

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061839.D
 Acq On : 17 Jun 2020 11:04
 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
 6/18/2020 9:38:04 AM

Quant Time: Jun 18 04:18:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	178141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	116609	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	7.54	113	99953	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.06	98	395738	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.37	95	140063	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	130477	56.254	ug/l	97
3) Chloromethane	2.03	50	127276	51.473	ug/l	98
4) Vinyl Chloride	2.16	62	158685	53.832	ug/l	99
5) Bromomethane	2.53	94	110061	48.621	ug/l	99
6) Chloroethane	2.67	64	104314	52.288	ug/l	99
7) Trichlorofluoromethane	2.98	101	198172	56.282	ug/l	99
8) Diethyl Ether	3.37	74	64315	54.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	100471	55.619	ug/l	98
10) Methyl Iodide	3.91	142	121739	55.219	ug/l	99
11) Tert butyl alcohol	4.72	59	72915	220.548	ug/l	99
12) 1,1-Dichloroethene	3.69	96	99087	54.744	ug/l	93
13) Acrolein	3.56	56	47467	240.223	ug/l	98
14) Allyl chloride	4.27	41	129781	54.025	ug/l	98
15) Acrylonitrile	4.92	53	200961	245.316	ug/l	99
16) Acetone	3.77	43	202490	286.932	ug/l	100
17) Carbon Disulfide	4.00	76	286136	54.028	ug/l	99
18) Methyl Acetate	4.27	43	95815	47.159	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	318012	52.769	ug/l	98
20) Methylene Chloride	4.50	84	111901	48.670	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	110995	53.389	ug/l	99
22) Diisopropyl ether	5.90	45	290422	52.861	ug/l	99
23) Vinyl Acetate	5.84	43	1132946	262.188	ug/l	99
24) 1,1-Dichloroethane	5.79	63	188724	52.474	ug/l	99
25) 2-Butanone	6.78	43	263591	256.006	ug/l	98
26) 2,2-Dichloropropane	6.77	77	166808	55.128	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	127259	53.050	ug/l	100
28) Bromochloromethane	7.14	49	87494	54.638	ug/l	100
29) Tetrahydrofuran	7.16	42	161029	237.644	ug/l	99
30) Chloroform	7.32	83	195579	50.883	ug/l	100
31) Cyclohexane	7.61	56	163125	51.812	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	171733	52.462	ug/l	99
36) 1,1-Dichloropropene	7.75	75	151063	56.200	ug/l	99
37) Ethyl Acetate	6.87	43	108979	51.919	ug/l	99
38) Carbon Tetrachloride	7.73	117	147331	55.349	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	177413	61.296	ug/l	99
40) Benzene	8.00	78	447283	54.932	ug/l	100
41) Methacrylonitrile	7.12	41	45712	50.928	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	149072	53.694	ug/l	100
43) Isopropyl Acetate	8.12	43	189154	53.473	ug/l #	91
44) Trichloroethene	8.80	130	119170	55.612	ug/l	98
45) 1,2-Dichloropropane	9.08	63	110942	55.443	ug/l	99
46) Dibromomethane	9.17	93	76312	54.157	ug/l	98
47) Bromodichloromethane	9.37	83	158153	54.813	ug/l	98
48) Methyl methacrylate	9.16	41	83959	52.192	ug/l	99
49) 1,4-Dioxane	9.16	88	38340	1038.092	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	546356	261.370	ug/l	99
52) Toluene	10.12	92	293467	57.388	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	176947	57.769	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	191983	57.706	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	111366	55.351	ug/l	99
56) Ethyl methacrylate	10.40	69	152734	49.715	ug/l	98
57) 1,3-Dichloropropane	10.68	76	184785	54.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	257176	242.195	ug/l	99
59) 2-Hexanone	10.72	43	409111	245.244	ug/l	99
60) Dibromochloromethane	10.87	129	123613	55.060	ug/l	98
61) 1,2-Dibromoethane	10.98	107	112646	53.618	ug/l	99
64) Tetrachloroethene	10.60	164	101870	58.286	ug/l	96
65) Chlorobenzene	11.40	112	317549	54.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	114818	56.896	ug/l	100
67) Ethyl Benzene	11.48	91	564133	58.150	ug/l	100
68) m/p-Xylenes	11.59	106	445195	119.009	ug/l	100
69) o-Xylene	11.92	106	210017	58.839	ug/l	99
70) Styrene	11.94	104	359843	60.210	ug/l	99
71) Bromoform	12.10	173	82703	56.206	ug/l #	99
73) Isopropylbenzene	12.22	105	558368	56.340	ug/l	100
74) N-amyl acetate	12.04	43	174232	48.634	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	156375	48.531	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	125040m	45.667	ug/l	
77) Bromobenzene	12.50	156	135176	54.064	ug/l	97
78) n-propylbenzene	12.56	91	646456	57.166	ug/l	100
79) 2-Chlorotoluene	12.65	91	371674	54.724	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	470819	57.422	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	52967	52.761	ug/l	99
82) 4-Chlorotoluene	12.75	91	393659	56.093	ug/l	100
83) tert-Butylbenzene	12.97	119	388378	55.873	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	470522	58.134	ug/l	99
85) sec-Butylbenzene	13.15	105	528142	58.049	ug/l	99
86) p-Isopropyltoluene	13.26	119	486724	60.036	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	251006	55.042	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	252620	54.119	ug/l	99
89) n-Butylbenzene	13.59	91	404605	59.758	ug/l	99
90) Hexachloroethane	13.85	117	81897	55.185	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	238658	54.362	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26671	50.987	ug/l	99

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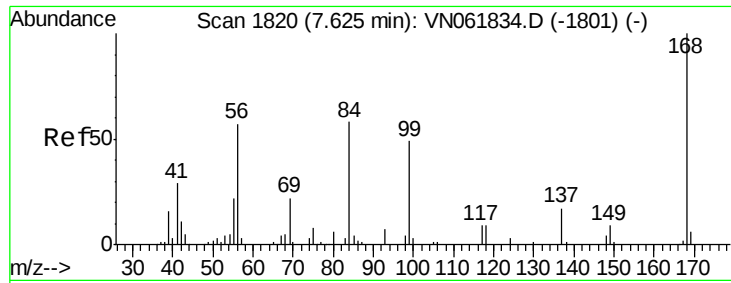
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	123717	59.720	ug/l	99
94) Hexachlorobutadiene	14.98	225	45580	55.863	ug/l	98
95) Naphthalene	15.10	128	339940	49.071	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	118561	57.788	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 178141

Ion Ratio Lower Upper

168 100

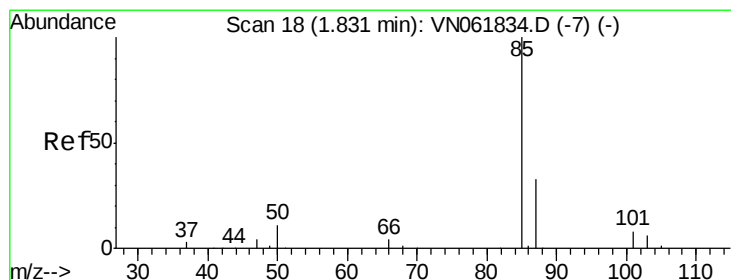
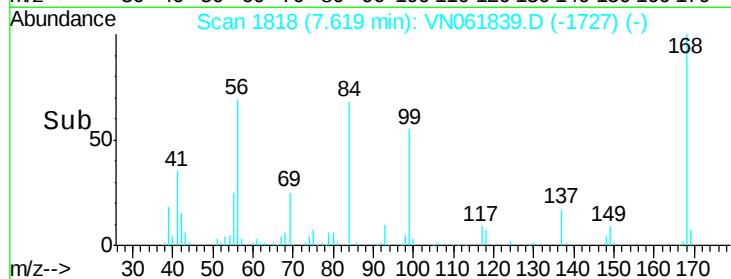
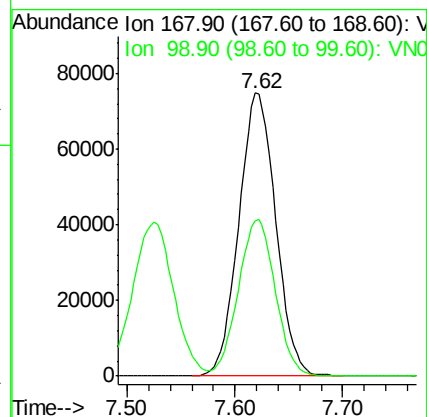
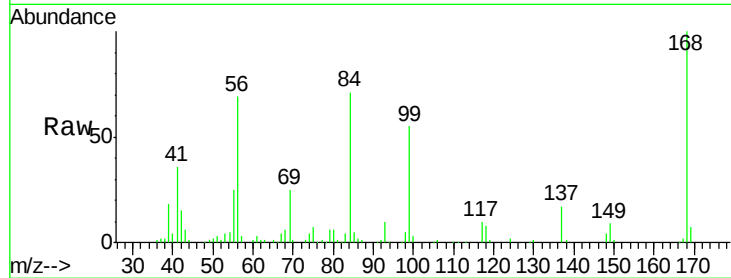
99 55.0 44.6 67.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 56.254 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061839.D

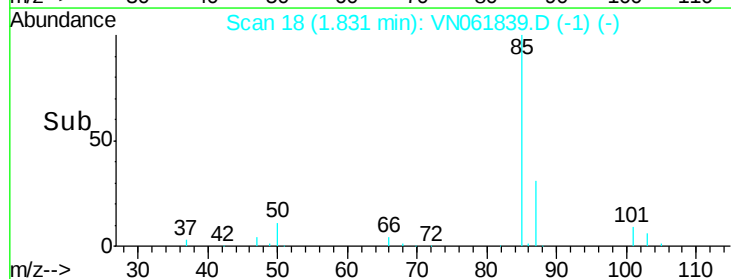
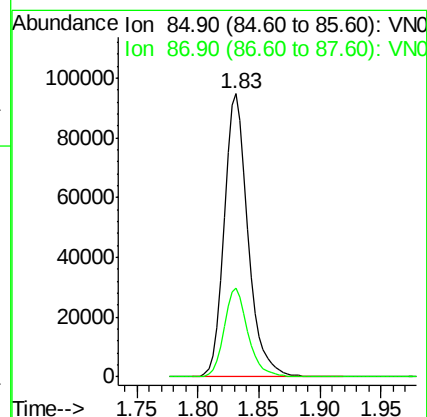
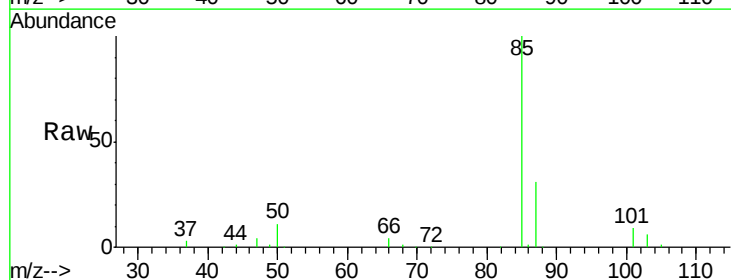
Acq: 17 Jun 2020 11:04

Tgt Ion: 85 Resp: 130477

Ion Ratio Lower Upper

85 100

87 31.4 16.6 49.8





#3

Chloromethane

Concen: 51.473 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 127276

Ion Ratio Lower Upper

50 100

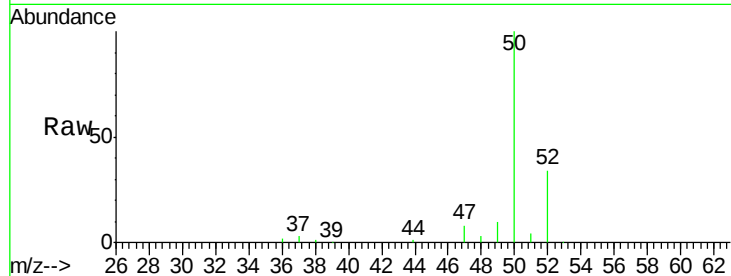
52 33.7 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

100000

80000

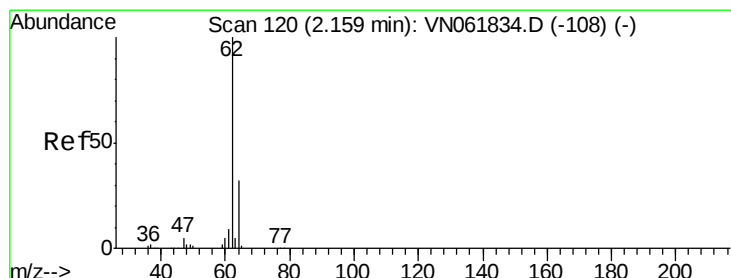
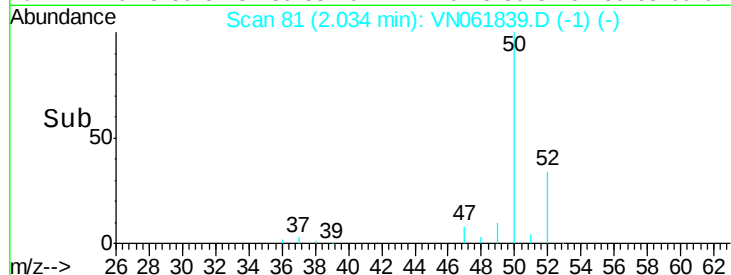
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 53.832 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061839.D

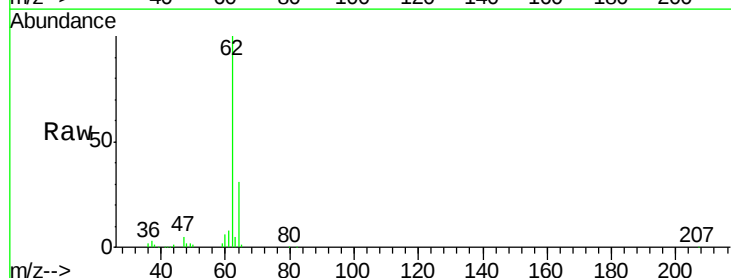
Acq: 17 Jun 2020 11:04

Tgt Ion: 62 Resp: 158685

Ion Ratio Lower Upper

62 100

64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

120000

100000

80000

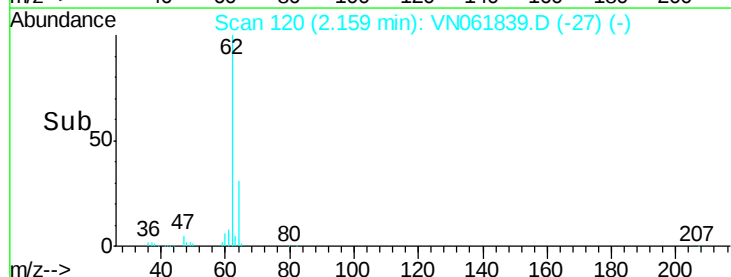
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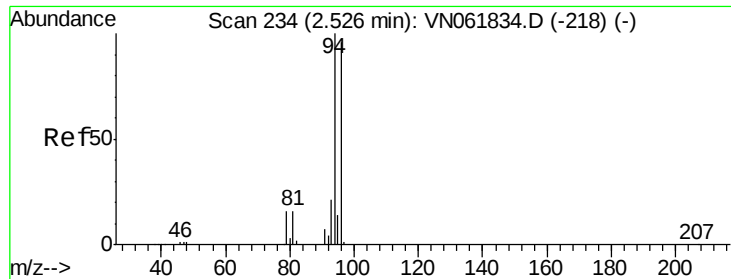
40000

20000

0

Time-->





#5

Bromomethane

Concen: 48.621 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 110061

Ion Ratio Lower Upper

94 100

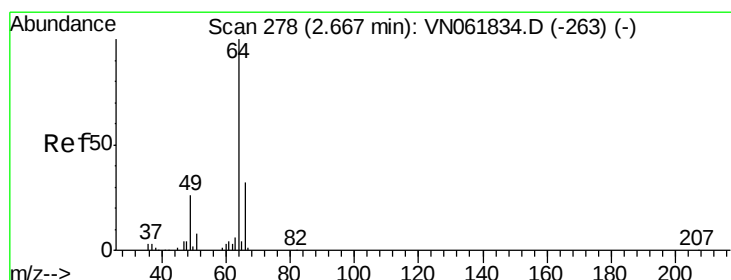
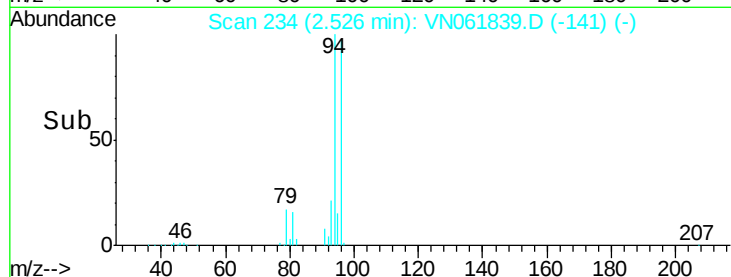
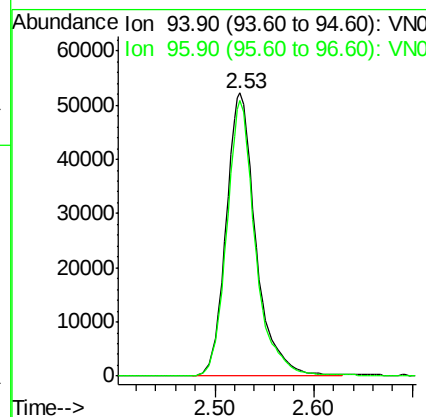
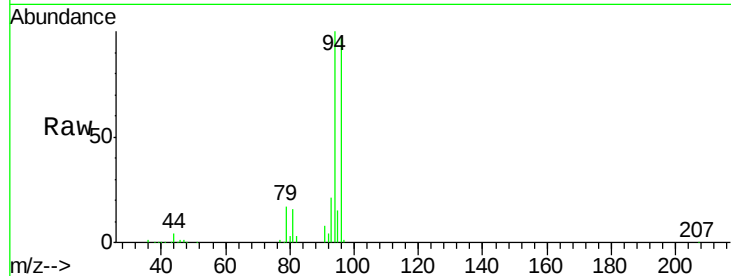
96 96.9 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 52.288 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061839.D

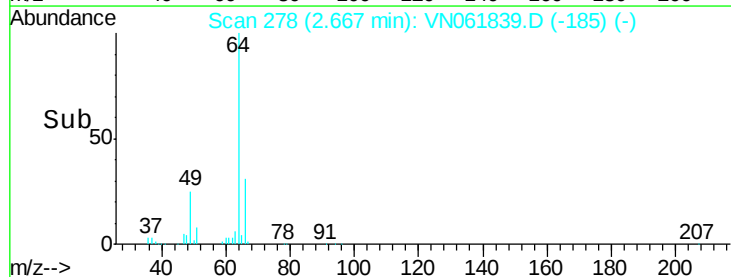
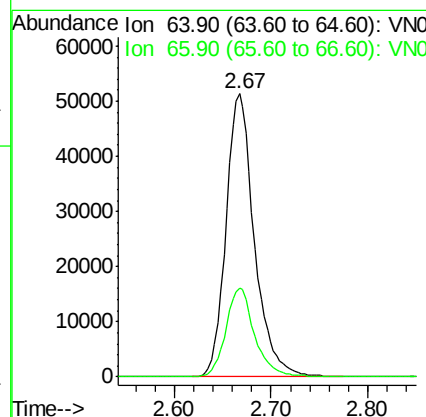
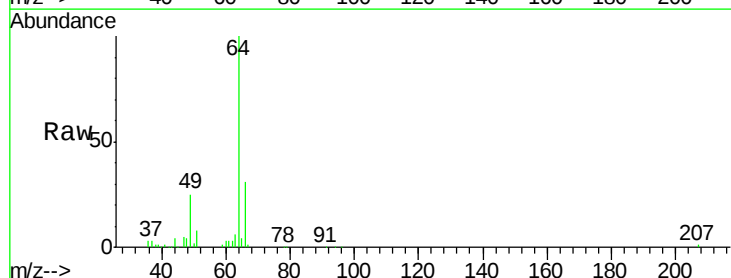
Acq: 17 Jun 2020 11:04

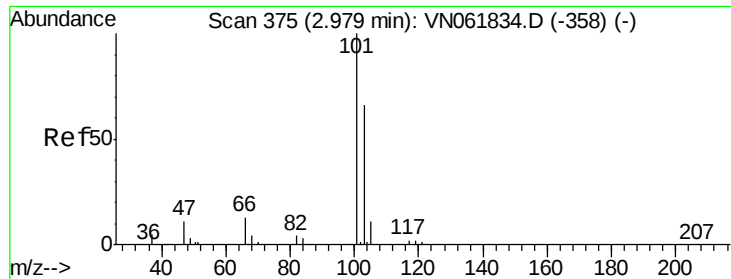
Tgt Ion: 64 Resp: 104314

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2





#7

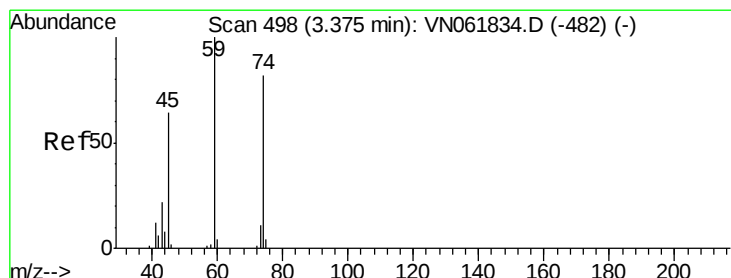
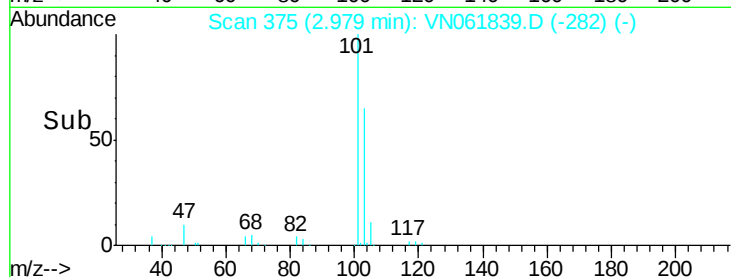
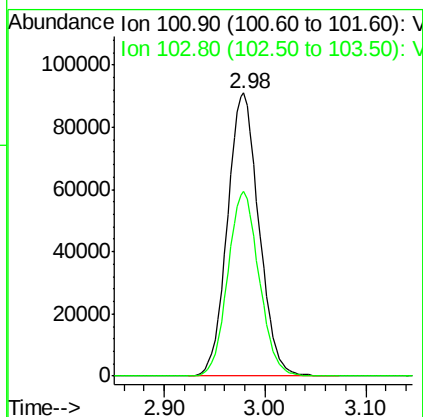
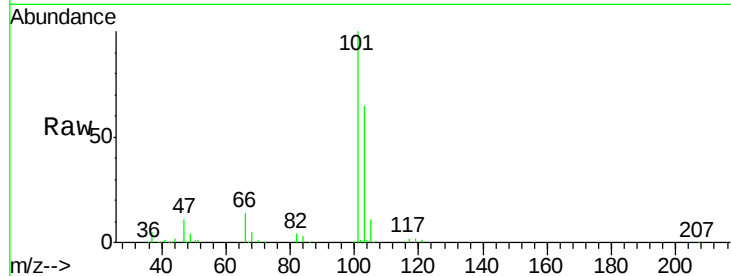
Trichlorofluoromethane
Concen: 56.282 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	198172		
103	65.3	52.8	79.2	

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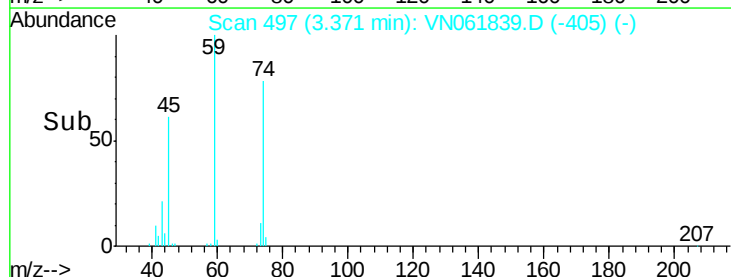
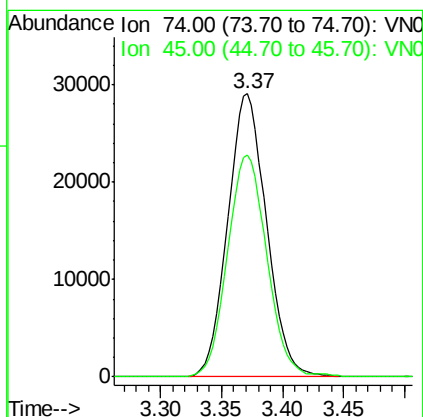
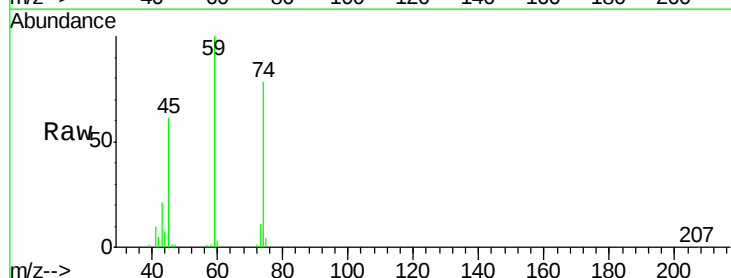
MMDadoda
6/18/2020 9:38:04 AM

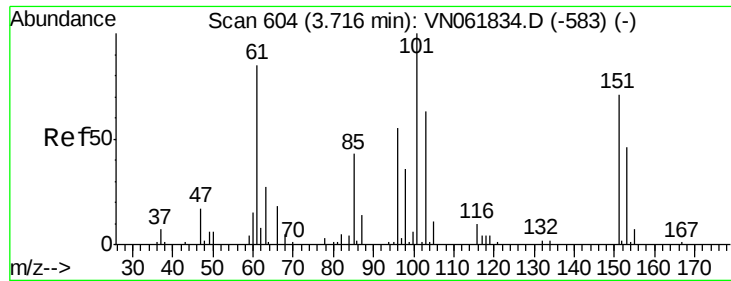


#8

Diethyl Ether
Concen: 54.333 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	64315		
45	79.5	39.1	117.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.619 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

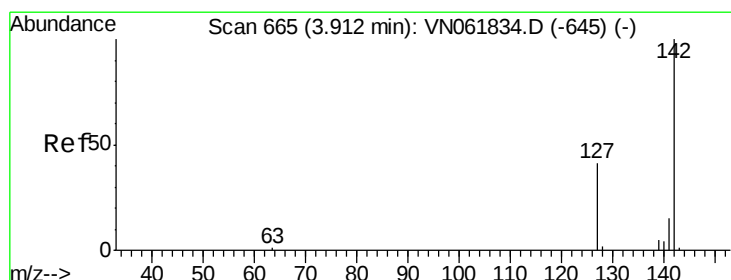
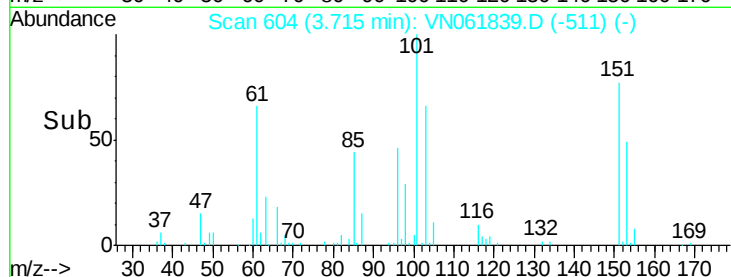
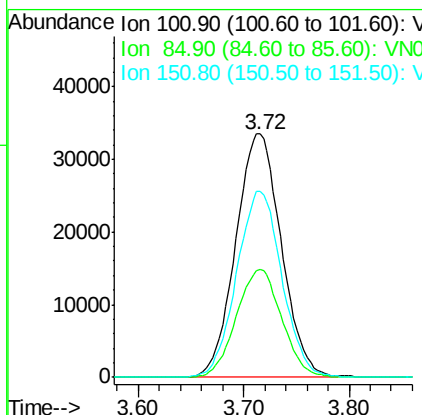
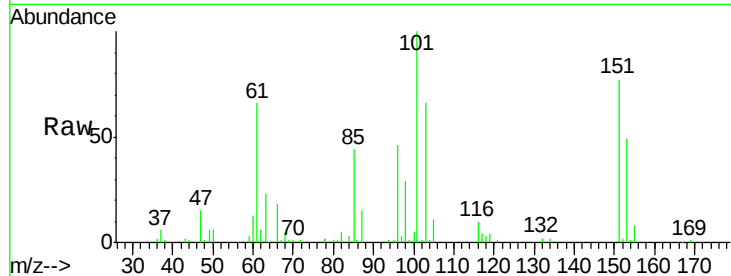
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	100471
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.0	52.6
151	76.0	59.2	88.8

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#10

Methyl Iodide

Concen: 55.219 ug/l

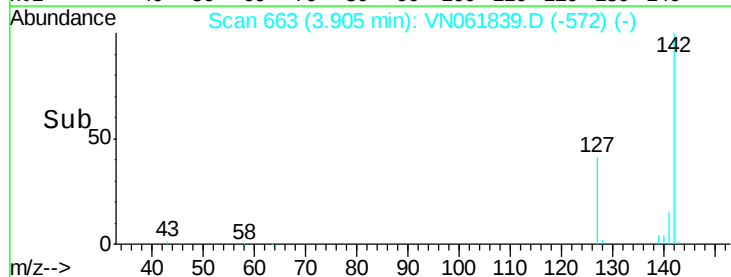
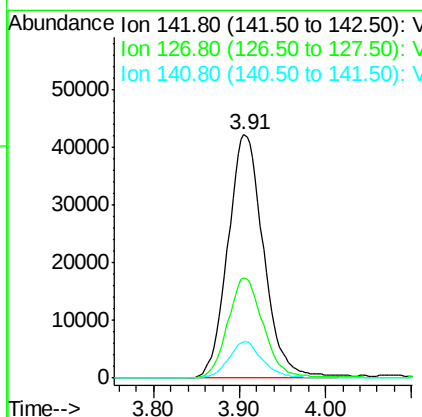
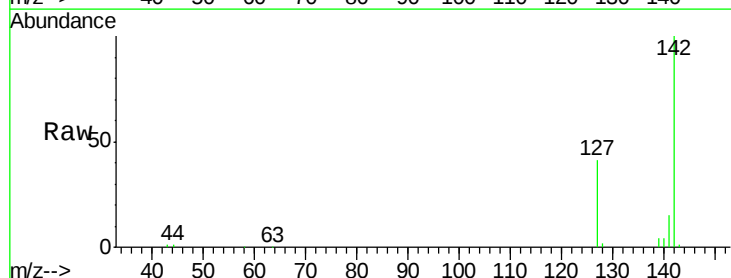
RT: 3.91 min Scan# 663

