

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062060.D
 Acq On : 24 Jun 2020 11:18
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:13 PM

Quant Time: Jun 24 15:34:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	455715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	394792	106.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.38%	
35) Dibromofluoromethane	7.55	113	316788	104.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.06%	
50) Toluene-d8	10.06	98	1307240	109.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.16%	
62) 4-Bromofluorobenzene	12.38	95	454047	110.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	285887	92.005	ug/l	100
3) Chloromethane	2.03	50	363014	95.379	ug/l	99
4) Vinyl Chloride	2.16	62	450811	99.243	ug/l	99
5) Bromomethane	2.51	94	295500	86.077	ug/l	96
6) Chloroethane	2.65	64	307671	99.142	ug/l	99
7) Trichlorofluoromethane	2.97	101	560277	103.996	ug/l	99
8) Diethyl Ether	3.37	74	201569	108.767	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	286810	101.327	ug/l	99
10) Methyl Iodide	3.91	142	370866	120.077	ug/l	100
11) Tert butyl alcohol	4.74	59	270602	519.108	ug/l	100
12) 1,1-Dichloroethene	3.69	96	298877	105.558	ug/l	99
13) Acrolein	3.56	56	273529	766.710	ug/l	98
14) Allyl chloride	4.27	41	426853	112.258	ug/l	100
15) Acrylonitrile	4.93	53	743177	570.960	ug/l	100
16) Acetone	3.77	43	580679	510.719	ug/l	99
17) Carbon Disulfide	4.00	76	893843	107.297	ug/l	100
18) Methyl Acetate	4.27	43	278789	89.744	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1002103	106.271	ug/l	100
20) Methylene Chloride	4.50	84	349037	96.712	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	333936	102.755	ug/l	95
22) Diisopropyl ether	5.90	45	968921	111.528	ug/l	99
23) Vinyl Acetate	5.84	43	4140379	599.385	ug/l	99
24) 1,1-Dichloroethane	5.80	63	590447	104.376	ug/l	100
25) 2-Butanone	6.78	43	930046	566.519	ug/l	100
26) 2,2-Dichloropropane	6.78	77	500950	104.705	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	385050	102.849	ug/l	99
28) Bromochloromethane	7.15	49	271998	107.588	ug/l	99
29) Tetrahydrofuran	7.17	42	618957	571.952	ug/l	99
30) Chloroform	7.33	83	598332	99.566	ug/l	100
31) Cyclohexane	7.61	56	511912	103.214	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	517860	101.335	ug/l	100
36) 1,1-Dichloropropene	7.75	75	470563	107.791	ug/l	99
37) Ethyl Acetate	6.88	43	398897	115.342	ug/l	99
38) Carbon Tetrachloride	7.73	117	436596	101.553	ug/l	98

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC100

Manual Integrations
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 6/25/2020 6:10:13 PM

Quant Time: Jun 24 15:34:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	543388	115.540	ug/l	99
40) Benzene	8.00	78	1418433	106.741	ug/l	98
41) Methacrylonitrile	7.13	41	179520	119.128	ug/l	95
42) 1,2-Dichloroethane	8.08	62	473787	104.675	ug/l	100
43) Isopropyl Acetate	8.13	43	676656	116.863	ug/l #	90
44) Trichloroethene	8.80	130	351379	101.430	ug/l	100
45) 1,2-Dichloropropane	9.08	63	357055	109.470	ug/l	100
46) Dibromomethane	9.17	93	240120	105.168	ug/l	99
47) Bromodichloromethane	9.37	83	493012	105.134	ug/l	99
48) Methyl methacrylate	9.17	41	311431	117.718	ug/l	99
49) 1,4-Dioxane	9.17	88	134152	2203.784	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	2026540	588.538	ug/l	99
52) Toluene	10.12	92	912547	109.620	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	567951	113.418	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	610277	112.447	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	351871	107.309	ug/l	99
56) Ethyl methacrylate	10.40	69	530821	120.930	ug/l	99
57) 1,3-Dichloropropane	10.68	76	605597	108.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	995844	576.143	ug/l	100
59) 2-Hexanone	10.72	43	1516026	612.774	ug/l	99
60) Dibromochloromethane	10.87	129	382512	105.483	ug/l	98
61) 1,2-Dibromoethane	10.98	107	365054	107.030	ug/l	99
64) Tetrachloroethene	10.60	164	287581	99.295	ug/l	97
65) Chlorobenzene	11.41	112	960294	99.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	338516	101.315	ug/l	100
67) Ethyl Benzene	11.48	91	1750805	108.355	ug/l	100
68) m/p-Xylenes	11.60	106	1347547	216.239	ug/l	100
69) o-Xylene	11.92	106	646542	109.016	ug/l	99
70) Styrene	11.94	104	1122998	113.094	ug/l	99
71) Bromoform	12.10	173	257158	105.835	ug/l #	98
73) Isopropylbenzene	12.22	105	1710023	106.125	ug/l	100
74) N-amyl acetate	12.05	43	644398	123.384	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	523729	99.218	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	490325m	109.146	ug/l	
77) Bromobenzene	12.50	156	396562	97.830	ug/l	97
78) n-propylbenzene	12.57	91	1995945	108.095	ug/l	100
79) 2-Chlorotoluene	12.65	91	1155363	104.273	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1434795	107.826	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	190577	115.000	ug/l	99
82) 4-Chlorotoluene	12.75	91	1231680	107.695	ug/l	98
83) tert-Butylbenzene	12.97	119	1197764	106.167	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	1444751	110.135	ug/l	99
85) sec-Butylbenzene	13.15	105	1611379	108.820	ug/l	100
86) p-Isopropyltoluene	13.26	119	1480578	112.634	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	738697	100.437	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	734997	97.660	ug/l	99
89) n-Butylbenzene	13.59	91	1269190	115.135	ug/l	100
90) Hexachloroethane	13.85	117	269144	111.037	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	701205	99.213	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	94237	110.031	ug/l	100

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Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Quant Time: Jun 24 15:34:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 11:12:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	358077	108.164	ug/l	98
94) Hexachlorobutadiene	14.98	225	132924	101.247	ug/l	98
95) Naphthalene	15.10	128	1095317	114.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	354897	107.686	ug/l	99

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

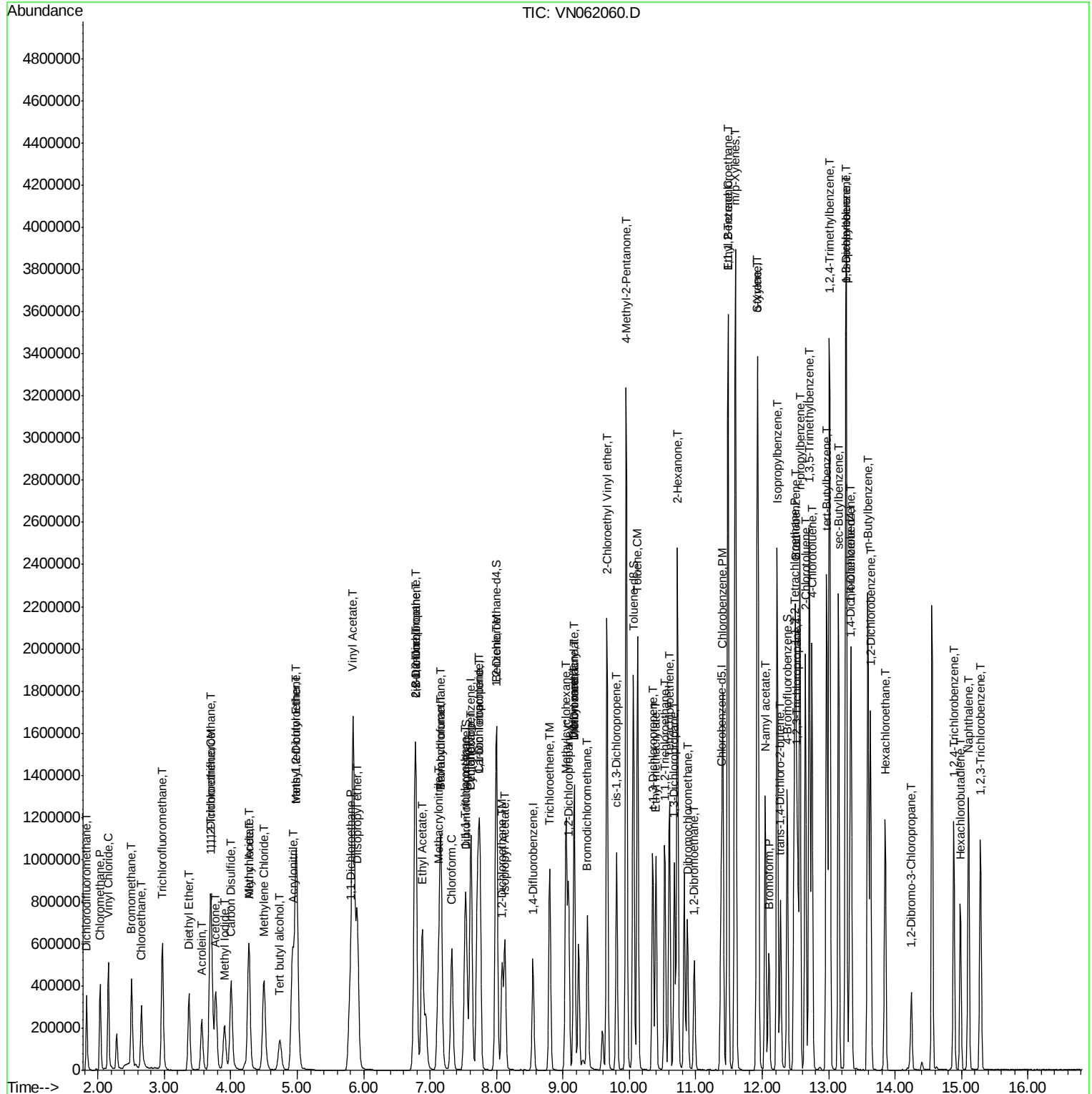
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Data File : VN062060.D
Acq On : 24 Jun 2020 11:18
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

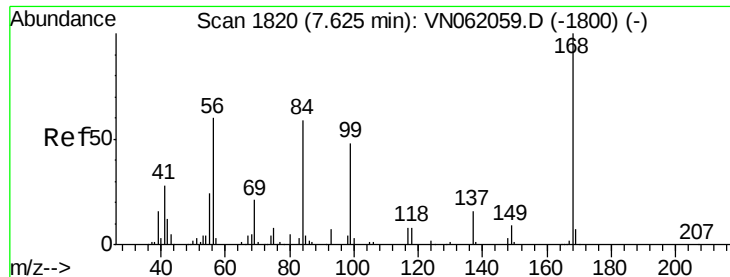
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 277600

Ion Ratio Lower Upper

168 100

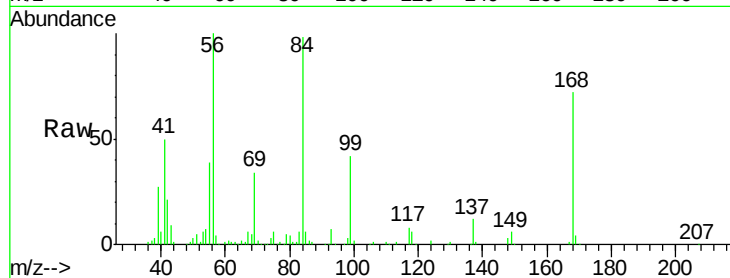
99 58.6 45.8 68.8

Manual Integrations

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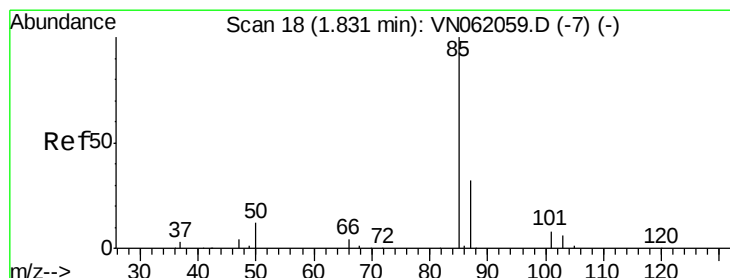
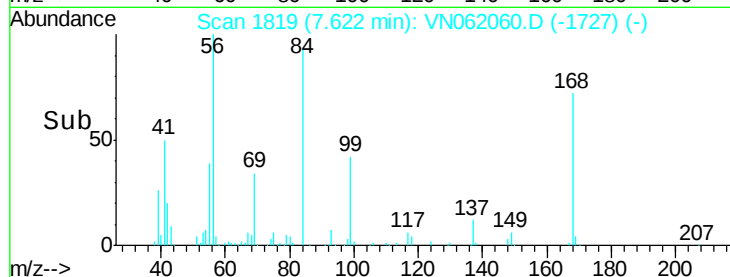
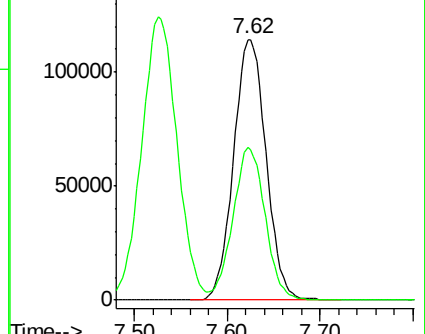
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 92.005 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062060.D

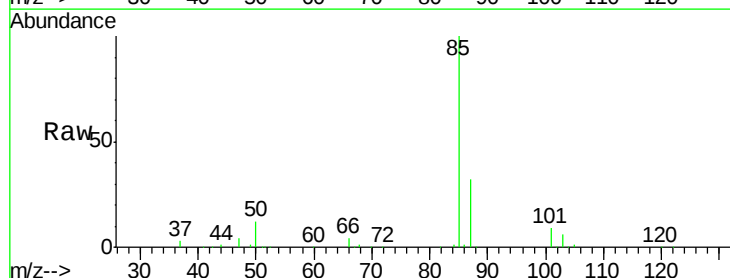
Acq: 24 Jun 2020 11:18

Tgt Ion: 85 Resp: 285887

Ion Ratio Lower Upper

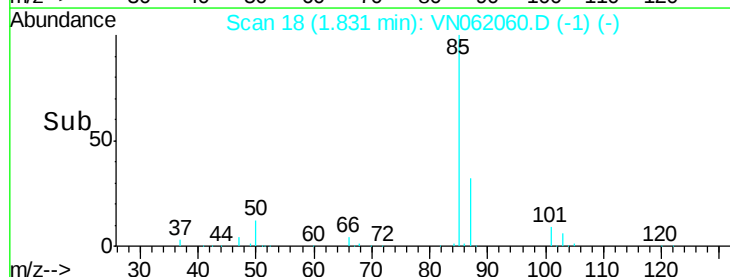
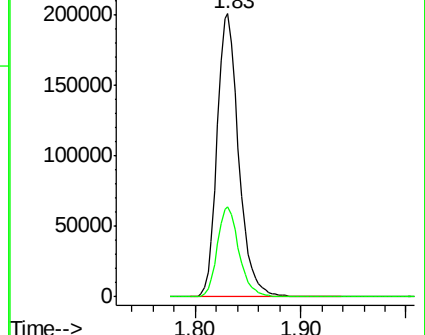
85 100

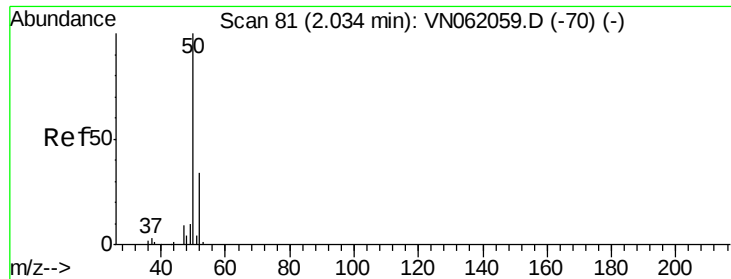
87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 95.379 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 363014

Ion Ratio Lower Upper

50 100

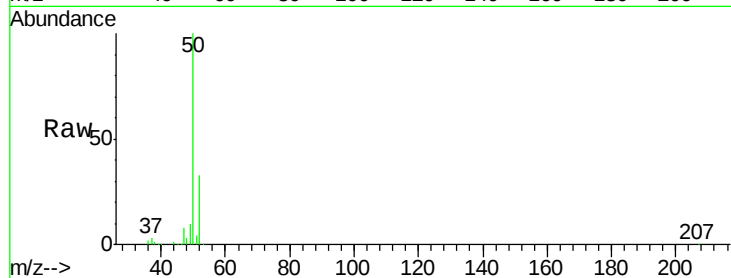
52 33.4 27.0 40.6

Manual Integrations

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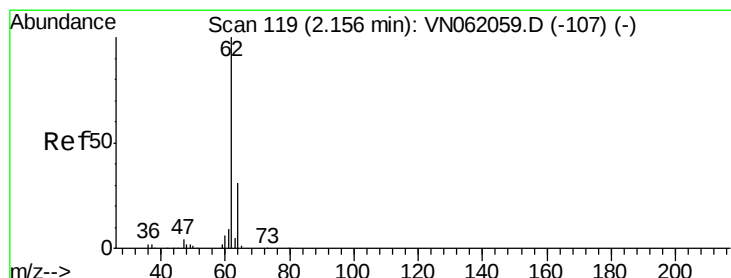
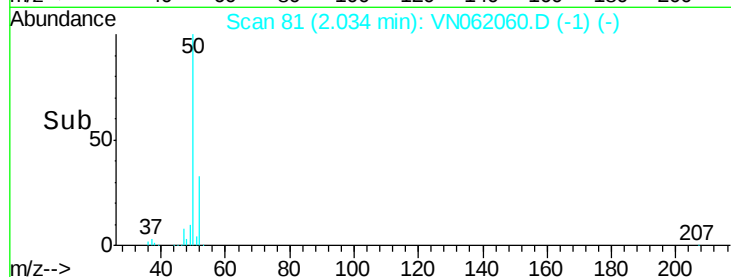
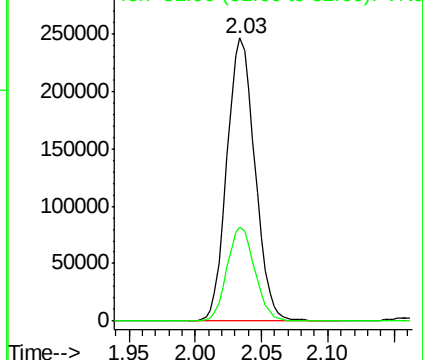
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Abundance Ion 49.90 (49.60 to 50.60): VN062059.D

Ion 51.90 (51.60 to 52.60): VN062059.D



#4

Vinyl Chloride

Concen: 99.243 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062060.D

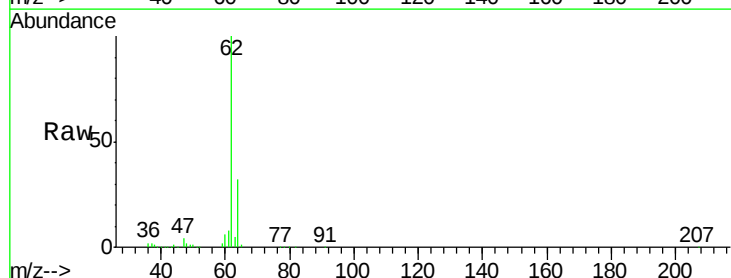
Acq: 24 Jun 2020 11:18

Tgt Ion: 62 Resp: 450811

Ion Ratio Lower Upper

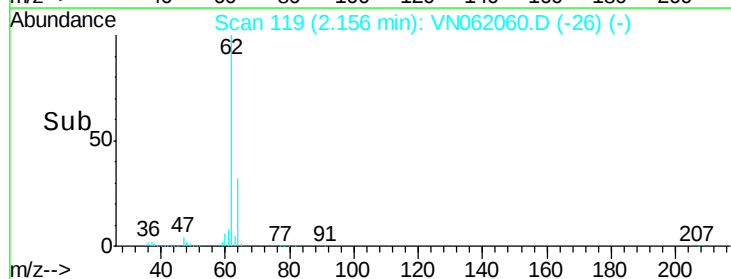
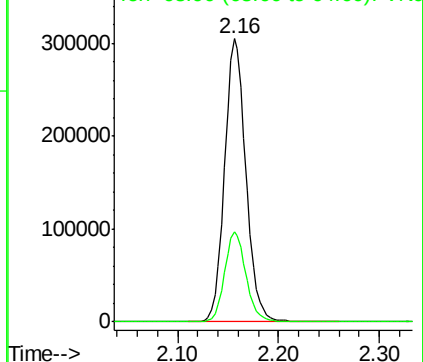
62 100

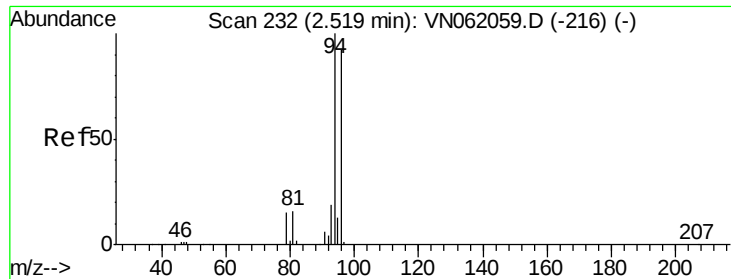
64 32.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062059.D

Ion 63.90 (63.60 to 64.60): VN062059.D





#5

Bromomethane

Concen: 86.077 ug/l

RT: 2.51 min Scan# 228

Delta R.T. -0.01 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 295500

Ion Ratio Lower Upper

94 100

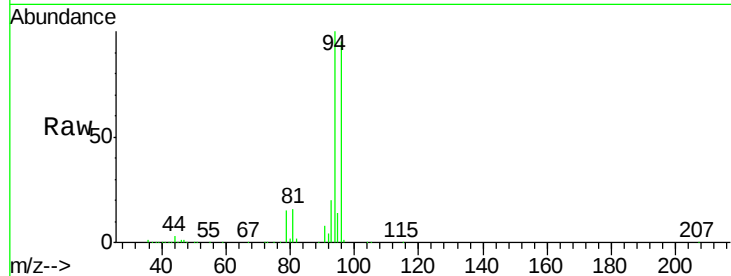
96 95.3 73.4 110.2

Manual Integrations

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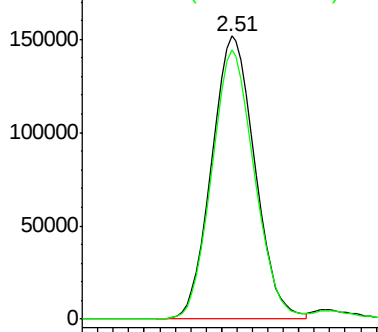
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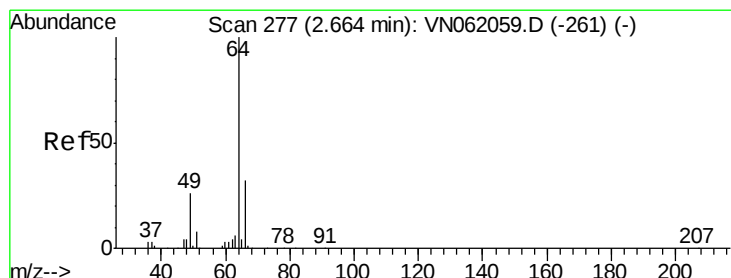
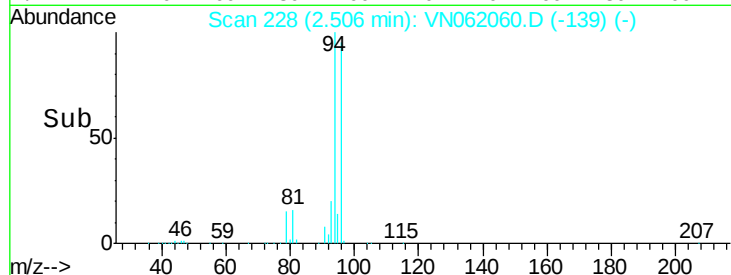


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#6

Chloroethane

Concen: 99.142 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.01 min

Lab File: VN062060.D

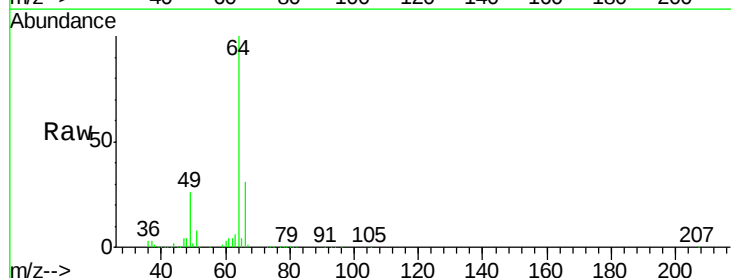
Acq: 24 Jun 2020 11:18

Tgt Ion: 64 Resp: 307671

Ion Ratio Lower Upper

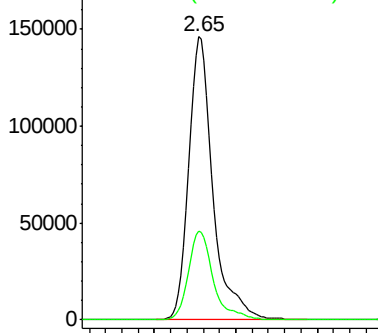
64 100

66 31.5 25.8 38.6

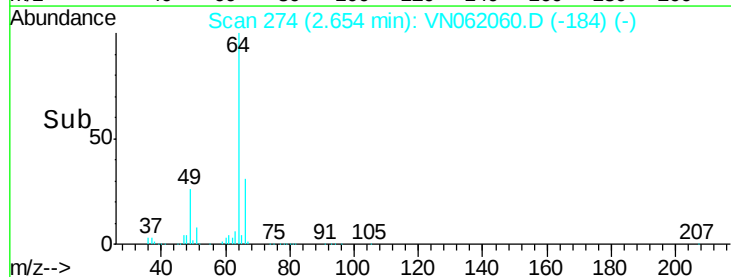


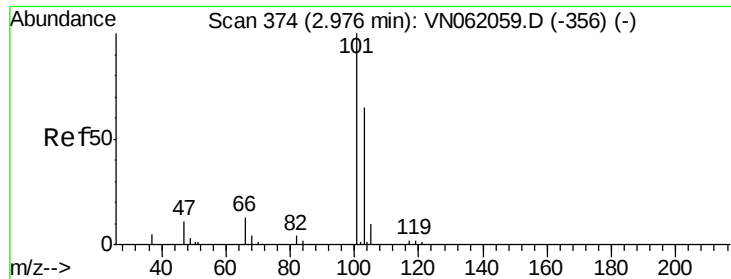
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



Time-->





#7

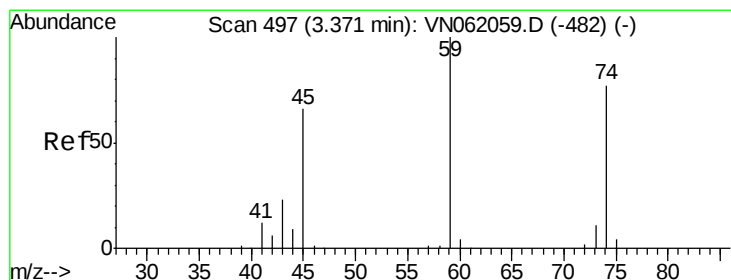
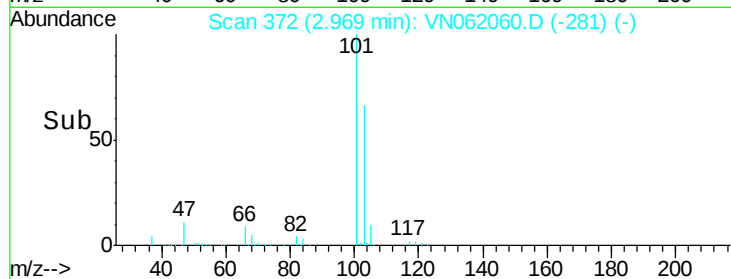
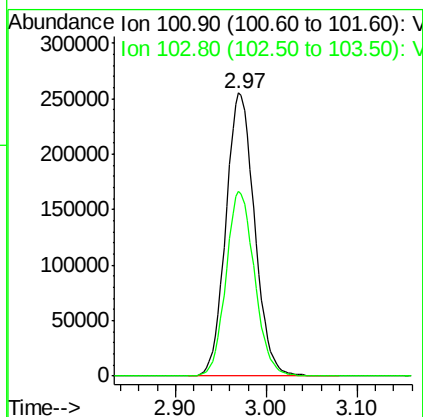
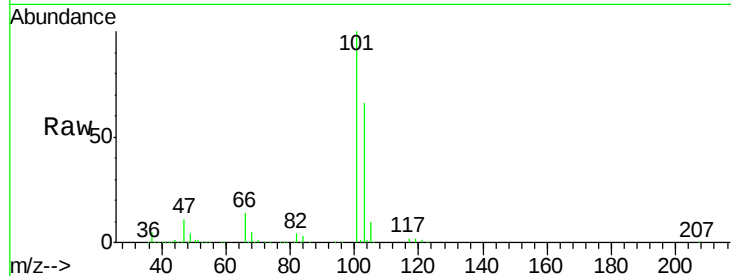
Trichlorofluoromethane
Concen: 103.996 ug/l
RT: 2.97 min Scan# 372
Delta R.T. -0.01 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6

Manual Integrations
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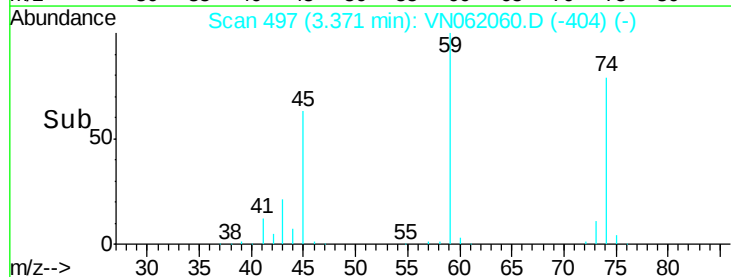
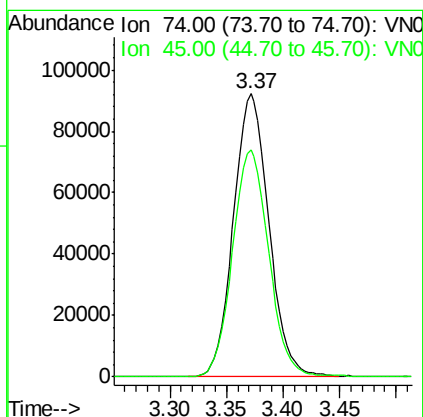
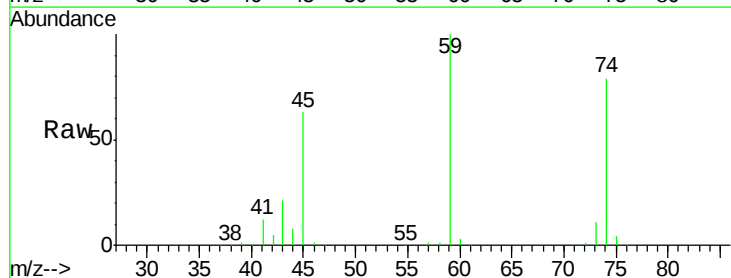
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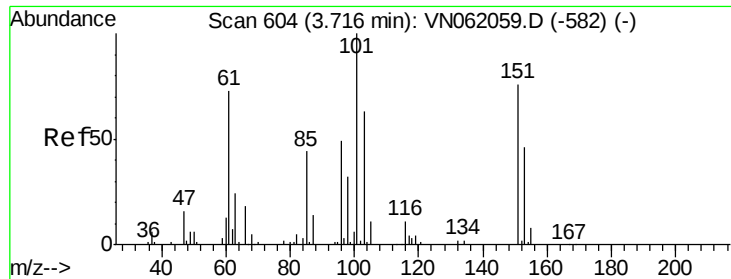


#8

Diethyl Ether
Concen: 108.767 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.7	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.327 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

