

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062626.D
 Acq On : 28 Jul 2020 10:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:06:19 PM

Quant Time: Jul 28 16:10:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	194102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	287397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121316	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	136576	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
35) Dibromofluoromethane	7.54	113	94550	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	10.06	98	374237	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.37	95	130423	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	108787	46.987	ug/l 99
3) Chloromethane	2.03	50	128825	41.024	ug/l 97
4) Vinyl Chloride	2.16	62	120761	44.360	ug/l 99
5) Bromomethane	2.53	94	57380	47.589	ug/l 98
6) Chloroethane	2.67	64	57229	46.475	ug/l 99
7) Trichlorofluoromethane	2.98	101	162105	50.717	ug/l 100
8) Diethyl Ether	3.37	74	70326	47.052	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	103411	50.463	ug/l 99
10) Methyl Iodide	3.91	142	107249	40.936	ug/l 97
11) Tert butyl alcohol	4.73	59	93477	194.877	ug/l 99
12) 1,1-Dichloroethene	3.69	96	97191	46.764	ug/l 98
13) Acrolein	3.56	56	145444	289.380	ug/l 99
14) Allyl chloride	4.27	41	199547	44.387	ug/l 97
15) Acrylonitrile	4.92	53	291067	226.549	ug/l 99
16) Acetone	3.77	43	302296	266.417	ug/l 100
17) Carbon Disulfide	4.01	76	295856	43.325	ug/l 99
18) Methyl Acetate	4.28	43	128523	44.742	ug/l 97
19) Methyl tert-butyl Ether	4.99	73	364693	47.675	ug/l 99
20) Methylene Chloride	4.50	84	116235	42.711	ug/l 99
21) trans-1,2-Dichloroethene	4.98	96	108609	47.084	ug/l 95
22) Diisopropyl ether	5.90	45	401667	44.949	ug/l 97
23) Vinyl Acetate	5.84	43	1695992	231.626	ug/l 99
24) 1,1-Dichloroethane	5.80	63	220102	45.739	ug/l 100
25) 2-Butanone	6.78	43	404025	233.801	ug/l 98
26) 2,2-Dichloropropane	6.77	77	193697	49.033	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	119638	45.452	ug/l 98
28) Bromochloromethane	7.15	49	106484	44.964	ug/l 97
29) Tetrahydrofuran	7.16	42	258828	221.350	ug/l 98
30) Chloroform	7.33	83	213601	46.685	ug/l 99
31) Cyclohexane	7.61	56	198240	44.619	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	188495	49.345	ug/l 99
36) 1,1-Dichloropropene	7.75	75	166665	51.430	ug/l 99
37) Ethyl Acetate	6.88	43	166716	47.726	ug/l 100
38) Carbon Tetrachloride	7.73	117	165579	53.157	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	186099	53.348	ug/l	98
40) Benzene	8.00	78	472767	48.188	ug/l	99
41) Methacrylonitrile	7.12	41	75152	50.198	ug/l	93
42) 1,2-Dichloroethane	8.09	62	181233	50.528	ug/l	100
43) Isopropyl Acetate	8.12	43	275757	48.969	ug/l	99
44) Trichloroethene	8.80	130	110285	49.847	ug/l	99
45) 1,2-Dichloropropane	9.08	63	132519	48.109	ug/l	100
46) Dibromomethane	9.17	93	79214	49.755	ug/l	98
47) Bromodichloromethane	9.37	83	175326	50.831	ug/l	100
48) Methyl methacrylate	9.17	41	132137	49.362	ug/l	99
49) 1,4-Dioxane	9.16	88	33030	803.367	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	824375	244.663	ug/l	99
52) Toluene	10.12	92	291893	51.238	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	202950	52.856	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	212757	51.639	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	112505	50.913	ug/l	97
56) Ethyl methacrylate	10.40	69	185754	46.928	ug/l	98
57) 1,3-Dichloropropane	10.68	76	204800	50.589	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	327679	272.427	ug/l	99
59) 2-Hexanone	10.72	43	627394	240.877	ug/l	100
60) Dibromochloromethane	10.87	129	127315	51.646	ug/l	98
61) 1,2-Dibromoethane	10.98	107	113318	49.247	ug/l	98
64) Tetrachloroethene	10.60	164	94937	50.842	ug/l	97
65) Chlorobenzene	11.40	112	298864	49.603	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	106175	46.843	ug/l	98
67) Ethyl Benzene	11.48	91	525662	47.584	ug/l	100
68) m/p-Xylenes	11.59	106	383699	96.634	ug/l	99
69) o-Xylene	11.92	106	171165	45.396	ug/l	98
70) Styrene	11.94	104	298770	46.908	ug/l	99
71) Bromoform	12.10	173	76889	45.180	ug/l #	99
73) Isopropylbenzene	12.22	105	476760	49.701	ug/l	100
74) N-amyl acetate	12.04	43	216201	50.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	146868	44.059	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	140583m	45.527	ug/l	
77) Bromobenzene	12.50	156	114237	49.555	ug/l	95
78) n-propylbenzene	12.56	91	545609	48.557	ug/l	99
79) 2-Chlorotoluene	12.65	91	341811	49.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	431267	54.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	54881	49.475	ug/l	96
82) 4-Chlorotoluene	12.75	91	364097	50.514	ug/l	99
83) tert-Butylbenzene	12.97	119	333019	50.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	403057	51.635	ug/l	97
85) sec-Butylbenzene	13.15	105	477884	54.025	ug/l	100
86) p-Isopropyltoluene	13.26	119	431425	56.707	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	207609	51.320	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	193506	48.591	ug/l	97
89) n-Butylbenzene	13.59	91	390631	59.757	ug/l	100
90) Hexachloroethane	13.85	117	78593	48.527	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	196382	50.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	35252	58.247	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	123521	60.066	ug/l	98
94) Hexachlorobutadiene	14.98	225	73162	70.089	ug/l	98
95) Naphthalene	15.10	128	315146	57.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122405	67.147	ug/l	99

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

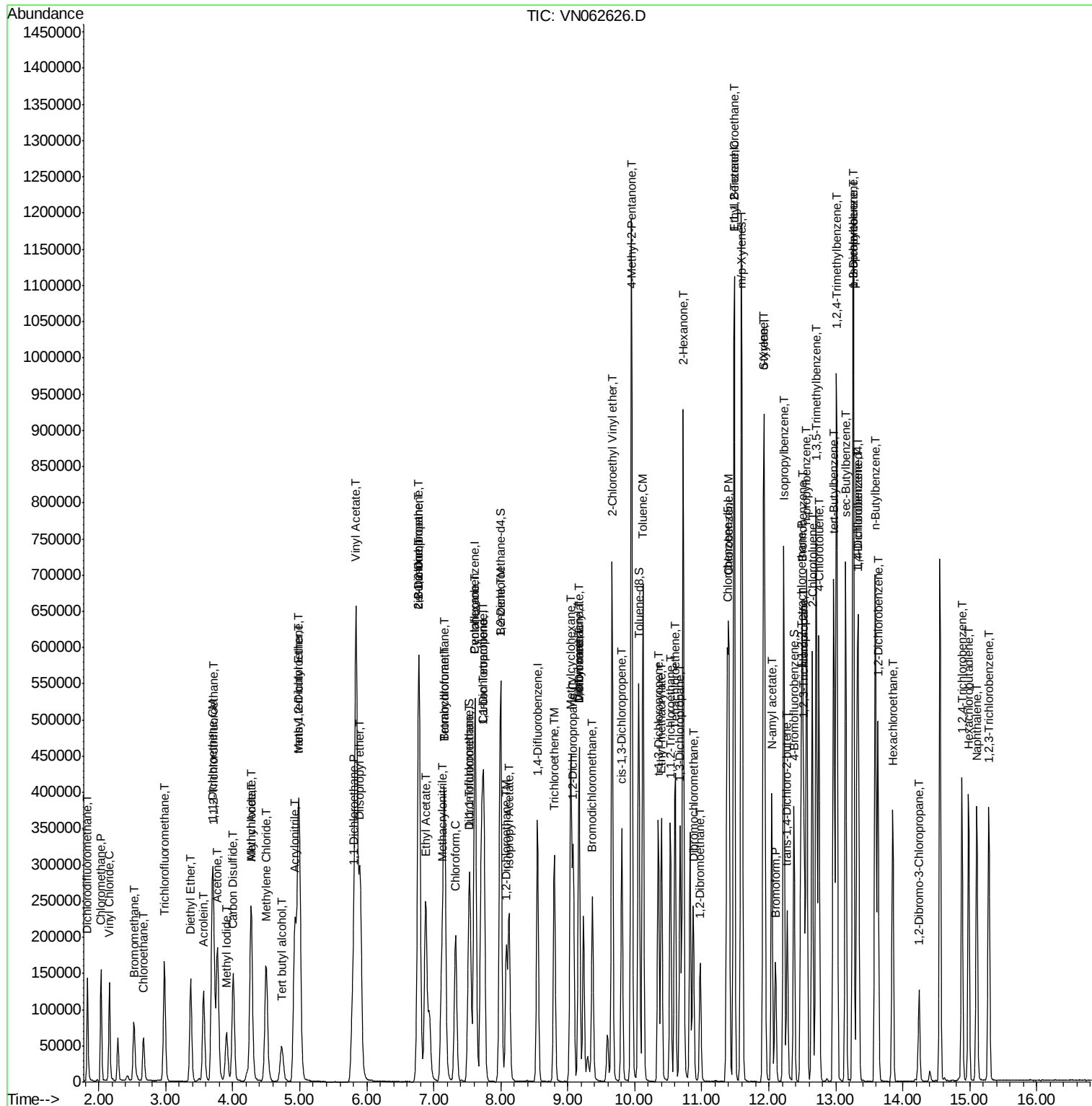
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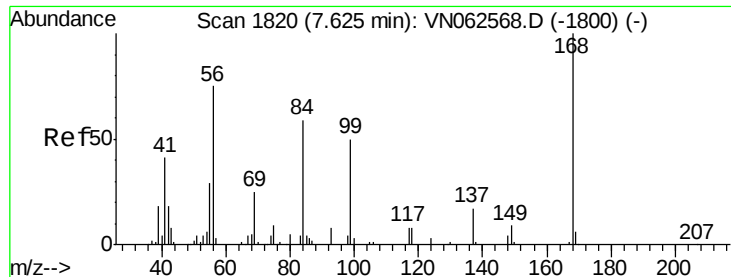
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 194102

Ion Ratio Lower Upper

168 100

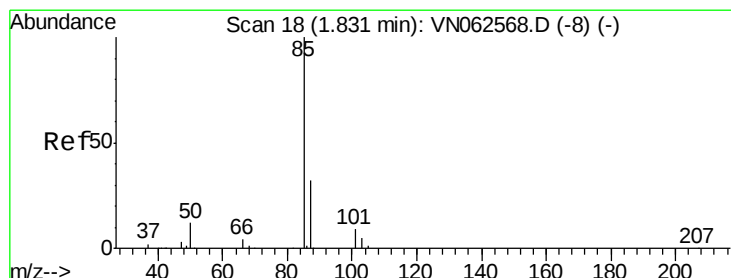
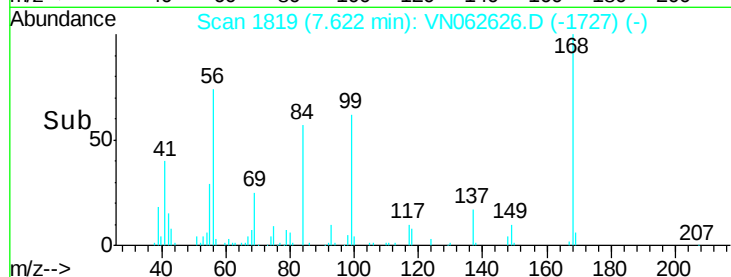
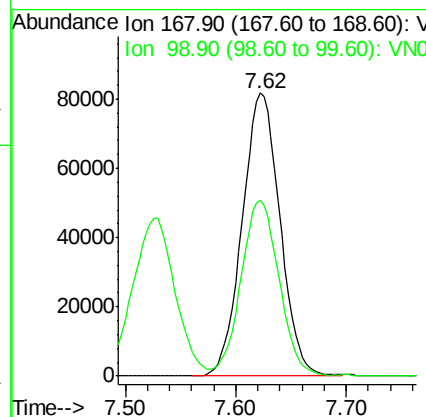
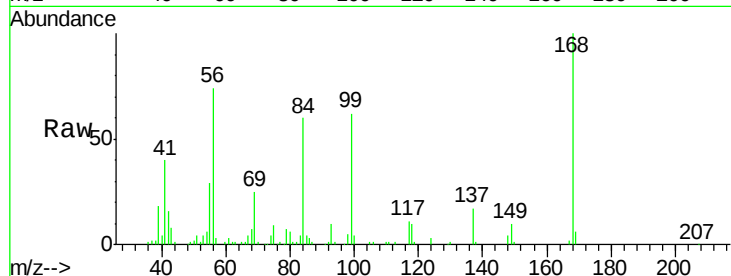
99 61.7 48.4 72.6

Manual Integrations

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7/29/2020 7:06:19 PM



#2

Dichlorodifluoromethane

Concen: 46.987 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062626.D

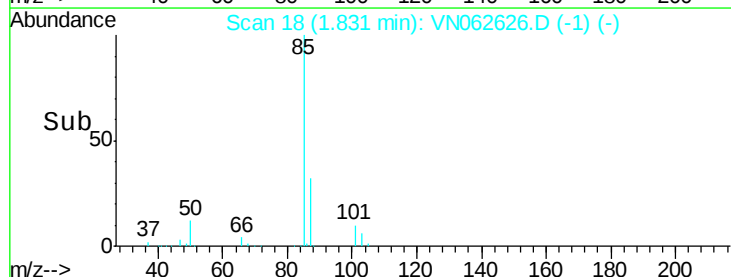
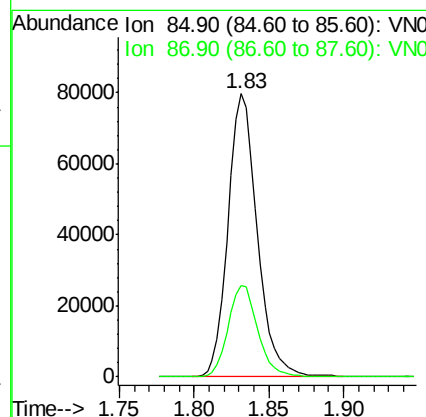
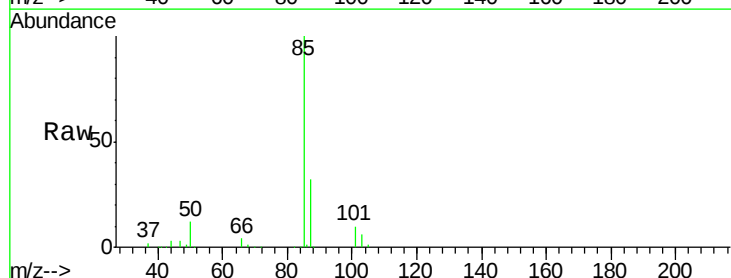
Acq: 28 Jul 2020 10:38

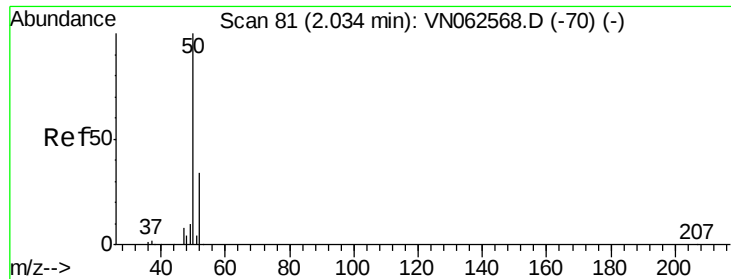
Tgt Ion: 85 Resp: 108787

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0





#3

Chloromethane

Concen: 41.024 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 128825

Ion Ratio Lower Upper

50 100

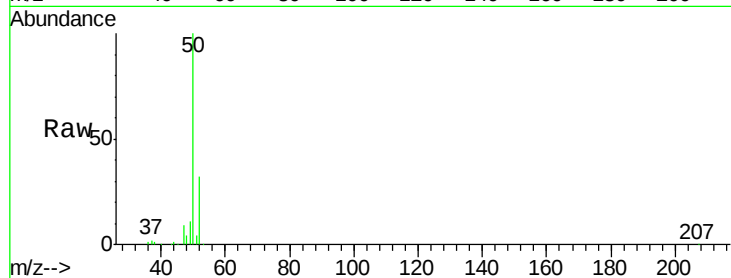
52 32.0 27.0 40.4

Manual Integrations

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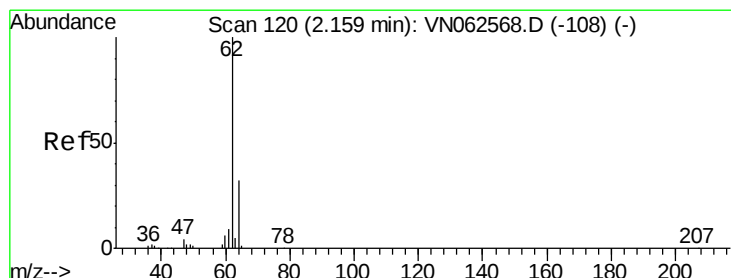
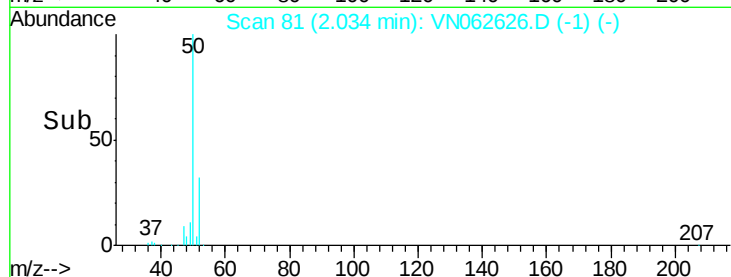
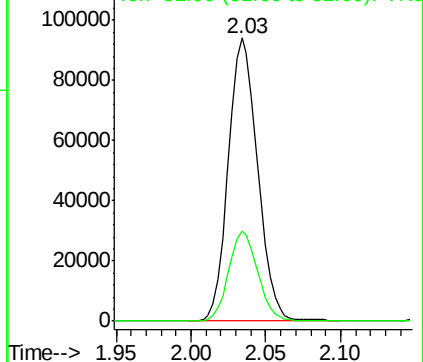
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 44.360 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062626.D

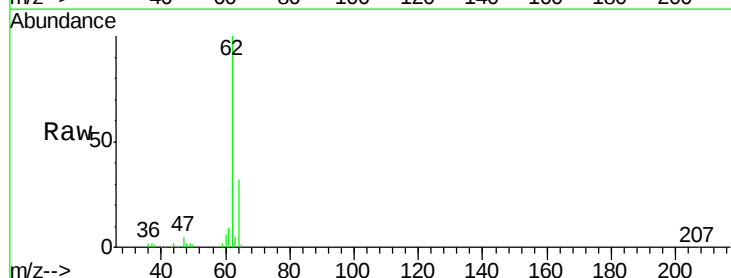
Acq: 28 Jul 2020 10:38

Tgt Ion: 62 Resp: 120761

Ion Ratio Lower Upper

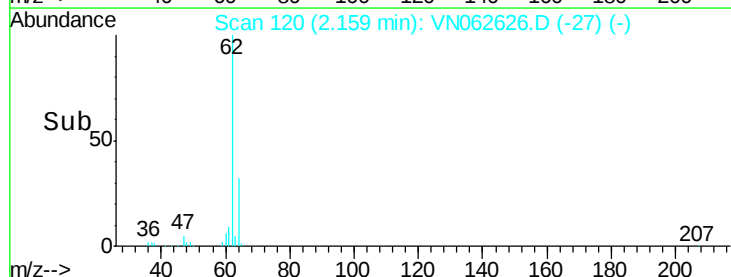
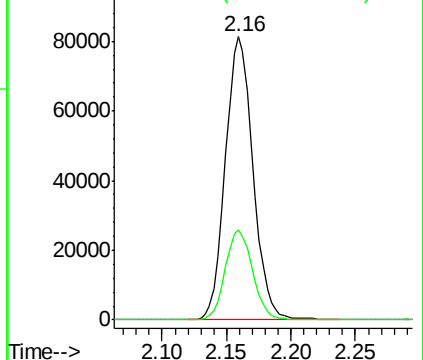
62 100

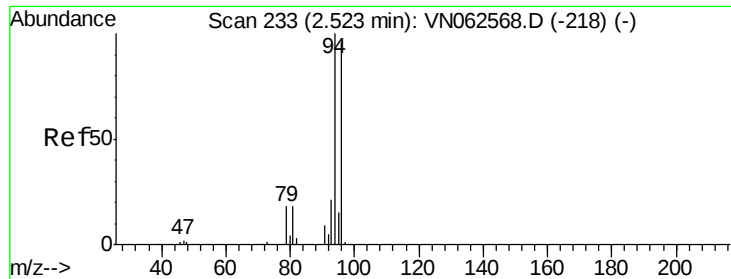
64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 47.589 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

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VSTDCCC050

Tgt Ion: 94 Resp: 57380

Ion Ratio Lower Upper

94 100

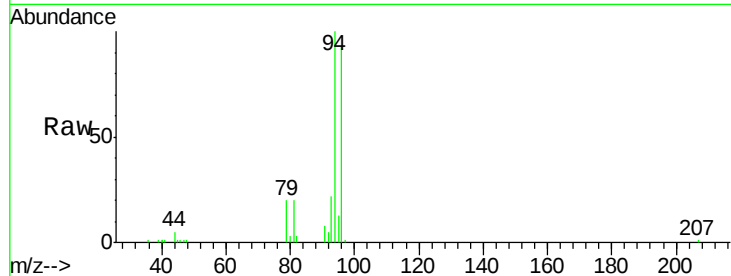
96 93.4 76.6 114.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

30000

25000

20000

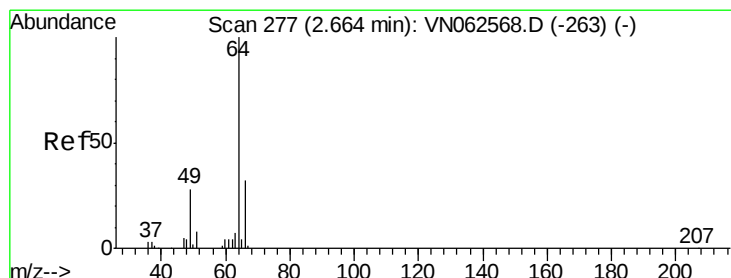
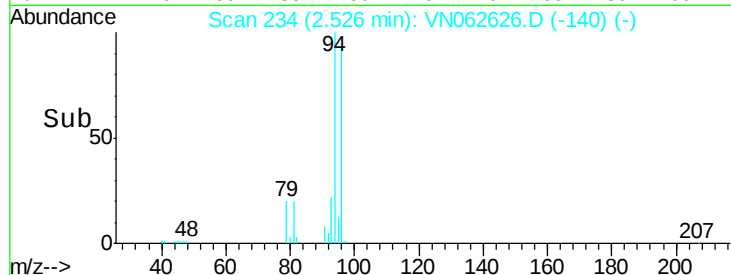
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 46.475 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062626.D

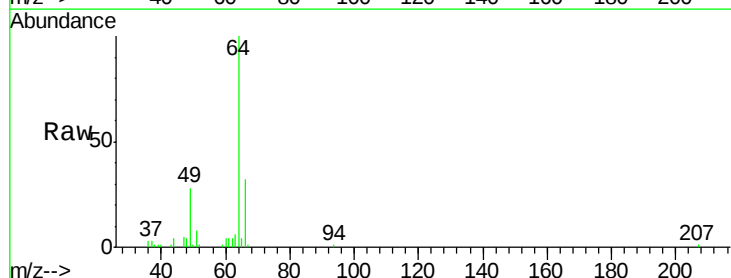
Acq: 28 Jul 2020 10:38

Tgt Ion: 64 Resp: 57229

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

30000

25000

20000

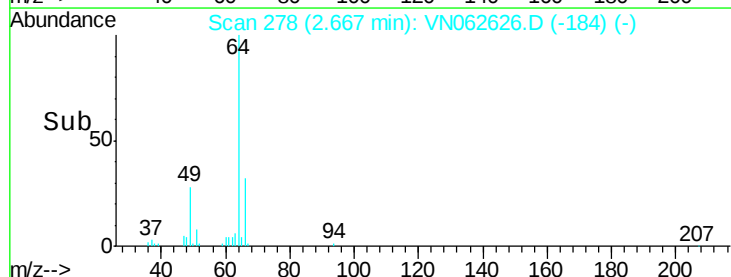
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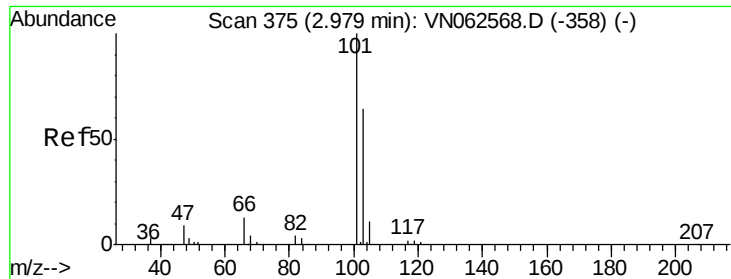
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5000

0

Time-->





#7

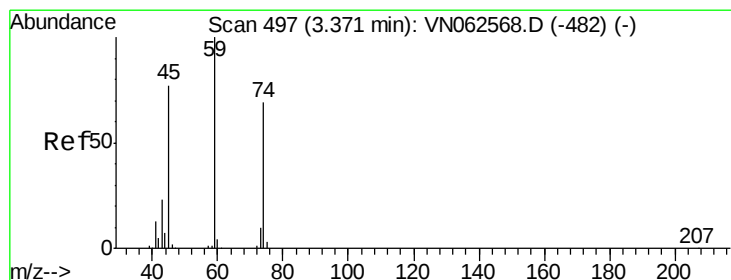
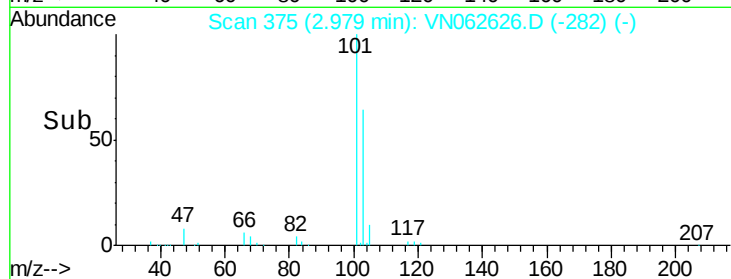
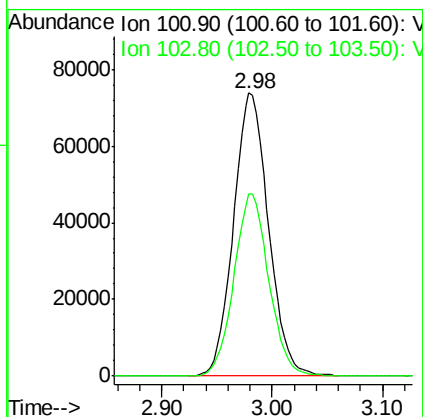
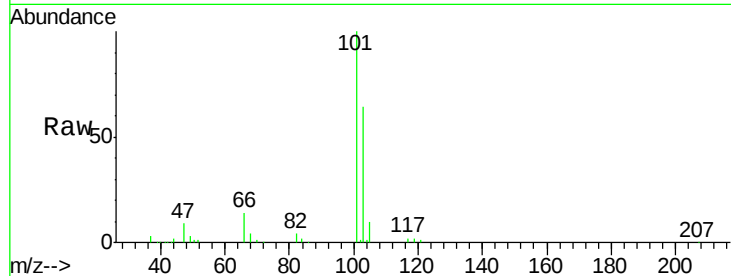
Trichlorofluoromethane
 Concen: 50.717 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.5	77.3

Manual Integrations
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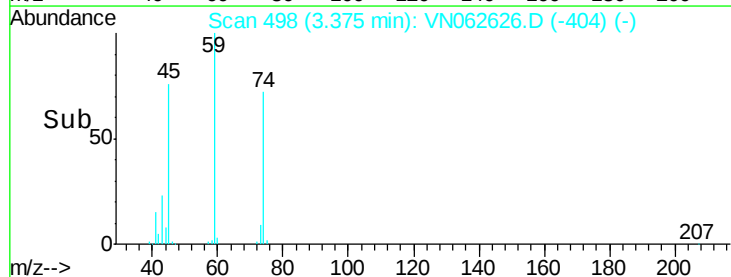
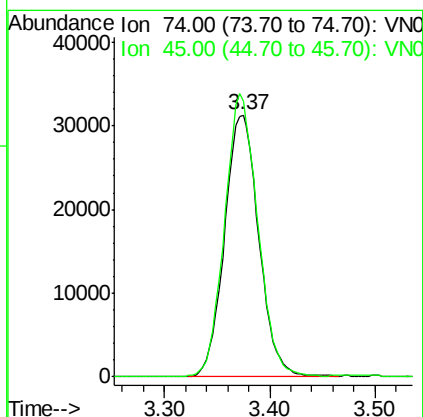
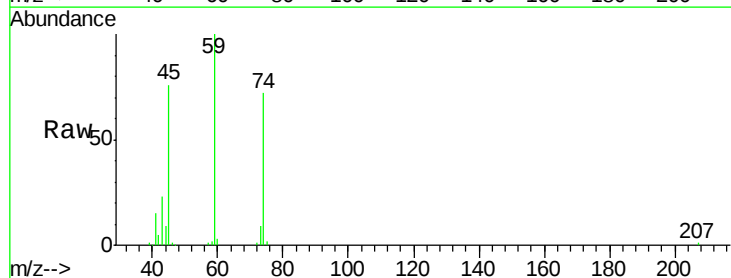
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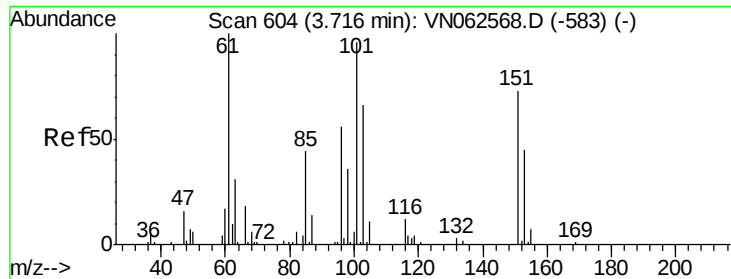


#8

Diethyl Ether
 Concen: 47.052 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.9	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.463 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

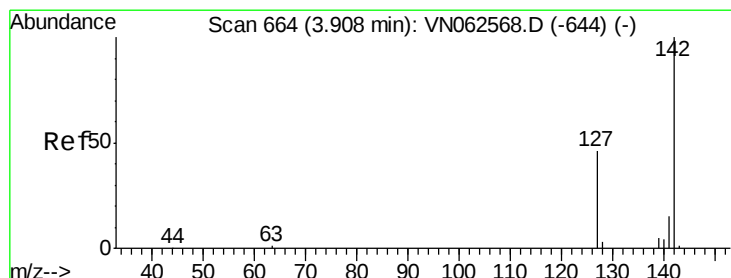
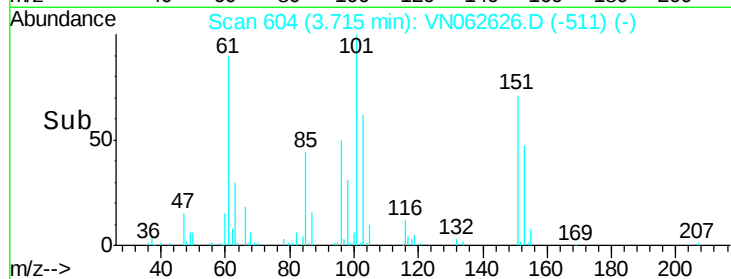
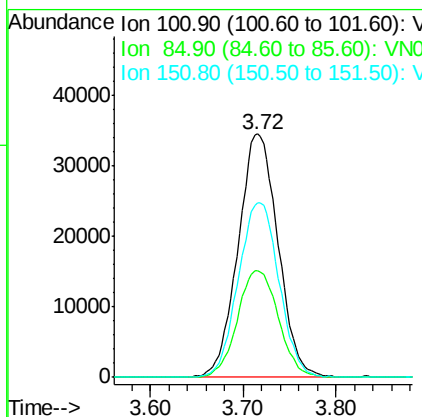
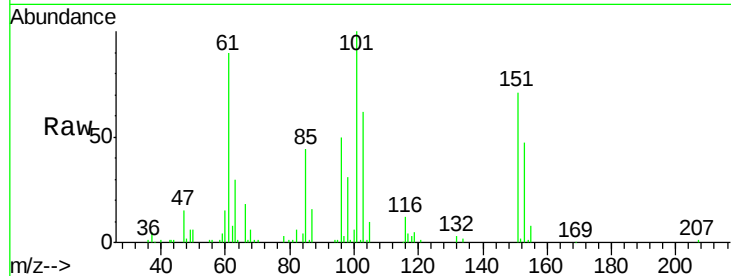
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	103411
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	73.1	60.0	90.0

