

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062662.D
 Acq On : 30 Jul 2020 11:27
 Operator : JC/MD
 Sample : VN0730WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:56:49 AM

Quant Time: Jul 31 04:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	157679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	233949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	128829	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.55	113	86763	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.06	98	324670	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.37	95	119132	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	33370	17.742	ug/l	94
3) Chloromethane	2.04	50	38408	15.056	ug/l	96
4) Vinyl Chloride	2.16	62	35484	16.046	ug/l	99
5) Bromomethane	2.52	94	19729	20.142	ug/l	97
6) Chloroethane	2.66	64	19464	19.458	ug/l	97
7) Trichlorofluoromethane	2.98	101	53741	20.698	ug/l	100
8) Diethyl Ether	3.37	74	20251	16.679	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.71	101	28229	16.957	ug/l	96
10) Methyl Iodide	3.91	142	34224	16.081	ug/l	97
11) Tert butyl alcohol	4.73	59	35390	90.822	ug/l	97
12) 1,1-Dichloroethene	3.70	96	26767	15.854	ug/l	94
13) Acrolein	3.57	56	19496	54.793	ug/l	100
14) Allyl chloride	4.27	41	59854	16.389	ug/l	94
15) Acrylonitrile	4.93	53	94544	90.586	ug/l	99
16) Acetone	3.78	43	73501	79.740	ug/l	98
17) Carbon Disulfide	4.00	76	78732	14.193	ug/l	97
18) Methyl Acetate	4.28	43	45969	19.700	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	117121	18.848	ug/l	98
20) Methylene Chloride	4.50	84	39297	17.775	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	33793	18.034	ug/l	98
22) Diisopropyl ether	5.90	45	128620	17.718	ug/l	93
23) Vinyl Acetate	5.84	43	524324	88.149	ug/l	99
24) 1,1-Dichloroethane	5.79	63	70918	18.142	ug/l	99
25) 2-Butanone	6.79	43	121995	86.903	ug/l	97
26) 2,2-Dichloropropane	6.77	77	61980	19.314	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	37914	17.731	ug/l	99
28) Bromochloromethane	7.15	49	37471	19.478	ug/l	94
29) Tetrahydrofuran	7.17	42	82658	87.018	ug/l	98
30) Chloroform	7.33	83	71144	19.141	ug/l	100
31) Cyclohexane	7.61	56	58980	16.341	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	62363	20.097	ug/l	98
36) 1,1-Dichloropropene	7.75	75	50818	18.632	ug/l	100
37) Ethyl Acetate	6.88	43	54212	18.439	ug/l	100
38) Carbon Tetrachloride	7.73	117	54141	20.651	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	52611	17.919	ug/l	98
40) Benzene	8.00	78	148801	18.021	ug/l	100
41) Methacrylonitrile	7.13	41	23802	18.890	ug/l #	89
42) 1,2-Dichloroethane	8.09	62	62722	20.777	ug/l	97
43) Isopropyl Acetate	8.12	43	87084	18.374	ug/l	99
44) Trichloroethene	8.80	130	33995	18.256	ug/l	99
45) 1,2-Dichloropropane	9.09	63	41573	17.932	ug/l	97
46) Dibromomethane	9.18	93	26380	19.687	ug/l	99
47) Bromodichloromethane	9.37	83	58059	20.000	ug/l	96
48) Methyl methacrylate	9.17	41	42212	18.736	ug/l	98
49) 1,4-Dioxane	9.17	88	12930	373.660	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	264149	93.146	ug/l	100
52) Toluene	10.12	92	91729	19.131	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	62466	19.329	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	65956	19.020	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	35525	19.101	ug/l	97
56) Ethyl methacrylate	10.40	69	55874	17.908	ug/l	99
57) 1,3-Dichloropropane	10.68	76	64556	18.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80950	91.752	ug/l	99
59) 2-Hexanone	10.72	43	190798	88.926	ug/l	99
60) Dibromochloromethane	10.87	129	41434	19.970	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36687	18.944	ug/l	98
64) Tetrachloroethene	10.60	164	28855	18.983	ug/l	98
65) Chlorobenzene	11.40	112	92375	18.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	37139	20.129	ug/l	98
67) Ethyl Benzene	11.48	91	170140	18.920	ug/l	99
68) m/p-Xylenes	11.59	106	125975	38.975	ug/l	99
69) o-Xylene	11.92	106	59810	19.487	ug/l	100
70) Styrene	11.94	104	101114	19.502	ug/l	97
71) Bromoform	12.10	173	28228	20.376	ug/l #	100
73) Isopropylbenzene	12.22	105	162309	18.549	ug/l	98
74) N-amyl acetate	12.04	43	70238	17.974	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	56236	18.494	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	51945m	18.441	ug/l	
77) Bromobenzene	12.50	156	39426	18.749	ug/l	96
78) n-propylbenzene	12.56	91	193800	18.908	ug/l	99
79) 2-Chlorotoluene	12.65	91	120281	19.042	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	143739	19.803	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17805	17.596	ug/l	89
82) 4-Chlorotoluene	12.75	91	124701	18.966	ug/l	99
83) tert-Butylbenzene	12.97	119	113532	18.837	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	138457	19.445	ug/l	98
85) sec-Butylbenzene	13.15	105	156948	19.451	ug/l	100
86) p-Isopropyltoluene	13.26	119	138943	20.021	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68361	18.525	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69269	19.068	ug/l	98
89) n-Butylbenzene	13.59	91	114830	19.257	ug/l	98
90) Hexachloroethane	13.85	117	27913	18.894	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67503	19.131	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10754	19.479	ug/l	97

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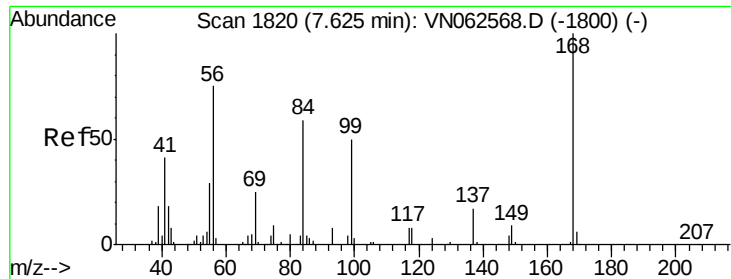
Manual Integrations
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MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	28078	17.298	ug/l	95
94) Hexachlorobutadiene	14.98	225	22016	22.828	ug/l	99
95) Naphthalene	15.10	128	72801	17.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	29752	17.892	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion:168 Resp: 157679

Ion Ratio Lower Upper

168 100

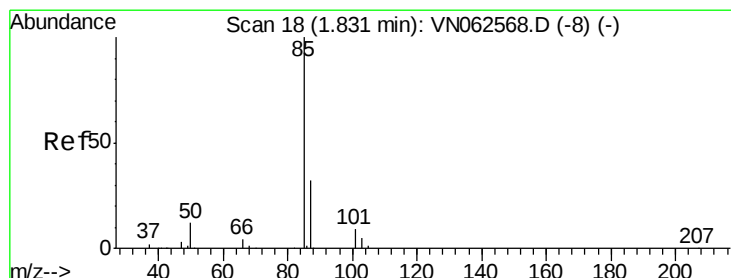
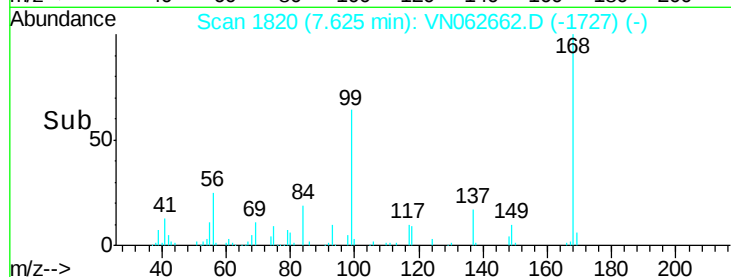
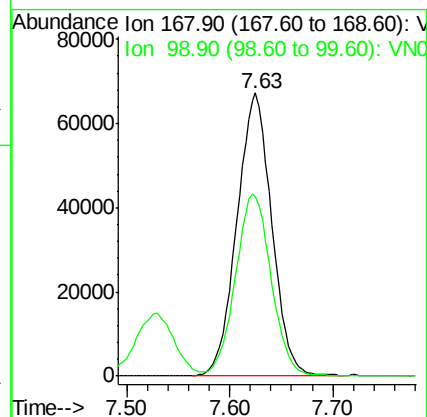
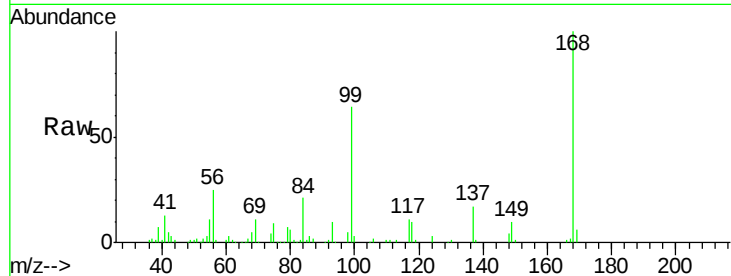
99 63.2 48.4 72.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.742 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062662.D

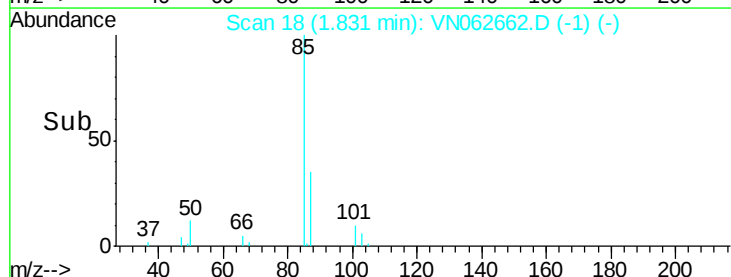
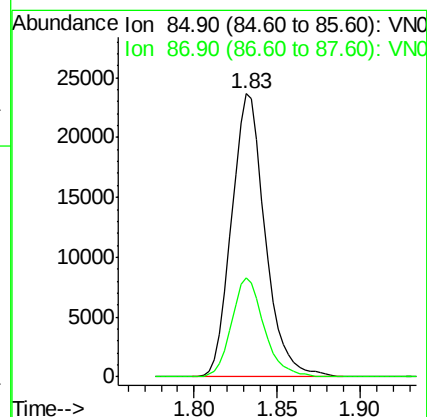
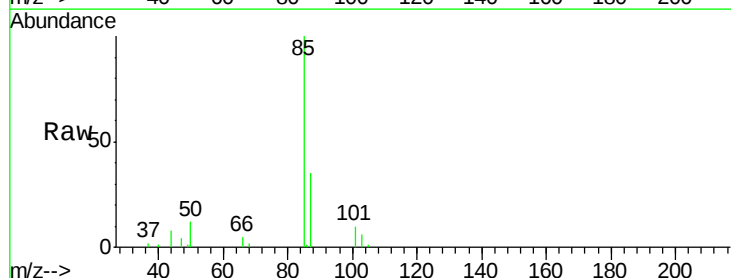
Acq: 30 Jul 2020 11:27

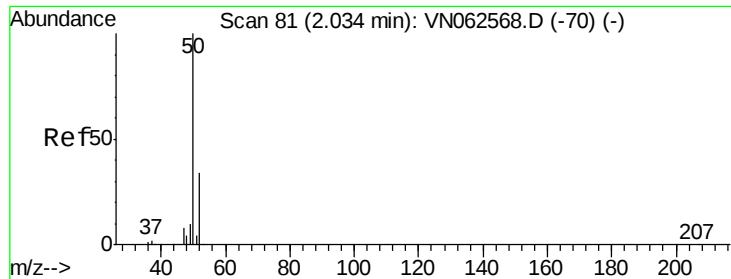
Tgt Ion: 85 Resp: 33370

Ion Ratio Lower Upper

85 100

87 35.2 16.0 48.0





#3

Chloromethane

Concen: 15.056 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 50 Resp: 38408

Ion Ratio Lower Upper

50 100

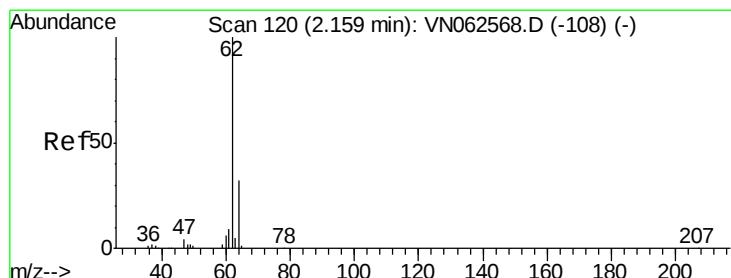
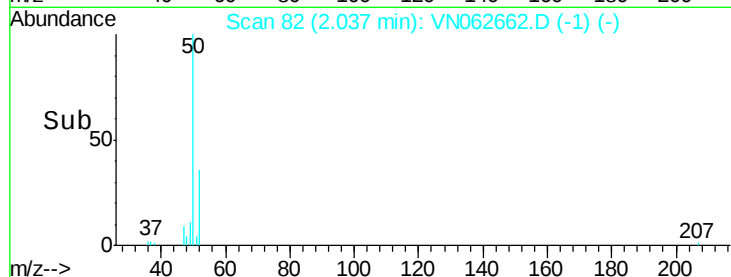
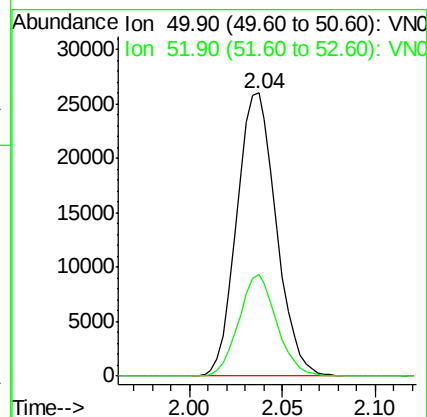
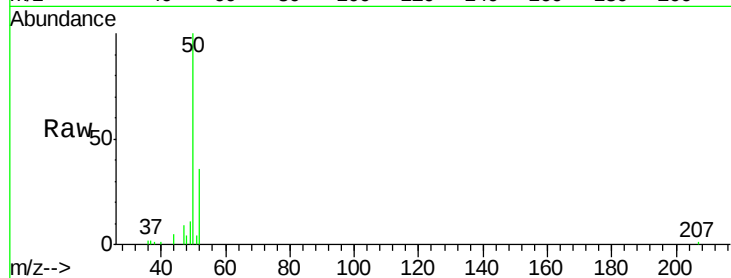
52 36.0 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.046 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062662.D

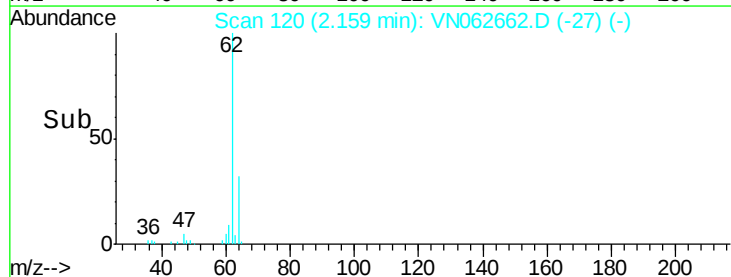
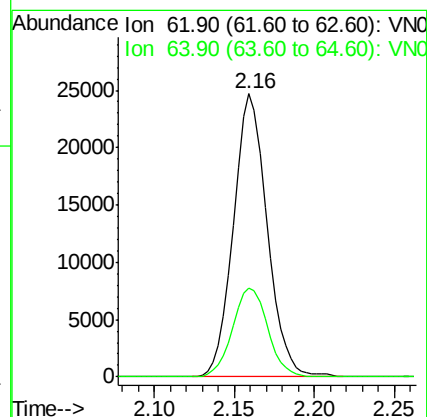
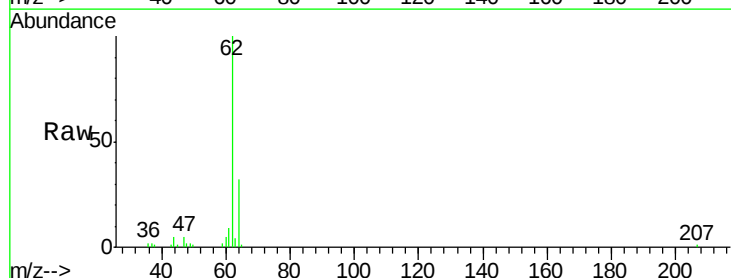
Acq: 30 Jul 2020 11:27

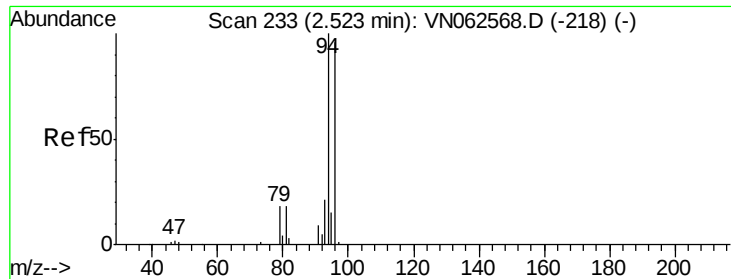
Tgt Ion: 62 Resp: 35484

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 20.142 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 94 Resp: 19729

Ion Ratio Lower Upper

94 100

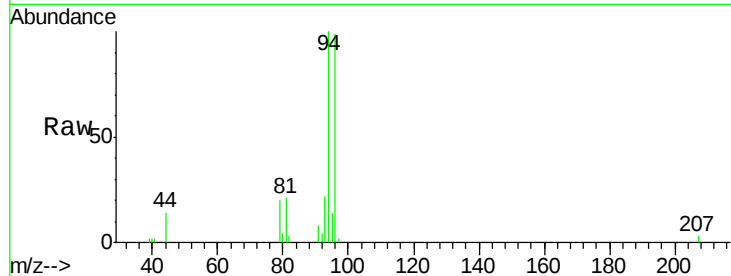
96 99.1 76.6 114.8

Manual Integrations

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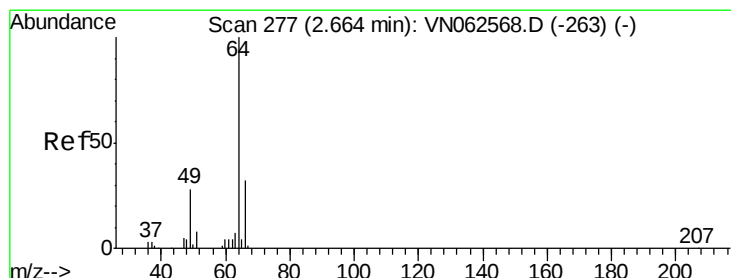
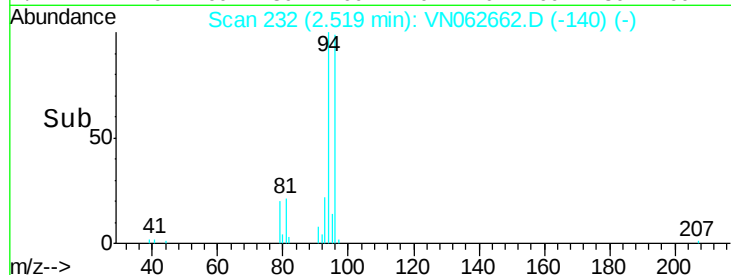
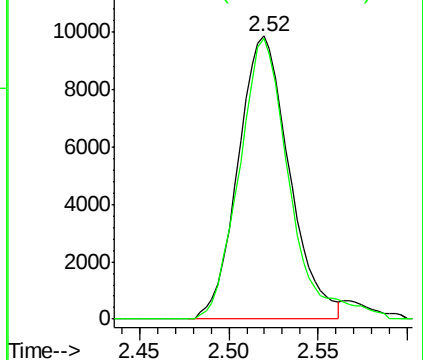
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.458 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062662.D

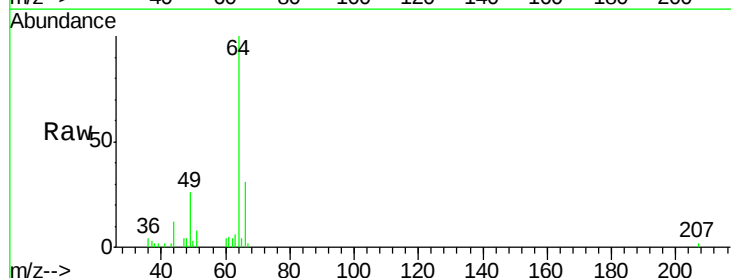
Acq: 30 Jul 2020 11:27

Tgt Ion: 64 Resp: 19464

Ion Ratio Lower Upper

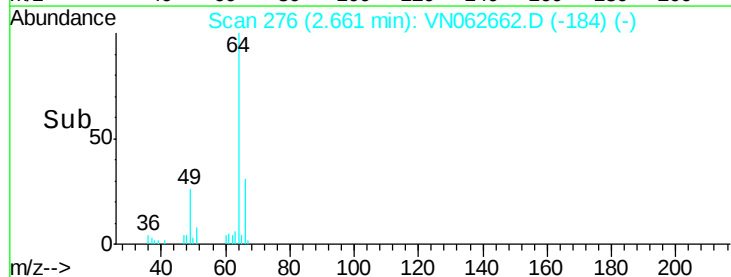
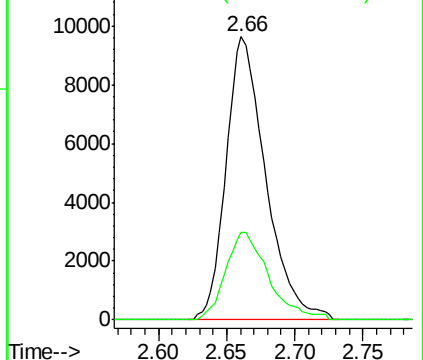
64 100

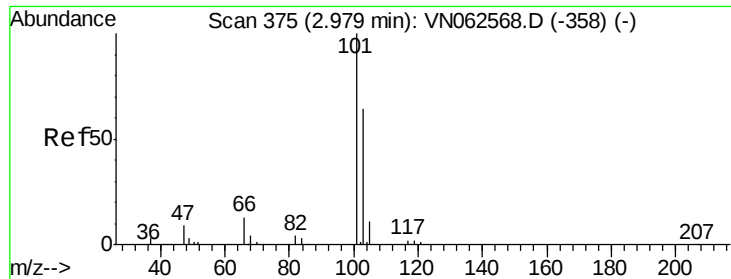
66 30.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

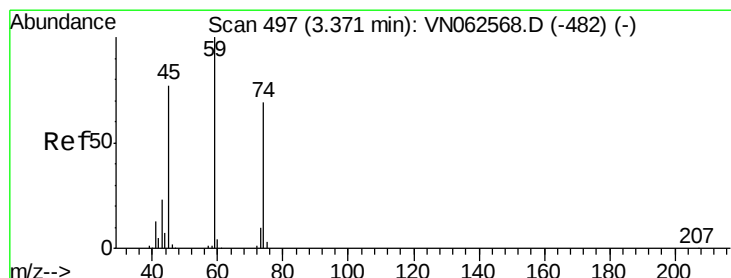
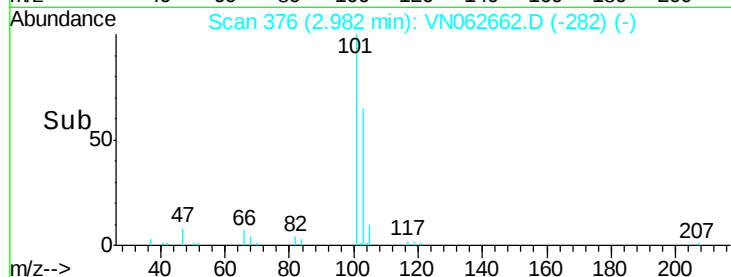
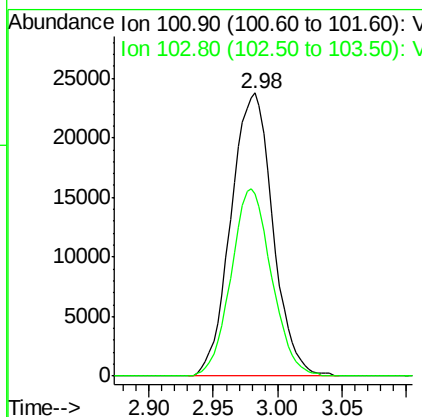
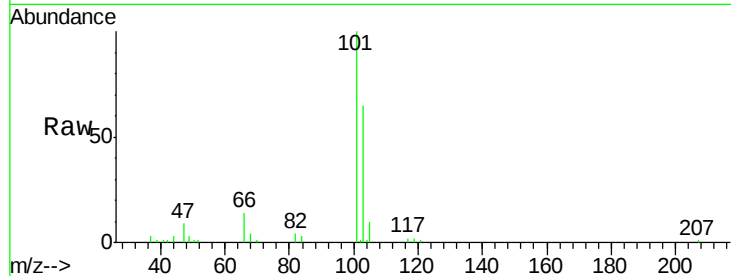
Trichlorofluoromethane
 Concen: 20.698 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Instrument :
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 VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.5	77.3

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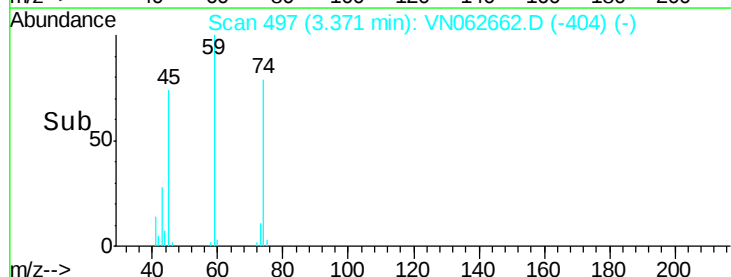
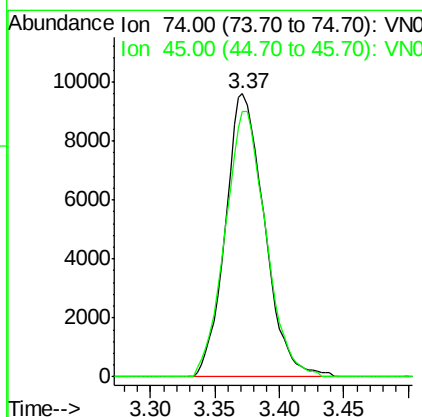
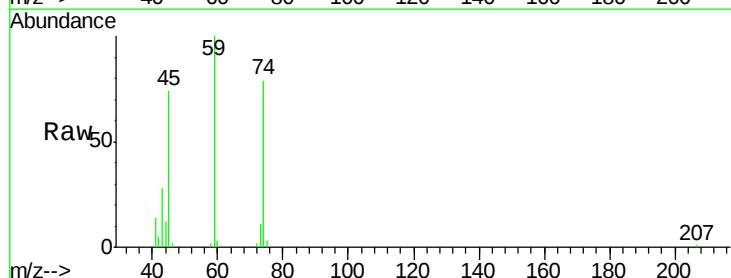
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 7/31/2020 11:56:49 AM

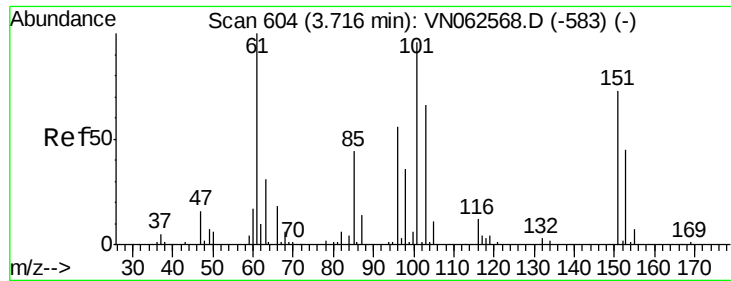


#8

Diethyl Ether
 Concen: 16.679 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.957 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

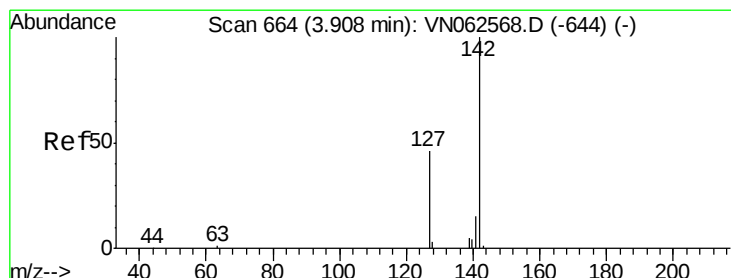
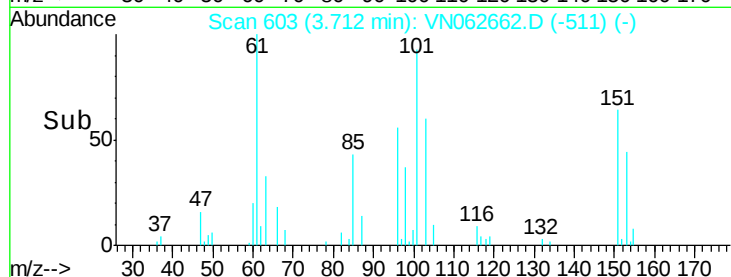
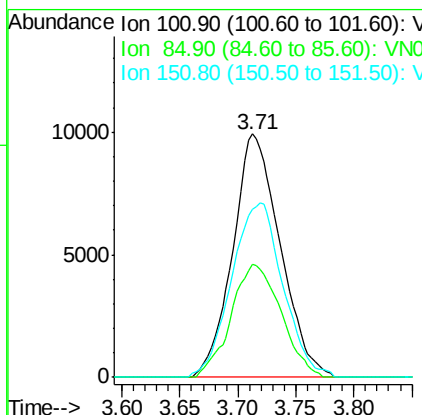
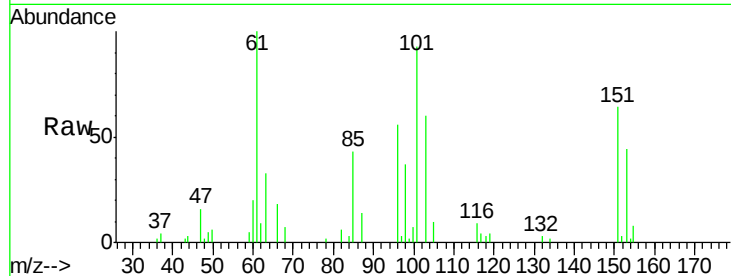
ClientSampled :

VN0730WBSD01

Tot Ion:	101	Resp:	28229
Ion Ratio	Lower	Upper	
101	100		
85	48.7	36.0	54.0
151	77.6	60.0	90.0

Manual Integrations
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7/31/2020 11:56:49 AM



#10

Methyl Iodide

Concen: 16.081 ug/l

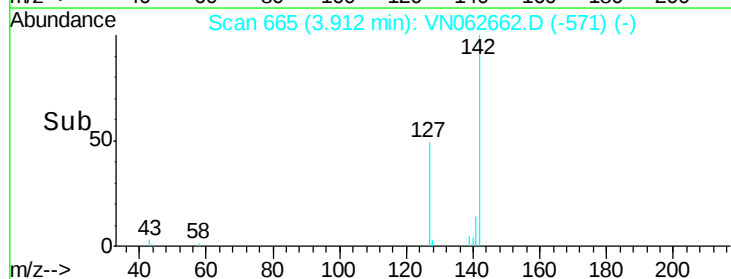
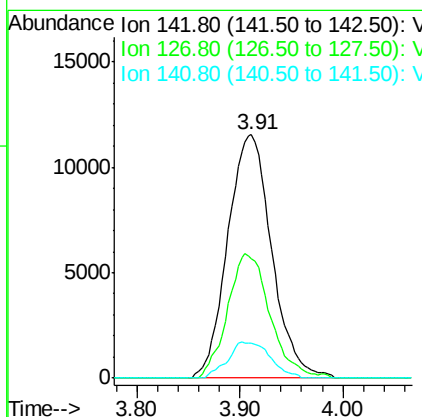
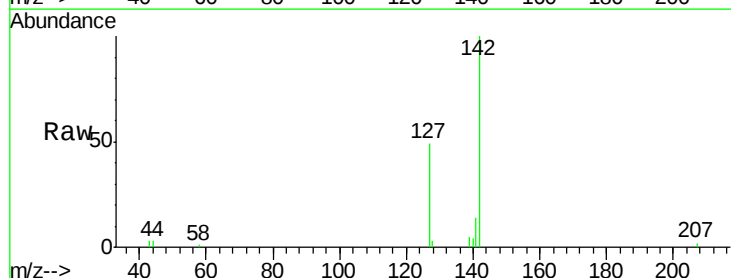
RT: 3.91 min Scan# 665