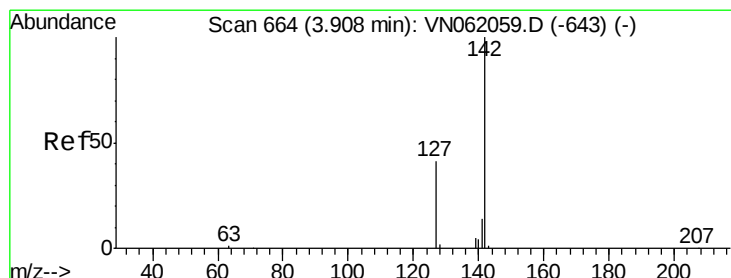
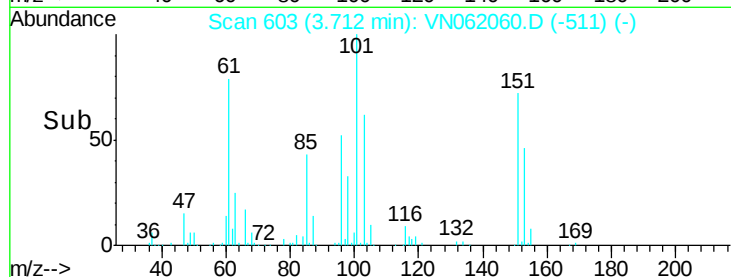
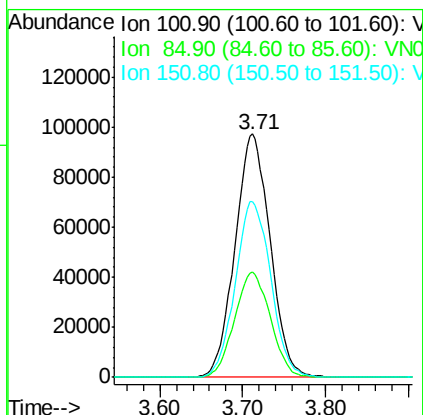
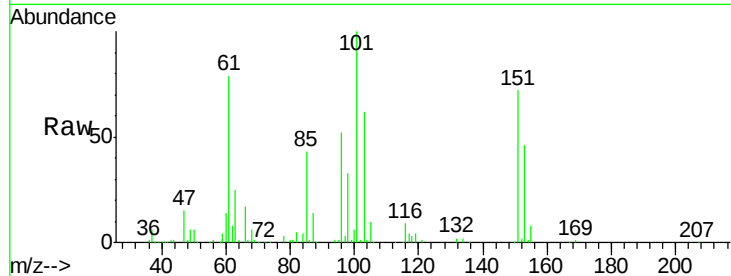
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	286810
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.5	51.7
151	72.9	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 120.077 ug/l

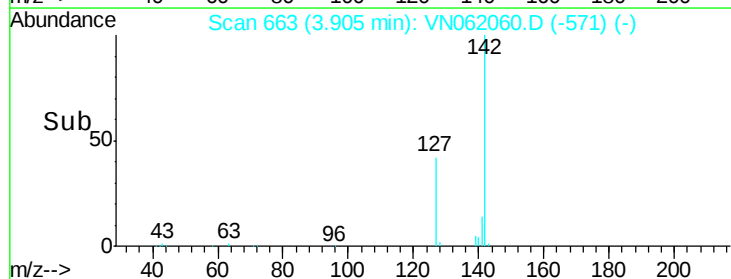
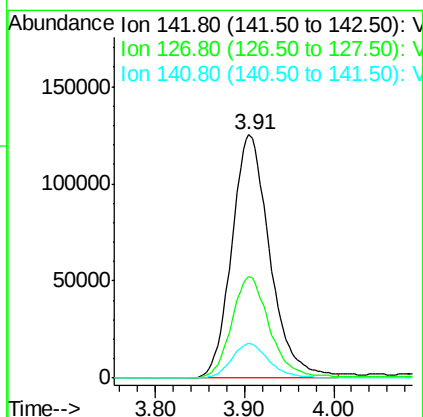
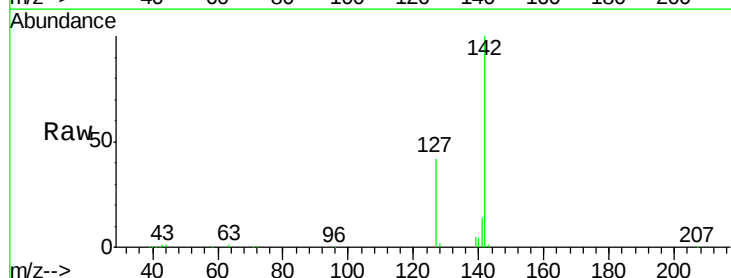
RT: 3.91 min Scan# 663

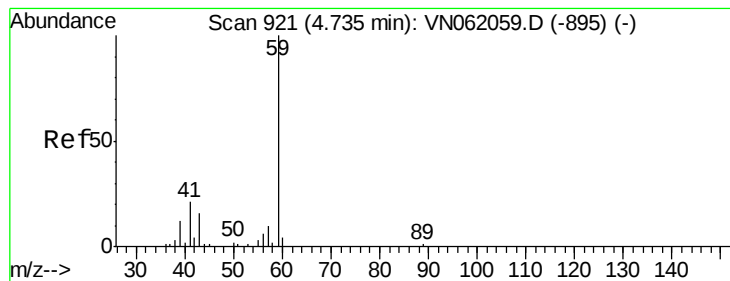
Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion:	142	Resp:	370866
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.6	50.4
141	14.0	11.3	16.9





#11

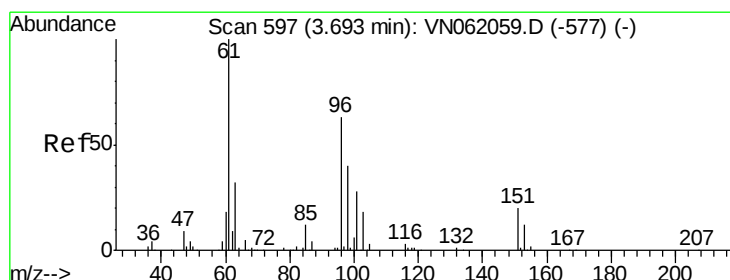
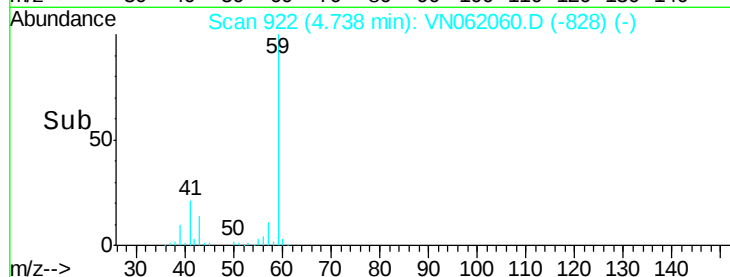
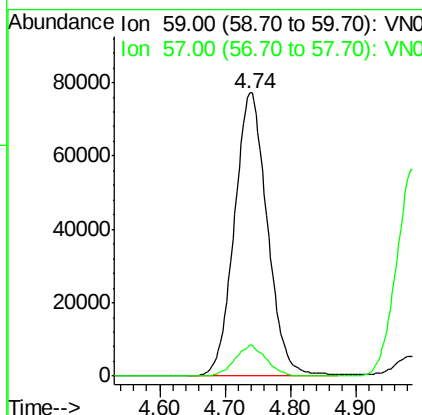
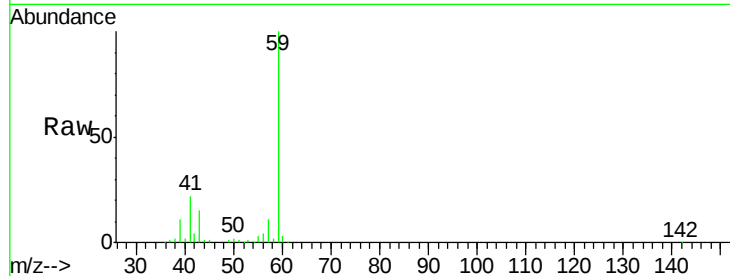
Tert butyl alcohol
Concen: 519.108 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	59	Resp	270602
Ion Ratio	100	Lower	Upper
57	10.4	8.3	12.5

Manual Integrations
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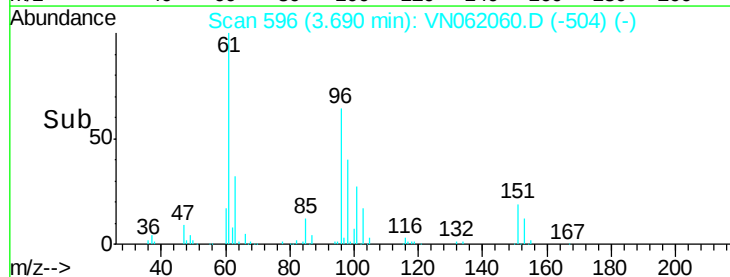
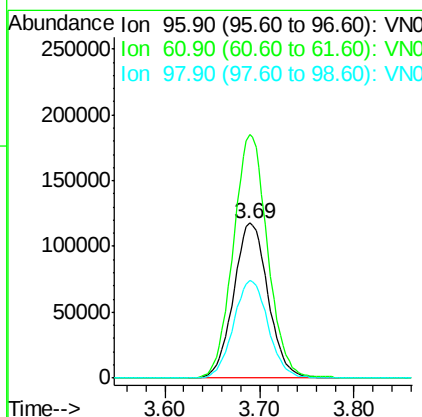
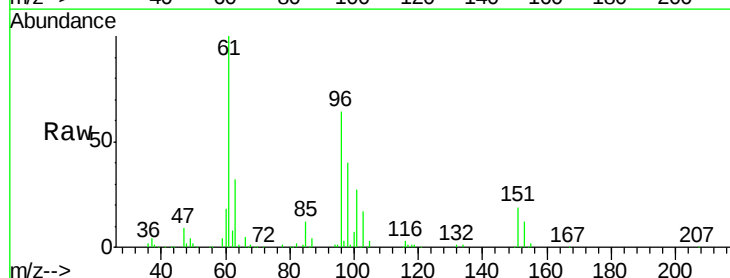
MMDadoda
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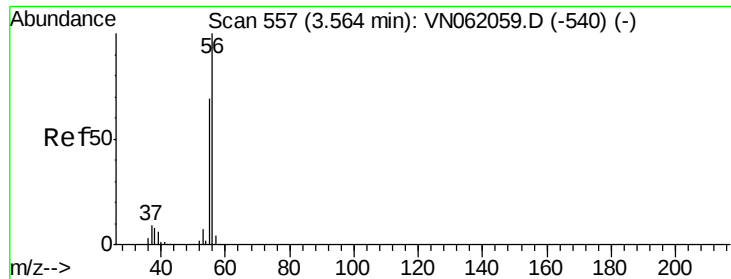


#12

1,1-Dichloroethene
Concen: 105.558 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	96	Resp	298877
Ion Ratio	100	Lower	Upper
61	156.9	126.7	190.1
98	62.9	51.0	76.4





#13

Acrolein

Concen: 766.710 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 273529

Ion Ratio Lower Upper

56 100

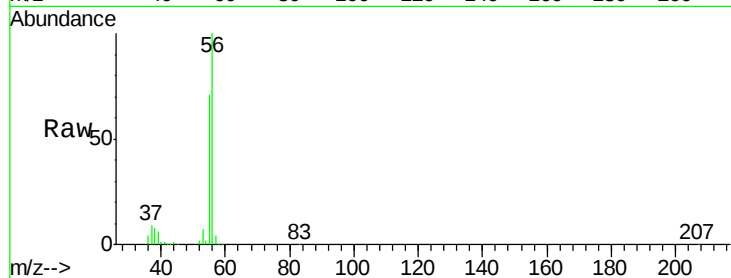
55 70.7 55.5 83.3

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Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)

3.56

120000

100000

80000

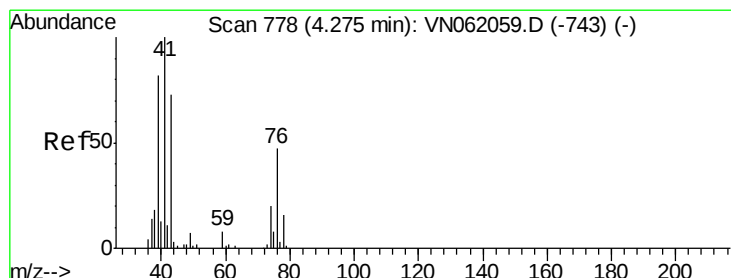
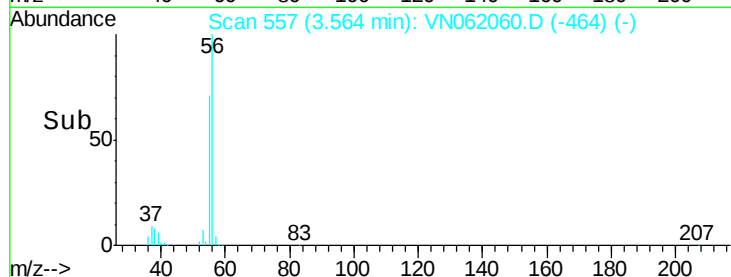
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 112.258 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

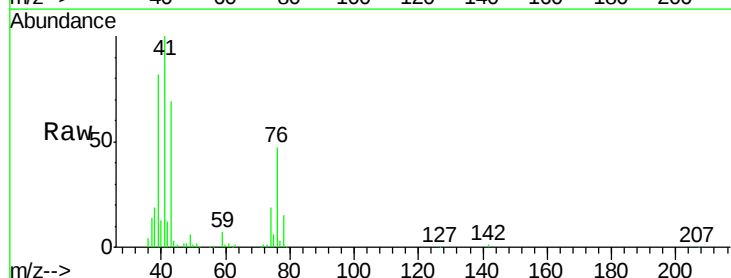
Tgt Ion: 41 Resp: 426853

Ion Ratio Lower Upper

41 100

39 75.2 60.0 90.0

76 42.7 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)

4.27

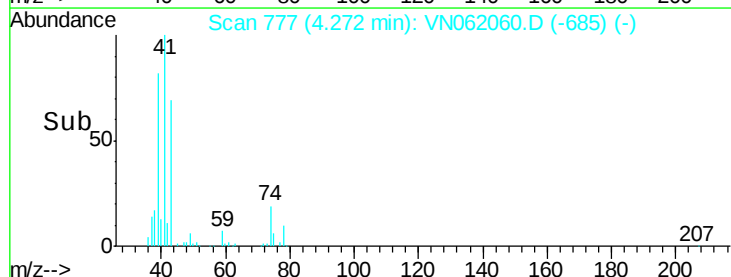
150000

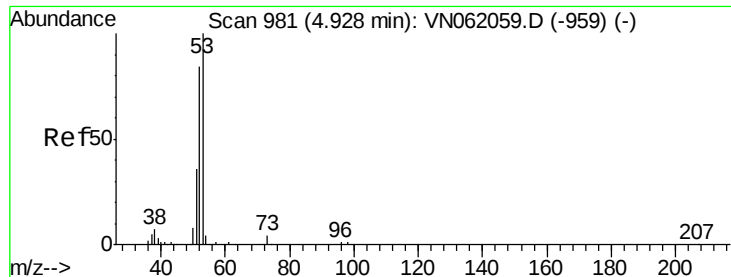
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 570.960 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

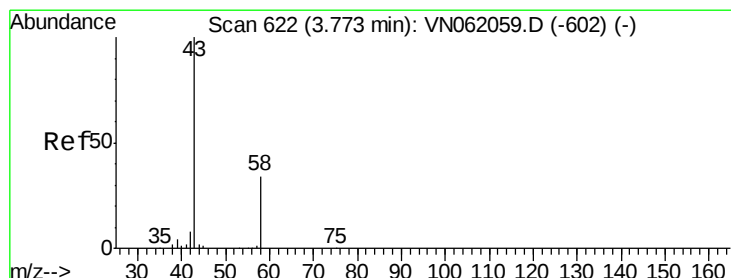
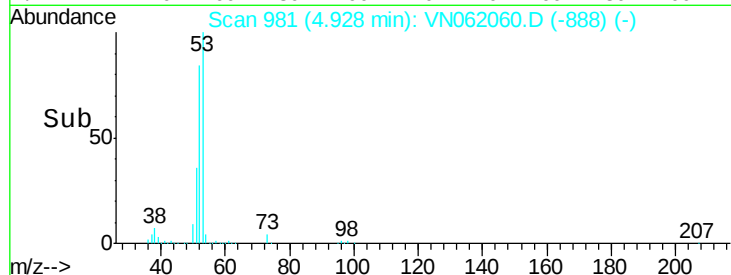
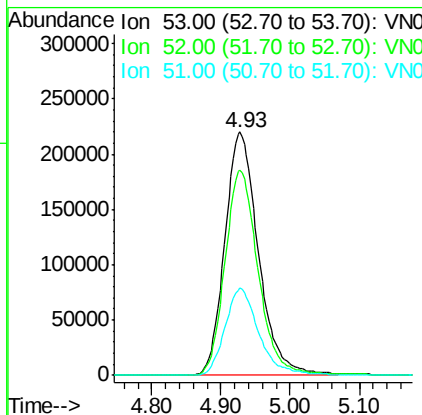
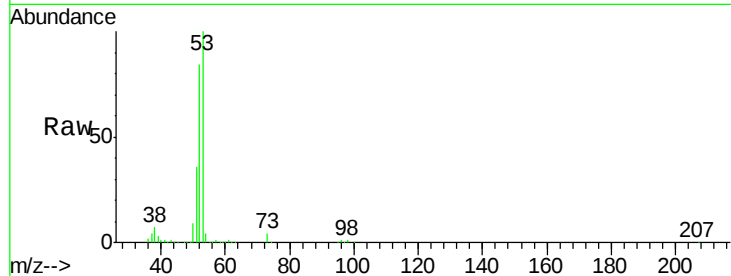
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	743177
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.2	99.4
51	36.2	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 510.719 ug/l

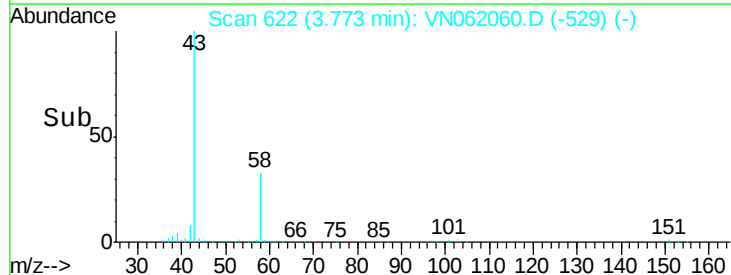
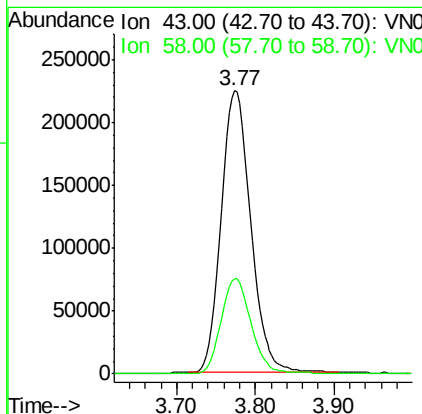
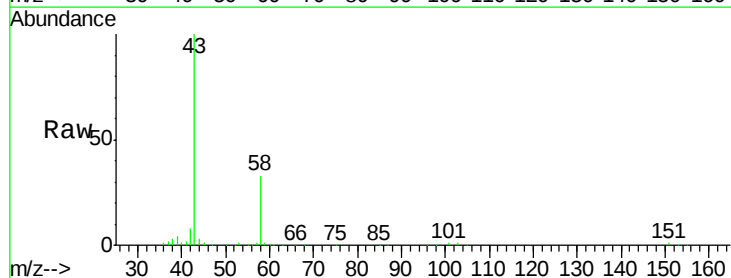
RT: 3.77 min Scan# 622

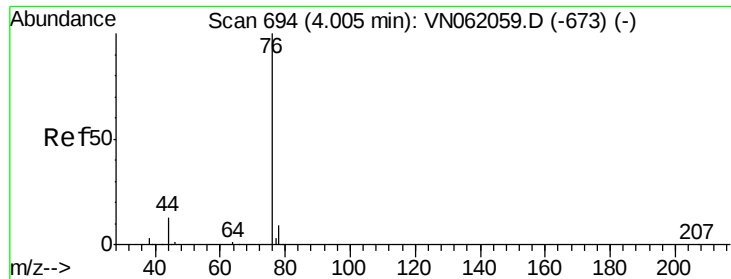
Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion:	43	Resp:	580679
Ion Ratio		Lower	Upper
43	100		
58	33.6	27.5	41.3





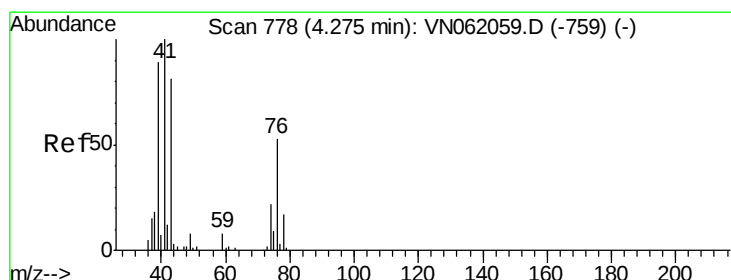
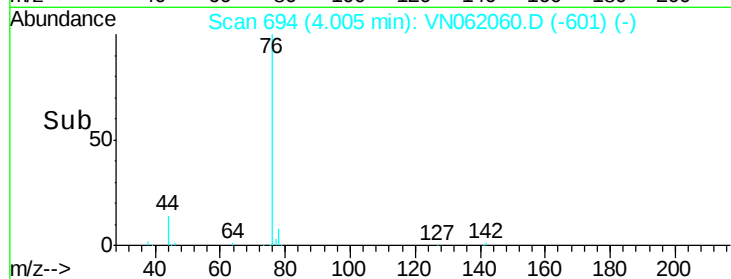
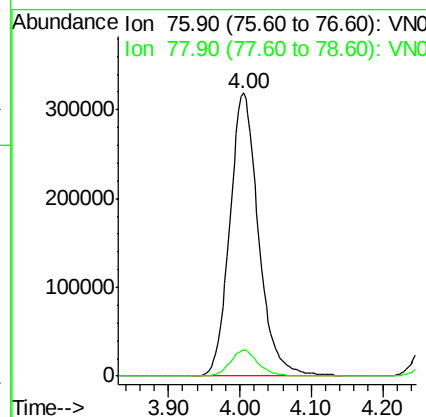
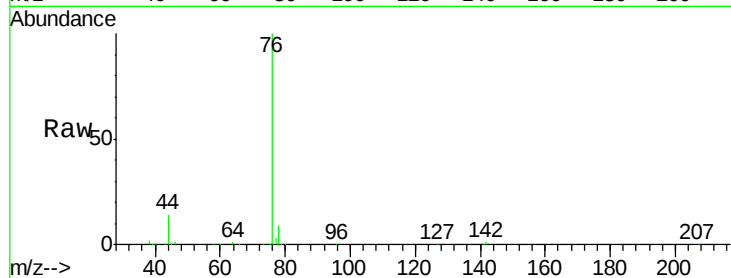
#17
Carbon Disulfide
Concen: 107.297 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

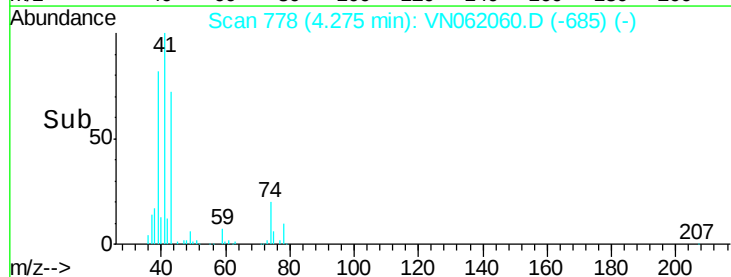
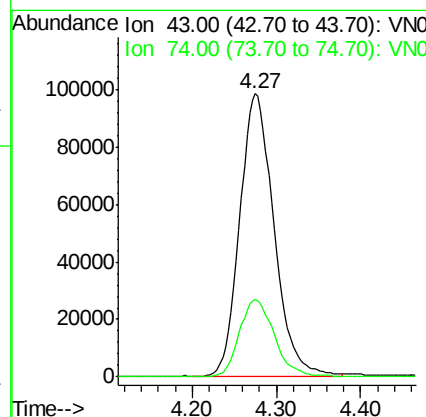
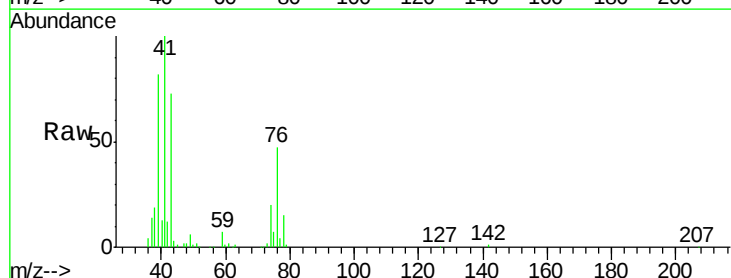
Manual Integrations
APPROVED

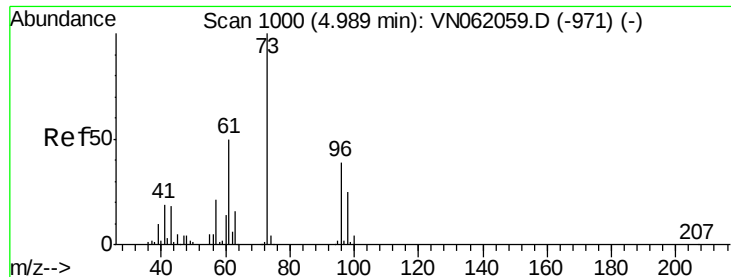
MMDadoda
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#18
Methyl Acetate
Concen: 89.744 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	22.9	34.3





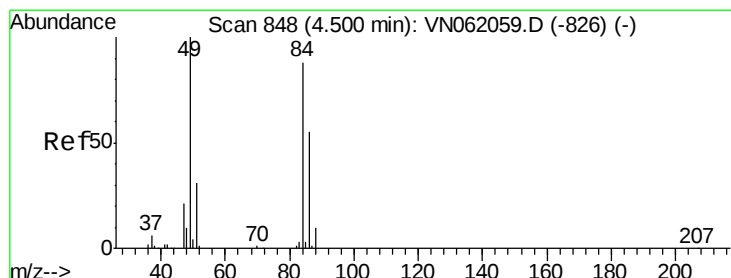
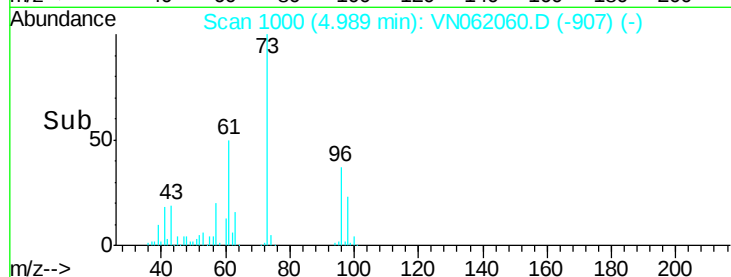
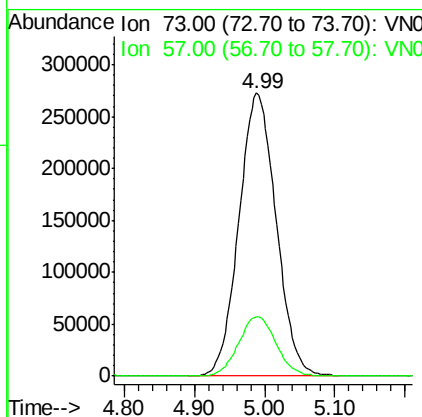
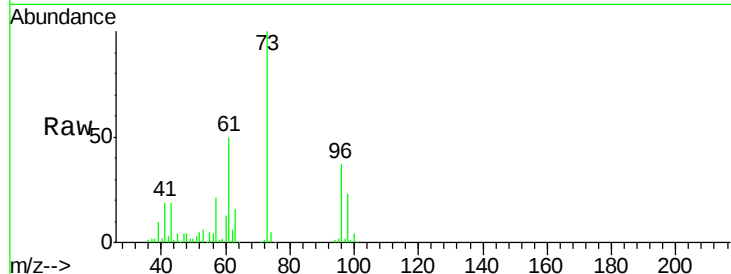
#19
Methvl tert-butvl Ether
Concen: 106.271 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1002103
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8

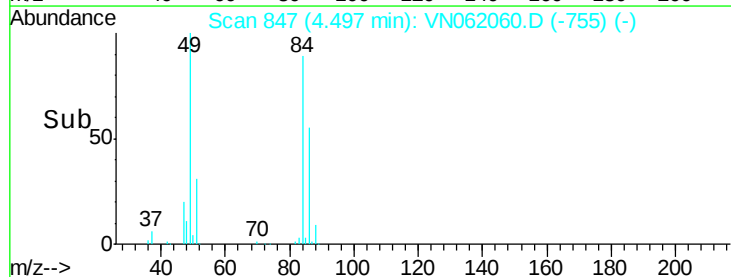
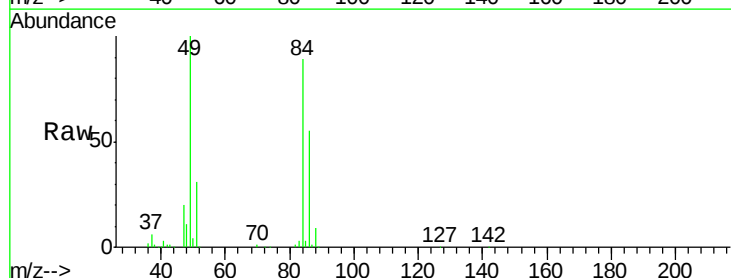
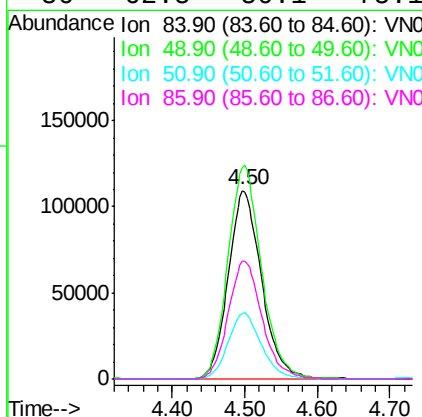
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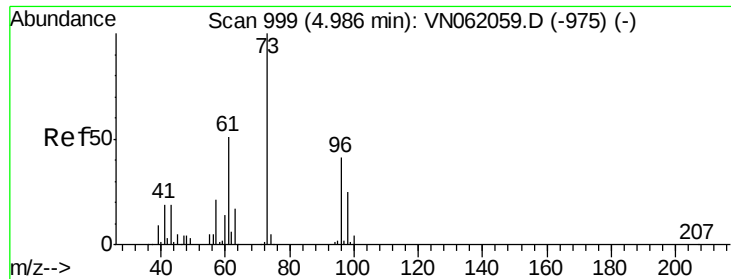
MMDadoda
6/25/2020 6:10:13 PM



#20
Methylene Chloride
Concen: 96.712 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 84 Resp: 349037
Ion Ratio Lower Upper
84 100
49 112.6 90.6 136.0
51 34.8 27.8 41.8
86 62.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 102.755 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

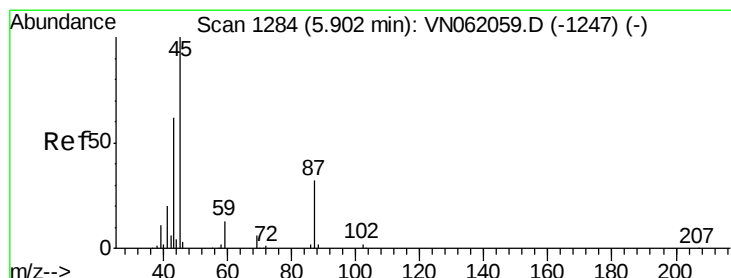
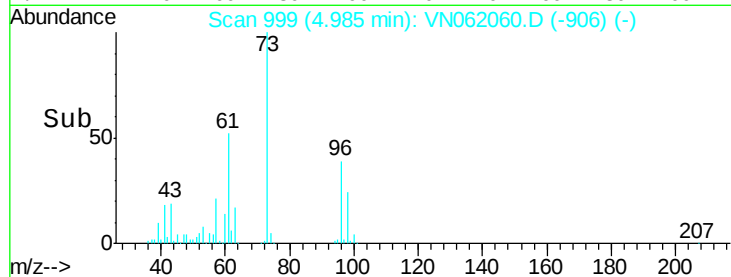
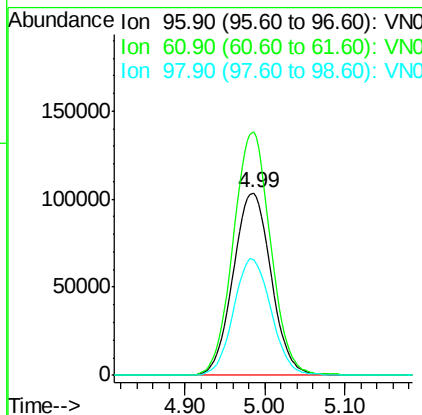
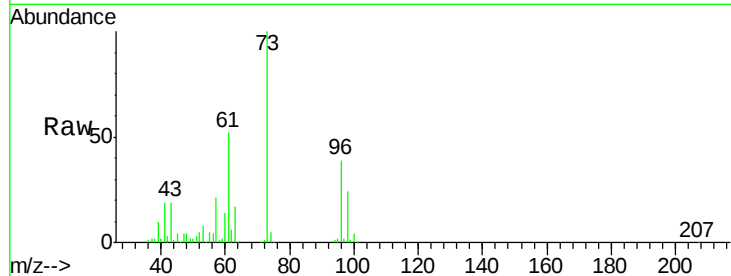
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	333936
Ion	Ratio	Lower	Upper
96	100		
61	133.6	101.4	152.2
98	63.2	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 111.528 ug/l