Manual Integrations
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#10

Methyl Iodide

Concen: 40.936 ug/l

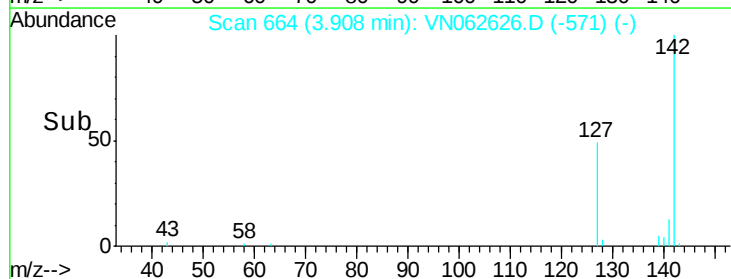
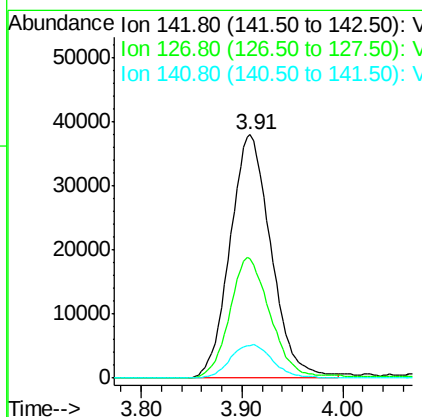
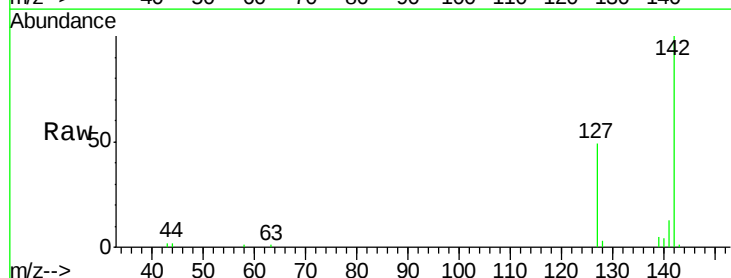
RT: 3.91 min Scan# 664

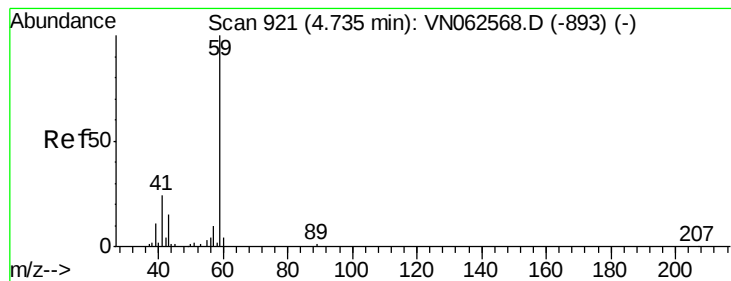
Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion:	142	Resp:	107249
Ion Ratio	Lower	Upper	
142	100		
127	48.8	37.4	56.0
141	14.0	11.9	17.9





#11

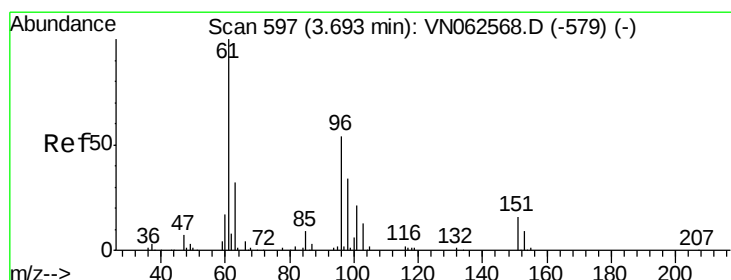
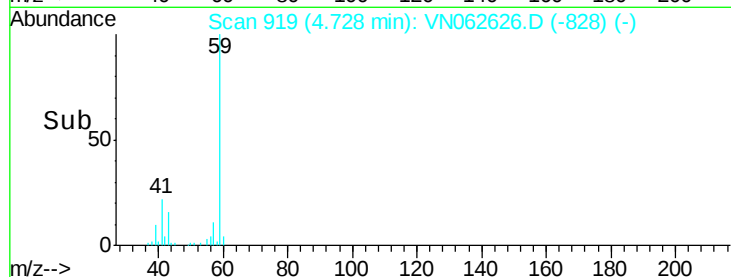
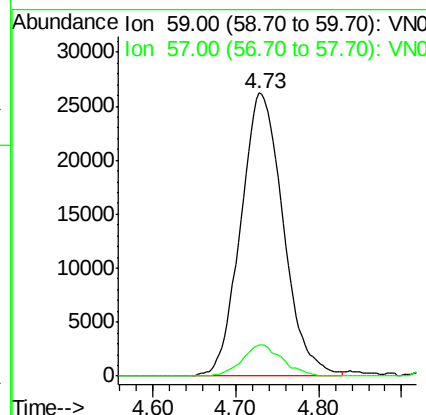
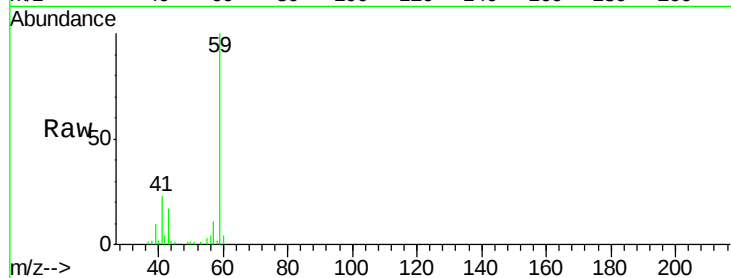
Tert butyl alcohol
 Concen: 194.877 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

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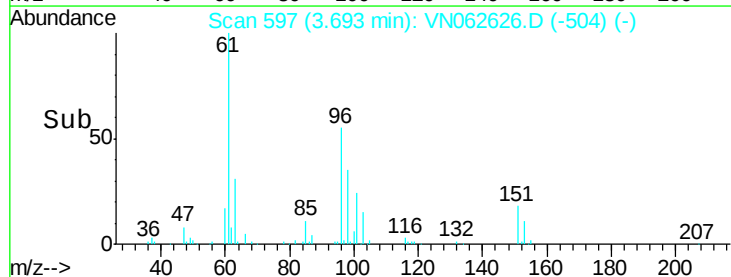
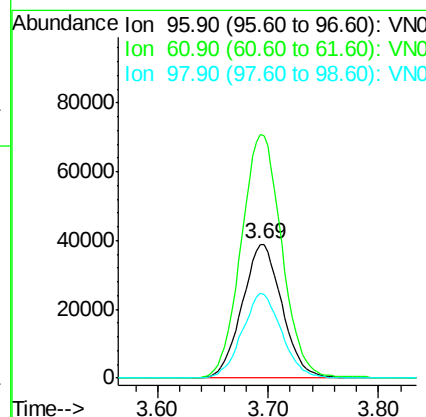
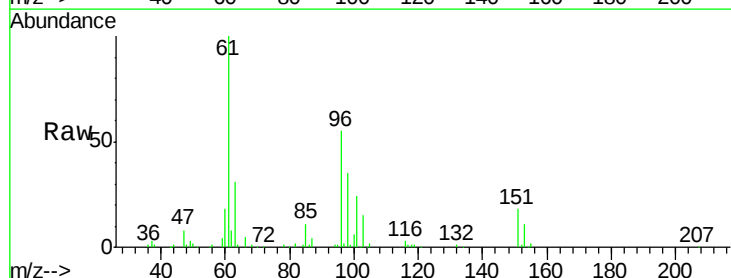
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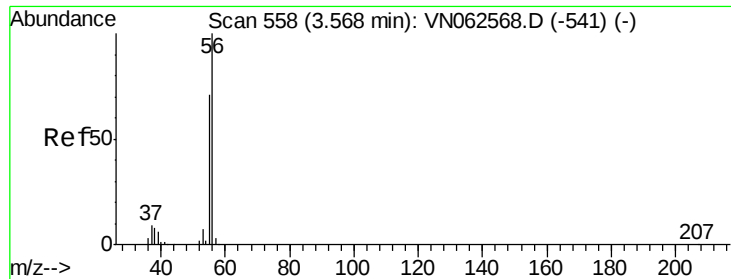


#12

1,1-Dichloroethene
 Concen: 46.764 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.1	148.6	222.8
98	63.8	50.6	75.8





#13

Acrolein

Concen: 289.380 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 145444

Ion Ratio Lower Upper

56 100

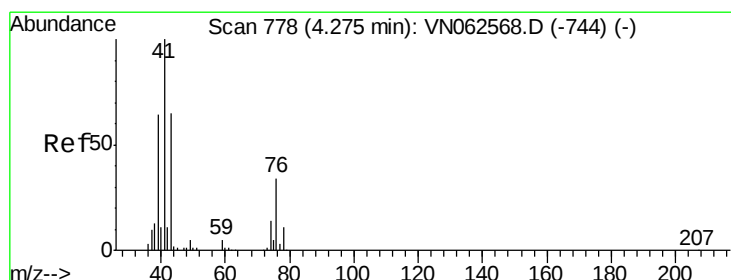
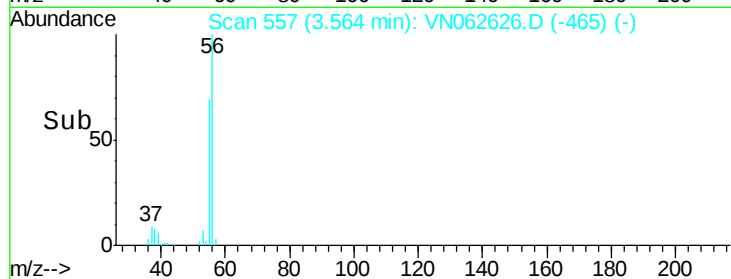
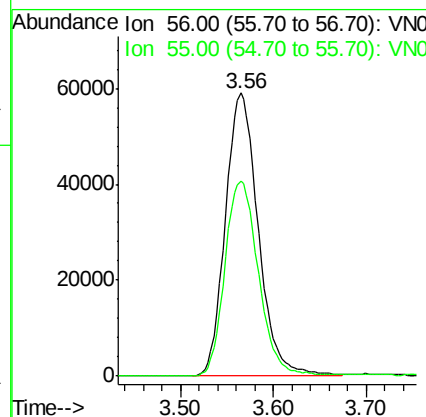
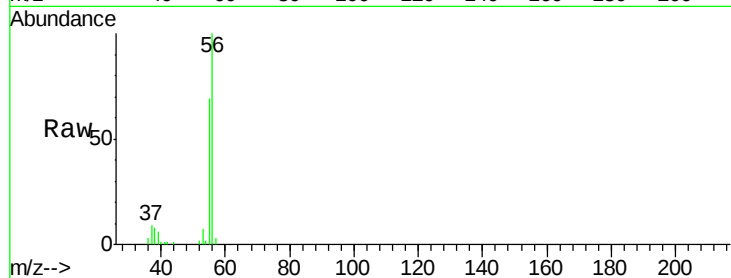
55 70.5 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 44.387 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

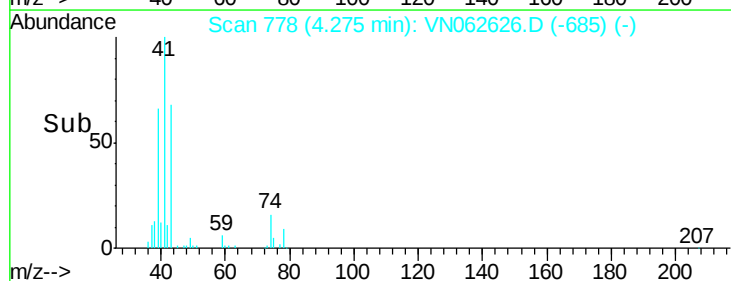
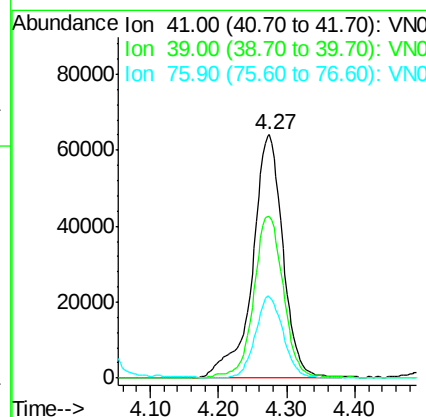
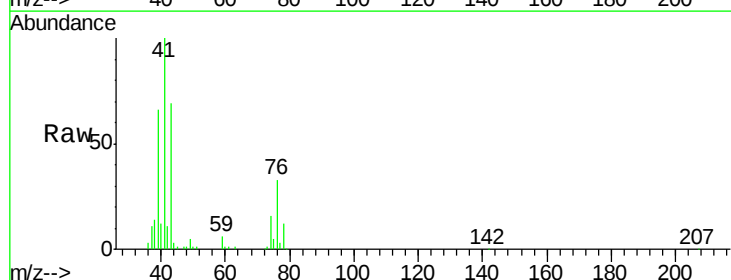
Tgt Ion: 41 Resp: 199547

Ion Ratio Lower Upper

41 100

39 64.3 49.0 73.4

76 30.7 24.0 36.0





#15

Acrylonitrile

Concen: 226.549 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

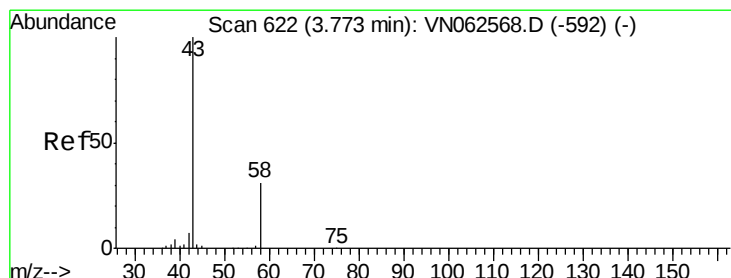
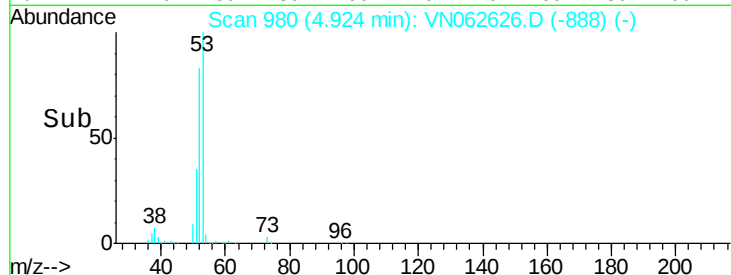
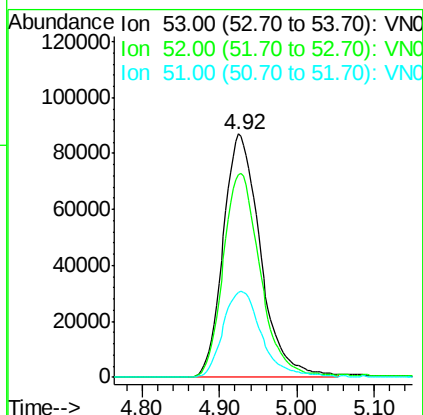
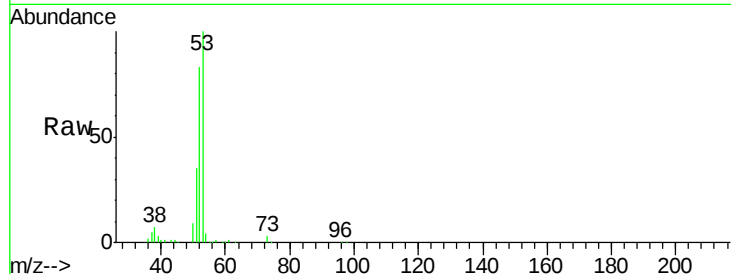
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	291067
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.3	99.5
51	36.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 266.417 ug/l

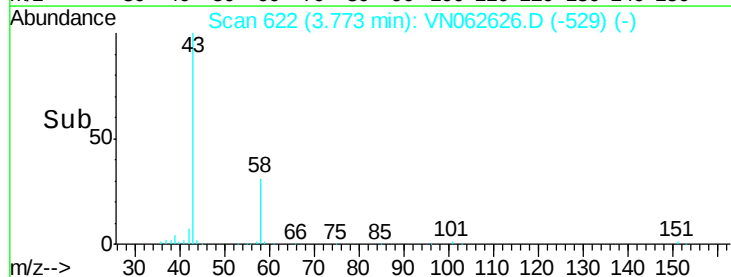
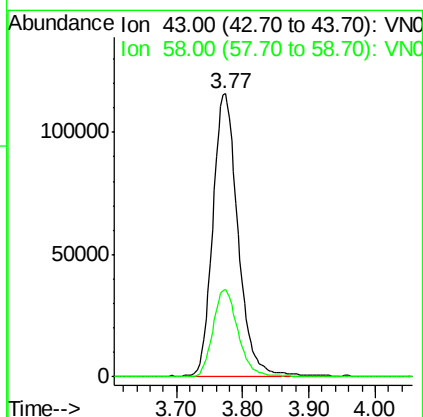
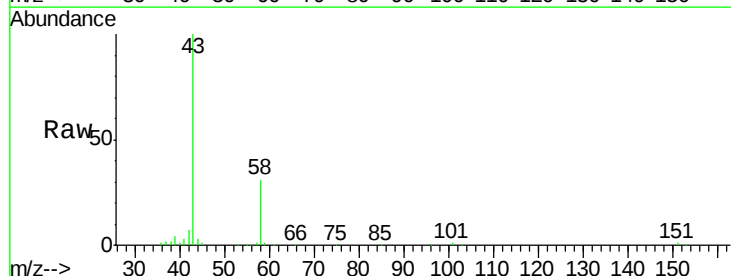
RT: 3.77 min Scan# 622

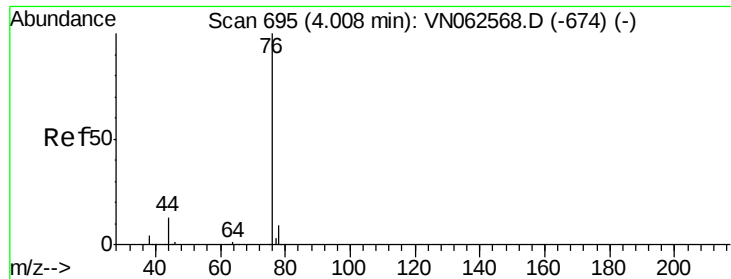
Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion:	43	Resp:	302296
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.6	37.0





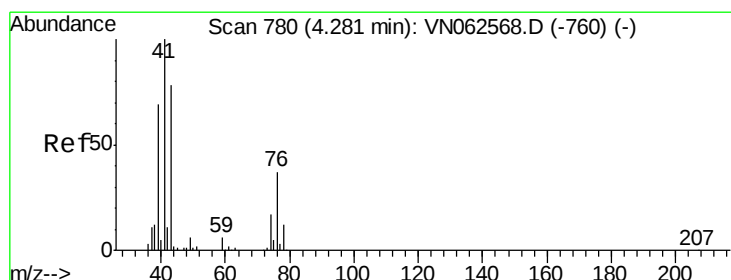
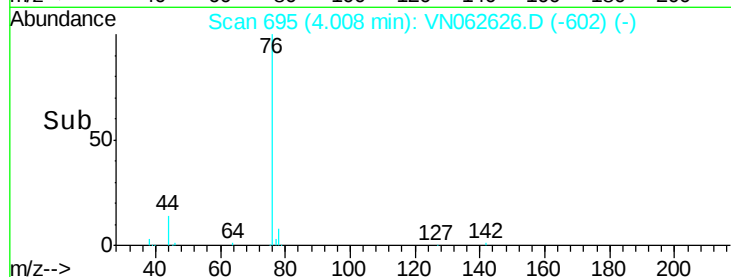
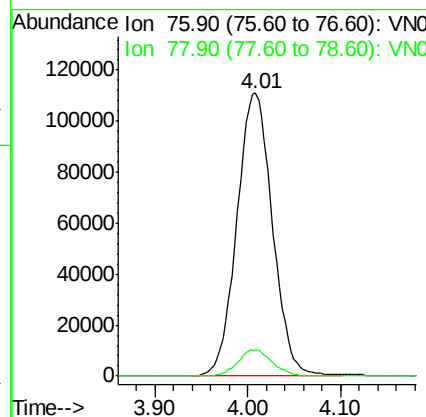
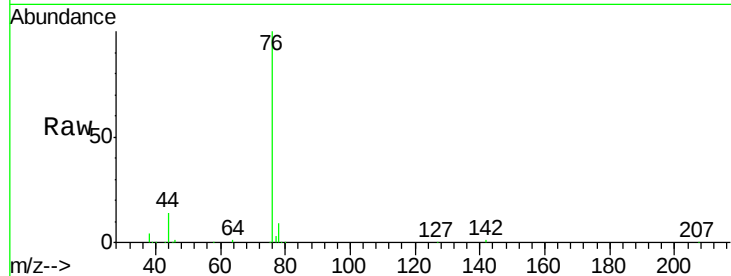
#17
Carbon Disulfide
Concen: 43.325 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 295856
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

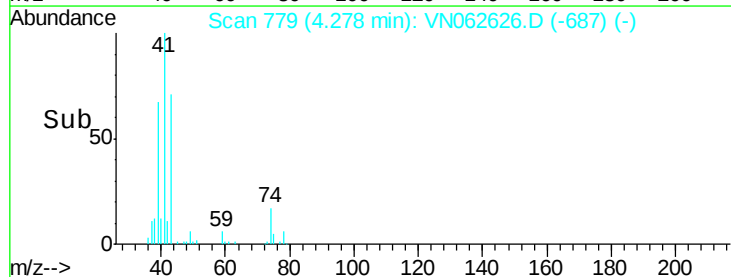
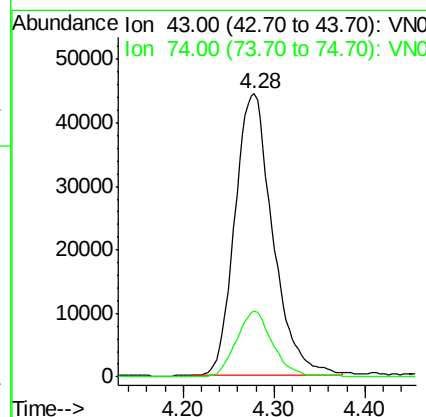
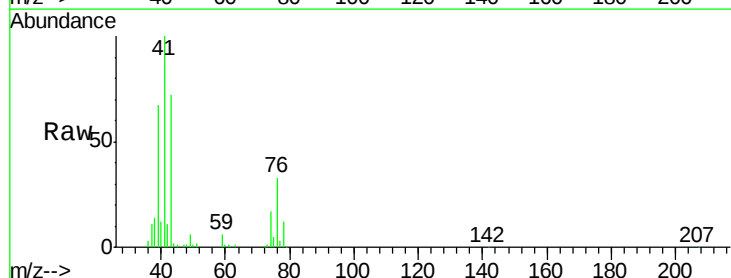
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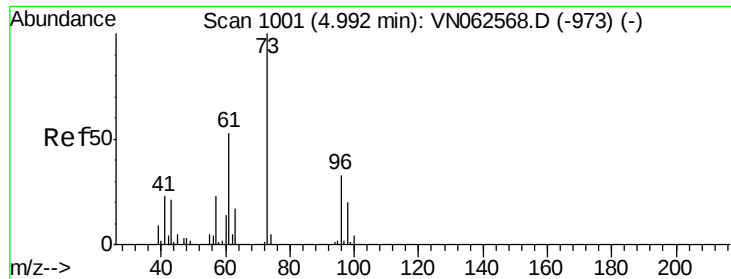
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#18
Methyl Acetate
Concen: 44.742 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 43 Resp: 128523
Ion Ratio Lower Upper
43 100
74 22.1 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 47.675 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 364693

Ion Ratio Lower Upper

73 100

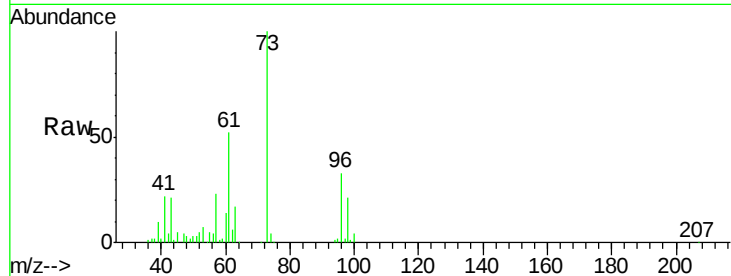
57 22.7 18.6 27.8

Manual Integrations

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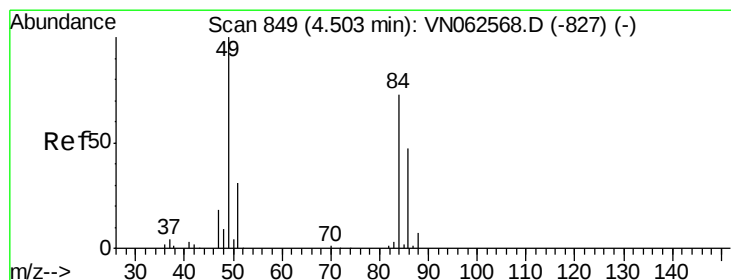
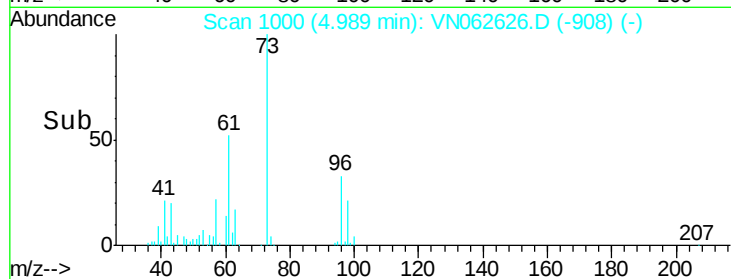
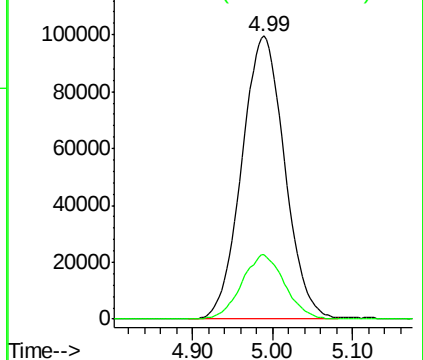
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Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 42.711 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion: 84 Resp: 116235

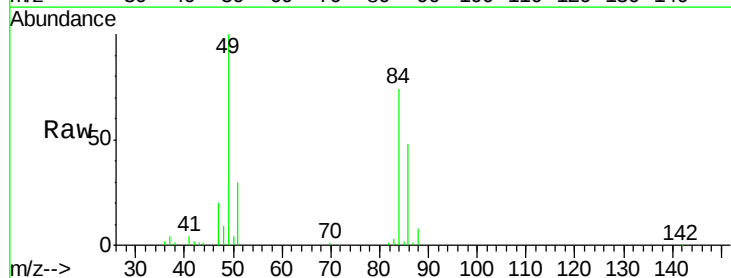
Ion Ratio Lower Upper

84 100

49 135.5 109.4 164.0

51 41.3 33.6 50.4

86 65.3 51.4 77.2

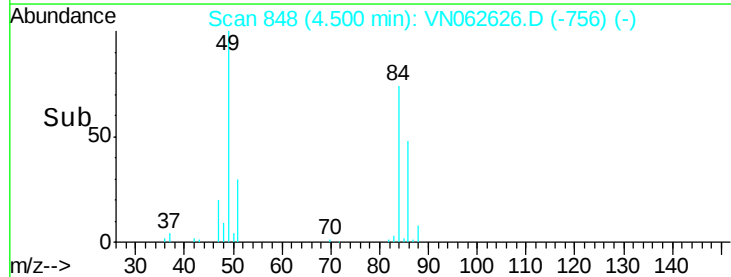
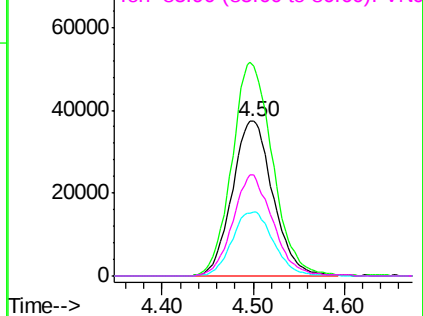


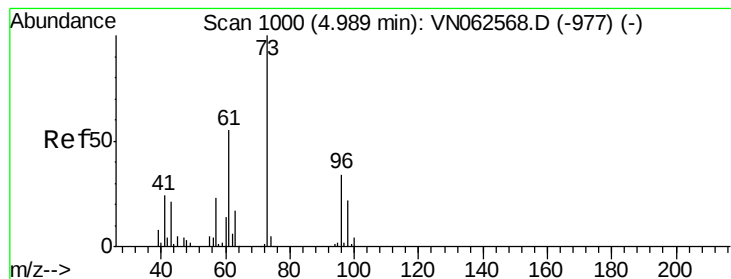
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 47.084 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

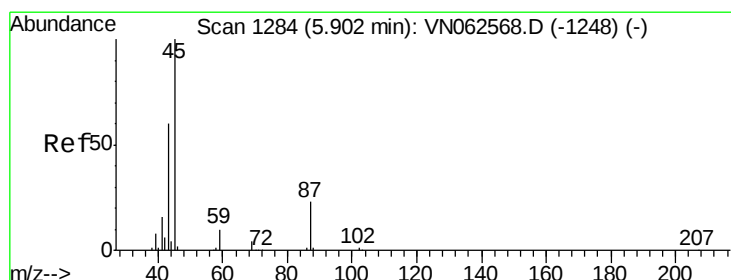
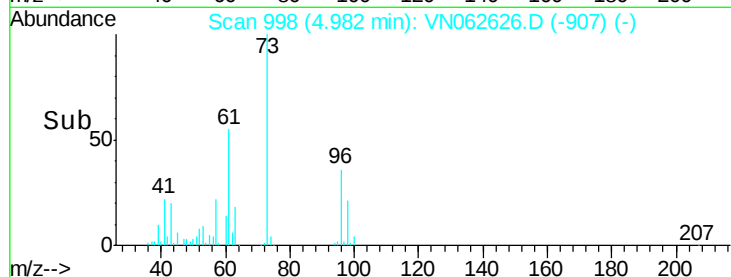
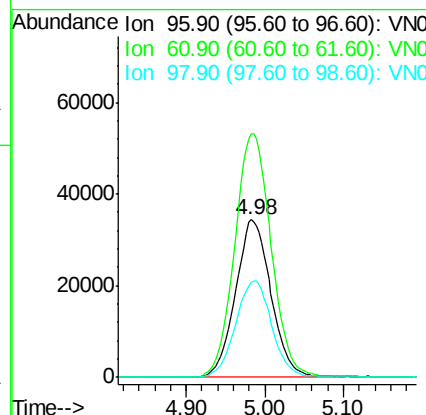
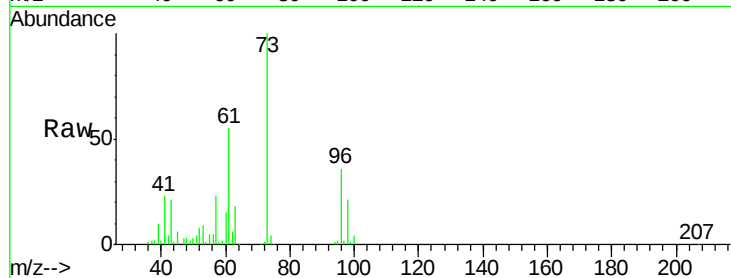
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	108609
Ion	Ratio	Lower	Upper
96	100		
61	154.1	128.6	192.8
98	60.0	50.6	76.0

