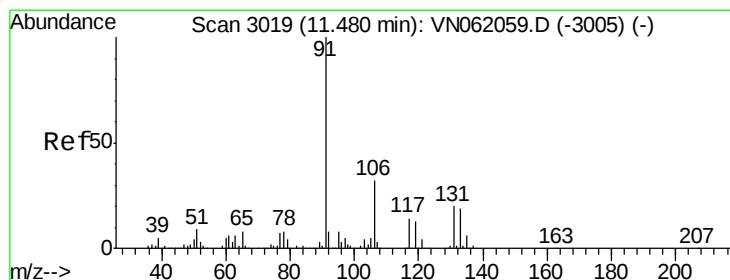
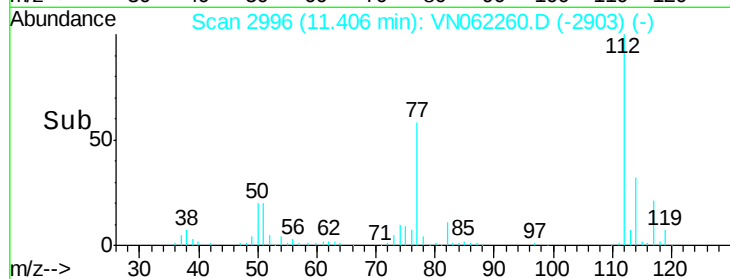
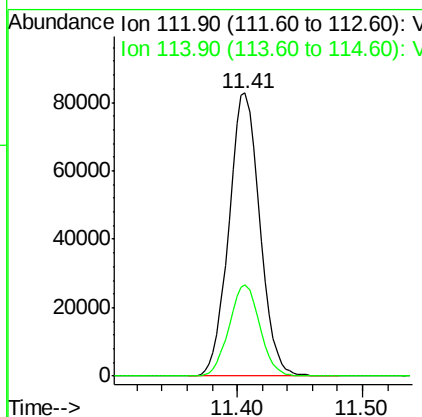
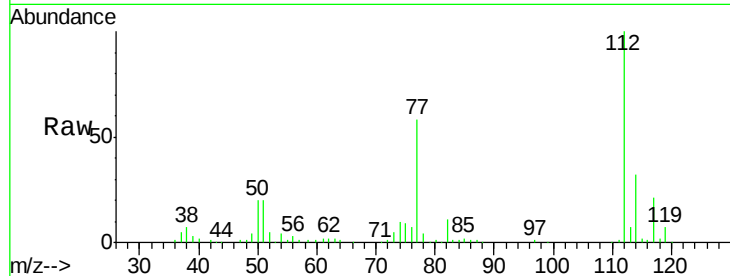
#65
Chlorobenzene
Concen: 16.949 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion:112 Resp: 141467
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

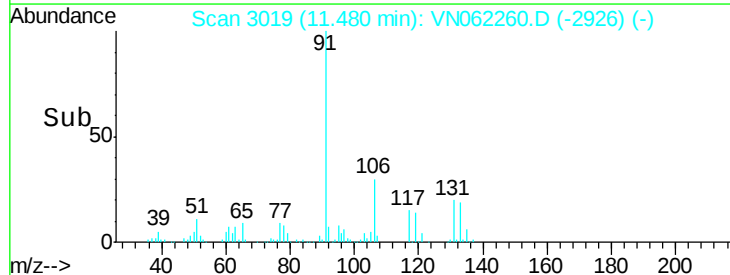
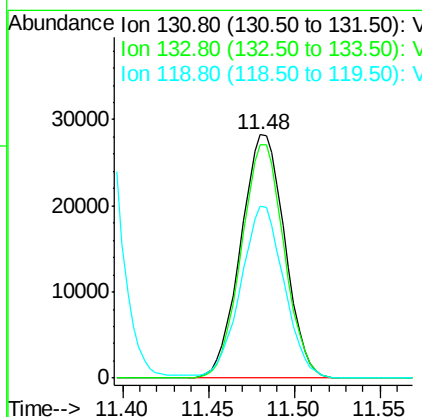
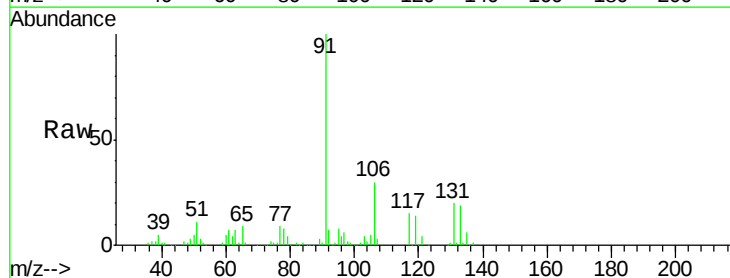
Manual Integrations
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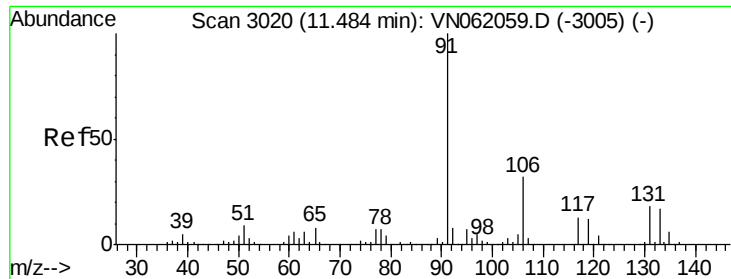
MMDadoda
7/1/2020 11:04:18 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.425 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion:131 Resp: 50293
Ion Ratio Lower Upper
131 100
133 93.0 47.6 142.9
119 69.5 34.4 103.3





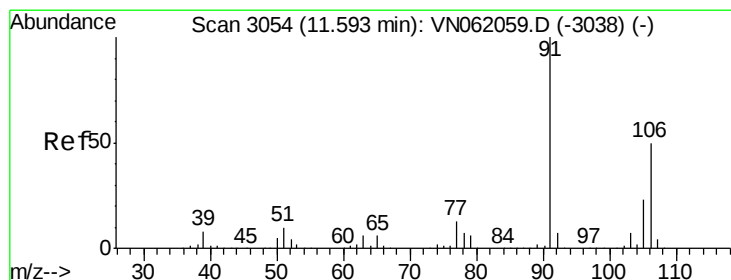
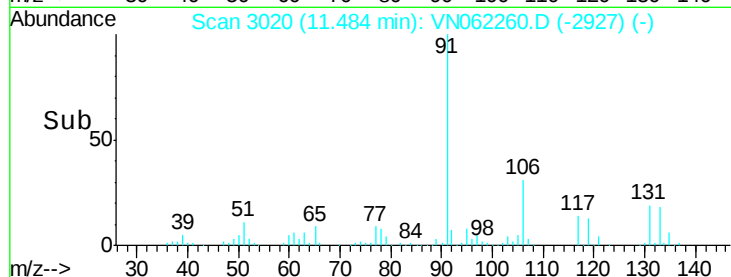
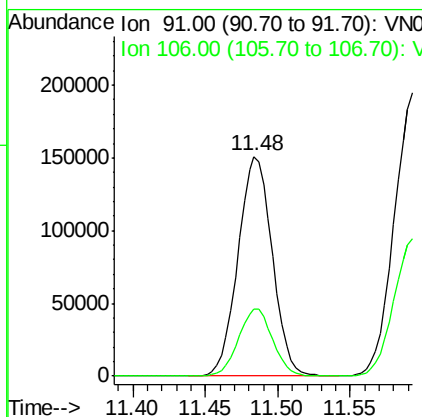
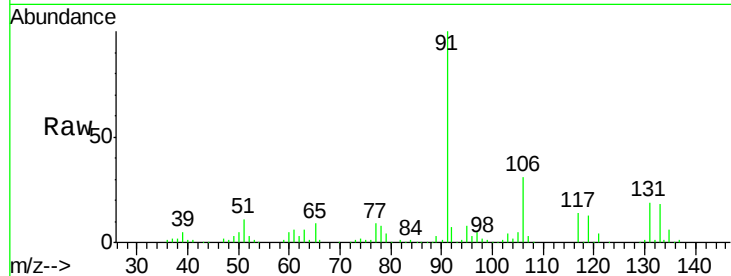
#67
Ethyl Benzene
Concen: 17.621 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD02

Tot Ion: 91 Resp: 248391
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9

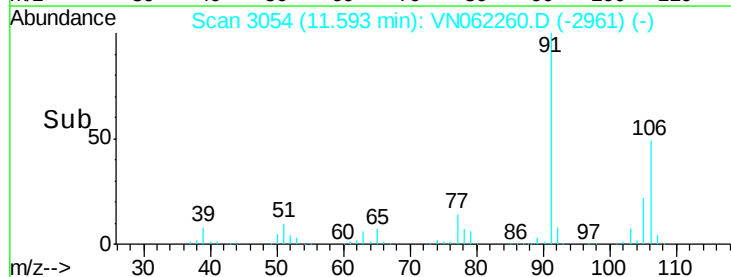
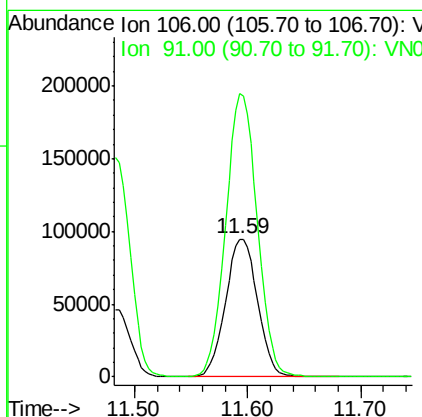
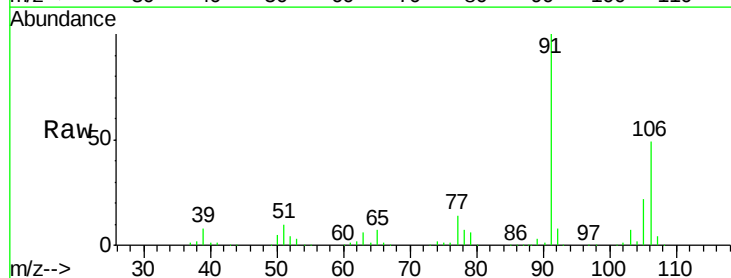
Manual Integrations
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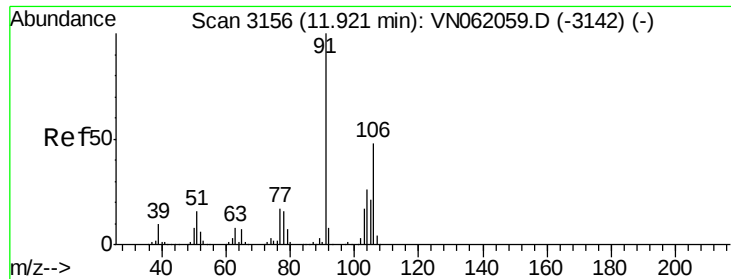
MMDadoda
7/1/2020 11:04:18 AM



