

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061606.D
 Acq On : 1 Jun 2020 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 4:01:39 PM

Quant Time: Jun 02 05:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	406978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	645019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	608109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	317088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202981	41.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.72%	
35) Dibromofluoromethane	7.55	113	162977	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.06	98	703117	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	12.37	95	258134	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	224914	47.914	ug/l	98
3) Chloromethane	2.03	50	205218	41.343	ug/l	98
4) Vinyl Chloride	2.16	62	281609	41.399	ug/l	100
5) Bromomethane	2.53	94	165074	42.292	ug/l	100
6) Chloroethane	2.67	64	175306	40.039	ug/l	99
7) Trichlorofluoromethane	2.98	101	342767	39.076	ug/l	99
8) Diethyl Ether	3.37	74	115719	43.143	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	175870	45.182	ug/l	96
10) Methyl Iodide	3.91	142	243583	45.079	ug/l	98
11) Tert butyl alcohol	4.72	59	129864	201.353	ug/l	100
12) 1,1-Dichloroethene	3.70	96	182072	43.782	ug/l	96
13) Acrolein	3.56	56	49933	269.669	ug/l	95
14) Allyl chloride	4.27	41	220121	40.488	ug/l	97
15) Acrylonitrile	4.93	53	364749	202.615	ug/l	100
16) Acetone	3.77	43	269544	200.474	ug/l	97
17) Carbon Disulfide	4.01	76	407108	44.496	ug/l	97
18) Methyl Acetate	4.27	43	170551	38.854	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	609714	43.019	ug/l	98
20) Methylene Chloride	4.50	84	201255	45.508	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	202633	43.207	ug/l	92
22) Diisopropyl ether	5.90	45	505141	42.156	ug/l	98
23) Vinyl Acetate	5.84	43	1909619	199.948	ug/l	97
24) 1,1-Dichloroethane	5.80	63	321241	42.277	ug/l	98
25) 2-Butanone	6.78	43	428021	186.256	ug/l	98
26) 2,2-Dichloropropane	6.78	77	288905	41.541	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	235467	44.339	ug/l	98
28) Bromochloromethane	7.15	49	129496	45.265	ug/l	92
29) Tetrahydrofuran	7.16	42	282324	186.308	ug/l	97
30) Chloroform	7.33	83	360872	42.928	ug/l	98
31) Cyclohexane	7.61	56	277477	40.604	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	334888	43.720	ug/l	99
36) 1,1-Dichloropropene	7.75	75	263075	46.072	ug/l	99
37) Ethyl Acetate	6.88	43	192033	41.755	ug/l	98
38) Carbon Tetrachloride	7.73	117	277169	50.323	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	324515	46.108	ug/l	96
40) Benzene	8.00	78	802279	45.537	ug/l	100
41) Methacrylonitrile	7.12	41	88365	41.936	ug/l	93
42) 1,2-Dichloroethane	8.08	62	261899	44.402	ug/l	99
43) Isopropyl Acetate	8.12	43	347978	42.055	ug/l	97
44) Trichloroethene	8.80	130	259231	47.877	ug/l	92
45) 1,2-Dichloropropane	9.08	63	192141	45.928	ug/l	100
46) Dibromomethane	9.17	93	145622	45.386	ug/l	96
47) Bromodichloromethane	9.37	83	296282	46.608	ug/l	99
48) Methyl methacrylate	9.17	41	150682	40.476	ug/l	97
49) 1,4-Dioxane	9.16	88	56929	987.125	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	967435	207.480	ug/l	99
52) Toluene	10.12	92	545115	47.405	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	318147	46.458	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	339881	46.160	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	212928	46.477	ug/l	96
56) Ethyl methacrylate	10.40	69	298860	46.699	ug/l	98
57) 1,3-Dichloropropane	10.68	76	337723	46.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	605231	221.300	ug/l	97
59) 2-Hexanone	10.72	43	685488	204.704	ug/l	98
60) Dibromochloromethane	10.87	129	254495	48.863	ug/l	99
61) 1,2-Dibromoethane	10.98	107	226564	47.417	ug/l	99
64) Tetrachloroethene	10.60	164	277834	48.536	ug/l	98
65) Chlorobenzene	11.41	112	602484	47.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	226150	48.049	ug/l	99
67) Ethyl Benzene	11.48	91	1037944	47.509	ug/l	98
68) m/p-Xylenes	11.60	106	826446	95.404	ug/l	98
69) o-Xylene	11.92	106	398325	48.412	ug/l	98
70) Styrene	11.94	104	678736	49.814	ug/l	100
71) Bromoform	12.10	173	180111	49.662	ug/l #	99
73) Isopropylbenzene	12.22	105	1058495	45.737	ug/l	100
74) N-amyl acetate	12.04	43	320716	44.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	267505	41.247	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	229995m	39.889	ug/l	
77) Bromobenzene	12.50	156	282306	47.788	ug/l	93
78) n-propylbenzene	12.56	91	1169889	45.280	ug/l	100
79) 2-Chlorotoluene	12.65	91	682045	44.272	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	889891	46.005	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	92041	40.822	ug/l	98
82) 4-Chlorotoluene	12.75	91	718358	44.323	ug/l	99
83) tert-Butylbenzene	12.97	119	776279	45.421	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	884836	46.046	ug/l	98
85) sec-Butylbenzene	13.15	105	1002605	45.525	ug/l	100
86) p-Isopropyltoluene	13.26	119	943061	46.499	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	492916	47.119	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	498559	46.783	ug/l	99
89) n-Butylbenzene	13.59	91	788010	46.388	ug/l	100
90) Hexachloroethane	13.85	117	111921	49.899	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	471425	47.156	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	52373	39.596	ug/l	93

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	295886	50.607	ug/l	100
94) Hexachlorobutadiene	14.98	225	117135	46.975	ug/l	100
95) Naphthalene	15.10	128	862605	48.472	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	284234	49.445	ug/l	99

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

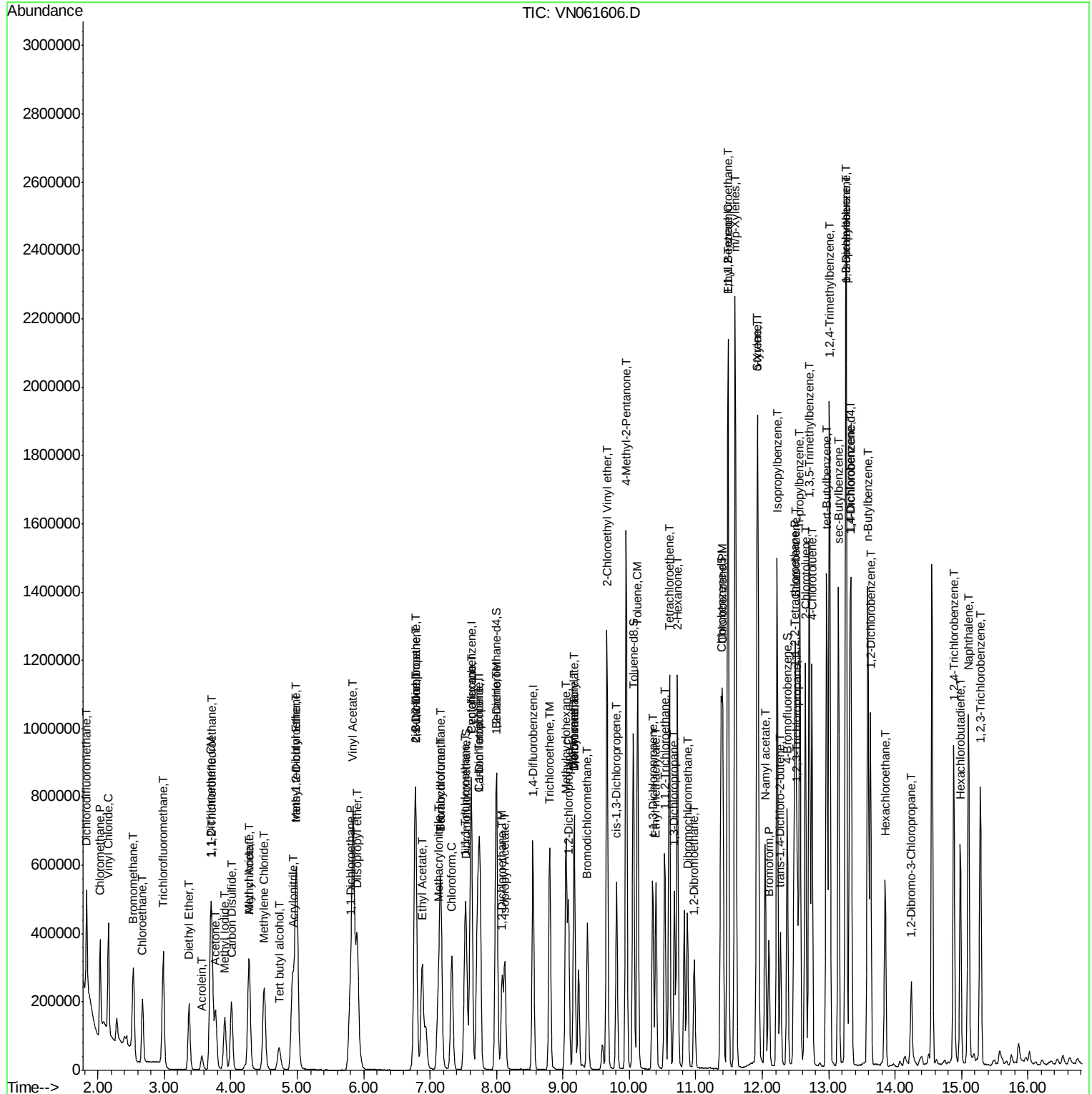
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
Data File : VN061606.D
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Operator : JC/MD
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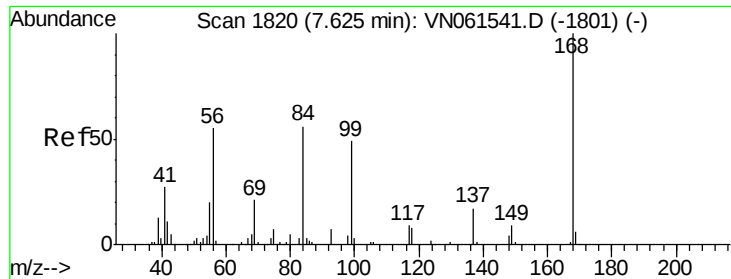
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 406978

Ion Ratio Lower Upper

168 100

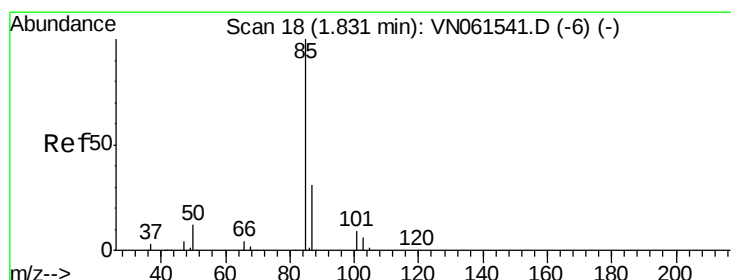
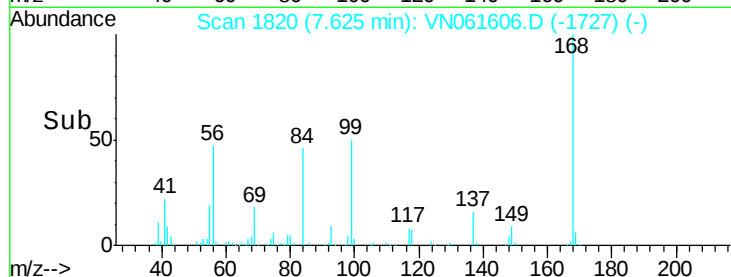
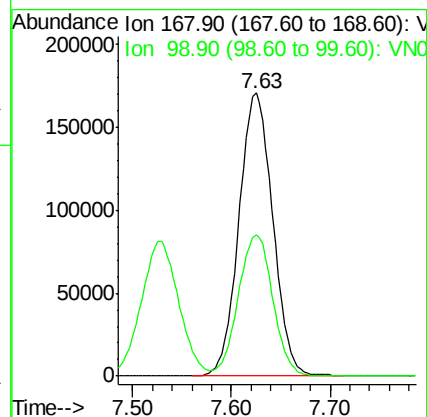
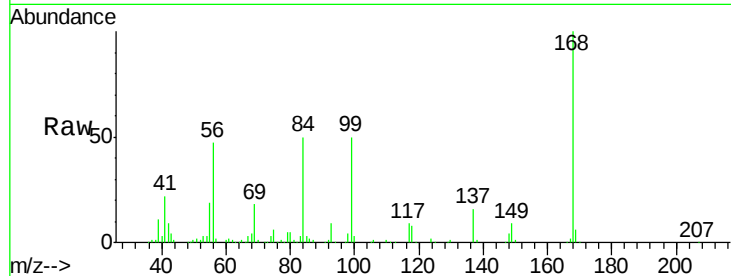
99 49.6 45.0 67.4

Manual Integrations

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6/2/2020 4:01:39 PM



#2

Dichlorodifluoromethane

Concen: 47.914 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061606.D

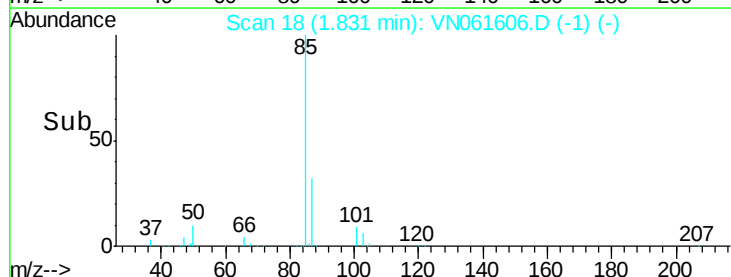
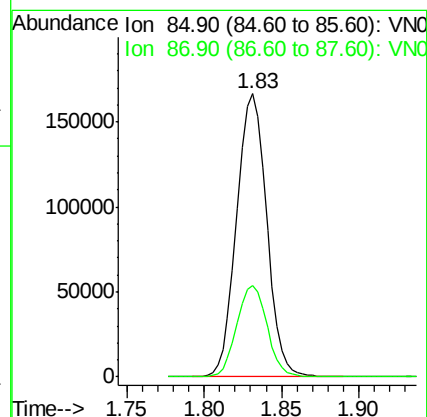
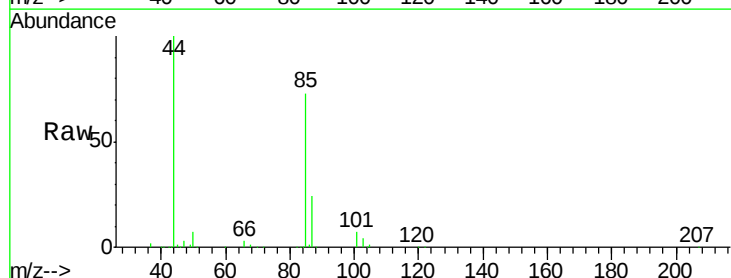
Acq: 1 Jun 2020 19:39

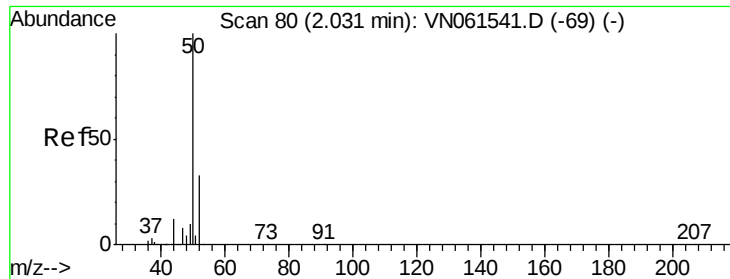
Tgt Ion: 85 Resp: 224914

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8





#3

Chloromethane

Concen: 41.343 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 205218

Ion Ratio Lower Upper

50 100

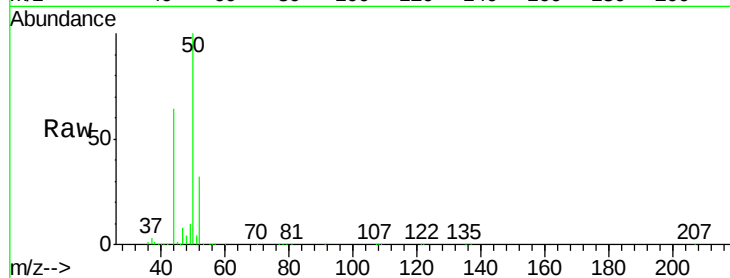
52 32.3 26.7 40.1

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

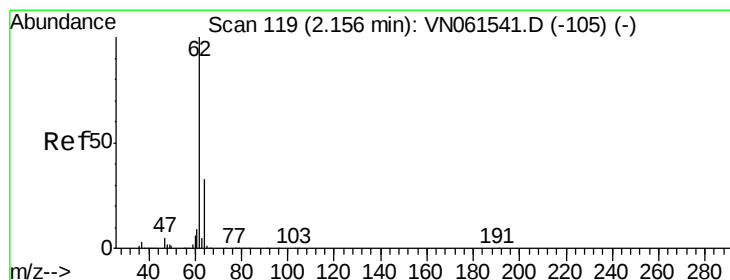
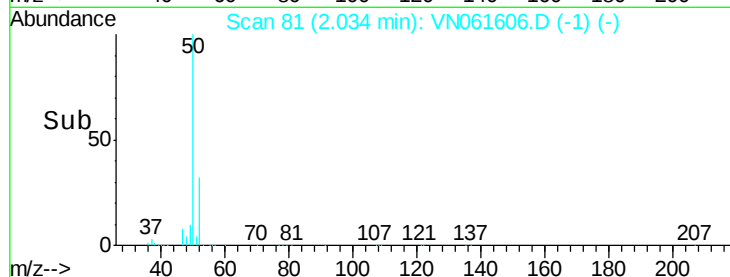
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 41.399 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061606.D

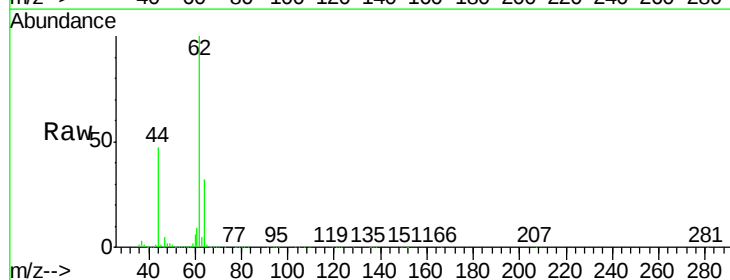
Acq: 1 Jun 2020 19:39

Tgt Ion: 62 Resp: 281609

Ion Ratio Lower Upper

62 100

64 32.4 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

200000

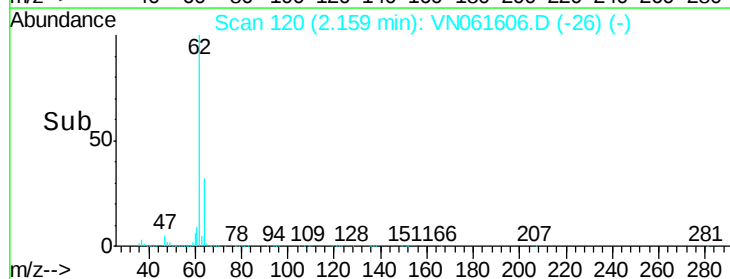
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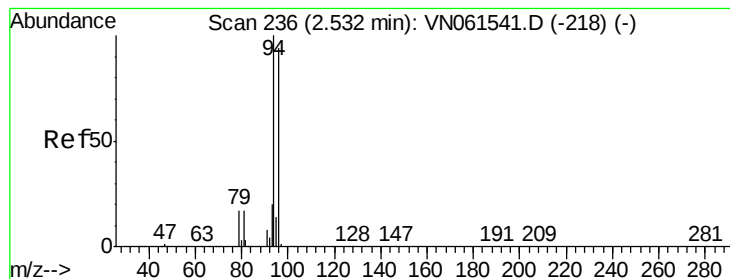
100000

50000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 42.292 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 165074

Ion Ratio Lower Upper

94 100

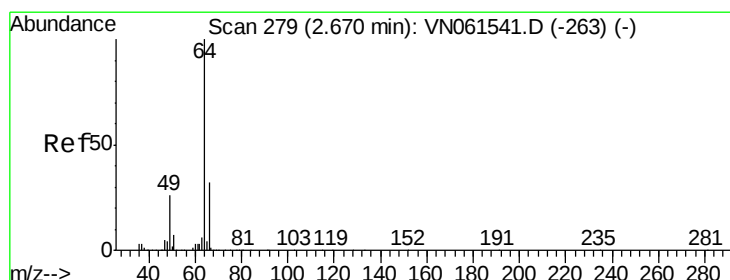
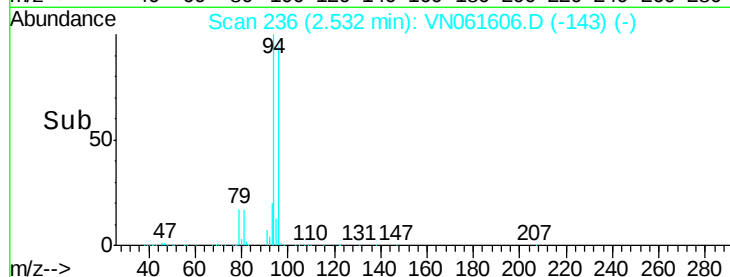
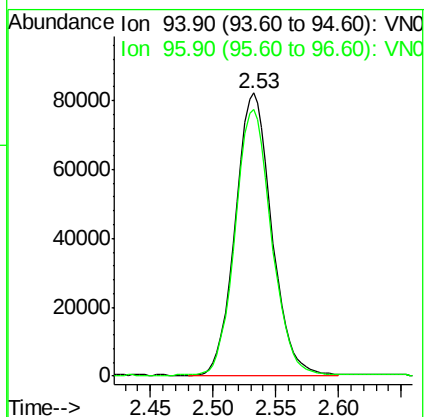
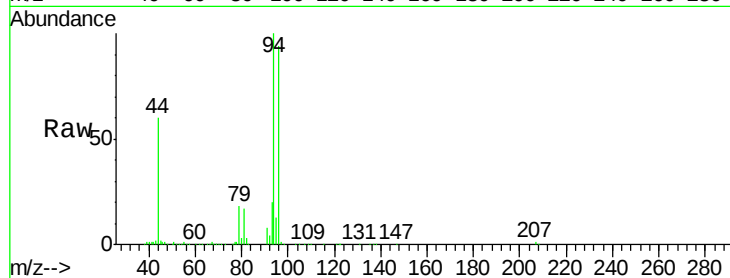
96 93.8 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 40.039 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061606.D

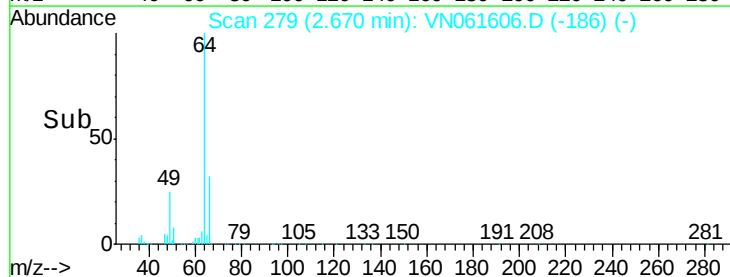
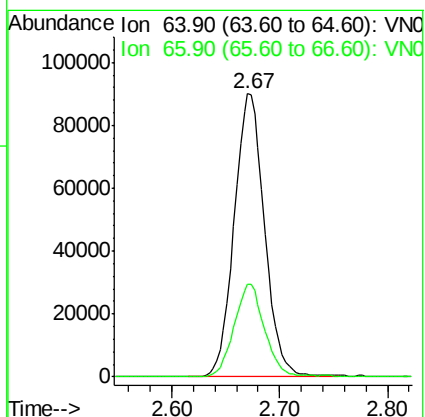
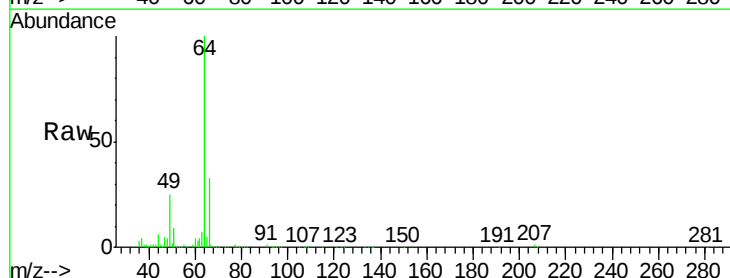
Acq: 1 Jun 2020 19:39

Tgt Ion: 64 Resp: 175306

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4





#7

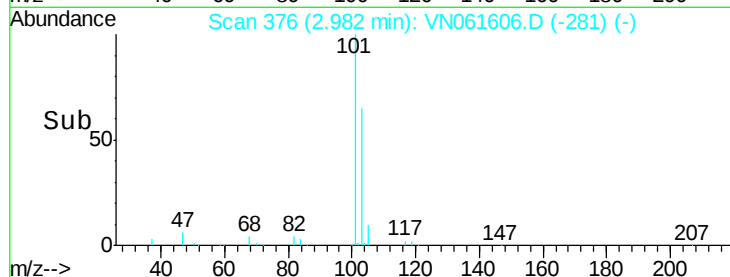
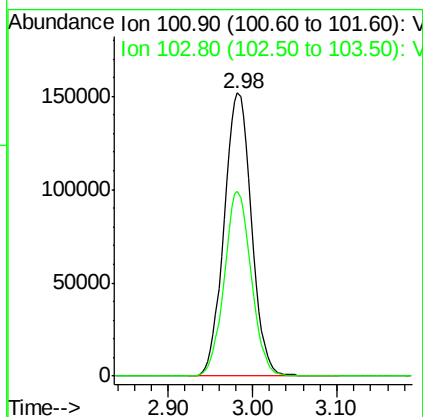
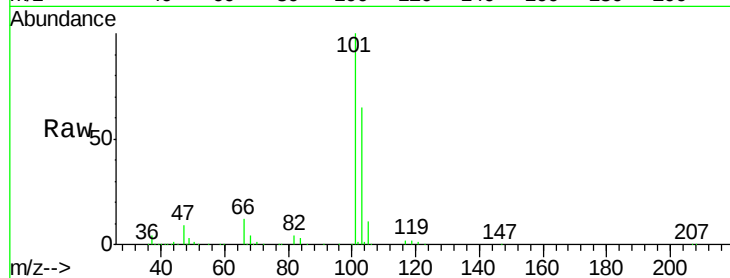
Trichlorofluoromethane
 Concen: 39.076 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.01 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.4	77.2

Manual Integrations
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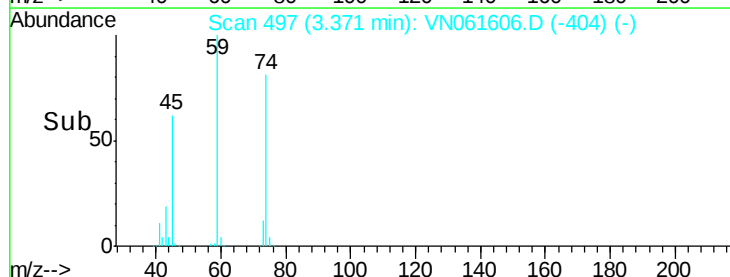
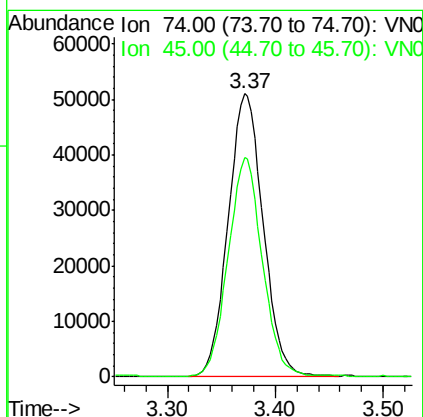
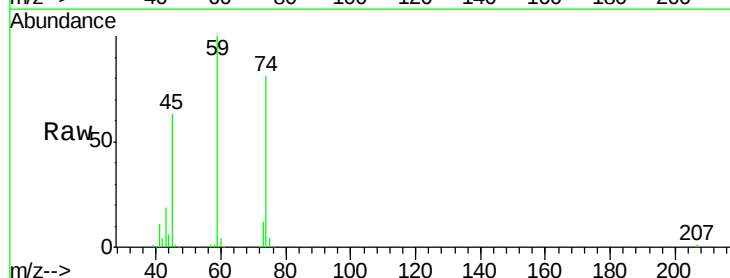
MMDadoda
 6/2/2020 4:01:39 PM



#8

Diethyl Ether
 Concen: 43.143 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	75.7	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.182 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

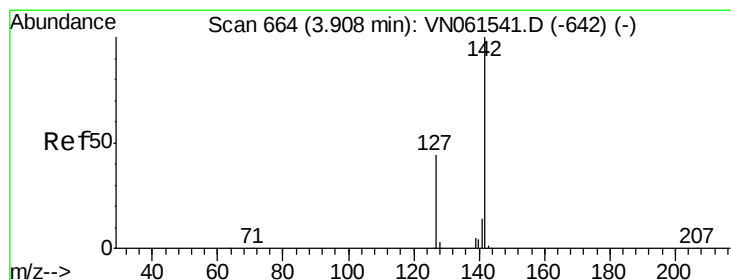
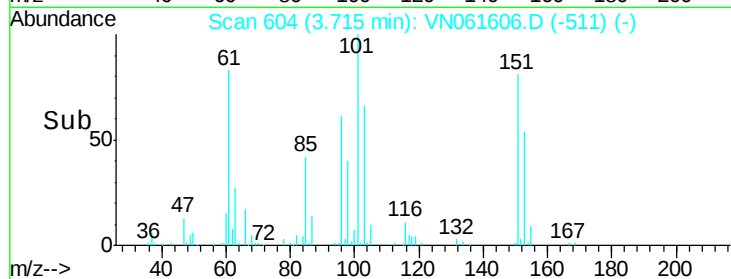
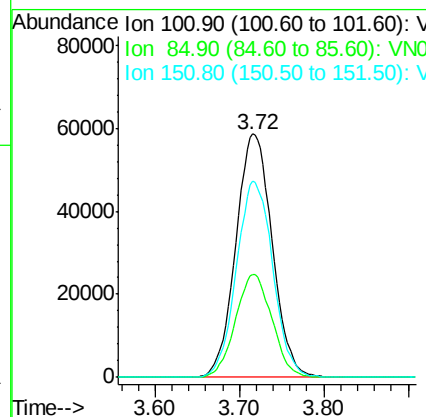
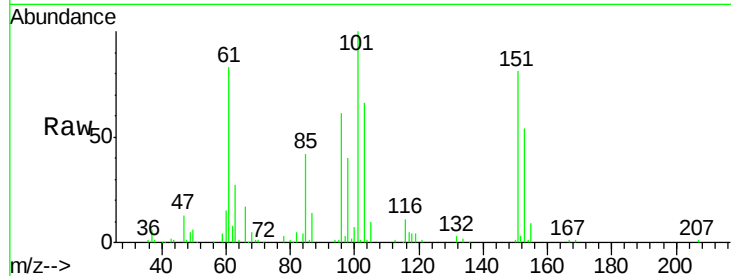
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	175870
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.2	52.8
151	80.7	61.0	91.6