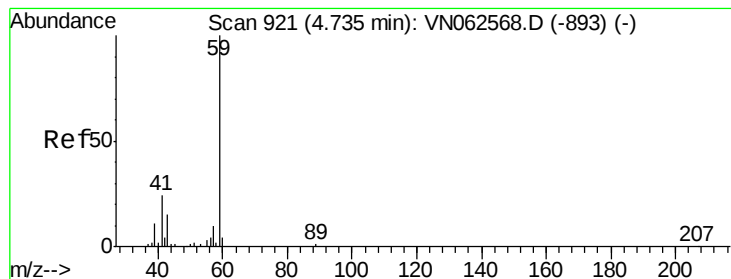
Delta R.T. 0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion:	142	Resp:	34224
Ion Ratio	Lower	Upper	
142	100		
127	49.5	37.4	56.0
141	14.3	11.9	17.9





#11

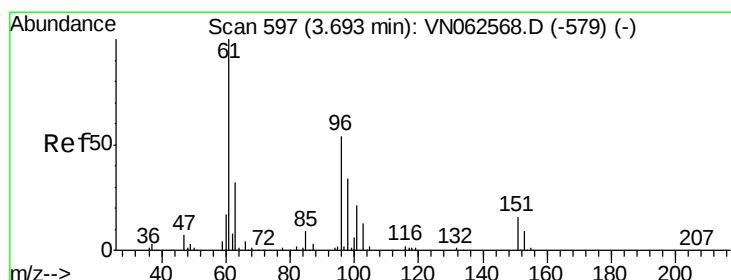
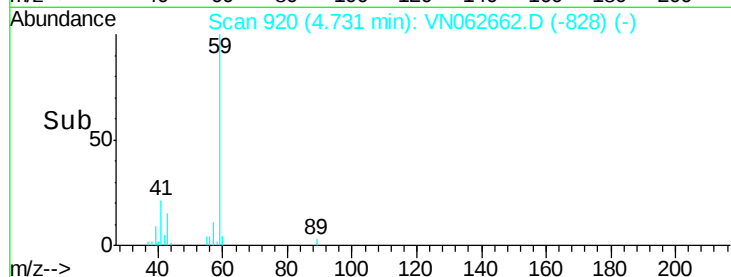
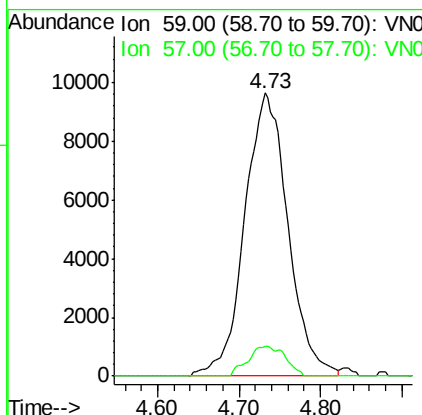
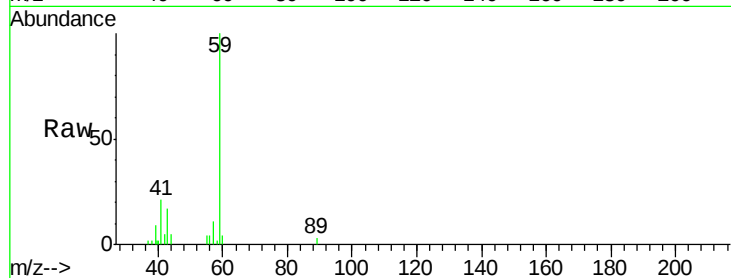
Tert butyl alcohol
 Concen: 90.822 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.2	12.2

Manual Integrations
 APPROVED

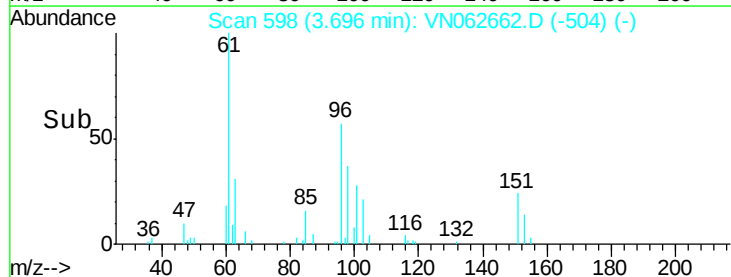
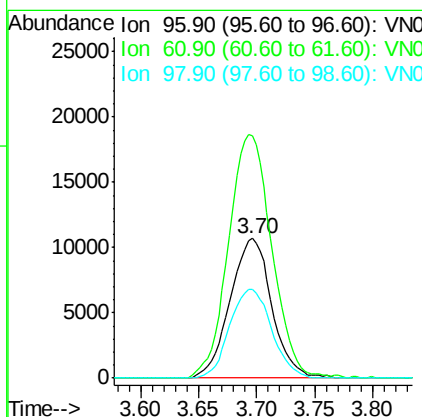
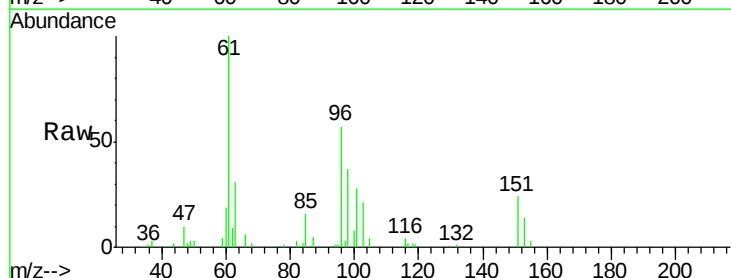
MMDadoda
 7/31/2020 11:56:49 AM

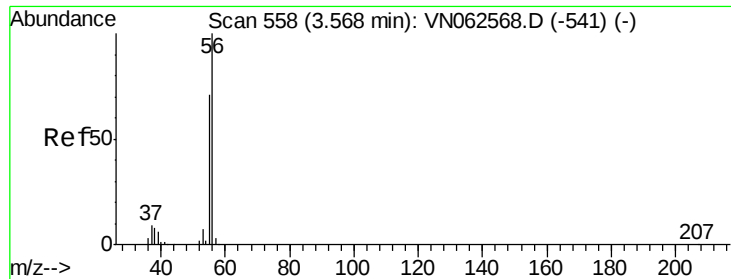


#12

1,1-Dichloroethene
 Concen: 15.854 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.2	148.6	222.8
98	64.1	50.6	75.8





#13

Acrolein

Concen: 54.793 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 56 Resp: 19496

Ion Ratio Lower Upper

56 100

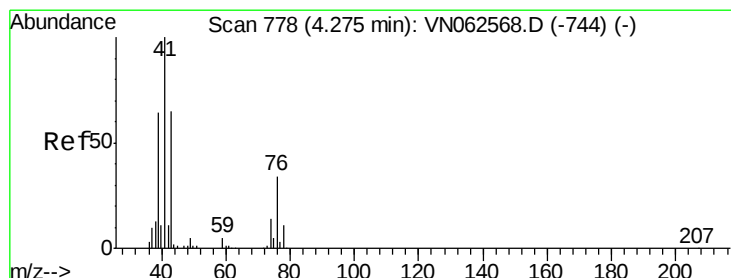
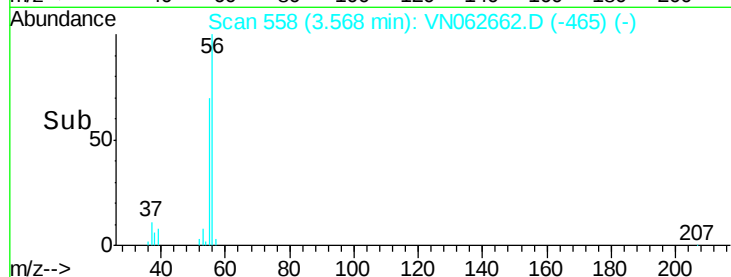
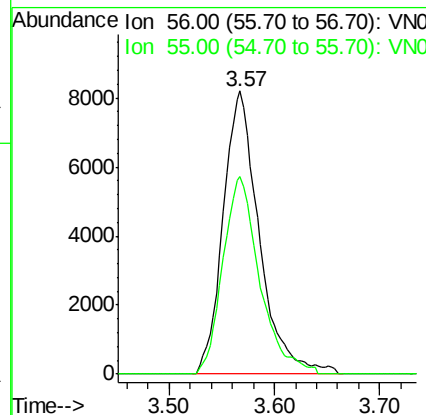
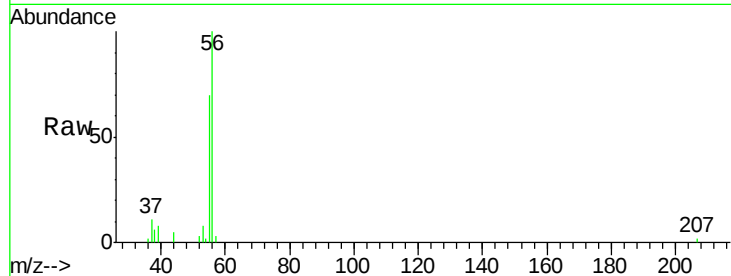
55 71.0 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 16.389 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

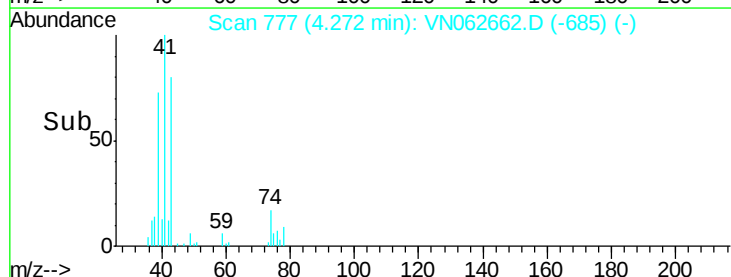
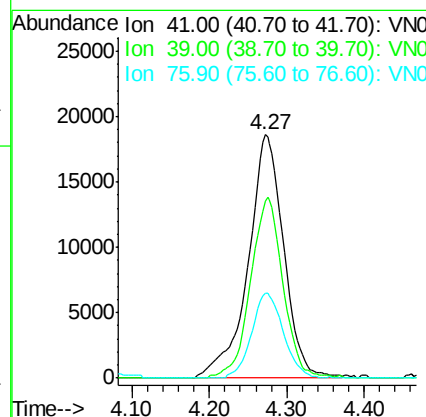
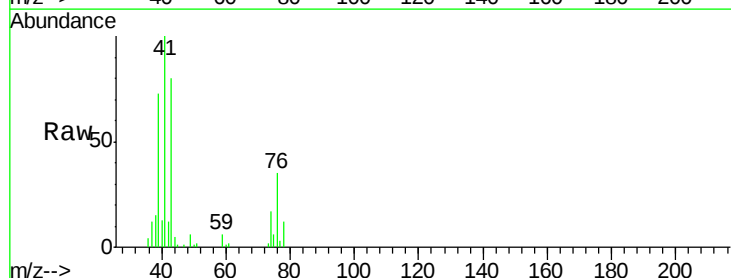
Tgt Ion: 41 Resp: 59854

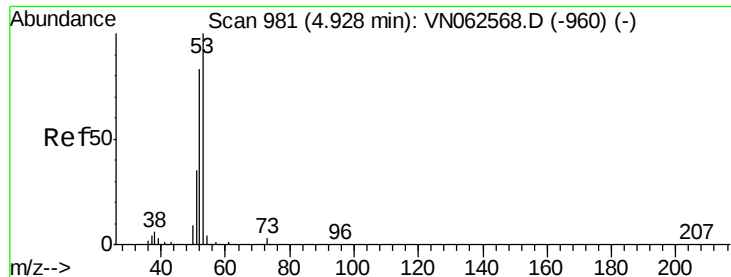
Ion Ratio Lower Upper

41 100

39 67.6 49.0 73.4

76 31.2 24.0 36.0





#15

Acrylonitrile

Concen: 90.586 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

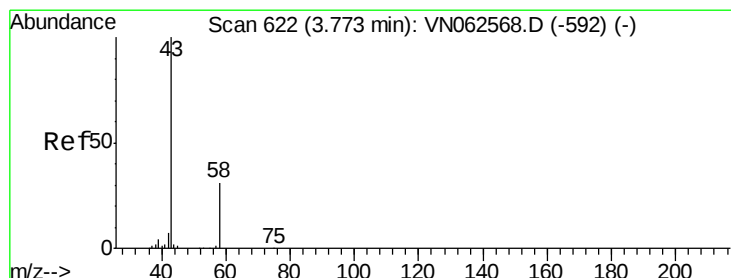
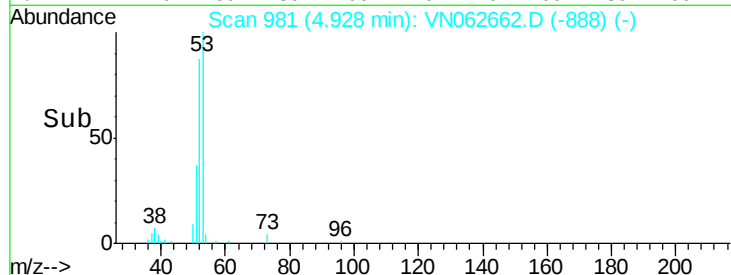
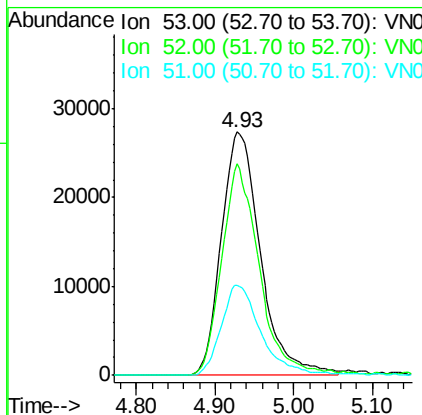
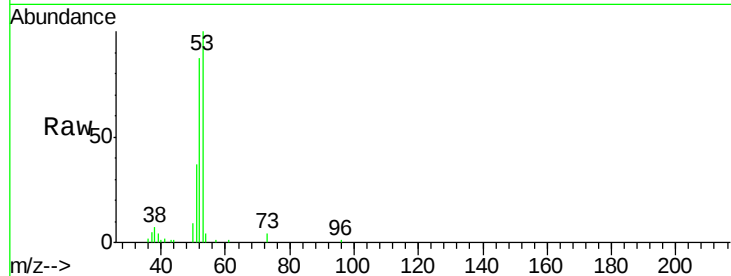
ClientSampleId :

VN0730WBSD01

Tot Ion:	53	Resp:	94544
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.3	99.5
51	37.6	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 79.740 ug/l

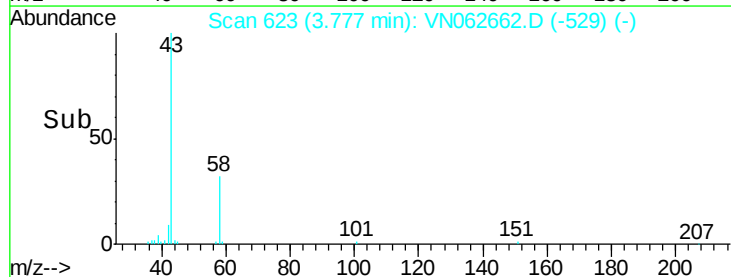
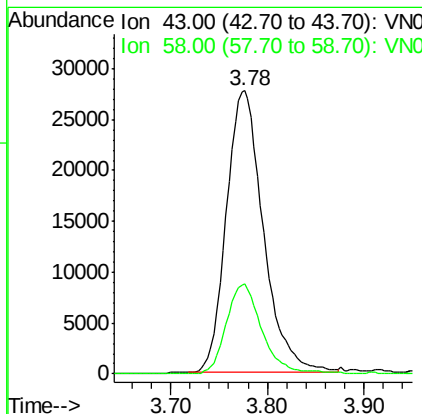
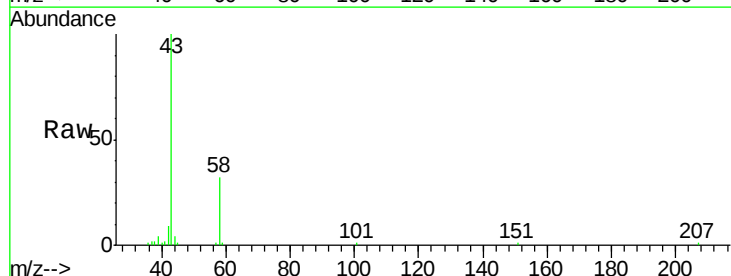
RT: 3.78 min Scan# 623

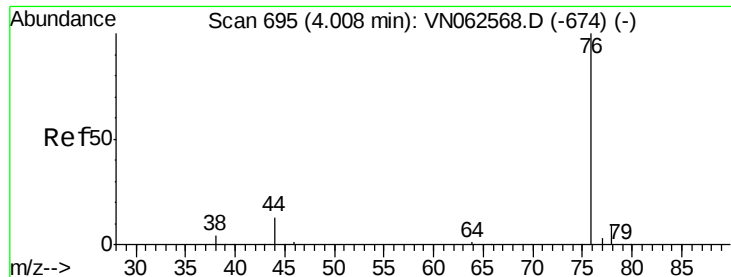
Delta R.T. 0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion:	43	Resp:	73501
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.6	37.0





#17

Carbon Disulfide

Concen: 14.193 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 76 Resp: 78732

Ion Ratio Lower Upper

76 100

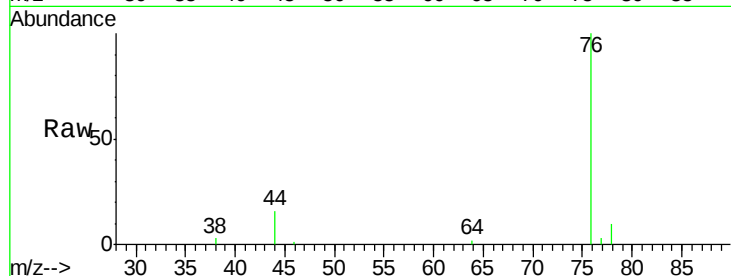
78 10.1 7.3 10.9

Manual Integrations

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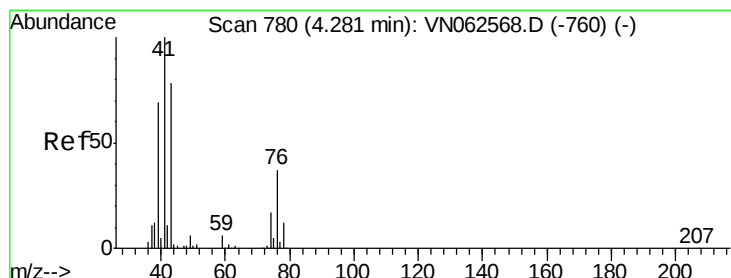
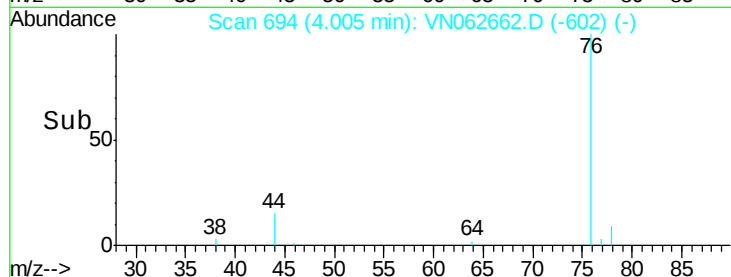
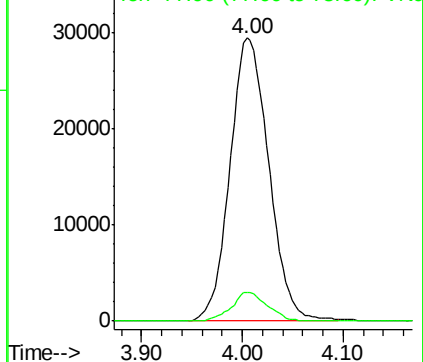
MMDadoda

7/31/2020 11:56:49 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.700 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062662.D

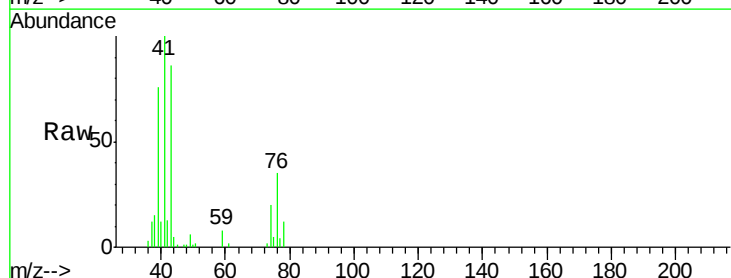
Acq: 30 Jul 2020 11:27

Tgt Ion: 43 Resp: 45969

Ion Ratio Lower Upper

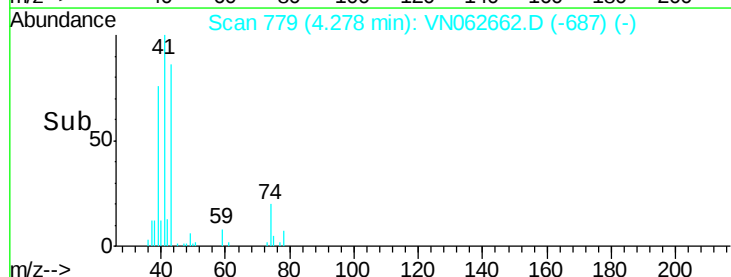
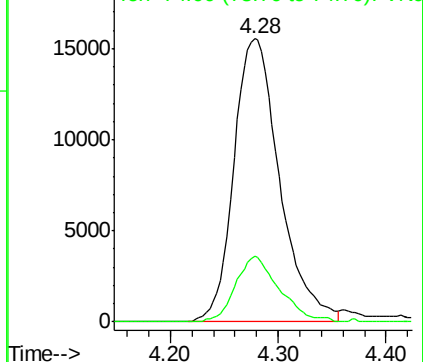
43 100

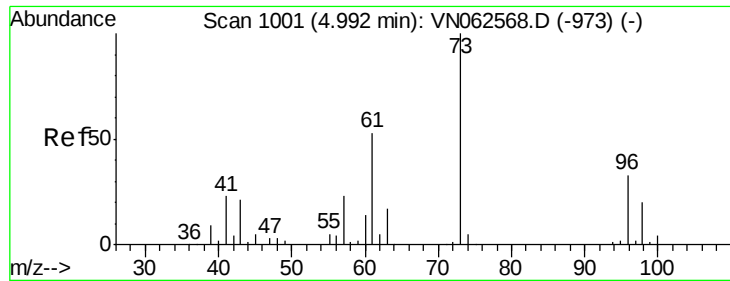
74 21.7 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





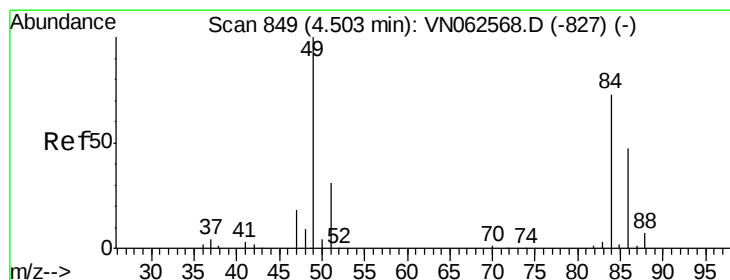
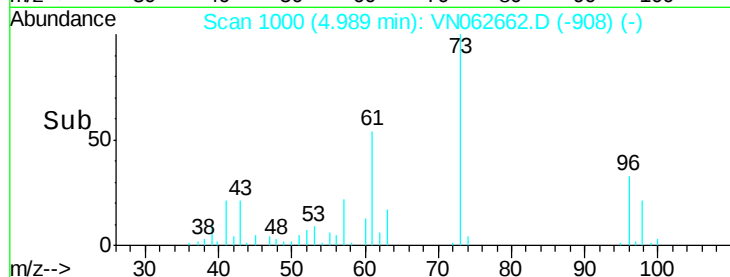
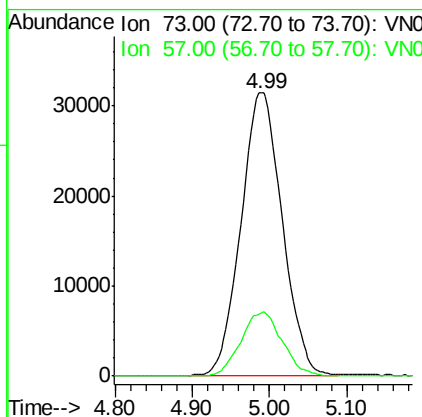
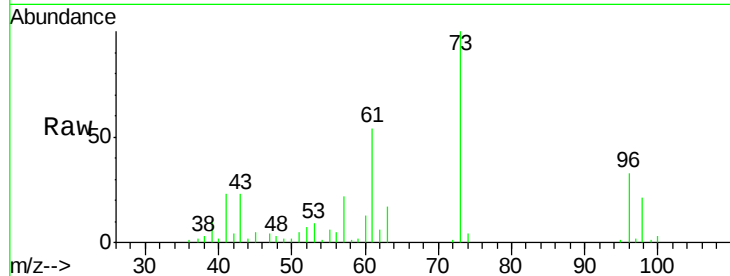
#19
Methvl tert-butvl Ether
Concen: 18.848 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampled :
VN0730WBSD01

Tot Ion: 73 Resp: 117121
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8

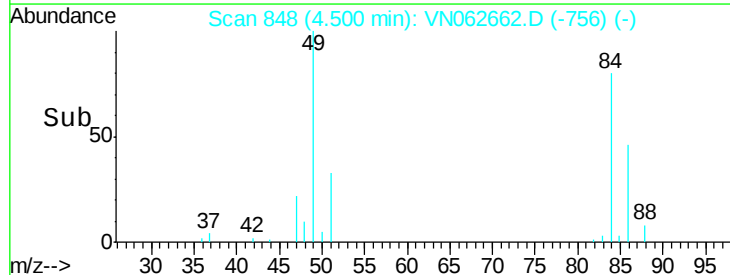
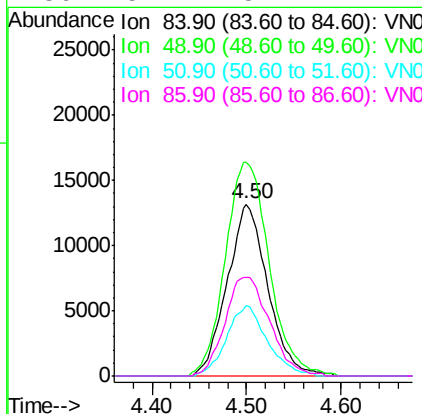
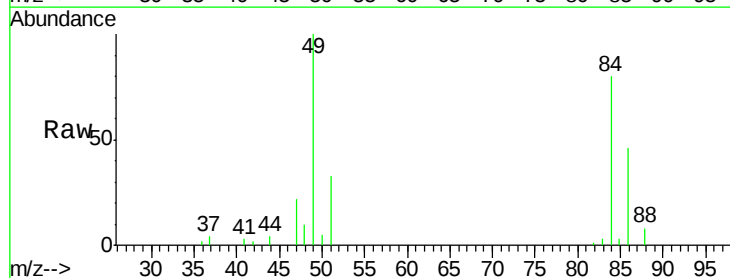
Manual Integrations
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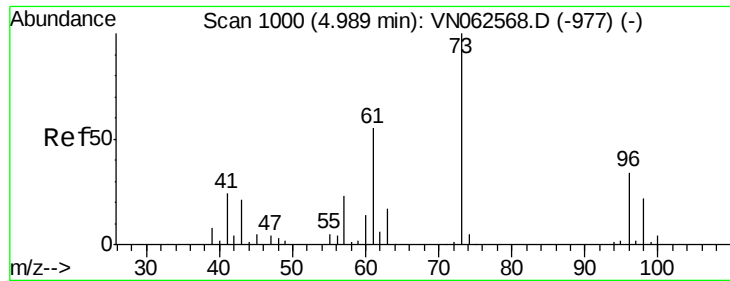
MMDadoda
7/31/2020 11:56:49 AM



#20
Methylene Chloride
Concen: 17.775 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion: 84 Resp: 39297
Ion Ratio Lower Upper
84 100
49 124.4 109.4 164.0
51 40.8 33.6 50.4
86 57.4 51.4 77.2





#21

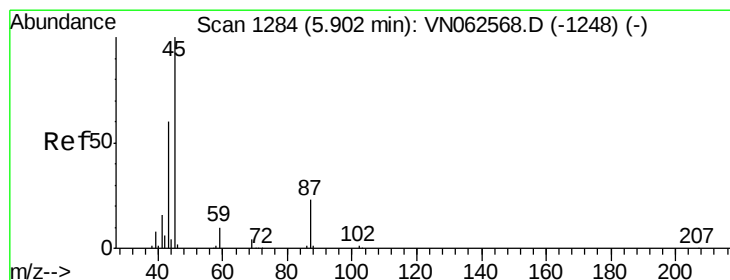
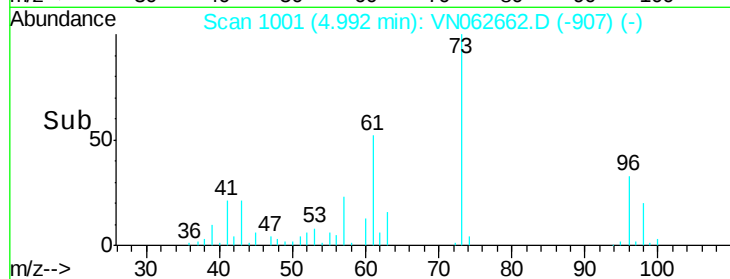
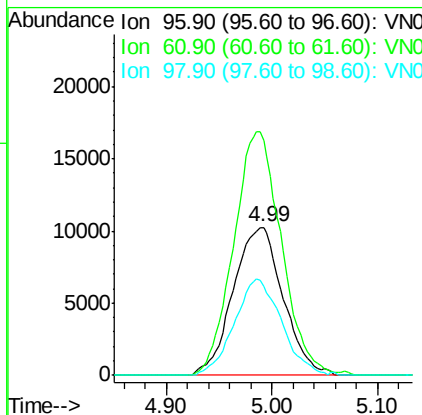
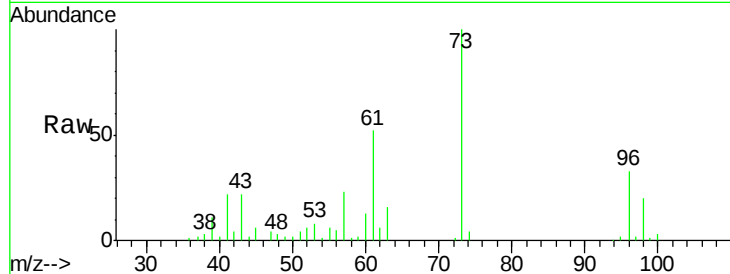
trans-1,2-Dichloroethene
Concen: 18.034 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	158.8	128.6	192.8	
98	60.2	50.6	76.0	

Manual Integrations
APPROVED

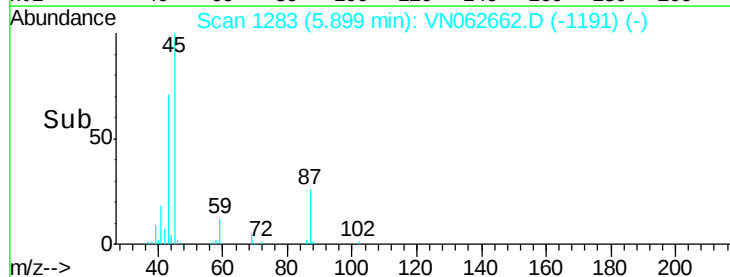
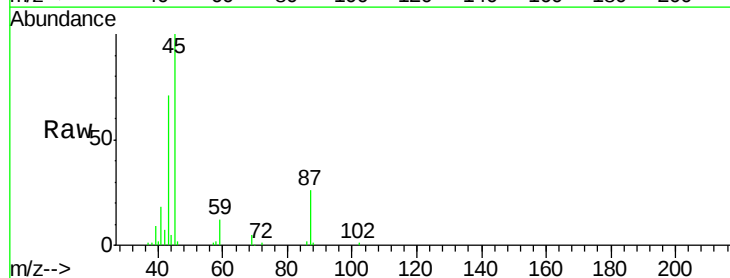
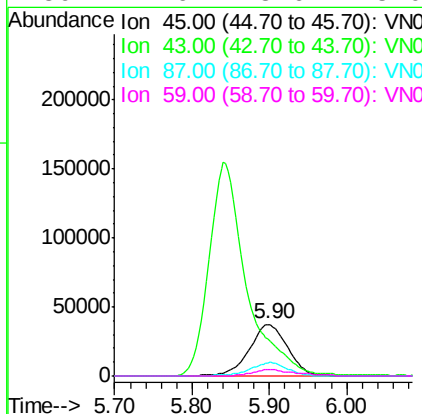
MMDadoda
7/31/2020 11:56:49 AM

