

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061582.D
 Acq On : 29 May 2020 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:29:39 PM

Quant Time: May 30 07:12:40 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	313488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	544690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	275589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201393	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.55	113	148606	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.06	98	674583	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.37	95	250138	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	167832	46.452	ug/l	97
3) Chloromethane	2.03	50	191333	50.041	ug/l	100
4) Vinyl Chloride	2.16	62	272028	51.917	ug/l	98
5) Bromomethane	2.53	94	159152	52.935	ug/l	97
6) Chloroethane	2.67	64	173393	51.412	ug/l	99
7) Trichlorofluoromethane	2.98	101	341777	50.583	ug/l	98
8) Diethyl Ether	3.37	74	96582	46.747	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	144739	48.274	ug/l	97
10) Methyl Iodide	3.91	142	187330	45.007	ug/l	98
11) Tert butyl alcohol	4.73	59	133666	269.054	ug/l	98
12) 1,1-Dichloroethene	3.70	96	147034	45.901	ug/l	99
13) Acrolein	3.56	56	39700	279.469	ug/l	96
14) Allyl chloride	4.27	41	199705	47.687	ug/l	99
15) Acrylonitrile	4.93	53	343783	247.920	ug/l	99
16) Acetone	3.77	43	266543	259.167	ug/l	99
17) Carbon Disulfide	4.01	76	333769	47.359	ug/l	100
18) Methyl Acetate	4.27	43	164136	48.544	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	520435	47.671	ug/l	98
20) Methylene Chloride	4.50	84	171674	50.590	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	172001	47.613	ug/l	97
22) Diisopropyl ether	5.90	45	456532	49.461	ug/l	98
23) Vinyl Acetate	5.84	43	1727636	234.841	ug/l	100
24) 1,1-Dichloroethane	5.80	63	284843	48.666	ug/l	99
25) 2-Butanone	6.78	43	419610	237.050	ug/l	98
26) 2,2-Dichloropropane	6.77	77	234970	43.862	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	203410	49.726	ug/l	99
28) Bromochloromethane	7.15	49	123141	56.216	ug/l	97
29) Tetrahydrofuran	7.17	42	275999	236.452	ug/l	99
30) Chloroform	7.33	83	327216	50.533	ug/l	100
31) Cyclohexane	7.61	56	250457	47.580	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	294112	49.847	ug/l	100
36) 1,1-Dichloropropene	7.75	75	233876	48.503	ug/l	99
37) Ethyl Acetate	6.88	43	185675	47.808	ug/l	100
38) Carbon Tetrachloride	7.73	117	233898	50.289	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	288936	48.615	ug/l	99
40) Benzene	8.00	78	724911	48.724	ug/l	100
41) Methacrylonitrile	7.12	41	75393	42.370	ug/l	96
42) 1,2-Dichloroethane	8.09	62	240085	48.201	ug/l	99
43) Isopropyl Acetate	8.13	43	318605	45.598	ug/l #	92
44) Trichloroethene	8.80	130	216530	47.357	ug/l	98
45) 1,2-Dichloropropane	9.09	63	171631	48.582	ug/l	100
46) Dibromomethane	9.18	93	131664	48.594	ug/l	97
47) Bromodichloromethane	9.37	83	264516	49.276	ug/l	99
48) Methyl methacrylate	9.17	41	140723	44.764	ug/l	99
49) 1,4-Dioxane	9.17	88	56656	1163.342	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	929620	236.093	ug/l	99
52) Toluene	10.12	92	481755	49.611	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	279440	48.322	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	297287	47.812	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	187401	48.440	ug/l	99
56) Ethyl methacrylate	10.40	69	266534	49.319	ug/l	98
57) 1,3-Dichloropropane	10.68	76	305822	49.425	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	566126	245.130	ug/l	100
59) 2-Hexanone	10.72	43	670792	237.212	ug/l	100
60) Dibromochloromethane	10.87	129	218800	49.747	ug/l	100
61) 1,2-Dibromoethane	10.98	107	202591	50.210	ug/l	99
64) Tetrachloroethene	10.60	164	226618	45.100	ug/l	98
65) Chlorobenzene	11.41	112	532466	47.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	199201	48.215	ug/l	100
67) Ethyl Benzene	11.48	91	926488	48.310	ug/l	100
68) m/p-Xylenes	11.60	106	735608	96.738	ug/l	100
69) o-Xylene	11.92	106	347674	48.138	ug/l	99
70) Styrene	11.94	104	598493	50.039	ug/l	99
71) Bromoform	12.10	173	152190	47.804	ug/l #	97
73) Isopropylbenzene	12.22	105	928743	46.173	ug/l	99
74) N-amyl acetate	12.04	43	278925	44.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	254259	45.108	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	213139m	42.532	ug/l	
77) Bromobenzene	12.50	156	231481	45.085	ug/l	97
78) n-propylbenzene	12.56	91	1059694	47.191	ug/l	99
79) 2-Chlorotoluene	12.65	91	614233	45.874	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	798793	47.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	84018	42.875	ug/l	99
82) 4-Chlorotoluene	12.75	91	645088	45.796	ug/l	99
83) tert-Butylbenzene	12.97	119	686106	46.190	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	794814	47.589	ug/l	98
85) sec-Butylbenzene	13.15	105	904183	47.239	ug/l	99
86) p-Isopropyltoluene	13.26	119	843494	47.852	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	427011	46.966	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	425281	45.916	ug/l	99
89) n-Butylbenzene	13.59	91	709806	48.076	ug/l	99
90) Hexachloroethane	13.85	117	99800	51.195	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	409446	47.124	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48600	42.277	ug/l	97

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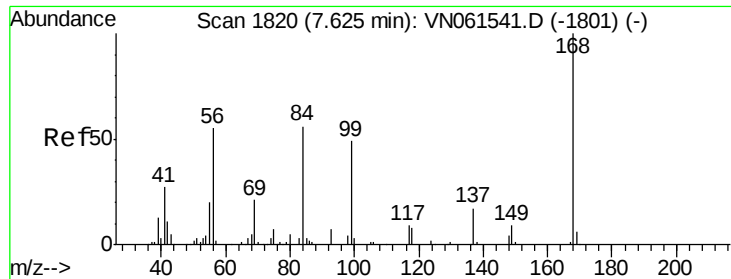
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	237726	46.782	ug/l	99
94) Hexachlorobutadiene	14.98	225	97059	44.785	ug/l	97
95) Naphthalene	15.10	128	718324	46.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	232377	46.511	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 313488

Ion Ratio Lower Upper

168 100

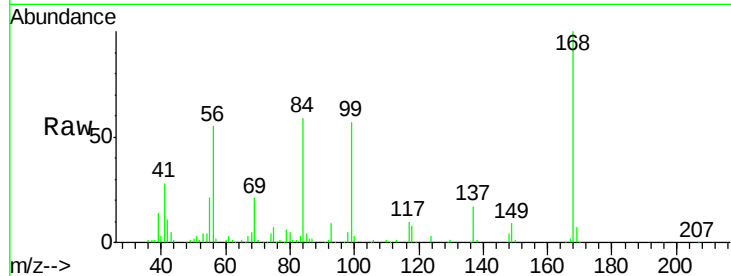
99 56.4 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

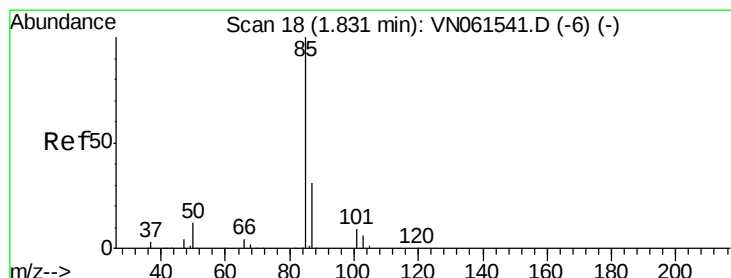
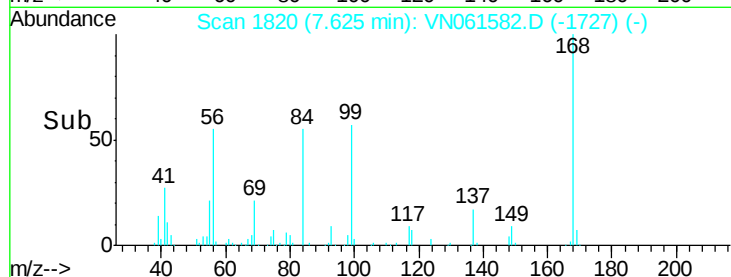
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.452 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061582.D

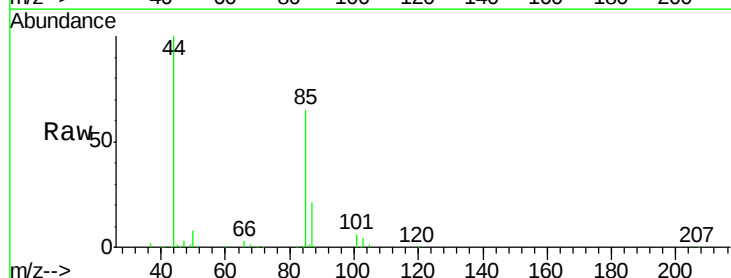
Acq: 29 May 2020 21:03

Tgt Ion: 85 Resp: 167832

Ion Ratio Lower Upper

85 100

87 32.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

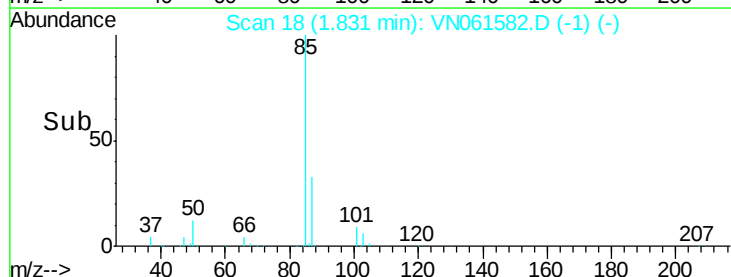
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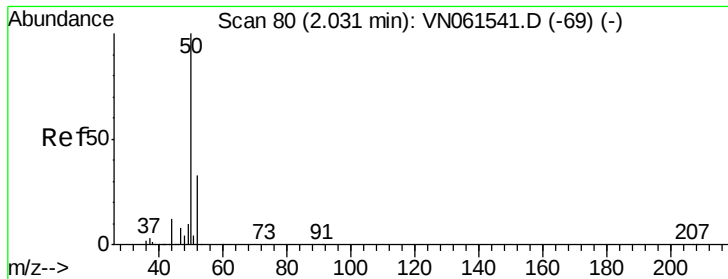
100000

50000

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Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 50.041 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 191333

Ion Ratio Lower Upper

50 100

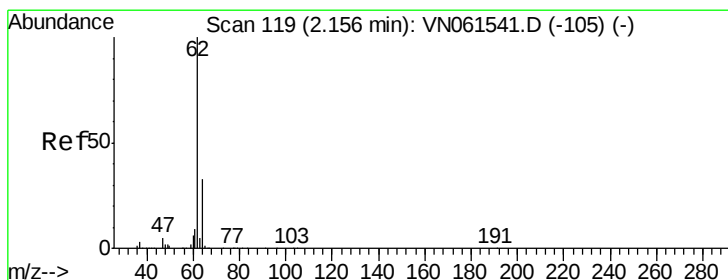
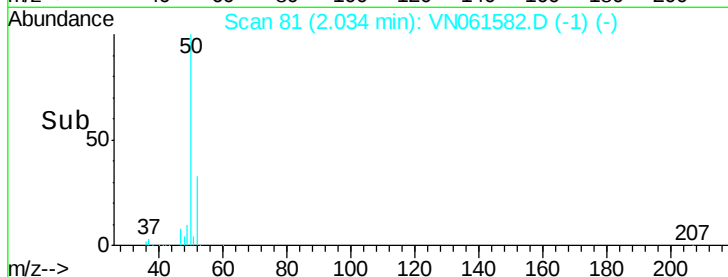
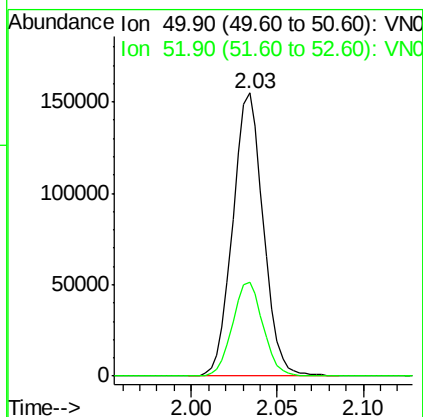
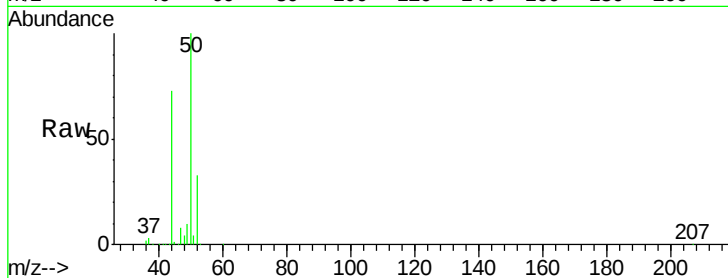
52 33.3 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.917 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061582.D

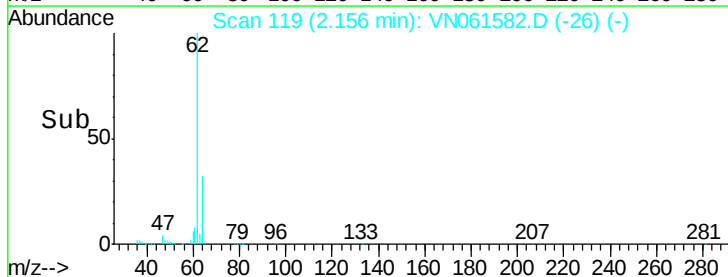
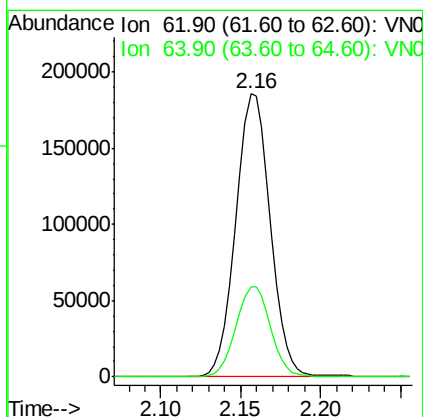
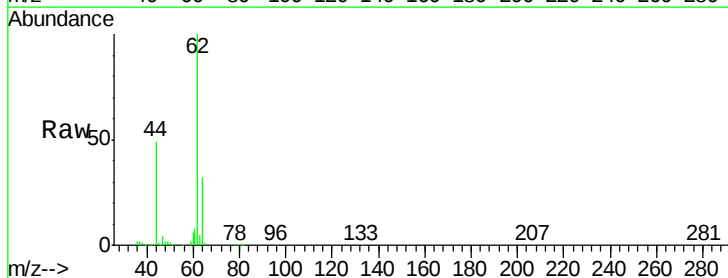
Acq: 29 May 2020 21:03

Tgt Ion: 62 Resp: 272028

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 52.935 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 159152

Ion Ratio Lower Upper

94 100

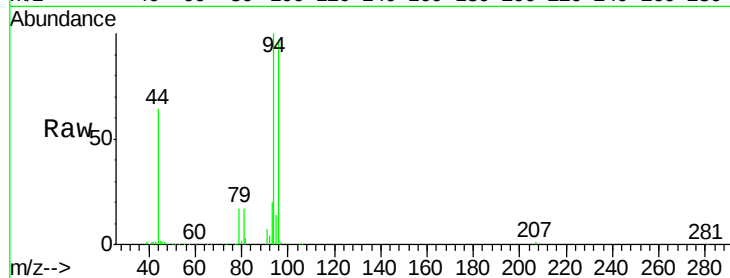
96 96.2 74.8 112.2

Manual Integrations

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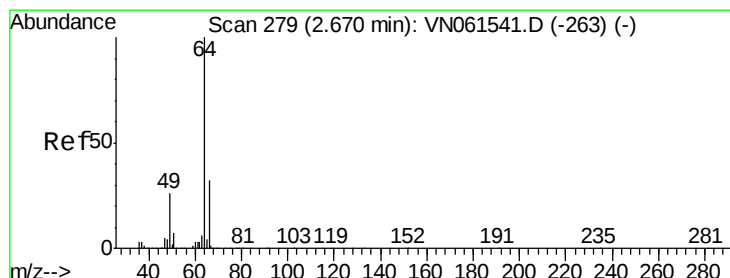
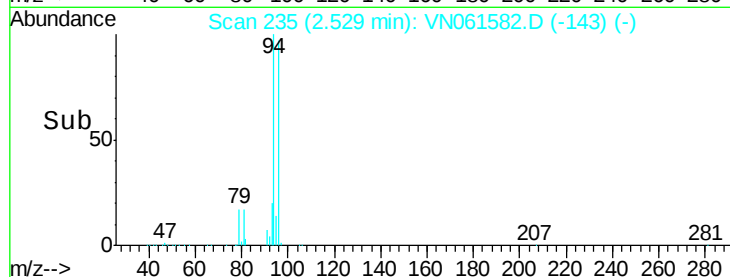
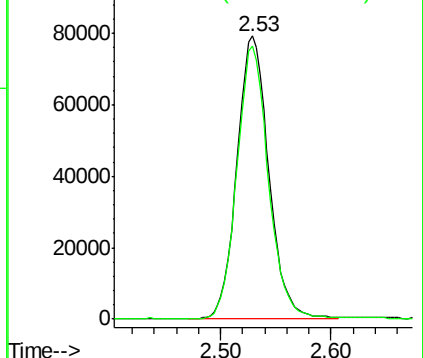
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 51.412 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061582.D

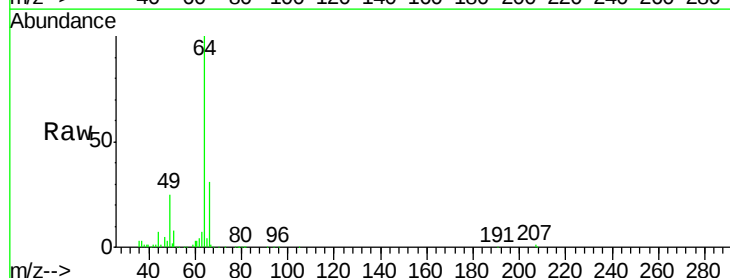
Acq: 29 May 2020 21:03

Tgt Ion: 64 Resp: 173393

Ion Ratio Lower Upper

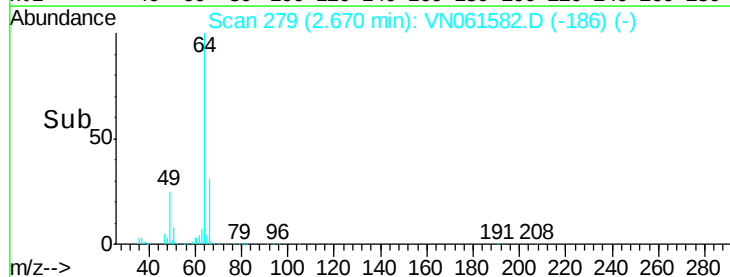
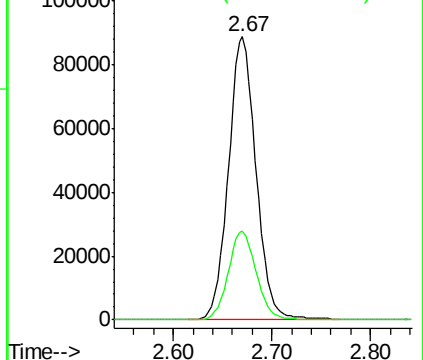
64 100

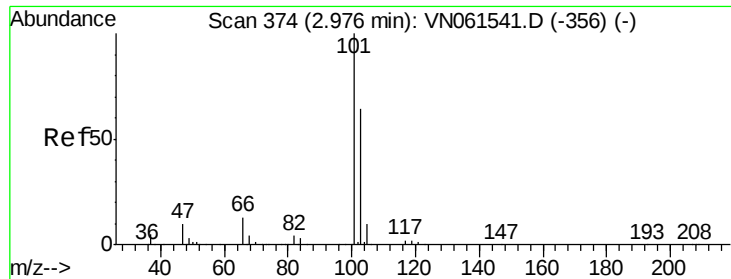
66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