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#10

Methyl Iodide

Concen: 45.079 ug/l

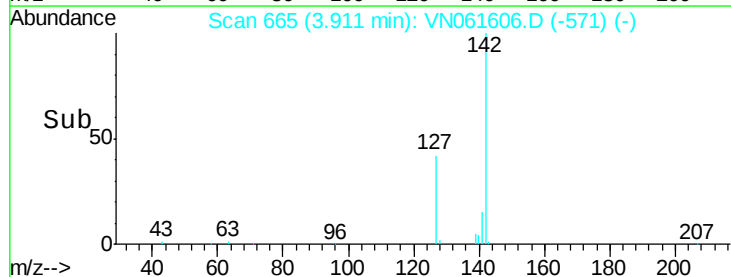
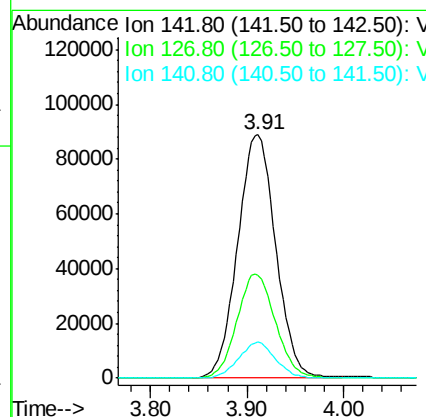
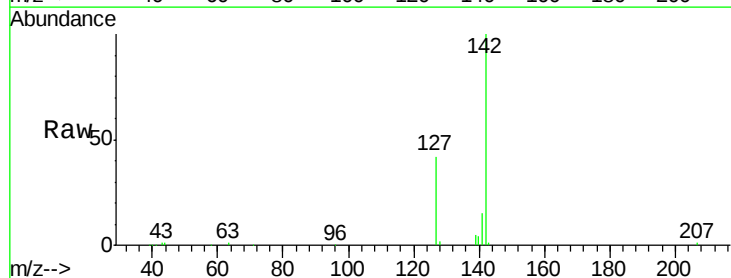
RT: 3.91 min Scan# 665

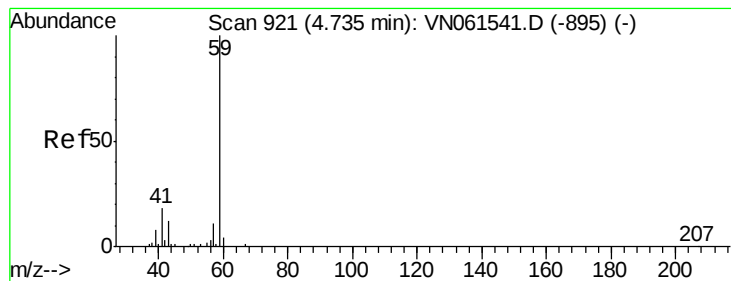
Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	142	Resp:	243583
Ion Ratio	Lower	Upper	
142	100		
127	43.1	35.5	53.3
141	14.2	11.5	17.3





#11

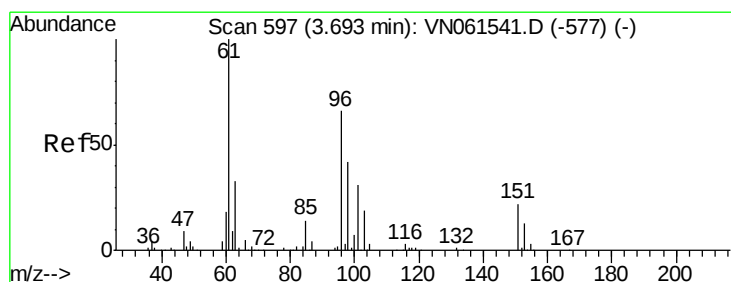
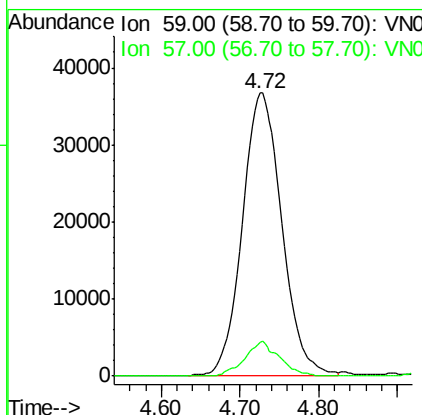
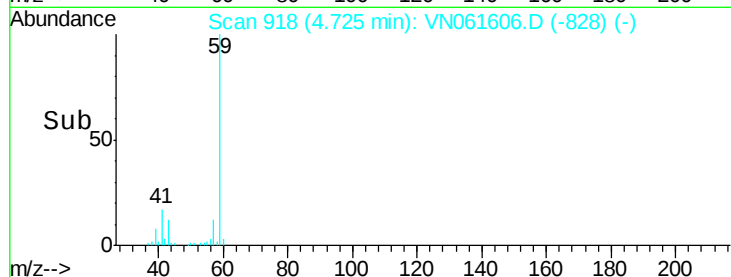
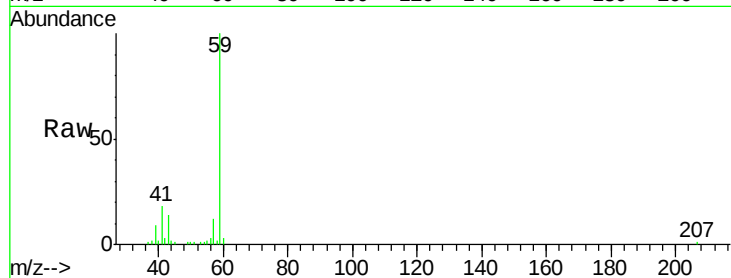
Tert butyl alcohol
Concen: 201.353 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

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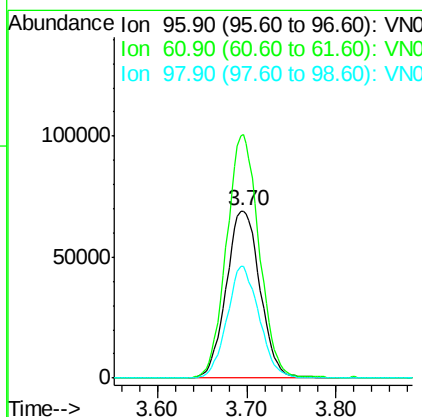
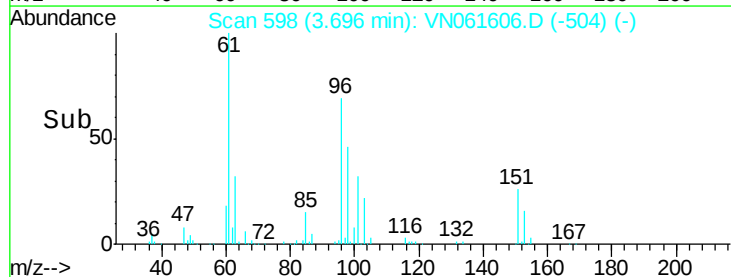
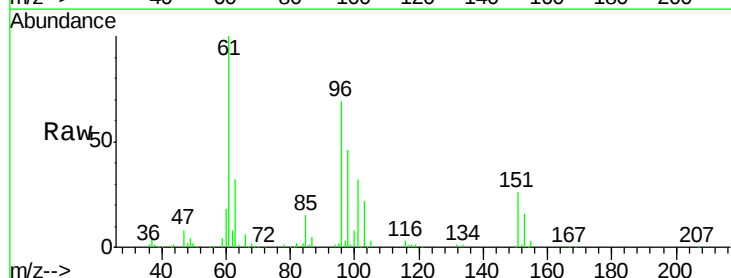
MMDadoda
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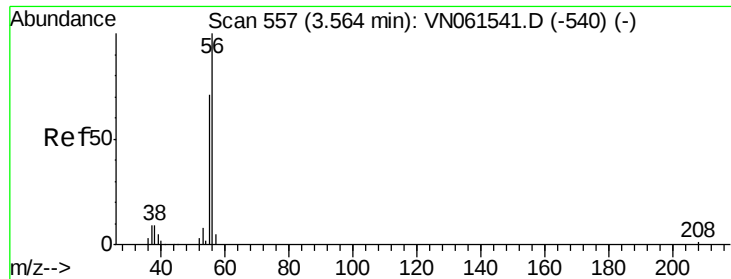


#12

1,1-Dichloroethene
Concen: 43.782 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.2	120.5	180.7
98	66.5	50.8	76.2





#13

Acrolein

Concen: 269.669 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 49933

Ion Ratio Lower Upper

56 100

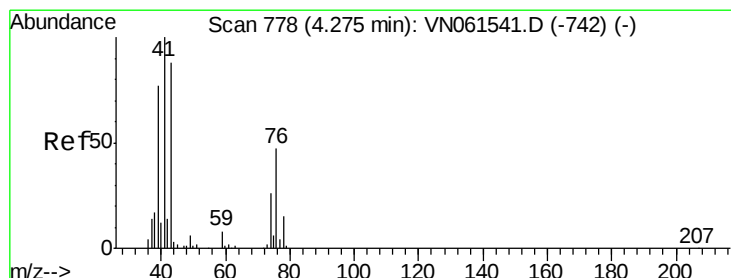
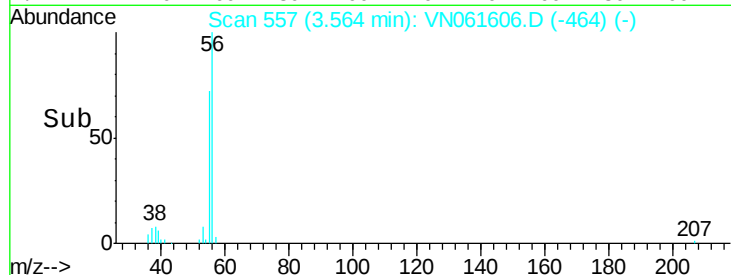
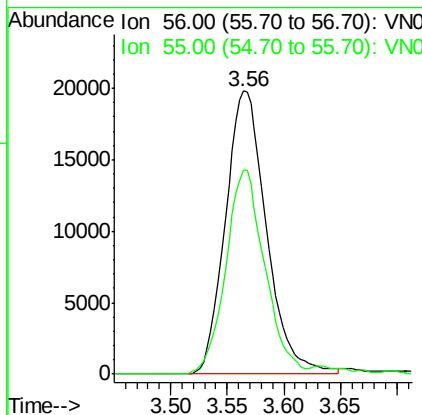
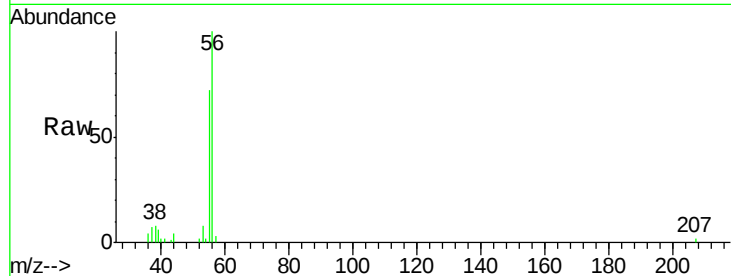
55 68.4 58.0 87.0

Manual Integrations

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#14

Allyl chloride

Concen: 40.488 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

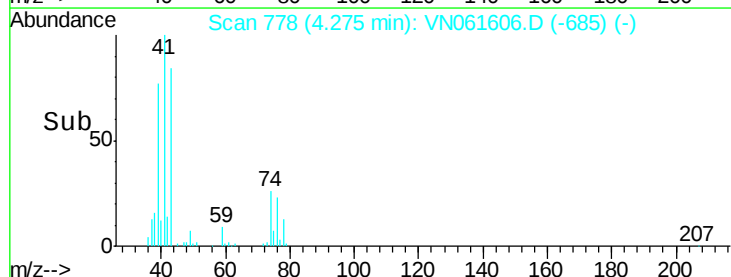
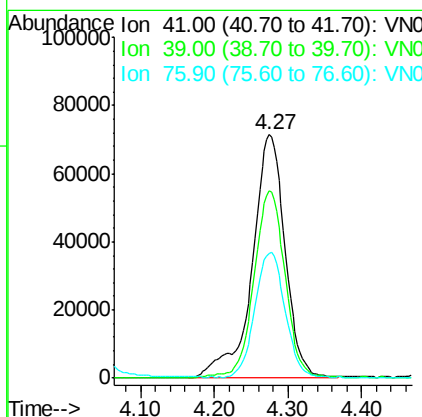
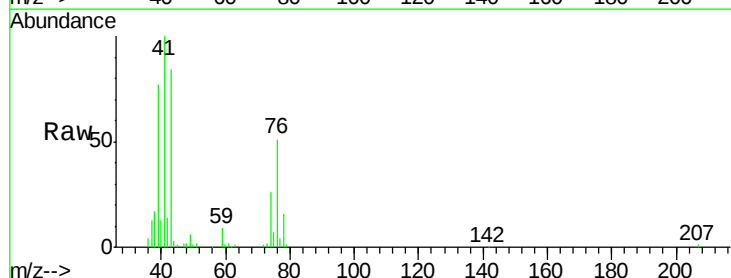
Tgt Ion: 41 Resp: 220121

Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

76 47.2 34.2 51.4





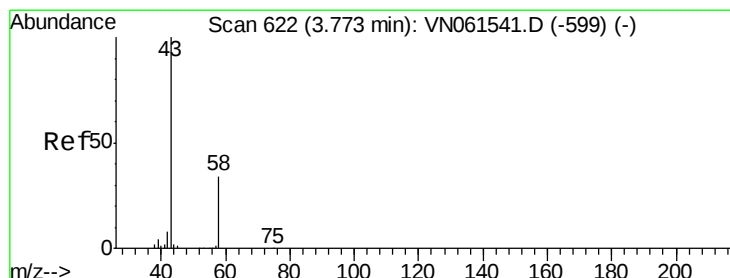
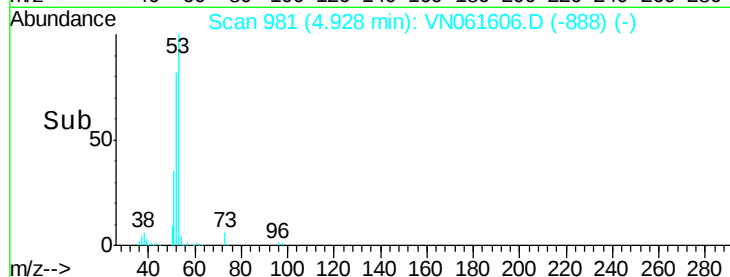
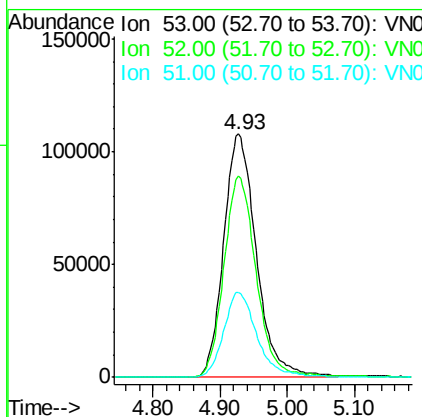
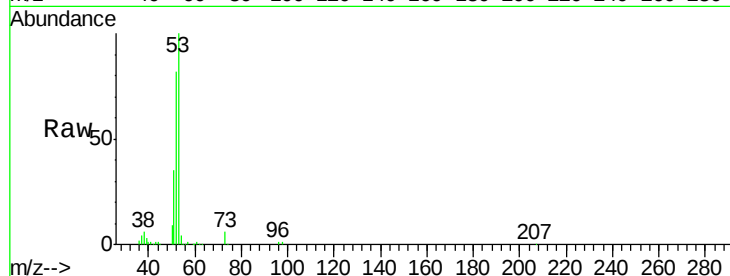
#15
 Acrylonitrile
 Concen: 202.615 ug/l
 RT: 4.93 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	364749
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.4	98.2
51	35.5	29.0	43.6

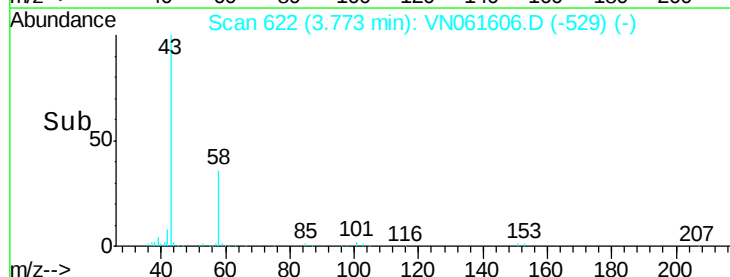
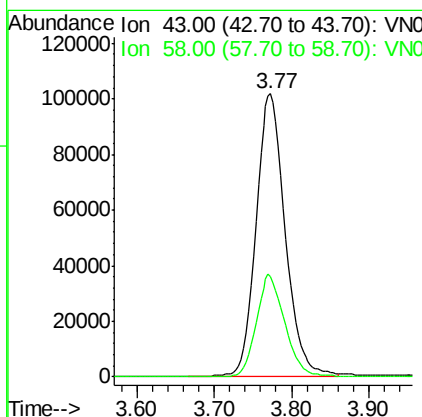
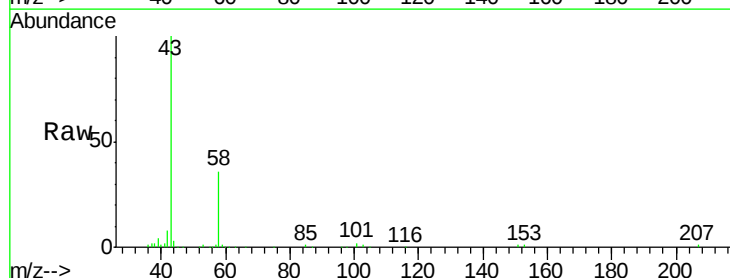
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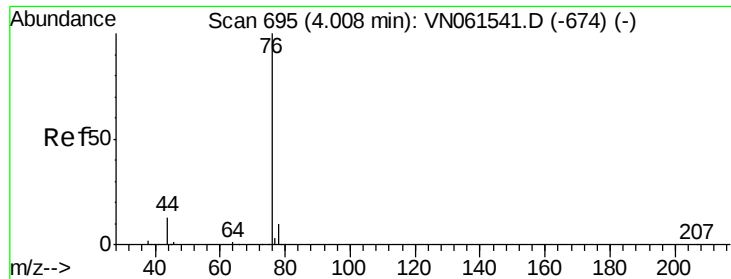
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#16
 Acetone
 Concen: 200.474 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion:	43	Resp:	269544
Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.2	40.8





#17

Carbon Disulfide

Concen: 44.496 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 407108

Ion Ratio Lower Upper

76 100

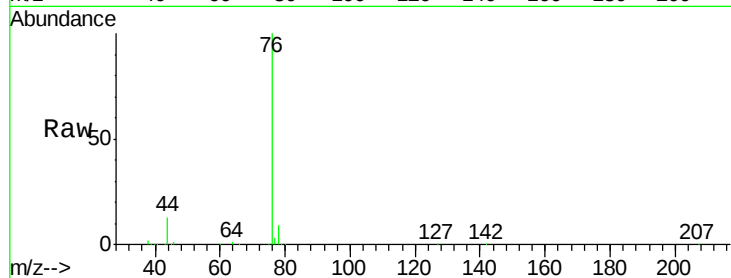
78 8.6 7.8 11.6

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

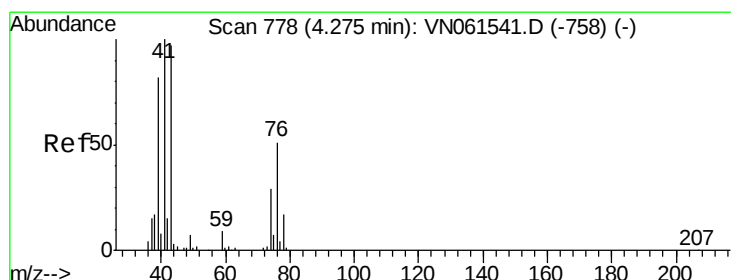
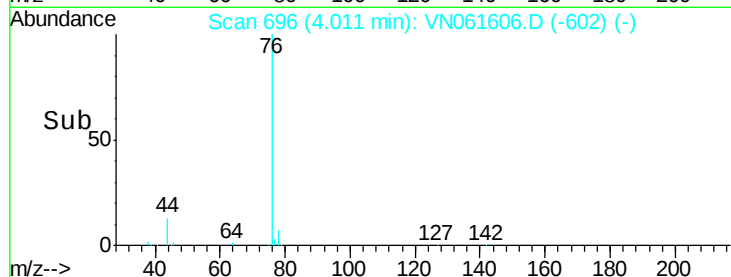
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 38.854 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061606.D

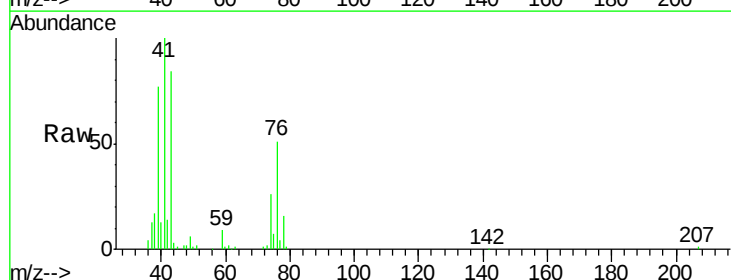
Acq: 1 Jun 2020 19:39

Tgt Ion: 43 Resp: 170551

Ion Ratio Lower Upper

43 100

74 30.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.27

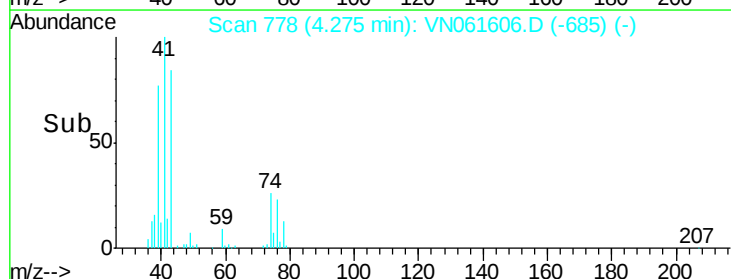
60000

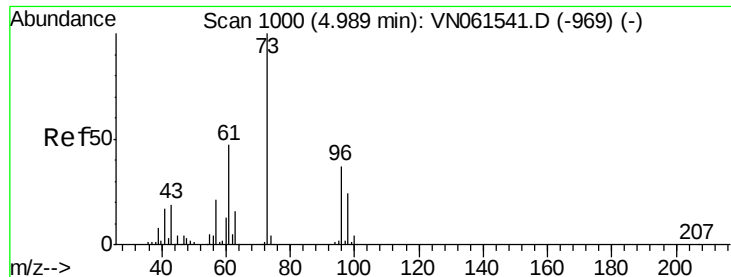
40000

20000

0

Time-->





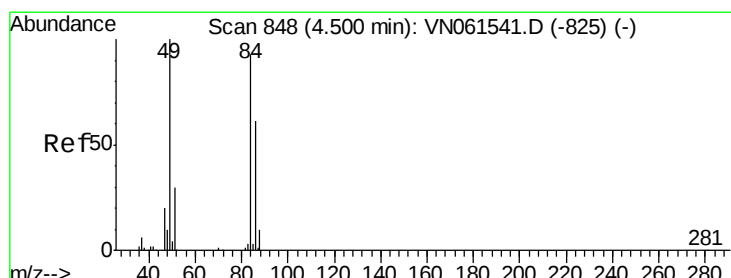
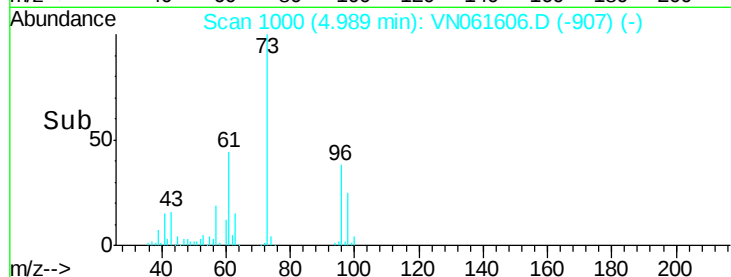
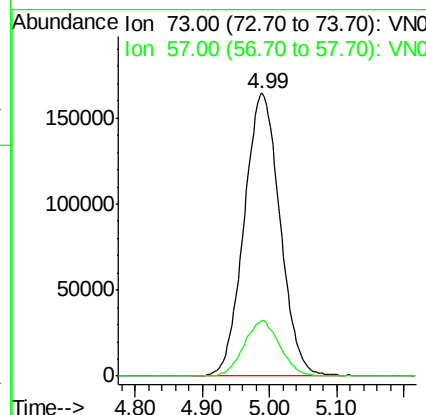
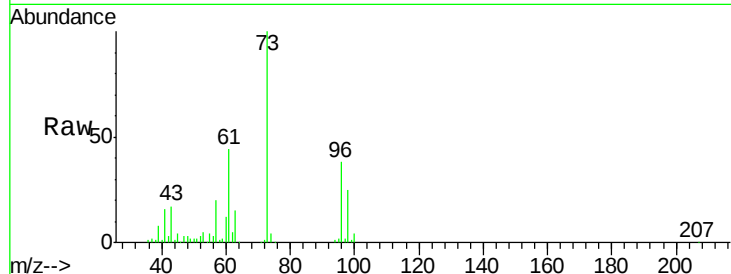
#19
Methvl tert-butvl Ether
Concen: 43.019 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 609714
Ion Ratio Lower Upper
73 100
57 19.8 16.4 24.6

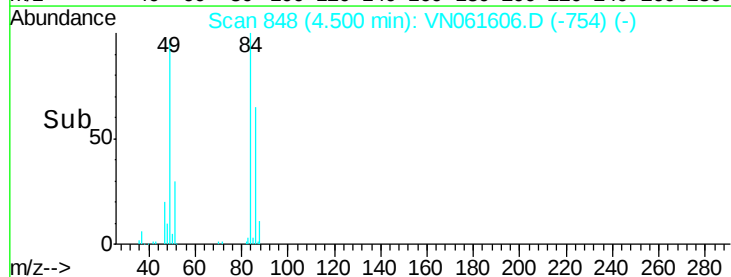
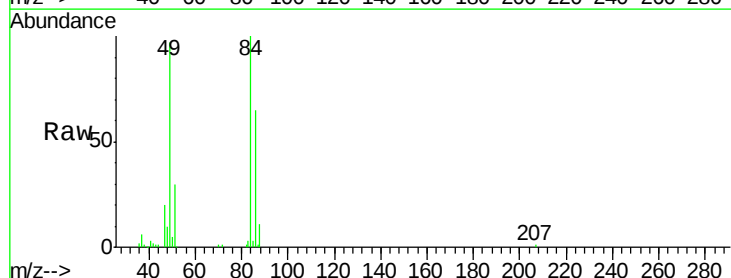
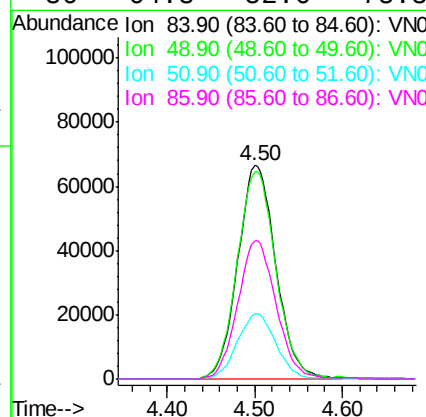
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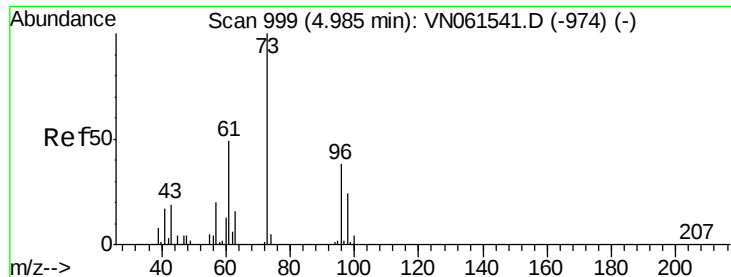
MMDadoda
6/2/2020 4:01:39 PM



#20
Methylene Chloride
Concen: 45.508 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 84 Resp: 201255
Ion Ratio Lower Upper
84 100
49 96.9 85.8 128.8
51 30.4 26.2 39.2
86 64.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 43.207 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

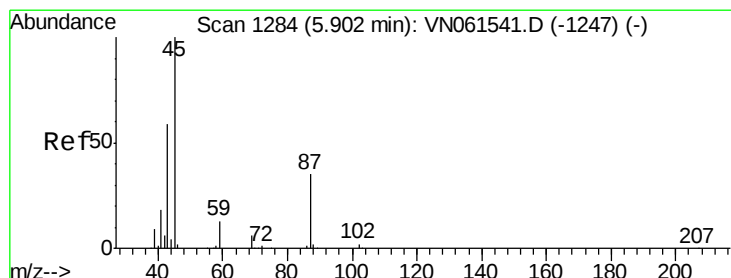
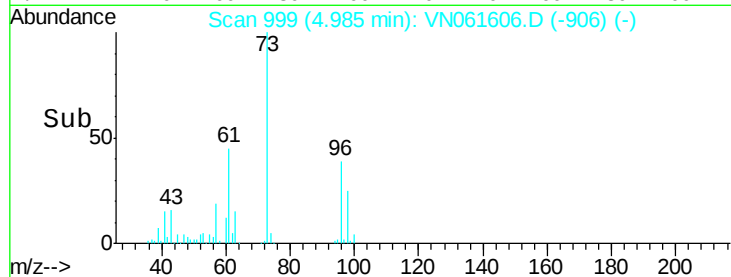
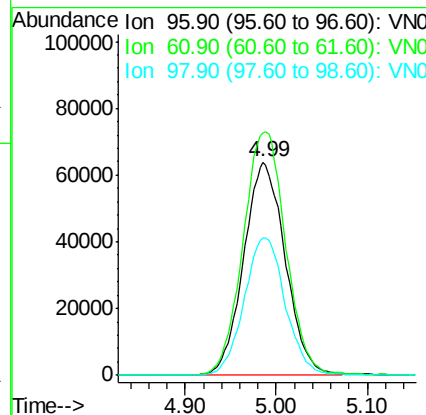
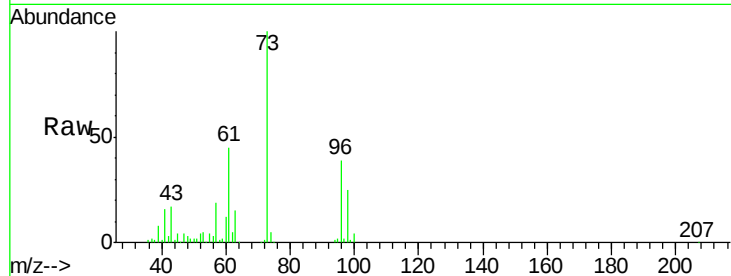
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	202633
Ion	Ratio	Lower	Upper
96	100		
61	113.7	101.4	152.0
98	64.4	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 42.156 ug/l