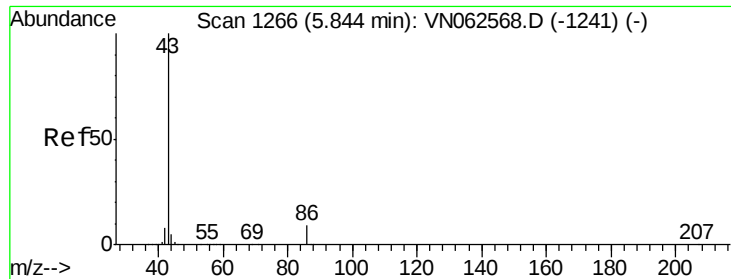


#22

Diisopropyl ether
Concen: 17.718 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	67.5	48.7	73.1	
87	25.8	19.0	28.6	
59	11.6	8.6	13.0	





#23

Vinyl Acetate

Concen: 88.149 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 43 Resp: 524324

Ion Ratio Lower Upper

43 100

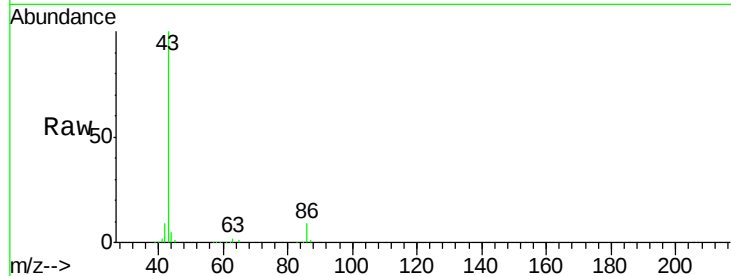
86 9.0 6.9 10.3

Manual Integrations

APPROVED

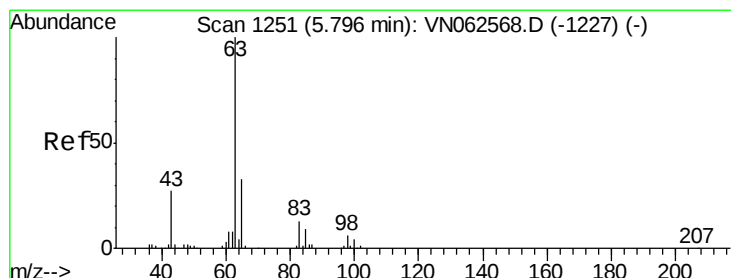
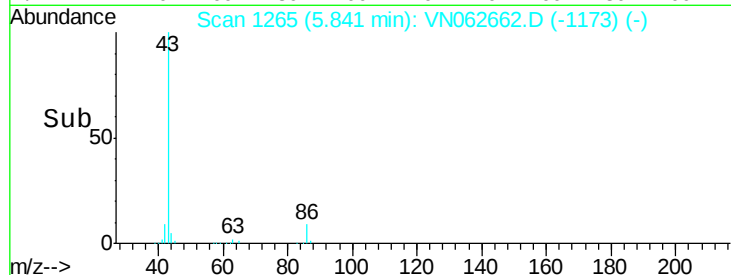
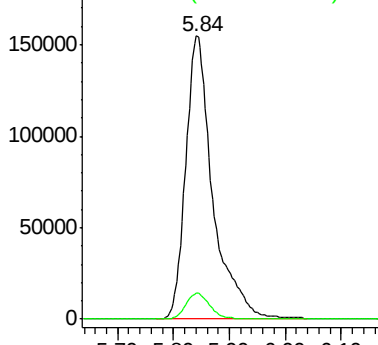
MMDadoda

7/31/2020 11:56:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.142 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

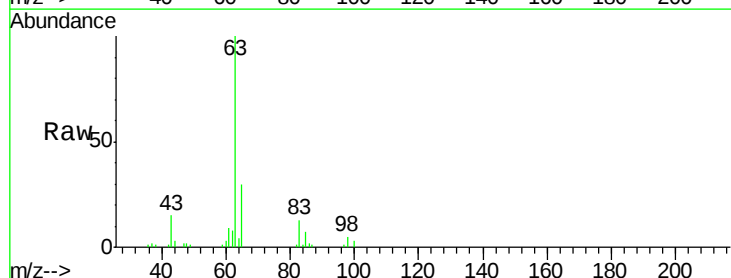
Tgt Ion: 63 Resp: 70918

Ion Ratio Lower Upper

63 100

98 5.4 2.9 8.8

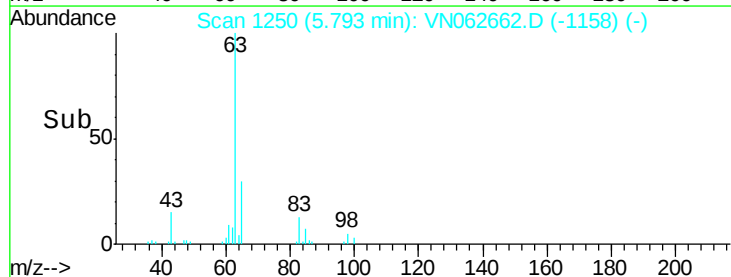
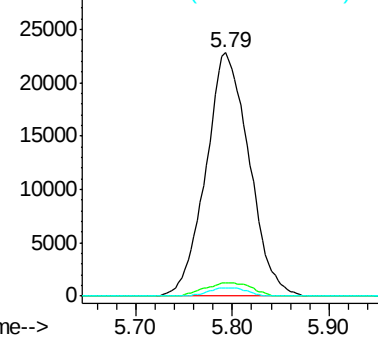
100 3.2 1.8 5.4

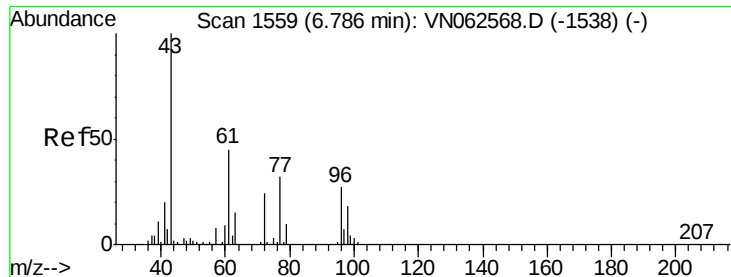


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





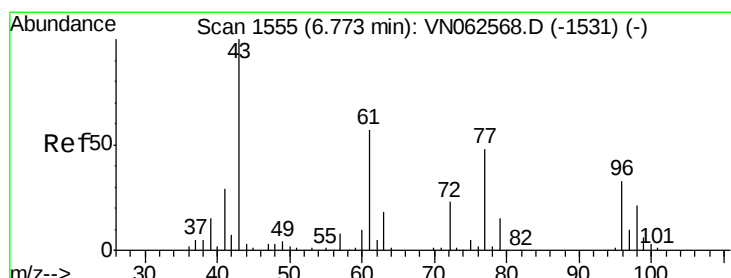
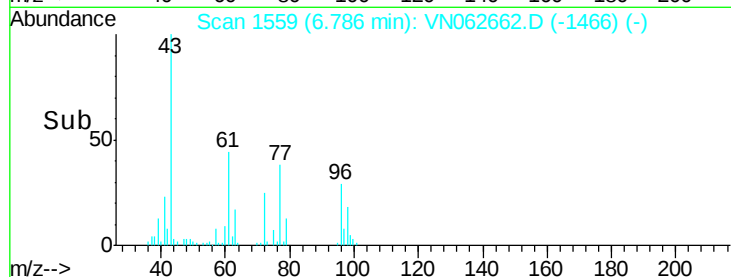
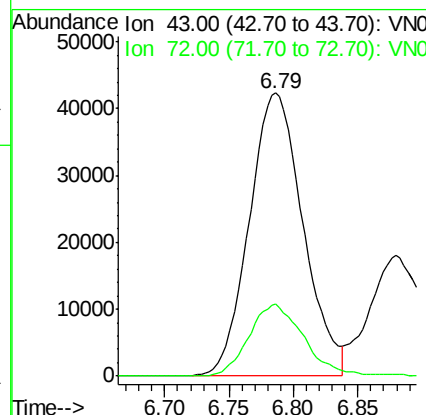
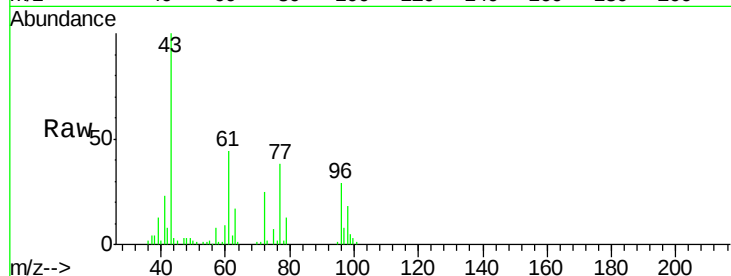
#25
2-Butanone
Concen: 86.903 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion: 43 Resp: 121995
Ion Ratio Lower Upper
43 100
72 25.4 19.0 28.6

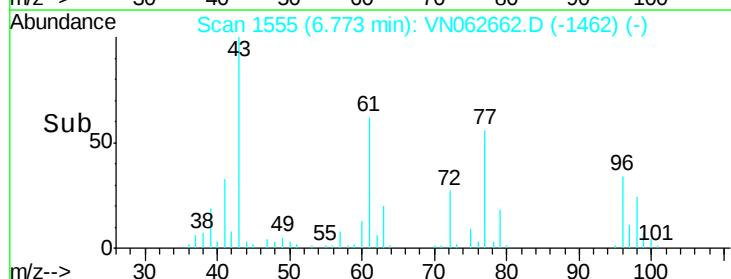
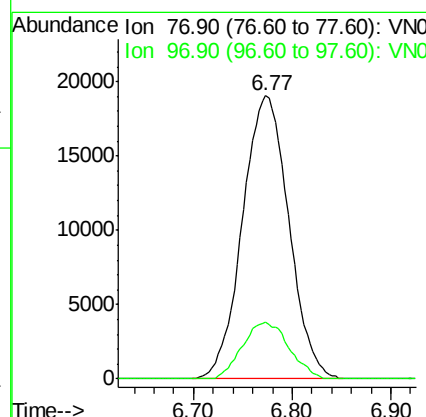
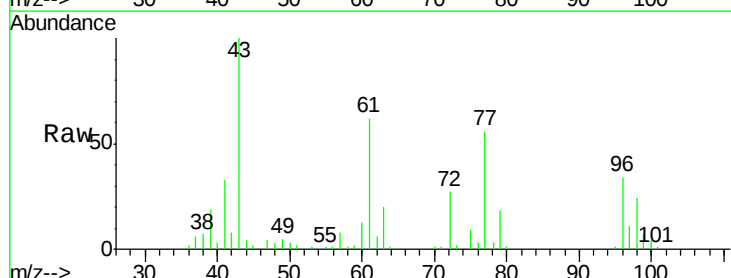
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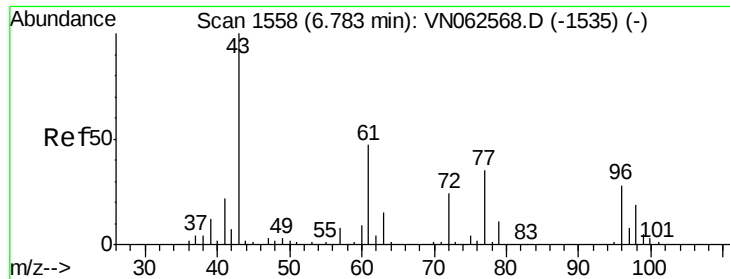
MMDadoda
7/31/2020 11:56:49 AM



#26
2,2-Dichloropropane
Concen: 19.314 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion: 77 Resp: 61980
Ion Ratio Lower Upper
77 100
97 20.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 17.731 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

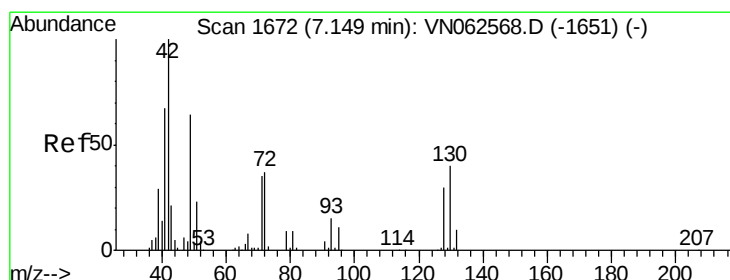
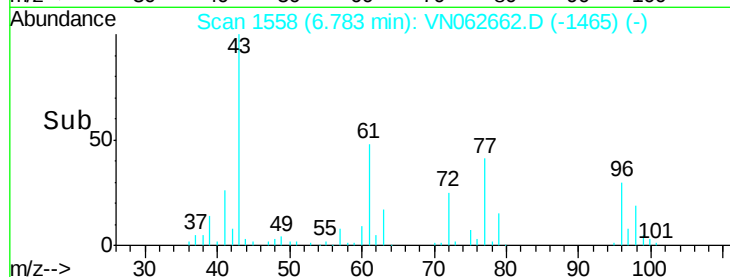
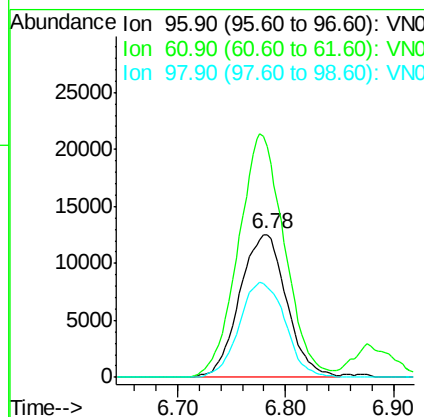
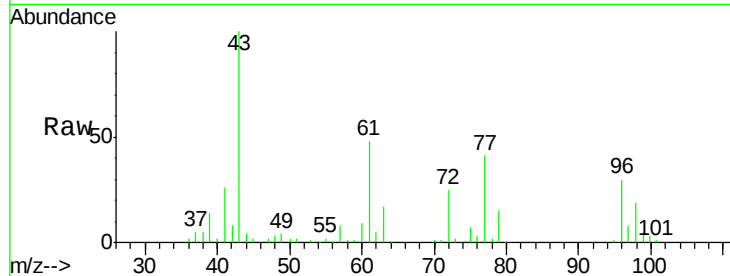
ClientSampleId :

VN0730WBSD01

Tot Ion:	96	Resp:	37914
Ion	Ratio	Lower	Upper
96	100		
61	167.3	0.0	332.4
98	65.4	0.0	127.4

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#28

Bromochloromethane

Concen: 19.478 ug/l

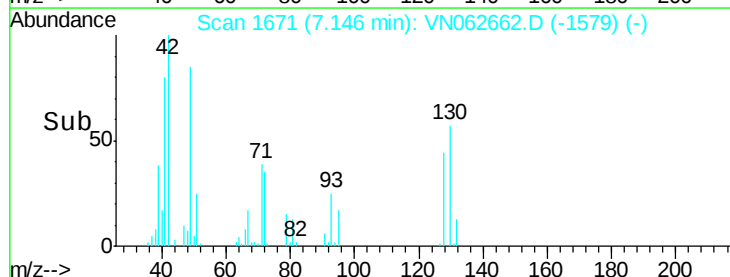
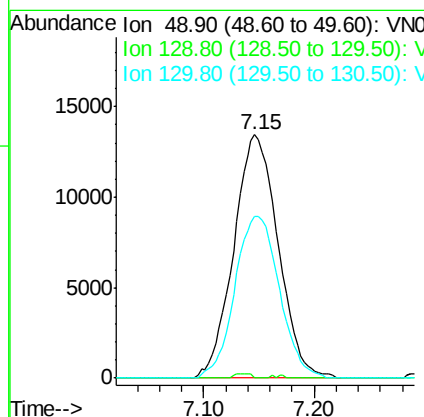
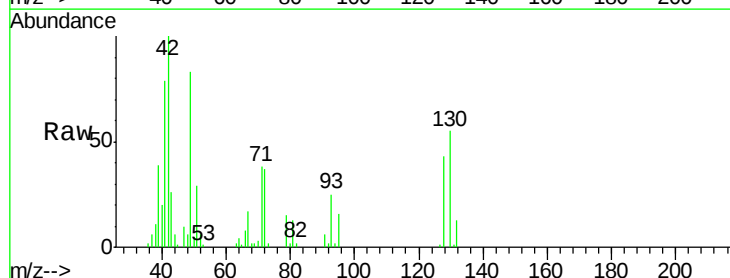
RT: 7.15 min Scan# 1671

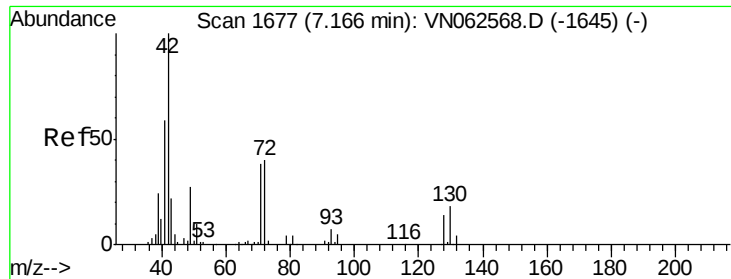
Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion:	49	Resp:	37471
Ion	Ratio	Lower	Upper
49	100		
129	0.1	0.0	3.4
130	66.7	49.8	74.8





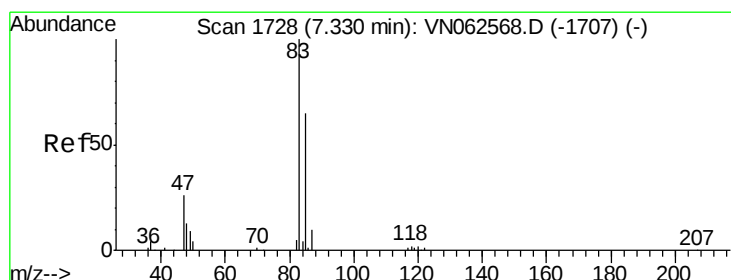
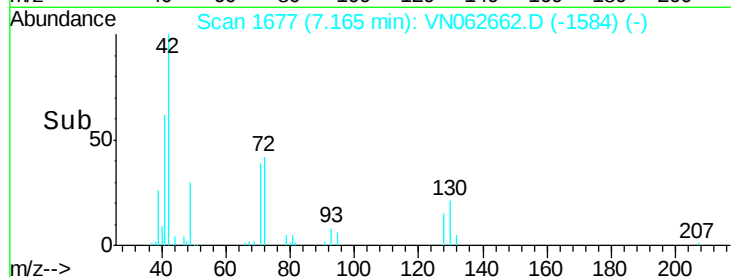
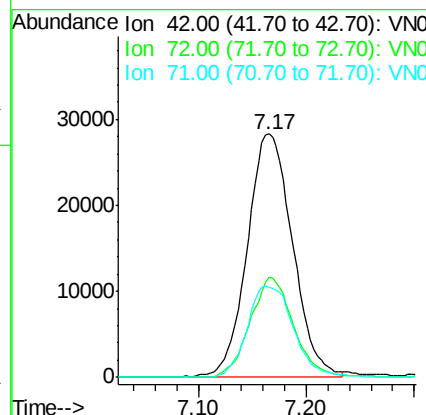
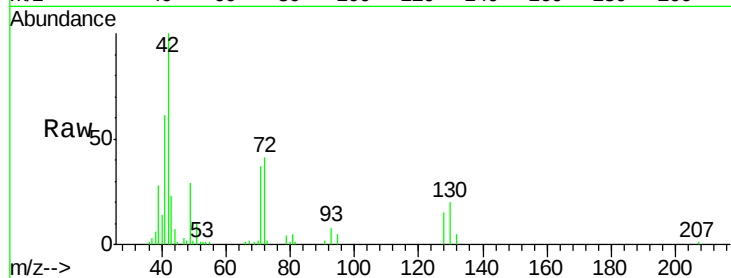
#29
Tetrahydrofuran
Concen: 87.018 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampled :
VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	30.7	46.1
71	38.3	29.1	43.7

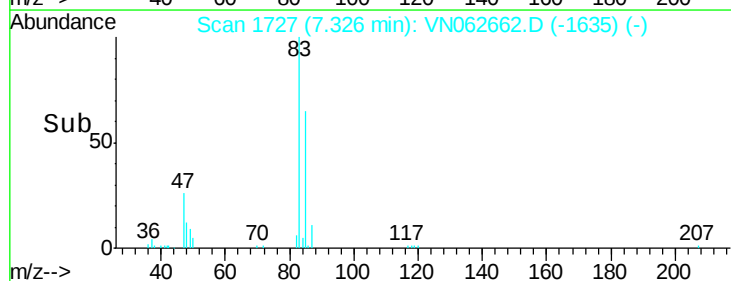
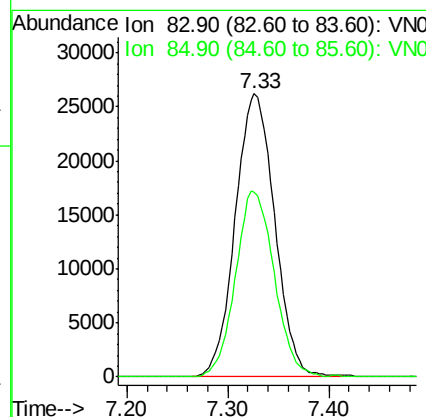
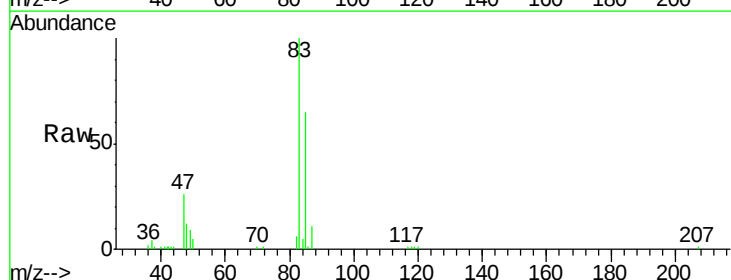
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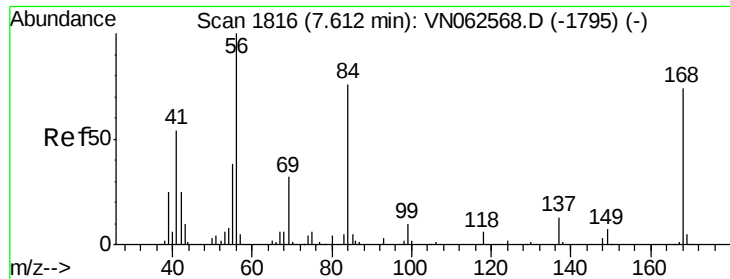
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7/31/2020 11:56:49 AM



#30
Chloroform
Concen: 19.141 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.0	78.0





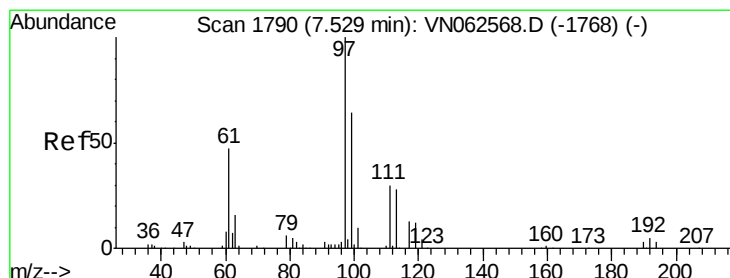
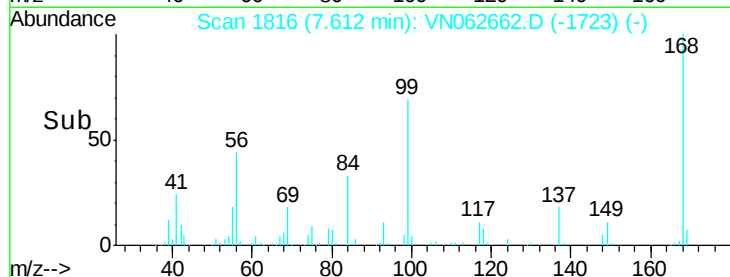
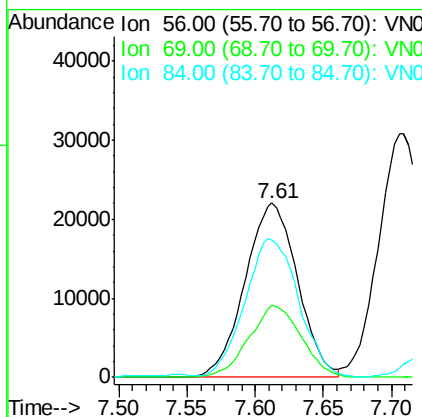
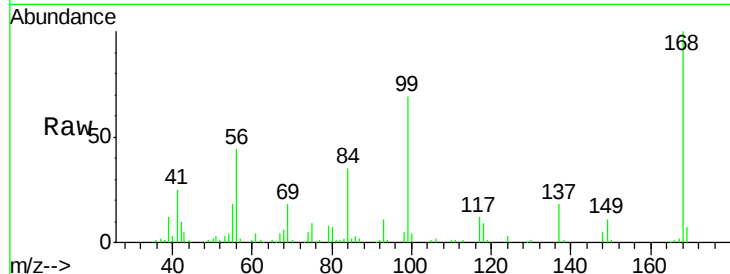
#31
Cyclohexane
Concen: 16.341 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.2	25.3	37.9#
84	77.7	61.0	91.4

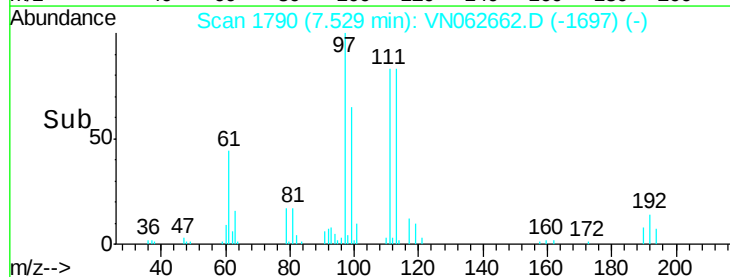
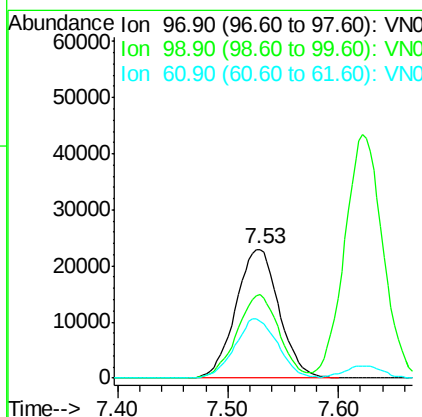
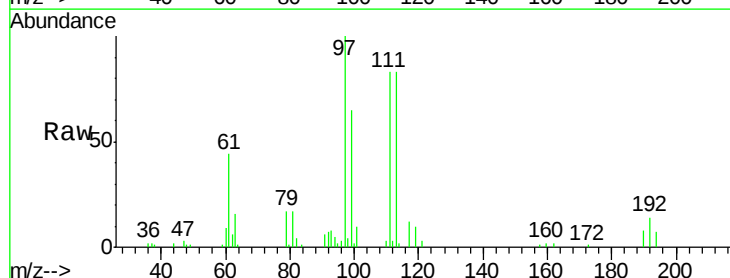
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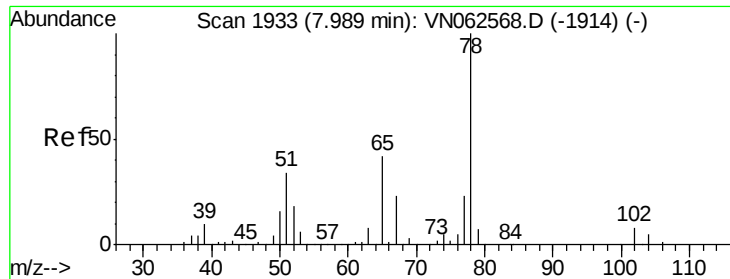
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#32
1,1,1-Trichloroethane
Concen: 20.097 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.2	76.8
61	45.6	38.4	57.6





#33

1,2-Dichloroethane-d4

Concen: 52.595 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 65 Resp: 128829

Ion Ratio Lower Upper

65 100

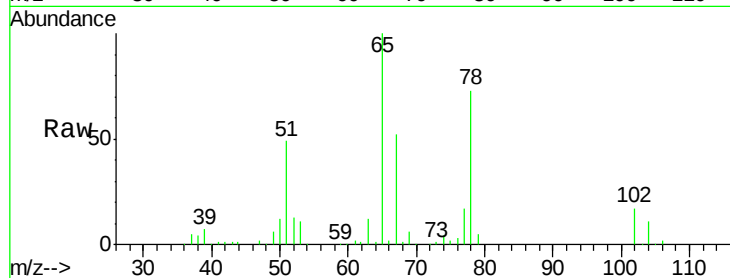
67 50.7 0.0 106.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN062568.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062568.D (-1914) (-)

7.99

60000

50000

40000

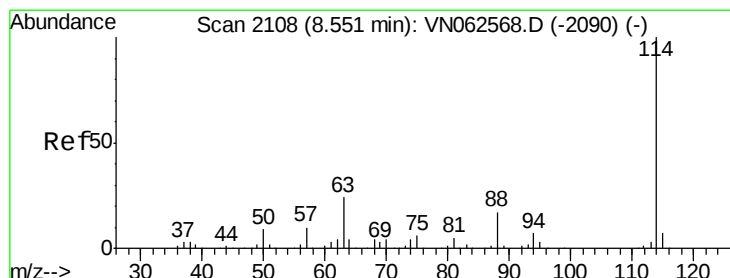
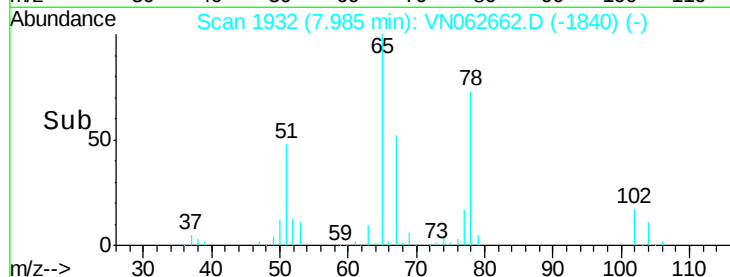
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

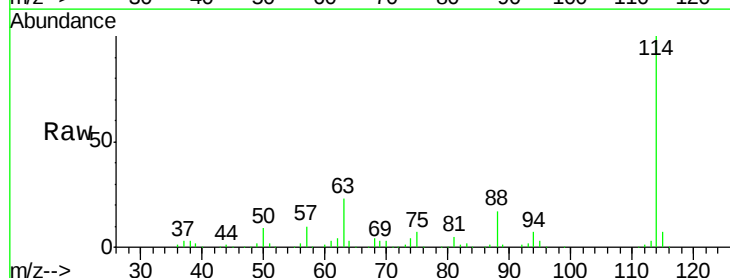
Tgt Ion: 114 Resp: 255882

Ion Ratio Lower Upper

114 100

63 23.0 0.0 48.4

88 17.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062568.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062568.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062568.D (-2090) (-)

8.55

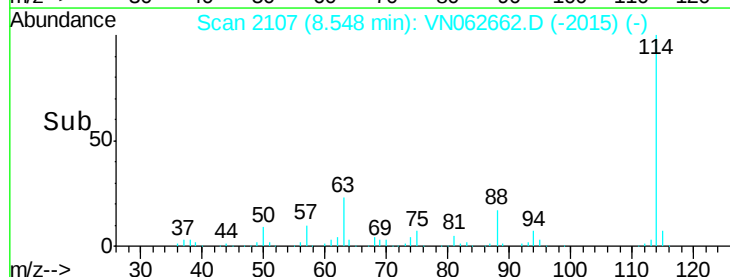
150000

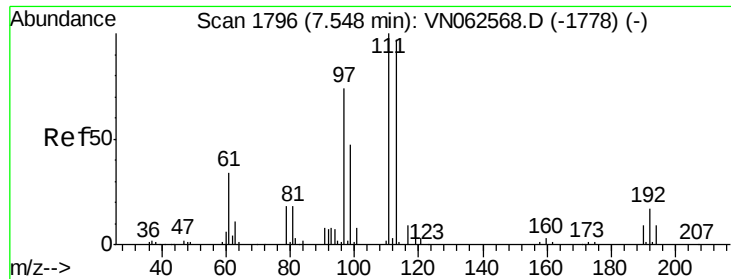
100000

50000

0

Time-->





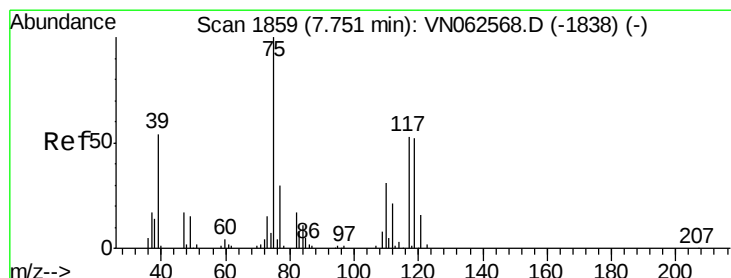
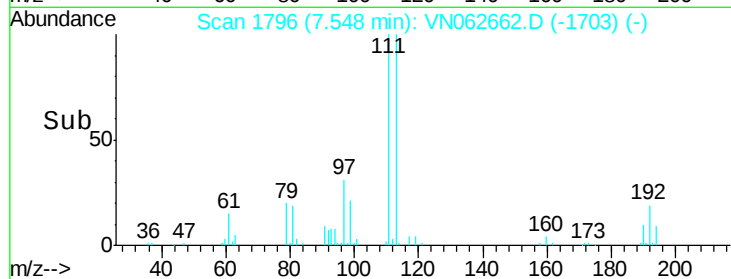
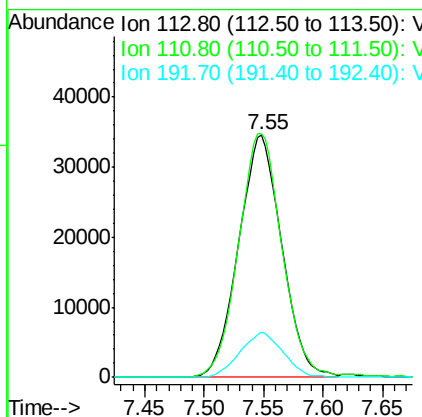
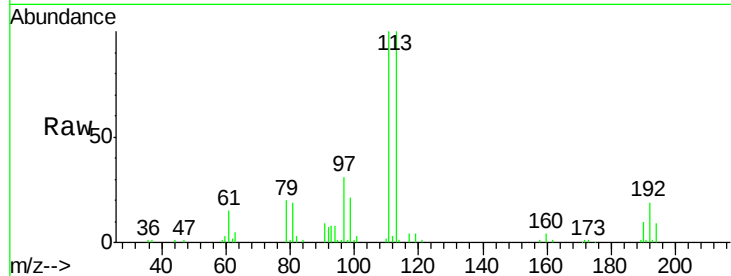
#35
 Dibromofluoromethane
 Concen: 51.621 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.7	124.1
192	18.4	14.8	22.2