#68
m/p-Xylenes
Concen: 34.246 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 106 Resp: 186718
Ion Ratio Lower Upper
106 100
91 201.4 157.8 236.8





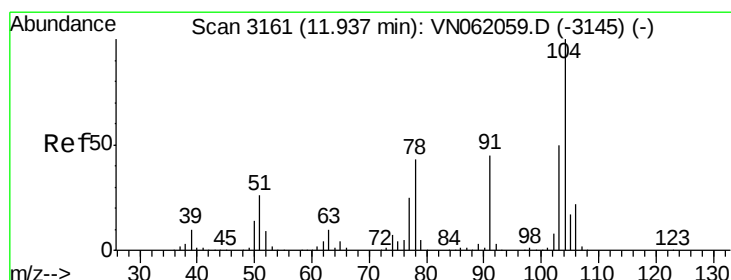
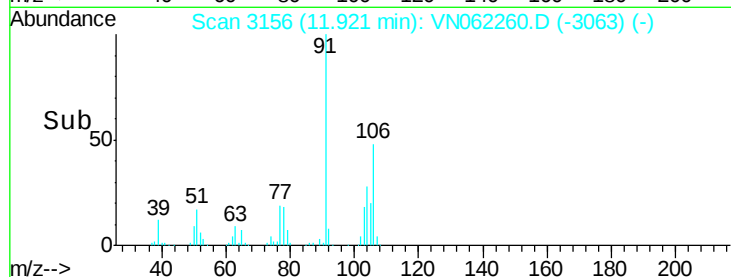
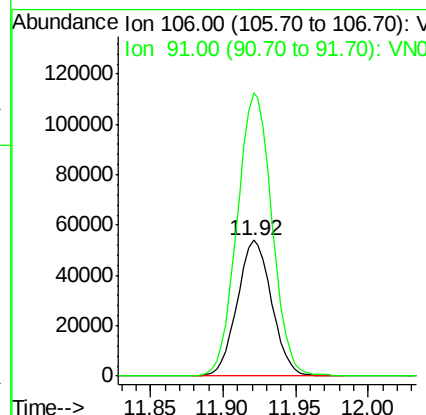
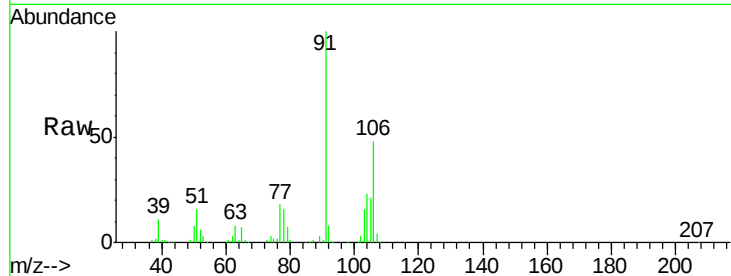
#69
o-Xylene
Concen: 17.284 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion:106 Resp: 88912
Ion Ratio Lower Upper
106 100
91 211.6 104.0 311.9

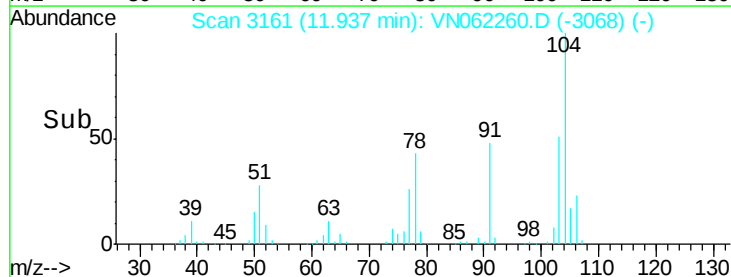
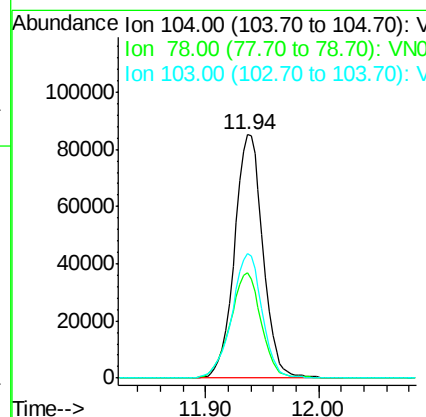
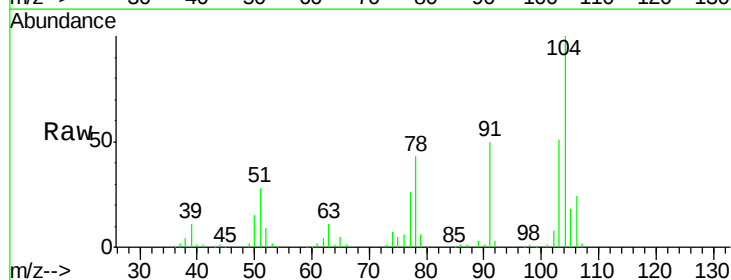
Manual Integrations
APPROVED

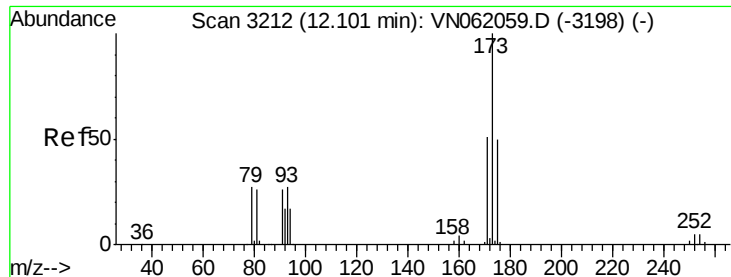
MMDadoda
7/1/2020 11:04:18 AM



#70
Styrene
Concen: 17.406 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion:104 Resp: 149336
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 54.2 43.0 64.6





#71

Bromoform

Concen: 15.831 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

Tot Ion:173 Resp: 32486

Ion Ratio Lower Upper

173 100

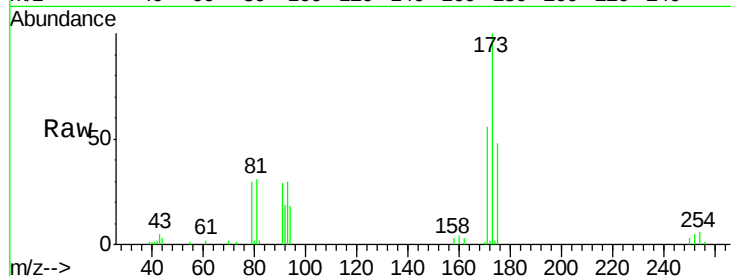
175 48.9 24.7 74.1

254 0.0 0.0 0.0

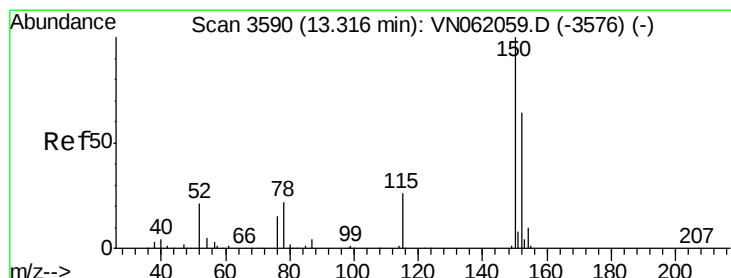
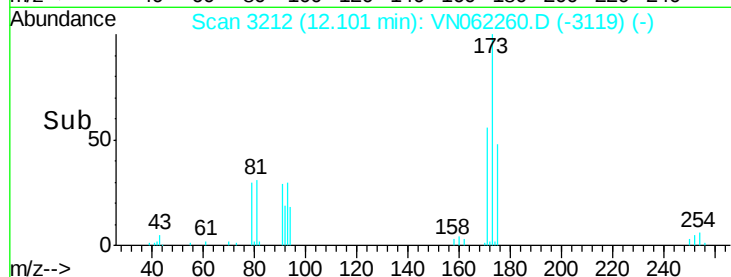
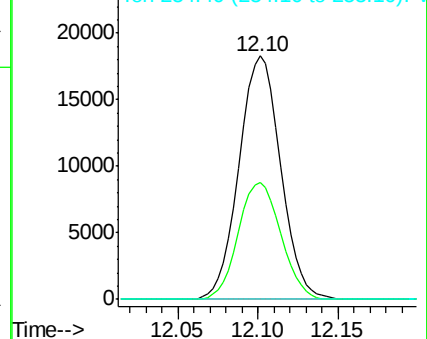
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

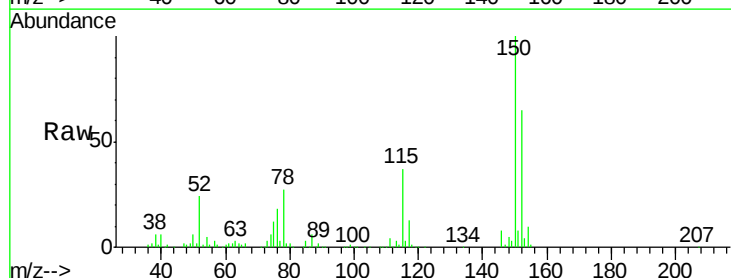
Tgt Ion:152 Resp: 163359

Ion Ratio Lower Upper

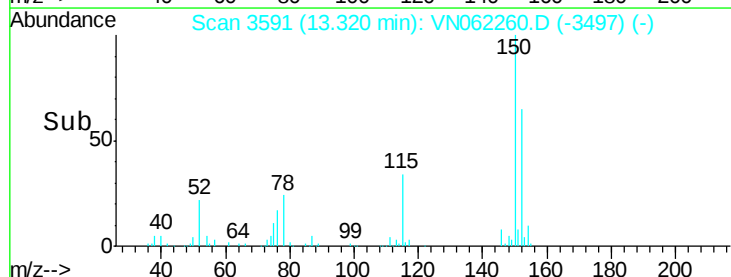
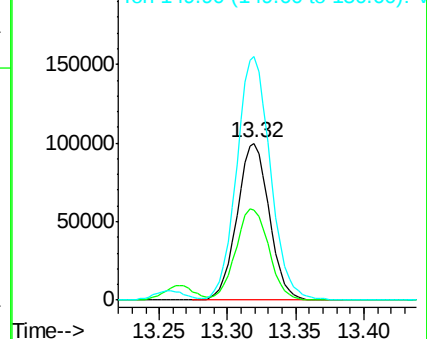
152 100