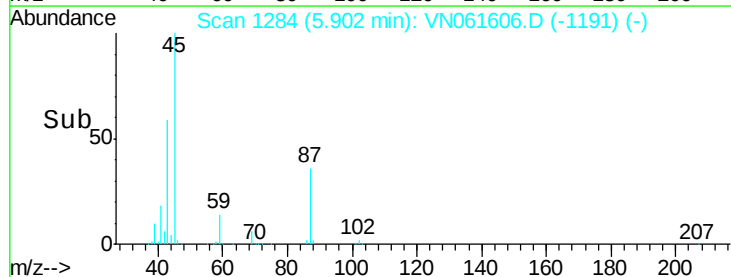
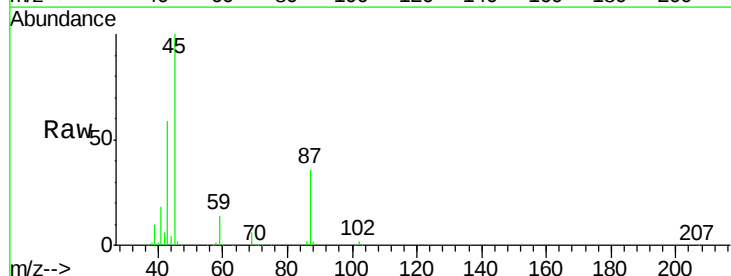
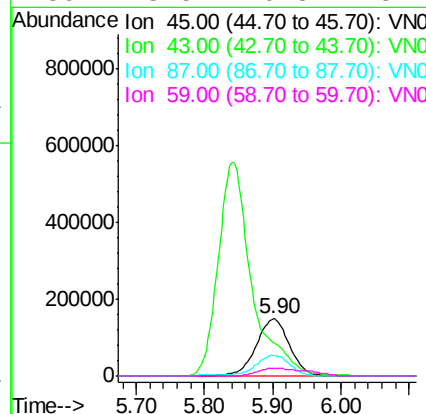
RT: 5.90 min Scan# 1284

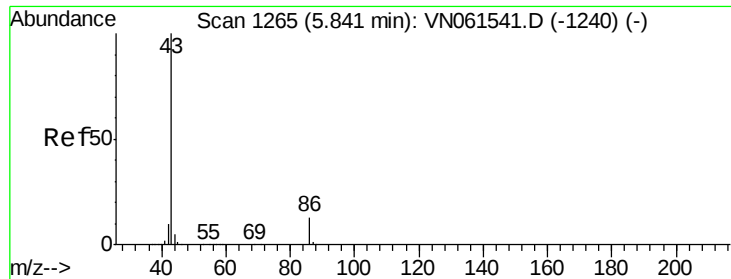
Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	45	Resp:	505141
Ion	Ratio	Lower	Upper
45	100		
43	57.1	47.9	71.9
87	35.6	28.4	42.6
59	13.5	10.5	15.7





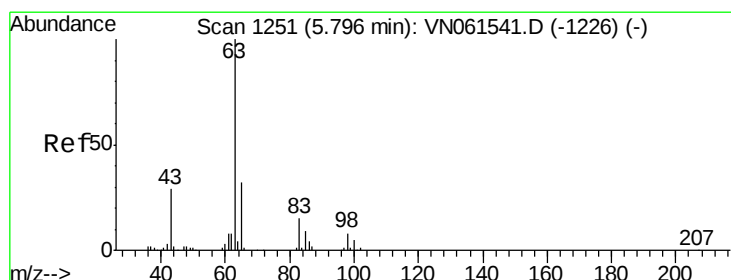
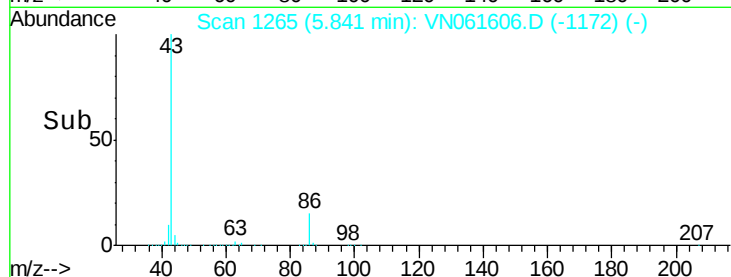
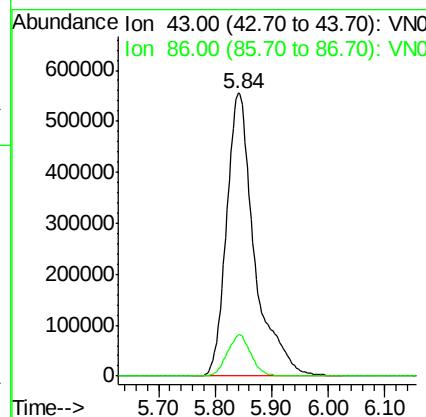
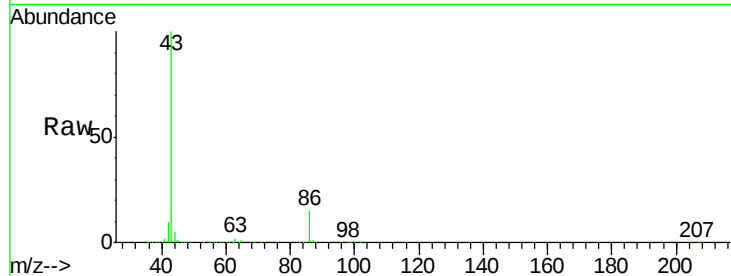
#23
 Vinyl Acetate
 Concen: 199.948 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1909619
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.6 16.0

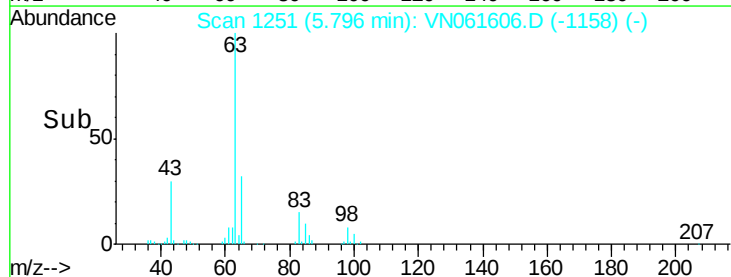
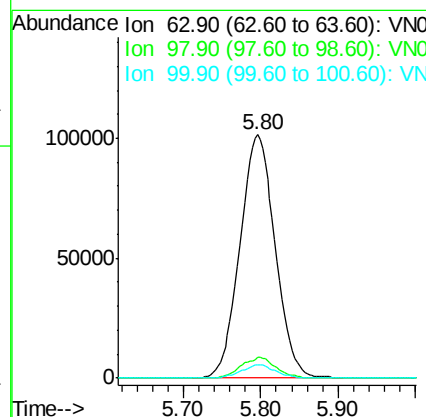
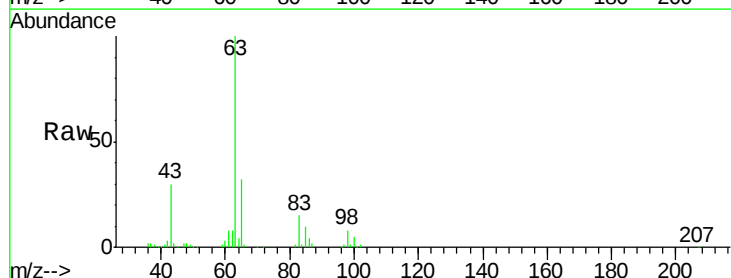
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 42.277 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion: 63 Resp: 321241
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.4
 100 5.3 2.5 7.6





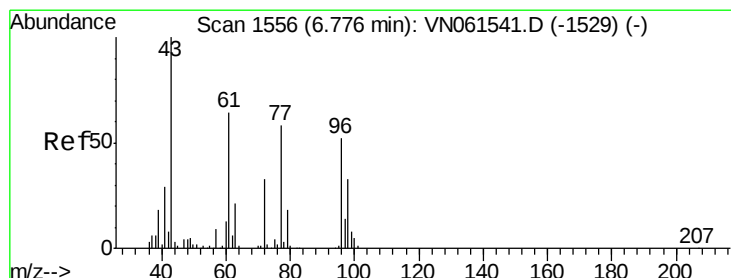
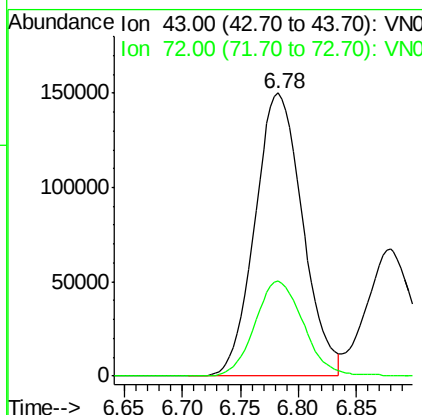
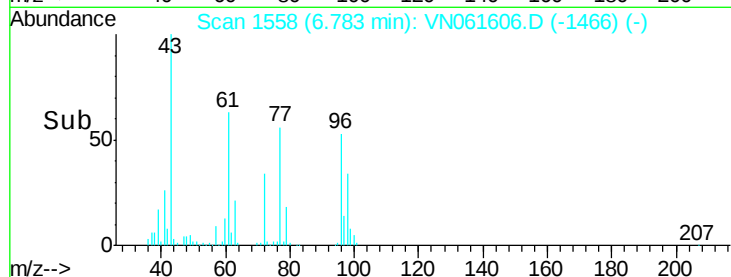
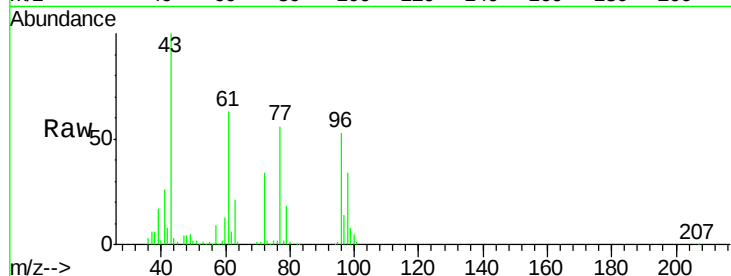
#25
2-Butanone
Concen: 186.256 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 428021
Ion Ratio Lower Upper
43 100
72 33.6 26.0 39.0

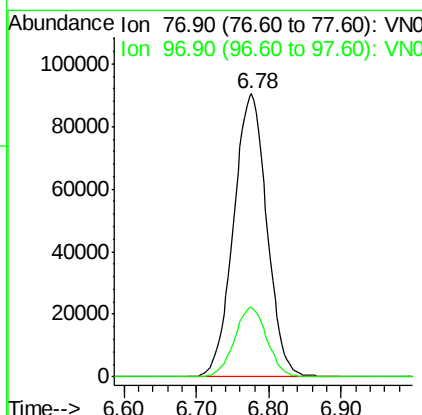
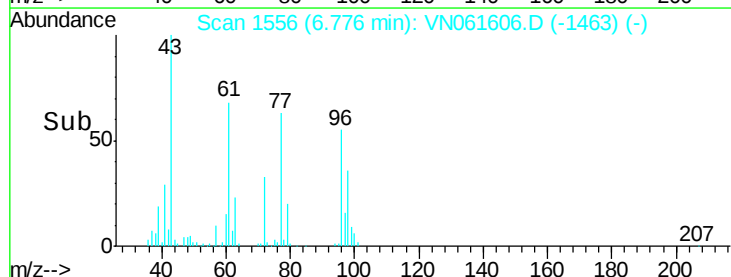
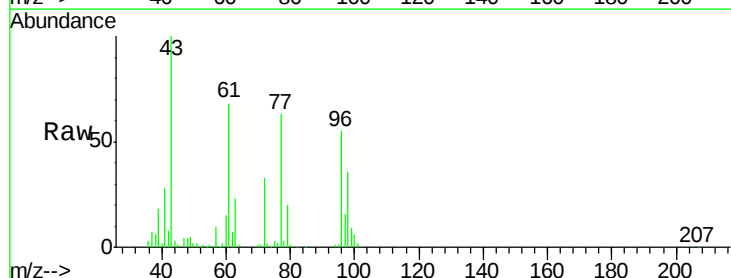
Manual Integrations
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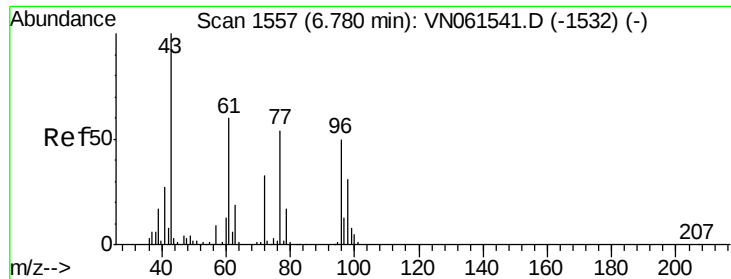
MMDadoda
6/2/2020 4:01:39 PM



#26
2,2-Dichloropropane
Concen: 41.541 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 77 Resp: 288905
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 44.339 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

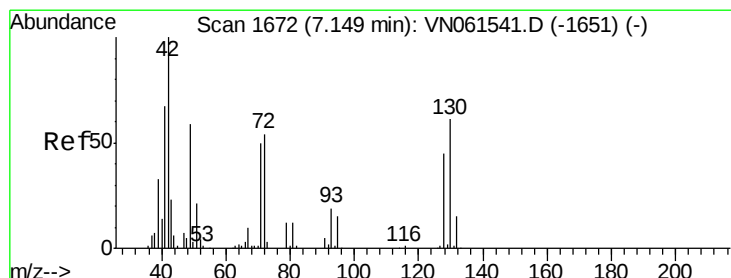
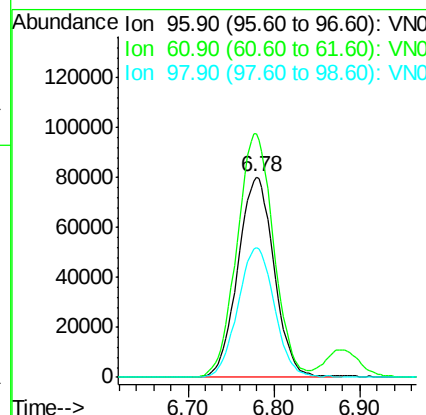
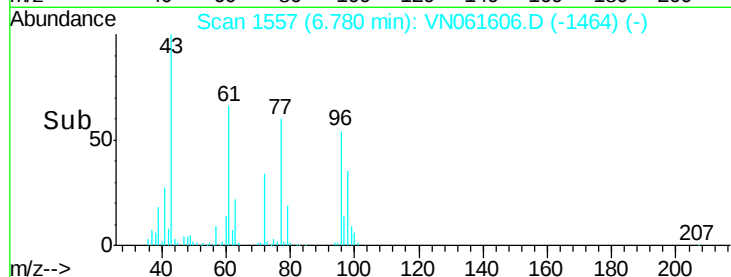
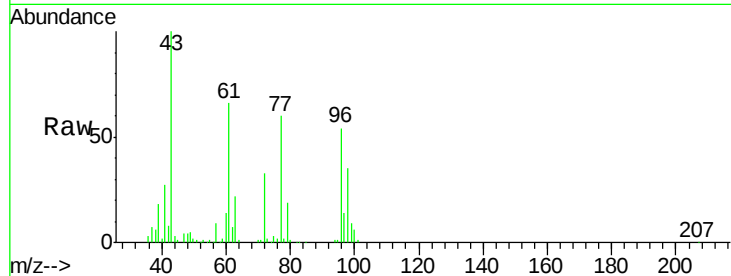
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	235467
Ion Ratio	Lower	Upper	
96	100		
61	122.7	0.0	252.2
98	65.2	0.0	129.2

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#28

Bromochloromethane

Concen: 45.265 ug/l

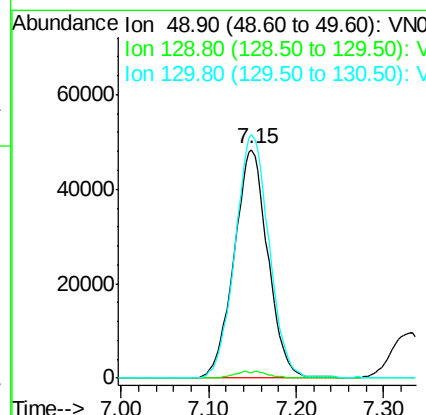
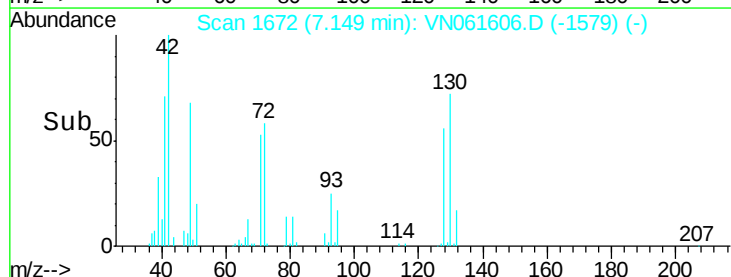
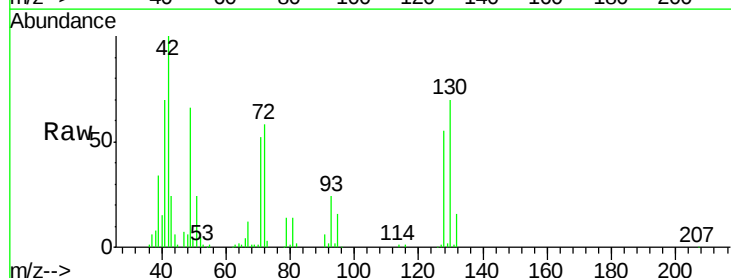
RT: 7.15 min Scan# 1672

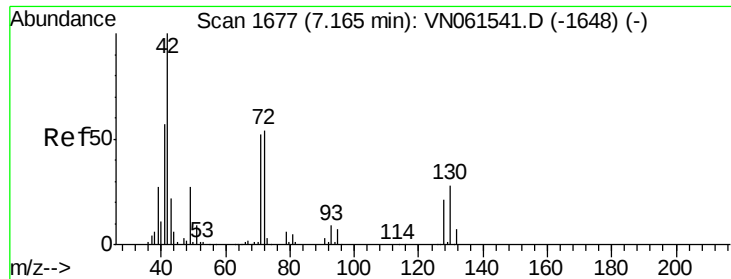
Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	49	Resp:	129496
Ion Ratio	Lower	Upper	
49	100		
129	1.6	0.0	4.8
130	107.1	78.8	118.2





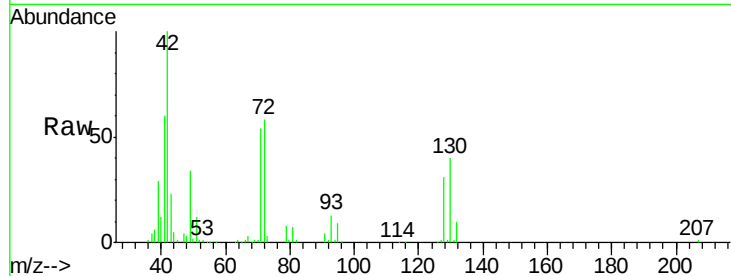
#29
Tetrahydrofuran
Concen: 186.308 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

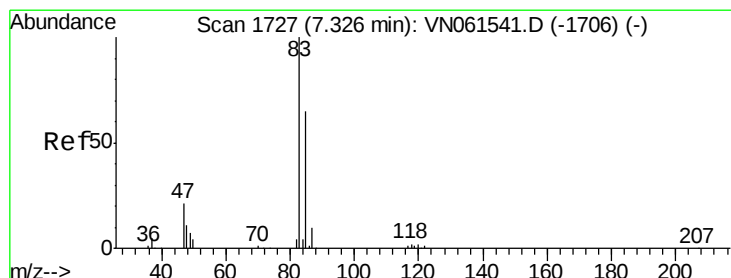
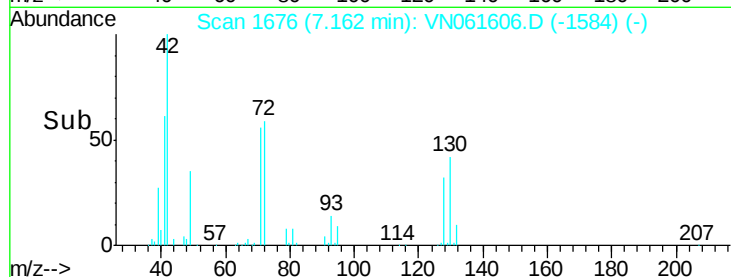
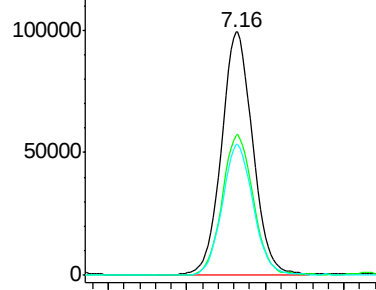
Tot Ion	Ratio	Lower	Upper
42	100		
72	57.2	43.6	65.4
71	53.1	41.2	61.8

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6/2/2020 4:01:39 PM

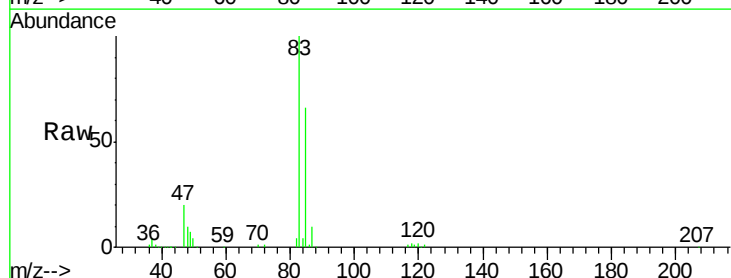


Abundance Ion 42.00 (41.70 to 42.70): VN061541.D (-1648) (-)

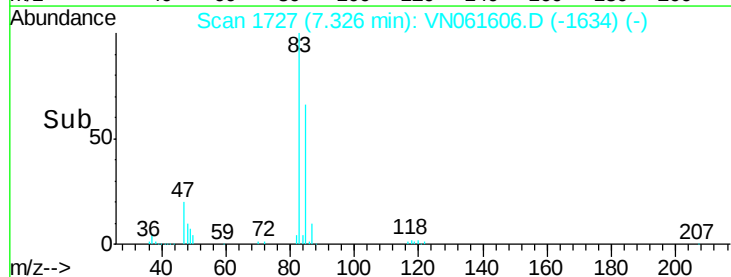
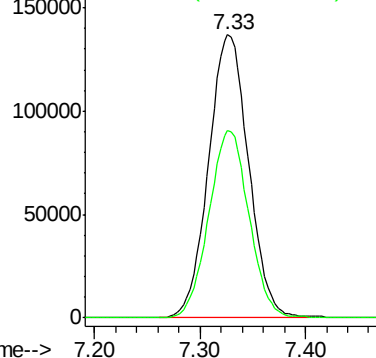


#30
Chloroform
Concen: 42.928 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.7	77.5



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-1706) (-)





#31

Cvclohexane

Concen: 40.604 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

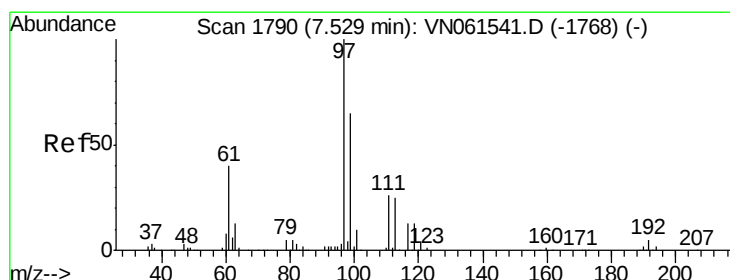
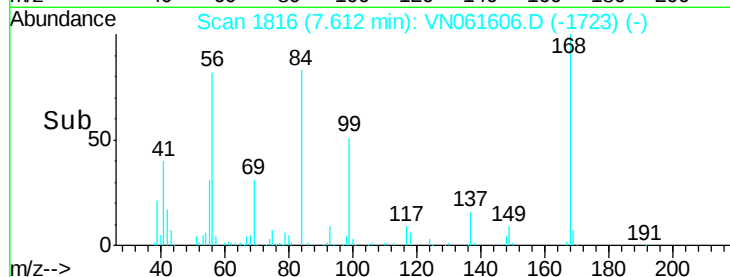
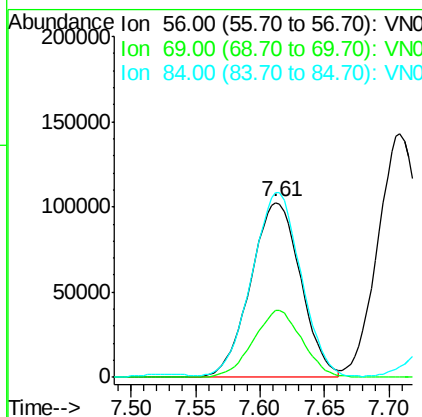
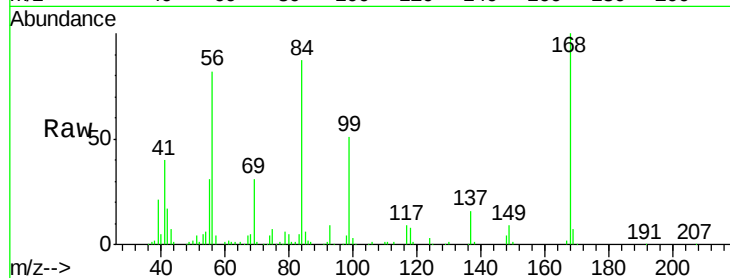
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	277477
Ion Ratio	Lower	Upper	
56	100		
69	38.0	27.8	41.8
84	104.6	79.9	119.9

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6/2/2020 4:01:39 PM



#32

1,1,1-Trichloroethane

Concen: 43.720 ug/l

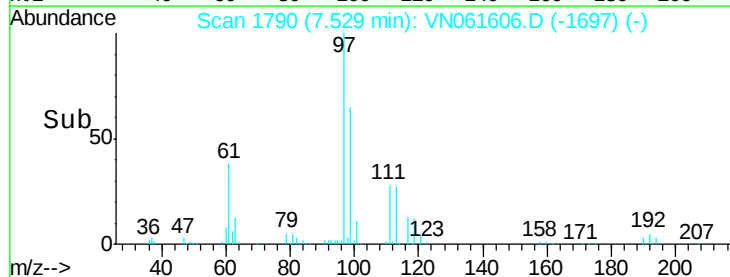
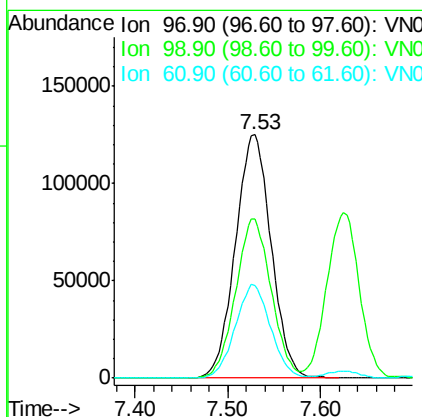
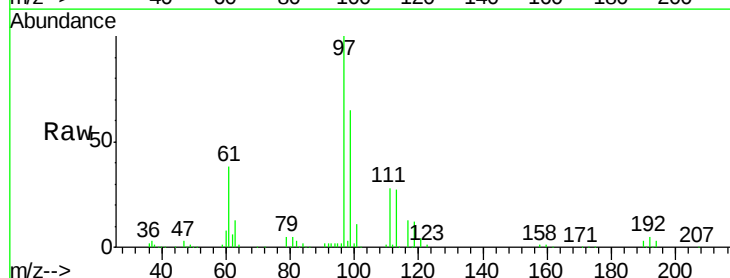
RT: 7.53 min Scan# 1790

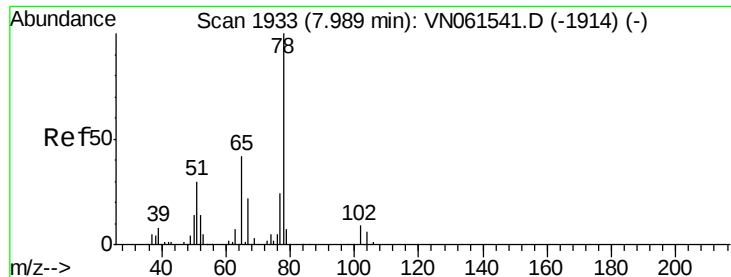
Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	97	Resp:	334888
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.4	77.0
61	37.7	31.4	47.0





#33

1,2-Dichloroethane-d4

Concen: 41.861 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 202981

Ion Ratio Lower Upper

65 100

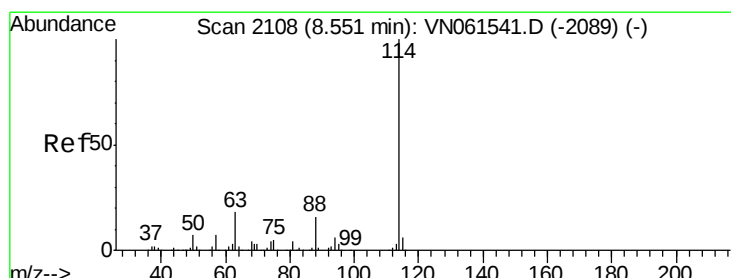
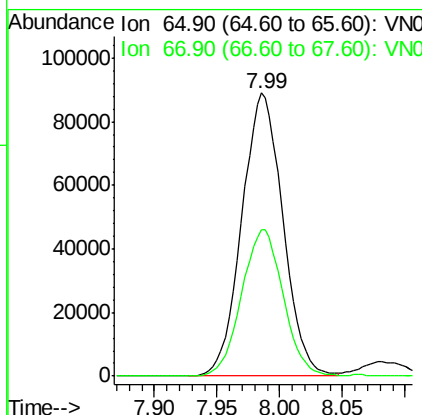
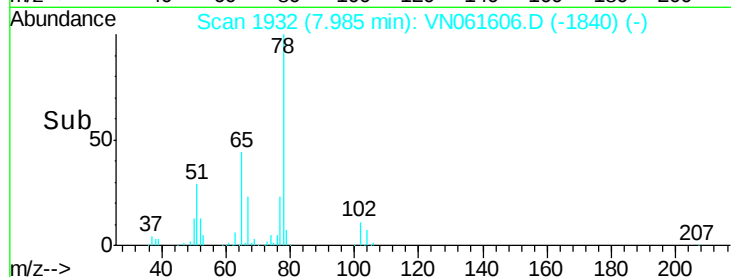
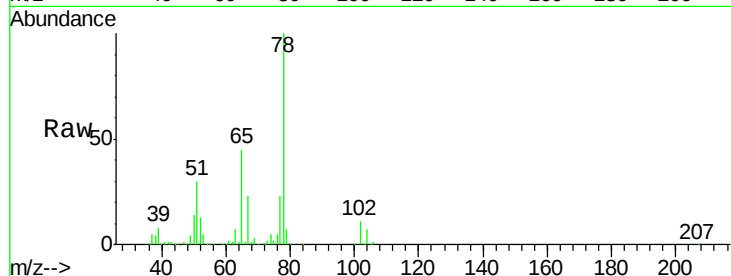
67 52.4 0.0 104.8