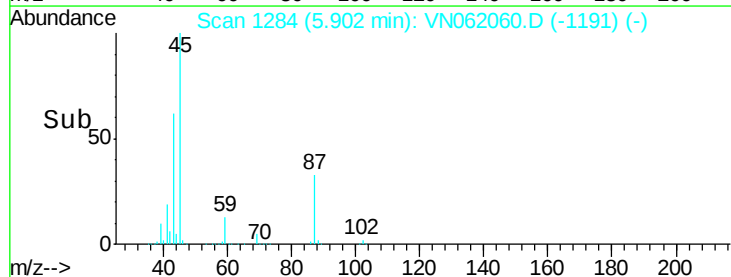
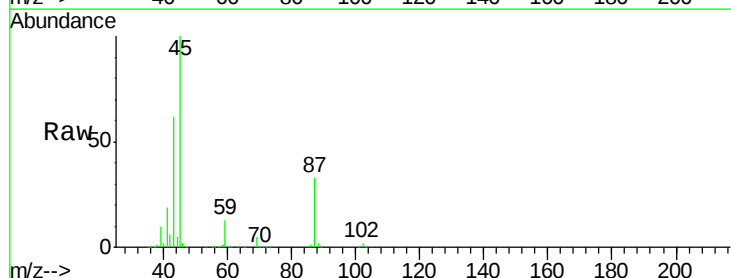
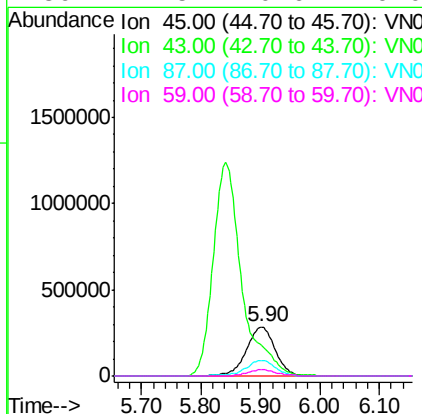
RT: 5.90 min Scan# 1284

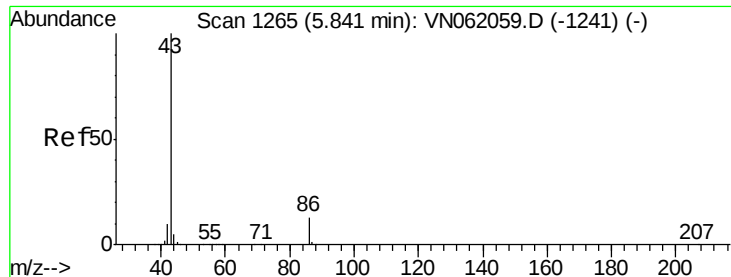
Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion:	45	Resp:	968921
Ion	Ratio	Lower	Upper
45	100		
43	61.2	49.7	74.5
87	32.5	25.9	38.9
59	12.5	10.6	16.0





#23

Vinyl Acetate

Concen: 599.385 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4140379

Ion Ratio Lower Upper

43 100

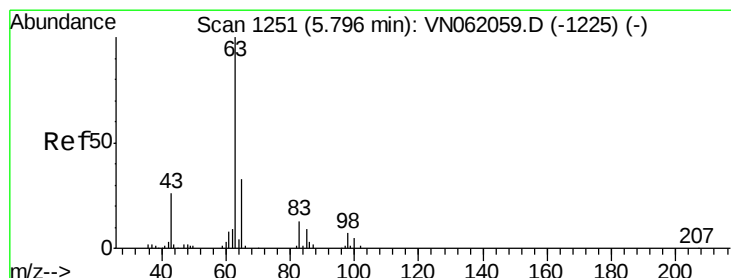
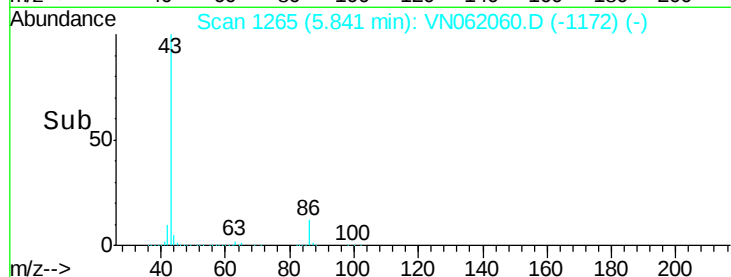
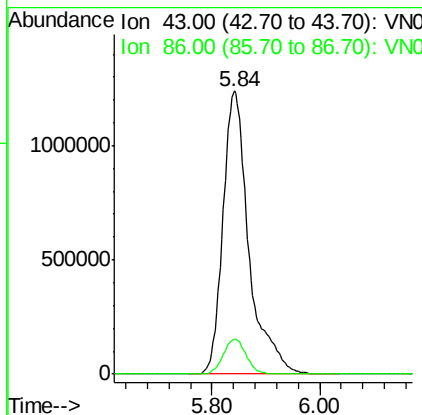
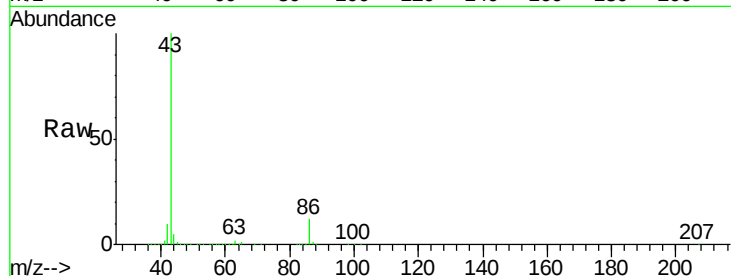
86 12.3 10.1 15.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 104.376 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

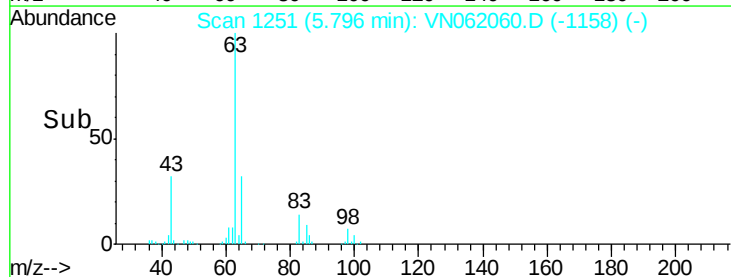
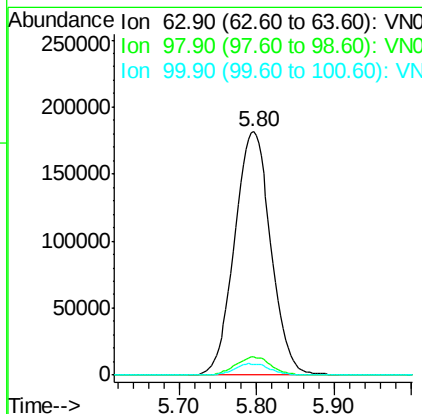
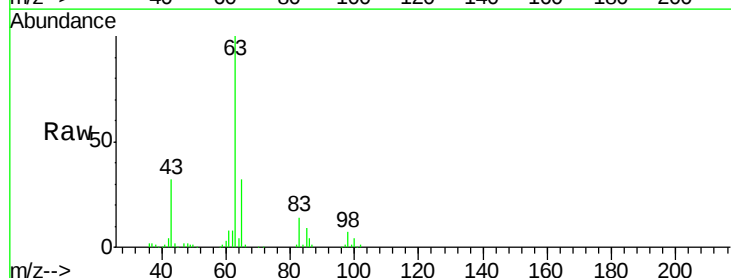
Tgt Ion: 63 Resp: 590447

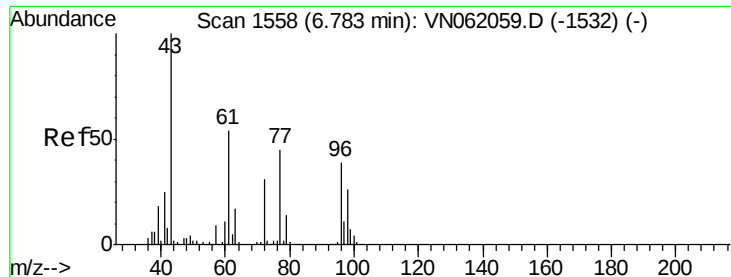
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.4 2.4 7.1





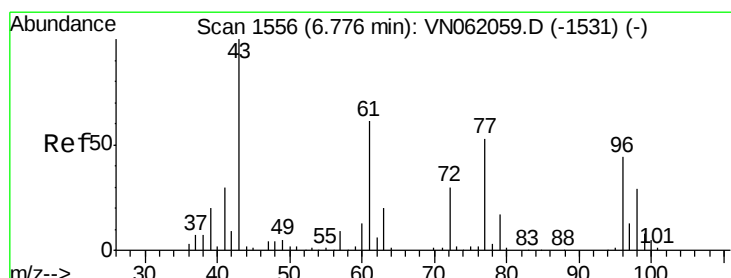
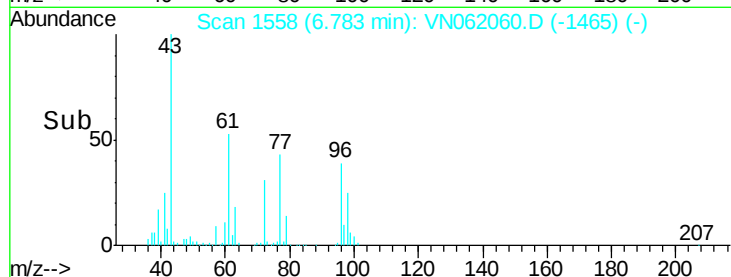
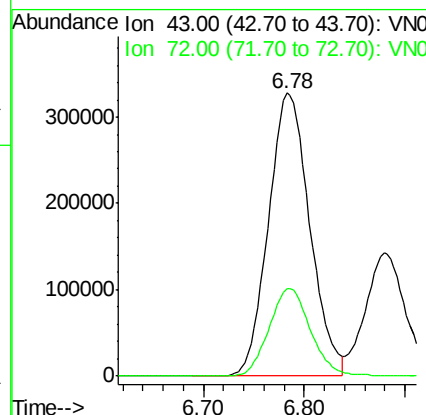
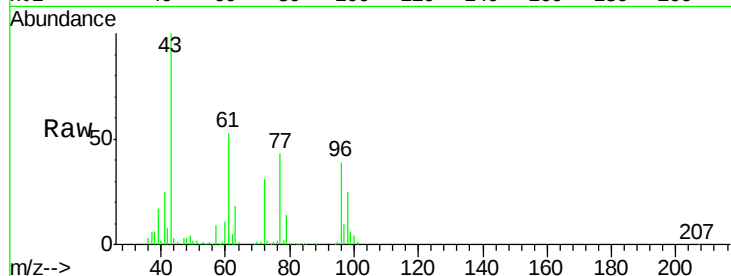
#25
2-Butanone
Concen: 566.519 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 930046
Ion Ratio Lower Upper
43 100
72 30.9 24.8 37.2

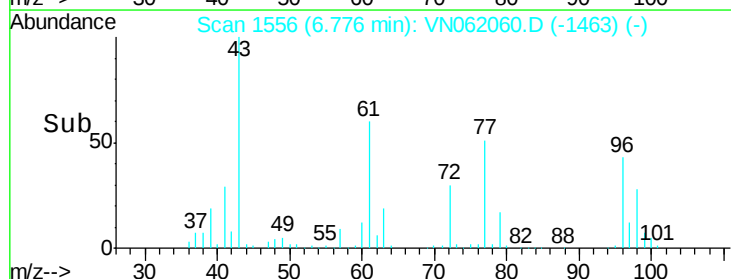
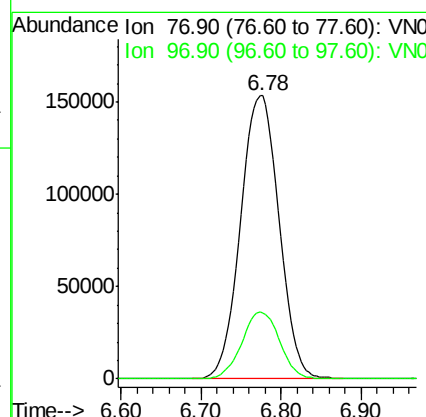
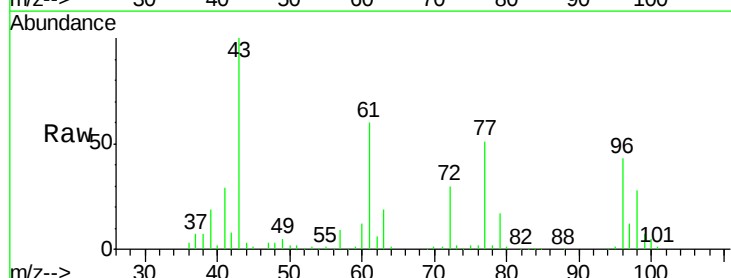
Manual Integrations
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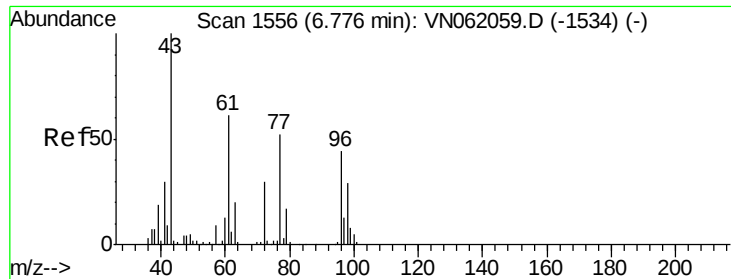
MMDadoda
6/25/2020 6:10:13 PM



#26
2,2-Dichloropropane
Concen: 104.705 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 77 Resp: 500950
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 102.849 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

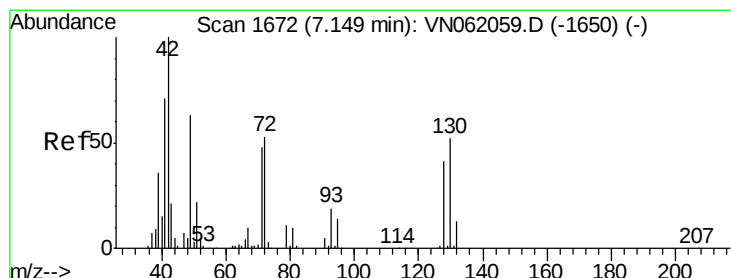
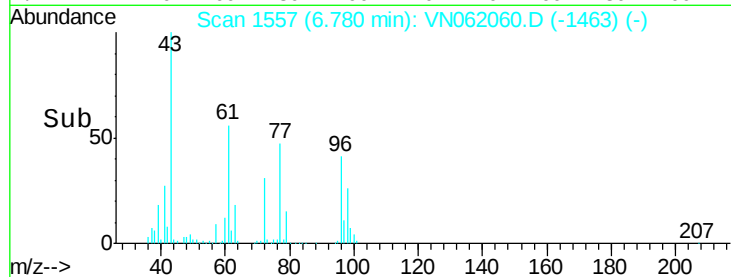
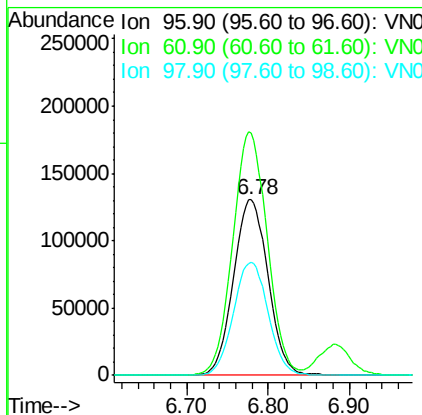
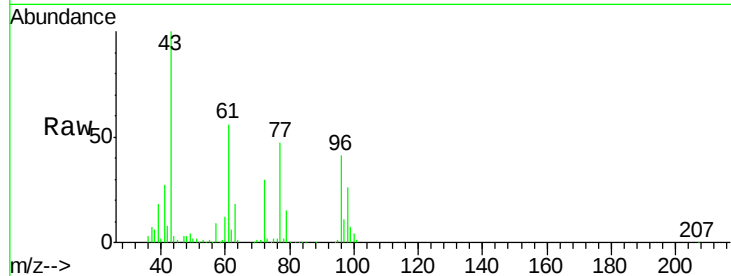
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	385050
Ion Ratio	Lower	Upper	
96	100		
61	138.0	0.0	280.4
98	64.5	0.0	129.4

Manual Integrations
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6/25/2020 6:10:13 PM



#28

Bromochloromethane

Concen: 107.588 ug/l

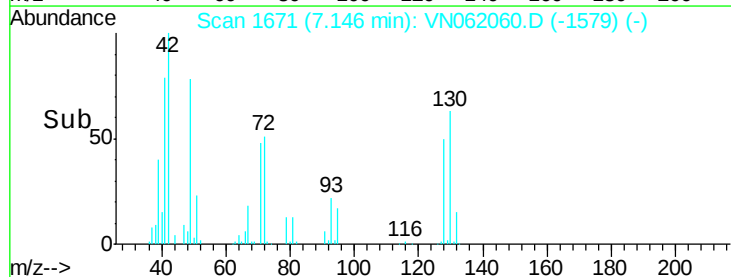
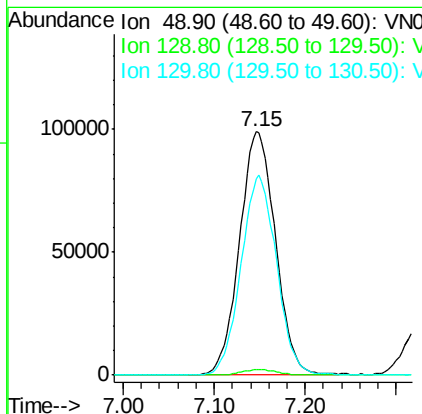
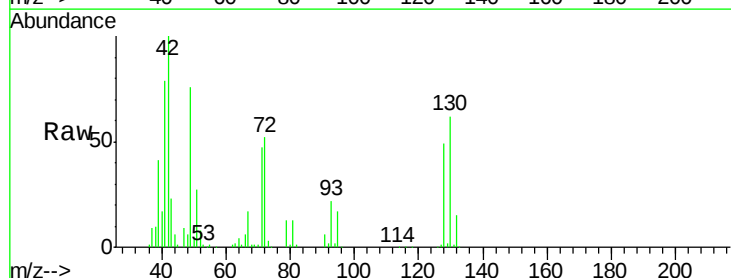
RT: 7.15 min Scan# 1671

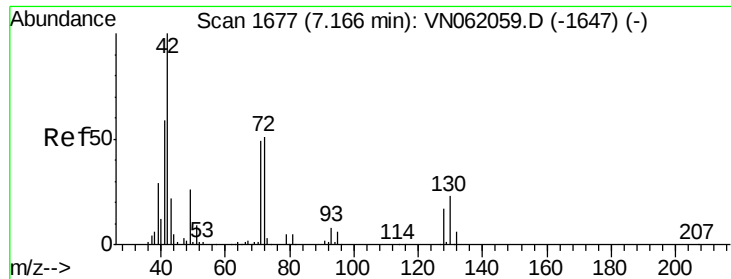
Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion:	49	Resp:	271998
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	81.3	65.5	98.3





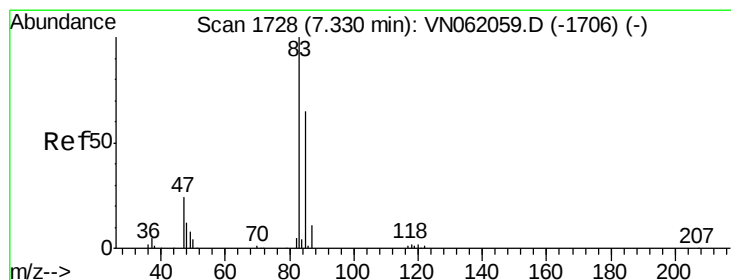
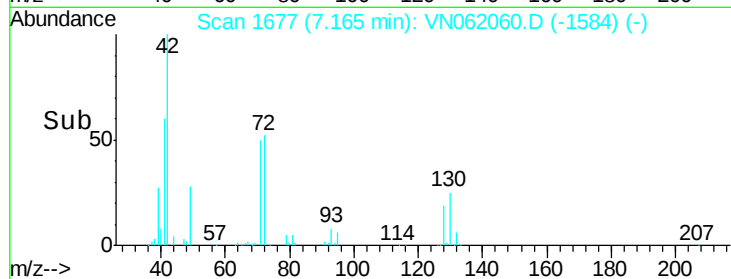
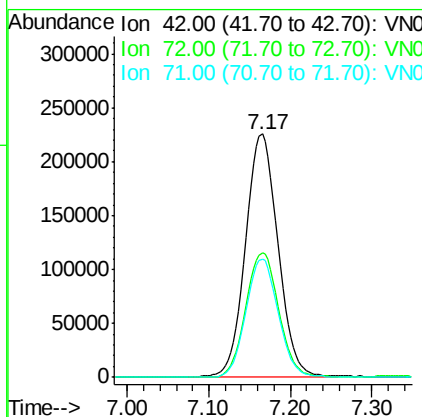
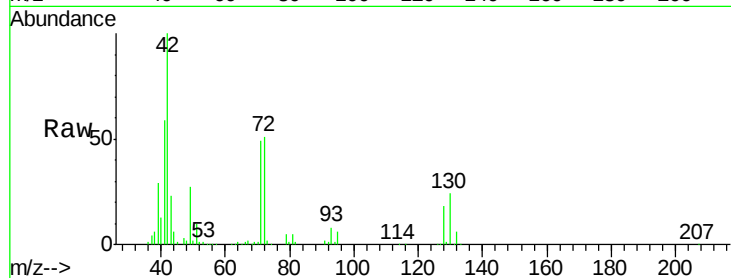
#29
Tetrahydrofuran
Concen: 571.952 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	41.1	61.7
71	48.5	38.2	57.4

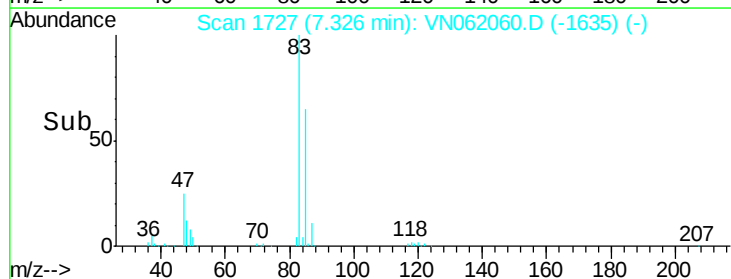
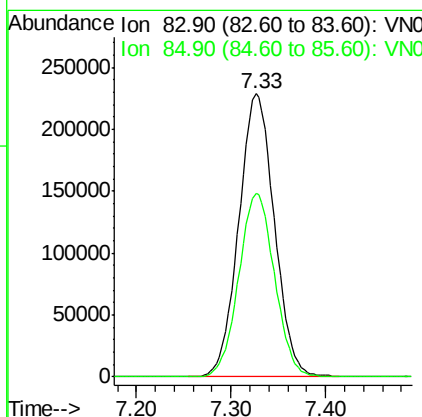
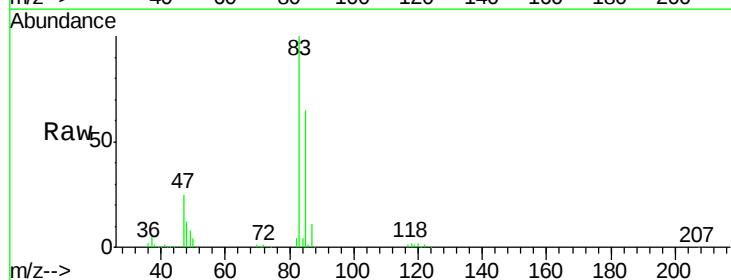
Manual Integrations
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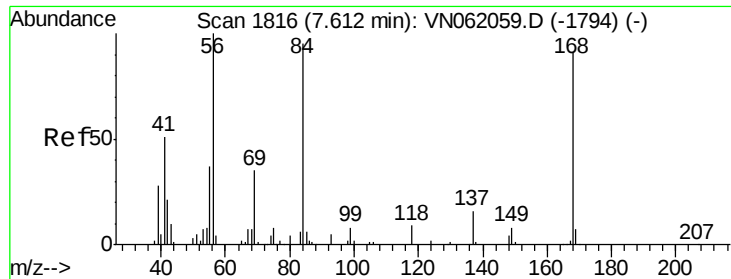
MMDadoda
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#30
Chloroform
Concen: 99.566 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.3	78.5





#31

Cyclohexane

Concen: 103.214 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

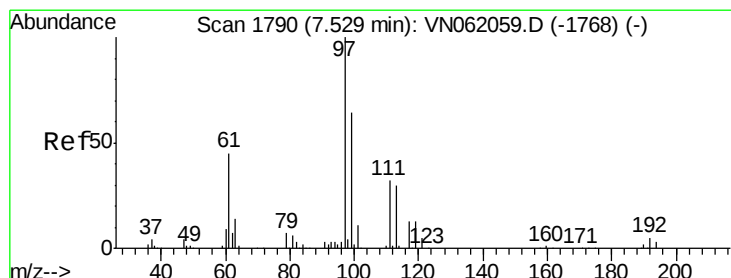
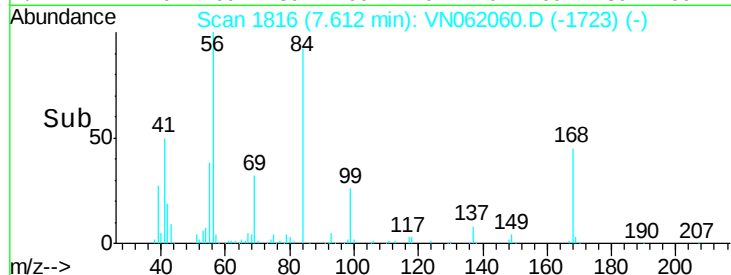
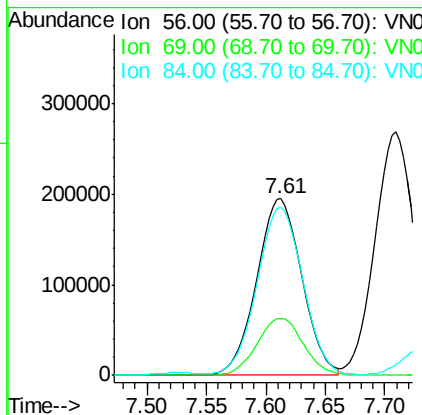
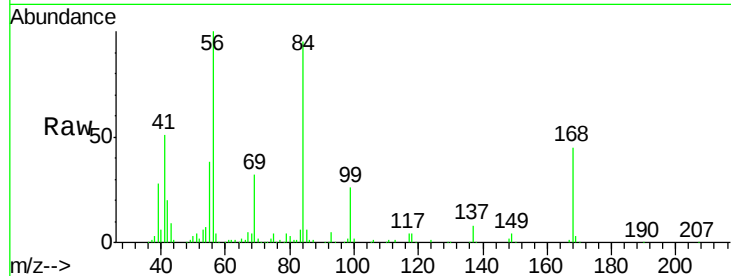
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	511912
Ion Ratio	Lower	Upper	
56	100		
69	32.4	28.0	42.0
84	93.8	76.1	114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 101.335 ug/l

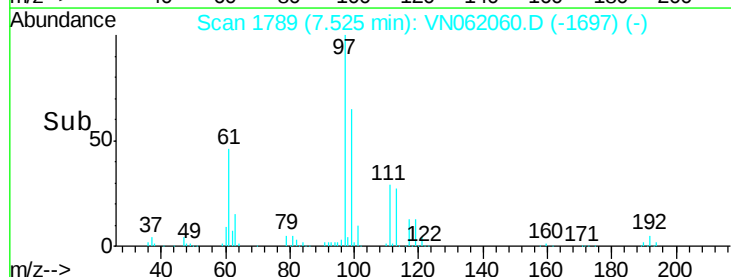
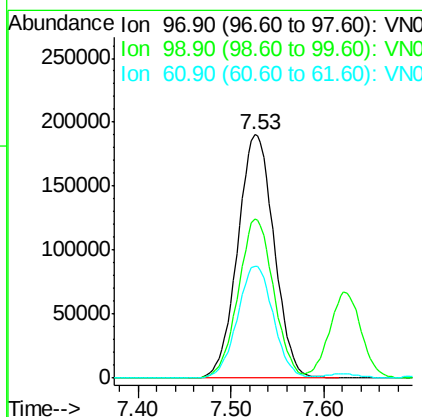
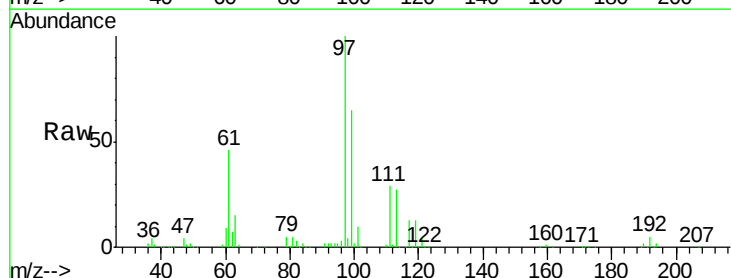
RT: 7.53 min Scan# 1789

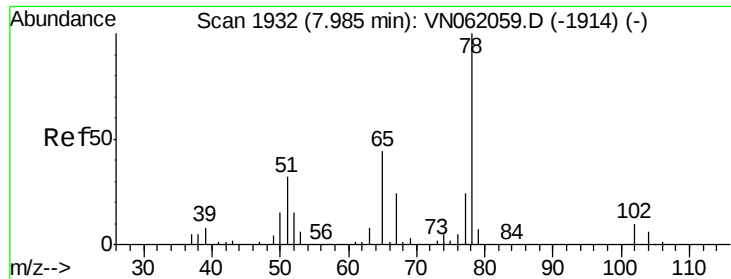
Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion:	97	Resp:	517860
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.0	76.4
61	45.5	36.2	54.2





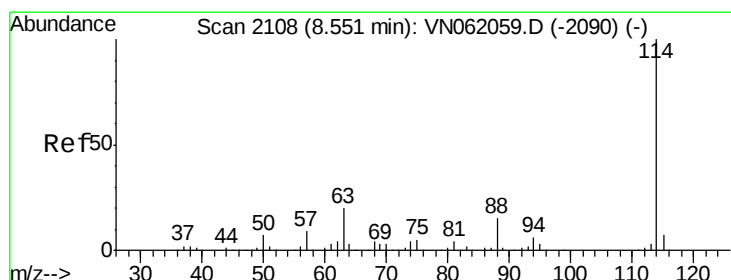
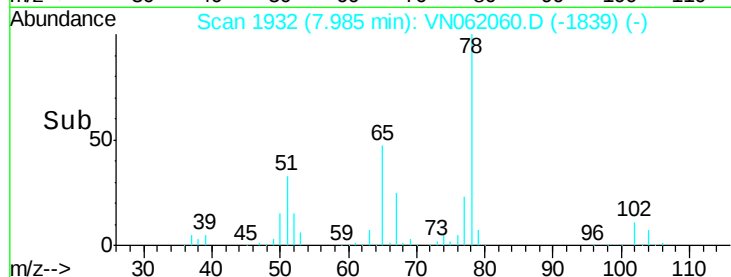
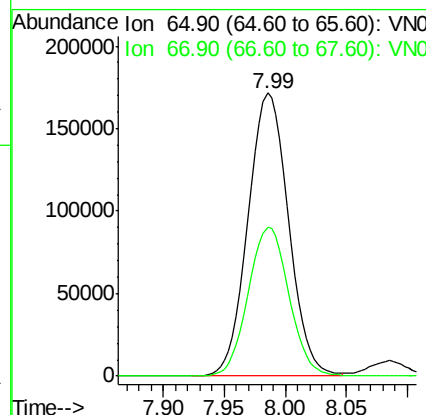
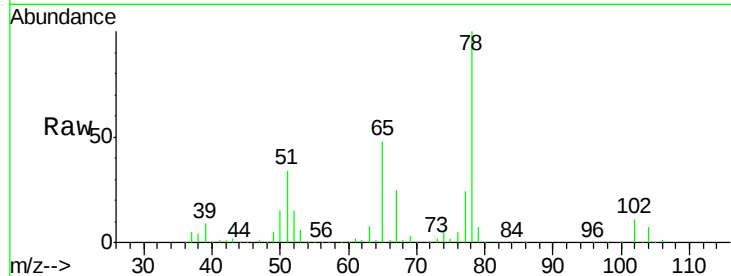
#33
 1,2-Dichloroethane-d4
 Concen: 106.193 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	394792		
67	53.0	0.0	106.2	

