

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062460.D
 Acq On : 9 Jul 2020 17:24
 Operator : JC/MD
 Sample : VN0709WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:18 AM

Quant Time: Jul 10 01:33:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	219309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	171388	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.55	113	120623	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.06	98	464828	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.38	95	169095	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38813	17.375	ug/l	97
3) Chloromethane	2.03	50	61550	17.172	ug/l	97
4) Vinyl Chloride	2.16	62	55265	18.819	ug/l	99
5) Bromomethane	2.53	94	26955	17.091	ug/l	100
6) Chloroethane	2.67	64	33485	19.578	ug/l	96
7) Trichlorofluoromethane	2.98	101	71635	19.207	ug/l	100
8) Diethyl Ether	3.37	74	32760	19.643	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42637	19.285	ug/l	100
10) Methyl Iodide	3.91	142	38334	13.131	ug/l	100
11) Tert butyl alcohol	4.73	59	57873	103.425	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	42248	18.769	ug/l	100
13) Acrolein	3.57	56	31294	77.526	ug/l	100
14) Allyl chloride	4.27	41	95569	18.052	ug/l	98
15) Acrylonitrile	4.93	53	145040	98.832	ug/l	99
16) Acetone	3.78	43	127060	88.721	ug/l	99
17) Carbon Disulfide	4.01	76	122450	17.360	ug/l	99
18) Methyl Acetate	4.28	43	68039	19.037	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	170062	19.927	ug/l	98
20) Methylene Chloride	4.50	84	55392	18.090	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	45695	18.738	ug/l	94
22) Diisopropyl ether	5.90	45	200486	19.168	ug/l	99
23) Vinyl Acetate	5.84	43	835798	96.464	ug/l	100
24) 1,1-Dichloroethane	5.80	63	103014	19.060	ug/l	99
25) 2-Butanone	6.78	43	198759	95.030	ug/l	98
26) 2,2-Dichloropropane	6.78	77	79034	19.072	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	55835	19.767	ug/l	97
28) Bromochloromethane	7.15	49	56750	19.327	ug/l	96
29) Tetrahydrofuran	7.17	42	137342	97.534	ug/l	98
30) Chloroform	7.33	83	95432	19.556	ug/l	98
31) Cyclohexane	7.61	56	88091	17.193	ug/l	90
32) 1,1,1-Trichloroethane	7.53	97	77647	19.129	ug/l	98
36) 1,1-Dichloropropene	7.75	75	69767	18.336	ug/l	98
37) Ethyl Acetate	6.88	43	84910	19.084	ug/l	100
38) Carbon Tetrachloride	7.73	117	66411	19.414	ug/l	98

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 Sample : VN0709WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:18 AM

Quant Time: Jul 10 01:33:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75875	18.678	ug/l	98
40) Benzene	8.00	78	213990	19.082	ug/l	99
41) Methacrylonitrile	7.13	41	37020	19.915	ug/l	94
42) 1,2-Dichloroethane	8.08	62	83858	20.422	ug/l	100
43) Isopropyl Acetate	8.13	43	137442	19.555	ug/l	94
44) Trichloroethene	8.80	130	47923	19.261	ug/l	97
45) 1,2-Dichloropropane	9.08	63	61823	18.991	ug/l	99
46) Dibromomethane	9.17	93	36540	19.890	ug/l	99
47) Bromodichloromethane	9.37	83	75227	19.153	ug/l	98
48) Methyl methacrylate	9.17	41	65474	18.991	ug/l	97
49) 1,4-Dioxane	9.17	88	20122	400.979	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	415401	98.952	ug/l	98
52) Toluene	10.12	92	126391	19.512	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	85892	19.519	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	94076	19.377	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	51921	20.380	ug/l	98
56) Ethyl methacrylate	10.40	69	84507	19.119	ug/l	99
57) 1,3-Dichloropropane	10.68	76	95250	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	144073	95.324	ug/l	98
59) 2-Hexanone	10.72	43	298466	97.933	ug/l	98
60) Dibromochloromethane	10.87	129	55461	20.078	ug/l	98
61) 1,2-Dibromoethane	10.98	107	52253	20.318	ug/l	99
64) Tetrachloroethene	10.60	164	38945	19.115	ug/l	99
65) Chlorobenzene	11.41	112	133024	19.935	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	48920	19.880	ug/l	98
67) Ethyl Benzene	11.48	91	241643	19.292	ug/l	99
68) m/p-Xylenes	11.60	106	173732	39.180	ug/l	99
69) o-Xylene	11.92	106	85967	19.912	ug/l	96
70) Styrene	11.94	104	141673	19.855	ug/l	100
71) Bromoform	12.10	173	36490	20.228	ug/l #	100
73) Isopropylbenzene	12.22	105	226627	19.494	ug/l	99
74) N-amyl acetate	12.05	43	113806	20.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79202	20.262	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75031m	20.355	ug/l	
77) Bromobenzene	12.50	156	51746	19.579	ug/l	98
78) n-propylbenzene	12.57	91	263685	19.418	ug/l	99
79) 2-Chlorotoluene	12.65	91	161452	19.590	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	191495	20.094	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	24612	17.871	ug/l	99
82) 4-Chlorotoluene	12.75	91	164792	19.695	ug/l	99
83) tert-Butylbenzene	12.97	119	159555	19.729	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	187925	19.839	ug/l	99
85) sec-Butylbenzene	13.15	105	211037	19.692	ug/l	100
86) p-Isopropyltoluene	13.26	119	183392	19.827	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	89661	19.665	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	90299	19.248	ug/l	99
89) n-Butylbenzene	13.59	91	155304	19.016	ug/l	99
90) Hexachloroethane	13.85	117	33873	18.617	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	88393	20.052	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14655	20.545	ug/l	99

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

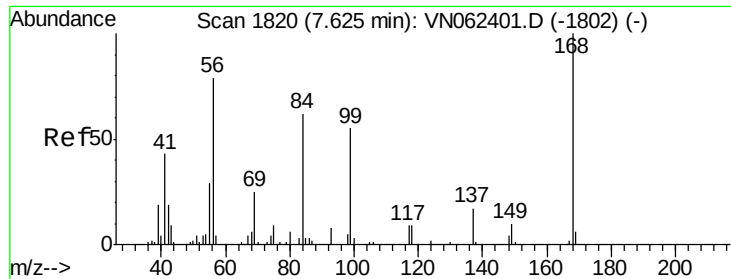
Manual Integrations
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MMDadoda
7/10/2020 9:23:18 AM

Quant Time: Jul 10 01:33:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40516	19.308	ug/l	99
94) Hexachlorobutadiene	14.98	225	23641	20.198	ug/l	97
95) Naphthalene	15.10	128	116315	21.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	42211	19.858	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: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion:168 Resp: 219309

Ion Ratio Lower Upper

168 100

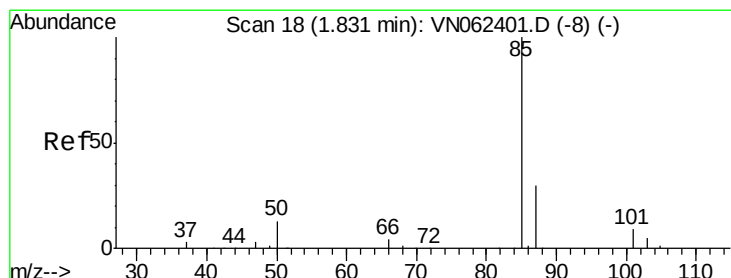
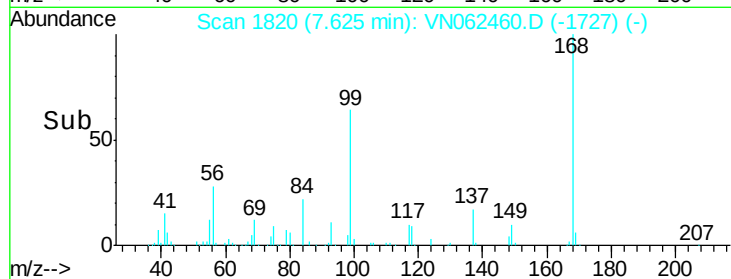
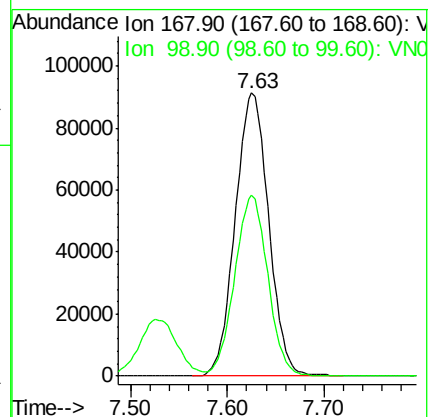
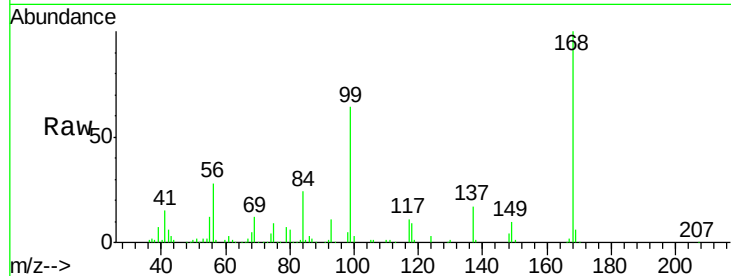
99 63.9 48.8 73.2

Manual Integrations

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7/10/2020 9:23:18 AM



#2

Dichlorodifluoromethane

Concen: 17.375 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062460.D

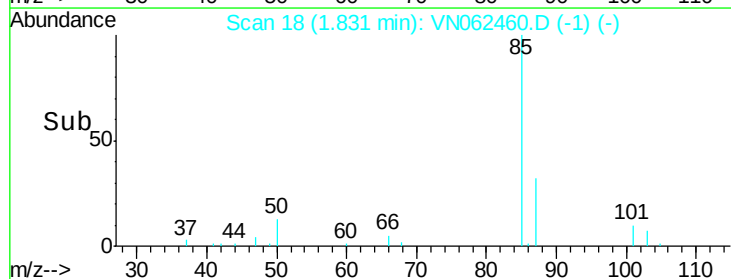
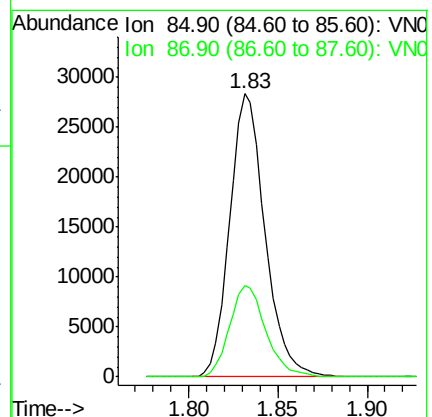
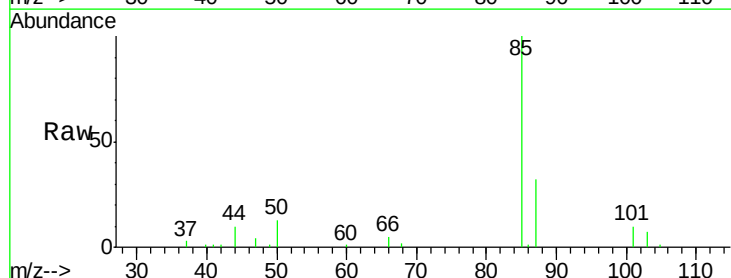
Acq: 9 Jul 2020 17:24

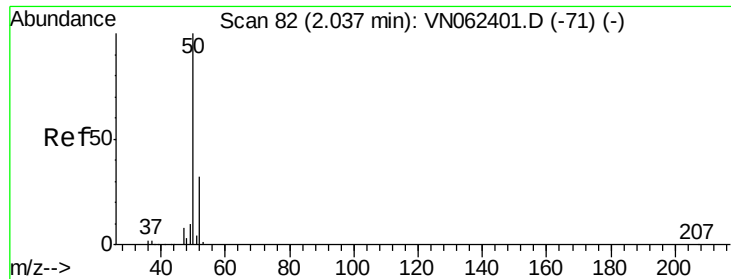
Tgt Ion: 85 Resp: 38813

Ion Ratio Lower Upper

85 100

87 32.1 15.2 45.5





#3

Chloromethane

Concen: 17.172 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 50 Resp: 61550

Ion Ratio Lower Upper

50 100

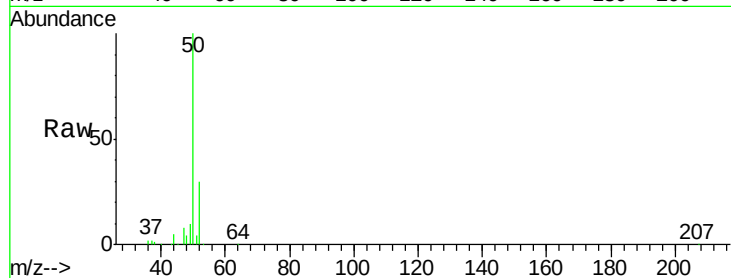
52 30.0 25.5 38.3

Manual Integrations

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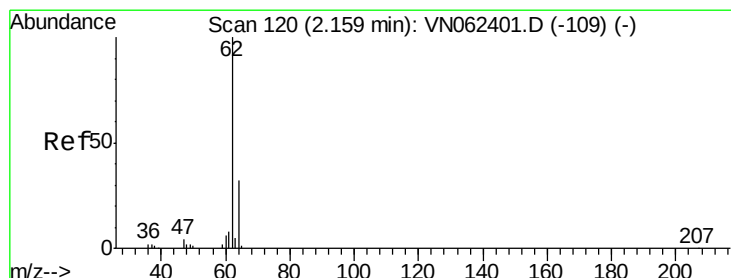
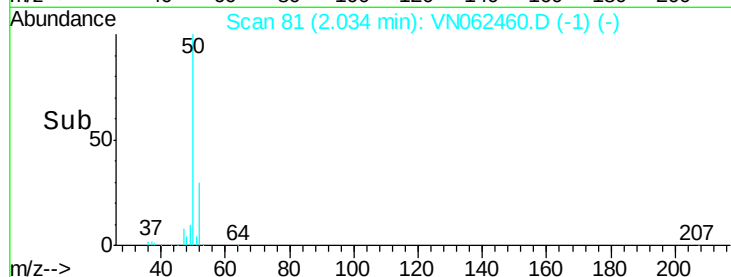


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

Time-->



#4

Vinyl Chloride

Concen: 18.819 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062460.D

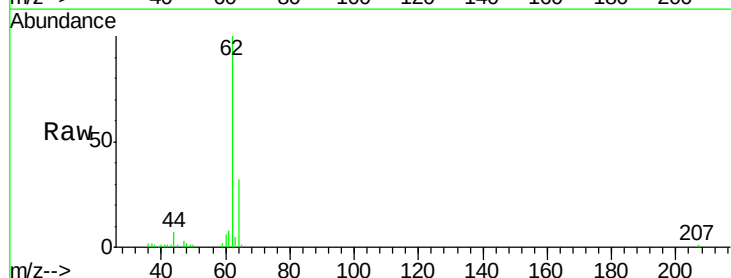
Acq: 9 Jul 2020 17:24

Tgt Ion: 62 Resp: 55265

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5

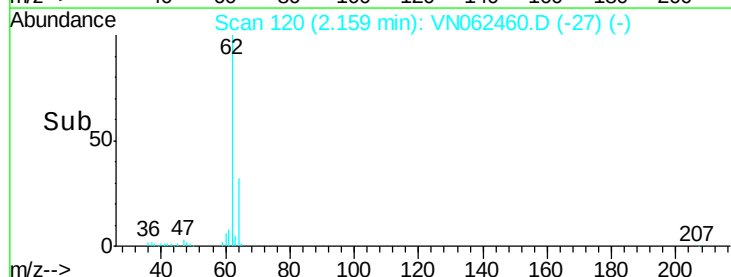


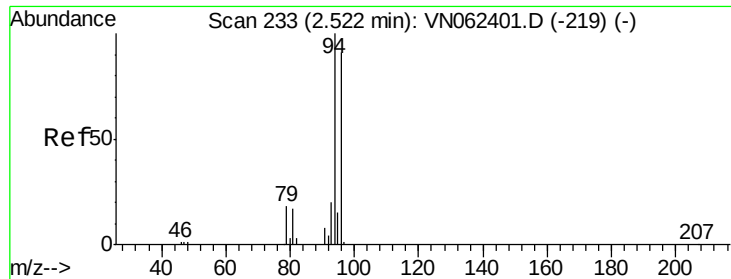
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

Time-->





#5

Bromomethane

Concen: 17.091 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 94 Resp: 26955

Ion Ratio Lower Upper

94 100

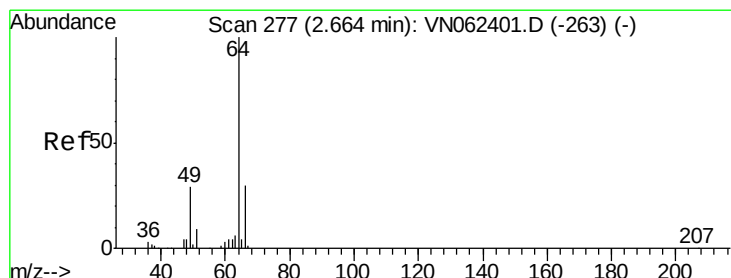
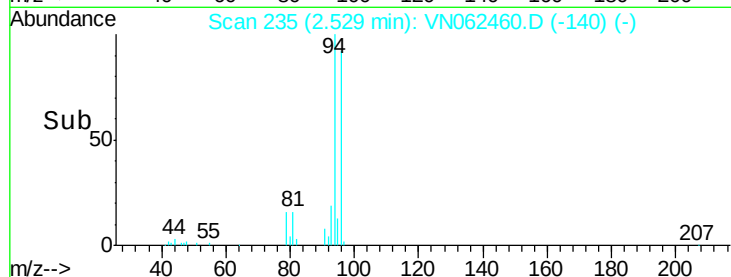
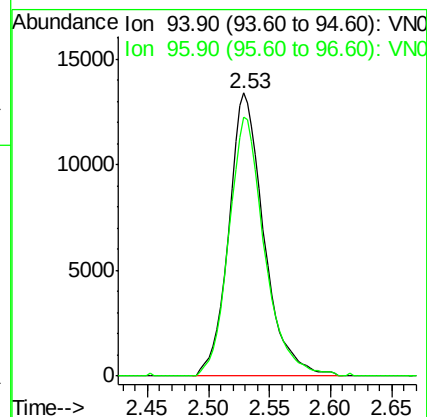
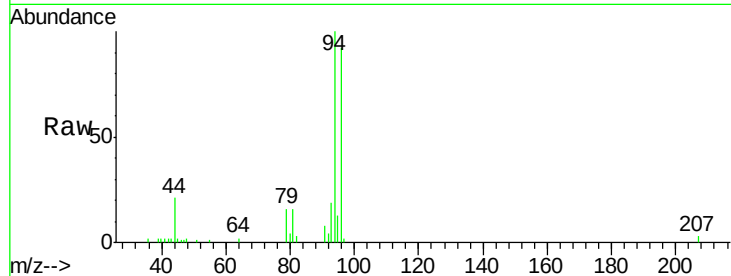
96 91.7 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 19.578 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062460.D

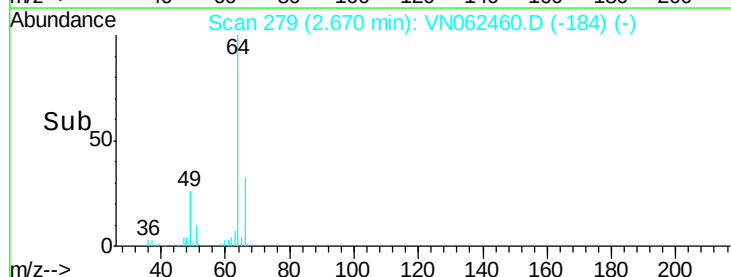
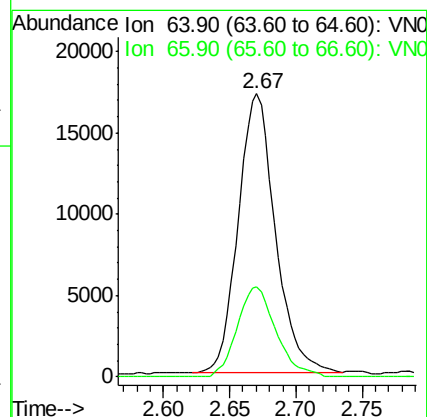
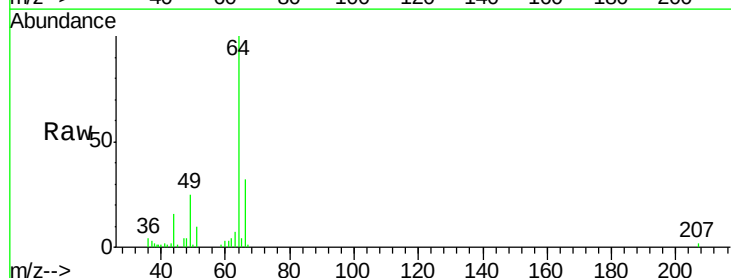
Acq: 9 Jul 2020 17:24

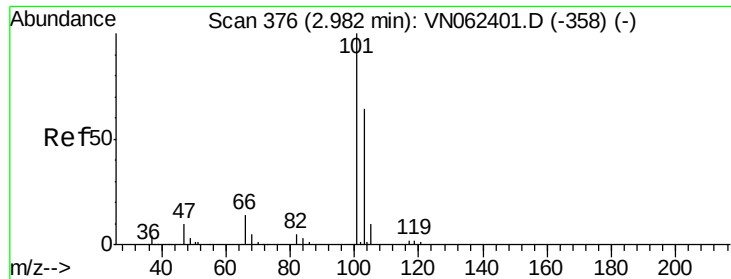
Tgt Ion: 64 Resp: 33485

Ion Ratio Lower Upper

64 100

66 32.3 24.2 36.2





#7

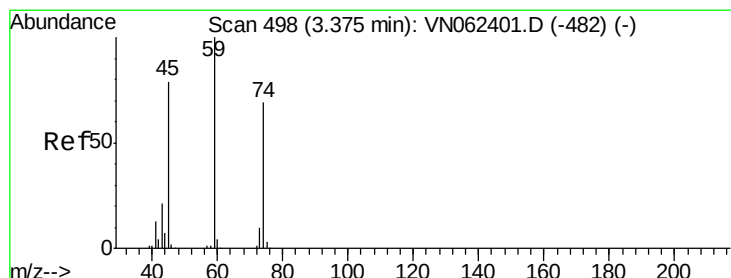
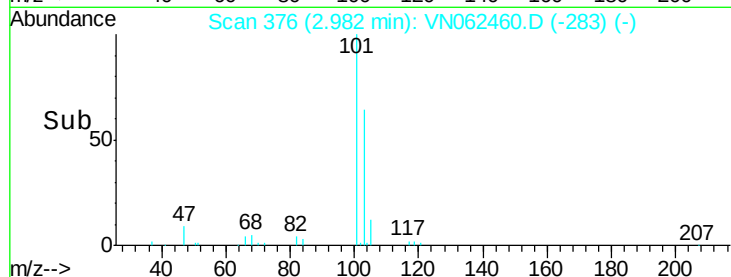
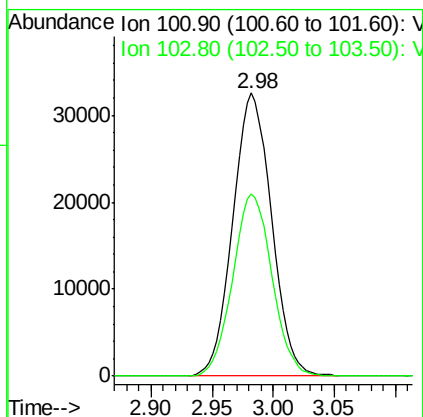
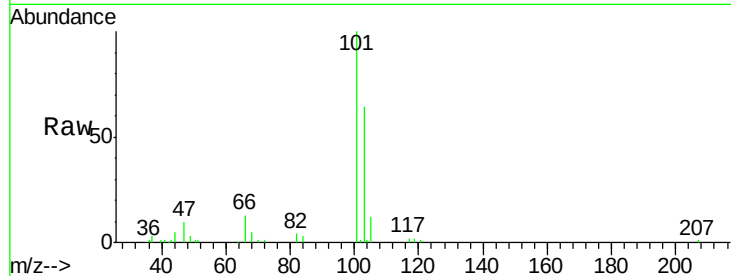
Trichlorofluoromethane
 Concen: 19.207 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.6	77.4

Manual Integrations
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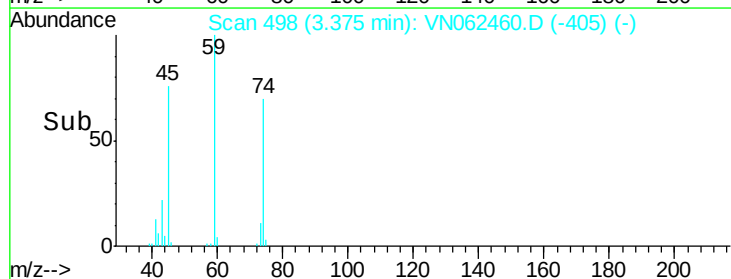
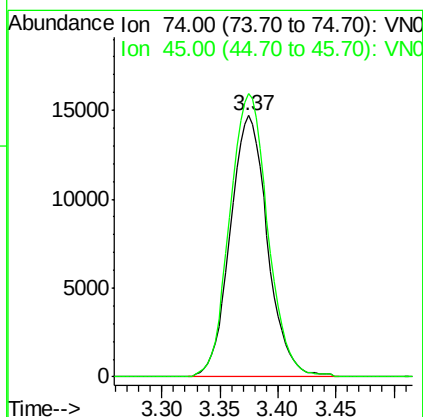
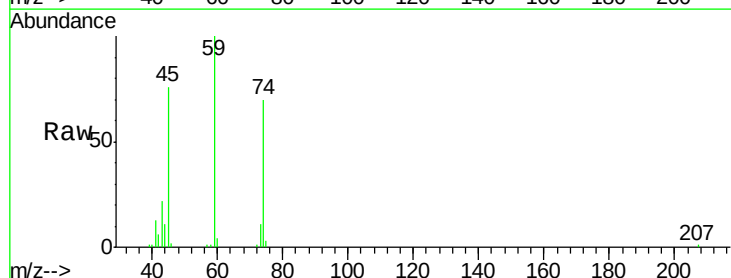
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 7/10/2020 9:23:18 AM

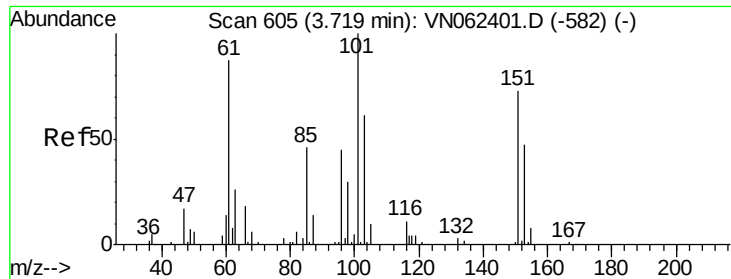


#8

Diethyl Ether
 Concen: 19.643 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.8	58.5	175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.285 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

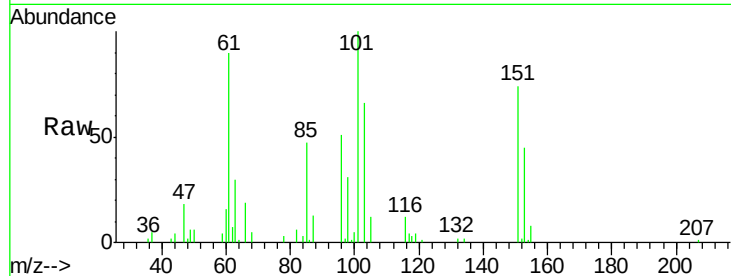
ClientSampleId :

VN0709WBSD02

Tot Ion:	101	Resp:	42637
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.7	55.1
151	72.5	58.3	87.5

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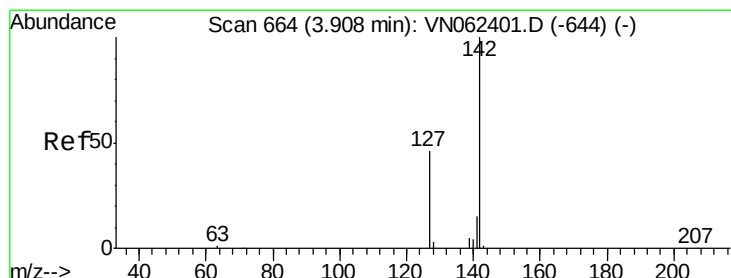
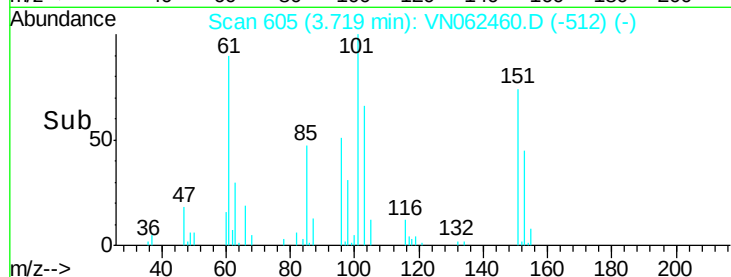
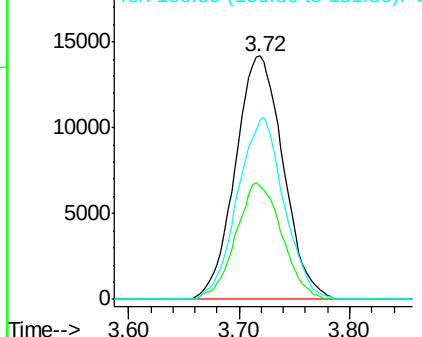
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7/10/2020 9:23:18 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.131 ug/l

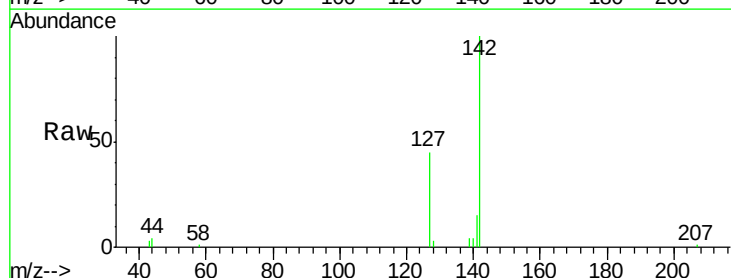
RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

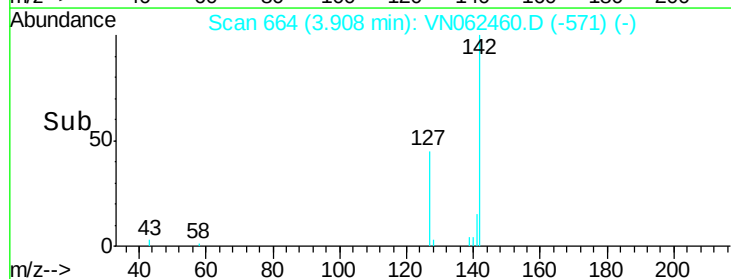
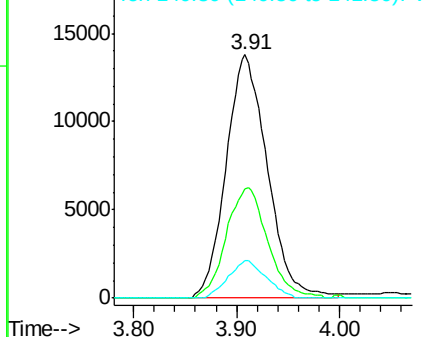
Tgt Ion:	142	Resp:	38334
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.1	54.1
141	14.1	11.4	17.0