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6/2/2020 4:01:39 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

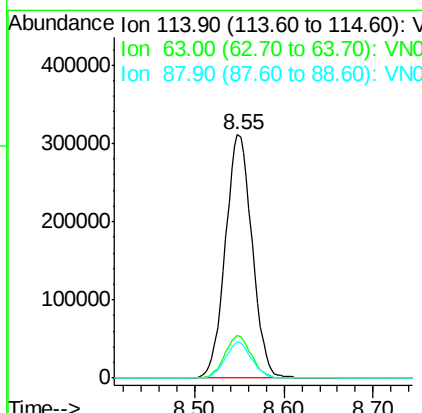
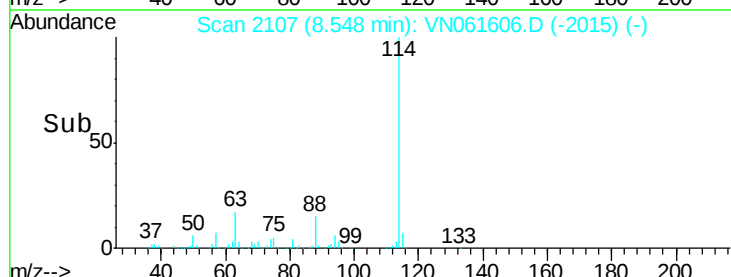
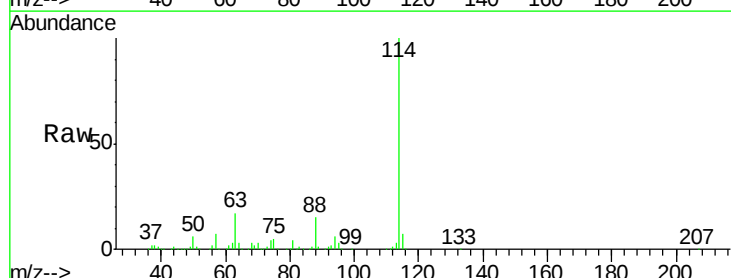
Tgt Ion: 114 Resp: 645019

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

88 14.8 0.0 31.0





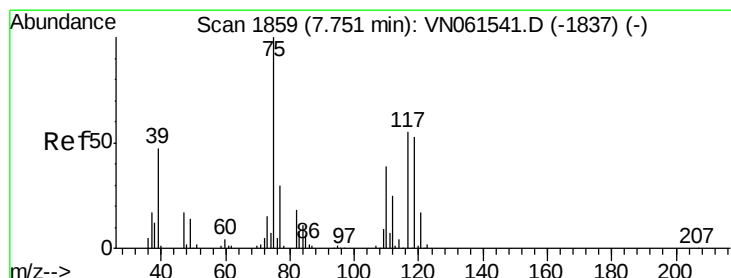
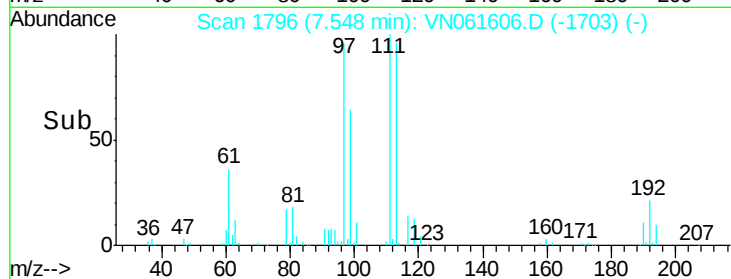
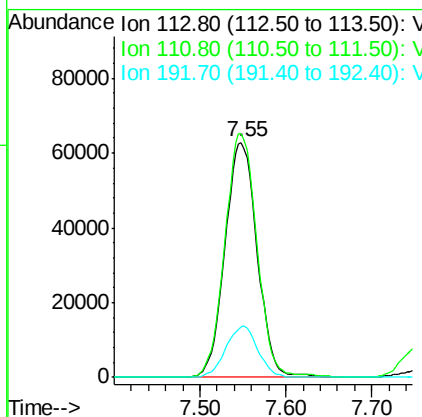
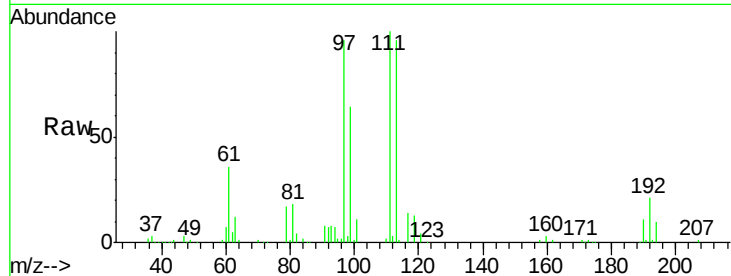
#35
 Dibromofluoromethane
 Concen: 49.809 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	162977		
111	103.3	83.4	125.0	
192	21.7	15.4	23.2	

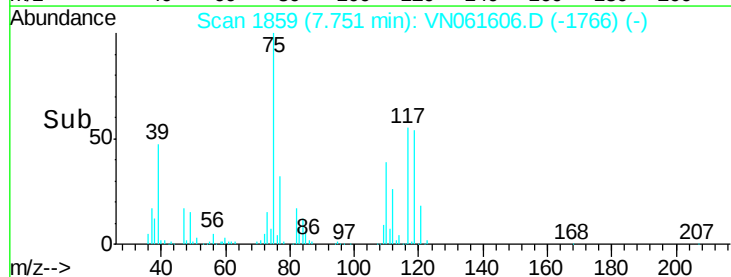
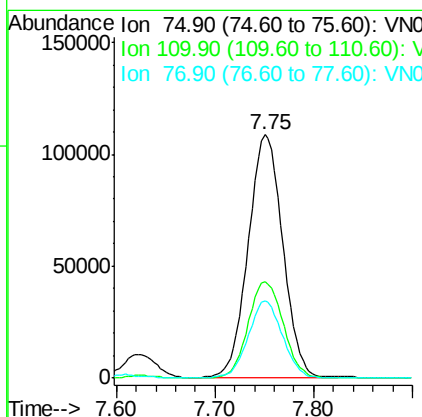
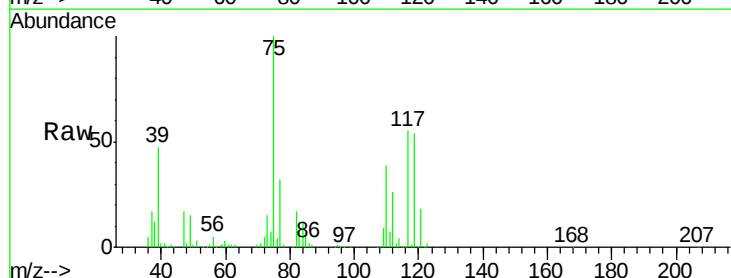
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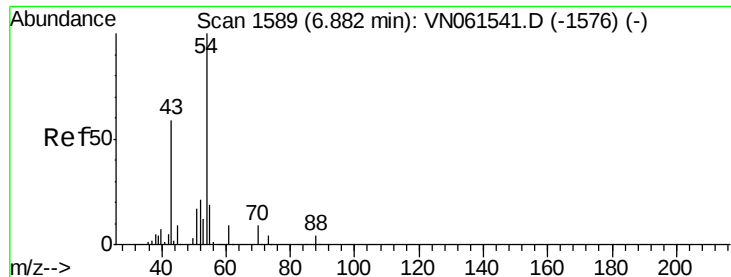
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#36
 1,1-Dichloropropene
 Concen: 46.072 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	263075		
110	40.2	19.5	58.5	
77	31.1	24.7	37.1	





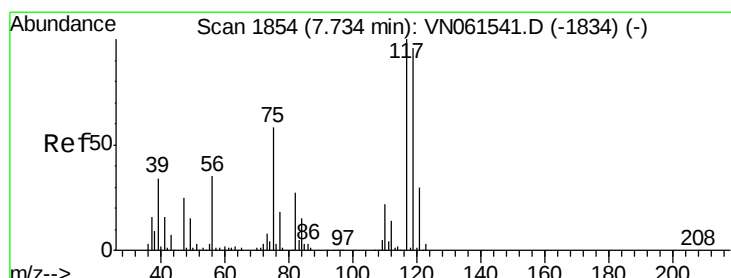
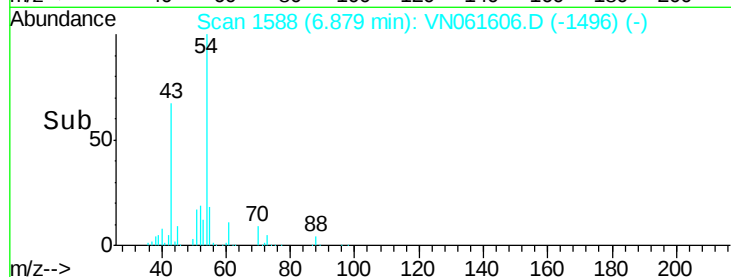
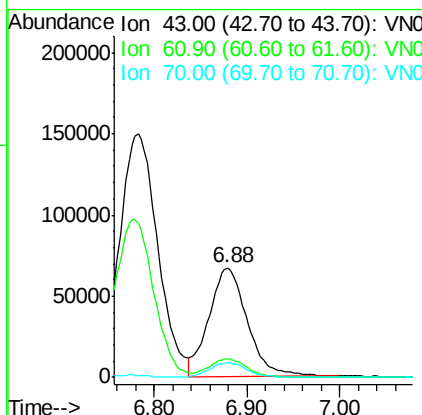
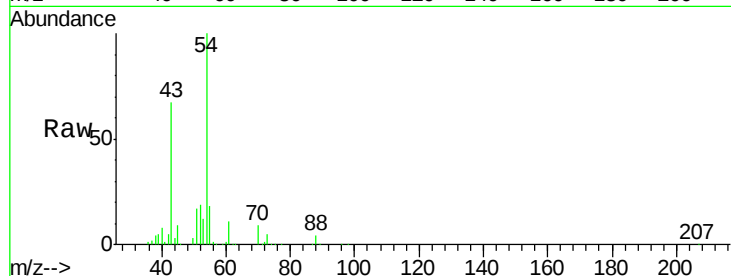
#37
Ethyl Acetate
Concen: 41.755 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.2	18.4
70	12.9	9.4	14.2

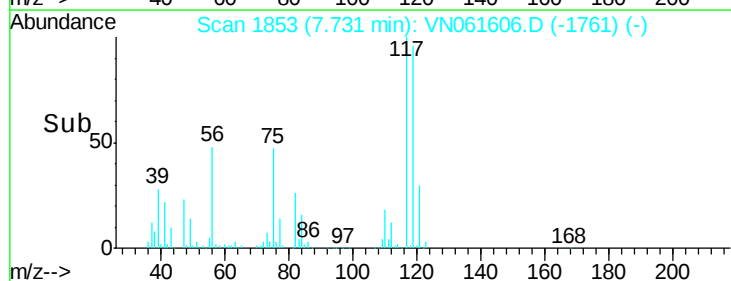
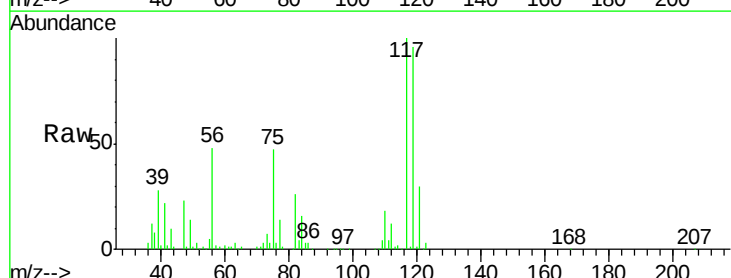
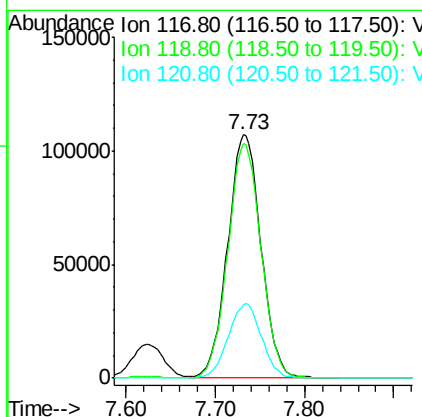
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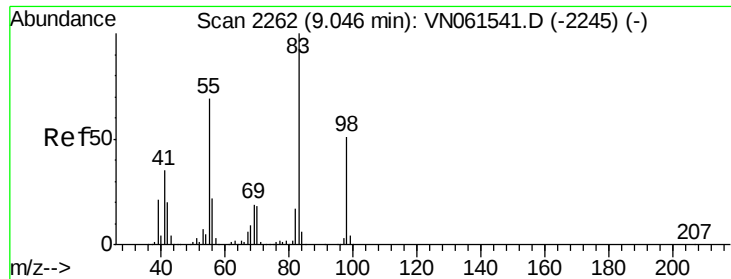
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#38
Carbon Tetrachloride
Concen: 50.323 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7
121	30.2	24.1	36.1





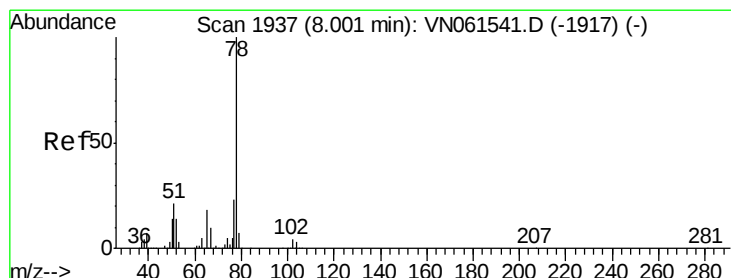
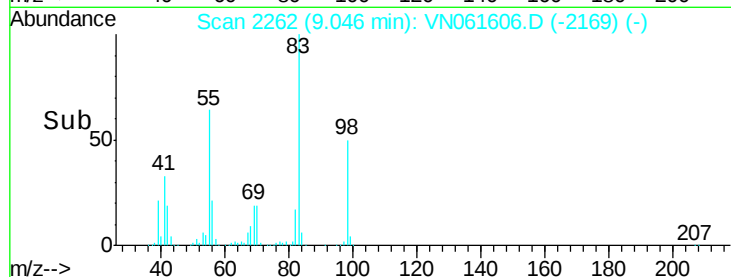
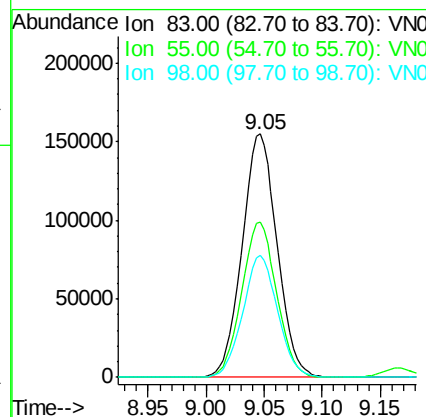
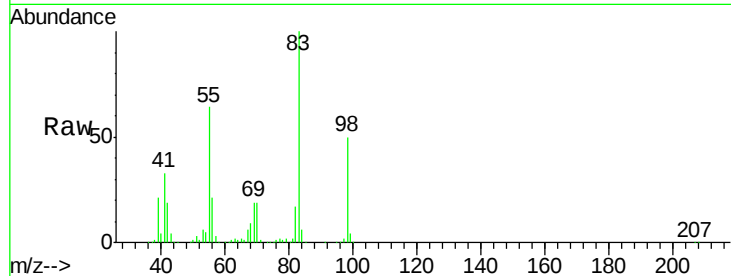
#39
Methvlcvclohexane
Concen: 46.108 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.8	54.9	82.3
98	50.1	41.0	61.4

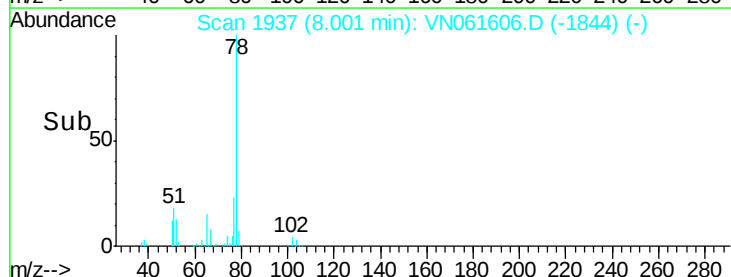
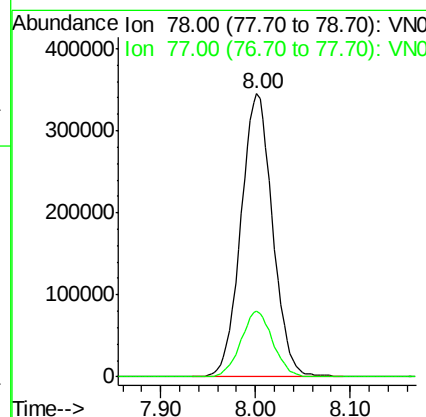
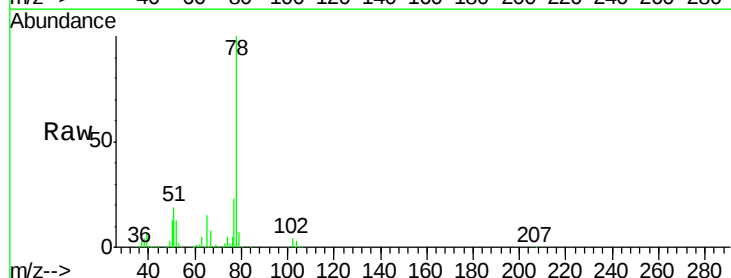
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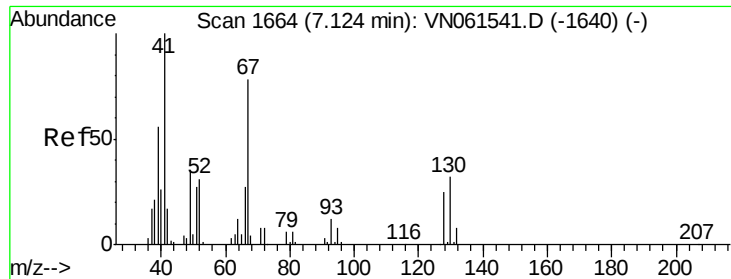
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#40
Benzene
Concen: 45.537 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





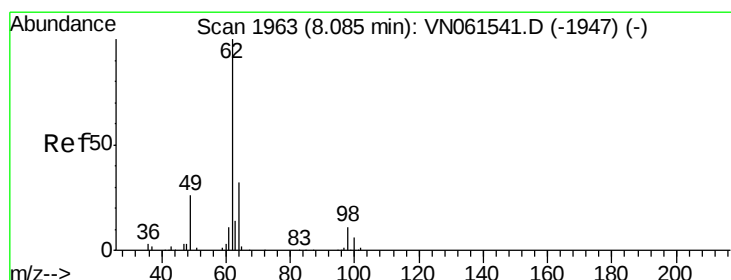
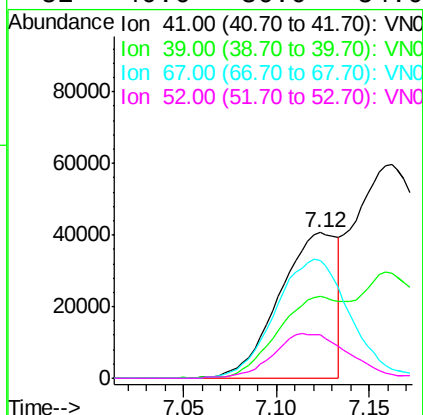
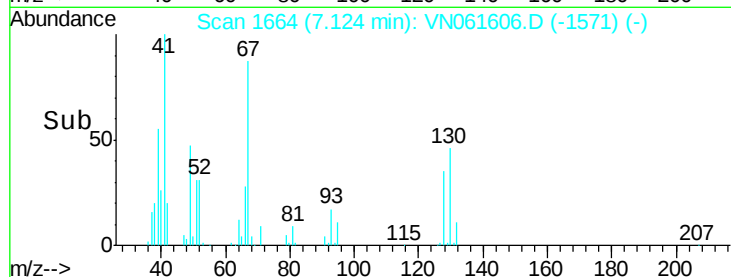
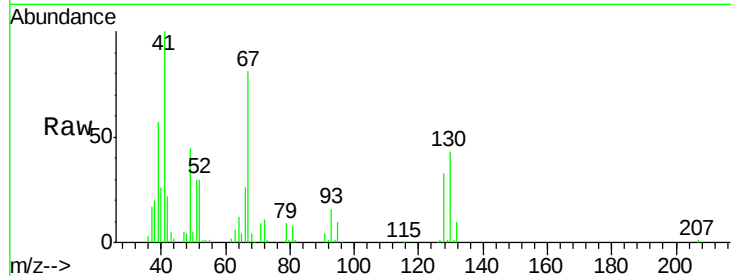
#41
Methacrylonitrile
Concen: 41.936 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.7	53.8	80.6	
67	106.0	91.1	136.7	
52	40.6	36.0	54.0	

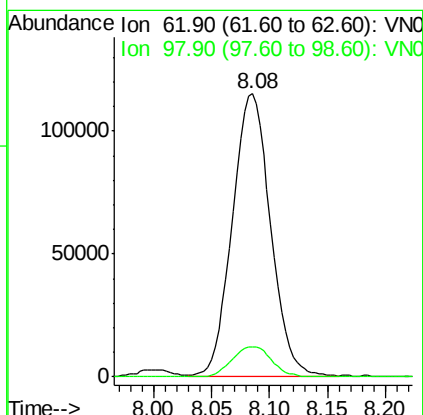
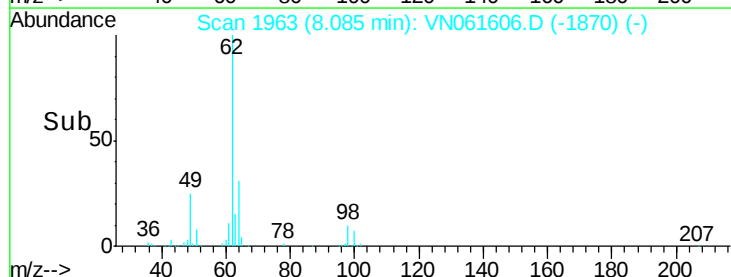
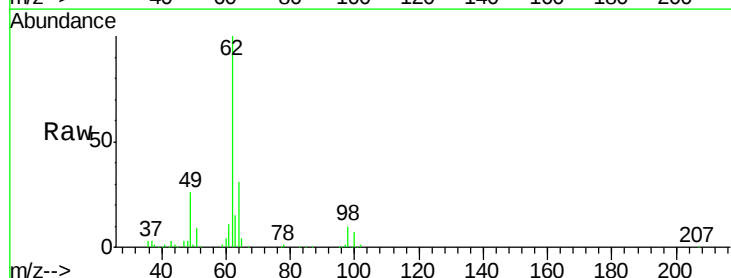
Manual Integrations
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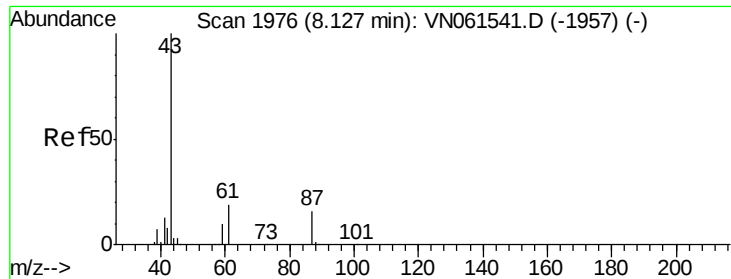
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#42
1,2-Dichloroethane
Concen: 44.402 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.1	0.0	21.4	





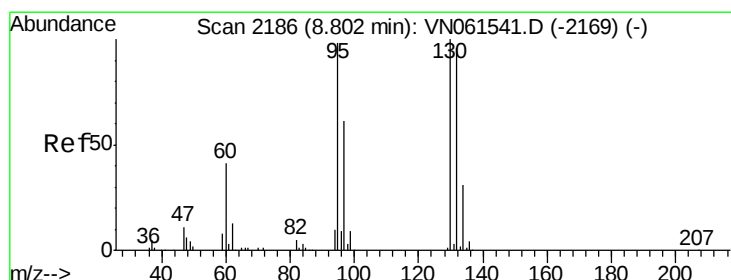
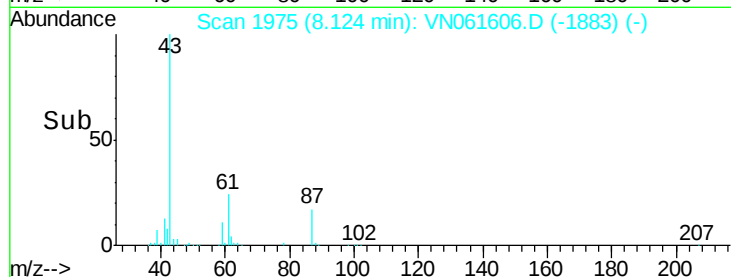
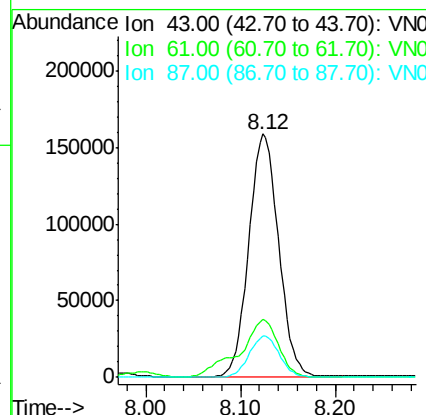
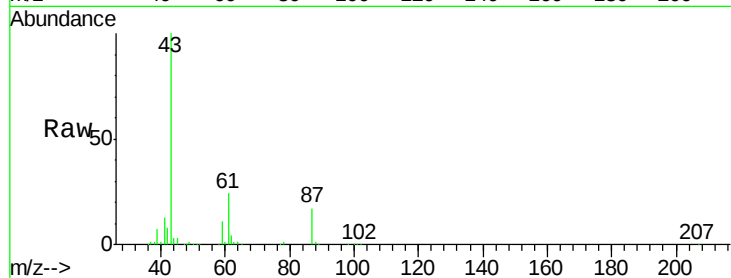
#43
Isopropyl Acetate
Concen: 42.055 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.4	23.6	35.4
87	17.2	13.0	19.6

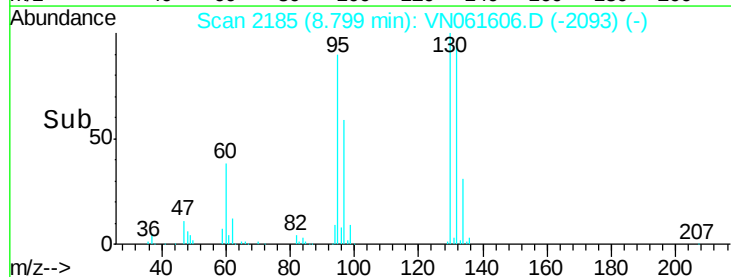
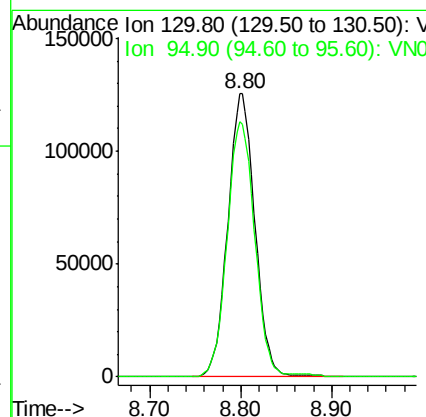
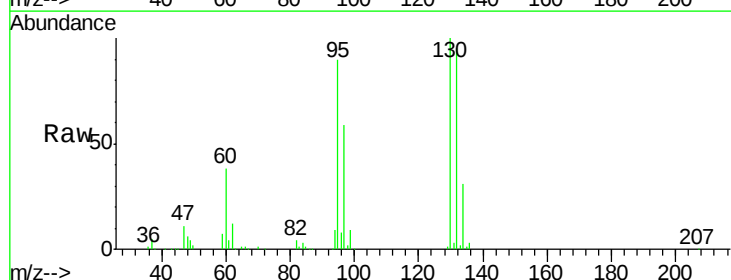
Manual Integrations
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#44
Trichloroethene
Concen: 47.877 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	196.6





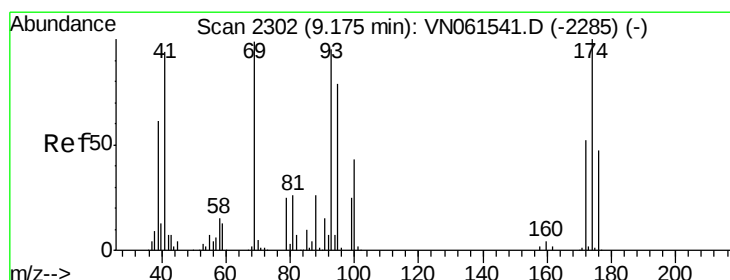
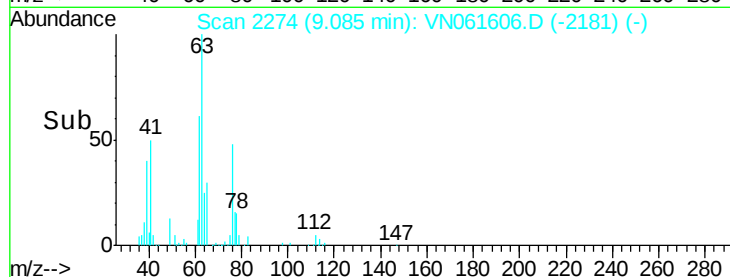
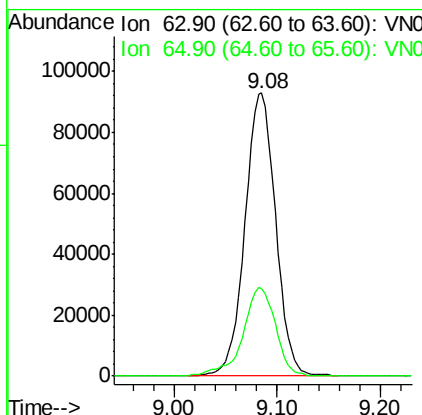
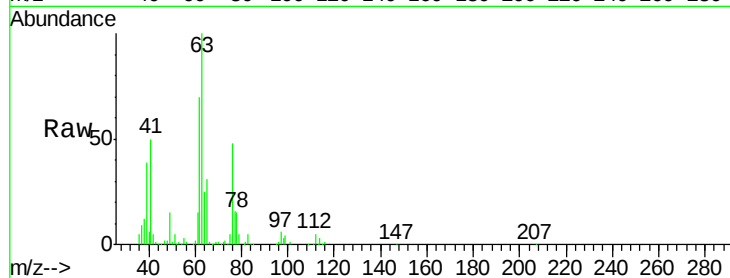
#45
 1,2-Dichloropropane
 Concen: 45.928 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 63 Resp: 192141
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1