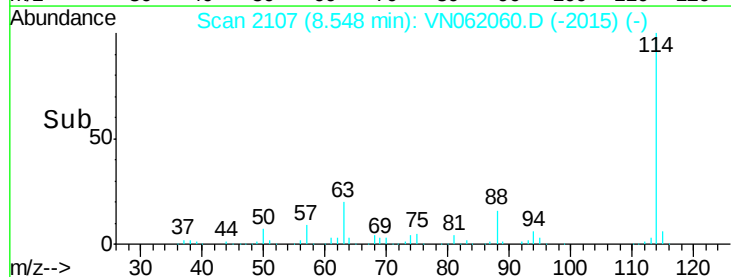
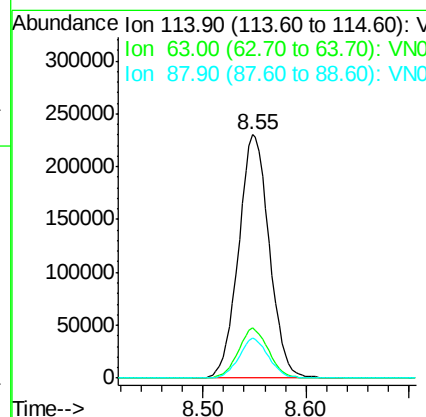
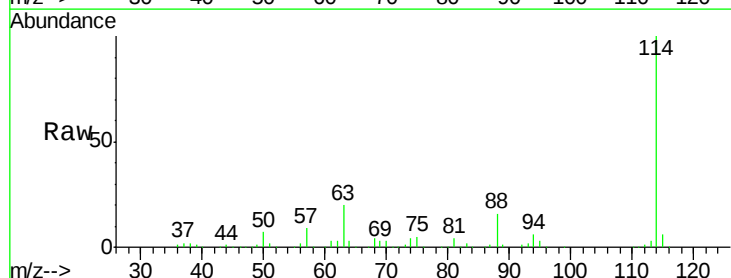
Manual Integrations
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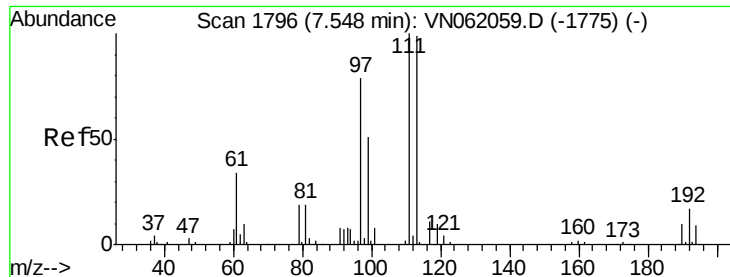
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 6/25/2020 6:10:13 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	477553		
63	20.5	0.0	39.2	
88	16.2	0.0	30.8	





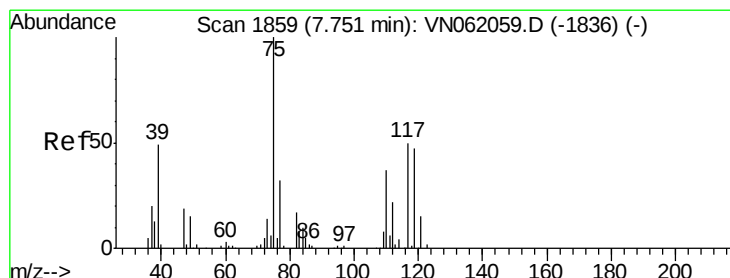
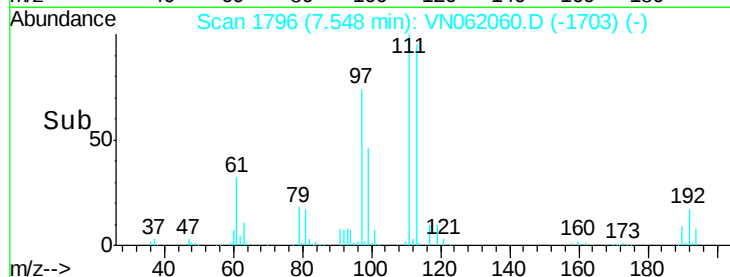
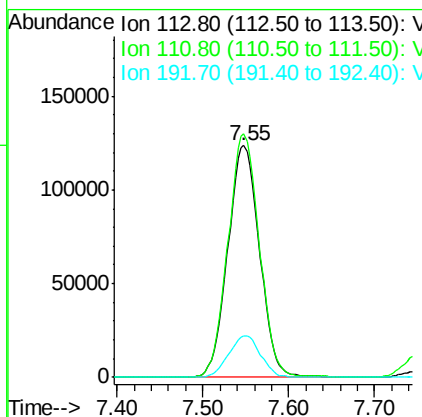
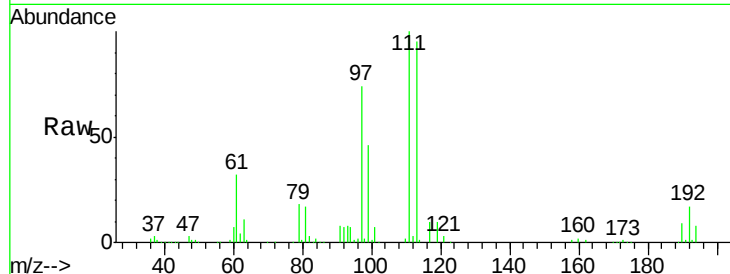
#35
Dibromofluoromethane
Concen: 104.528 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.1	82.2	123.4	
192	18.1	14.0	21.0	

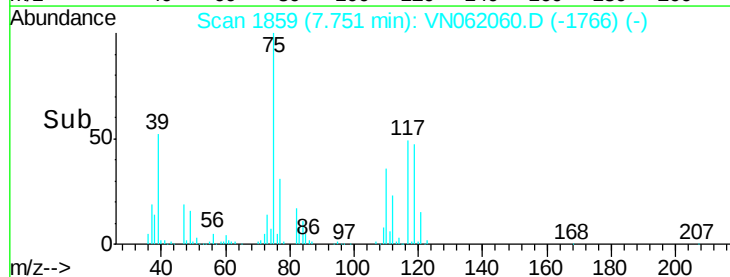
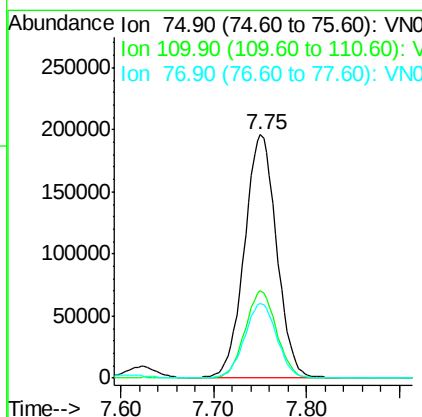
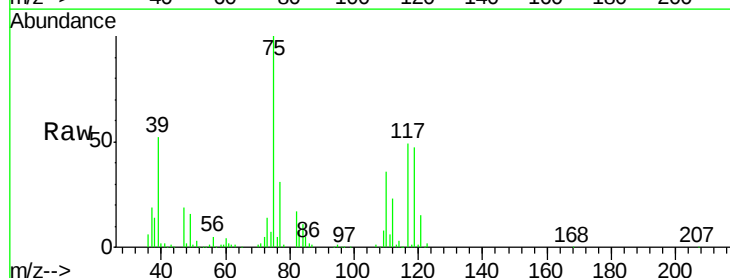
Manual Integrations
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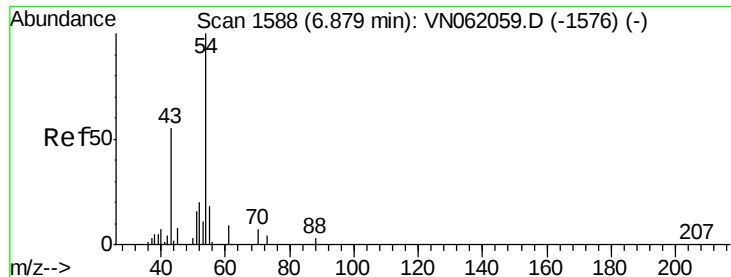
MMDadoda
6/25/2020 6:10:13 PM



#36
1,1-Dichloropropene
Concen: 107.791 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.3	17.9	53.8	
77	31.0	24.9	37.3	





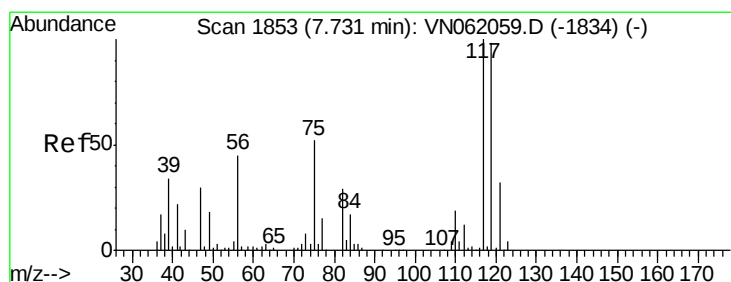
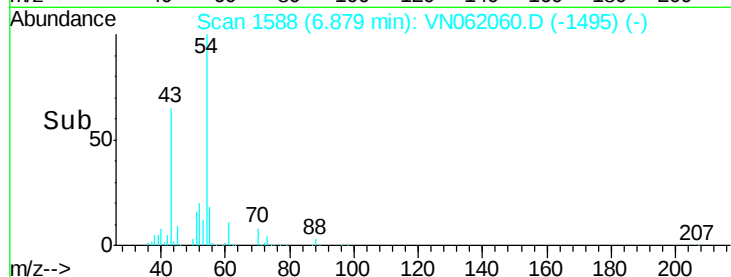
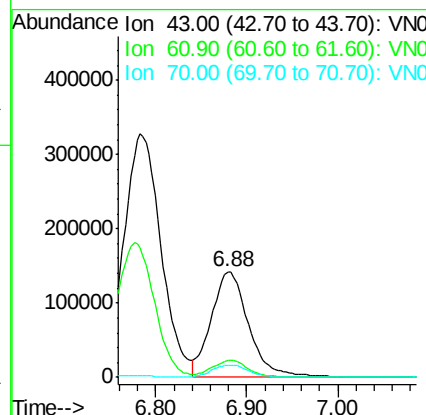
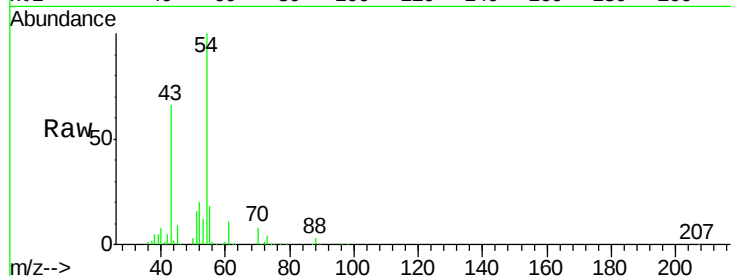
#37
Ethyl Acetate
Concen: 115.342 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.0	18.0
70	11.7	9.6	14.4

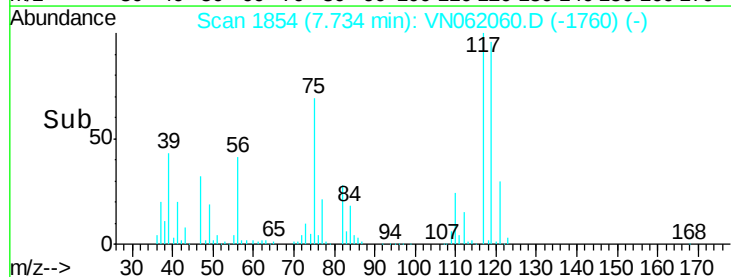
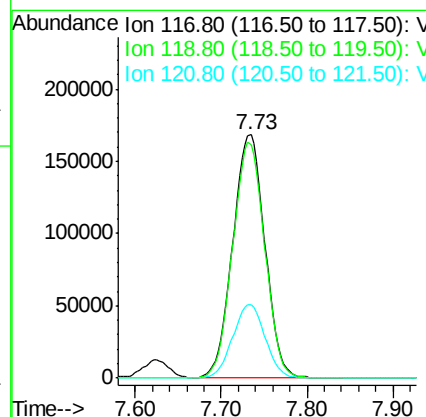
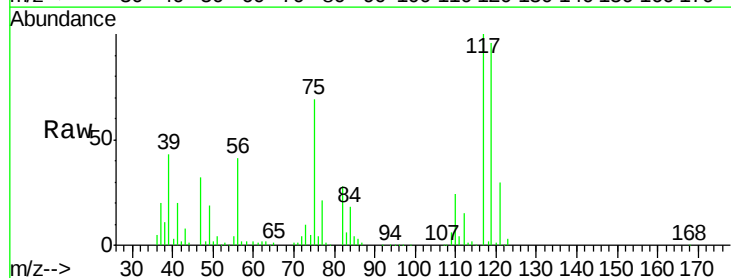
Manual Integrations
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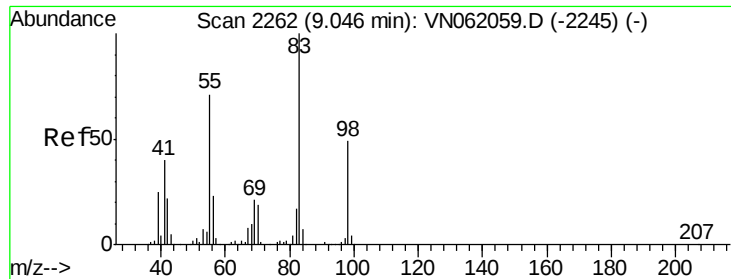
MMDadoda
6/25/2020 6:10:13 PM



#38
Carbon Tetrachloride
Concen: 101.553 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	117.2
121	30.4	25.8	38.6





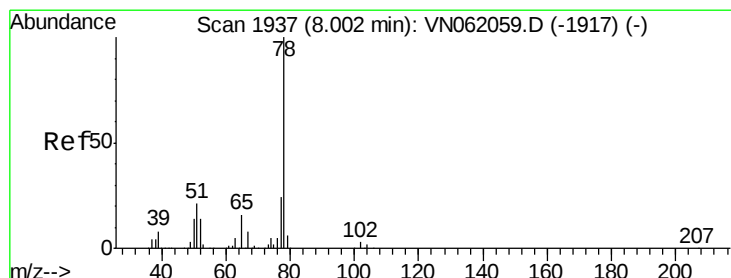
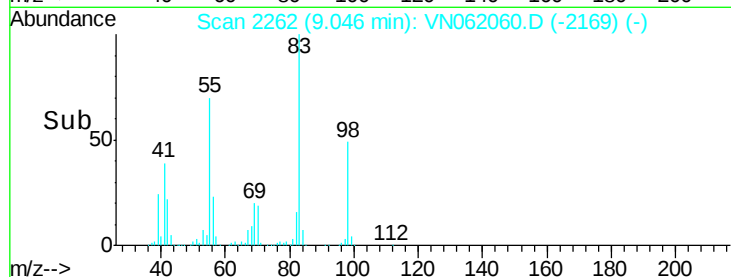
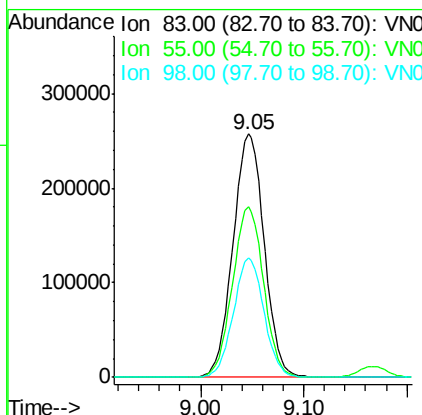
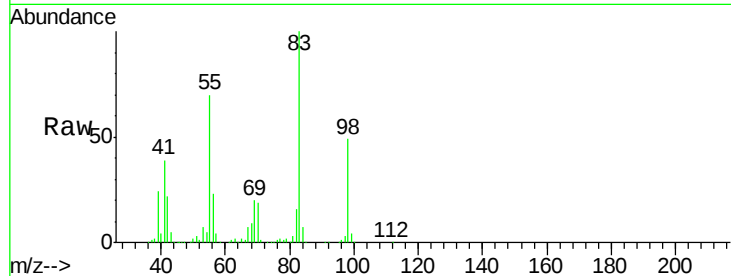
#39
Methvlcvclohexane
Concen: 115.540 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	543388
Ion Ratio	Lower	Upper	
83	100		
55	70.1	57.0	85.6
98	49.1	39.0	58.6

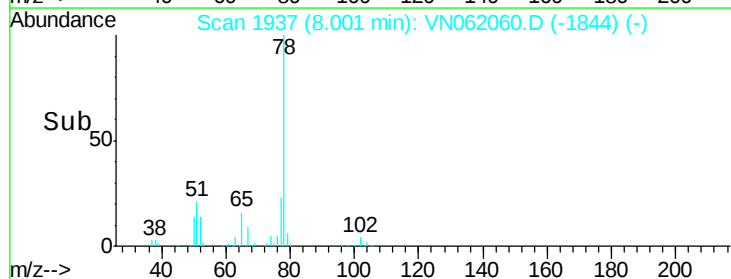
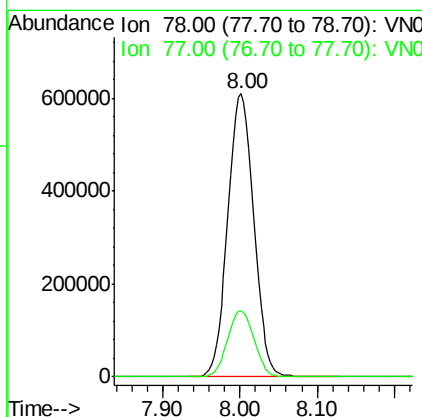
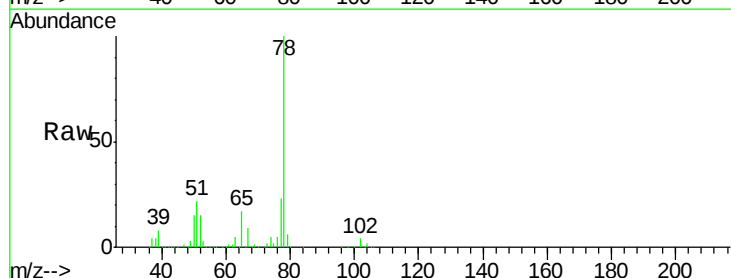
Manual Integrations
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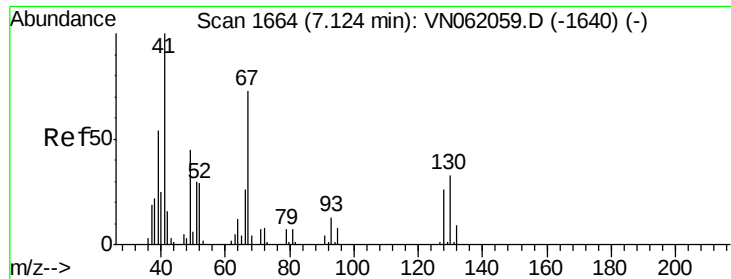
MMDadoda
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#40
Benzene
Concen: 106.741 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	78	Resp	1418433
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.5	29.3





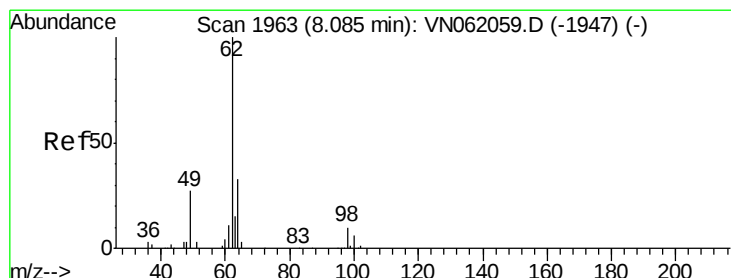
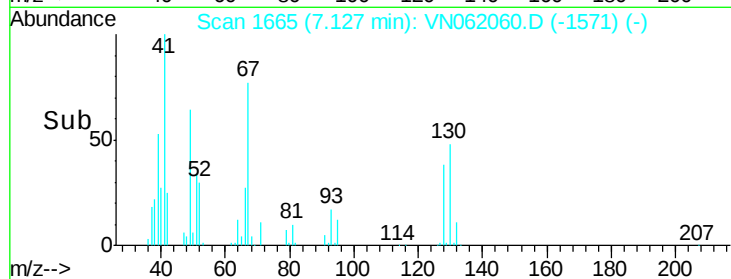
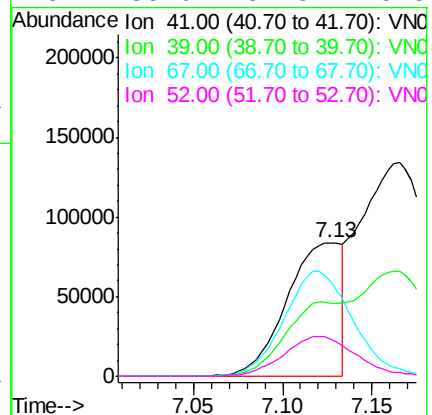
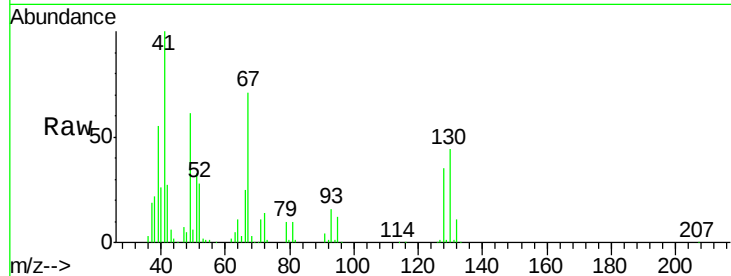
#41
Methacrylonitrile
Concen: 119.128 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	46.0	44.2	66.2	
67	98.6	79.5	119.3	
52	38.9	32.3	48.5	

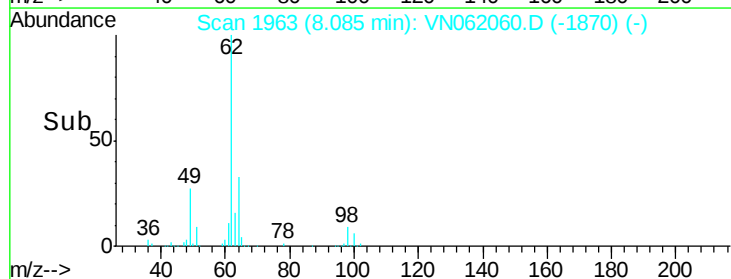
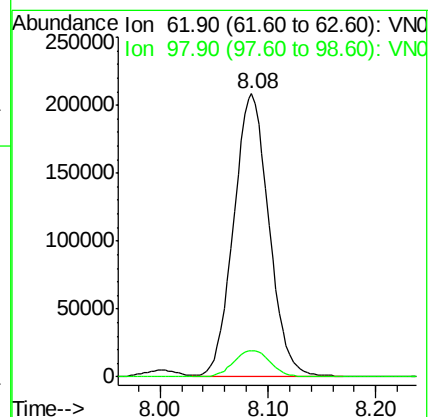
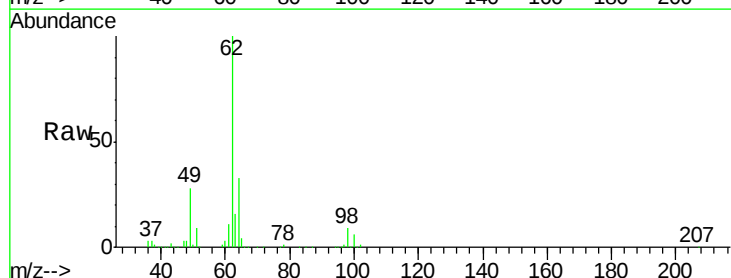
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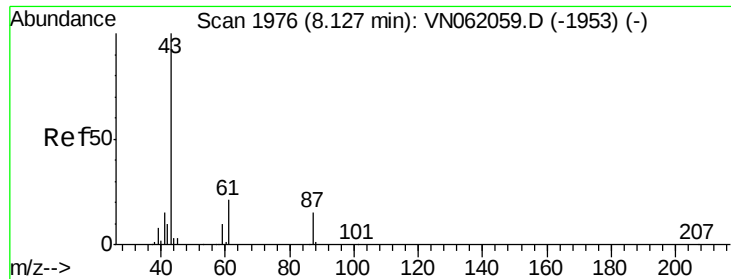
MMDadoda
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#42
1,2-Dichloroethane
Concen: 104.675 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.8	





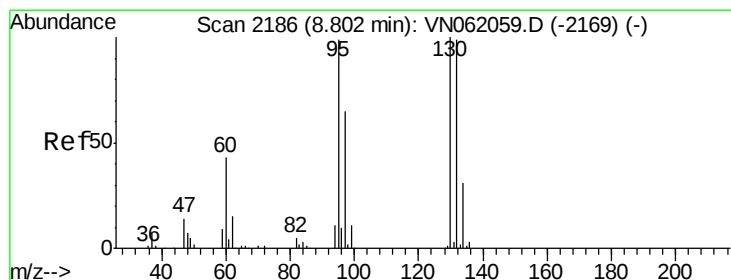
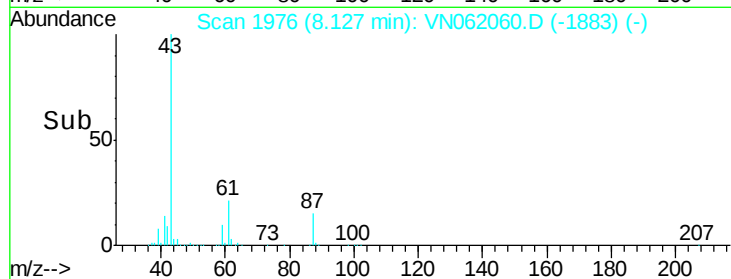
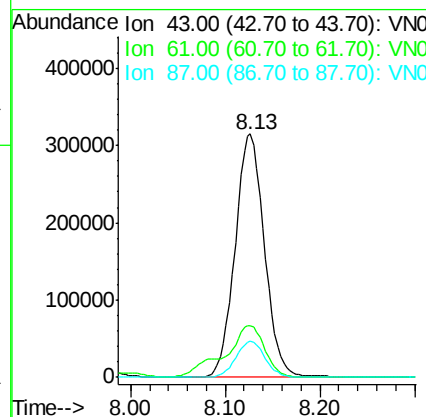
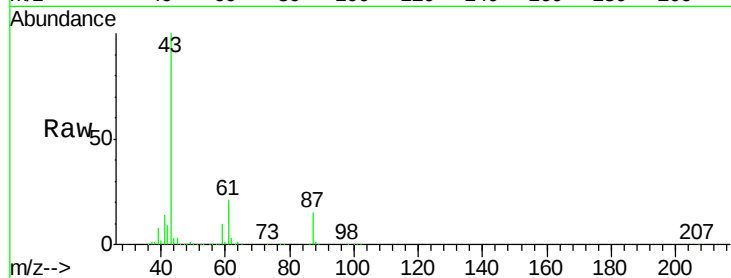
#43
Isopropyl Acetate
Concen: 116.863 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	17.2	25.8
87	14.7	12.1	18.1

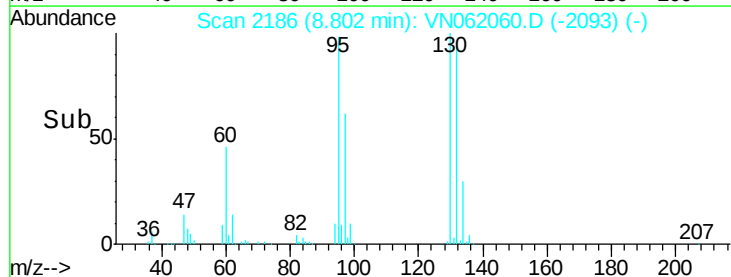
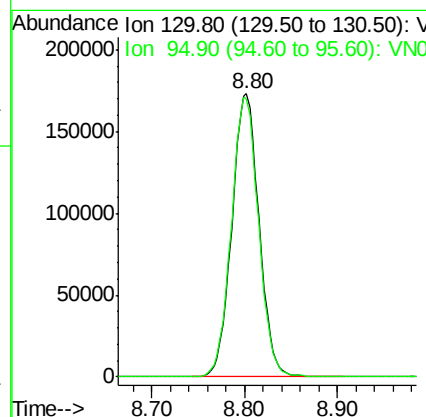
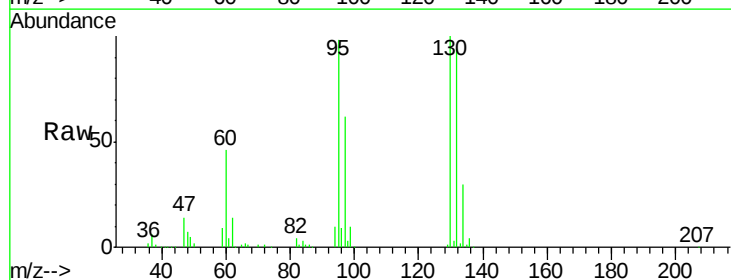
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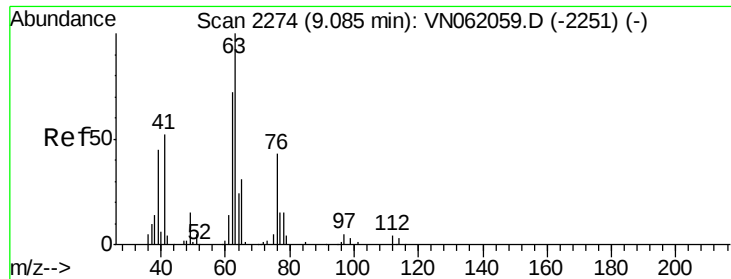
MMDadoda
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#44
Trichloroethene
Concen: 101.430 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	197.8





#45

1,2-Dichloropropane

Concen: 109.470 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 357055

Ion Ratio Lower Upper

63 100

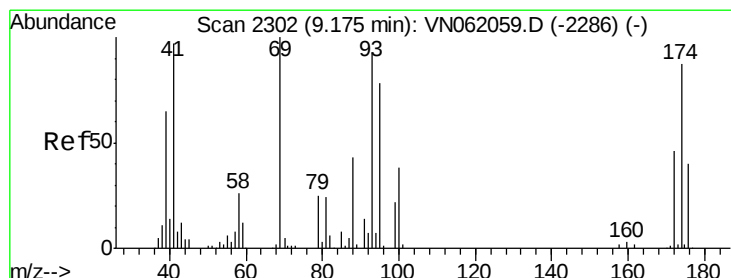
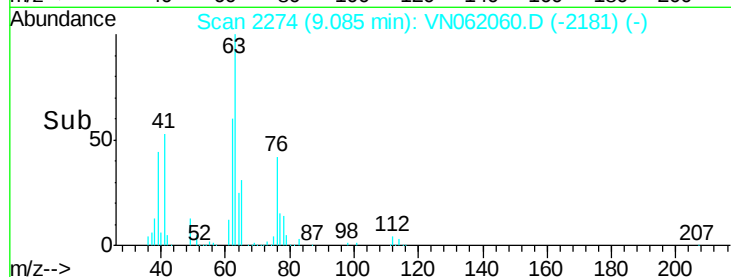
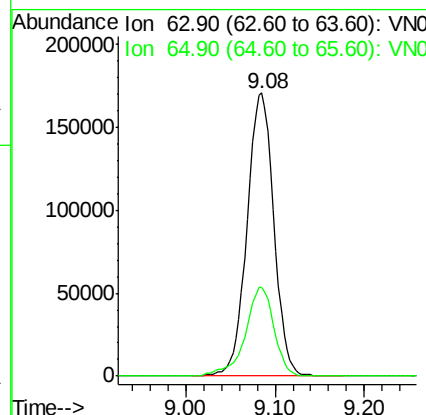
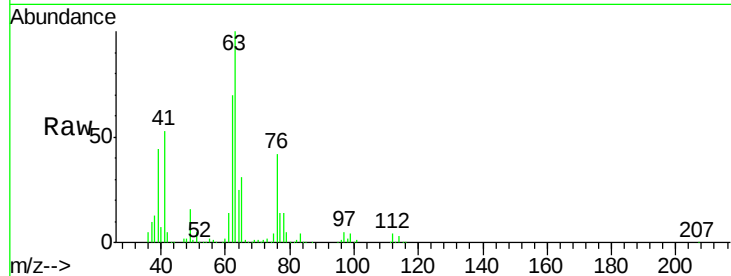
65 31.5 25.0 37.4

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#46

Dibromomethane

Concen: 105.168 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

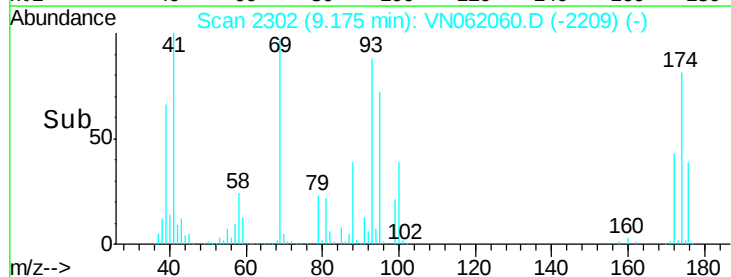
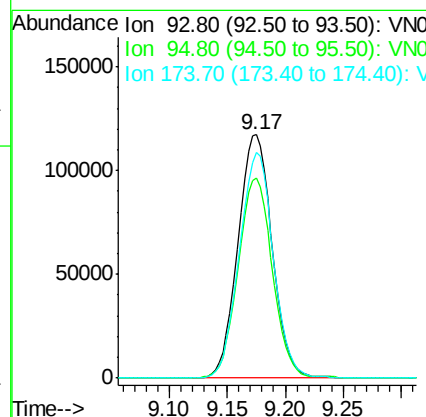
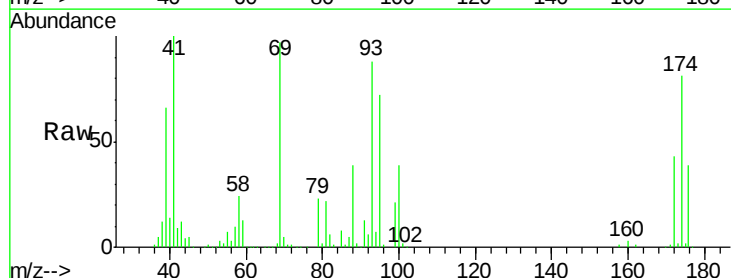
Tgt Ion: 93 Resp: 240120