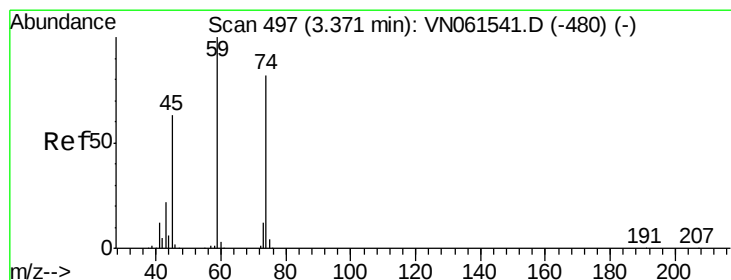
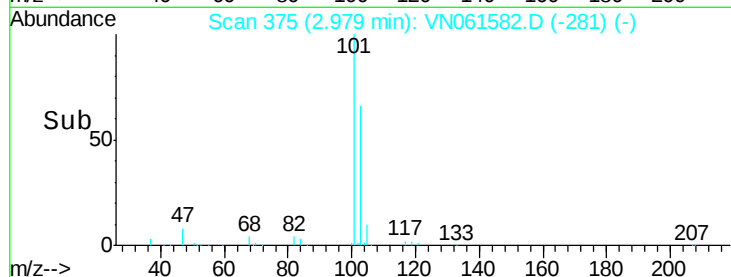
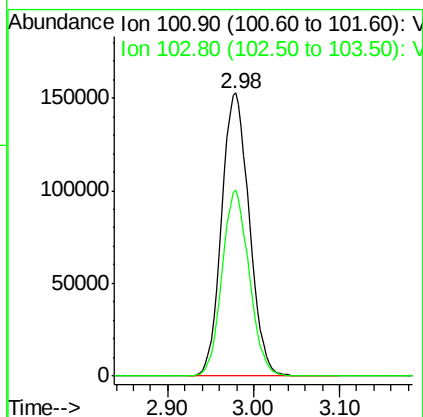
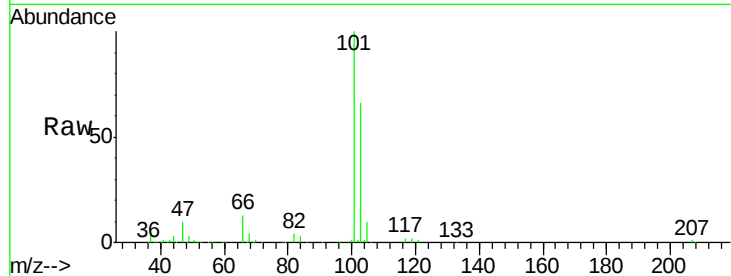
Trichlorofluoromethane
Concen: 50.583 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.4	77.2

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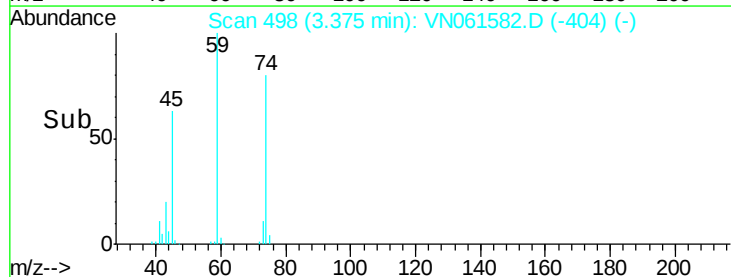
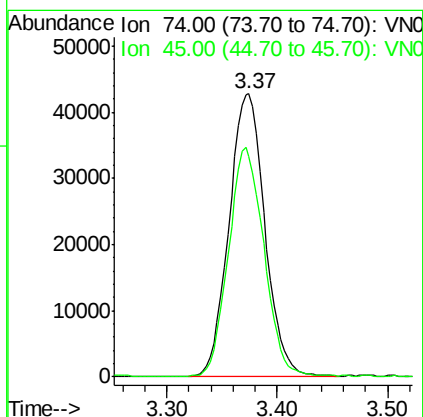
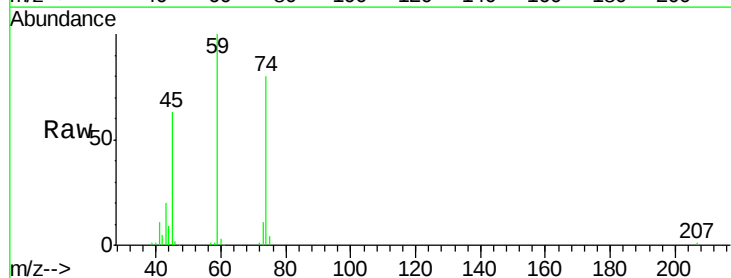
MMDadoda
6/1/2020 12:29:39 PM

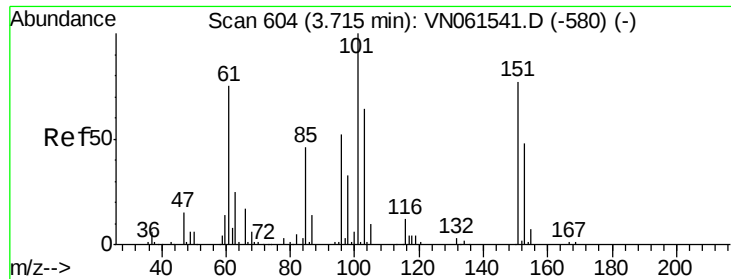


#8

Diethyl Ether
Concen: 46.747 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.4	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.274 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

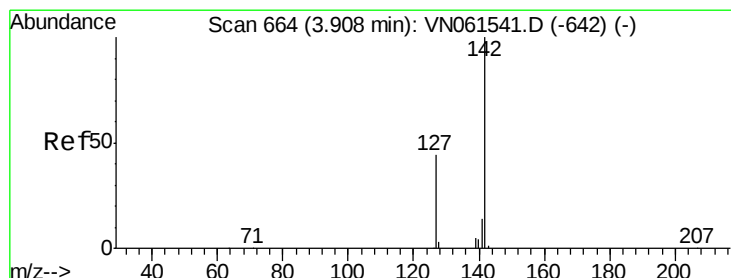
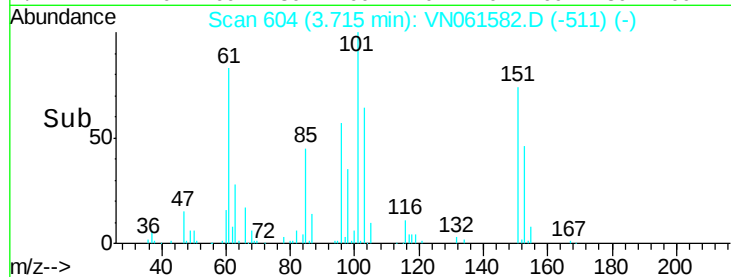
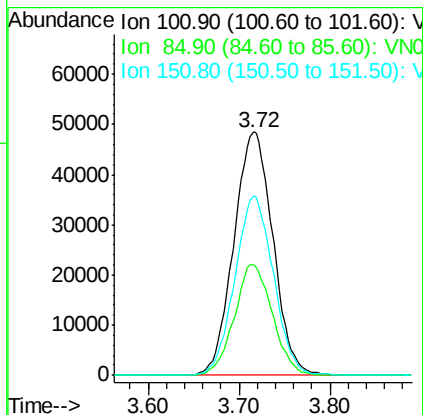
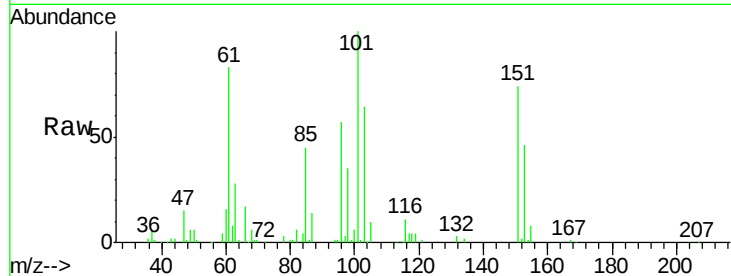
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	144739
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.2	52.8
151	72.7	61.0	91.6

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#10

Methyl Iodide

Concen: 45.007 ug/l

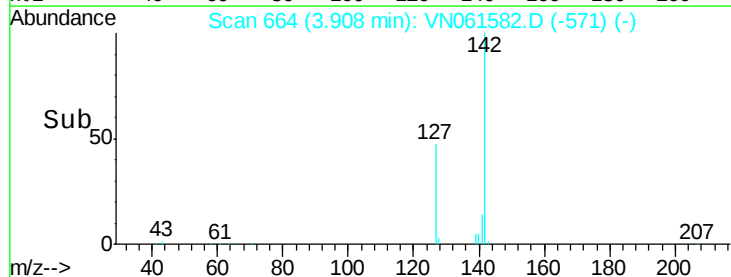
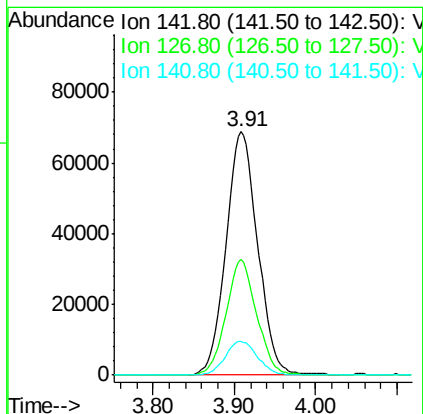
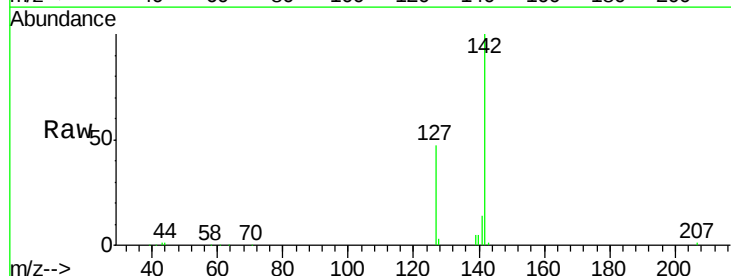
RT: 3.91 min Scan# 664

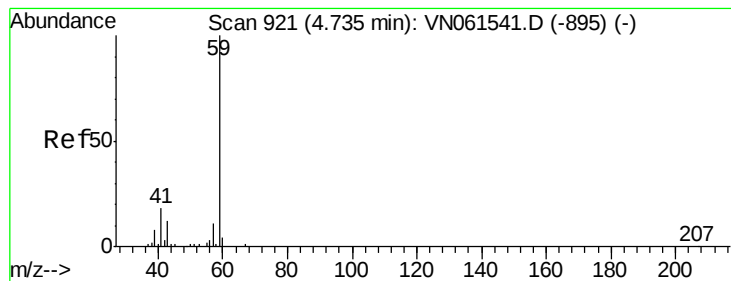
Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion:	142	Resp:	187330
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.5	53.3
141	14.1	11.5	17.3





#11

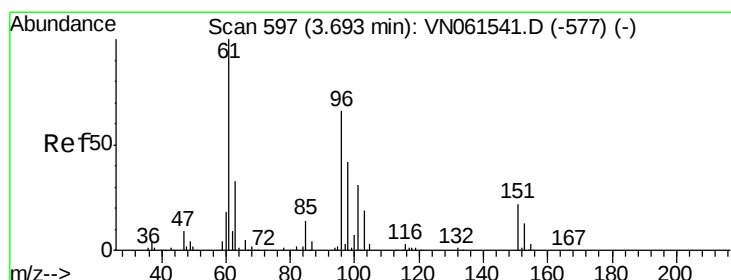
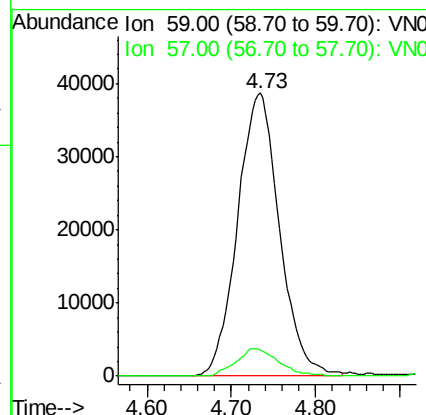
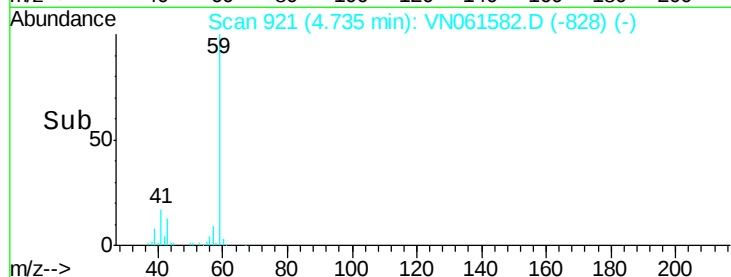
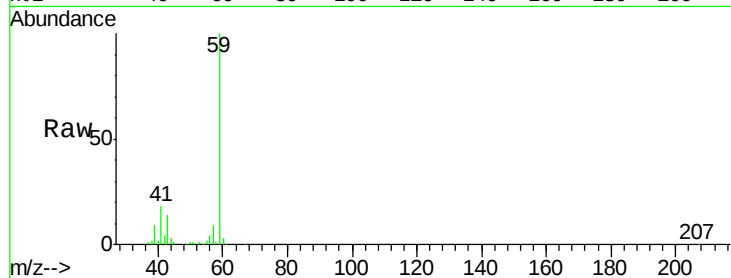
Tert butyl alcohol
Concen: 269.054 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	133666		
57	9.9		8.4	12.6

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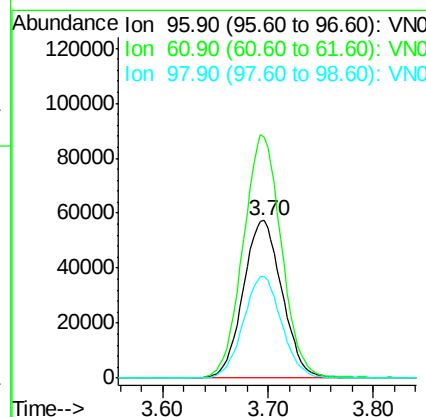
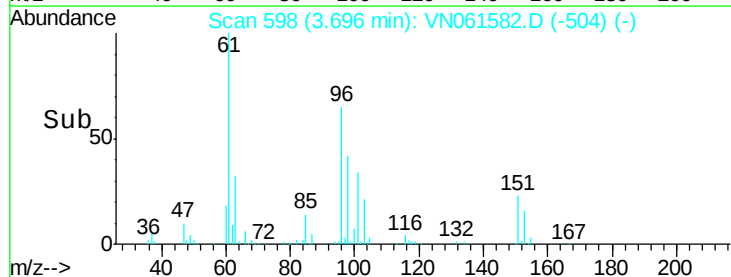
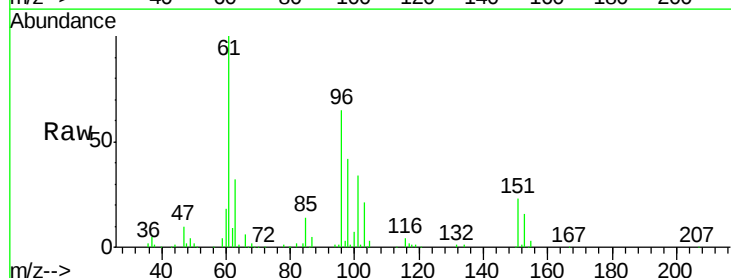
MMDadoda
6/1/2020 12:29:39 PM

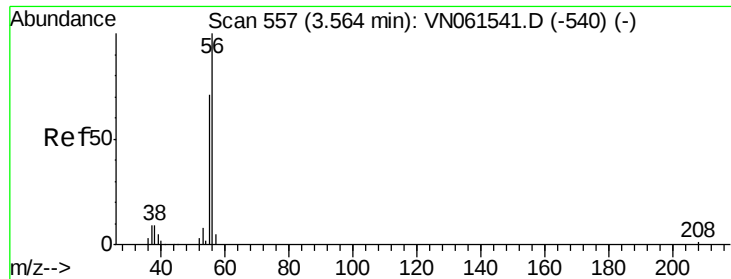


#12

1,1-Dichloroethene
Concen: 45.901 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	147034		
61	152.9		120.5	180.7
98	64.0		50.8	76.2





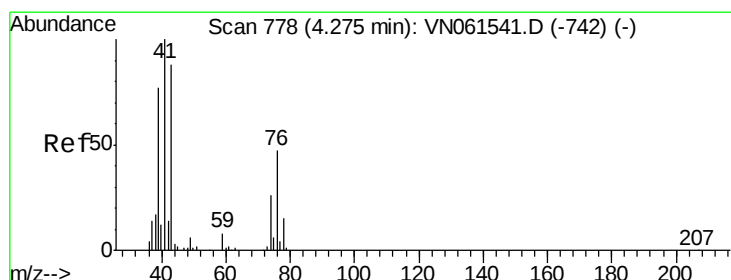
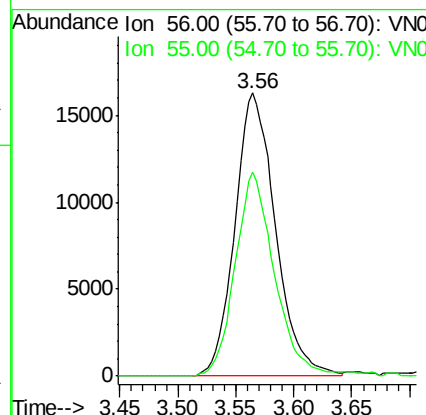
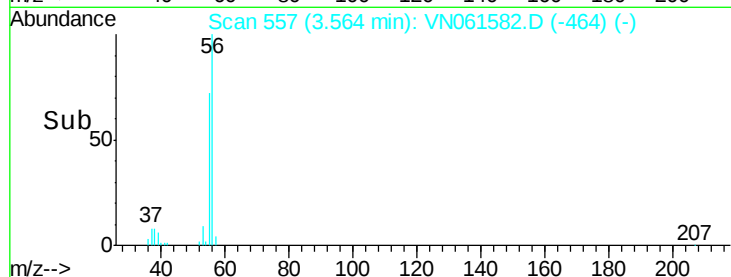
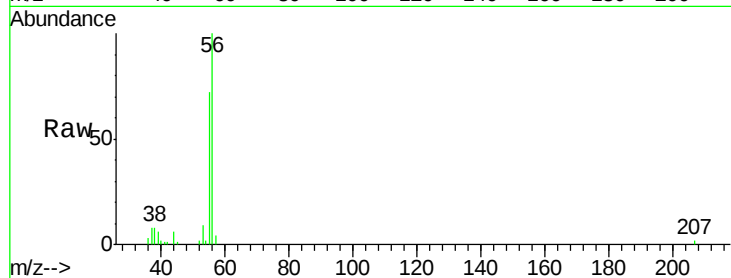
#13
Acrolein
Concen: 279.469 ug/l
RT: 3.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	58.0	87.0

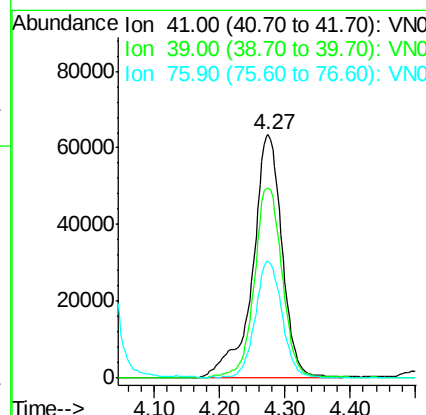
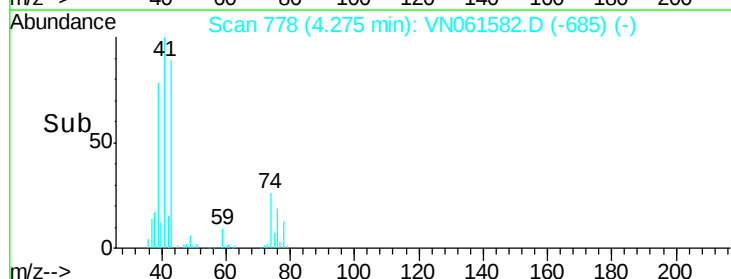
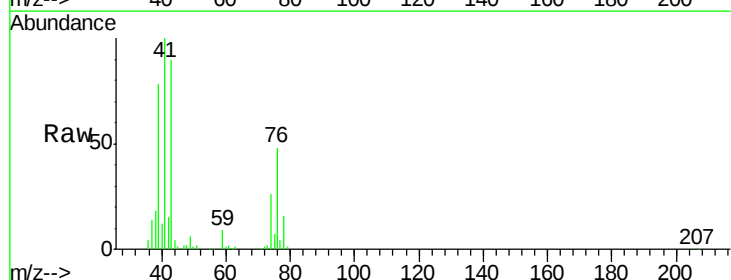
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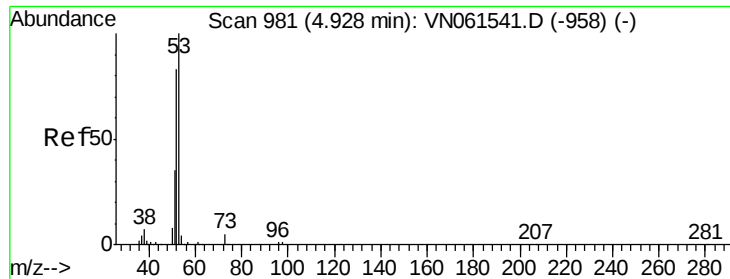
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#14
Allyl chloride
Concen: 47.687 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.0	58.6	88.0
76	43.7	34.2	51.4