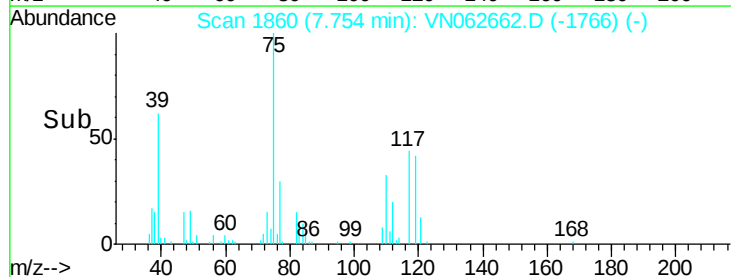
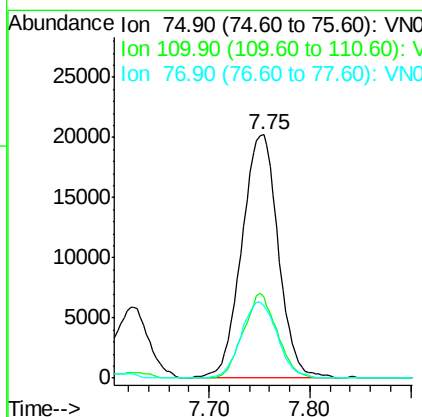
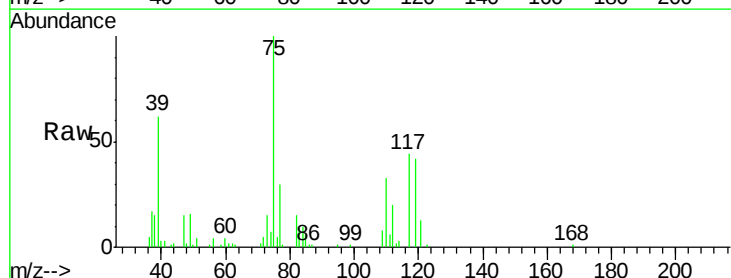
Manual Integrations
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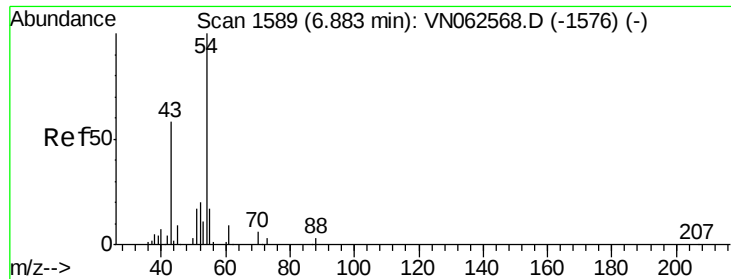
MMDadoda
 7/31/2020 11:56:49 AM



#36
 1,1-Dichloropropene
 Concen: 18.632 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	16.0	48.0
77	30.9	24.6	36.8





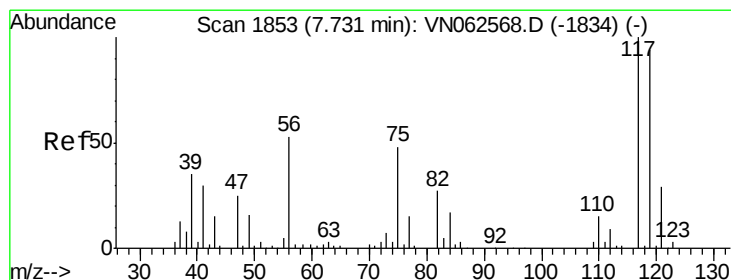
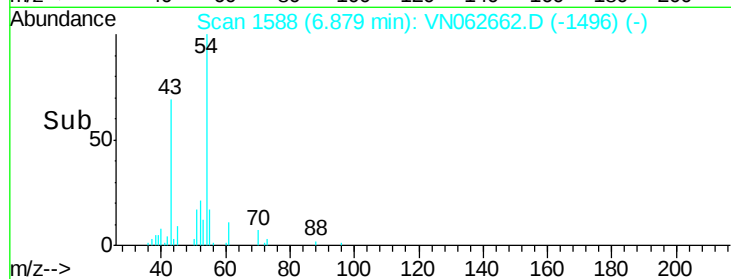
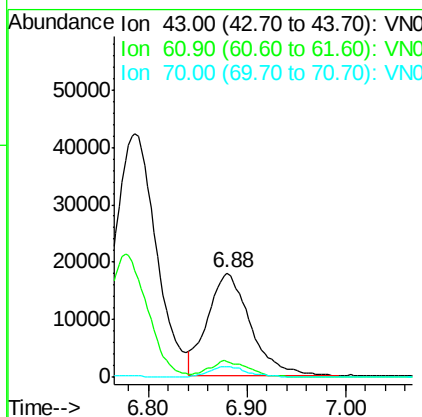
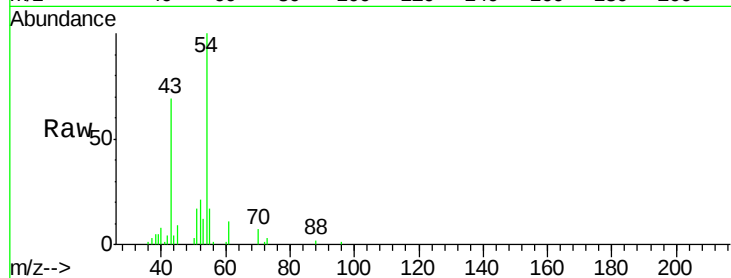
#37
Ethyl Acetate
Concen: 18.439 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampled :
VN0730WBSD01

Tot Ion	43	Resp	54212
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	9.7	7.7	11.5

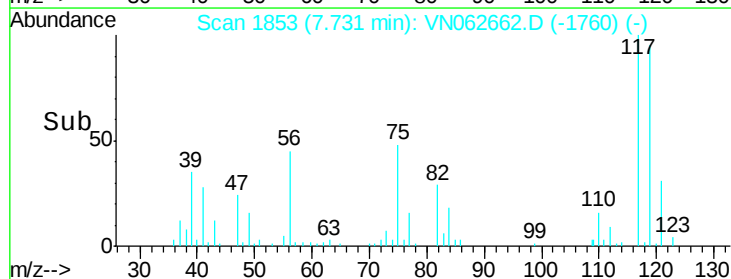
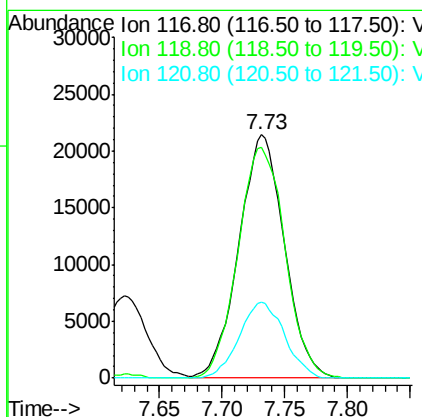
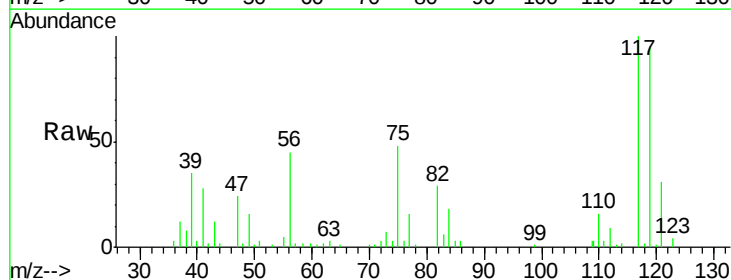
Manual Integrations
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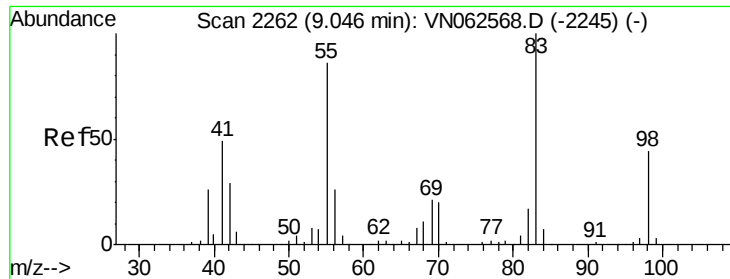
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.651 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	117	Resp	54141
Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.8	112.2
121	31.4	23.0	34.6





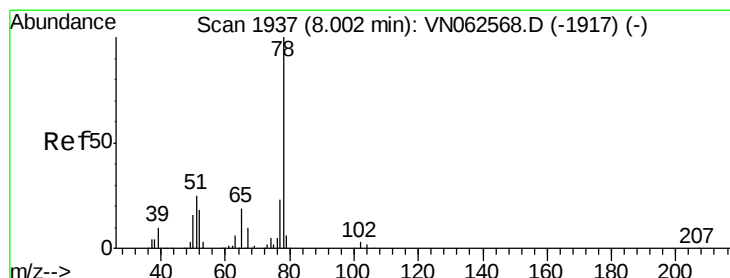
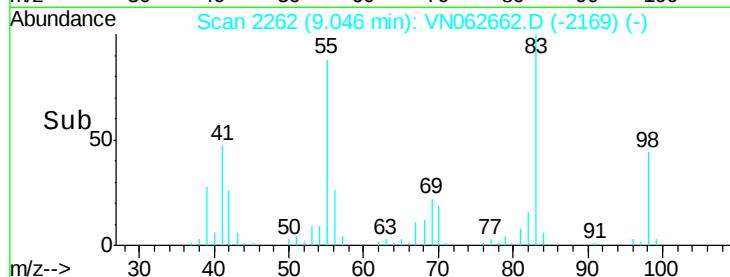
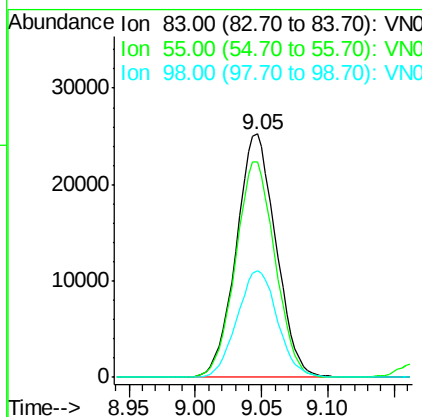
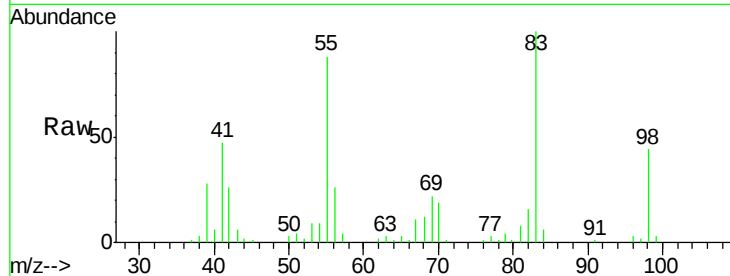
#39
Methvlcvclohexane
Concen: 17.919 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion	83.00	Resp	52611
Ion Ratio	Lower	Upper	
83	100		
55	88.3	68.9	103.3
98	44.0	35.1	52.7

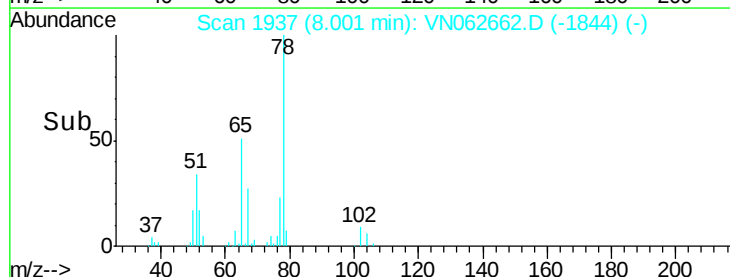
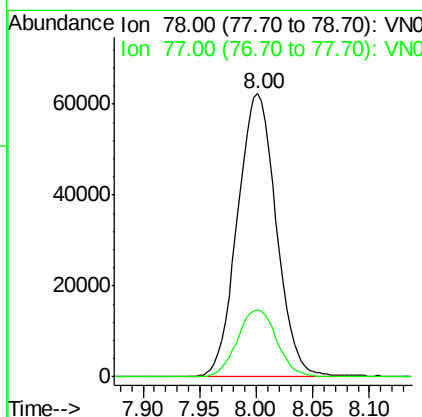
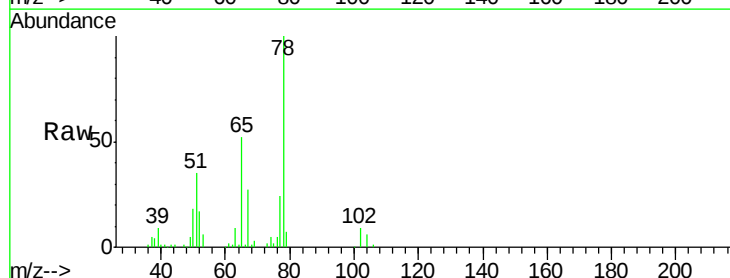
Manual Integrations
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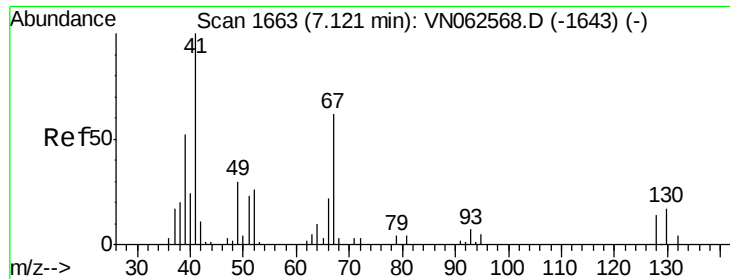
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#40
Benzene
Concen: 18.021 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	78	Resp	148801
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.7	28.1





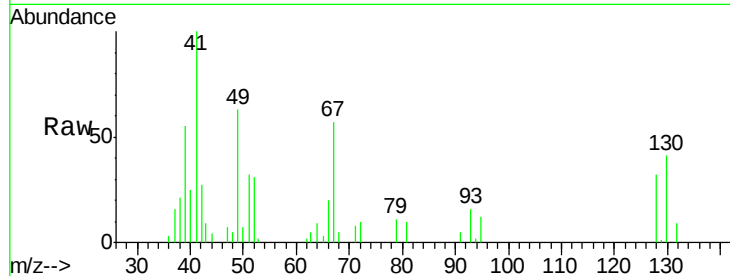
#41
Methacrylonitrile
Concen: 18.890 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampled :
VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	55.8	83.6#
67	82.6	72.5	108.7
52	41.6	31.8	47.8

Manual Integrations
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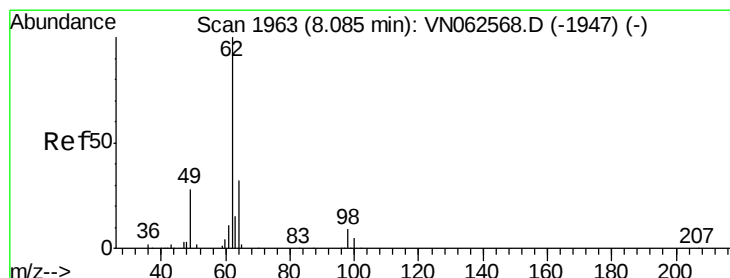
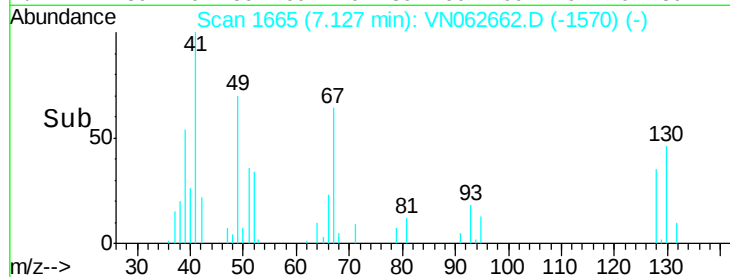
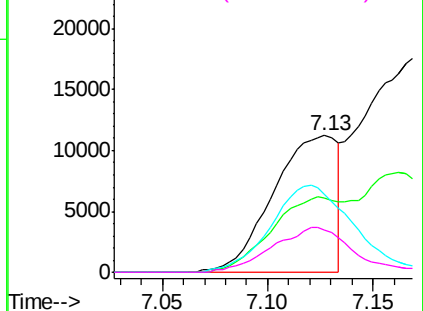


Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-1643) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-1643) (-)

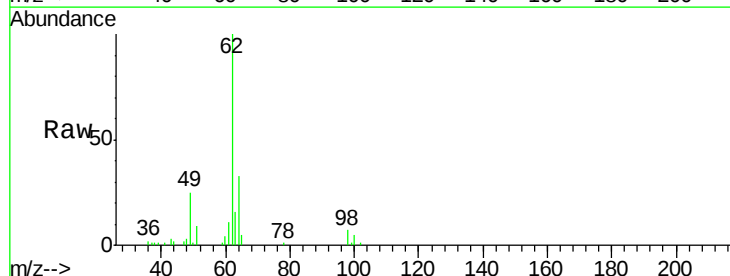
Ion 67.00 (66.70 to 67.70): VN062568.D (-1643) (-)

Ion 52.00 (51.70 to 52.70): VN062568.D (-1643) (-)



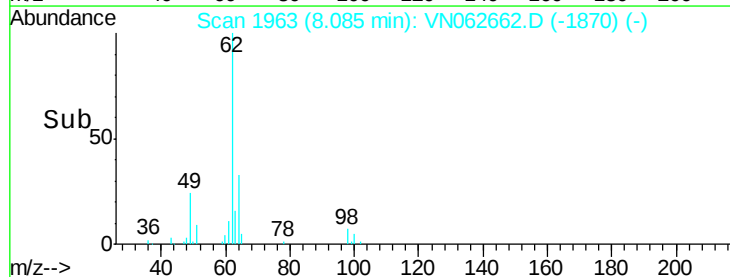
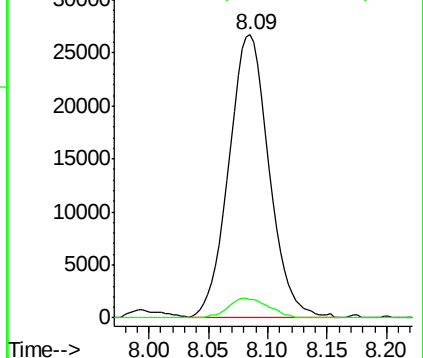
#42
1,2-Dichloroethane
Concen: 20.777 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

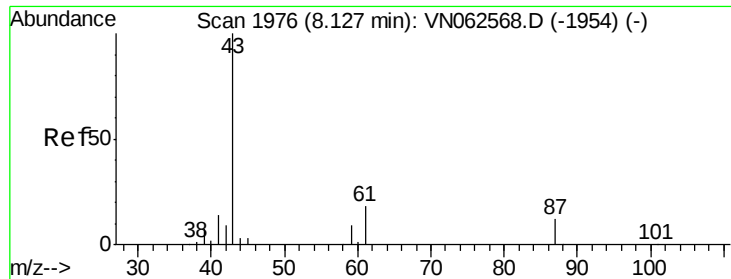
Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN062568.D (-1947) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1947) (-)





#43

Isopropyl Acetate

Concen: 18.374 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

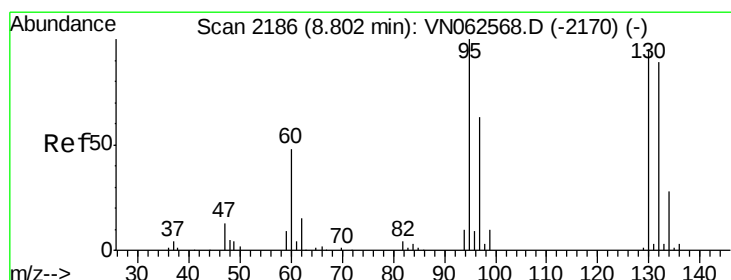
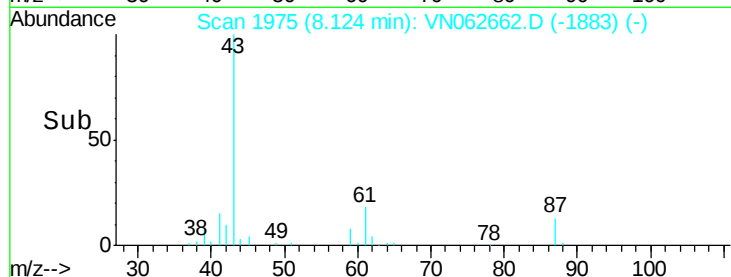
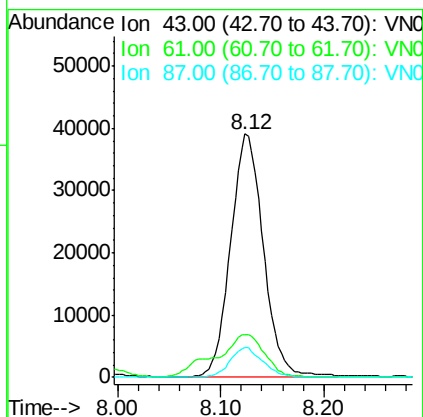
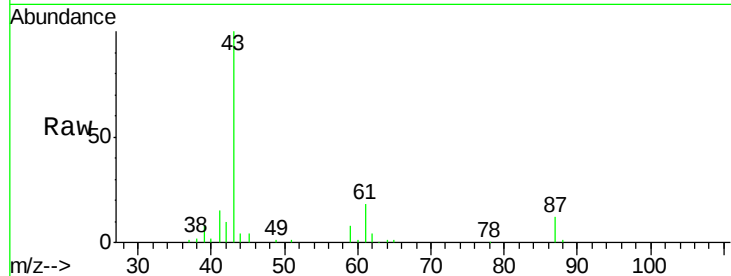
ClientSampleId :

VN0730WBSD01

Tot Ion:	43	Resp:	87084
Ion	Ratio	Lower	Upper
43	100		
61	26.3	20.8	31.2
87	12.1	9.2	13.8

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#44

Trichloroethene

Concen: 18.256 ug/l

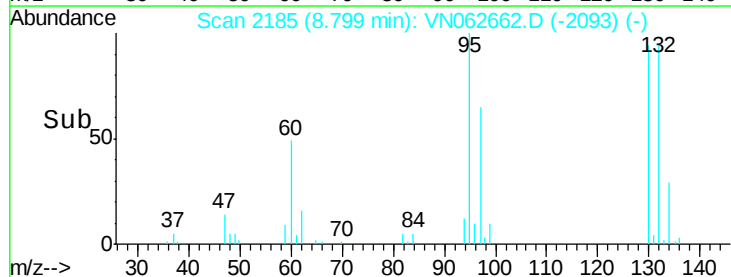
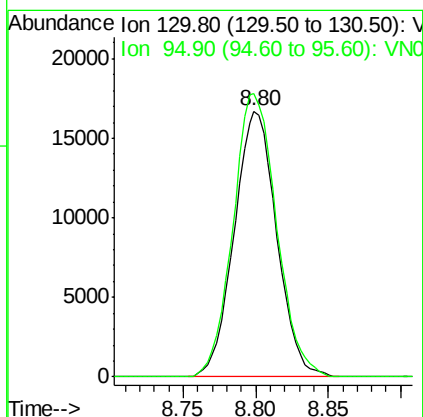
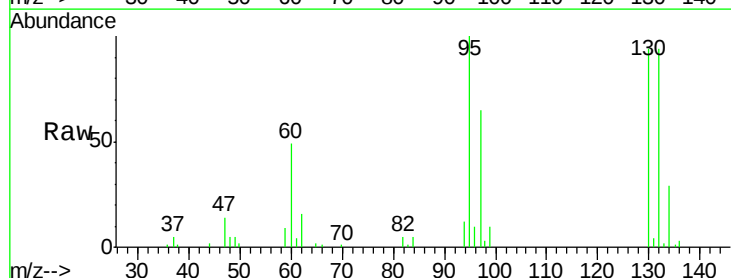
RT: 8.80 min Scan# 2185

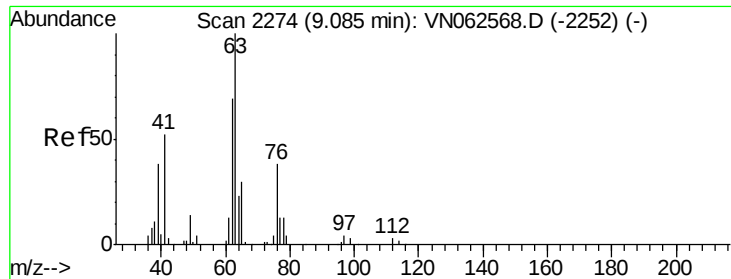
Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion:	130	Resp:	33995
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	210.4





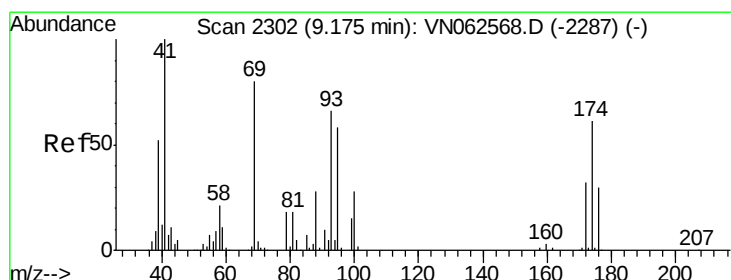
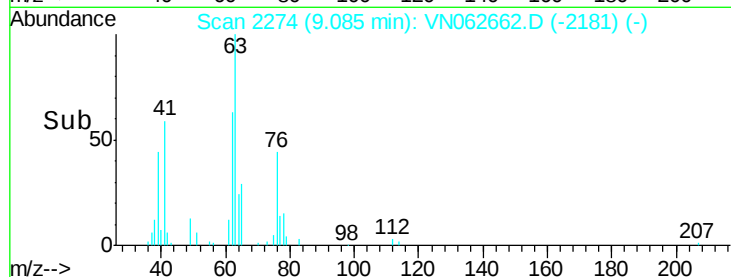
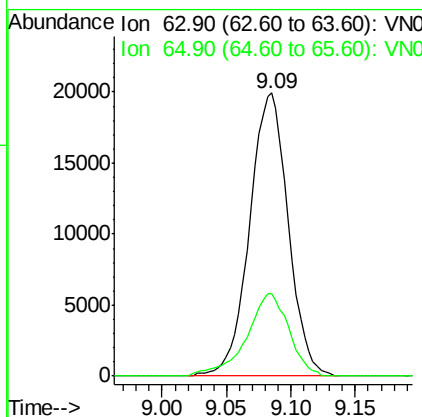
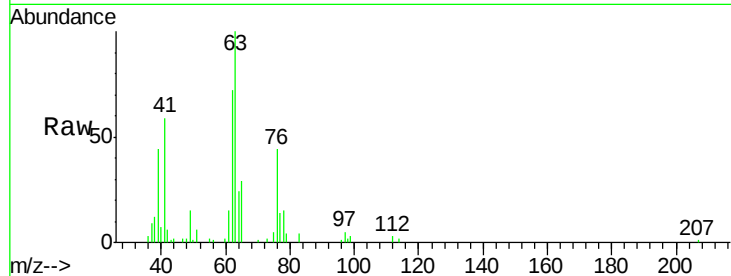
#45
 1,2-Dichloropropane
 Concen: 17.932 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Tot Ion: 63 Resp: 41573
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.4 36.6

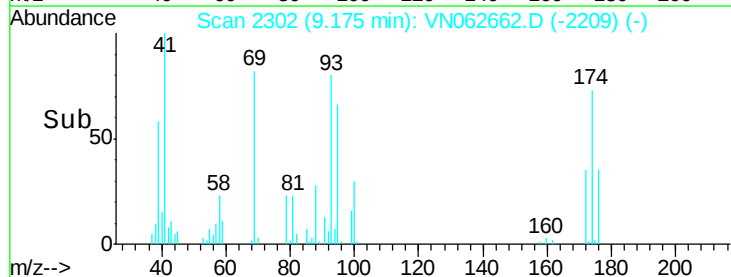
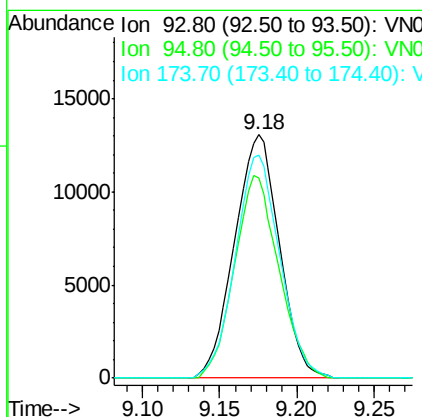
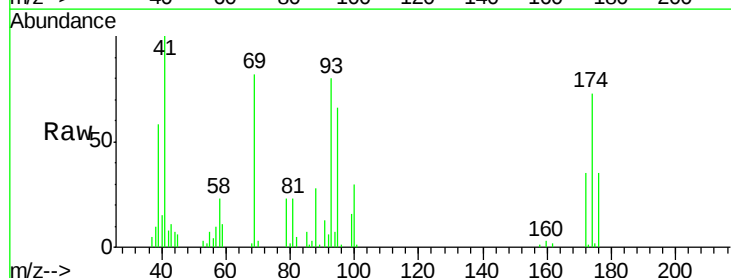
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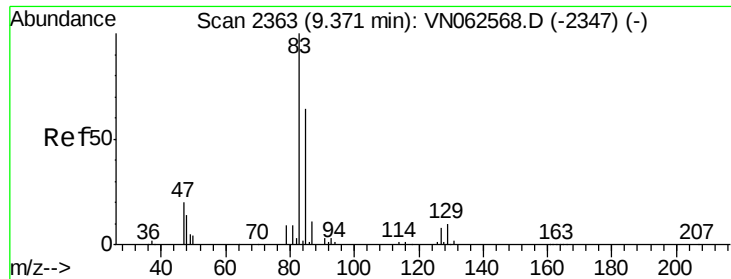
MMDadoda
 7/31/2020 11:56:49 AM



#46
 Dibromomethane
 Concen: 19.687 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Tgt Ion: 93 Resp: 26380
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.6 101.4
 174 90.7 72.5 108.7