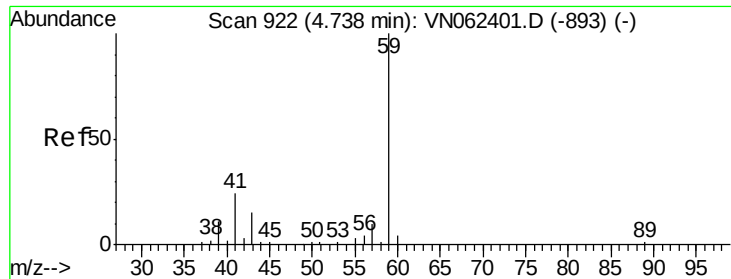


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





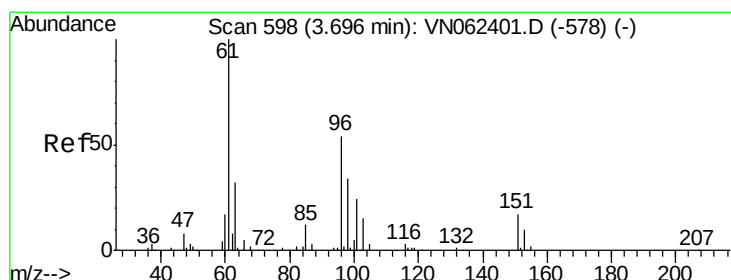
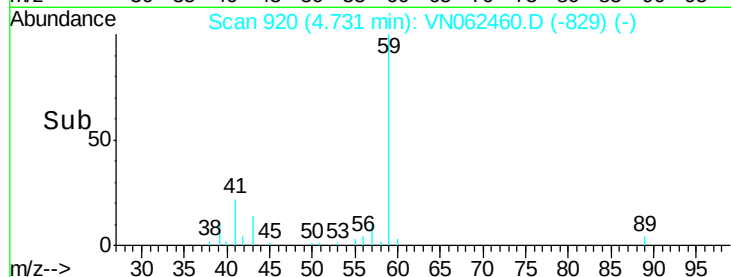
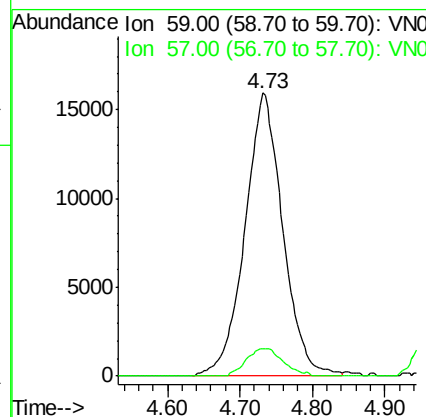
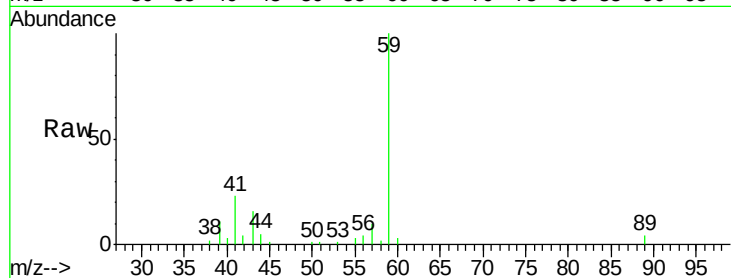
#11
Tert butyl alcohol
Concen: 103.425 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.01 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion	59	57	Ratio	100	5.0	Resp	Lower	Upper
59	57873		100					
57		11.6#				7.8		

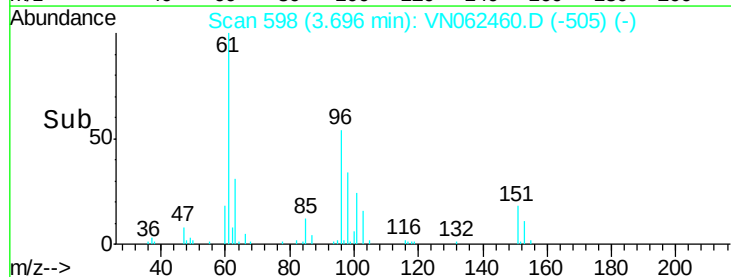
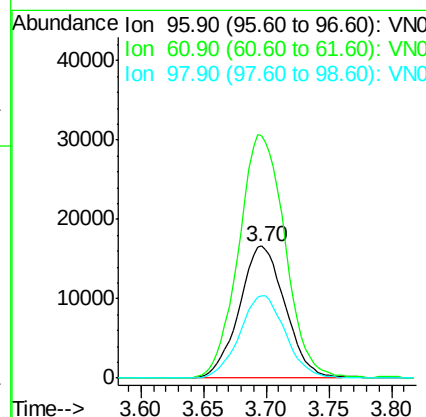
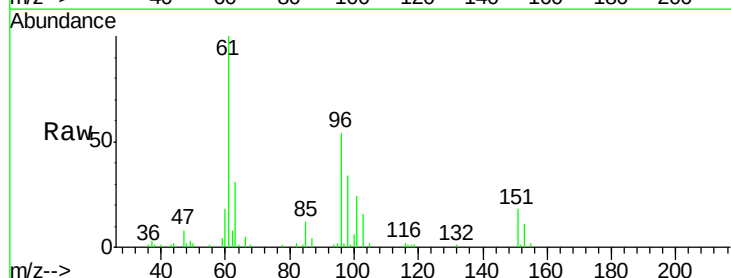
Manual Integrations
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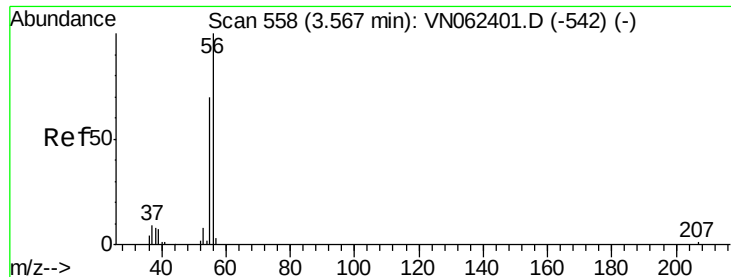
MMDadoda
7/10/2020 9:23:18 AM



#12
1,1-Dichloroethene
Concen: 18.769 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	96	61	98	Ratio	100	184.4	62.6	Resp	Lower	Upper
96	42248			100						
61		221.0								
98		75.6								





#13

Acrolein

Concen: 77.526 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 56 Resp: 31294

Ion Ratio Lower Upper

56 100

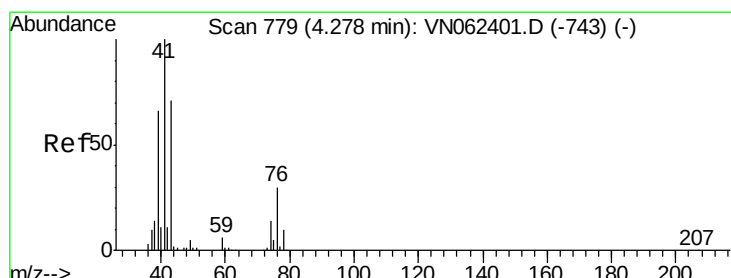
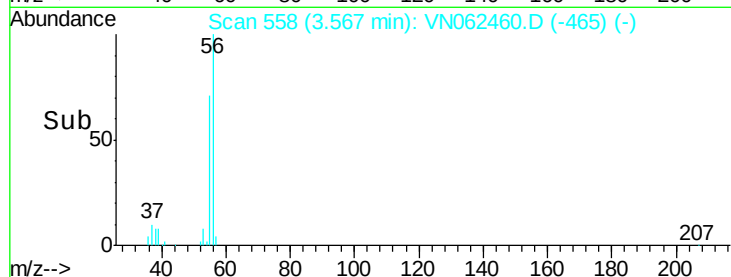
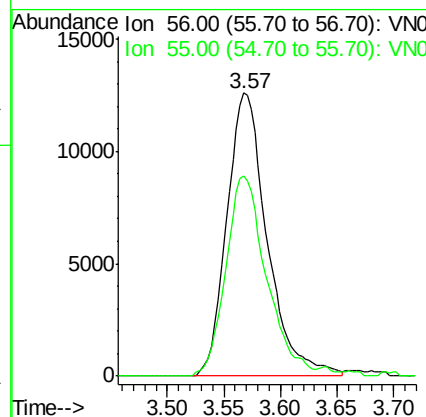
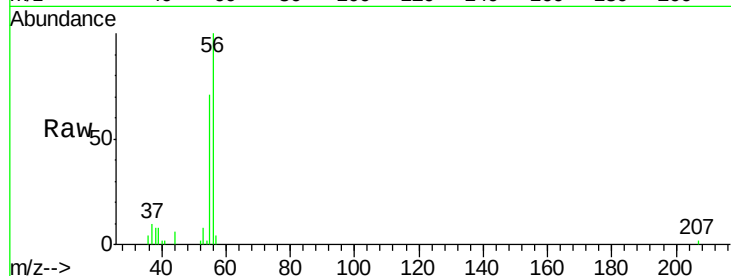
55 71.4 57.2 85.8

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#14

Allyl chloride

Concen: 18.052 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

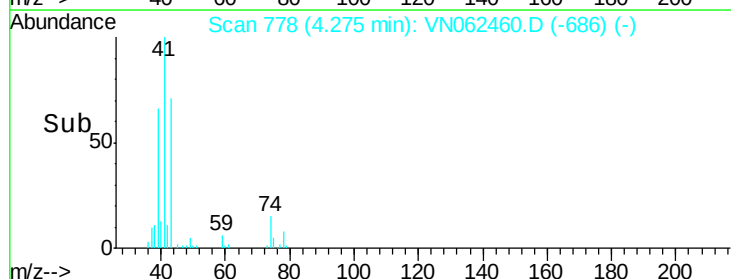
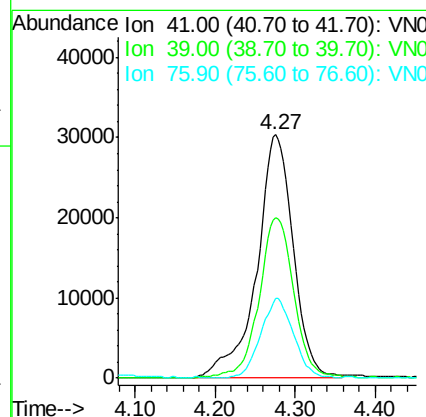
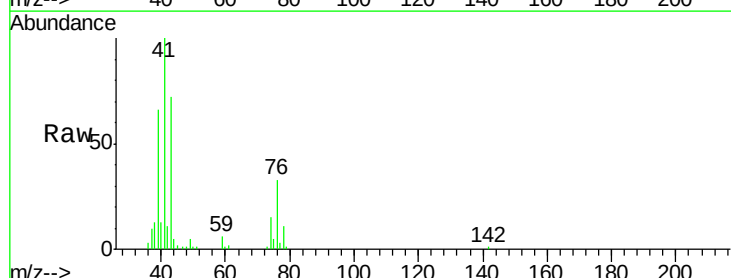
Tgt Ion: 41 Resp: 95569

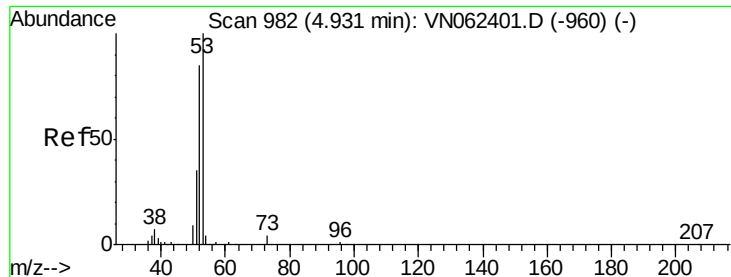
Ion Ratio Lower Upper

41 100

39 63.0 49.6 74.4

76 29.5 22.2 33.4





#15

Acrylonitrile

Concen: 98.832 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

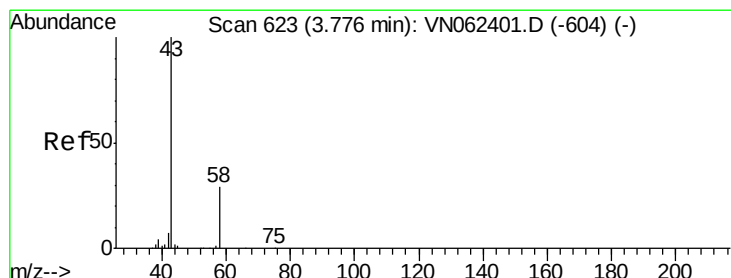
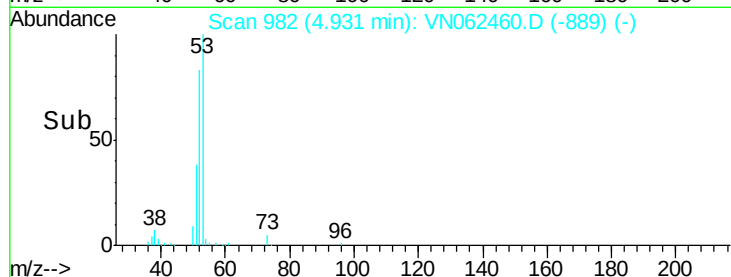
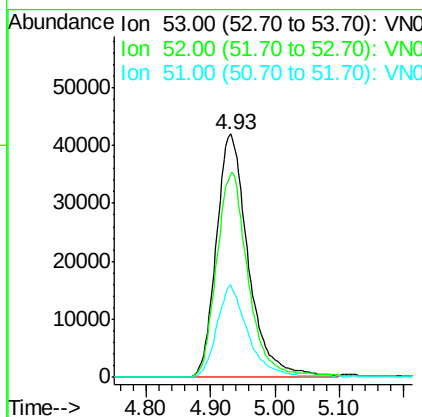
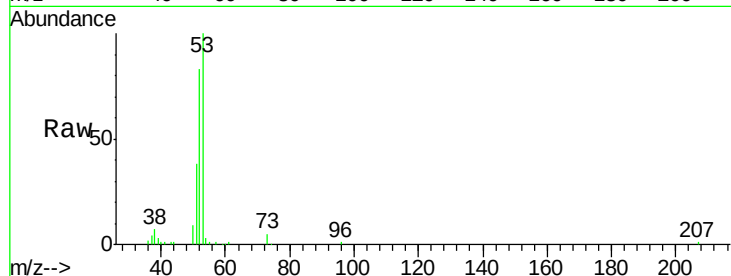
ClientSampleId :

VN0709WBSD02

Tot Ion:	53	Resp:	145040
Ion Ratio		Lower	Upper
53	100		
52	81.7	66.2	99.4
51	36.5	28.7	43.1

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#16

Acetone

Concen: 88.721 ug/l

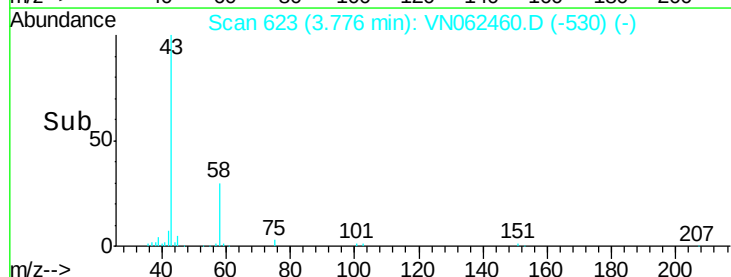
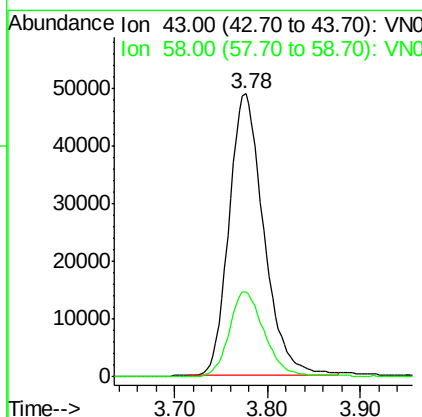
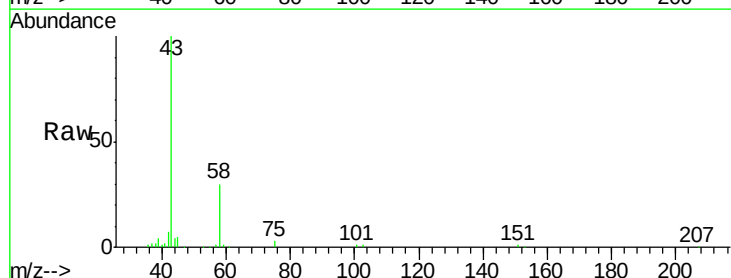
RT: 3.78 min Scan# 623

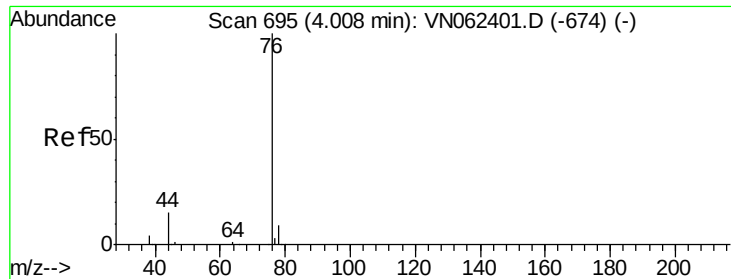
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	43	Resp:	127060
Ion Ratio		Lower	Upper
43	100		
58	30.0	23.5	35.3





#17

Carbon Disulfide

Concen: 17.360 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 76 Resp: 122450

Ion Ratio Lower Upper

76 100

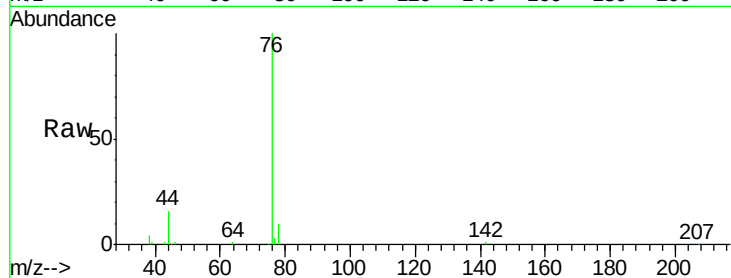
78 9.6 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

50000

40000

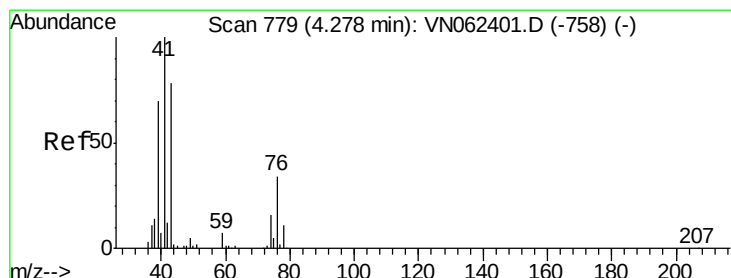
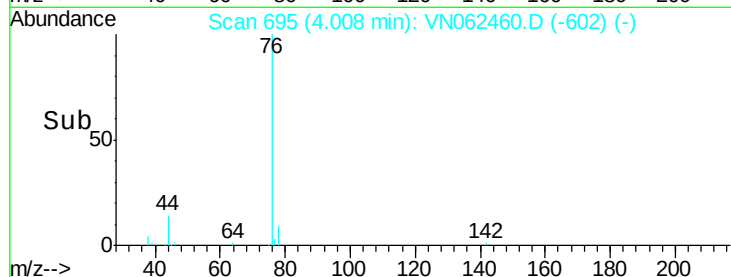
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 19.037 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062460.D

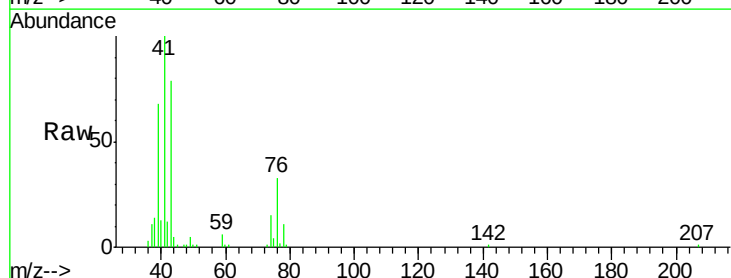
Acq: 9 Jul 2020 17:24

Tgt Ion: 43 Resp: 68039

Ion Ratio Lower Upper

43 100

74 19.1 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

25000

20000

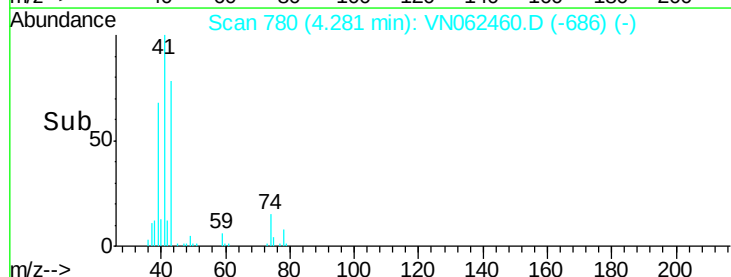
15000

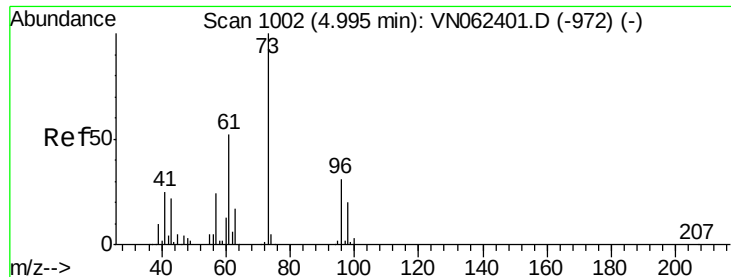
10000

5000

0

Time-->





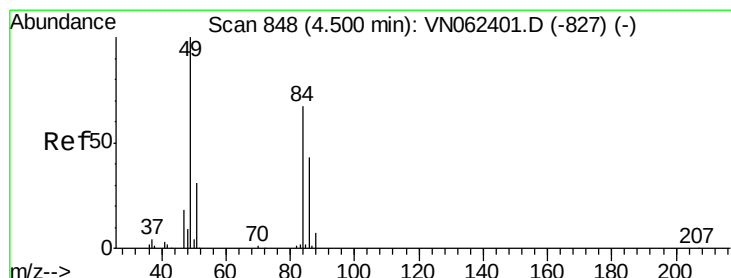
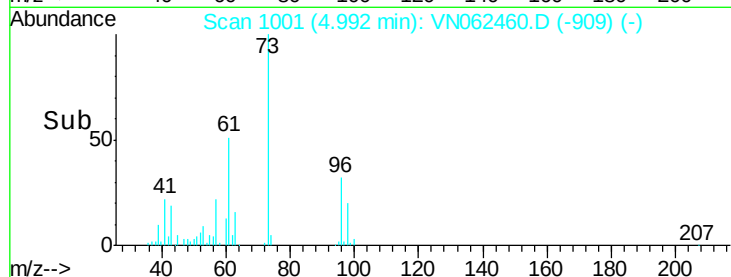
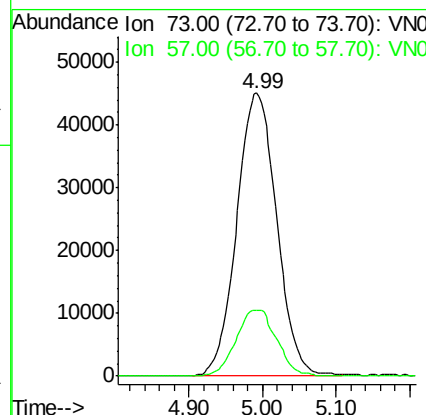
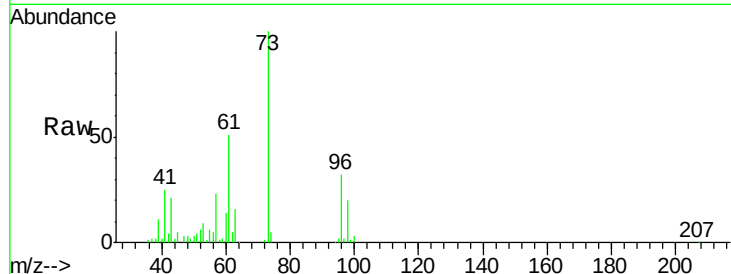
#19
Methvl tert-butyl Ether
Concen: 19.927 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion: 73 Resp: 170062
Ion Ratio Lower Upper
73 100
57 23.2 19.4 29.0

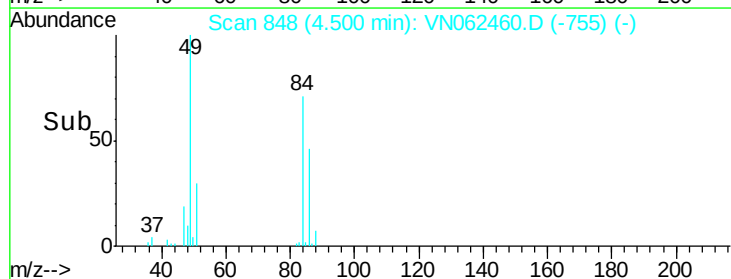
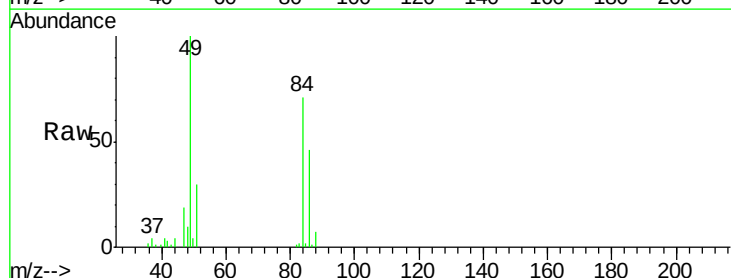
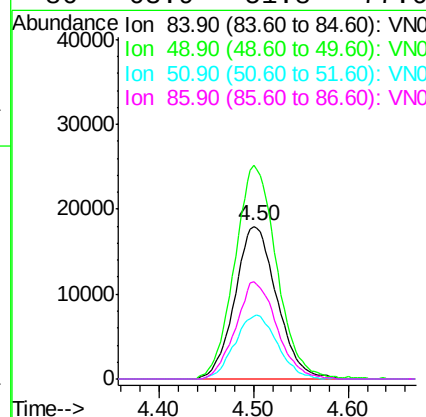
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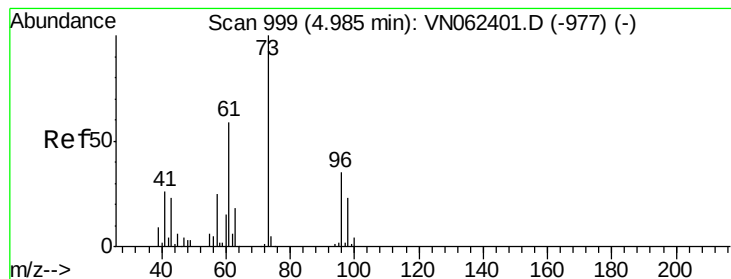
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#20
Methylene Chloride
Concen: 18.090 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 84 Resp: 55392
Ion Ratio Lower Upper
84 100
49 140.0 120.0 180.0
51 41.3 37.0 55.6
86 63.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.738 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

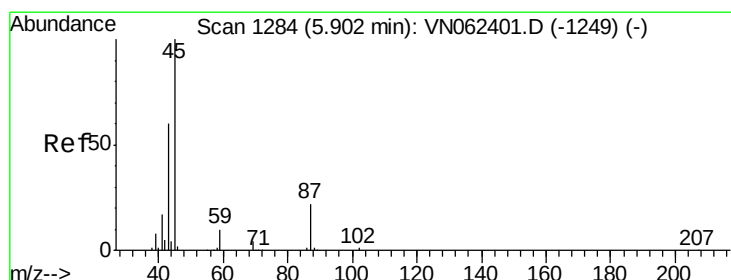
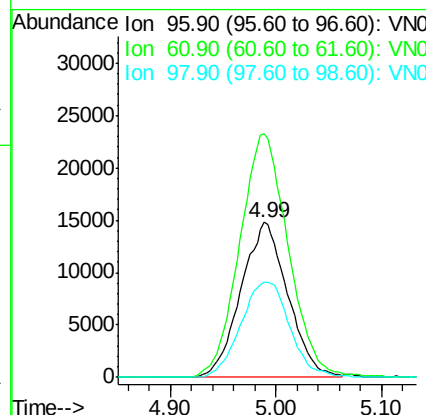
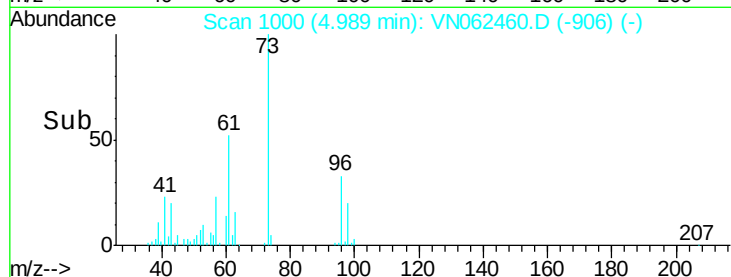
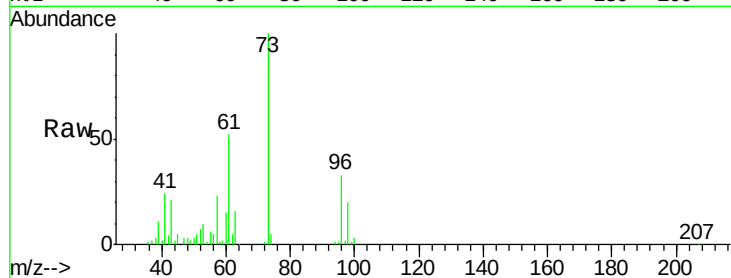
ClientSampleId :

VN0709WBSD02

Tot Ion:	96	Resp:	45695
Ion	Ratio	Lower	Upper
96	100		
61	157.4	133.5	200.3
98	61.2	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.168 ug/l

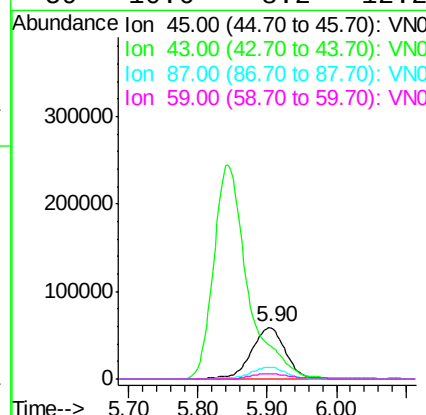
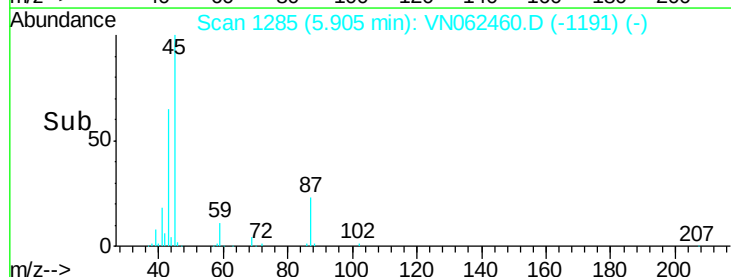
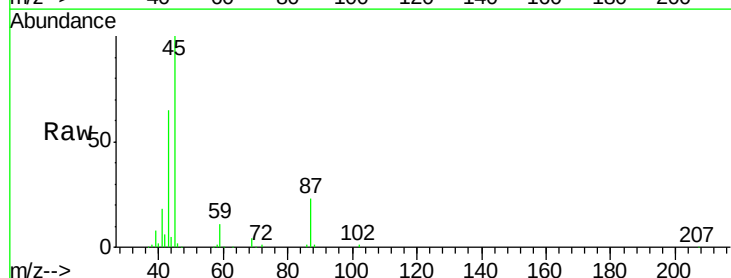
RT: 5.90 min Scan# 1285

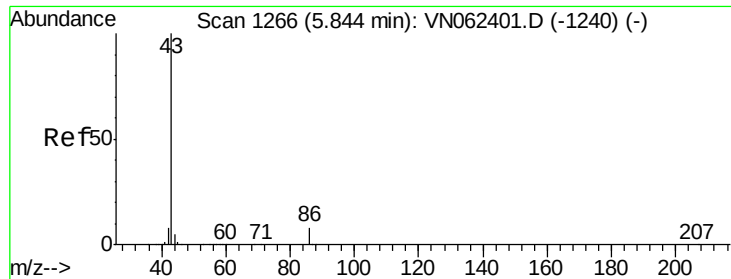
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	45	Resp:	200486
Ion	Ratio	Lower	Upper
45	100		
43	62.2	50.1	75.1
87	23.3	18.2	27.4
59	10.6	8.2	12.2





#23

Vinyl Acetate

Concen: 96.464 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 43 Resp: 835798