#15

Acrylonitrile

Concen: 247.920 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

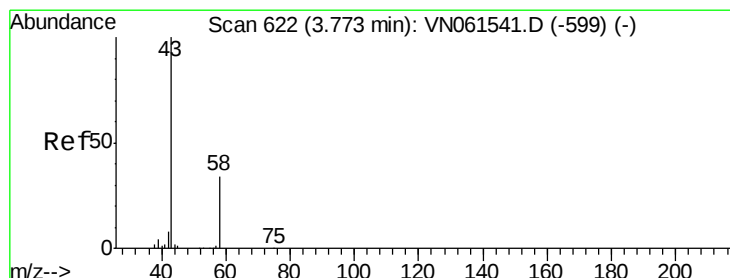
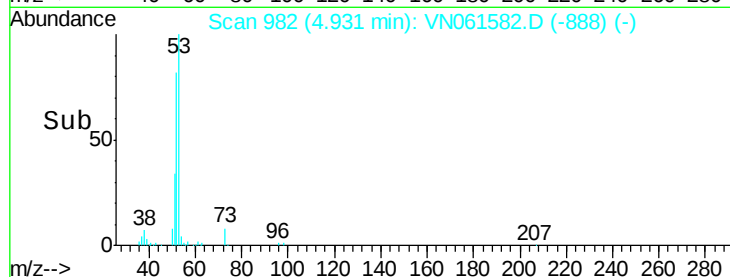
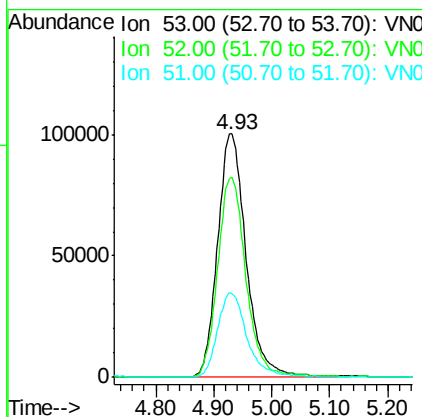
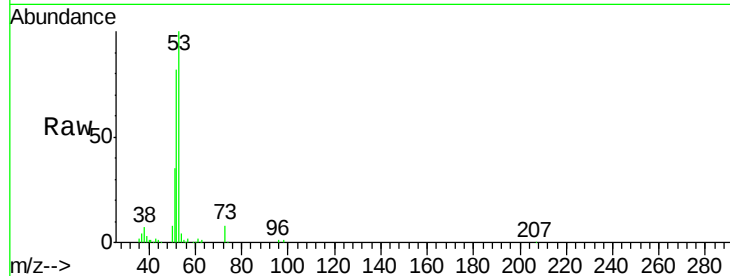
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	343783
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.4	98.2
51	35.7	29.0	43.6

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#16

Acetone

Concen: 259.167 ug/l

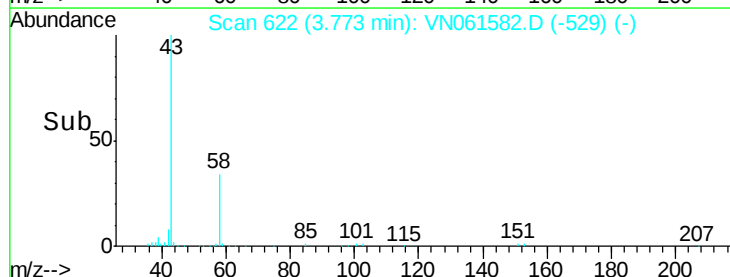
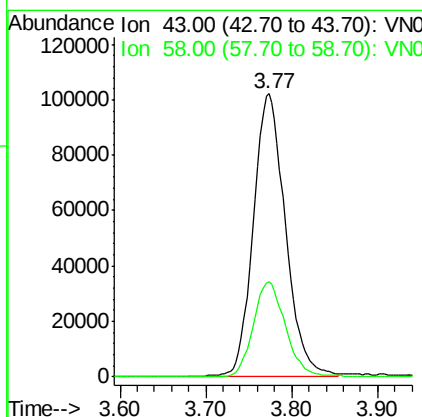
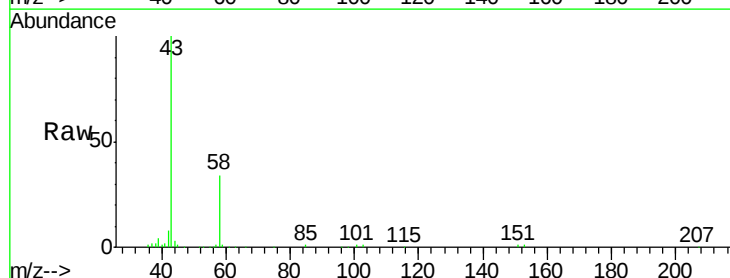
RT: 3.77 min Scan# 622

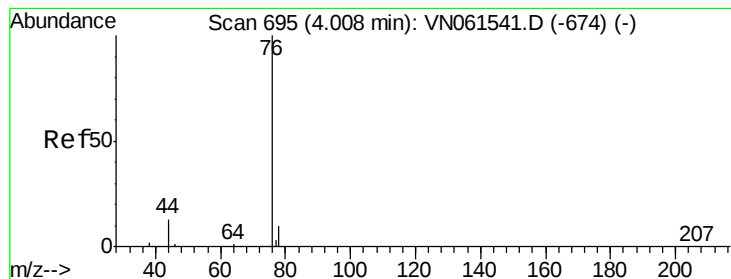
Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion:	43	Resp:	266543
Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.2	40.8





#17

Carbon Disulfide

Concen: 47.359 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 333769

Ion Ratio Lower Upper

76 100

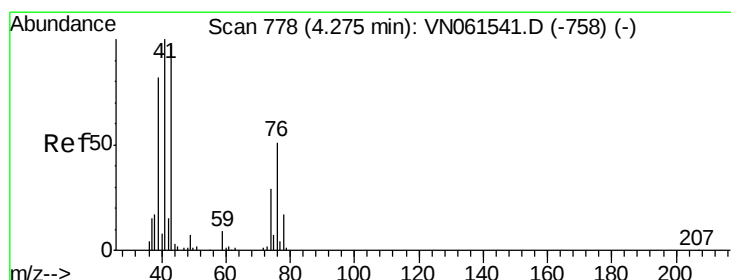
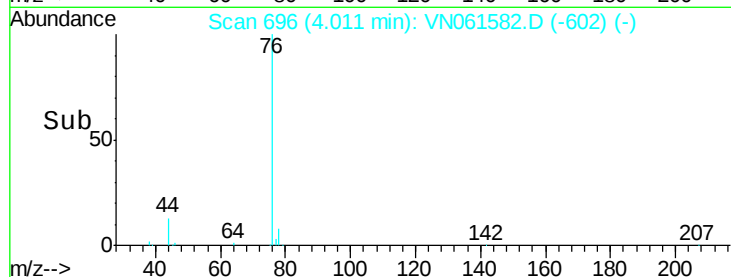
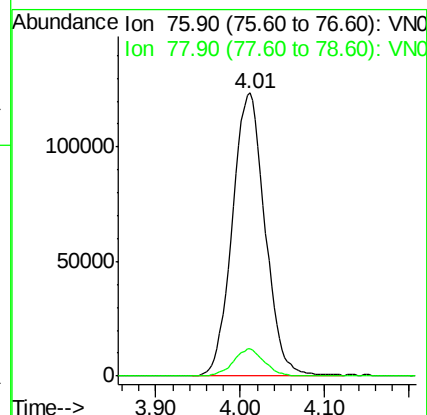
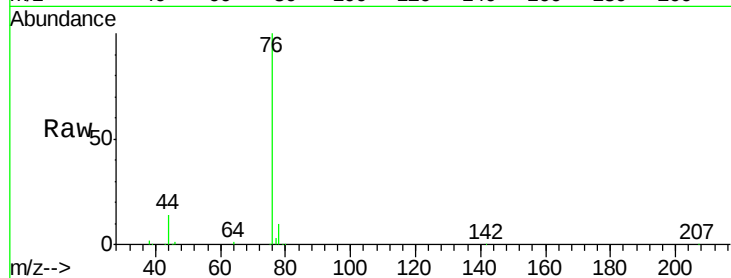
78 9.6 7.8 11.6

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#18

Methyl Acetate

Concen: 48.544 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061582.D

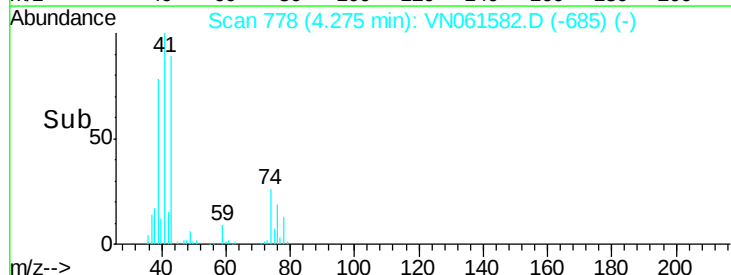
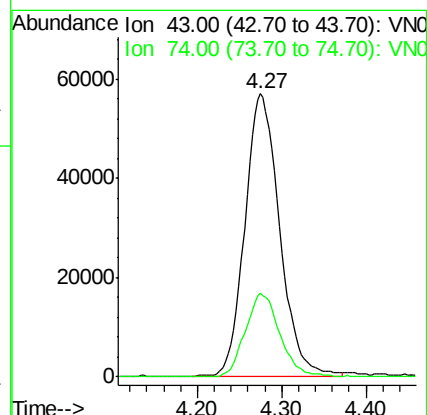
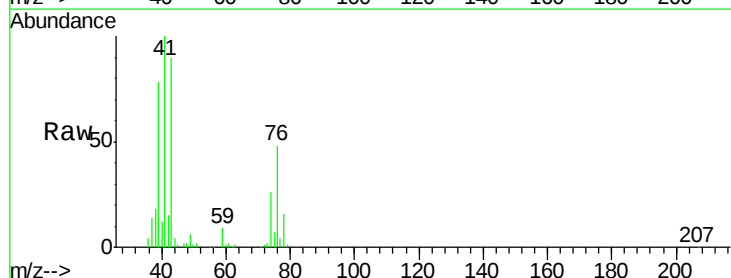
Acq: 29 May 2020 21:03

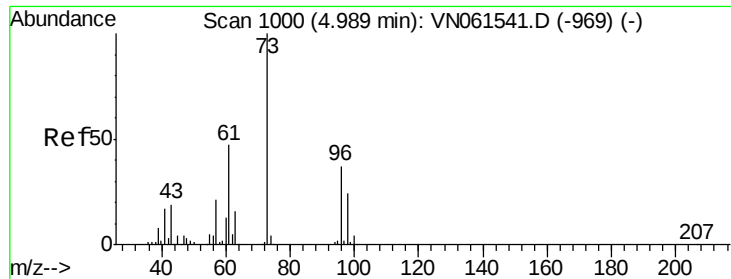
Tgt Ion: 43 Resp: 164136

Ion Ratio Lower Upper

43 100

74 29.2 23.2 34.8





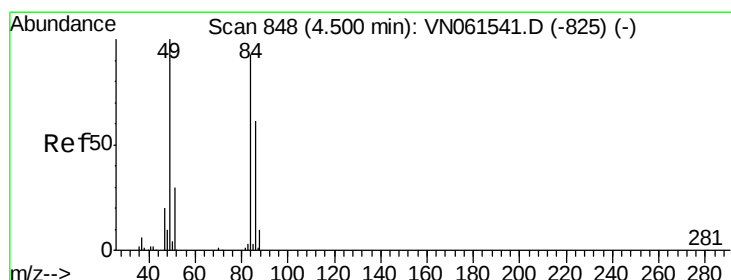
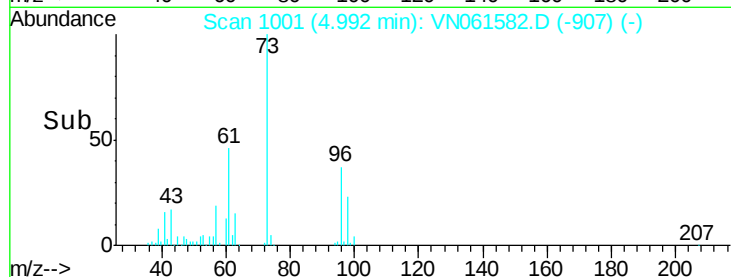
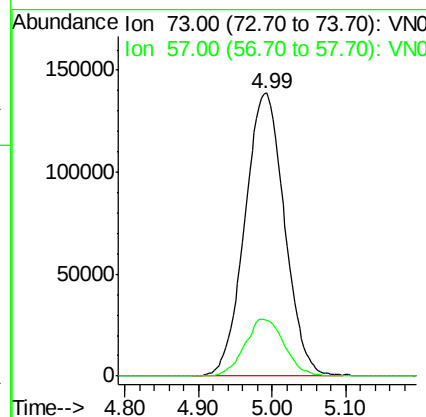
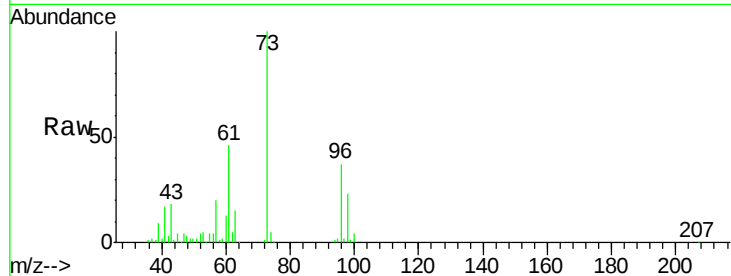
#19
Methvl tert-butvl Ether
Concen: 47.671 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 520435
Ion Ratio Lower Upper
73 100
57 19.7 16.4 24.6

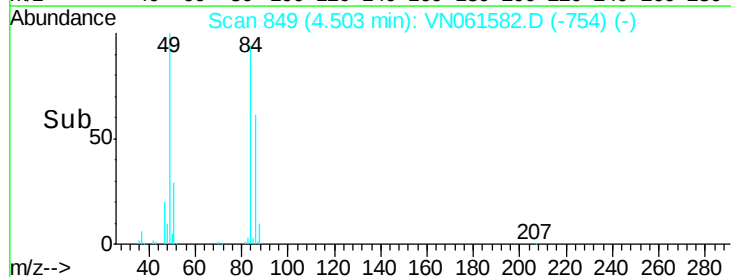
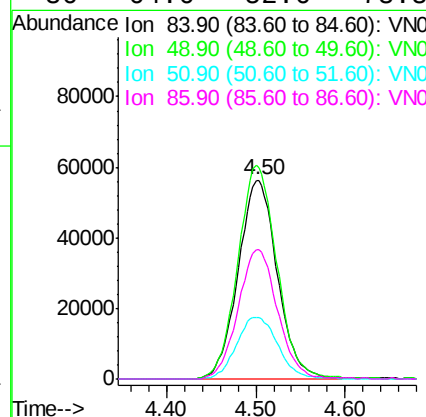
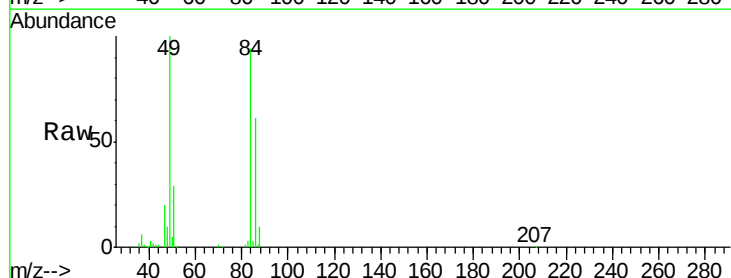
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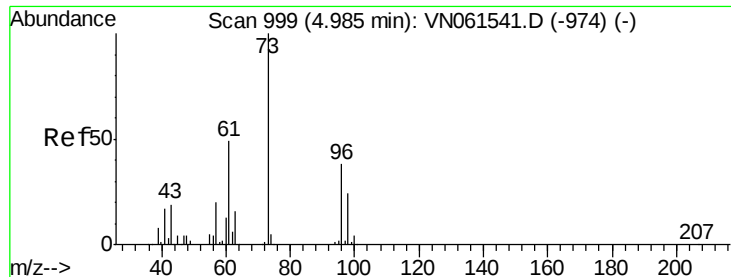
MMDadoda
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#20
Methylene Chloride
Concen: 50.590 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion: 84 Resp: 171674
Ion Ratio Lower Upper
84 100
49 106.2 85.8 128.8
51 30.7 26.2 39.2
86 64.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.613 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

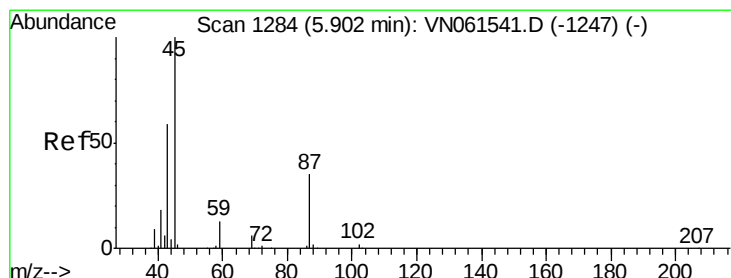
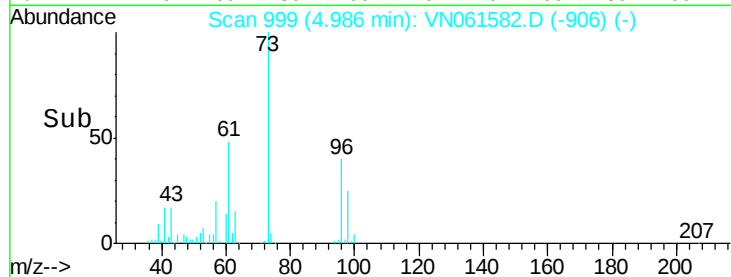
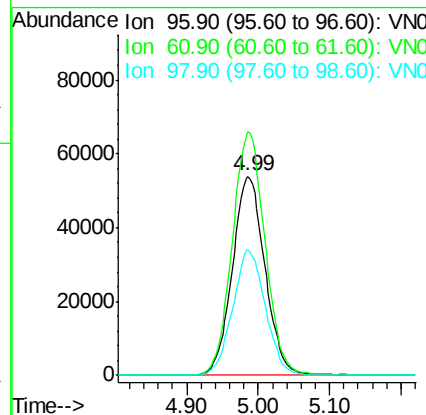
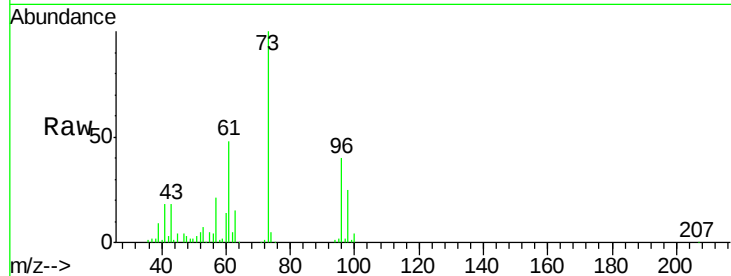
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	172001
Ion	Ratio	Lower	Upper
96	100		
61	122.1	101.4	152.0
98	63.3	50.6	76.0