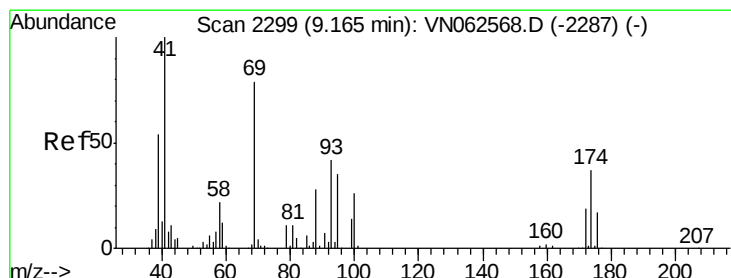
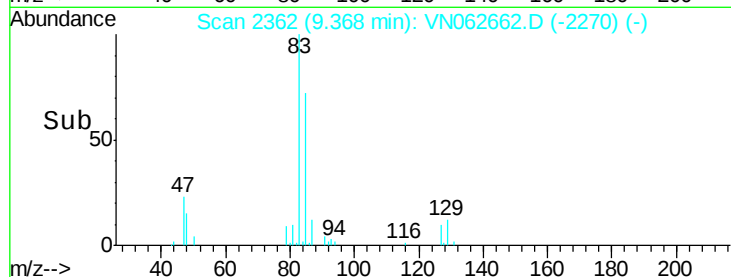
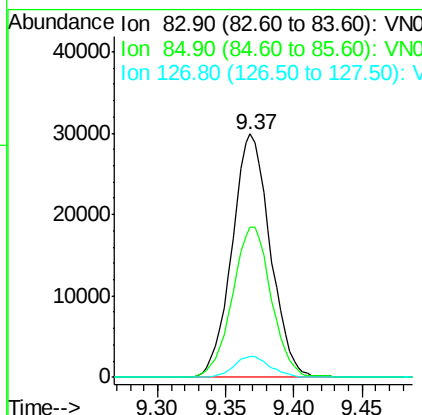
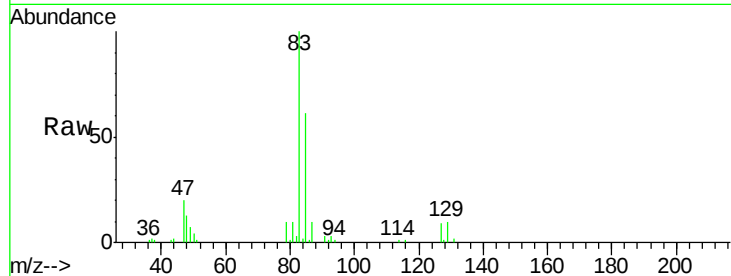
#47
Bromodichloromethane
Concen: 20.000 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.6	77.4
127	8.6	6.2	9.2

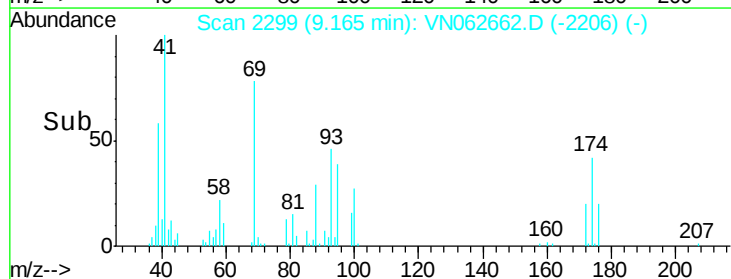
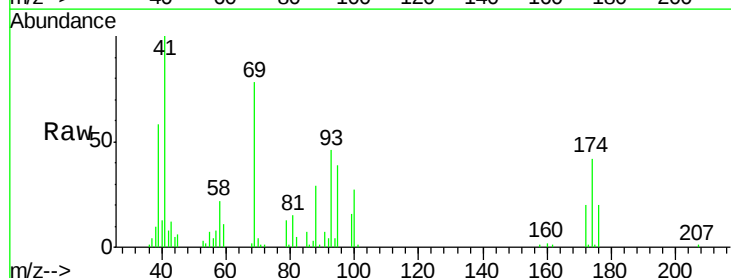
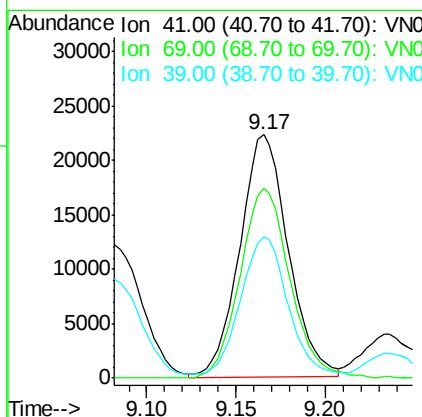
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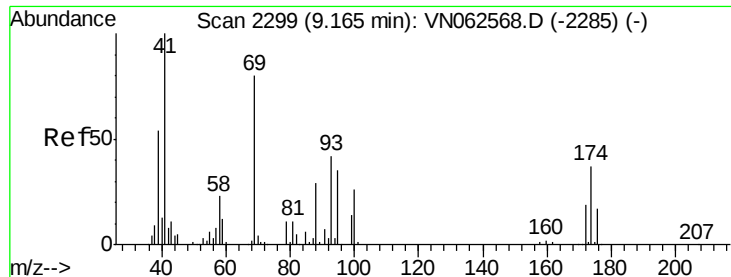
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#48
Methyl methacrylate
Concen: 18.736 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.3	64.4	96.6
39	58.2	43.5	65.3





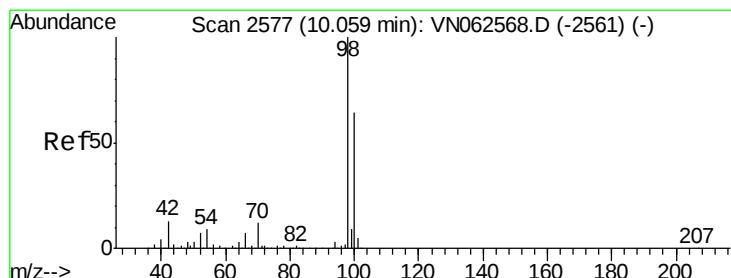
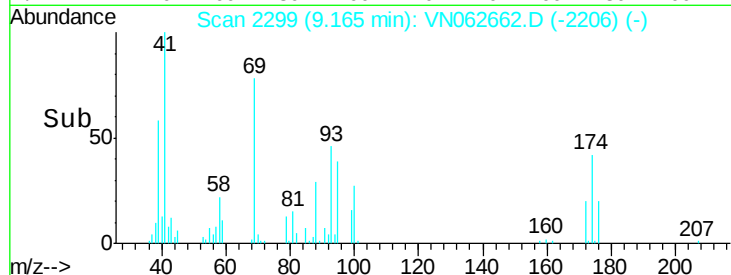
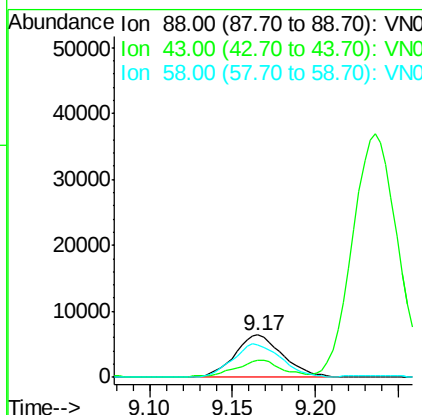
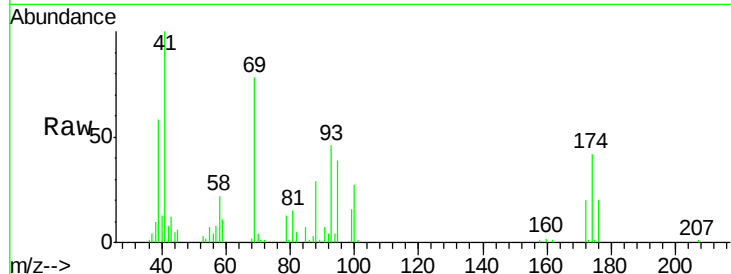
#49
1,4-Dioxane
Concen: 373.660 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleID :
VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.7	32.0	48.0
58	79.7	62.8	94.2

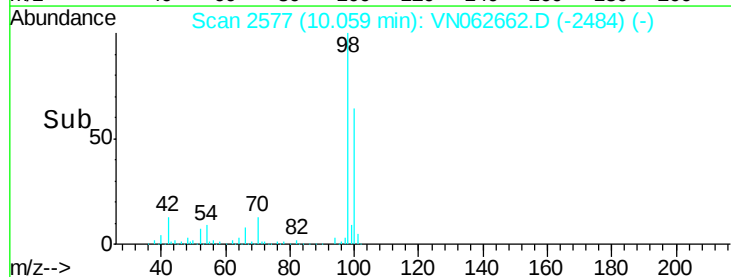
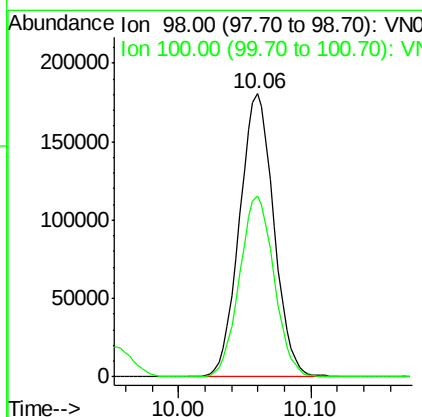
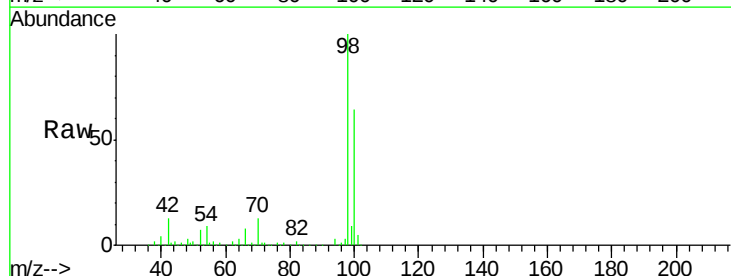
Manual Integrations
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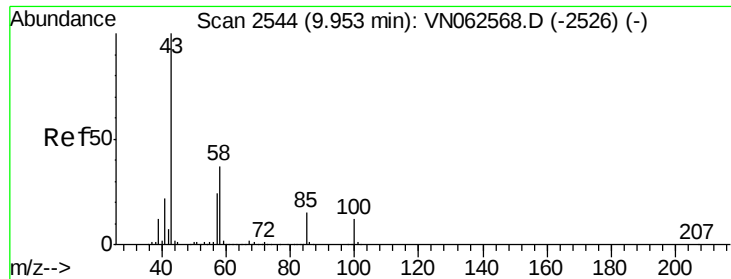
MMDadoda
7/31/2020 11:56:49 AM



#50
Toluene-d8
Concen: 48.413 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 93.146 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 43 Resp: 264149

Ion Ratio Lower Upper

43 100

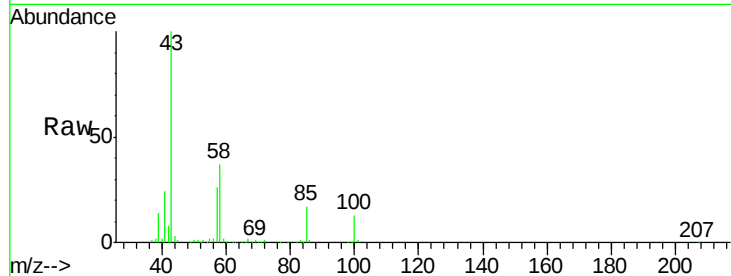
58 37.4 29.8 44.6

Manual Integrations

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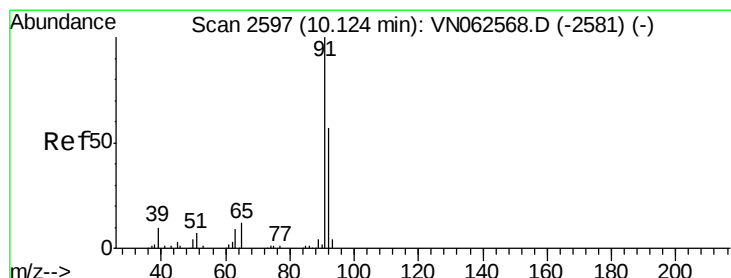
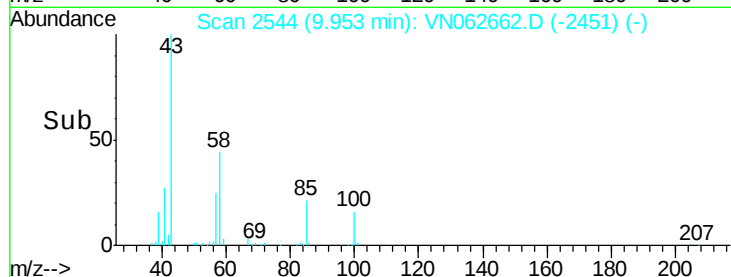
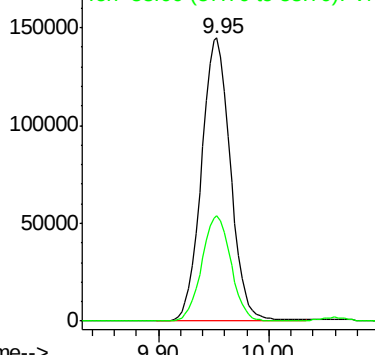
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.131 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062662.D

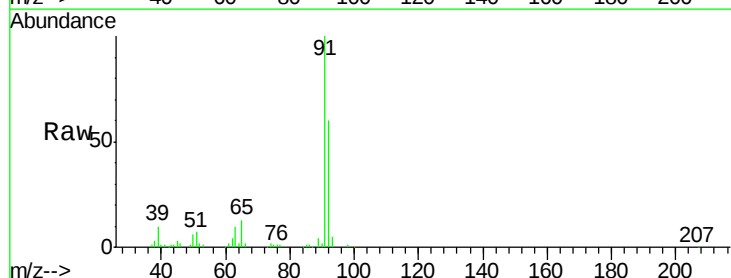
Acq: 30 Jul 2020 11:27

Tgt Ion: 92 Resp: 91729

Ion Ratio Lower Upper

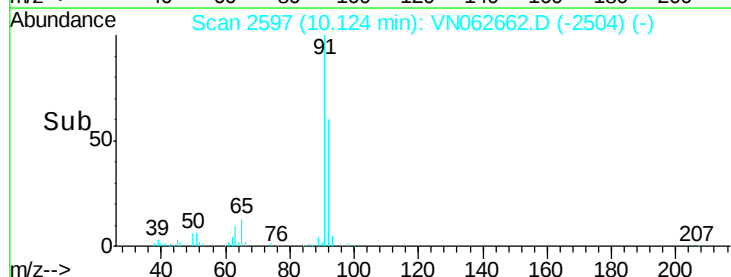
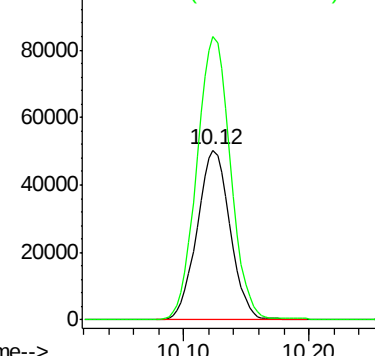
92 100

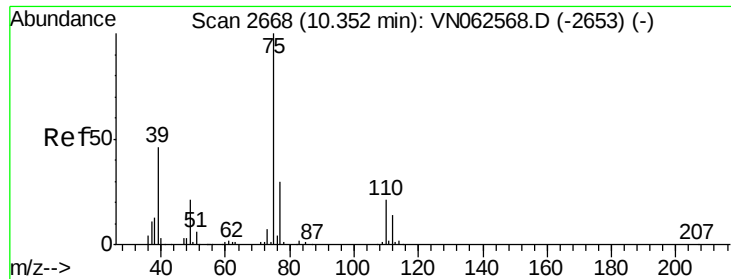
91 170.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





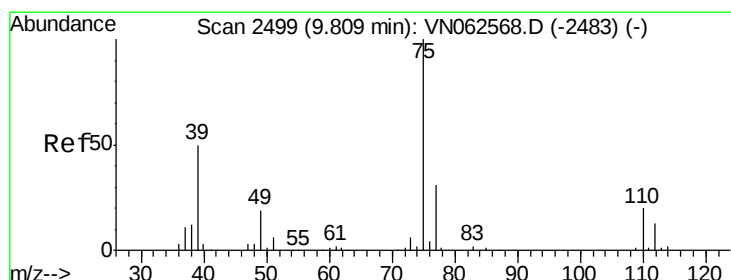
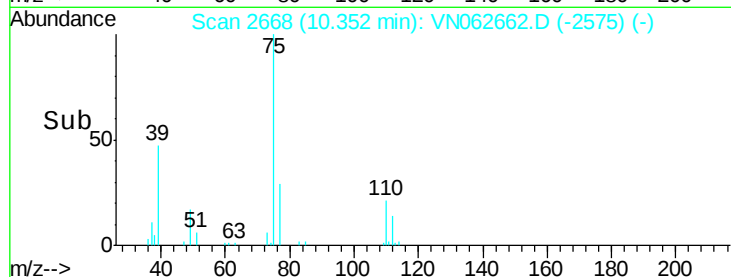
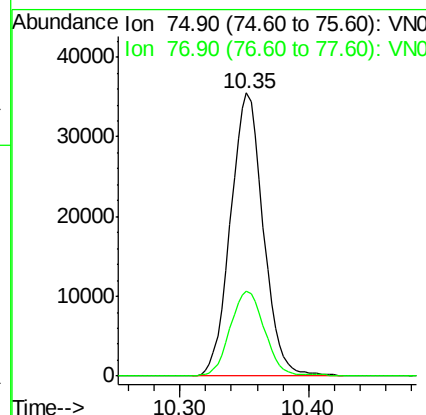
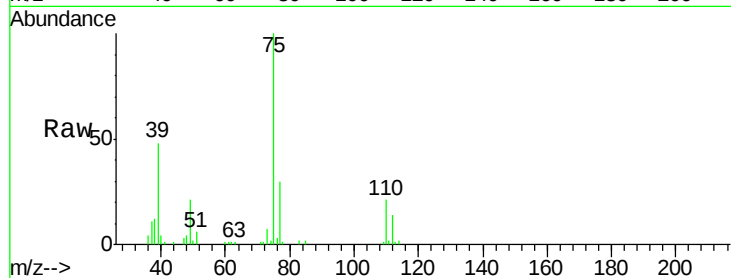
#53
 t-1,3-Dichloropropene
 Concen: 19.329 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Tot Ion: 75 Resp: 62466
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.3 36.5

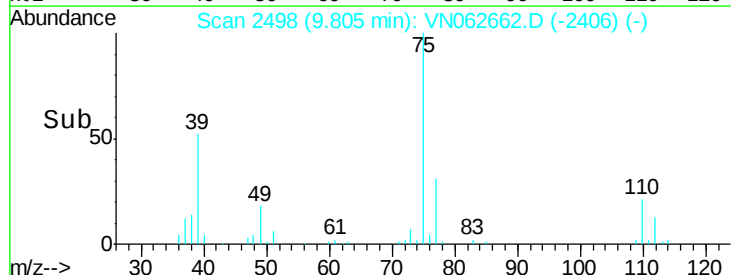
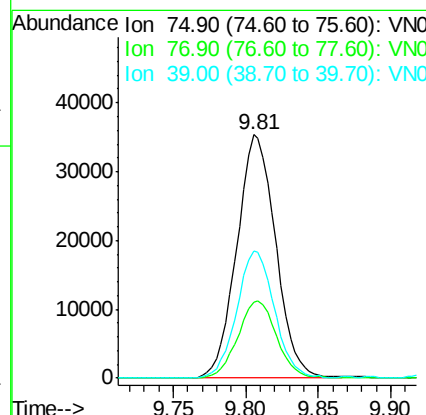
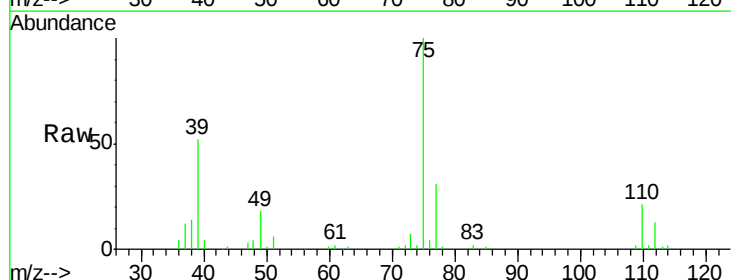
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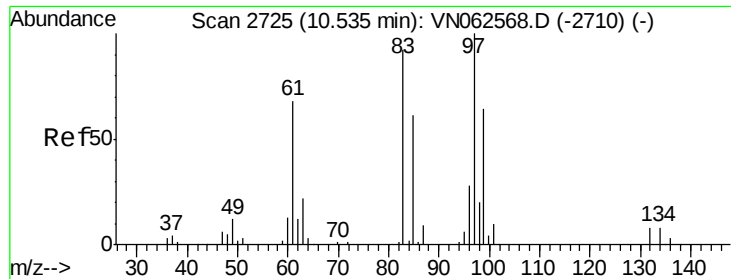
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#54
 cis-1,3-Dichloropropene
 Concen: 19.020 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Tgt Ion: 75 Resp: 65956
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 52.1 39.8 59.8





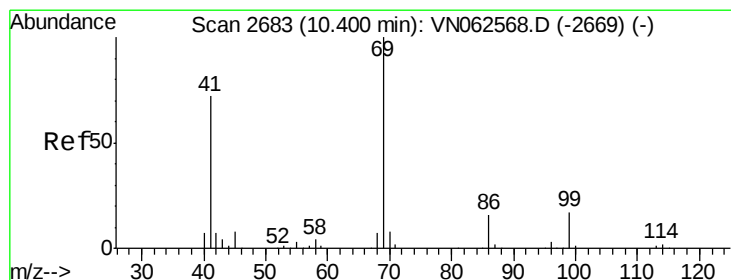
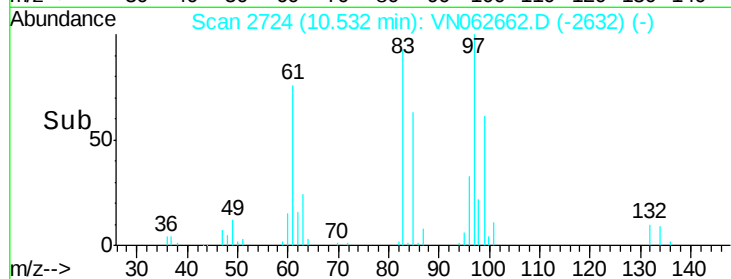
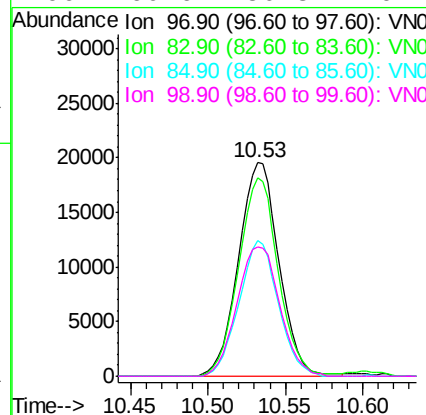
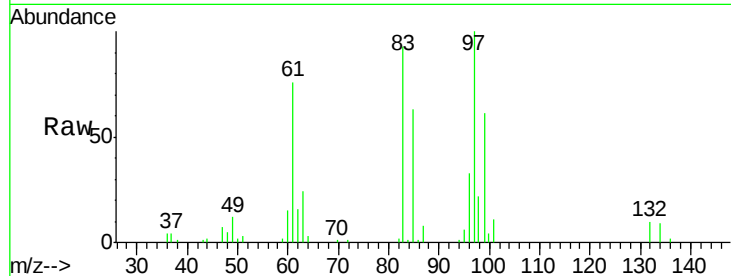
#55
1,1,2-Trichloroethane
Concen: 19.101 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion:	97	Resp:	35525
Ion	Ratio	Lower	Upper
97	100		
83	93.0	73.7	110.5
85	63.4	48.5	72.7
99	60.6	50.8	76.2

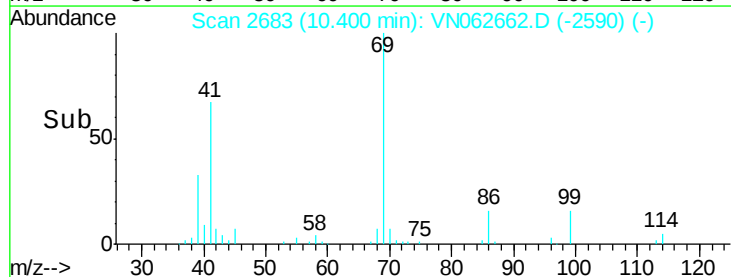
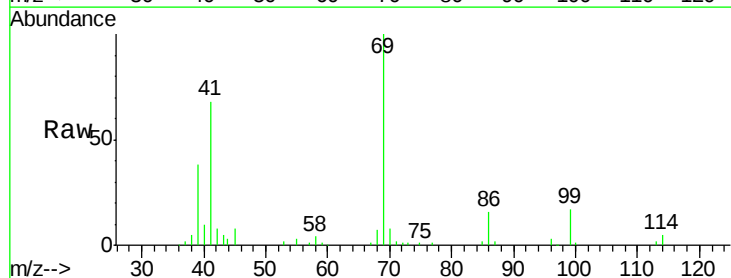
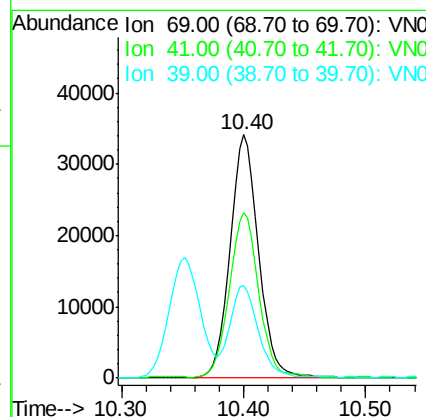
Manual Integrations
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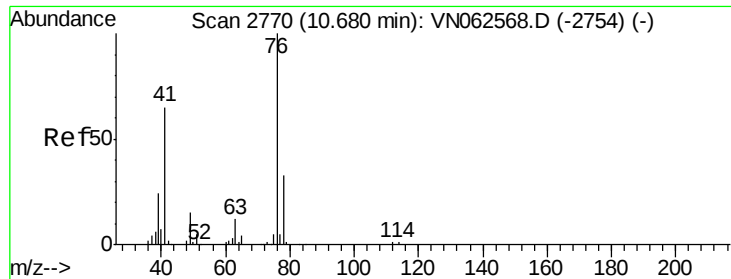
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#56
Ethyl methacrylate
Concen: 17.908 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. 0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion:	69	Resp:	55874
Ion	Ratio	Lower	Upper
69	100		
41	70.7	57.2	85.8
39	36.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.947 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 76 Resp: 64556

Ion Ratio Lower Upper

76 100

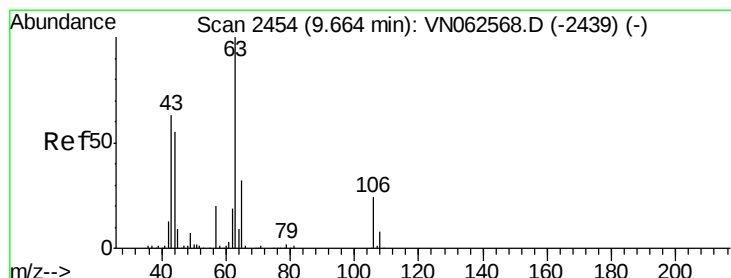
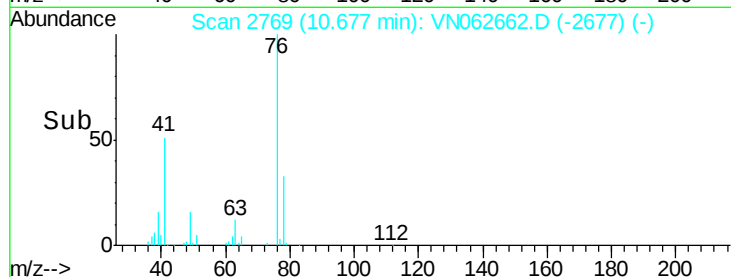
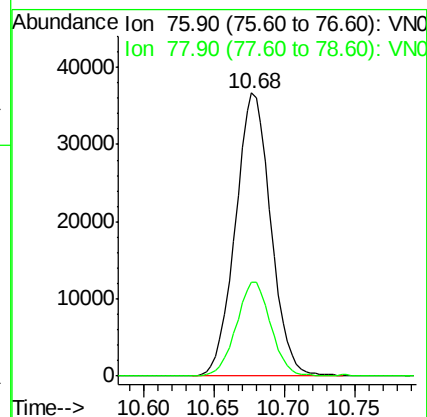
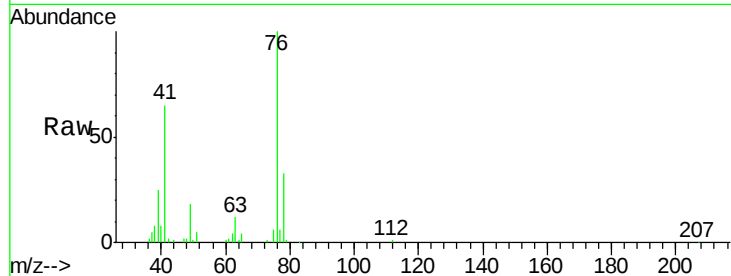
78 32.3 26.3 39.5

Manual Integrations

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MMDadoda

7/31/2020 11:56:49 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.752 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062662.D

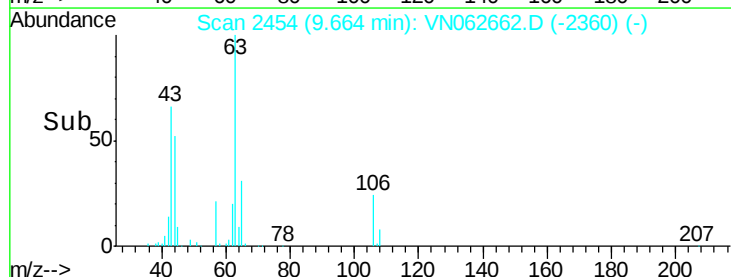
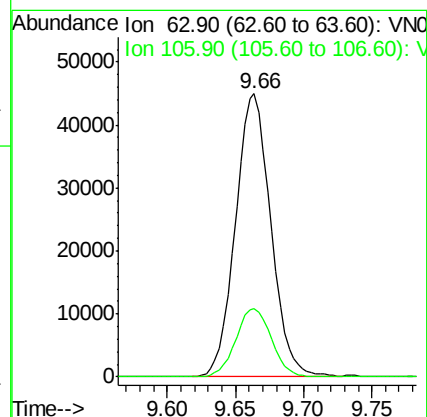
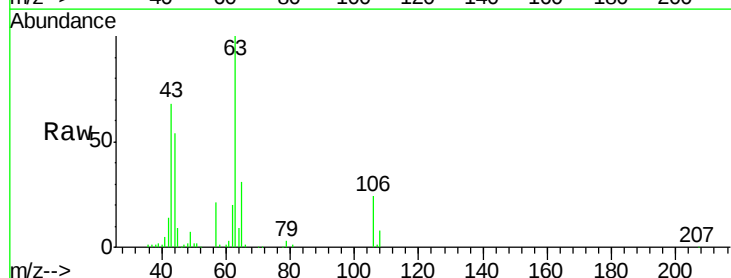
Acq: 30 Jul 2020 11:27

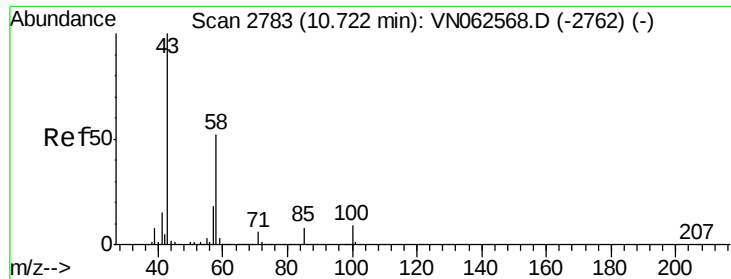
Tgt Ion: 63 Resp: 80950

Ion Ratio Lower Upper

63 100

106 24.2 18.9 28.3





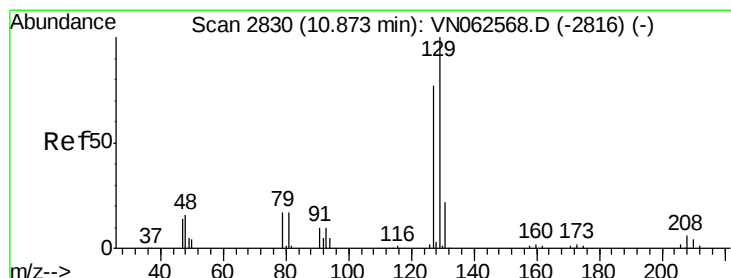
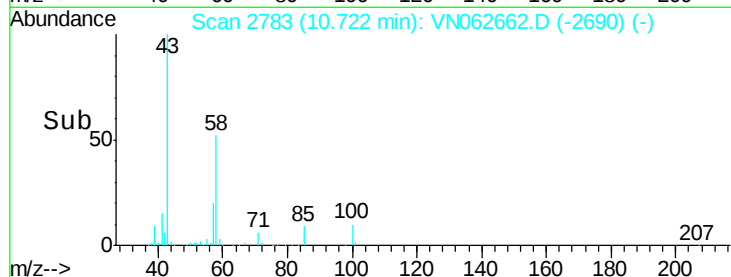
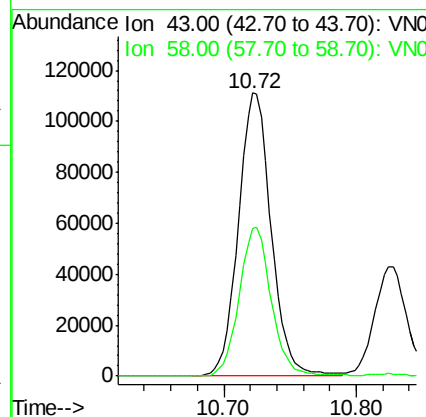
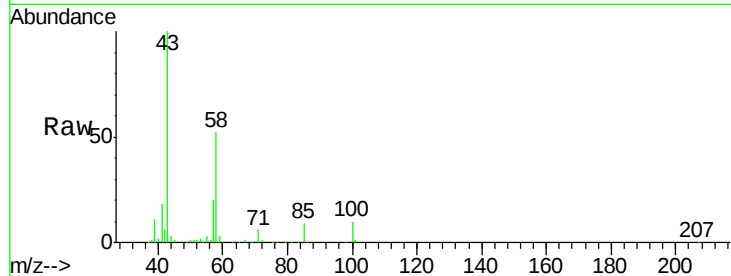
#59
2-Hexanone
Concen: 88.926 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion: 43 Resp: 190798
Ion Ratio Lower Upper
43 100
58 51.1 26.0 78.0