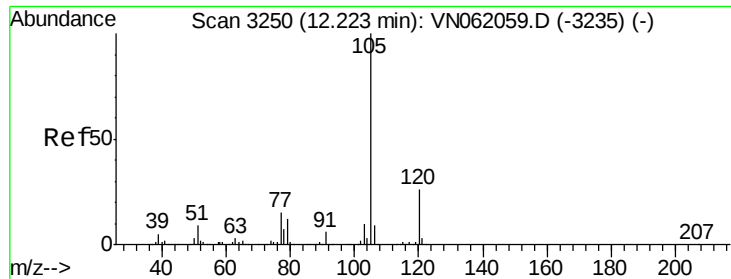
115 59.9 29.5 88.5

150 162.9 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: 18.821 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampled :

VN0630WBSD02

Tot Ion: 105 Resp: 237996

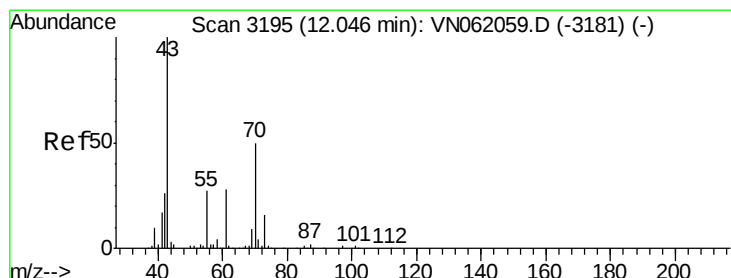
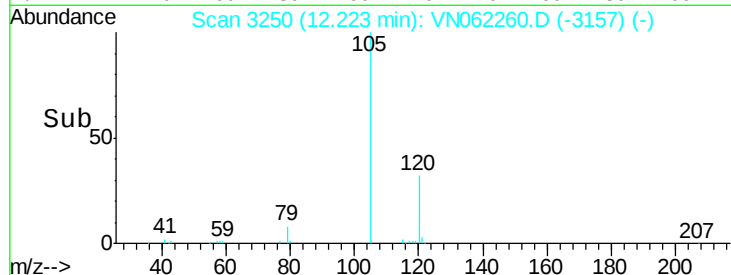
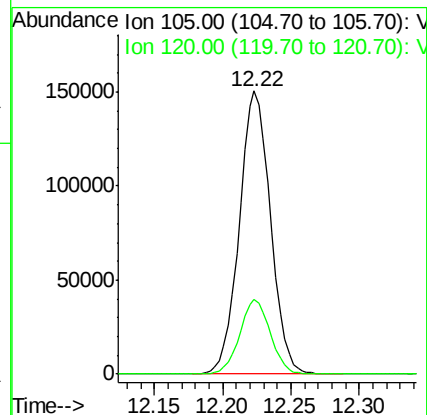
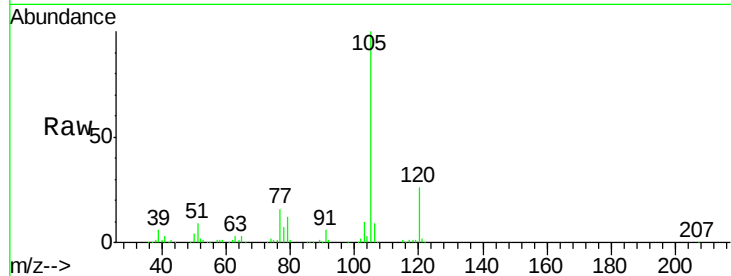
Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6

Manual Integrations
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7/1/2020 11:04:18 AM



#74

N-ethyl acetate

Concen: 20.210 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion: 43 Resp: 84140

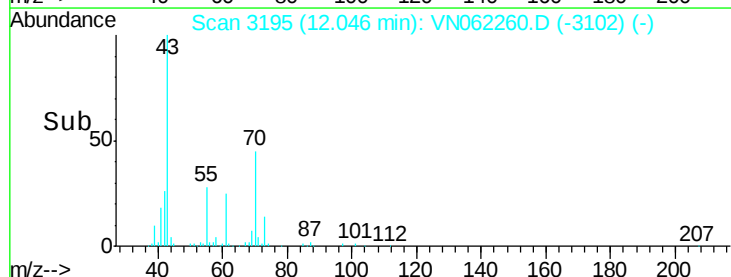
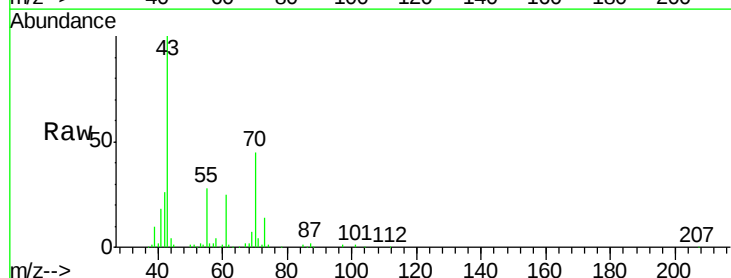
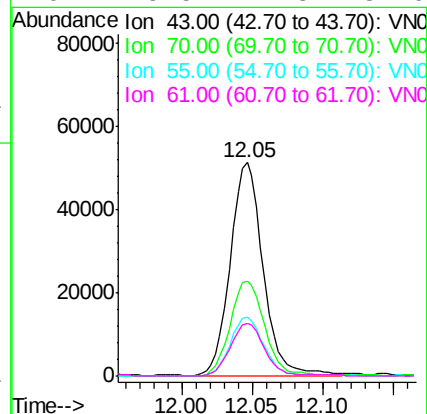
Ion Ratio Lower Upper

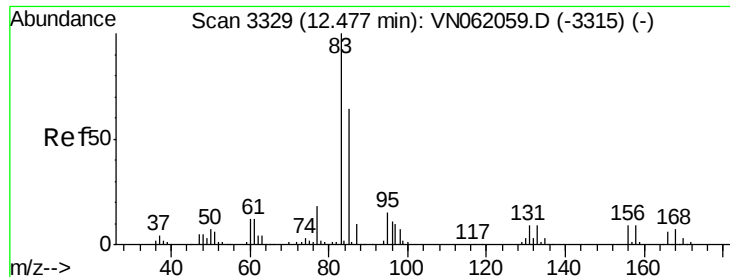
43 100

70 46.3 39.4 59.2

55 28.4 21.7 32.5

61 25.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.608 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

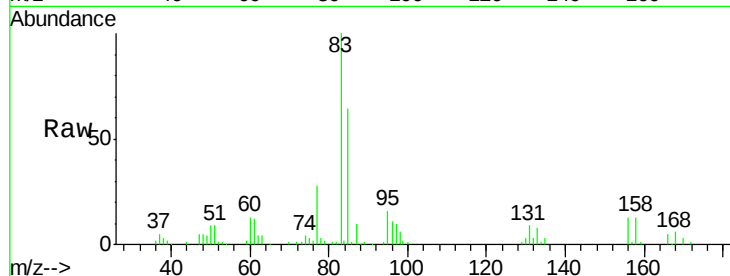
ClientSampleId :

VN0630WBSD02

Tot Ion:	83	Resp:	82510
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.8	14.4
85	65.2	32.4	97.0

Manual Integrations
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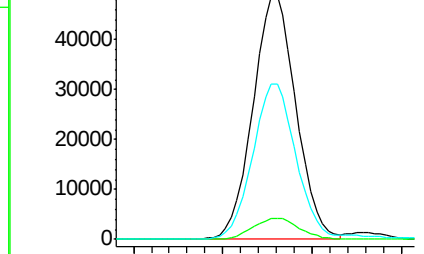
MMDadoda
7/1/2020 11:04:18 AM



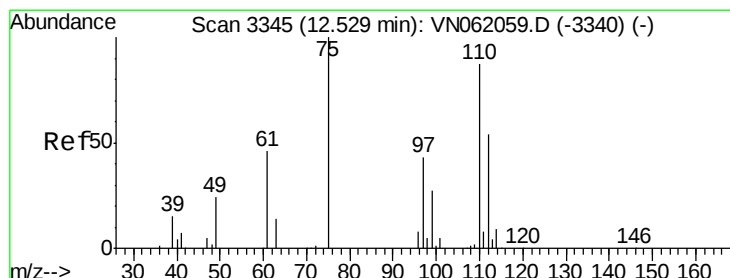
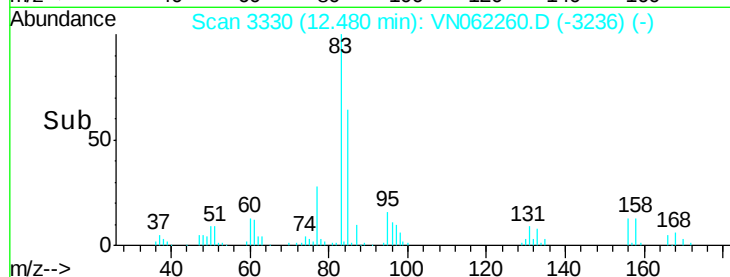
Abundance Ion 82.90 (82.60 to 83.60): VN062260.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062260.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062260.D (-3236) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 17.625 ug/l m

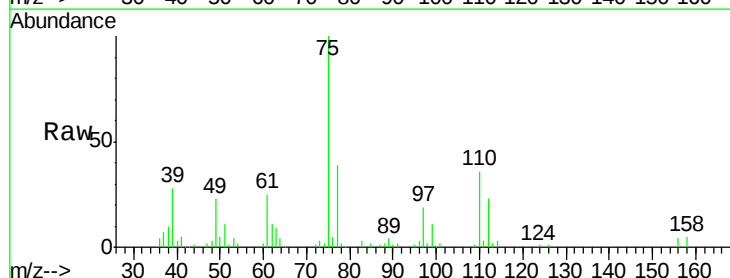
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062260.D