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#22

Diisopropyl ether

Concen: 49.461 ug/l

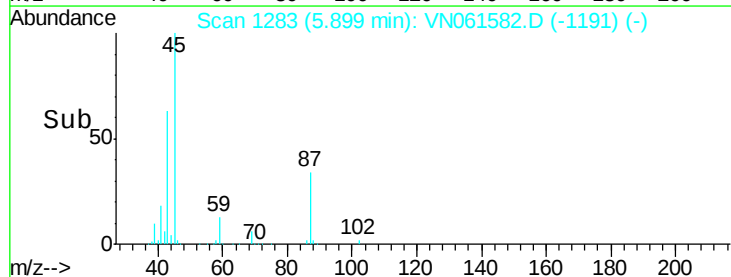
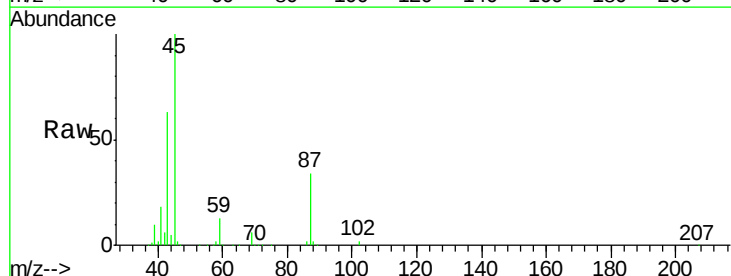
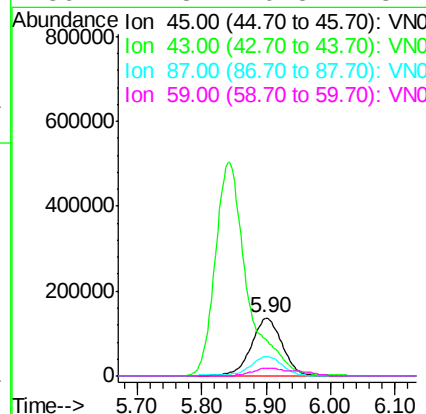
RT: 5.90 min Scan# 1283

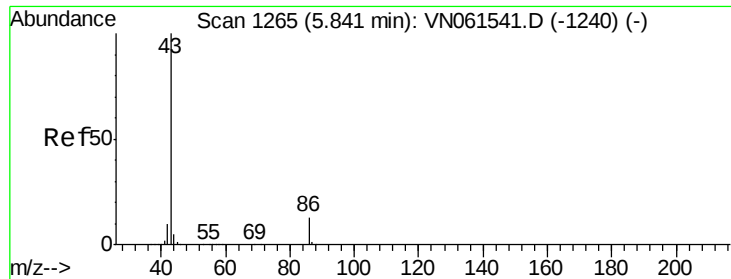
Delta R.T. -0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion:	45	Resp:	456532
Ion	Ratio	Lower	Upper
45	100		
43	62.2	47.9	71.9
87	34.3	28.4	42.6
59	12.8	10.5	15.7





#23

Vinyl Acetate

Concen: 234.841 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1727636

Ion Ratio Lower Upper

43 100

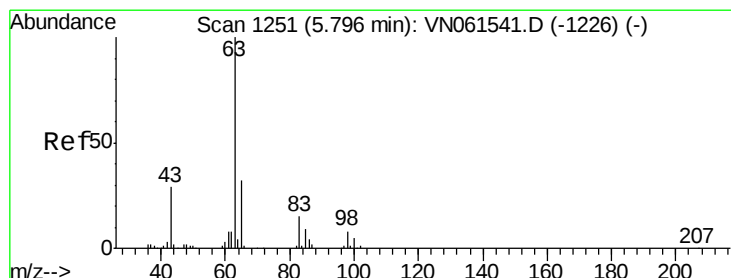
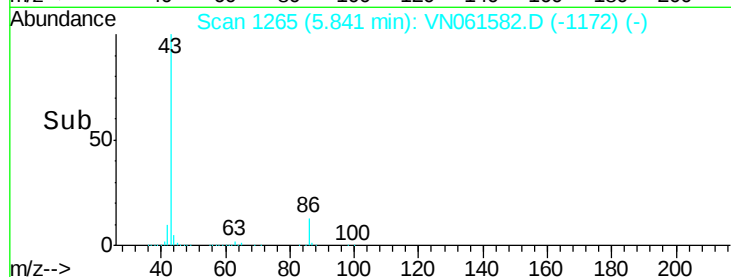
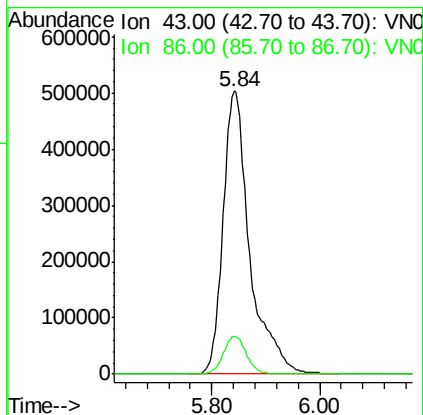
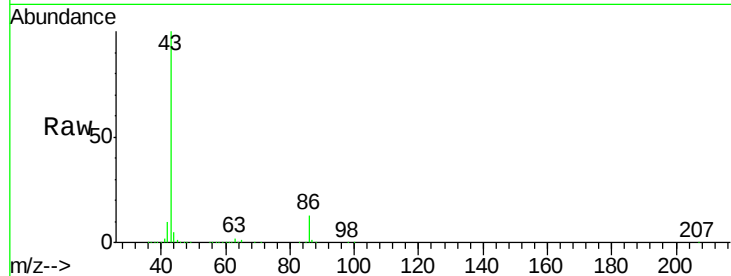
86 13.3 10.6 16.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.666 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

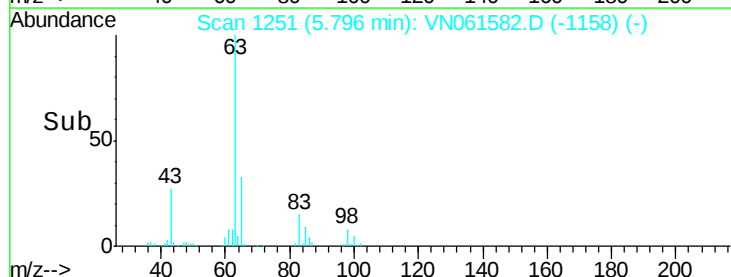
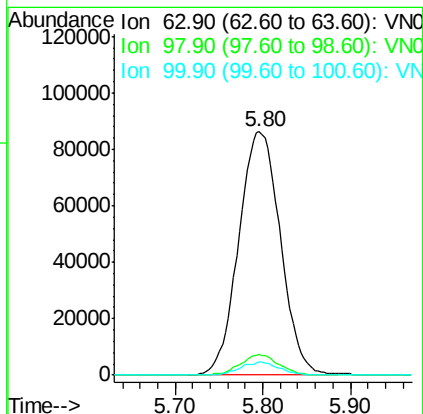
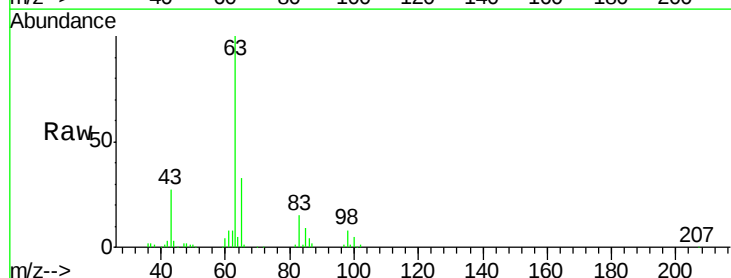
Tgt Ion: 63 Resp: 284843

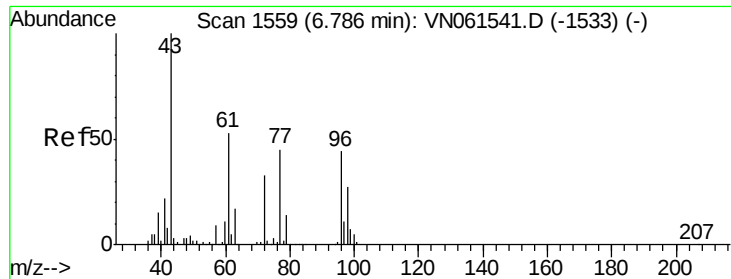
Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.4

100 5.2 2.5 7.6





#25

2-Butanone

Concen: 237.050 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 419610

Ion Ratio Lower Upper

43 100

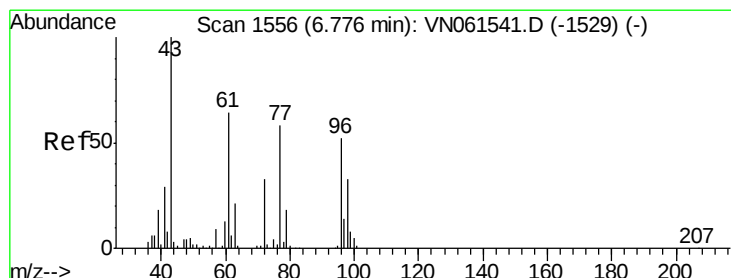
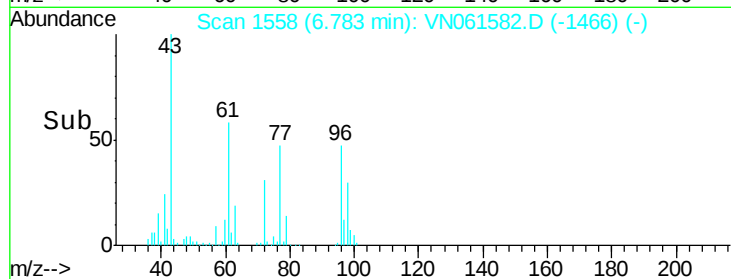
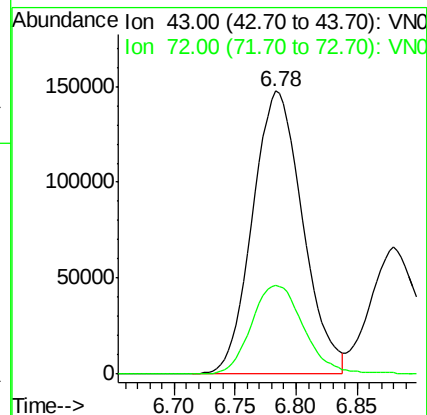
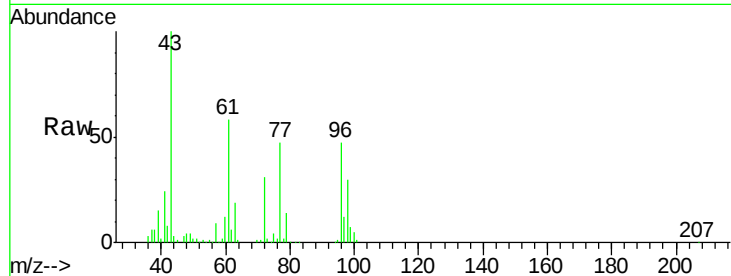
72 31.3 26.0 39.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.862 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061582.D

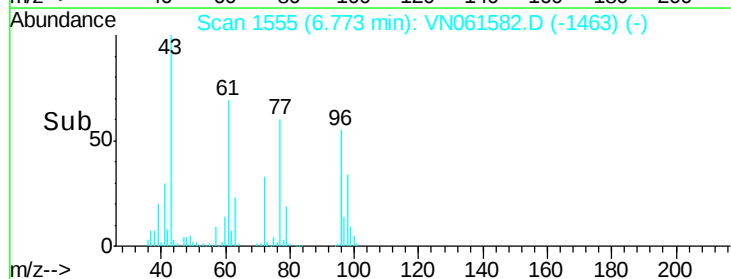
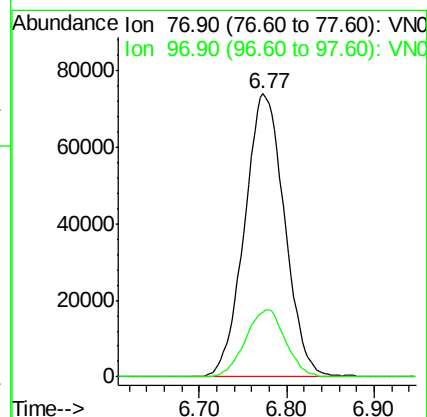
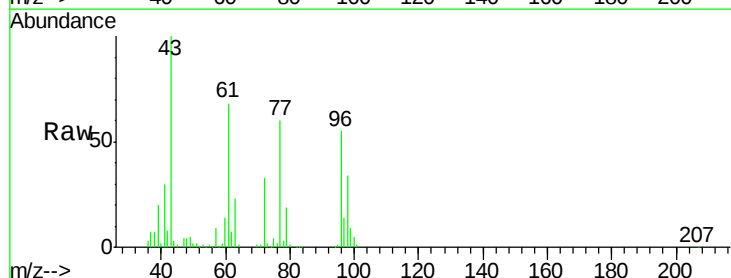
Acq: 29 May 2020 21:03

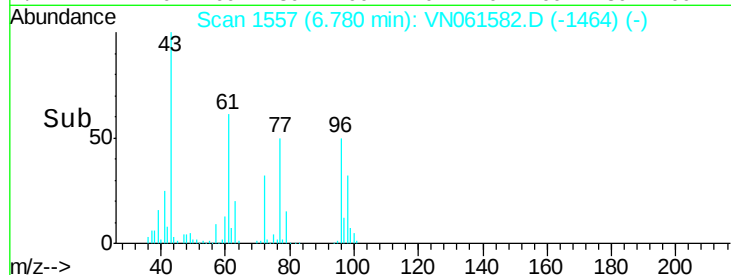
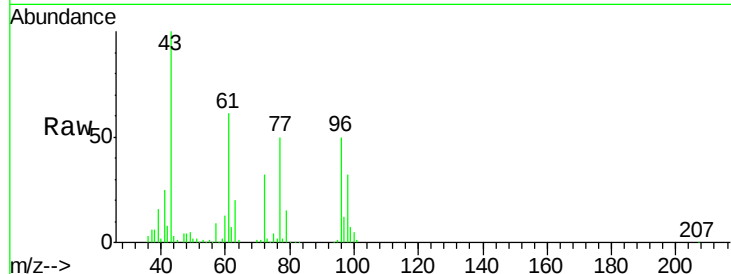
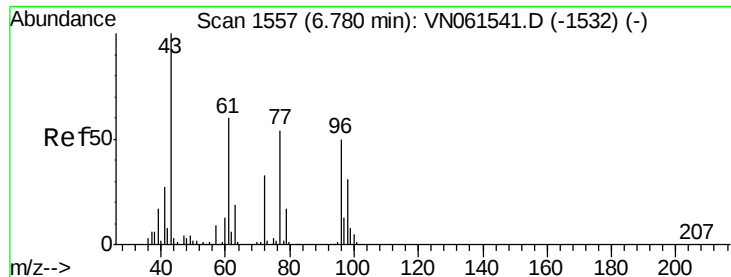
Tgt Ion: 77 Resp: 234970

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 49.726 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061582.D

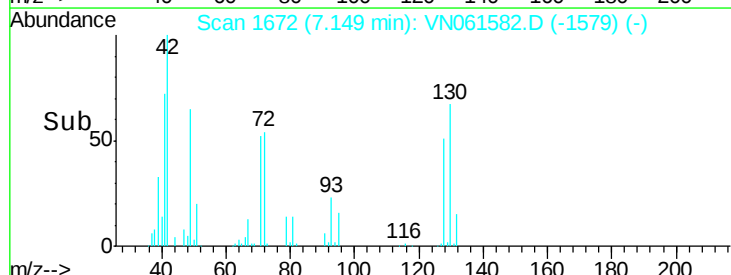
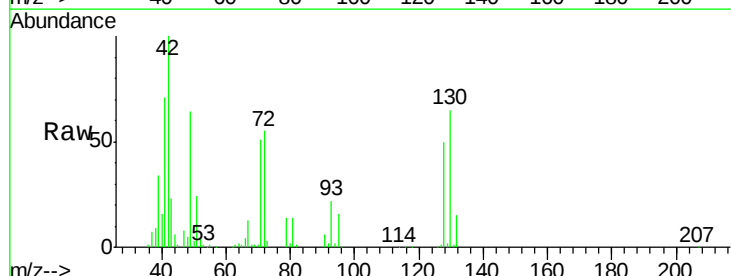
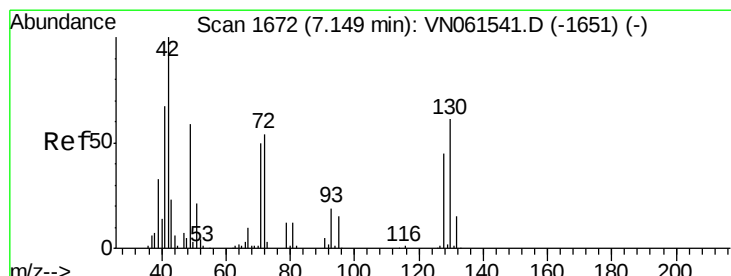
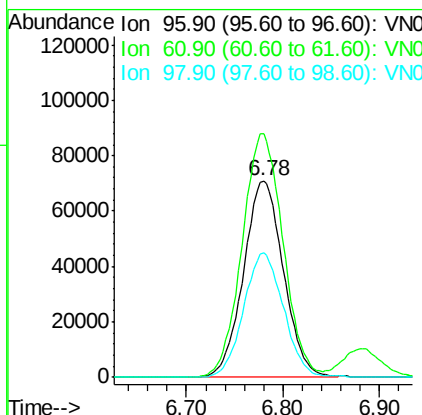
Acq: 29 May 2020 21:03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	203410		
61	127.1	0.0	252.2	
98	63.6	0.0	129.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 56.216 ug/l

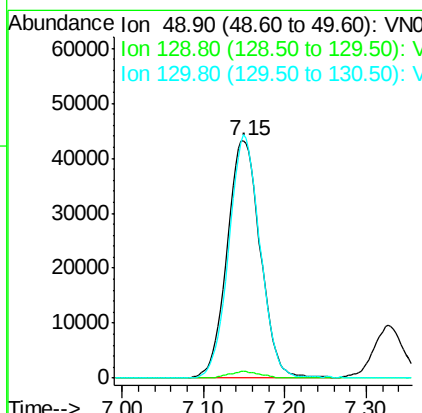
RT: 7.15 min Scan# 1672

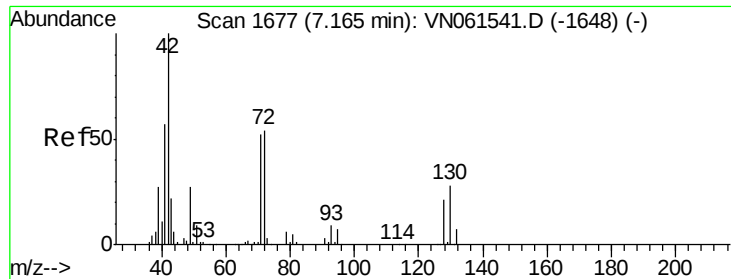
Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123141		
129	2.7	0.0	4.8	
130	95.8	78.8	118.2	





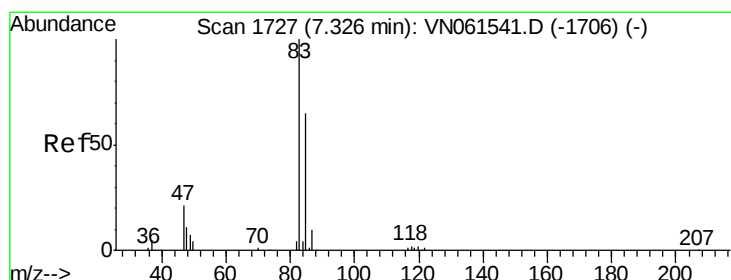
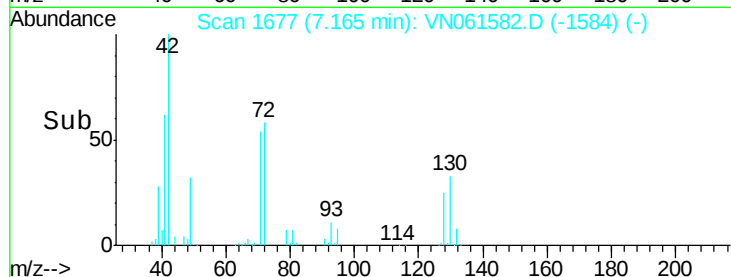
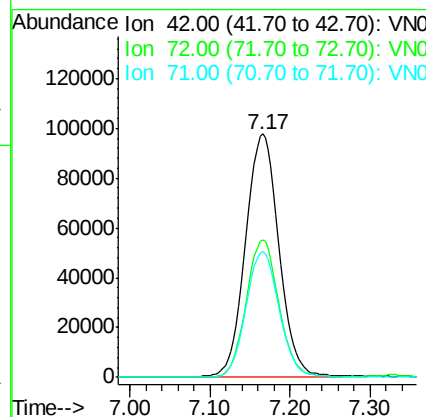
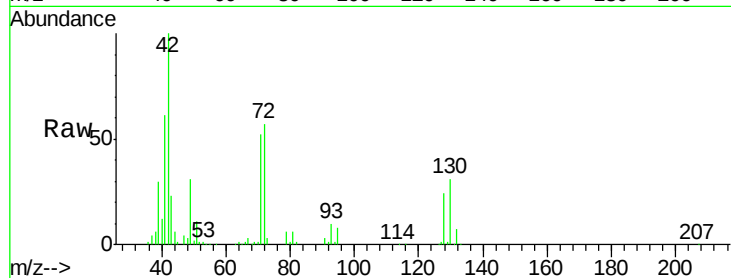
#29
Tetrahydrofuran
Concen: 236.452 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.5	43.6	65.4
71	51.5	41.2	61.8