Ion Ratio Lower Upper

43 100

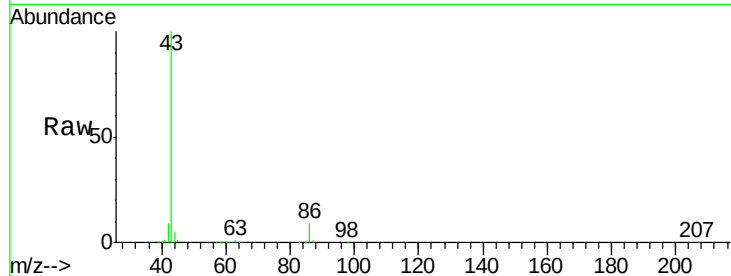
86 8.5 6.7 10.1

Manual Integrations

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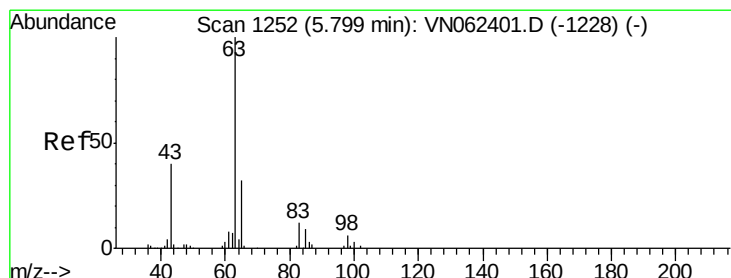
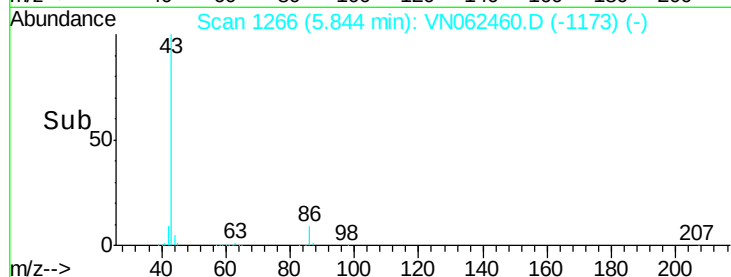
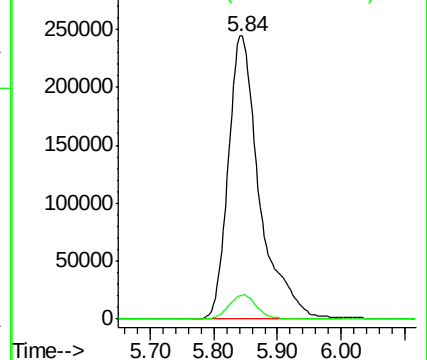
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.060 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

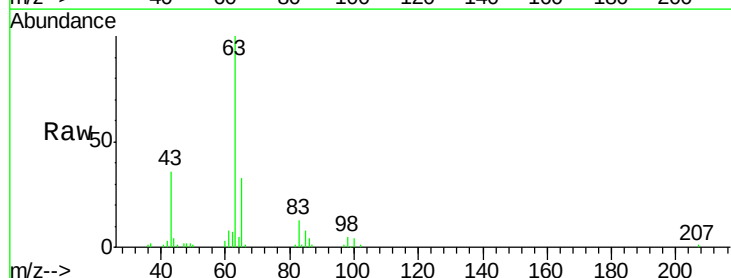
Tgt Ion: 63 Resp: 103014

Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.8

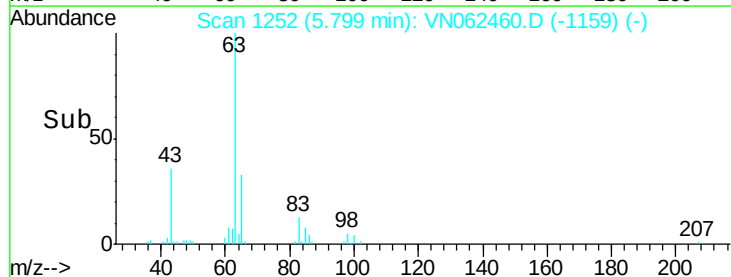
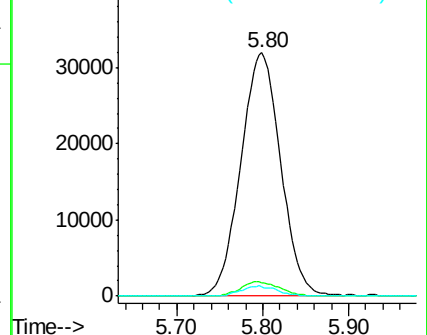
100 4.0 1.8 5.3

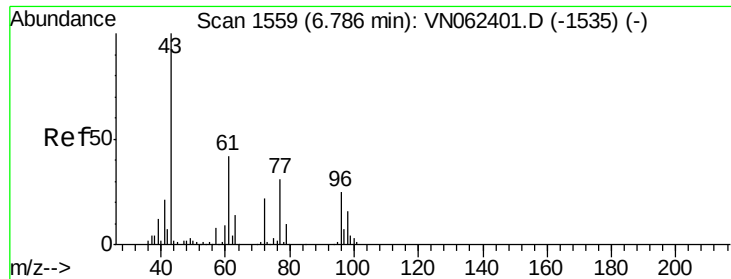


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 95.030 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 43 Resp: 198759

Ion Ratio Lower Upper

43 100

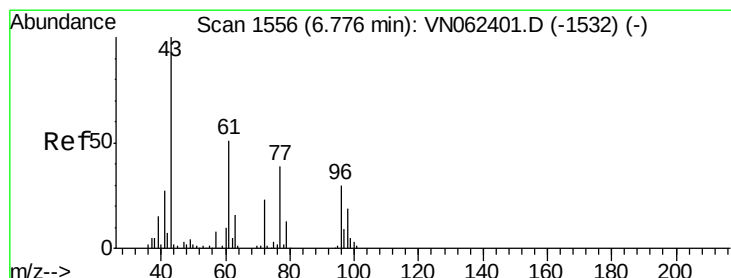
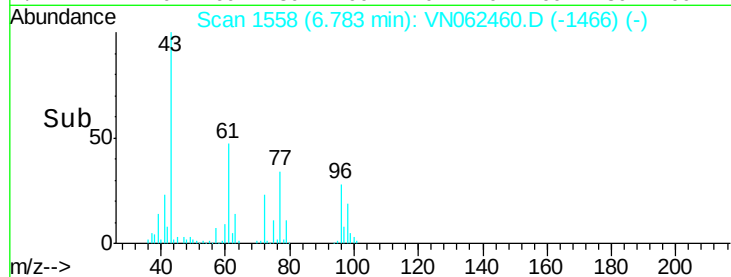
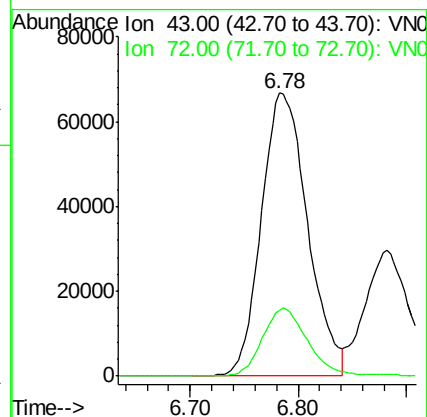
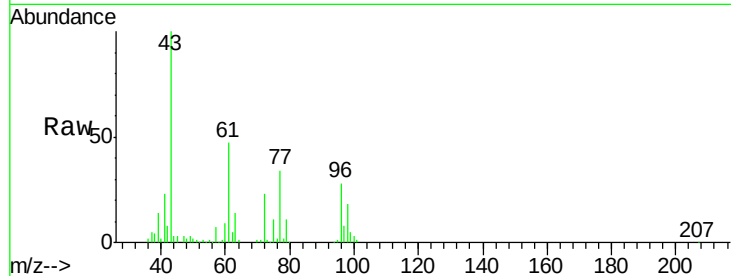
72 23.3 17.9 26.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.072 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062460.D

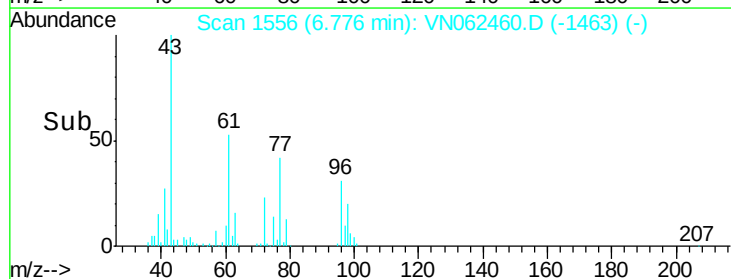
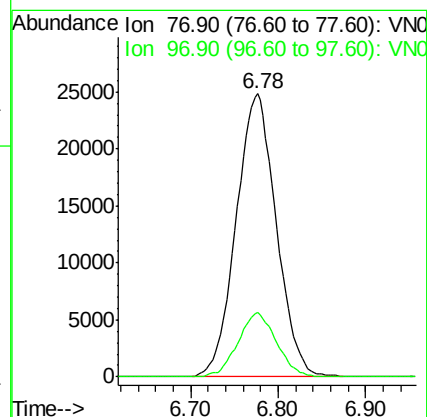
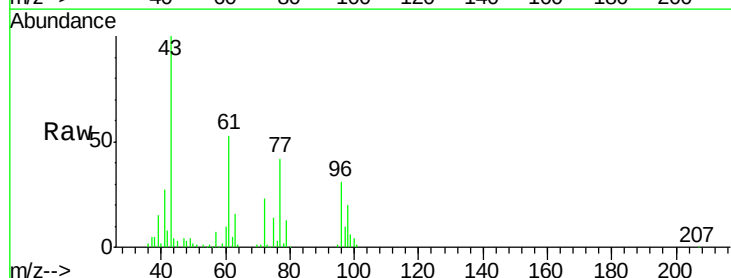
Acq: 9 Jul 2020 17:24

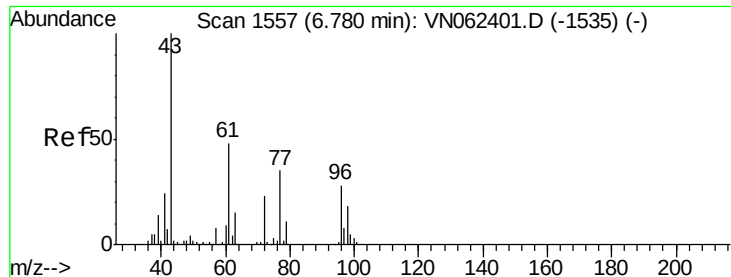
Tgt Ion: 77 Resp: 79034

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.767 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

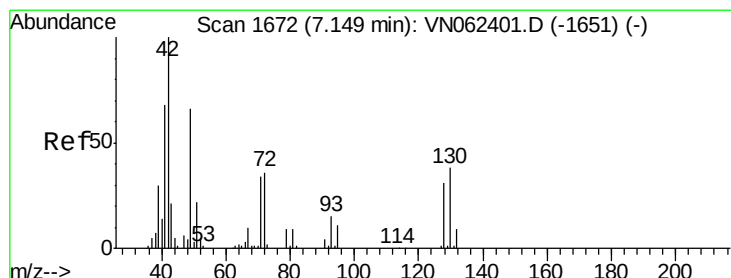
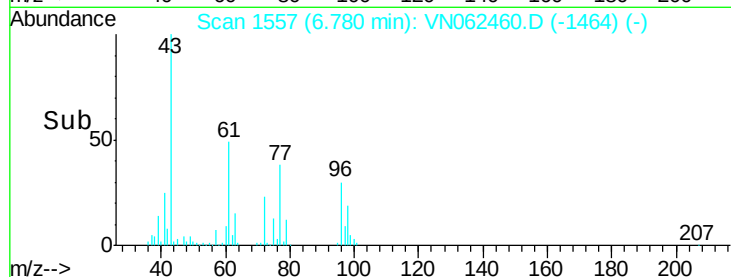
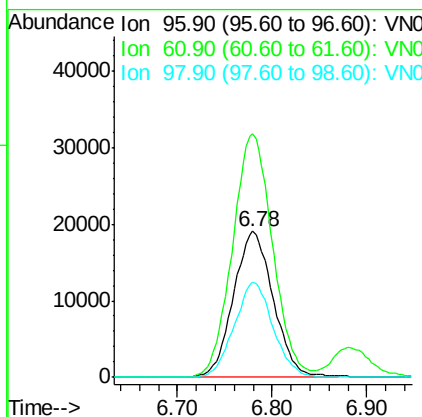
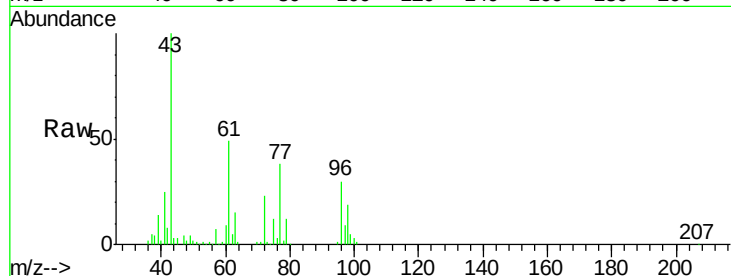
ClientSampleId :

VN0709WBSD02

Tot Ion:	96	Resp:	55835
Ion	Ratio	Lower	Upper
96	100		
61	167.4	0.0	343.4
98	63.2	0.0	128.4

Manual Integrations
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#28

Bromochloromethane

Concen: 19.327 ug/l

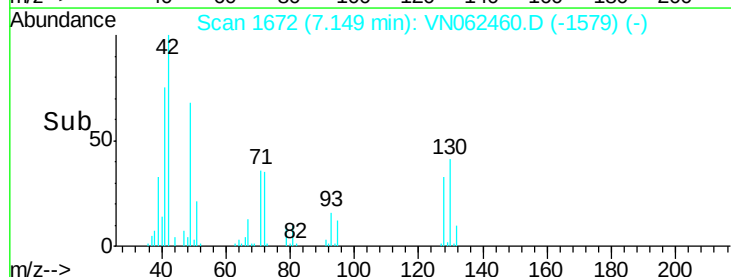
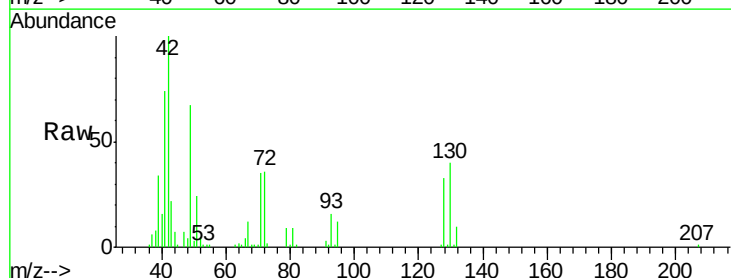
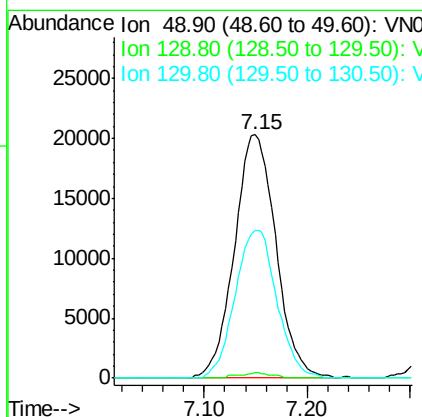
RT: 7.15 min Scan# 1672

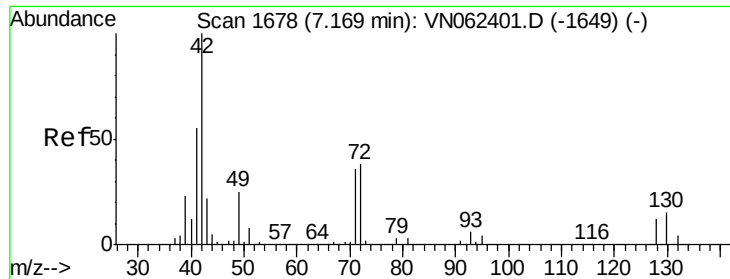
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	49	Resp:	56750
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.8
130	61.0	46.5	69.7





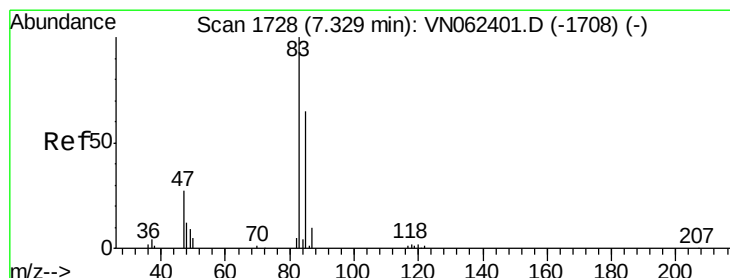
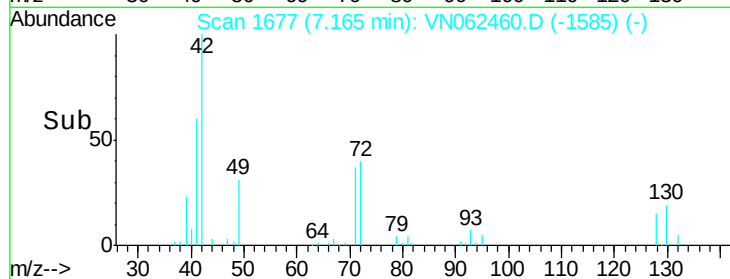
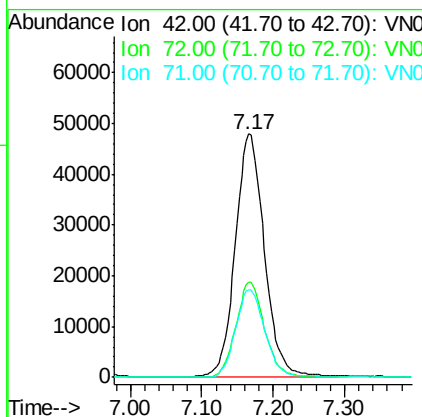
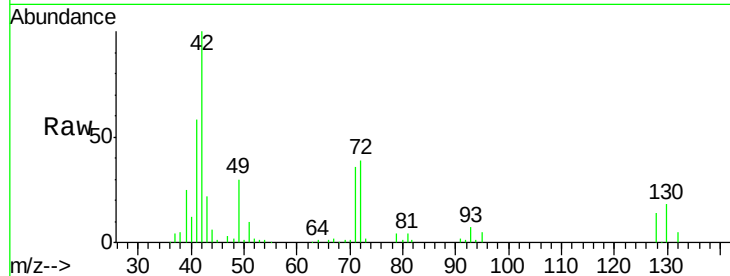
#29
Tetrahydrofuran
Concen: 97.534 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	29.1	43.7
71	35.9	28.1	42.1

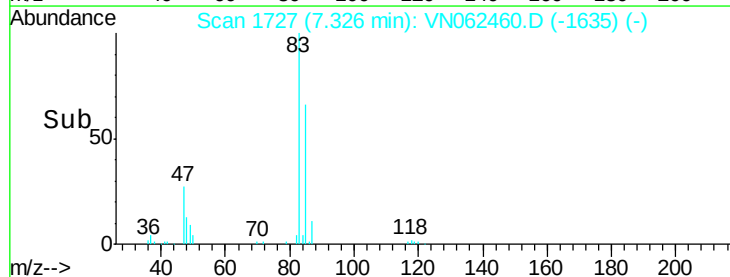
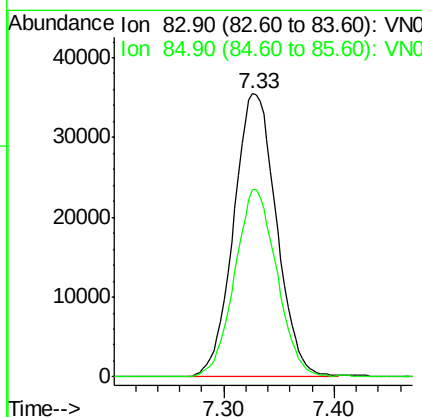
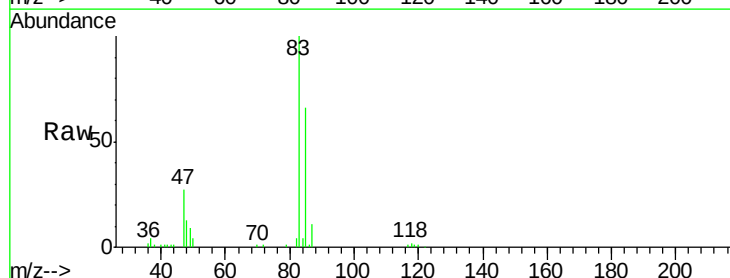
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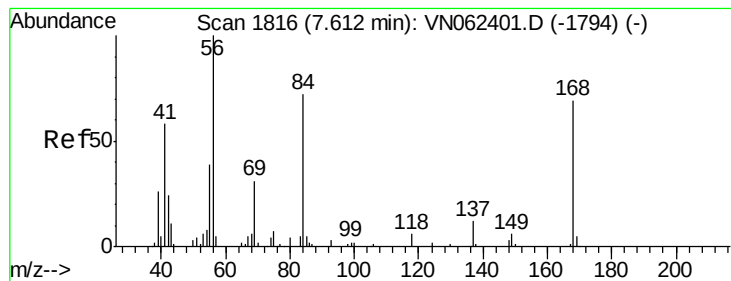
MMDadoda
7/10/2020 9:23:18 AM



#30
Chloroform
Concen: 19.556 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.8	77.6





#31

Cyclohexane

Concen: 17.193 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

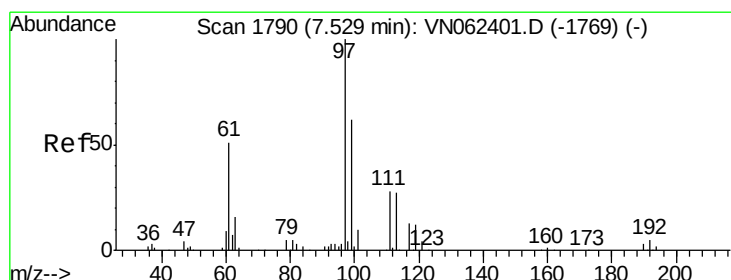
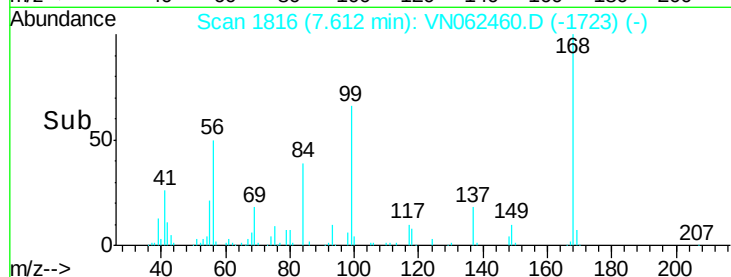
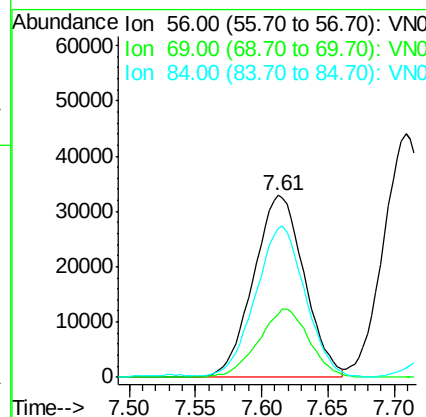
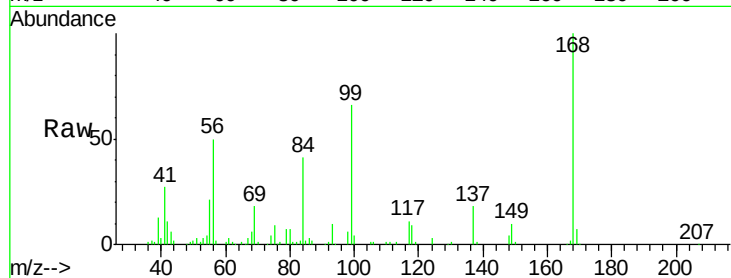
ClientSampleId :

VN0709WBSD02

Tot Ion:	56	Resp:	88091
Ion	Ratio	Lower	Upper
56	100		
69	35.0	24.5	36.7
84	81.2	57.4	86.2

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 19.129 ug/l

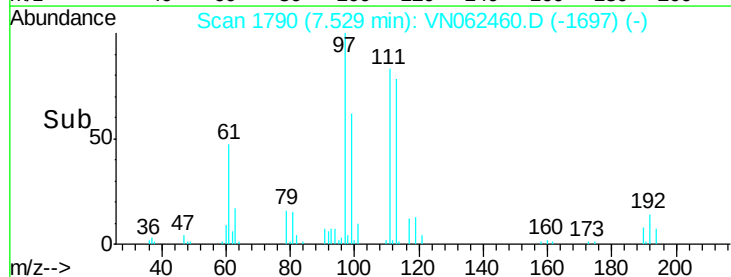
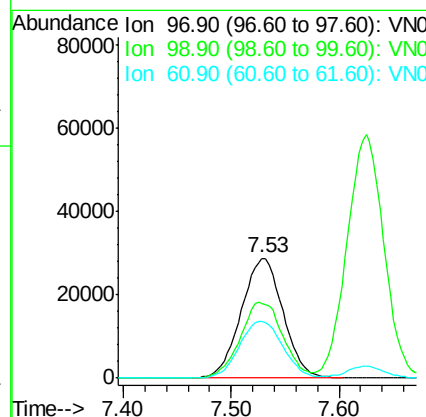
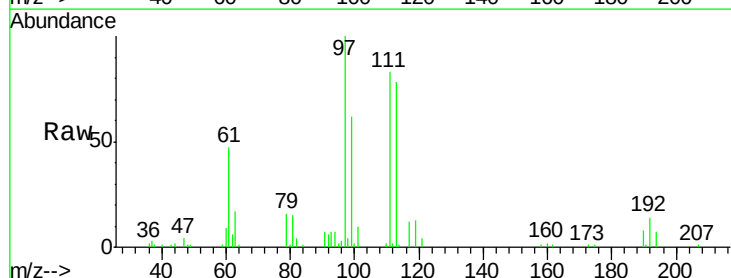
RT: 7.53 min Scan# 1790

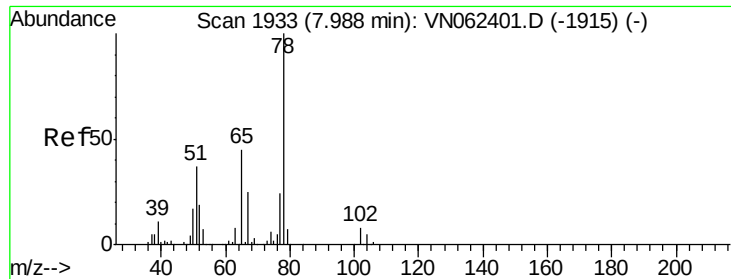
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	97	Resp:	77647
Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.4	75.6
61	49.0	39.9	59.9





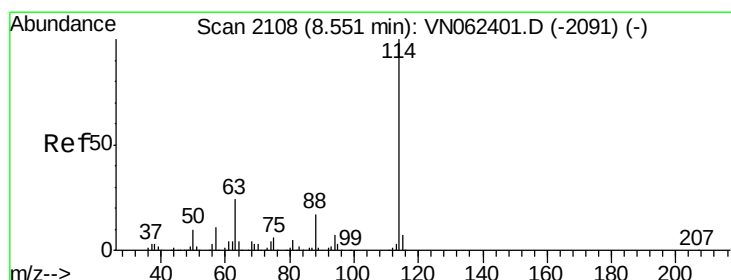
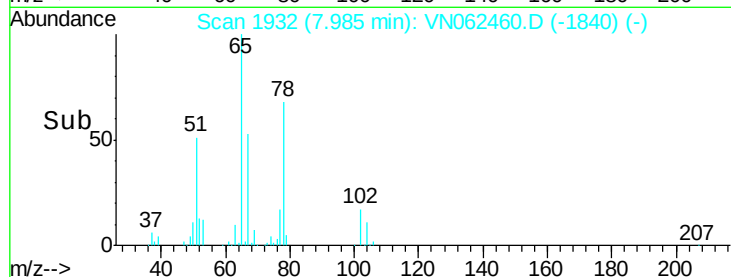
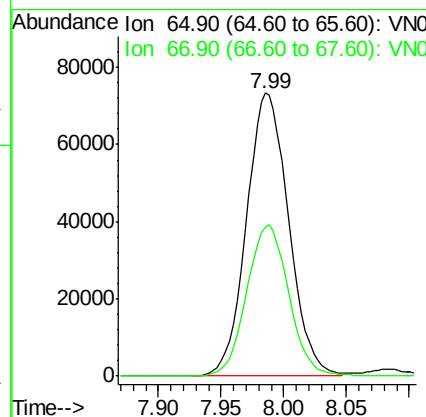
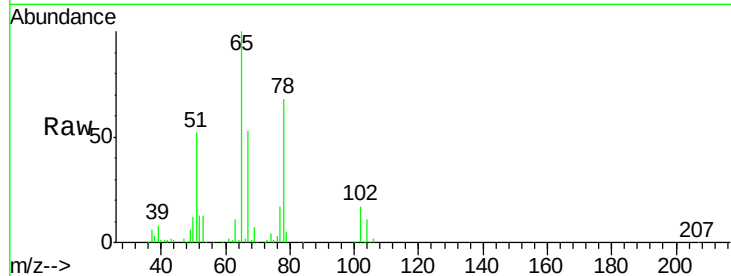
#33
 1,2-Dichloroethane-d4
 Concen: 50.808 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171388		
67	53.3	0.0	107.6	

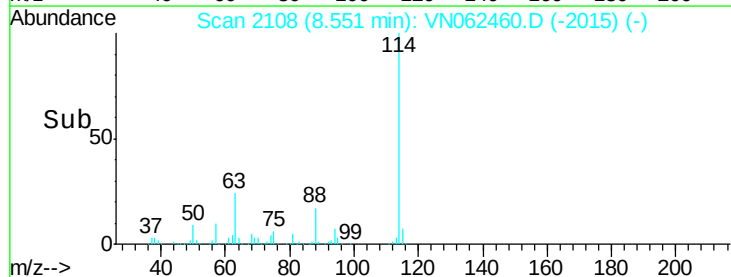
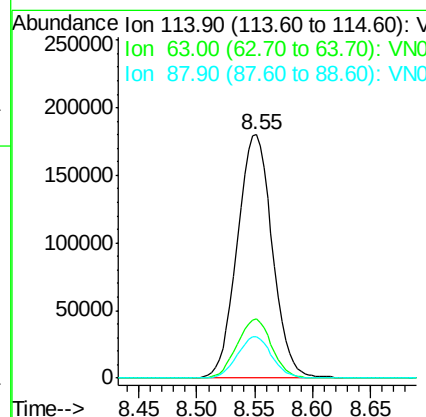
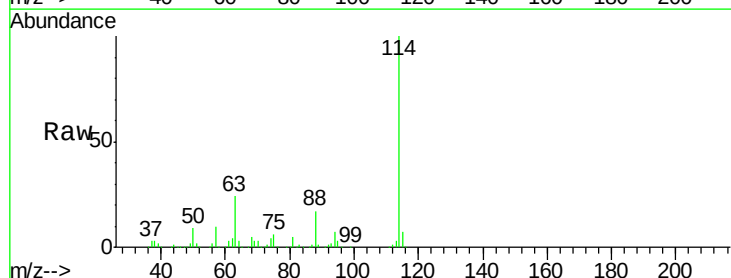
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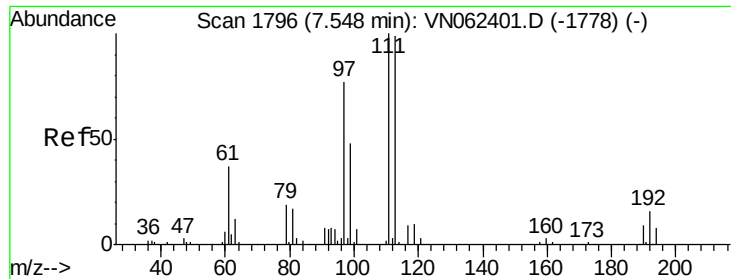
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	377673		
63	24.3	0.0	48.4	
88	17.1	0.0	33.8	