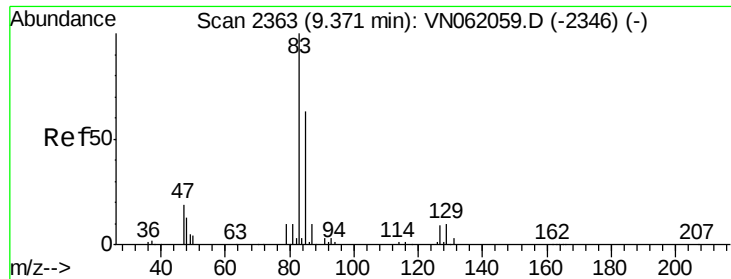
Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.6

174 92.2 74.4 111.6





#47

Bromodichloromethane

Concen: 105.134 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

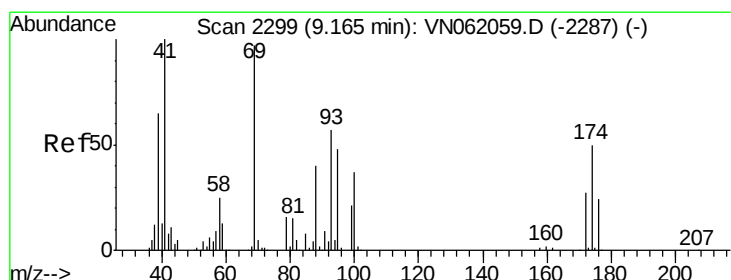
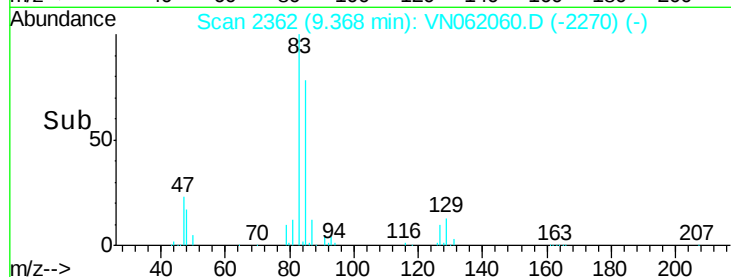
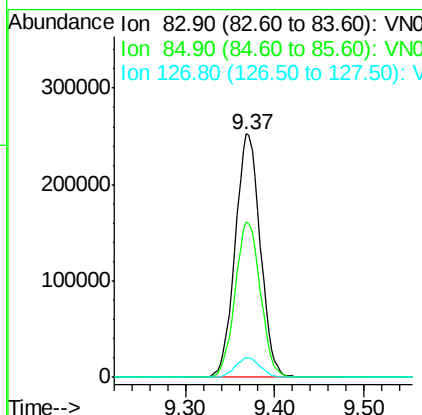
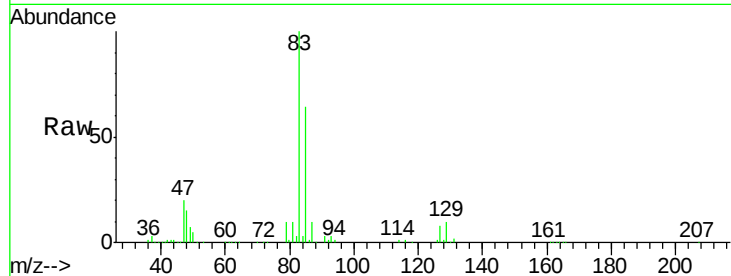
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	493012
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.3	75.5
127	8.2	6.9	10.3

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#48

Methyl methacrylate

Concen: 117.718 ug/l

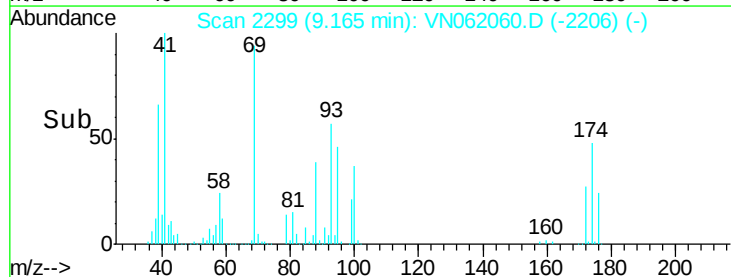
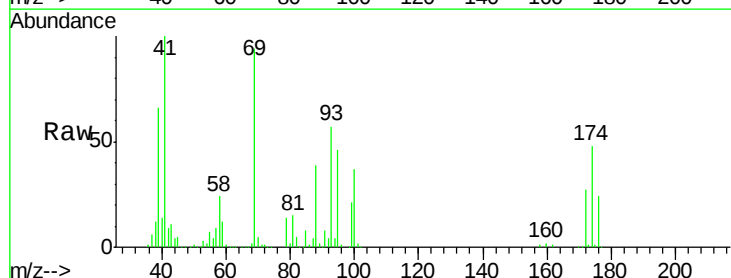
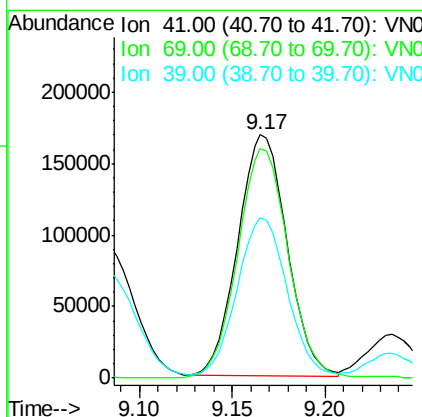
RT: 9.17 min Scan# 2299

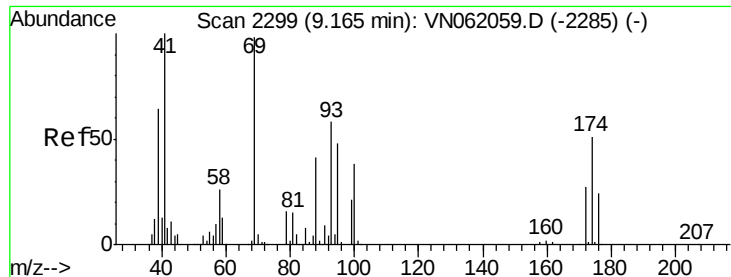
Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion:	41	Resp:	311431
Ion Ratio	Lower	Upper	
41	100		
69	98.6	80.7	121.1
39	68.0	54.5	81.7





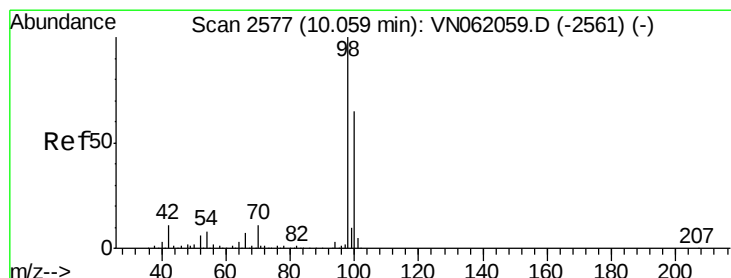
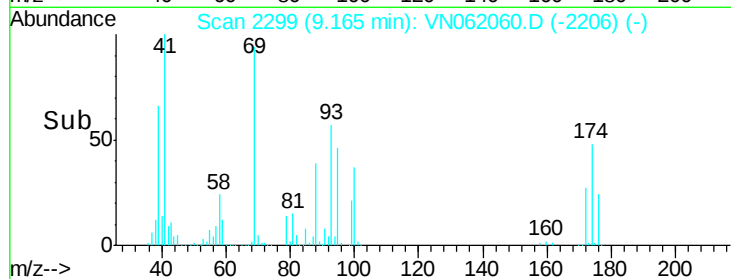
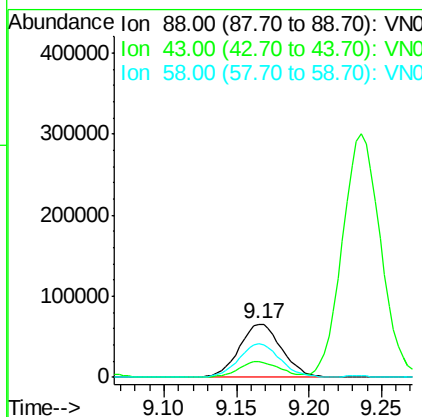
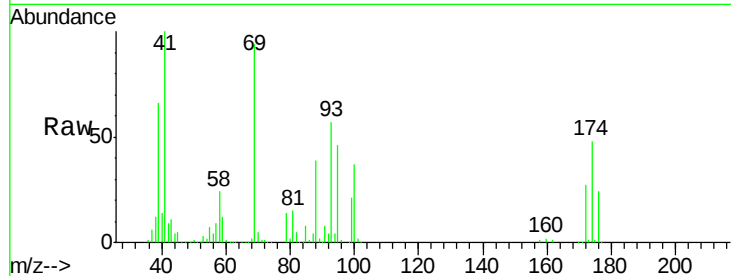
#49
1,4-Dioxane
Concen: 2203.784 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.0	33.0
58	61.6	49.2	73.8

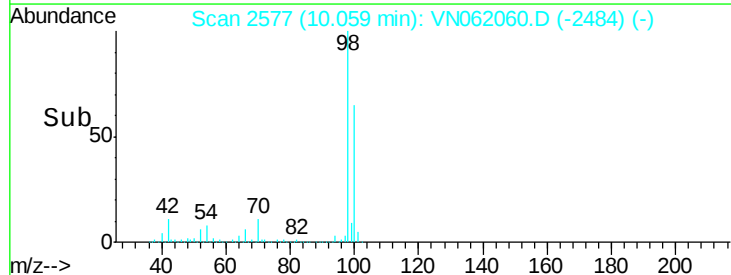
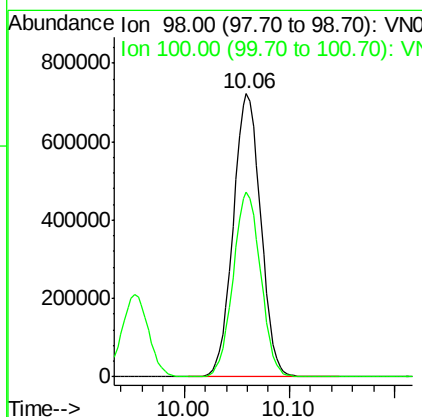
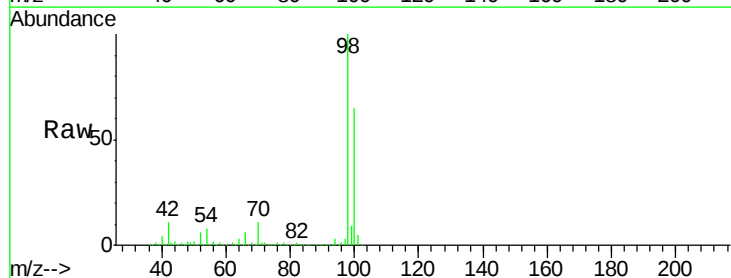
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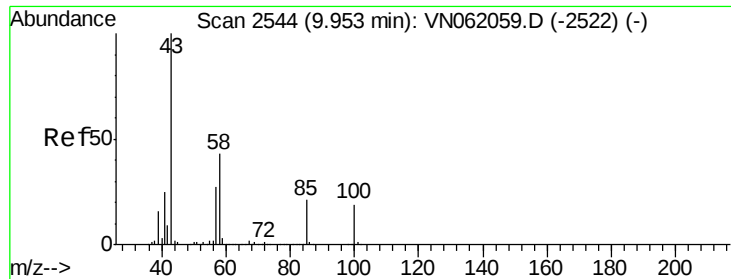
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#50
Toluene-d8
Concen: 109.082 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 588.538 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2026540

Ion Ratio Lower Upper

43 100

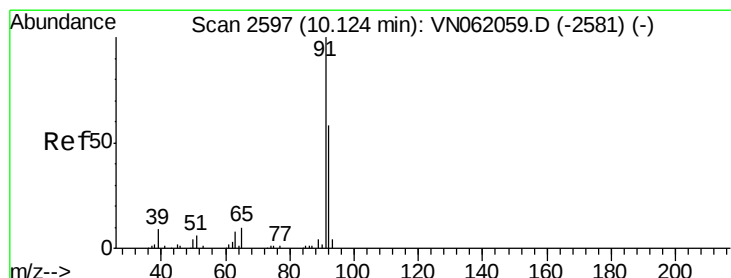
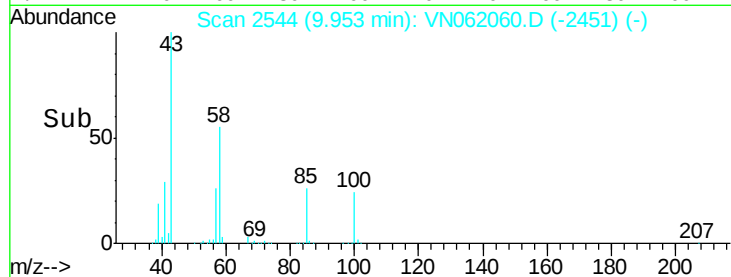
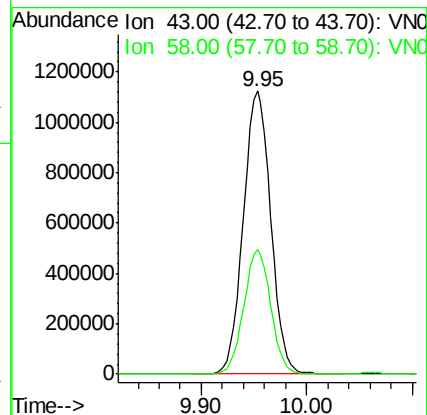
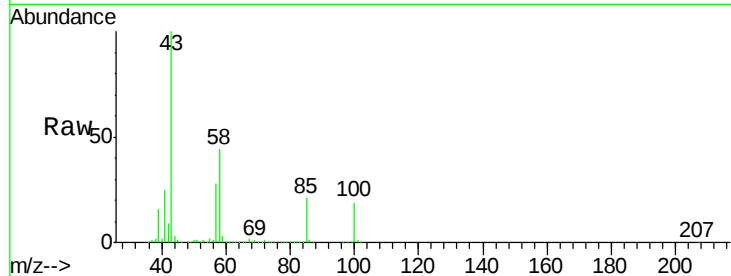
58 43.2 34.2 51.2

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#52

Toluene

Concen: 109.620 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062060.D

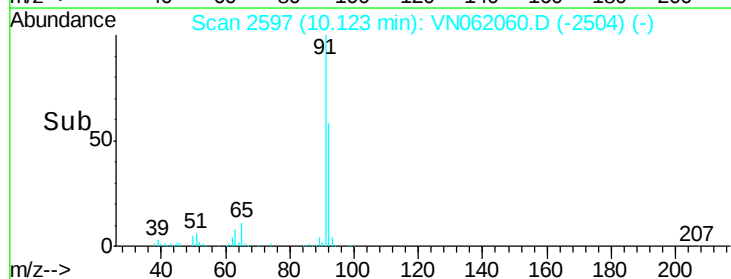
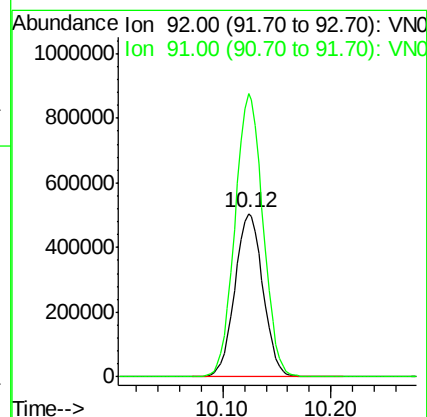
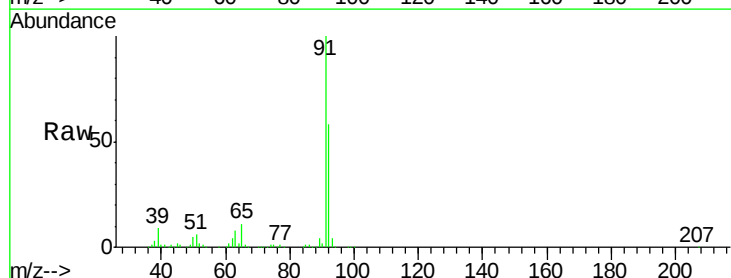
Acq: 24 Jun 2020 11:18

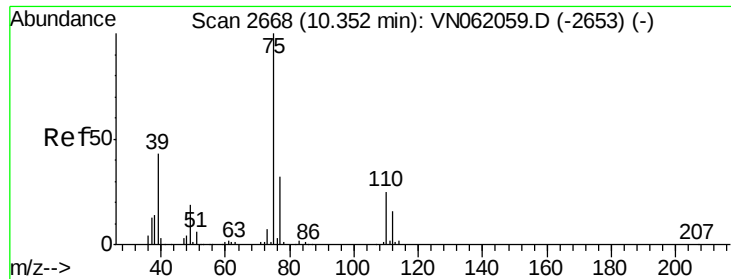
Tgt Ion: 92 Resp: 912547

Ion Ratio Lower Upper

92 100

91 173.5 137.4 206.0





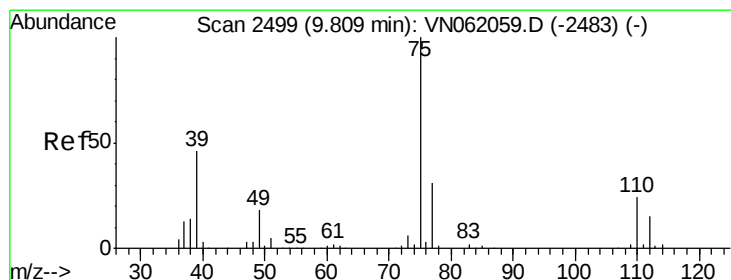
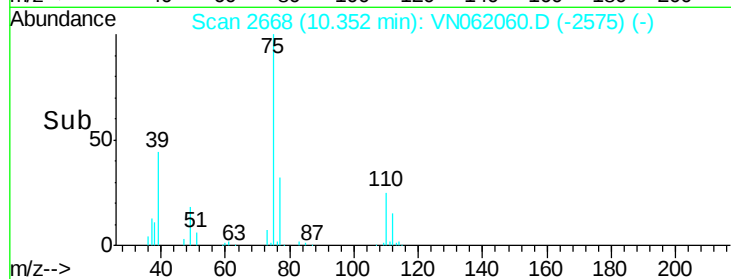
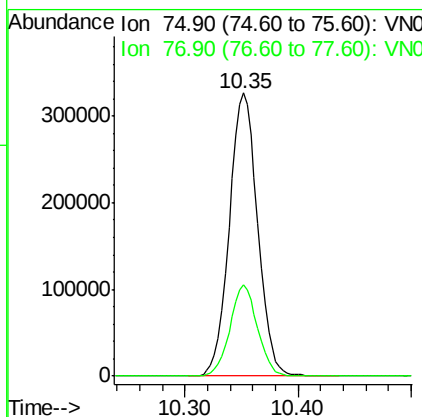
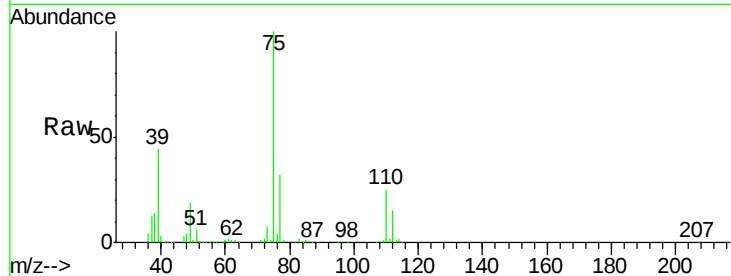
#53
 t-1,3-Dichloropropene
 Concen: 113.418 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3

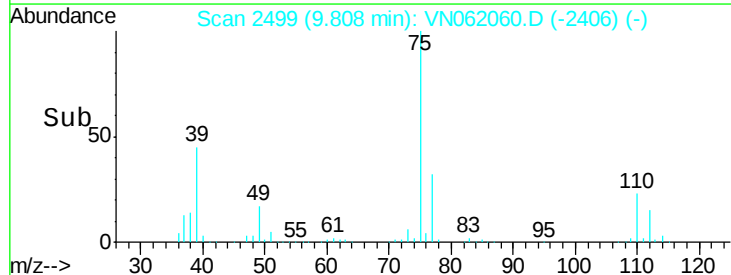
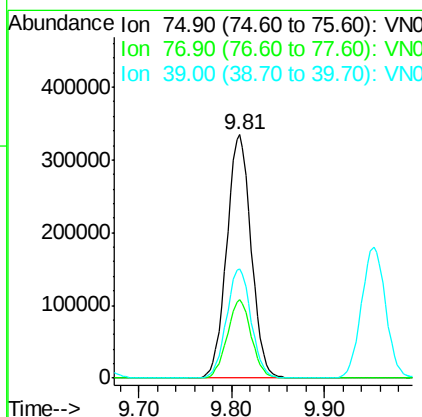
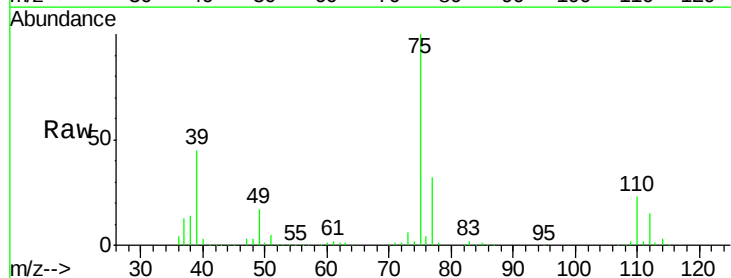
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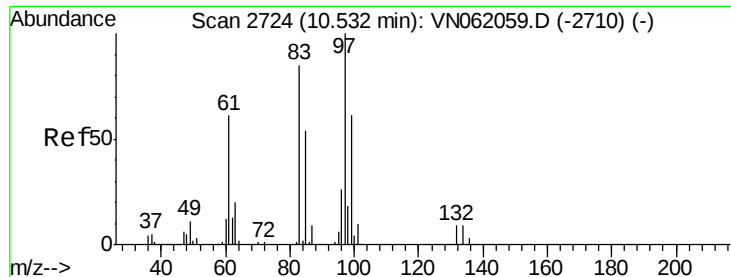
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#54
 cis-1,3-Dichloropropene
 Concen: 112.447 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.6
39	44.8	36.9	55.3





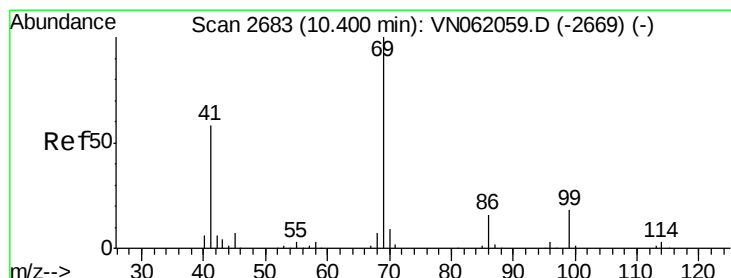
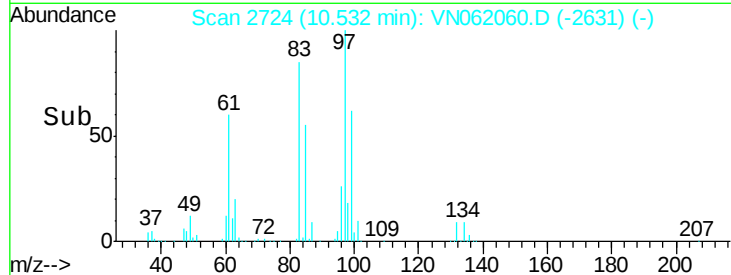
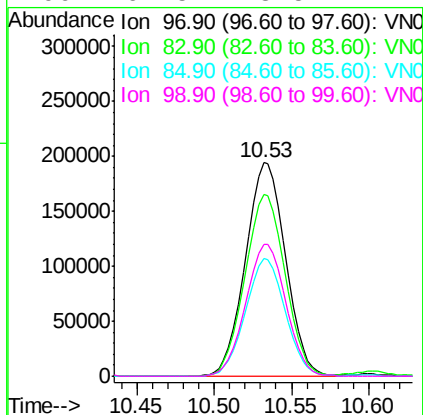
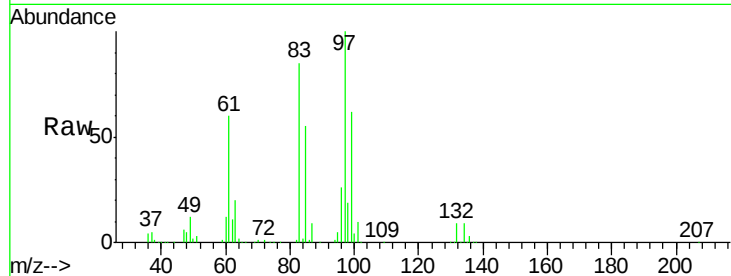
#55
 1,1,2-Trichloroethane
 Concen: 107.309 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	351871
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.2
85	55.1	43.2	64.8
99	61.5	48.5	72.7

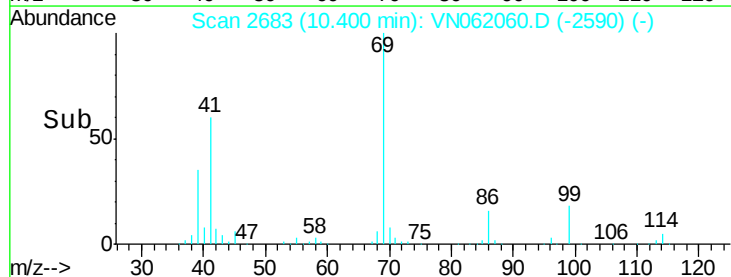
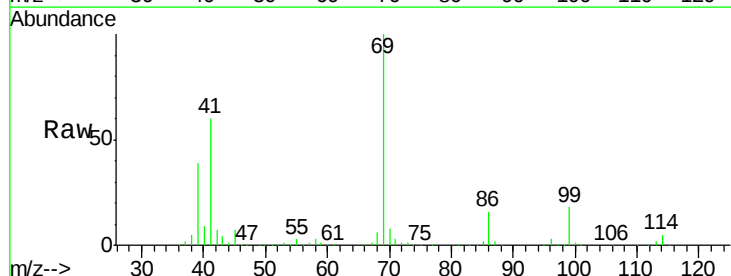
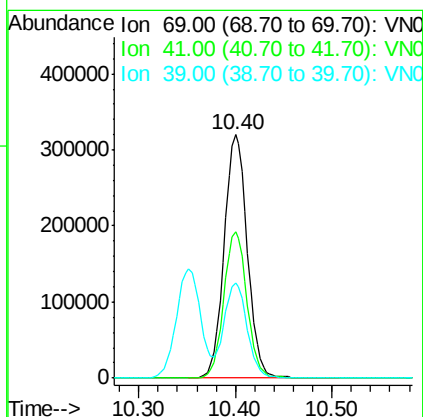
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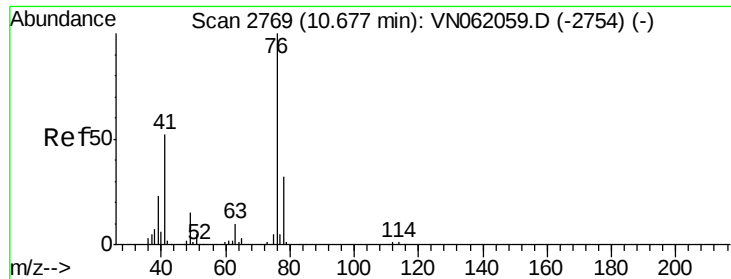
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#56
 Ethyl methacrylate
 Concen: 120.930 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion:	69	Resp:	530821
Ion	Ratio	Lower	Upper
69	100		
41	59.3	46.6	70.0
39	38.6	31.0	46.4





#57

1,3-Dichloropropane

Concen: 108.958 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 605597

Ion Ratio Lower Upper

76 100

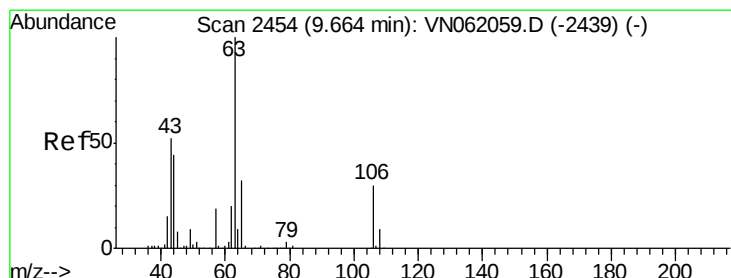
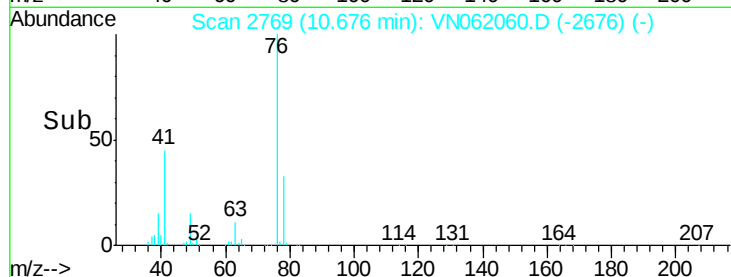
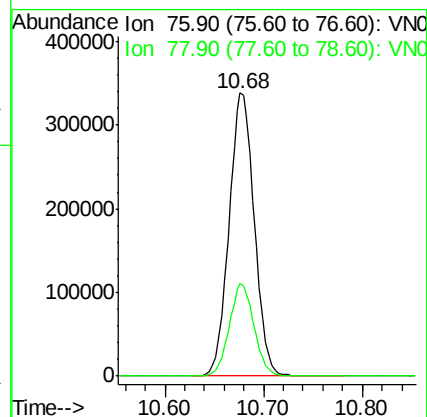
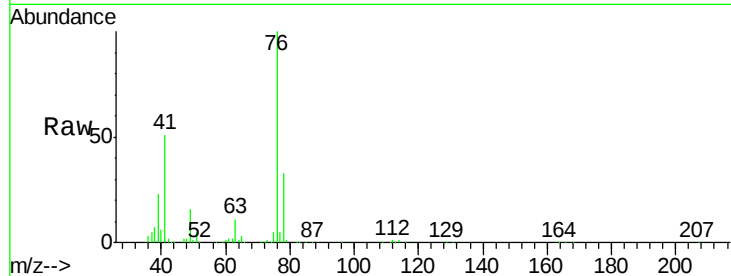
78 32.1 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 576.143 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062060.D

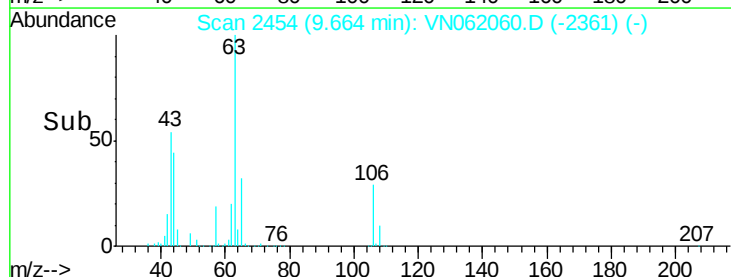
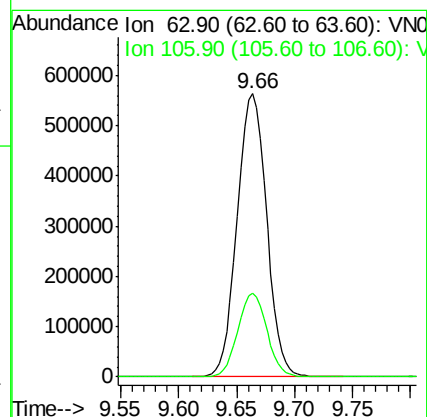
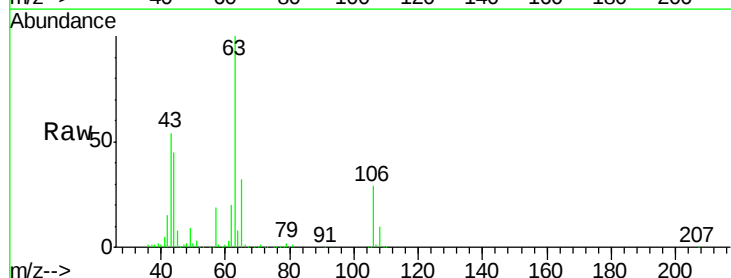
Acq: 24 Jun 2020 11:18