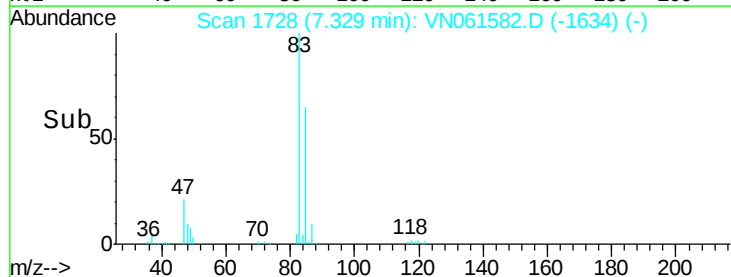
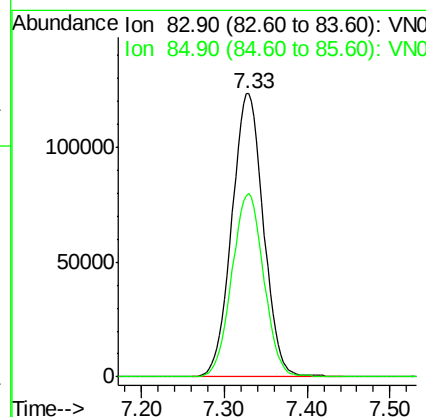
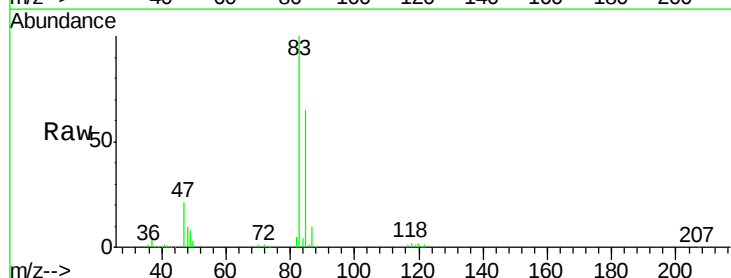
Manual Integrations
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6/1/2020 12:29:39 PM



#30
Chloroform
Concen: 50.533 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5





#31

Cyclohexane

Concen: 47.580 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 250457

Ion Ratio Lower Upper

56 100

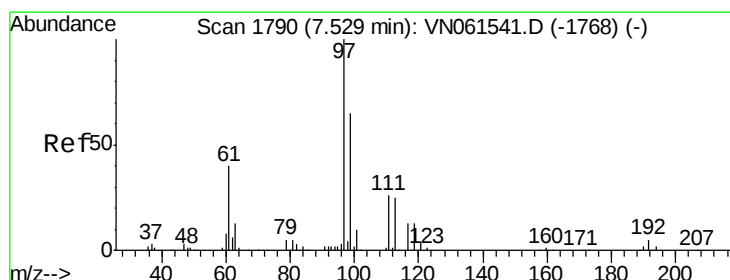
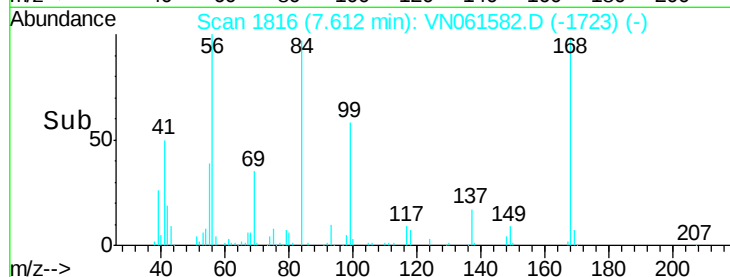
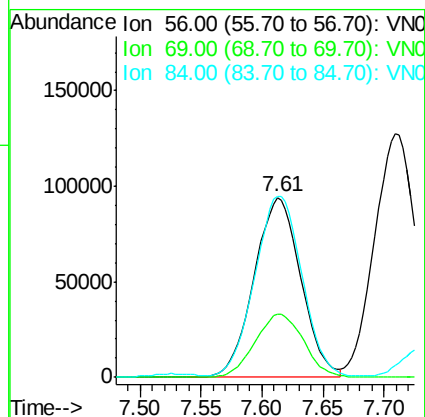
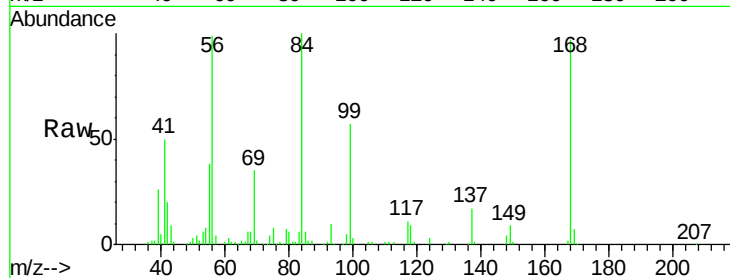
69 35.5 27.8 41.8

84 99.6 79.9 119.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.847 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

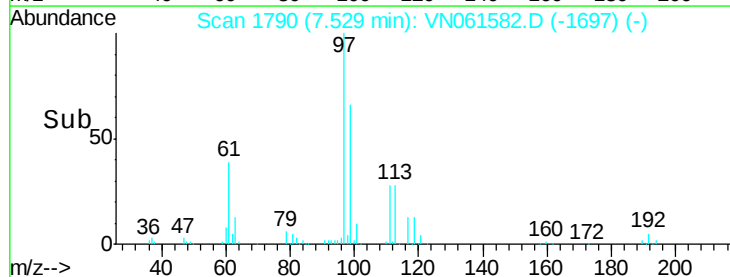
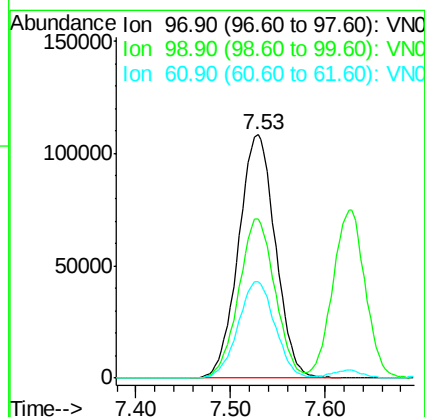
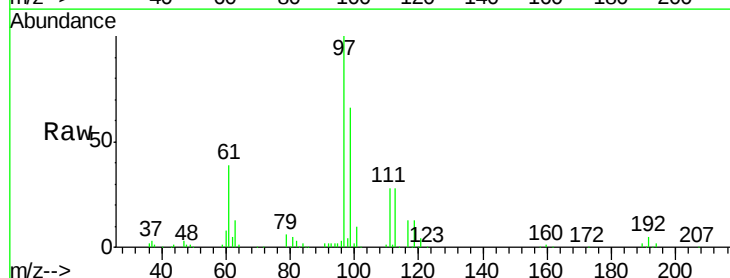
Tgt Ion: 97 Resp: 294112

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 39.6 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 53.920 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 201393

Ion Ratio Lower Upper

65 100

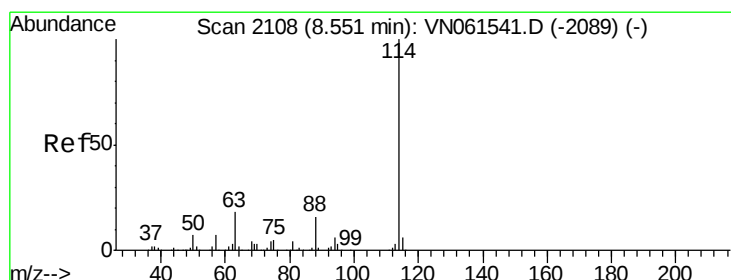
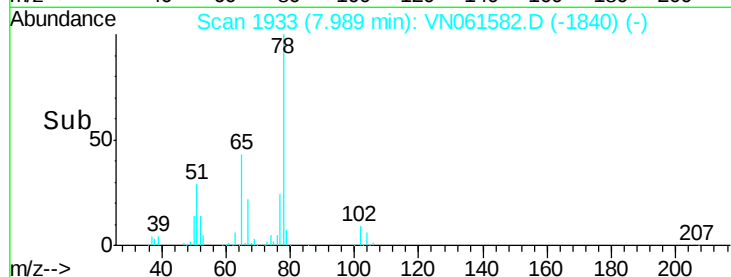
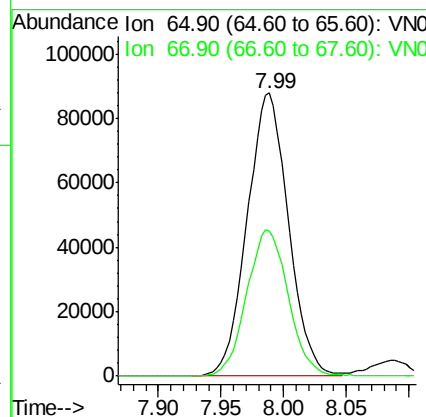
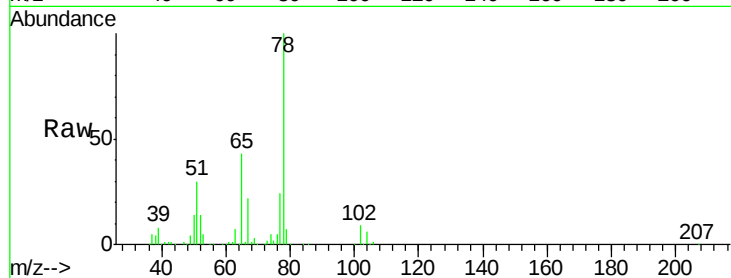
67 52.0 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

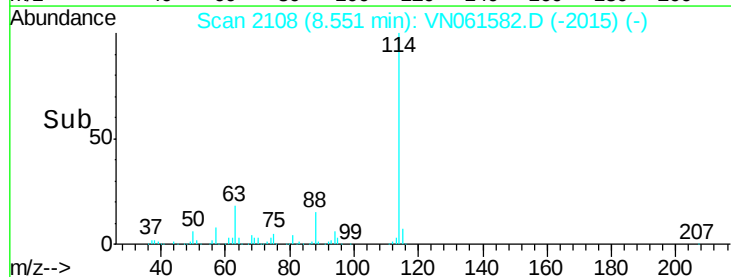
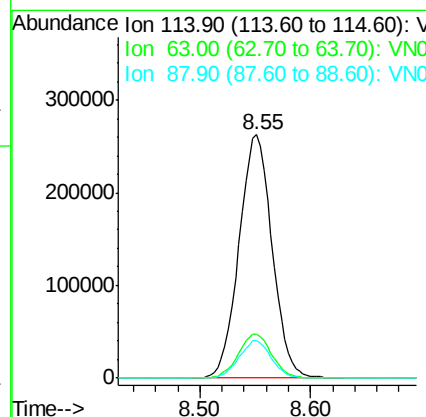
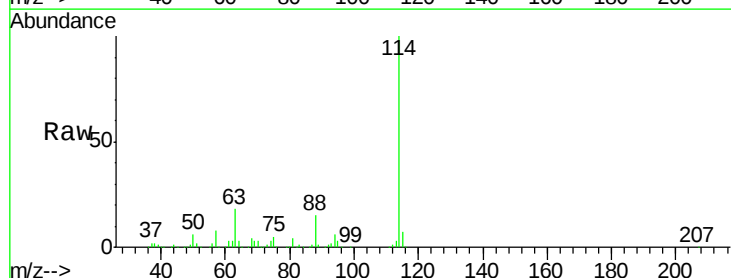
Tgt Ion: 114 Resp: 544690

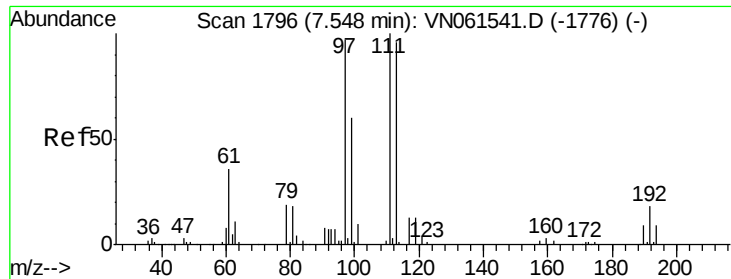
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 15.4 0.0 31.0





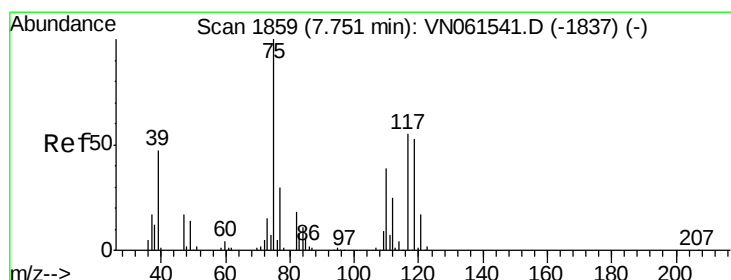
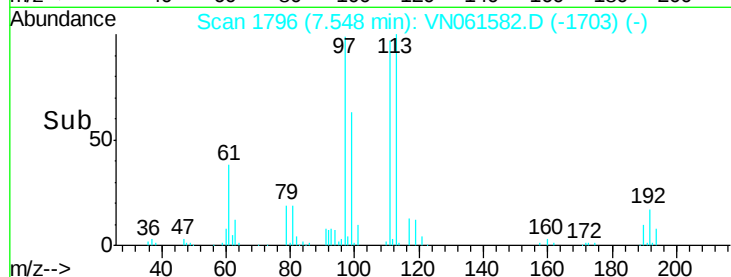
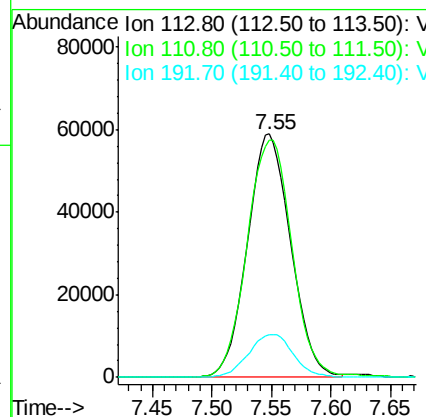
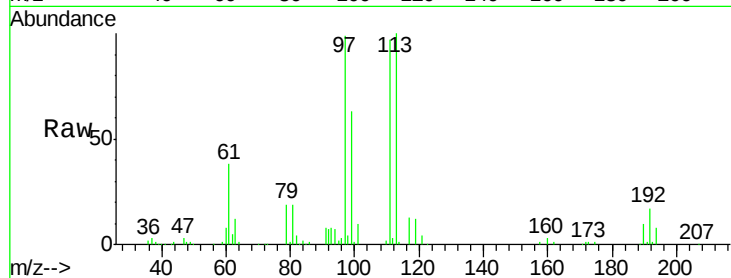
#35
Dibromofluoromethane
Concen: 53.782 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148606		
111	101.7	83.4	125.0	
192	18.3	15.4	23.2	

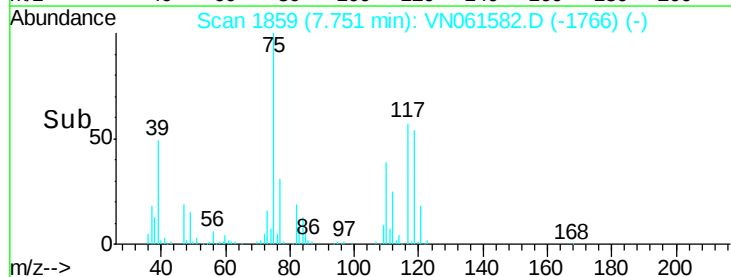
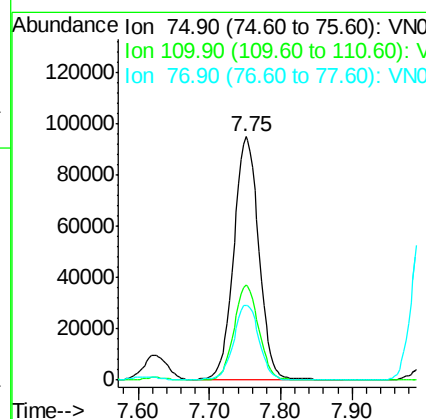
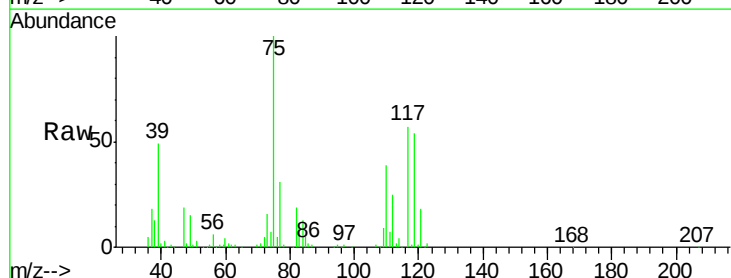
Manual Integrations
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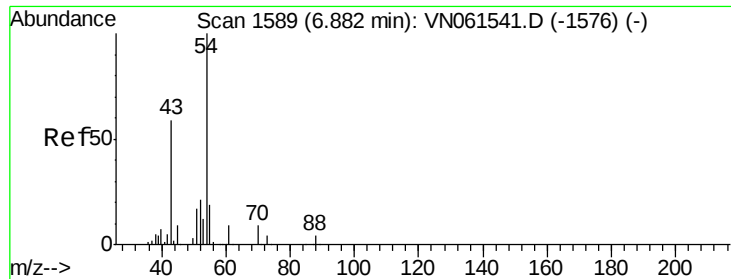
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.503 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	233876		
110	38.2	19.5	58.5	
77	31.3	24.7	37.1	





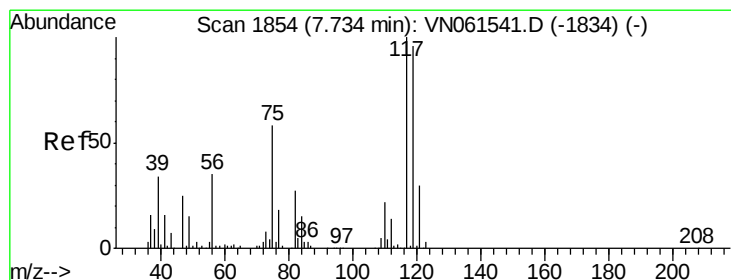
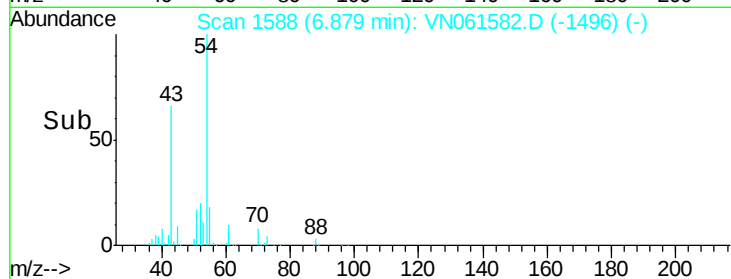
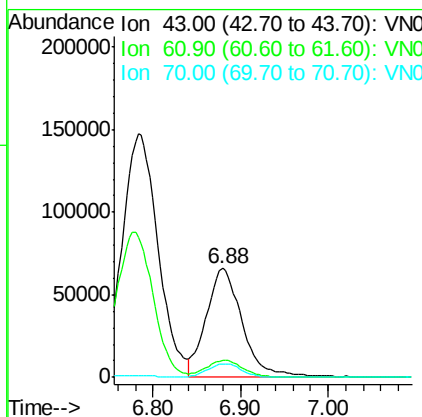
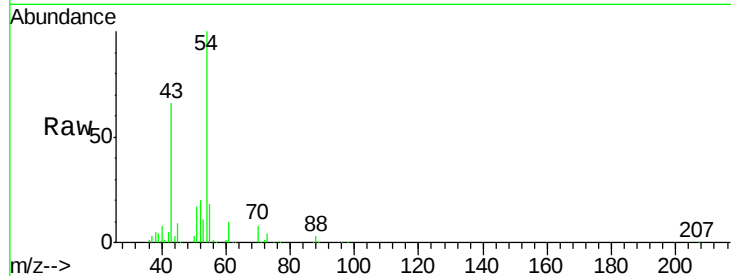
#37
Ethyl Acetate
Concen: 47.808 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	15.5	12.2	18.4	
70	11.9	9.4	14.2	