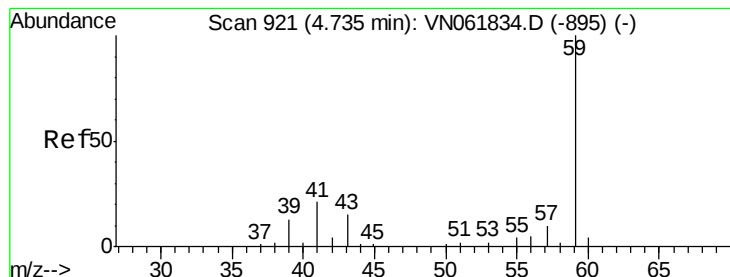
Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Tgt Ion:	142	Resp:	121739
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.4	50.0
141	14.2	11.3	16.9





#11

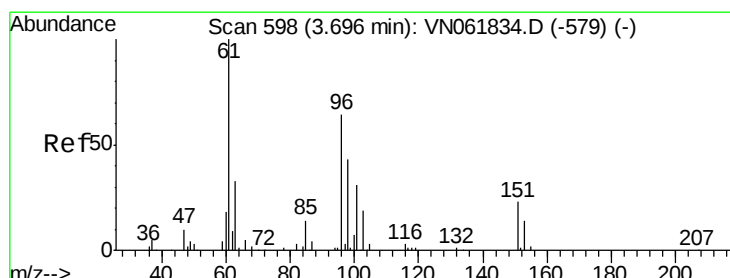
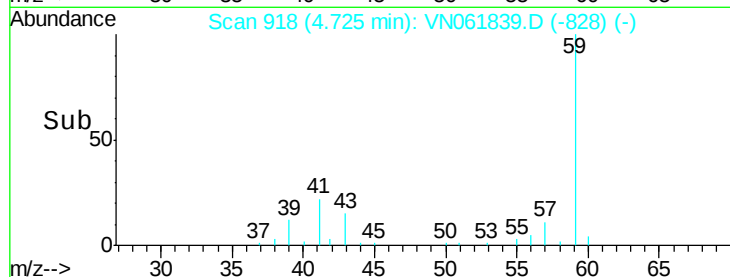
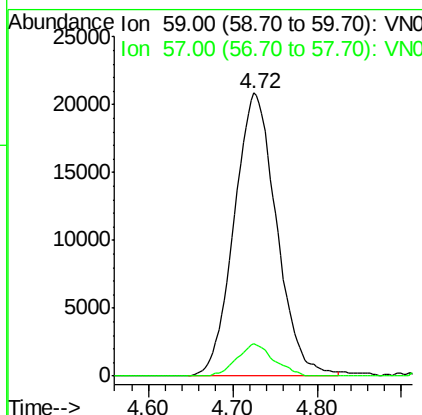
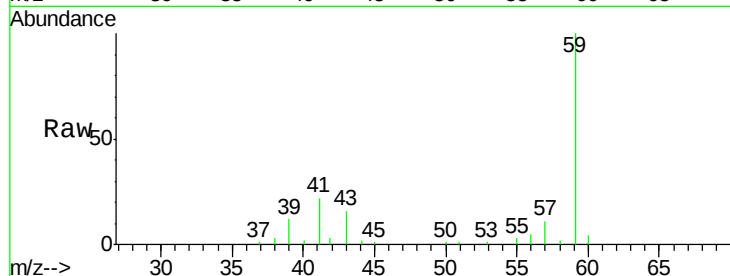
Tert butyl alcohol
 Concen: 220.548 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	72915		
57	57	9.9		7.7	11.5

Manual Integrations
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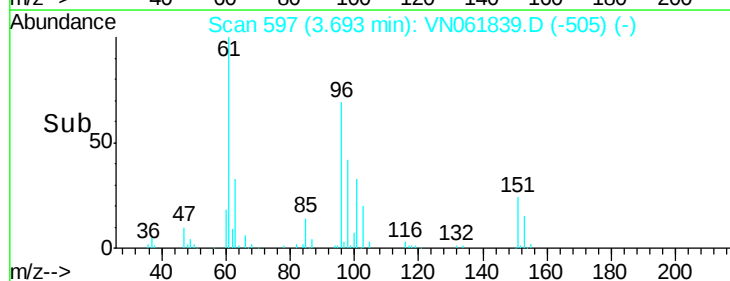
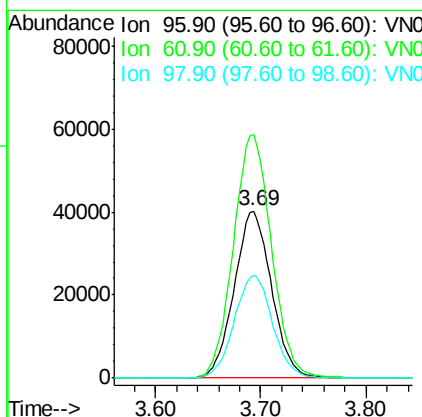
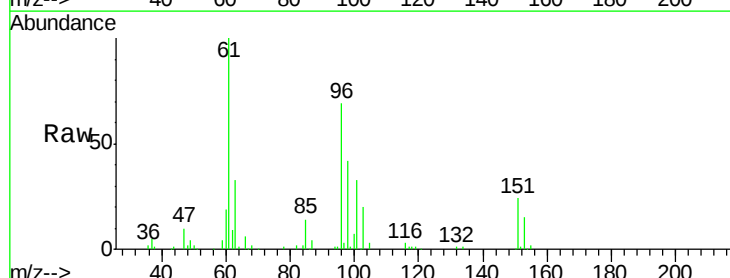
MMDadoda
 6/18/2020 9:38:04 AM

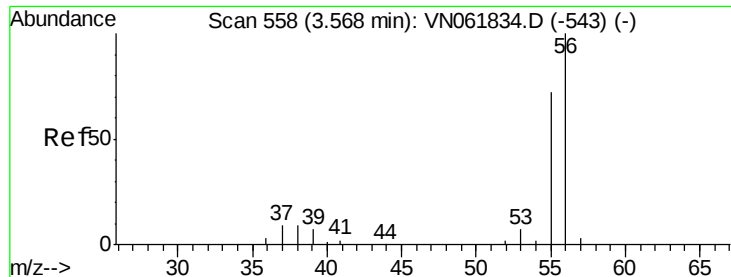


#12

1,1-Dichloroethene
 Concen: 54.744 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	99087		
61	61	145.8		124.3	186.5
98	98	61.5		53.1	79.7





#13

Acrolein

Concen: 240.223 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 47467

Ion Ratio Lower Upper

56 100

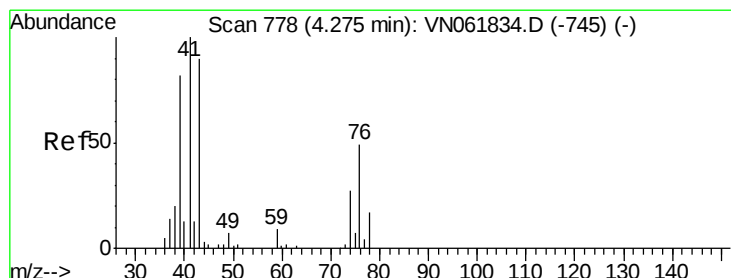
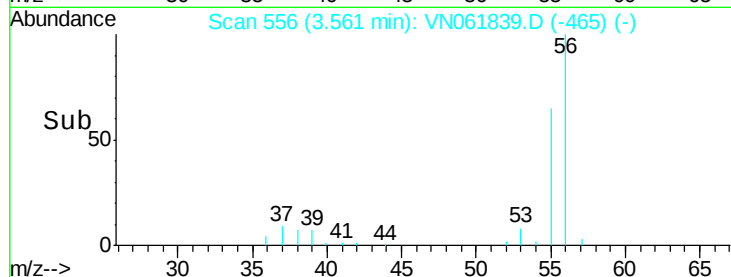
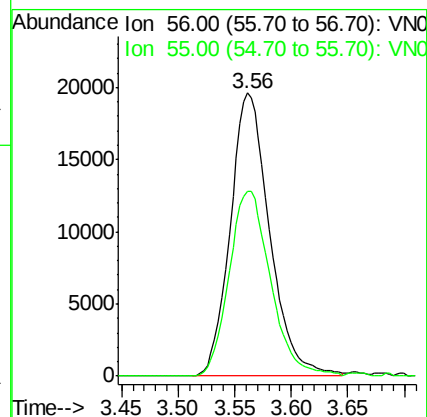
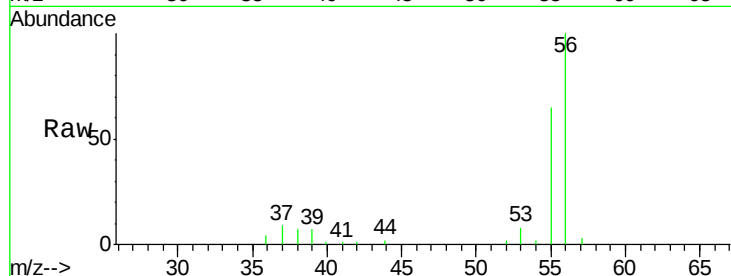
55 68.7 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 54.025 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

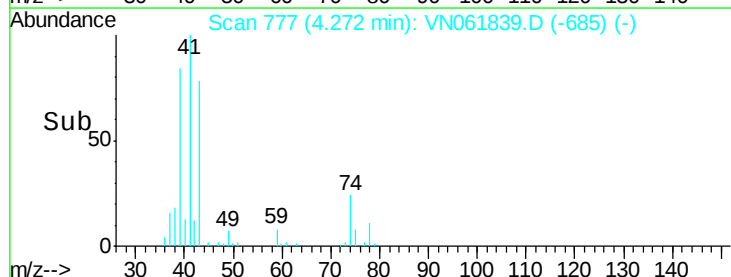
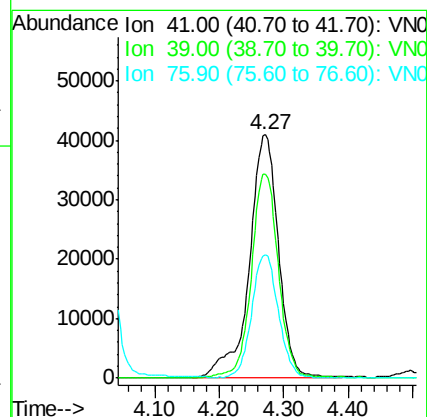
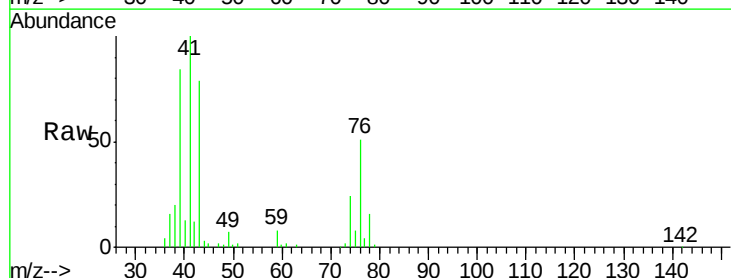
Tgt Ion: 41 Resp: 129781

Ion Ratio Lower Upper

41 100

39 77.6 60.2 90.2

76 46.1 36.3 54.5





#15

Acrylonitrile

Concen: 245.316 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

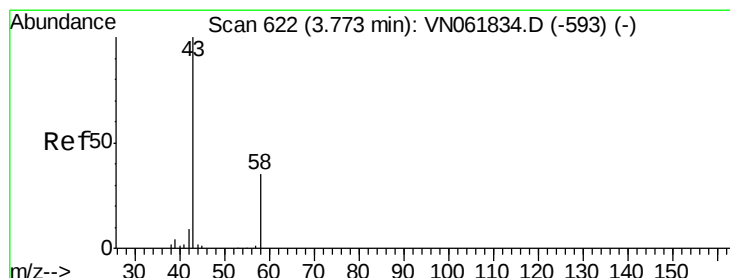
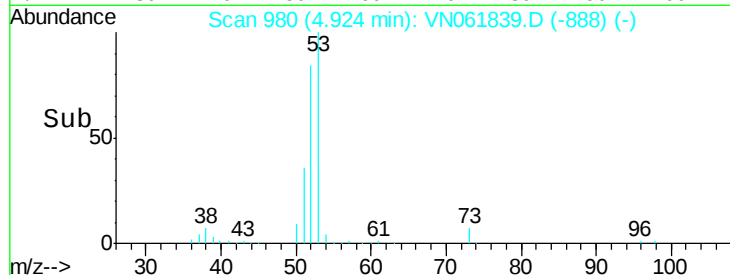
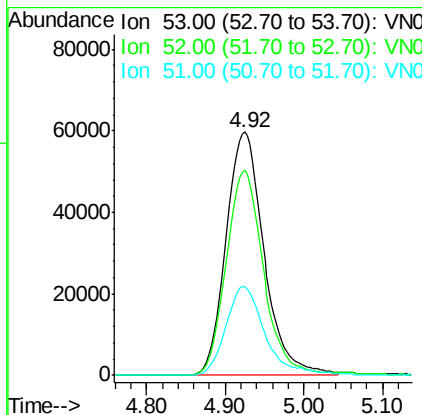
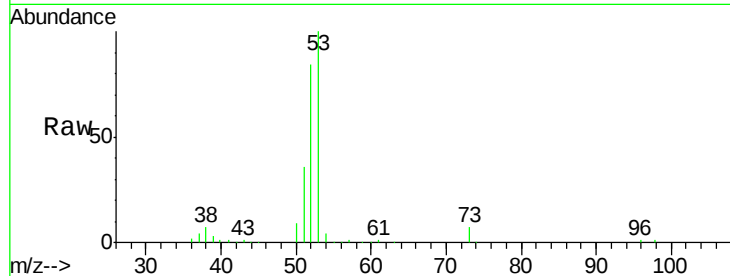
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	200961
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.2	97.8
51	37.1	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 286.932 ug/l

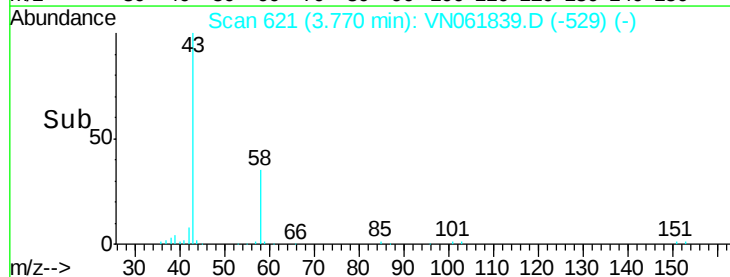
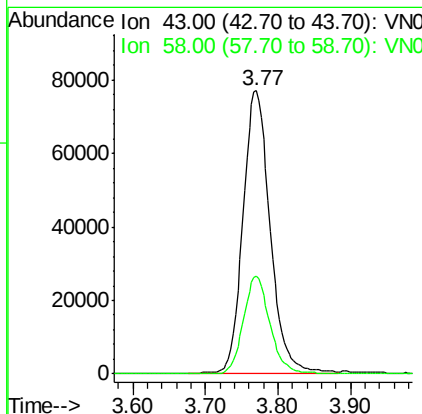
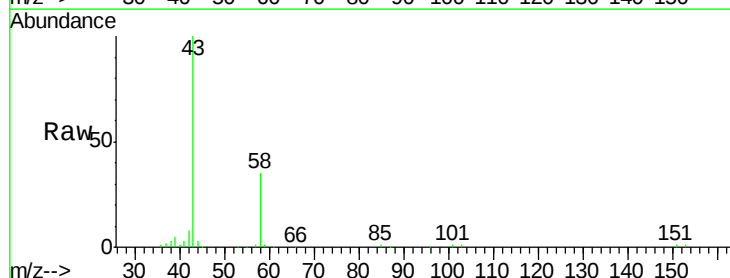
RT: 3.77 min Scan# 621

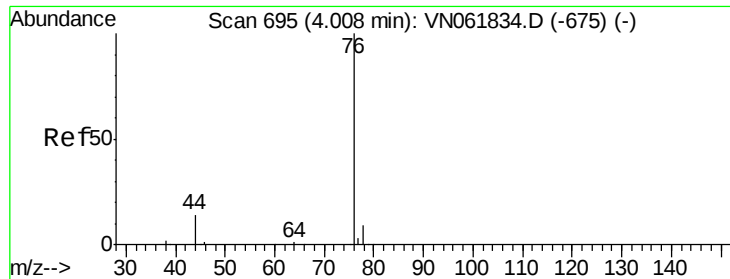
Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Tgt Ion:	43	Resp:	202490
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.8	41.8





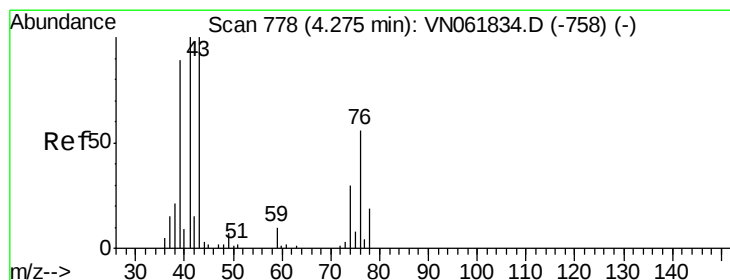
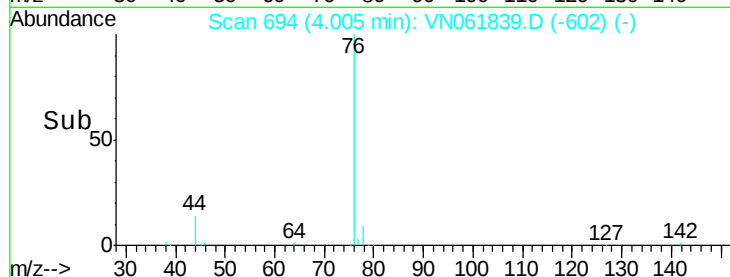
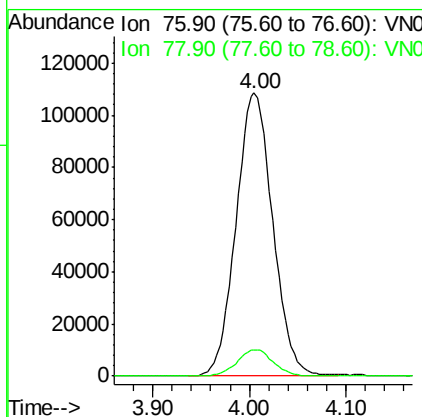
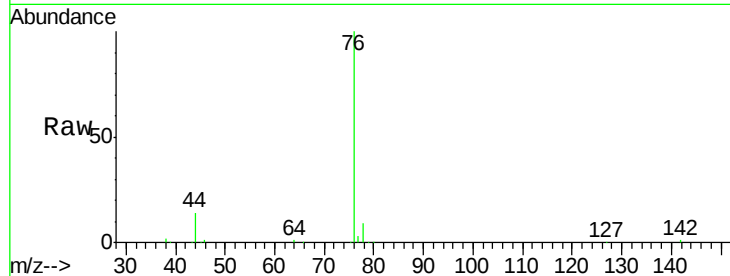
#17
Carbon Disulfide
Concen: 54.028 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

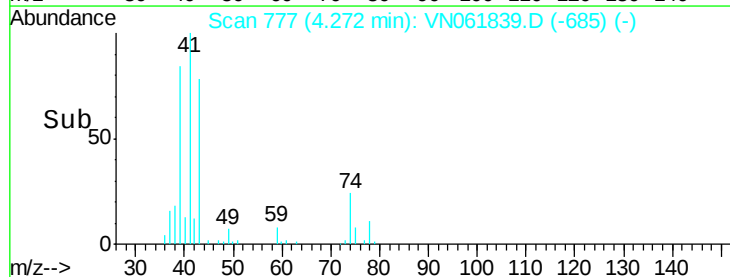
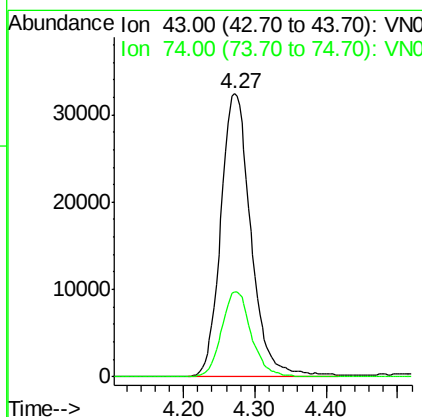
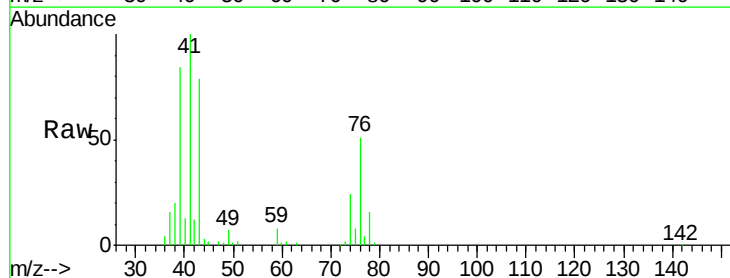
Manual Integrations
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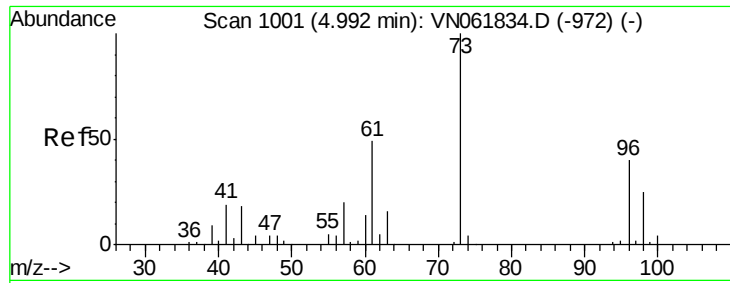
MMDadoda
6/18/2020 9:38:04 AM



#18
Methyl Acetate
Concen: 47.159 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.4	23.0	34.4





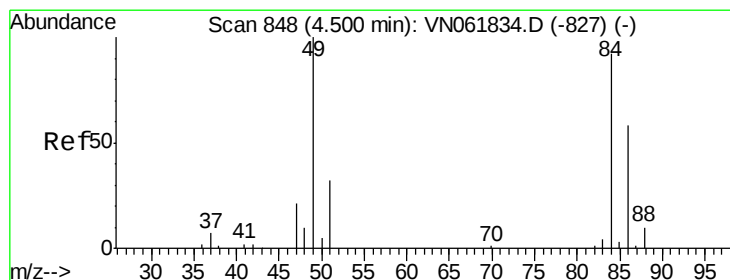
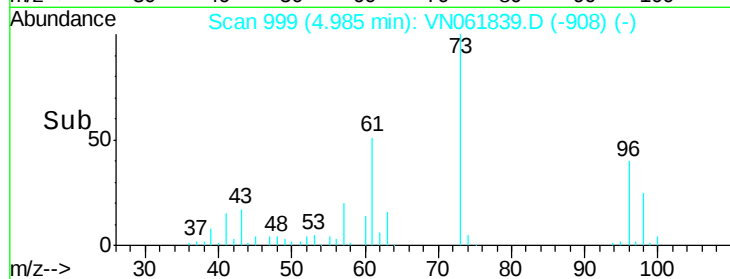
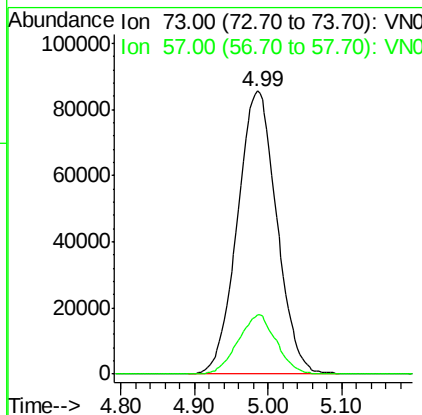
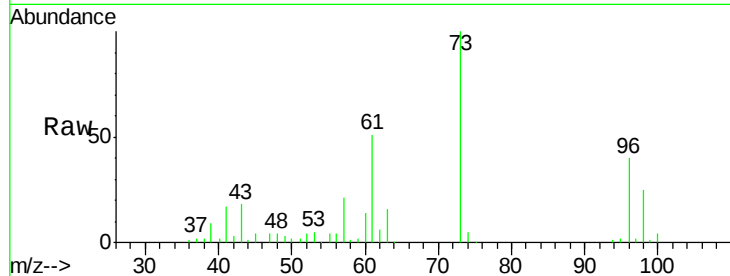
#19
Methvl tert-butvl Ether
Concen: 52.769 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 318012
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4

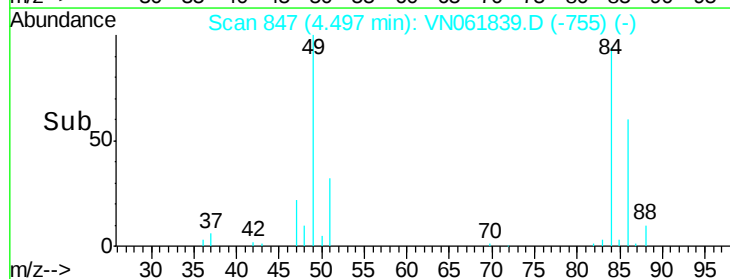
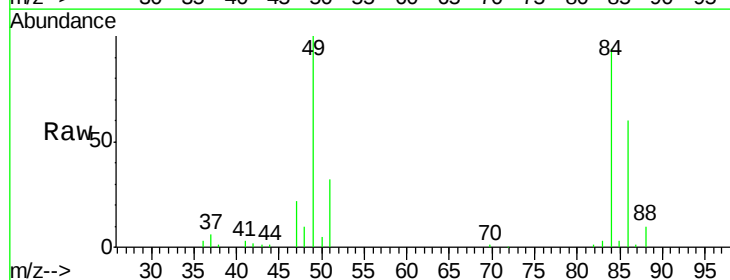
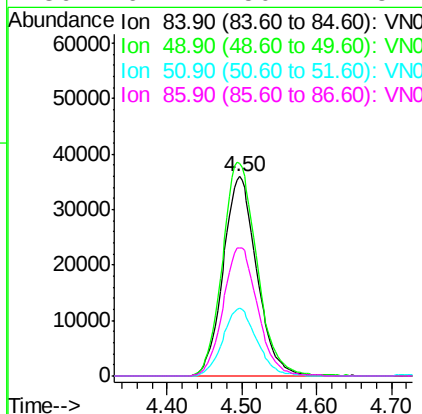
Manual Integrations
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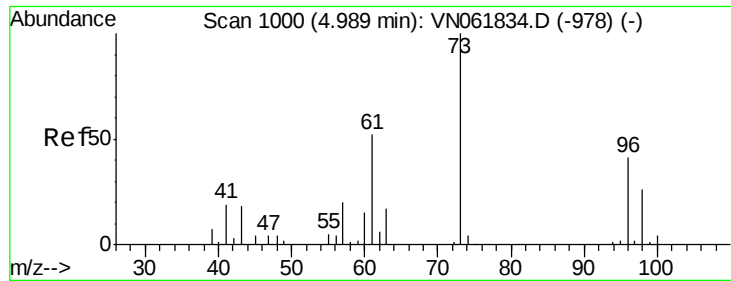
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6/18/2020 9:38:04 AM



#20
Methylene Chloride
Concen: 48.670 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 84 Resp: 111901
Ion Ratio Lower Upper
84 100
49 106.7 87.0 130.4
51 33.8 27.8 41.6
86 64.2 50.2 75.2





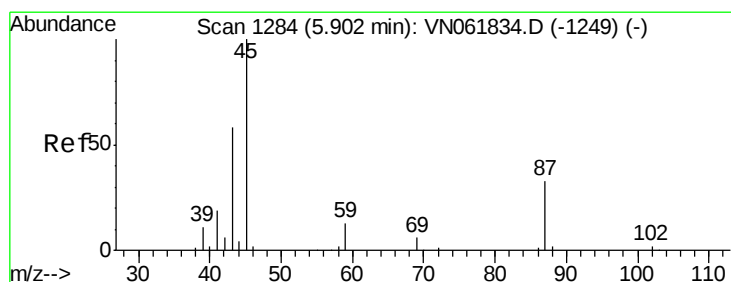
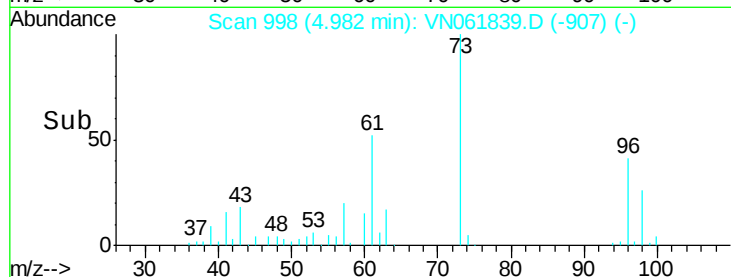
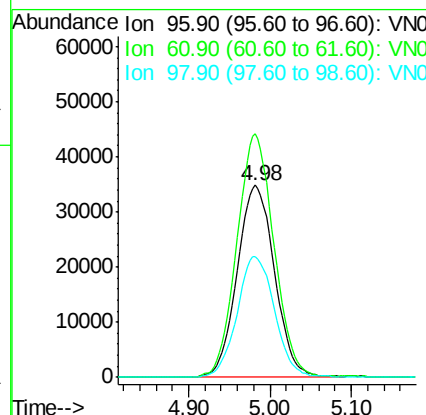
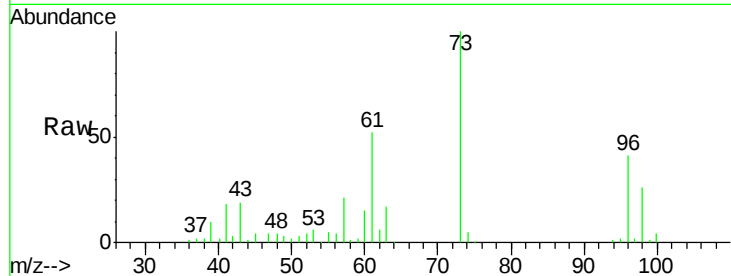
#21
trans-1,2-Dichloroethene
Concen: 53.389 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	102.2	153.4
98	62.9	51.2	76.8

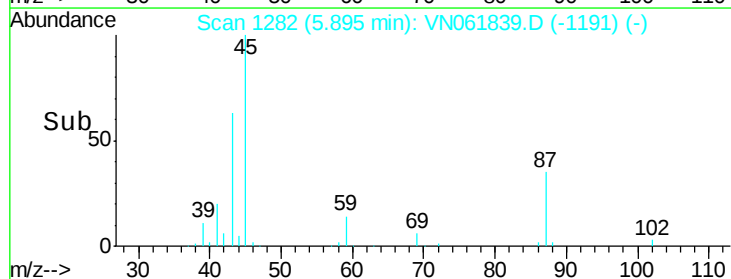
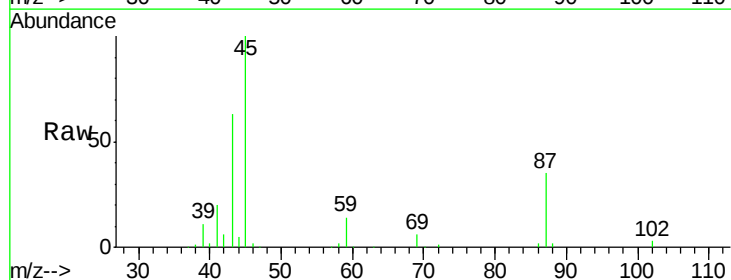
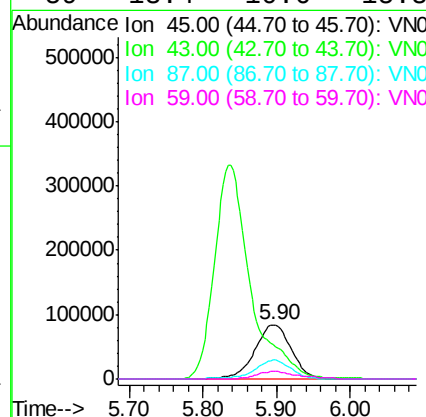
Manual Integrations
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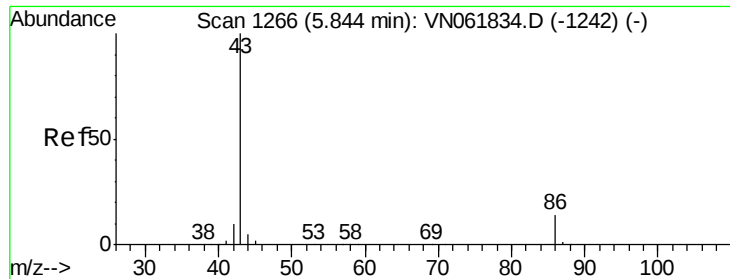
MMDadoda
6/18/2020 9:38:04 AM