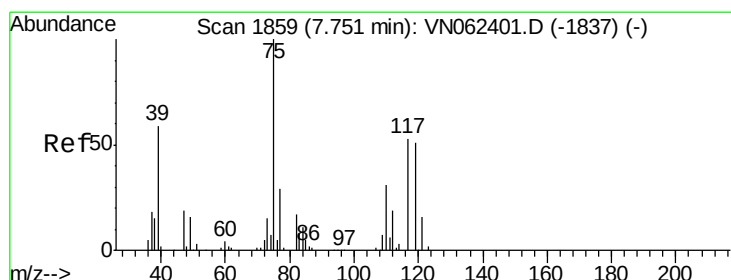
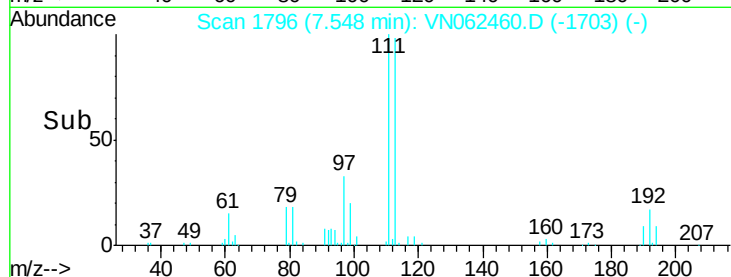
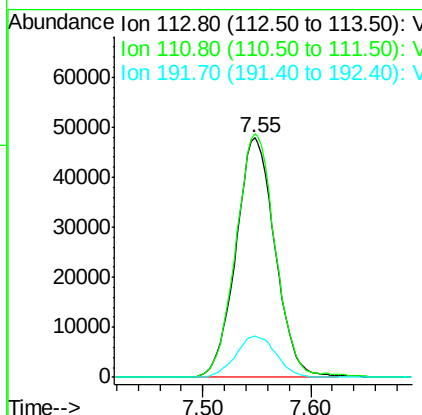
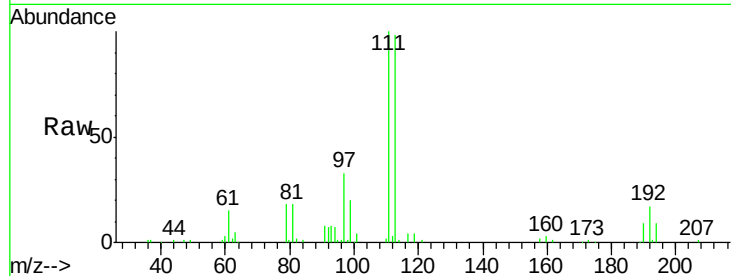
#35
 Dibromofluoromethane
 Concen: 51.669 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120623		
111	103.0	83.1	124.7	
192	17.7	14.1	21.1	

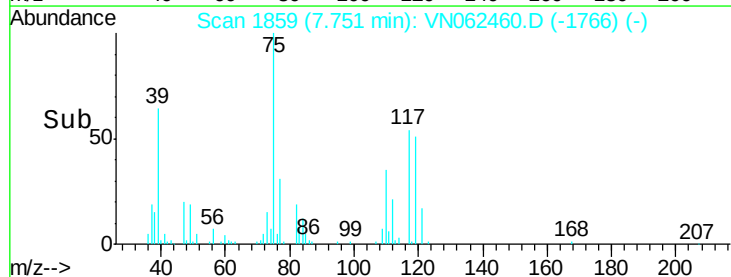
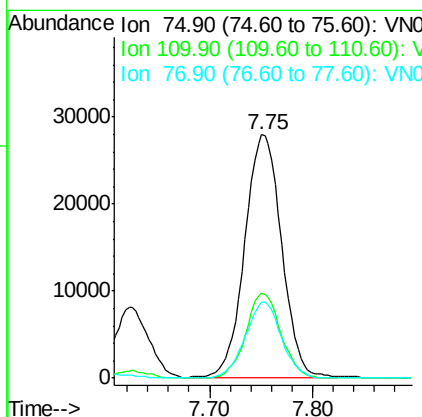
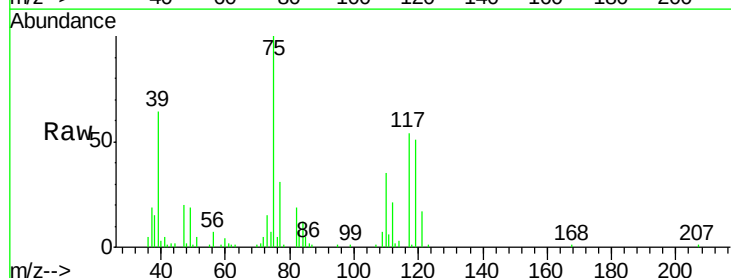
Manual Integrations
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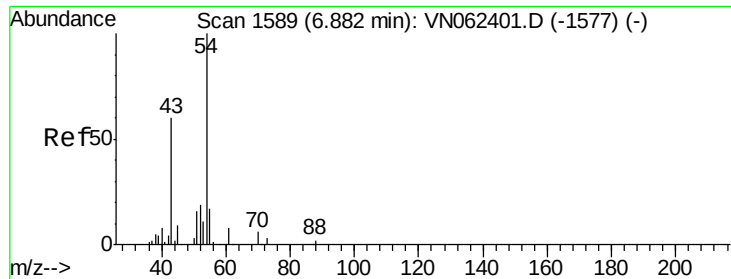
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#36
 1,1-Dichloropropene
 Concen: 18.336 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69767		
110	32.9	15.4	46.2	
77	30.5	24.1	36.1	





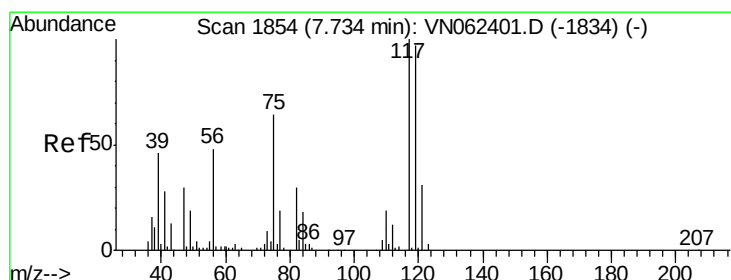
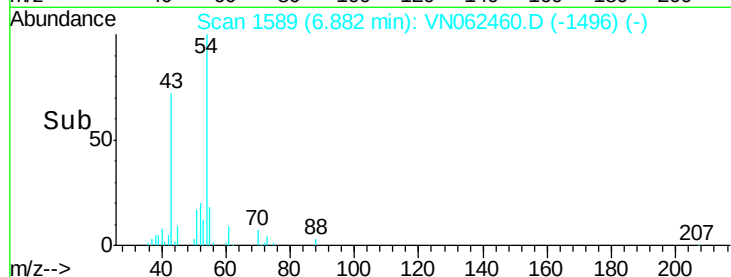
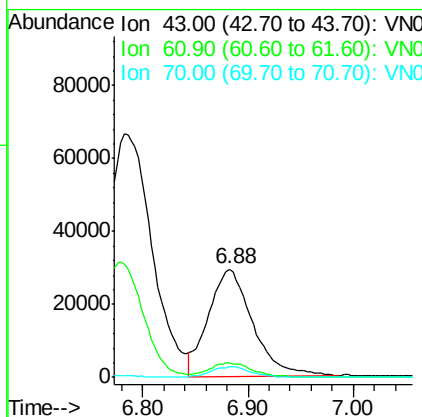
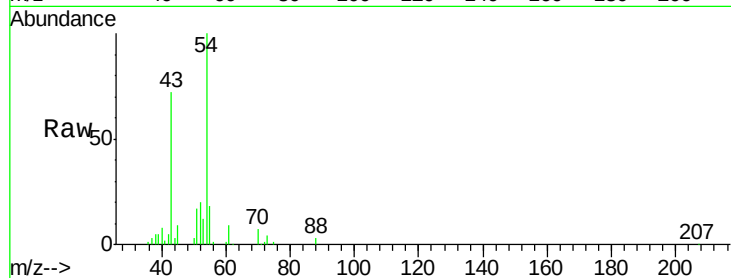
#37
Ethyl Acetate
Concen: 19.084 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion	43	Resp	84910
Ion Ratio	100	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	9.0	7.2	10.8

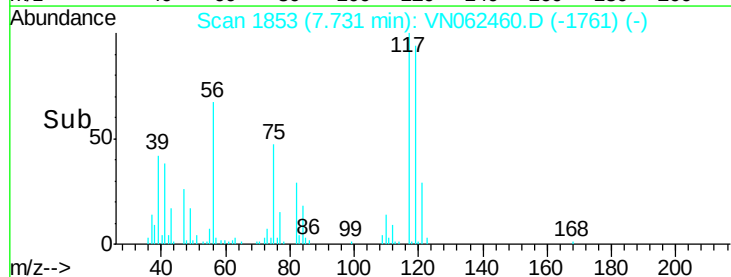
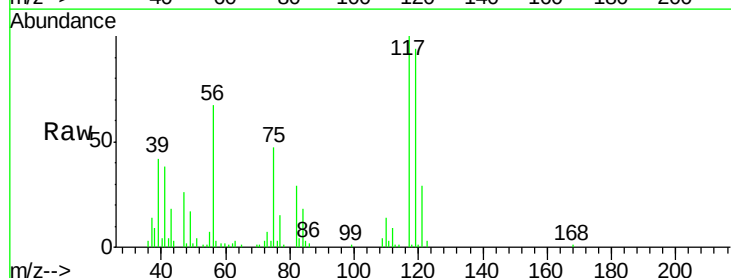
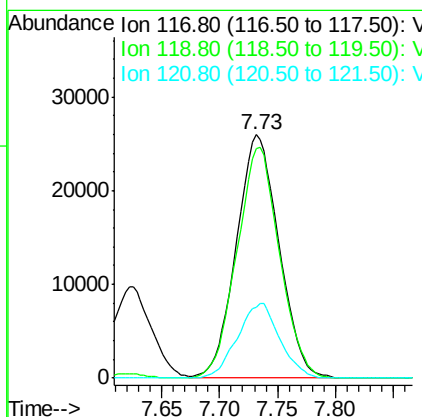
Manual Integrations
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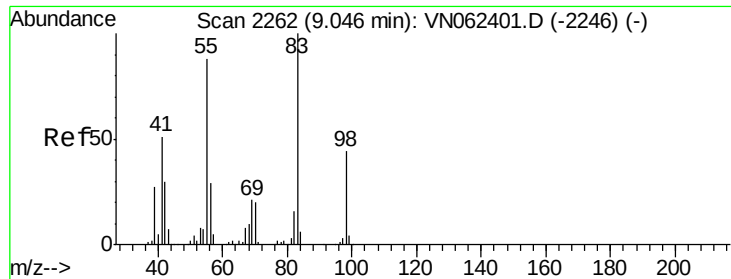
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.414 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	117	Resp	66411
Ion Ratio	100	Lower	Upper
117	100		
119	94.3	77.2	115.8
121	29.3	24.8	37.2





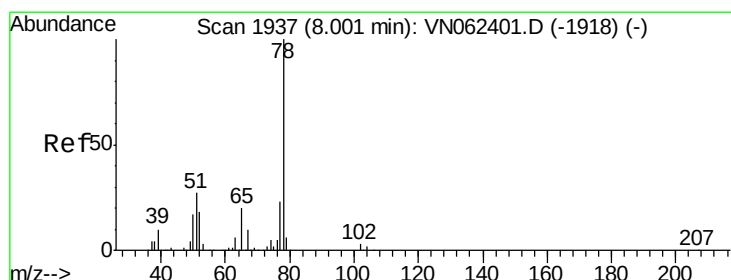
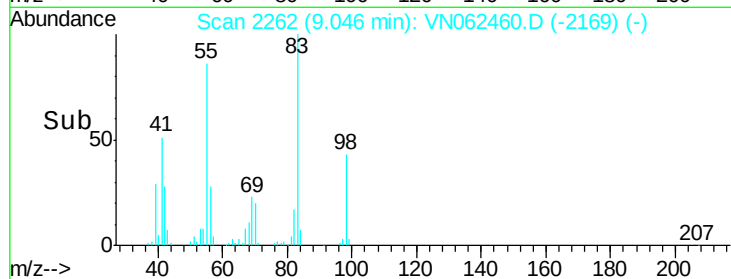
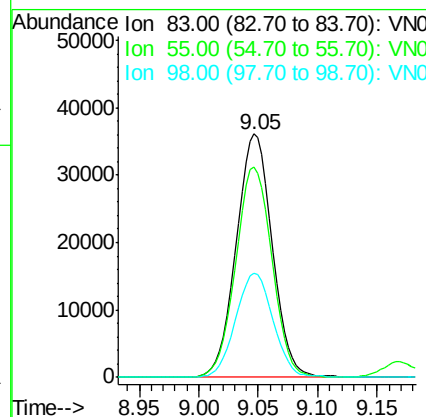
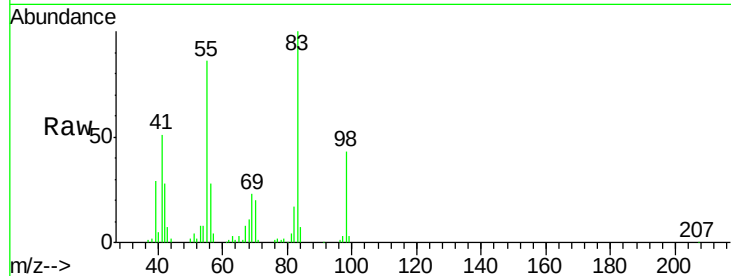
#39
Methylvlcyclohexane
Concen: 18.678 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.4	70.5	105.7
98	42.9	35.5	53.3

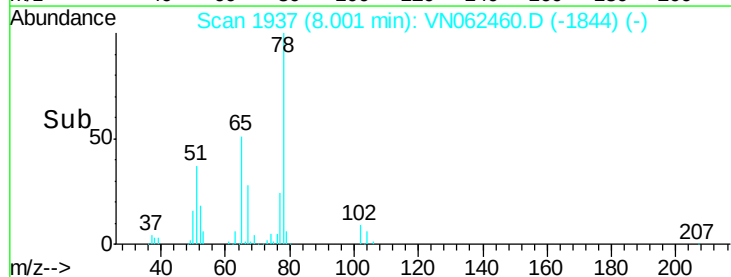
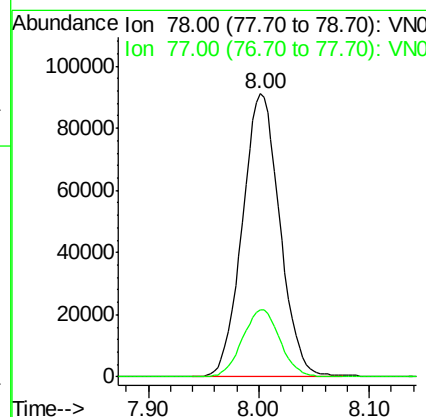
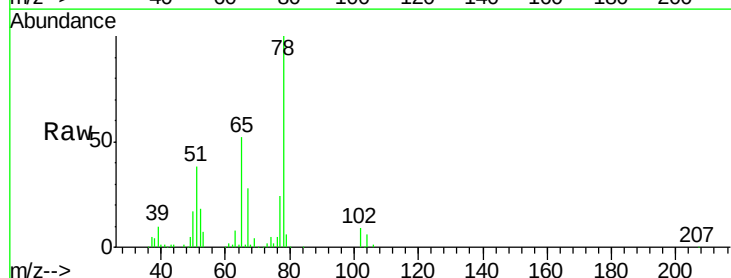
Manual Integrations
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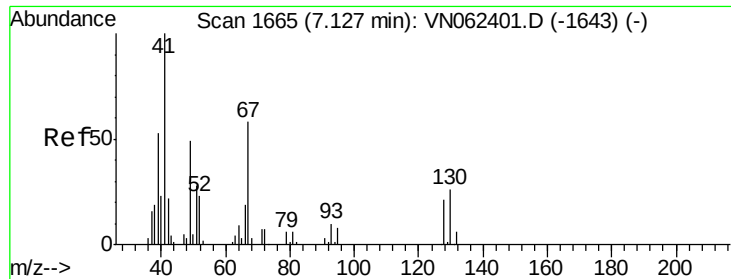
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#40
Benzene
Concen: 19.082 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





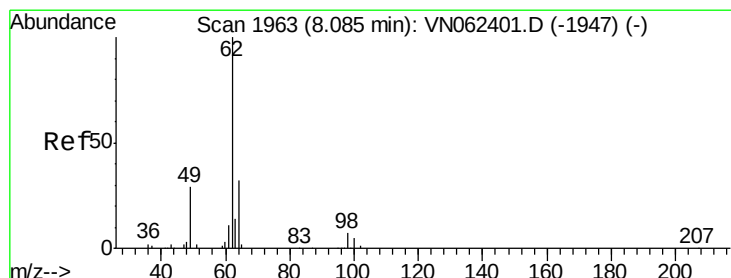
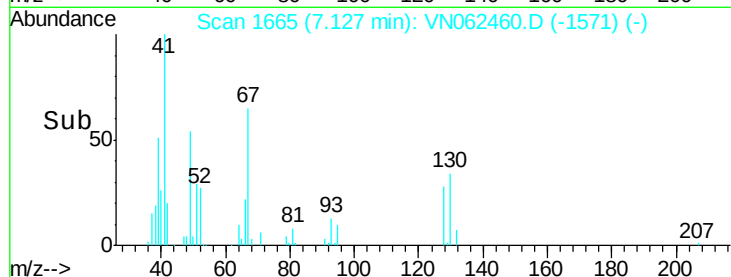
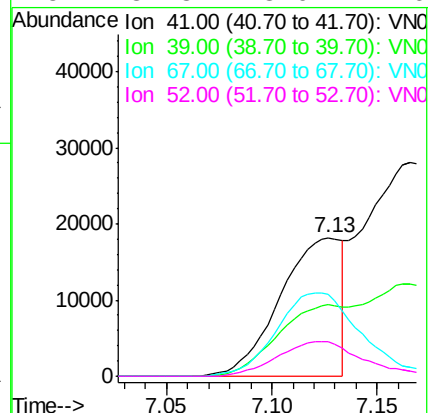
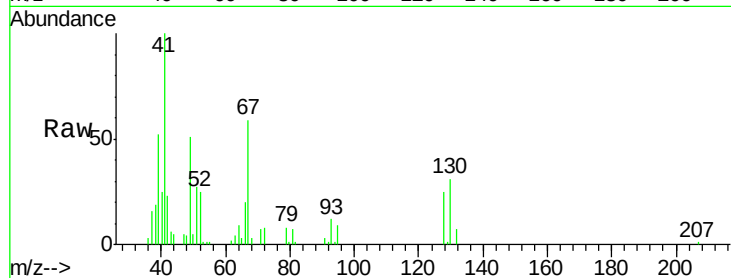
#41
Methacrylonitrile
Concen: 19.915 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion:	41	Resp:	37020
Ion	Ratio	Lower	Upper
41	100		
39	52.9	50.2	75.2
67	83.4	64.2	96.2
52	34.8	28.0	42.0

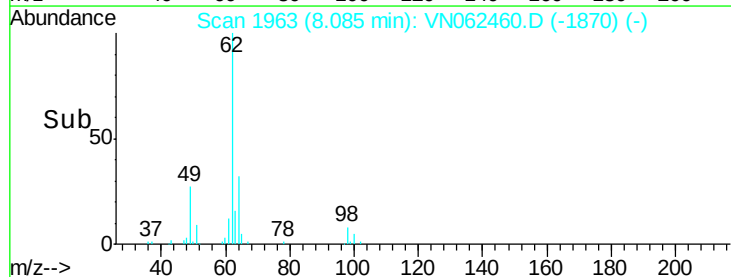
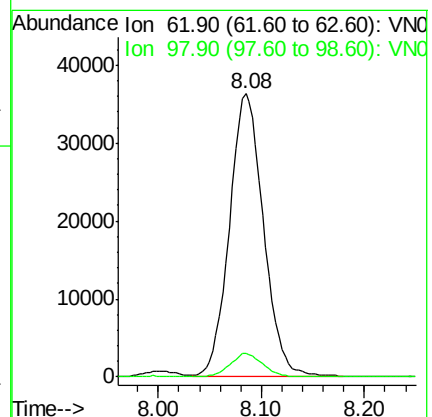
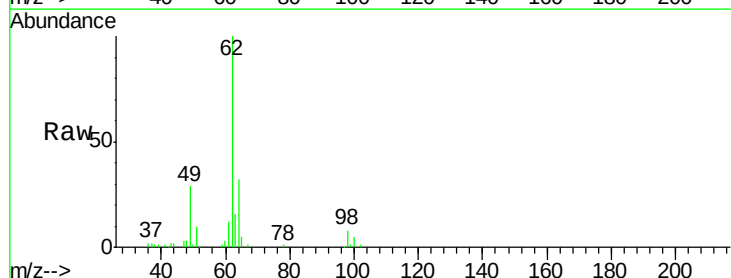
Manual Integrations
APPROVED

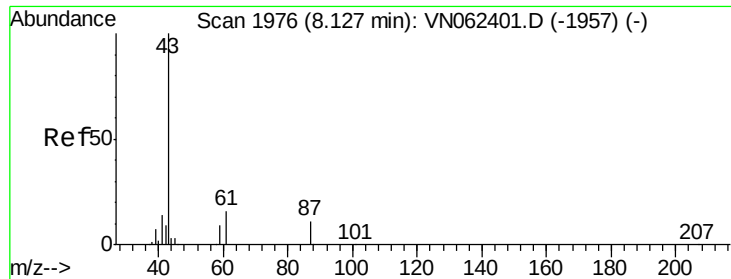
MMDadoda
7/10/2020 9:23:18 AM



#42
1,2-Dichloroethane
Concen: 20.422 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion:	62	Resp:	83858
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.555 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

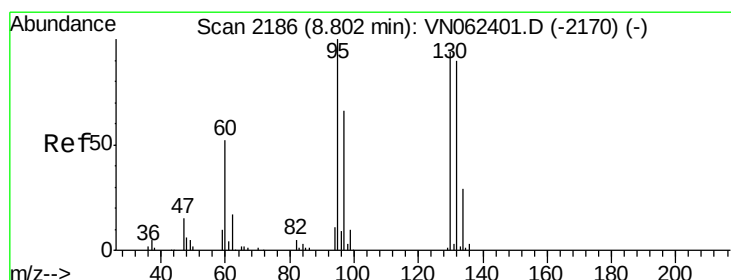
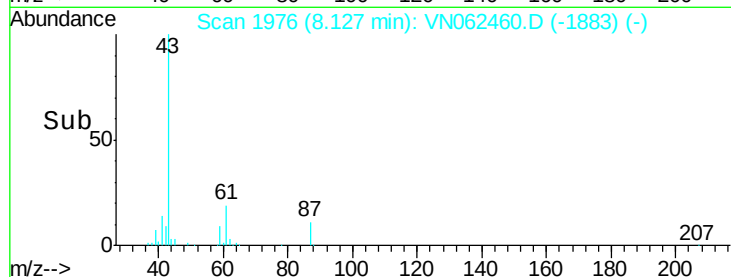
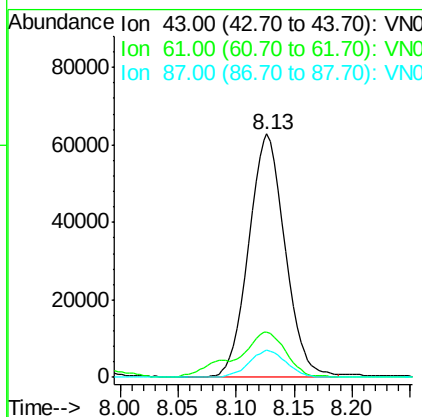
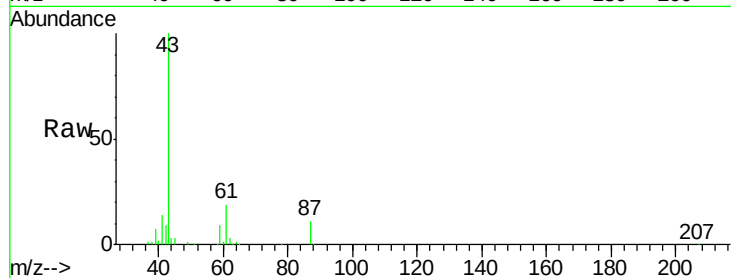
ClientSampleId :

VN0709WBSD02

Tot Ion:	43	Resp:	137442
Ion	Ratio	Lower	Upper
43	100		
61	19.8	19.3	28.9
87	11.3	8.6	13.0

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#44

Trichloroethene

Concen: 19.261 ug/l

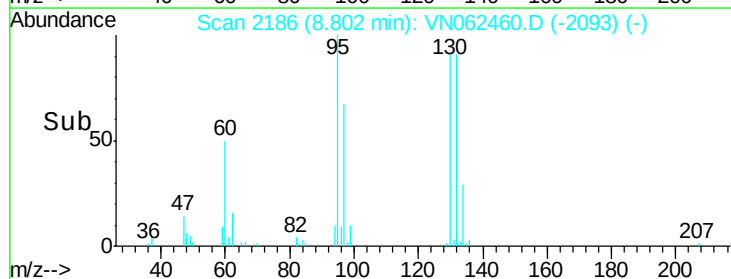
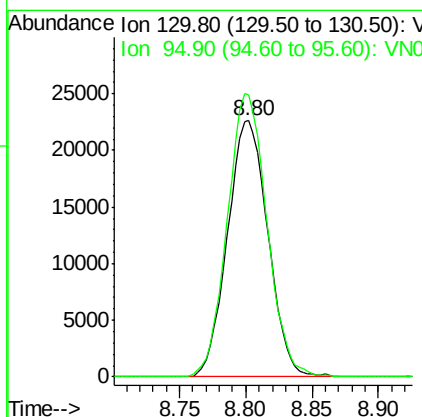
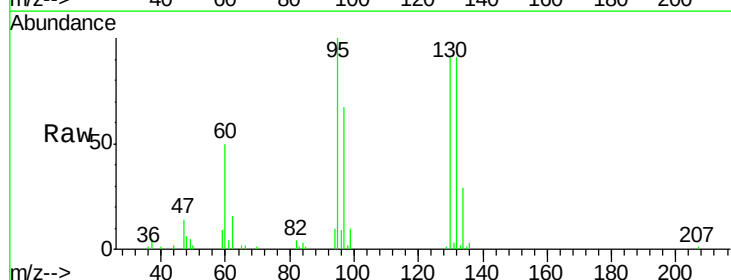
RT: 8.80 min Scan# 2186

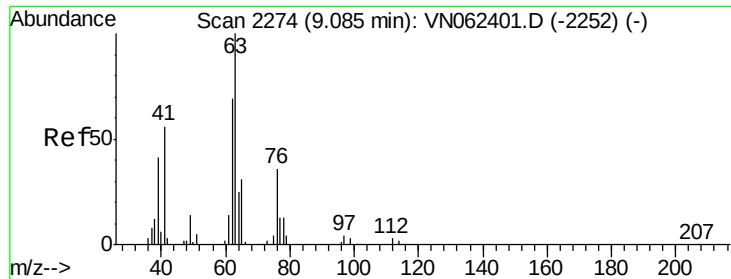
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	130	Resp:	47923
Ion	Ratio	Lower	Upper
130	100		
95	110.2	0.0	213.8





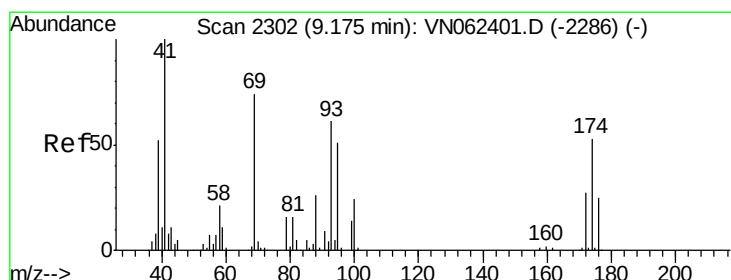
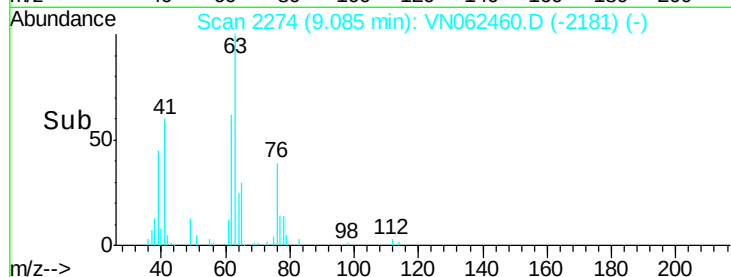
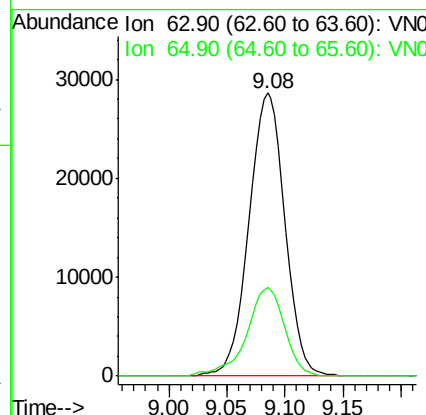
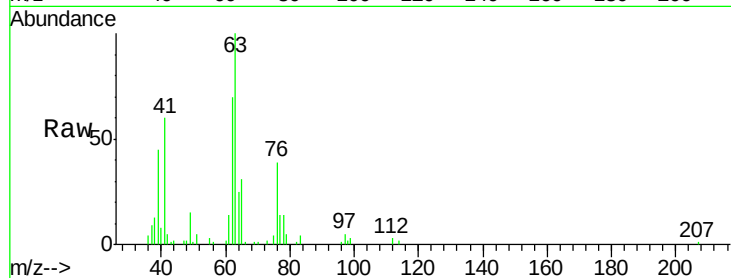
#45
 1,2-Dichloropropane
 Concen: 18.991 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.6	36.8

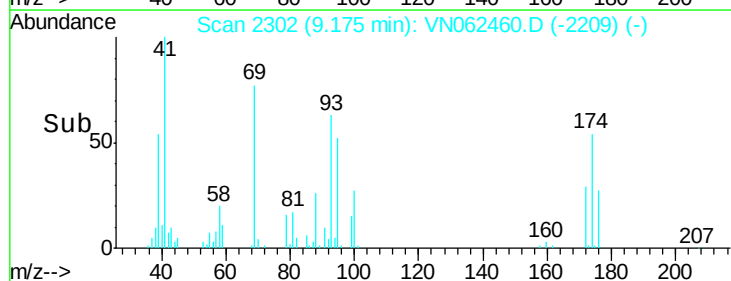
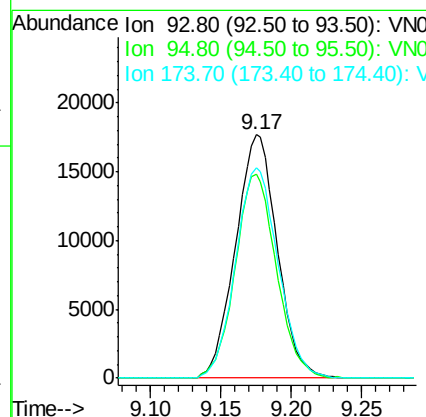
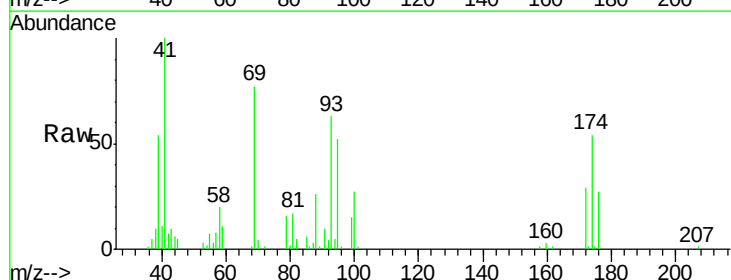
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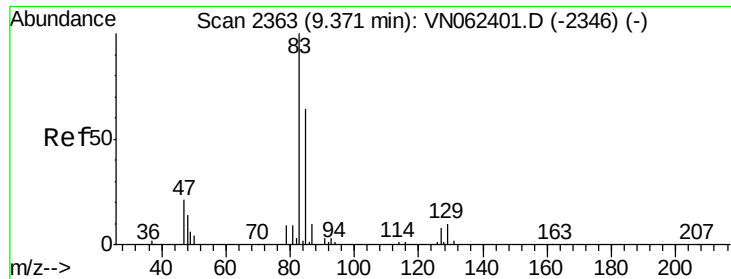
MMDadoda
 7/10/2020 9:23:18 AM



#46
 Dibromomethane
 Concen: 19.890 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.1	100.7
174	88.1	70.4	105.6