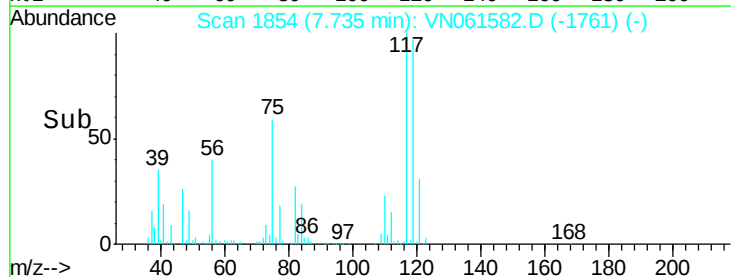
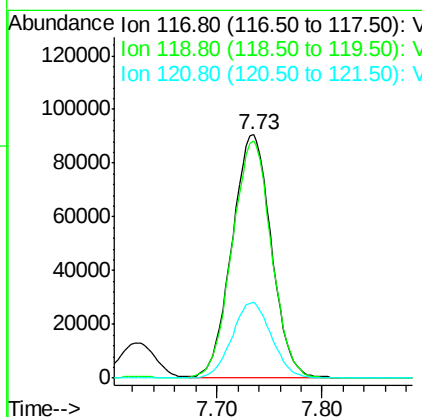
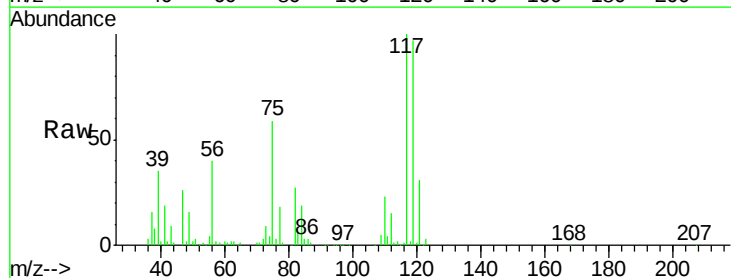
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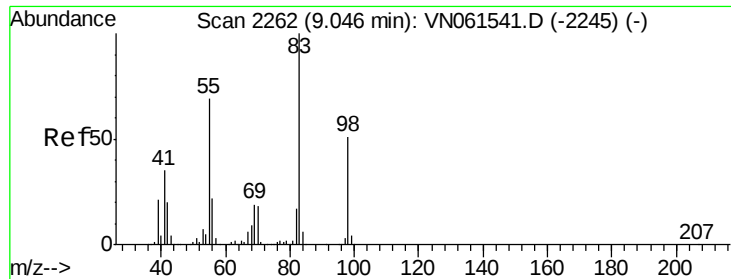
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.289 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	76.5	114.7	
121	31.2	24.1	36.1	





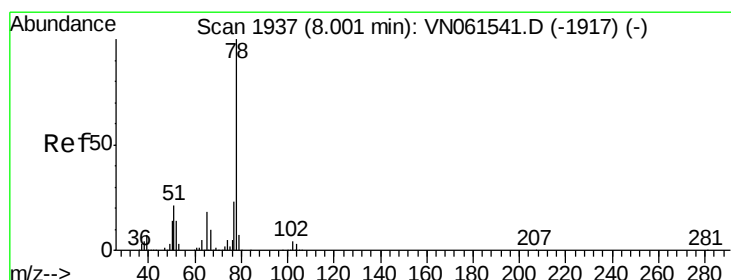
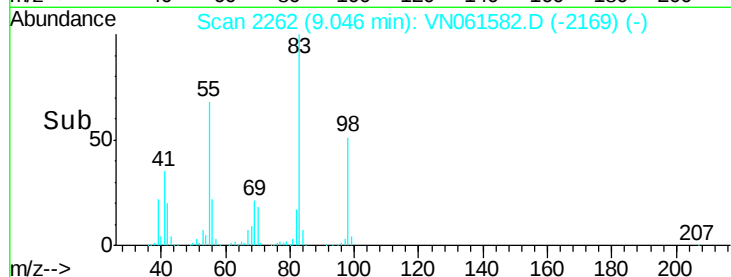
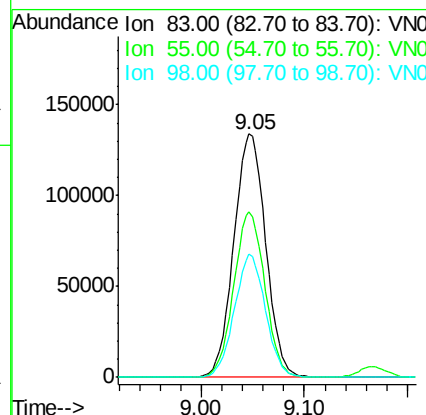
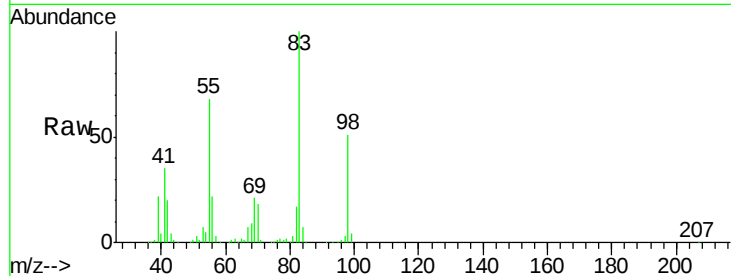
#39
Methvlcvclohexane
Concen: 48.615 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	288936		
55	67.8		54.9	82.3
98	50.5		41.0	61.4

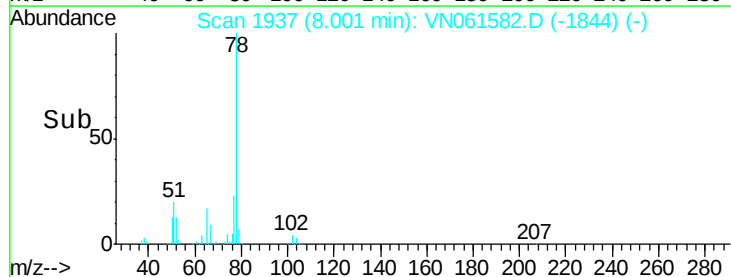
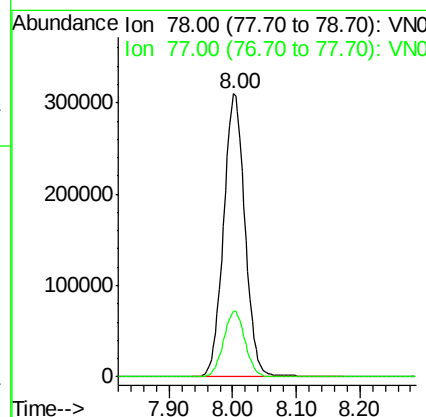
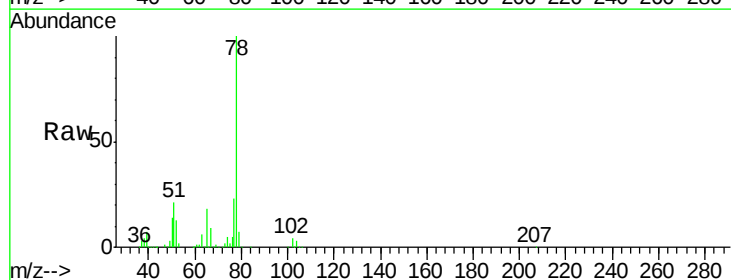
Manual Integrations
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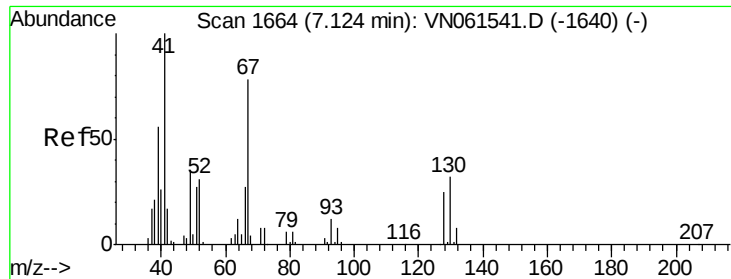
MMDadoda
6/1/2020 12:29:39 PM



#40
Benzene
Concen: 48.724 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	724911		
77	23.2		18.6	28.0





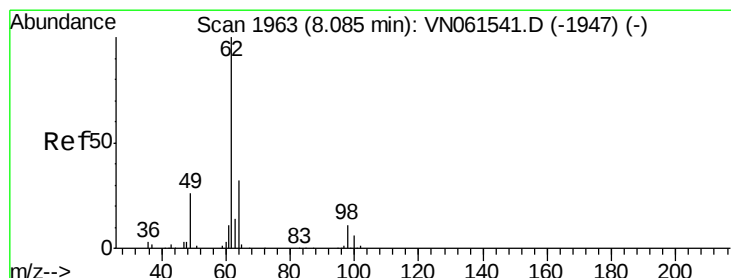
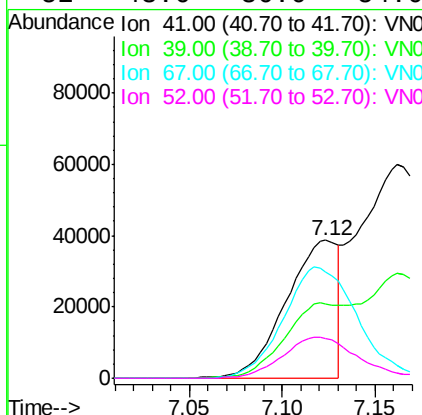
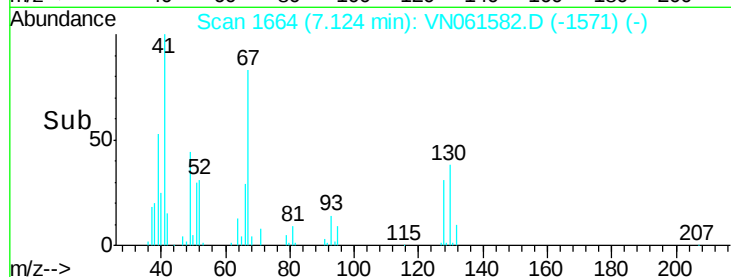
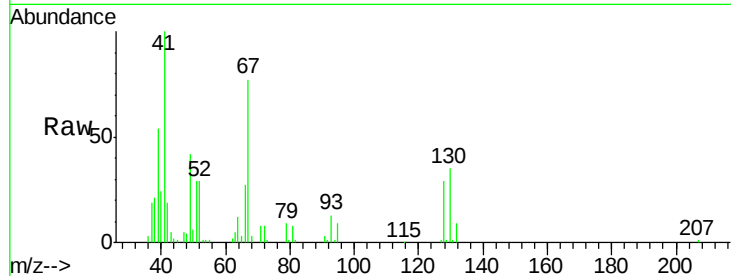
#41
Methacrylonitrile
Concen: 42.370 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.7	53.8	80.6	
67	115.4	91.1	136.7	
52	43.6	36.0	54.0	

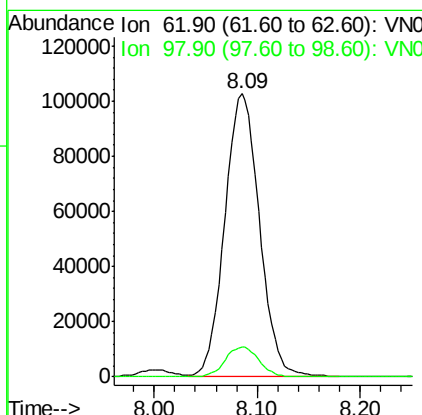
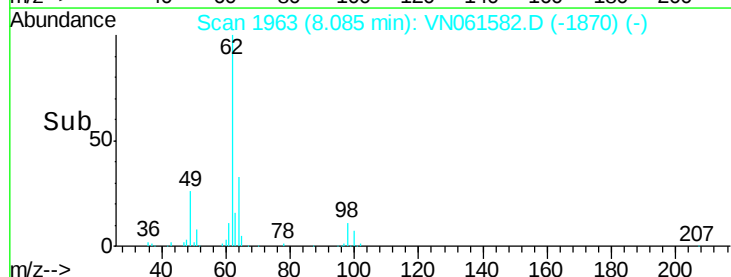
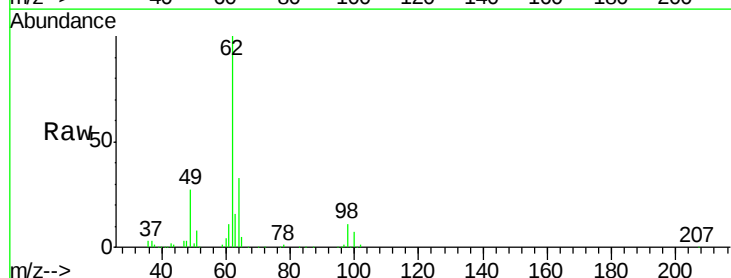
Manual Integrations
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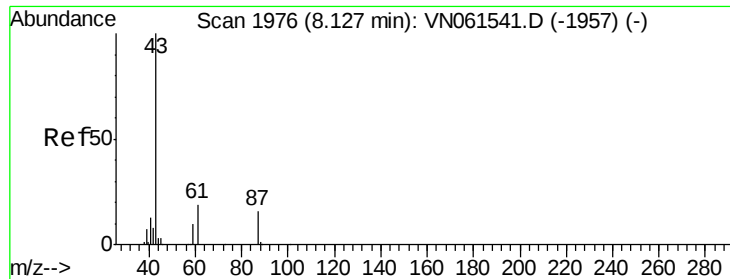
MMDadoda
6/1/2020 12:29:39 PM



#42
1,2-Dichloroethane
Concen: 48.201 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	21.4	





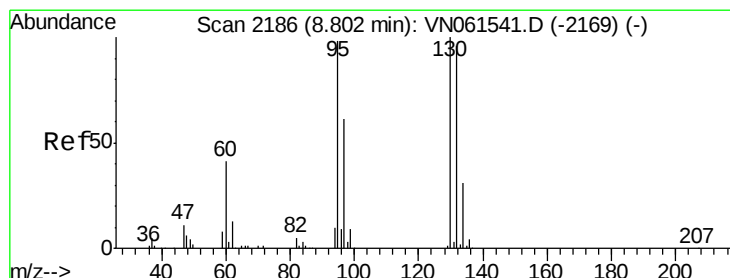
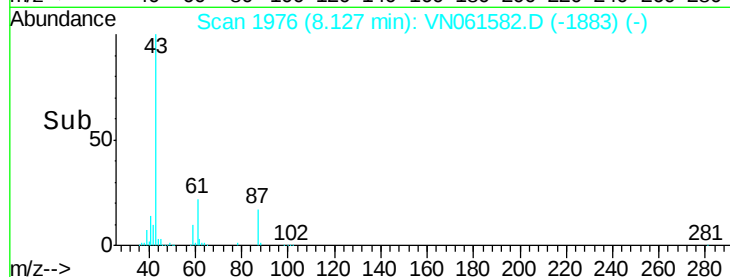
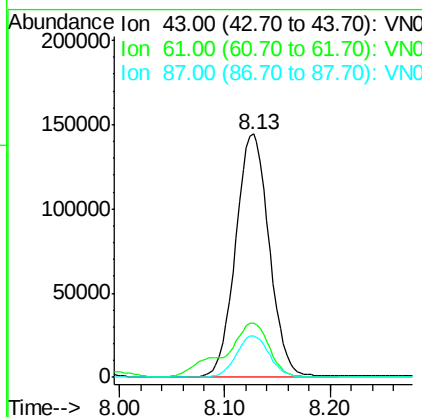
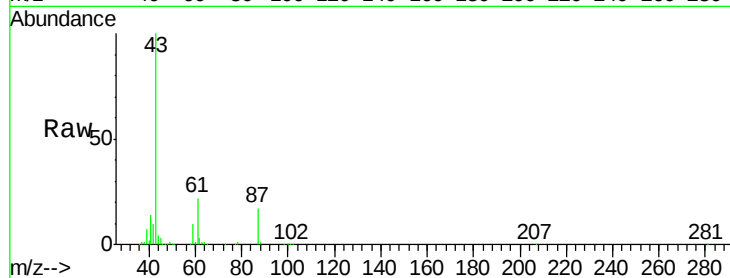
#43
Isopropyl Acetate
Concen: 45.598 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	23.6	35.4#
87	17.0	13.0	19.6

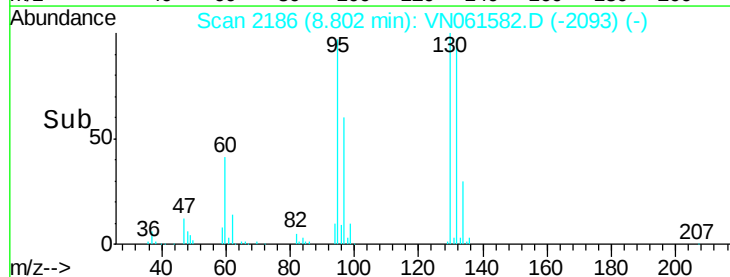
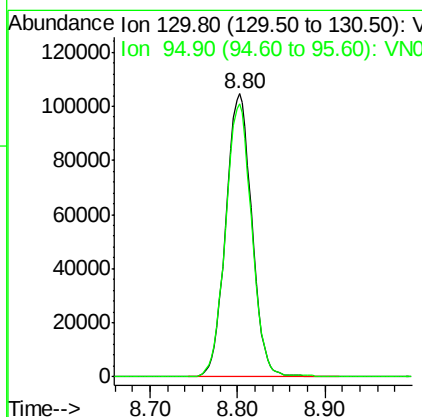
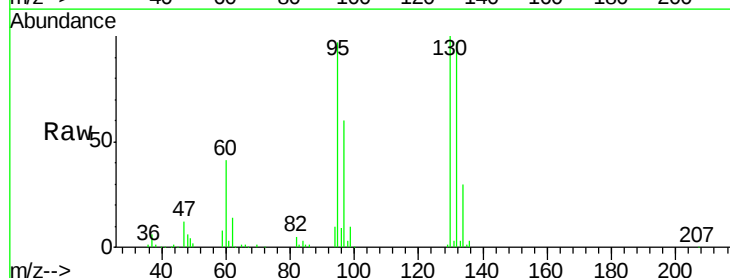
Manual Integrations
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#44
Trichloroethene
Concen: 47.357 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	196.6