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#22

Diisopropyl ether

Concen: 44.949 ug/l

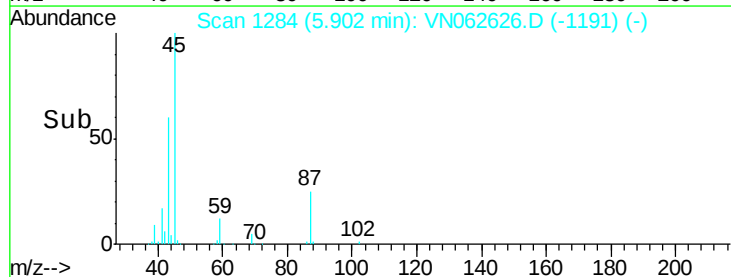
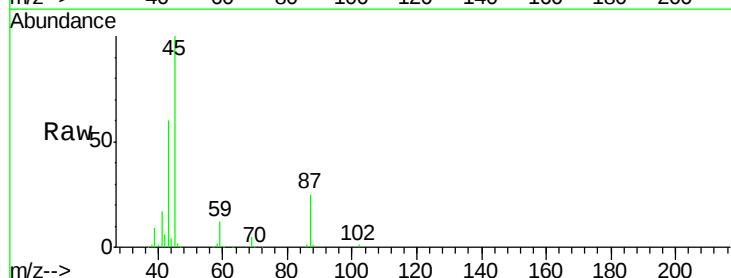
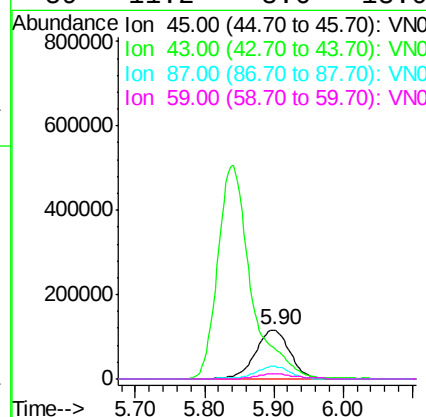
RT: 5.90 min Scan# 1284

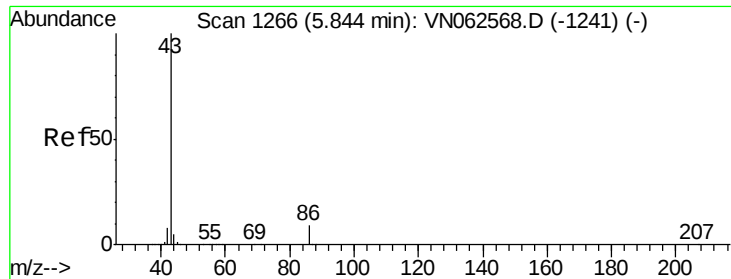
Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion:	45	Resp:	401667
Ion	Ratio	Lower	Upper
45	100		
43	58.5	48.7	73.1
87	24.9	19.0	28.6
59	11.2	8.6	13.0





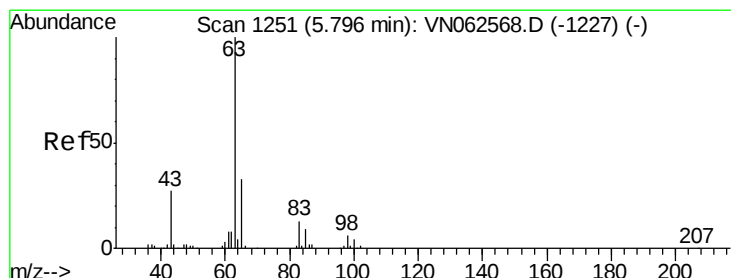
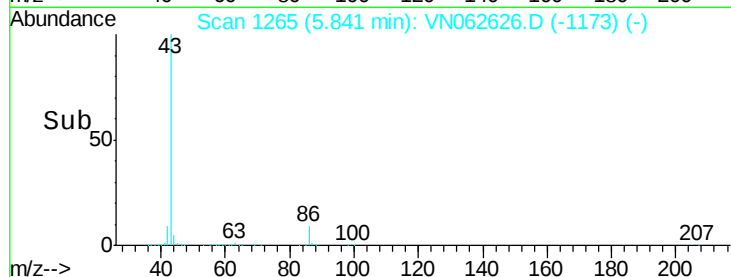
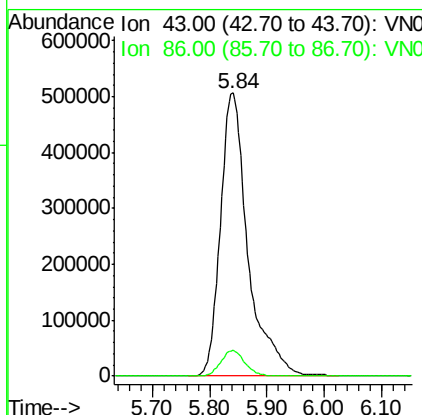
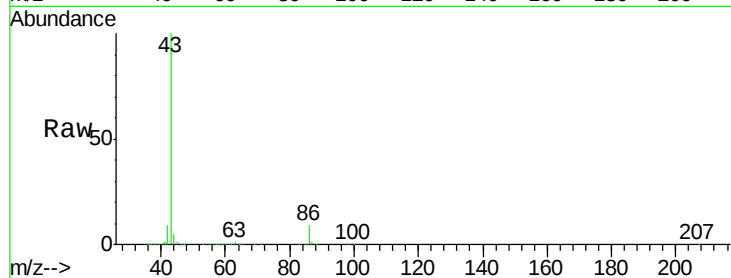
#23
 Vinyl Acetate
 Concen: 231.626 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1695992
 Ion Ratio Lower Upper
 43 100
 86 9.0 6.9 10.3

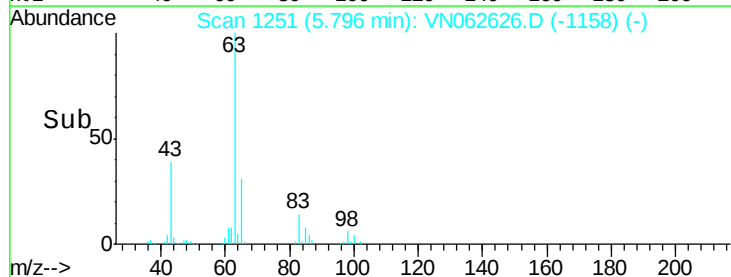
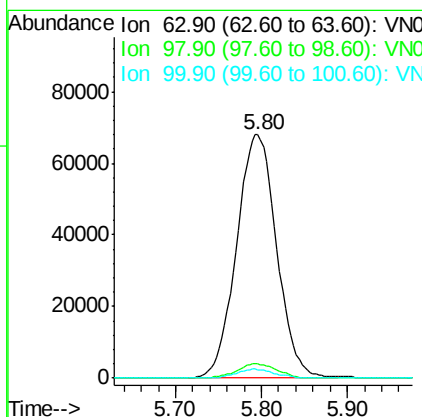
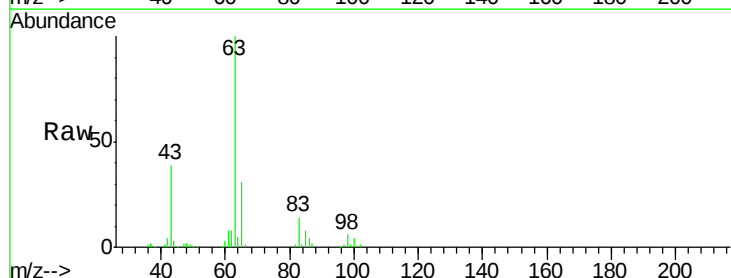
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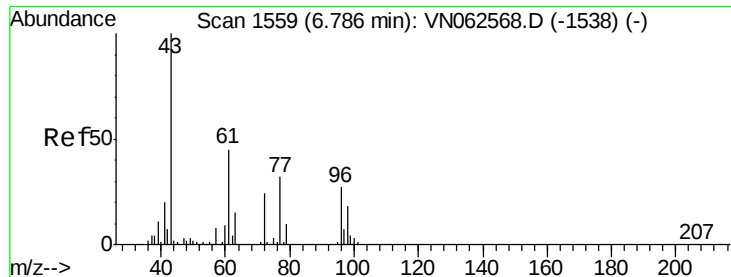
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#24
 1,1-Dichloroethane
 Concen: 45.739 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 63 Resp: 220102
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 3.6 1.8 5.4





#25

2-Butanone

Concen: 233.801 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 404025

Ion Ratio Lower Upper

43 100

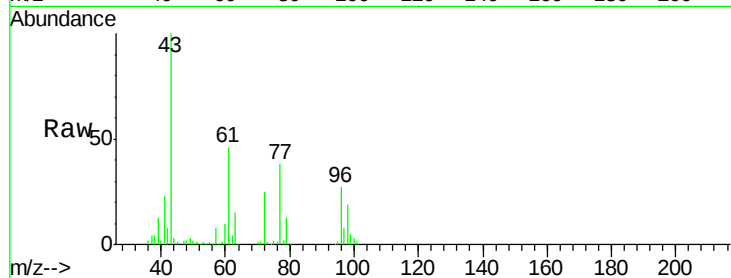
72 24.6 19.0 28.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

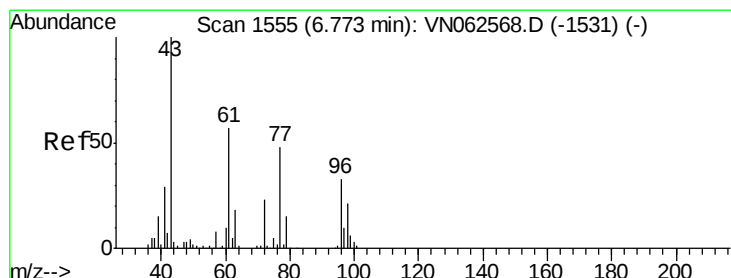
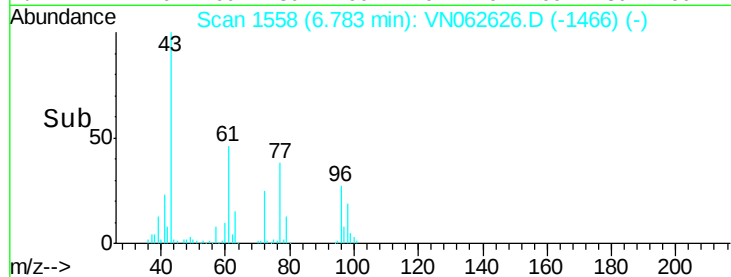
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.033 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062626.D

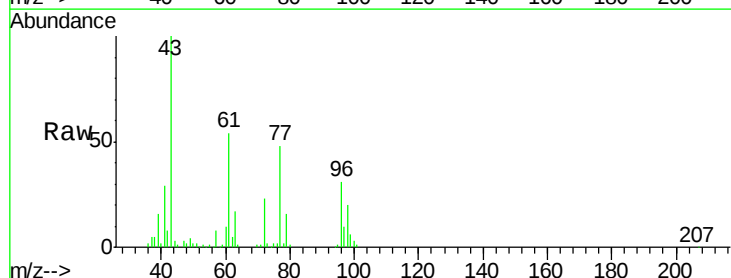
Acq: 28 Jul 2020 10:38

Tgt Ion: 77 Resp: 193697

Ion Ratio Lower Upper

77 100

97 20.6 10.8 32.4



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

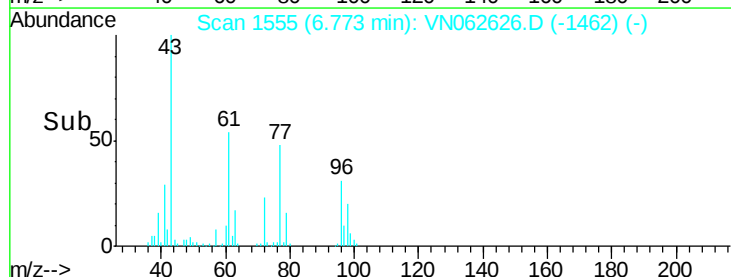
60000

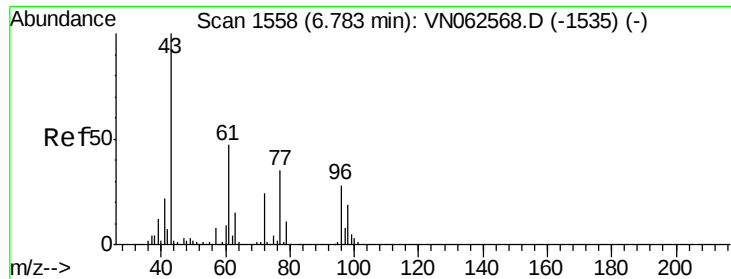
40000

20000

0

Time-->





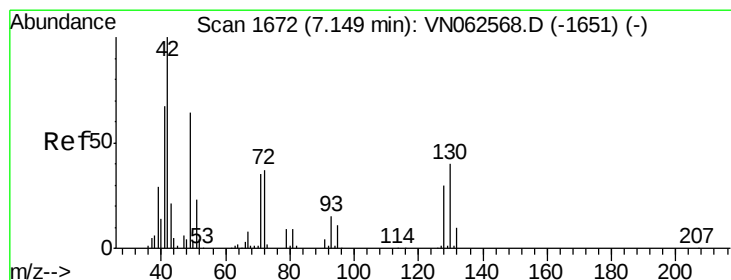
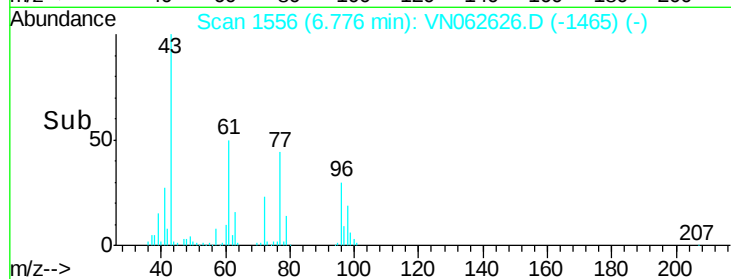
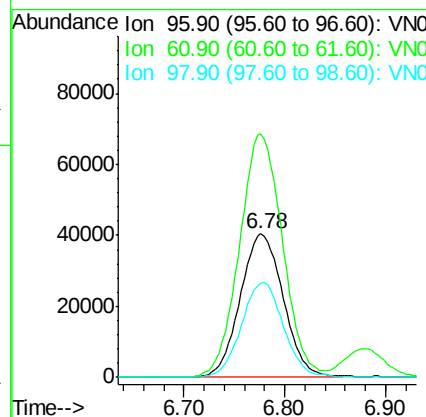
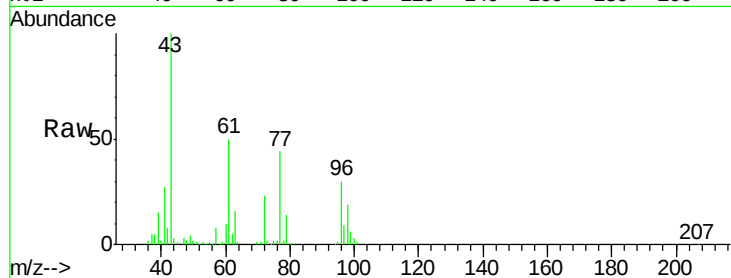
#27
 cis-1,2-Dichloroethene
 Concen: 45.452 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	119638		
61	169.5	0.0	332.4	
98	64.8	0.0	127.4	

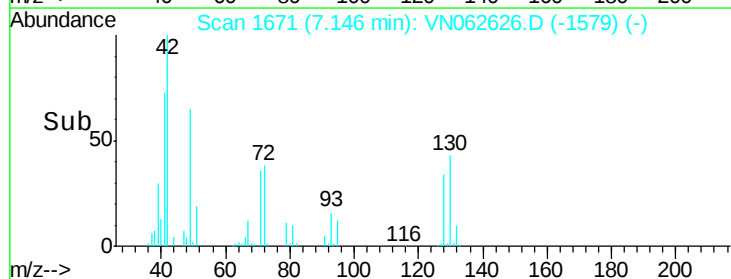
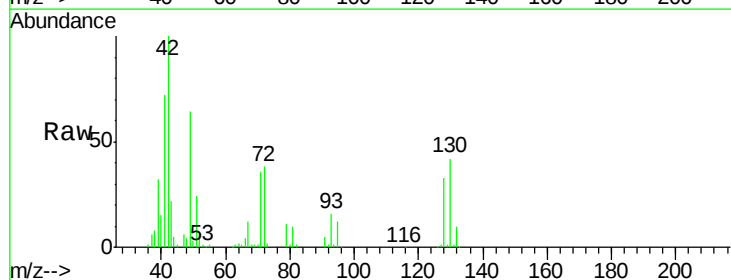
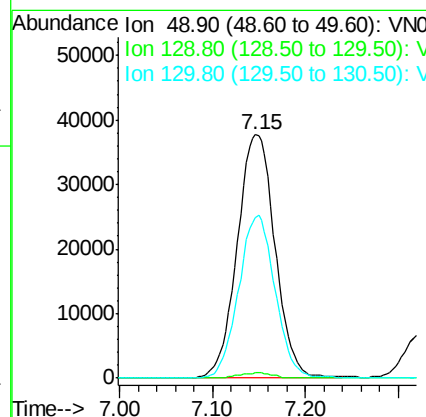
Manual Integrations
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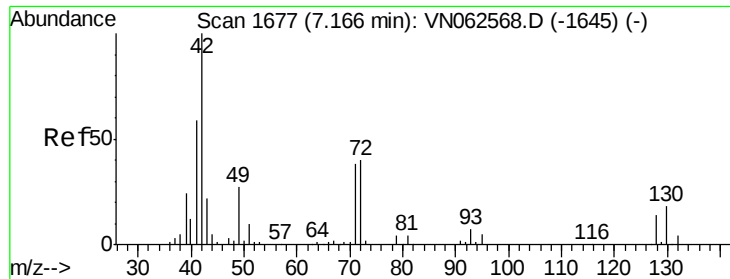
MMDadoda
 7/29/2020 7:06:19 PM



#28
 Bromochloromethane
 Concen: 44.964 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106484		
129	1.8	0.0	3.4	
130	64.5	49.8	74.8	





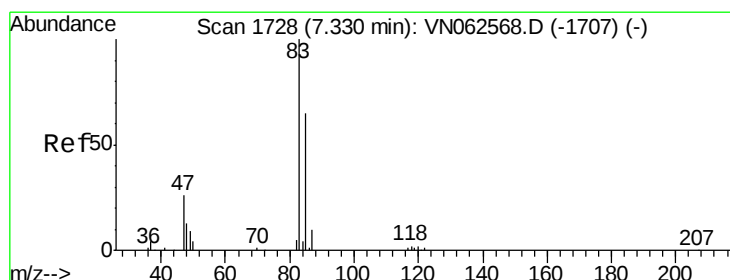
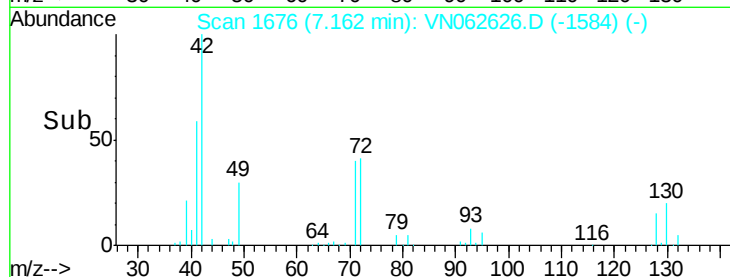
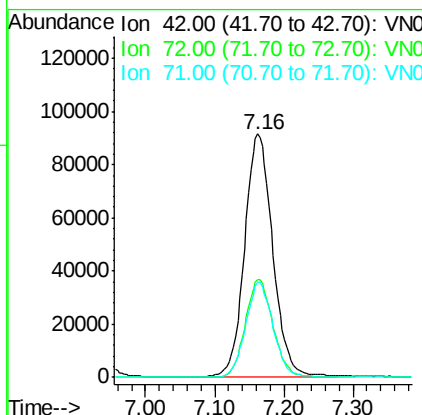
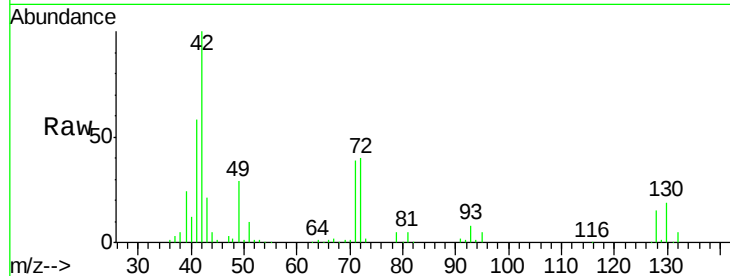
#29
Tetrahydrofuran
Concen: 221.350 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.4	30.7	46.1
71	38.0	29.1	43.7

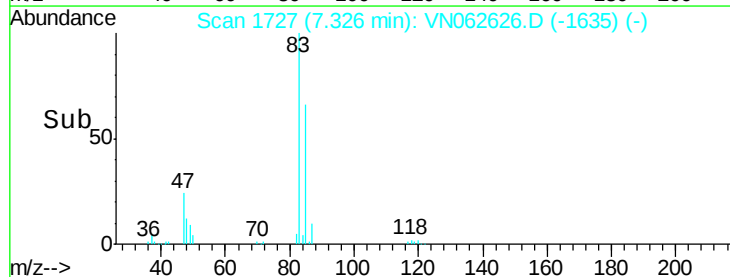
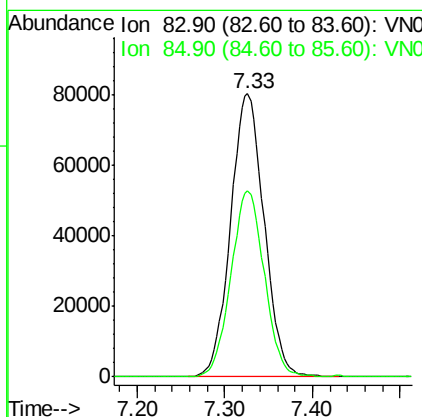
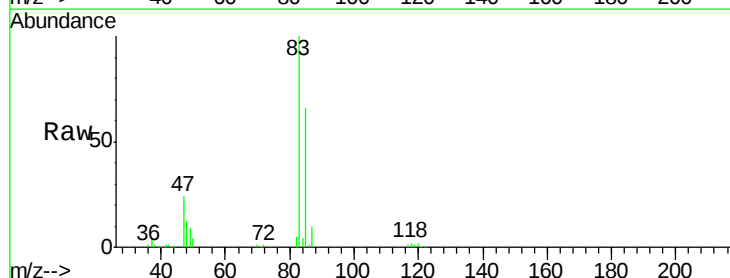
Manual Integrations
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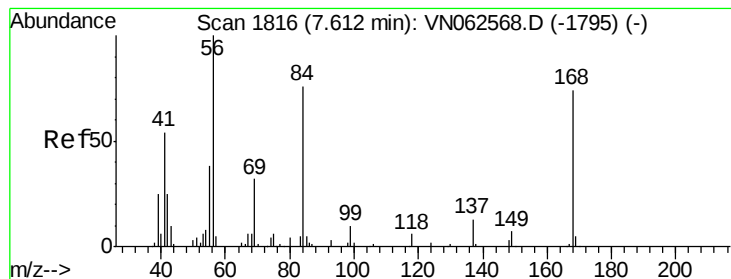
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#30
Chloroform
Concen: 46.685 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.0	78.0





#31

Cyclohexane

Concen: 44.619 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 198240
Ion Ratio Lower Upper

56 100

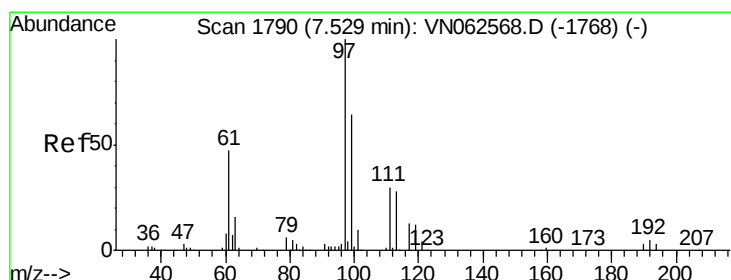
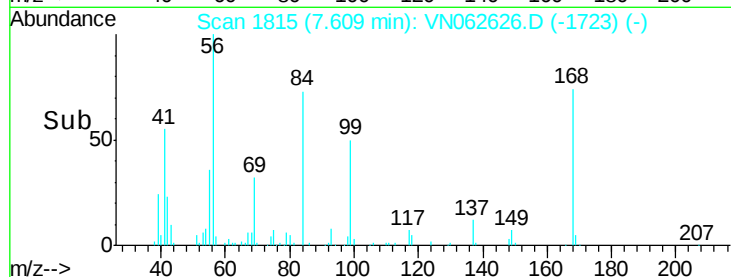
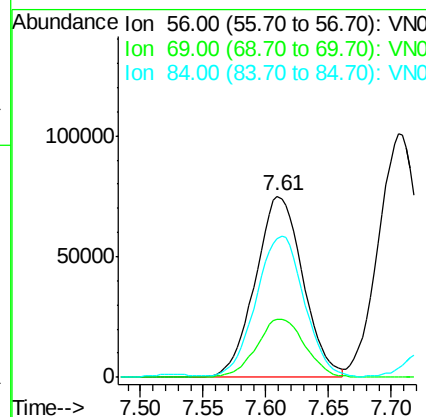
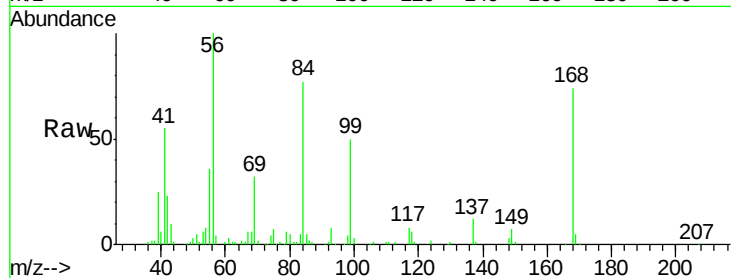
69 31.9 25.3 37.9

84 75.5 61.0 91.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.345 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062626.D

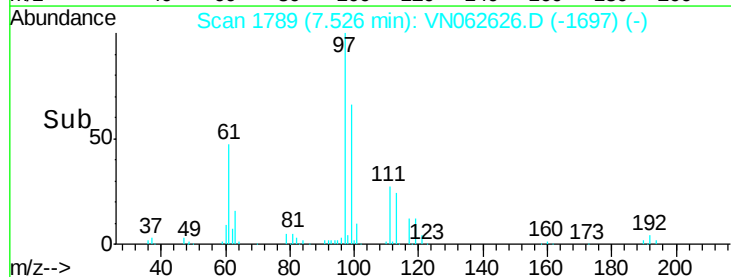
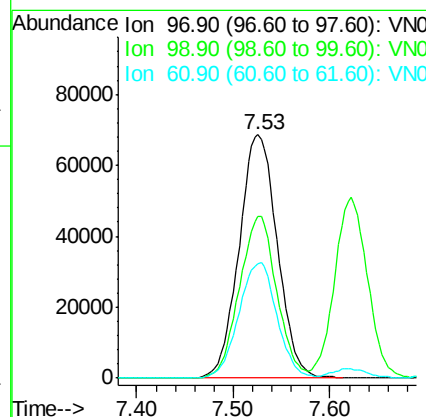
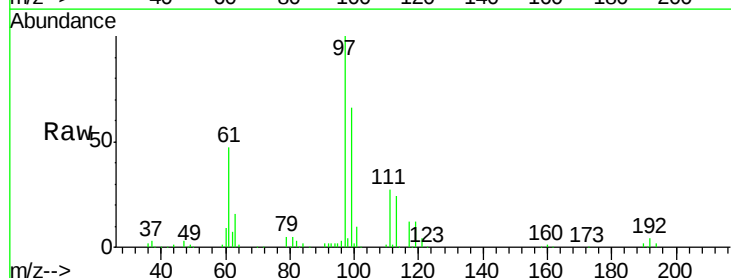
Acq: 28 Jul 2020 10:38

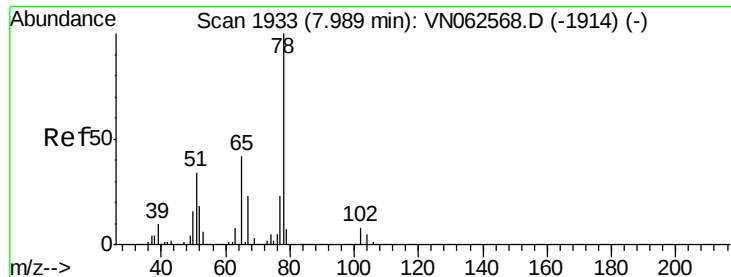
Tgt Ion: 97 Resp: 188495
Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

61 47.3 38.4 57.6





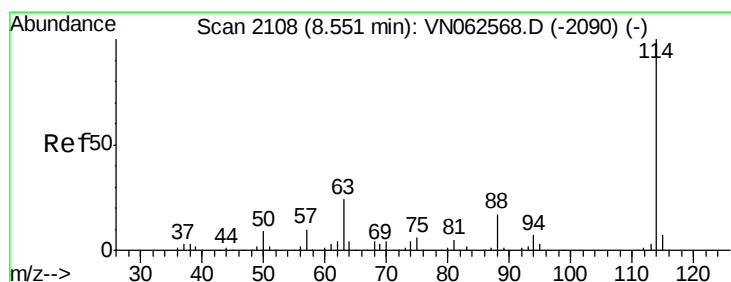
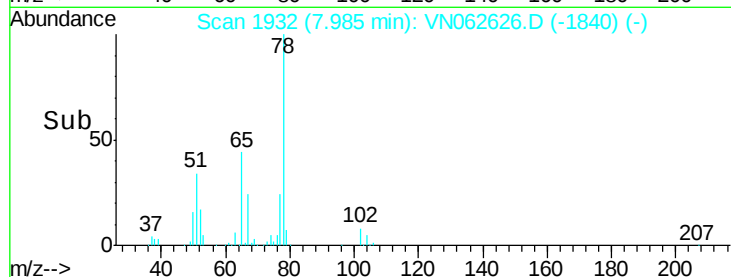
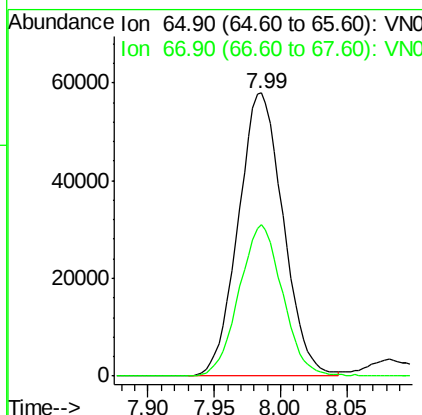
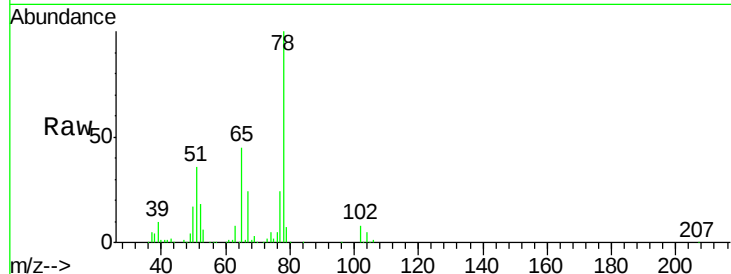
#33
 1,2-Dichloroethane-d4
 Concen: 45.295 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 136576
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.0