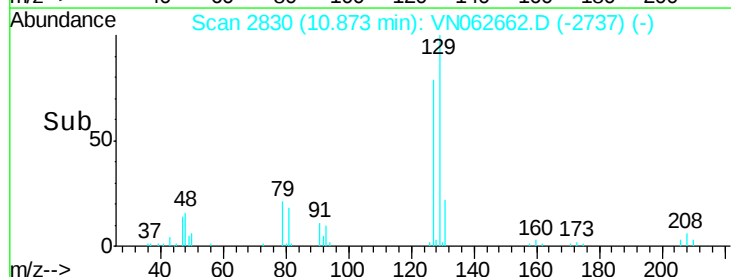
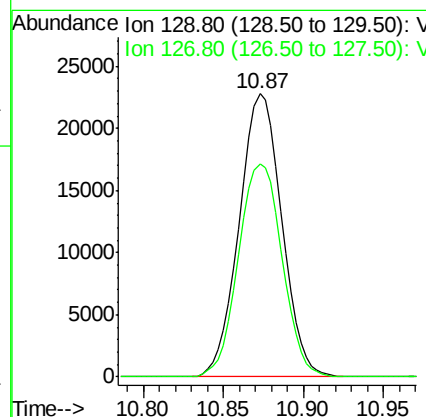
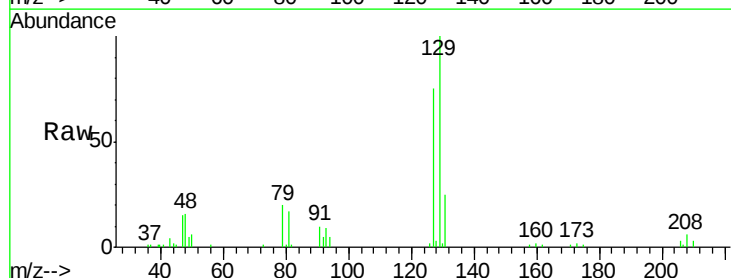
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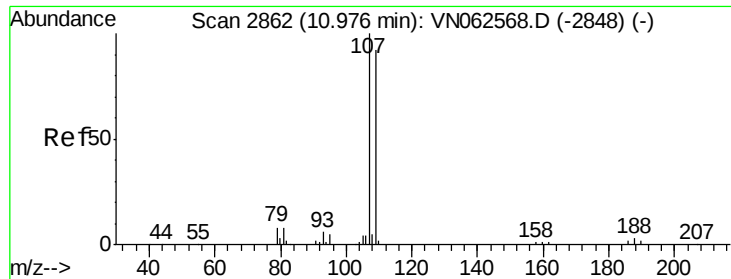
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#60
Dibromochloromethane
Concen: 19.970 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion: 129 Resp: 41434
Ion Ratio Lower Upper
129 100
127 77.1 38.0 113.9





#61

1,2-Dibromoethane

Concen: 18.944 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 107 Resp: 36687

Ion Ratio Lower Upper

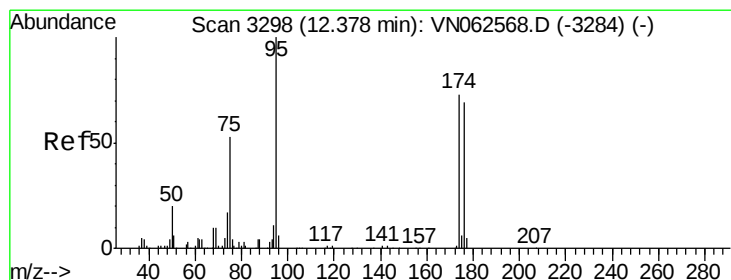
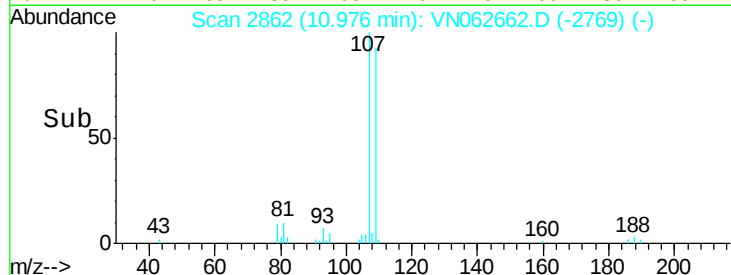
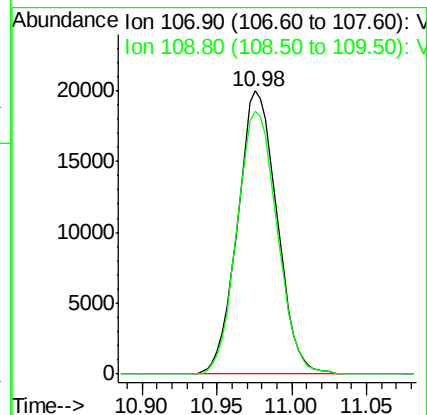
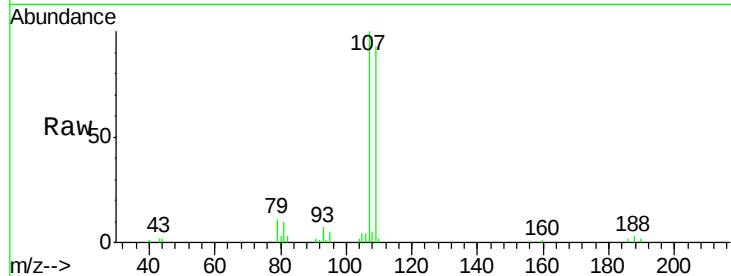
107 100

109 94.3 73.8 110.6

Manual Integrations
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7/31/2020 11:56:49 AM



#62

4-Bromofluorobenzene

Concen: 48.584 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

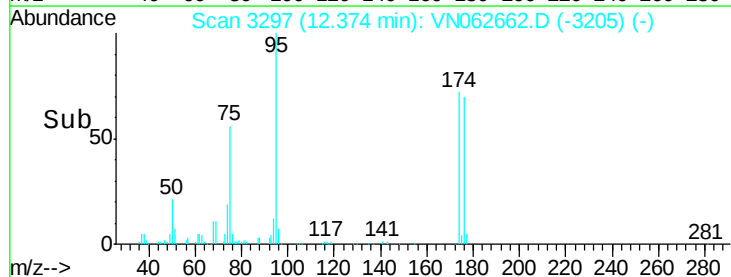
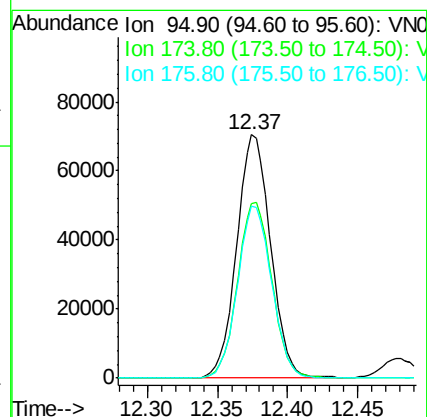
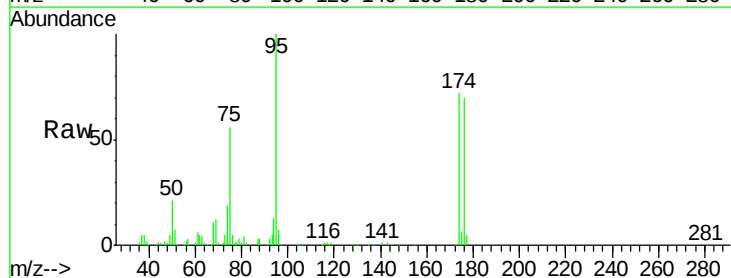
Tgt Ion: 95 Resp: 119132

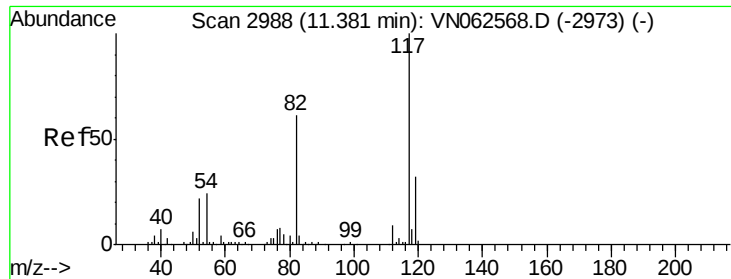
Ion Ratio Lower Upper

95 100

174 73.1 0.0 144.6

176 70.8 0.0 139.4





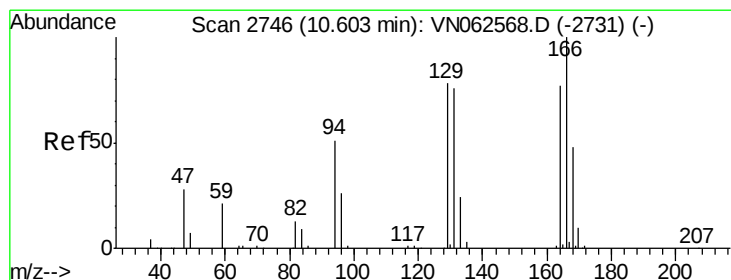
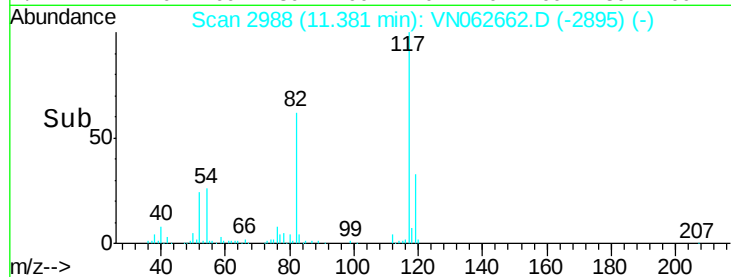
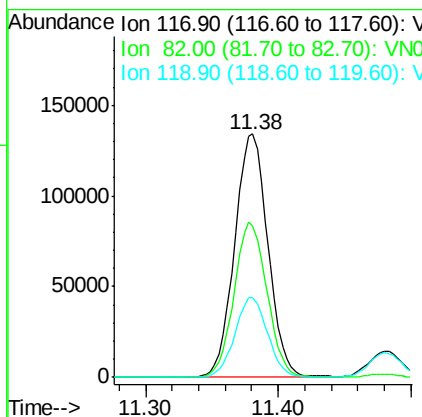
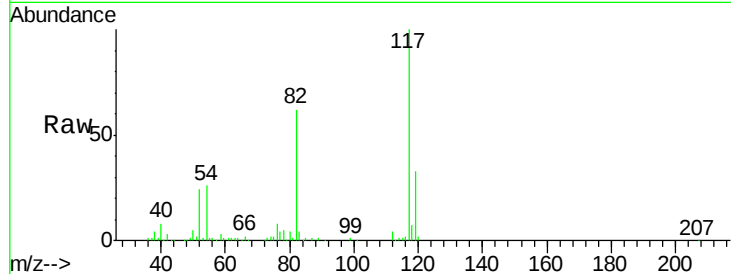
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	233949		
82	62.3	49.0	73.6	
119	32.7	25.4	38.2	

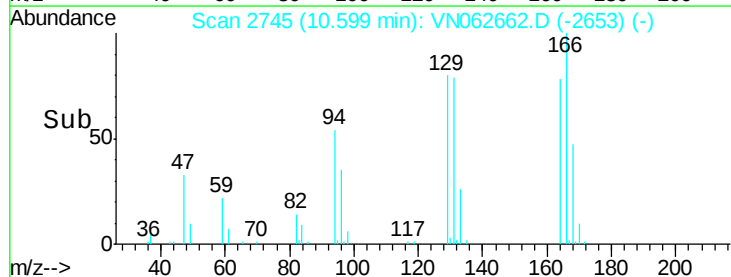
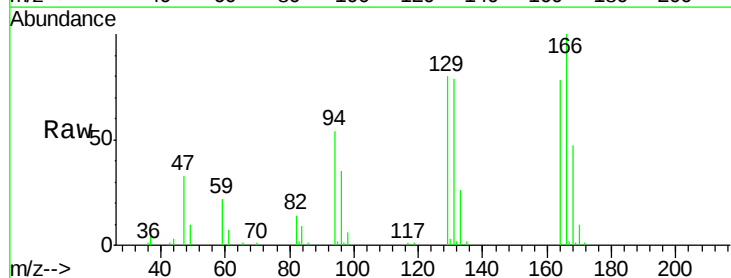
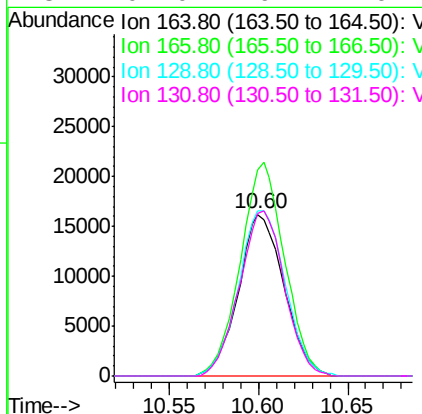
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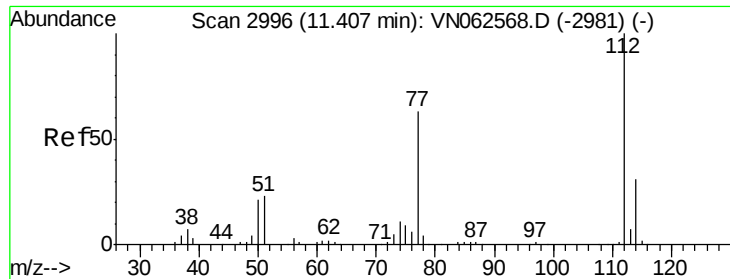
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#64
Tetrachloroethene
Concen: 18.983 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28855		
166	128.0	104.4	156.6	
129	102.0	81.0	121.4	
131	101.0	79.4	119.2	





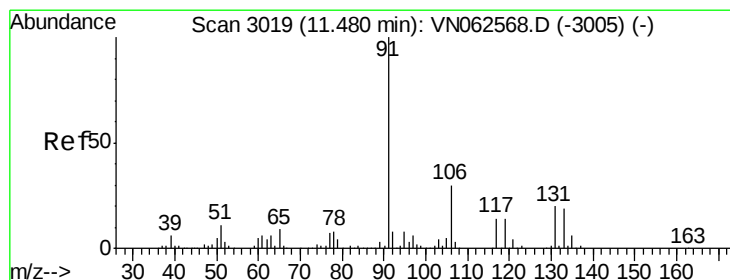
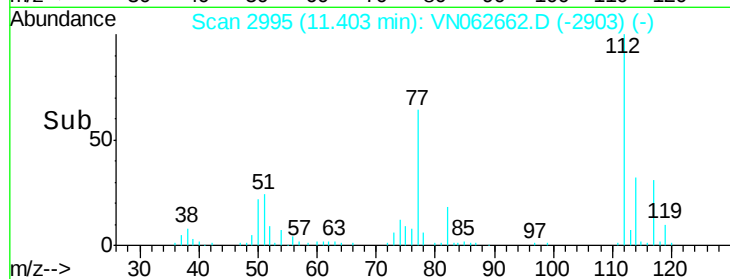
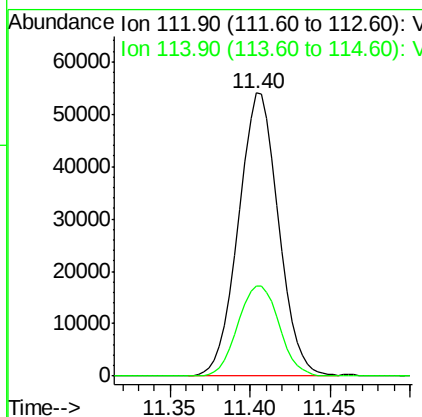
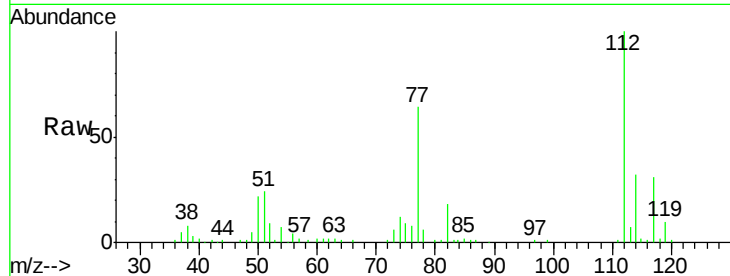
#65
Chlorobenzene
Concen: 18.834 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion:112 Resp: 92375
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

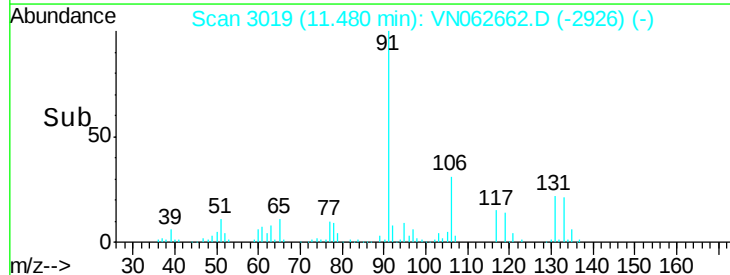
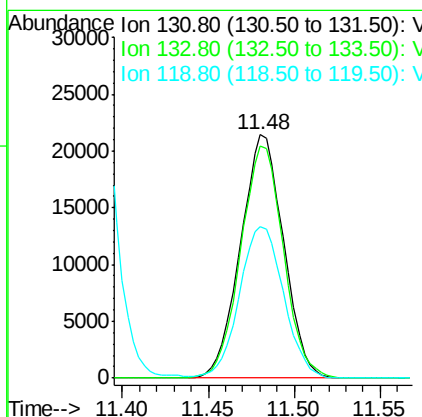
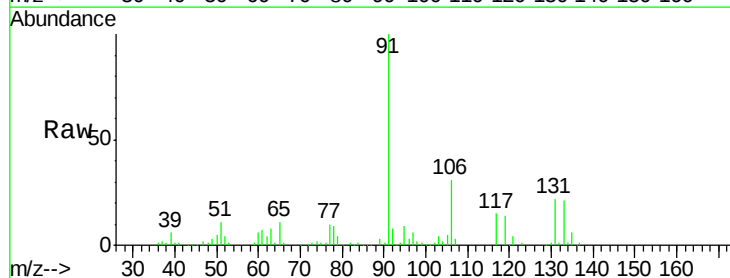
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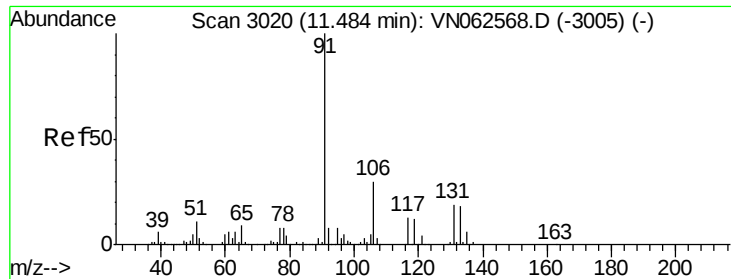
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.129 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion:131 Resp: 37139
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 64.0 33.7 101.0





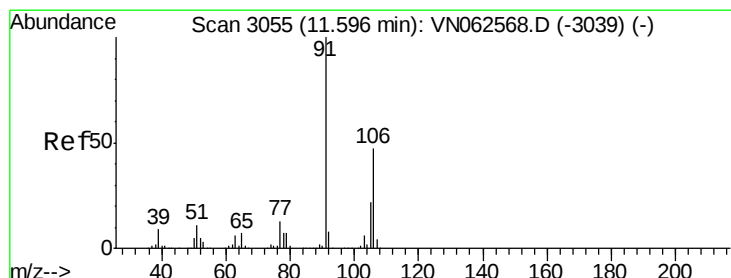
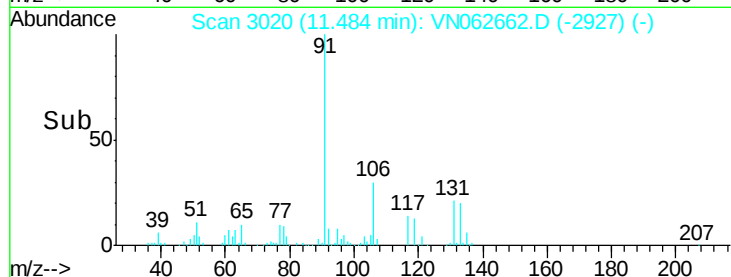
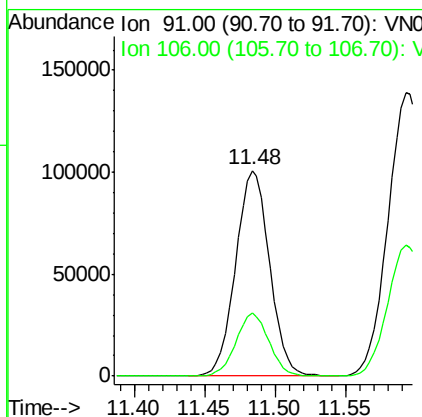
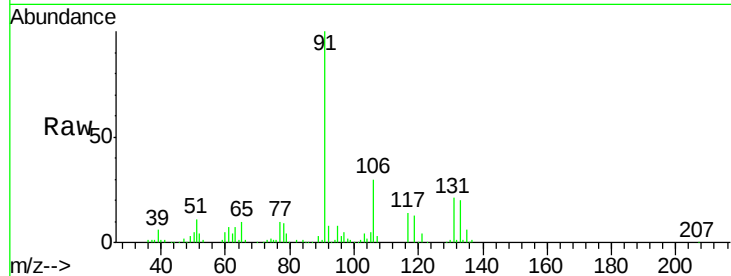
#67
Ethyl Benzene
Concen: 18.920 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion: 91 Resp: 170140
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8

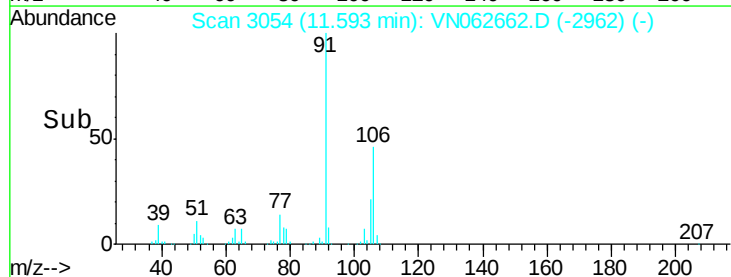
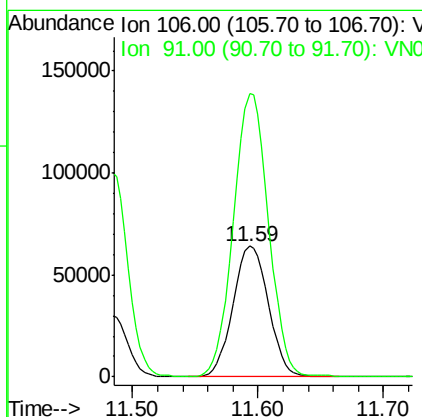
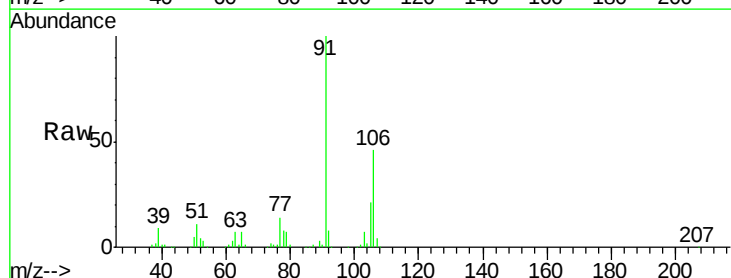
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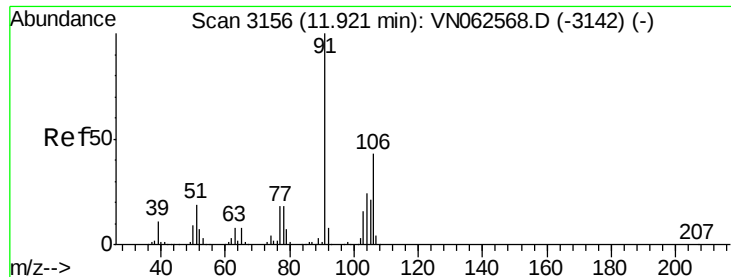
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#68
m/p-Xylenes
Concen: 38.975 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion: 106 Resp: 125975
Ion Ratio Lower Upper
106 100
91 213.4 171.4 257.2





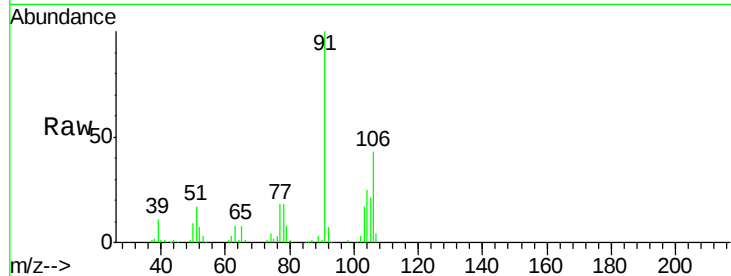
#69
o-Xylene
Concen: 19.487 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

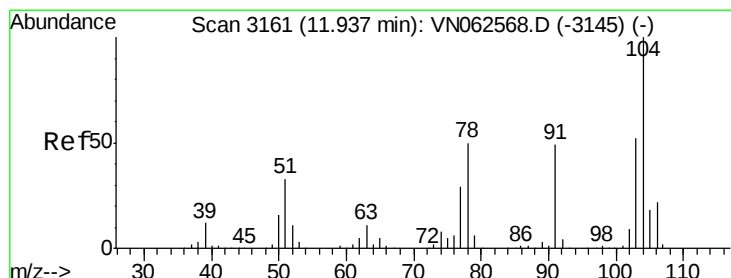
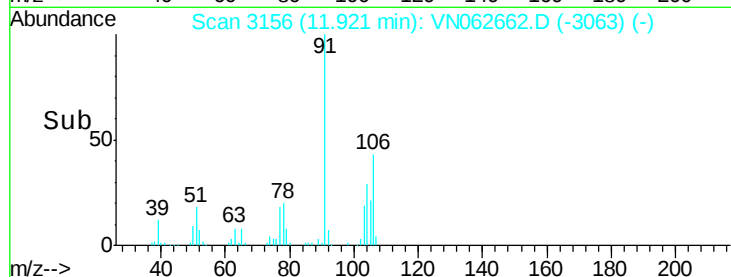
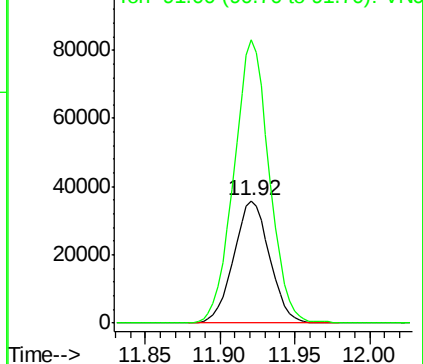
Tot Ion:106 Resp: 59810
Ion Ratio Lower Upper
106 100
91 227.8 113.8 341.2

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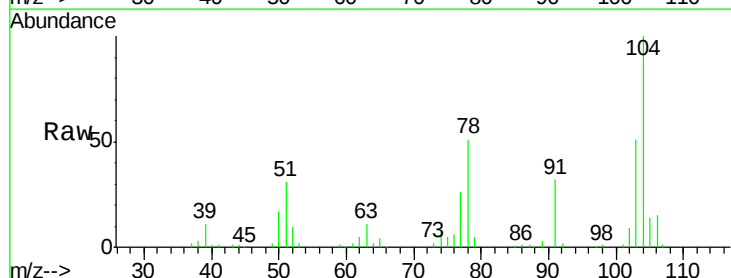


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

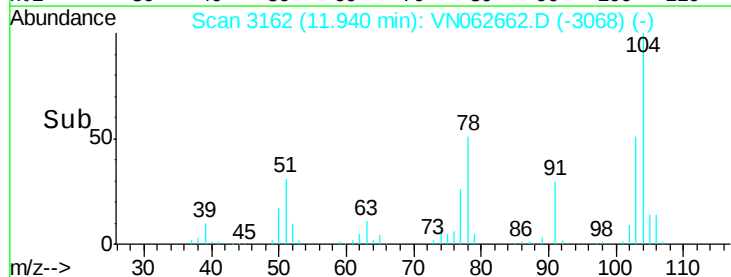
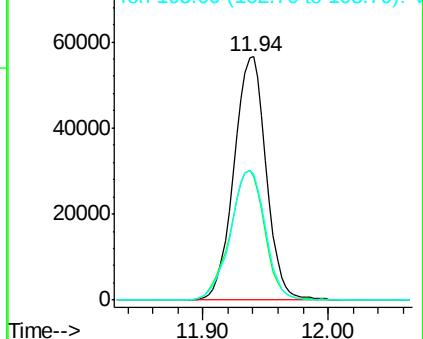


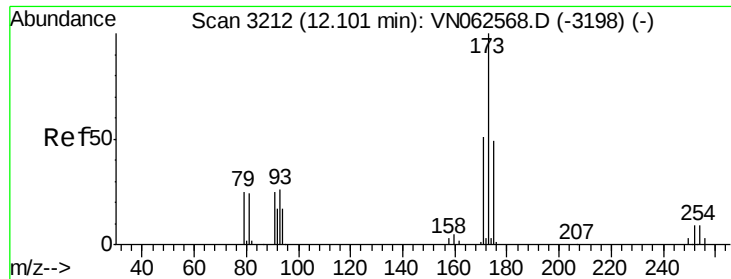
#70
Styrene
Concen: 19.502 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion:104 Resp: 101114
Ion Ratio Lower Upper
104 100
78 56.9 43.8 65.6
103 57.4 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.376 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion:173 Resp: 28228

Ion Ratio Lower Upper

173 100

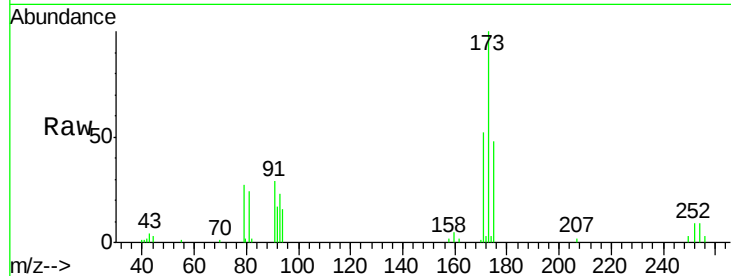
175 48.3 24.1 72.2

254 0.0 0.0 0.0

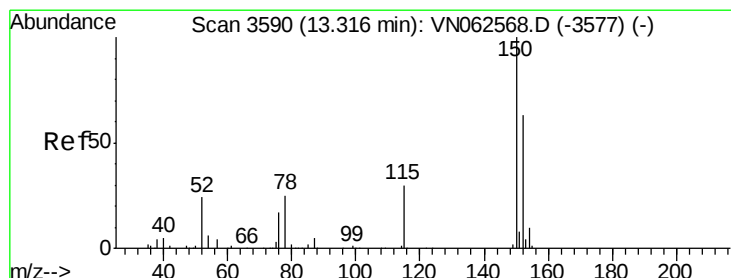
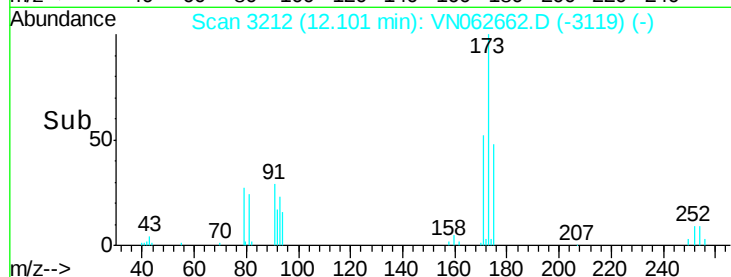
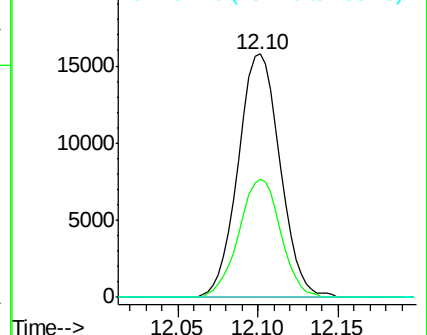
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