#47

Bromodichloromethane

Concen: 19.153 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

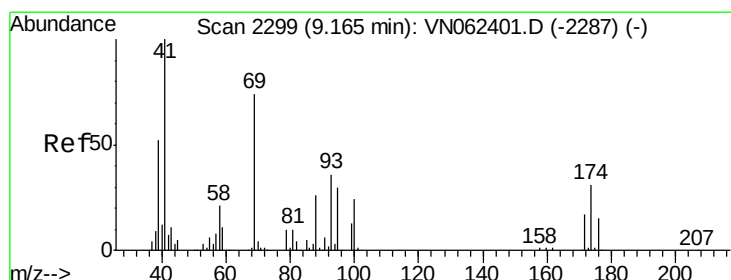
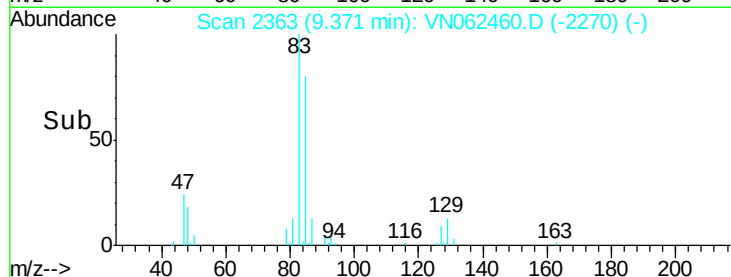
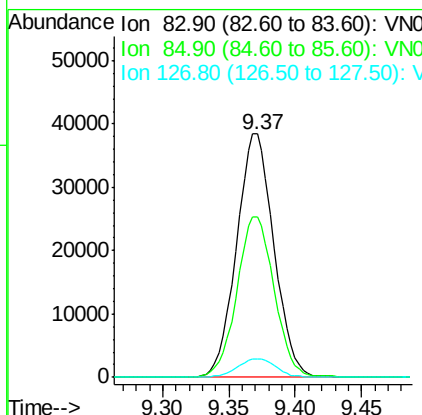
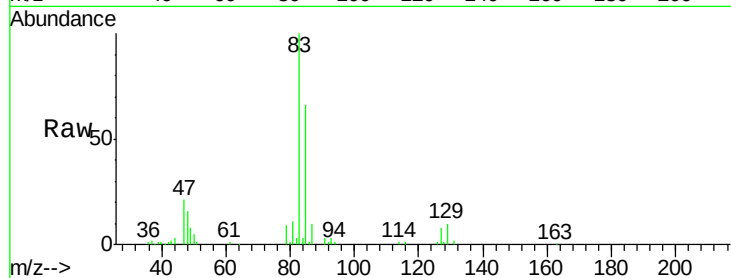
ClientSampleId :

VN0709WBSD02

Tot Ion:	83	Resp:	75227
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.2	76.8
127	7.8	6.2	9.2

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#48

Methyl methacrylate

Concen: 18.991 ug/l

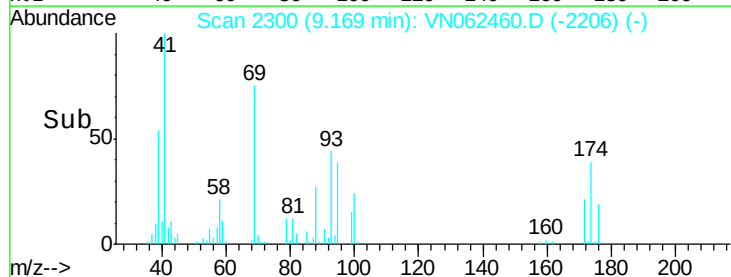
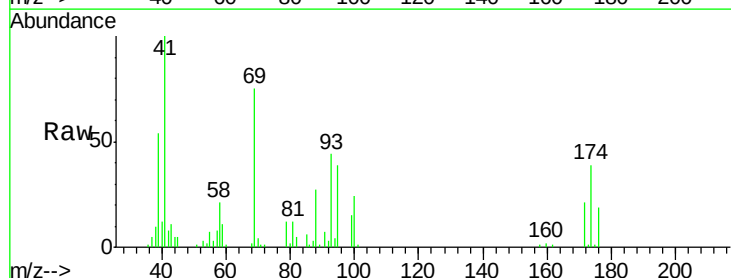
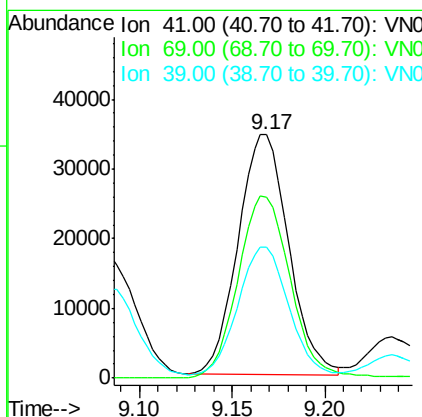
RT: 9.17 min Scan# 2300

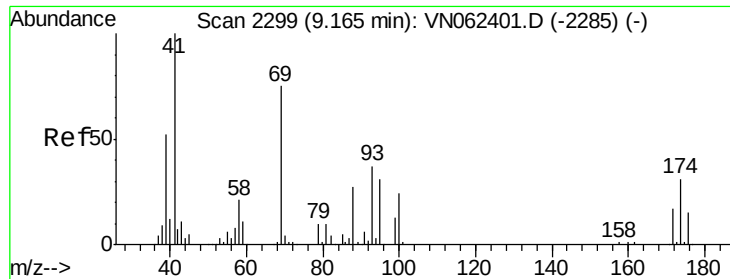
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	41	Resp:	65474
Ion	Ratio	Lower	Upper
41	100		
69	78.8	60.8	91.2
39	56.1	43.5	65.3





#49

1,4-Dioxane

Concen: 400.979 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

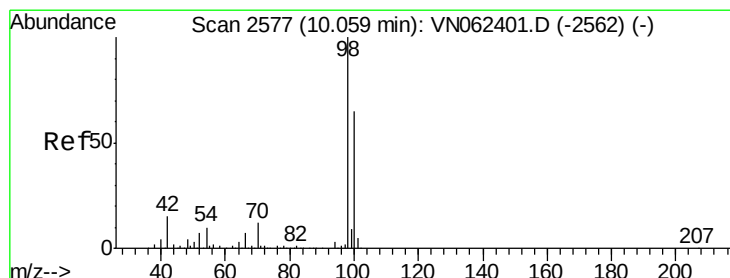
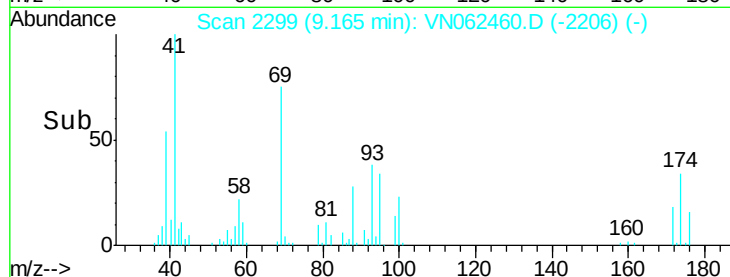
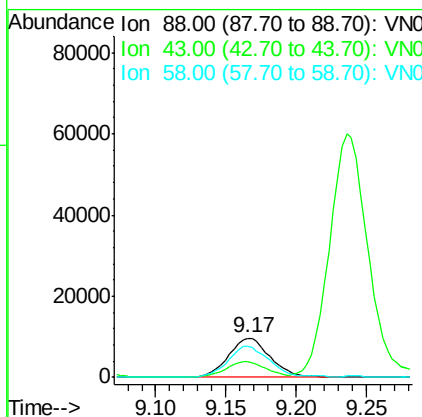
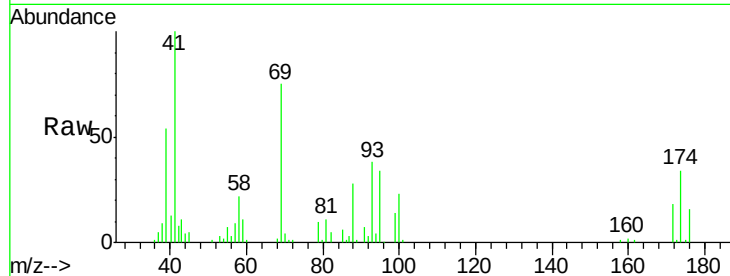
ClientSampleId :

VN0709WBSD02

Tot Ion:	88	Resp:	20122
Ion	Ratio	Lower	Upper
88	100		
43	38.1	31.0	46.4
58	79.5	63.3	94.9

Manual Integrations
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#50

Toluene-d8

Concen: 50.437 ug/l

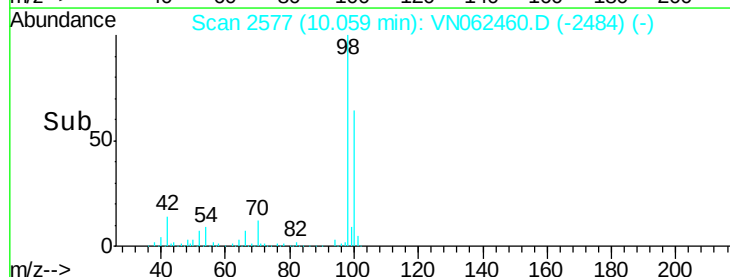
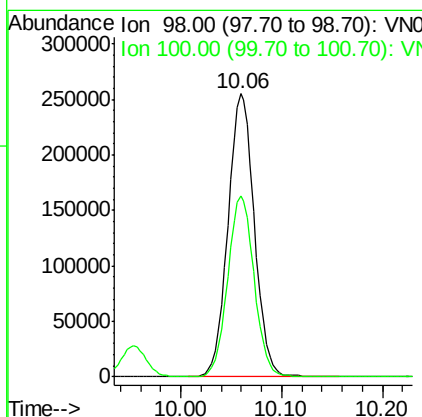
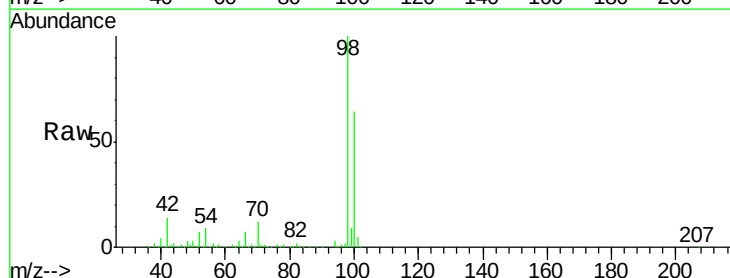
RT: 10.06 min Scan# 2577

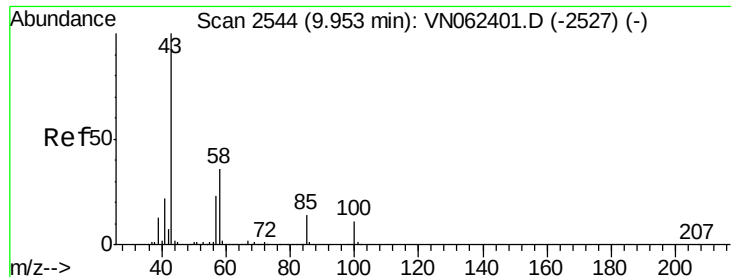
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	98	Resp:	464828
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3





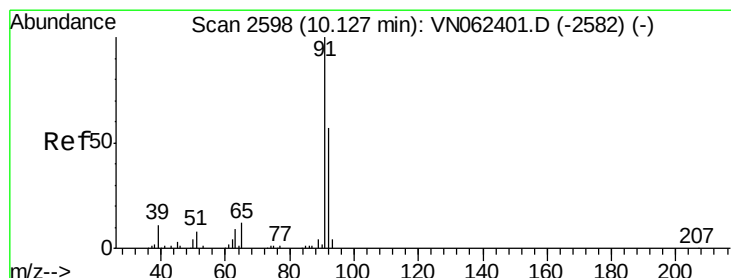
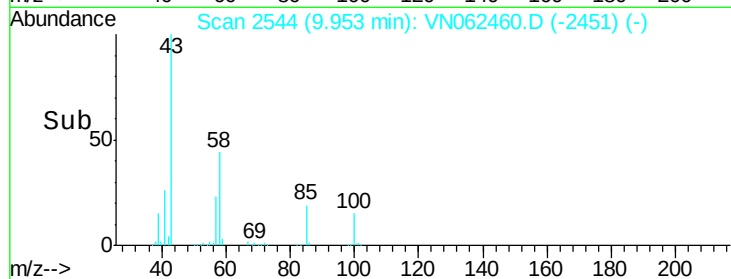
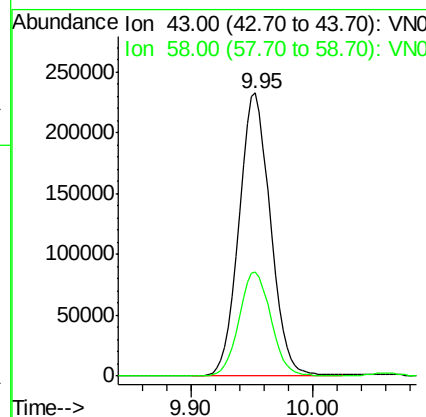
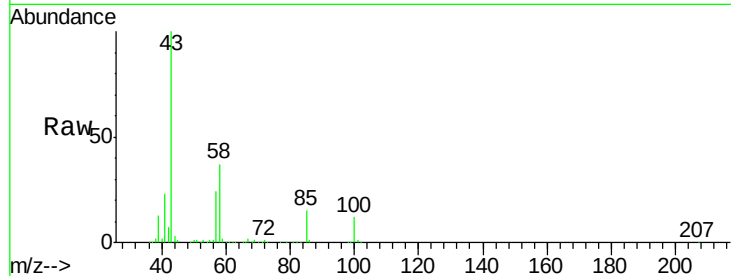
#51
 4-Methyl-2-Pentanone
 Concen: 98.952 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	43	Resp	415401
Ion Ratio	100	Lower	Upper
43	100		
58	37.3	29.0	43.6

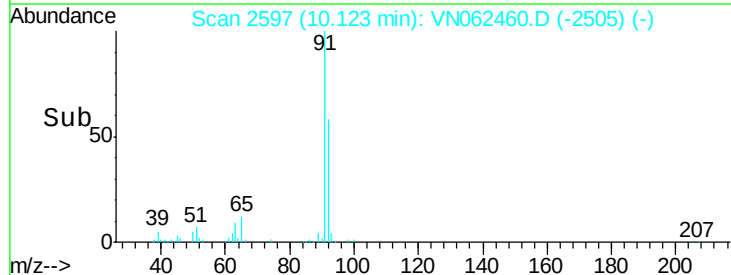
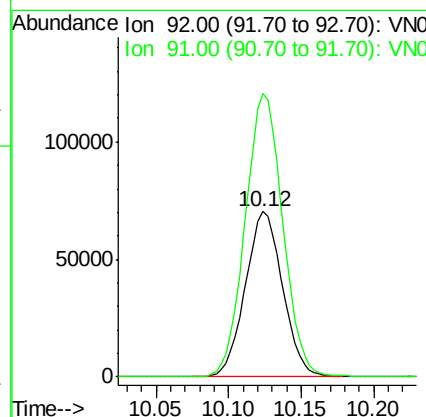
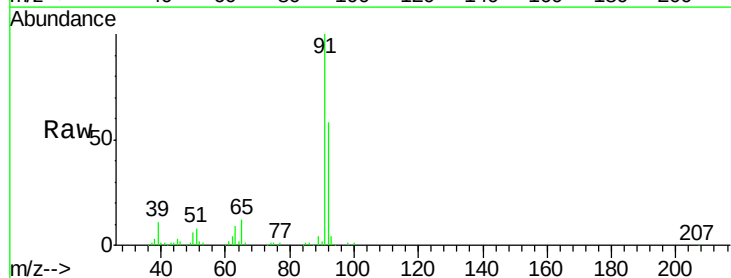
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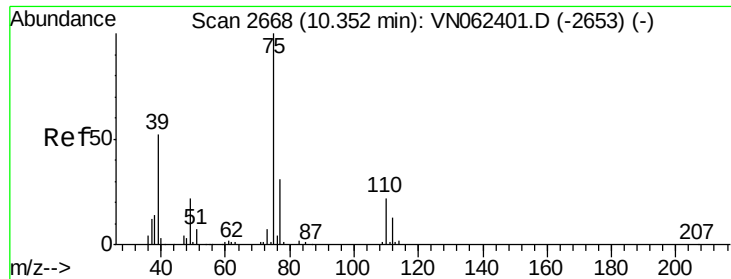
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#52
 Toluene
 Concen: 19.512 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	92	Resp	126391
Ion Ratio	100	Lower	Upper
92	100		
91	172.5	141.0	211.6





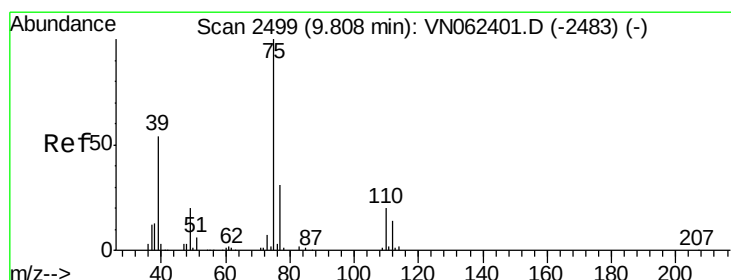
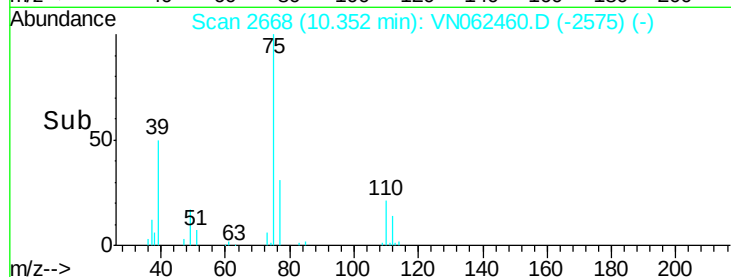
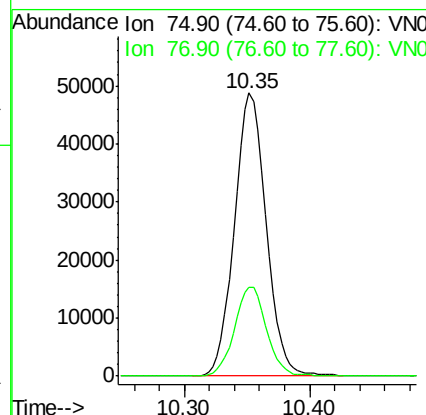
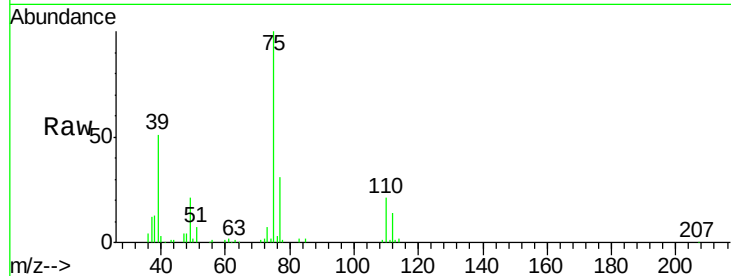
#53
t-1,3-Dichloropropene
Concen: 19.519 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion: 75 Resp: 85892
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

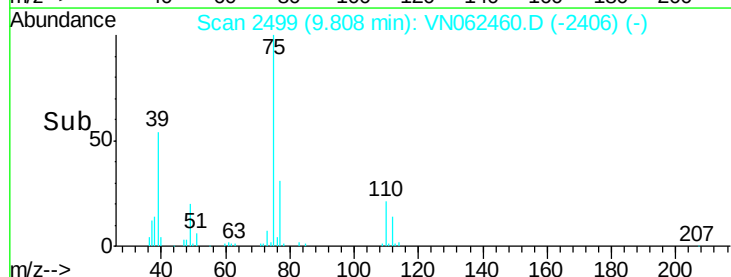
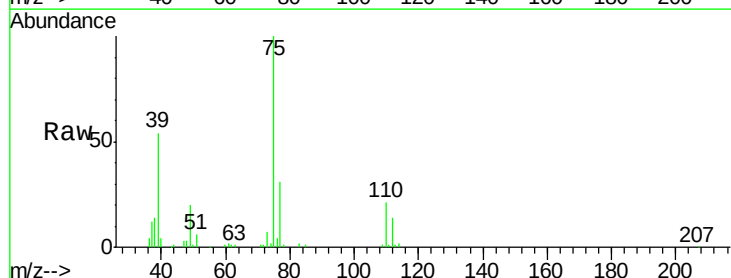
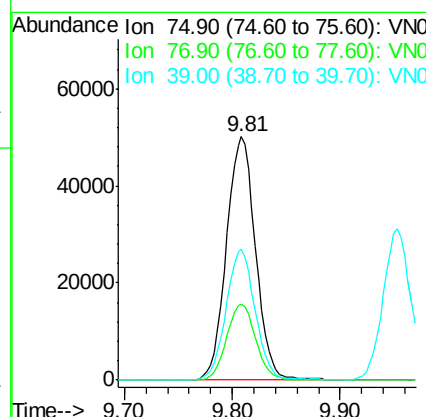
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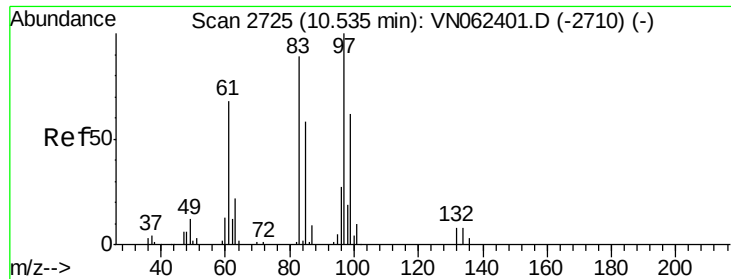
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#54
cis-1,3-Dichloropropene
Concen: 19.377 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion: 75 Resp: 94076
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7
39 53.5 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 20.380 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

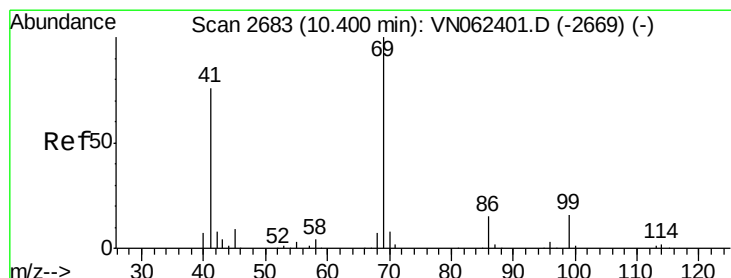
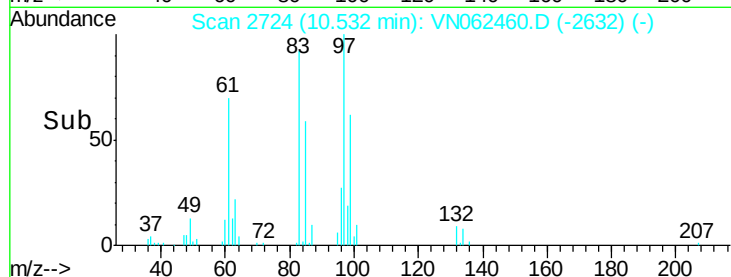
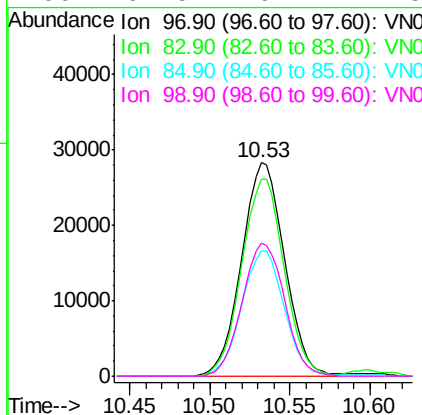
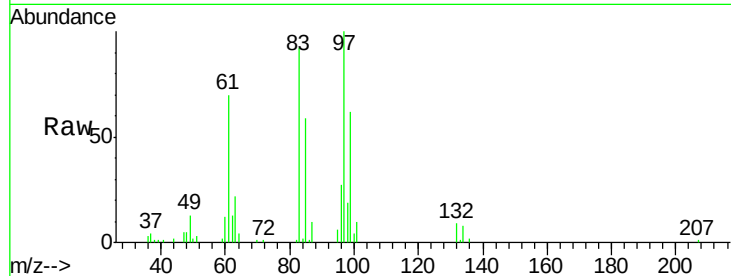
ClientSampleId :

VN0709WBSD02

Tot Ion:	97	Resp:	51921
Ion	Ratio	Lower	Upper
97	100		
83	92.0	71.0	106.4
85	58.6	46.2	69.4
99	62.5	49.7	74.5

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#56

Ethyl methacrylate

Concen: 19.119 ug/l

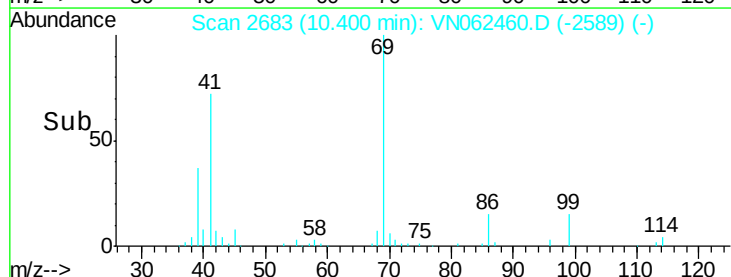
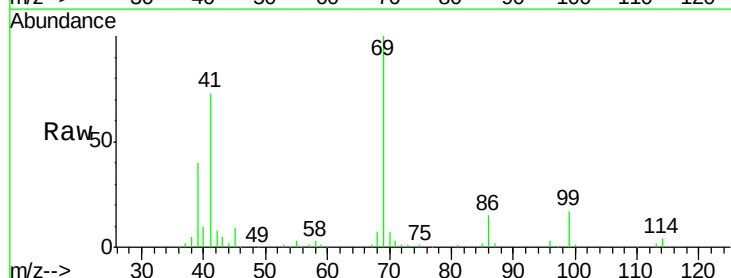
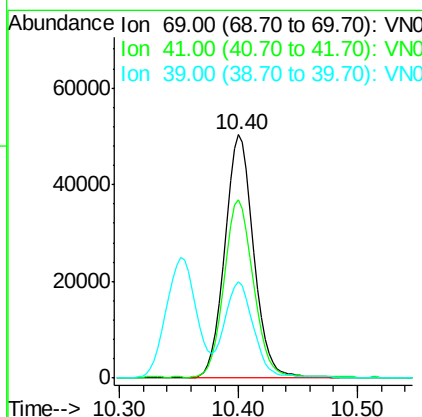
RT: 10.40 min Scan# 2683

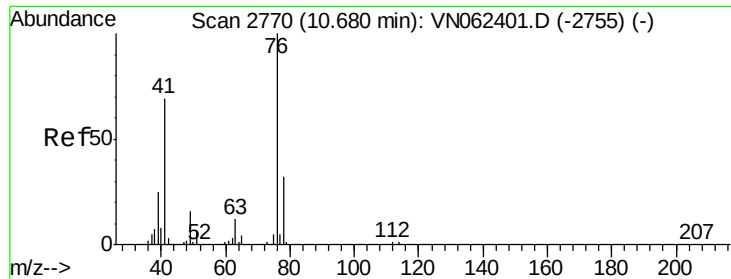
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	69	Resp:	84507
Ion	Ratio	Lower	Upper
69	100		
41	73.9	59.7	89.5
39	39.0	30.6	45.8





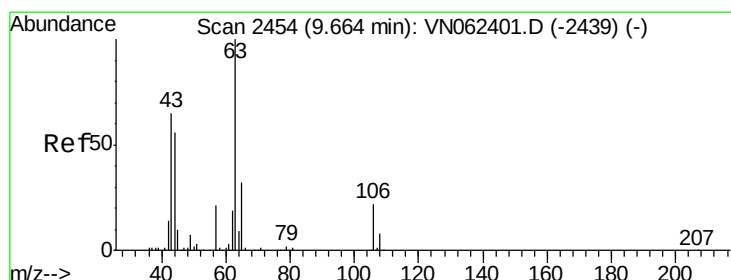
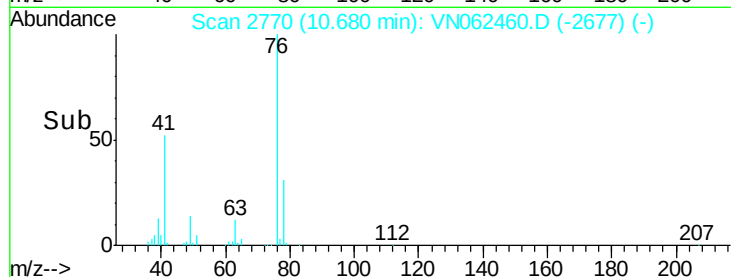
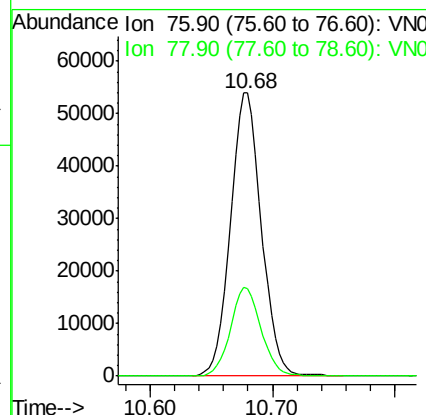
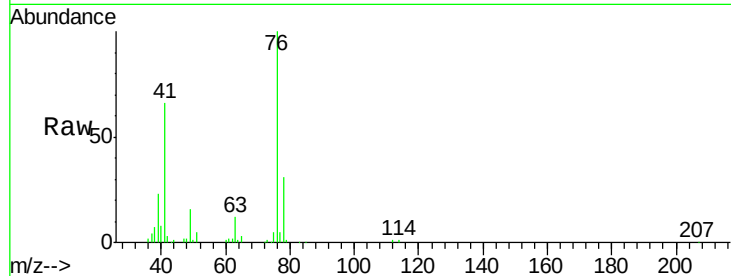
#57
 1,3-Dichloropropane
 Concen: 20.237 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.0	25.6	38.4

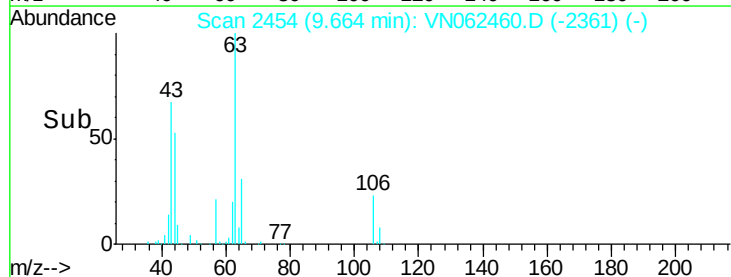
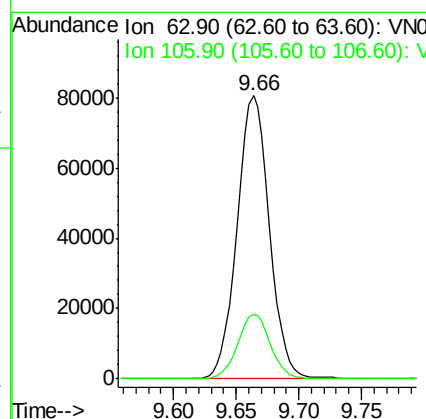
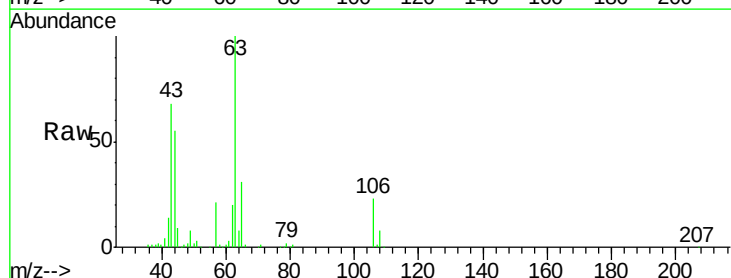
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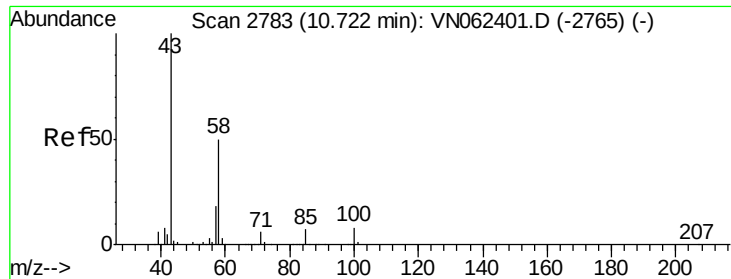
MMDadoda
 7/10/2020 9:23:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.324 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.0	17.6	26.4





#59

2-Hexanone

Concen: 97.933 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 43 Resp: 298466