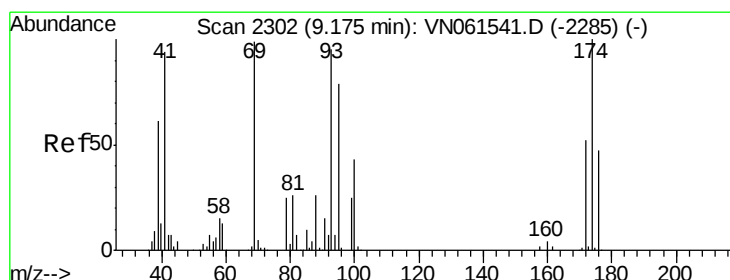
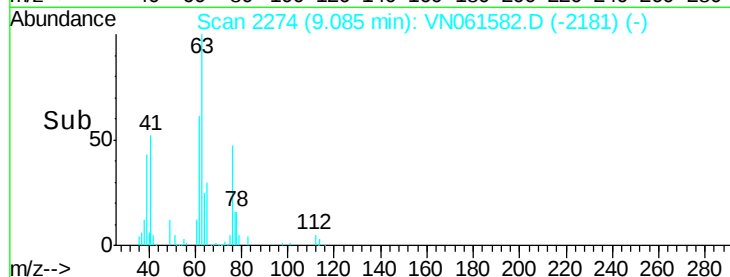
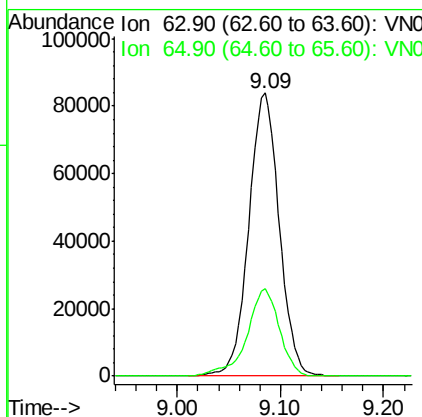
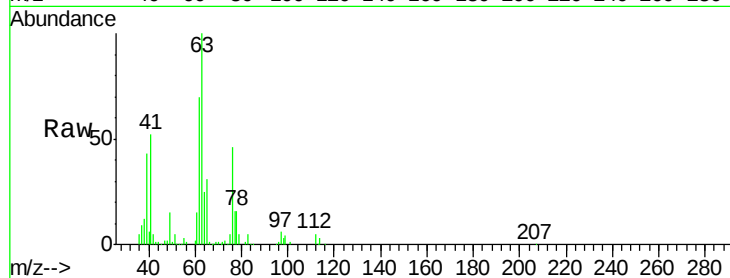
#45
 1,2-Dichloropropane
 Concen: 48.582 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.7	37.1

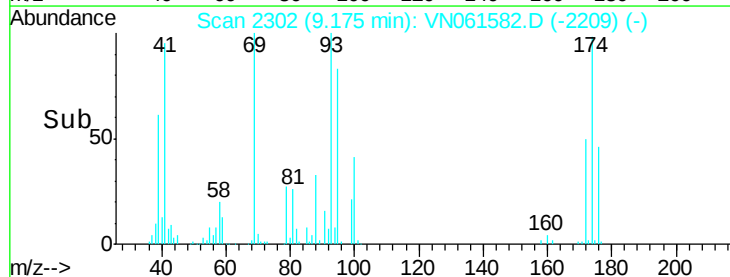
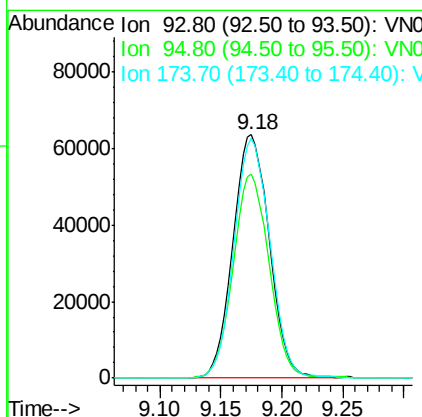
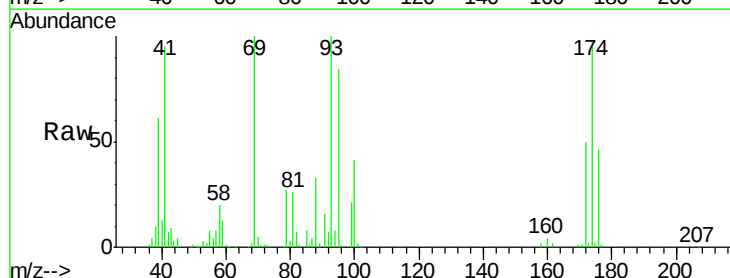
Manual Integrations
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 6/1/2020 12:29:39 PM



#46
 Dibromomethane
 Concen: 48.594 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.0	99.0
174	97.1	82.5	123.7





#47

Bromodichloromethane

Concen: 49.276 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

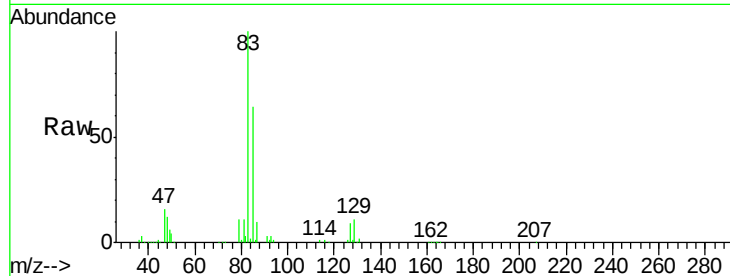
ClientSampleId :

VSTDCCC050EC

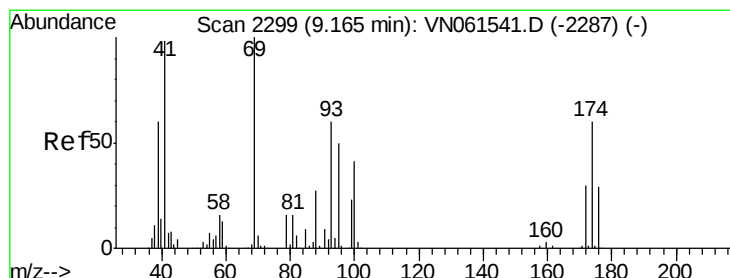
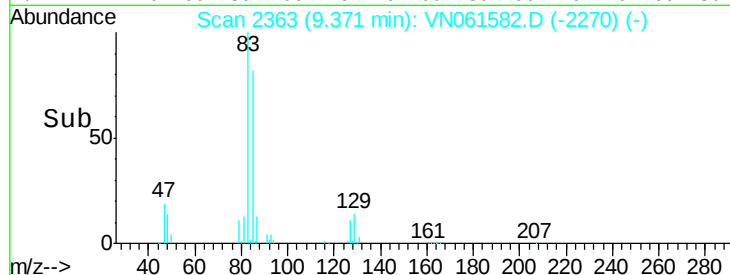
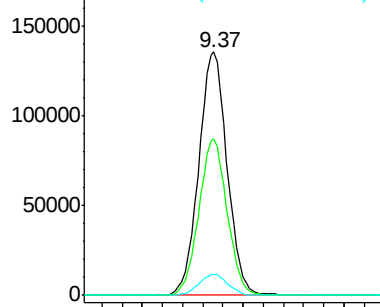
Tot Ion:	83	Resp:	264516
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.1	76.7
127	8.8	7.2	10.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN061582.D (-2270) (-)



#48

Methyl methacrylate

Concen: 44.764 ug/l

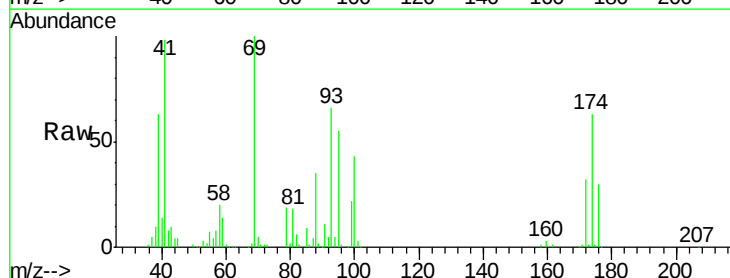
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

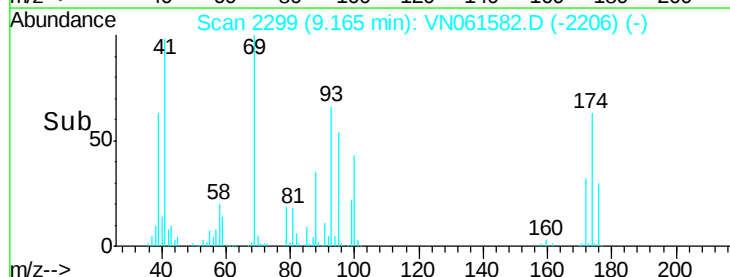
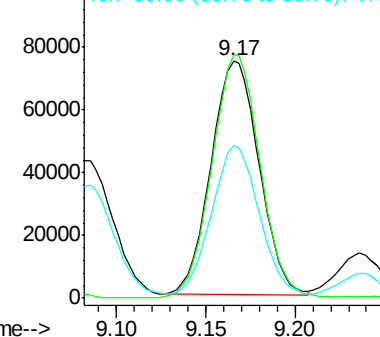
Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion:	41	Resp:	140723
Ion Ratio	Lower	Upper	
41	100		
69	104.7	83.9	125.9
39	65.9	52.1	78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061582.D (-2206) (-)





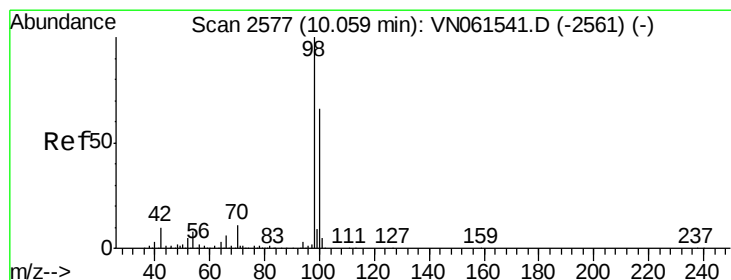
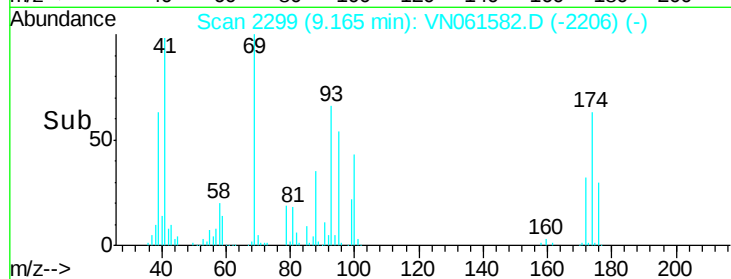
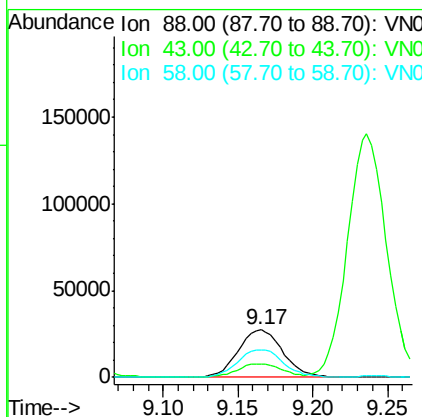
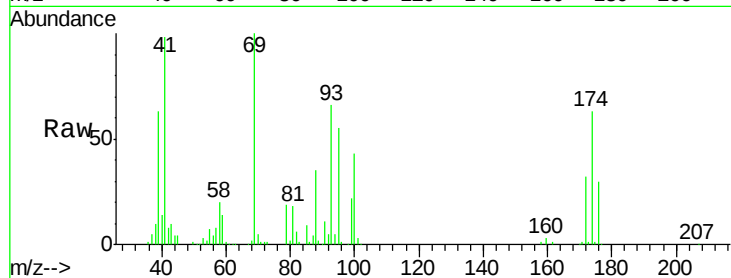
#49
1,4-Dioxane
Concen: 1163.342 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	56656
Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.1	34.7
58	60.8	48.3	72.5

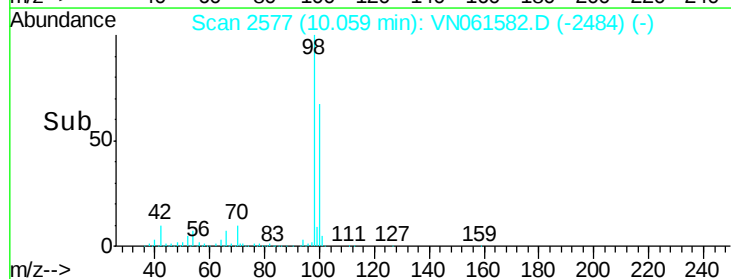
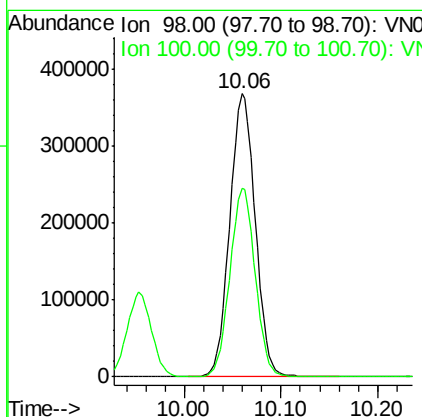
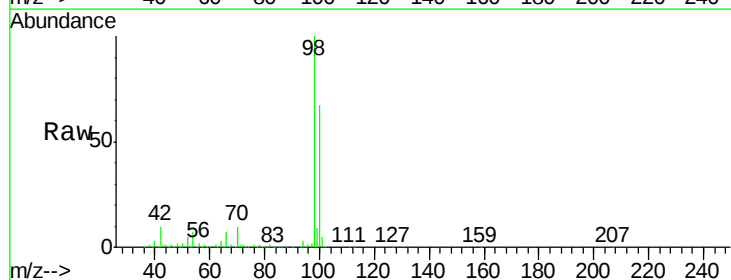
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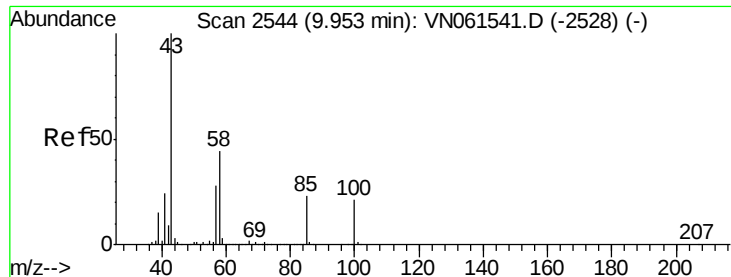
MMDadoda
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#50
Toluene-d8
Concen: 52.683 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	98	Resp	674583
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 236.093 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 929620

Ion Ratio Lower Upper

43 100

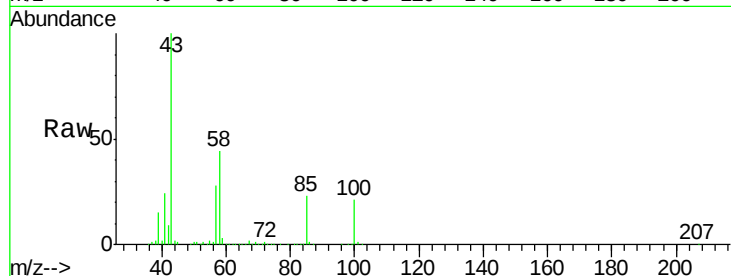
58 44.2 35.0 52.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

500000

400000

300000

200000

100000

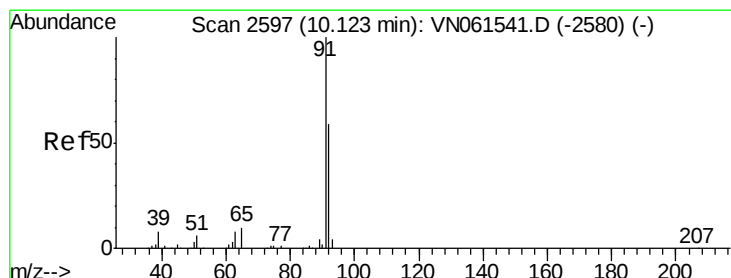
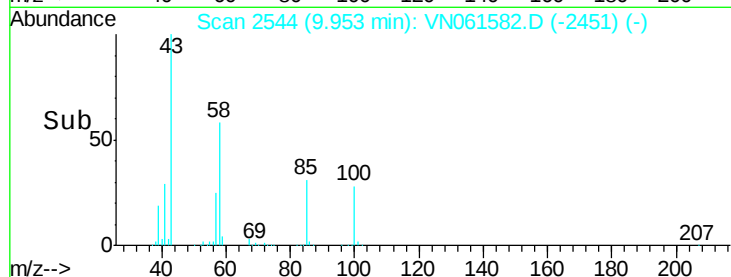
0

9.90

9.95

10.00

Time-->



#52

Toluene

Concen: 49.611 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061582.D

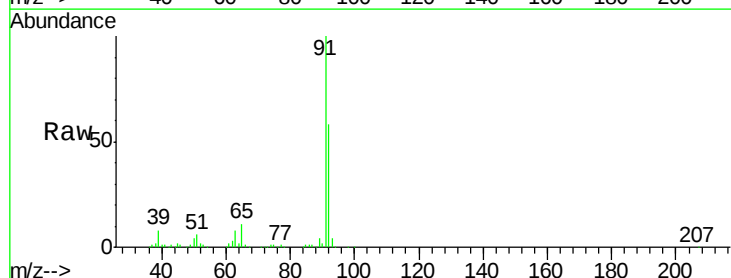
Acq: 29 May 2020 21:03

Tgt Ion: 92 Resp: 481755

Ion Ratio Lower Upper

92 100

91 171.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

200000

100000

0

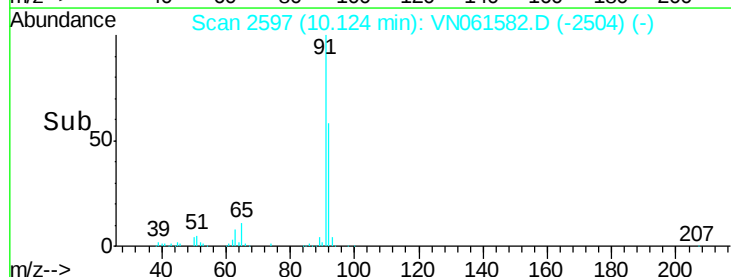
10.00

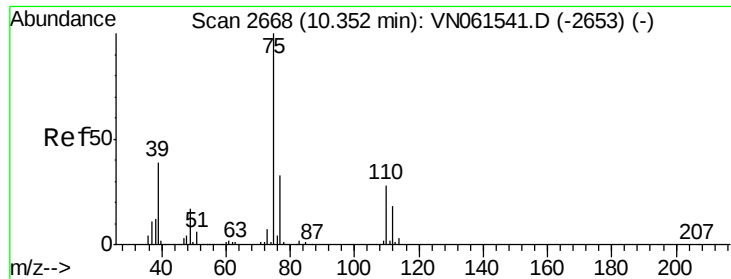
10.10

10.12

10.20

Time-->





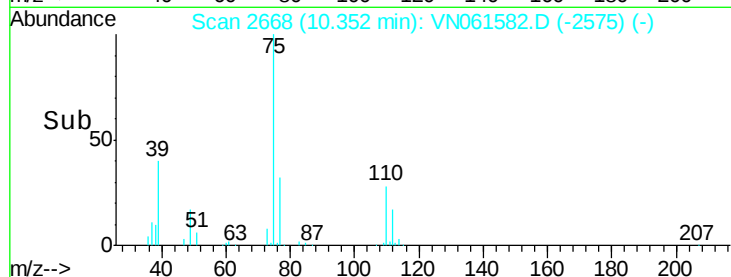
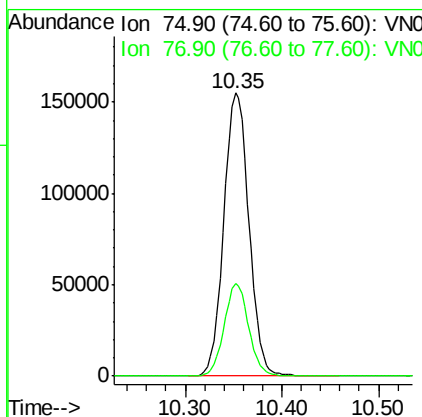
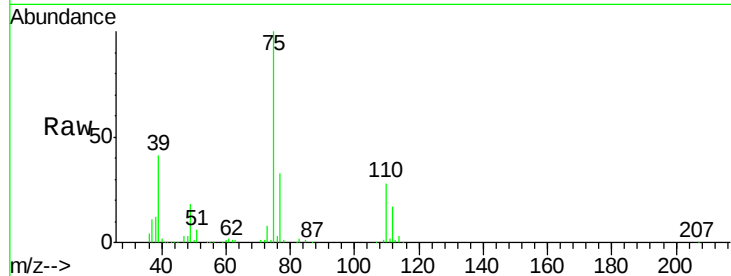
#53
t-1,3-Dichloropropene
Concen: 48.322 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 279440
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4