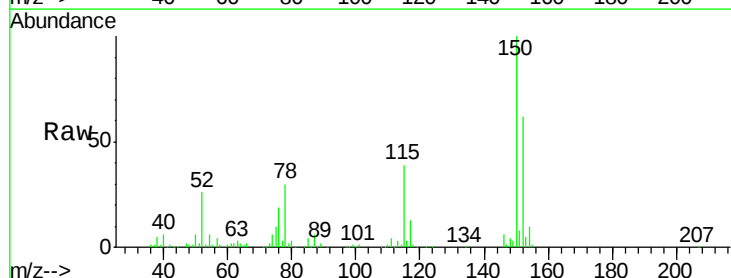
Tgt Ion:152 Resp: 110664

Ion Ratio Lower Upper

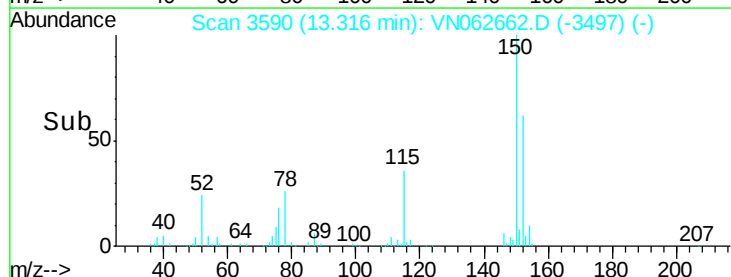
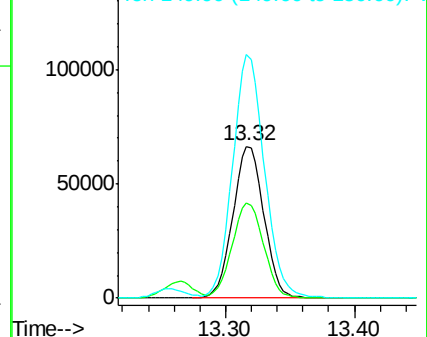
152 100

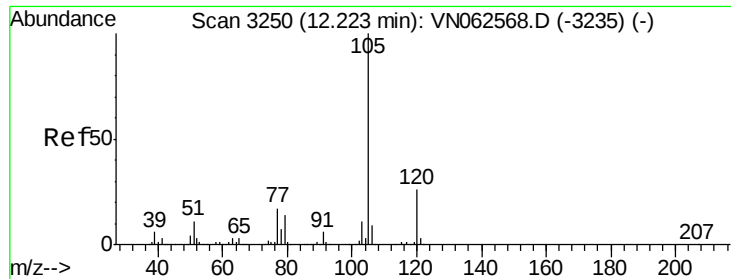
115 64.0 31.8 95.4

150 165.4 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: 18.549 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 105 Resp: 162309

Ion Ratio Lower Upper

105 100

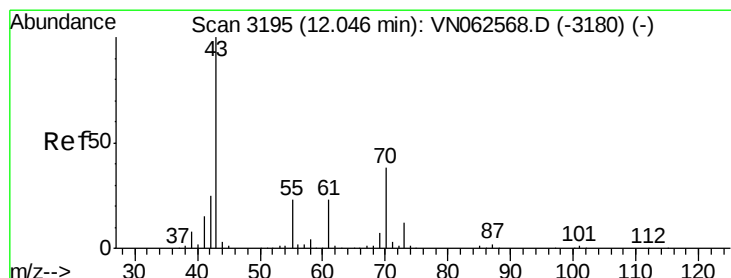
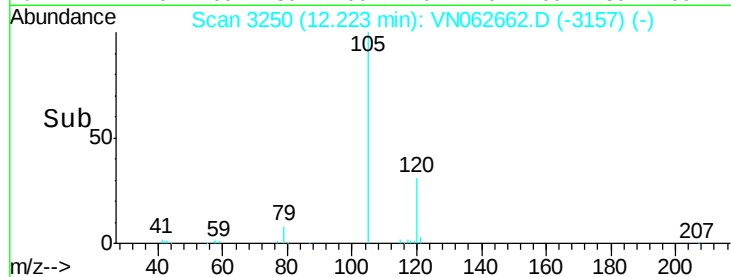
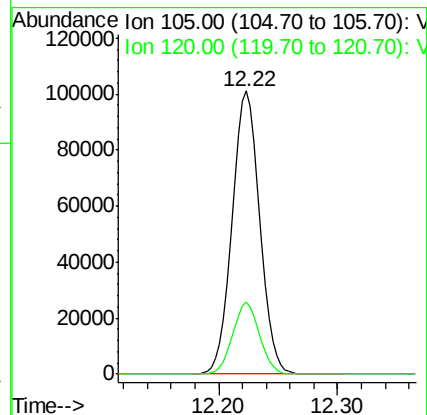
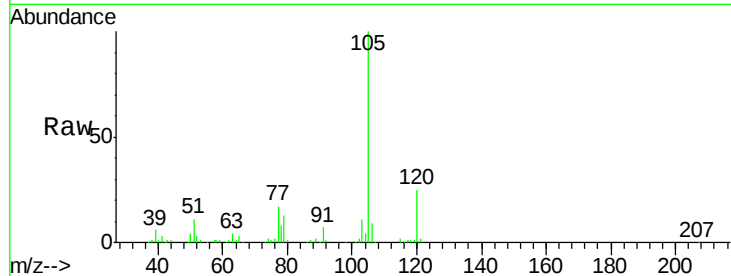
120 24.7 12.8 38.4

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#74

N-ethyl acetate

Concen: 17.974 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion: 43 Resp: 70238

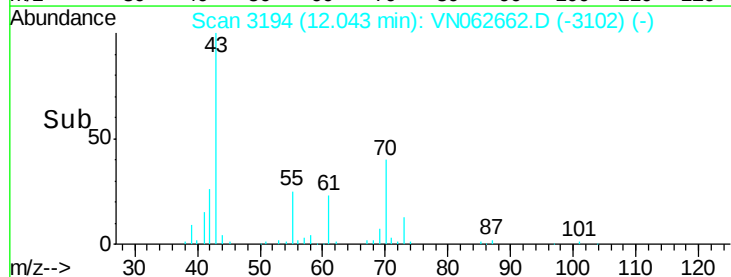
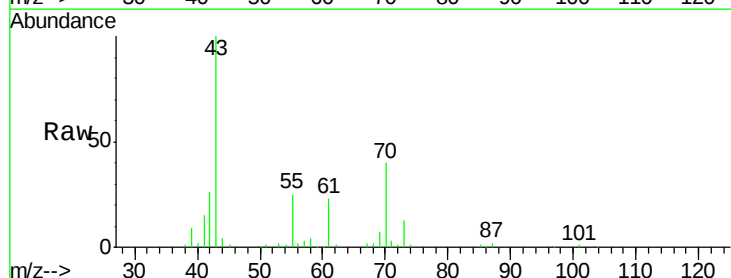
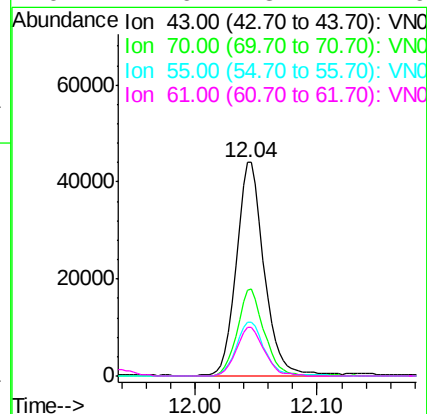
Ion Ratio Lower Upper

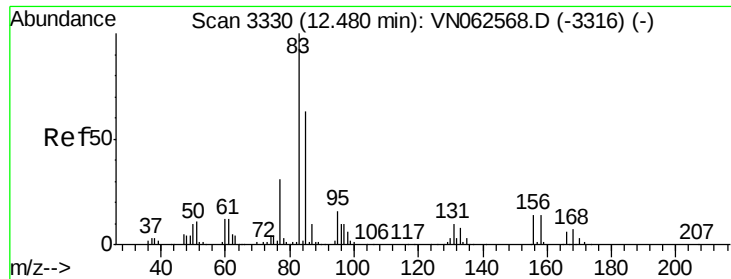
43 100

70 39.2 30.5 45.7

55 25.5 19.0 28.6

61 22.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.494 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

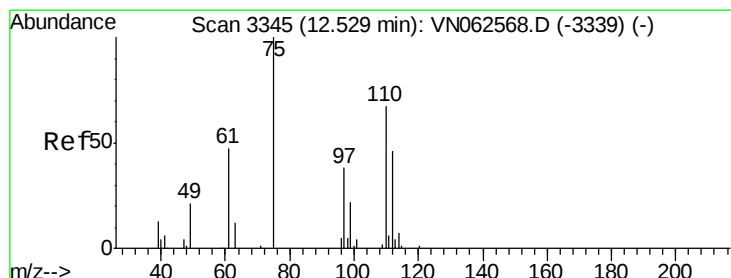
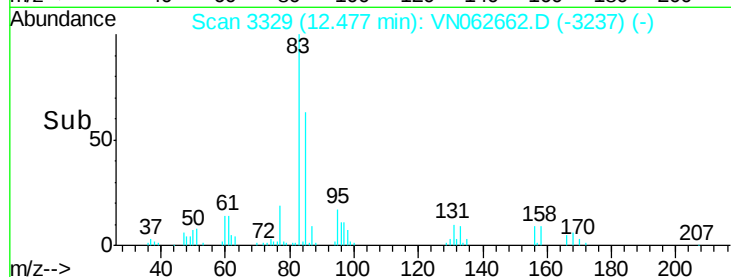
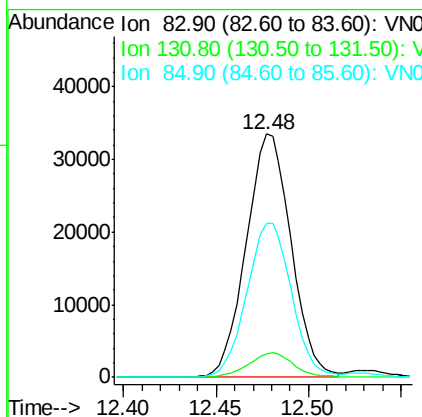
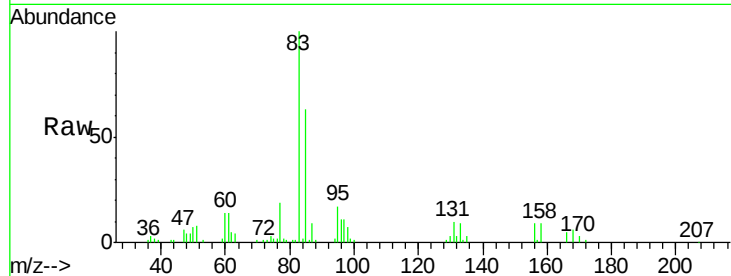
ClientSampleId :

VN0730WBSD01

Tot Ion:	83	Resp:	56236
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.8	14.3
85	63.0	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.441 ug/l m

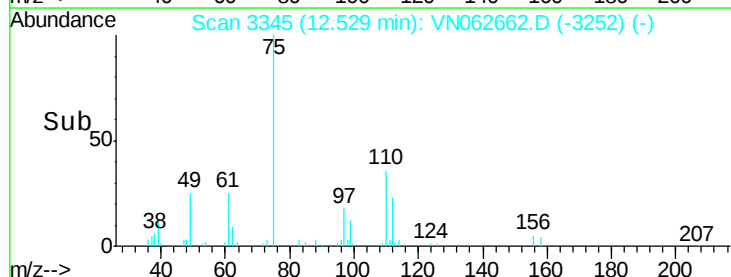
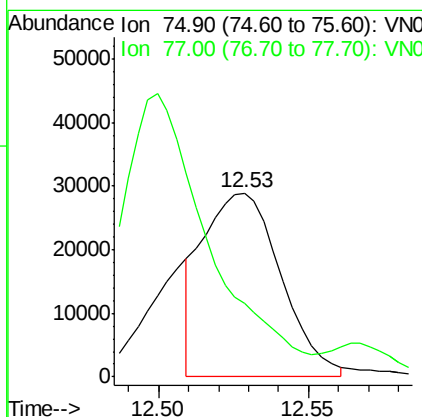
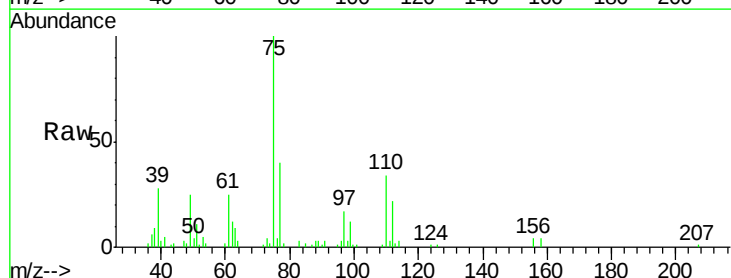
RT: 12.53 min Scan# 3345

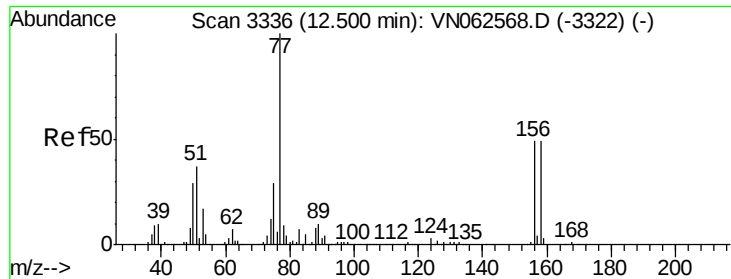
Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion:	75	Resp:	51945
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.749 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

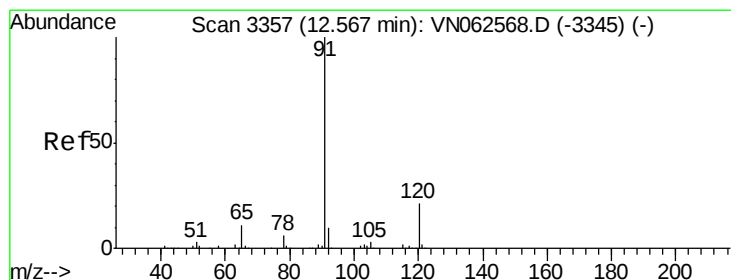
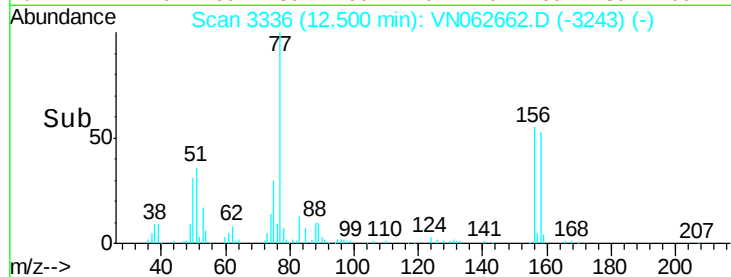
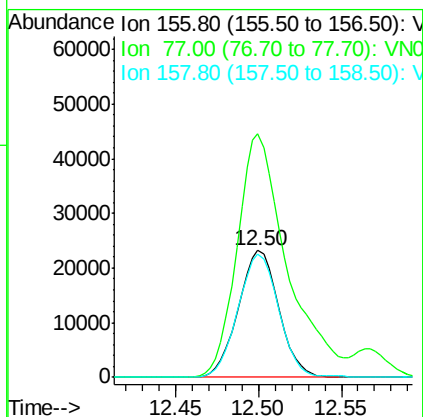
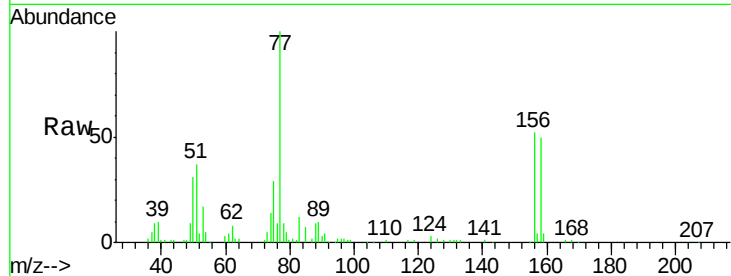
ClientSampleId :

VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	236.3	122.8	368.3
158	97.3	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 18.908 ug/l

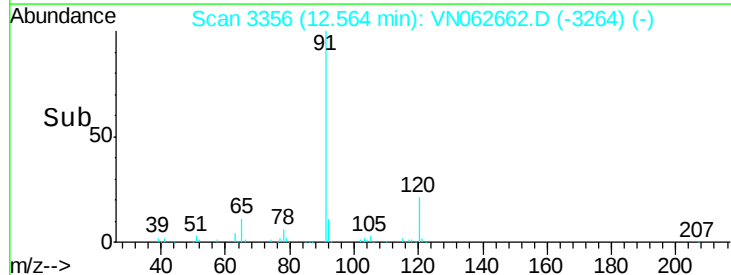
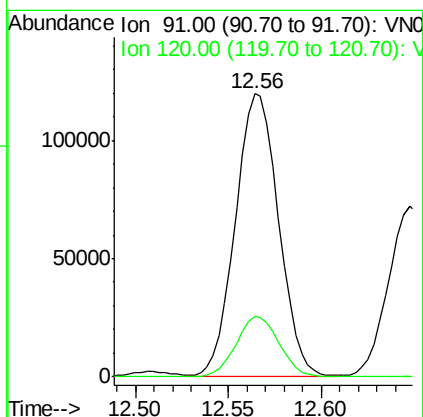
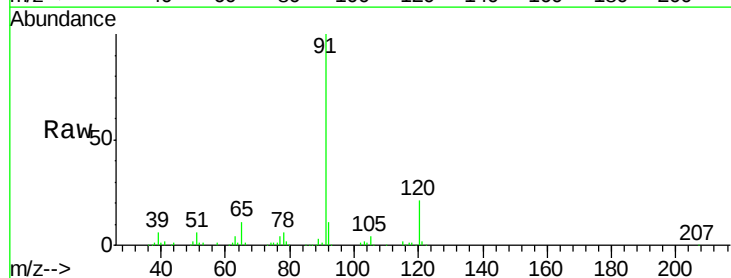
RT: 12.56 min Scan# 3356

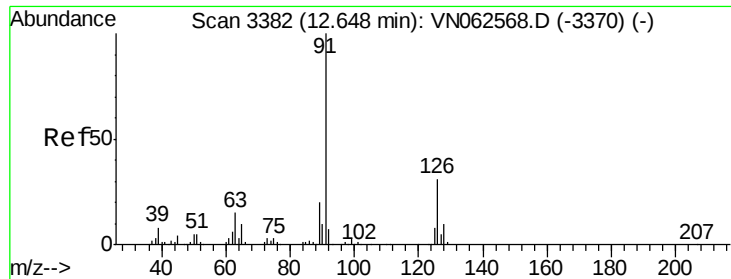
Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.9	32.6





#79

2-Chlorotoluene

Concen: 19.042 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion: 91 Resp: 120281

Ion Ratio Lower Upper

91 100

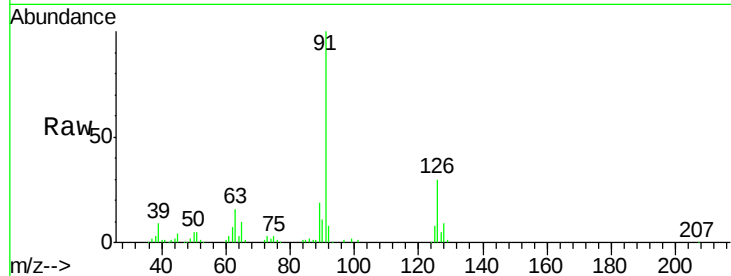
126 30.7 15.9 47.6

Manual Integrations

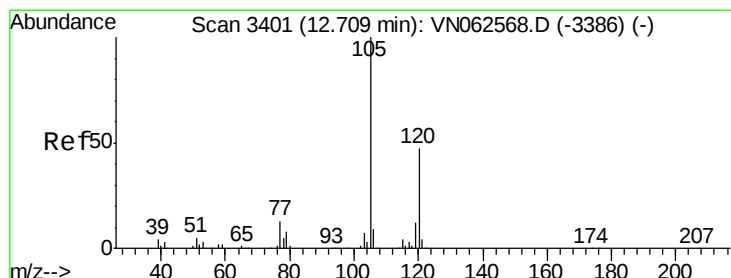
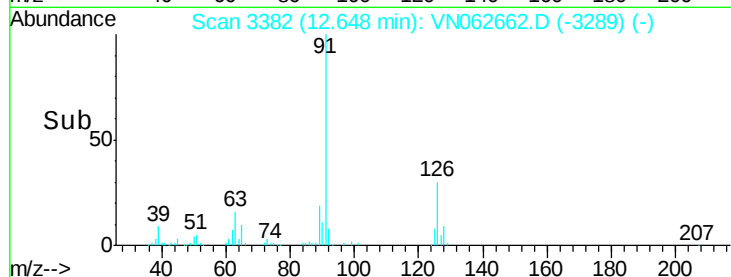
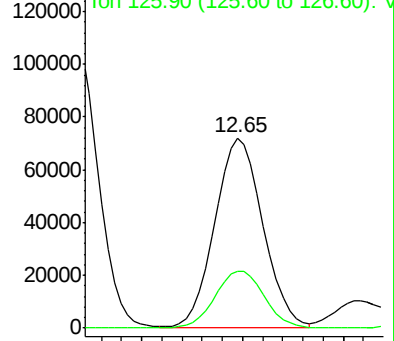
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Abundance Ion 91.00 (90.70 to 91.70): VN062662.D (-3389) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.803 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062662.D

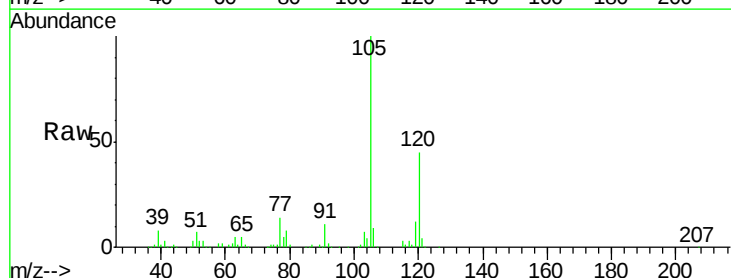
Acq: 30 Jul 2020 11:27

Tgt Ion: 105 Resp: 143739

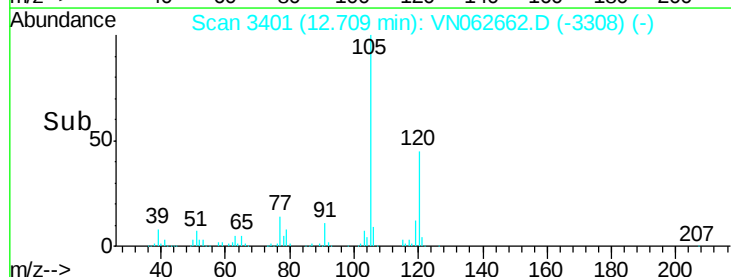
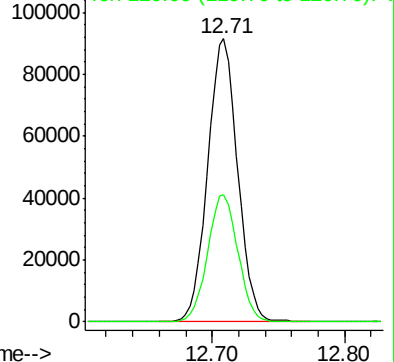
Ion Ratio Lower Upper

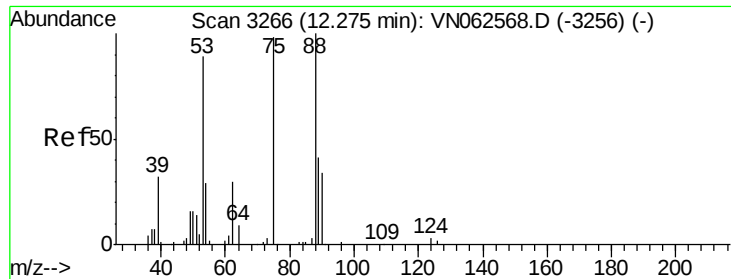
105 100

120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062662.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.596 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

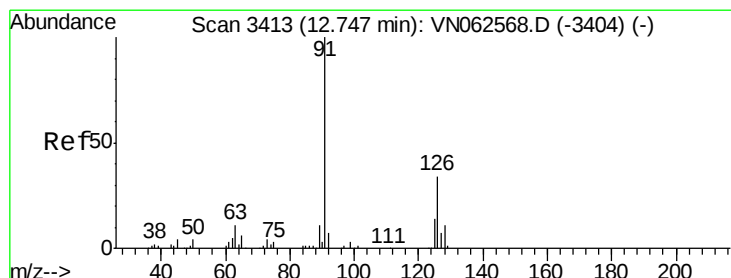
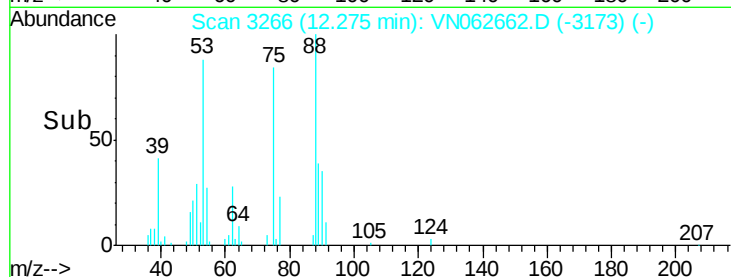
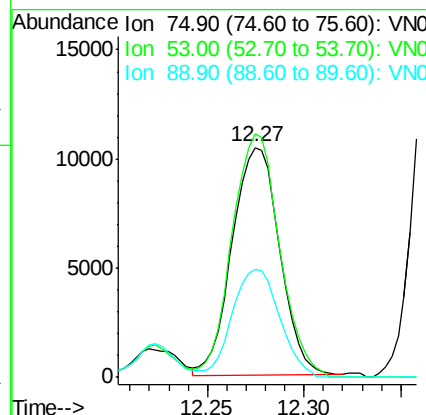
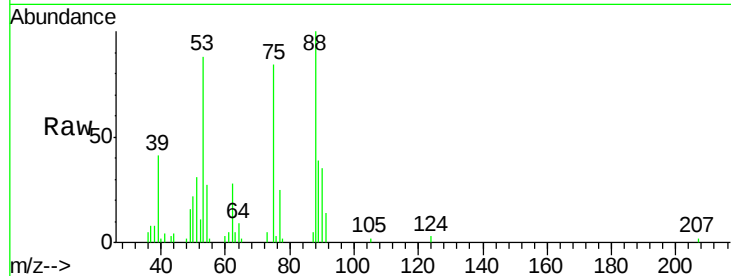
ClientSampleId :

VN0730WBSD01

Tot Ion:	75	Resp:	17805
Ion	Ratio	Lower	Upper
75	100		
53	107.3	75.4	113.0
89	47.4	34.5	51.7

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#82

4-Chlorotoluene

Concen: 18.966 ug/l

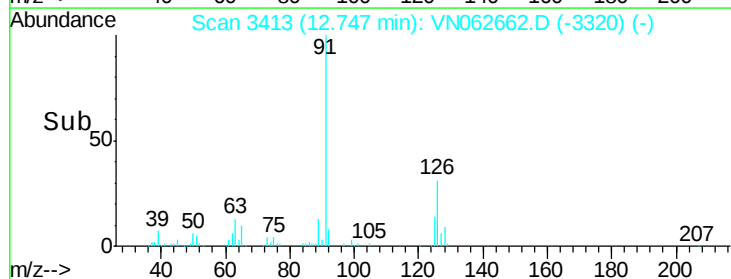
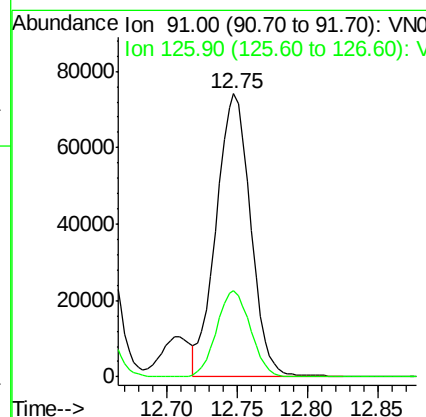
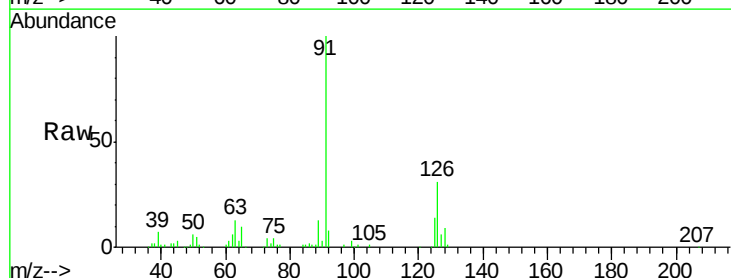
RT: 12.75 min Scan# 3413

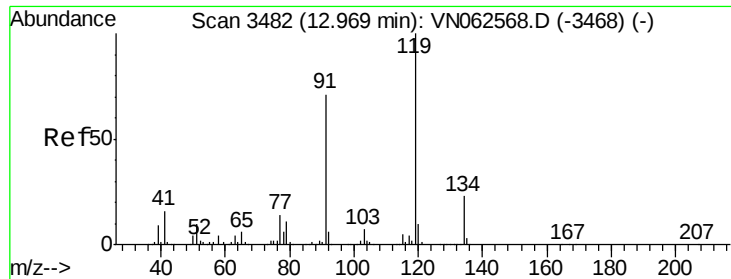
Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion:	91	Resp:	124701
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.4	46.4





#83

tert-Butylbenzene

Concen: 18.837 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

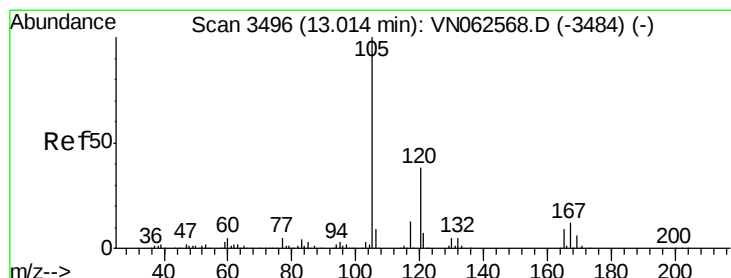
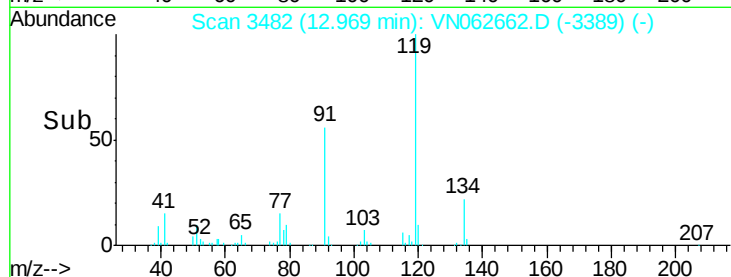
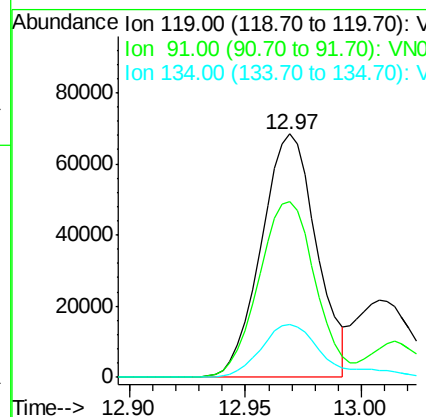
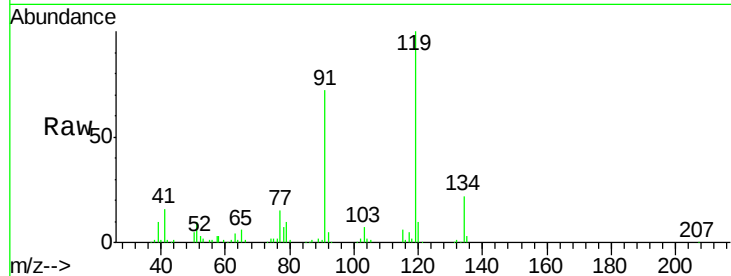
ClientSampleId :