Ion Ratio Lower Upper

43 100

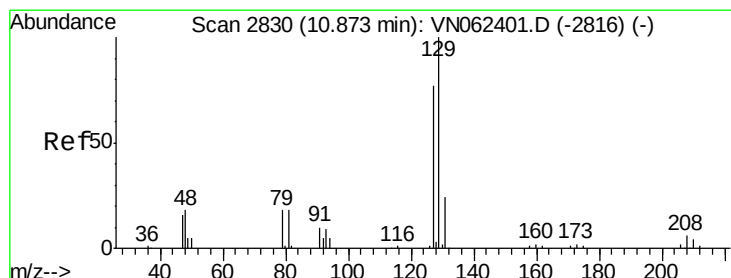
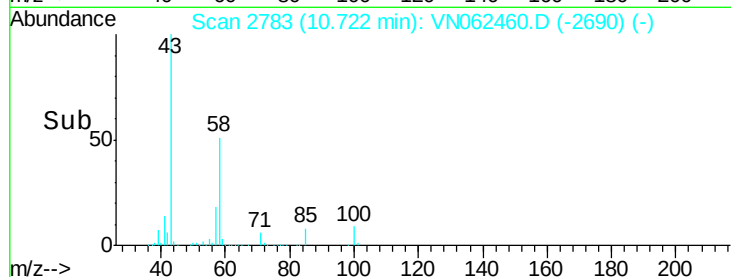
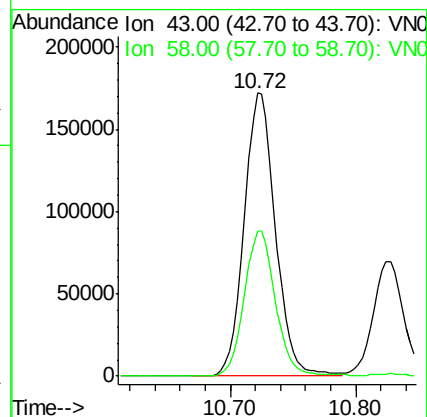
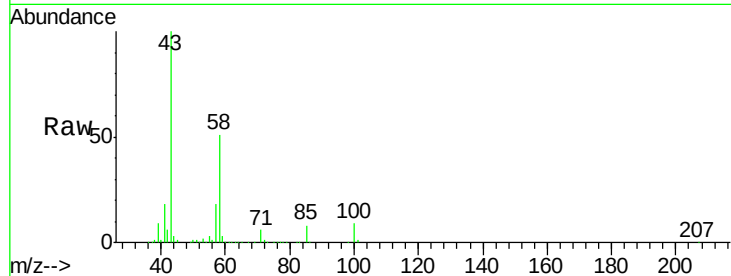
58 51.3 25.1 75.2

Manual Integrations

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#60

Dibromochloromethane

Concen: 20.078 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN062460.D

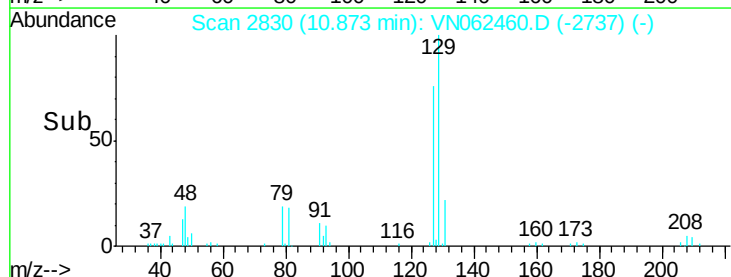
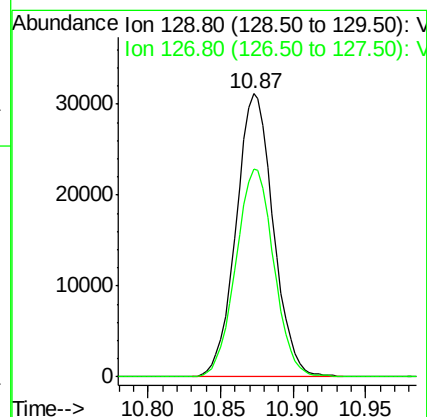
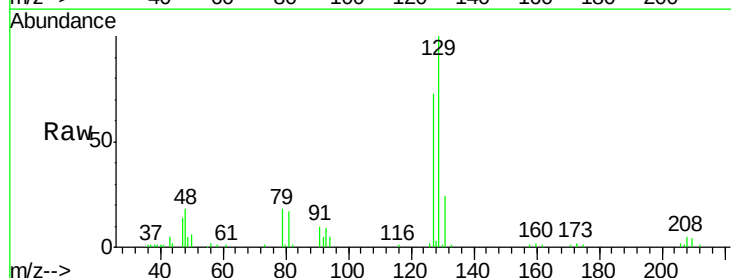
Acq: 9 Jul 2020 17:24

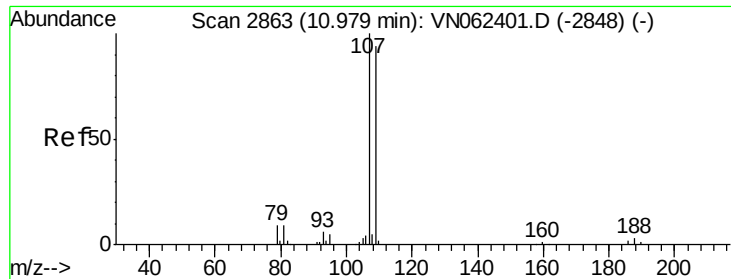
Tgt Ion: 129 Resp: 55461

Ion Ratio Lower Upper

129 100

127 75.1 38.6 115.8





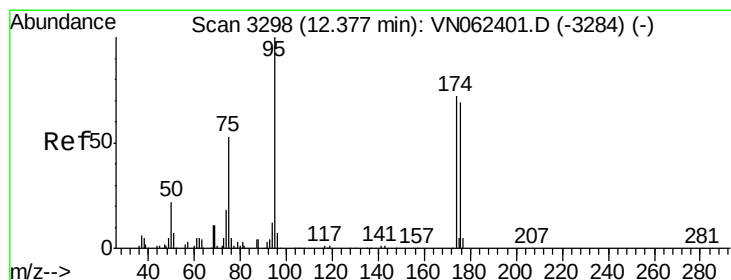
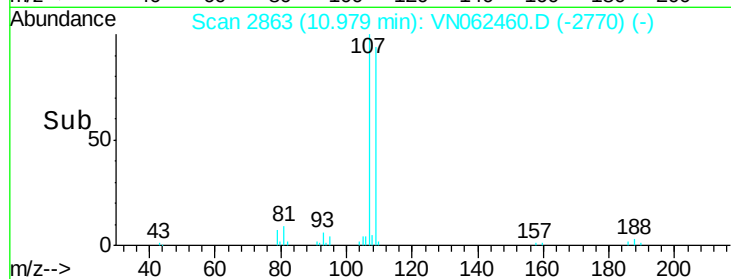
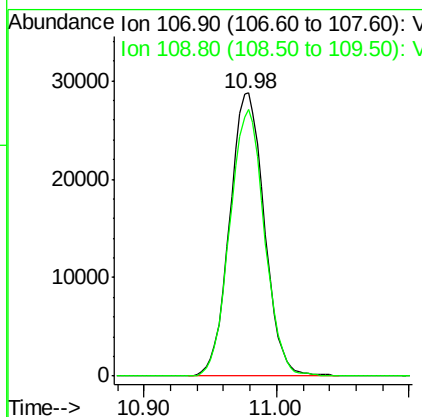
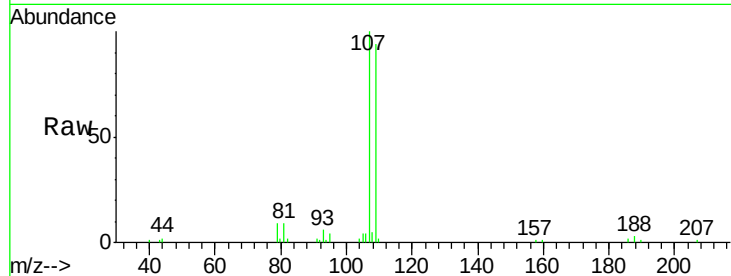
#61
 1,2-Dibromoethane
 Concen: 20.318 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion:107 Resp: 52253
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.6 113.4

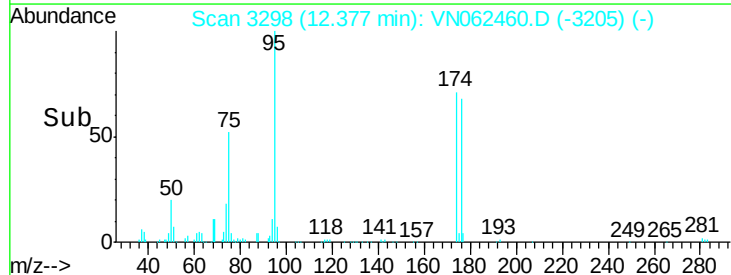
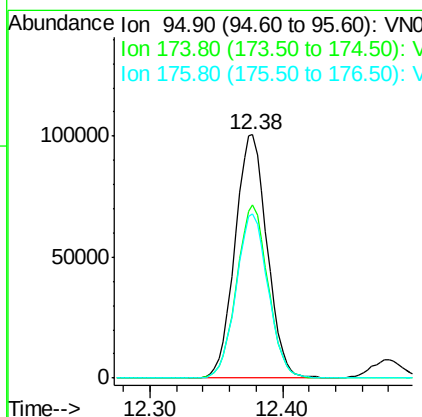
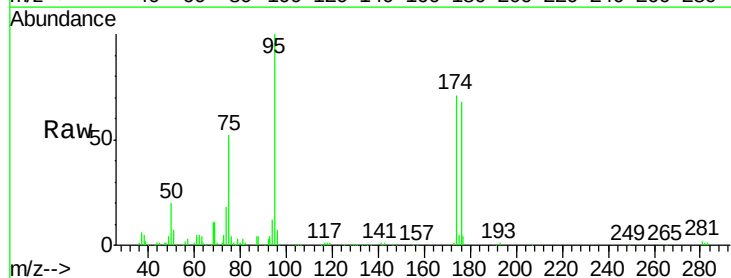
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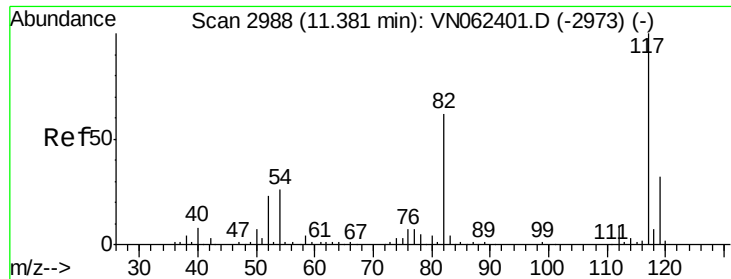
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.209 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion: 95 Resp: 169095
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 141.6
 176 67.4 0.0 137.2





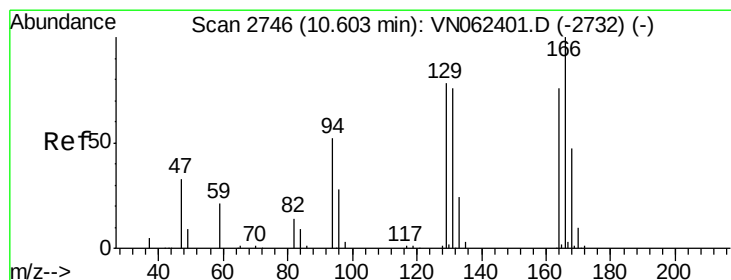
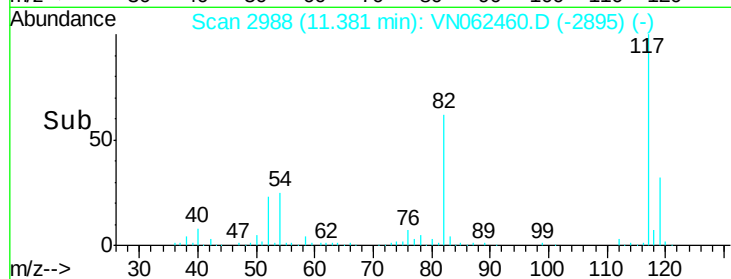
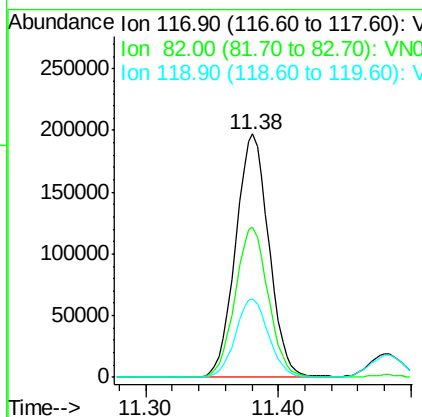
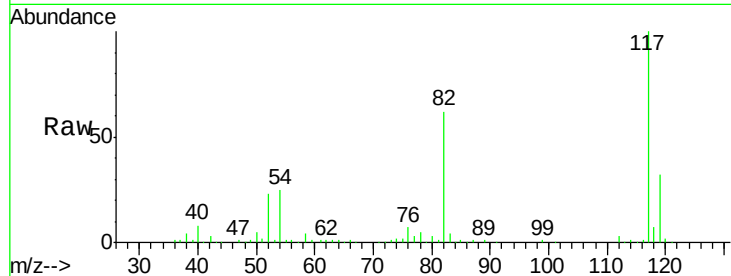
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampled :
VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.6	74.4
119	32.4	25.4	38.0

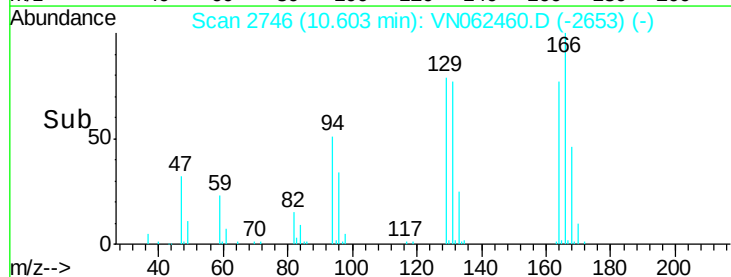
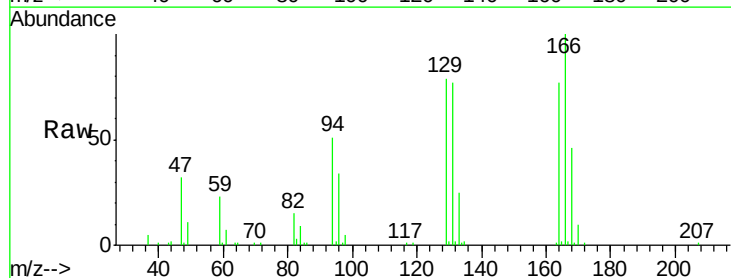
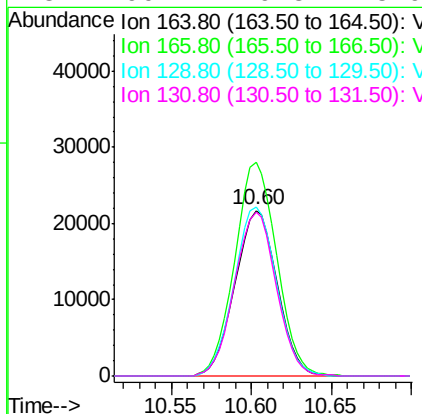
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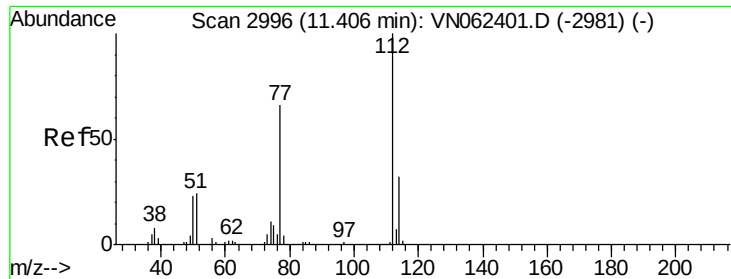
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#64
Tetrachloroethene
Concen: 19.115 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	104.9	157.3
129	102.4	81.8	122.6
131	99.2	79.3	118.9





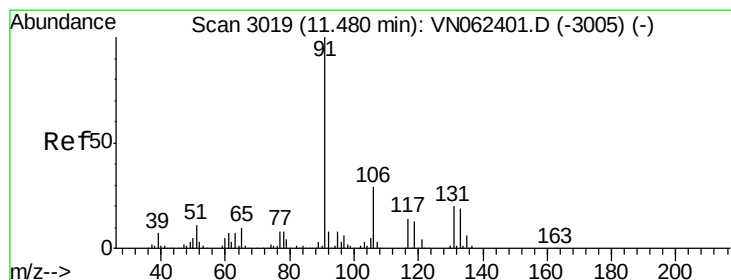
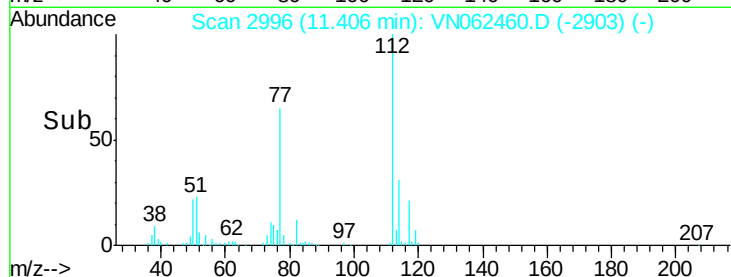
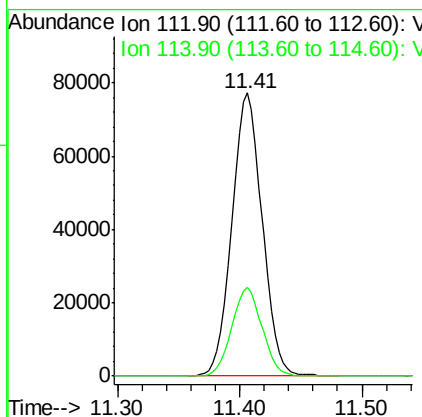
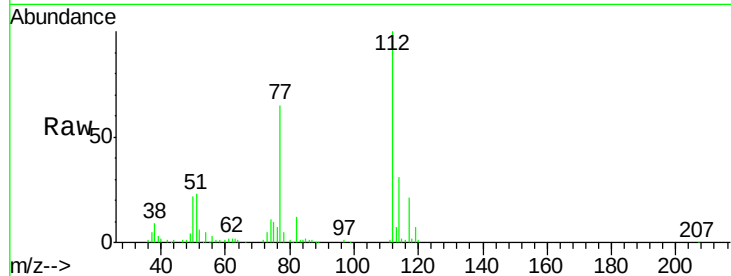
#65
Chlorobenzene
Concen: 19.935 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion:112 Resp: 133024
Ion Ratio Lower Upper
112 100
114 31.2 25.9 38.9

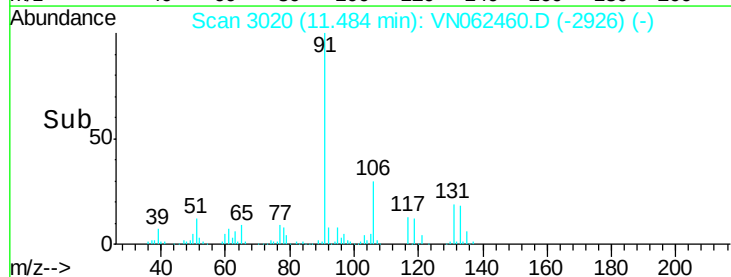
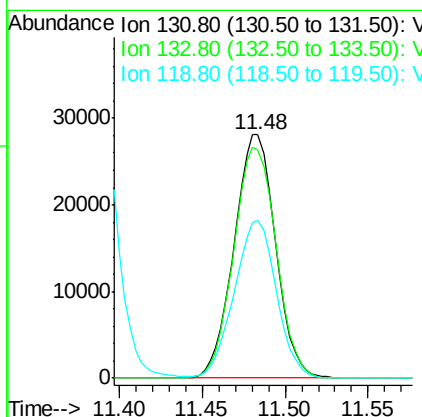
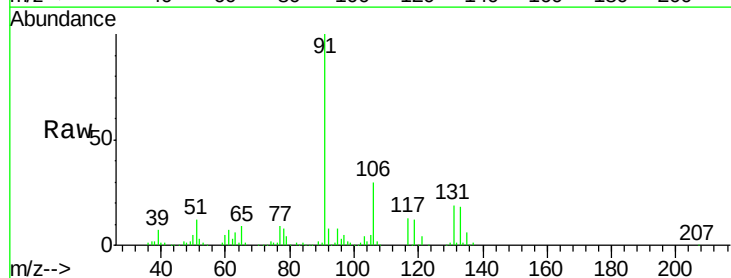
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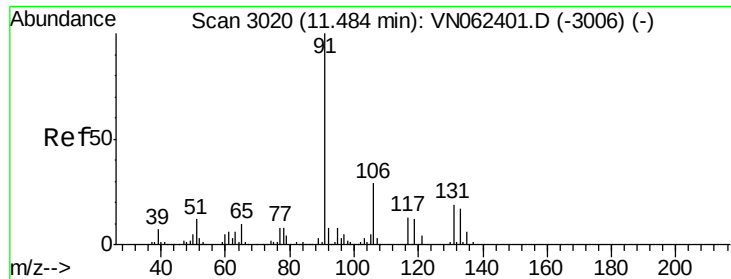
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.880 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion:131 Resp: 48920
Ion Ratio Lower Upper
131 100
133 97.1 46.9 140.8
119 65.8 33.2 99.6





#67

Ethyl Benzene

Concen: 19.292 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 91 Resp: 241643

Ion Ratio Lower Upper

91 100

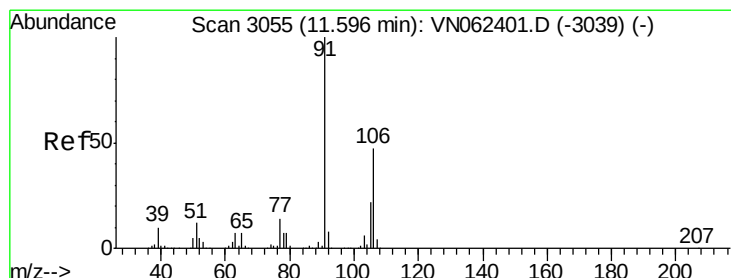
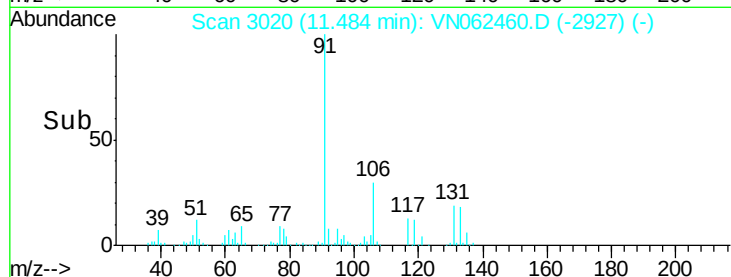
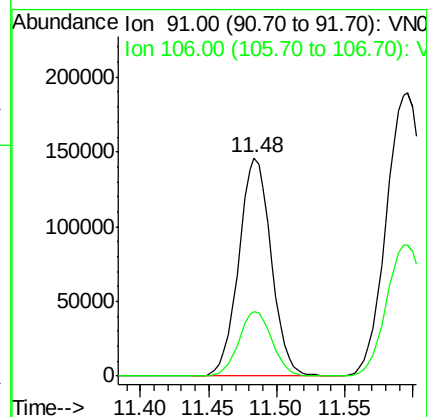
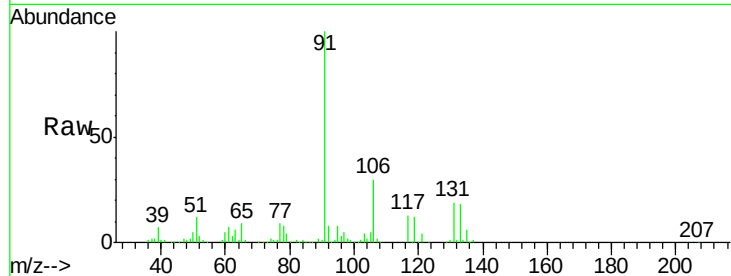
106 29.8 23.4 35.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.180 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062460.D

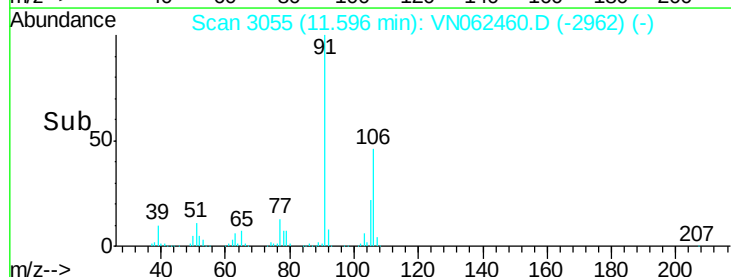
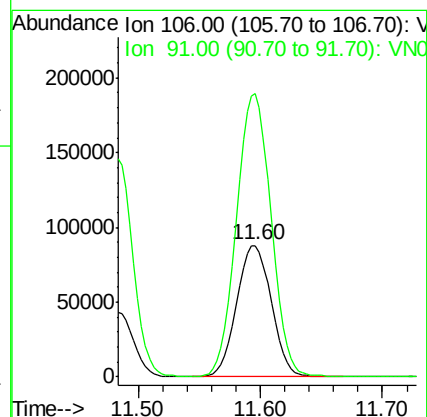
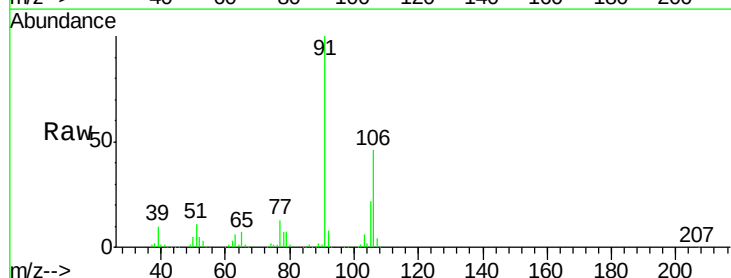
Acq: 9 Jul 2020 17:24

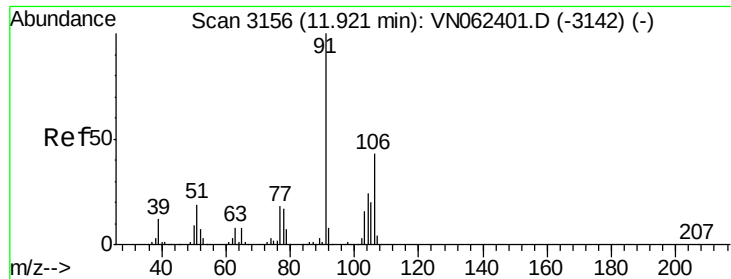
Tgt Ion: 106 Resp: 173732

Ion Ratio Lower Upper

106 100

91 213.9 172.4 258.6





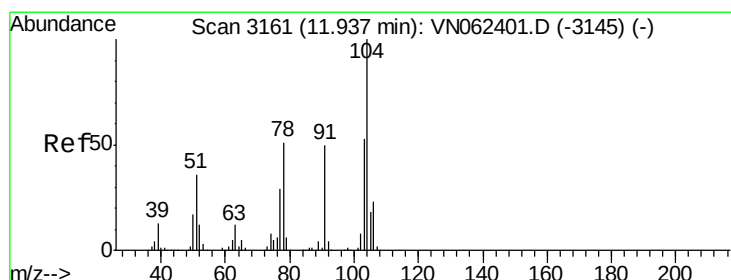
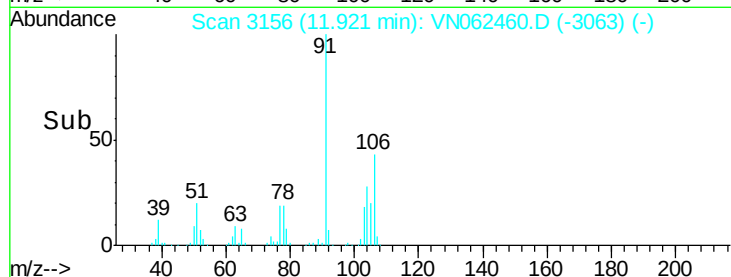
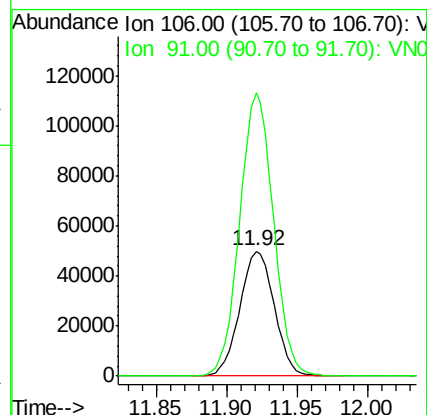
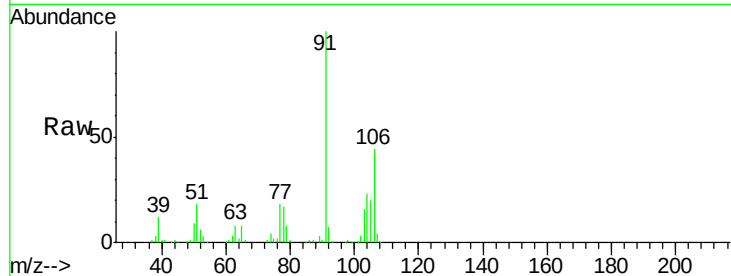
#69
o-Xylene
Concen: 19.912 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		85967		
91	221.8	113.8	341.4		

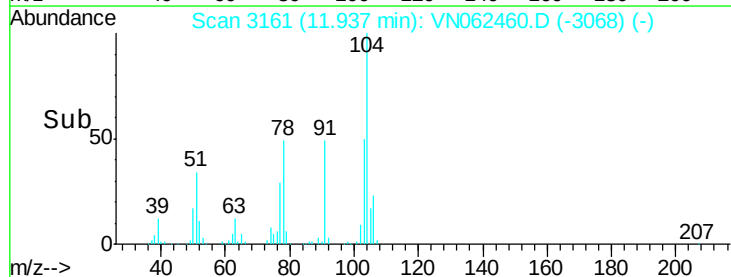
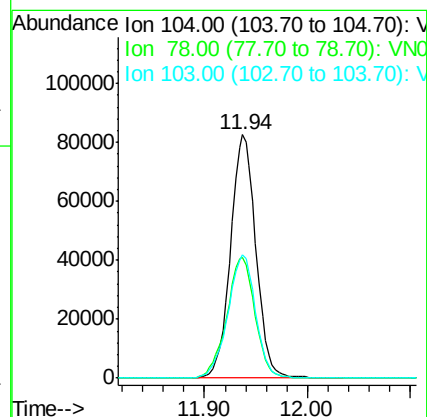
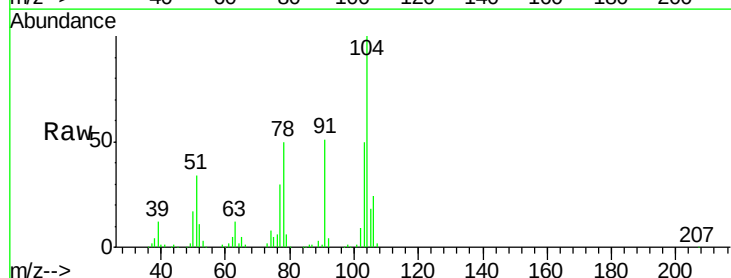
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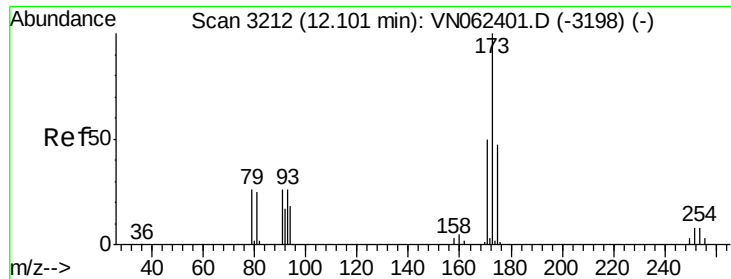
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#70
Styrene
Concen: 19.855 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		141673		
78	55.3	44.2	66.4		
103	55.4	44.4	66.6		