#22
Diisopropyl ether
Concen: 52.861 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.5	49.4	74.2
87	34.7	27.4	41.0
59	13.4	10.6	15.8





#23

Vinyl Acetate

Concen: 262.188 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1132946

Ion Ratio Lower Upper

43 100

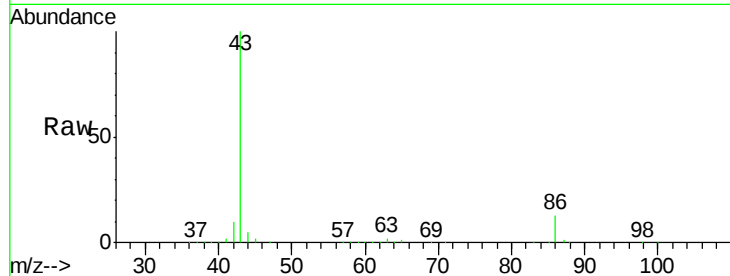
86 13.3 10.9 16.3

Manual Integrations

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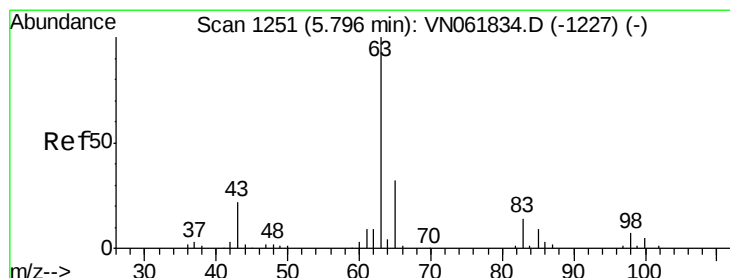
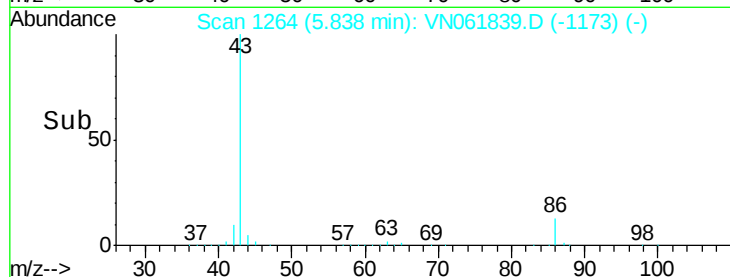
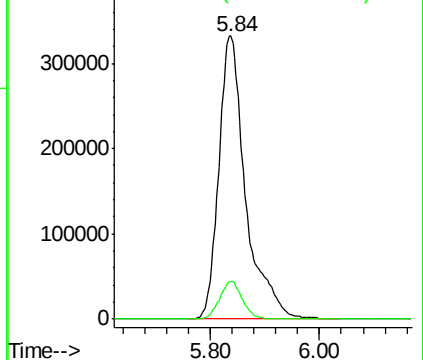
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.474 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

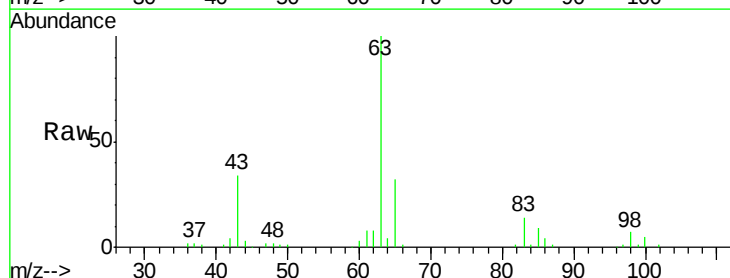
Tgt Ion: 63 Resp: 188724

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

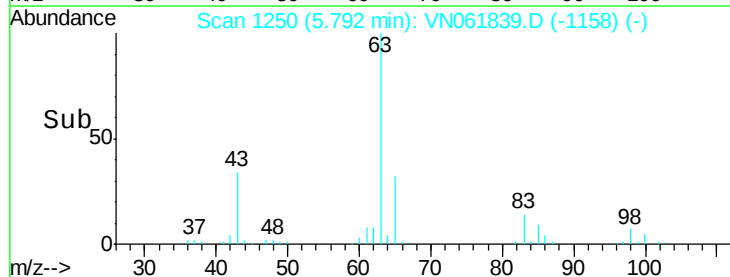
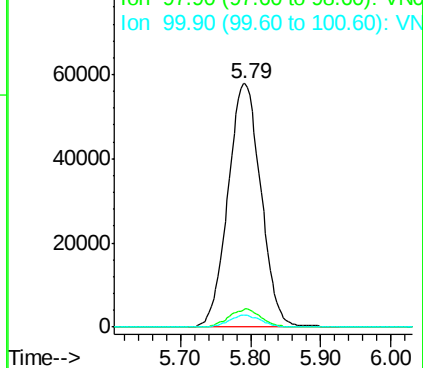
100 4.7 2.5 7.4

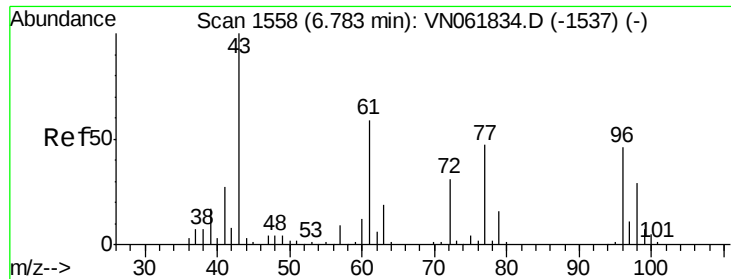


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





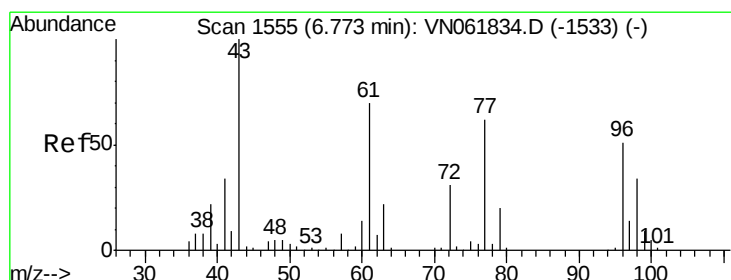
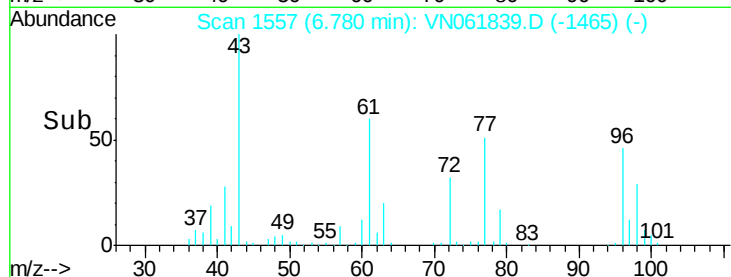
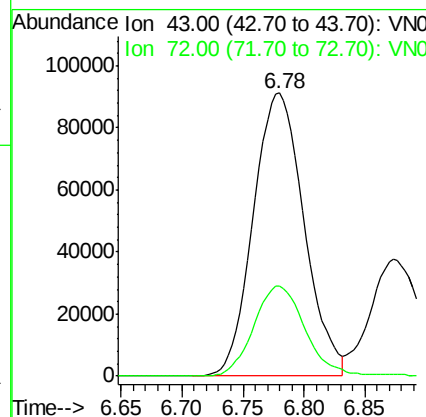
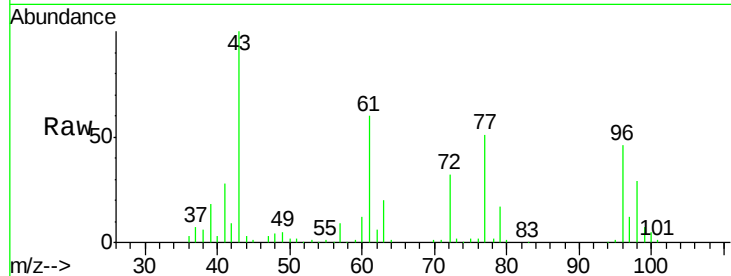
#25
2-Butanone
Concen: 256.006 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 263591
Ion Ratio Lower Upper
43 100
72 31.9 24.6 37.0

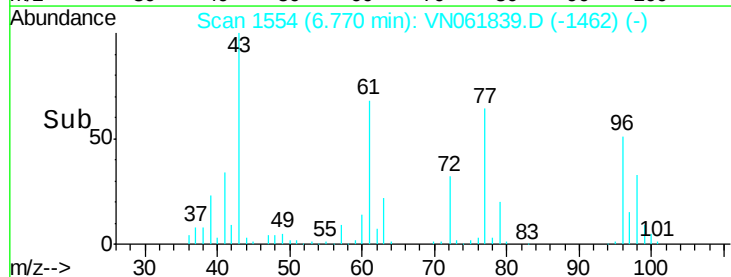
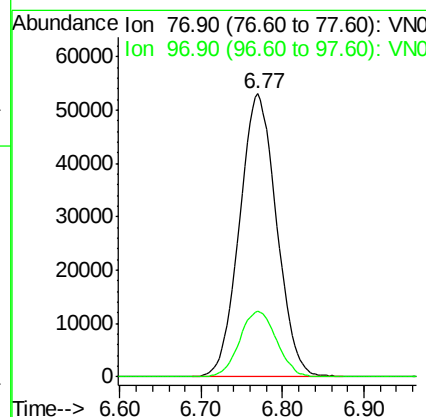
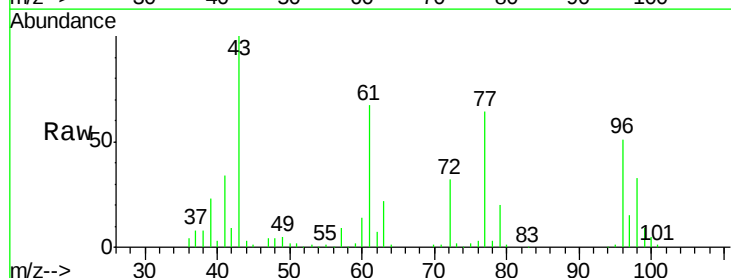
Manual Integrations
APPROVED

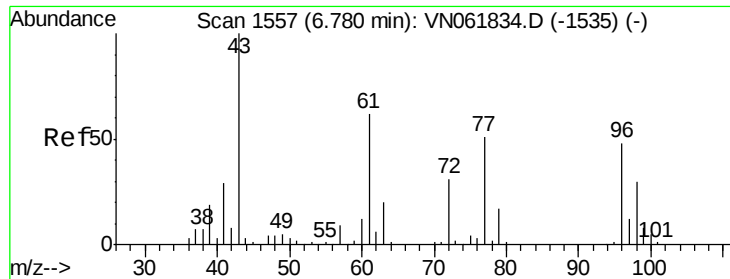
MMDadoda
6/18/2020 9:38:04 AM



#26
2,2-Dichloropropane
Concen: 55.128 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 77 Resp: 166808
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





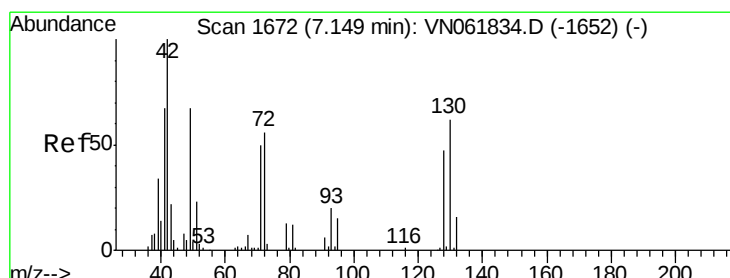
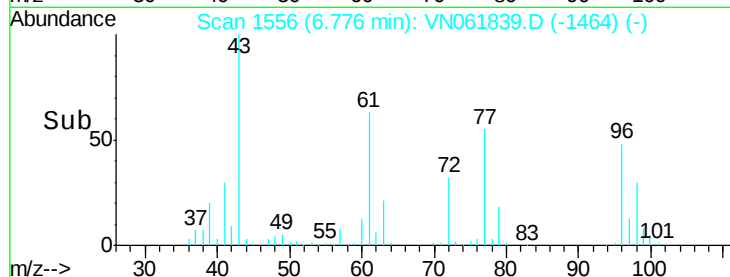
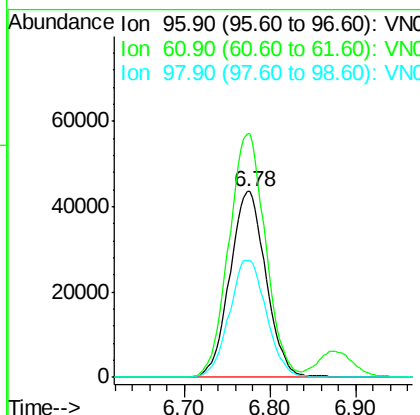
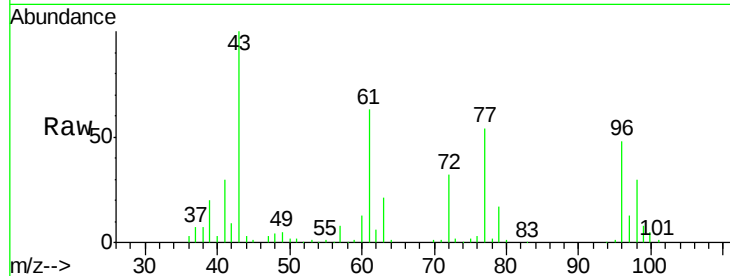
#27
 cis-1,2-Dichloroethene
 Concen: 53.050 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127259		
61	132.5	0.0	265.6	
98	64.4	0.0	128.2	

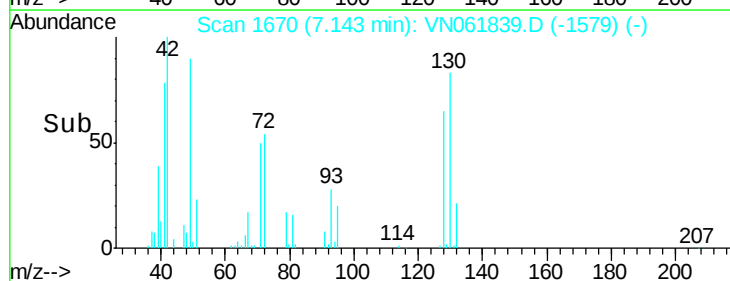
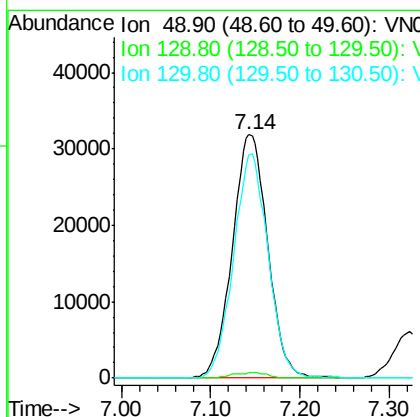
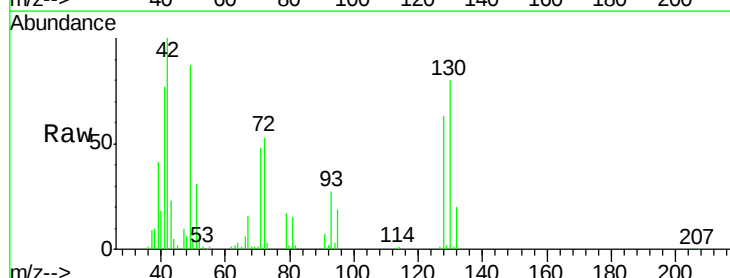
Manual Integrations
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#28
 Bromochloromethane
 Concen: 54.638 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87494		
129	2.1	0.0	4.0	
130	90.0	72.2	108.2	





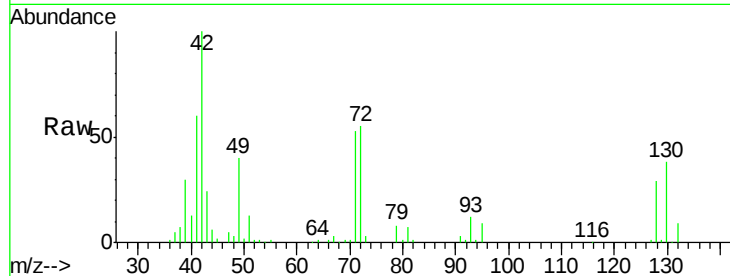
#29
Tetrahydrofuran
Concen: 237.644 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

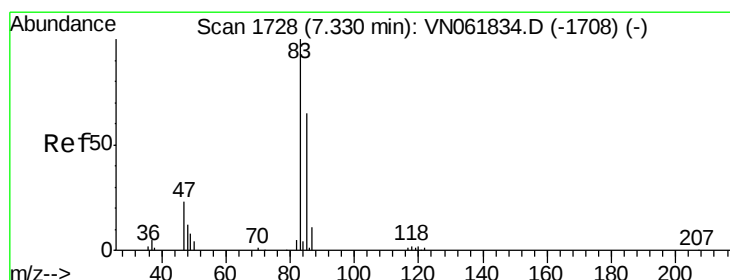
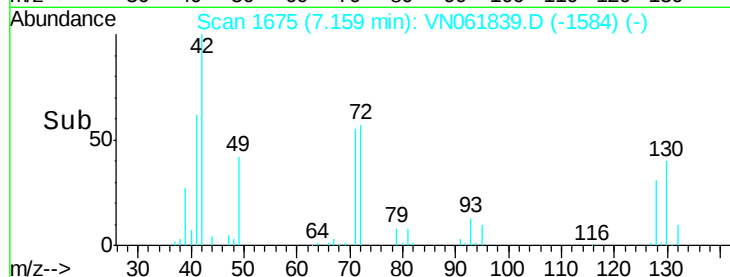
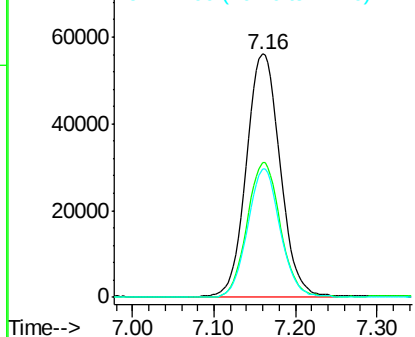
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.2	44.0	66.0
71	50.8	40.0	60.0

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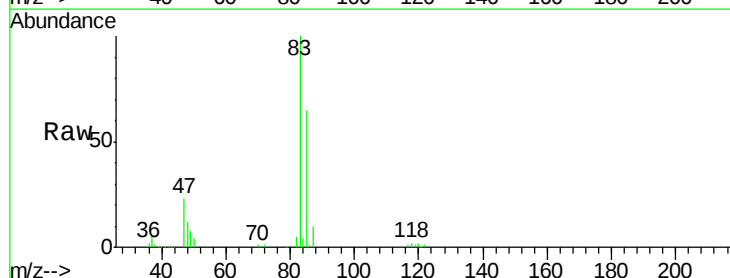


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

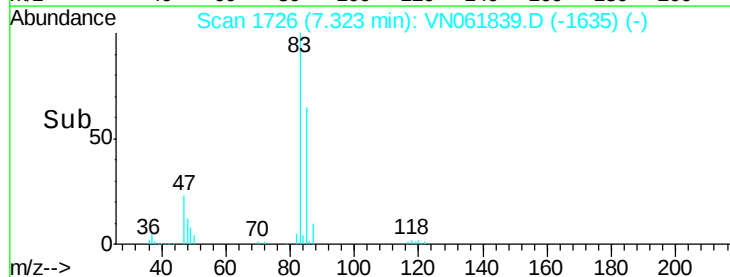
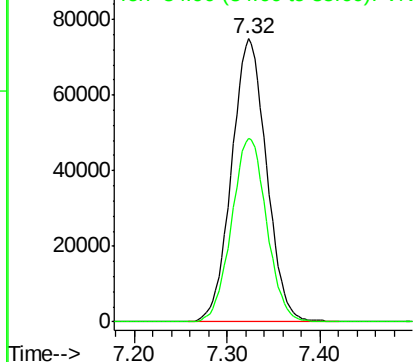


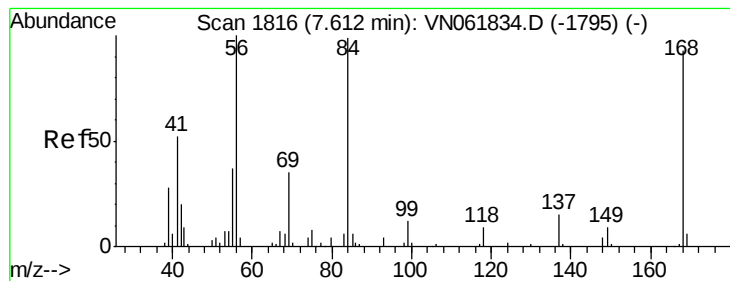
#30
Chloroform
Concen: 50.883 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 51.812 ug/l

RT: 7.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

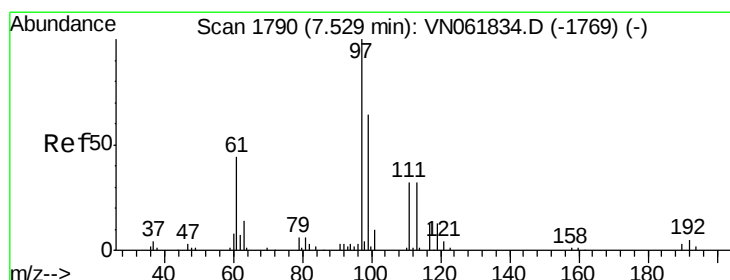
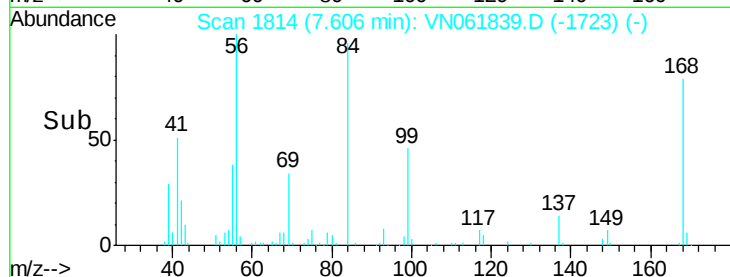
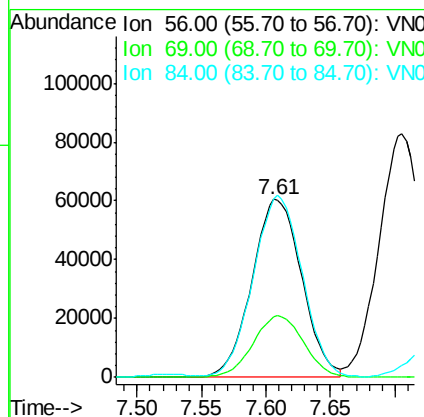
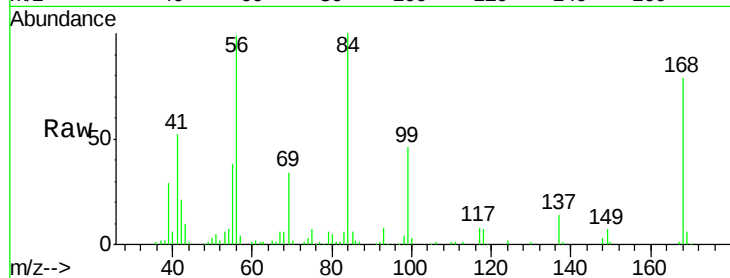
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	163125
Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.7	41.5
84	99.5	79.1	118.7

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#32

1,1,1-Trichloroethane

Concen: 52.462 ug/l

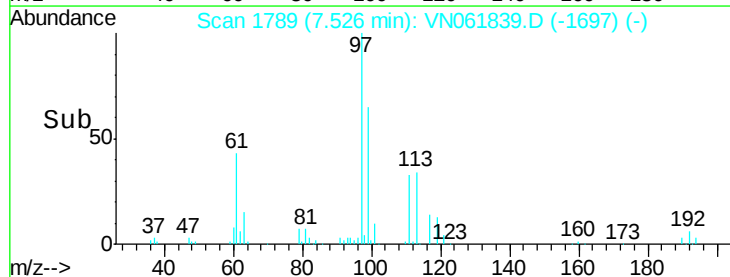
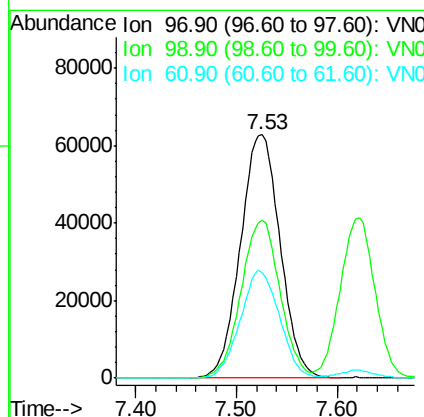
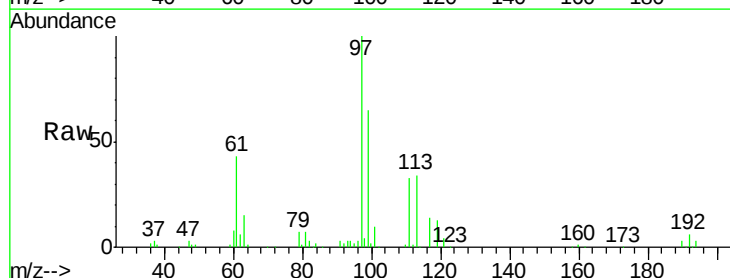
RT: 7.53 min Scan# 1789

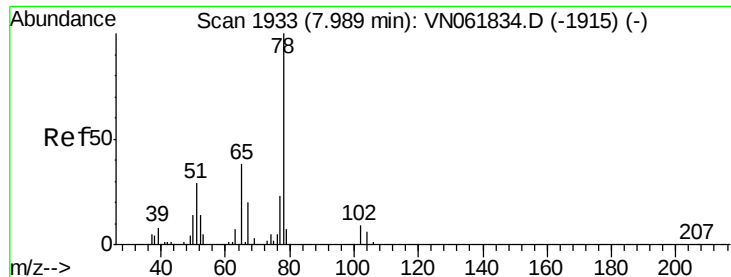
Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Tgt Ion:	97	Resp:	171733
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.5	77.3
61	43.6	35.1	52.7





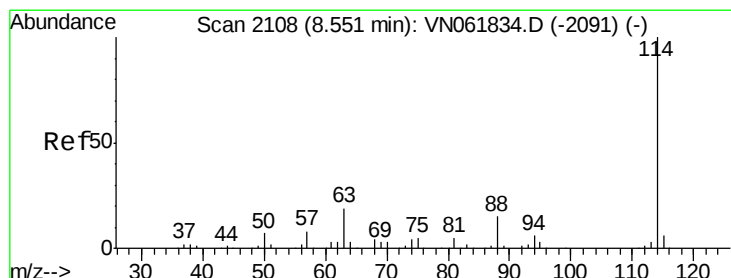
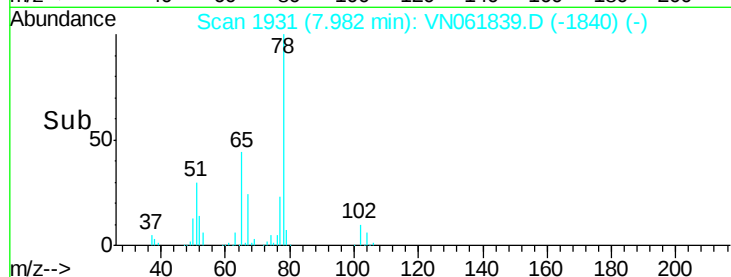
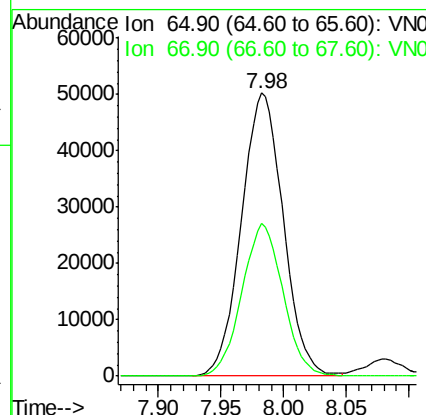
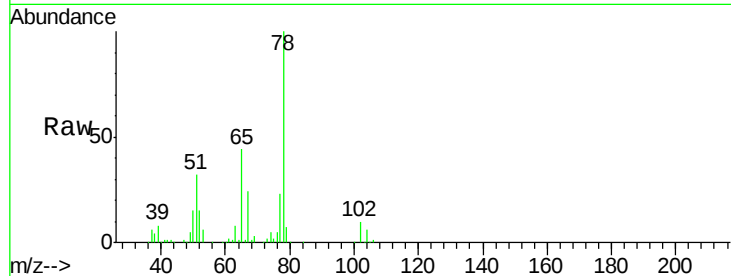
#33
 1,2-Dichloroethane-d4
 Concen: 48.808 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	106.2	

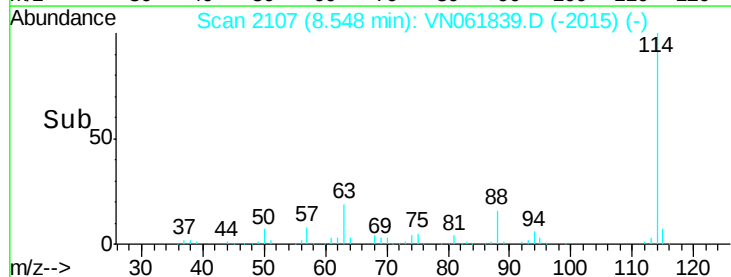
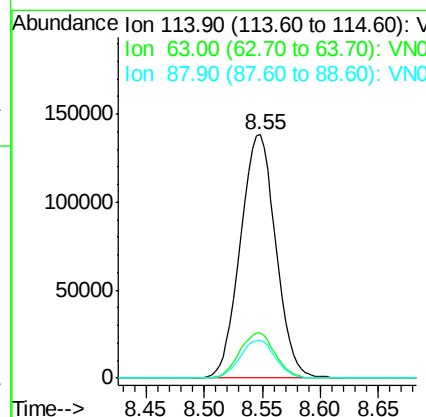
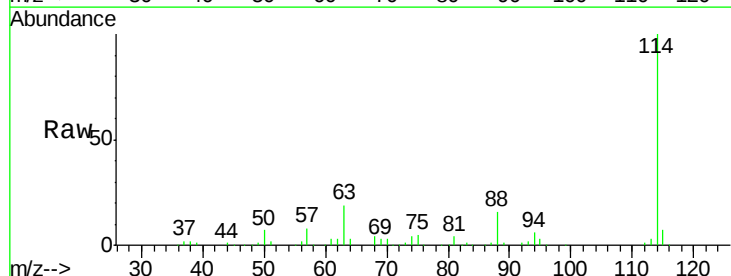
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.7	0.0	37.6	
88	15.6	0.0	31.0	