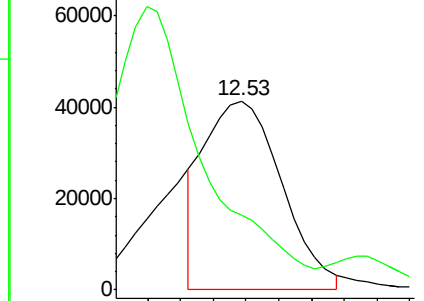
Acq: 1 Jul 2020 00:41

Tgt Ion:	75	Resp:	67779
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

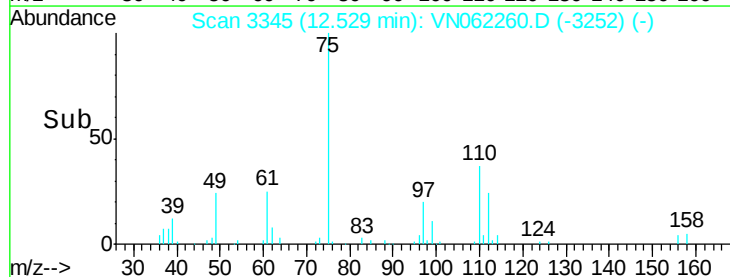


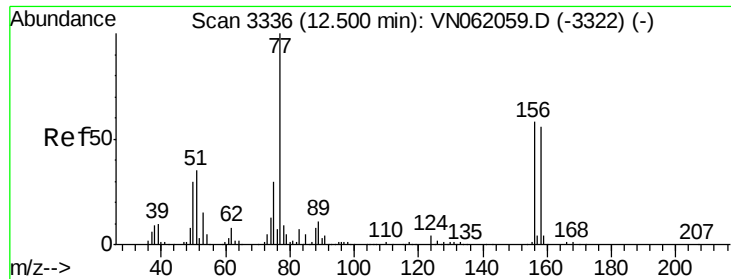
Abundance Ion 74.90 (74.60 to 75.60): VN062260.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062260.D (-3252) (-)



Time-->





#77

Bromobenzene

Concen: 17.505 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

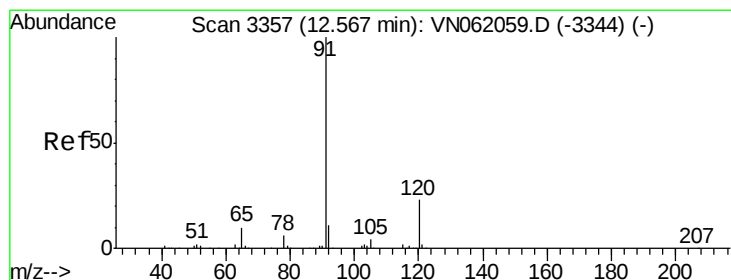
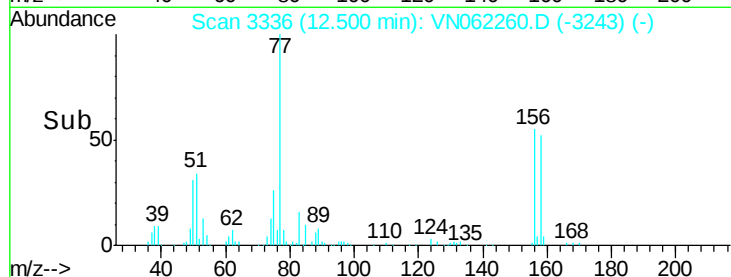
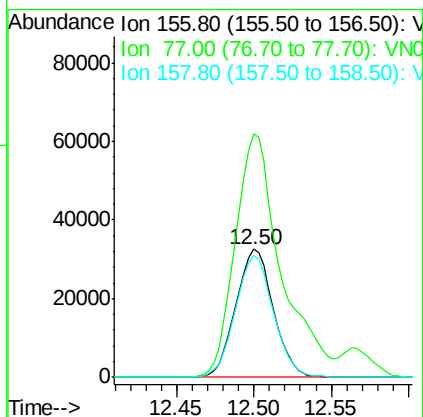
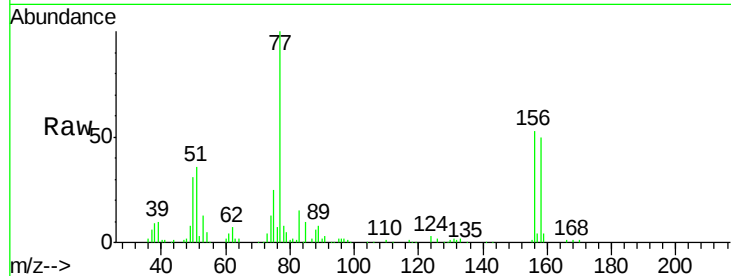
ClientSampled :

VN0630WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	231.8	104.6	313.8	
158	96.4	48.0	144.0	

Manual Integrations
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#78

n-propylbenzene

Concen: 18.697 ug/l

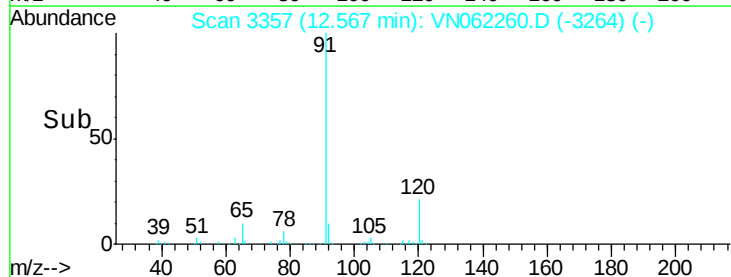
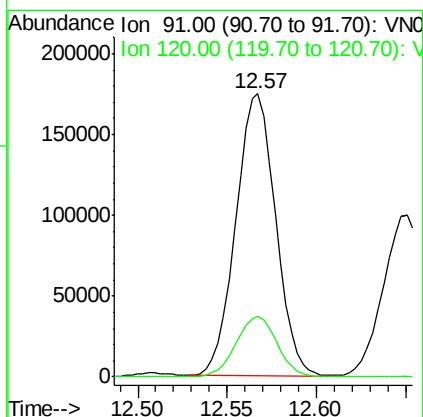
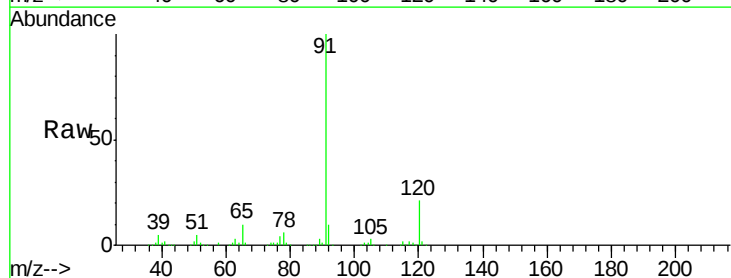
RT: 12.57 min Scan# 3357

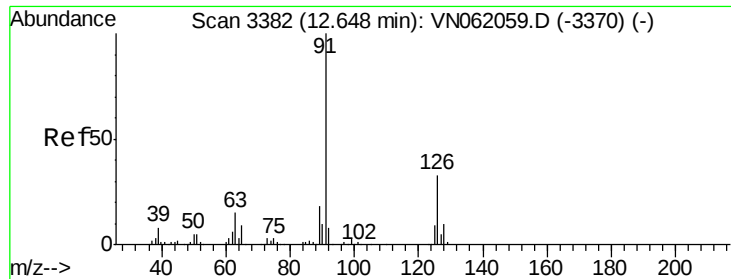
Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.1	11.4	34.1	





#79

2-Chlorotoluene

Concen: 18.620 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

Tot Ion: 91 Resp: 162820

Ion Ratio Lower Upper

91 100

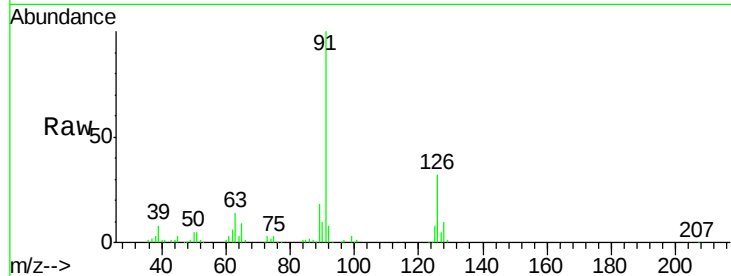
126 33.6 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062260.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062260.D (-3383) (-)

120000

100000

80000

60000

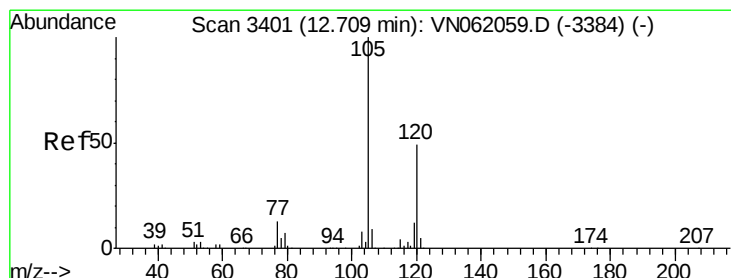
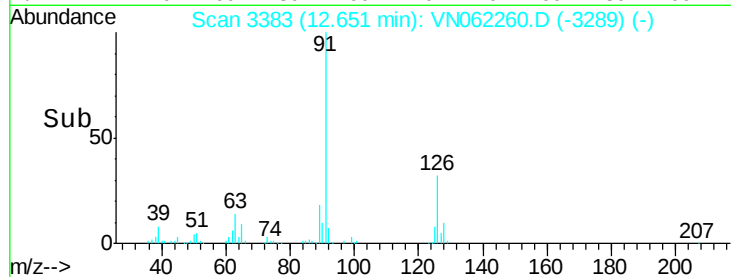
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.630 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062260.D

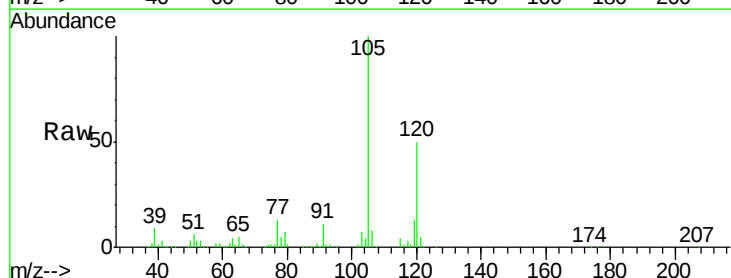
Acq: 1 Jul 2020 00:41

Tgt Ion: 105 Resp: 190973

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062260.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062260.D (-3401) (-)