#71

Bromoform

Concen: 20.228 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

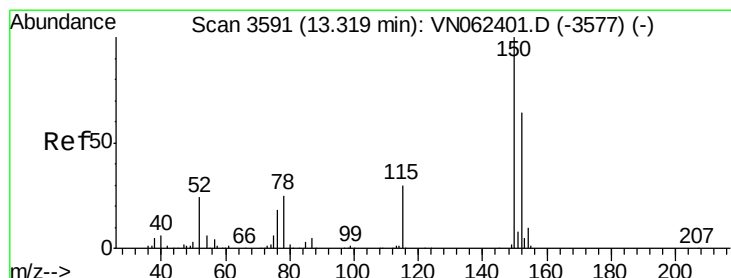
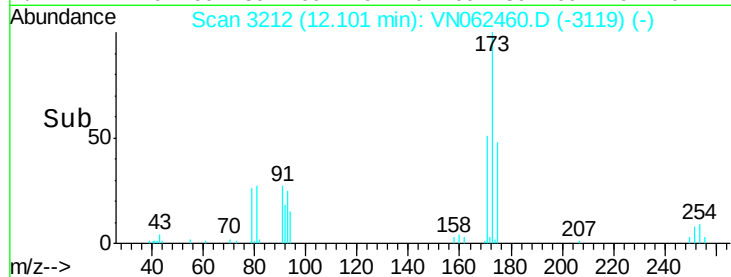
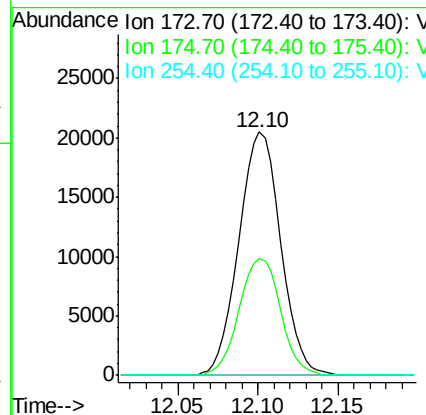
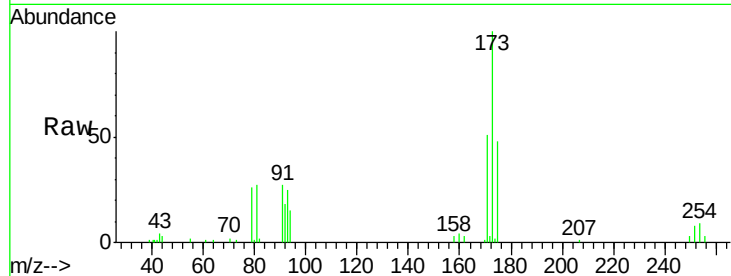
ClientSampleId :

VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.7	71.1
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

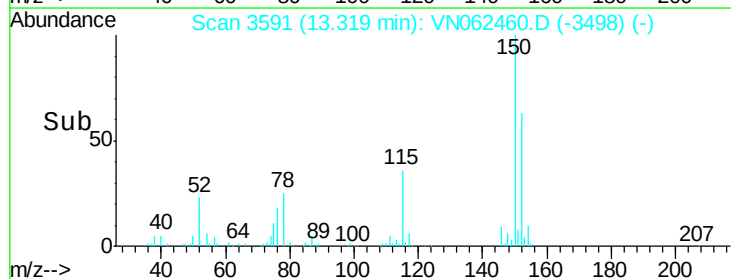
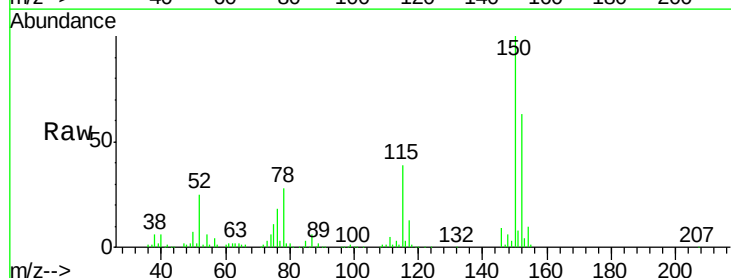
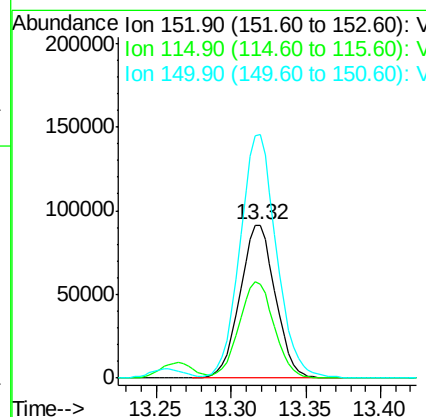
RT: 13.32 min Scan# 3591

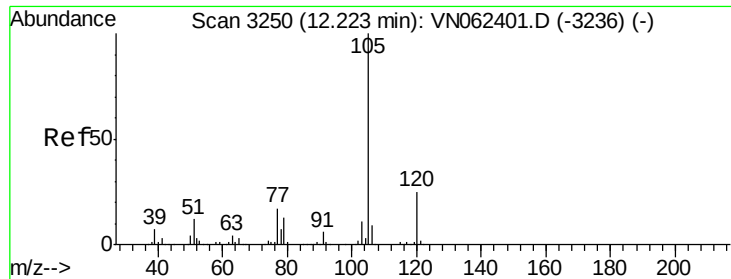
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.4	94.2
150	163.7	0.0	347.4





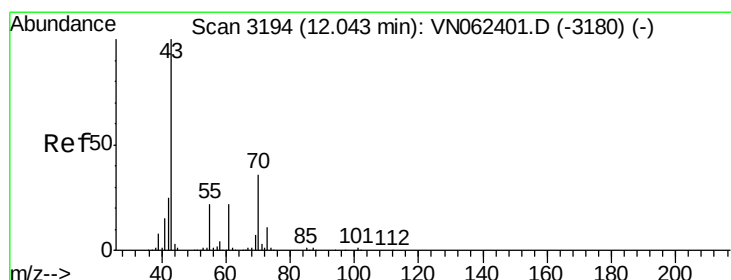
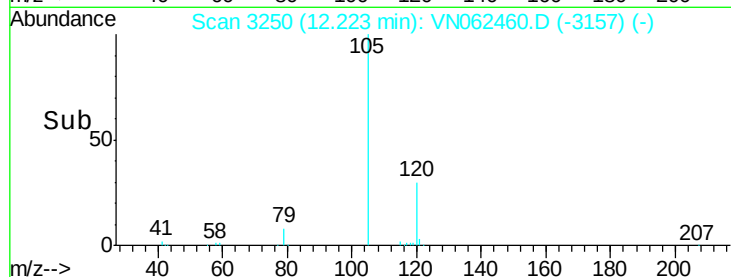
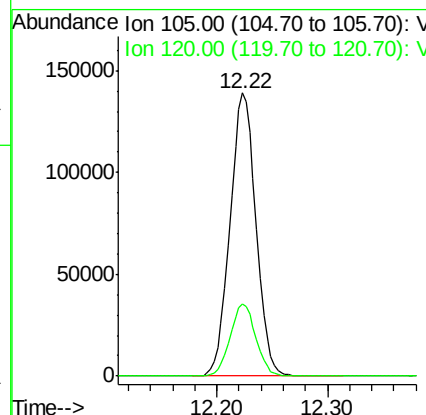
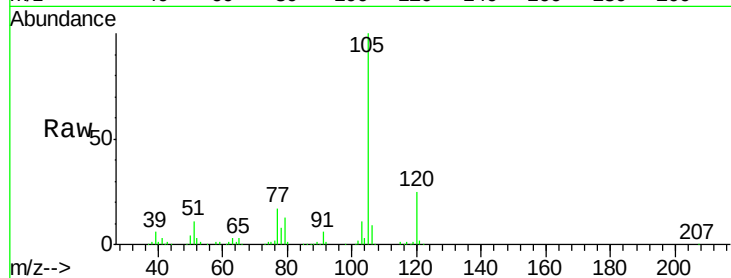
#73
Isopropylbenzene
Concen: 19.494 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.1	12.7	38.1

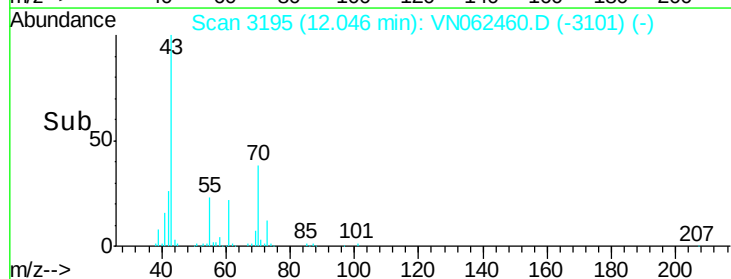
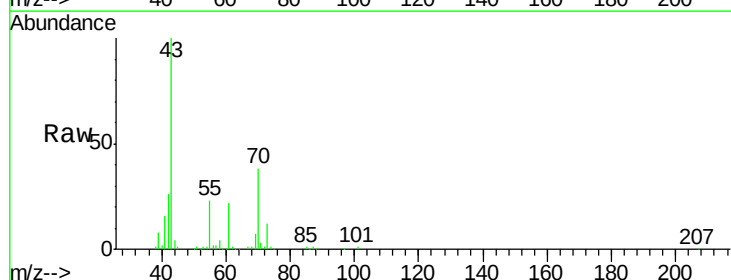
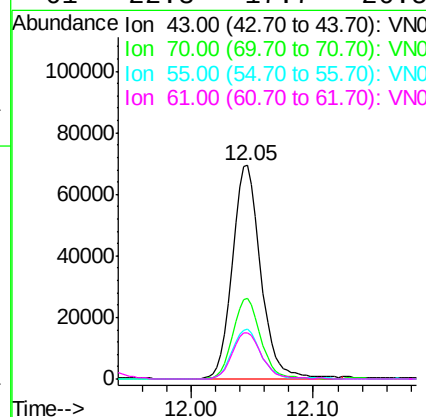
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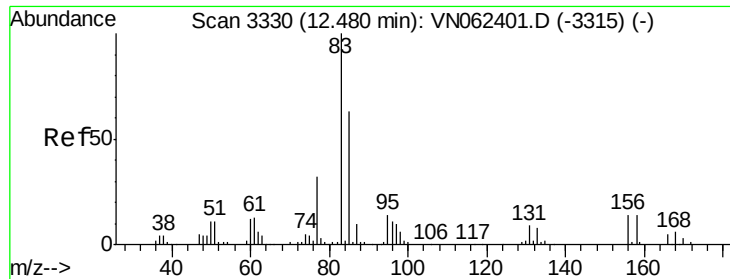
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#74
N-ethyl acetate
Concen: 20.113 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.1	30.0	45.0
55	23.9	18.2	27.4
61	22.3	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.262 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

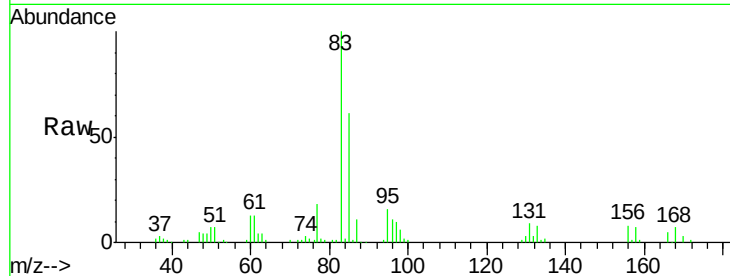
ClientSampleId :

VN0709WBSD02

Tot Ion:	83	Resp:	79202
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.5	13.5
85	63.5	31.9	95.9

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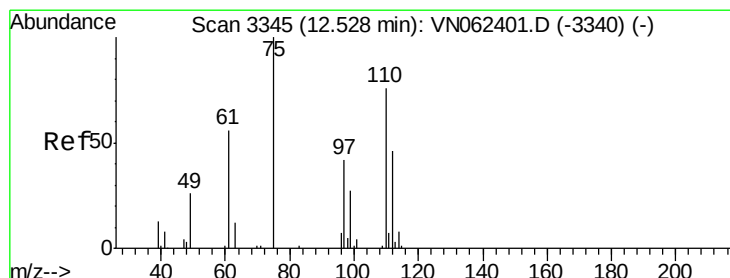
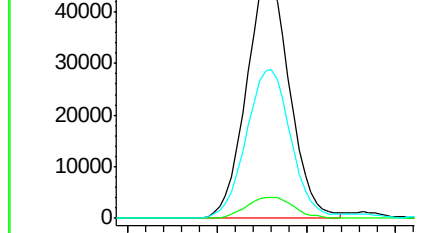
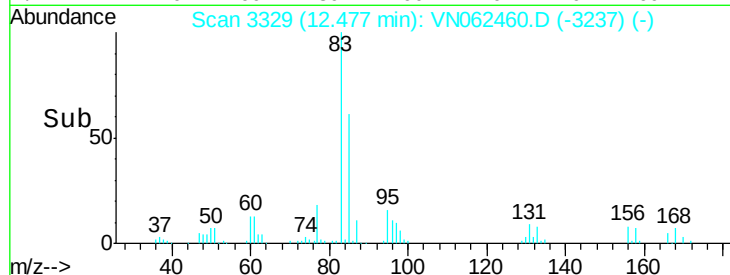


Abundance Ion 82.90 (82.60 to 83.60): VN062460.D (-3329) (-)

Ion 130.80 (130.50 to 131.50): VN062460.D (-3329) (-)

Ion 84.90 (84.60 to 85.60): VN062460.D (-3329) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 20.355 ug/l m

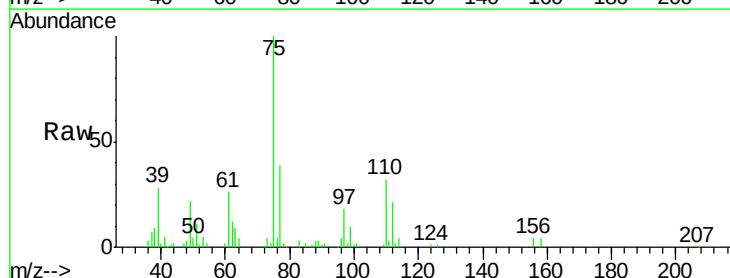
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

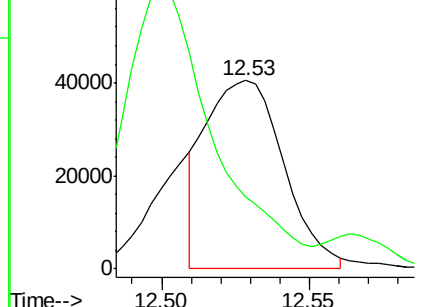
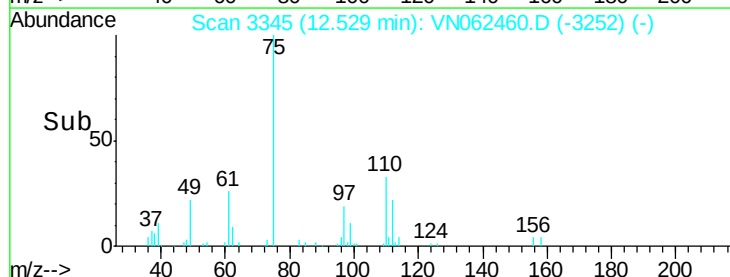
Tgt Ion:	75	Resp:	75031
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

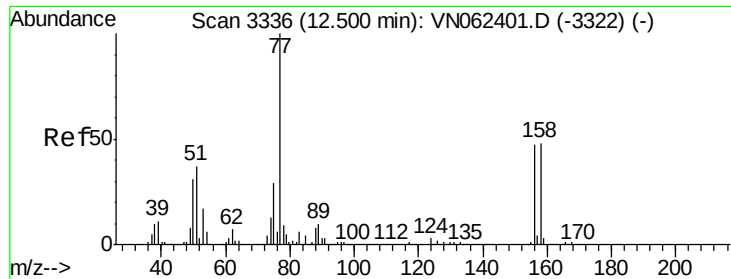


Abundance Ion 74.90 (74.60 to 75.60): VN062460.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062460.D (-3345) (-)

Time-->





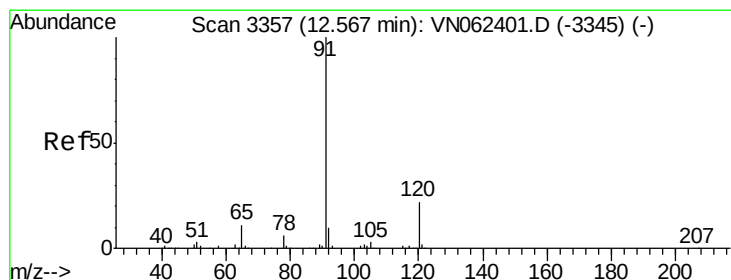
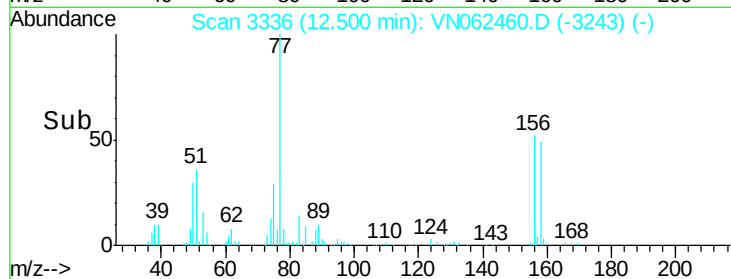
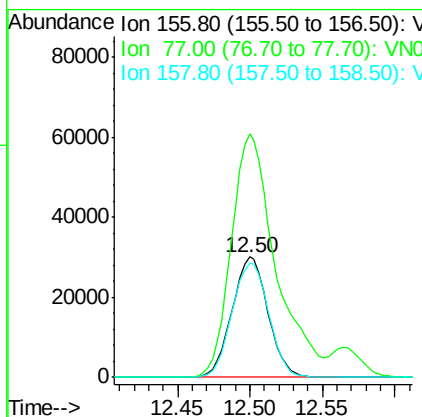
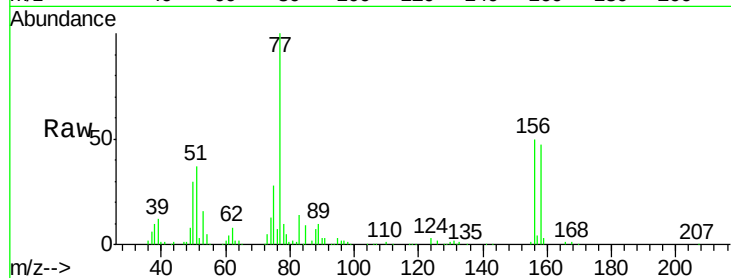
#77
Bromobenzene
Concen: 19.579 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	249.8	126.4	379.3
158	97.4	49.8	149.4

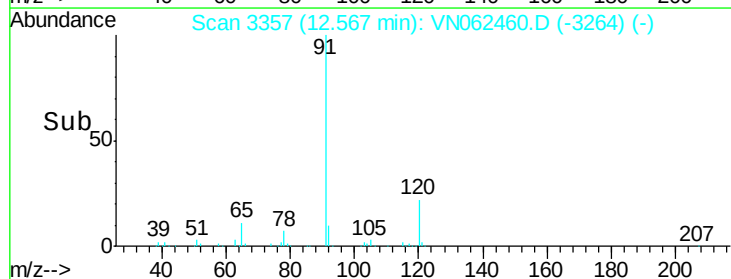
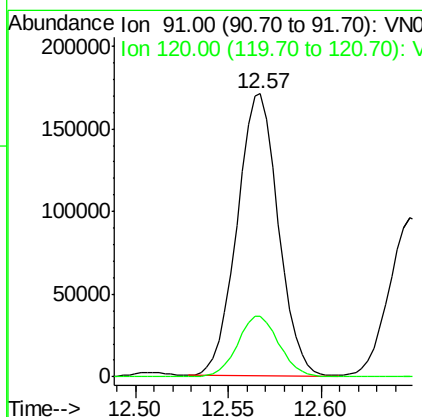
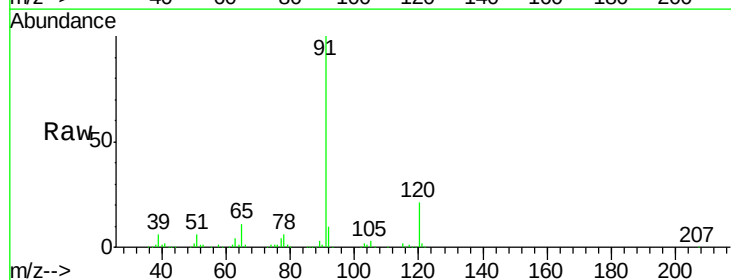
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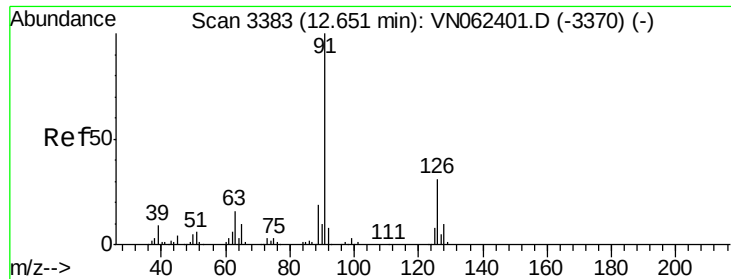
MMDadoda
7/10/2020 9:23:18 AM



#78
n-propylbenzene
Concen: 19.418 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.7	32.1





#79

2-Chlorotoluene

Concen: 19.590 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion: 91 Resp: 161452

Ion Ratio Lower Upper

91 100

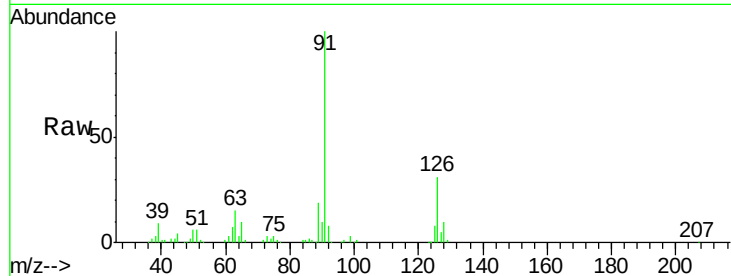
126 31.3 15.6 46.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)

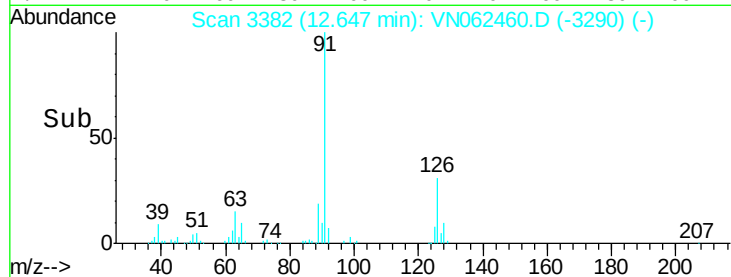
150000

100000

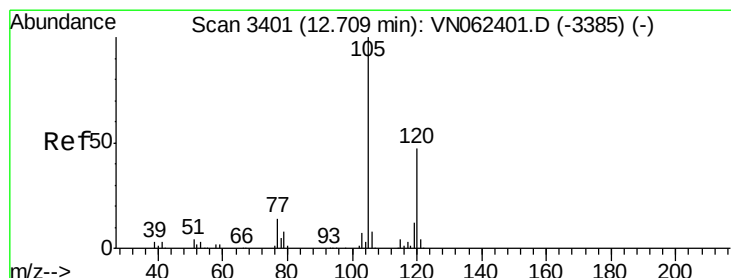
50000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.094 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062460.D

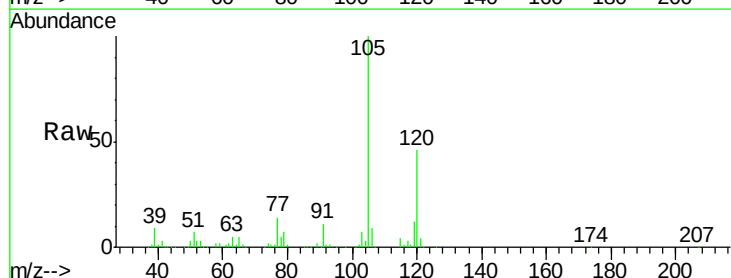
Acq: 9 Jul 2020 17:24

Tgt Ion:105 Resp: 191495

Ion Ratio Lower Upper

105 100

120 45.8 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)

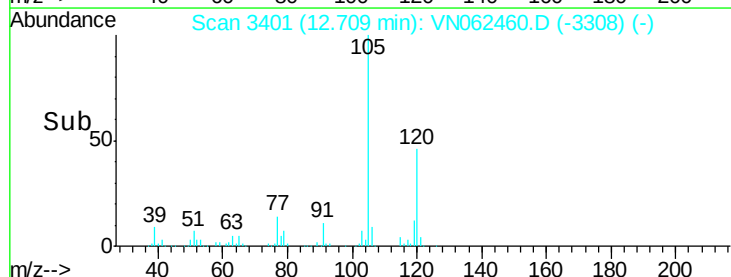
Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)

100000

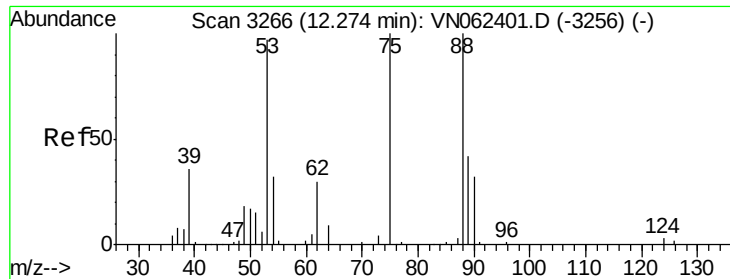
50000

0

12.60 12.70 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 17.871 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

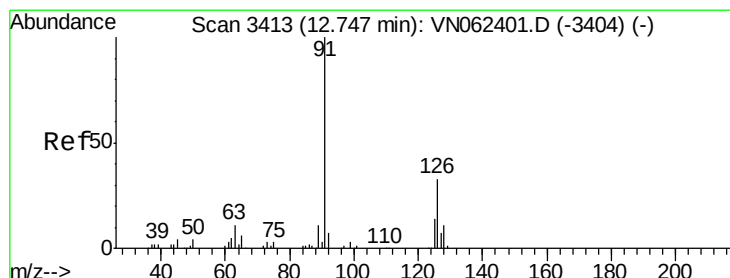
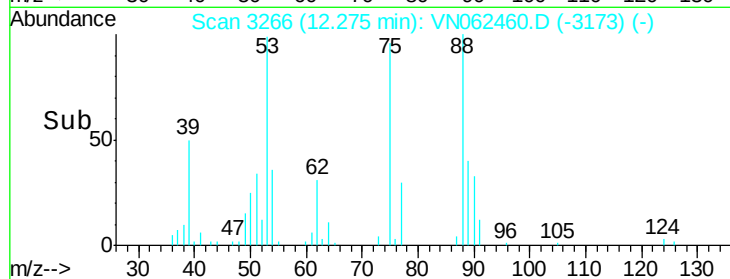
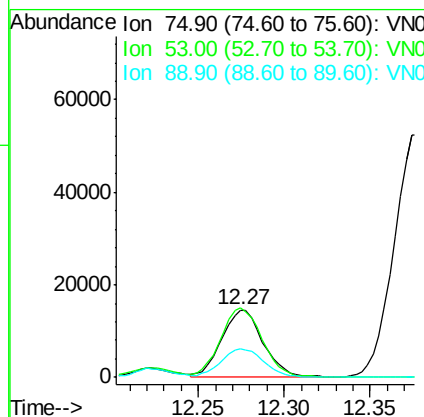
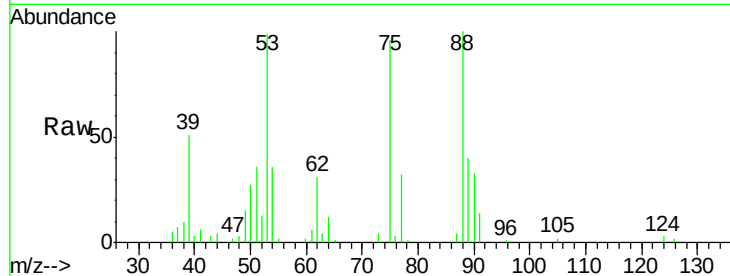
ClientSampled :

VN0709WBSD02

Tot Ion:	75	Resp:	24612
Ion	Ratio	Lower	Upper
75	100		
53	100.2	79.2	118.8
89	43.8	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.695 ug/l

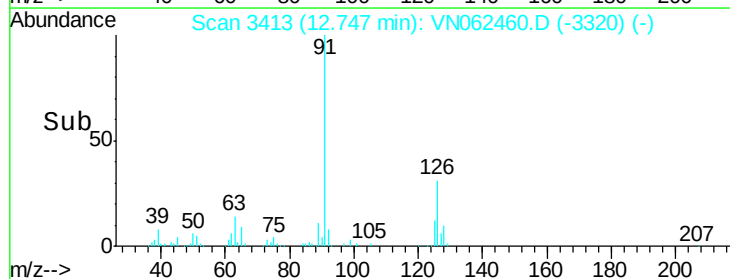
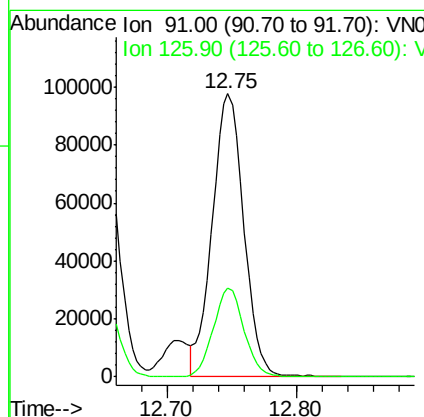
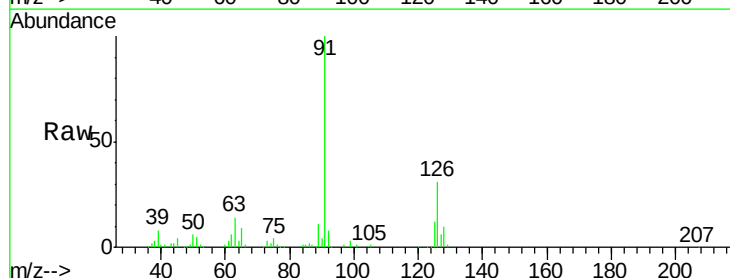
RT: 12.75 min Scan# 3413

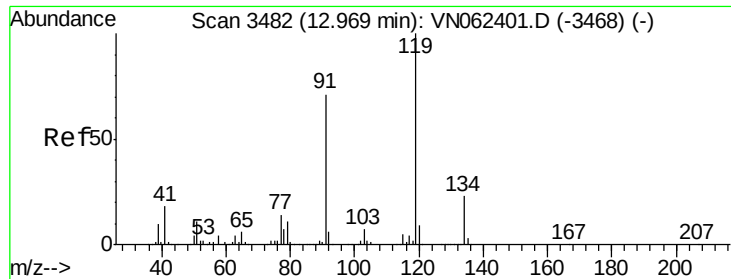
Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	91	Resp:	164792
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.2	45.6





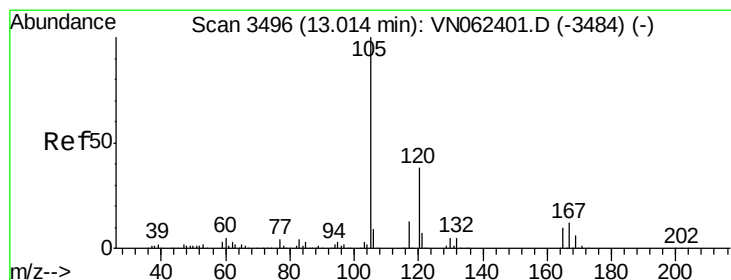
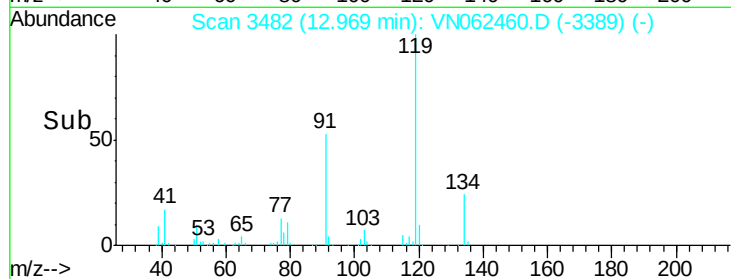
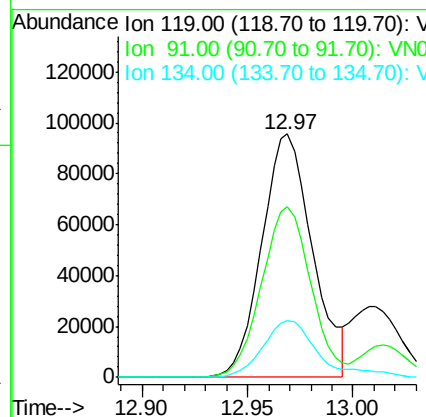
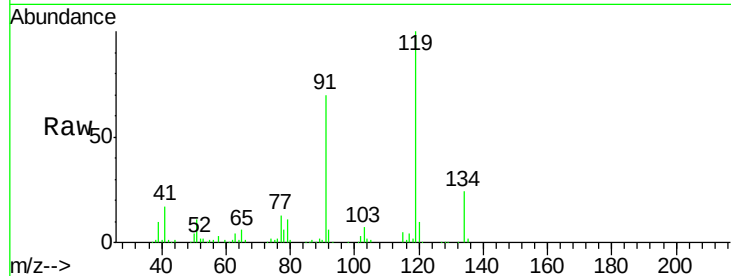
#83
 tert-Butylbenzene
 Concen: 19.729 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	159555		
91	68.8	34.8	104.3	
134	25.6	11.7	35.0	