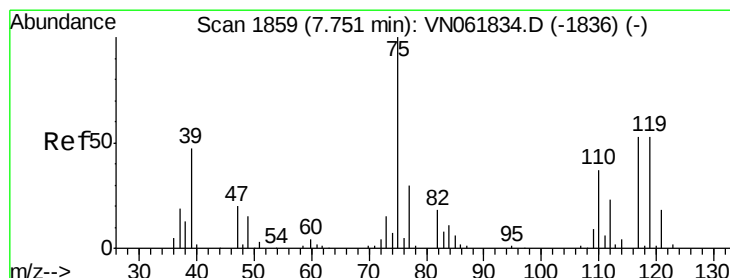
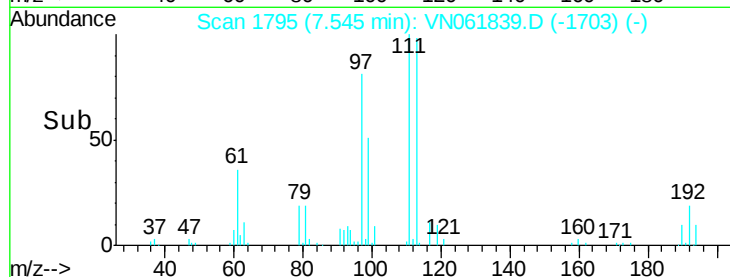
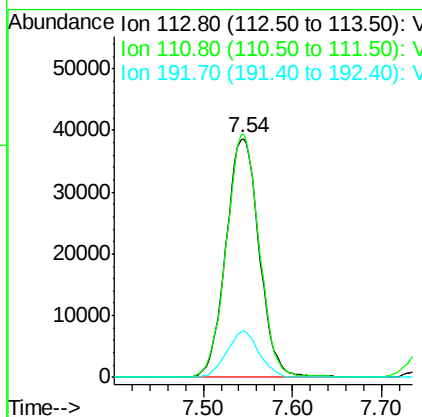
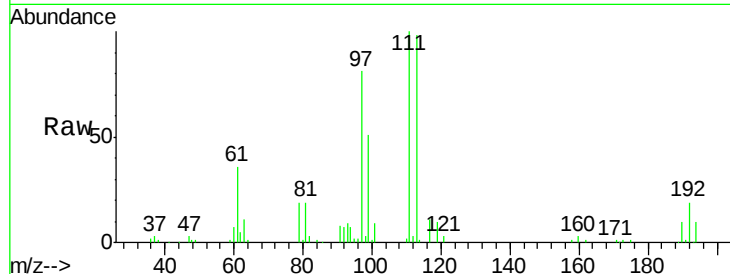
#35
Dibromofluoromethane
Concen: 53.017 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.8	83.7	125.5
192	18.7	13.9	20.9

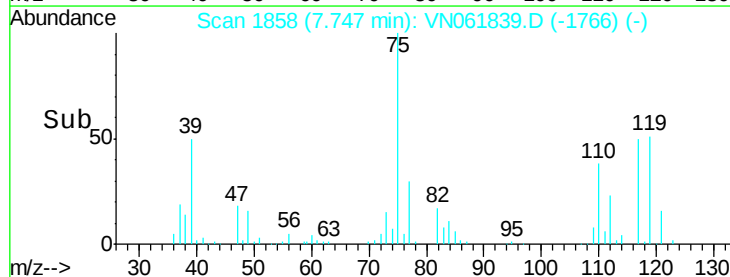
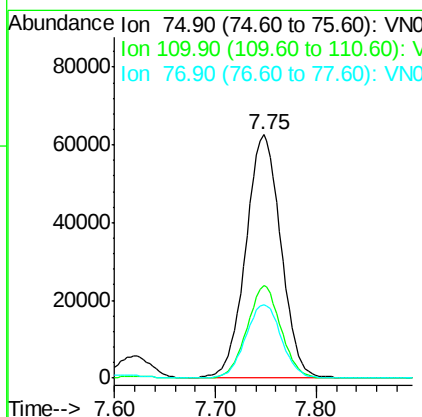
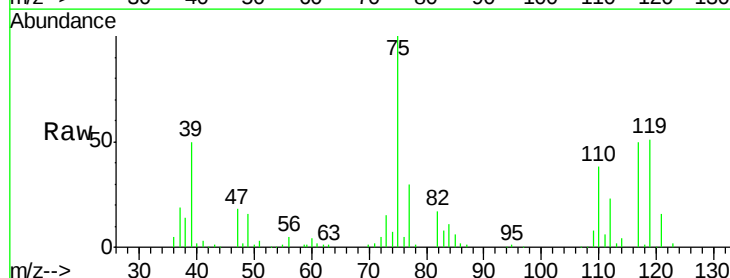
Manual Integrations
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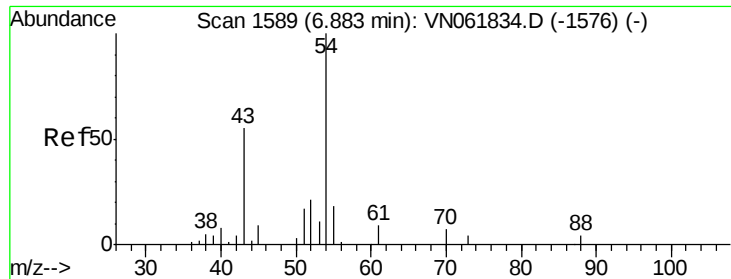
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#36
1,1-Dichloropropene
Concen: 56.200 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.2	54.6
77	30.9	24.2	36.4





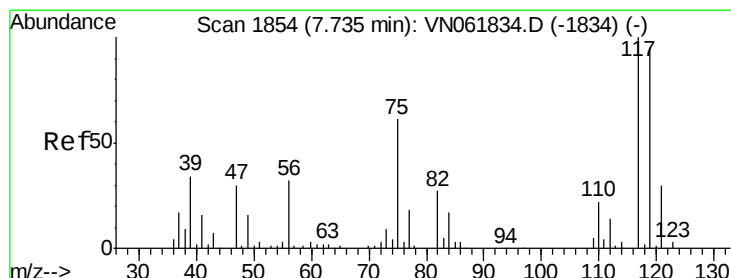
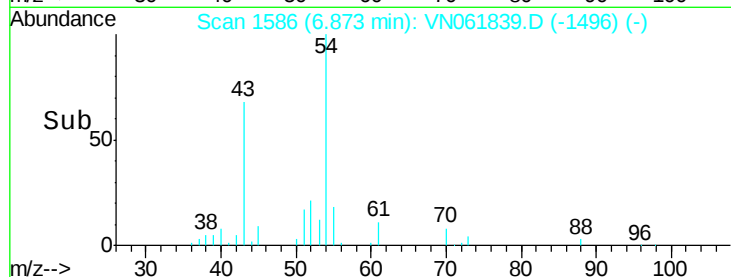
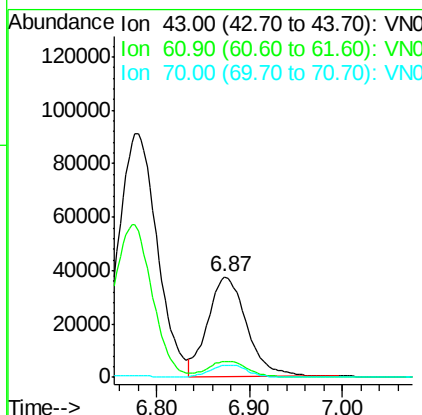
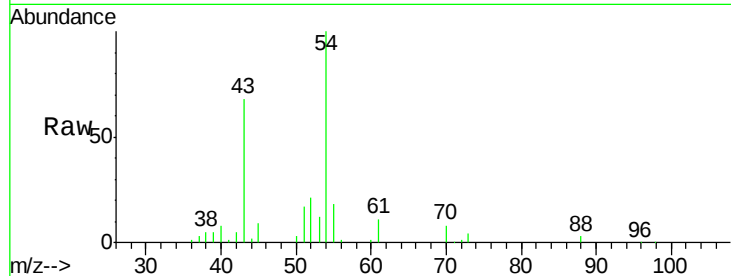
#37
Ethyl Acetate
Concen: 51.919 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	61	70
Resp	108979		
Ratio	100	16.7	11.8
Lower		13.0	9.4
Upper		19.4	14.2

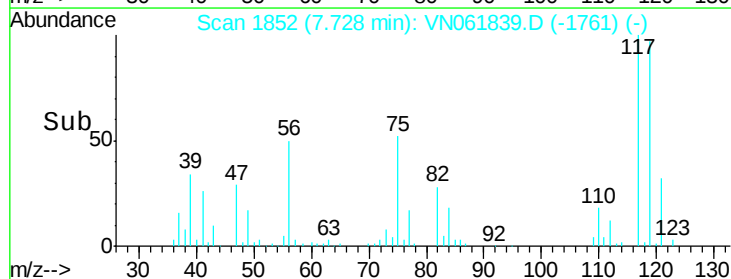
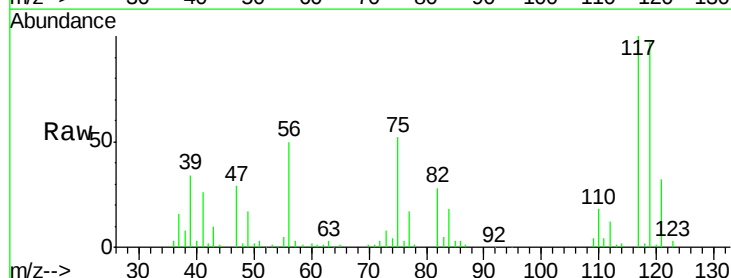
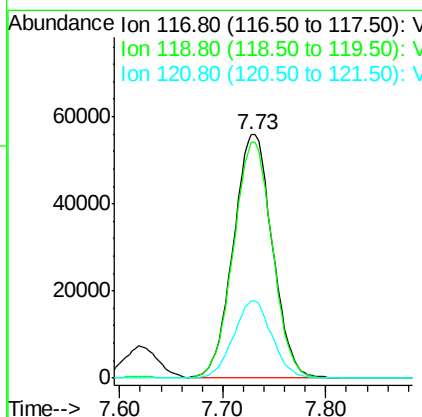
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#38
Carbon Tetrachloride
Concen: 55.349 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	117	119	121
Resp	147331		
Ratio	100	96.7	31.7
Lower		75.8	23.8
Upper		113.6	35.6





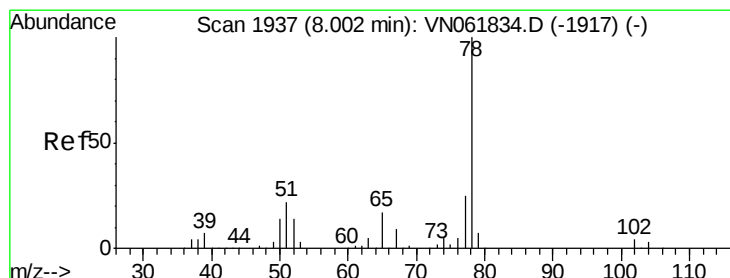
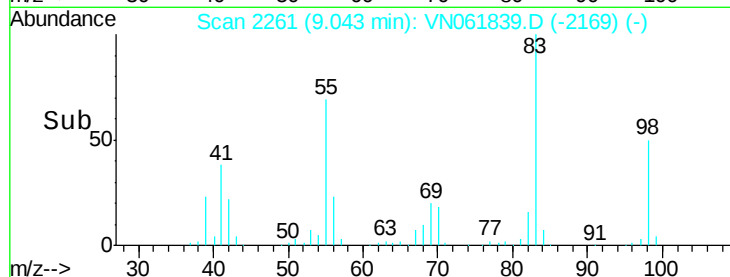
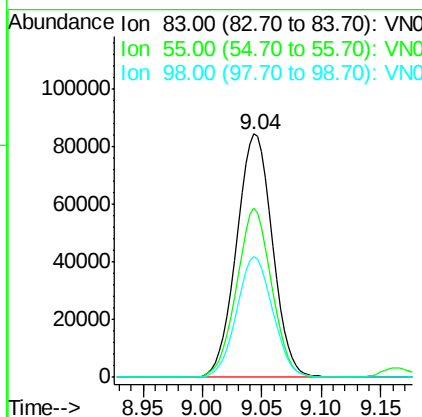
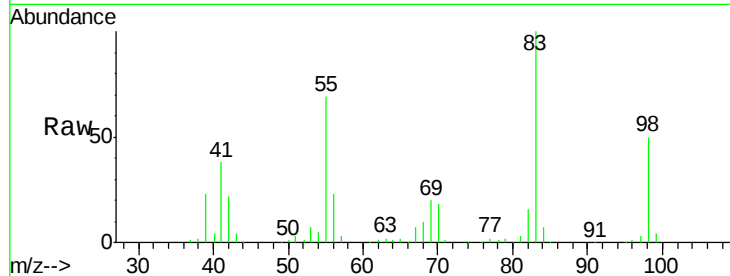
#39
Methvlcvclohexane
Concen: 61.296 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	177413
Ion Ratio	Lower	Upper	
83	100		
55	69.5	54.2	81.4
98	49.5	39.8	59.6

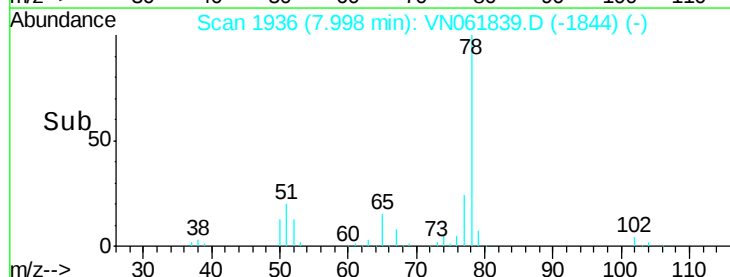
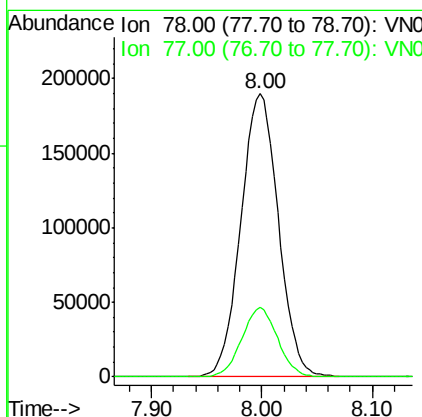
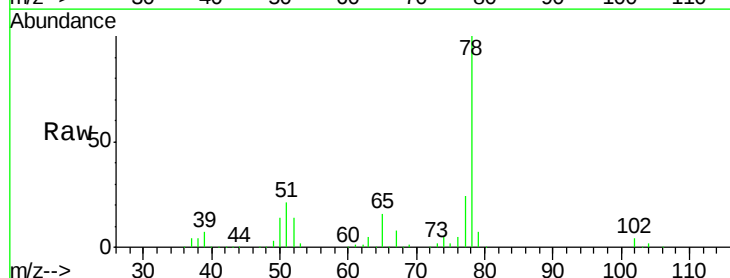
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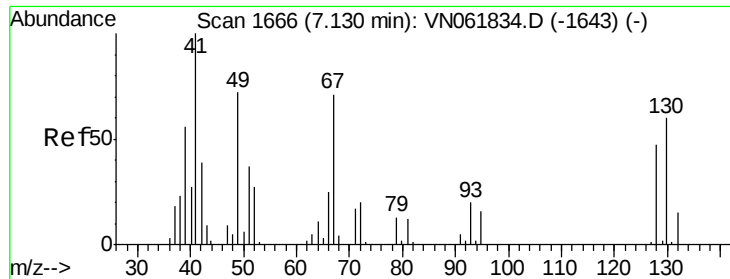
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#40
Benzene
Concen: 54.932 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	78	Resp	447283
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.7	29.5





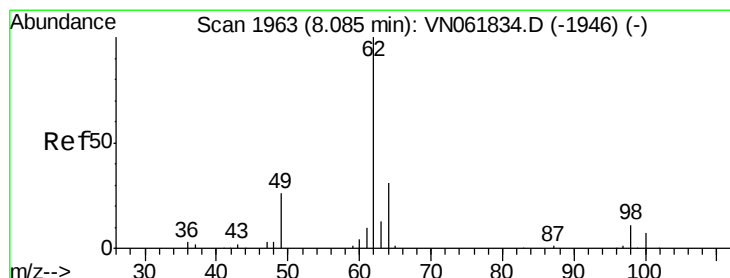
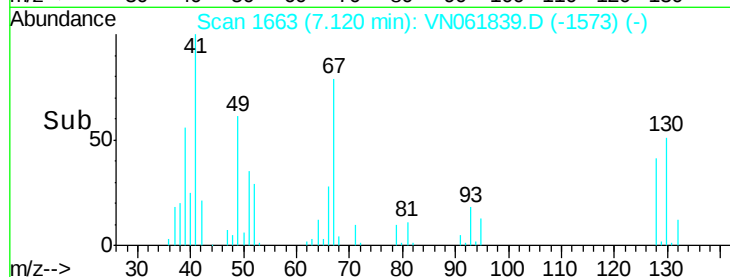
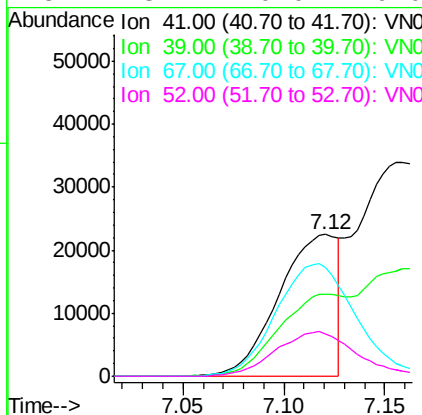
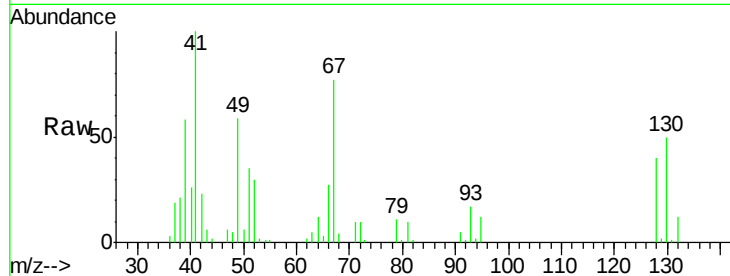
#41
Methacrylonitrile
Concen: 50.928 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		45712		
39	68.8	0.0	0.0#		
67	108.3	0.0	0.0#		
52	43.1	0.0	0.0#		

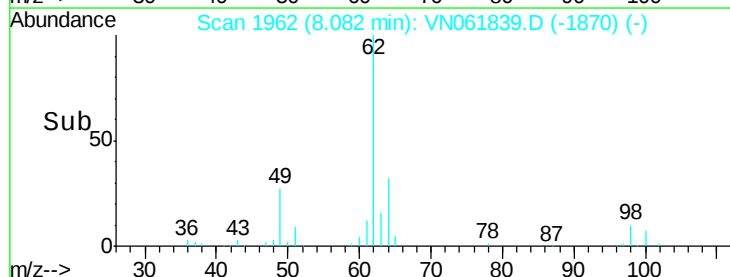
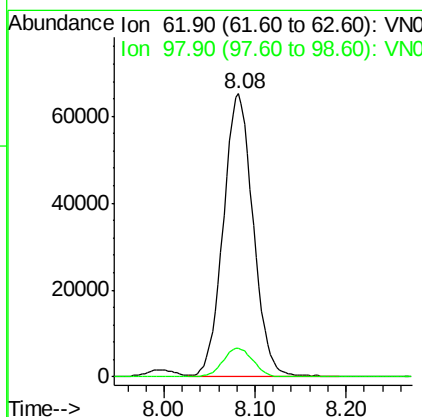
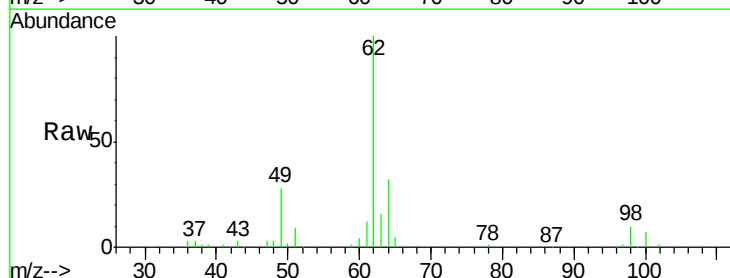
Manual Integrations
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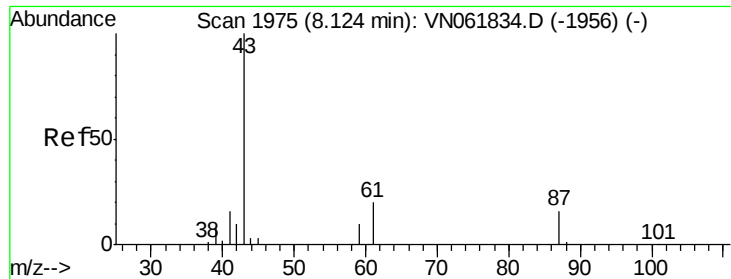
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#42
1,2-Dichloroethane
Concen: 53.694 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		149072		
98	10.2	0.0	20.4		





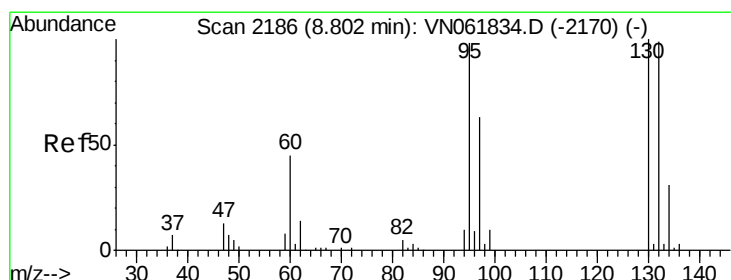
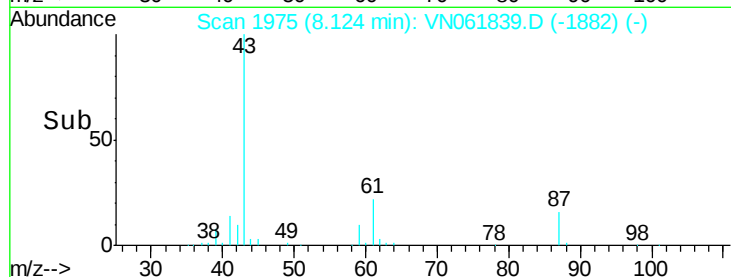
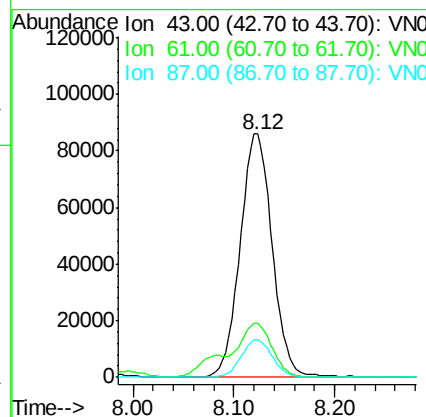
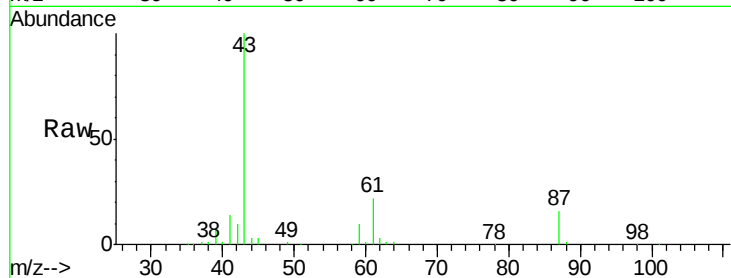
#43
Isopropyl Acetate
Concen: 53.473 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	24.0	36.0#
87	15.2	12.5	18.7

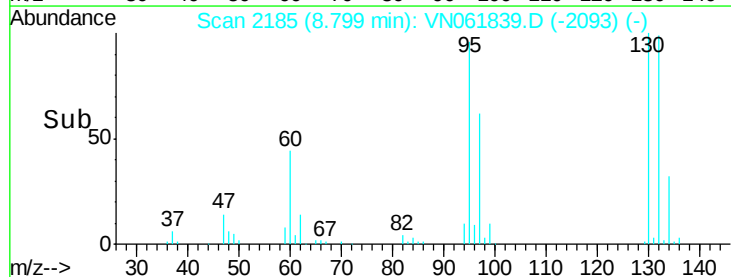
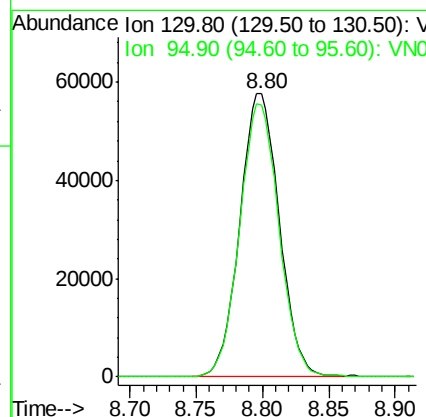
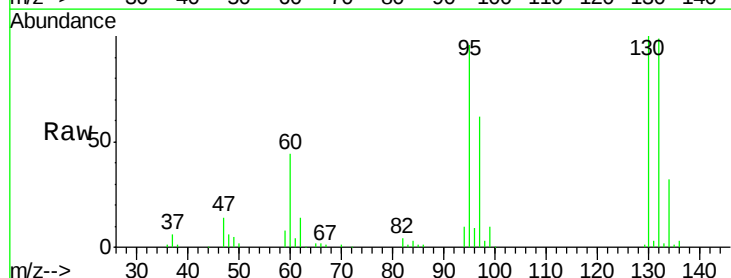
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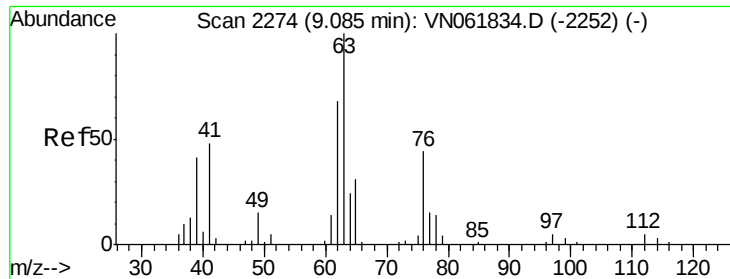
MMDadoda
6/18/2020 9:38:04 AM



#44
Trichloroethene
Concen: 55.612 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	195.6





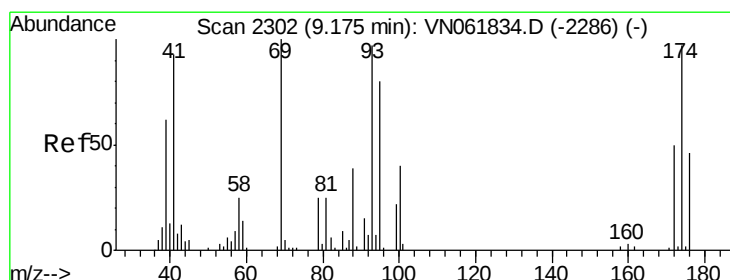
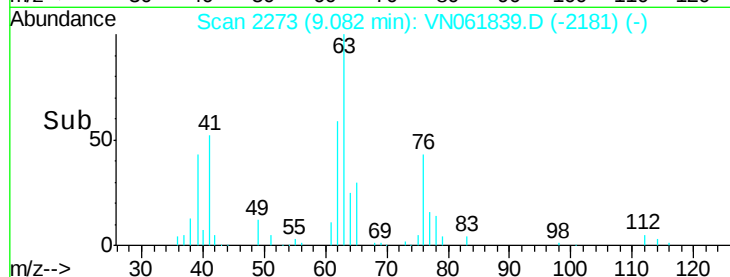
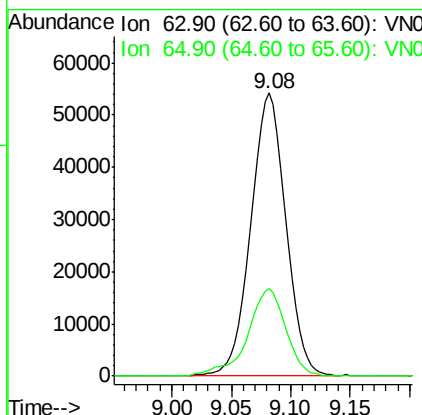
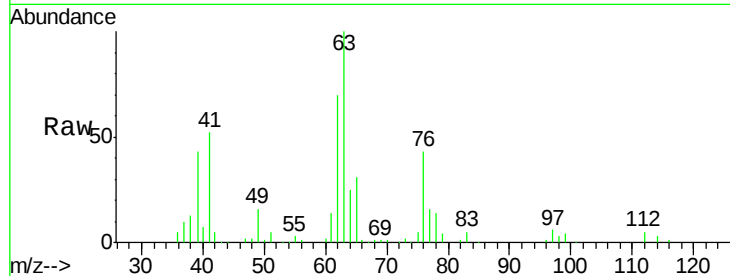
#45
 1,2-Dichloropropane
 Concen: 55.443 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 110942
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7

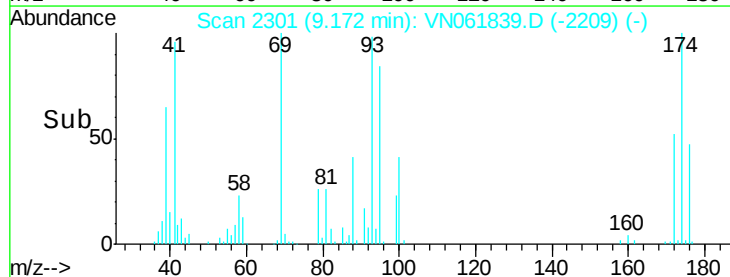
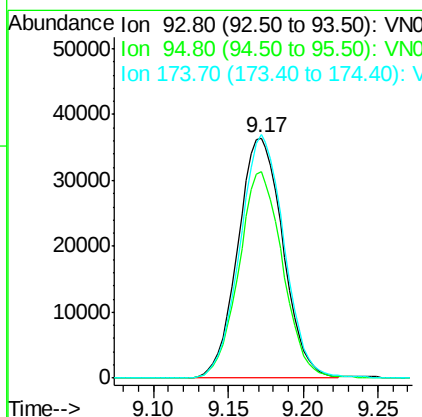
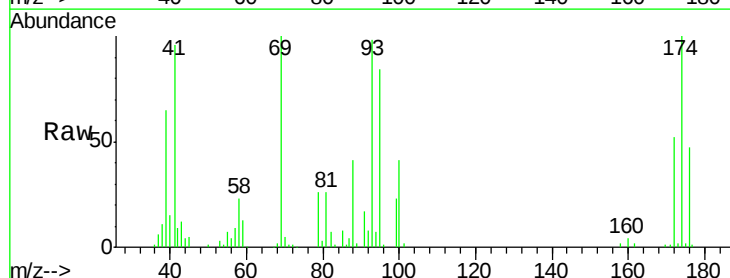
Manual Integrations
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 6/18/2020 9:38:04 AM