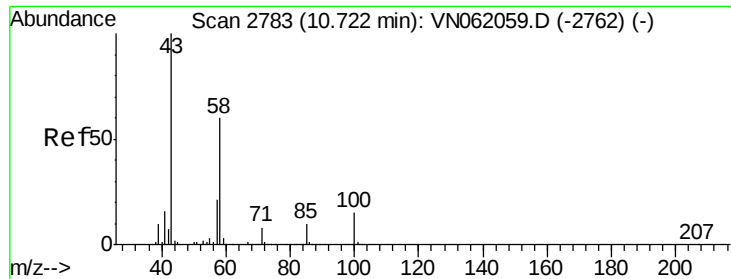
Tgt Ion: 63 Resp: 995844

Ion Ratio Lower Upper

63 100

106 29.1 23.2 34.8





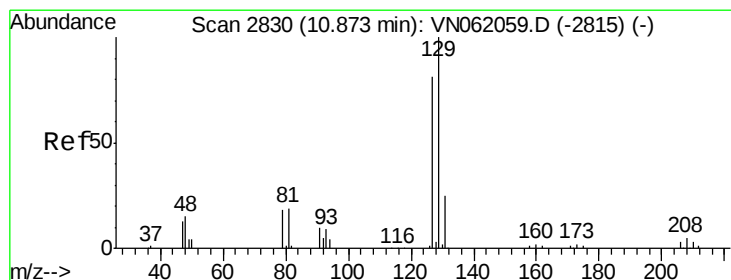
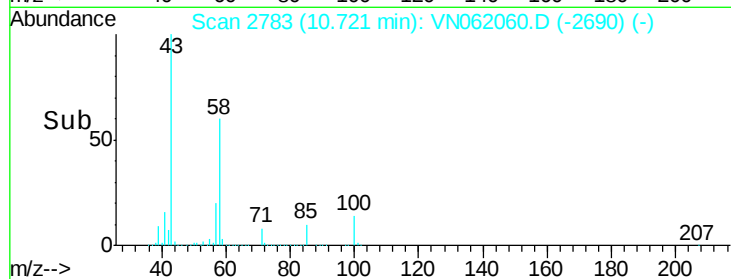
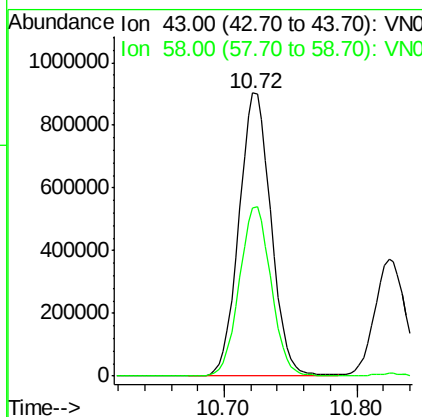
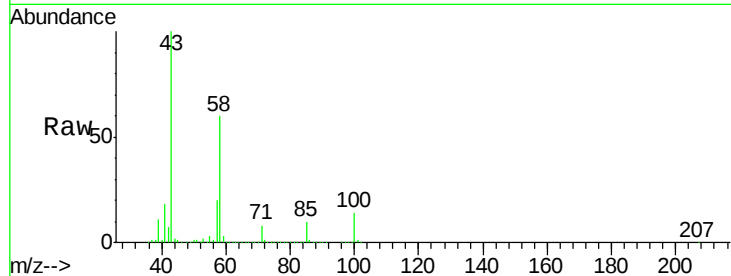
#59
2-Hexanone
Concen: 612.774 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1516026
Ion Ratio Lower Upper
43 100
58 59.6 29.5 88.5

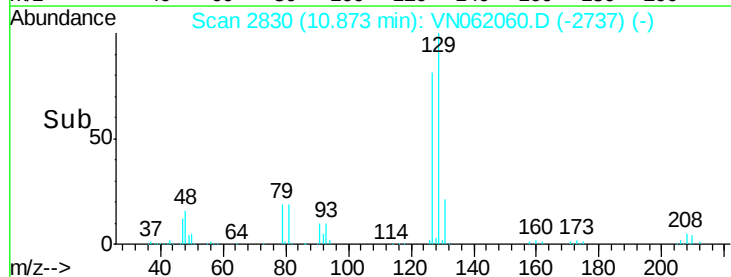
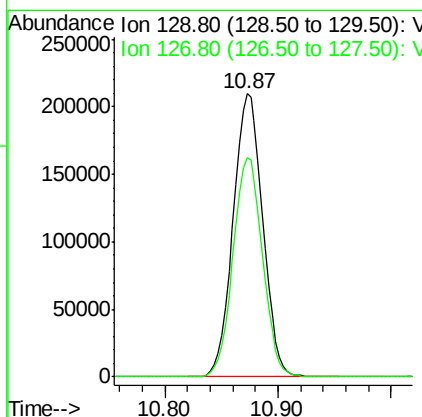
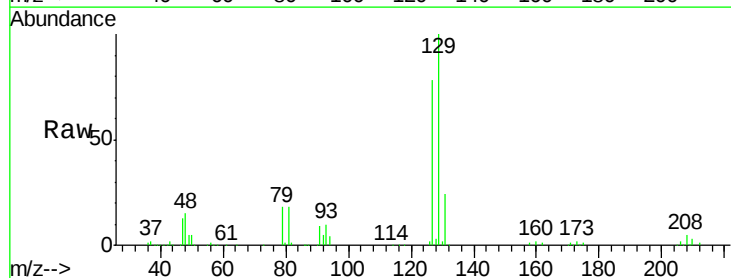
Manual Integrations
APPROVED

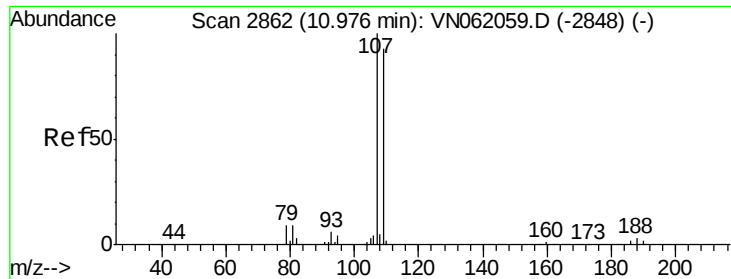
MMDadoda
6/25/2020 6:10:13 PM



#60
Dibromochloromethane
Concen: 105.483 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 129 Resp: 382512
Ion Ratio Lower Upper
129 100
127 77.2 39.5 118.5





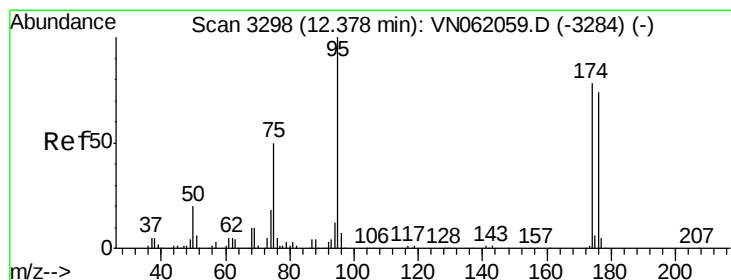
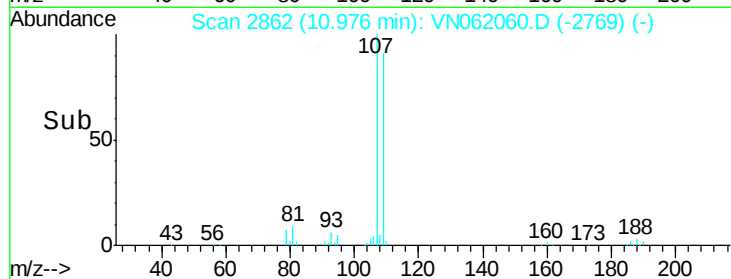
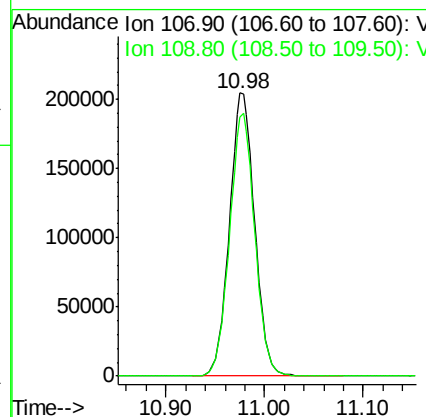
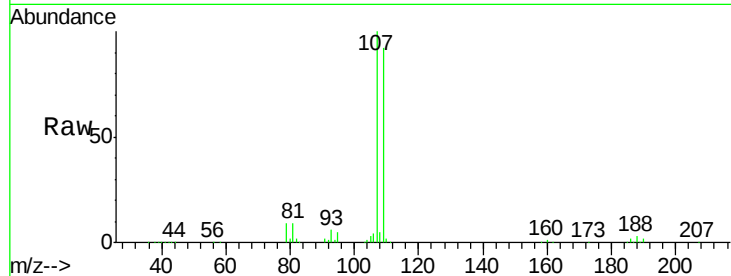
#61
 1,2-Dibromoethane
 Concen: 107.030 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.0	112.6

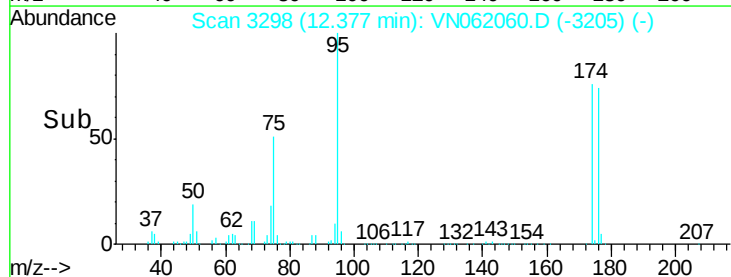
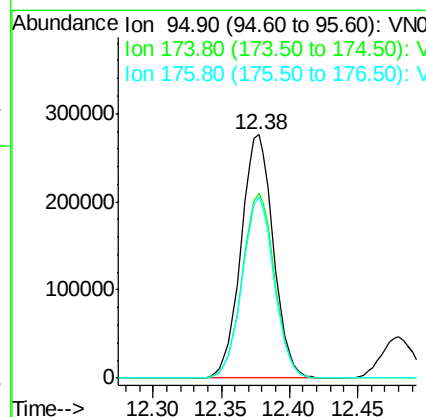
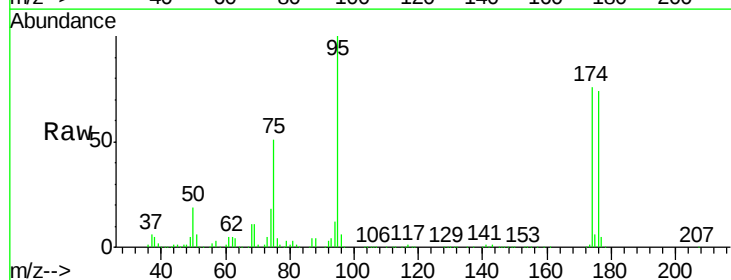
Manual Integrations
 APPROVED

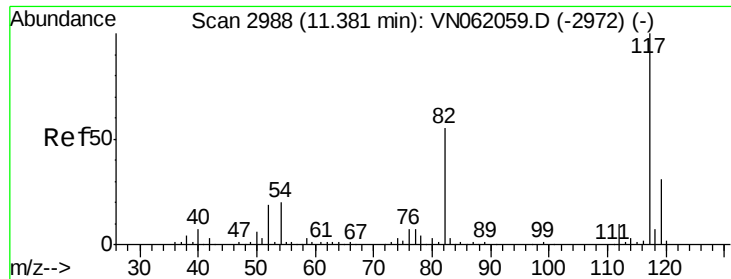
MMDadoda
 6/25/2020 6:10:13 PM



#62
 4-Bromofluorobenzene
 Concen: 110.872 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	154.8
176	73.2	0.0	147.4





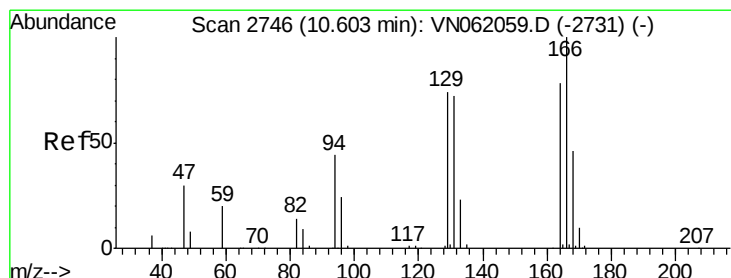
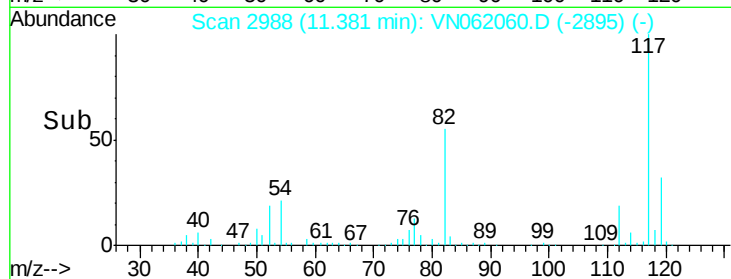
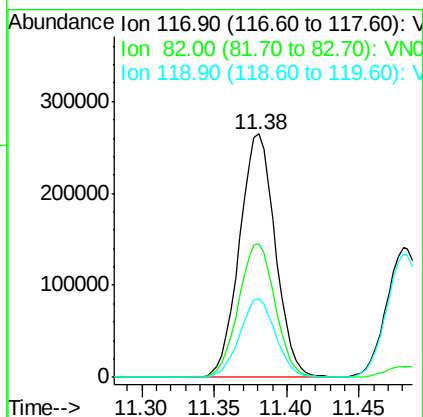
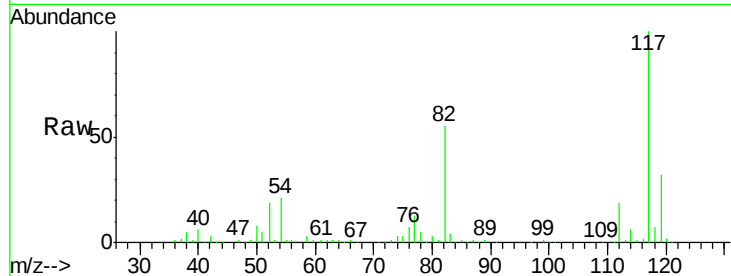
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.8
119	32.0	25.2	37.8

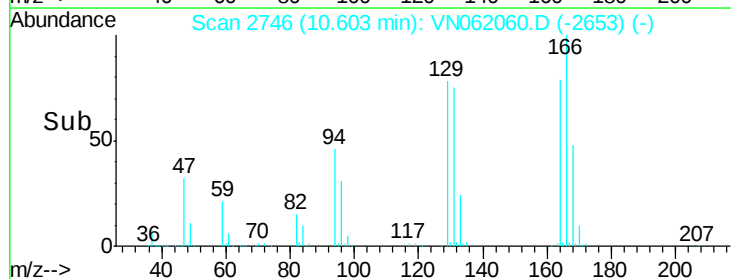
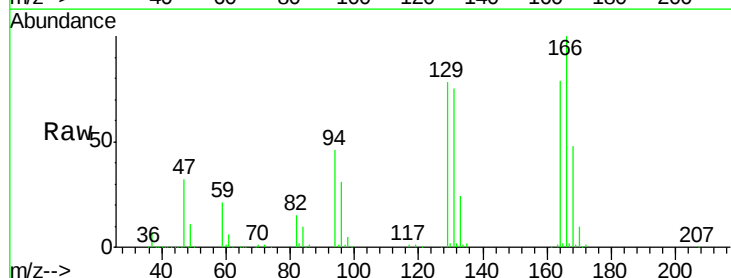
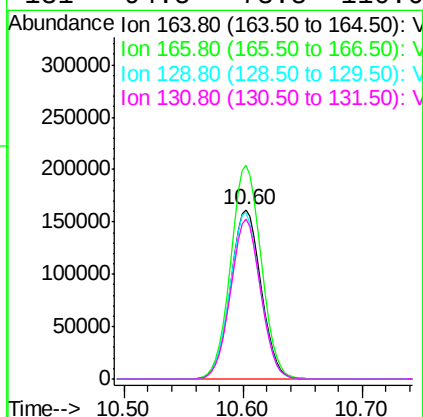
Manual Integrations
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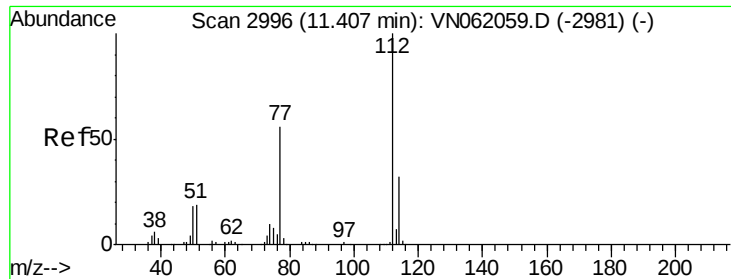
MMDadoda
6/25/2020 6:10:13 PM



#64
Tetrachloroethene
Concen: 99.295 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.9	154.3
129	98.3	75.8	113.8
131	94.5	73.8	110.6





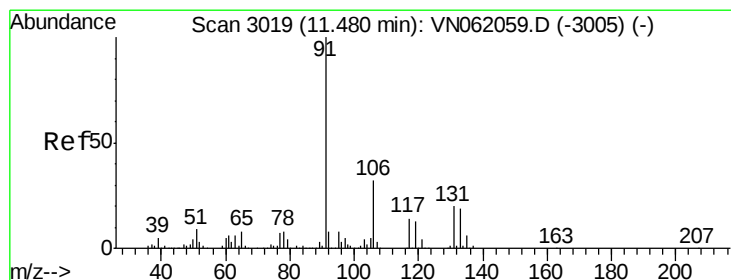
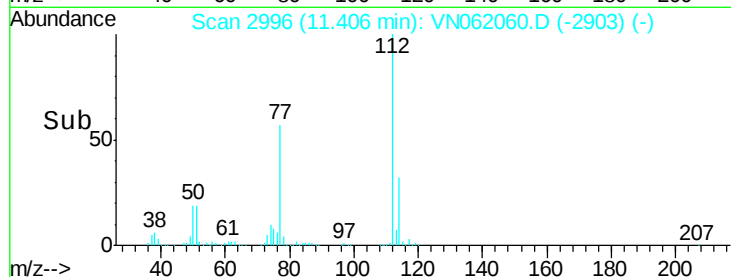
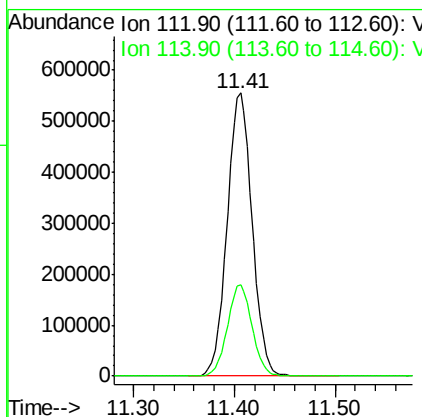
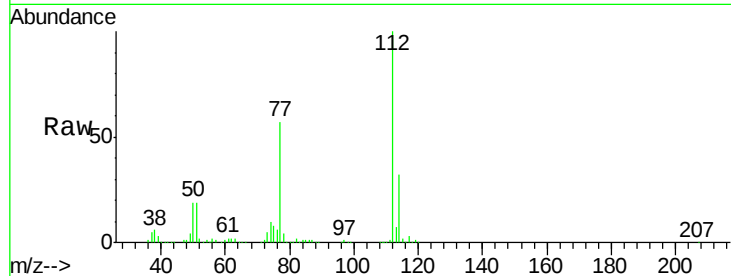
#65
Chlorobenzene
Concen: 99.860 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.8	38.8

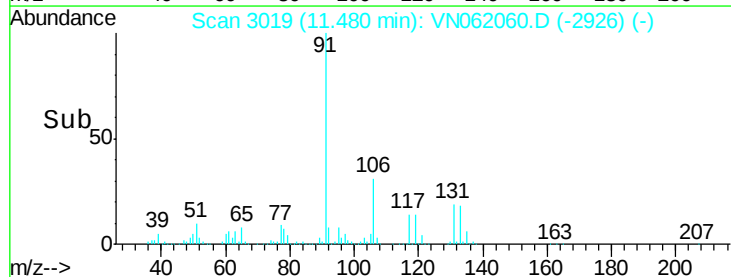
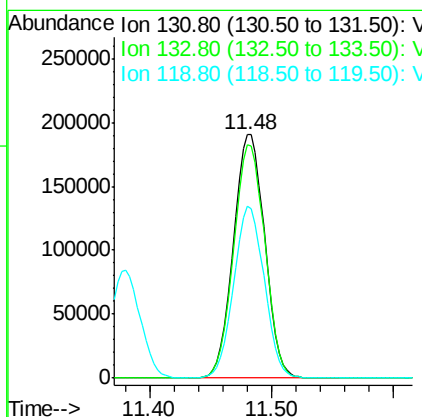
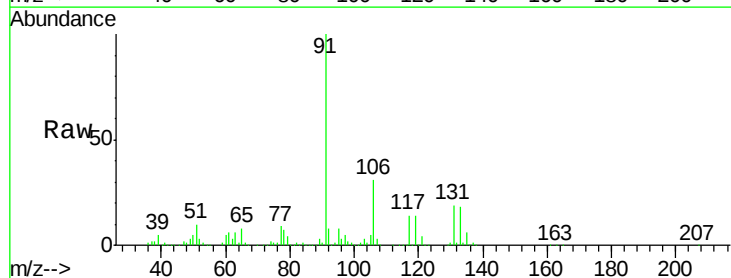
Manual Integrations
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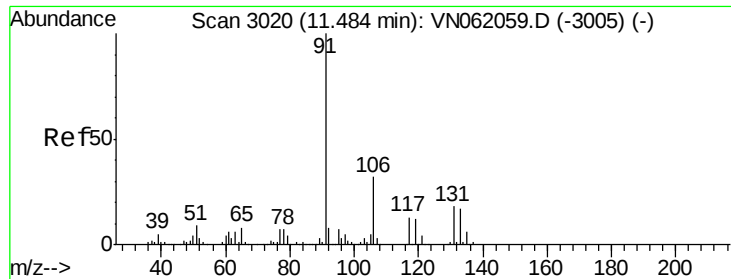
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#66
1,1,1,2-Tetrachloroethane
Concen: 101.315 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.6	142.9
119	69.1	34.4	103.3





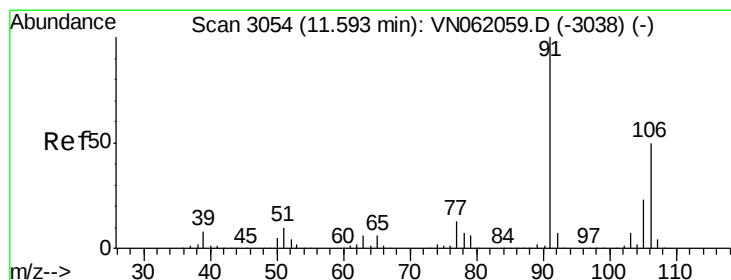
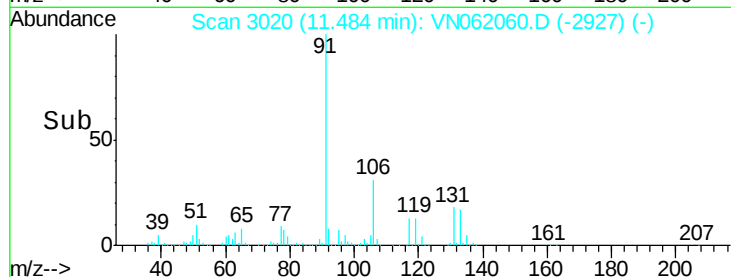
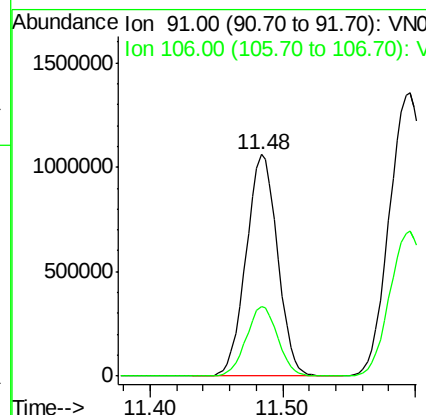
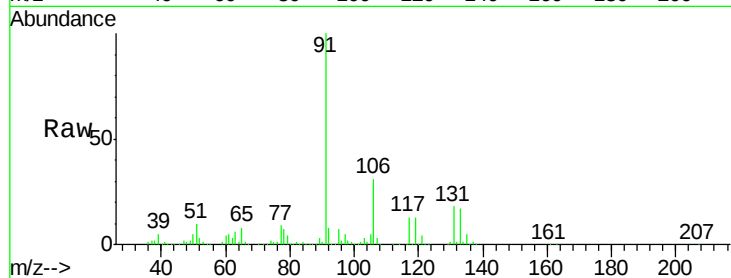
#67
Ethyl Benzene
Concen: 108.355 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1750805
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9

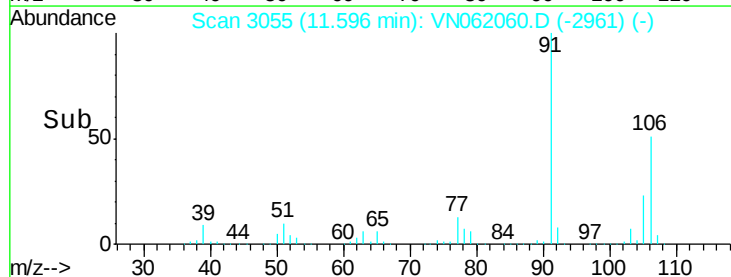
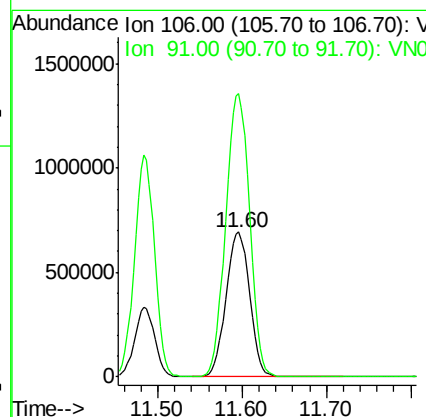
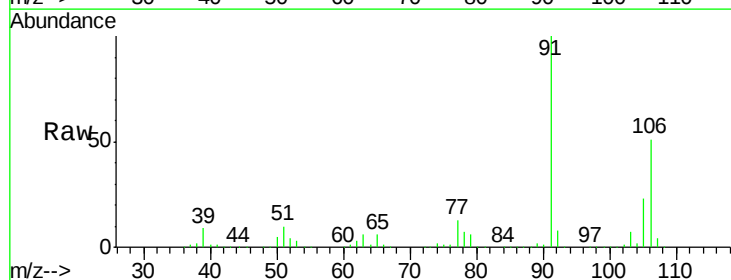
Manual Integrations
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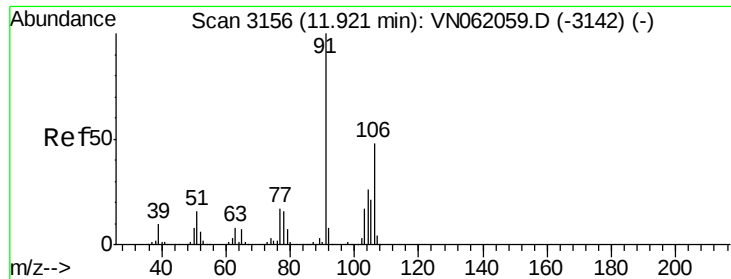
MMDadoda
6/25/2020 6:10:13 PM



#68
m/p-Xylenes
Concen: 216.239 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion: 106 Resp: 1347547
Ion Ratio Lower Upper
106 100
91 197.7 157.8 236.8





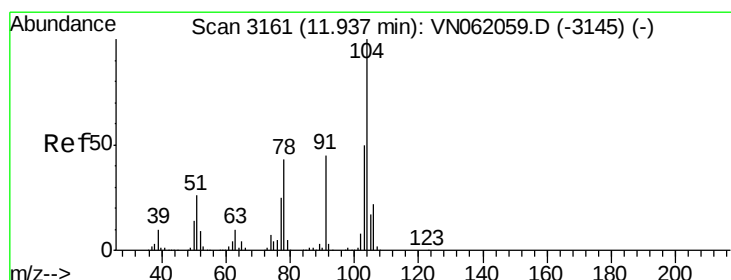
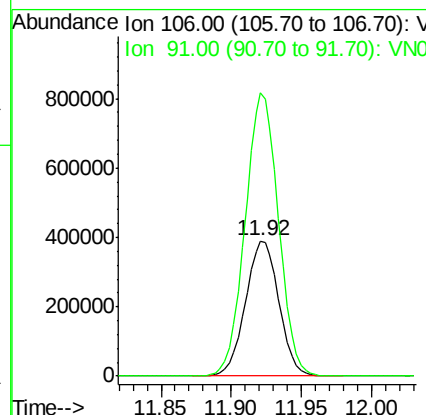
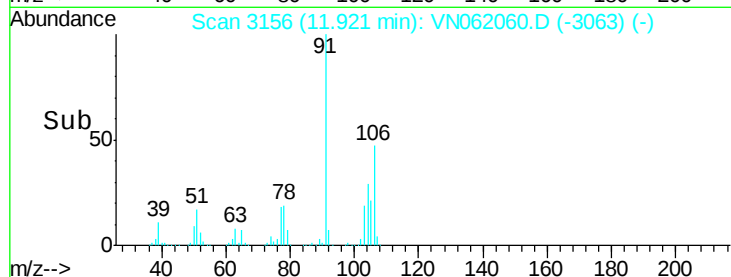
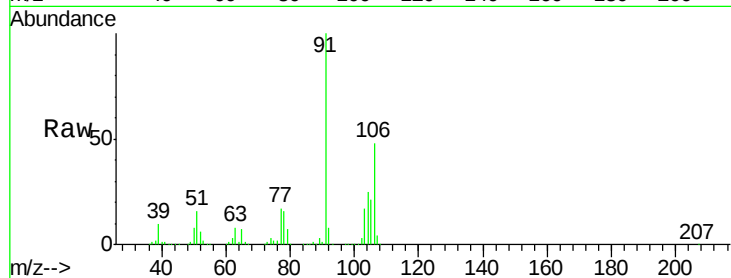
#69
o-Xylene
Concen: 109.016 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	209.2	104.0	311.9		

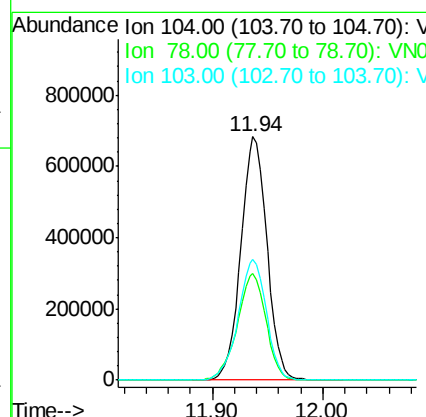
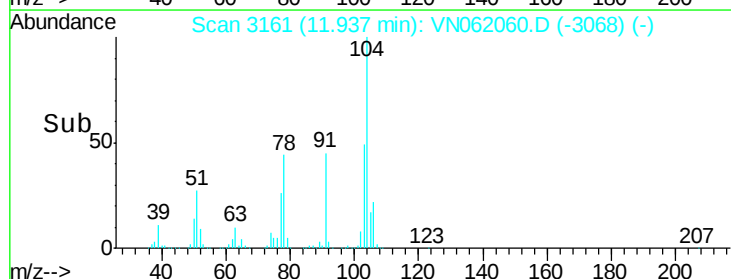
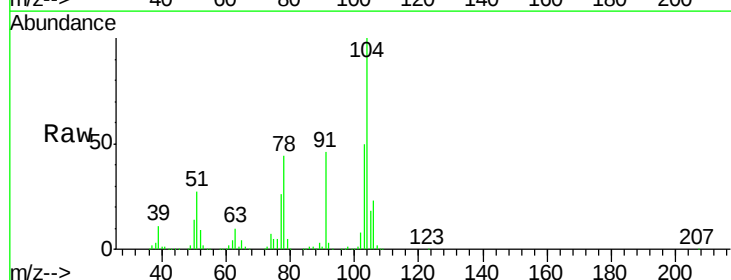
Manual Integrations
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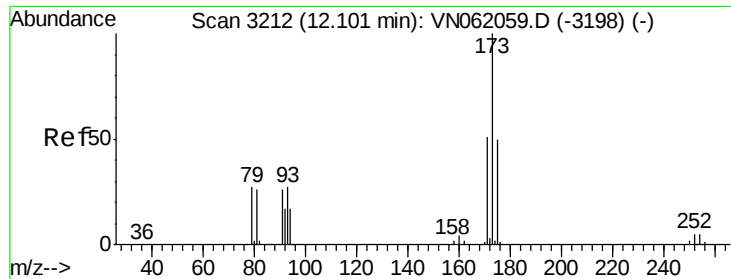
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#70
Styrene
Concen: 113.094 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.1	37.7	56.5		
103	53.5	43.0	64.6		