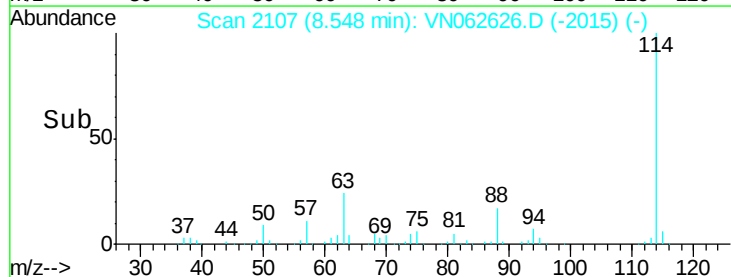
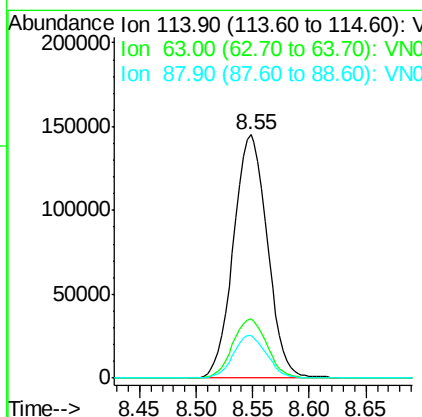
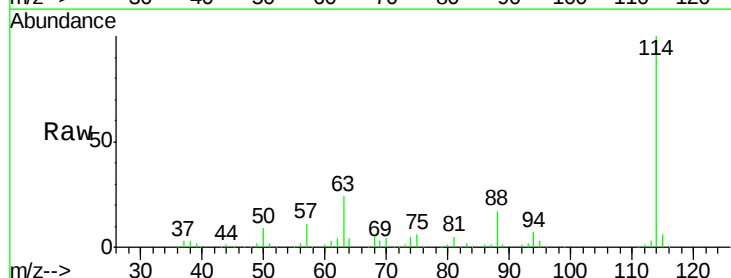
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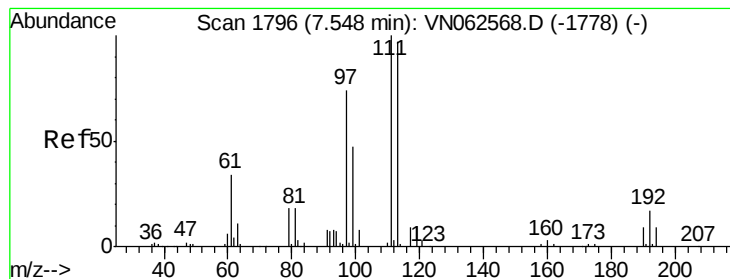
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 114 Resp: 304027
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.345 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

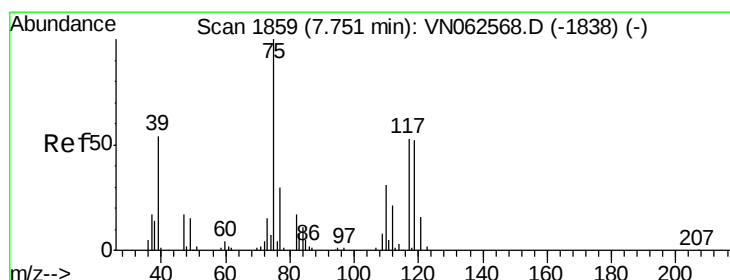
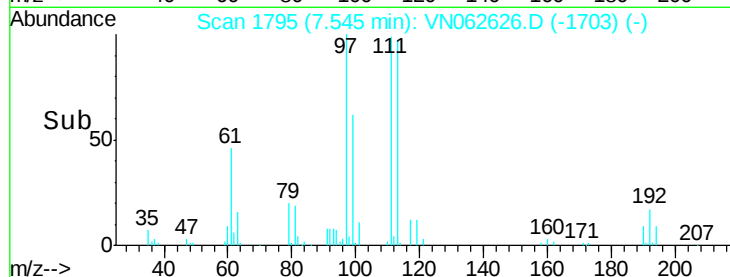
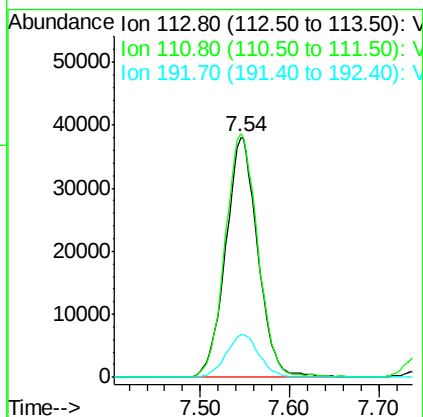
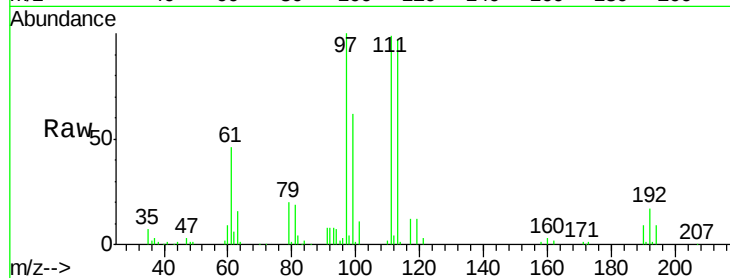
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	94550
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	18.1	14.8	22.2

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#36

1,1-Dichloropropene

Concen: 51.430 ug/l

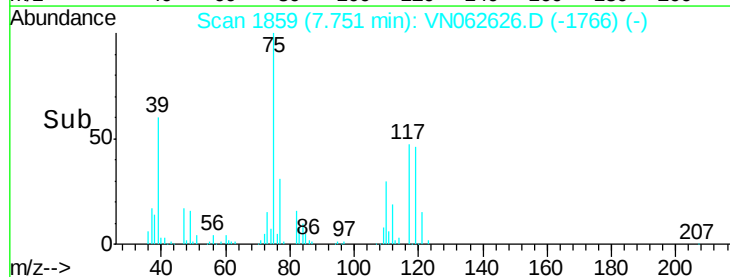
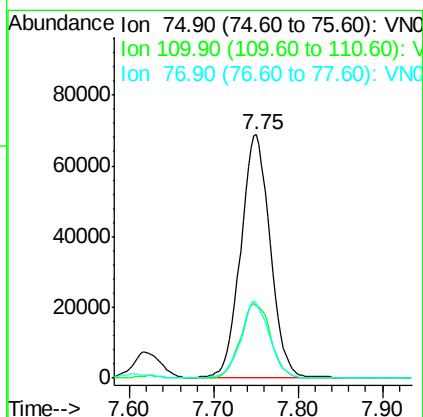
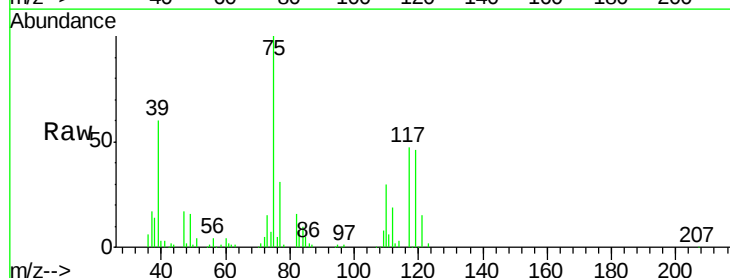
RT: 7.75 min Scan# 1859

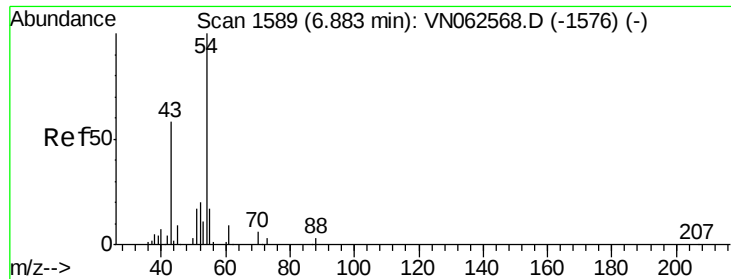
Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion:	75	Resp:	166665
Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.0	48.0
77	30.9	24.6	36.8





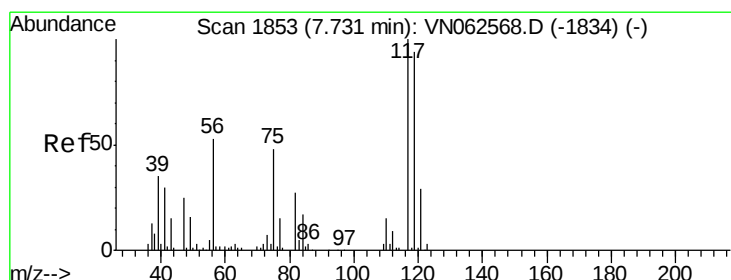
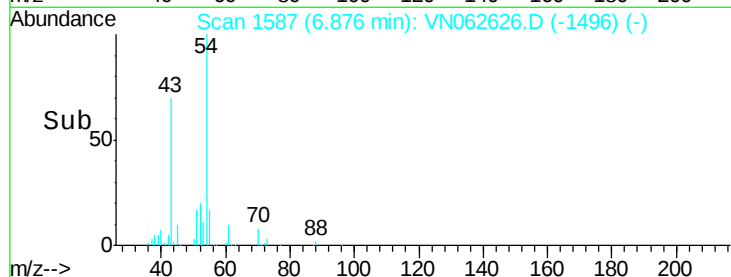
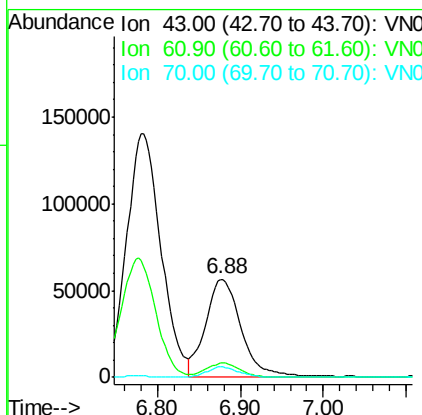
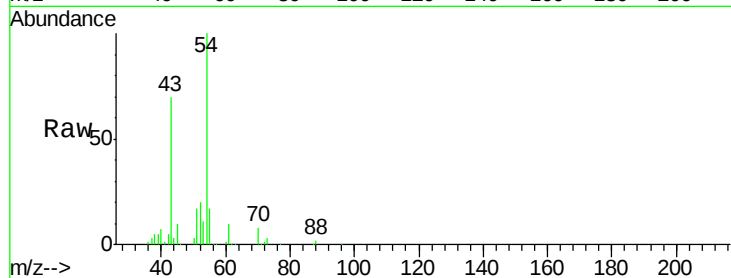
#37
Ethyl Acetate
Concen: 47.726 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	9.8	7.7	11.5

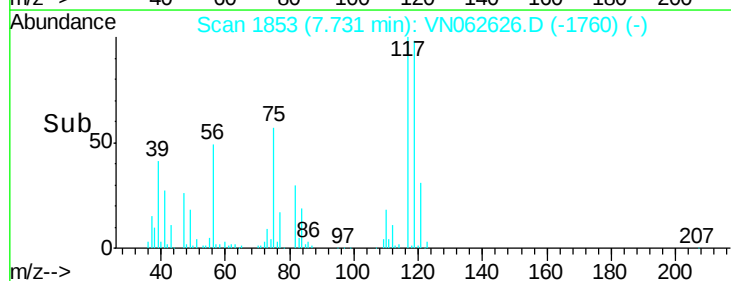
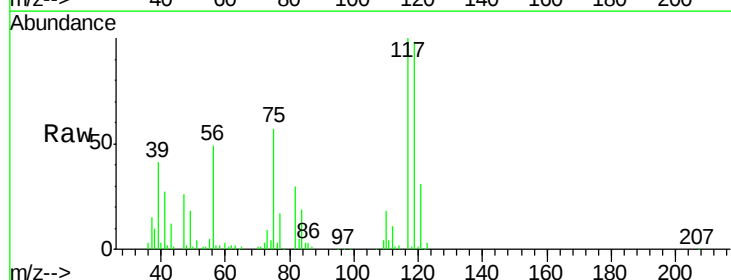
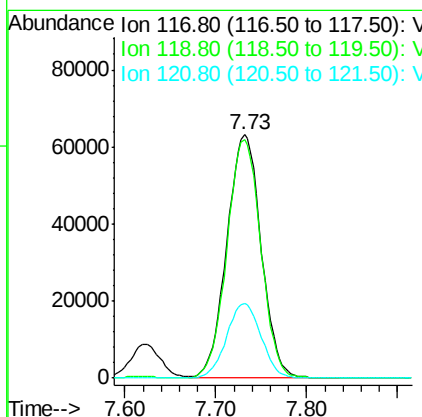
Manual Integrations
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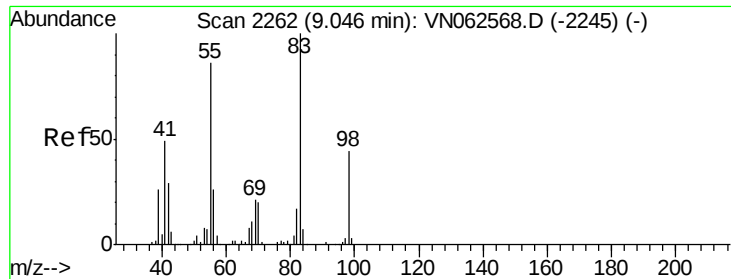
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#38
Carbon Tetrachloride
Concen: 53.157 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	74.8	112.2
121	30.8	23.0	34.6





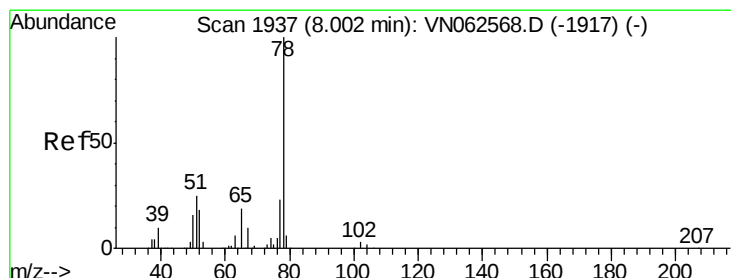
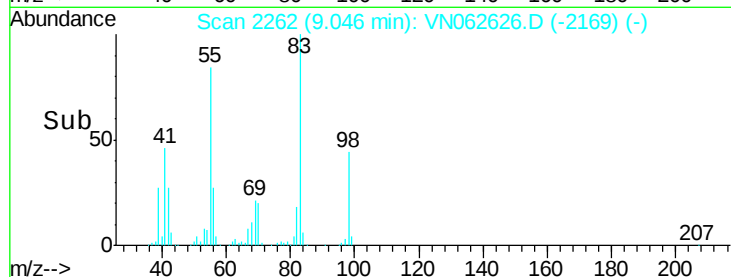
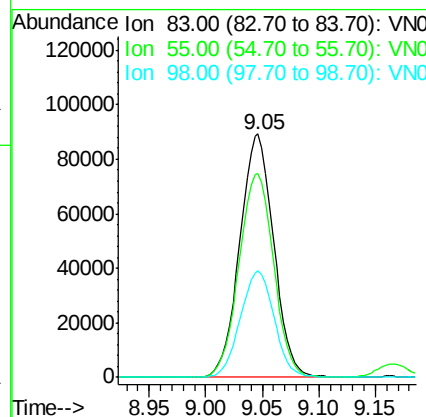
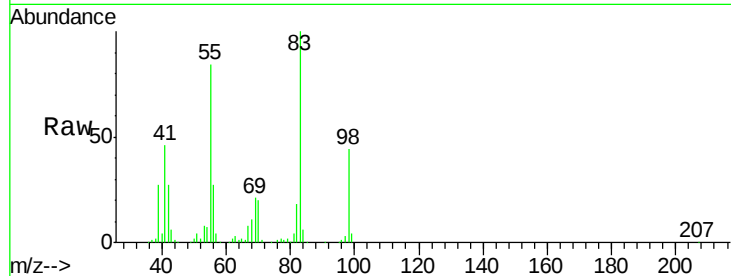
#39
Methylcyclohexane
Concen: 53.348 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.6	68.9	103.3
98	43.7	35.1	52.7

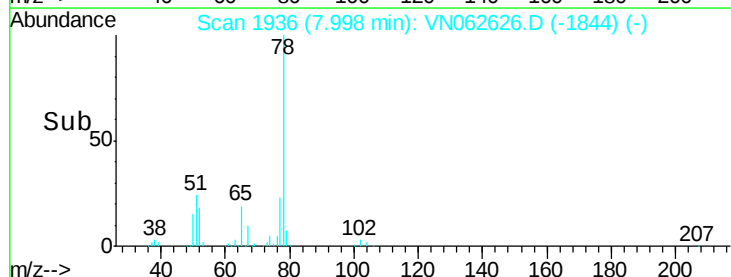
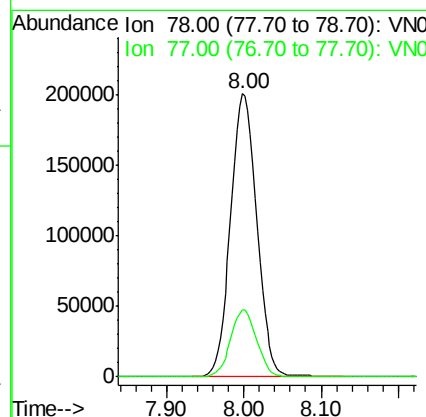
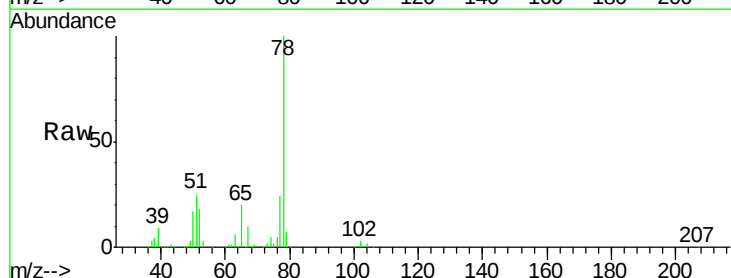
Manual Integrations
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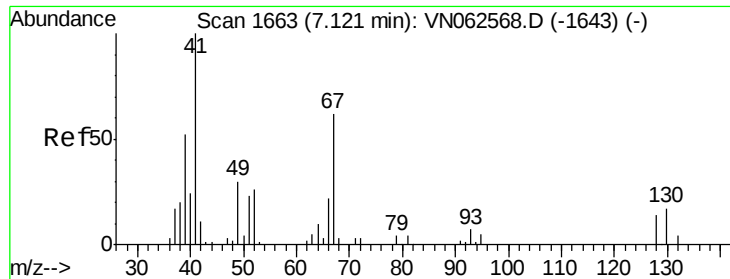
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#40
Benzene
Concen: 48.188 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





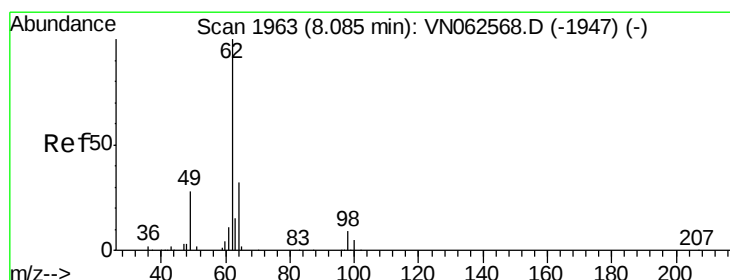
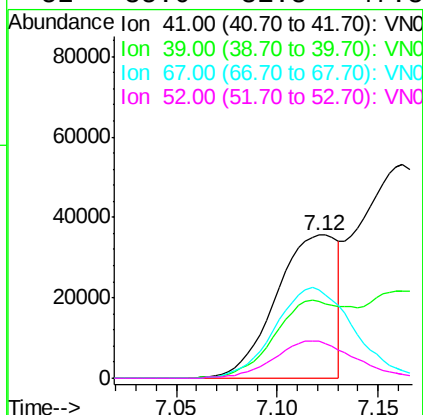
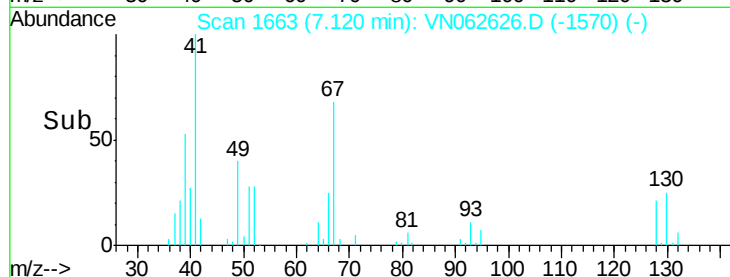
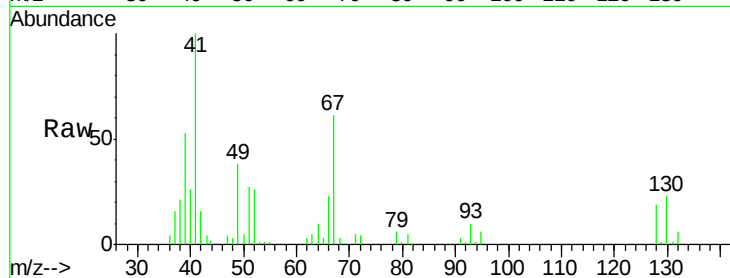
#41
Methacrylonitrile
Concen: 50.198 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.8	55.8	83.6
67	81.8	72.5	108.7
52	35.0	31.8	47.8

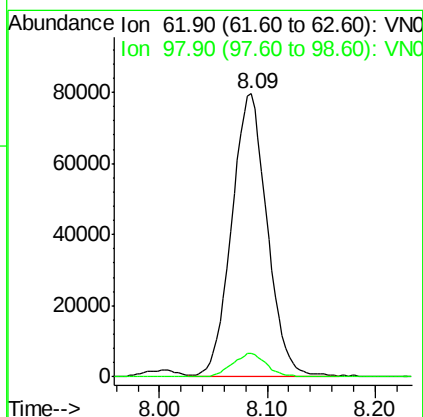
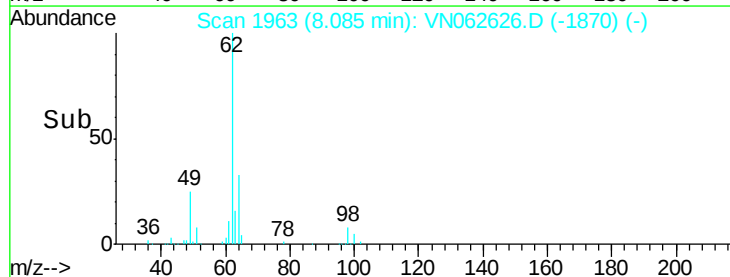
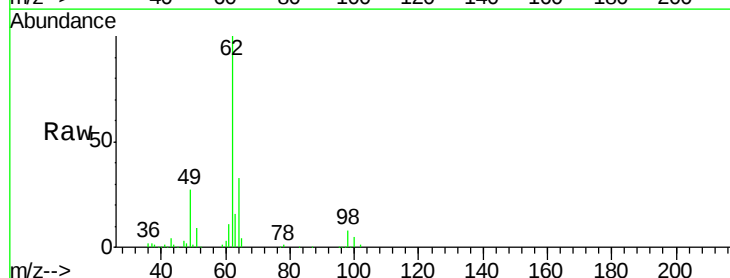
Manual Integrations
APPROVED

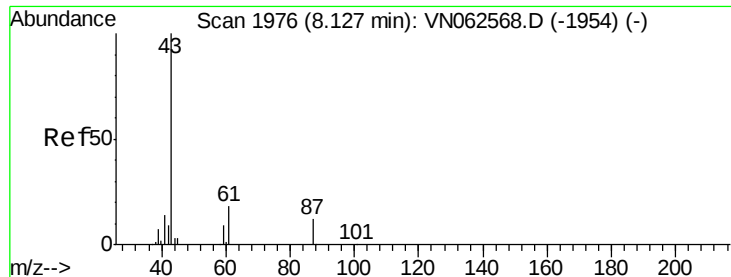
MMDadoda
7/29/2020 7:06:19 PM



#42
1,2-Dichloroethane
Concen: 50.528 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2





#43

Isopropyl Acetate

Concen: 48.969 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

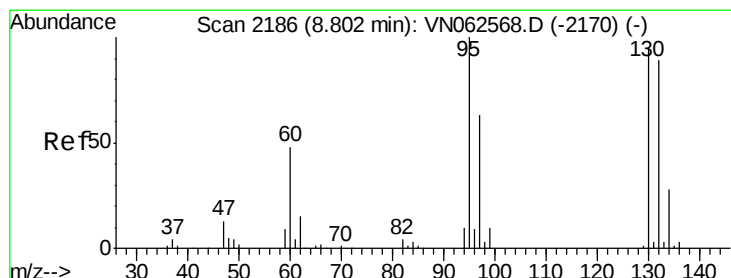
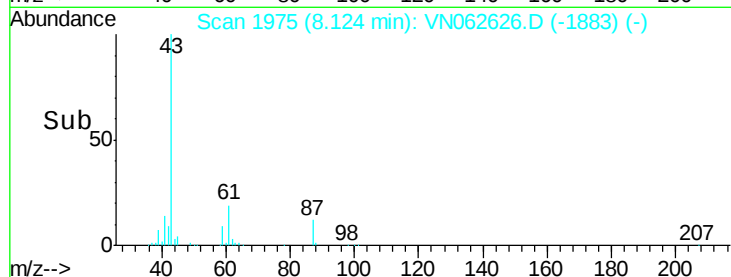
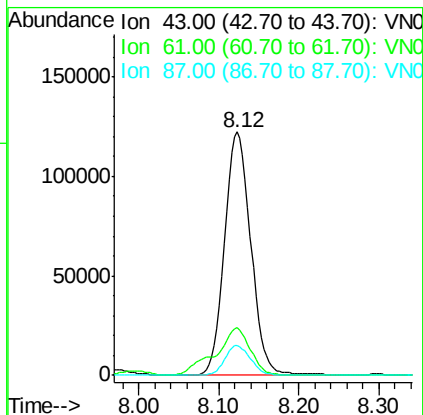
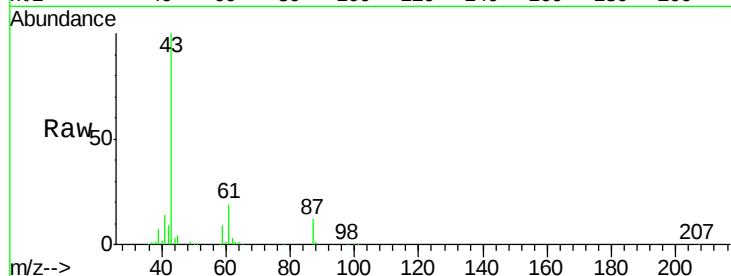
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	275757
Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.8	31.2
87	12.0	9.2	13.8

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#44

Trichloroethene

Concen: 49.847 ug/l

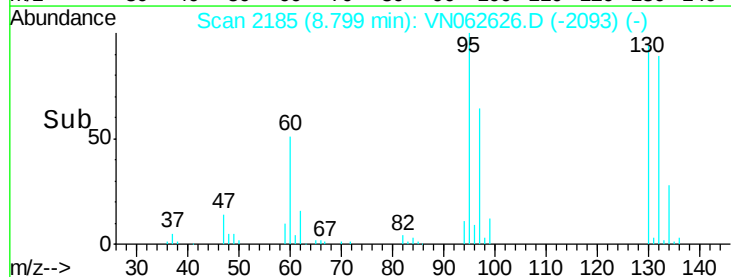
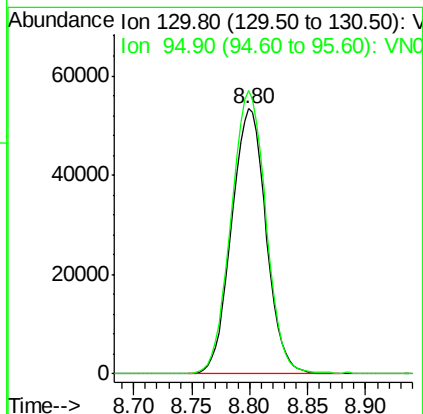
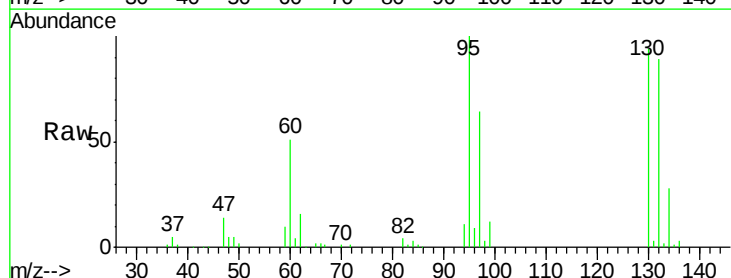
RT: 8.80 min Scan# 2185

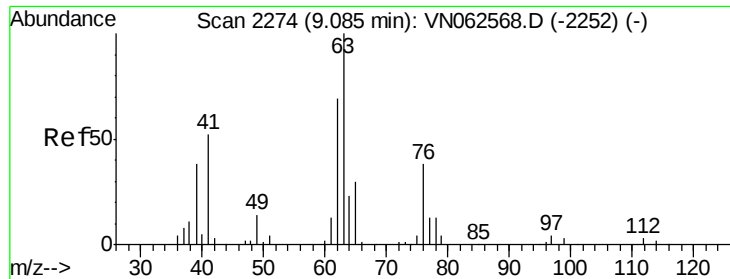
Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion:	130	Resp:	110285
Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	210.4





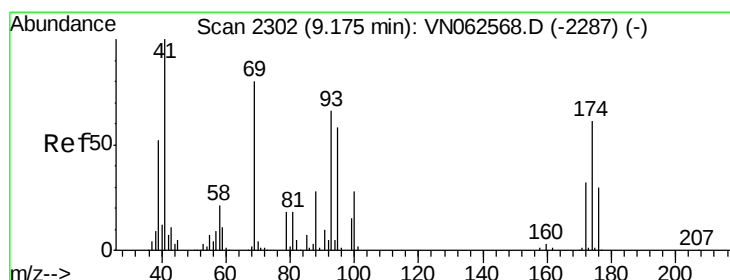
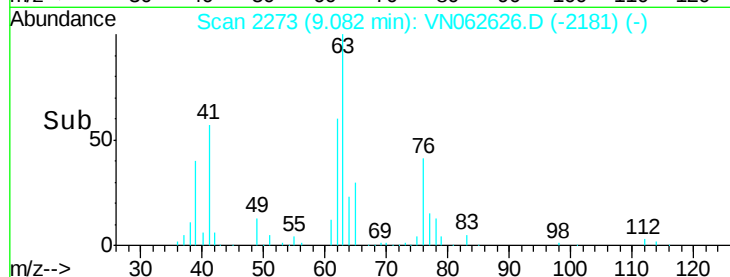
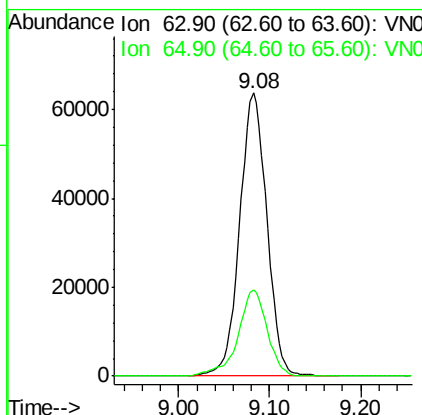
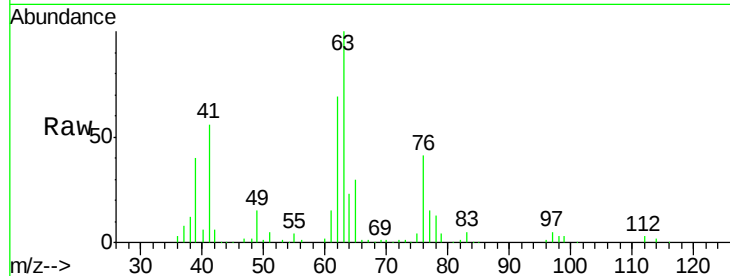
#45
 1,2-Dichloropropane
 Concen: 48.109 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 132519
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6