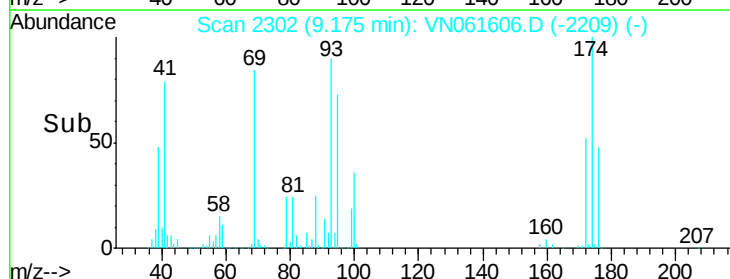
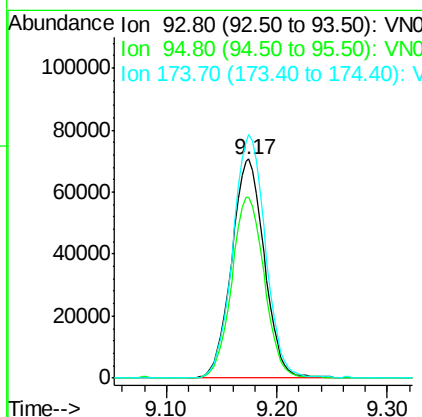
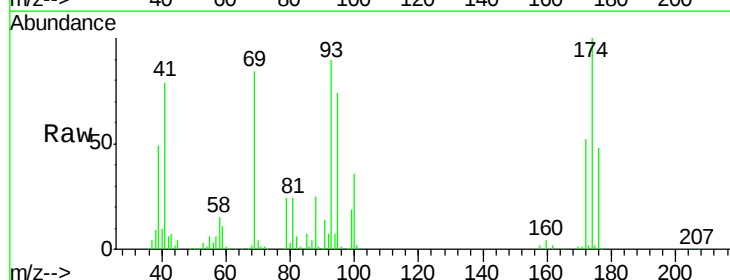
Manual Integrations
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#46
 Dibromomethane
 Concen: 45.386 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion: 93 Resp: 145622
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.0 99.0
 174 110.0 82.5 123.7





#47

Bromodichloromethane

Concen: 46.608 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

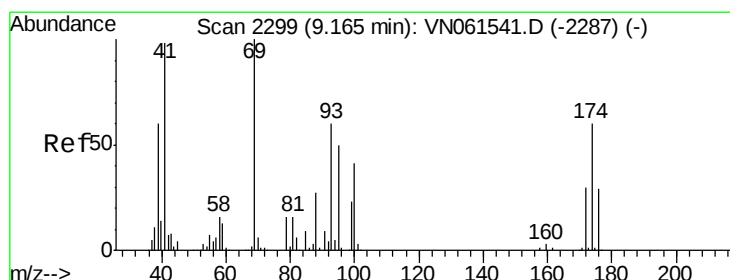
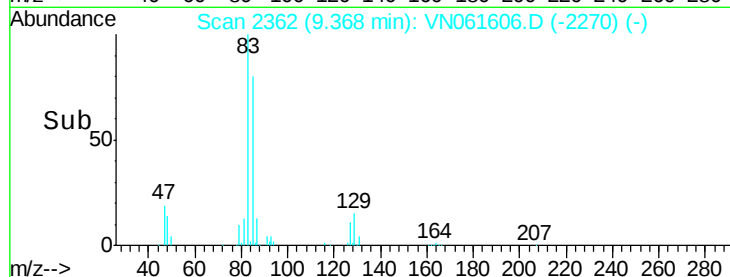
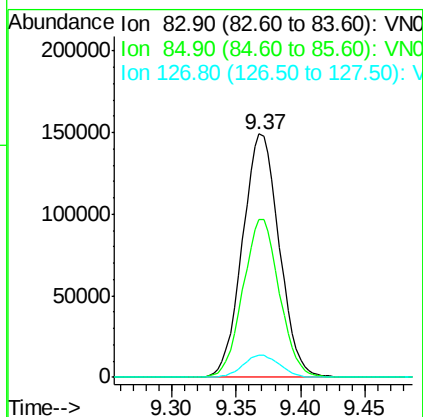
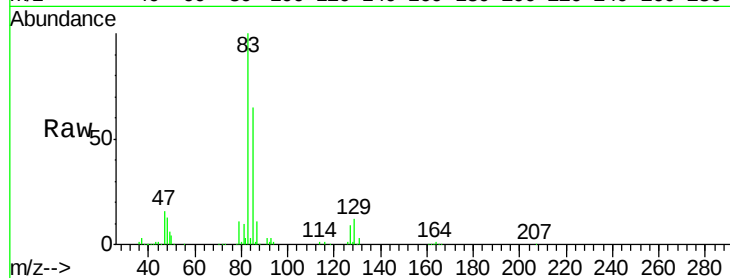
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	296282
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.1	76.7
127	9.1	7.2	10.8

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#48

Methyl methacrylate

Concen: 40.476 ug/l

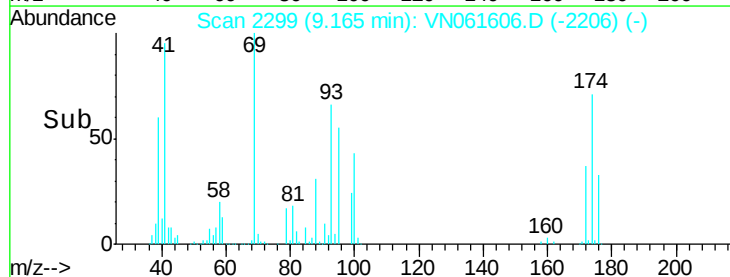
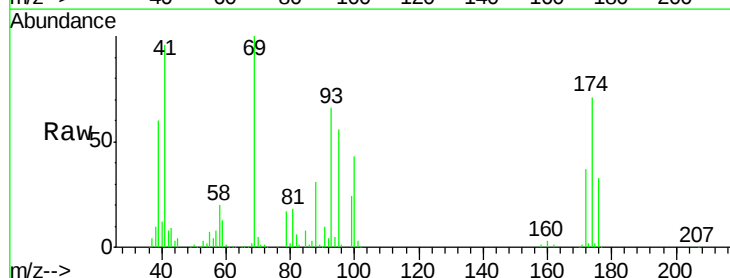
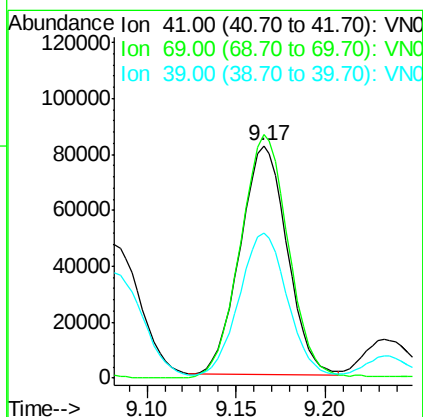
RT: 9.17 min Scan# 2299

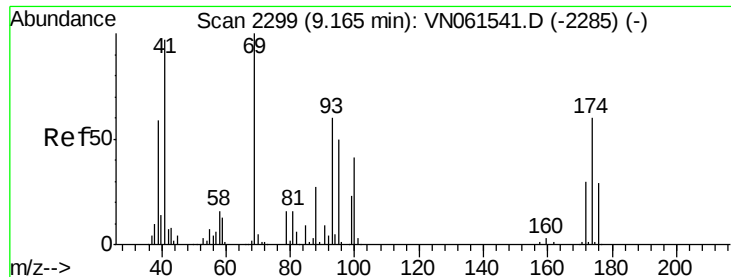
Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	41	Resp:	150682
Ion Ratio	Lower	Upper	
41	100		
69	108.8	83.9	125.9
39	65.6	52.1	78.1





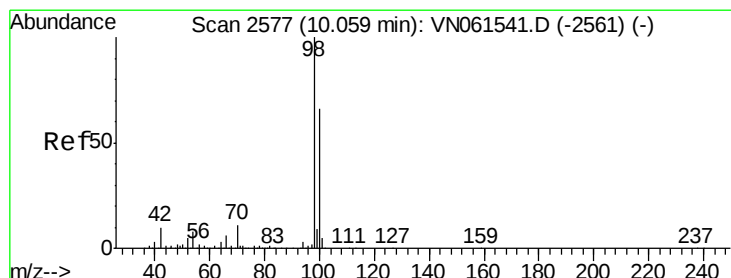
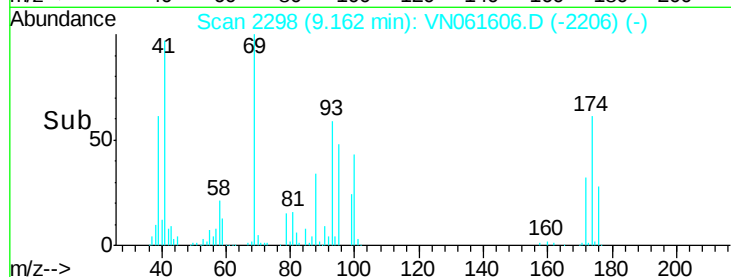
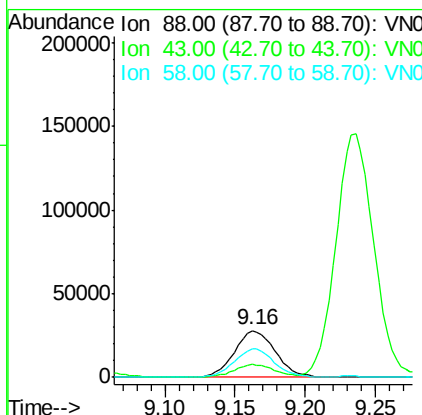
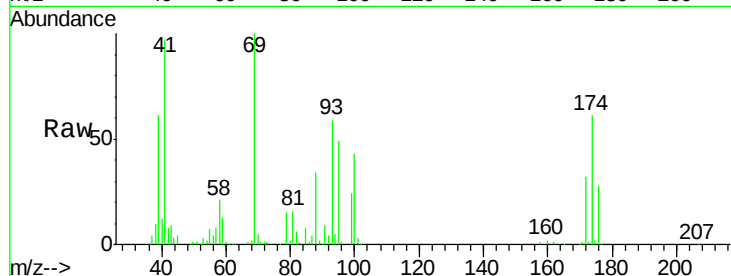
#49
1,4-Dioxane
Concen: 987.125 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.0	23.1	34.7
58	59.8	48.3	72.5

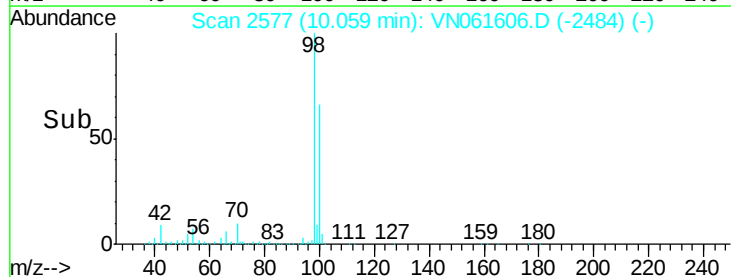
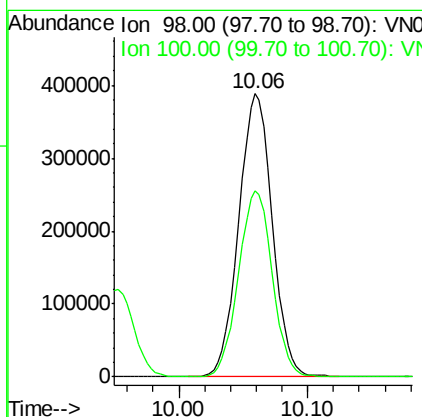
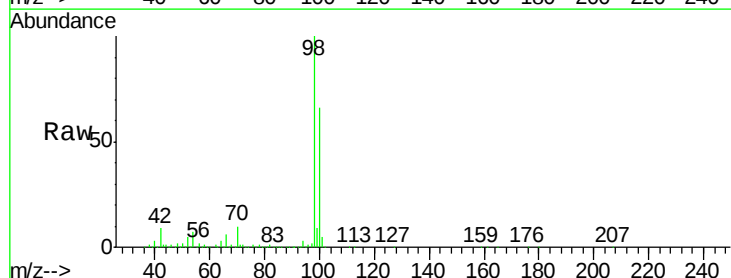
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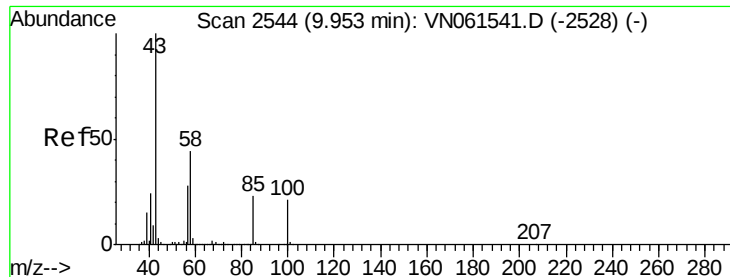
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#50
Toluene-d8
Concen: 46.370 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 207.480 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 967435

Ion Ratio Lower Upper

43 100

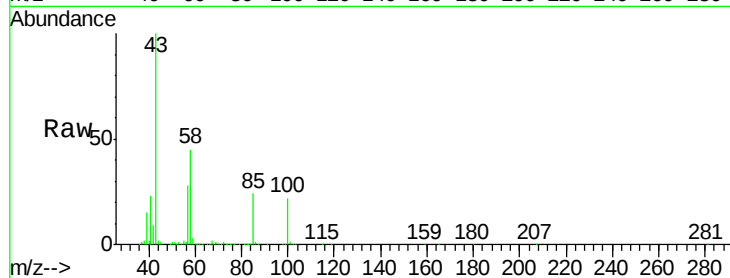
58 44.8 35.0 52.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

600000

500000

400000

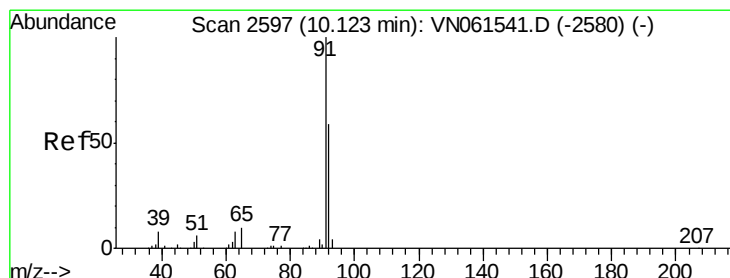
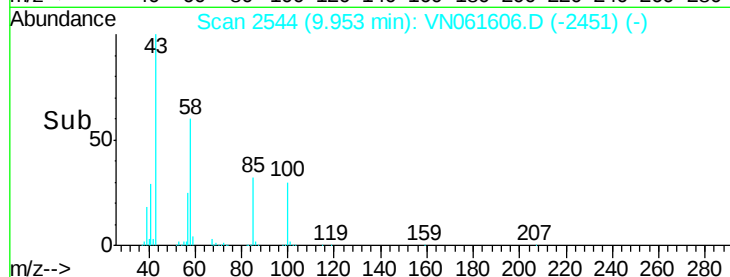
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.405 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061606.D

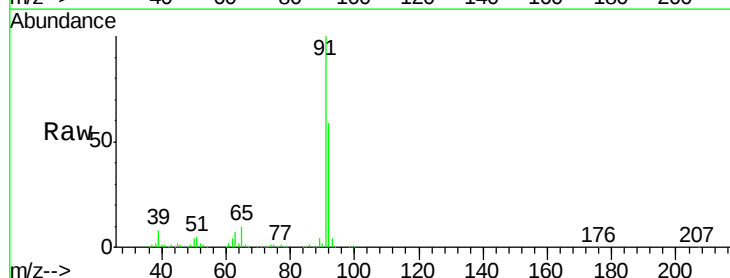
Acq: 1 Jun 2020 19:39

Tgt Ion: 92 Resp: 545115

Ion Ratio Lower Upper

92 100

91 169.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.12

600000

500000

400000

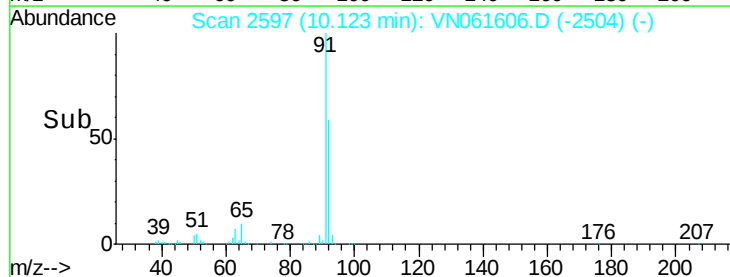
300000

200000

100000

0

Time-->





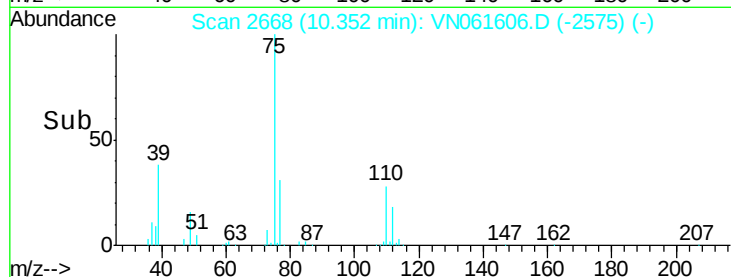
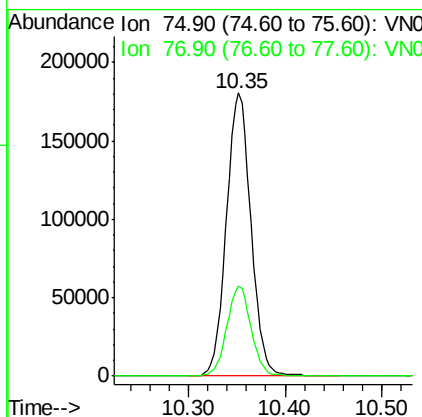
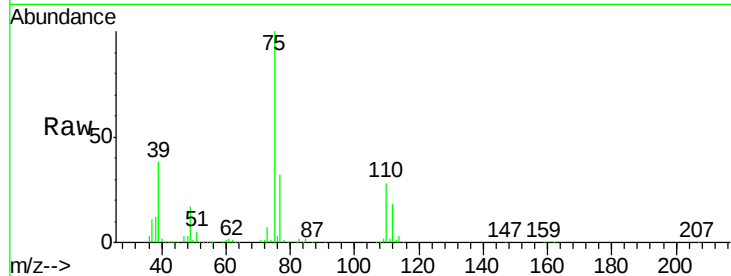
#53
t-1,3-Dichloropropene
Concen: 46.458 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 318147
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.4

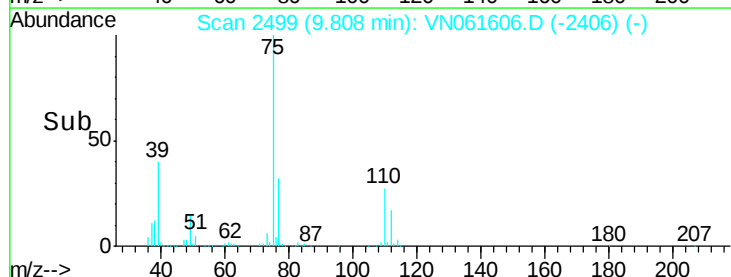
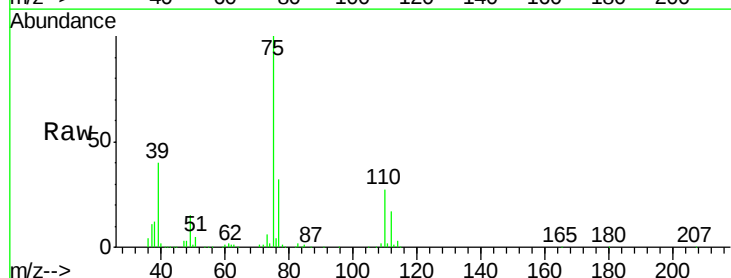
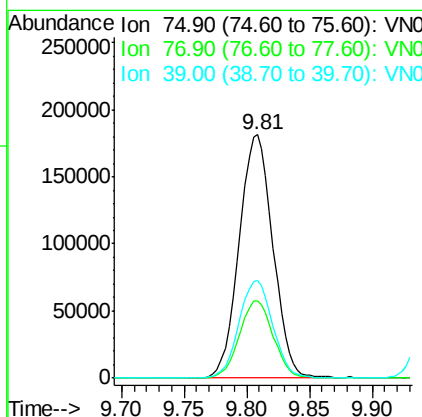
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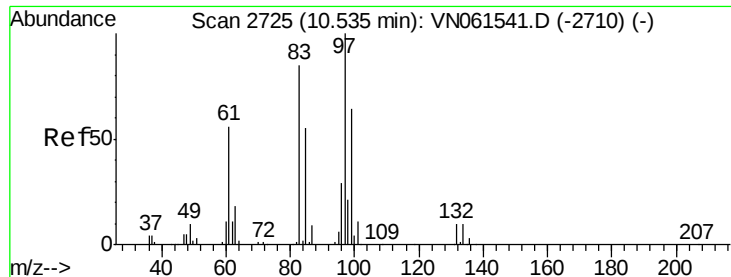
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6/2/2020 4:01:39 PM



#54
cis-1,3-Dichloropropene
Concen: 46.160 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 75 Resp: 339881
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 39.8 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 46.477 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

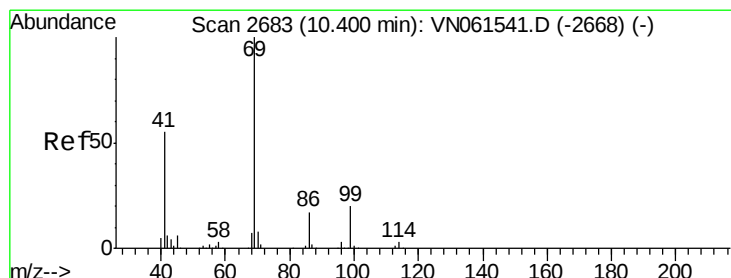
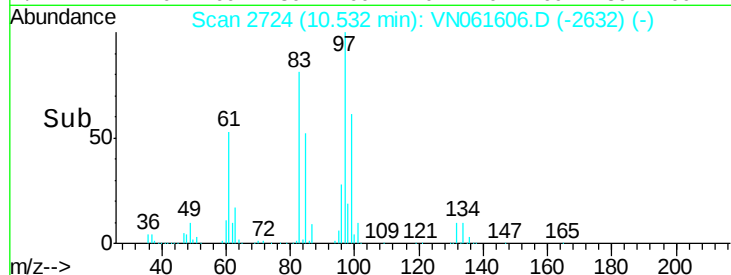
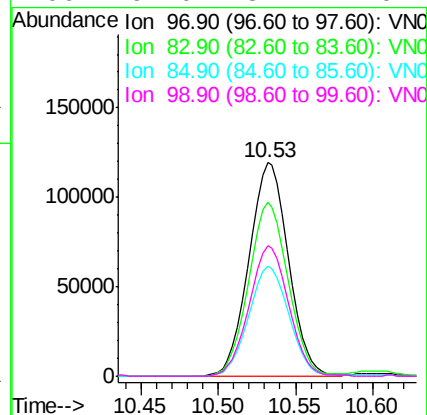
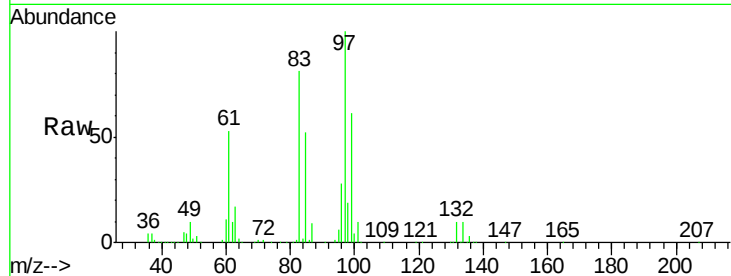
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	212928
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.1	102.1
85	51.8	44.1	66.1
99	61.0	51.1	76.7

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#56

Ethyl methacrylate

Concen: 46.699 ug/l

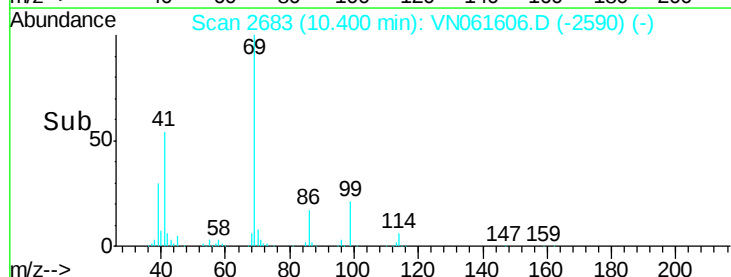
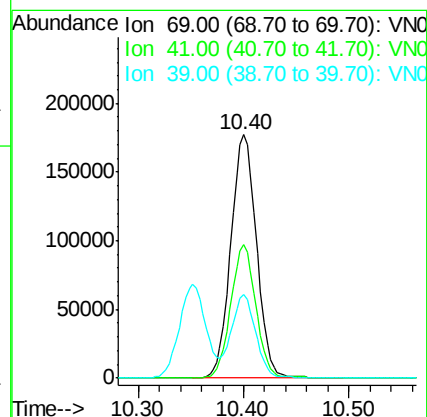
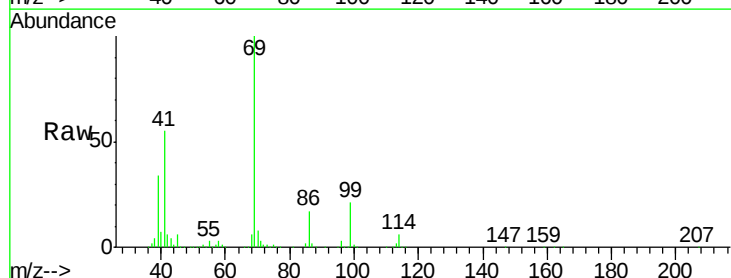
RT: 10.40 min Scan# 2683

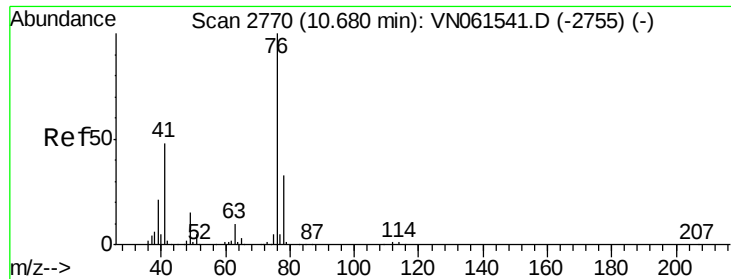
Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	69	Resp:	298860
Ion	Ratio	Lower	Upper
69	100		
41	52.9	43.5	65.3
39	32.2	27.0	40.6





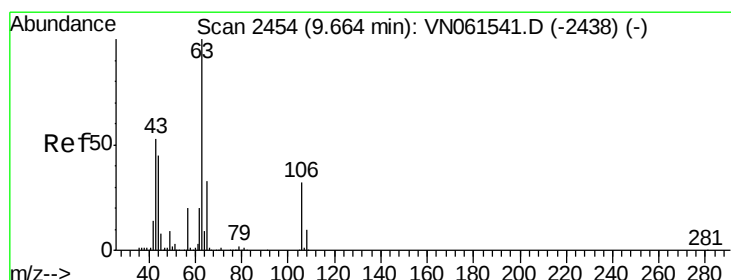
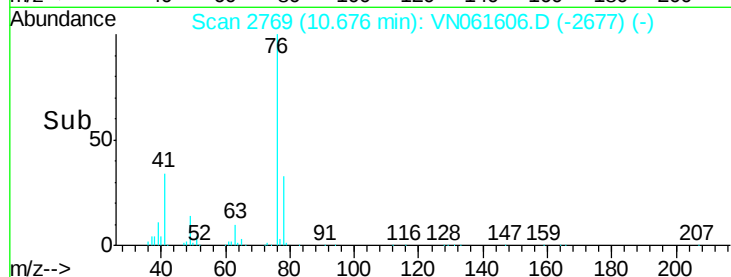
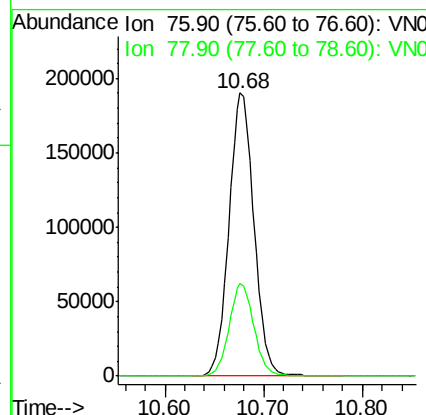
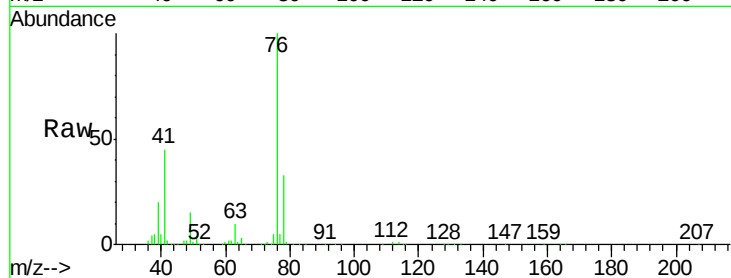
#57
 1,3-Dichloropropane
 Concen: 46.091 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.3	39.5

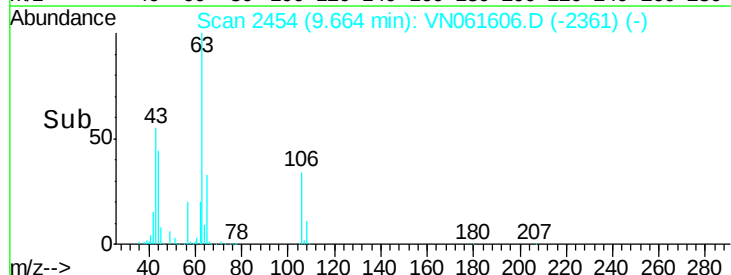
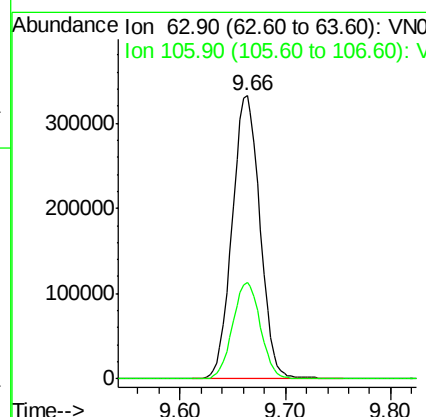
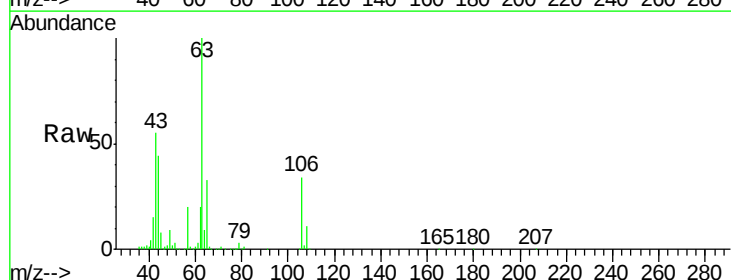
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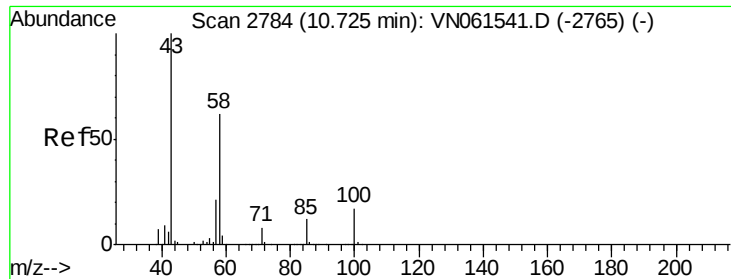
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#58
 2-Chloroethyl Vinyl ether
 Concen: 221.300 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	34.0	25.9	38.9