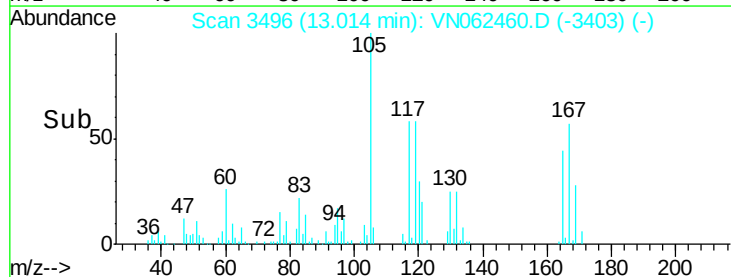
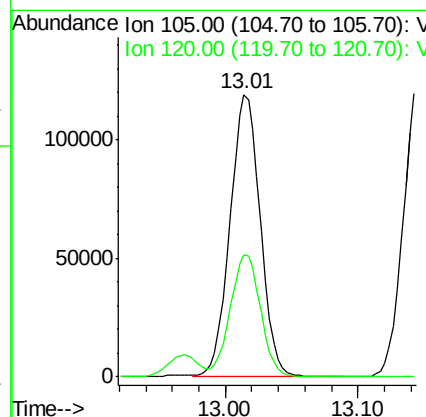
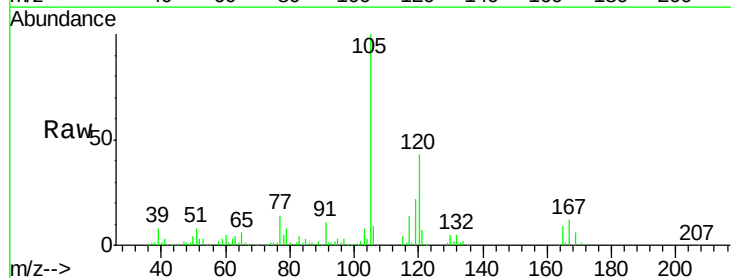
Manual Integrations
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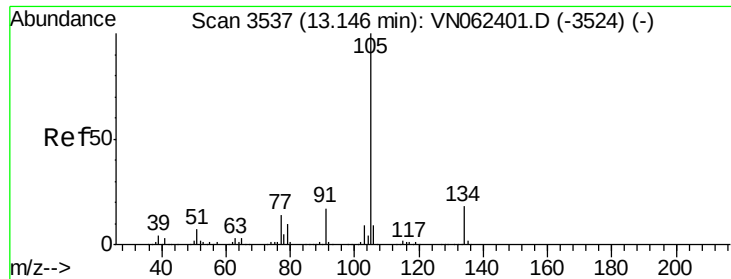
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.839 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	187925		
120	43.8	21.6	64.8	





#85

sec-Butylbenzene

Concen: 19.692 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tot Ion:105 Resp: 211037

Ion Ratio Lower Upper

105 100

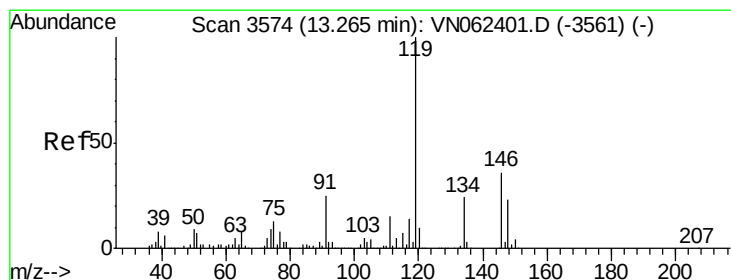
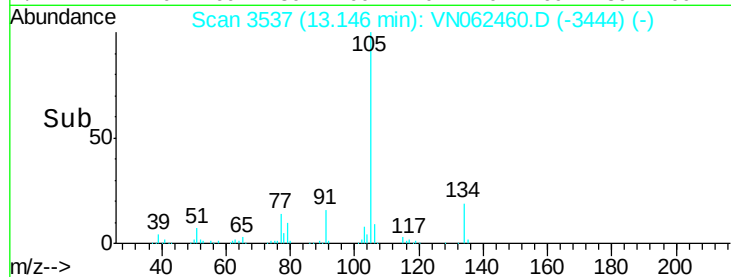
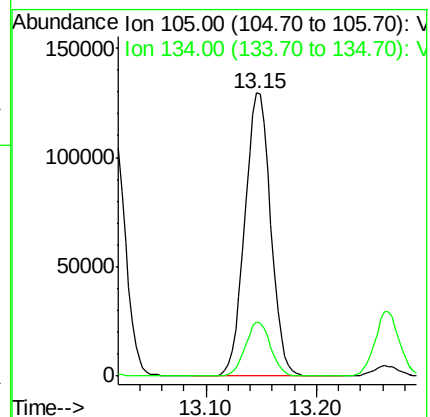
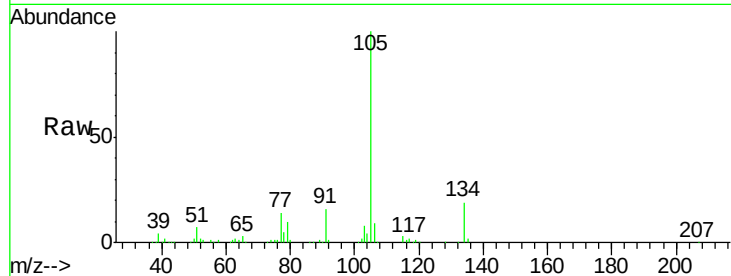
134 18.5 9.3 28.0

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#86

p-Isopropyltoluene

Concen: 19.827 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

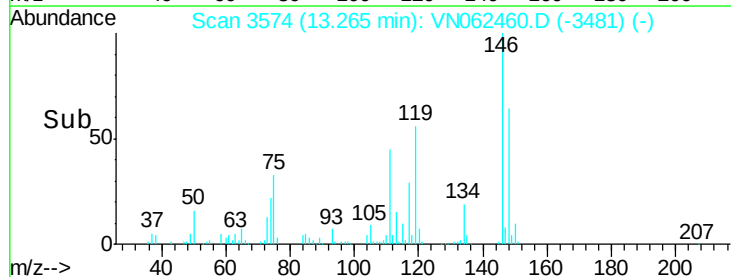
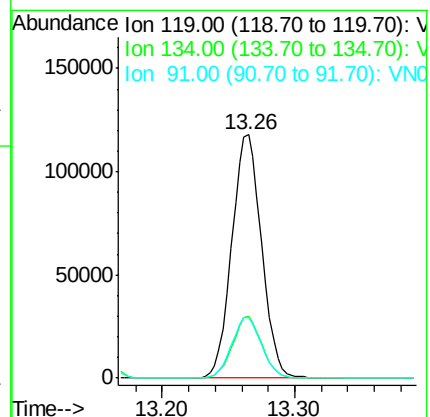
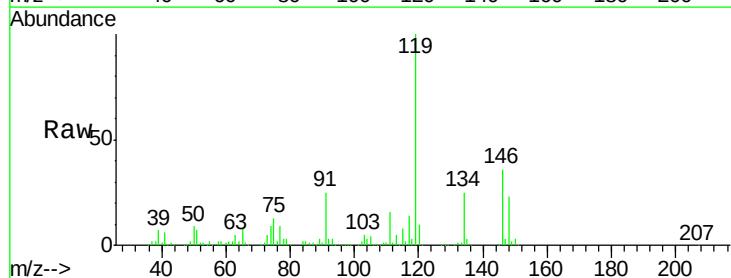
Tgt Ion:119 Resp: 183392

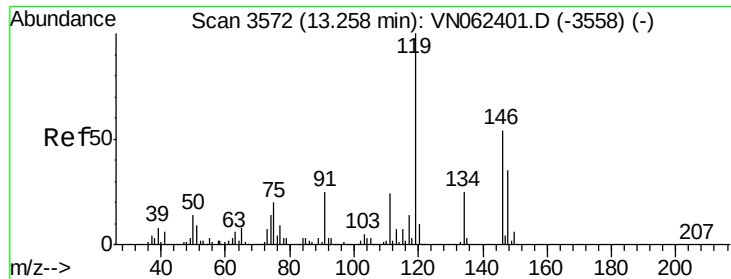
Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.0

91 25.0 12.4 37.4





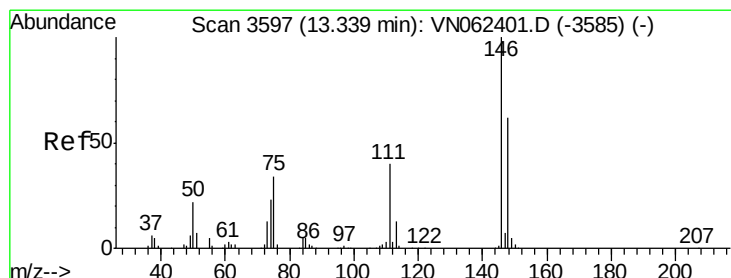
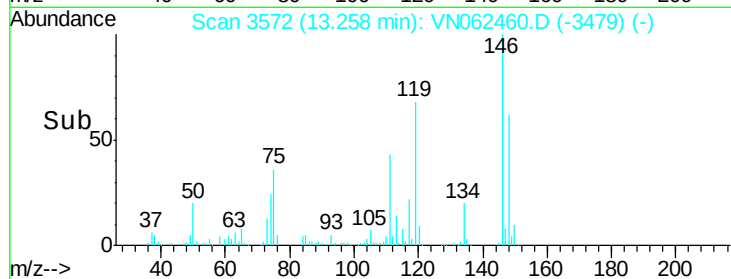
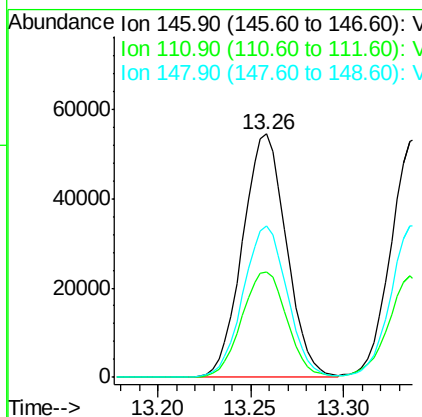
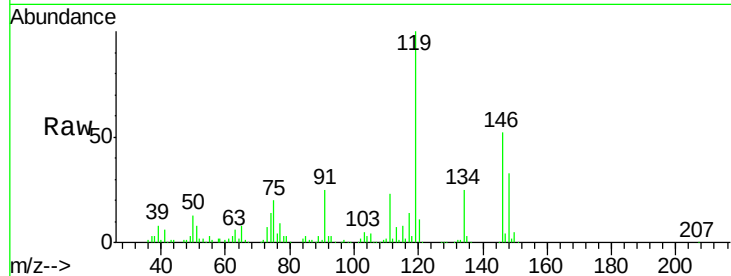
#87
 1,3-Dichlorobenzene
 Concen: 19.665 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.6	64.6
148	62.6	32.2	96.6

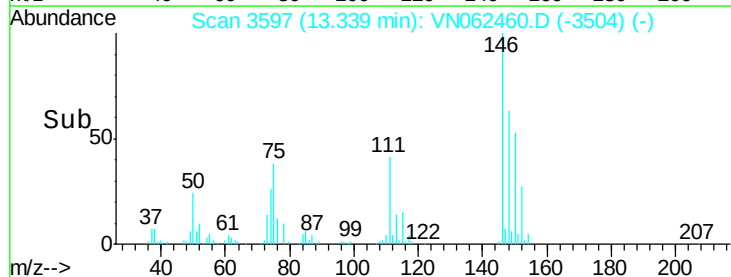
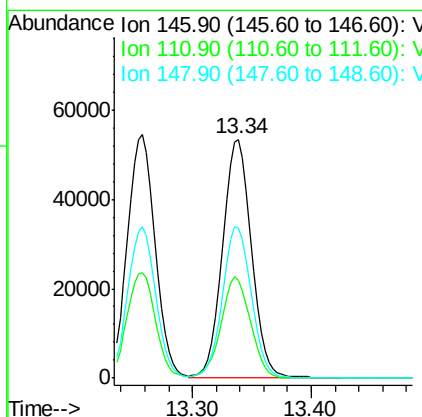
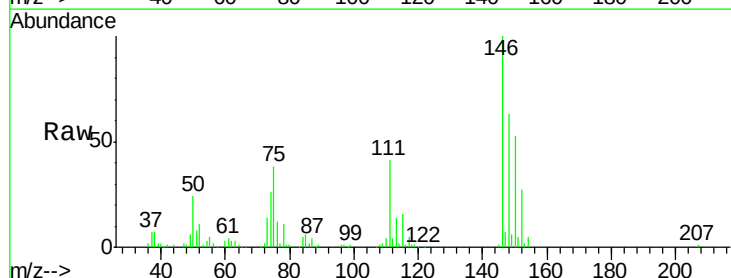
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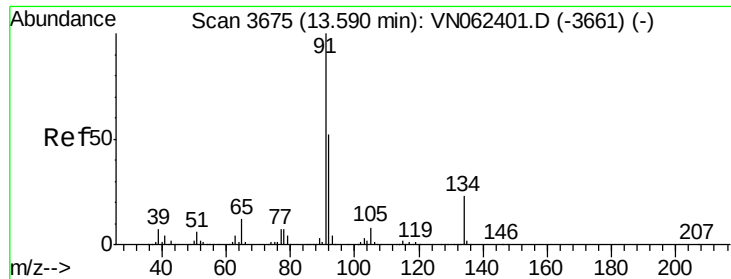
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#88
 1,4-Dichlorobenzene
 Concen: 19.248 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.1
148	63.4	31.4	94.2





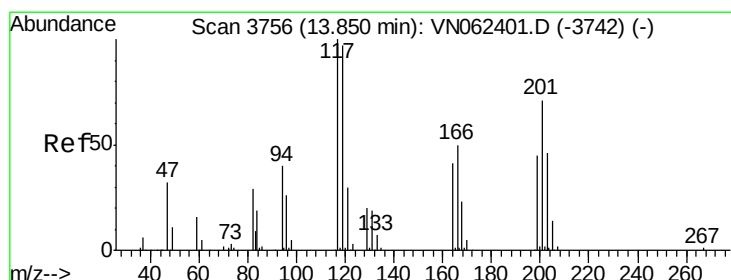
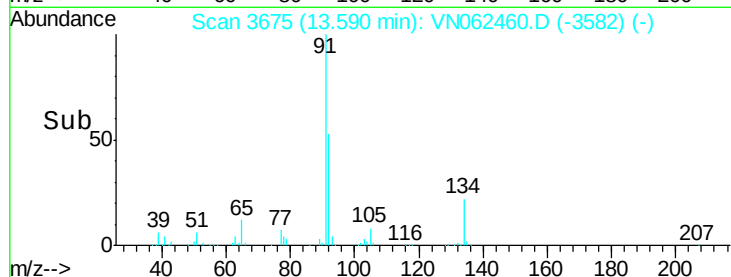
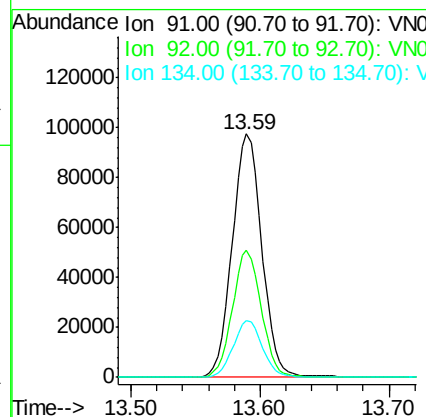
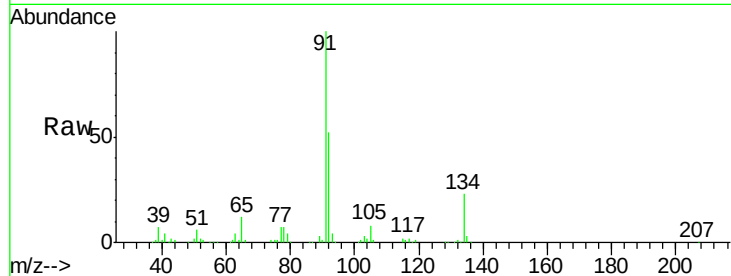
#89
n-Butylbenzene
Concen: 19.016 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.9	77.7
134	23.2	11.6	34.8

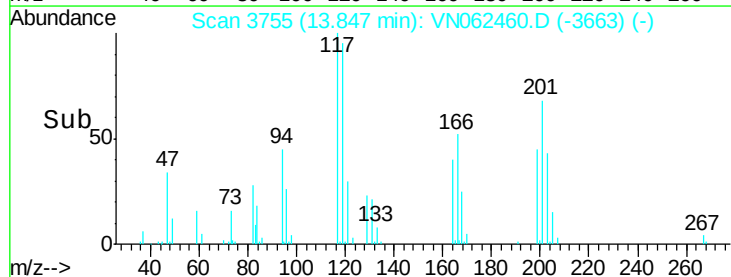
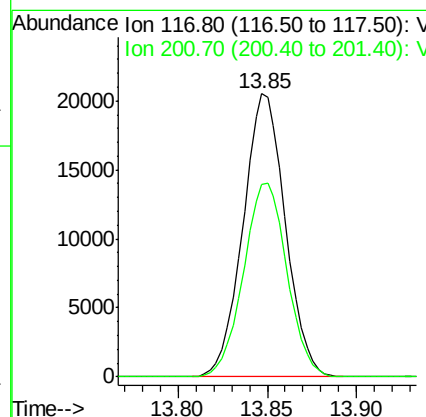
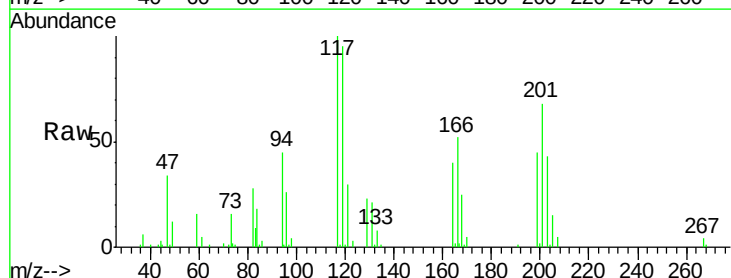
Manual Integrations
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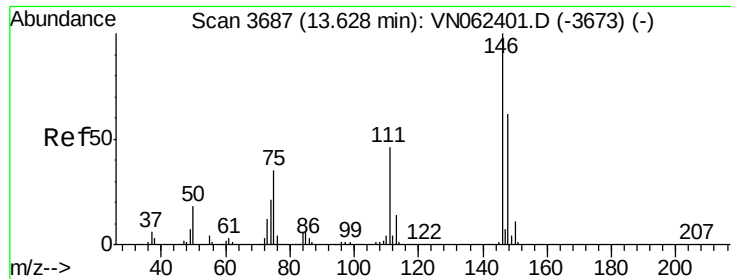
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#90
Hexachloroethane
Concen: 18.617 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062460.D
Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.2	35.4	106.2





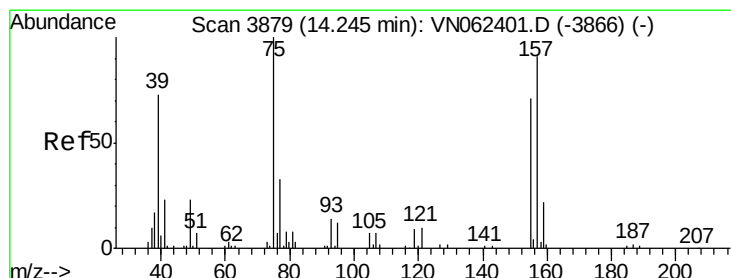
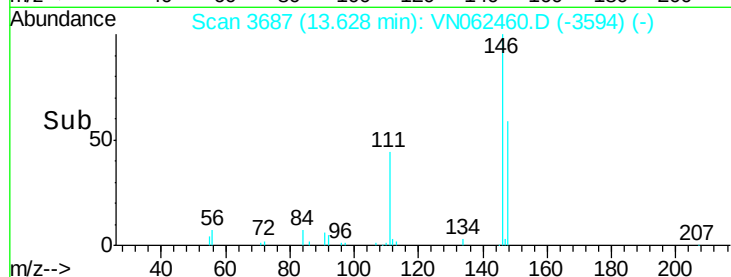
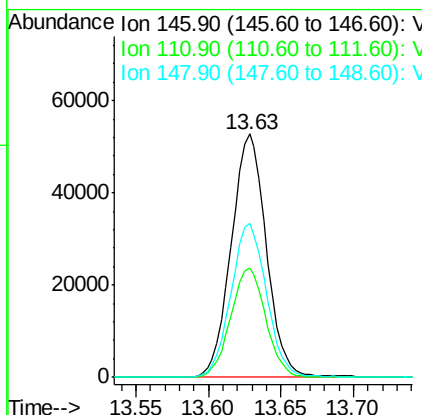
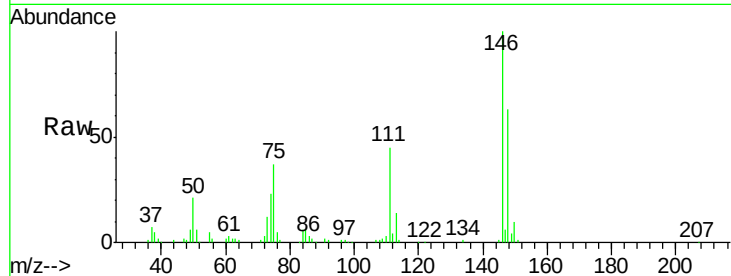
#91
 1,2-Dichlorobenzene
 Concen: 20.052 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.5	67.5
148	64.1	31.4	94.2

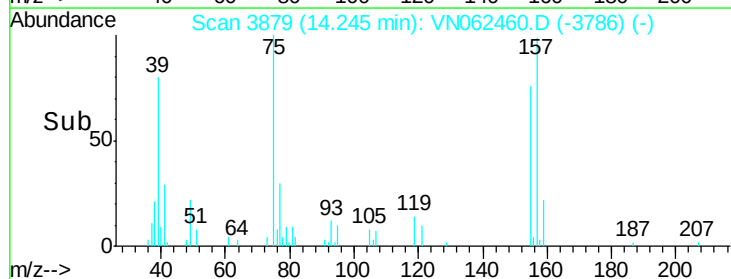
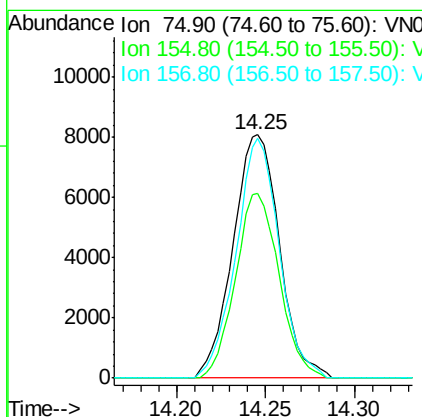
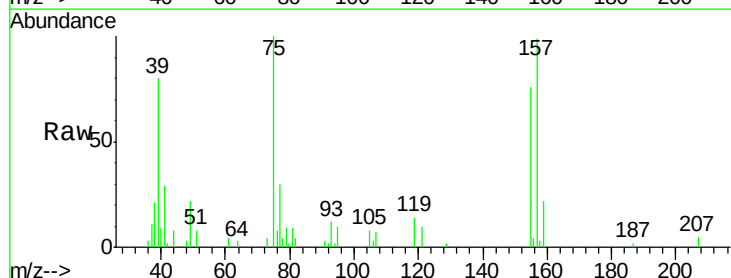
Manual Integrations
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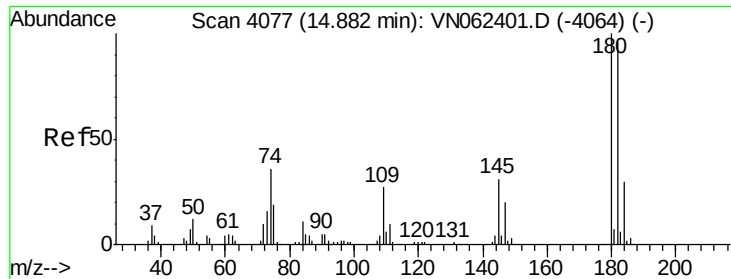
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.545 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	35.2	105.6
157	91.6	45.8	137.3





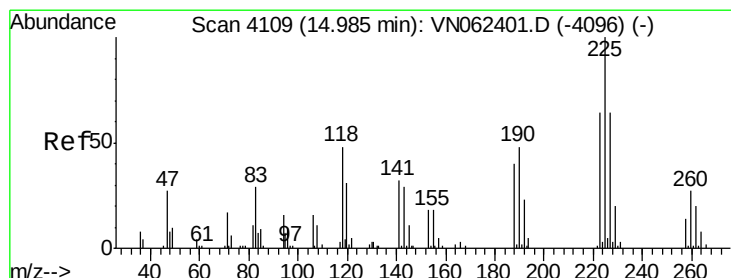
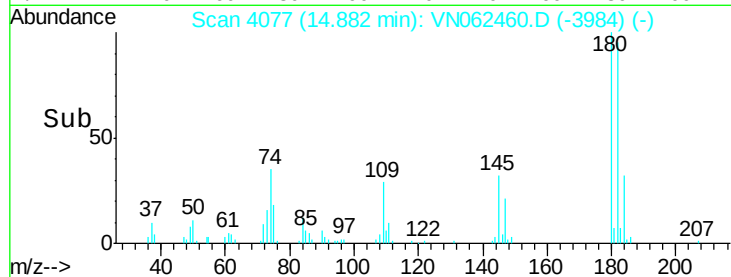
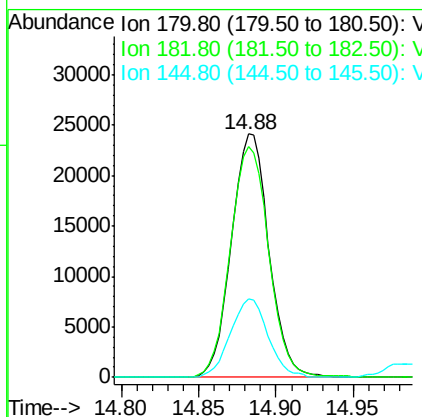
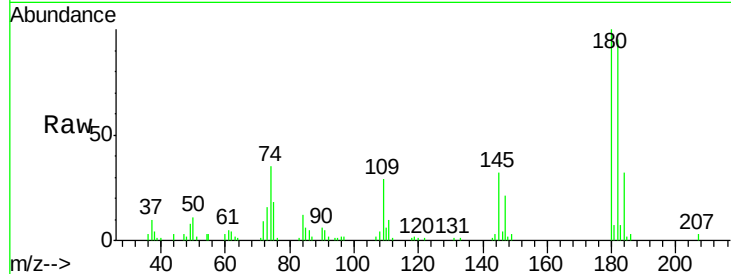
#93
 1,2,4-Trichlorobenzene
 Concen: 19.308 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	40516		
182	97.2		48.4	145.2
145	32.2		15.5	46.5

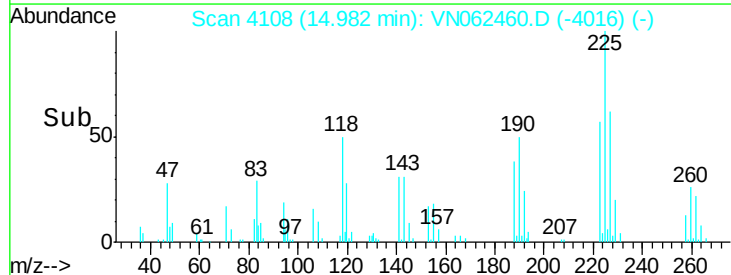
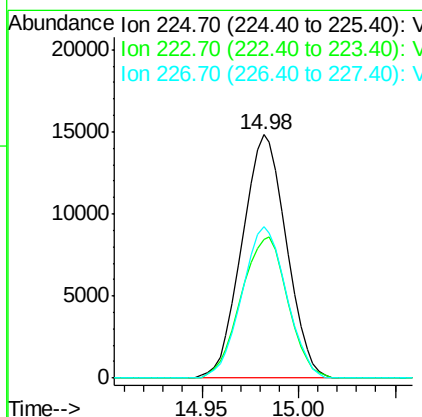
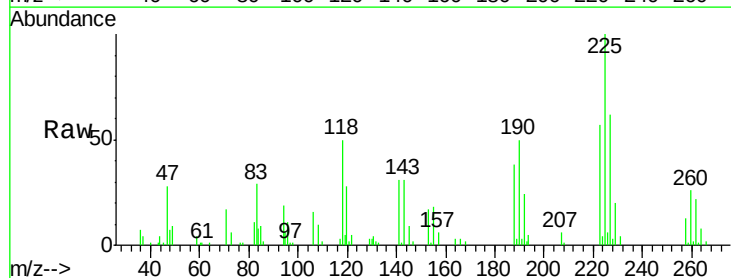
Manual Integrations
 APPROVED

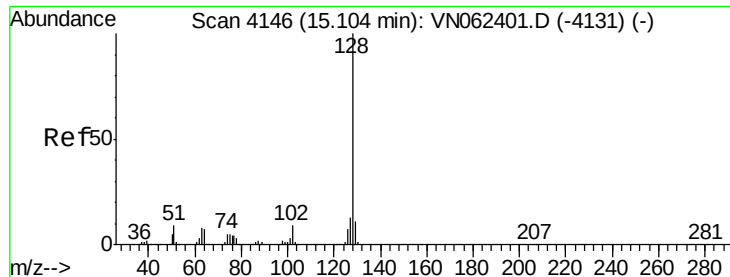
MMDadoda
 7/10/2020 9:23:18 AM



#94
 Hexachlorobutadiene
 Concen: 20.198 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062460.D
 Acq: 9 Jul 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23641		
223	60.9		32.3	96.8
227	62.5		31.9	95.7





#95

Naphthalene

Concen: 21.754 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Instrument :

MSVOA_N

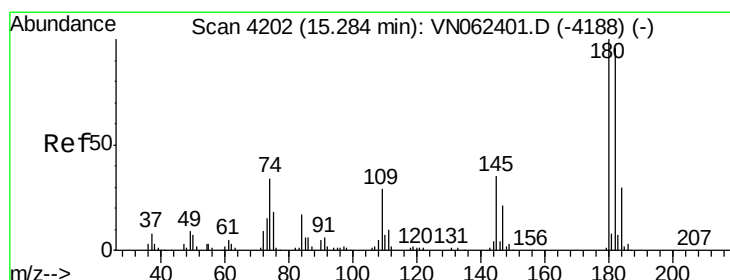
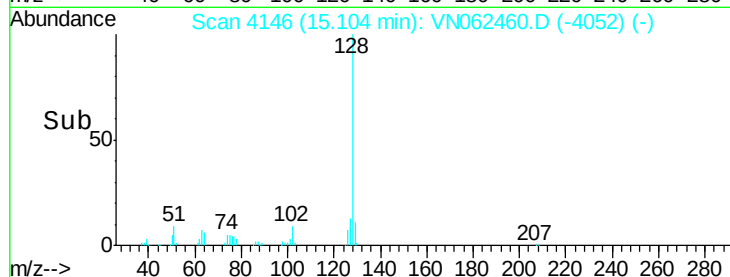
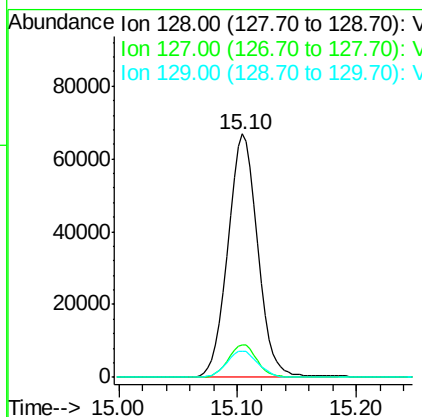
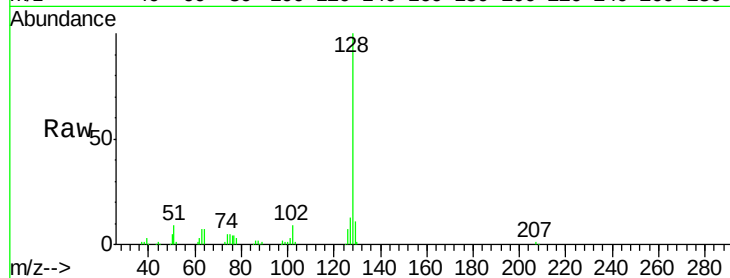
ClientSampled :

VN0709WBSD02

Tot Ion:	128	Resp:	116315
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:18 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.858 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062460.D

Acq: 9 Jul 2020 17:24

Tgt Ion:	180	Resp:	42211
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.8	143.4
145	32.7	17.0	50.9