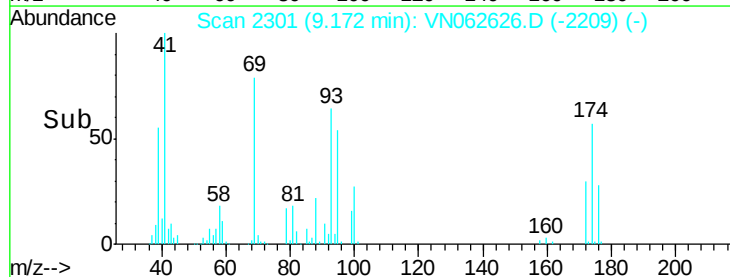
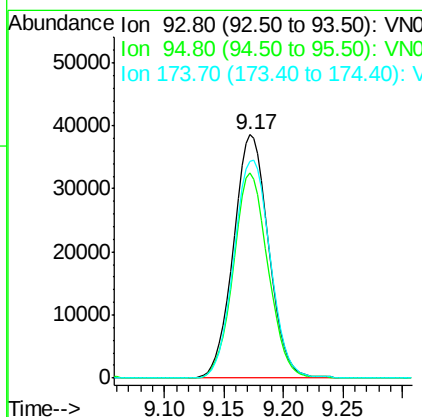
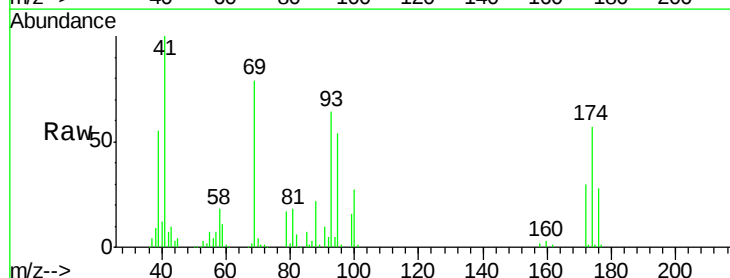
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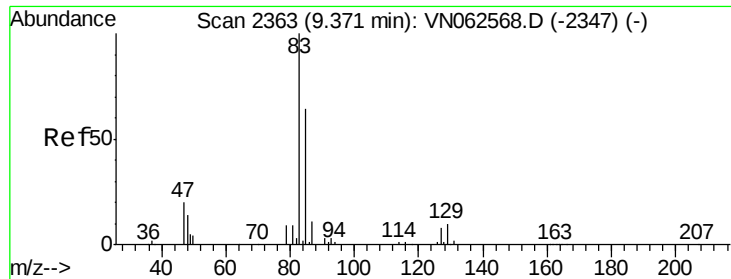
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#46
 Dibromomethane
 Concen: 49.755 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 93 Resp: 79214
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.6 101.4
 174 92.5 72.5 108.7





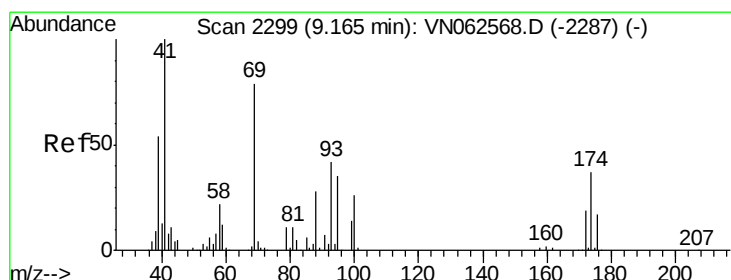
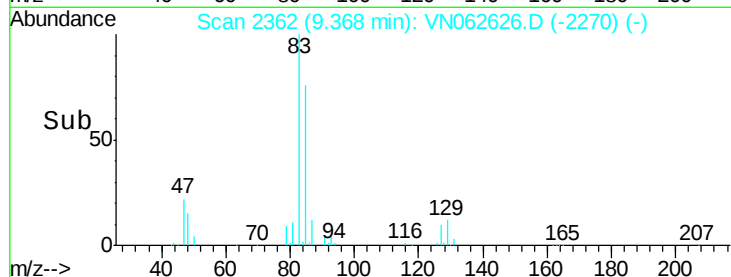
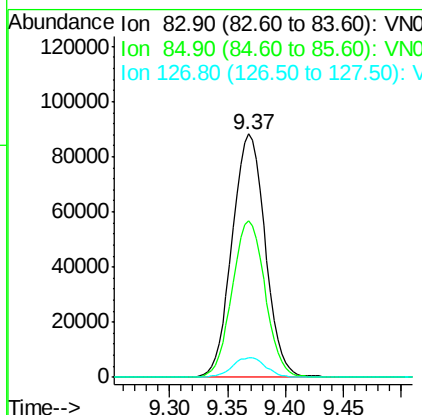
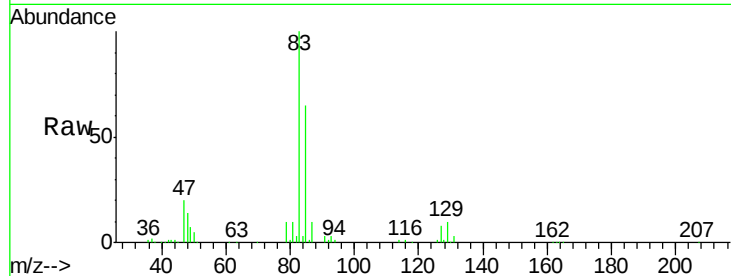
#47
Bromodichloromethane
Concen: 50.831 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4
127	8.1	6.2	9.2

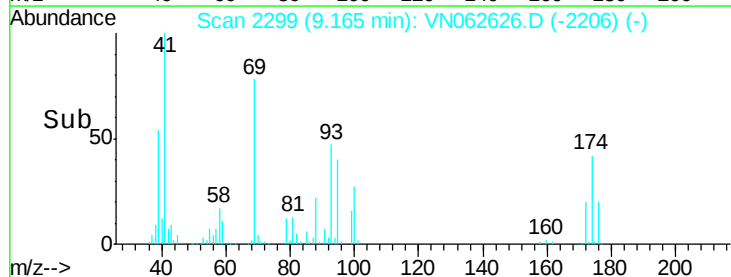
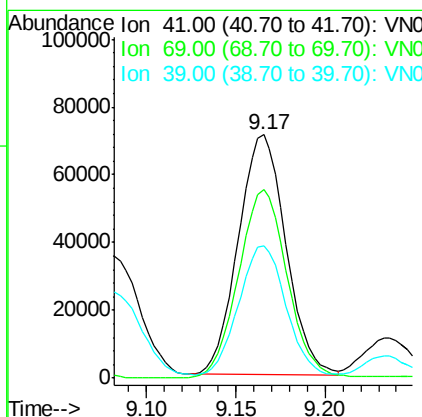
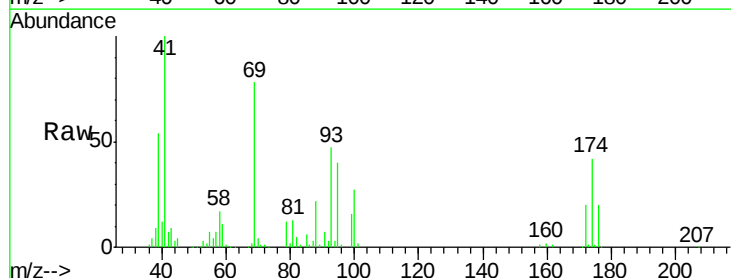
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#48
Methyl methacrylate
Concen: 49.362 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.4	64.4	96.6
39	53.0	43.5	65.3





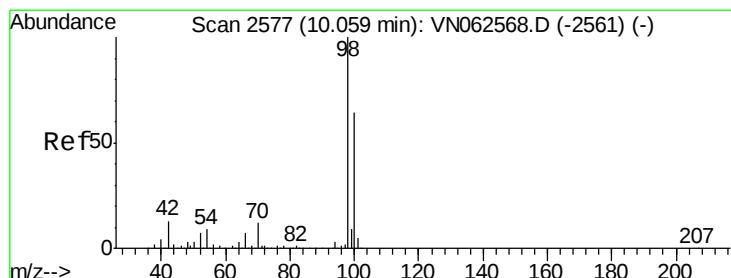
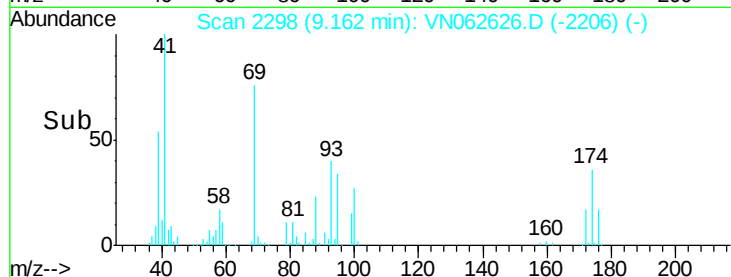
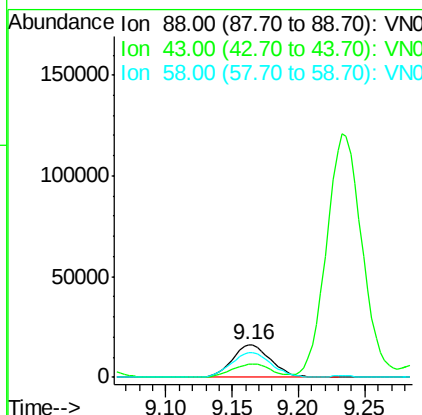
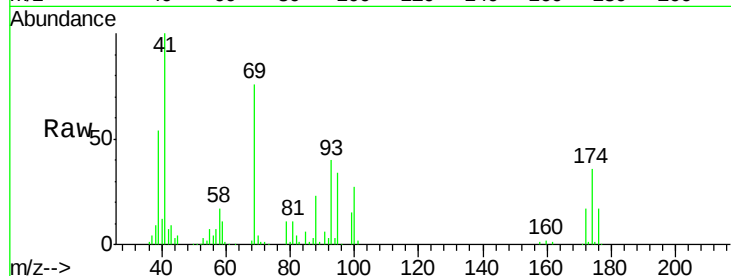
#49
1,4-Dioxane
Concen: 803.367 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	33030		
43	39.5	32.0	48.0	
58	78.8	62.8	94.2	

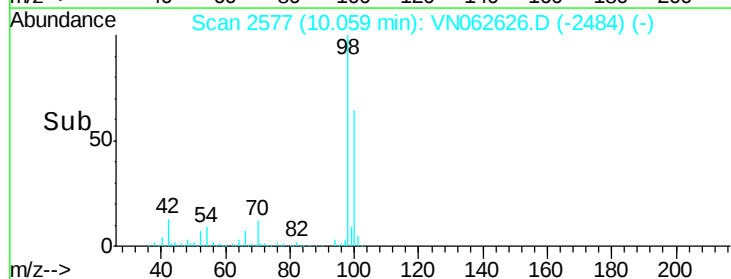
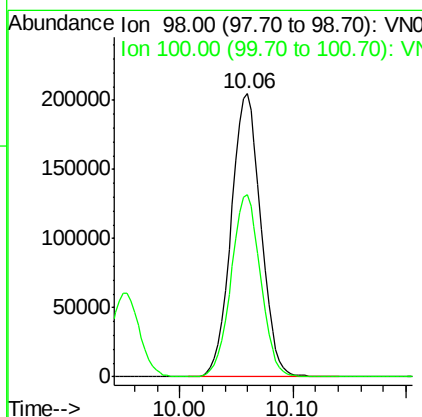
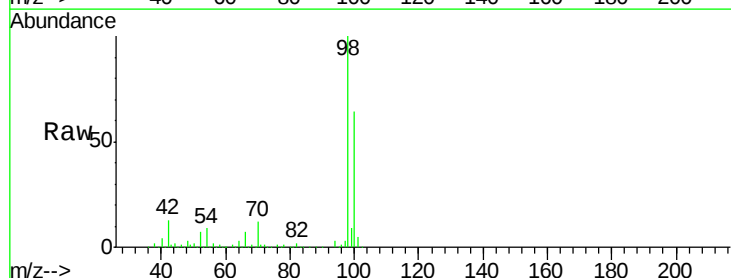
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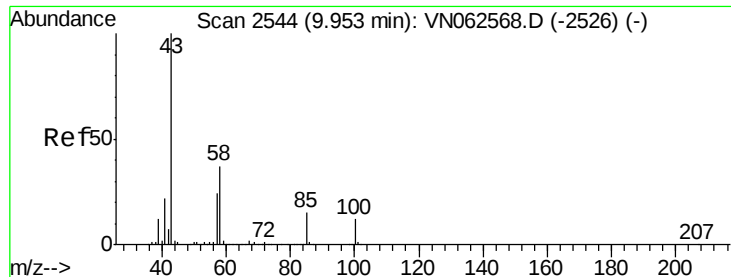
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#50
Toluene-d8
Concen: 46.968 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	374237		
100	63.8	50.9	76.3	





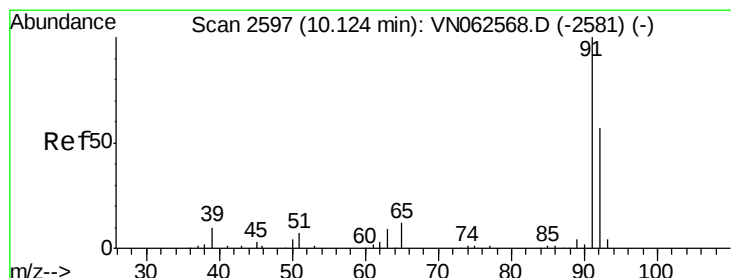
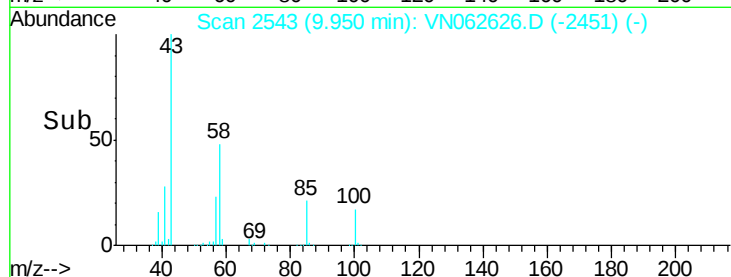
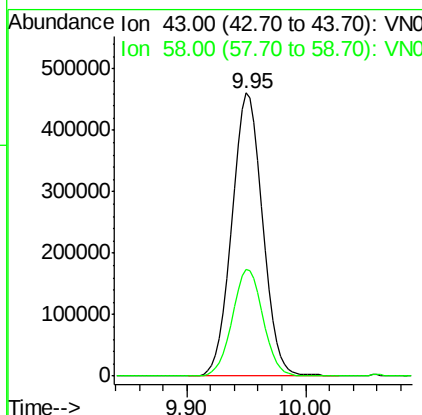
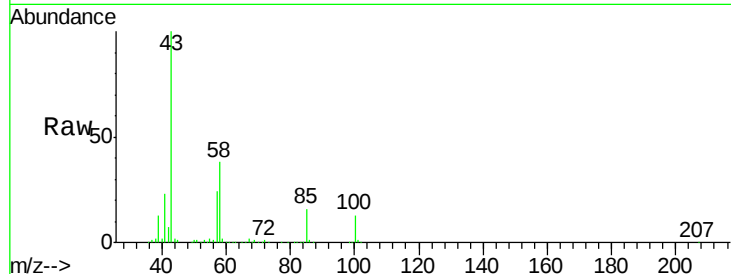
#51
4-Methyl-2-Pentanone
Concen: 244.663 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 824375
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.6

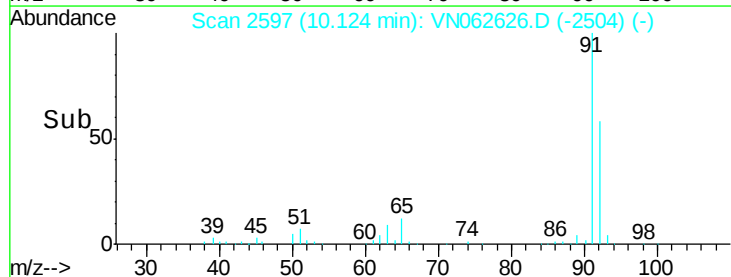
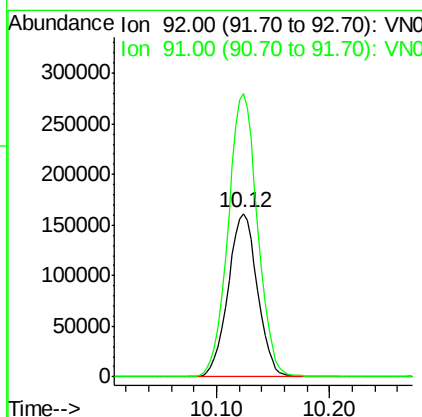
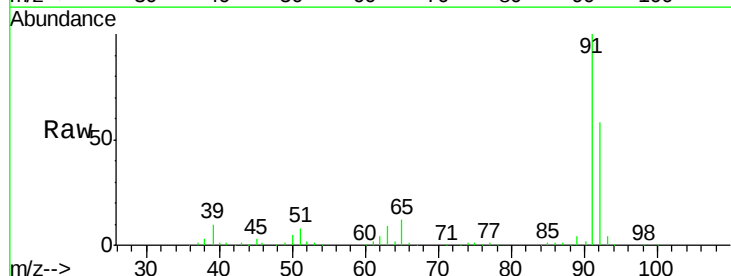
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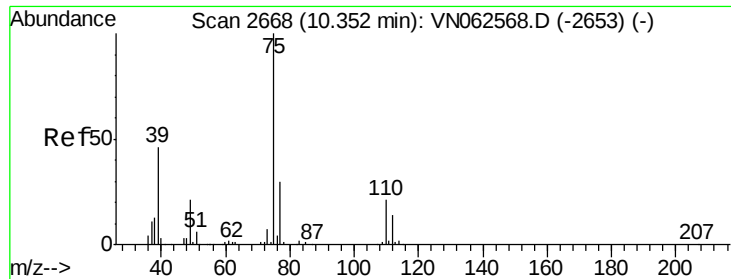
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#52
Toluene
Concen: 51.238 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 92 Resp: 291893
Ion Ratio Lower Upper
92 100
91 173.2 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 52.856 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 202950

Ion Ratio Lower Upper

75 100

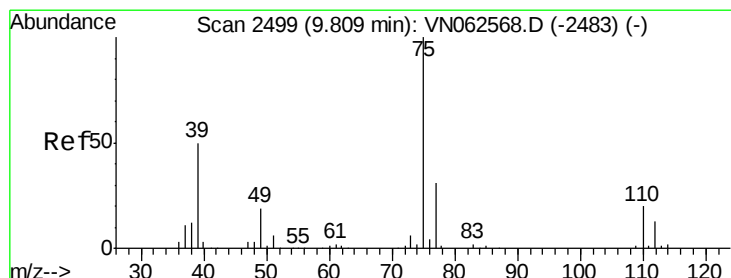
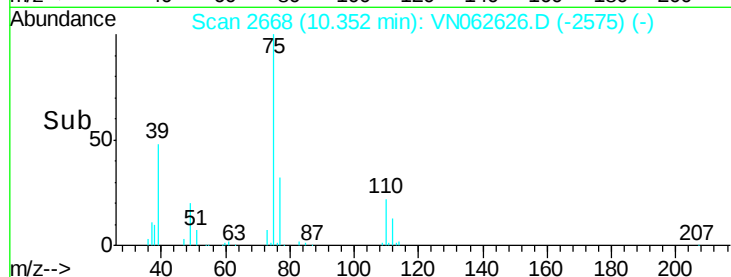
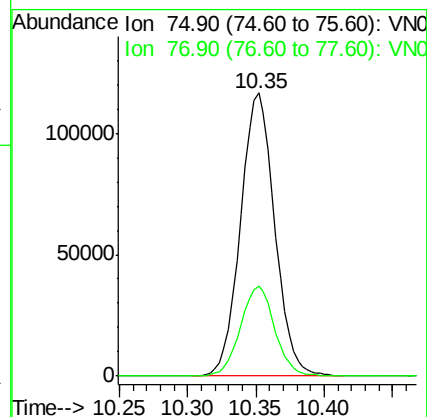
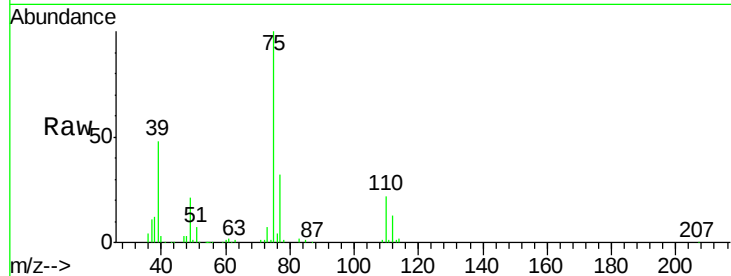
77 31.8 24.3 36.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.639 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

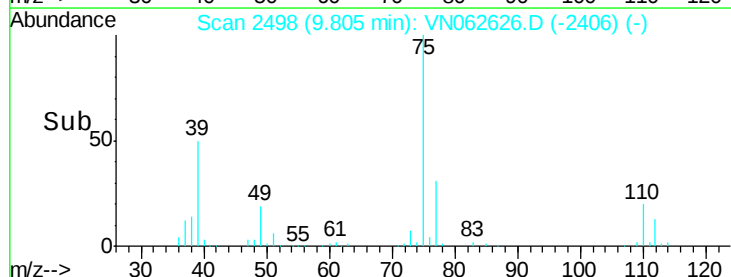
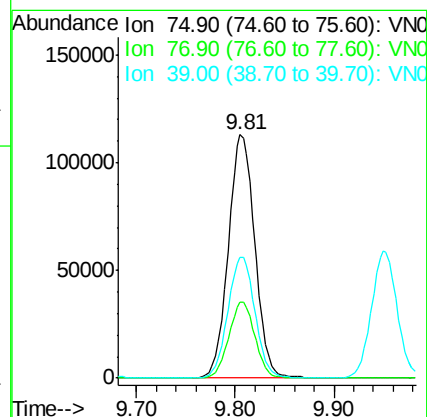
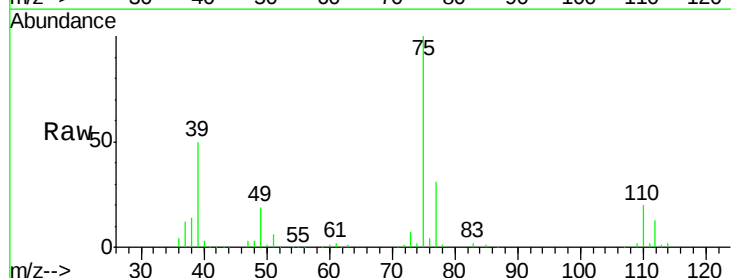
Tgt Ion: 75 Resp: 212757

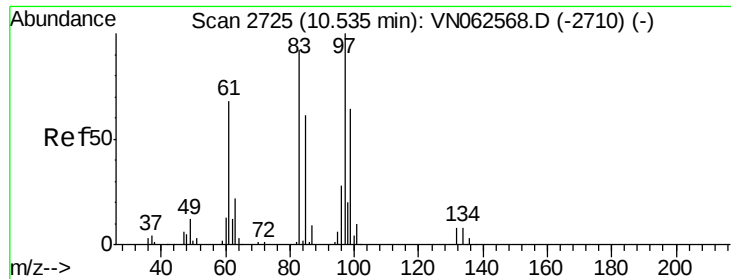
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 49.6 39.8 59.8





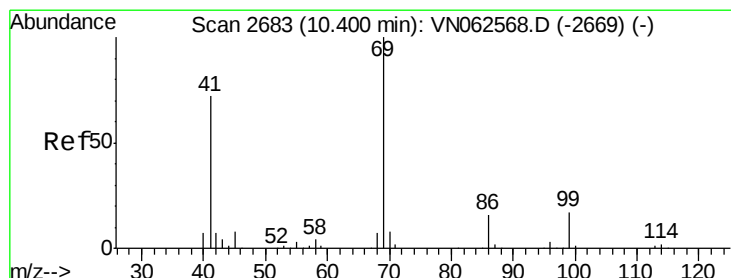
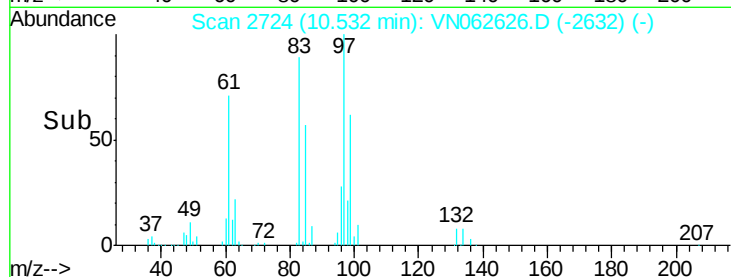
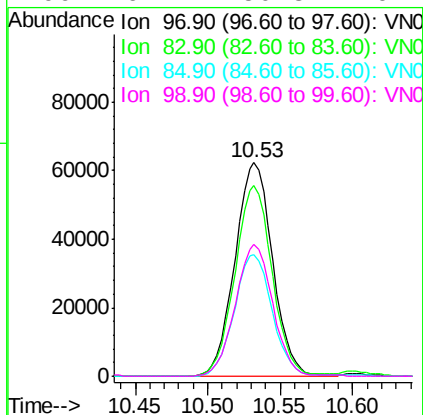
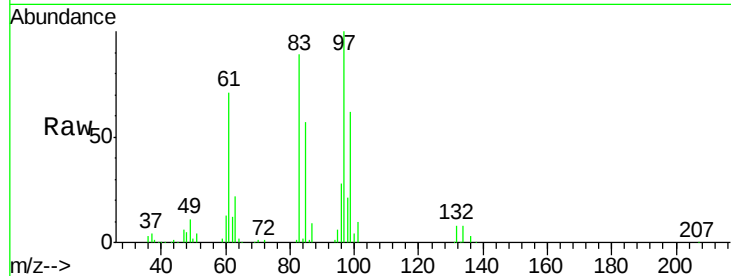
#55
 1,1,2-Trichloroethane
 Concen: 50.913 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	73.7	110.5
85	56.7	48.5	72.7
99	61.7	50.8	76.2

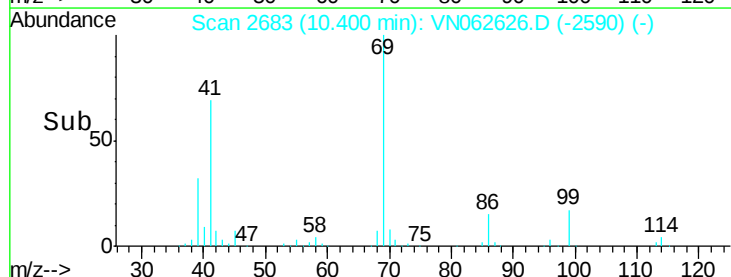
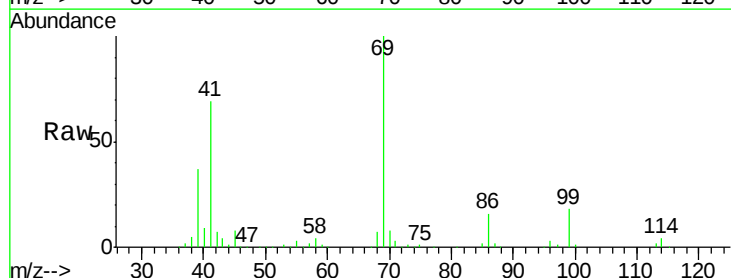
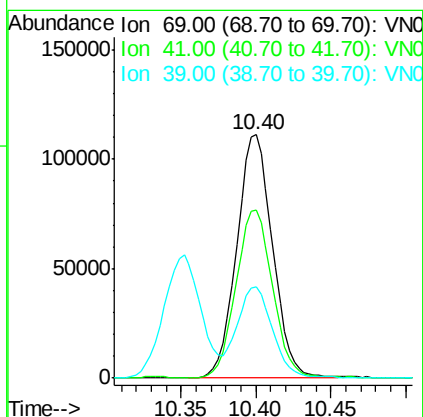
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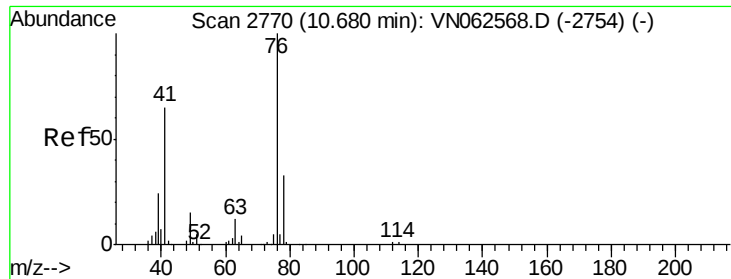
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#56
 Ethyl methacrylate
 Concen: 46.928 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	57.2	85.8
39	36.9	28.6	43.0





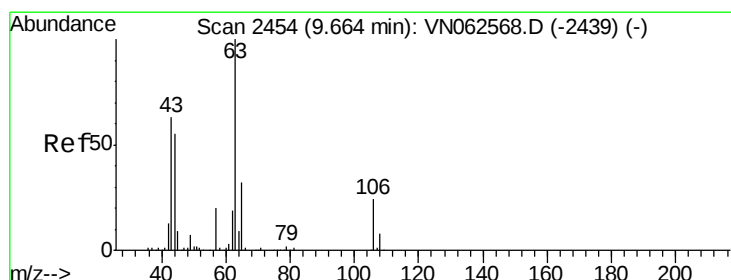
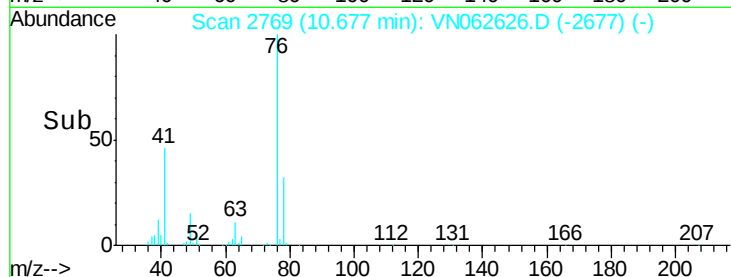
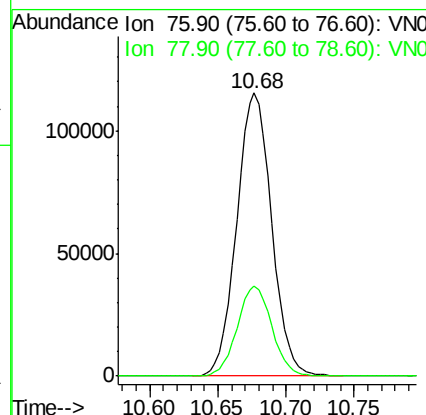
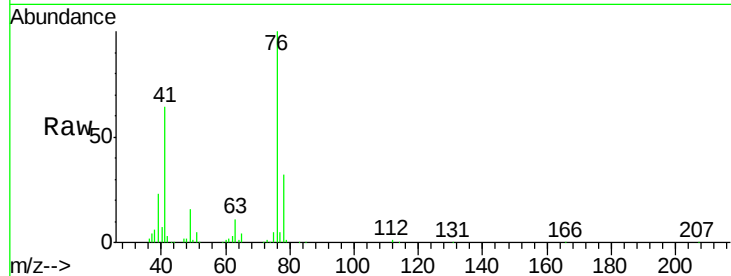
#57
 1,3-Dichloropropane
 Concen: 50.589 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 204800
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.3 39.5

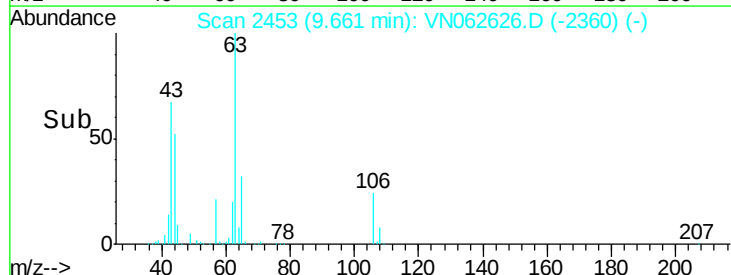
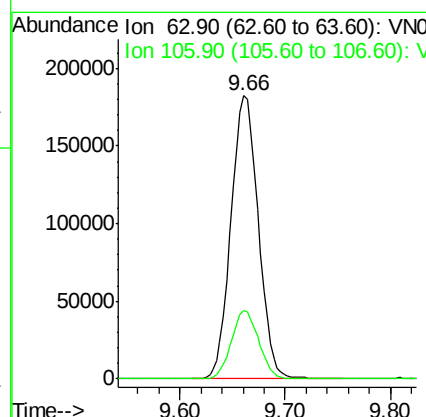
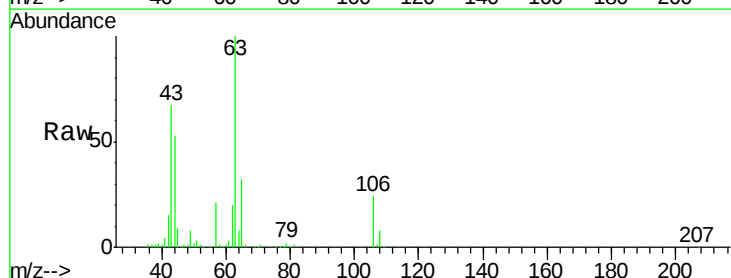
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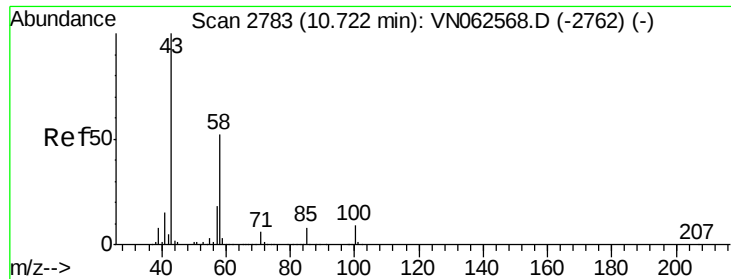
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#58
 2-Chloroethyl Vinyl ether
 Concen: 272.427 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion: 63 Resp: 327679
 Ion Ratio Lower Upper
 63 100
 106 24.1 18.9 28.3