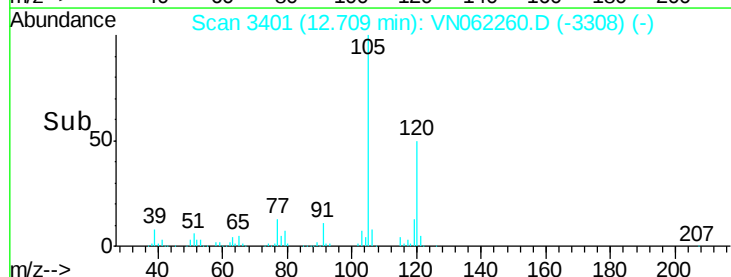
100000

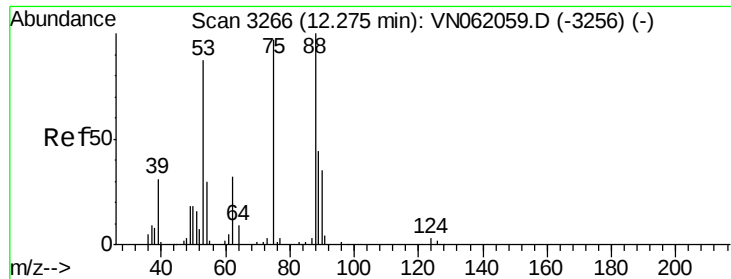
50000

0

12.70 12.71 12.72

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.126 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

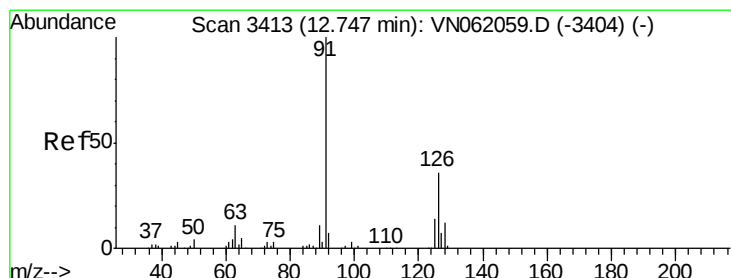
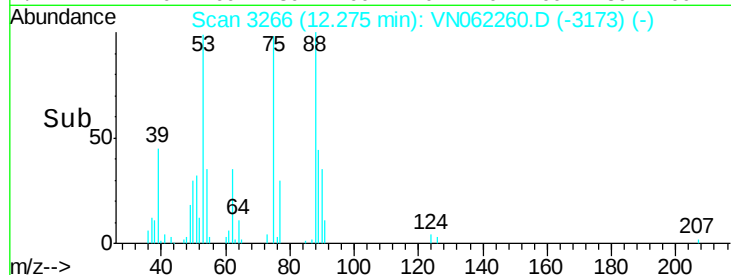
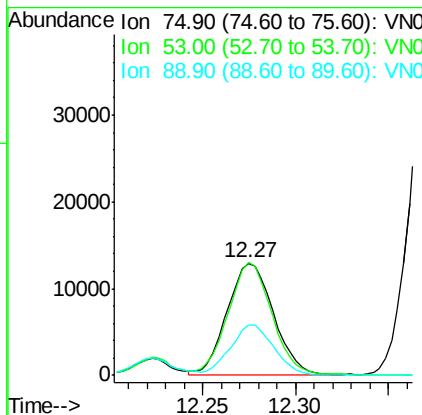
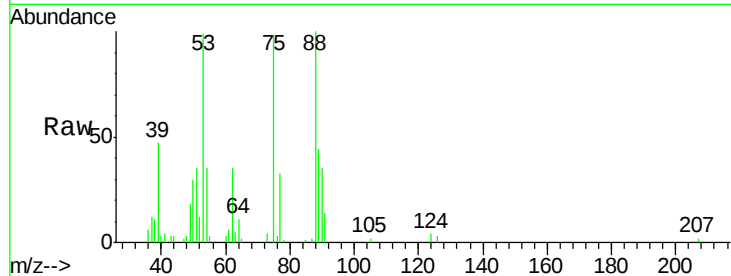
ClientSampleId :

VN0630WBSD02

Tot Ion:	75	Resp:	22552
Ion	Ratio	Lower	Upper
75	100		
53	96.2	72.0	108.0
89	41.8	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.477 ug/l

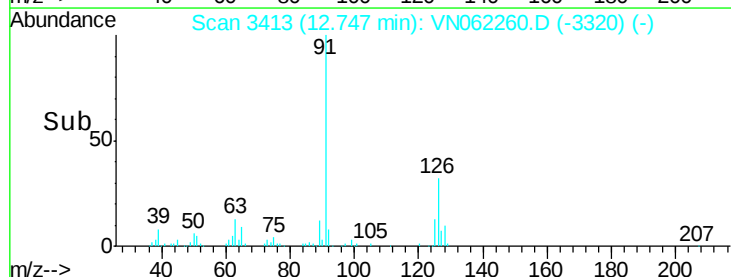
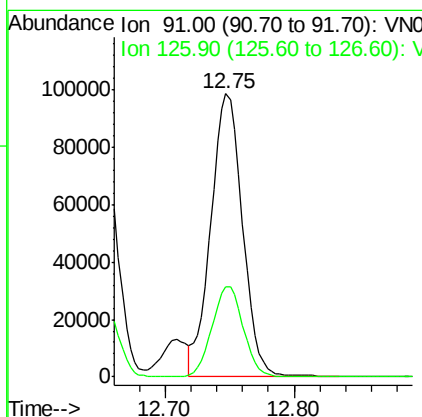
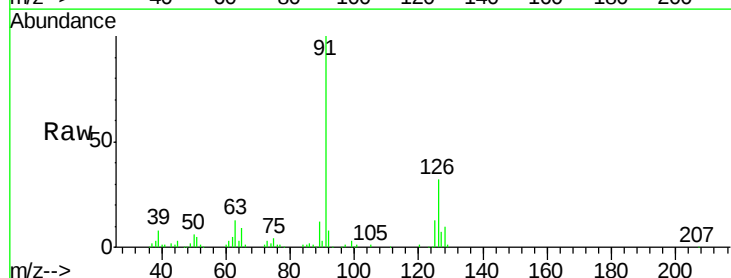
RT: 12.75 min Scan# 3413

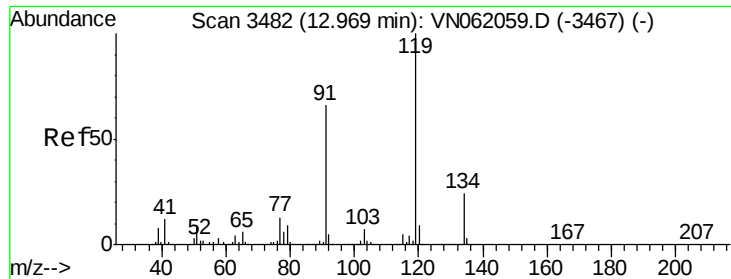
Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion:	91	Resp:	167082
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.7	50.1





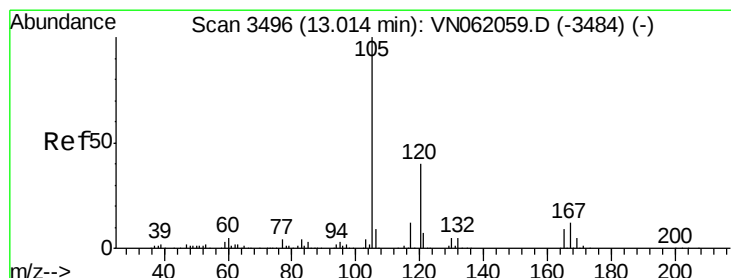
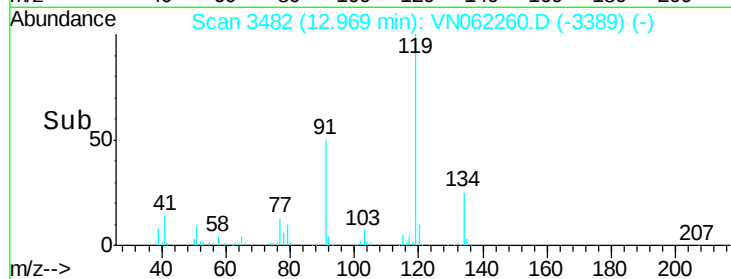
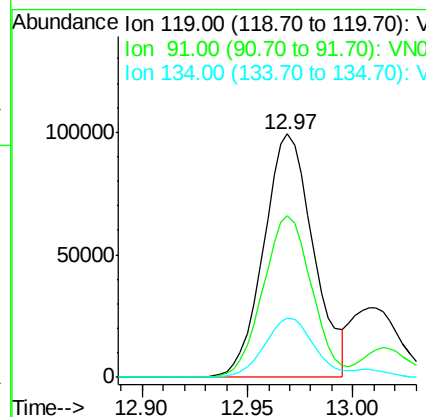
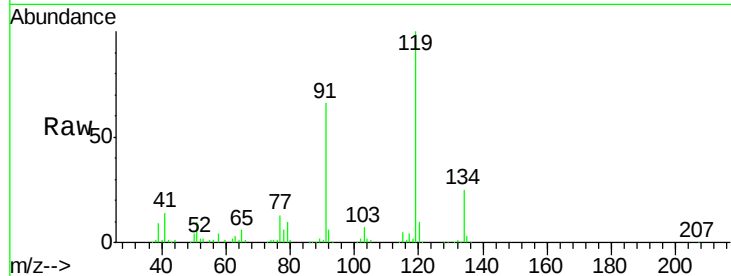
#83
tert-Butylbenzene
Concen: 18.579 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	162986		
91	65.4	31.7	95.1	
134	24.5	13.1	39.1	