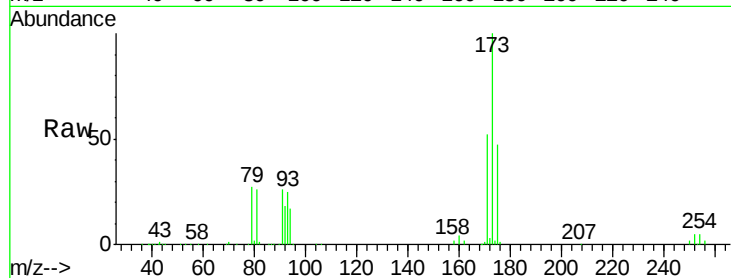
#71
Bromoform
Concen: 105.835 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations
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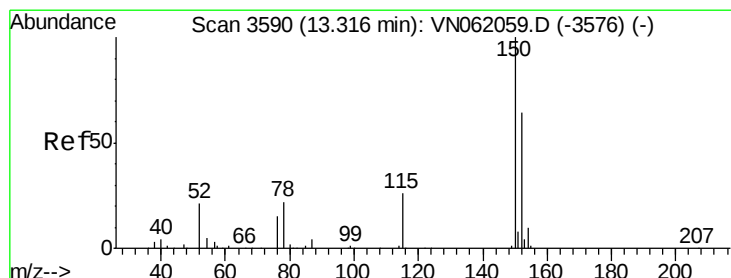
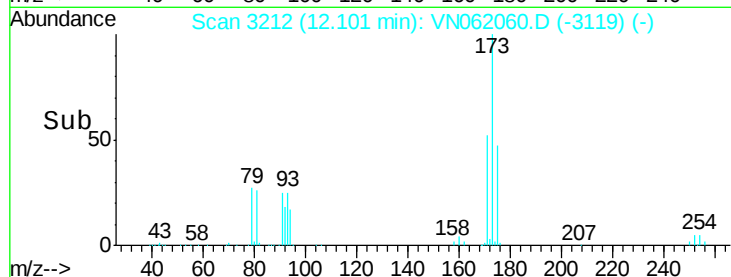
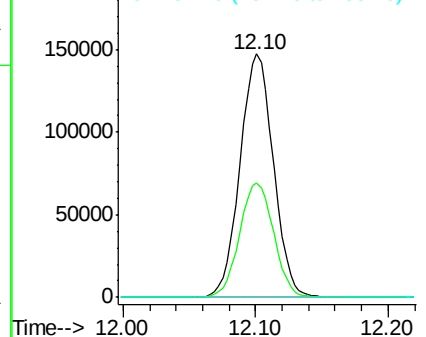


Abundance

Ion 172.70 (172.40 to 173.40): V

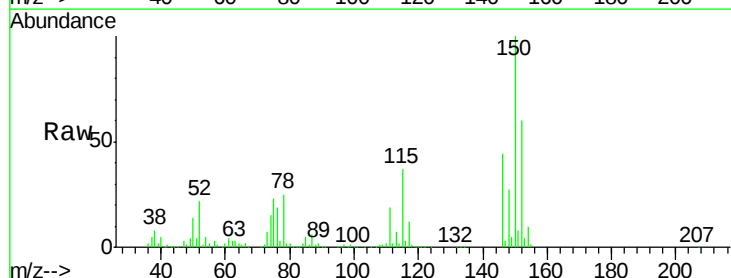
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.5	88.5
150	191.3	0.0	351.4

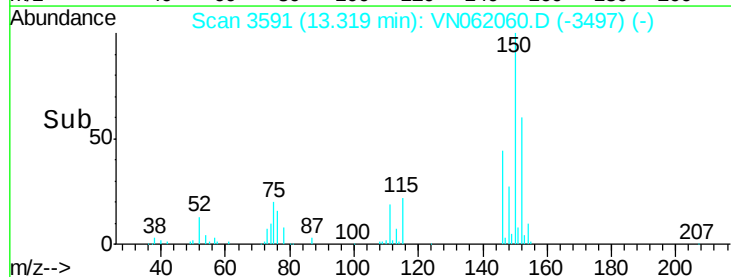
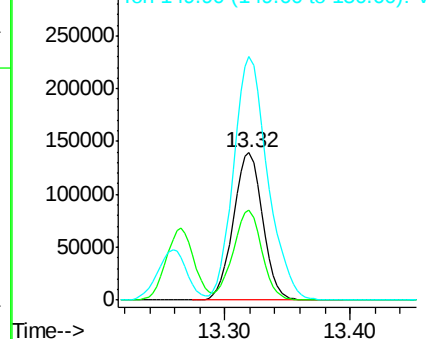


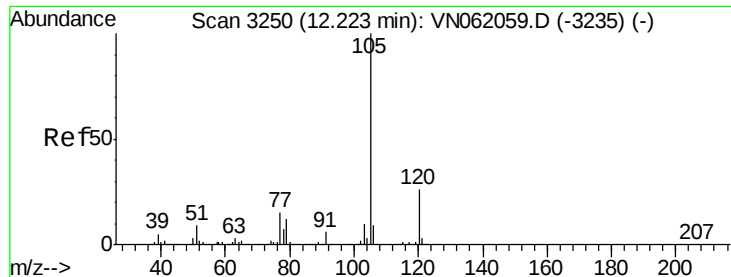
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 106.125 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1710023

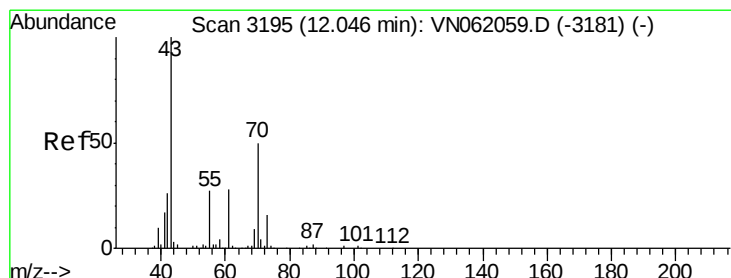
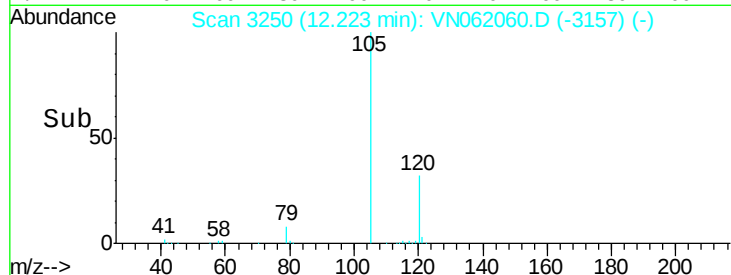
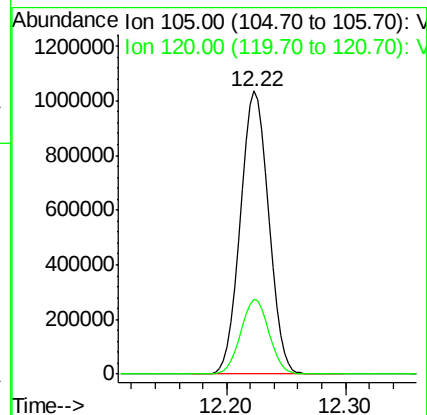
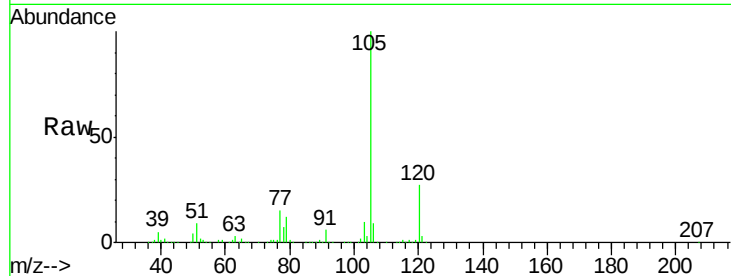
Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 123.384 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion: 43 Resp: 644398

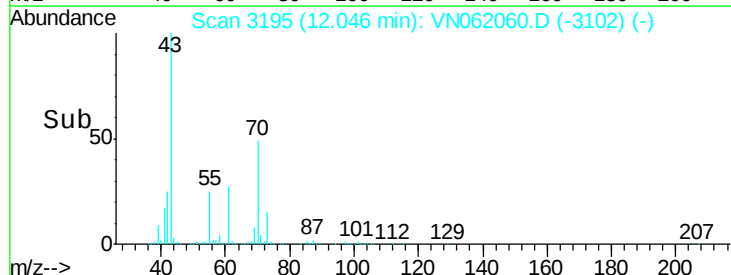
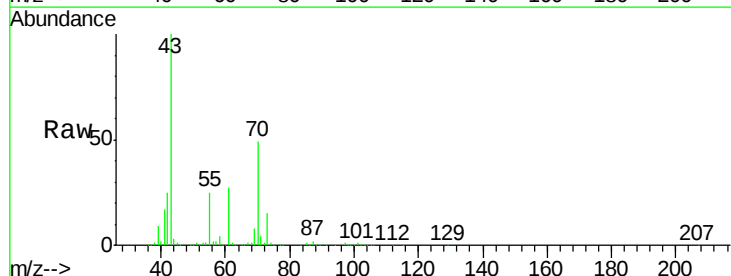
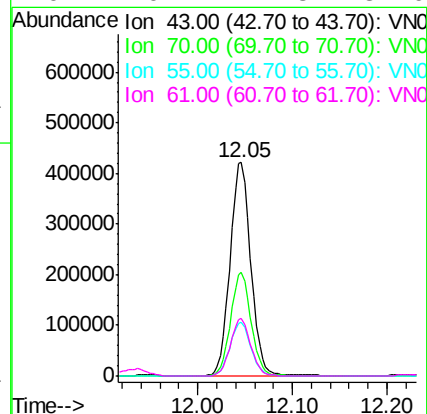
Ion Ratio Lower Upper

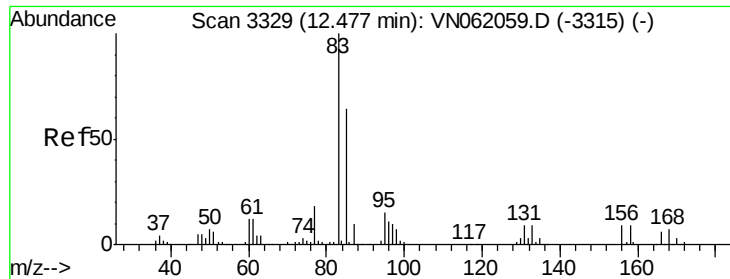
43 100

70 47.9 39.4 59.2

55 25.7 21.7 32.5

61 26.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 99.218 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

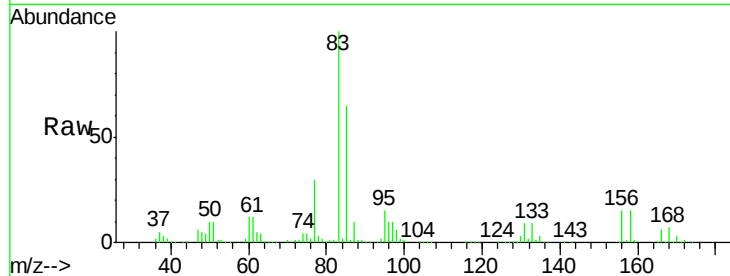
ClientSampleId :

VSTDIC100

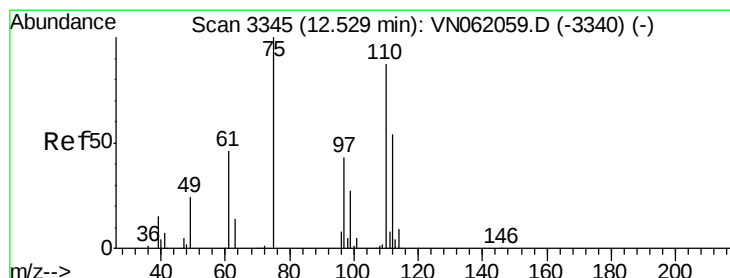
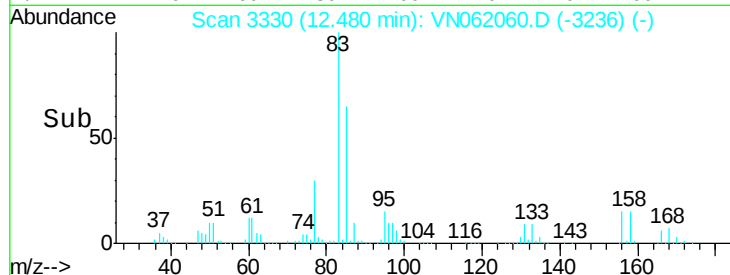
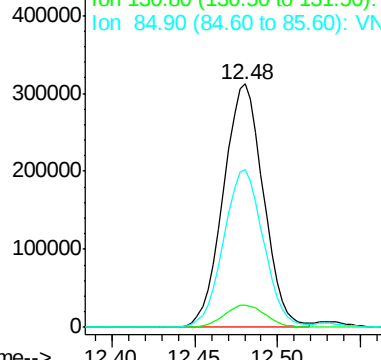
Tot Ion:	83	Resp:	523729
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.4
85	64.7	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 109.146 ug/l m

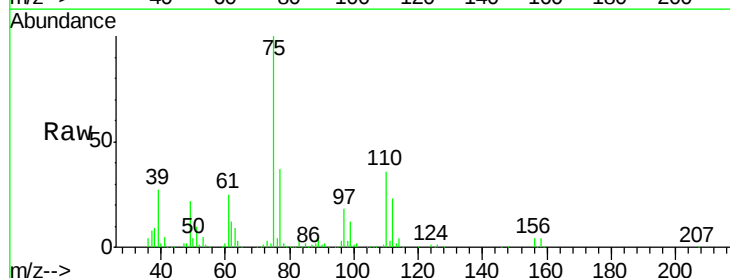
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

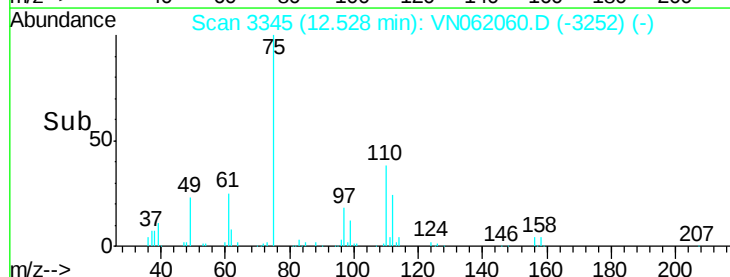
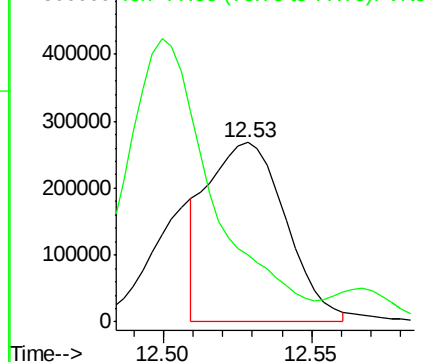
Lab File: VN062060.D

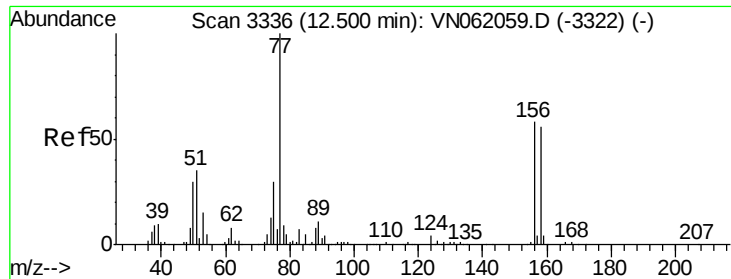
Acq: 24 Jun 2020 11:18

Tgt Ion:	75	Resp:	490325
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)





#77

Bromobenzene

Concen: 97.830 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

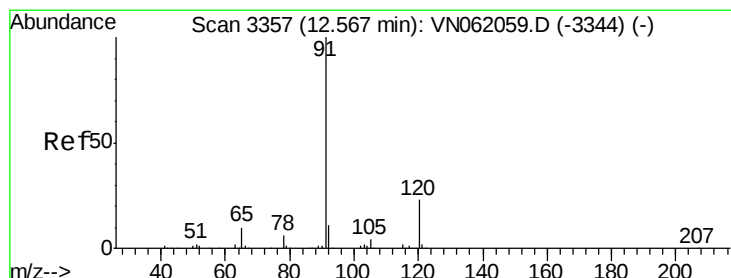
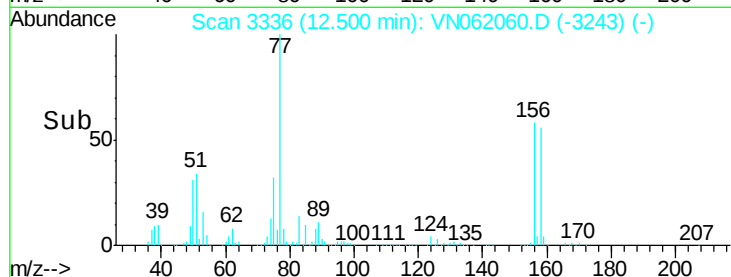
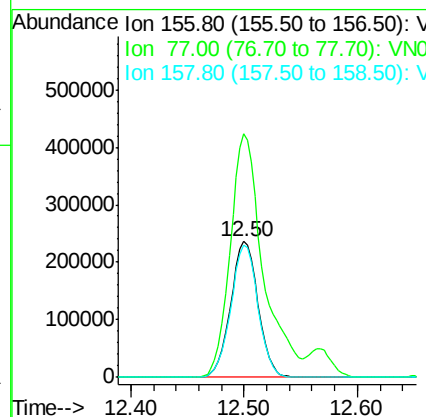
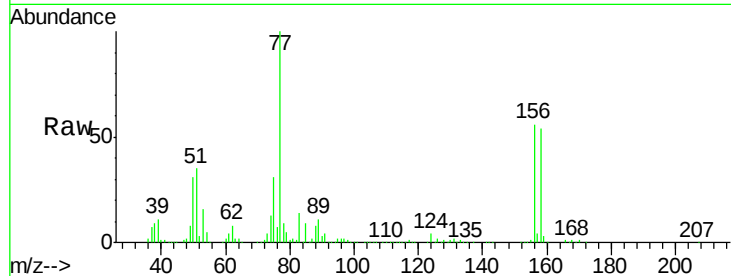
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.1	104.6	313.8
158	96.6	48.0	144.0

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#78

n-propylbenzene

Concen: 108.095 ug/l

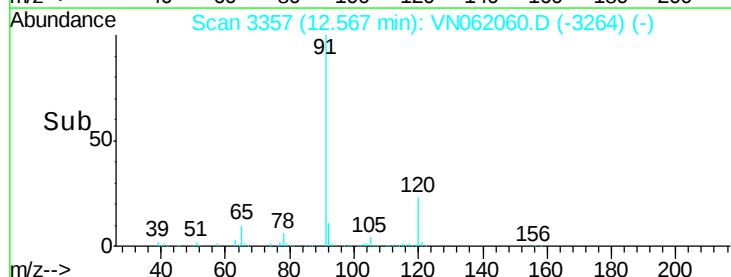
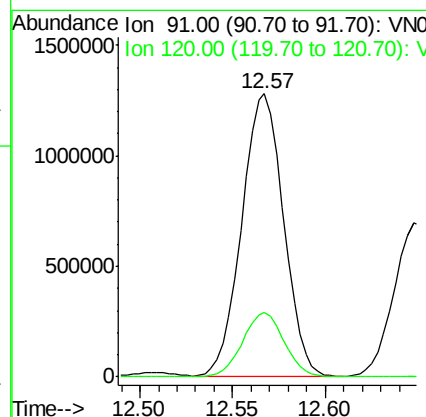
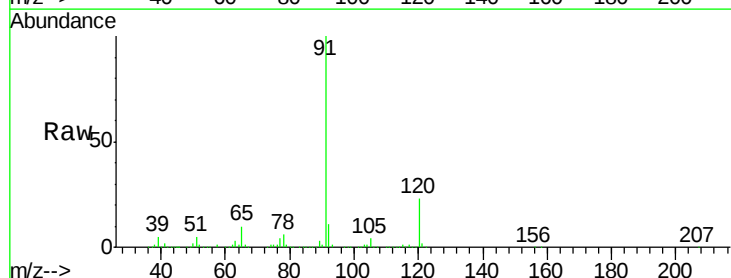
RT: 12.57 min Scan# 3357

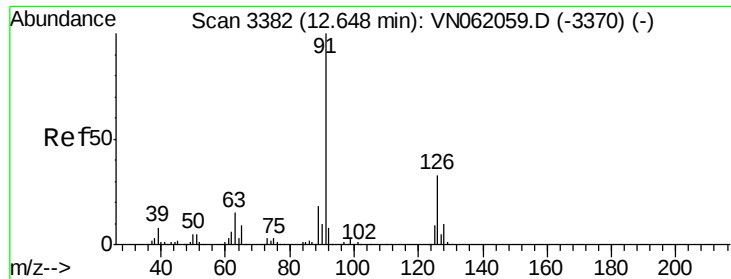
Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79

2-Chlorotoluene

Concen: 104.273 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1155363

Ion Ratio Lower Upper

91 100

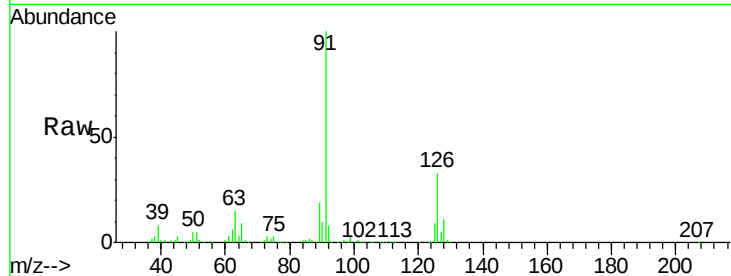
126 33.5 16.9 50.7

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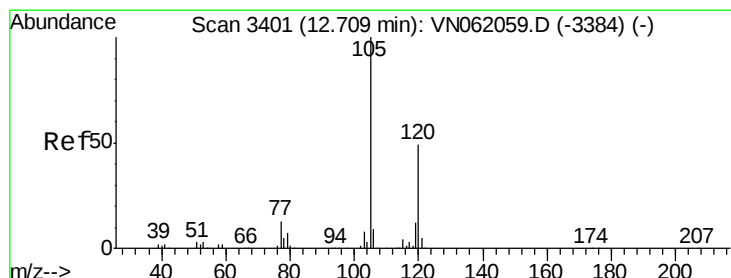
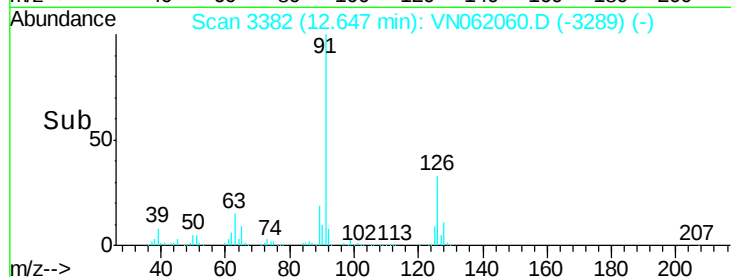
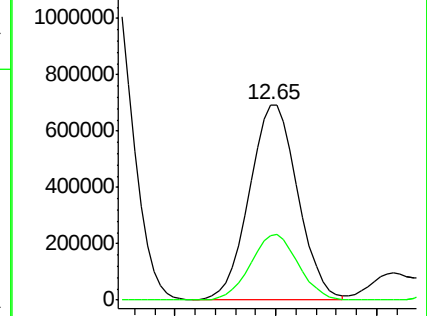
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Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 107.826 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062060.D

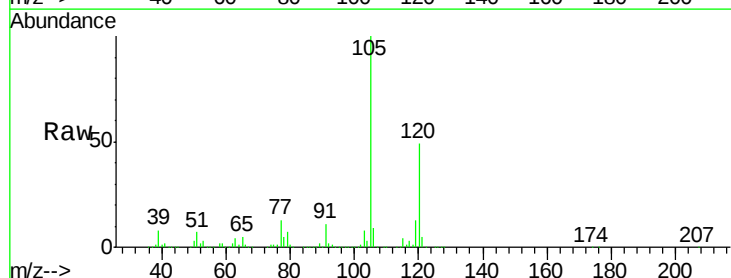
Acq: 24 Jun 2020 11:18

Tgt Ion: 105 Resp: 1434795

Ion Ratio Lower Upper

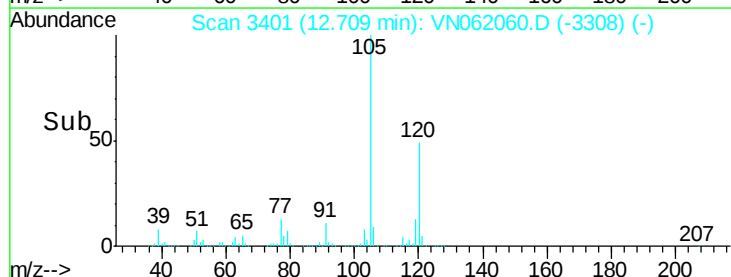
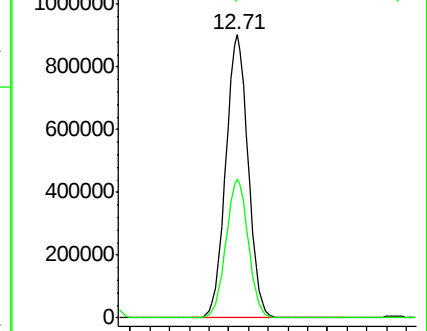
105 100

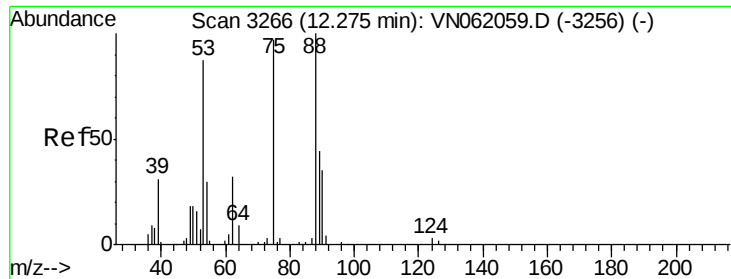
120 49.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 115.000 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

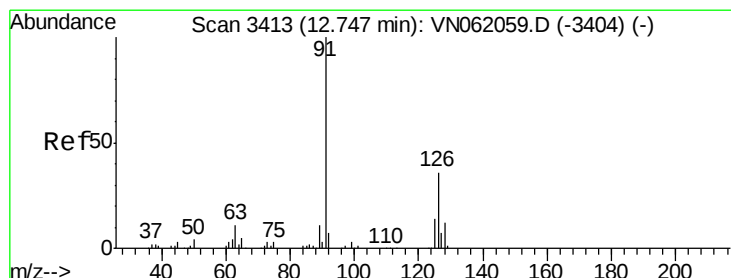
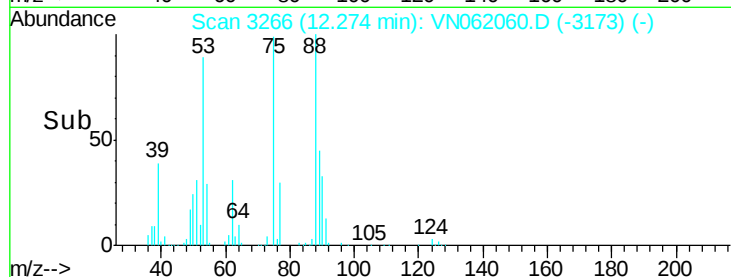
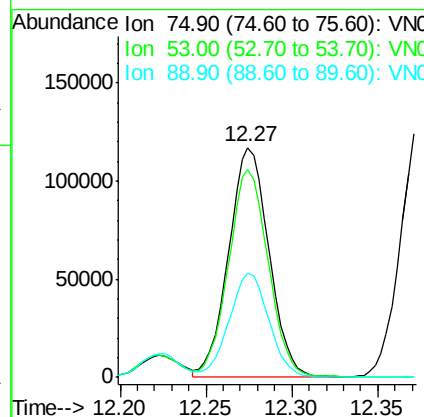
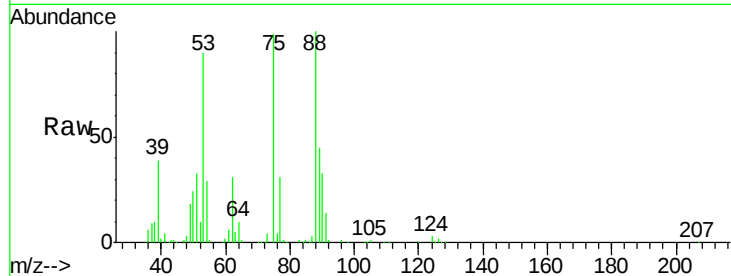
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	190577
Ion	Ratio	Lower	Upper
75	100		
53	90.2	72.0	108.0
89	45.1	36.9	55.3

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#82

4-Chlorotoluene

Concen: 107.695 ug/l

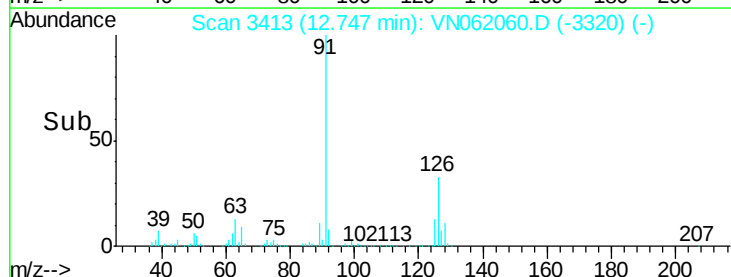
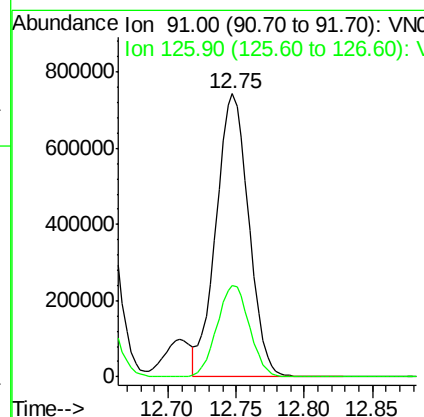
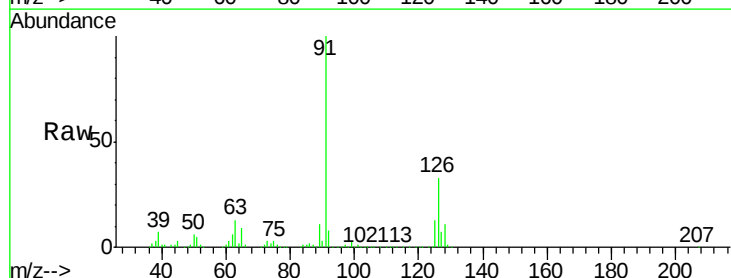
RT: 12.75 min Scan# 3413

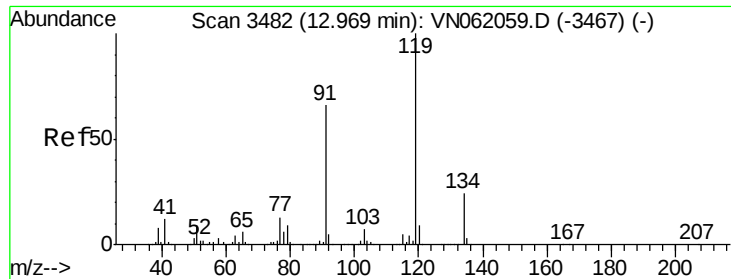
Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Tgt Ion:	91	Resp:	1231680
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.7	50.1





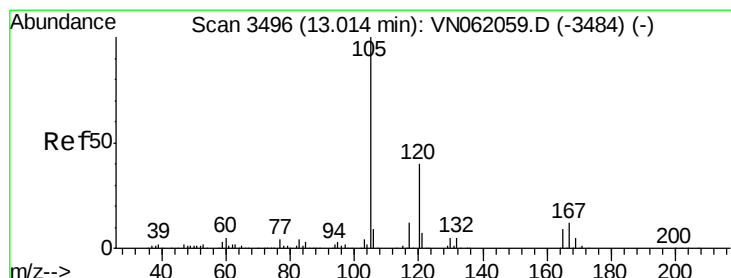
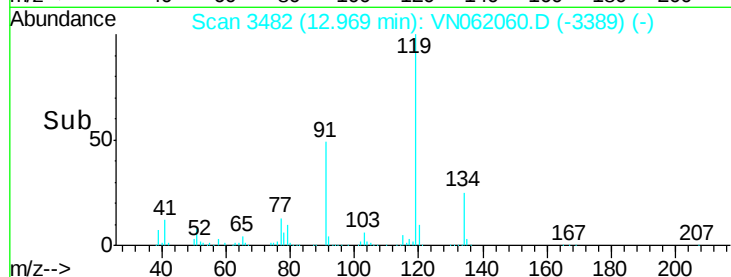
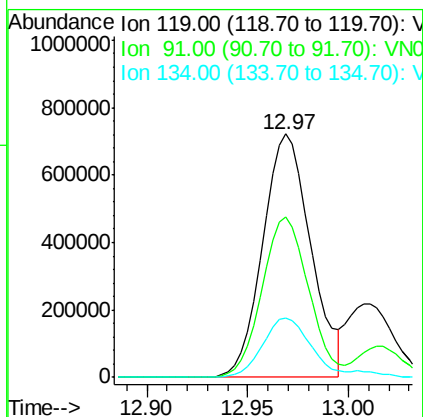
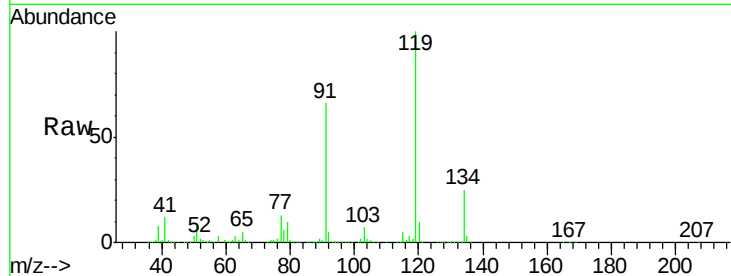
#83
tert-Butylbenzene
Concen: 106.167 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:119 Resp: 1197764
Ion Ratio Lower Upper
119 100
91 63.9 31.7 95.1
134 26.0 13.1 39.1