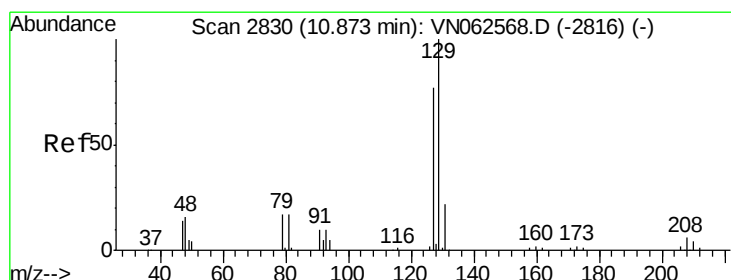
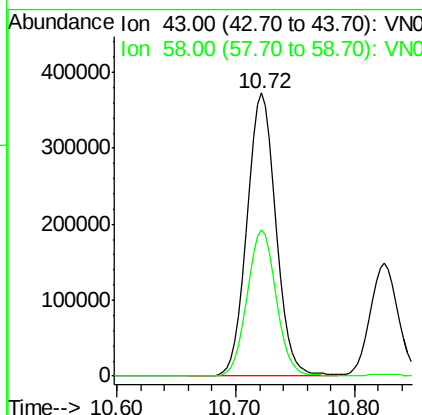
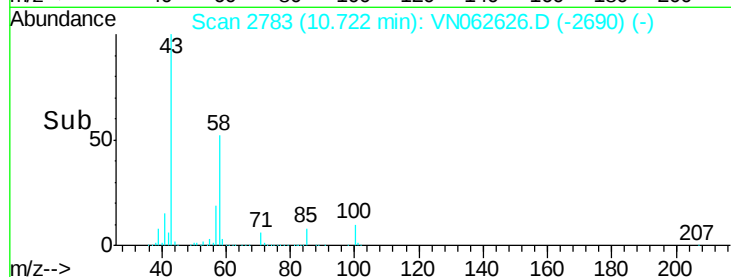
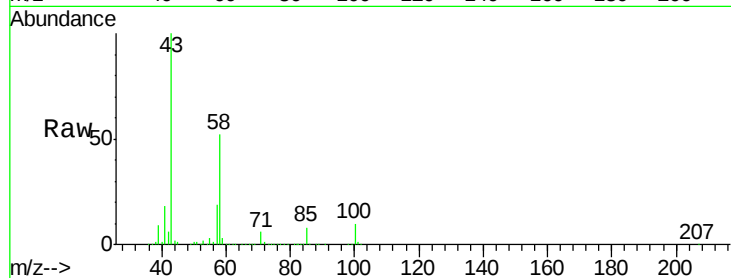
#59
2-Hexanone
Concen: 240.877 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 627394
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0

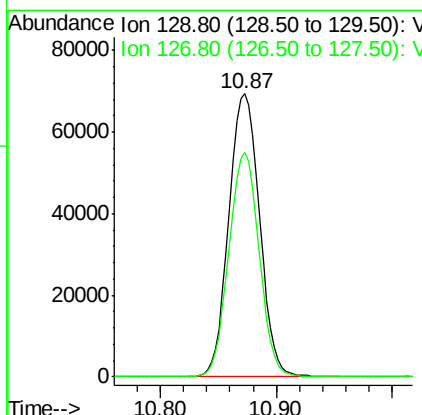
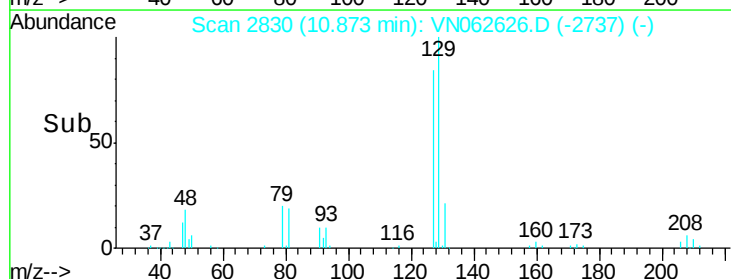
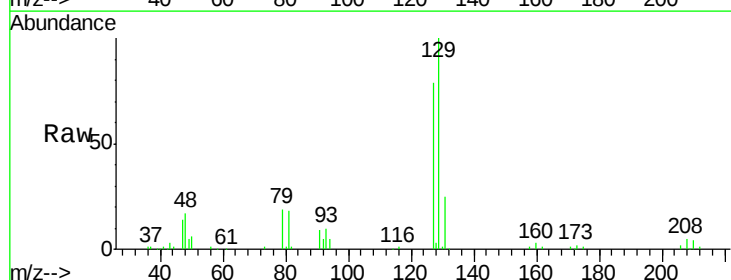
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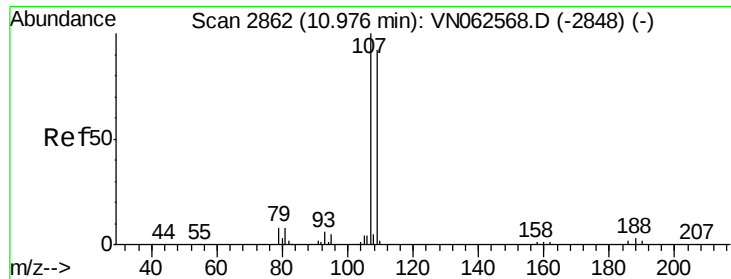
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#60
Dibromochloromethane
Concen: 51.646 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 129 Resp: 127315
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9





#61

1,2-Dibromoethane

Concen: 49.247 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 113318

Ion Ratio Lower Upper

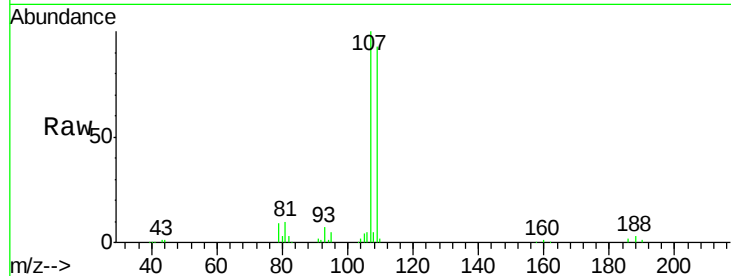
107 100

109 93.8 73.8 110.6

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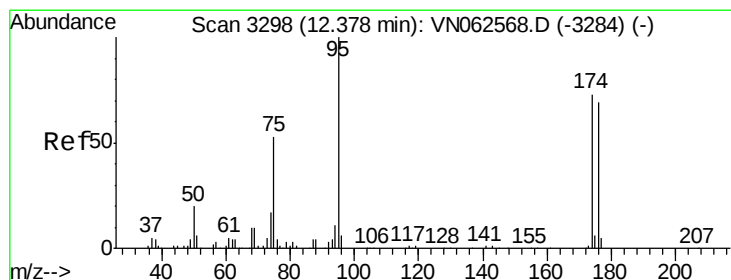
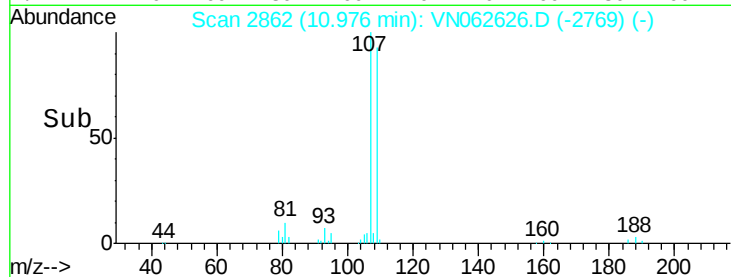
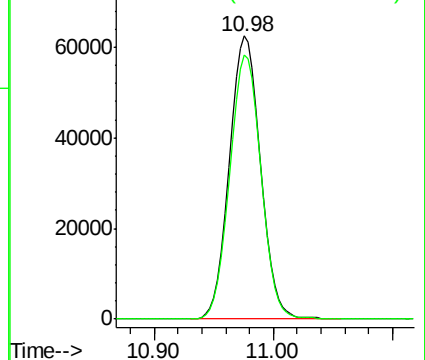
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.766 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

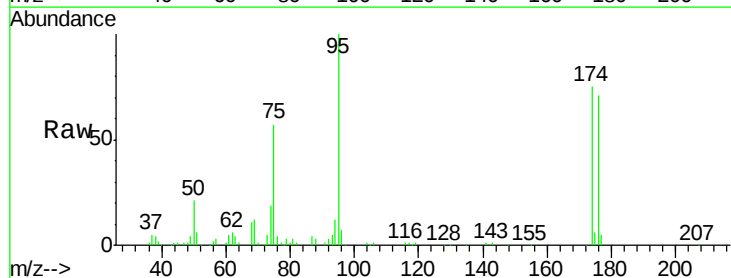
Tgt Ion: 95 Resp: 130423

Ion Ratio Lower Upper

95 100

174 73.8 0.0 144.6

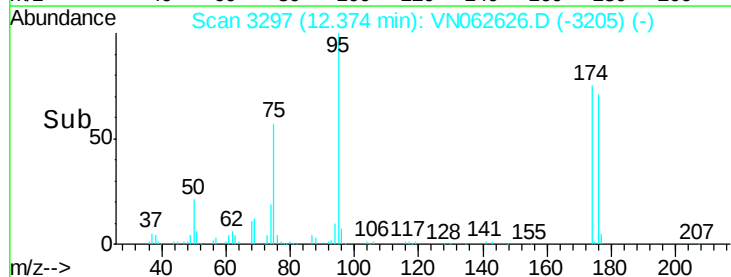
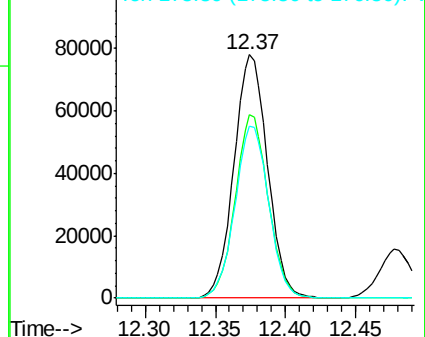
176 71.0 0.0 139.4

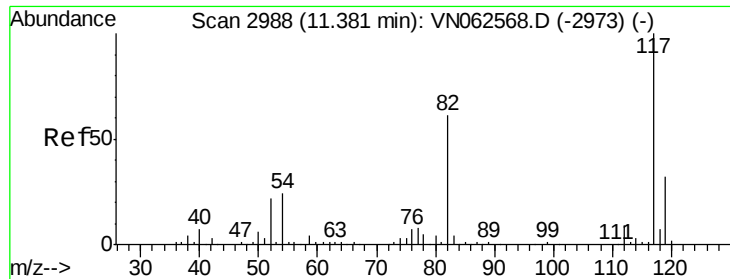


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

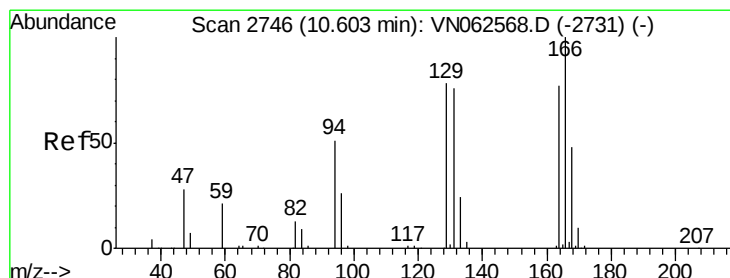
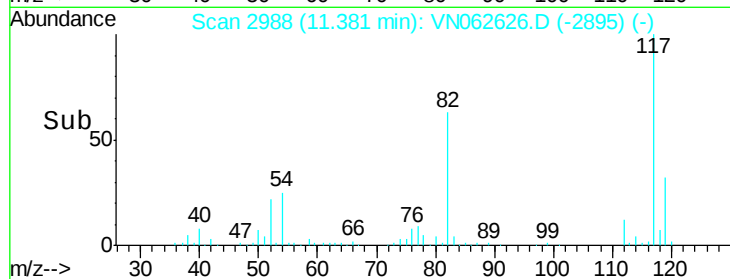
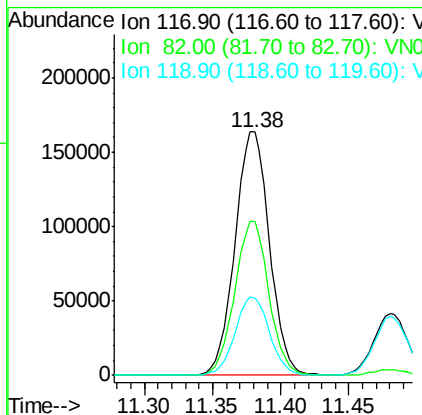
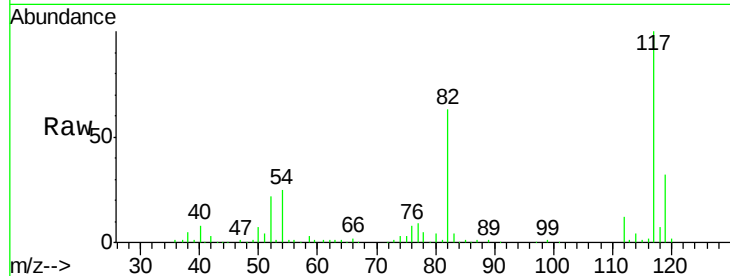
ClientSampleId :

VSTDCCC050

Tgt Ion:	117	Resp:	287397
Ion Ratio	Lower	Upper	
117	100		
82	63.1	49.0	73.6
119	32.0	25.4	38.2

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#64

Tetrachloroethene

Concen: 50.842 ug/l

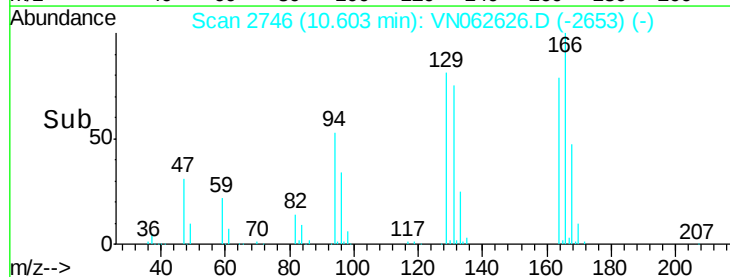
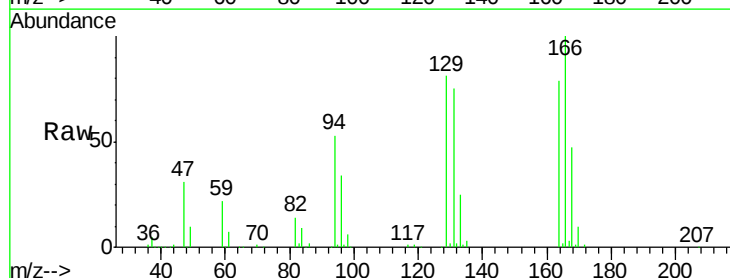
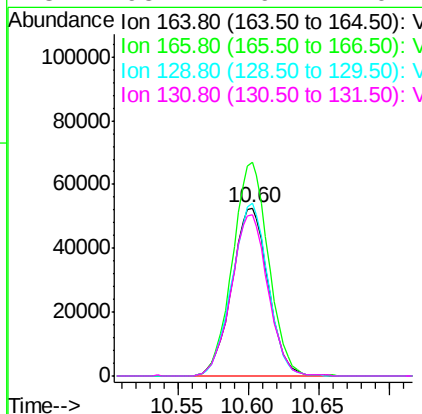
RT: 10.60 min Scan# 2746

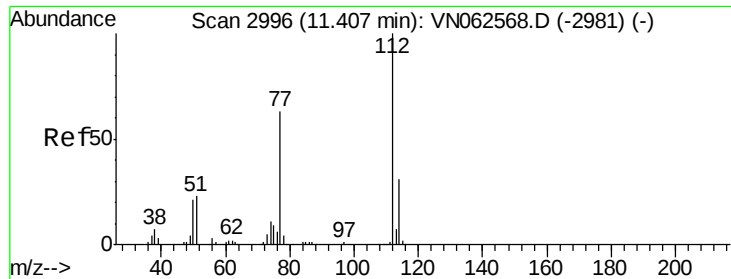
Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion:	164	Resp:	94937
Ion Ratio	Lower	Upper	
164	100		
166	127.3	104.4	156.6
129	102.7	81.0	121.4
131	95.7	79.4	119.2





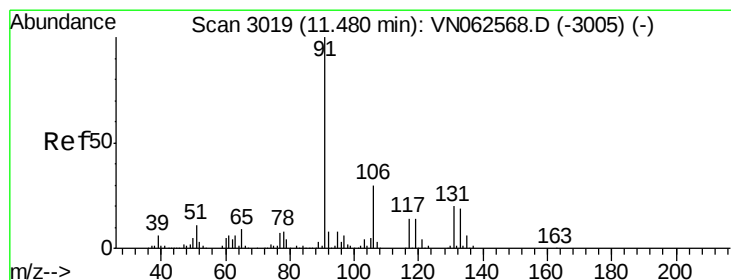
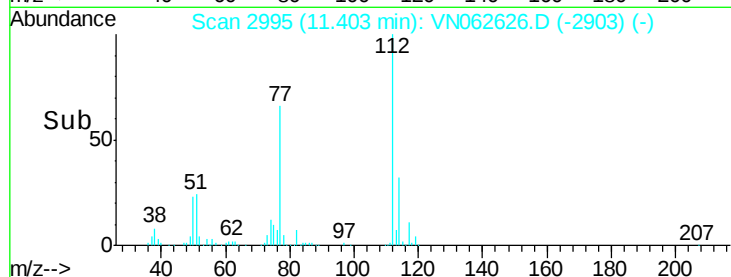
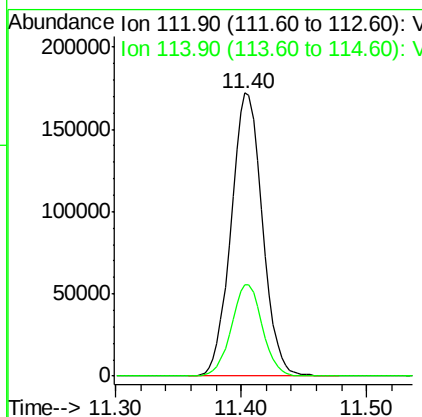
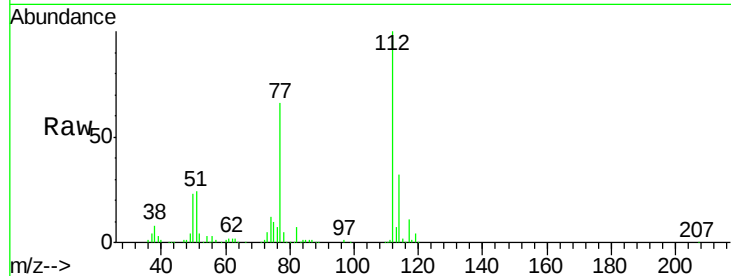
#65
Chlorobenzene
Concen: 49.603 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 298864
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7

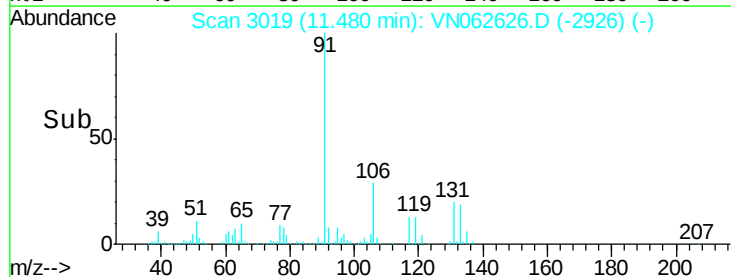
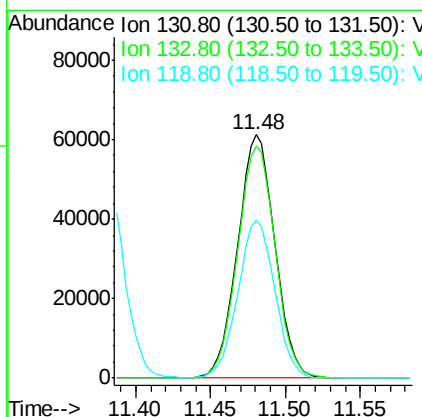
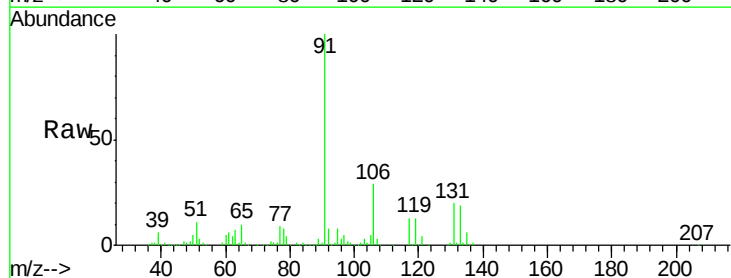
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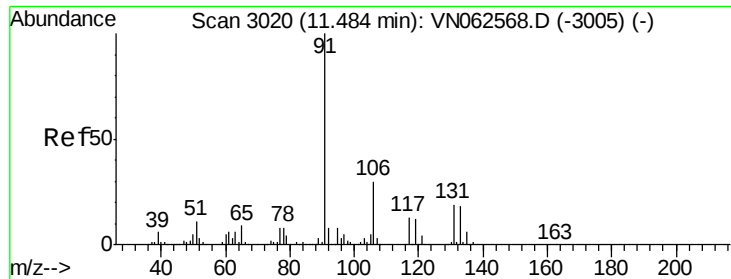
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.843 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion:131 Resp: 106175
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 64.3 33.7 101.0





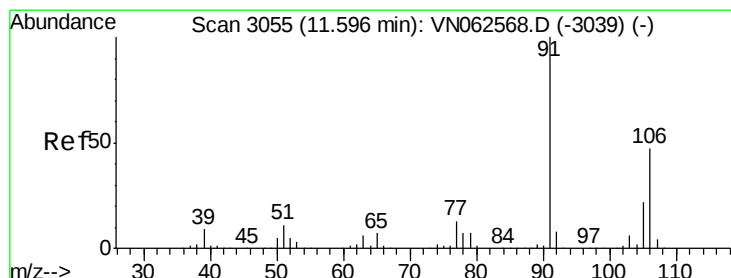
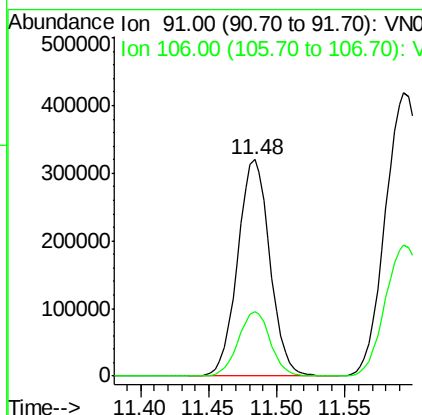
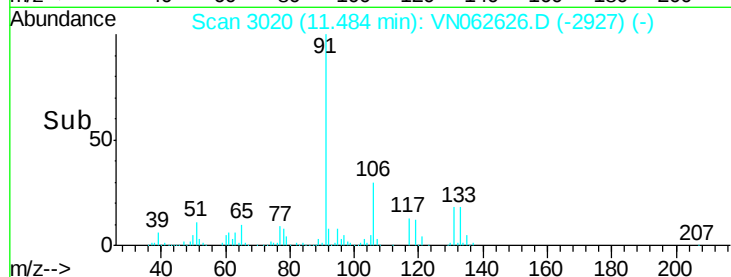
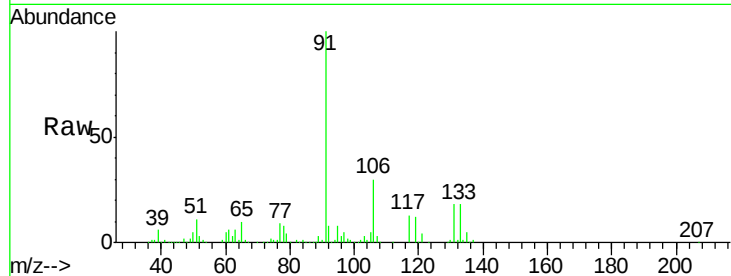
#67
Ethyl Benzene
Concen: 47.584 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 525662
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8

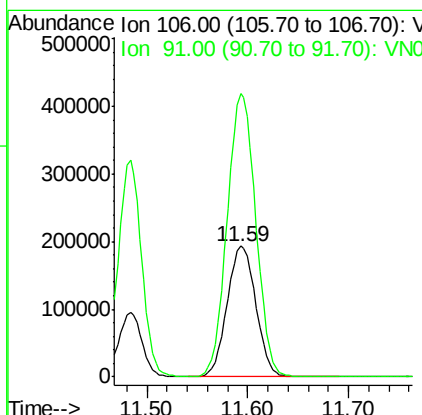
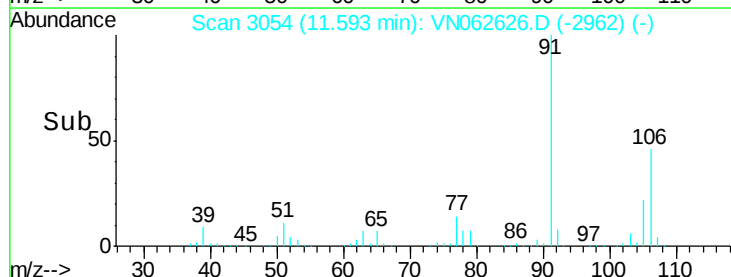
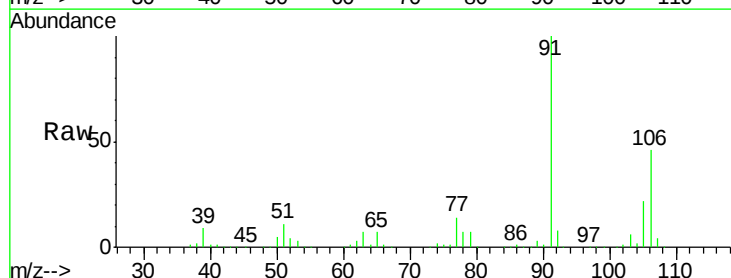
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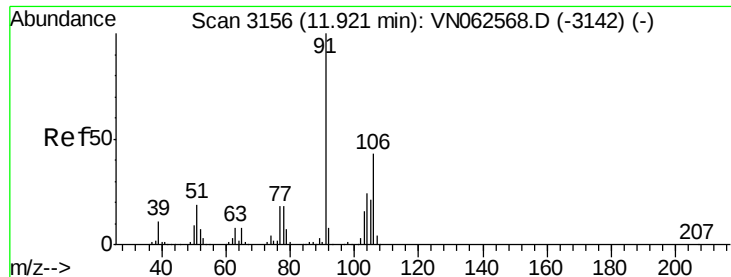
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#68
m/p-Xylenes
Concen: 96.634 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion: 106 Resp: 383699
Ion Ratio Lower Upper
106 100
91 215.3 171.4 257.2





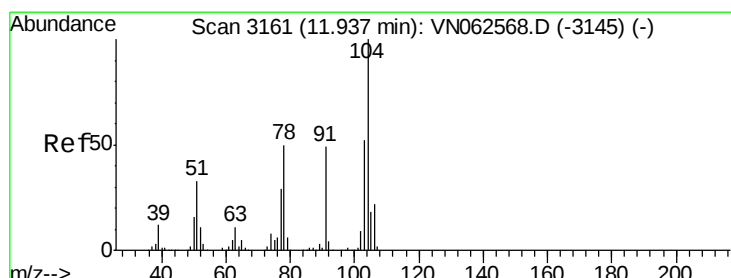
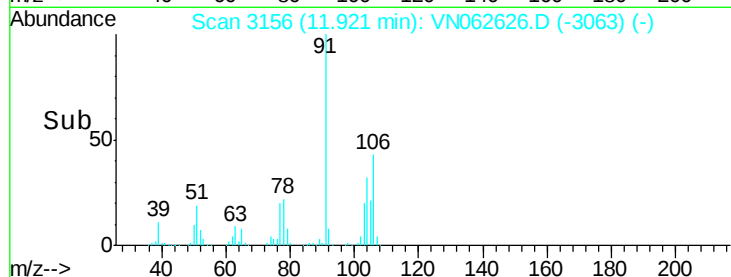
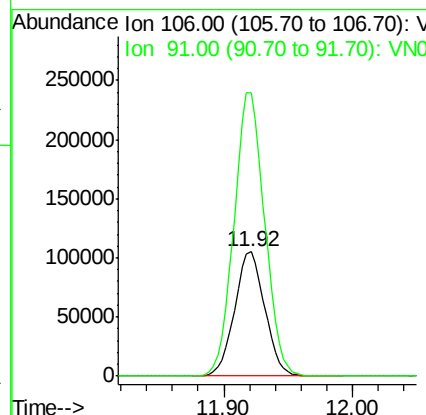
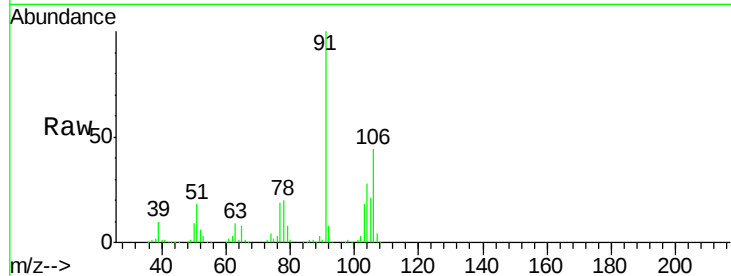
#69
o-Xylene
Concen: 45.396 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 171165
Ion Ratio Lower Upper
106 100
91 231.4 113.8 341.2

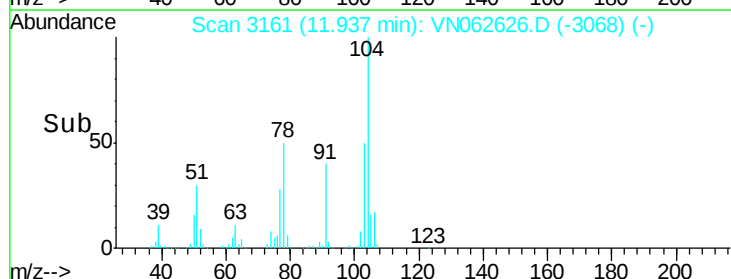
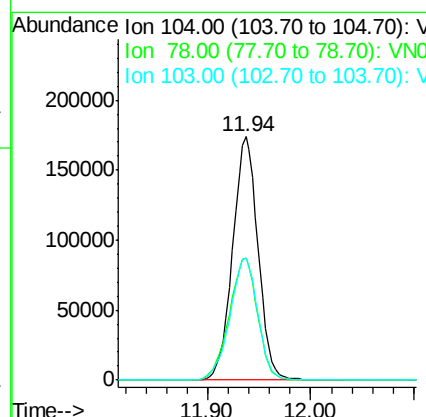
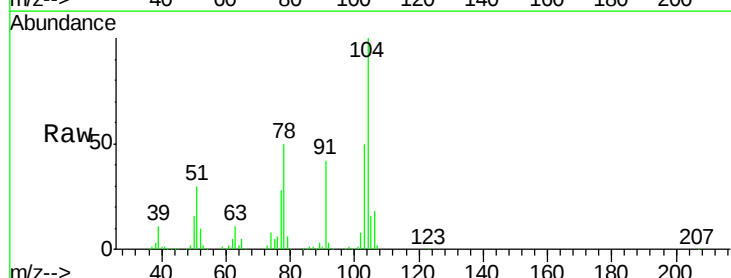
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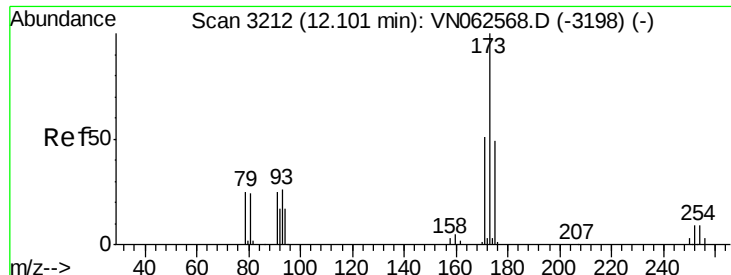
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#70
Styrene
Concen: 46.908 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion:104 Resp: 298770
Ion Ratio Lower Upper
104 100
78 55.8 43.8 65.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 45.180 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 76889