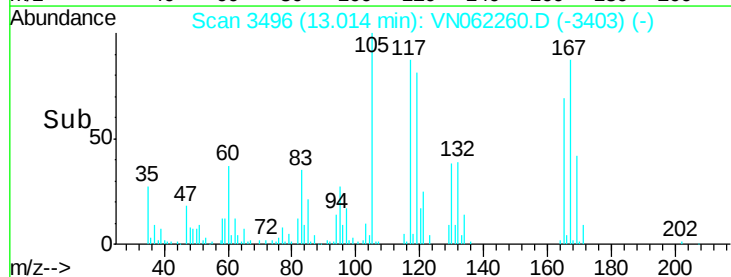
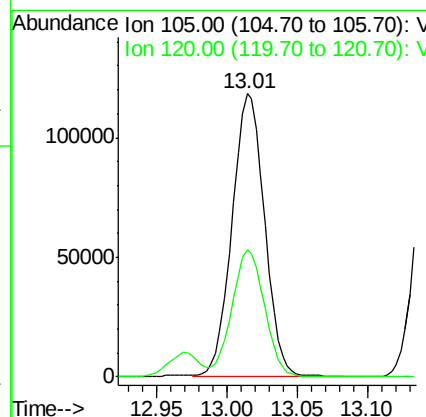
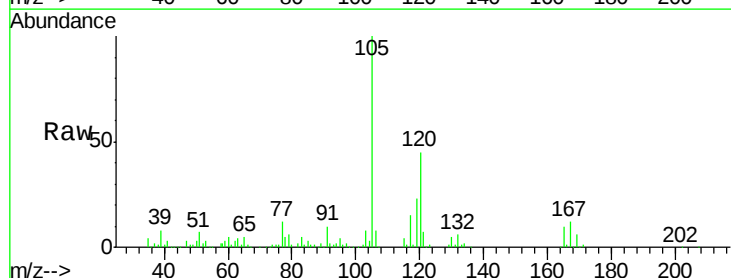
Manual Integrations
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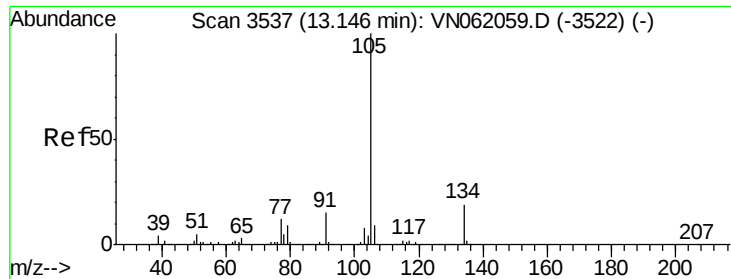
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.537 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189788		
120	45.5	23.2	69.5	





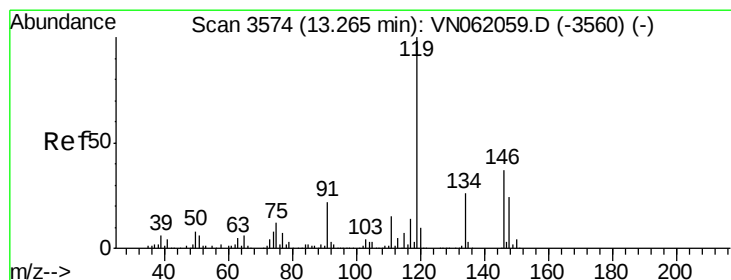
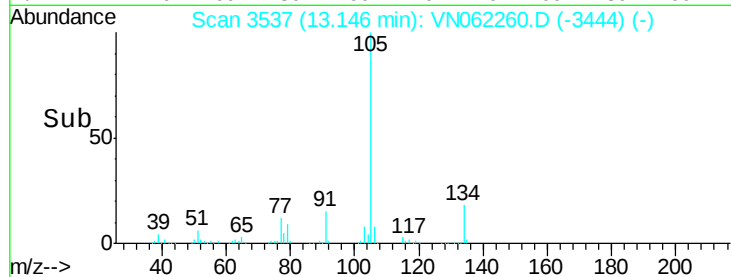
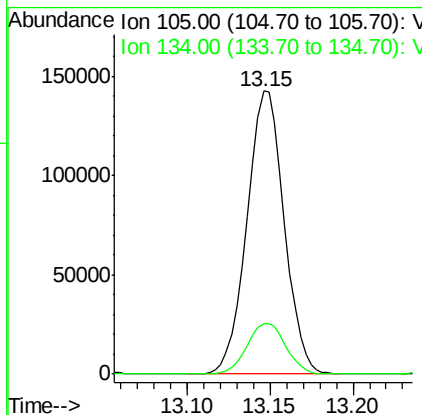
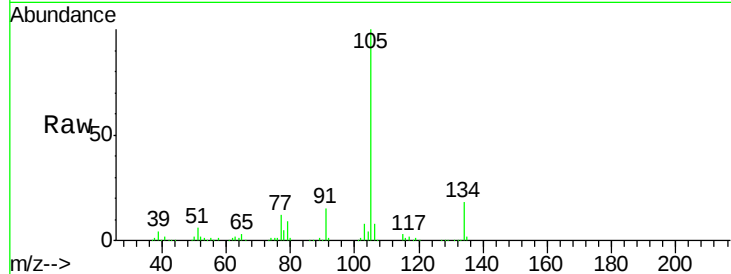
#85
 sec-Butylbenzene
 Concen: 19.141 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.7	29.1

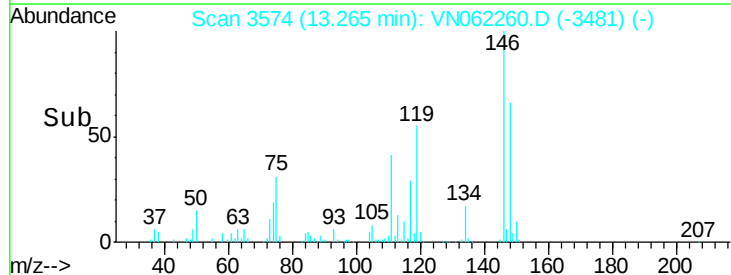
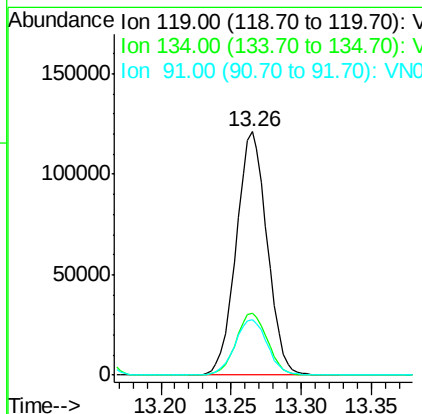
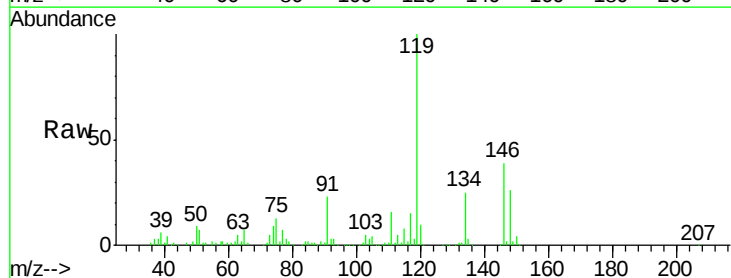
Manual Integrations
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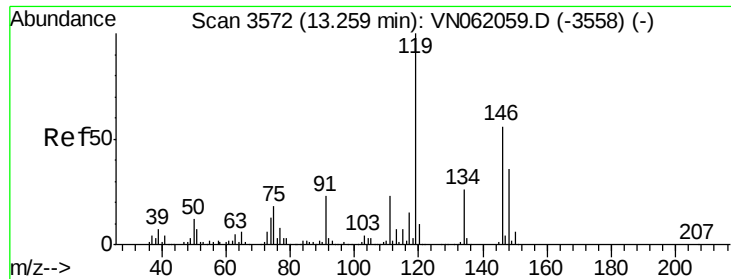
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#86
 p-Isopropyltoluene
 Concen: 18.325 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	23.9	11.3	33.8





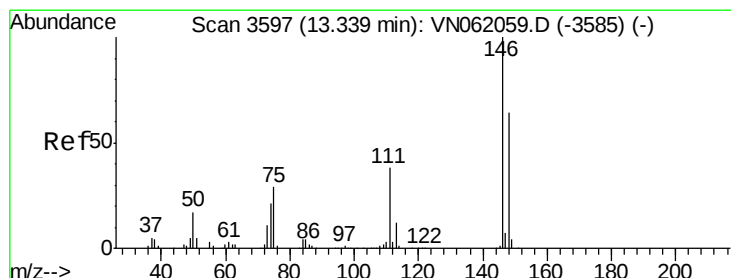
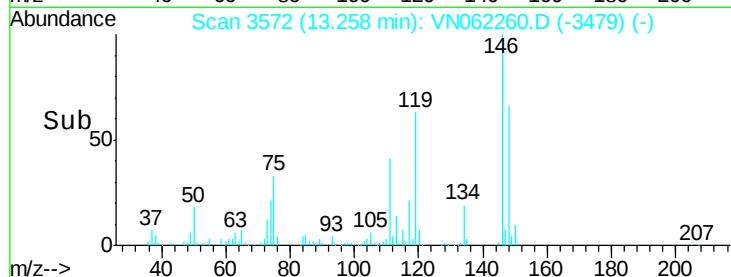
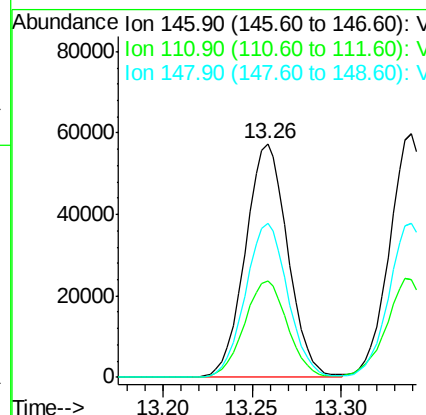
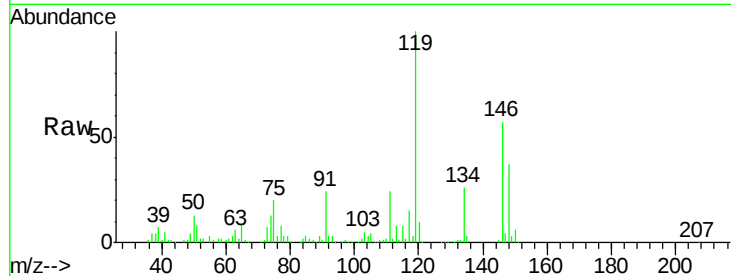
#87
 1,3-Dichlorobenzene
 Concen: 17.325 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	61.0
148	65.7	31.8	95.3