#46
 Dibromomethane
 Concen: 54.157 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 93 Resp: 76312
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.6
 174 99.6 78.5 117.7





#47

Bromodichloromethane

Concen: 54.813 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

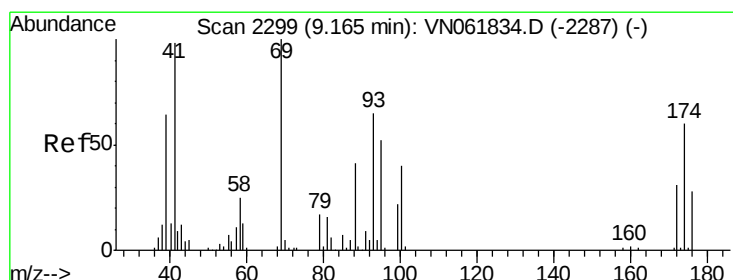
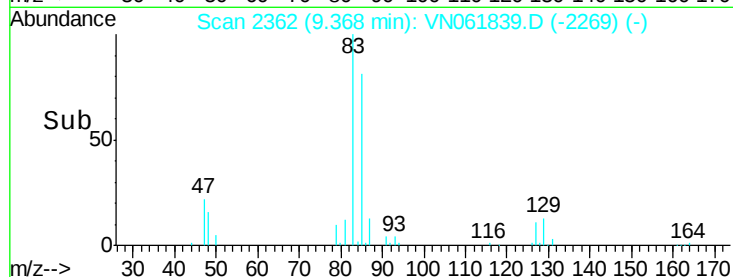
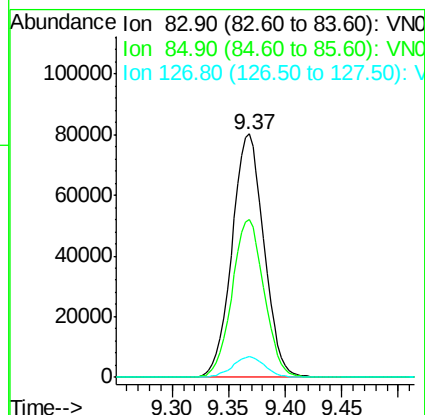
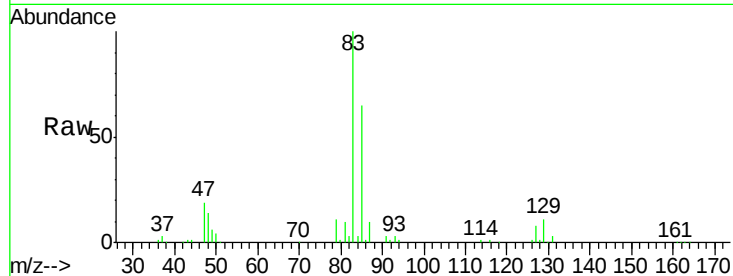
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	158153
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.8	76.2
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.192 ug/l

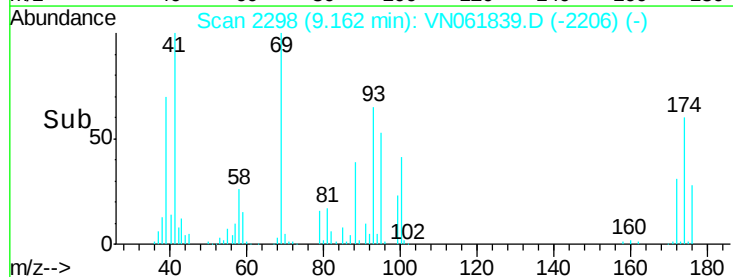
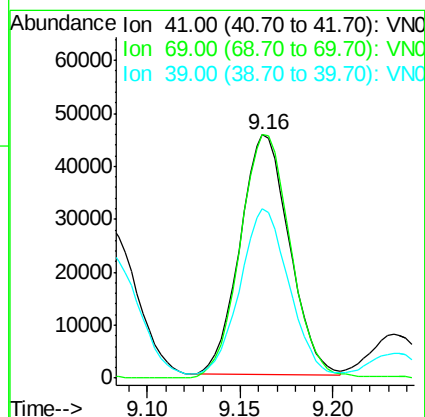
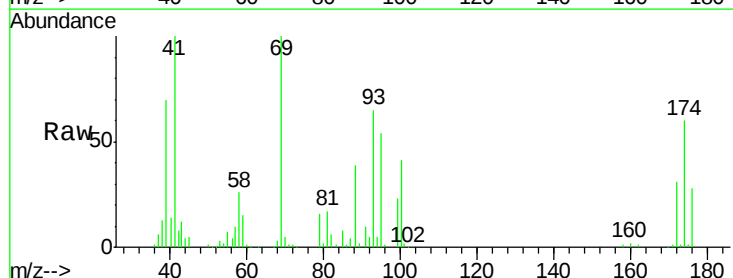
RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Tgt Ion:	41	Resp:	83959
Ion Ratio	Lower	Upper	
41	100		
69	103.9	83.0	124.4
39	70.8	55.1	82.7





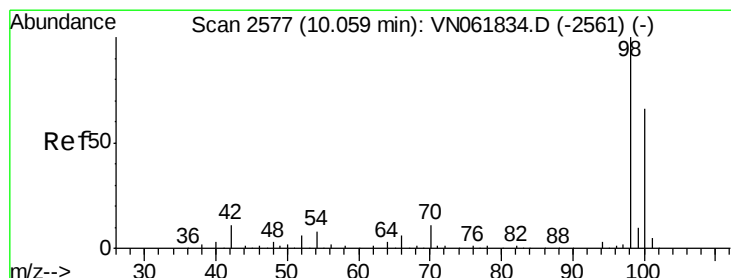
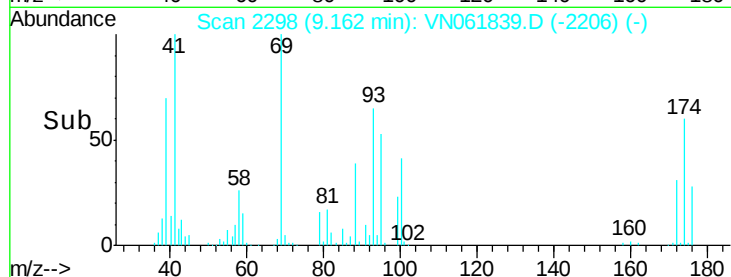
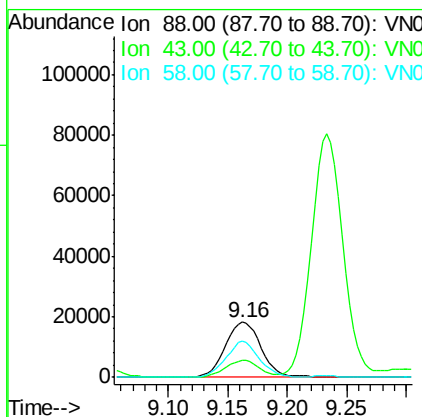
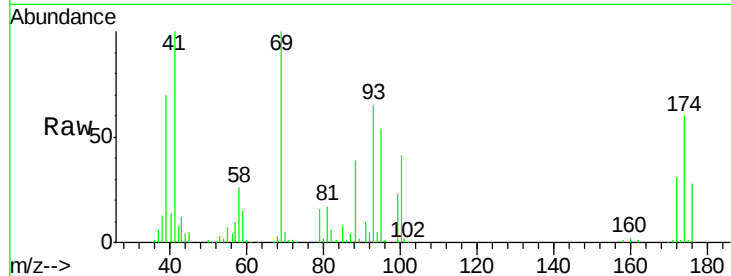
#49
 1,4-Dioxane
 Concen: 1038.092 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	38340
Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.4	35.2
58	60.4	49.8	74.6

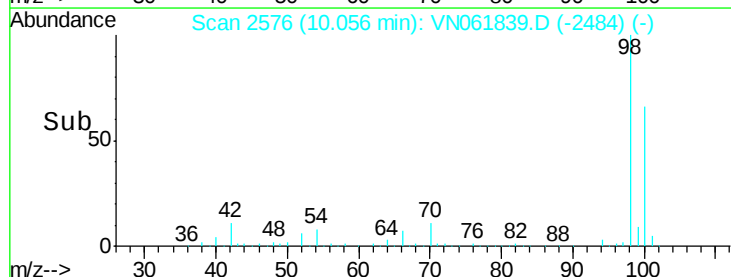
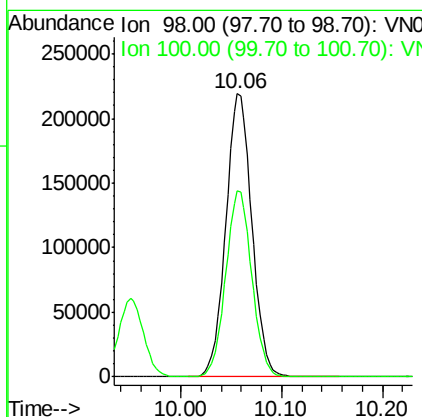
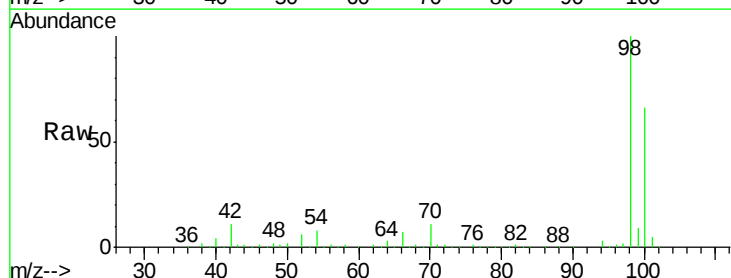
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#50
 Toluene-d8
 Concen: 53.392 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	98	Resp	395738
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 261.370 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 546356

Ion Ratio Lower Upper

43 100

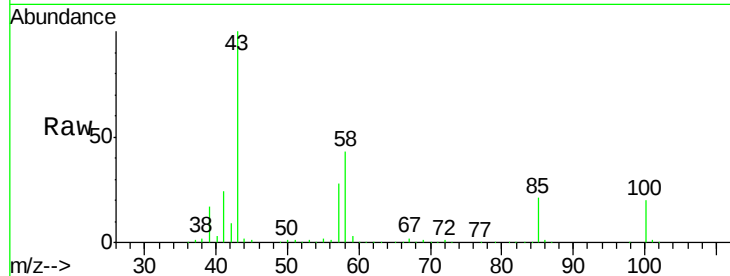
58 42.7 34.6 52.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

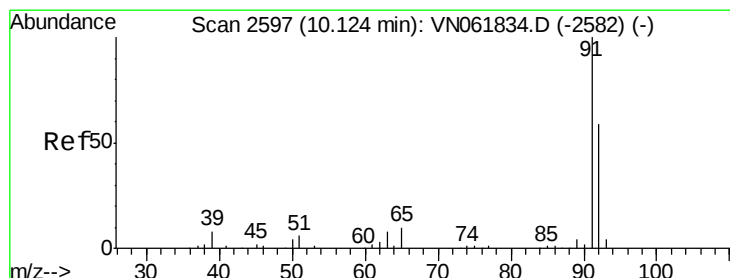
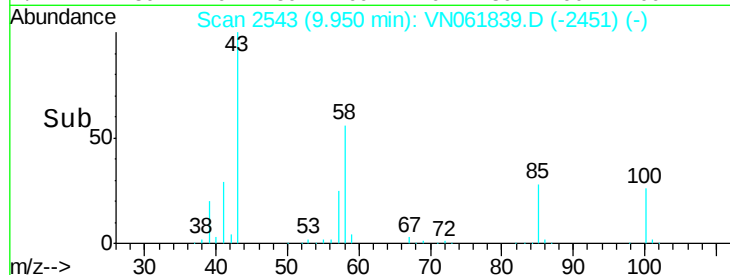
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 57.388 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061839.D

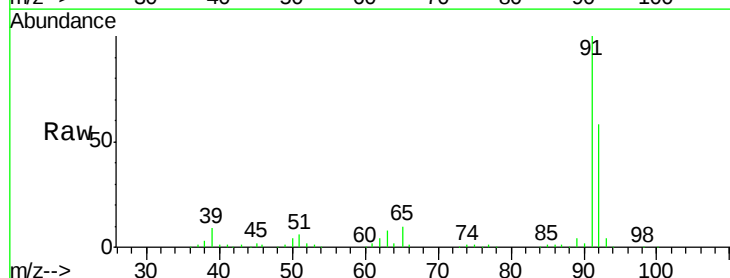
Acq: 17 Jun 2020 11:04

Tgt Ion: 92 Resp: 293467

Ion Ratio Lower Upper

92 100

91 173.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

300000

250000

200000

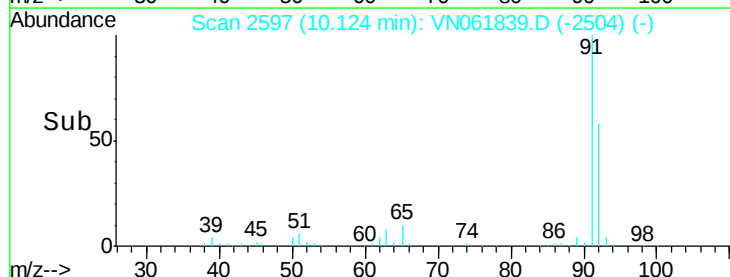
150000

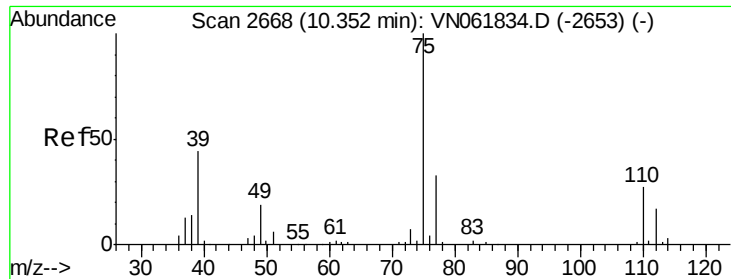
100000

50000

0

Time-->





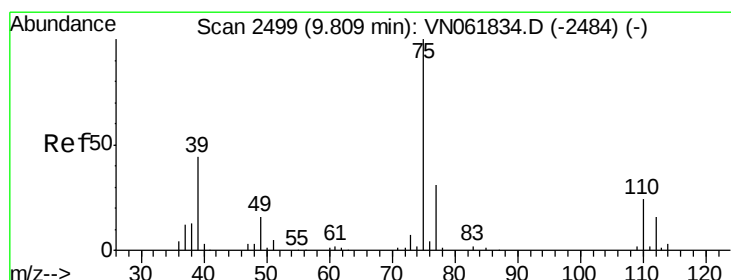
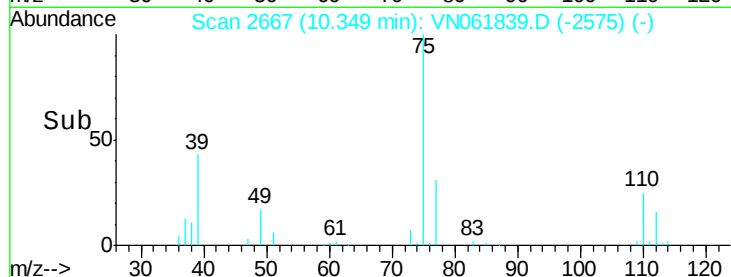
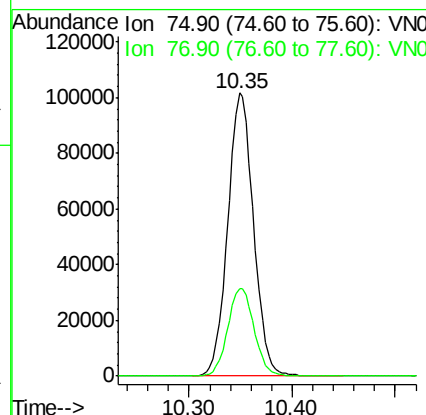
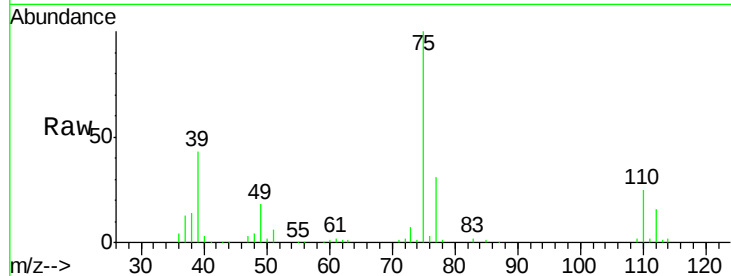
#53
t-1,3-Dichloropropene
Concen: 57.769 ug/l
RT: 10.35 min Scan# 2667
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 176947
Ion Ratio Lower Upper
75 100
77 31.1 26.3 39.5

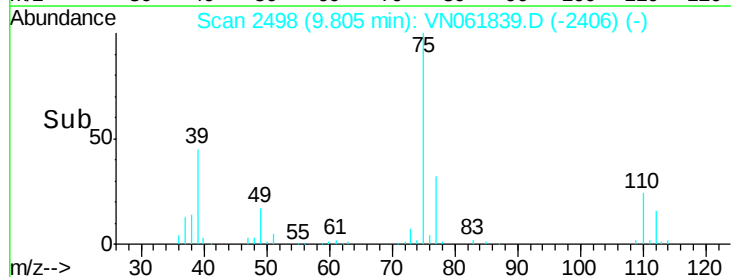
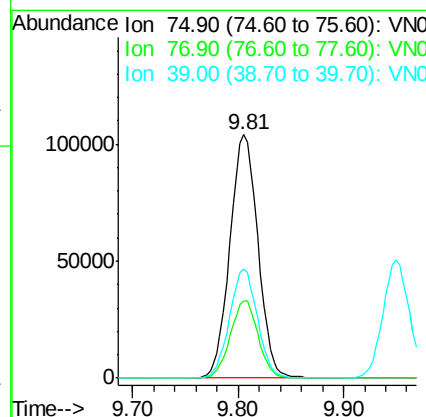
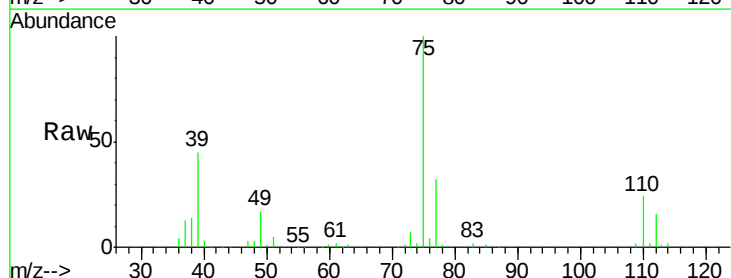
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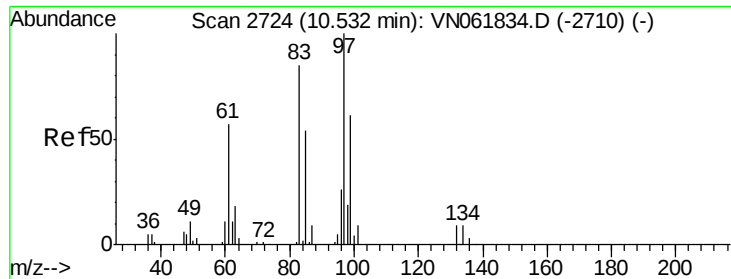
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 57.706 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 75 Resp: 191983
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 44.9 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 55.351 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

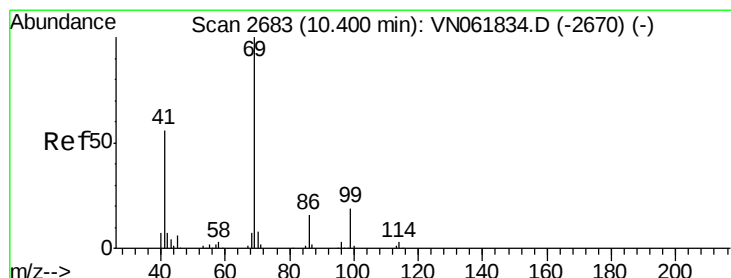
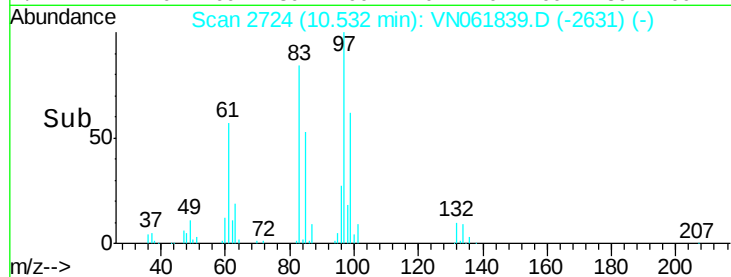
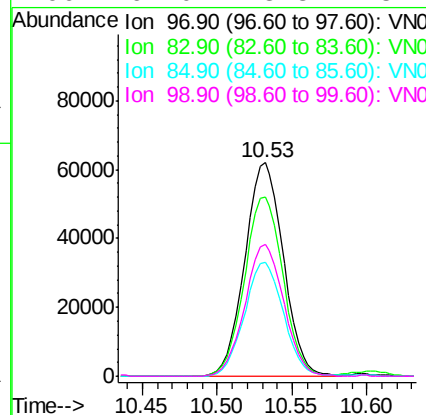
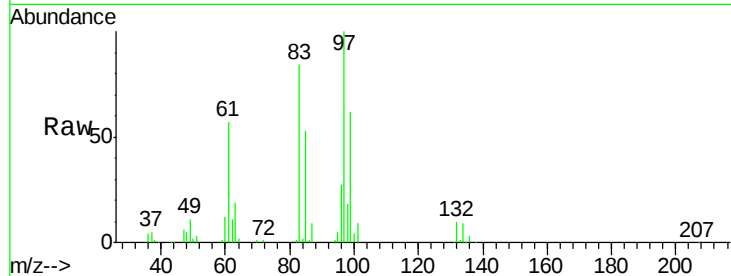
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	111366
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.7	101.5
85	53.3	43.4	65.0
99	62.0	48.8	73.2

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#56

Ethyl methacrylate

Concen: 49.715 ug/l

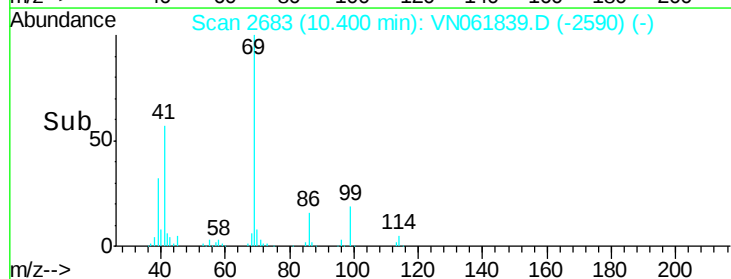
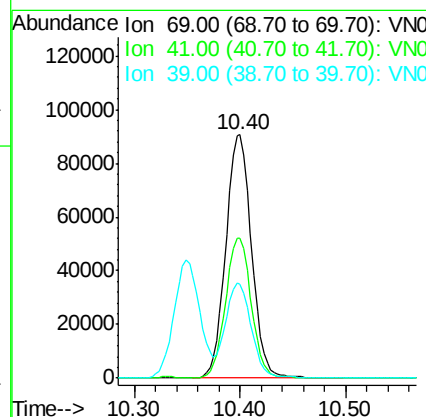
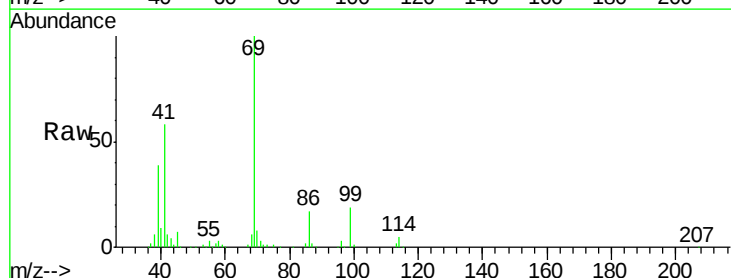
RT: 10.40 min Scan# 2683

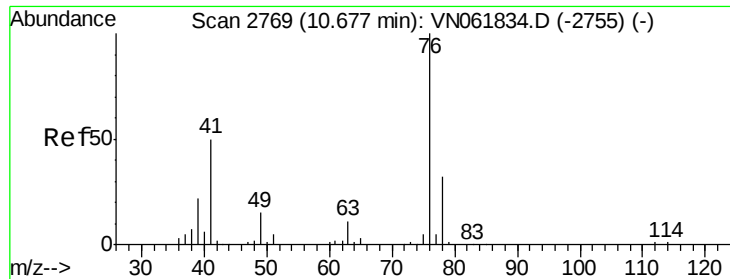
Delta R.T. 0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Tgt Ion:	69	Resp:	152734
Ion	Ratio	Lower	Upper
69	100		
41	57.1	44.9	67.3
39	39.0	30.0	45.0





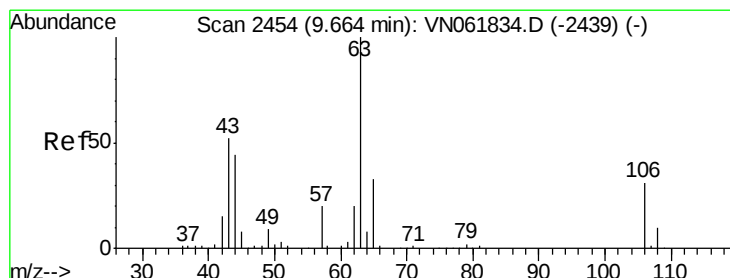
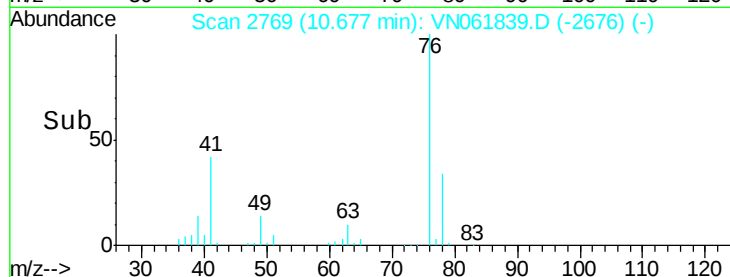
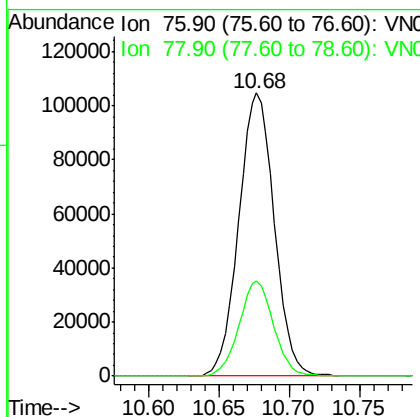
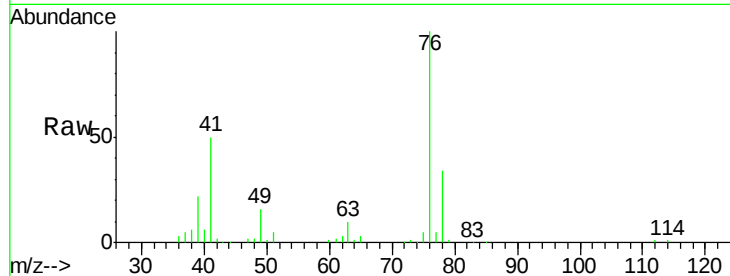
#57
 1,3-Dichloropropane
 Concen: 54.212 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 184785
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8

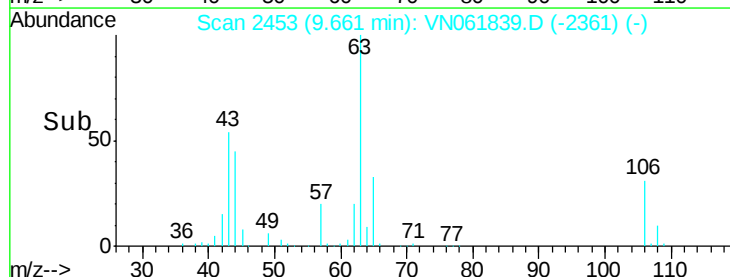
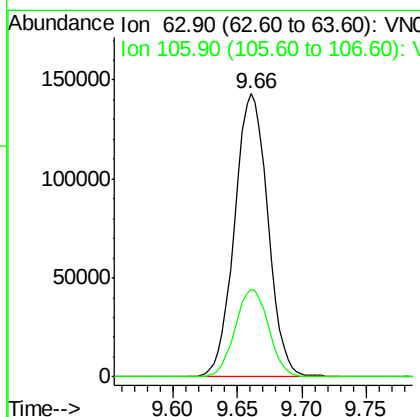
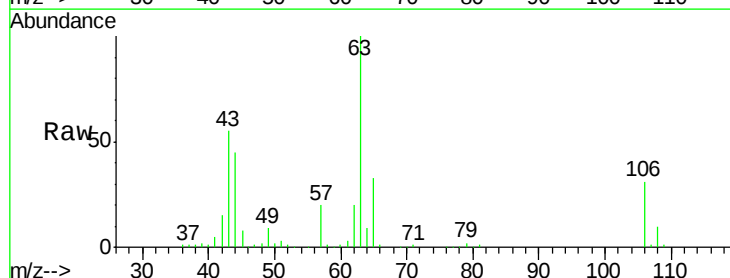
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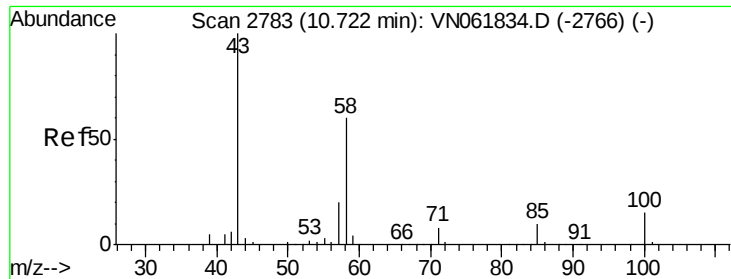
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.195 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 63 Resp: 257176
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.6 36.8