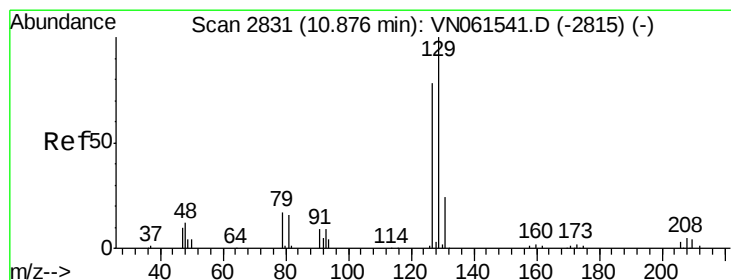
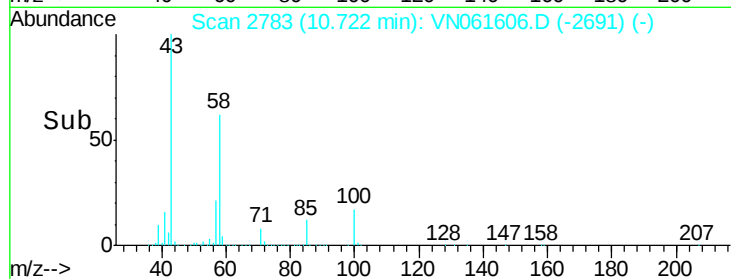
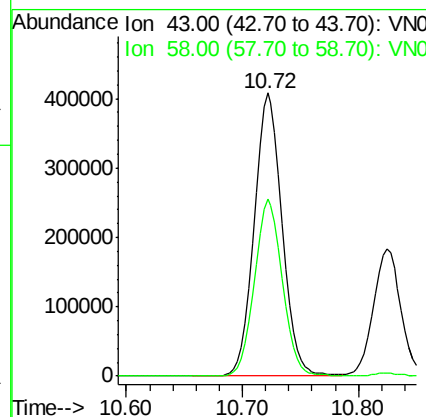
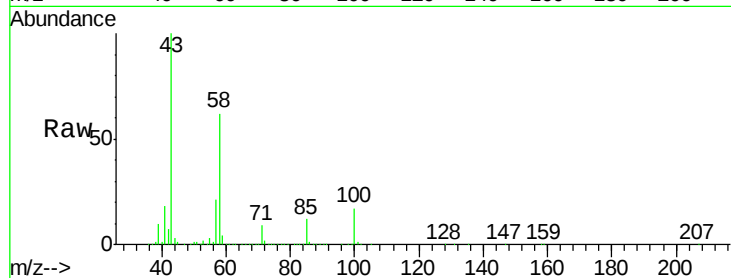
#59
2-Hexanone
Concen: 204.704 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 685488
Ion Ratio Lower Upper
43 100
58 62.9 30.7 92.1

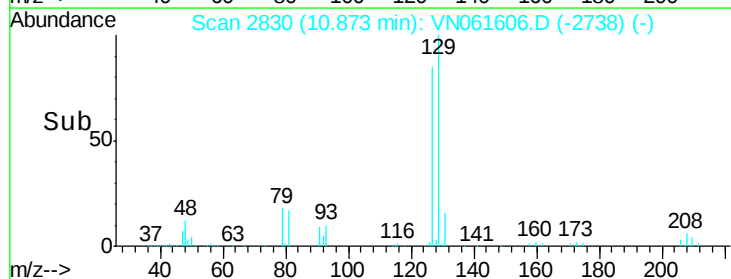
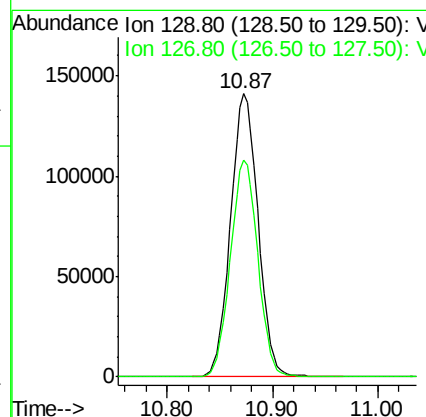
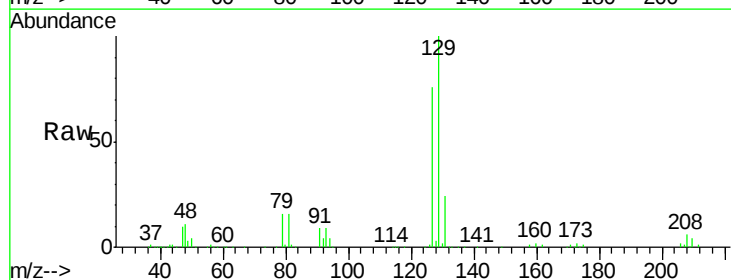
Manual Integrations
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6/2/2020 4:01:39 PM



#60
Dibromochloromethane
Concen: 48.863 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 129 Resp: 254495
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3





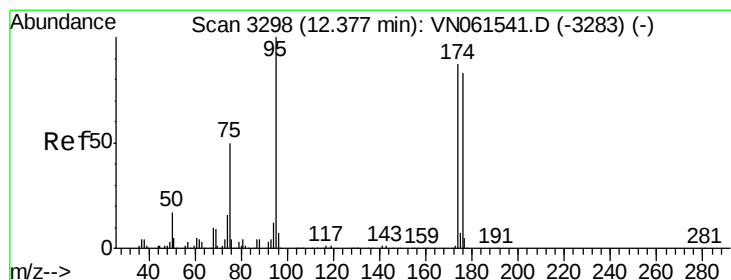
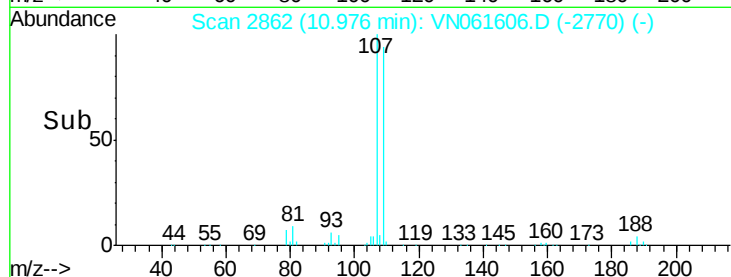
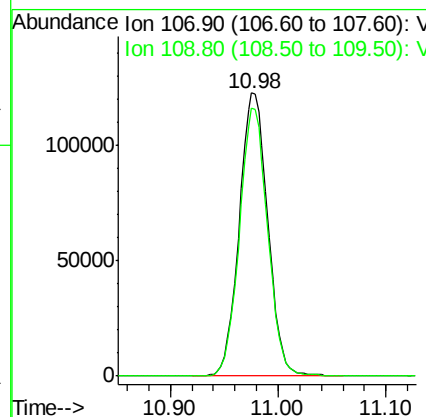
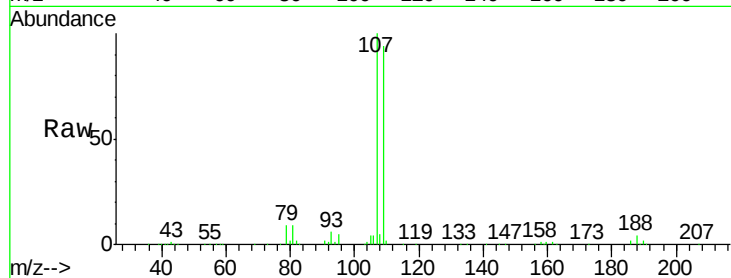
#61
 1,2-Dibromoethane
 Concen: 47.417 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	226564		
109	93.7	76.1	114.1	

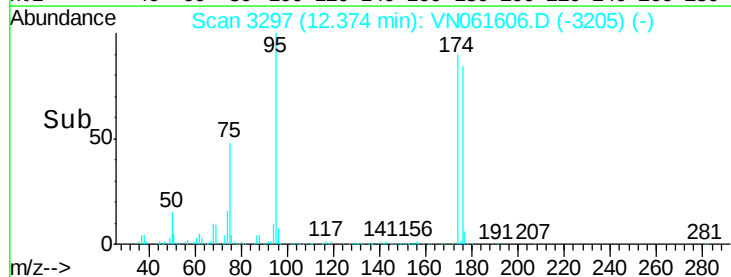
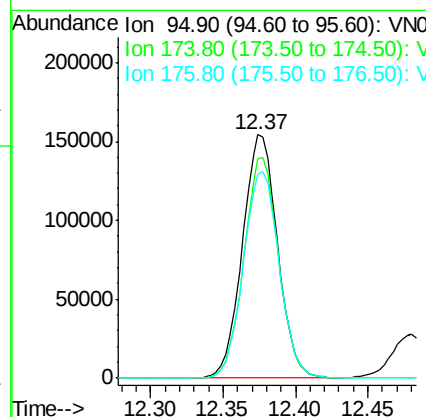
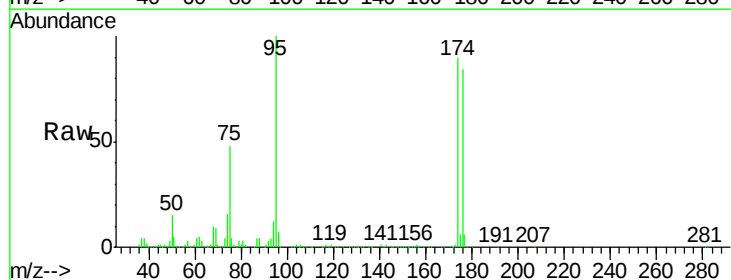
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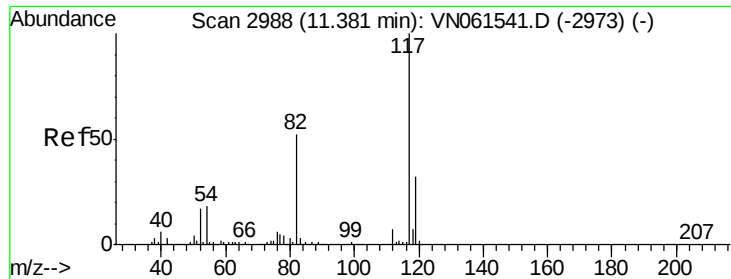
MMDadoda
 6/2/2020 4:01:39 PM



#62
 4-Bromofluorobenzene
 Concen: 46.662 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	258134		
174	90.1	0.0	172.8	
176	87.1	0.0	164.8	





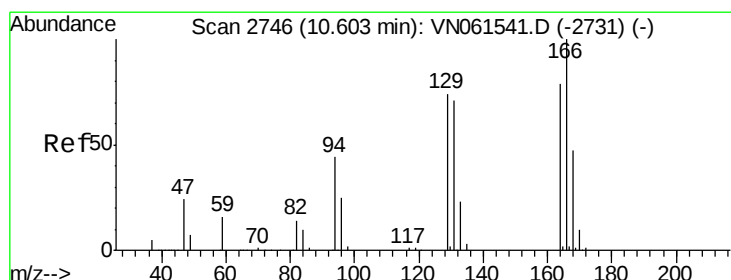
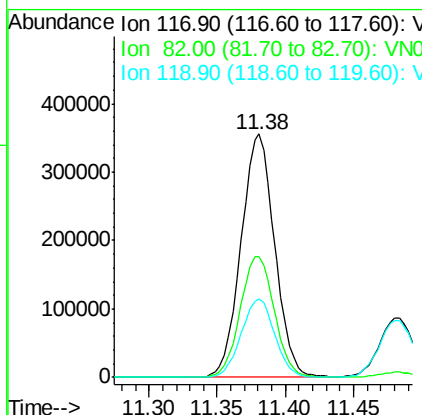
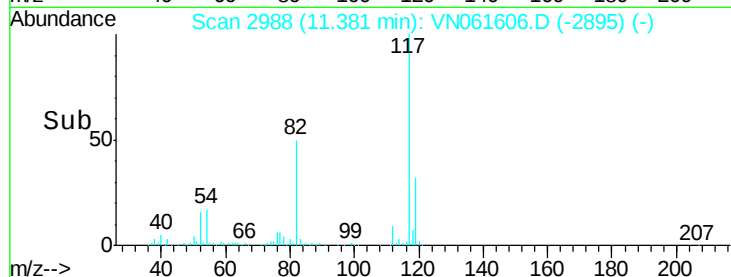
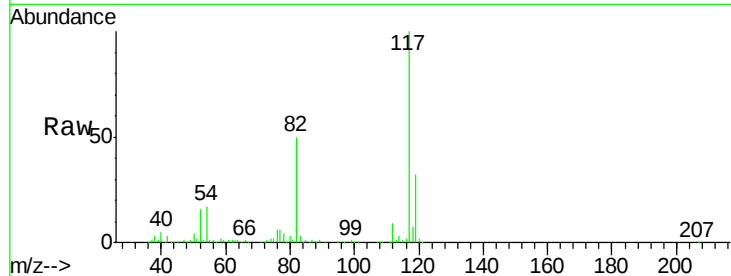
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.5	62.3
119	32.3	25.6	38.4

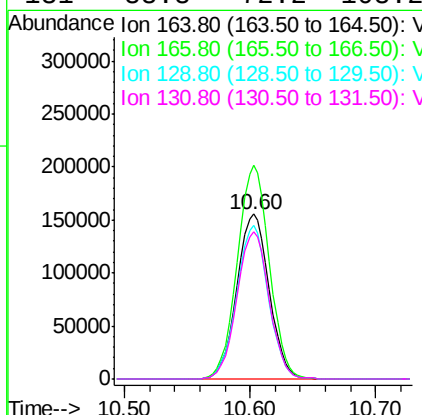
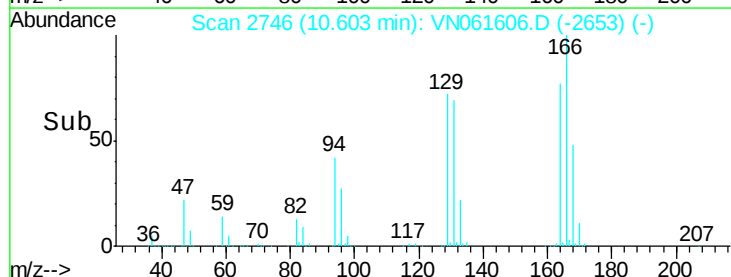
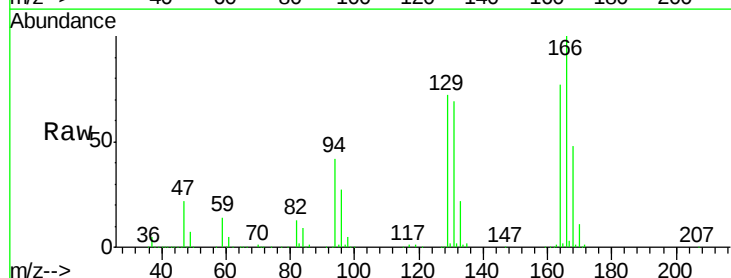
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#64
Tetrachloroethene
Concen: 48.536 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.5	152.3
129	92.7	74.9	112.3
131	88.8	72.2	108.2





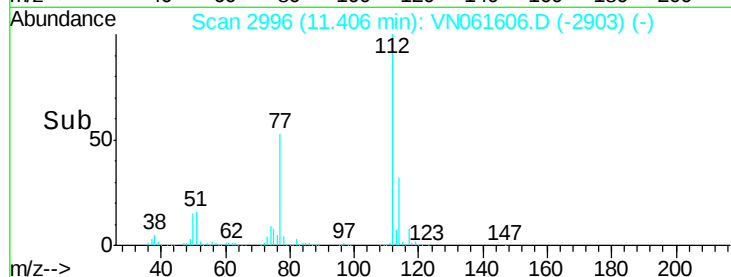
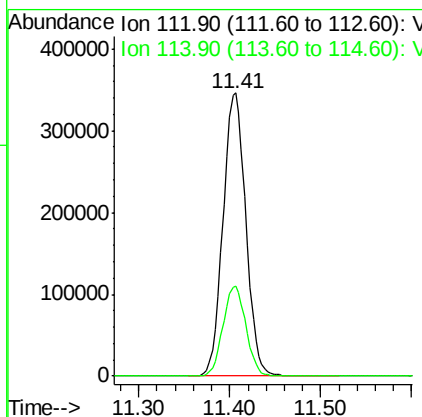
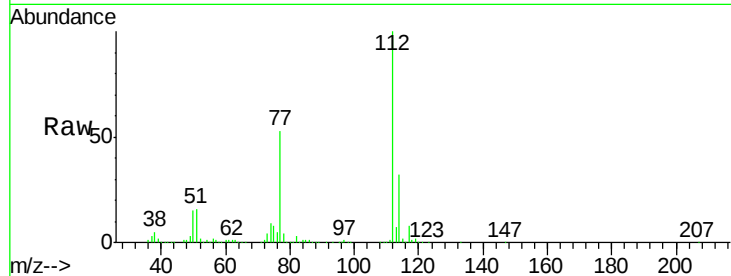
#65
Chlorobenzene
Concen: 47.664 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 602484
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

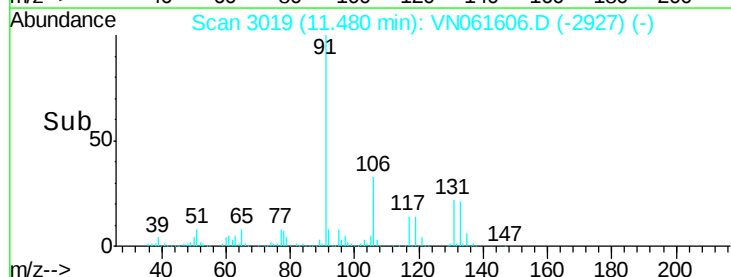
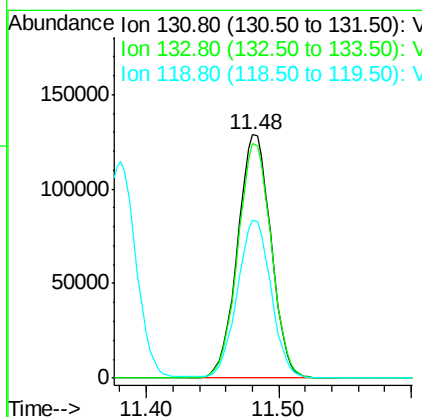
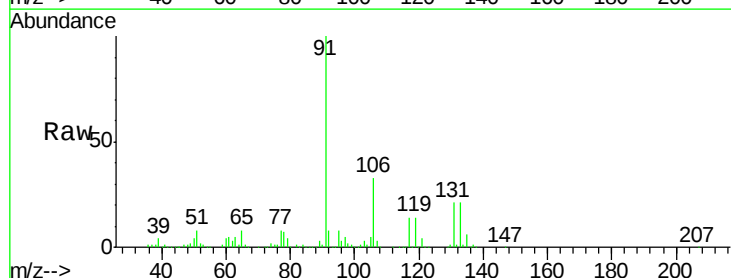
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.049 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion:131 Resp: 226150
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.2
119 65.1 32.6 97.8





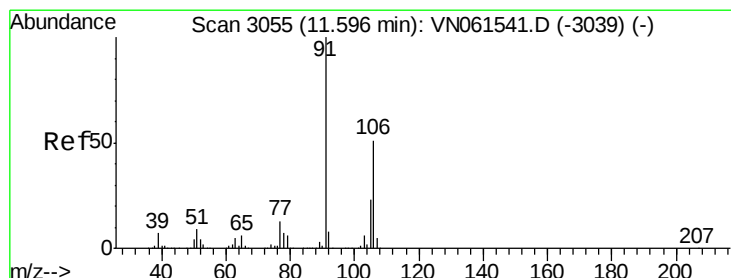
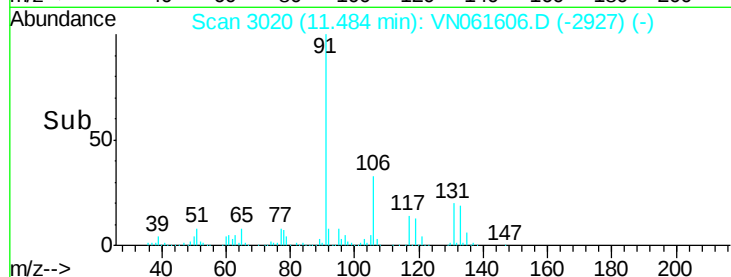
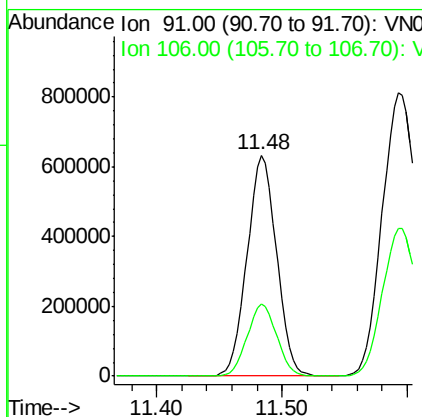
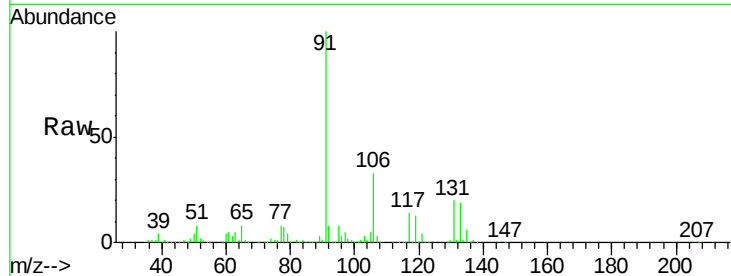
#67
Ethyl Benzene
Concen: 47.509 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 1037944
Ion Ratio Lower Upper
91 100
106 32.9 25.6 38.4

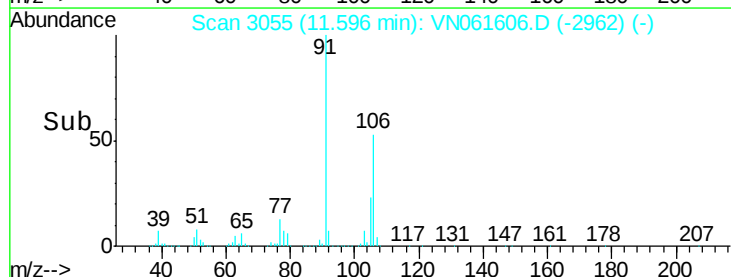
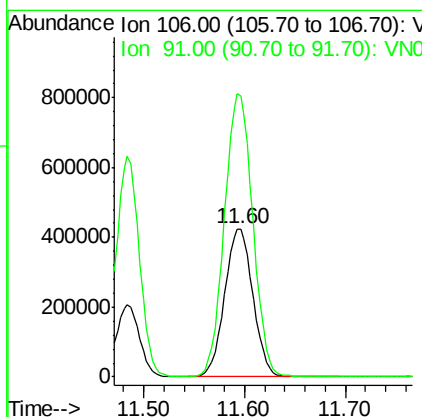
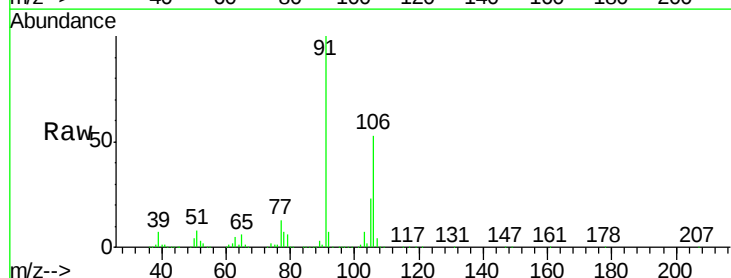
Manual Integrations
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#68
m/p-Xylenes
Concen: 95.404 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 106 Resp: 826446
Ion Ratio Lower Upper
106 100
91 192.2 156.2 234.4





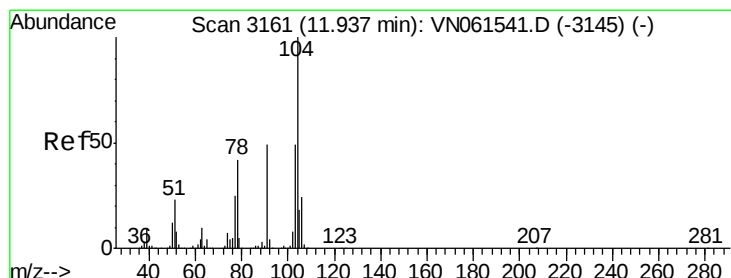
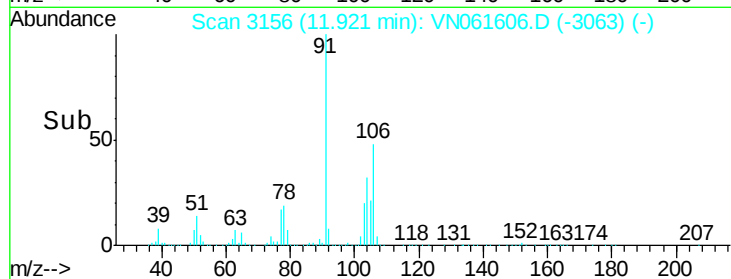
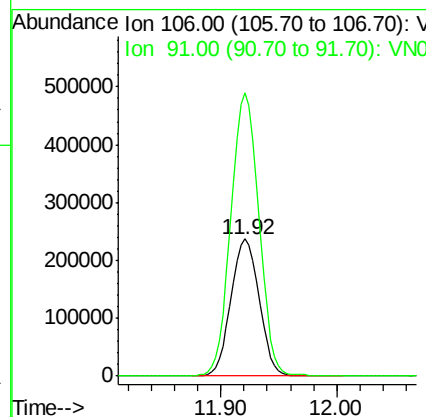
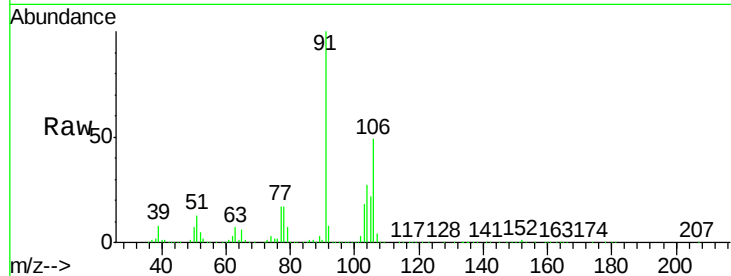
#69
o-Xylene
Concen: 48.412 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.1	103.3	309.8

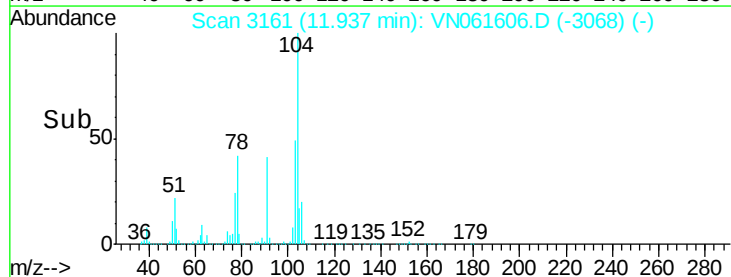
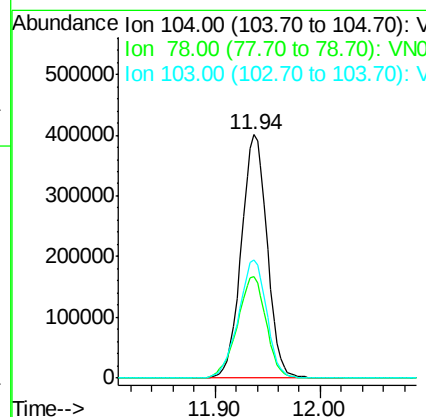
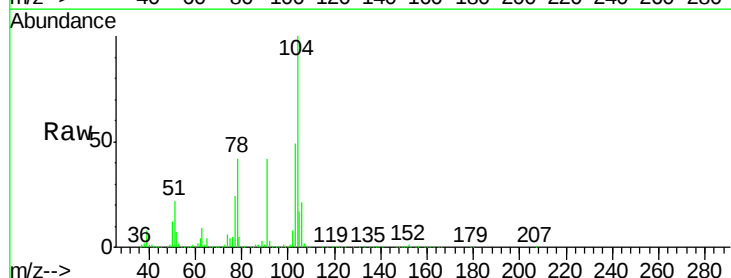
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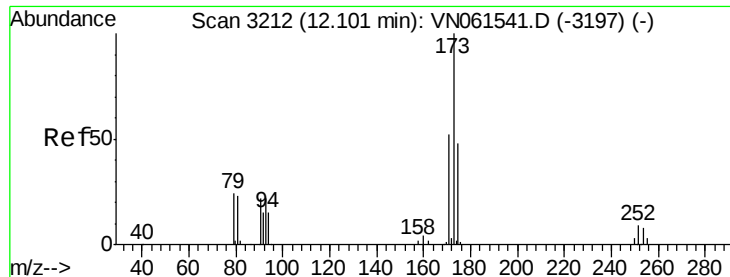
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#70
Styrene
Concen: 49.814 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.2	37.4	56.0
103	52.9	42.3	63.5





#71

Bromoform

Concen: 49.662 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

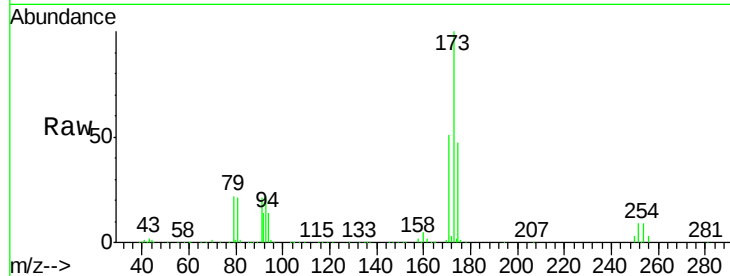
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	180111
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.4	73.2
254	0.0	0.0	0.0#

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

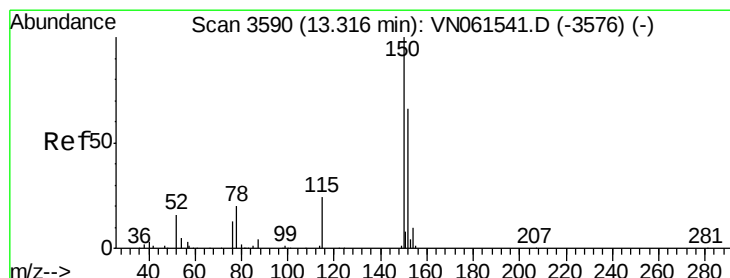
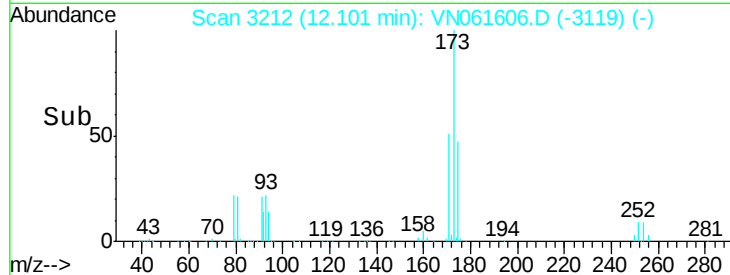
12.10