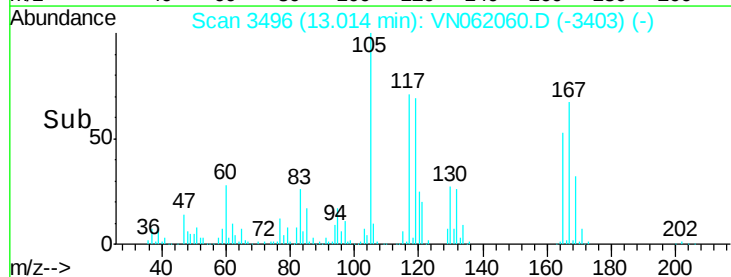
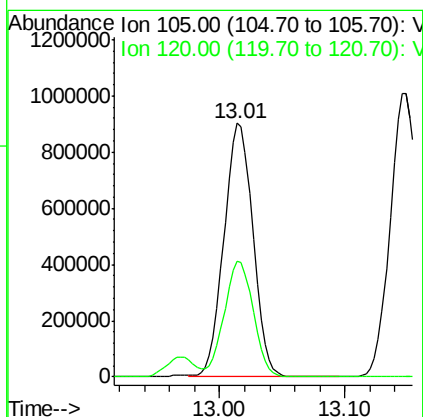
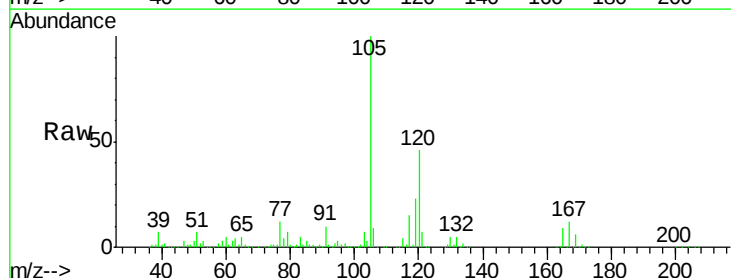
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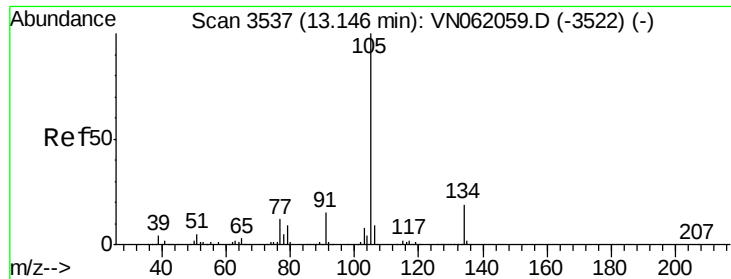
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#84
1,2,4-Trimethylbenzene
Concen: 110.135 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion:105 Resp: 1444751
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.5





#85

sec-Butylbenzene

Concen: 108.820 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1611379

Ion Ratio Lower Upper

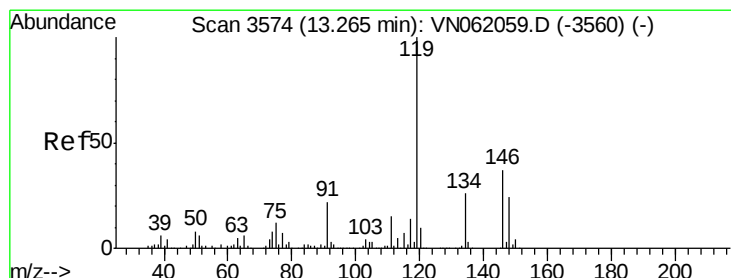
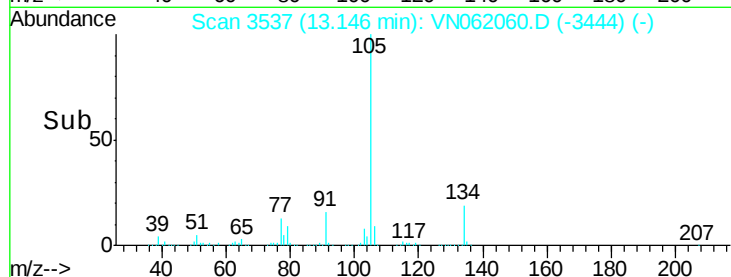
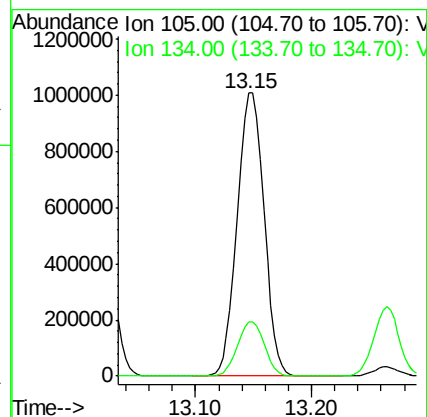
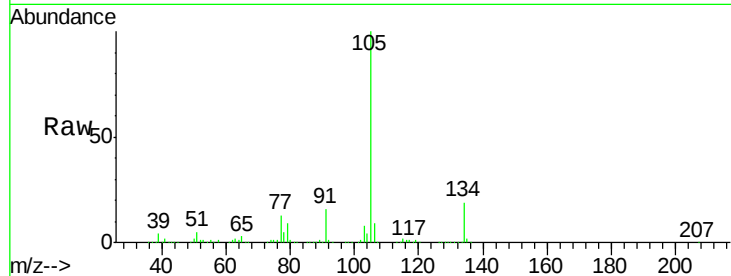
105 100

134 19.3 9.7 29.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 112.634 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062060.D

Acq: 24 Jun 2020 11:18

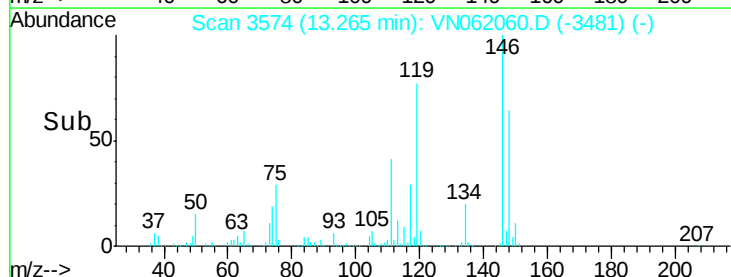
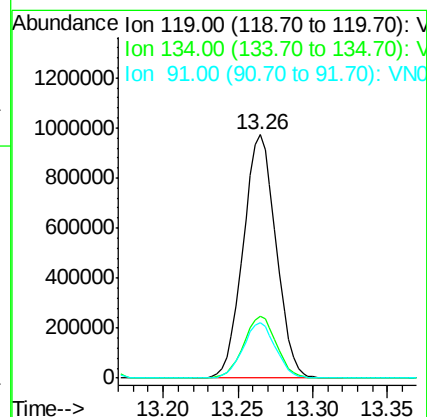
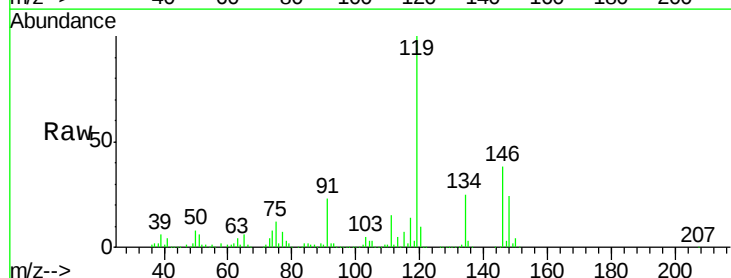
Tgt Ion:119 Resp: 1480578

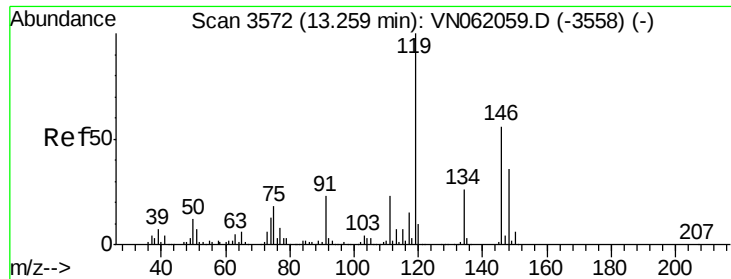
Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 22.6 11.3 33.8





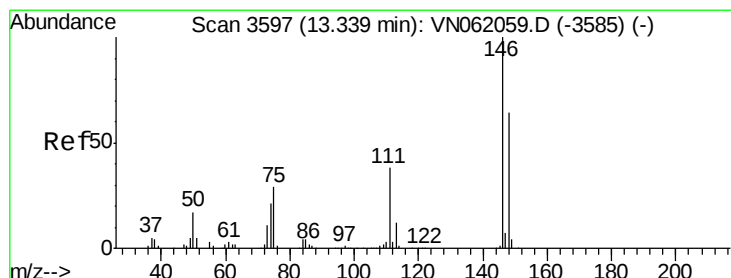
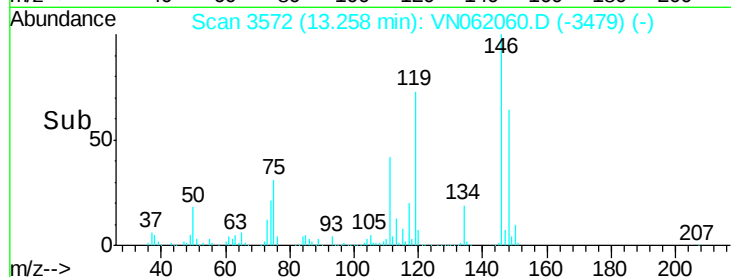
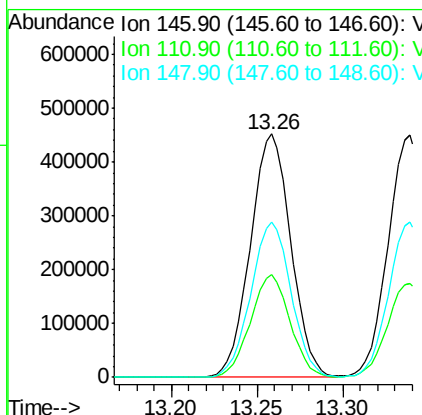
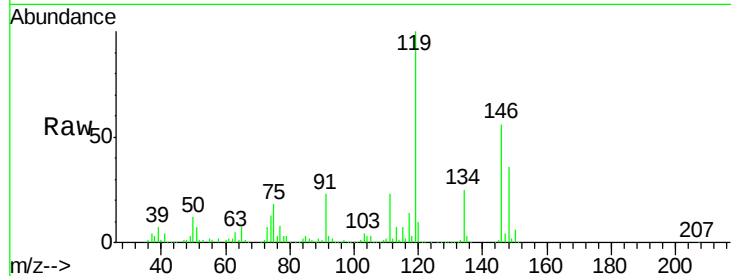
#87
 1,3-Dichlorobenzene
 Concen: 100.437 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	63.4	31.8	95.3

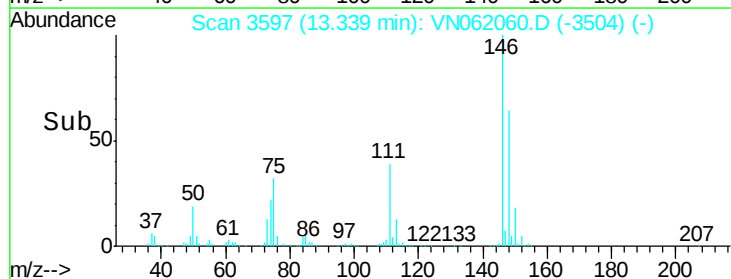
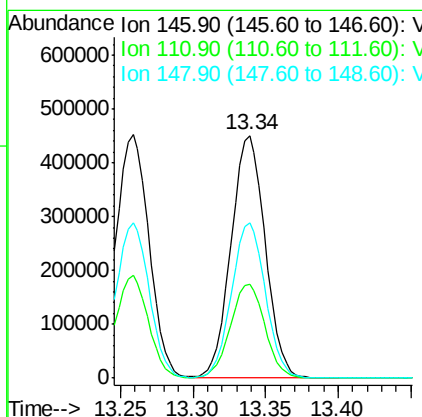
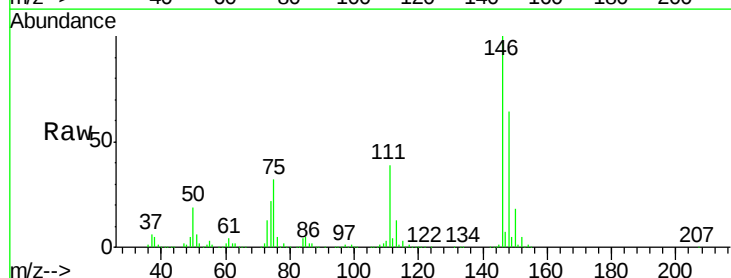
Manual Integrations
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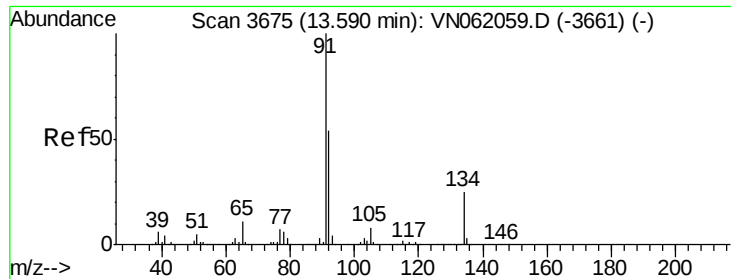
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#88
 1,4-Dichlorobenzene
 Concen: 97.660 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.6
148	63.7	31.9	95.9





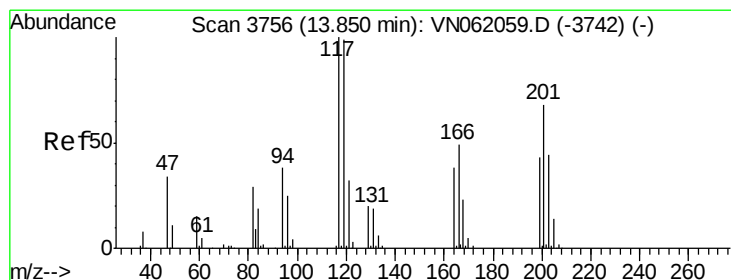
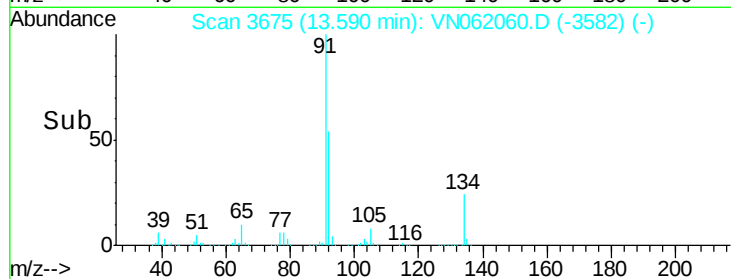
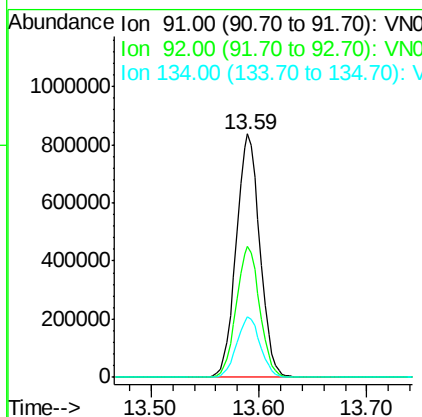
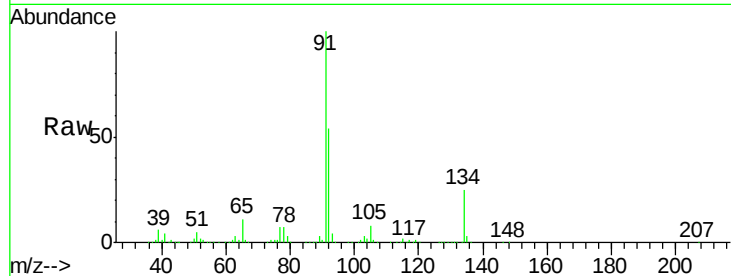
#89
n-Butylbenzene
Concen: 115.135 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	24.7	12.3	36.9

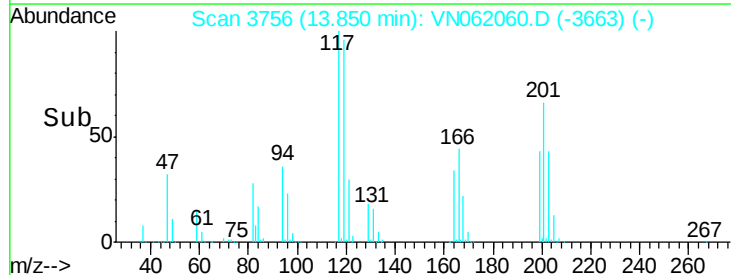
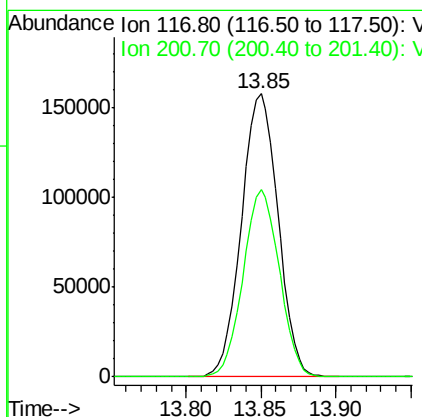
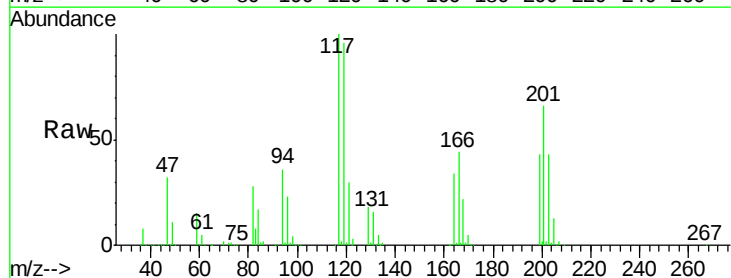
Manual Integrations
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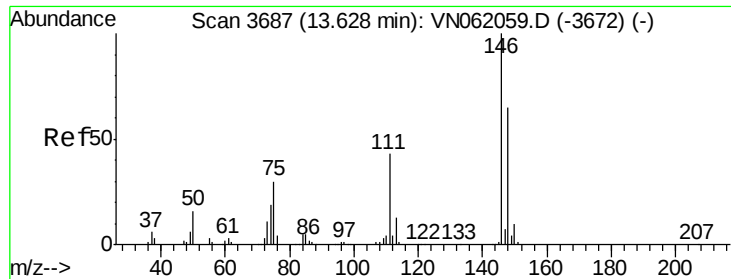
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#90
Hexachloroethane
Concen: 111.037 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.3	32.7	98.1





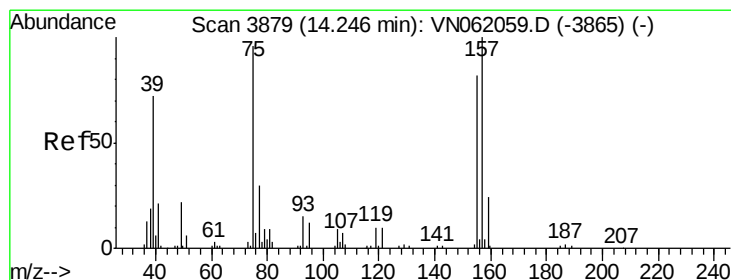
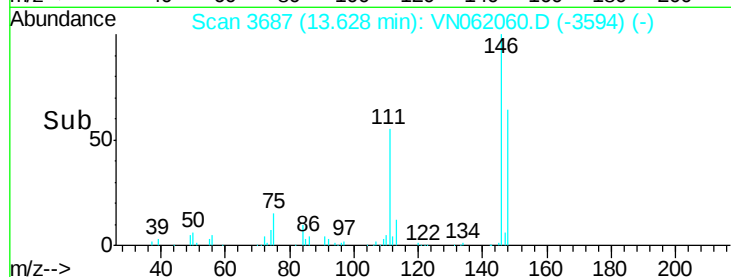
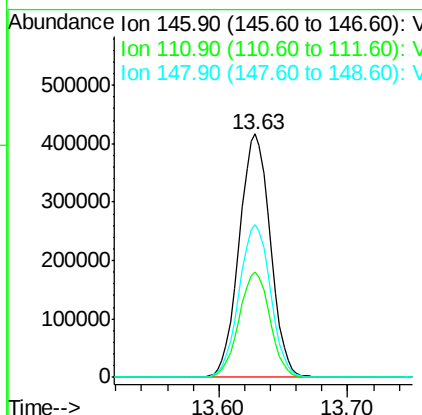
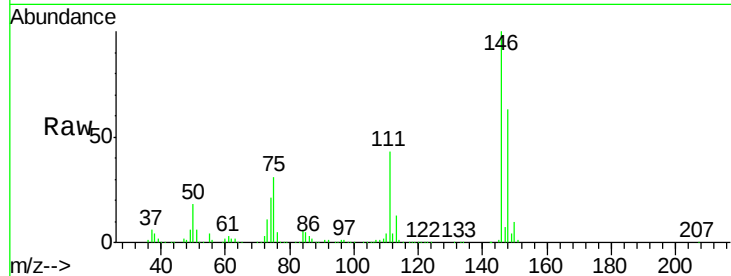
#91
 1,2-Dichlorobenzene
 Concen: 99.213 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	63.4	31.9	95.5

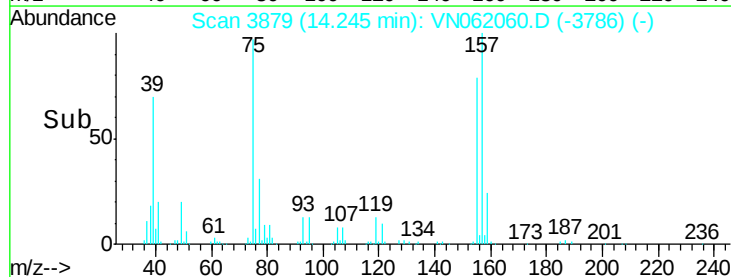
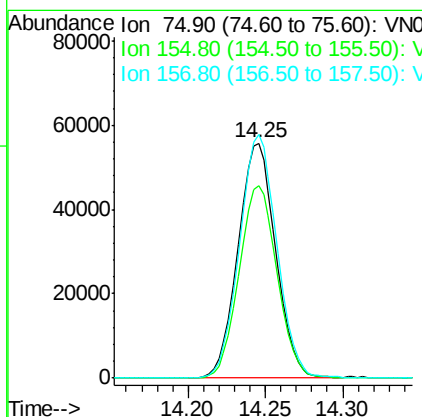
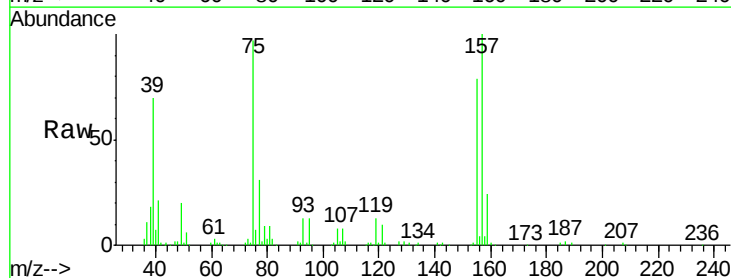
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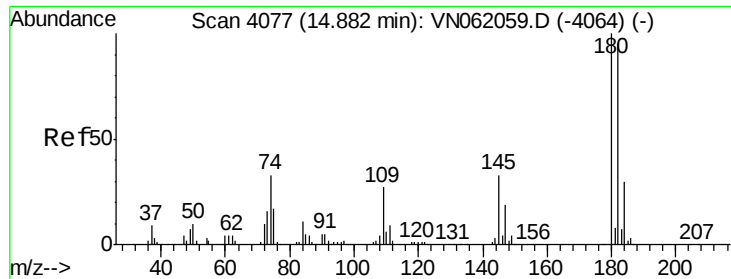
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 110.031 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	40.8	122.4
157	103.0	51.4	154.3





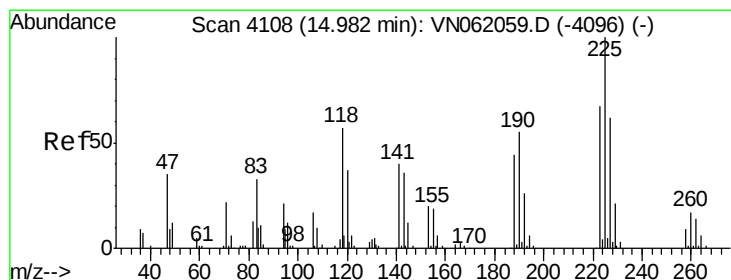
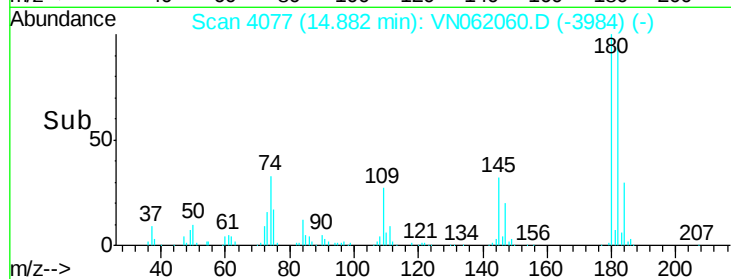
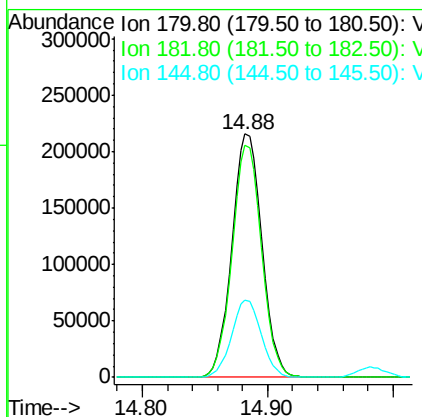
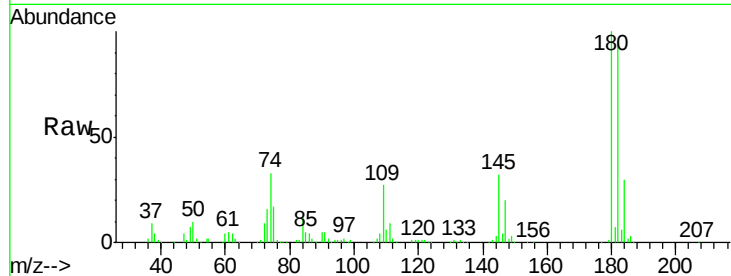
#93
 1,2,4-Trichlorobenzene
 Concen: 108.164 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	358077		
182	94.0	48.0	144.2	
145	31.5	16.0	48.0	

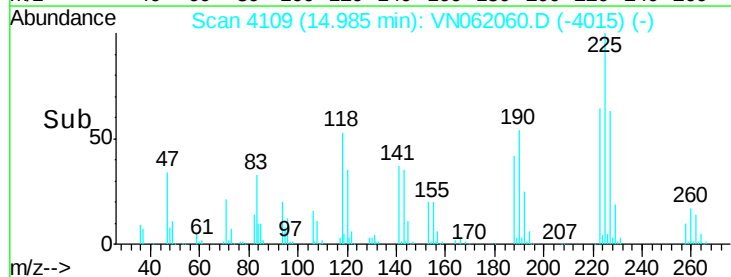
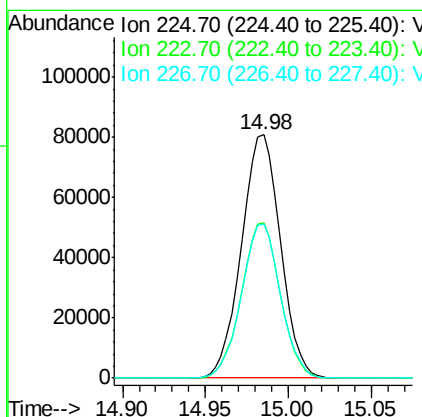
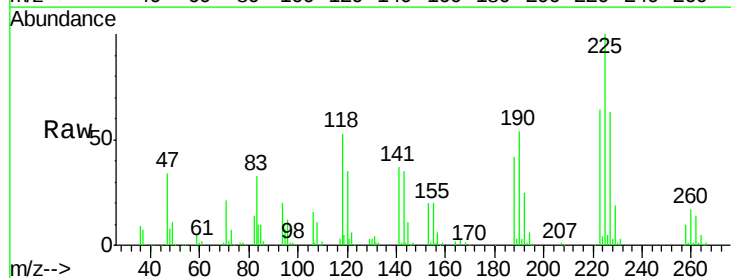
Manual Integrations
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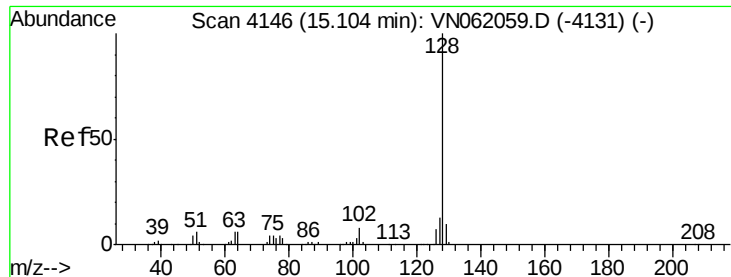
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#94
 Hexachlorobutadiene
 Concen: 101.247 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062060.D
 Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132924		
223	63.2	32.9	98.7	
227	62.7	31.3	93.8	





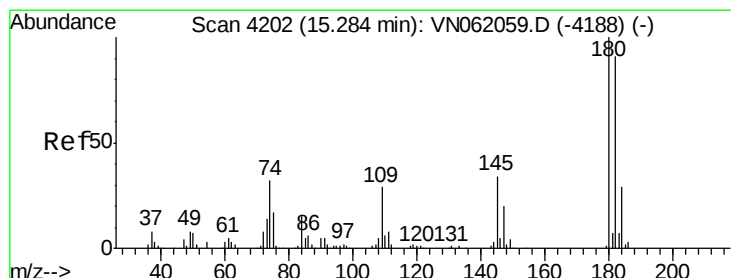
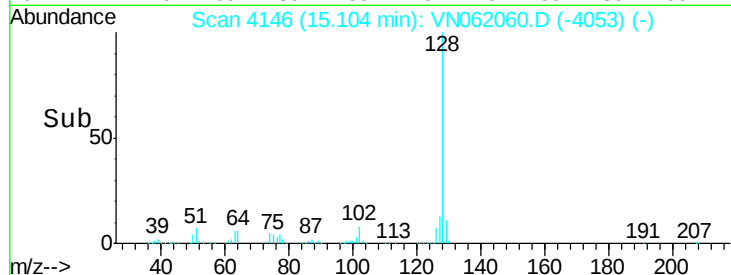
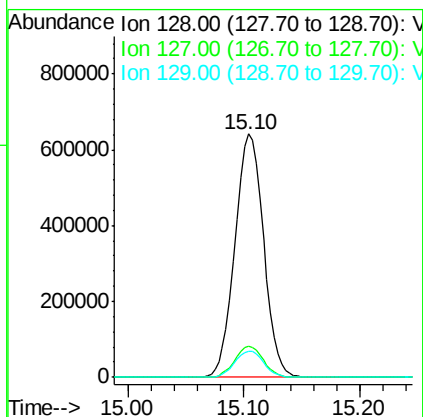
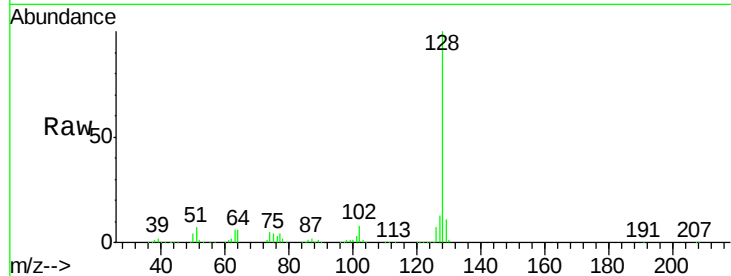
#95
Naphthalene
Concen: 114.550 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 107.686 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062060.D
Acq: 24 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.8	140.4
145	33.3	16.4	49.2