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

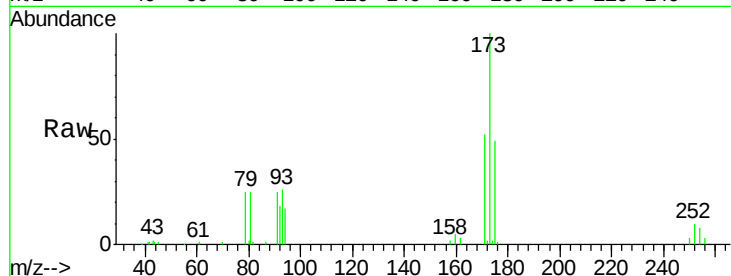
254 0.0 0.0 0.0

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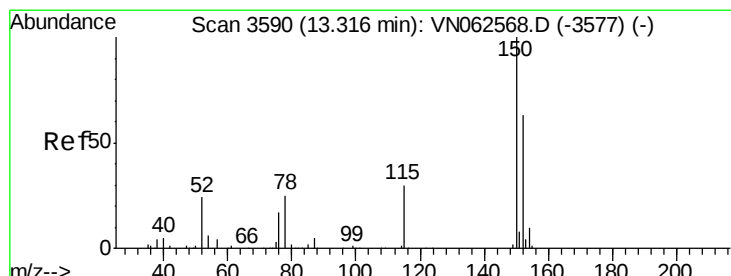
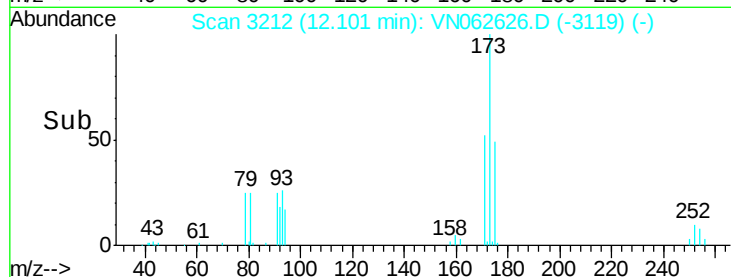
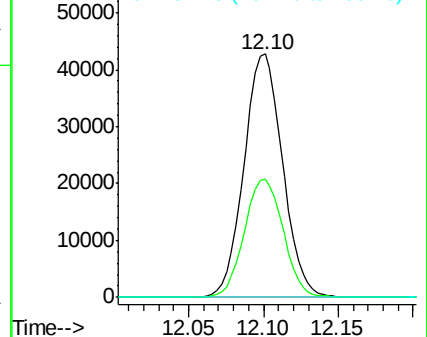
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

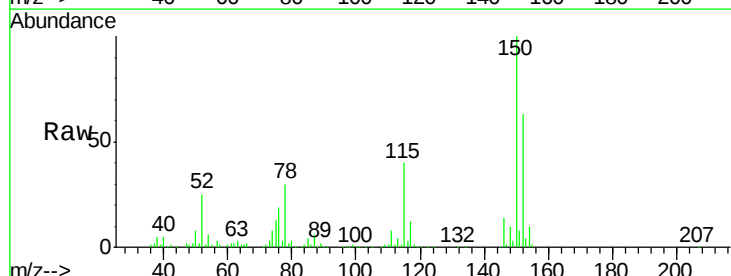
Tgt Ion:152 Resp: 121316

Ion Ratio Lower Upper

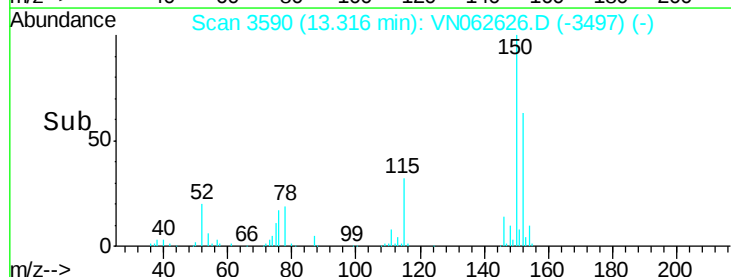
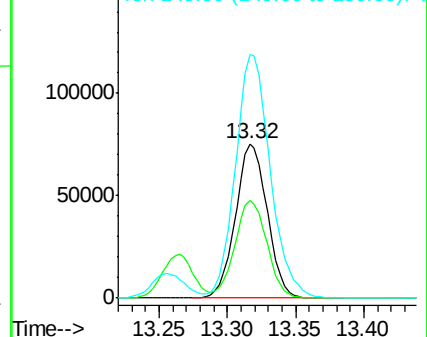
152 100

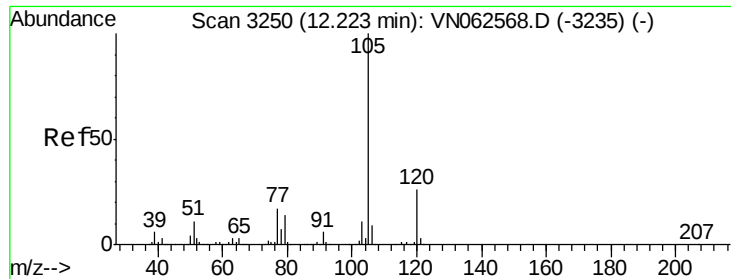
115 64.3 31.8 95.4

150 173.6 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: 49.701 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 476760

Ion Ratio Lower Upper

105 100

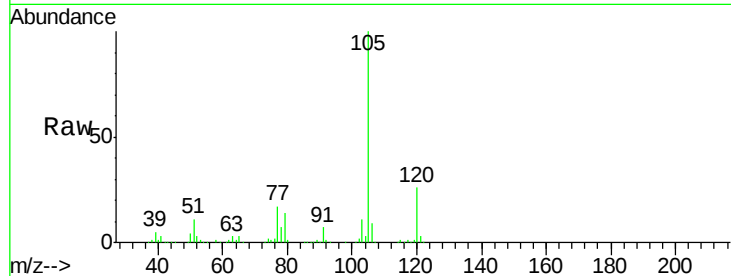
120 25.7 12.8 38.4

Manual Integrations

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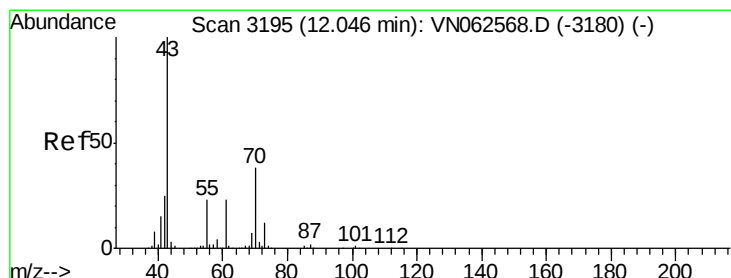
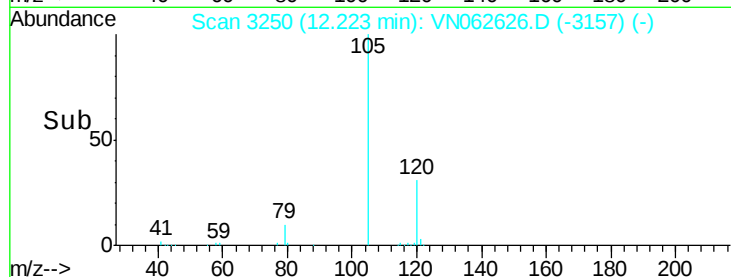
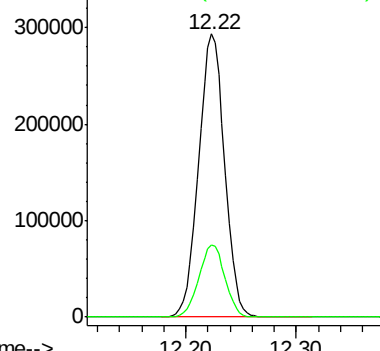
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.468 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion: 43 Resp: 216201

Ion Ratio Lower Upper

43 100

70 39.0 30.5 45.7

55 24.6 19.0 28.6

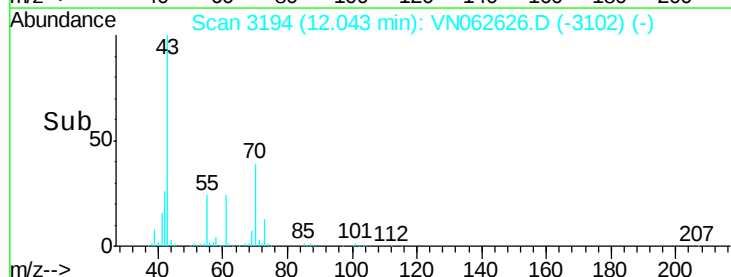
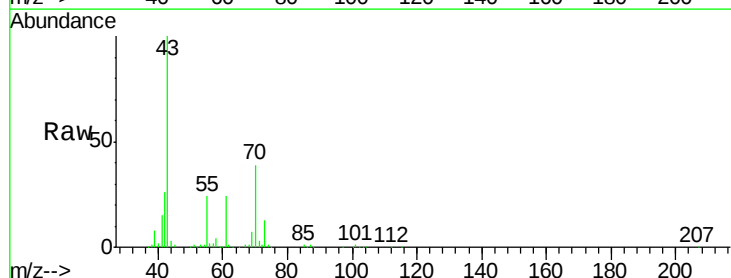
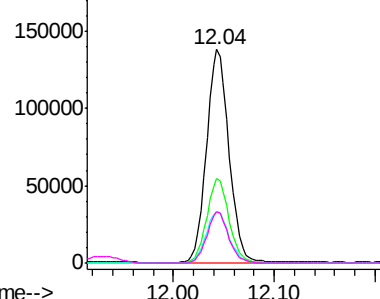
61 22.9 18.4 27.6

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 44.059 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

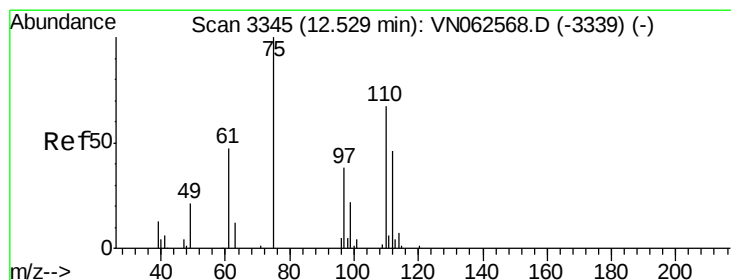
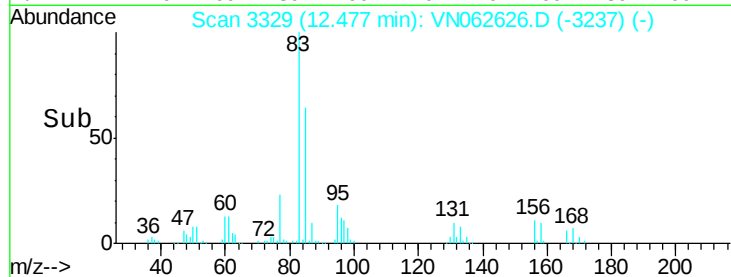
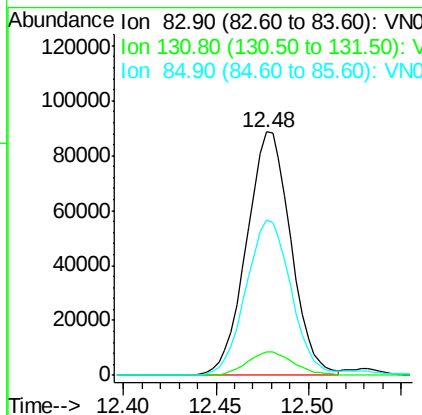
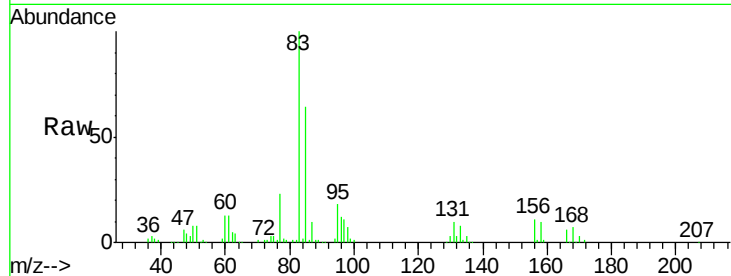
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	146868
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.3
85	65.2	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.527 ug/l m

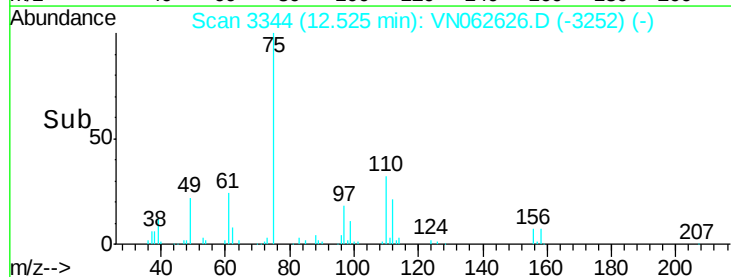
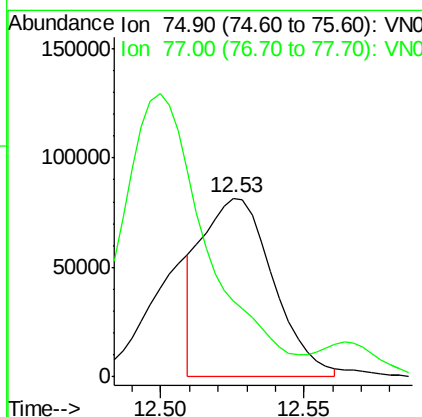
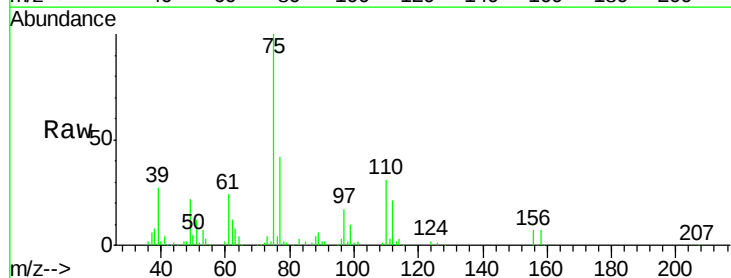
RT: 12.53 min Scan# 3344

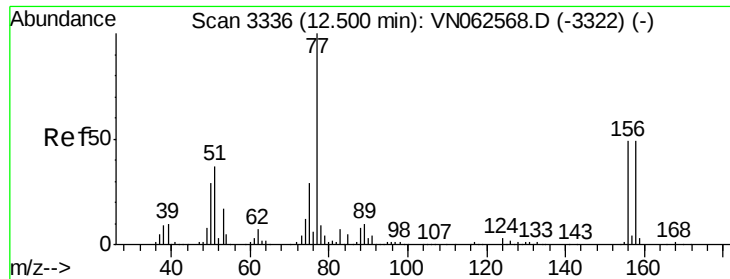
Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion:	75	Resp:	140583
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.555 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

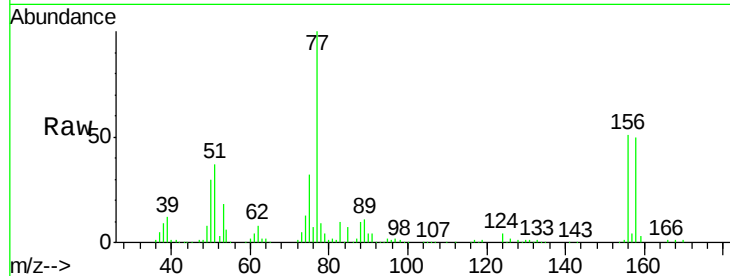
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	233.7	122.8	368.3
158	97.3	49.4	148.0

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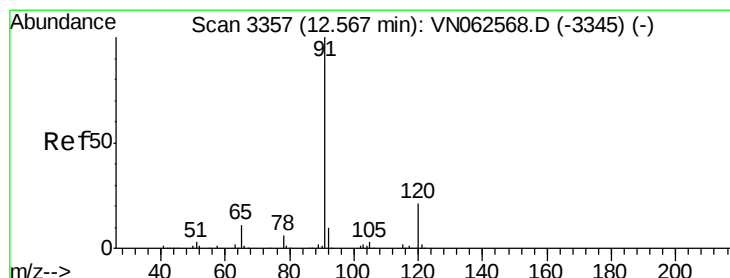
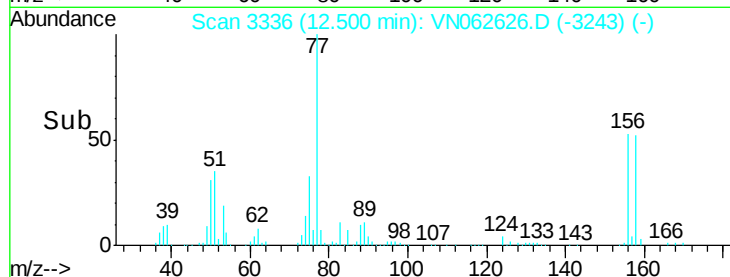
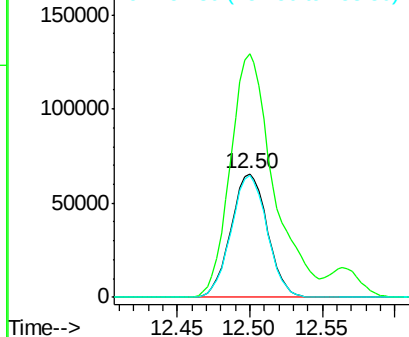
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.557 ug/l

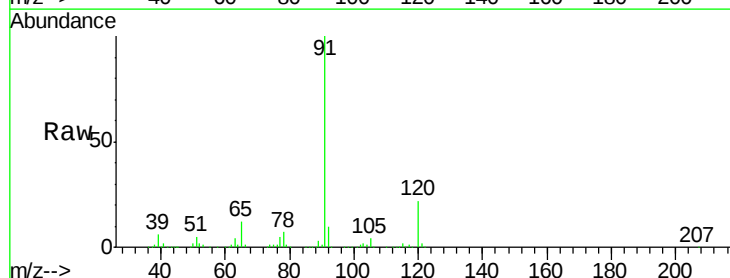
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062626.D

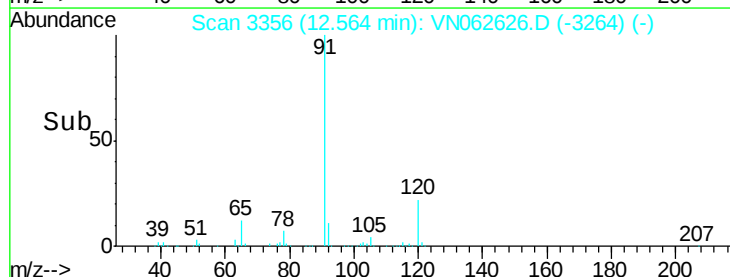
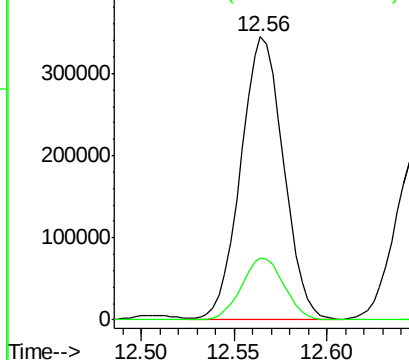
Acq: 28 Jul 2020 10:38

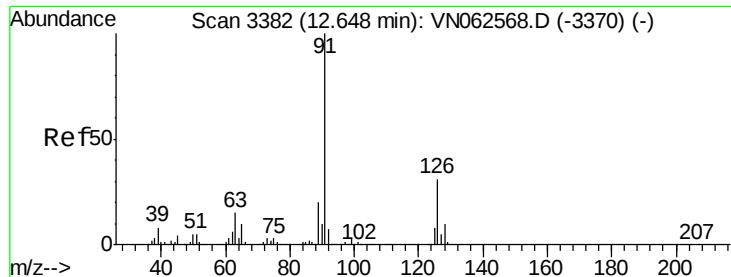
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.361 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 341811

Ion Ratio Lower Upper

91 100

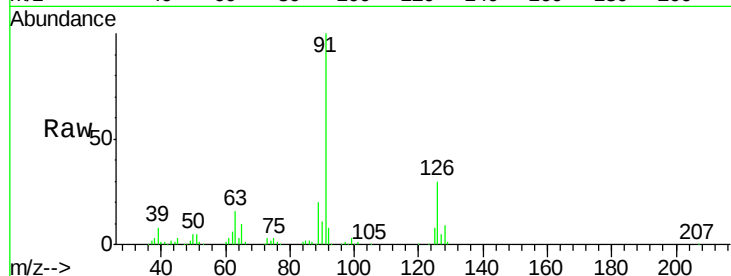
126 31.2 15.9 47.6

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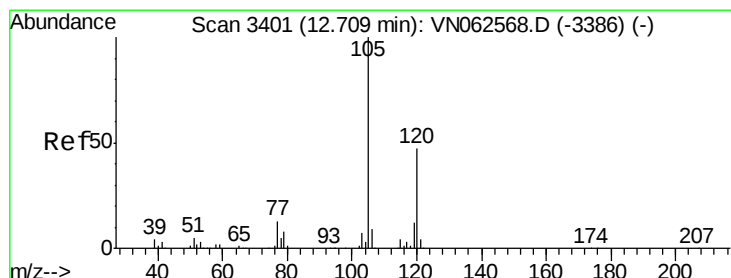
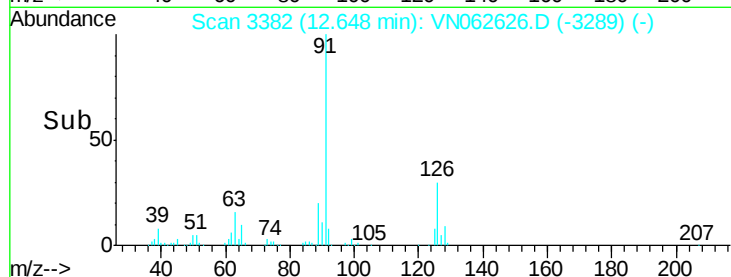
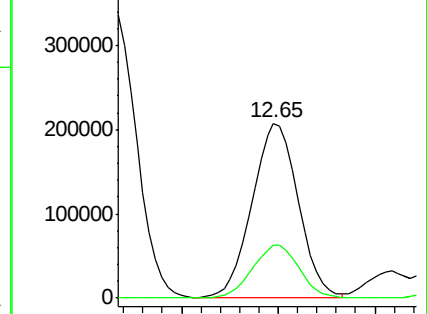
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Abundance Ion 91.00 (90.70 to 91.70): VN062626.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062626.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.200 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062626.D

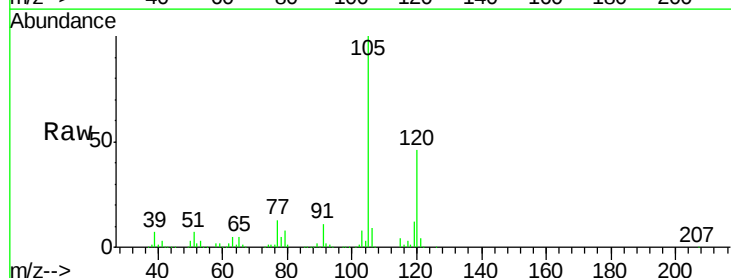
Acq: 28 Jul 2020 10:38

Tgt Ion: 105 Resp: 431267

Ion Ratio Lower Upper

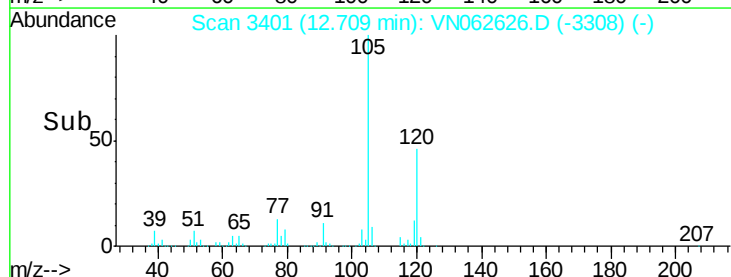
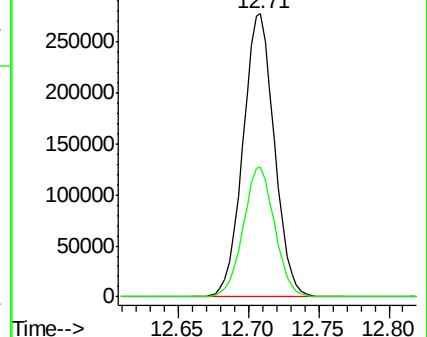
105 100

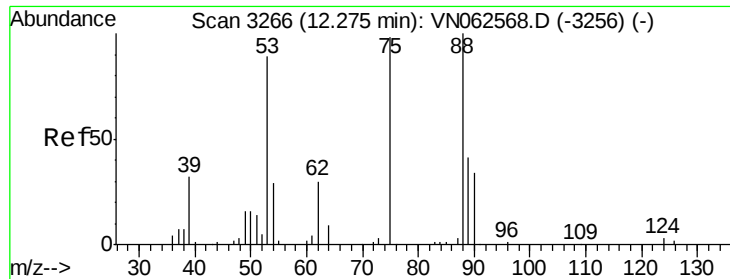
120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062626.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062626.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.475 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

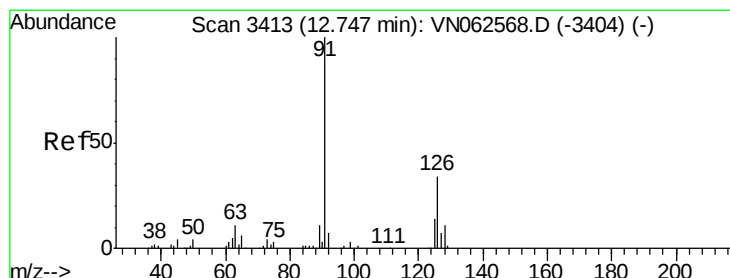
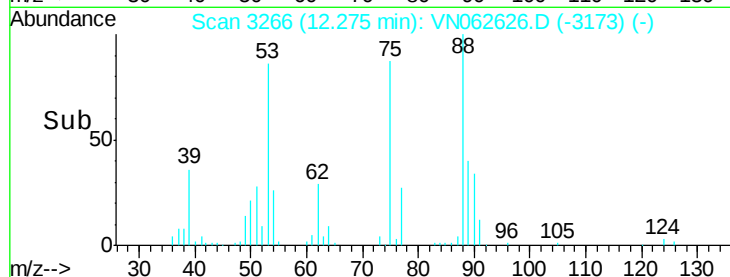
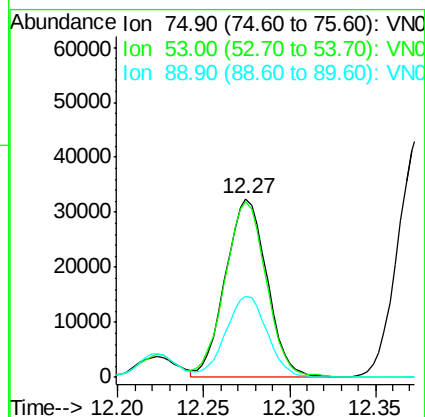
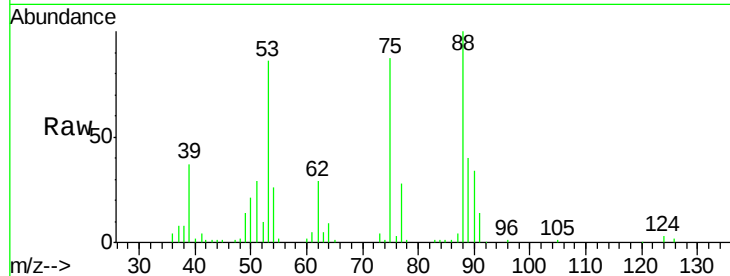
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	54881
Ion	Ratio	Lower	Upper
75	100		
53	98.3	75.4	113.0
89	45.5	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.514 ug/l

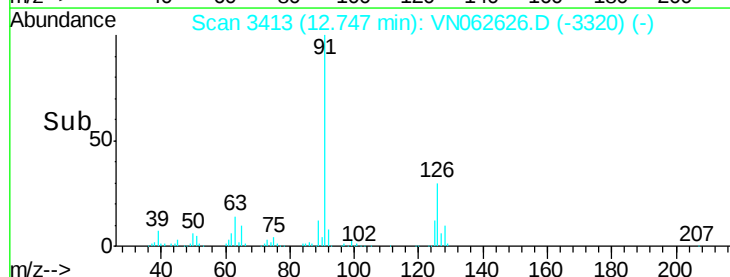
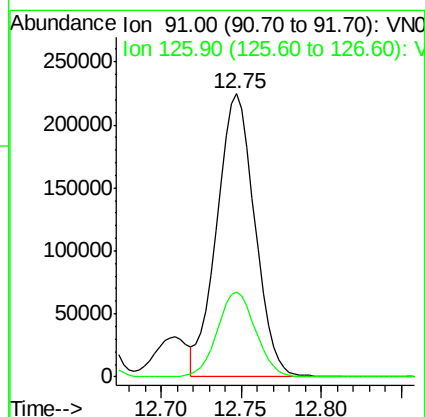
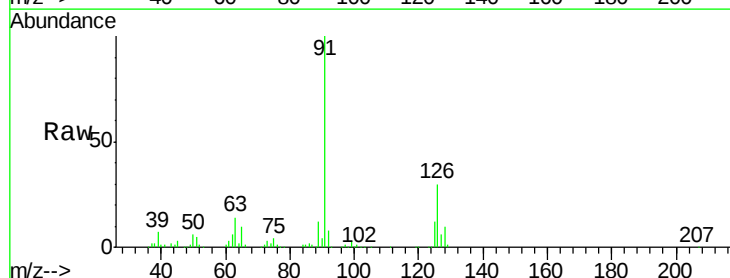
RT: 12.75 min Scan# 3413

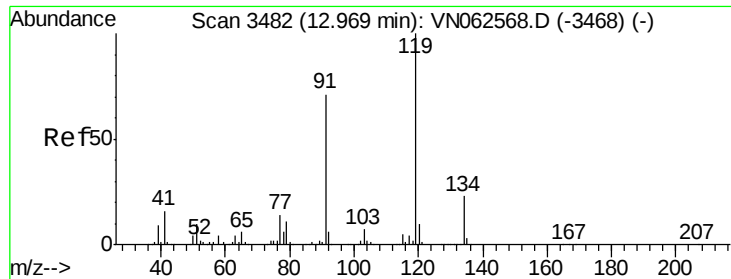
Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Tgt Ion:	91	Resp:	364097
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.4