VN0730WBSD01

Tot Ion:	119	Resp:	113532
Ion Ratio	Lower	Upper	
119	100		
91	74.8	34.6	103.8
134	25.0	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.445 ug/l

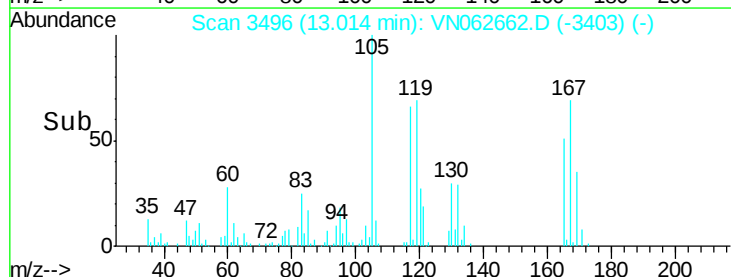
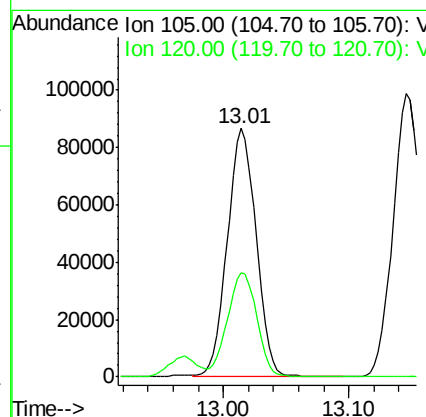
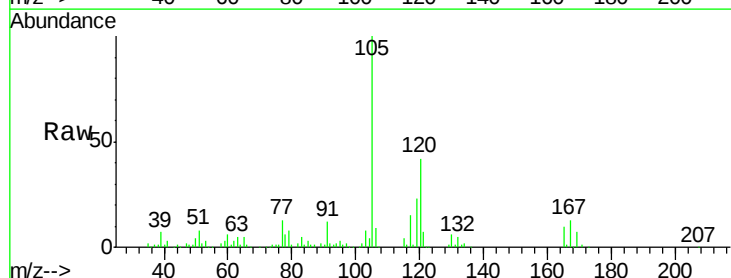
RT: 13.01 min Scan# 3496

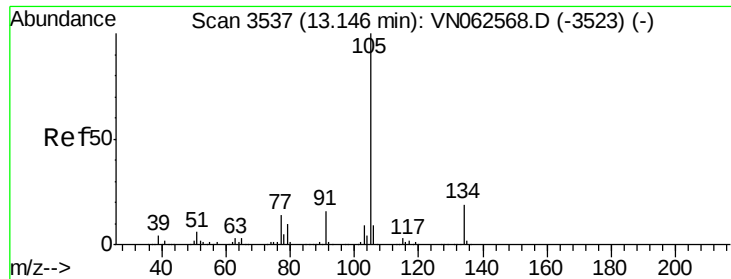
Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Tgt Ion:	105	Resp:	138457
Ion Ratio	Lower	Upper	
105	100		
120	42.9	22.1	66.3





#85

sec-Butylbenzene

Concen: 19.451 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBSD01

Tot Ion:105 Resp: 156948

Ion Ratio Lower Upper

105 100

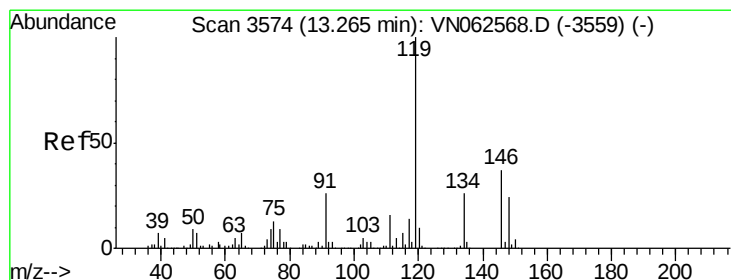
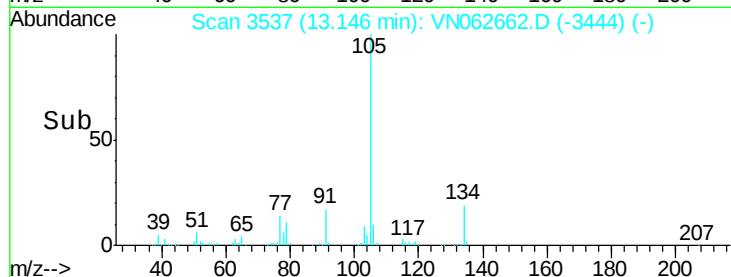
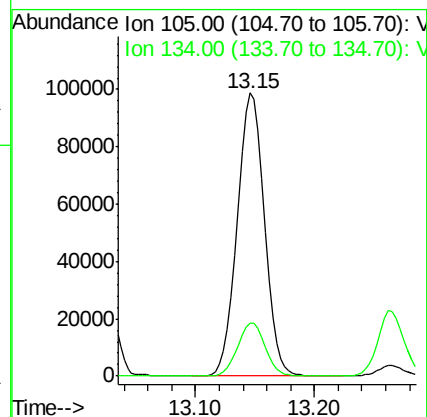
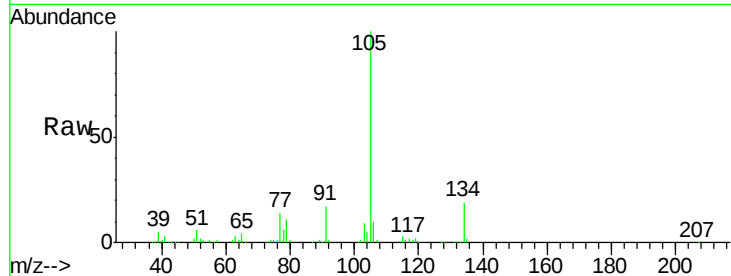
134 18.9 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.021 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062662.D

Acq: 30 Jul 2020 11:27

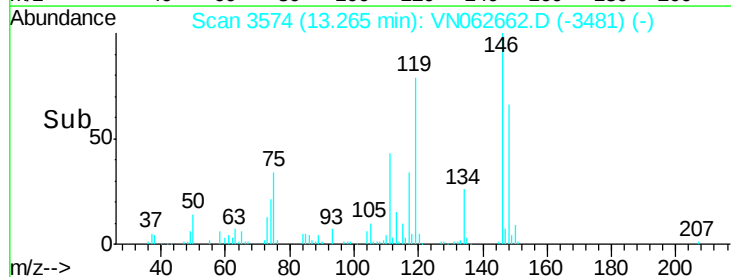
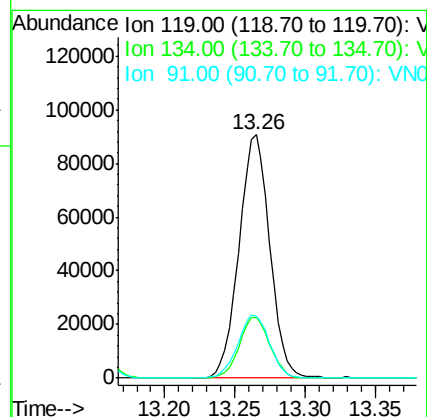
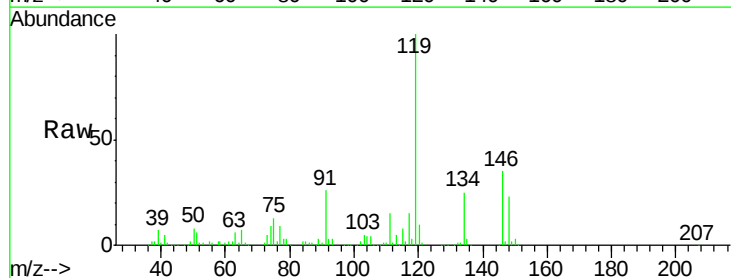
Tgt Ion:119 Resp: 138943

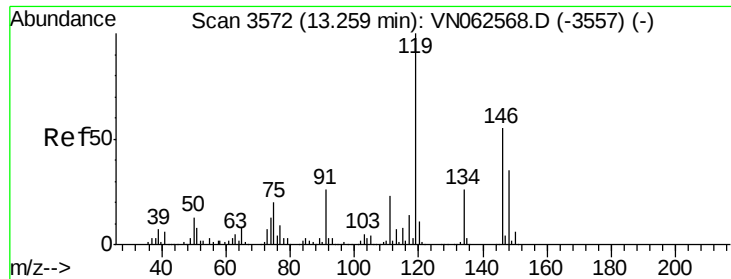
Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.4

91 26.8 12.7 38.1





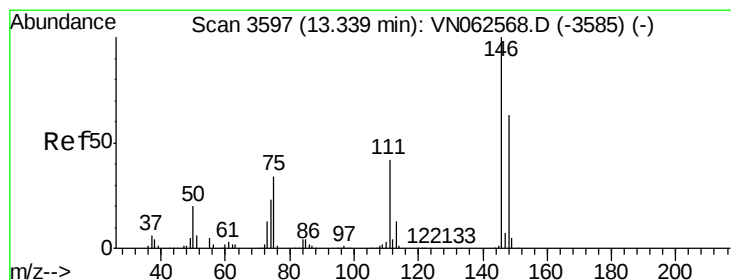
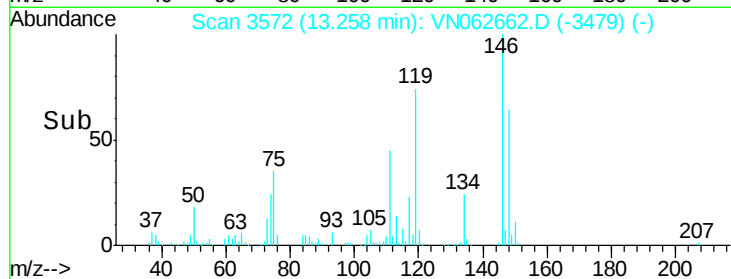
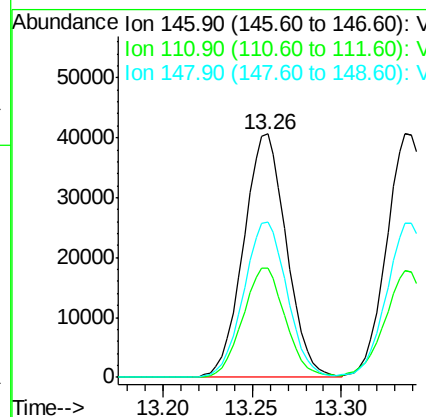
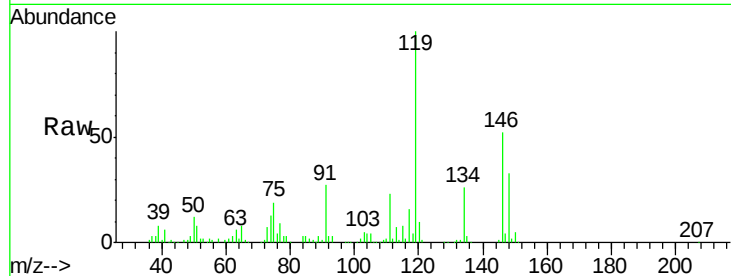
#87
 1,3-Dichlorobenzene
 Concen: 18.525 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.6	64.6
148	64.4	31.8	95.4

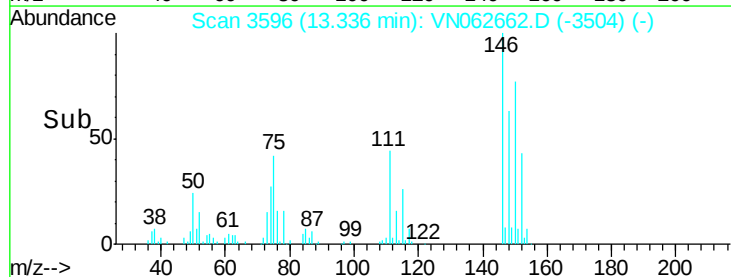
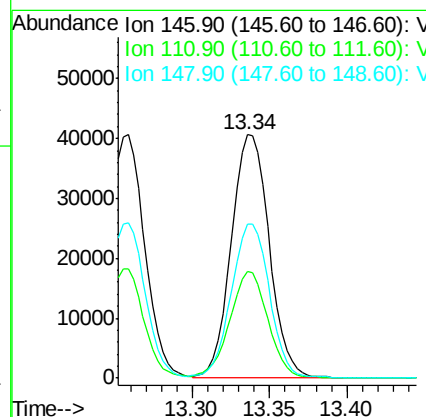
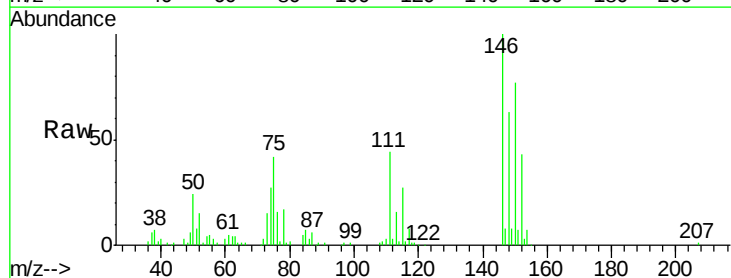
Manual Integrations
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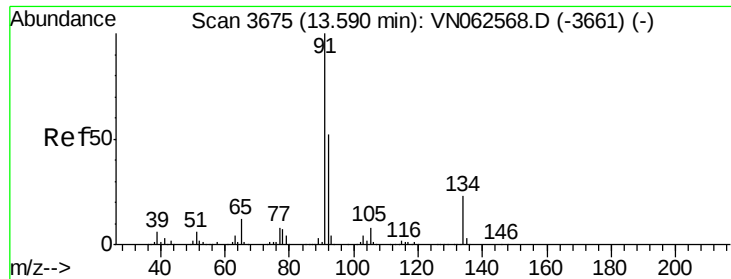
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#88
 1,4-Dichlorobenzene
 Concen: 19.068 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.1	63.1
148	63.8	31.6	94.8





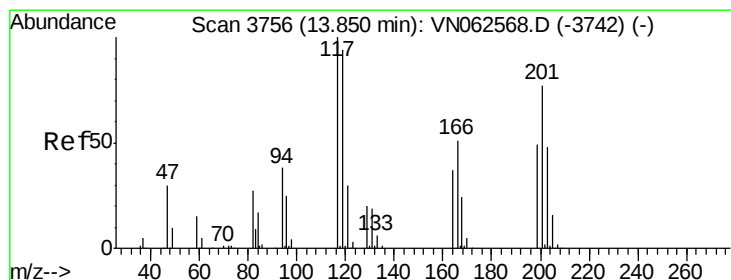
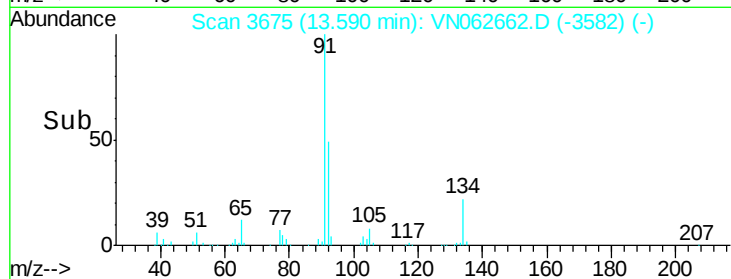
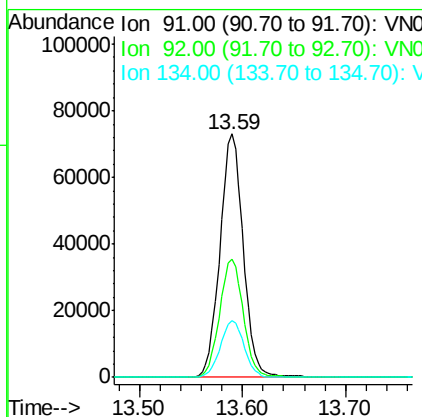
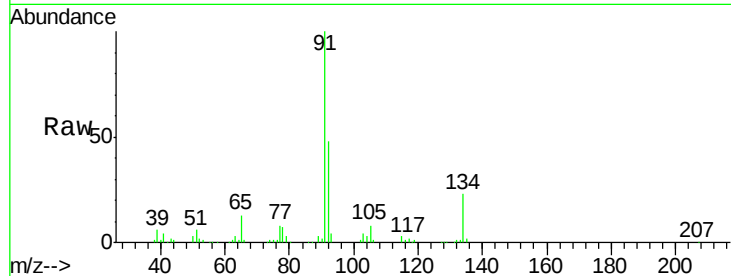
#89
n-Butylbenzene
Concen: 19.257 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.2	25.8	77.3
134	23.7	11.8	35.3

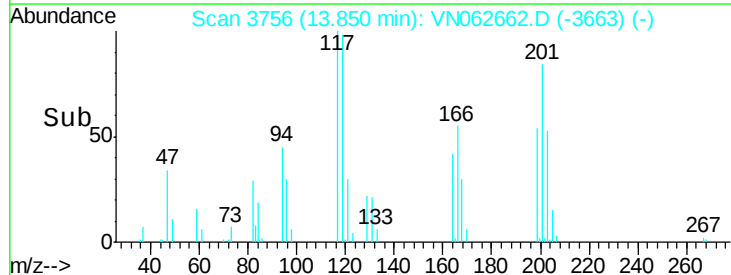
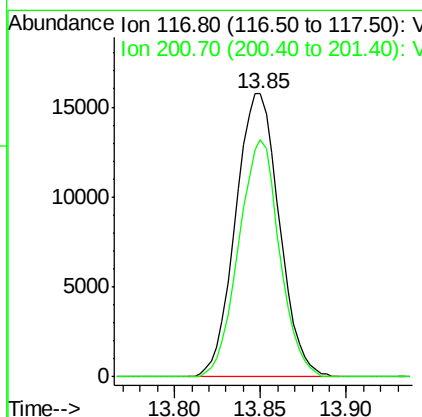
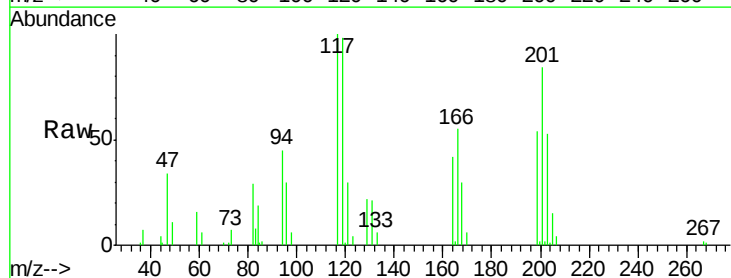
Manual Integrations
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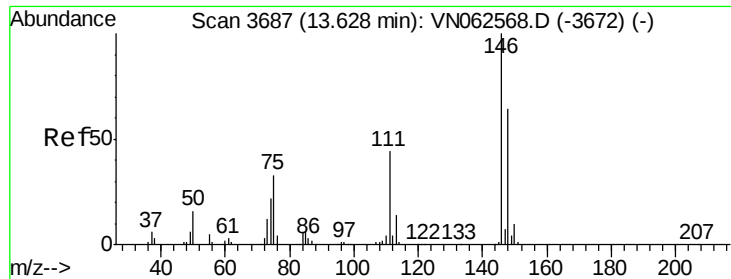
MMDadoda
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#90
Hexachloroethane
Concen: 18.894 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	39.2	117.6





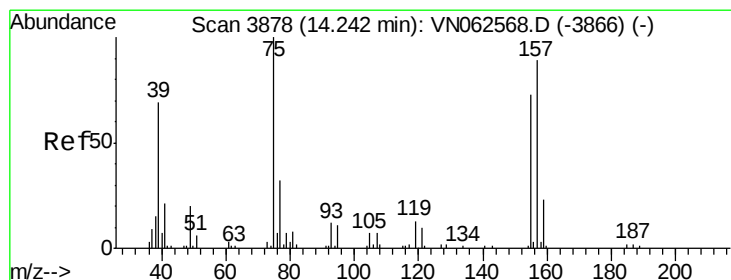
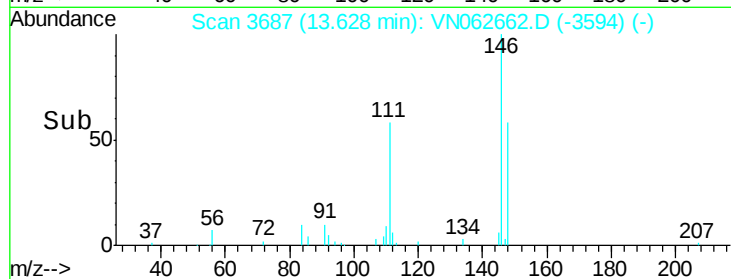
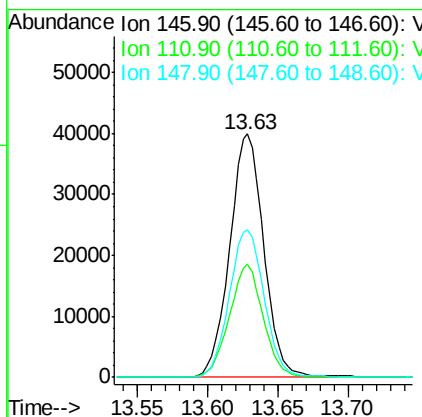
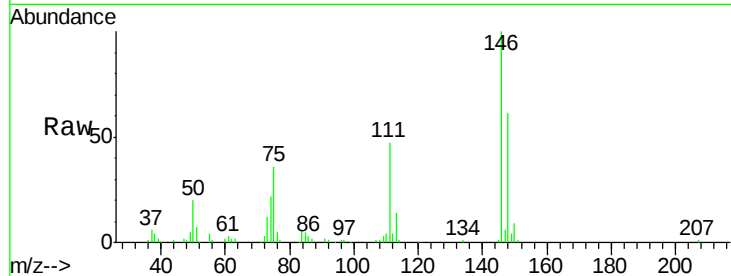
#91
 1,2-Dichlorobenzene
 Concen: 19.131 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.9	65.8
148	62.1	31.6	94.7

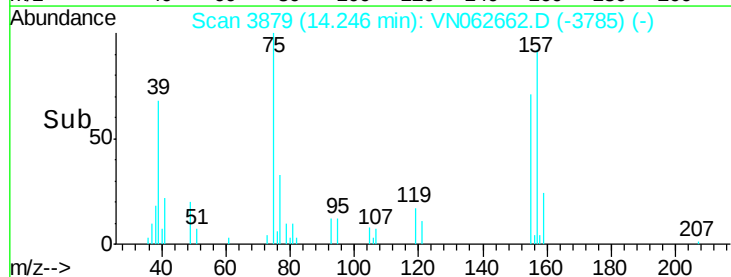
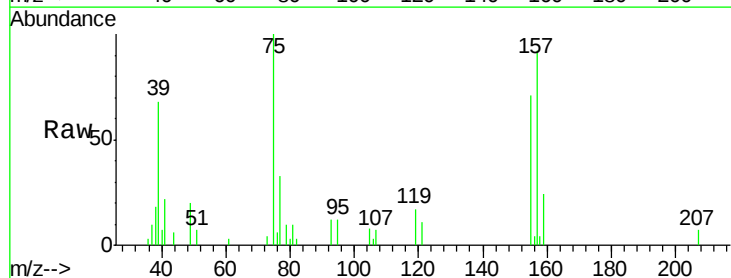
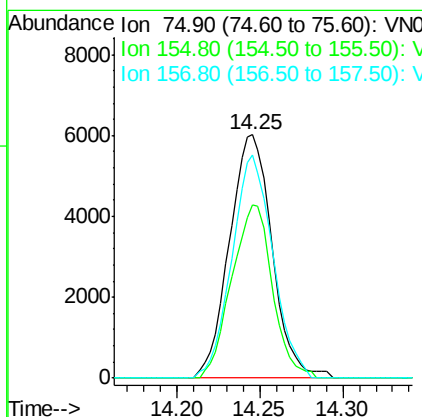
Manual Integrations
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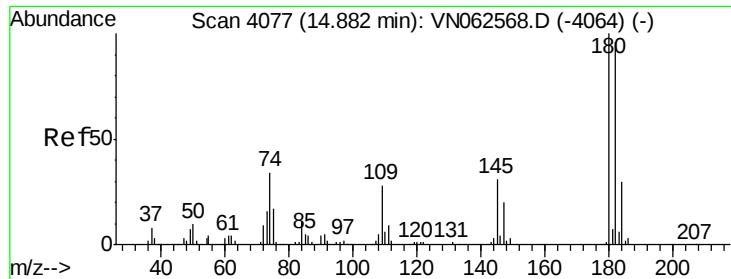
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.479 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.5	35.9	107.5
157	88.0	45.0	135.0





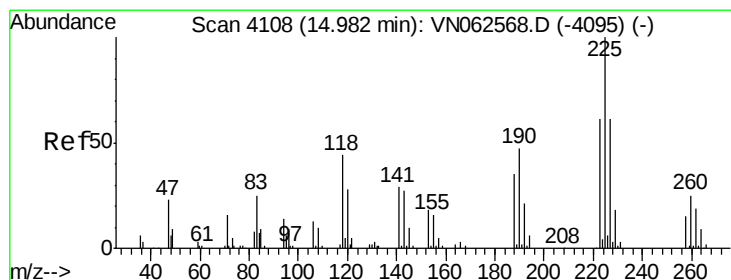
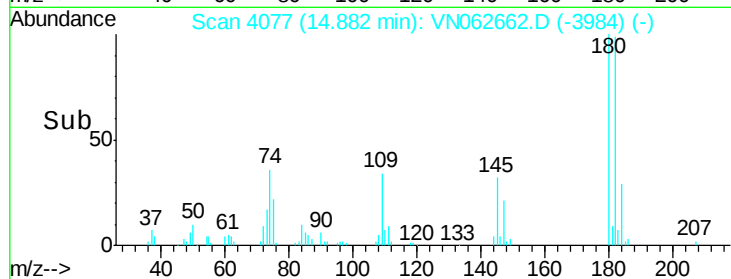
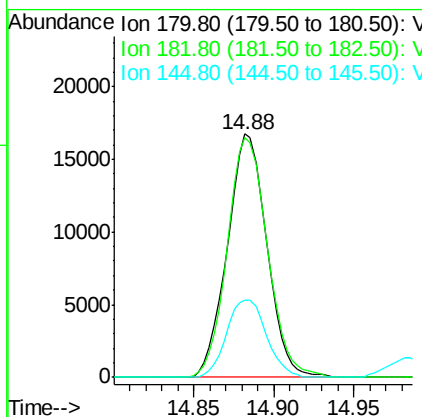
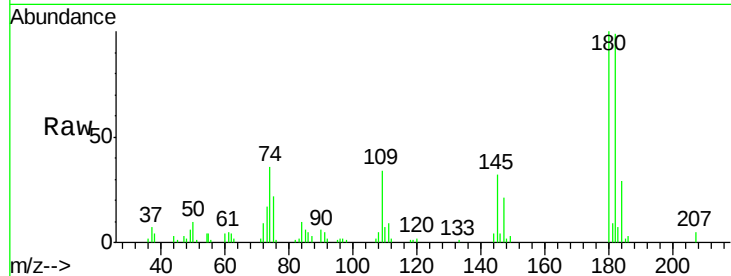
#93
 1,2,4-Trichlorobenzene
 Concen: 17.298 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.4	47.8	143.3
145	32.1	15.3	45.9

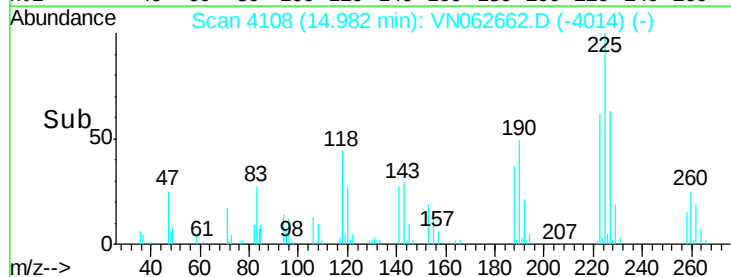
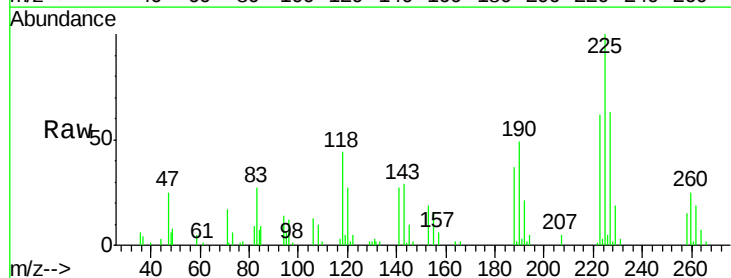
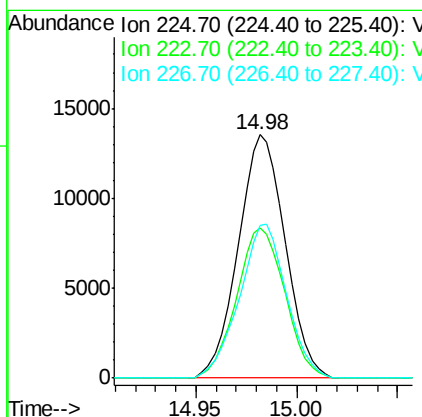
Manual Integrations
 APPROVED

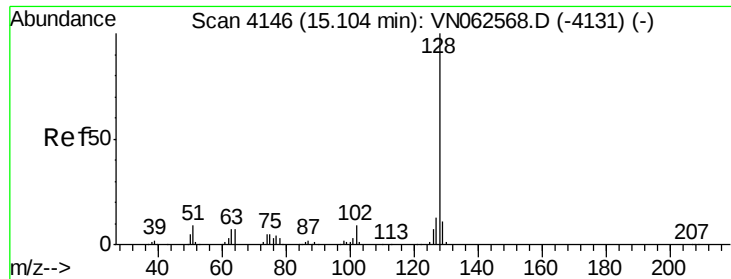
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 7/31/2020 11:56:49 AM



#94
 Hexachlorobutadiene
 Concen: 22.828 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062662.D
 Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.0	96.0
227	63.4	31.1	93.2





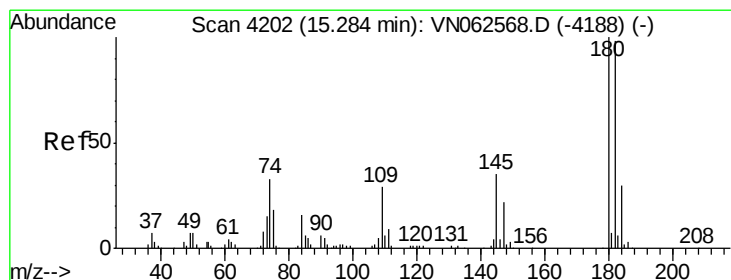
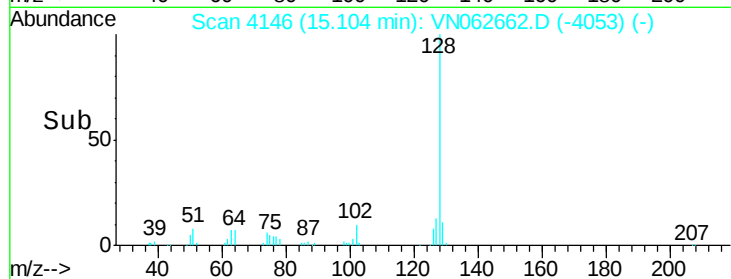
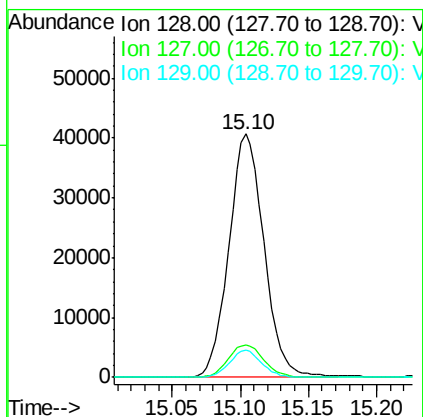
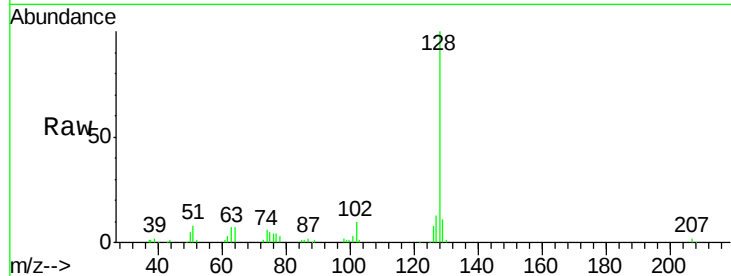
#95
Naphthalene
Concen: 17.441 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.2	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.892 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062662.D
Acq: 30 Jul 2020 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	48.1	144.3
145	33.9	16.7	50.1