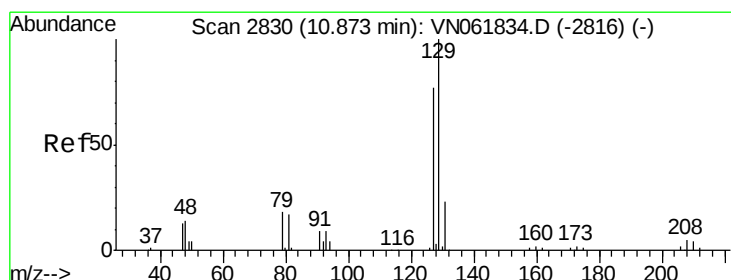
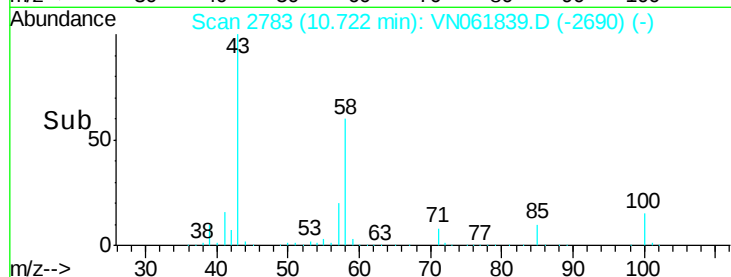
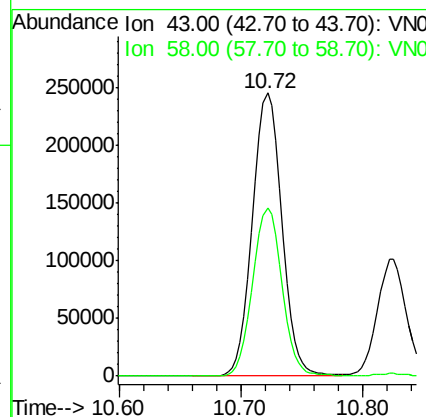
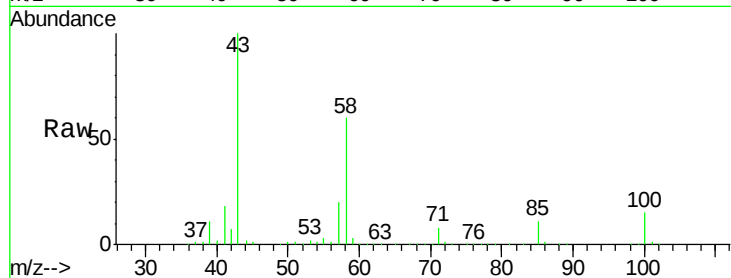
#59
2-Hexanone
Concen: 245.244 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	409111
Ion Ratio	100	Lower	Upper
58	59.3	30.1	90.5

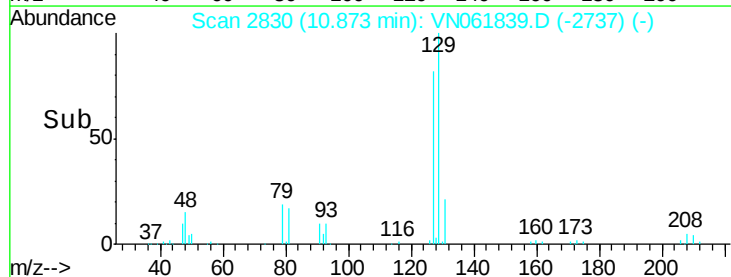
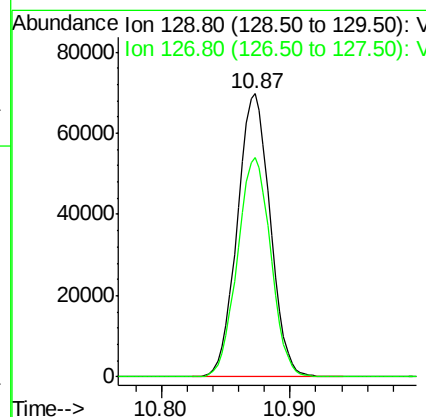
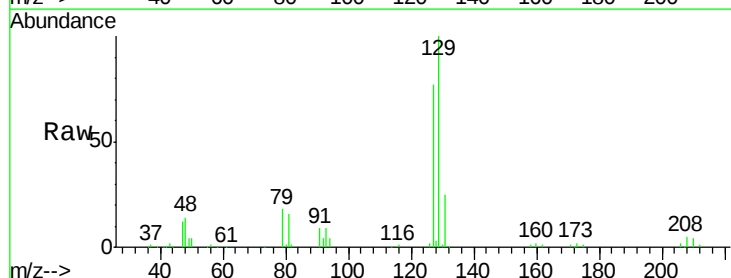
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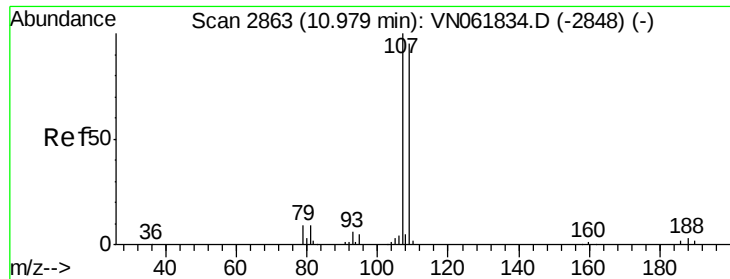
MMDadoda
6/18/2020 9:38:04 AM



#60
Dibromochloromethane
Concen: 55.060 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	129	Resp	123613
Ion Ratio	100	Lower	Upper
127	78.4	38.5	115.5





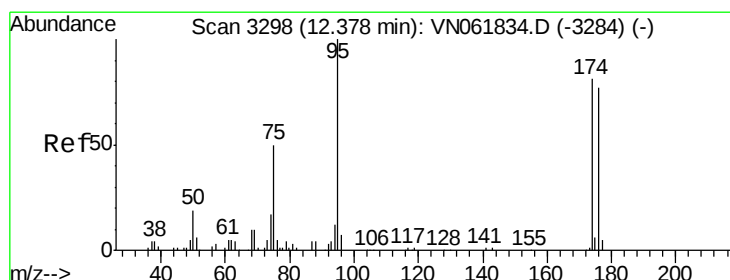
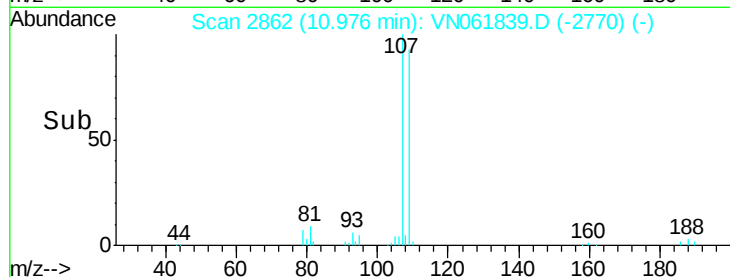
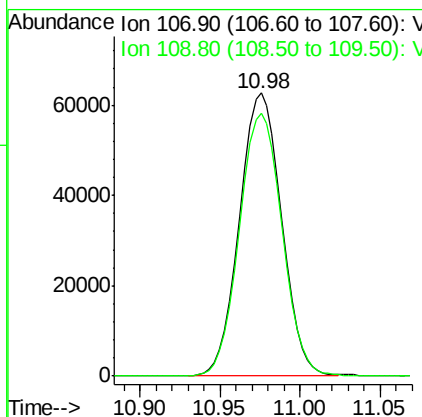
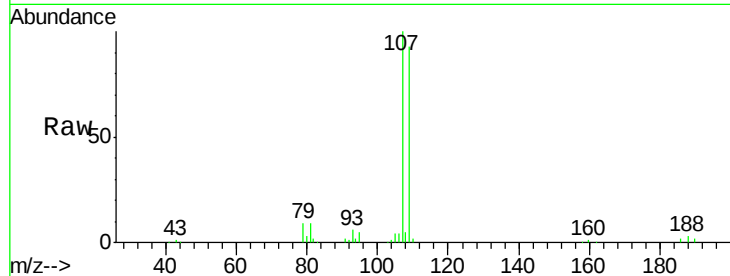
#61
 1,2-Dibromoethane
 Concen: 53.618 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.6

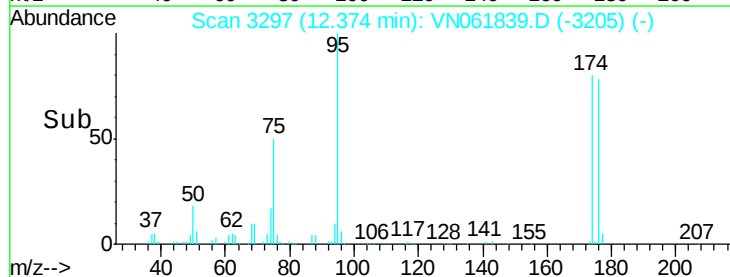
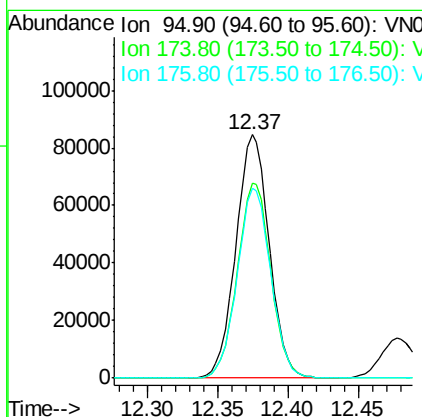
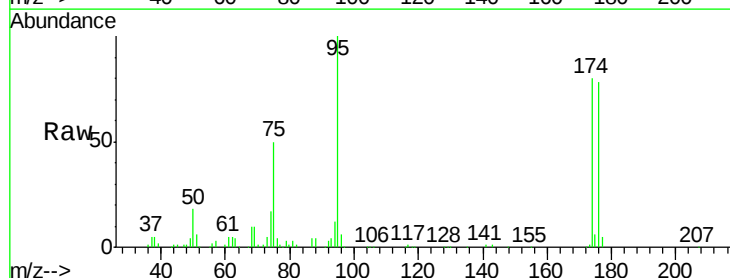
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#62
 4-Bromofluorobenzene
 Concen: 55.091 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	158.6
176	78.5	0.0	152.0





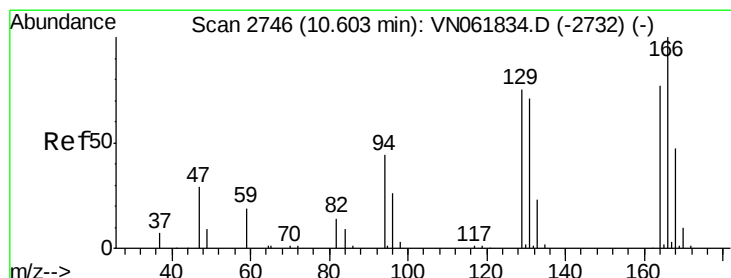
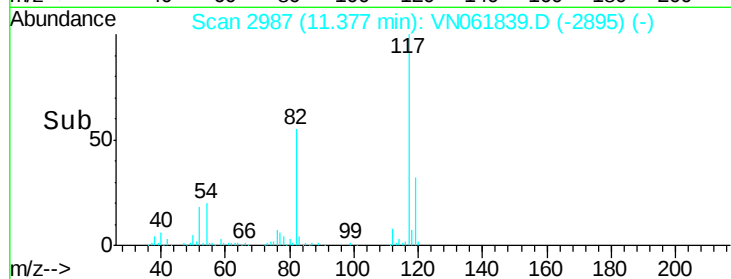
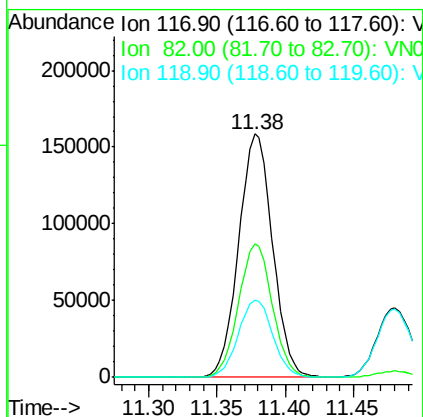
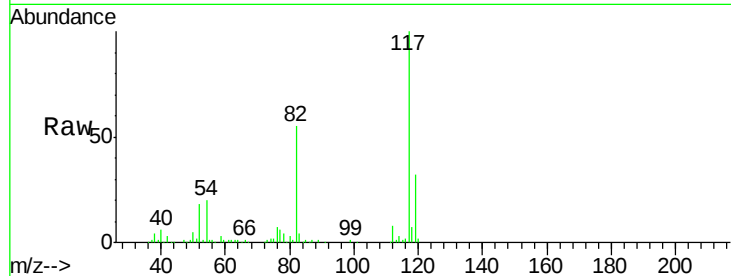
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	274217		
82	55.0	42.6	64.0	
119	31.7	24.7	37.1	

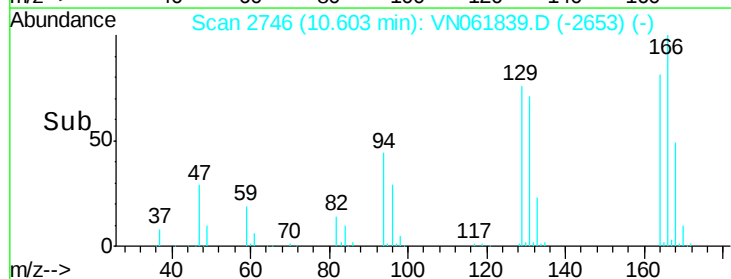
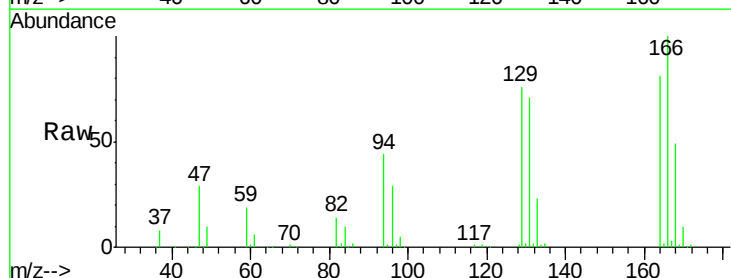
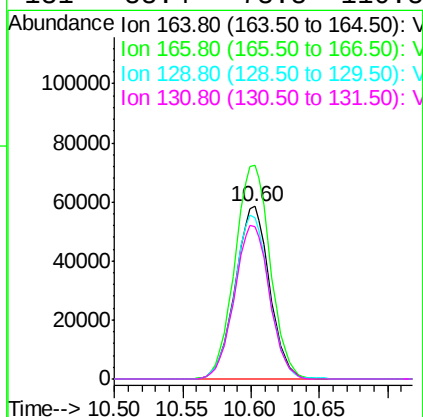
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#64
Tetrachloroethene
Concen: 58.286 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101870		
166	124.0	103.5	155.3	
129	93.7	77.5	116.3	
131	88.4	73.8	110.8	





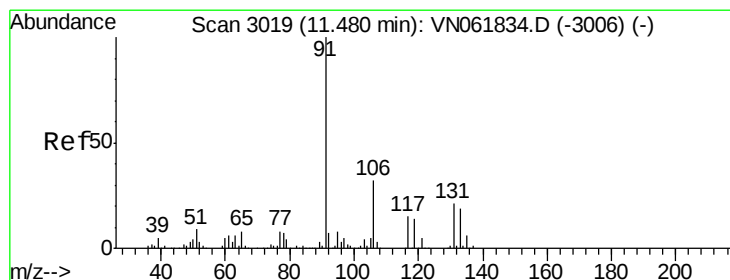
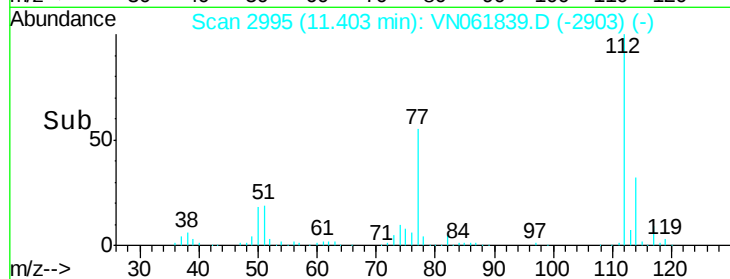
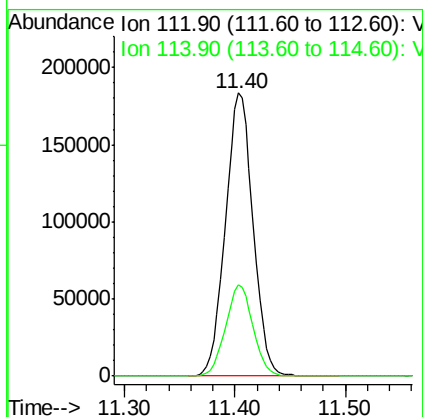
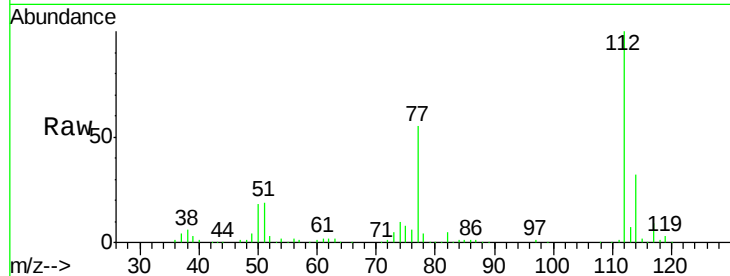
#65
Chlorobenzene
Concen: 54.880 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 317549
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

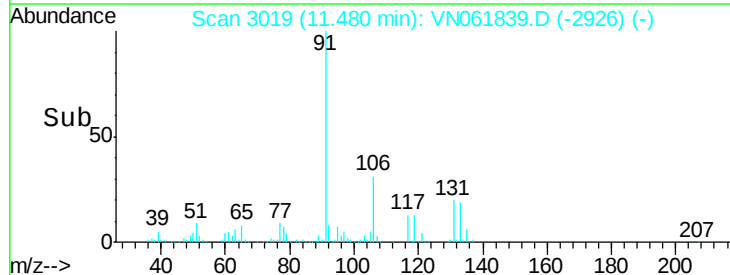
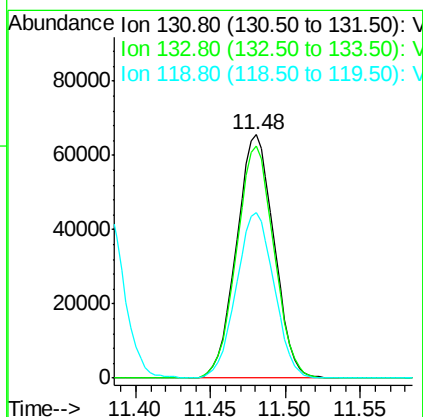
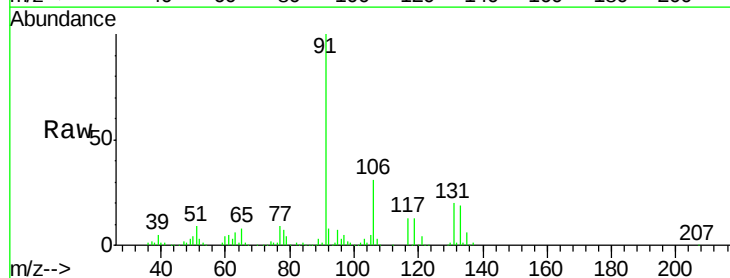
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.896 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion:131 Resp: 114818
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 68.2 34.0 101.8





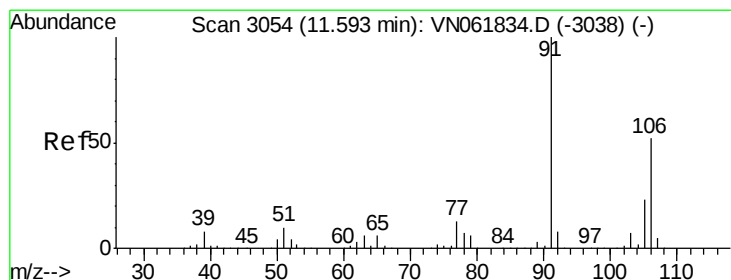
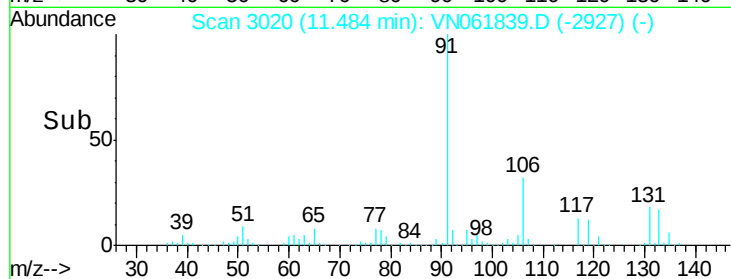
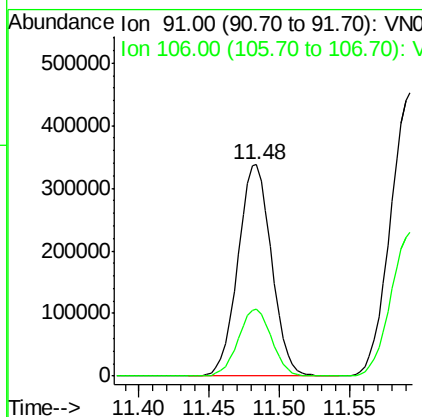
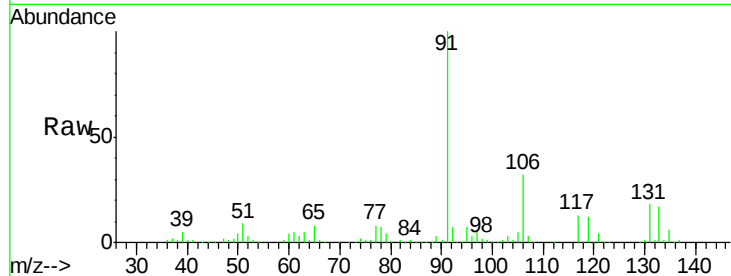
#67
Ethyl Benzene
Concen: 58.150 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 564133
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

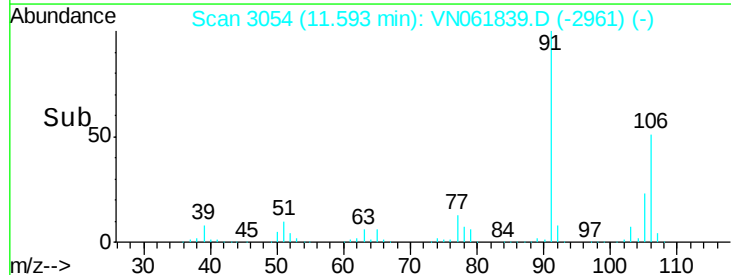
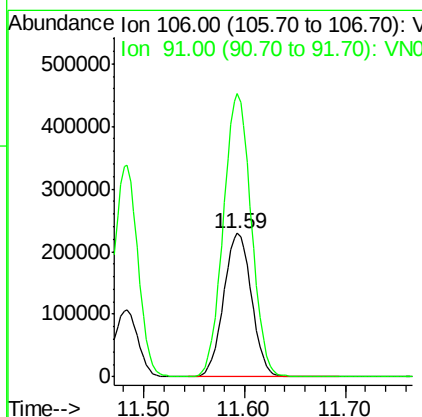
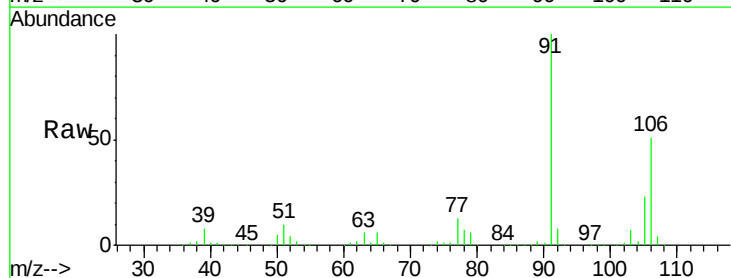
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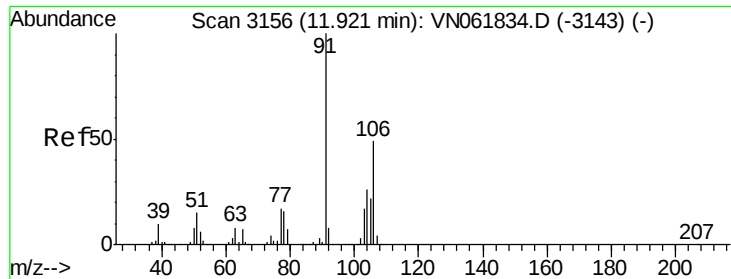
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#68
m/p-Xylenes
Concen: 119.009 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 106 Resp: 445195
Ion Ratio Lower Upper
106 100
91 196.4 157.0 235.6





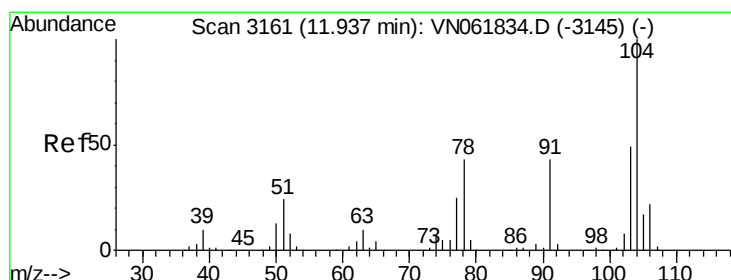
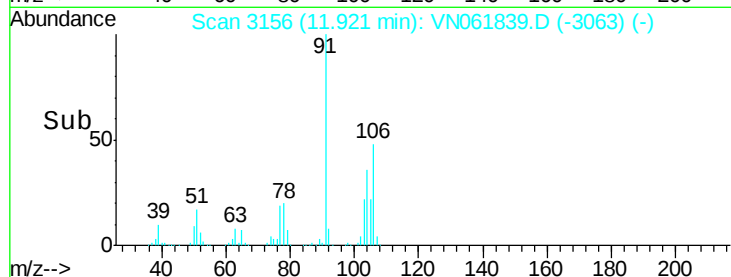
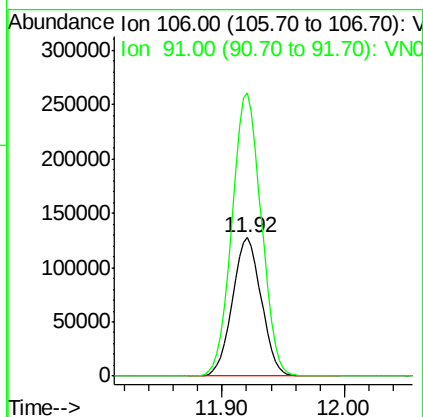
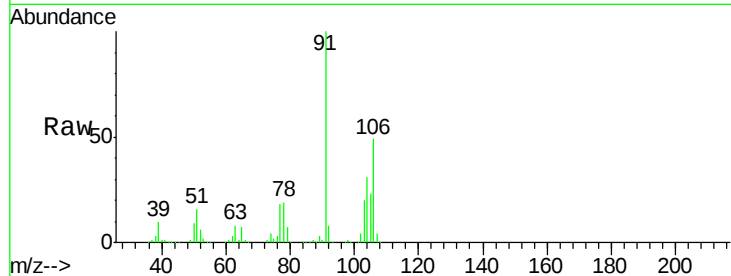
#69
o-Xylene
Concen: 58.839 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
210017	106	100		
	91	207.2	103.0	308.9

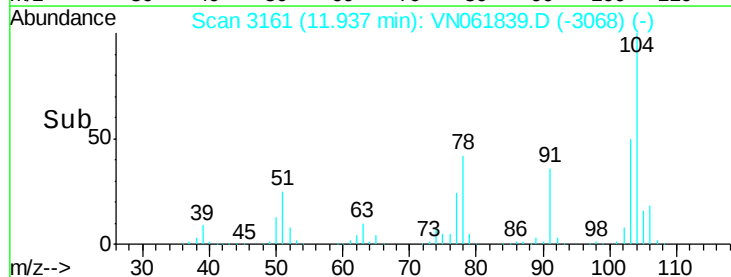
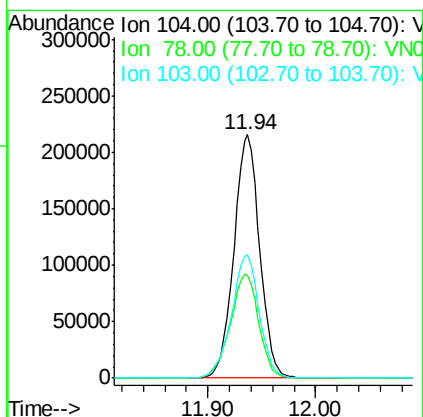
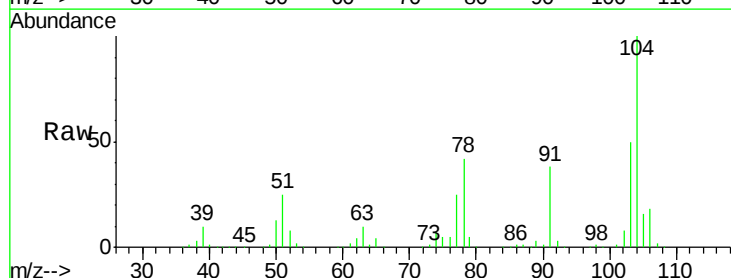
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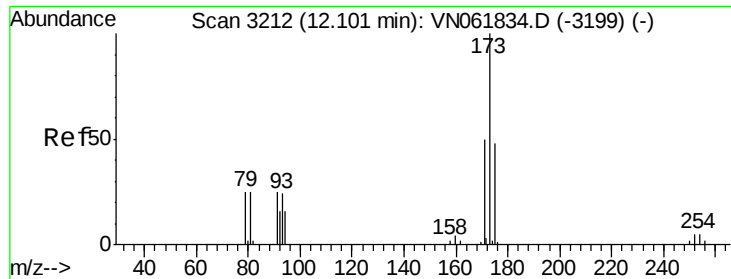
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#70
Styrene
Concen: 60.210 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ion	Ratio	Lower	Upper
359843	104	100		
	78	47.1	37.6	56.4
	103	54.3	43.0	64.4





#71

Bromoform

Concen: 56.206 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

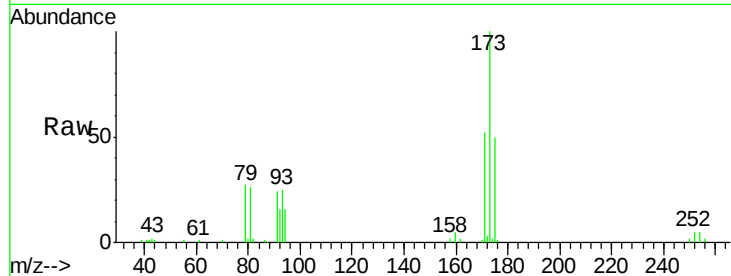
ClientSampleId :