100000

50000

0

Time--> 12.00 12.10 12.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

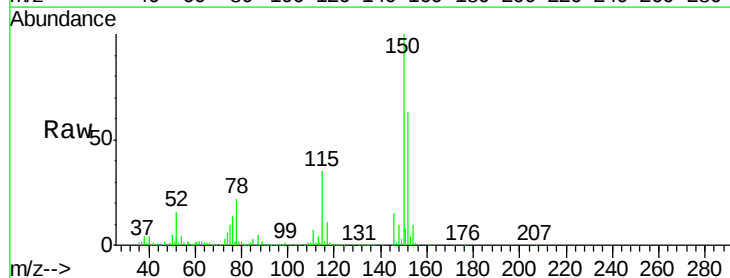
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	152	Resp:	317088
Ion Ratio	Lower	Upper	
152	100		
115	55.0	28.0	84.0
150	171.9	0.0	344.0



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

13.32

400000

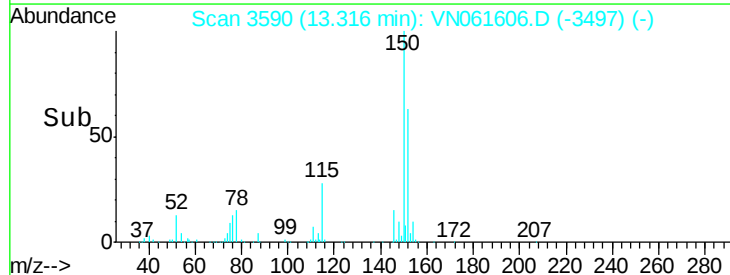
300000

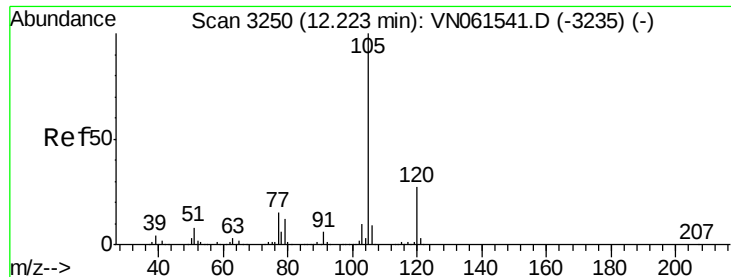
200000

100000

0

Time--> 13.30 13.40





#73

Isopropylbenzene

Concen: 45.737 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1058495

Ion Ratio Lower Upper

105 100

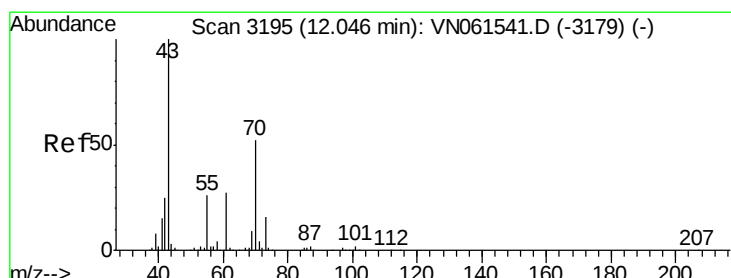
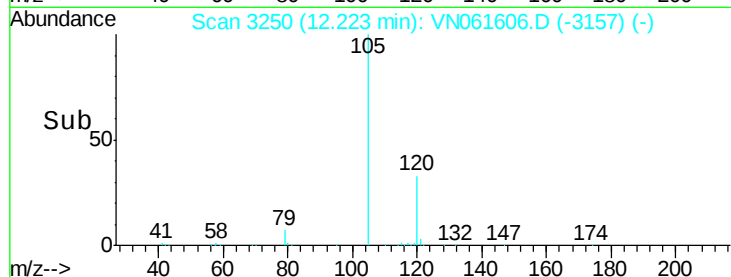
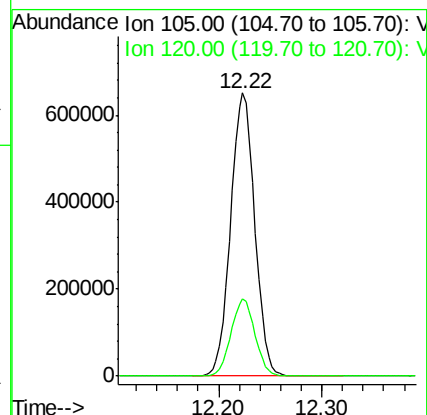
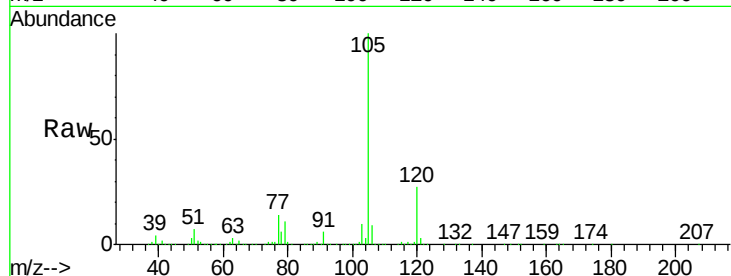
120 27.3 13.8 41.3

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#74

N-ethyl acetate

Concen: 44.004 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion: 43 Resp: 320716

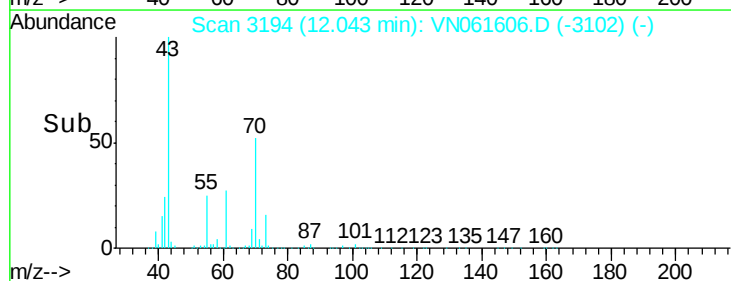
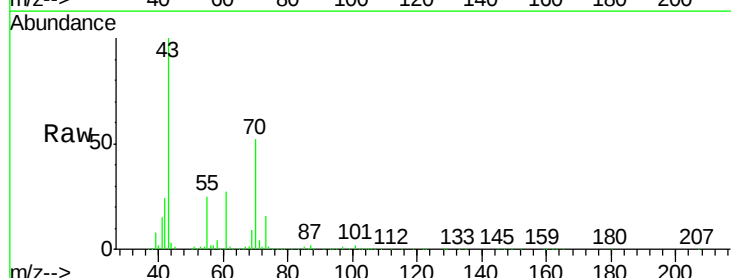
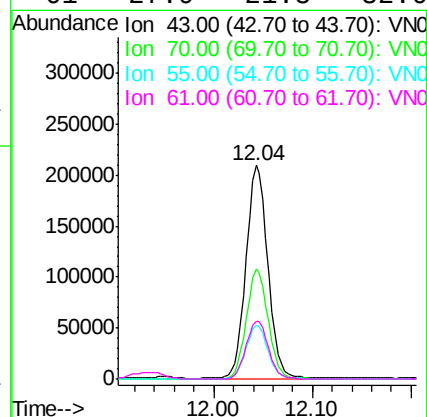
Ion Ratio Lower Upper

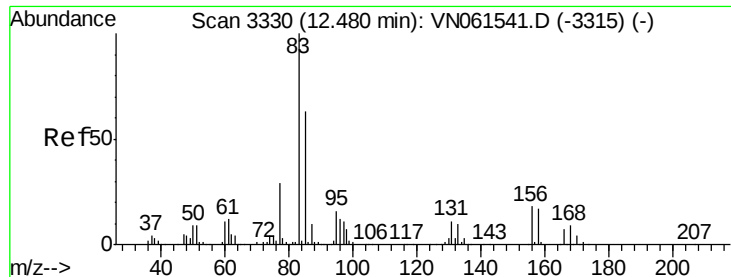
43 100

70 51.4 40.5 60.7

55 25.2 20.6 31.0

61 27.9 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 41.247 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 267505
Ion Ratio Lower Upper

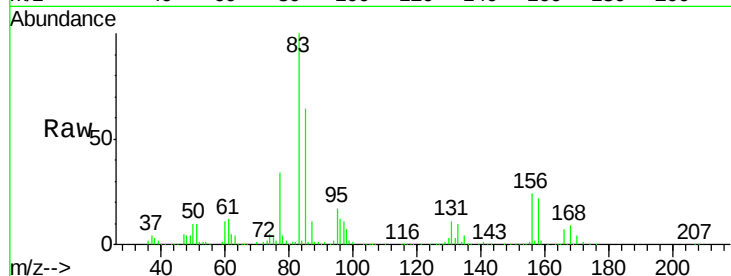
83 100

131 12.0 5.5 16.5

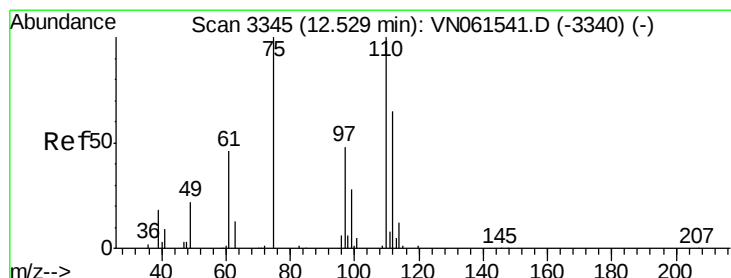
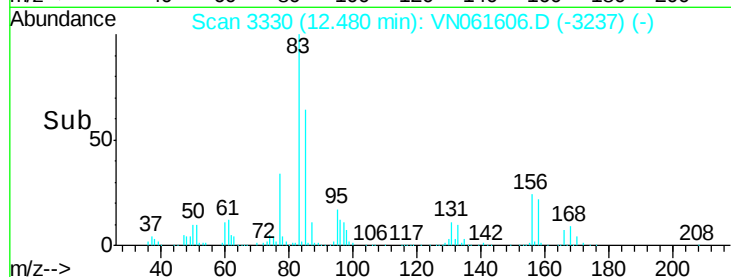
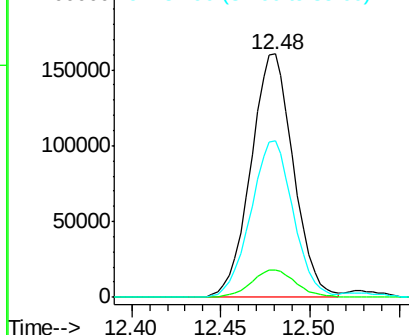
85 64.3 32.1 96.3

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 39.889 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

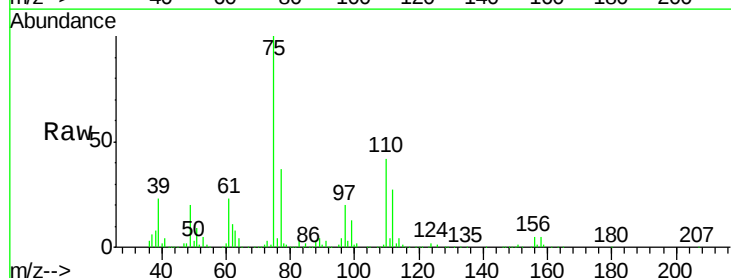
Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

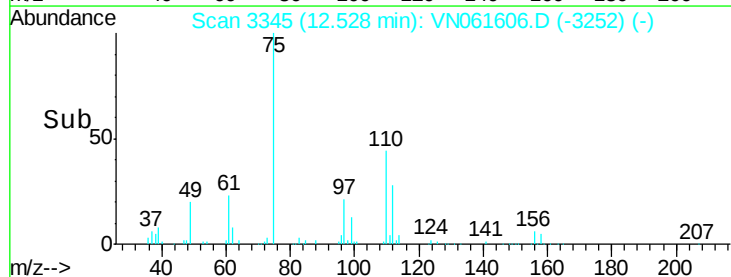
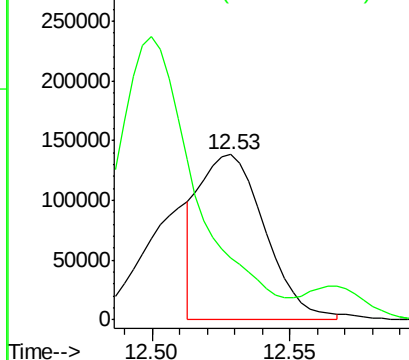
Tgt Ion: 75 Resp: 229995
Ion Ratio Lower Upper

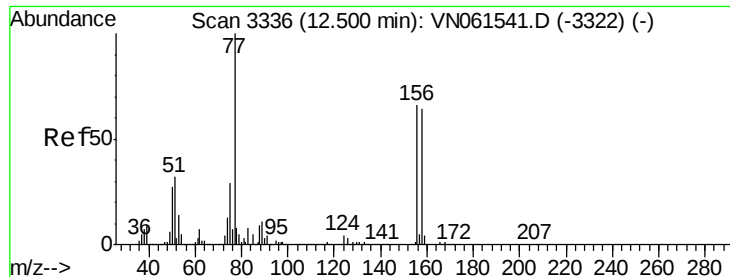
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.788 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

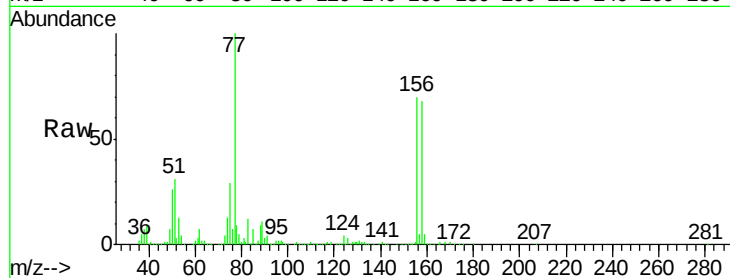
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	282306
Ion Ratio	Lower	Upper	
156	100		
77	168.2	90.9	272.7
158	95.8	48.4	145.3

Manual Integrations
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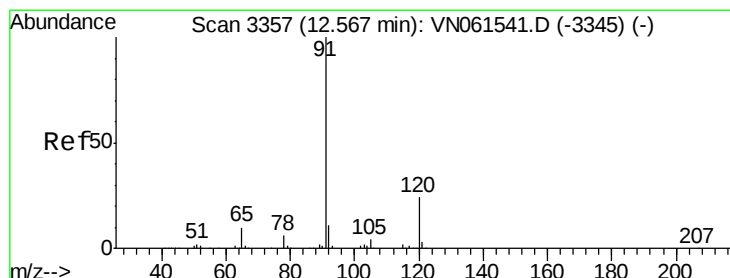
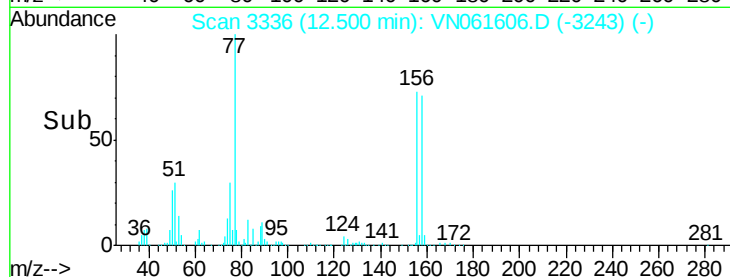
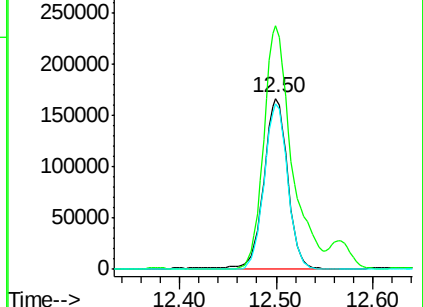
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.280 ug/l

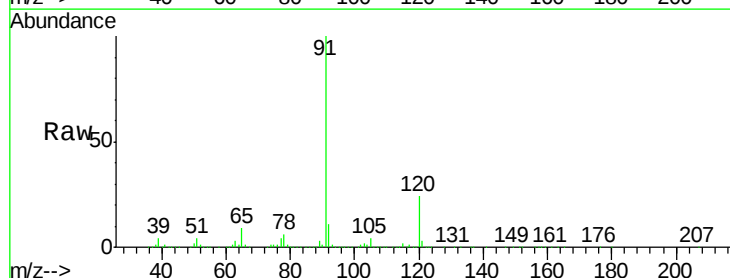
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061606.D

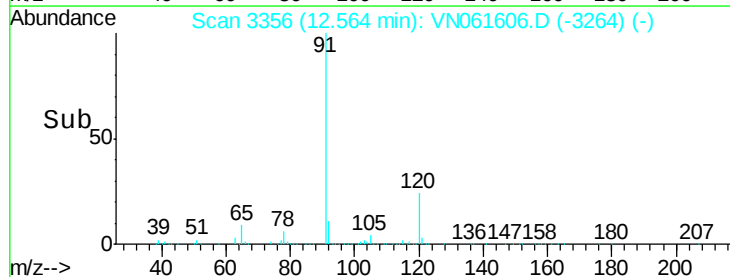
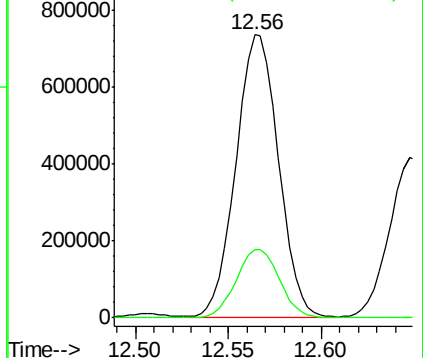
Acq: 1 Jun 2020 19:39

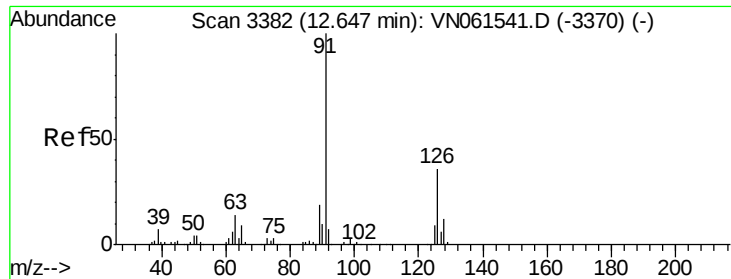
Tgt Ion:	91	Resp:	1169889
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.272 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 682045

Ion Ratio Lower Upper

91 100

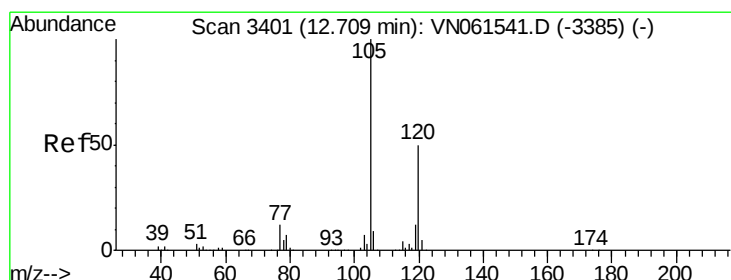
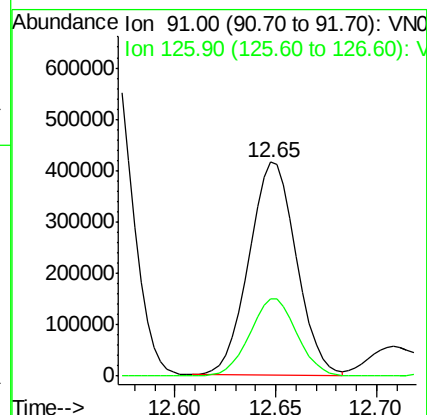
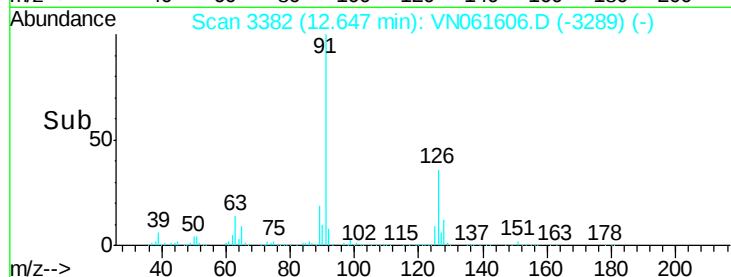
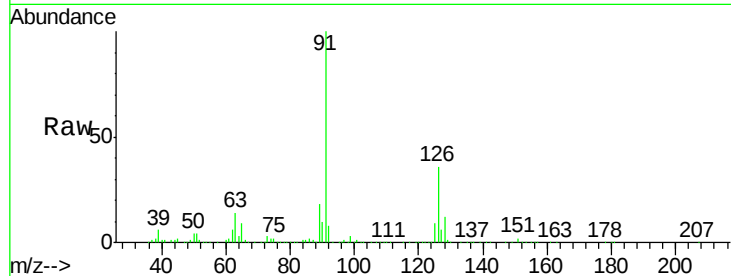
126 36.4 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 46.005 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061606.D

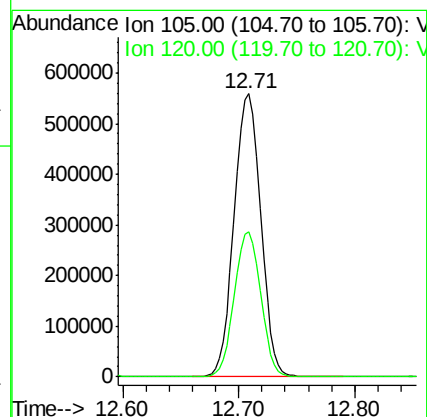
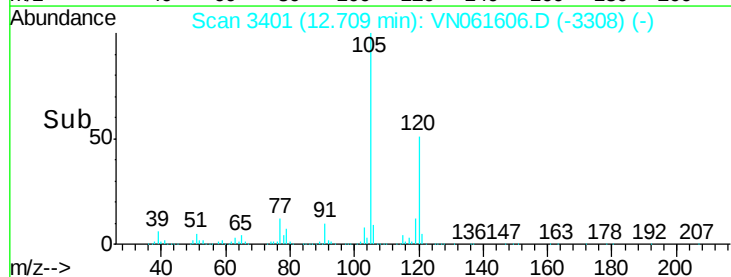
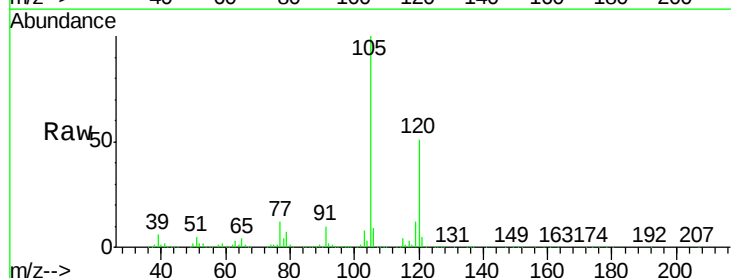
Acq: 1 Jun 2020 19:39

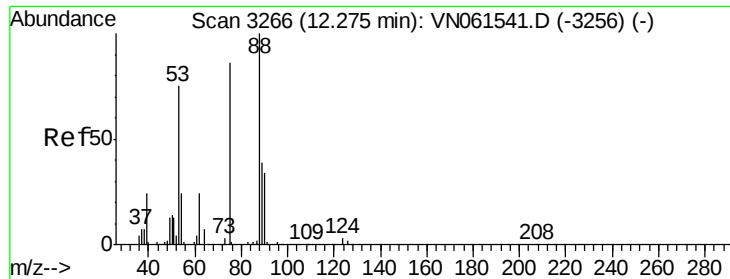
Tgt Ion: 105 Resp: 889891

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 40.822 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

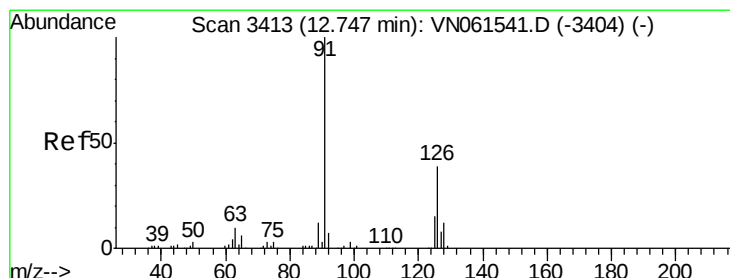
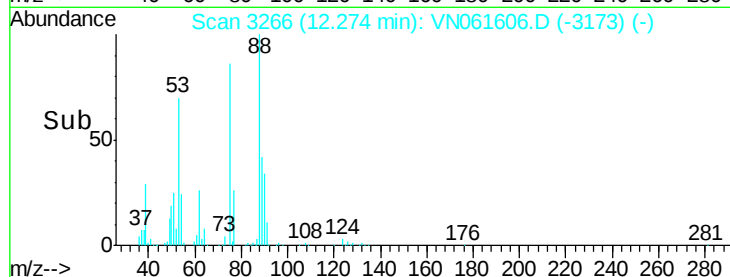
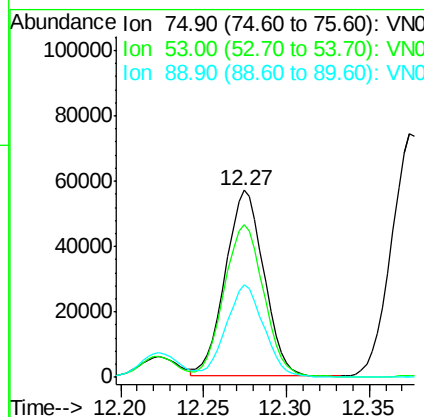
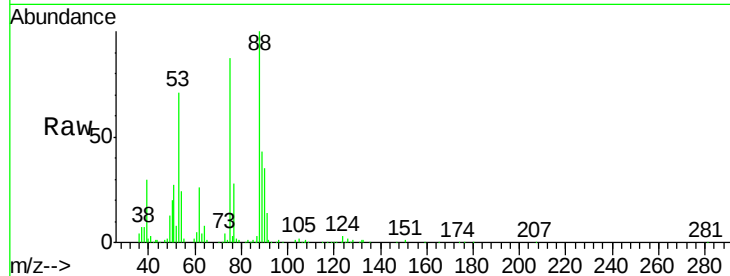
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	92041
Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.8	101.8
89	49.1	37.1	55.7

Manual Integrations
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6/2/2020 4:01:39 PM



#82

4-Chlorotoluene

Concen: 44.323 ug/l

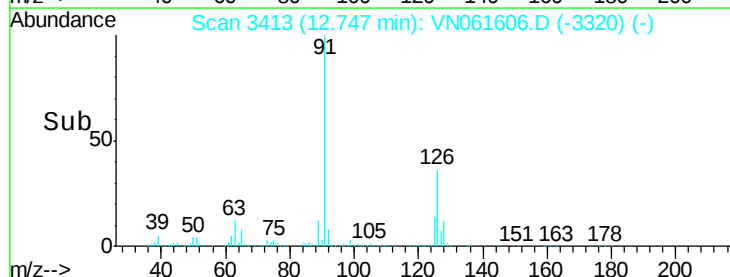
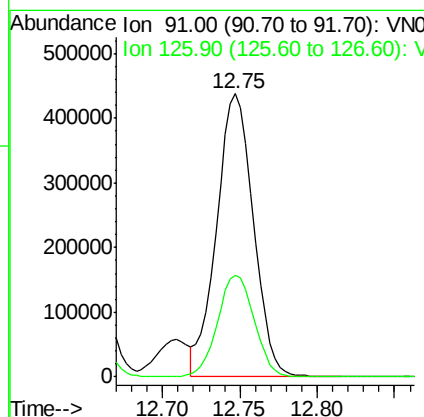
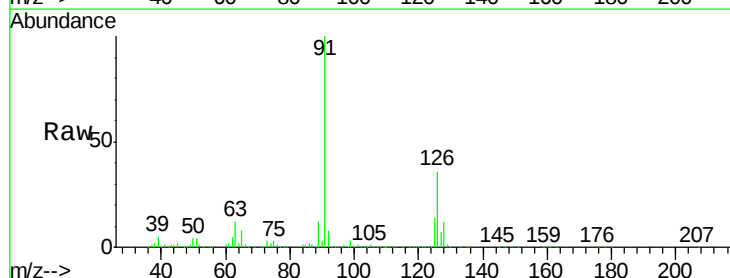
RT: 12.75 min Scan# 3413

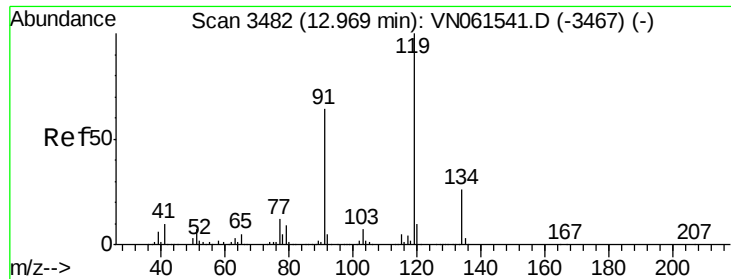
Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	91	Resp:	718358
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.5	52.6





#83

tert-Butylbenzene

Concen: 45.421 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

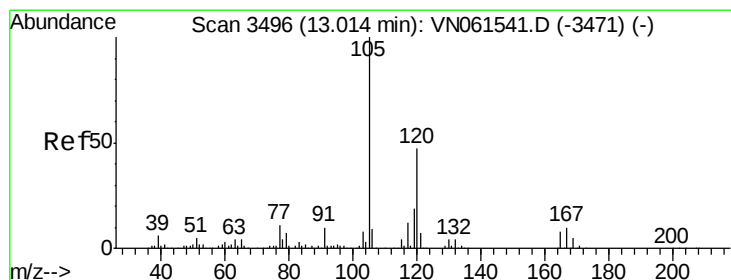
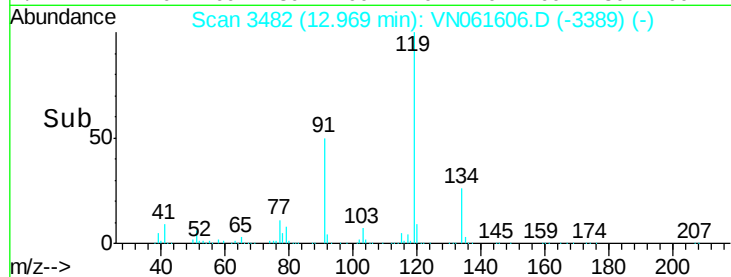
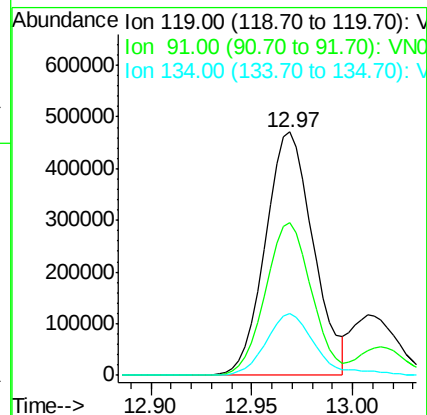
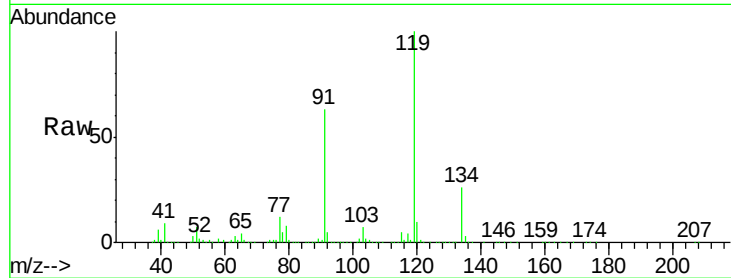
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	776279
Ion Ratio	Lower	Upper	
119	100		
91	60.5	31.3	93.8
134	26.4	13.5	40.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 46.046 ug/l