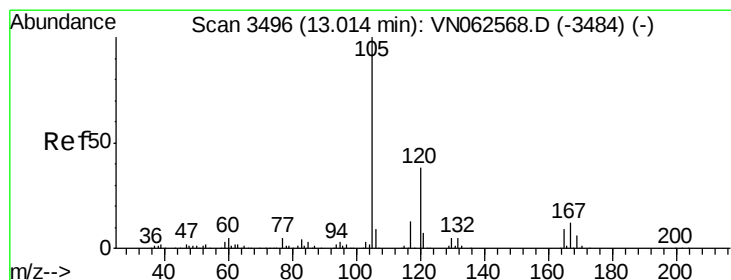
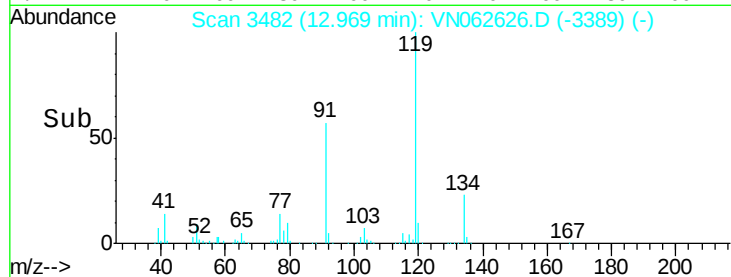
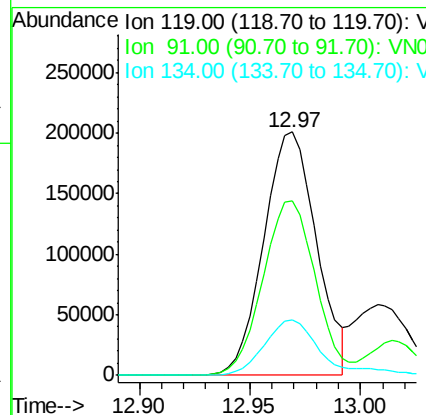
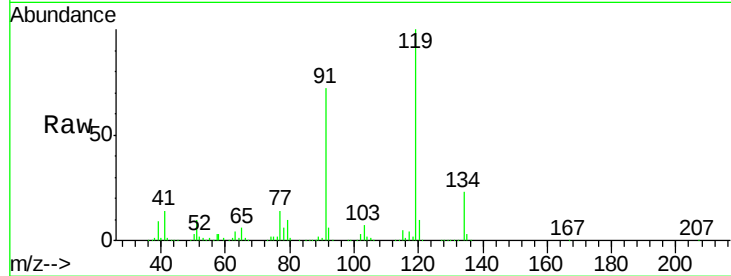
#83
 tert-Butylbenzene
 Concen: 50.402 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	71.2	34.6	103.8
134	24.5	11.5	34.4

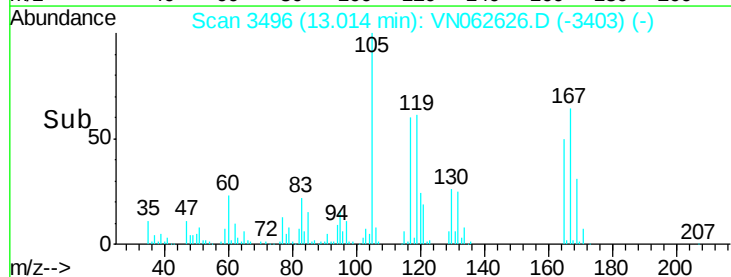
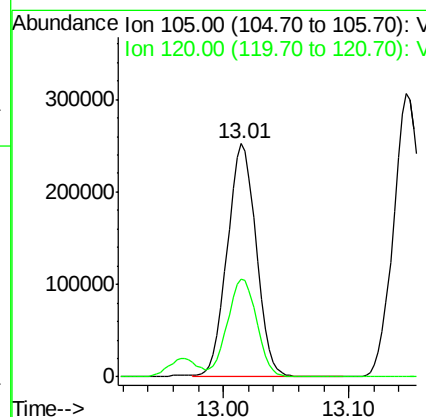
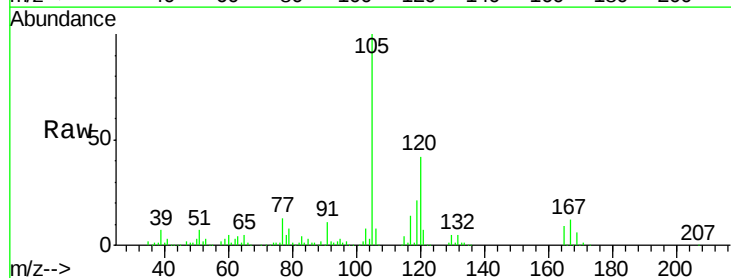
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.635 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.1	66.3





#85

sec-Butylbenzene

Concen: 54.025 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 477884

Ion Ratio Lower Upper

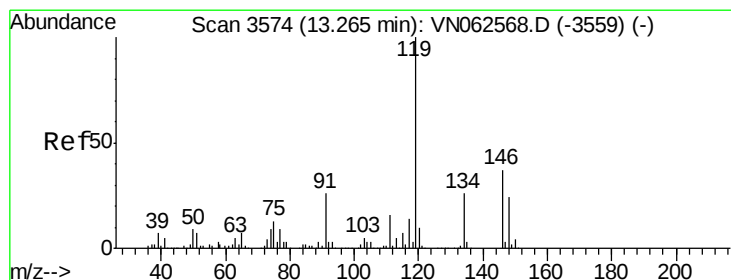
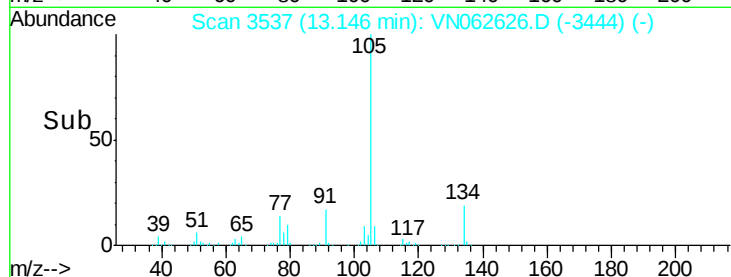
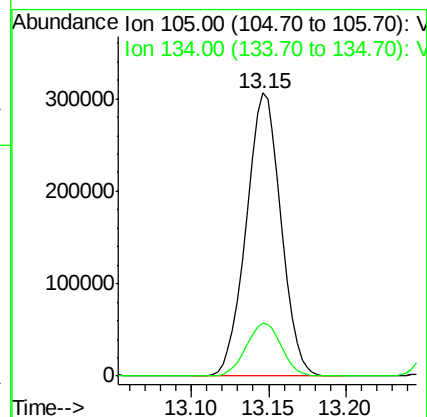
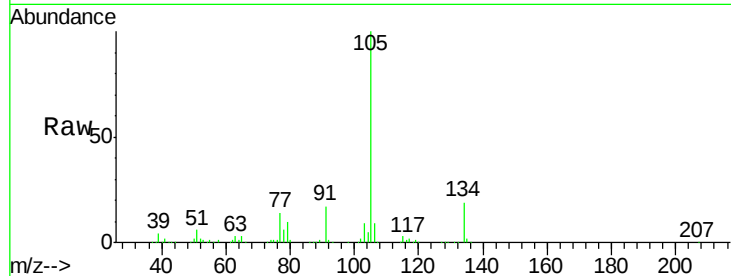
105 100

134 19.0 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 56.707 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062626.D

Acq: 28 Jul 2020 10:38

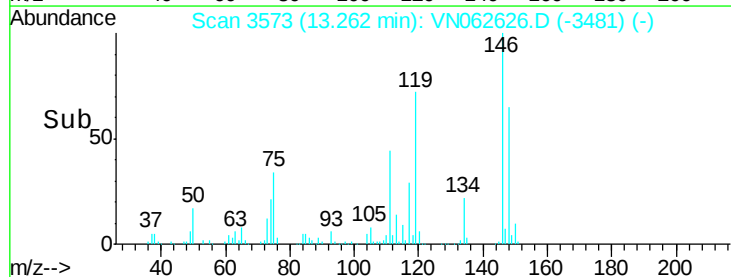
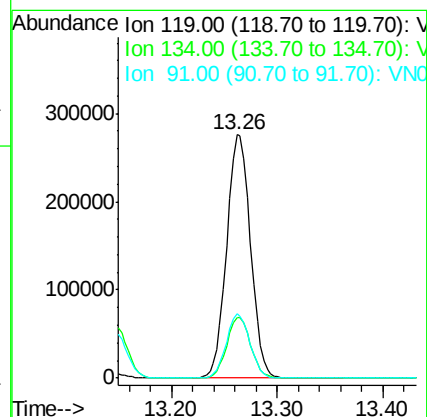
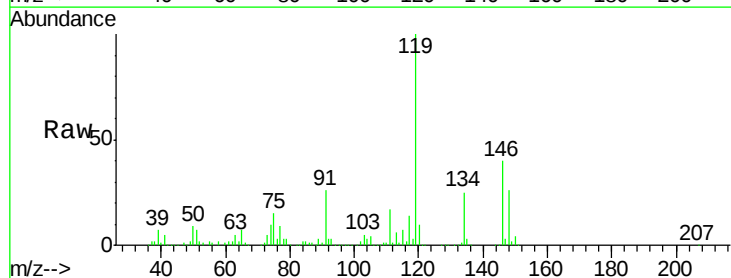
Tgt Ion:119 Resp: 431425

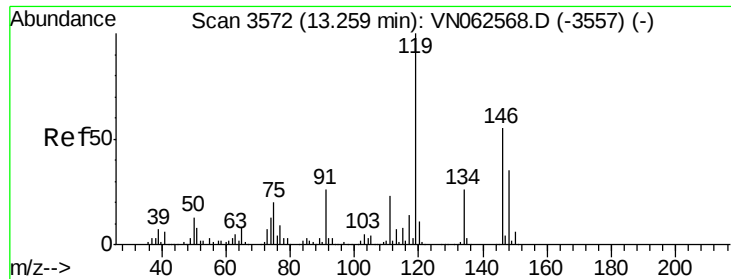
Ion Ratio Lower Upper

119 100

134 24.8 12.8 38.4

91 25.9 12.7 38.1





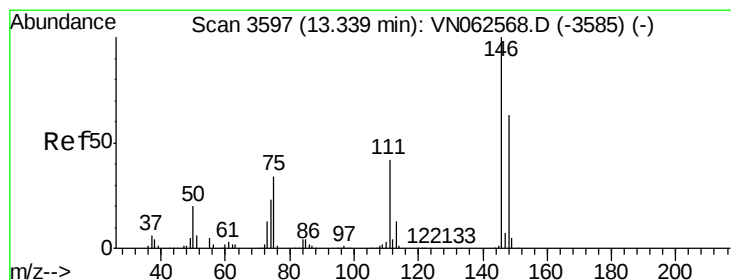
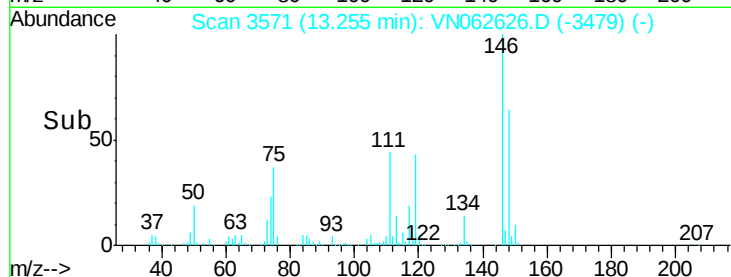
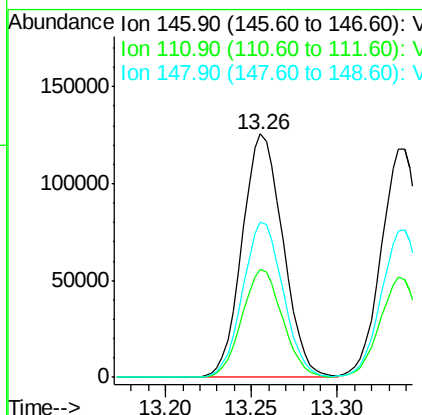
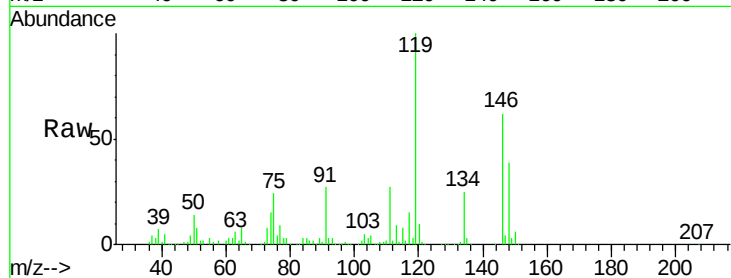
#87
 1,3-Dichlorobenzene
 Concen: 51.320 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.6	64.6
148	63.0	31.8	95.4

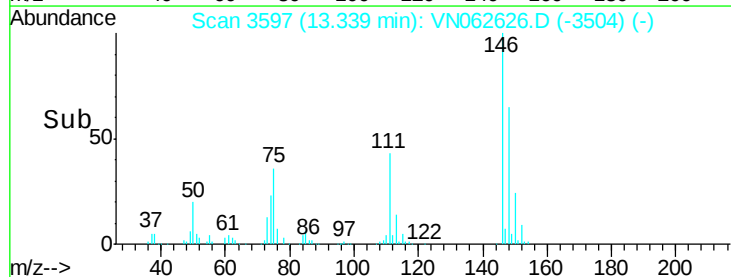
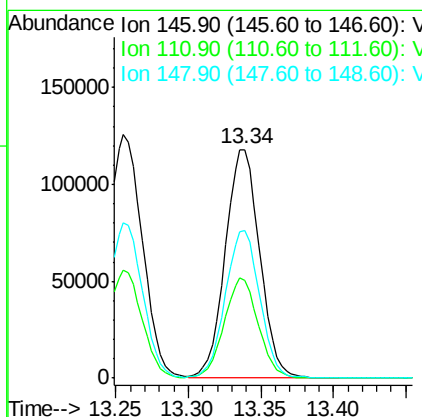
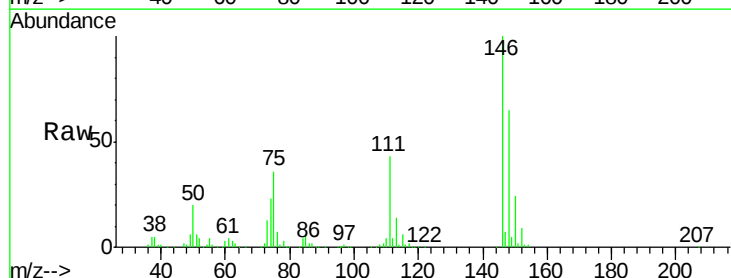
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#88
 1,4-Dichlorobenzene
 Concen: 48.591 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.1
148	65.2	31.6	94.8





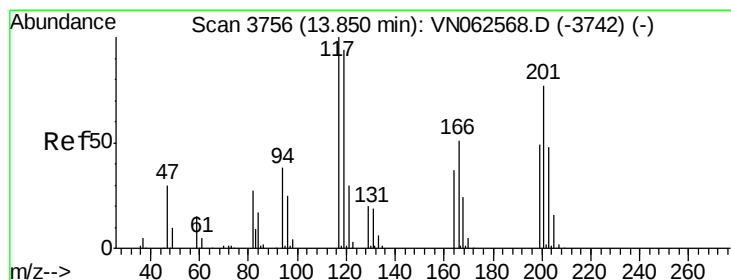
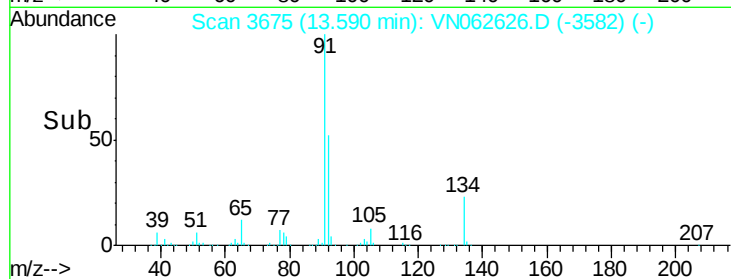
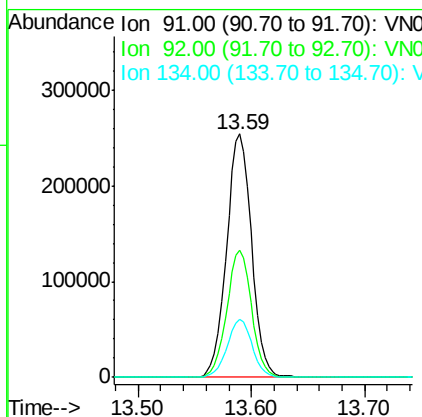
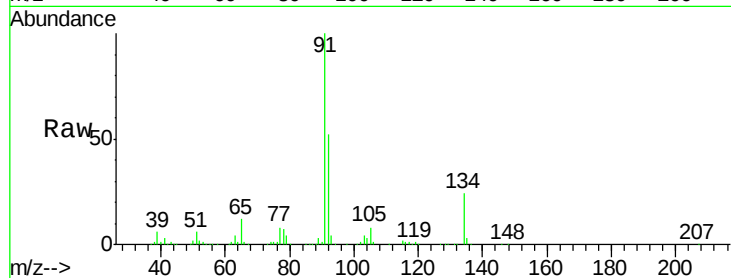
#89
n-Butylbenzene
Concen: 59.757 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.8	77.3
134	23.7	11.8	35.3

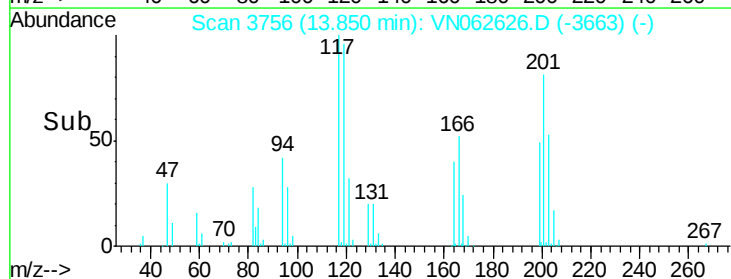
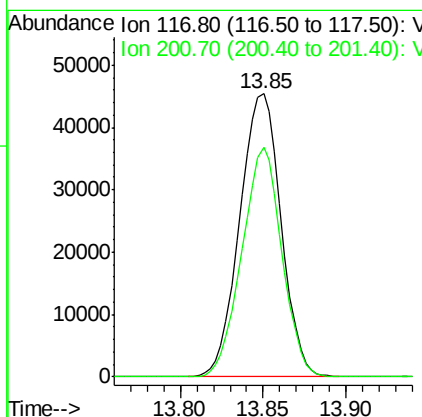
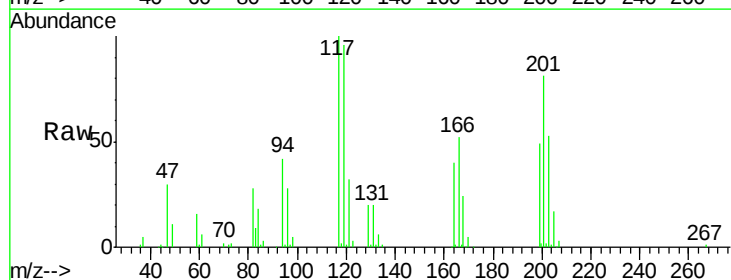
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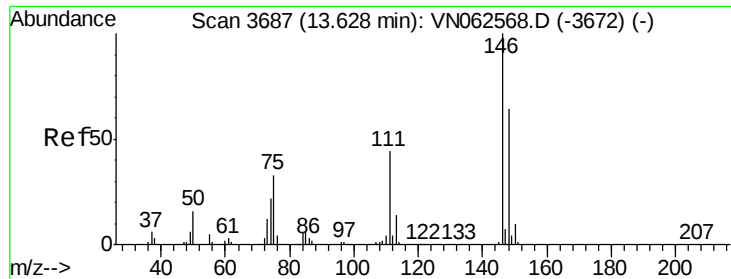
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#90
Hexachloroethane
Concen: 48.527 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	39.2	117.6





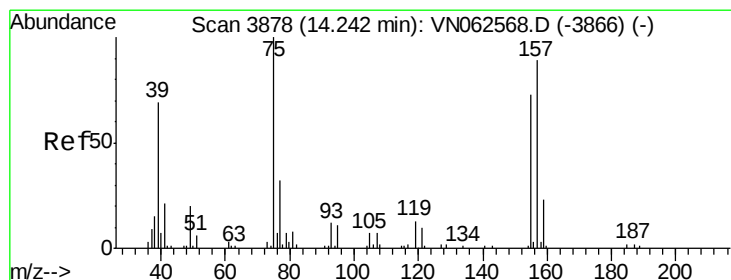
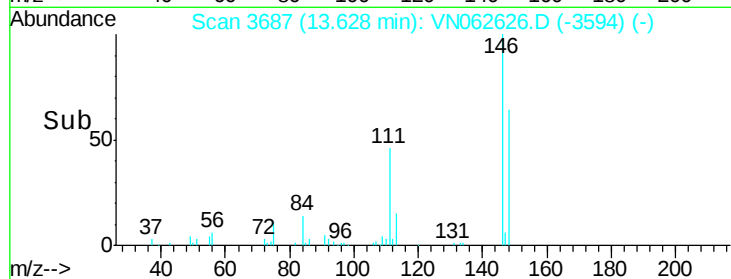
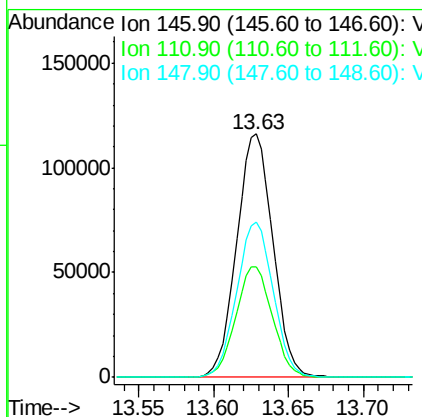
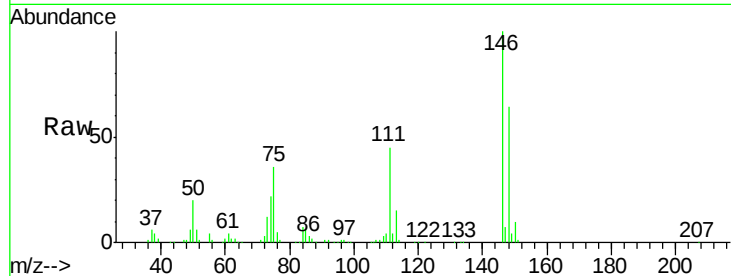
#91
 1,2-Dichlorobenzene
 Concen: 50.768 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.9	21.9	65.8
148	64.1	31.6	94.7

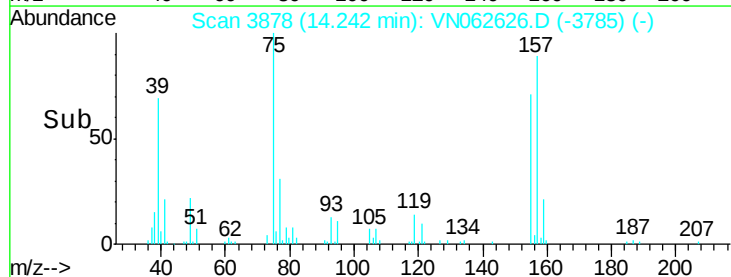
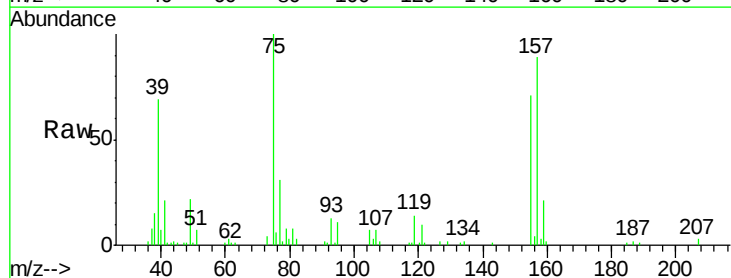
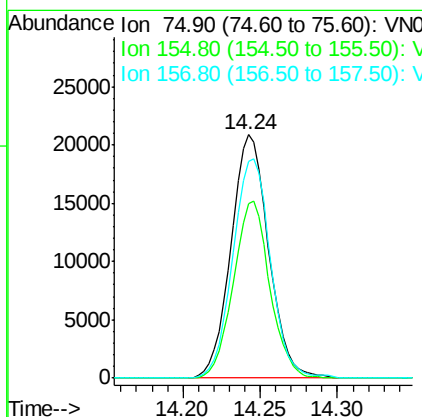
Manual Integrations
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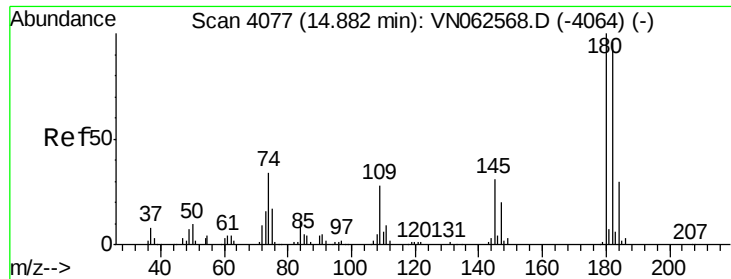
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.247 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062626.D
 Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	35.9	107.5
157	90.3	45.0	135.0





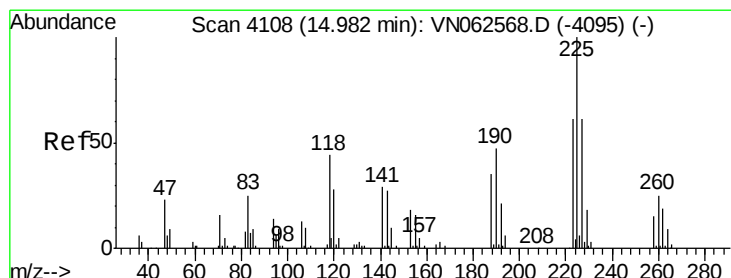
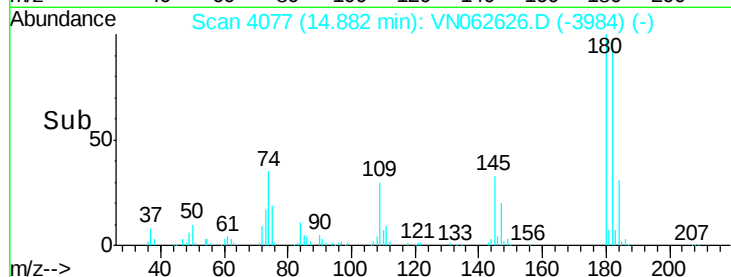
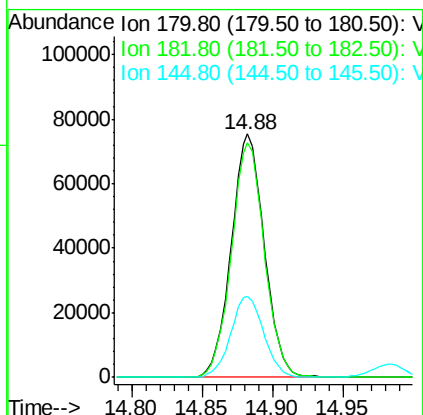
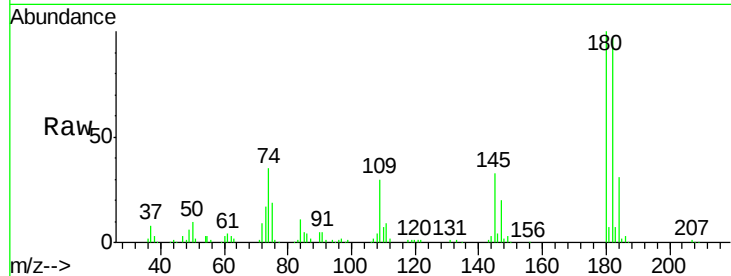
#93
1,2,4-Trichlorobenzene
Concen: 60.066 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123521		
182	96.3	47.8	143.3	
145	33.3	15.3	45.9	

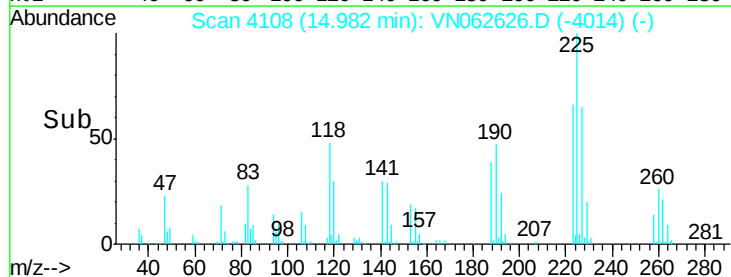
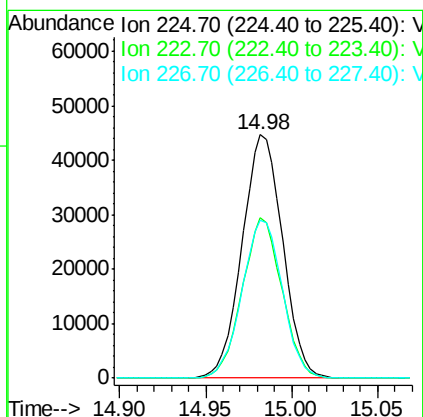
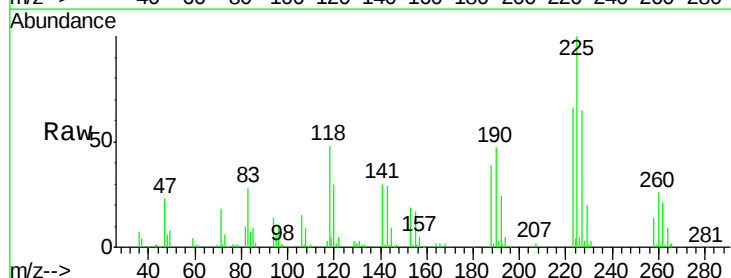
Manual Integrations
APPROVED

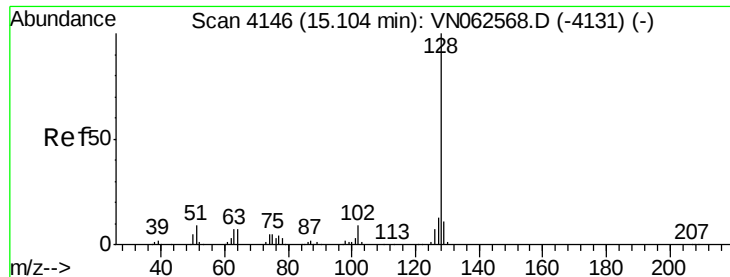
MMDadoda
7/29/2020 7:06:19 PM



#94
Hexachlorobutadiene
Concen: 70.089 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. 0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73162		
223	64.4	32.0	96.0	
227	64.7	31.1	93.2	





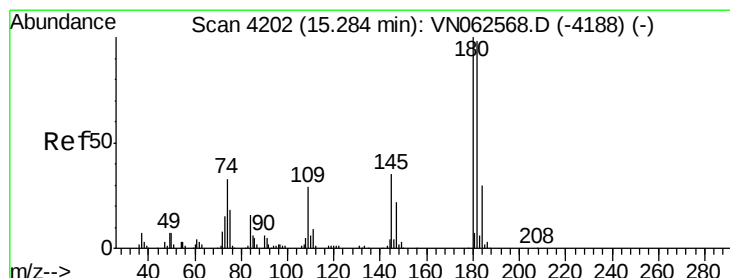
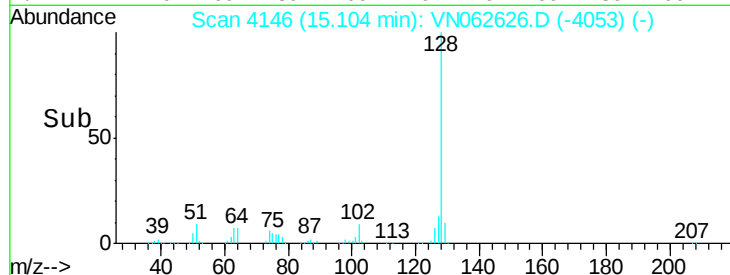
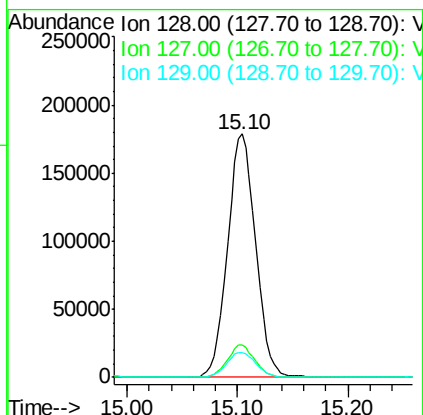
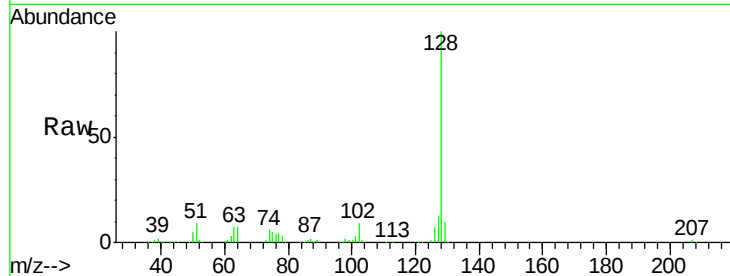
#95
Naphthalene
Concen: 57.781 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:06:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 67.147 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062626.D
Acq: 28 Jul 2020 10:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	48.1	144.3
145	33.4	16.7	50.1