VSTDCCC050

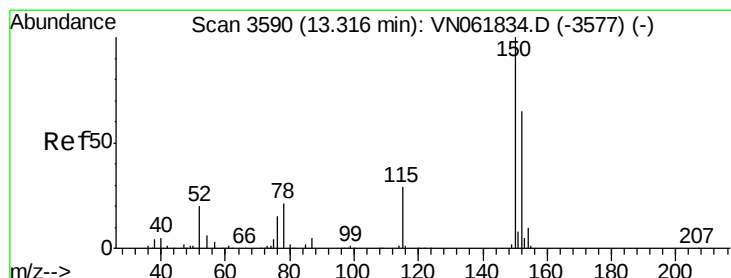
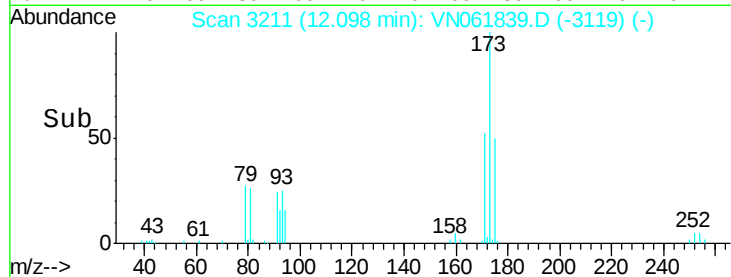
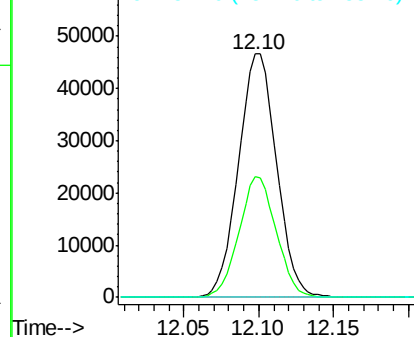
Tot Ion:	173	Resp:	82703
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.9	71.7
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

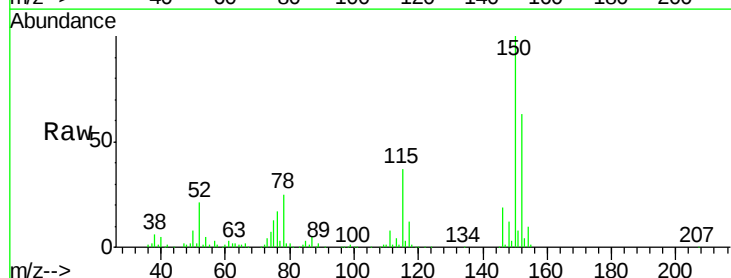
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

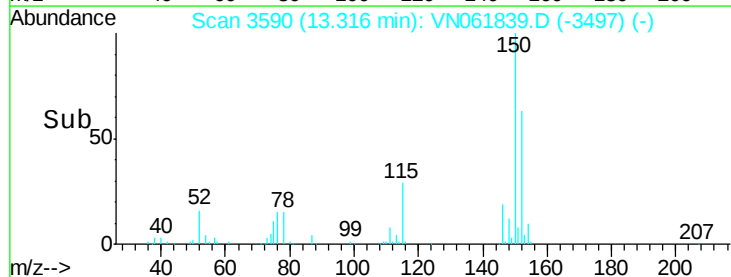
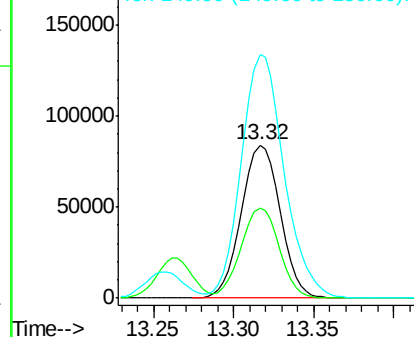
Lab File: VN061839.D

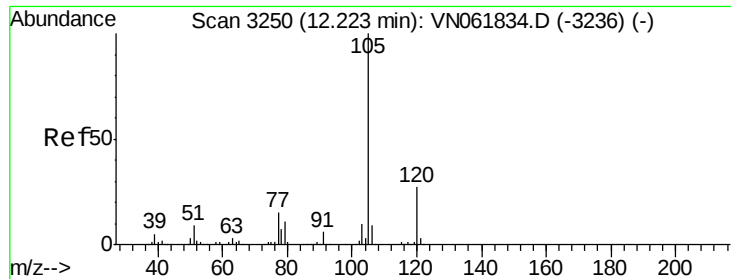
Acq: 17 Jun 2020 11:04

Tgt Ion:	152	Resp:	139466
Ion Ratio	Lower	Upper	
152	100		
115	58.1	29.1	87.3
150	175.6	0.0	347.6



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: 56.340 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 558368

Ion Ratio Lower Upper

105 100

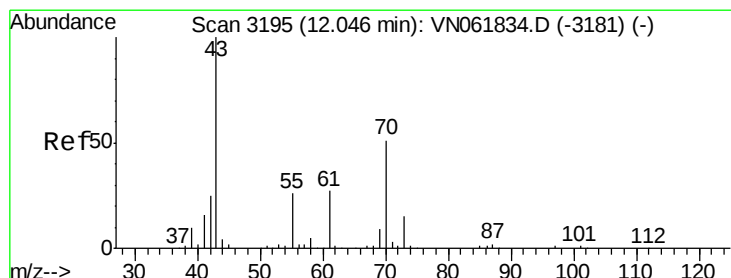
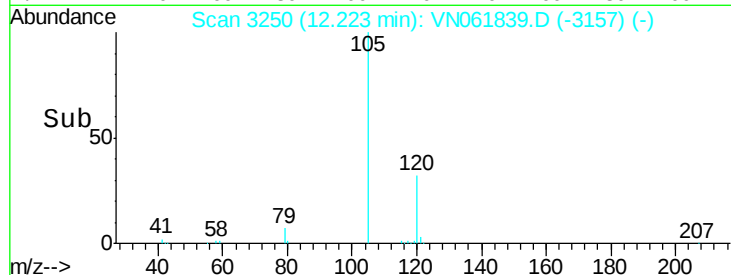
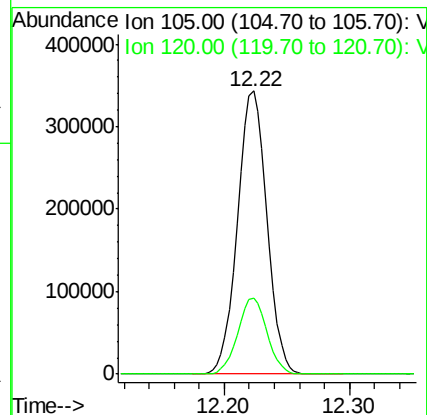
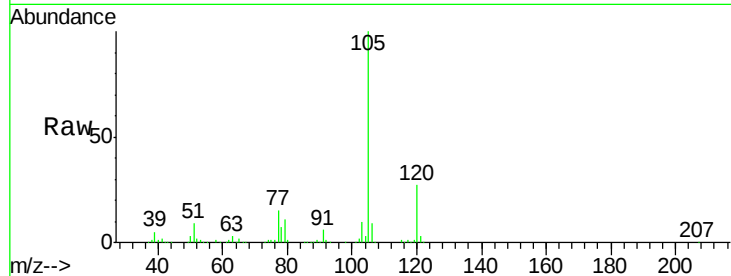
120 26.7 13.3 39.8

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#74

N-ethyl acetate

Concen: 48.634 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Tgt Ion: 43 Resp: 174232

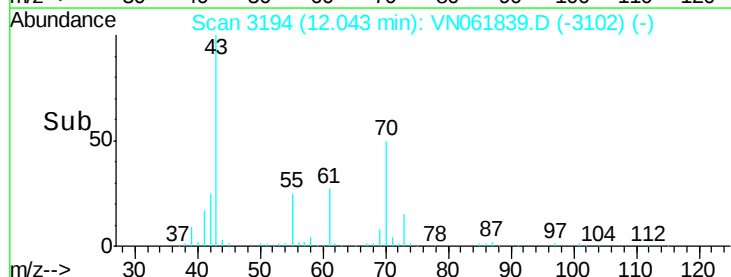
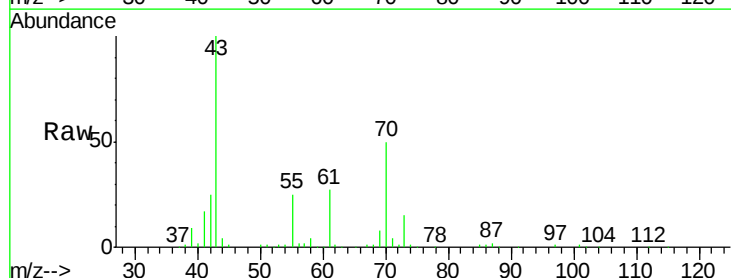
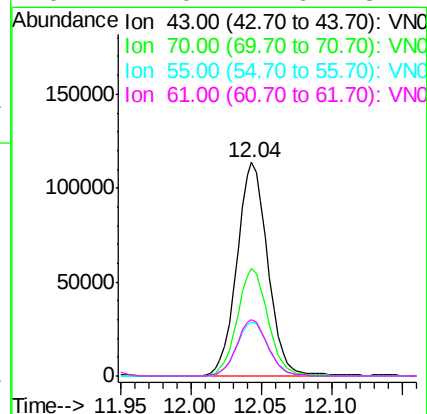
Ion Ratio Lower Upper

43 100

70 50.5 40.6 60.8

55 26.2 21.5 32.3

61 27.0 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.531 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 156375

Ion Ratio Lower Upper

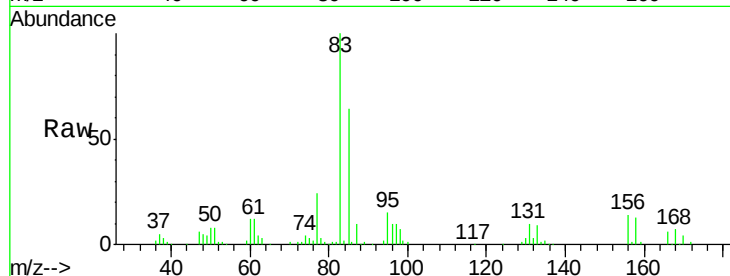
83 100

131 10.1 5.0 15.0

85 64.3 32.4 97.2

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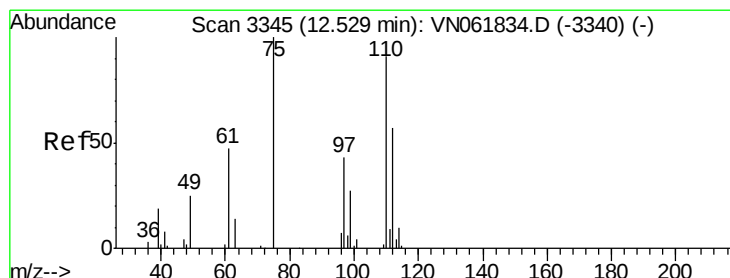
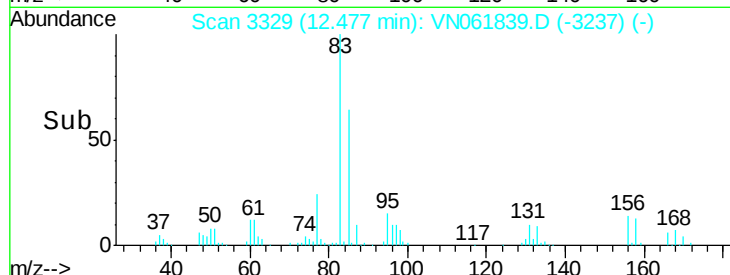
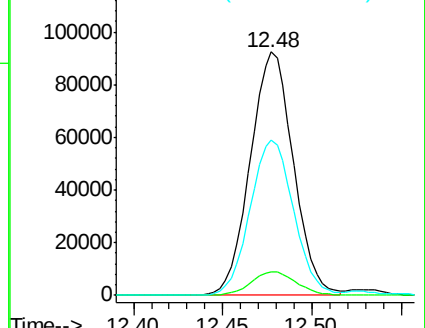
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Abundance Ion 82.90 (82.60 to 83.60): VN061839.D (-3327) (-)

Ion 130.80 (130.50 to 131.50): VN061839.D (-3327) (-)

Ion 84.90 (84.60 to 85.60): VN061839.D (-3327) (-)



#76

1,2,3-Trichloropropane

Concen: 45.667 ug/l m

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061839.D

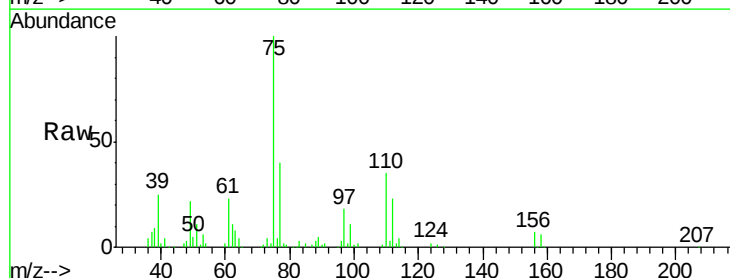
Acq: 17 Jun 2020 11:04

Tgt Ion: 75 Resp: 125040

Ion Ratio Lower Upper

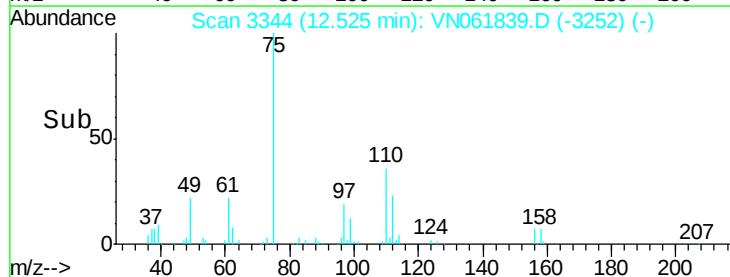
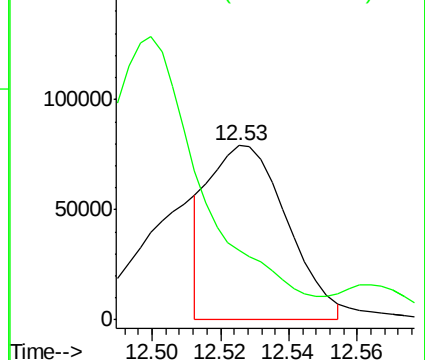
75 100

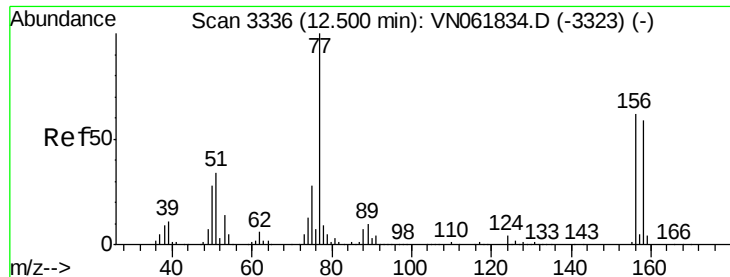
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061839.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061839.D (-3252) (-)





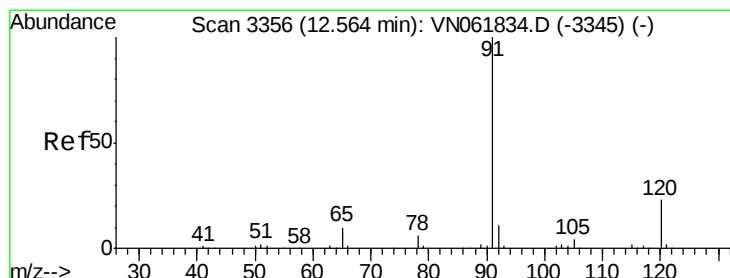
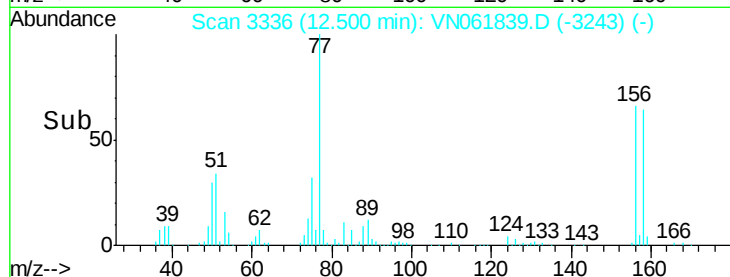
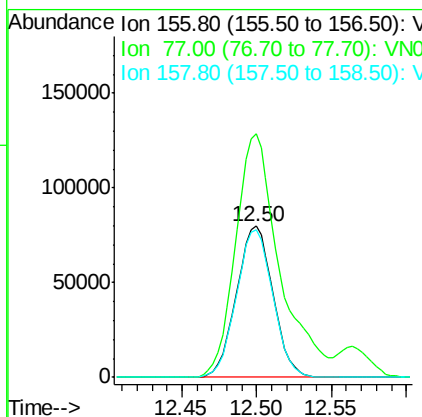
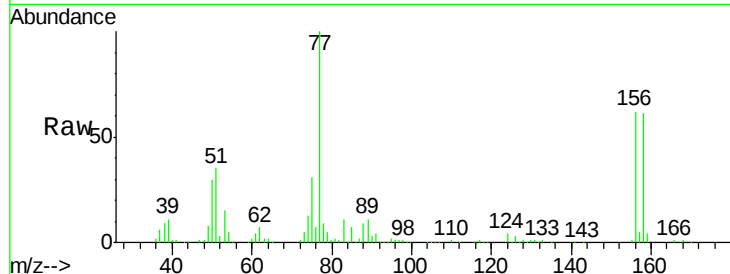
#77
Bromobenzene
Concen: 54.064 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	194.2	100.7	302.1
158	97.8	48.5	145.5

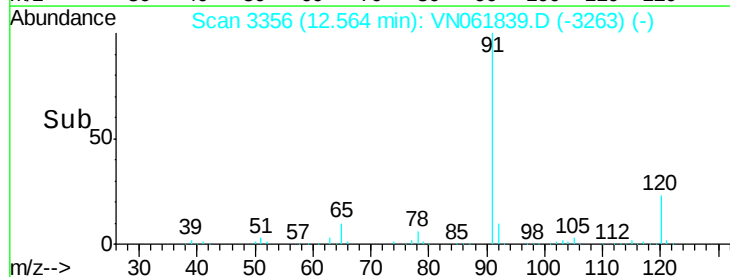
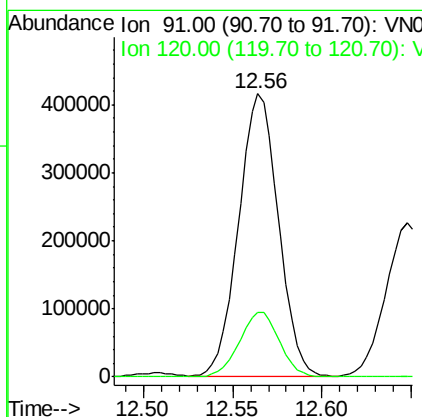
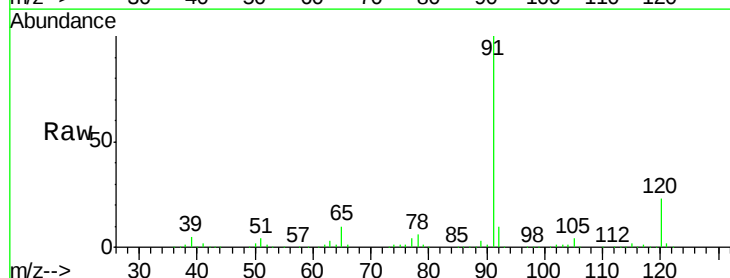
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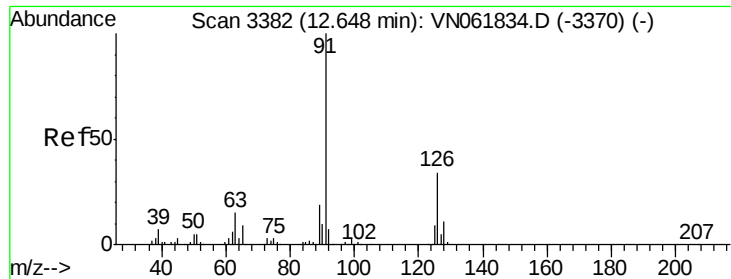
MMDadoda
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#78
n-propylbenzene
Concen: 57.166 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.6	34.8





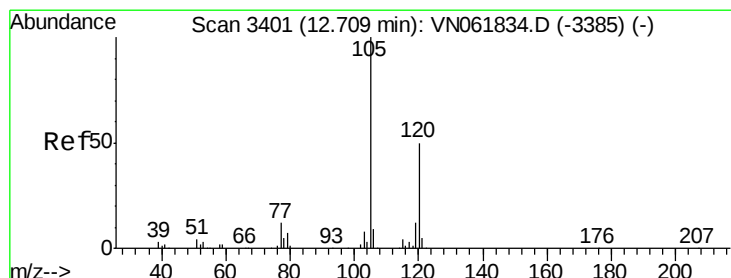
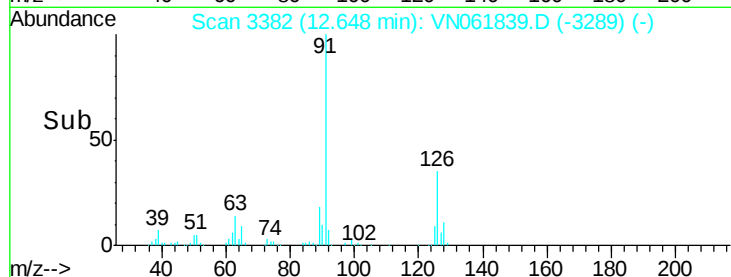
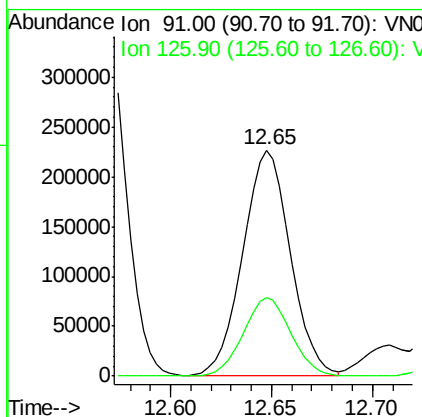
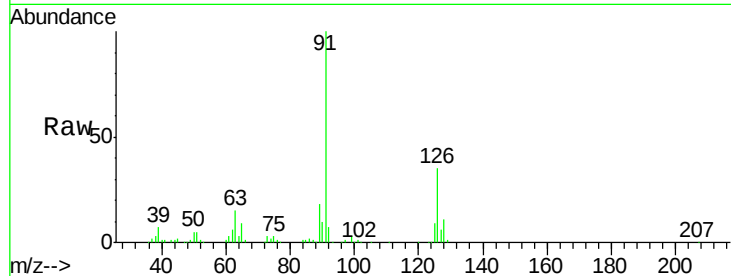
#79
 2-Chlorotoluene
 Concen: 54.724 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 371674
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.3 51.7

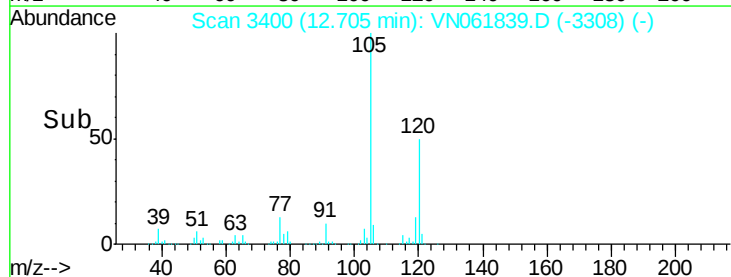
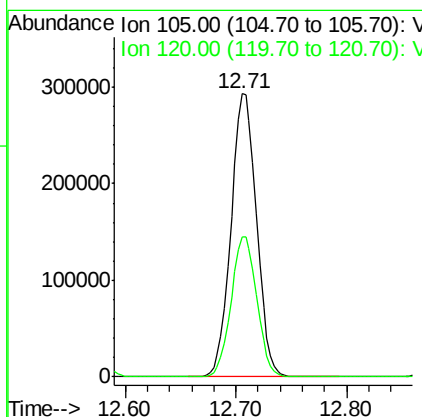
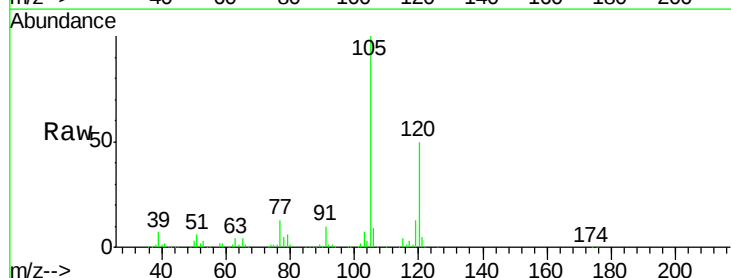
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#80
 1,3,5-Trimethylbenzene
 Concen: 57.422 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 105 Resp: 470819
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.761 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

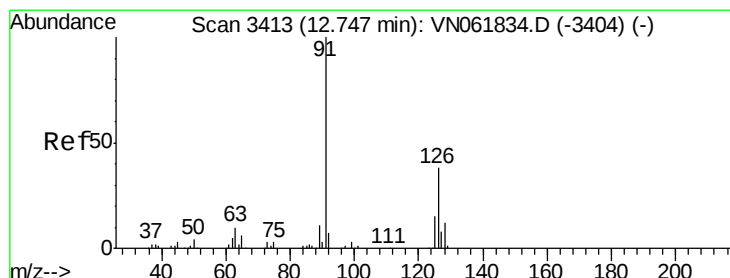
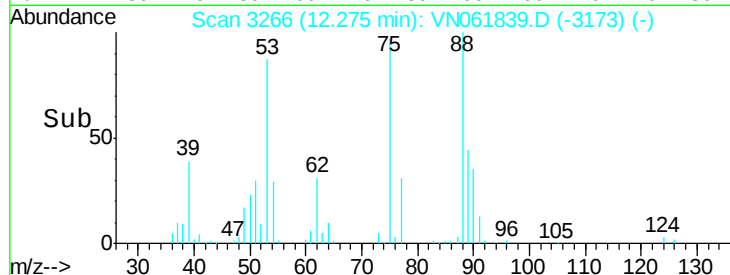
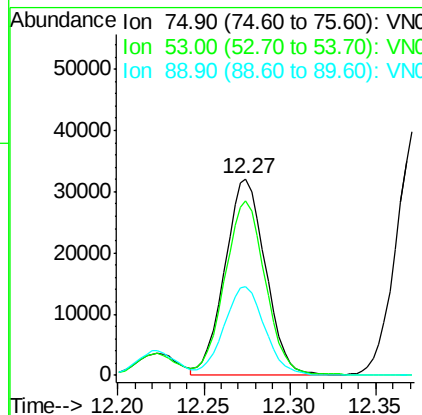
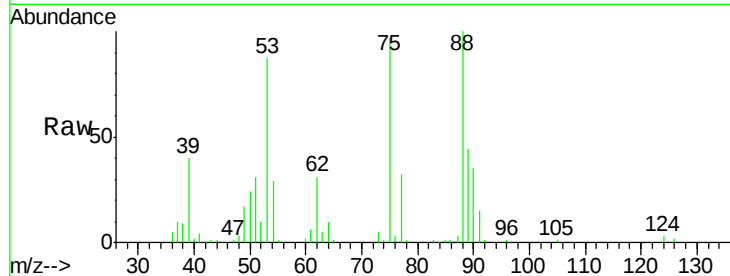
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	52967
Ion	Ratio	Lower	Upper
75	100		
53	88.9	70.4	105.6
89	45.1	36.0	54.0

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#82

4-Chlorotoluene

Concen: 56.093 ug/l

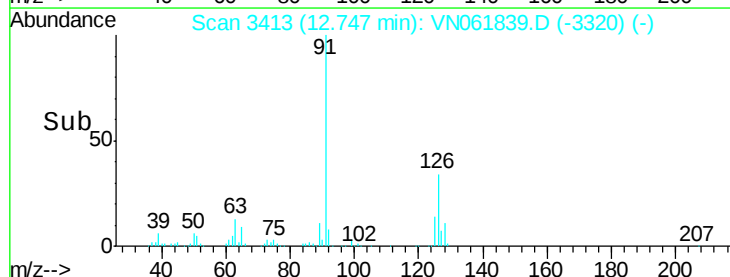
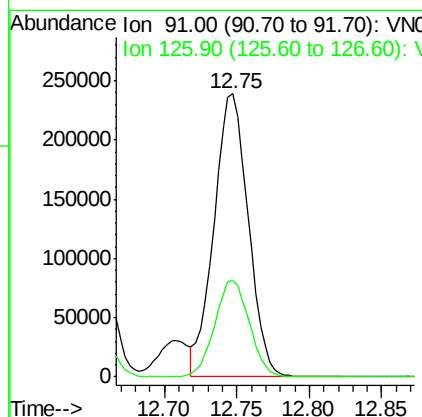
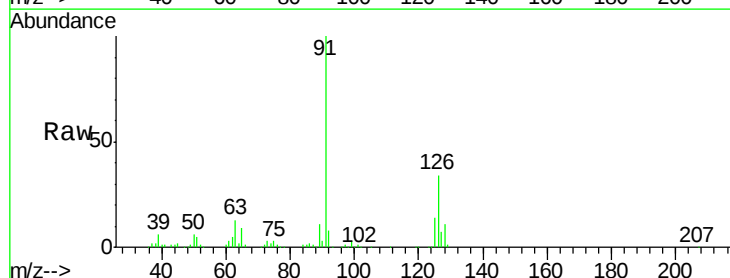
RT: 12.75 min Scan# 3413

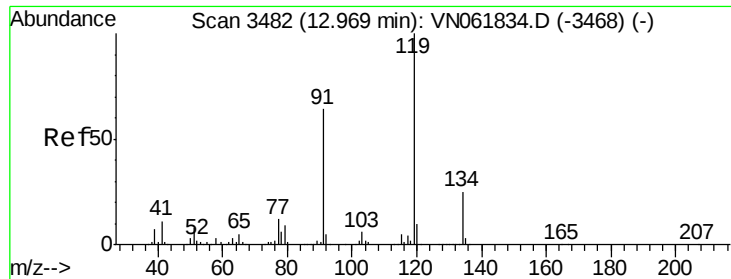
Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Tgt Ion:	91	Resp:	393659
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.2	51.6





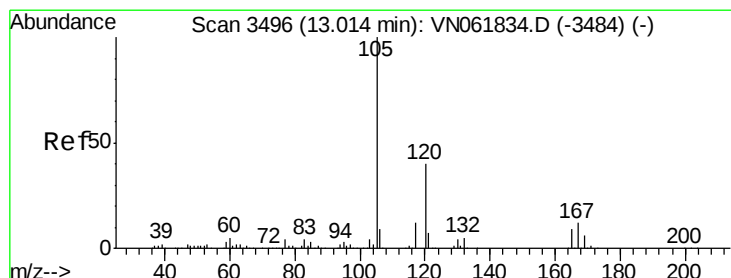
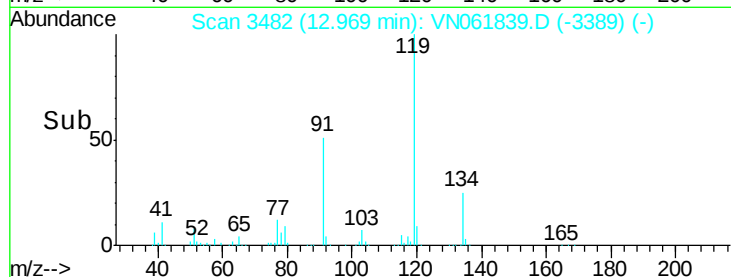
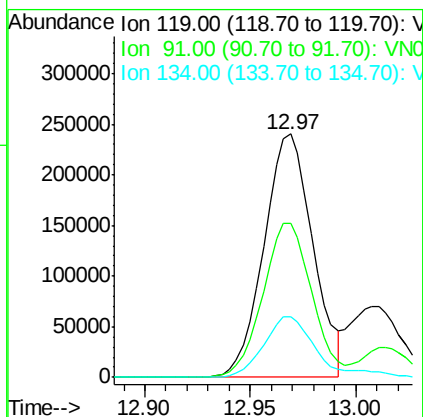
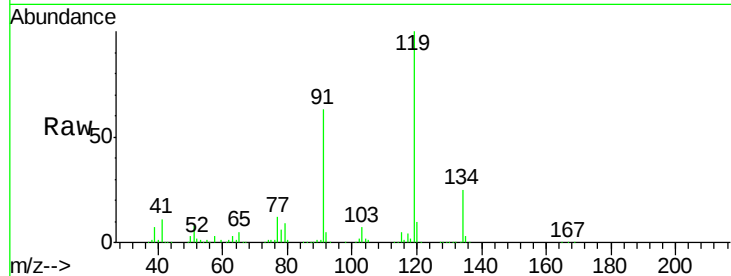
#83
tert-Butylbenzene
Concen: 55.873 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.5	94.5
134	27.1	13.3	39.9