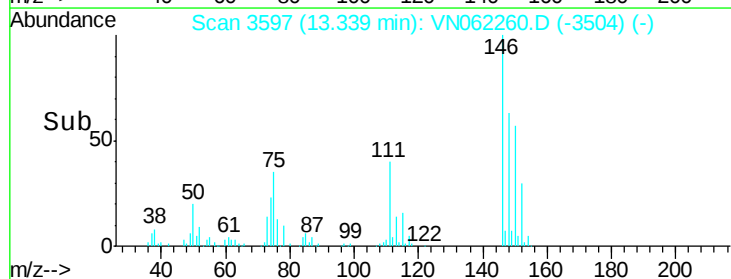
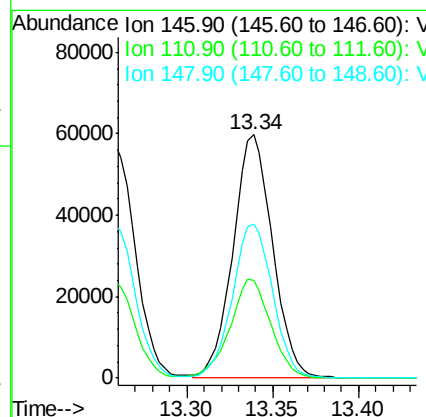
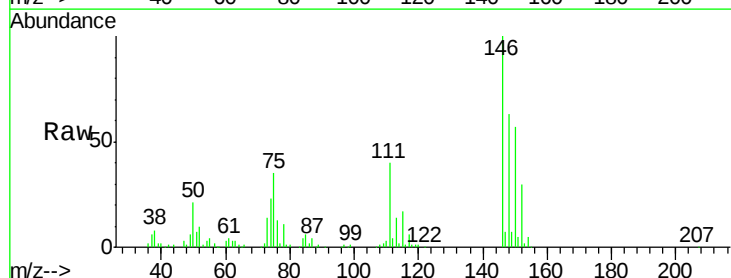
Manual Integrations
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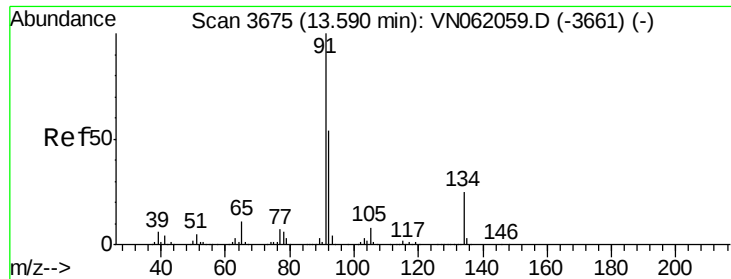
MMDadoda
 7/1/2020 11:04:18 AM



#88
 1,4-Dichlorobenzene
 Concen: 16.789 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.9	59.6
148	65.2	31.9	95.9





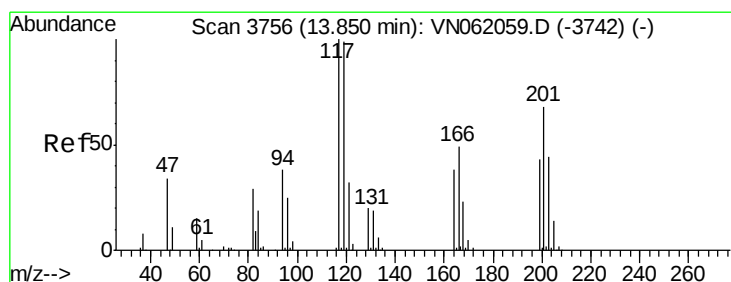
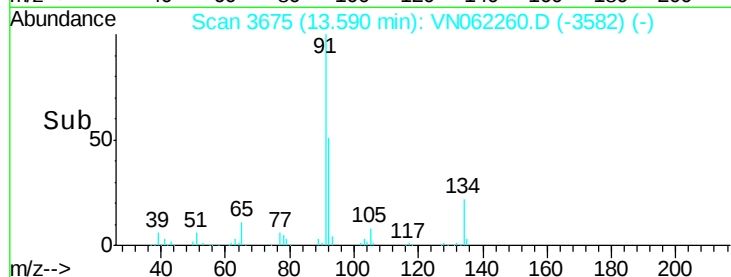
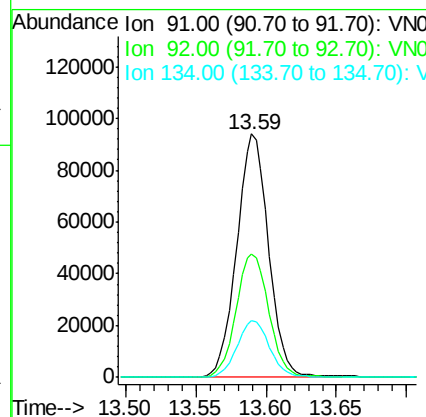
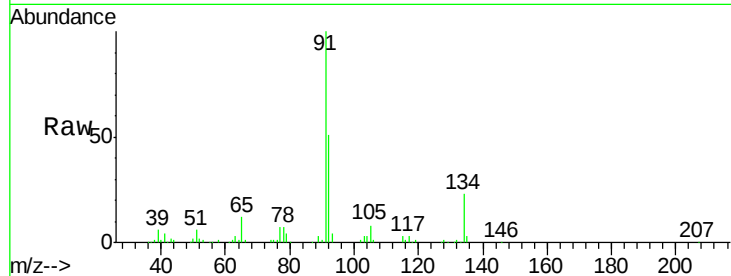
#89
n-Butylbenzene
Concen: 17.627 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	51.9	26.6	79.7		
134	23.8	12.3	36.9		

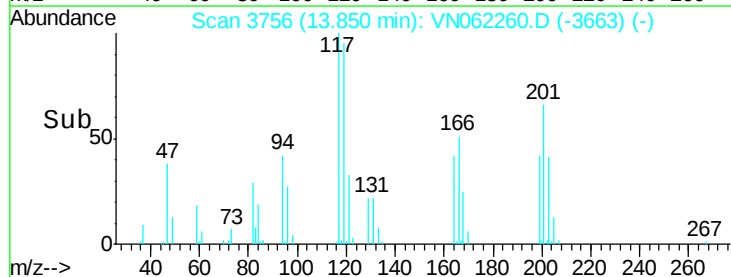
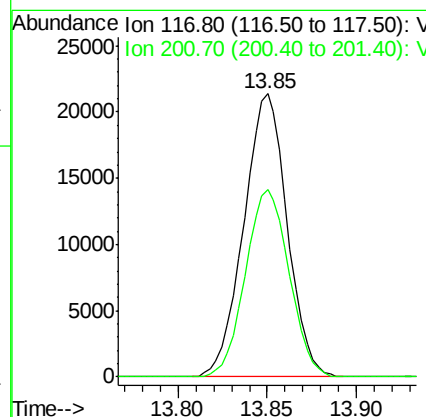
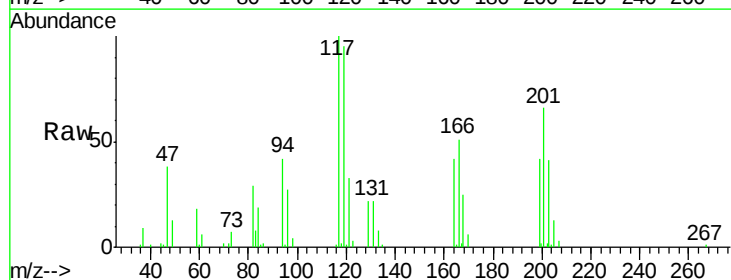
Manual Integrations
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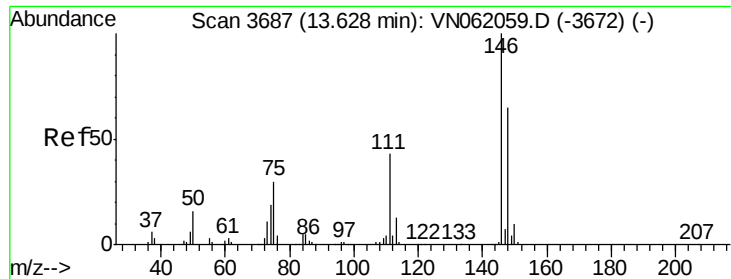
MMDadoda
7/1/2020 11:04:18 AM



#90
Hexachloroethane
Concen: 18.169 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
201	66.6	32.7	98.1		





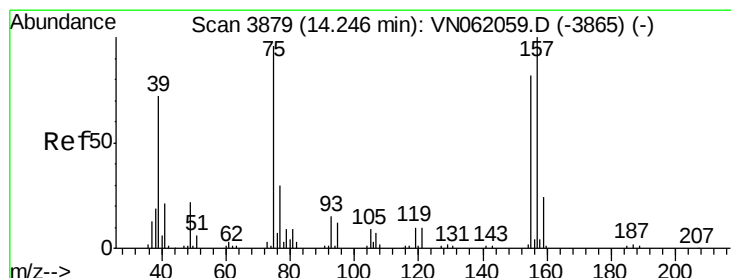
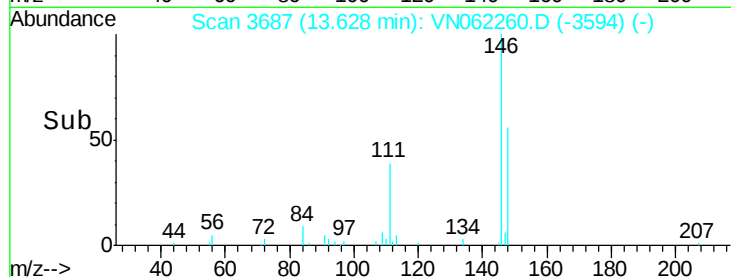
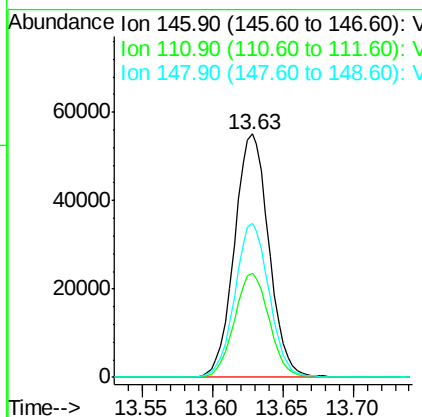
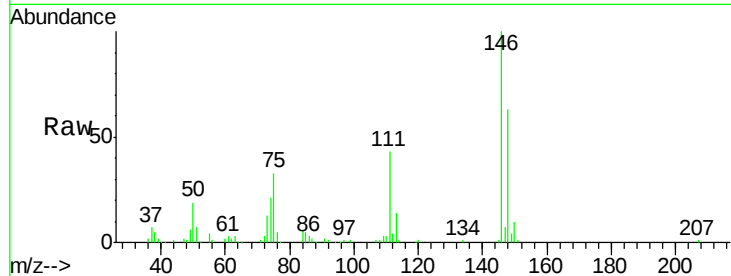
#91
 1,2-Dichlorobenzene
 Concen: 17.640 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.2	63.6
148	63.0	31.9	95.5