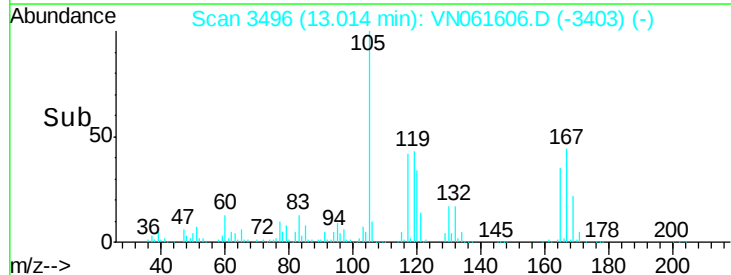
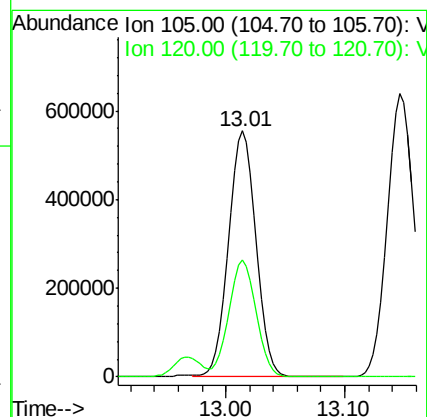
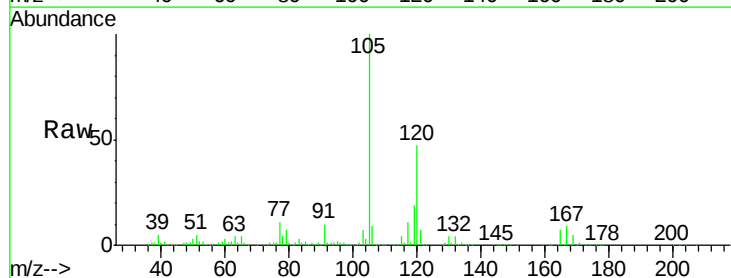
RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion:	105	Resp:	884836
Ion Ratio	Lower	Upper	
105	100		
120	47.4	23.2	69.5





#85

sec-Butylbenzene

Concen: 45.525 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1002605

Ion Ratio Lower Upper

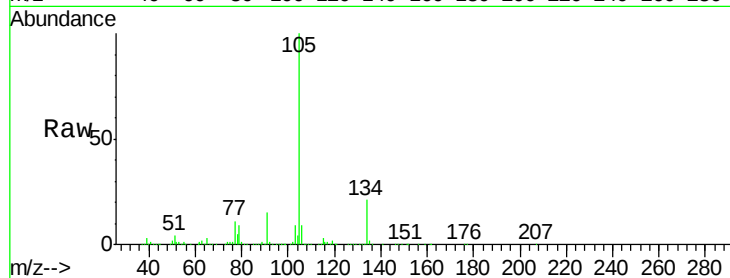
105 100

134 21.3 10.7 31.9

Manual Integrations
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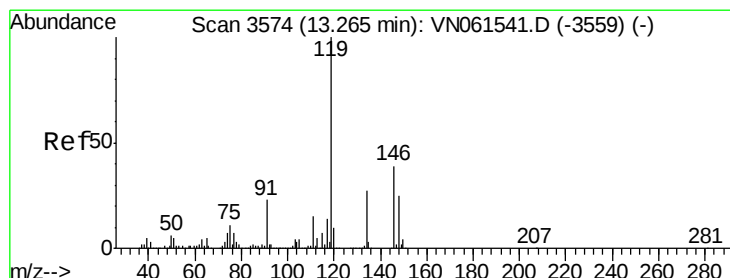
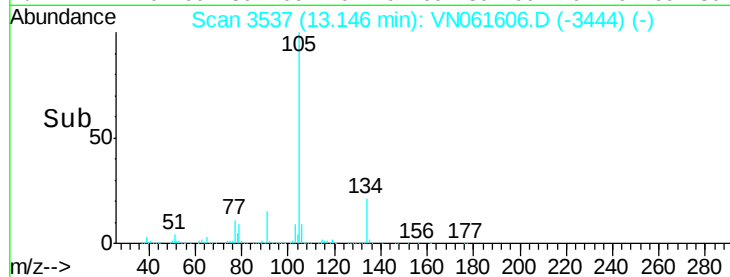
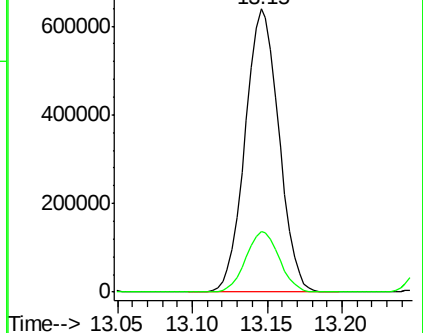
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.499 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

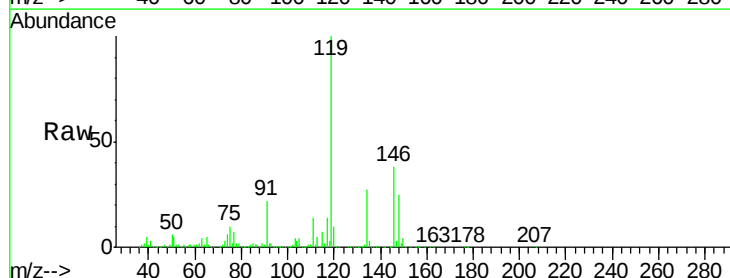
Tgt Ion:119 Resp: 943061

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

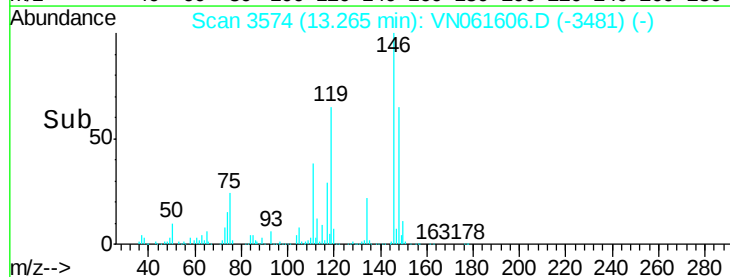
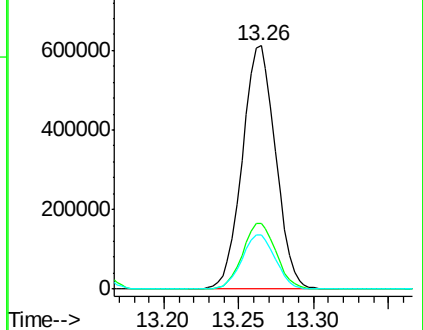
91 22.3 11.4 34.1

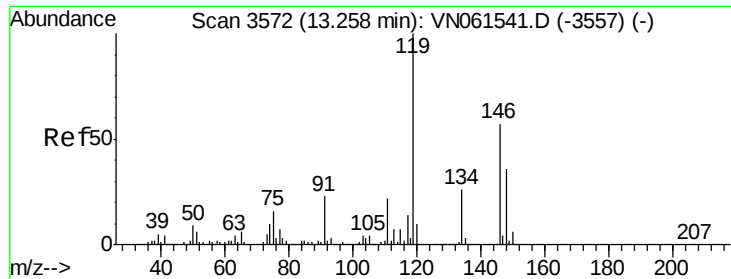


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





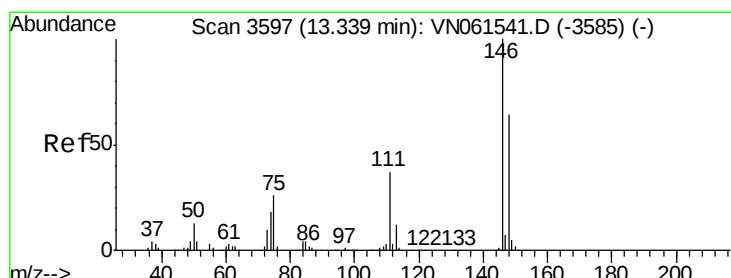
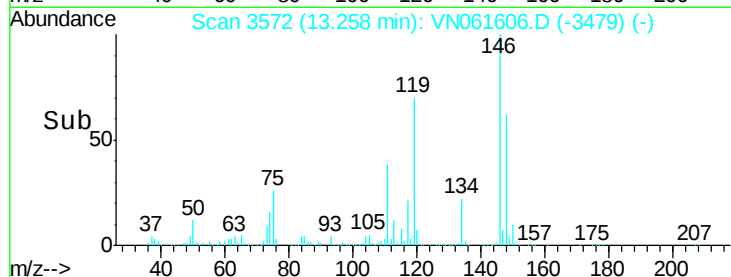
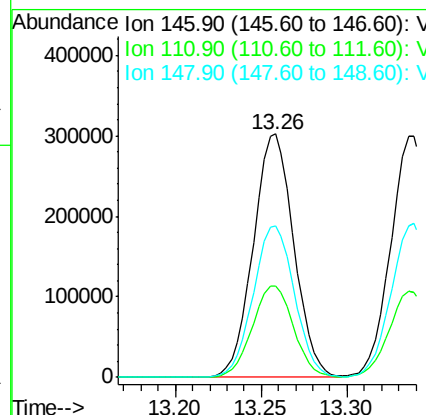
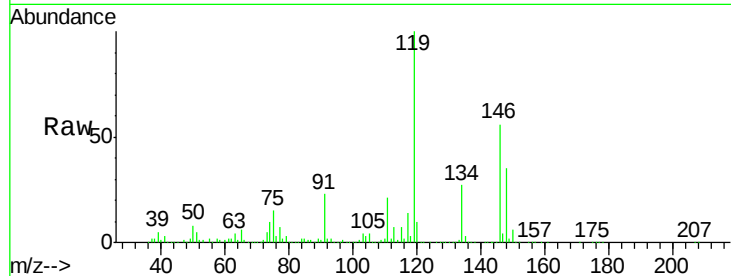
#87
 1,3-Dichlorobenzene
 Concen: 47.119 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	63.6	31.7	95.1

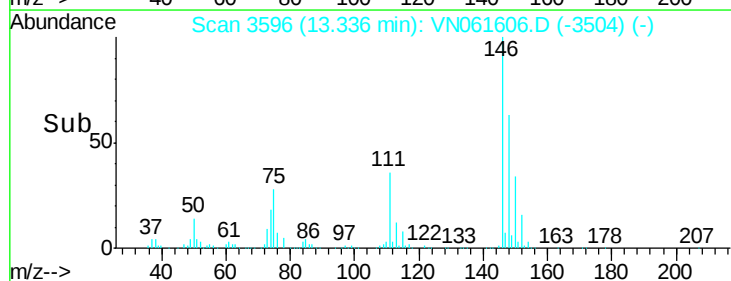
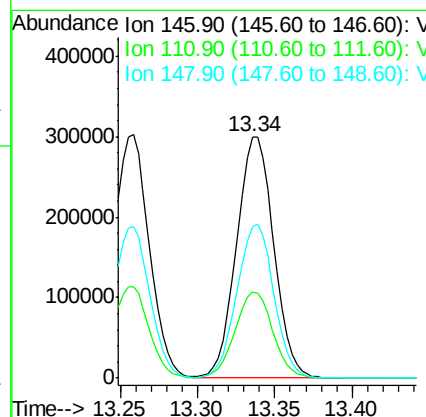
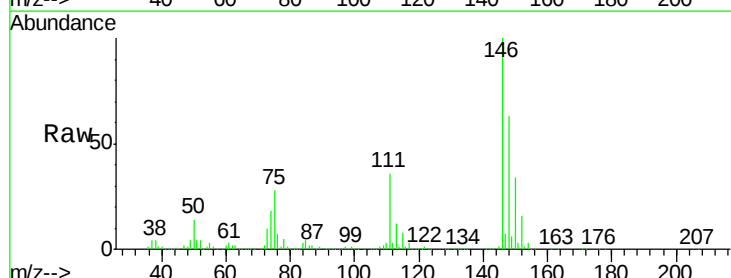
Manual Integrations
 APPROVED

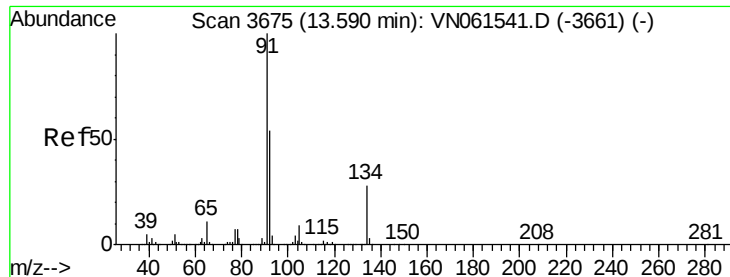
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#88
 1,4-Dichlorobenzene
 Concen: 46.783 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.9
148	63.5	31.8	95.3





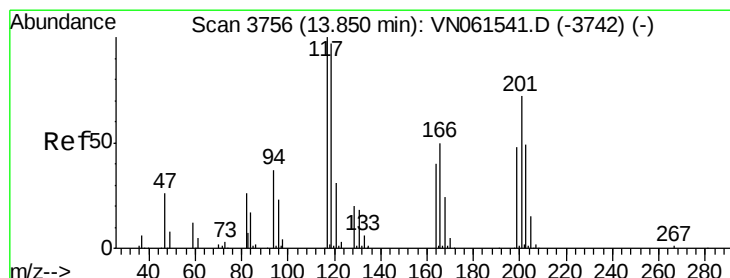
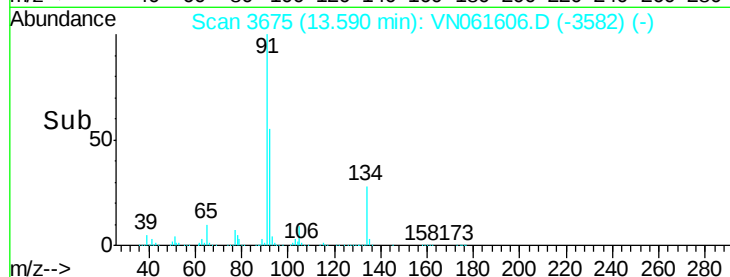
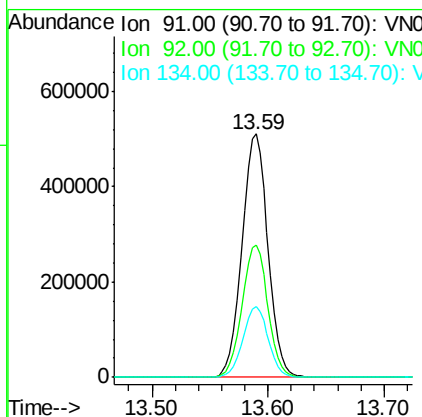
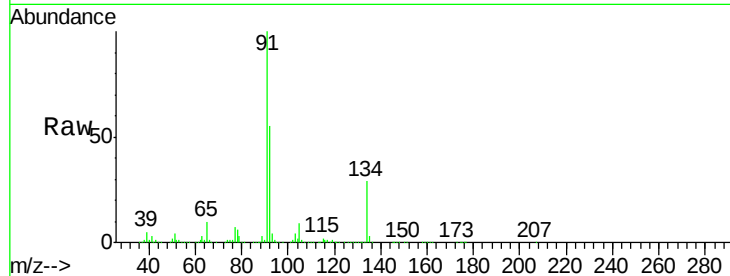
#89
n-Butylbenzene
Concen: 46.388 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.6
134	28.5	14.0	42.0

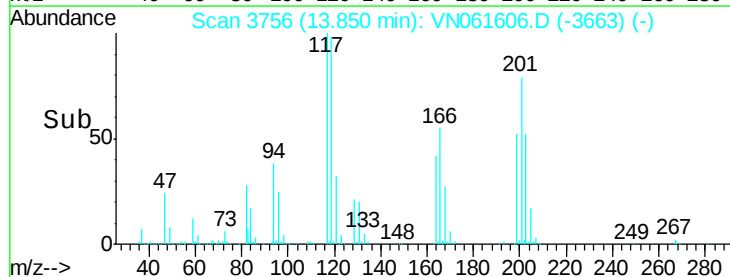
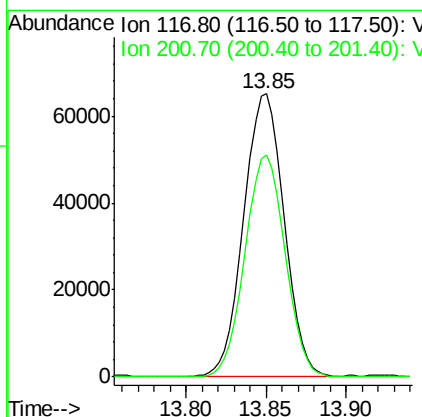
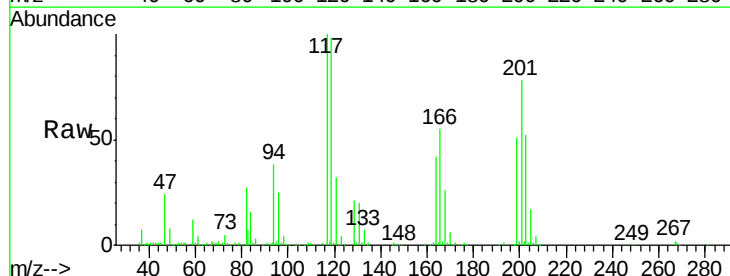
Manual Integrations
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6/2/2020 4:01:39 PM



#90
Hexachloroethane
Concen: 49.899 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	36.7	110.1





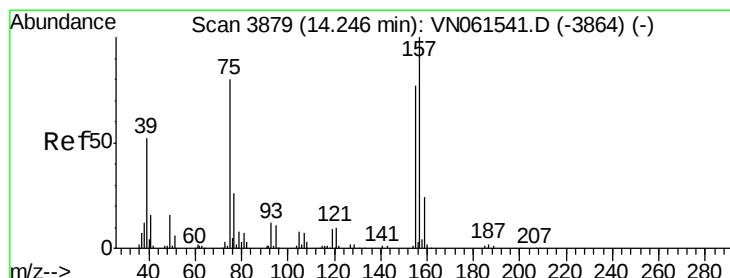
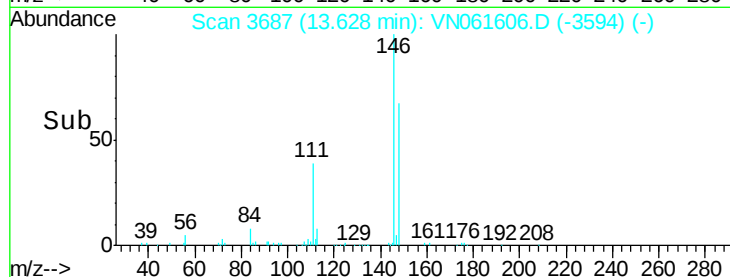
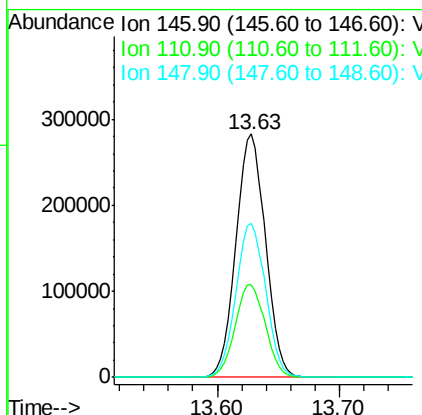
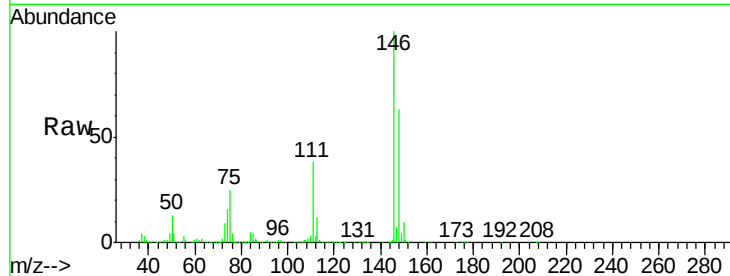
#91
 1,2-Dichlorobenzene
 Concen: 47.156 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	471425		
111	39.0	20.1	60.2	
148	63.9	31.9	95.5	

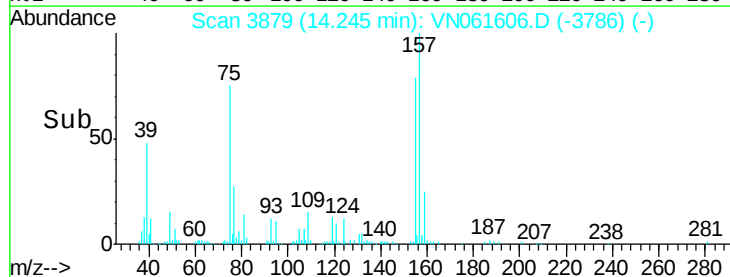
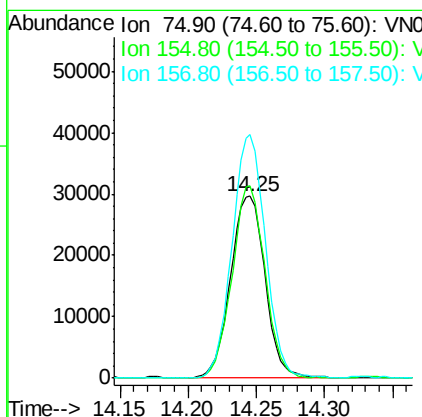
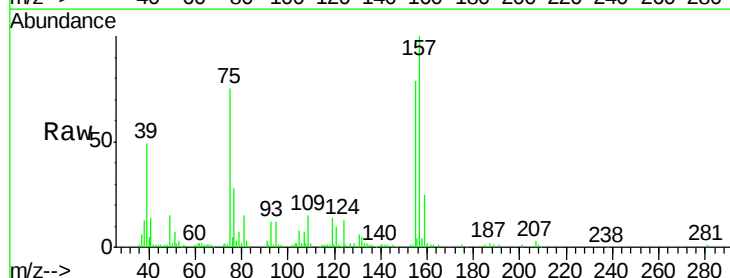
Manual Integrations
 APPROVED

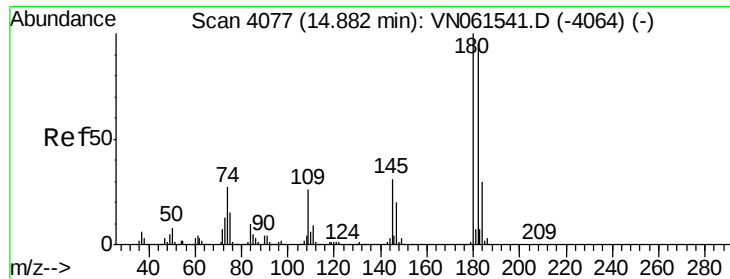
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 6/2/2020 4:01:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.596 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52373		
155	100.4	47.1	141.4	
157	128.8	60.3	180.8	





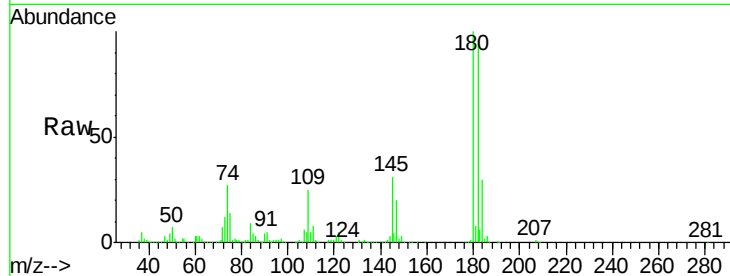
#93
1,2,4-Trichlorobenzene
Concen: 50.607 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	295886		
182	95.7	47.8	143.3	
145	31.2	15.5	46.5	

Manual Integrations
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6/2/2020 4:01:39 PM

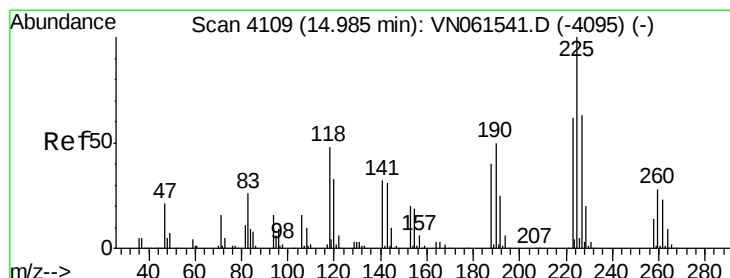
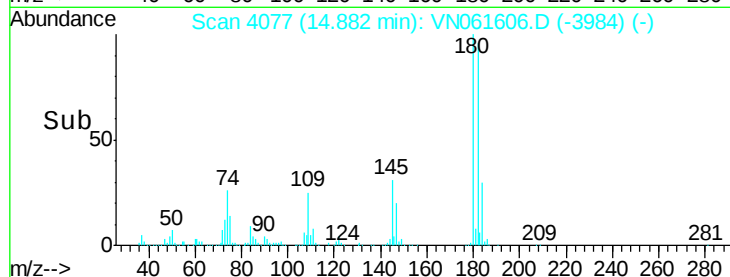
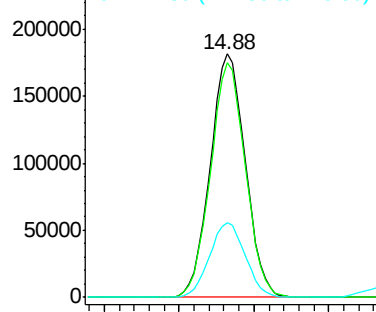


Abundance

Ion 179.80 (179.50 to 180.50): V

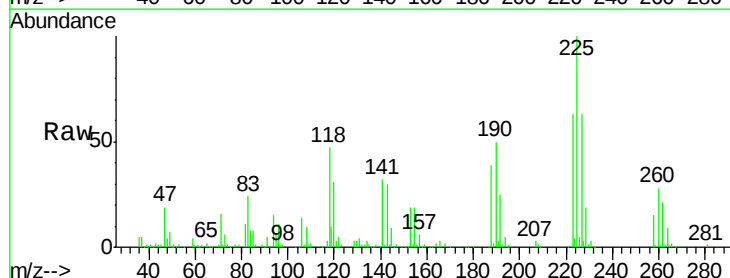
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 46.975 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	117135		
223	64.0	31.9	95.5	
227	63.5	31.9	95.9	

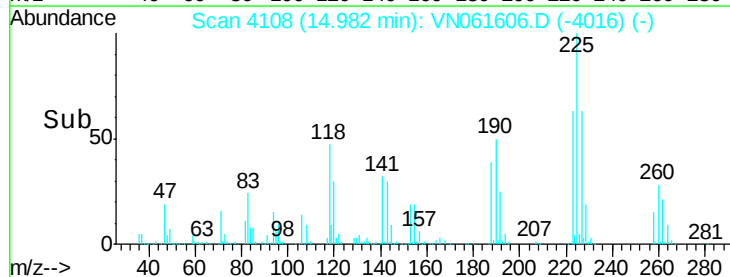
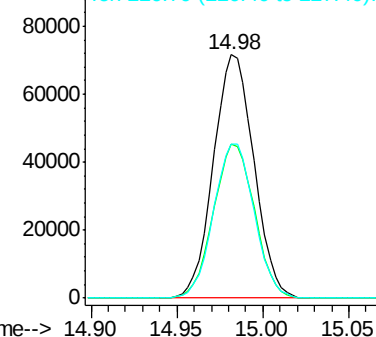


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





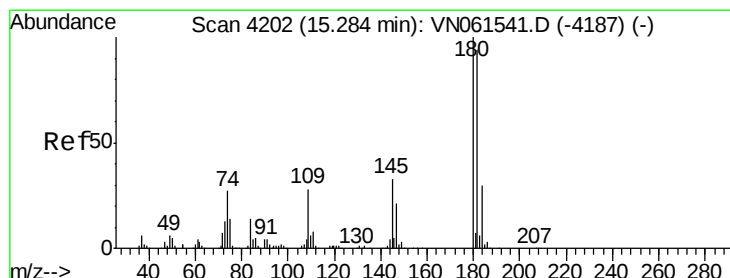
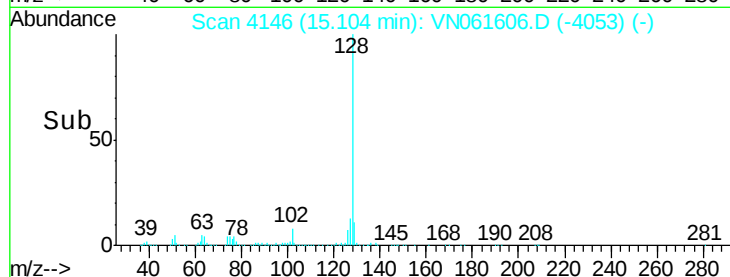
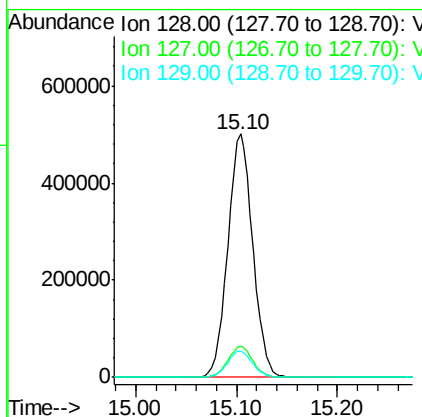
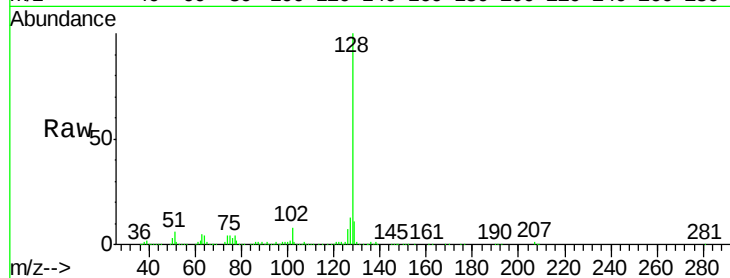
#95
Naphthalene
Concen: 48.472 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/2/2020 4:01:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.445 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.1	141.3
145	33.1	16.3	48.9