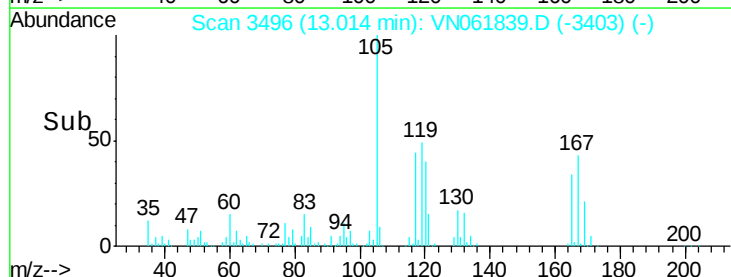
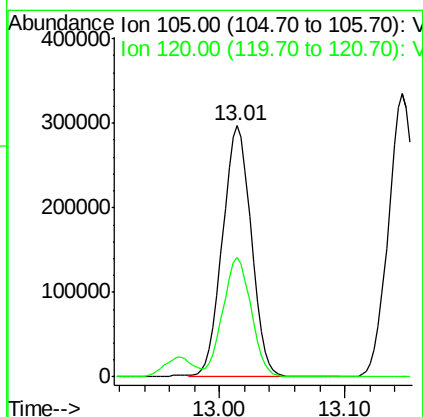
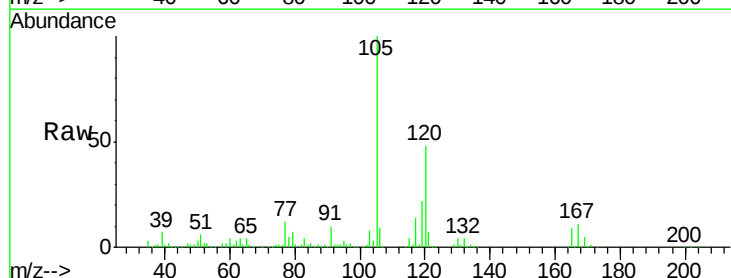
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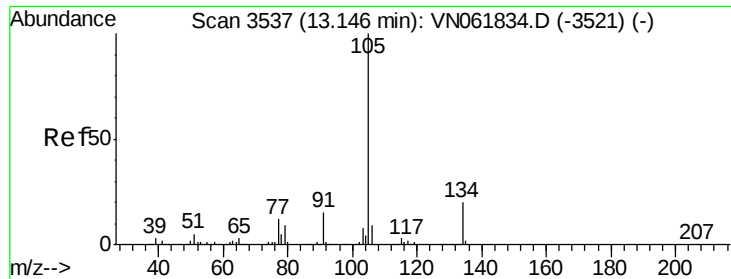
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#84
1,2,4-Trimethylbenzene
Concen: 58.134 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.3	69.9





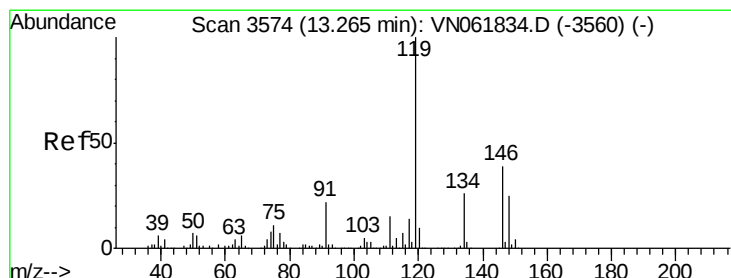
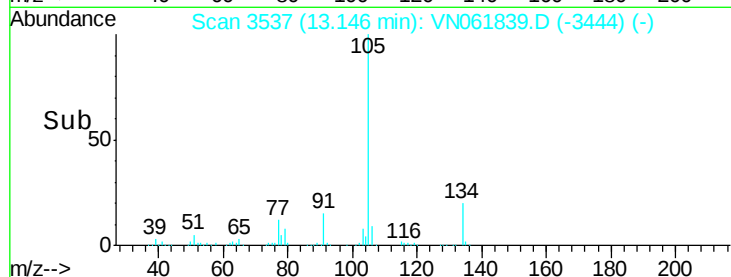
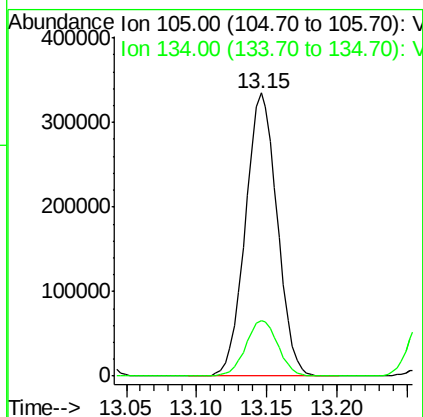
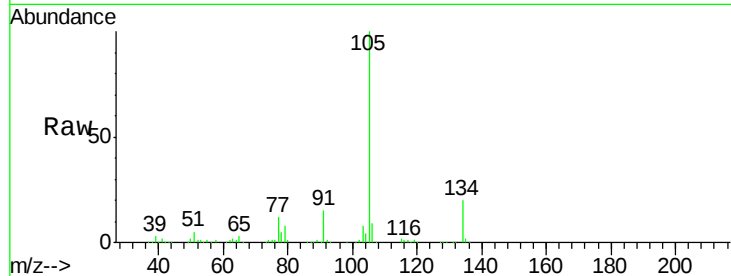
#85
 sec-Butylbenzene
 Concen: 58.049 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.1

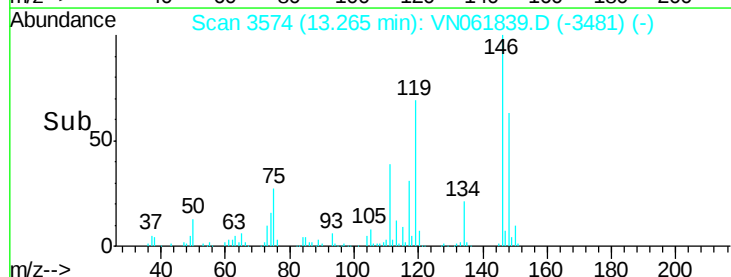
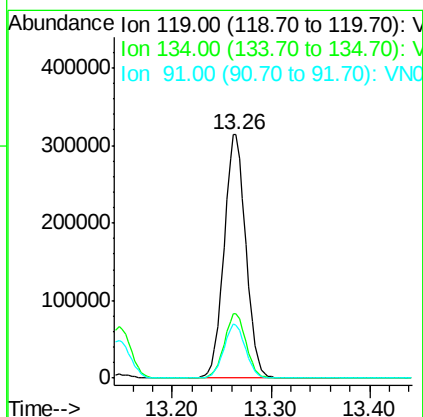
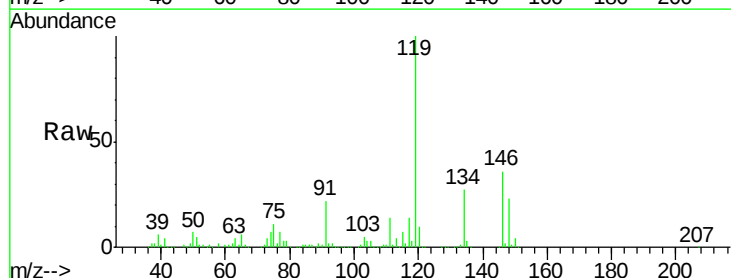
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#86
 p-Isopropyltoluene
 Concen: 60.036 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.9
91	22.1	11.2	33.6





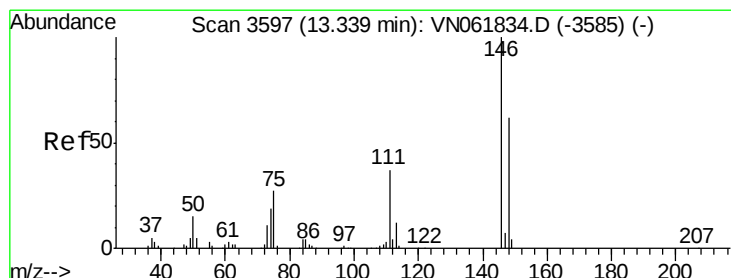
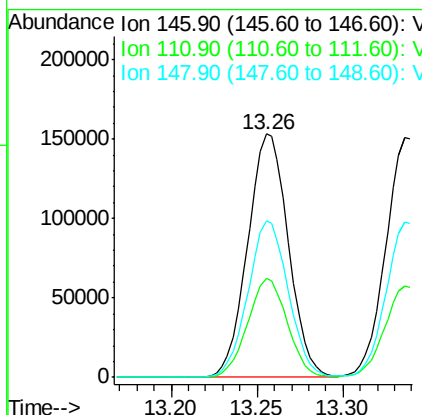
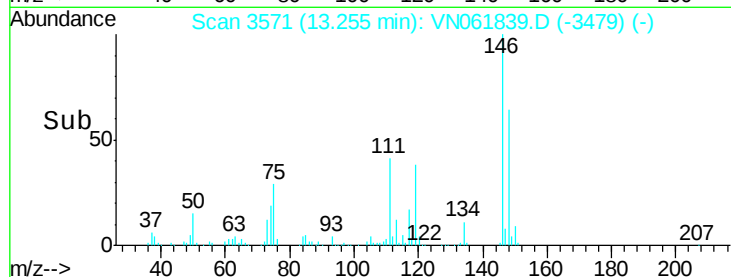
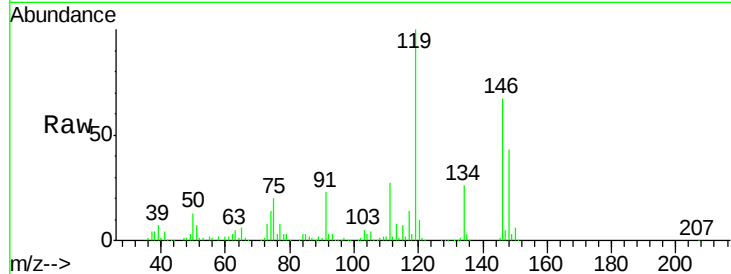
#87
 1,3-Dichlorobenzene
 Concen: 55.042 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	63.7	31.8	95.4

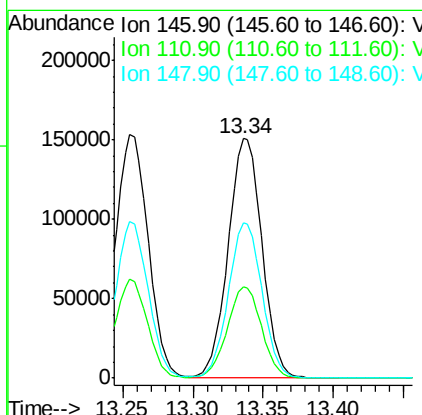
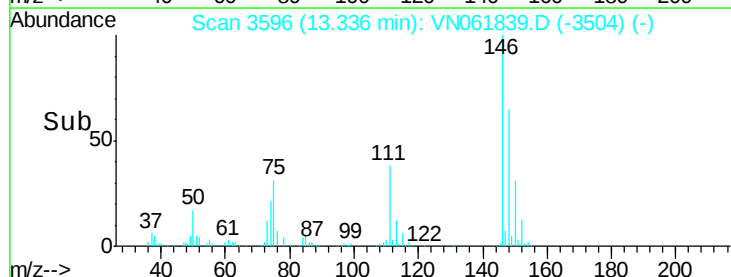
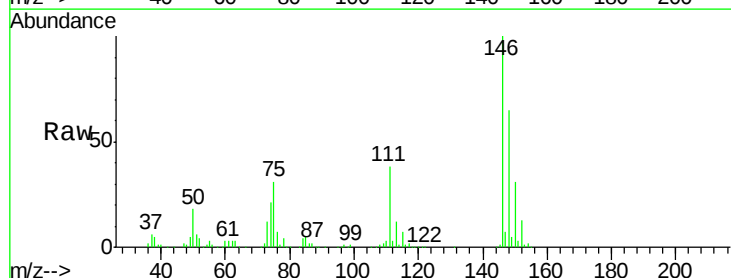
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#88
 1,4-Dichlorobenzene
 Concen: 54.119 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.7	31.6	94.7





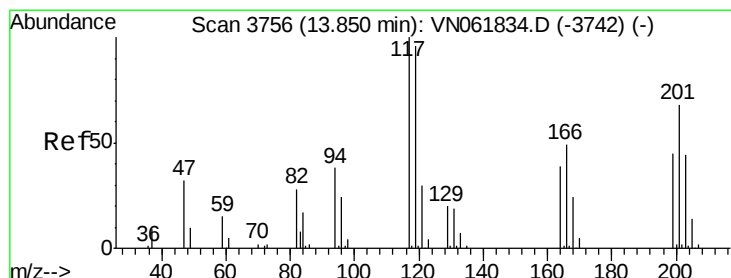
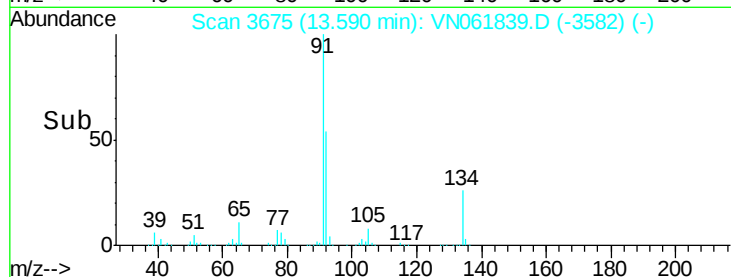
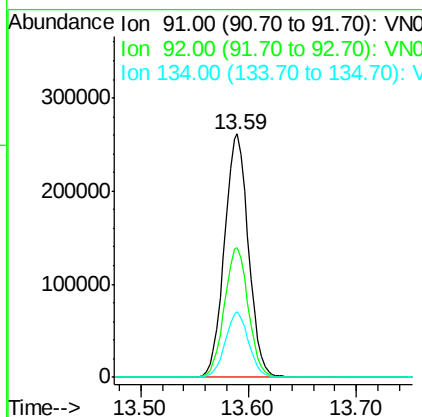
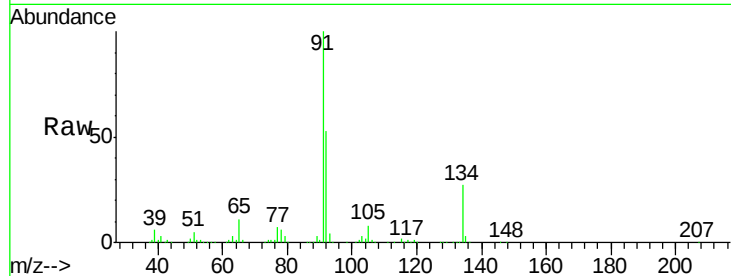
#89
n-Butylbenzene
Concen: 59.758 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.0	80.8
134	26.2	13.0	39.0

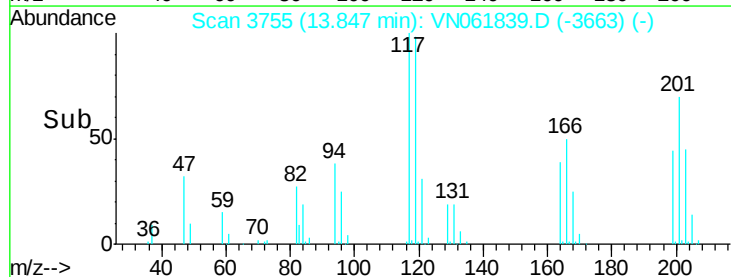
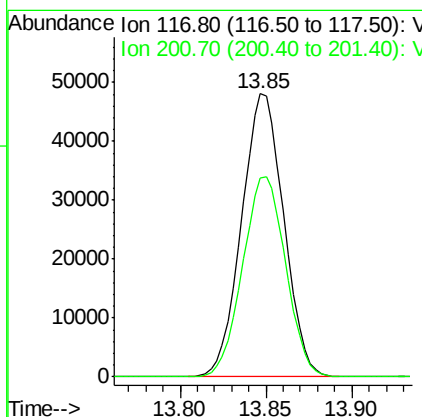
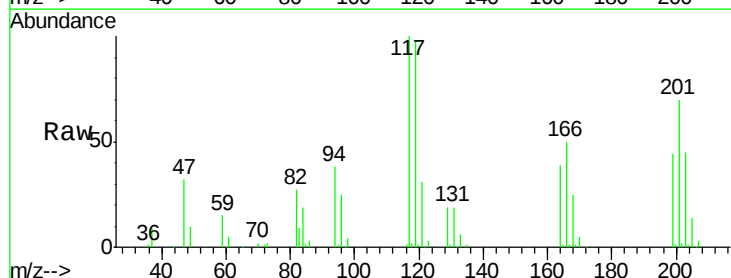
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#90
Hexachloroethane
Concen: 55.185 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.1	34.6	103.8





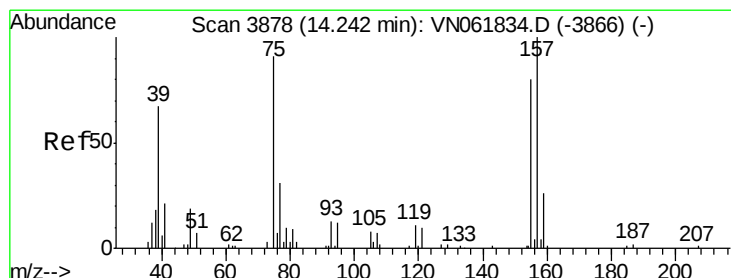
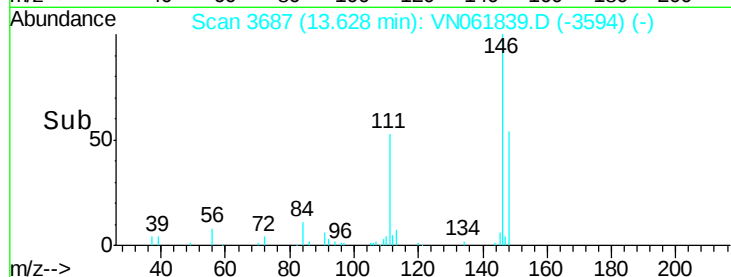
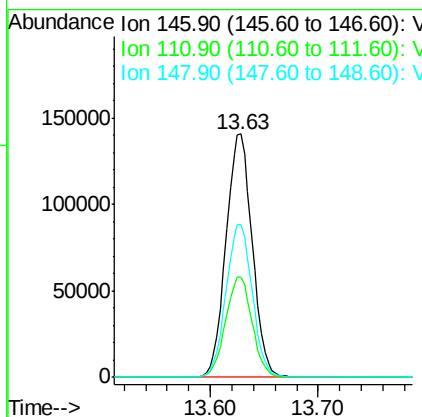
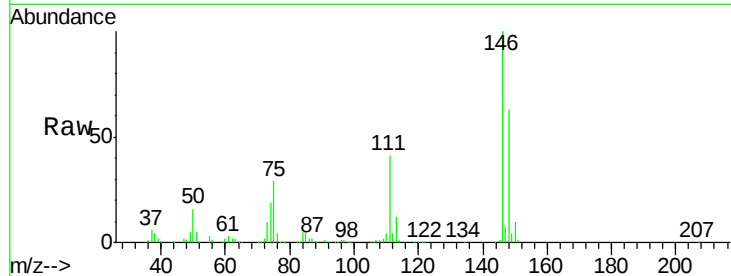
#91
 1,2-Dichlorobenzene
 Concen: 54.362 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	238658		
111	41.5	20.4	61.2	
148	62.9	31.8	95.4	

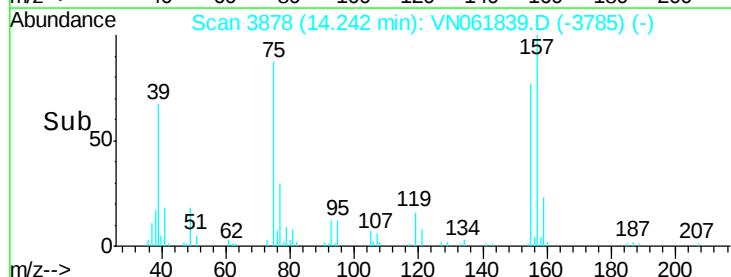
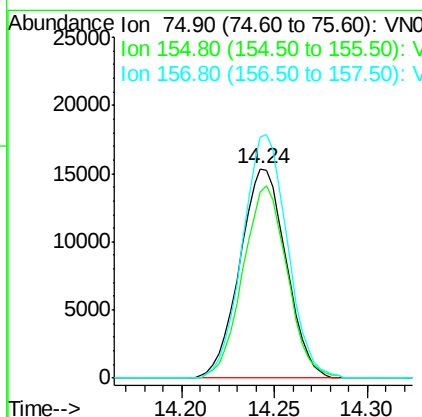
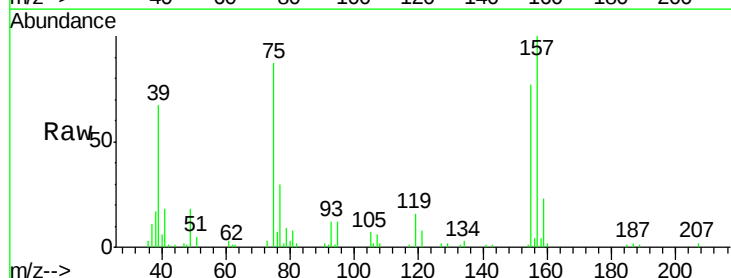
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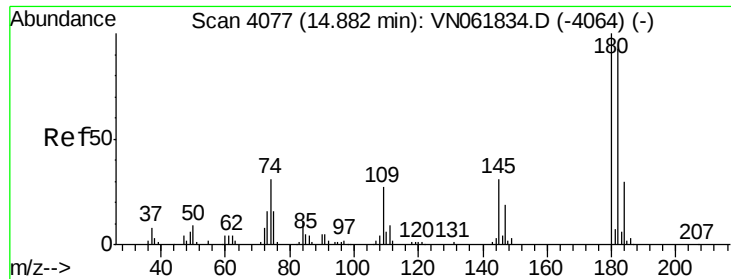
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.987 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26671		
155	87.4	44.4	133.2	
157	112.6	57.0	171.2	





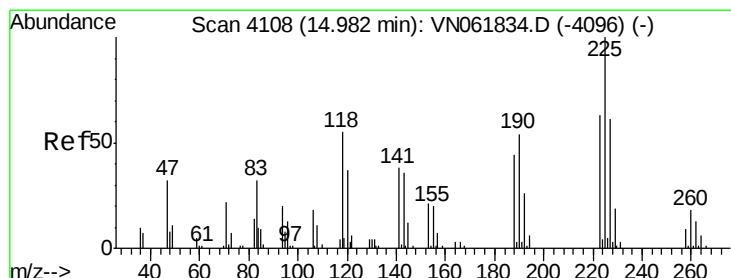
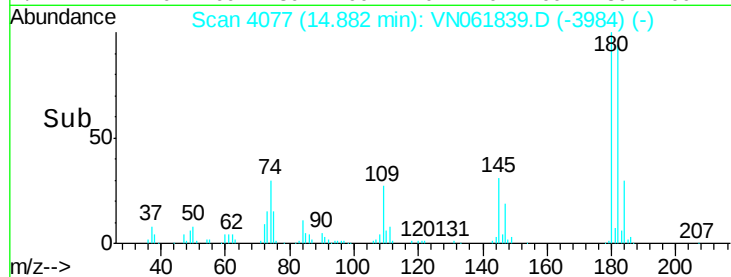
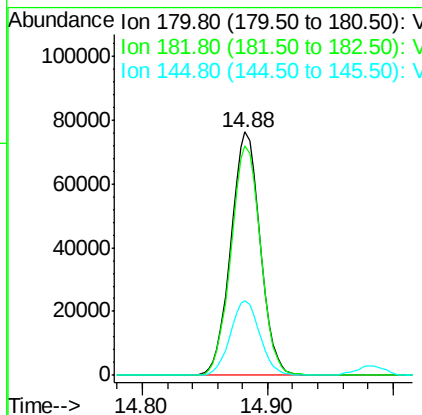
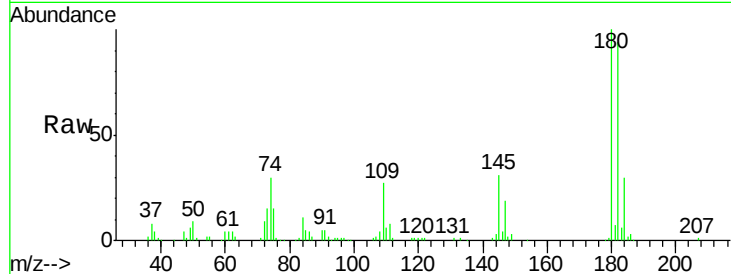
#93
 1,2,4-Trichlorobenzene
 Concen: 59.720 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	123717		
182	95.0	47.0	141.2	
145	30.9	15.8	47.3	

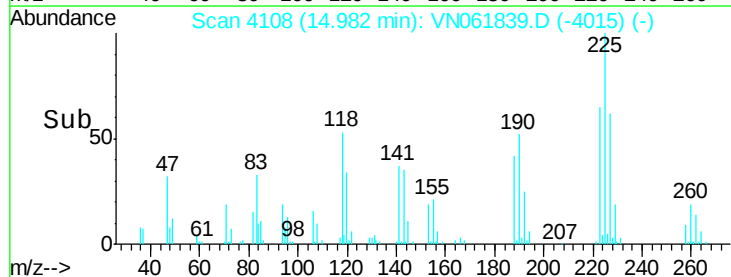
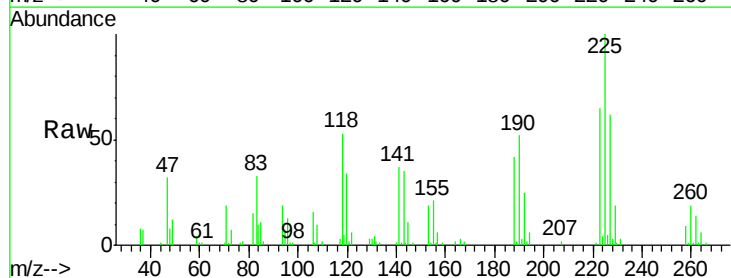
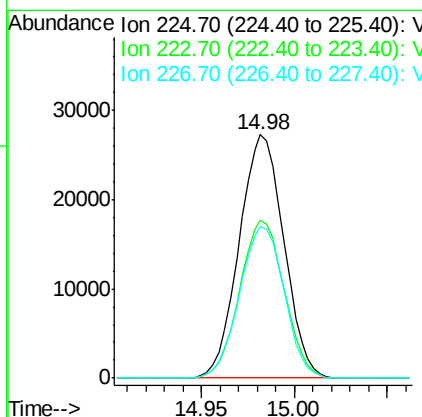
Manual Integrations
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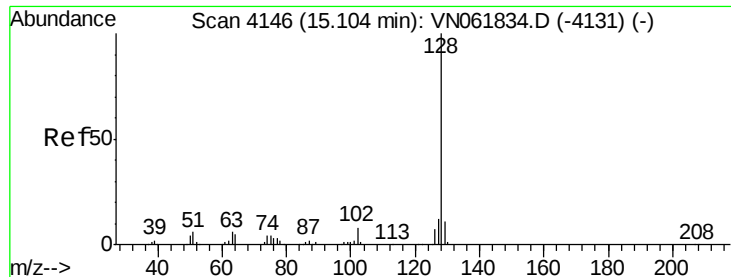
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#94
 Hexachlorobutadiene
 Concen: 55.863 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45580		
223	64.6	31.7	95.1	
227	62.3	30.1	90.3	





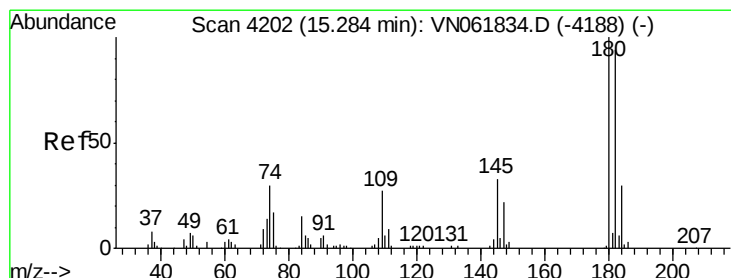
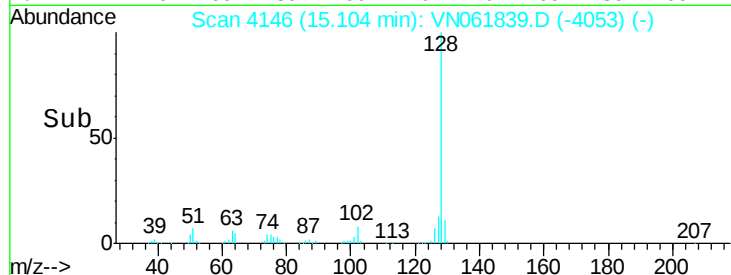
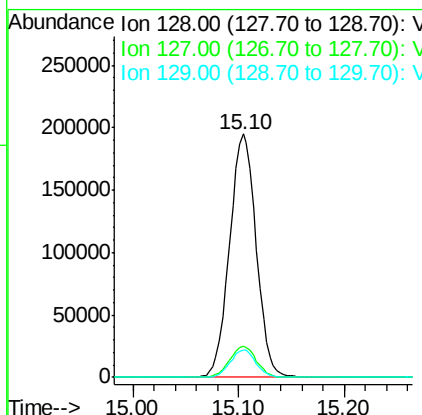
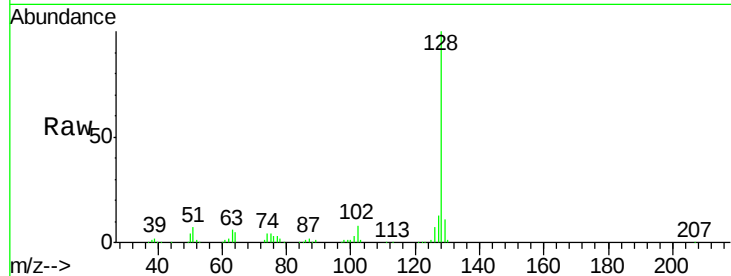
#95
Naphthalene
Concen: 49.071 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	339940		
127	12.8		10.3	15.5
129	10.9		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:38:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.788 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	118561		
182	96.2		47.9	143.6
145	33.6		16.5	49.5