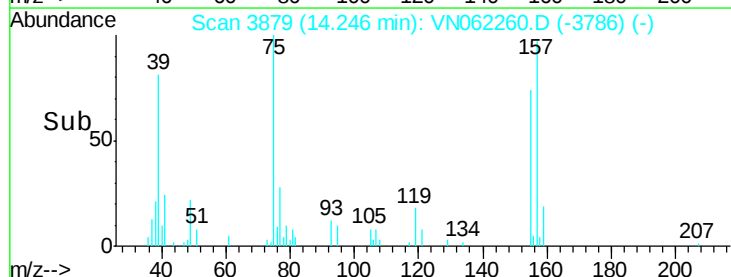
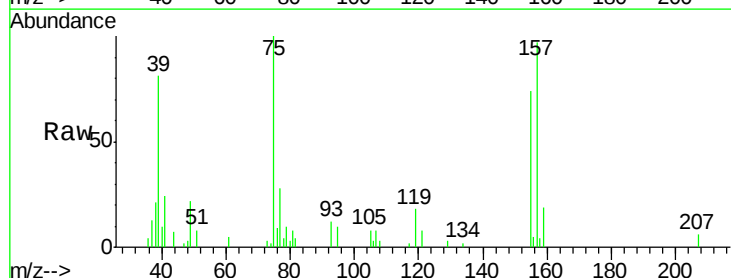
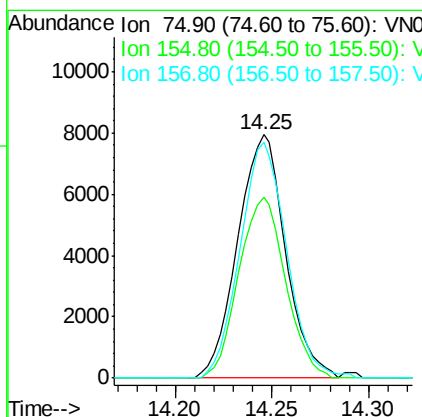
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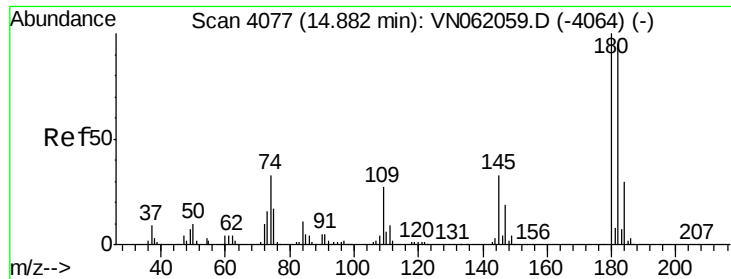
MMDadoda
 7/1/2020 11:04:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.248 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.6	40.8	122.4
157	94.8	51.4	154.3





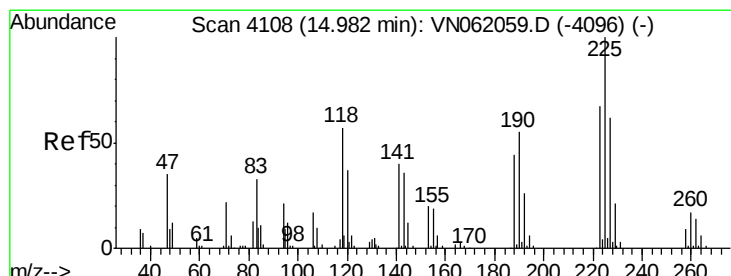
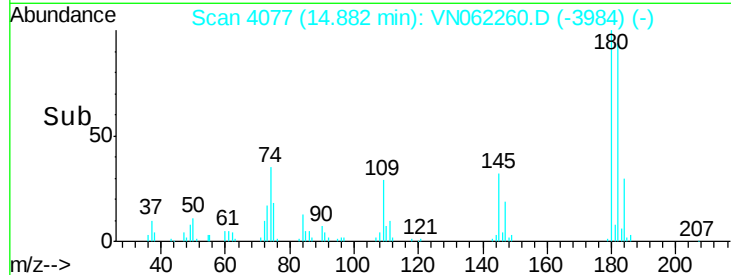
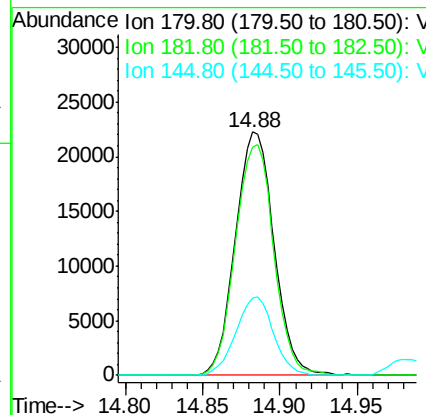
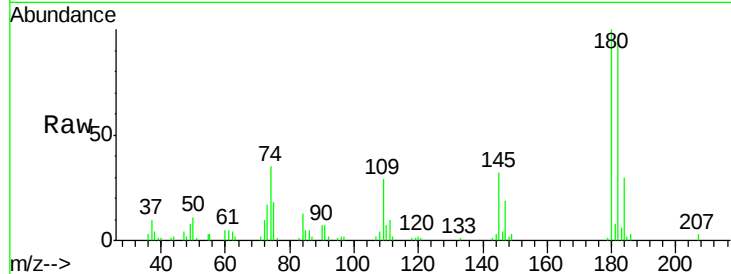
#93
 1,2,4-Trichlorobenzene
 Concen: 16.548 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	31.2	16.0	48.0

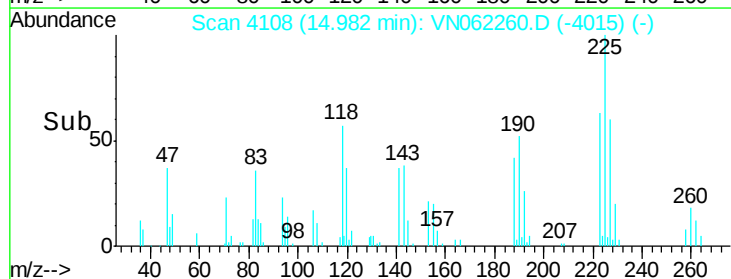
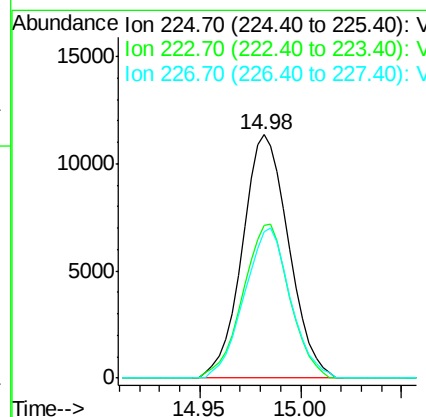
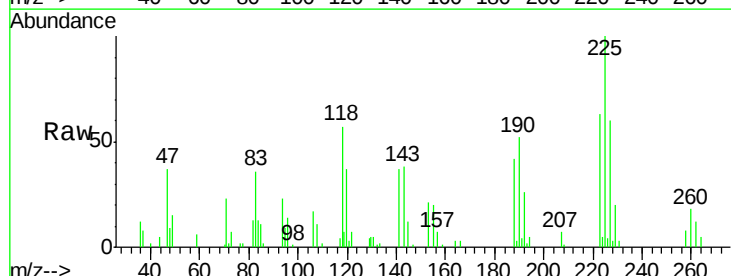
Manual Integrations
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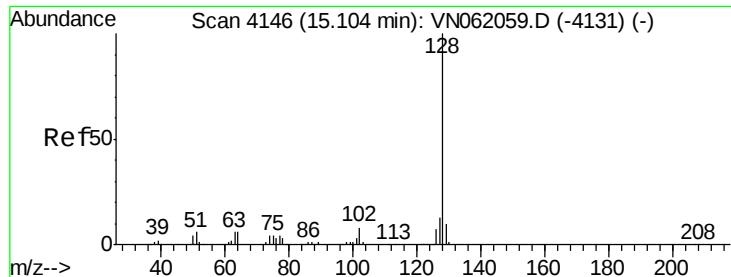
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 7/1/2020 11:04:18 AM



#94
 Hexachlorobutadiene
 Concen: 18.042 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.9	98.7
227	61.2	31.3	93.8





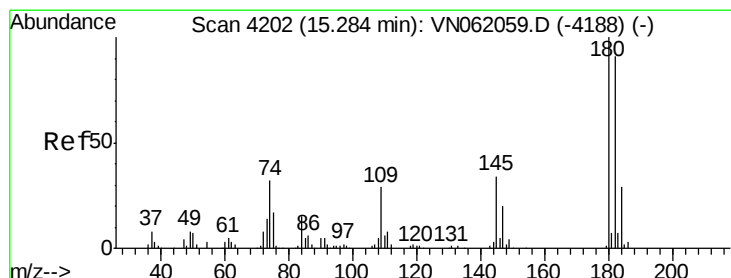
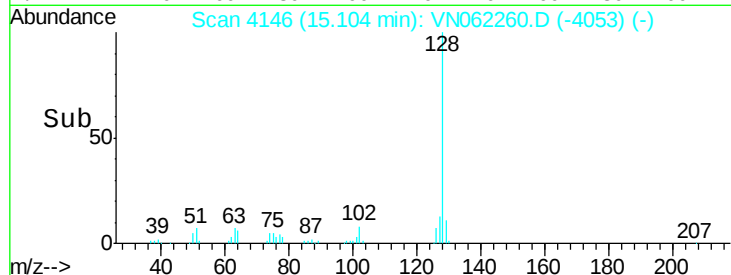
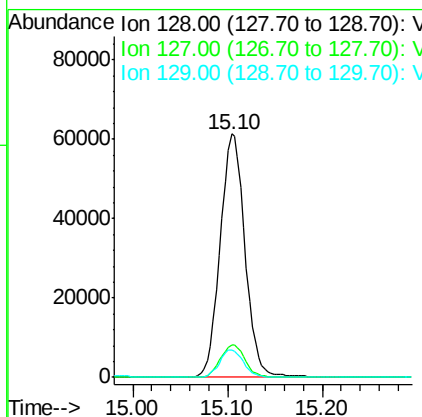
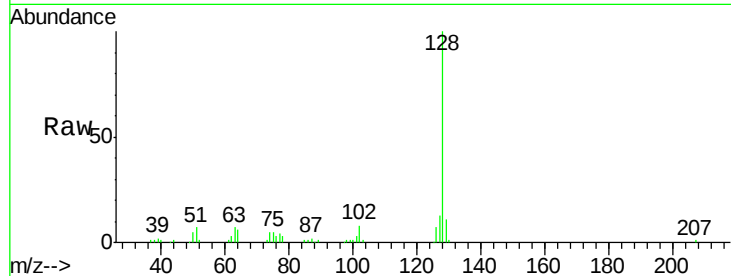
#95
Naphthalene
Concen: 17.231 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.162 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.8	140.4
145	32.1	16.4	49.2