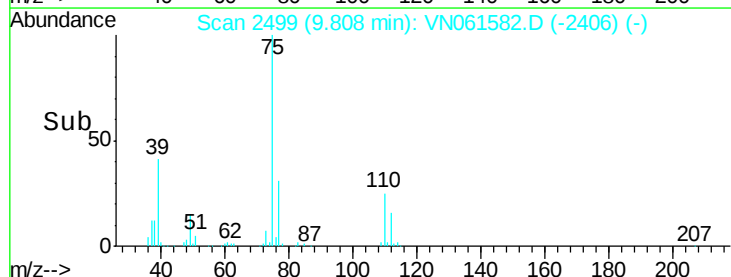
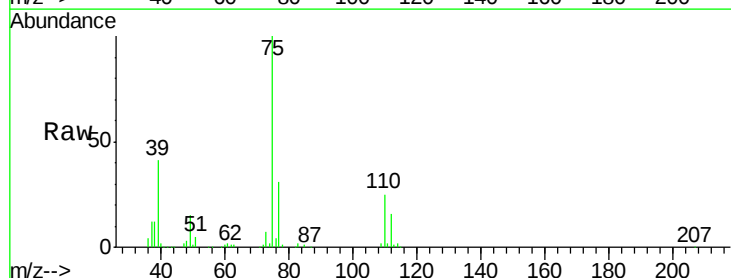
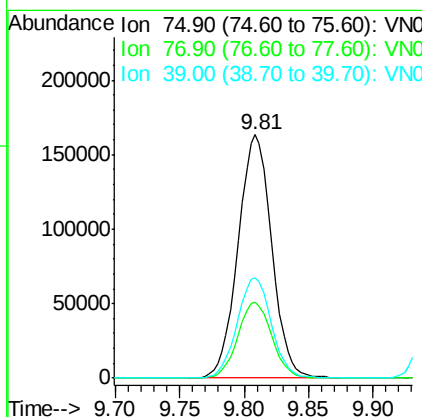
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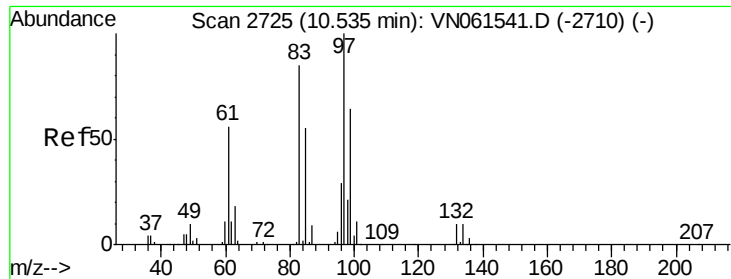
MMDadoda
6/1/2020 12:29:39 PM



#54
cis-1,3-Dichloropropene
Concen: 47.812 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion: 75 Resp: 297287
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 41.4 33.8 50.6





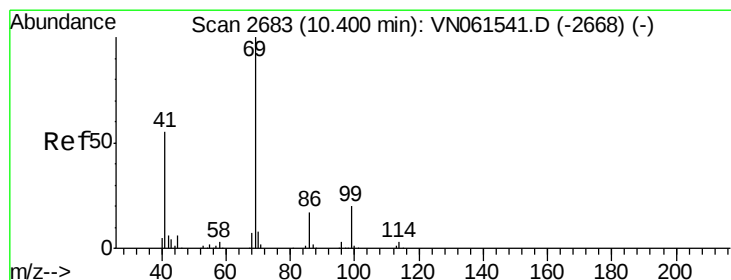
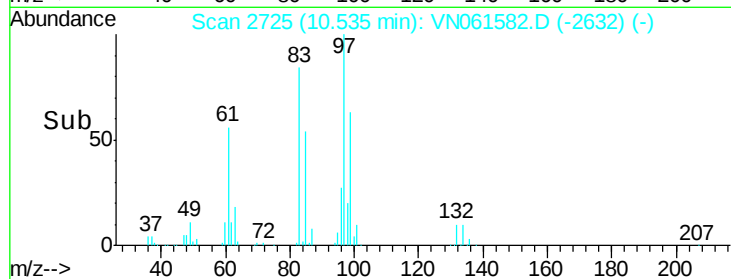
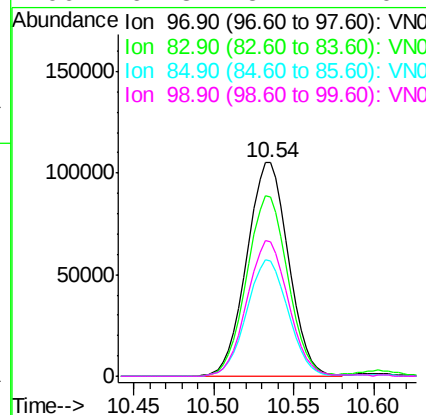
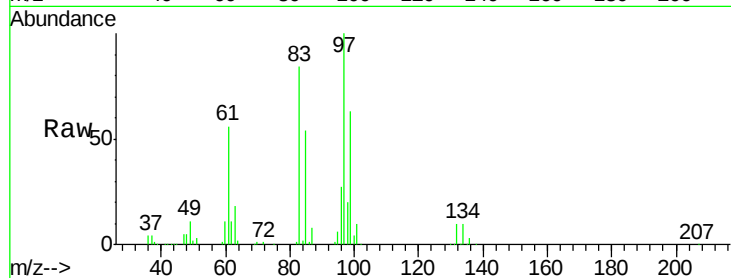
#55
 1,1,2-Trichloroethane
 Concen: 48.440 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		187401		
83	84.0	68.1	102.1		
85	54.2	44.1	66.1		
99	62.8	51.1	76.7		

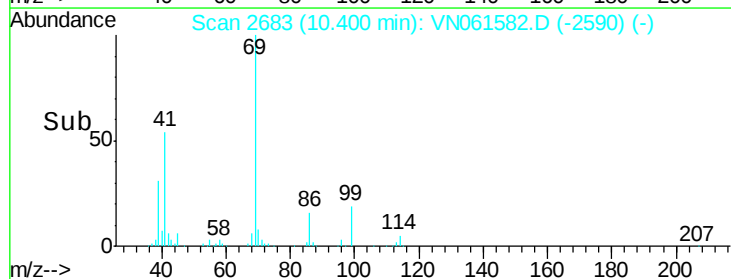
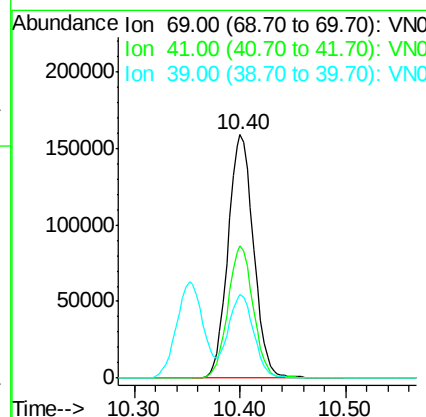
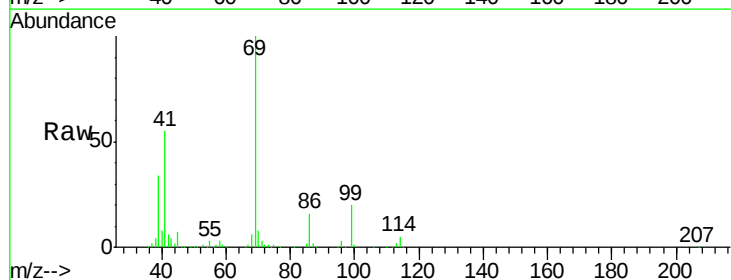
Manual Integrations
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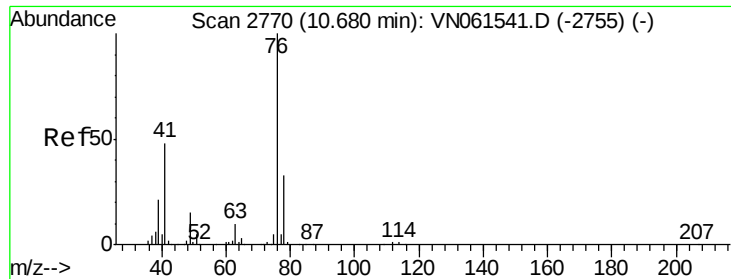
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#56
 Ethyl methacrylate
 Concen: 49.319 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		266534		
41	53.1	43.5	65.3		
39	34.6	27.0	40.6		





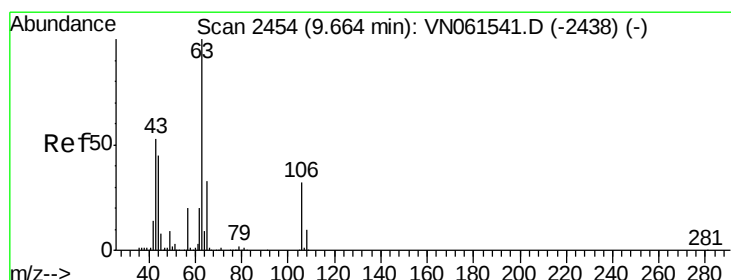
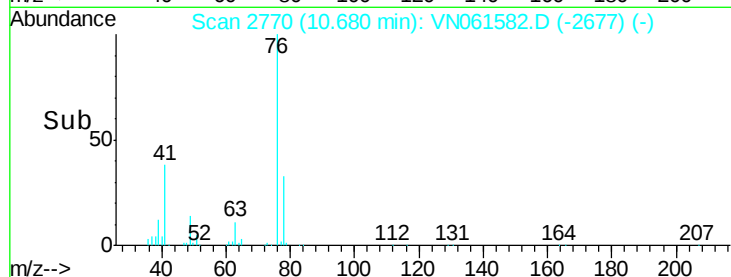
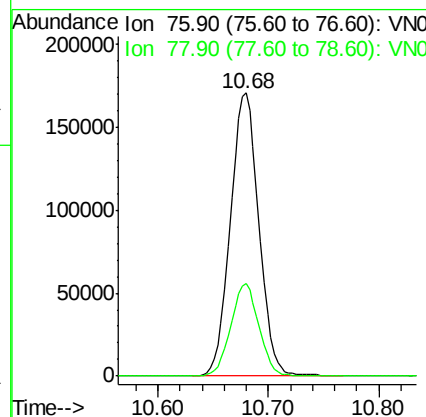
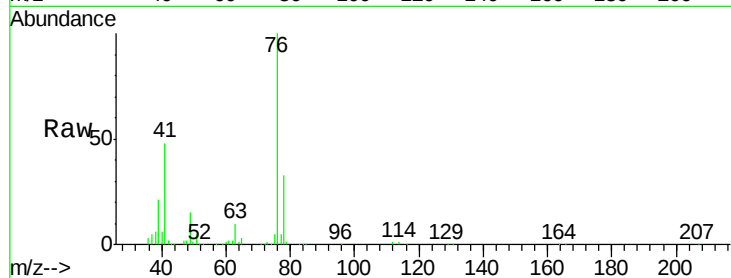
#57
 1,3-Dichloropropane
 Concen: 49.425 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

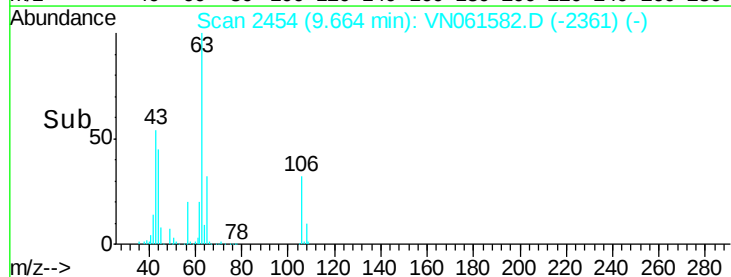
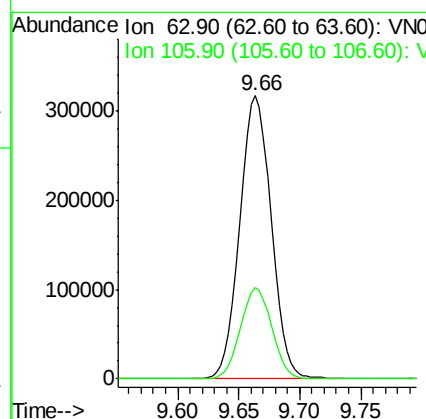
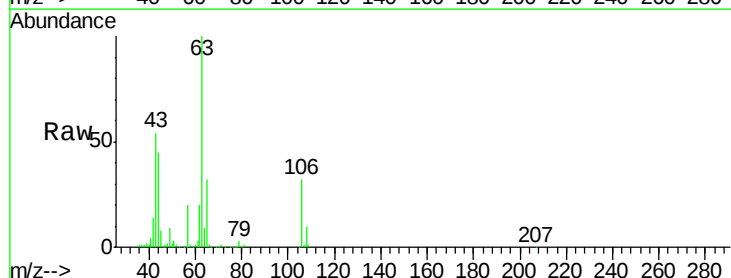
Manual Integrations
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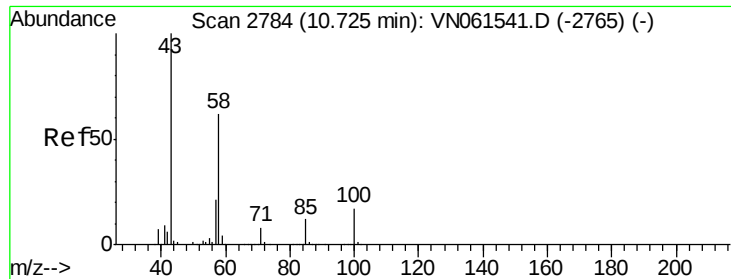
MMDadoda
 6/1/2020 12:29:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.130 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.2	25.9	38.9





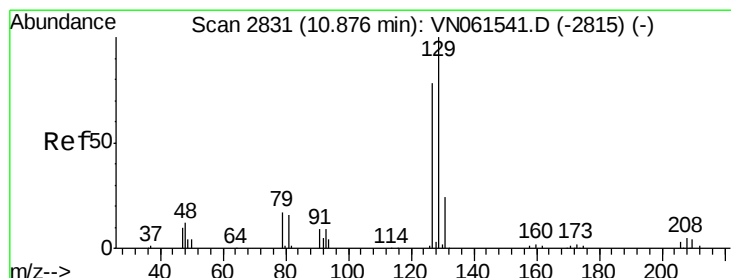
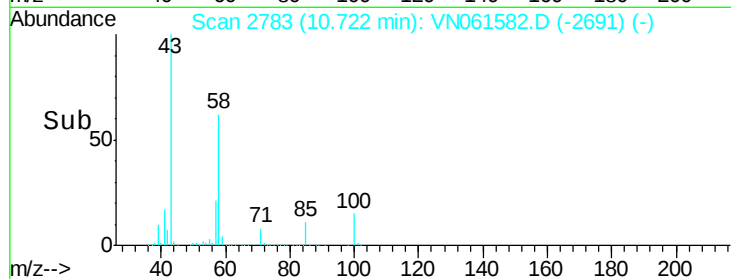
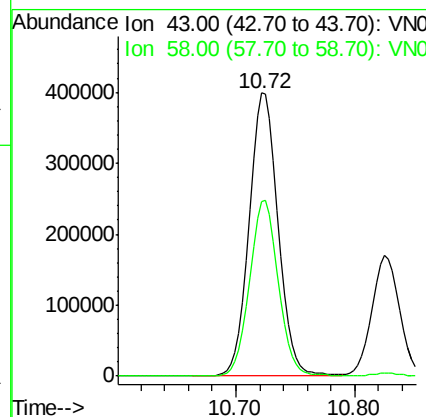
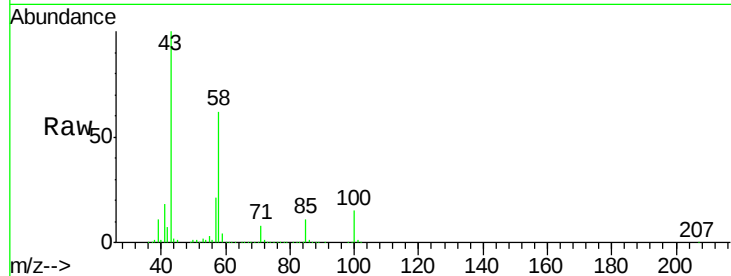
#59
2-Hexanone
Concen: 237.212 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 670792
Ion Ratio Lower Upper
43 100
58 61.7 30.7 92.1

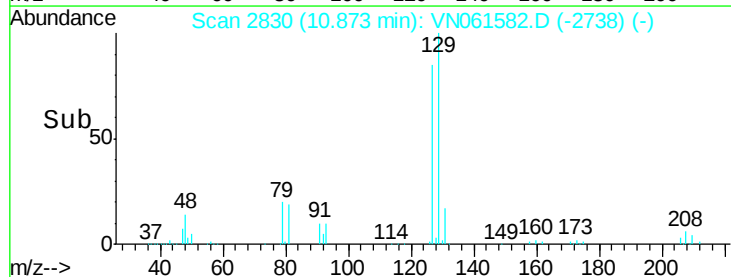
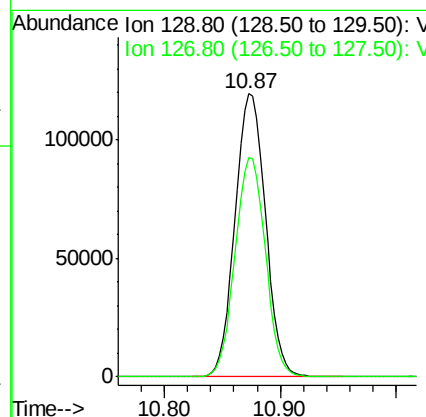
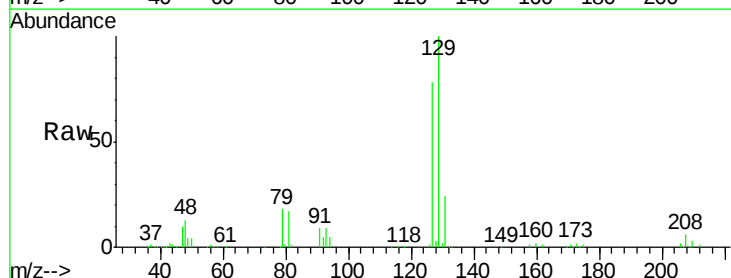
Manual Integrations
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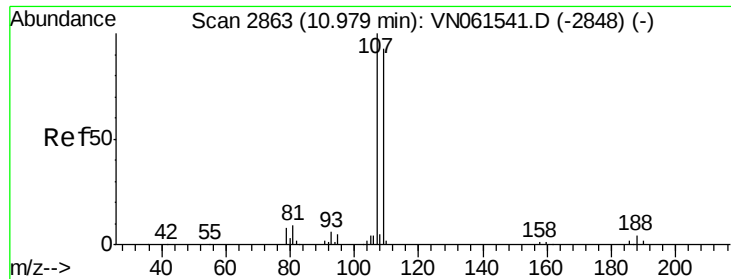
MMDadoda
6/1/2020 12:29:39 PM



#60
Dibromochloromethane
Concen: 49.747 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion: 129 Resp: 218800
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





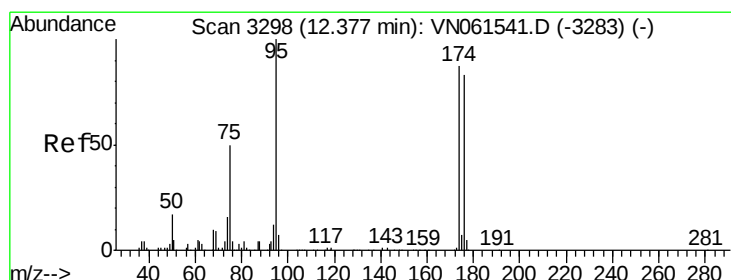
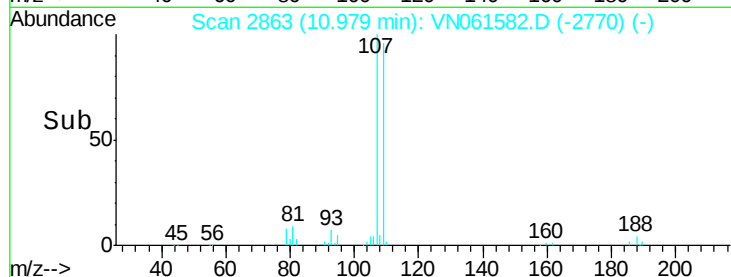
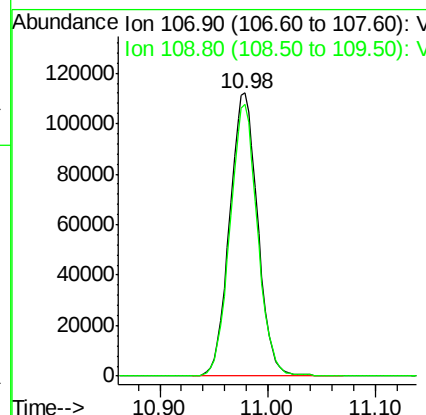
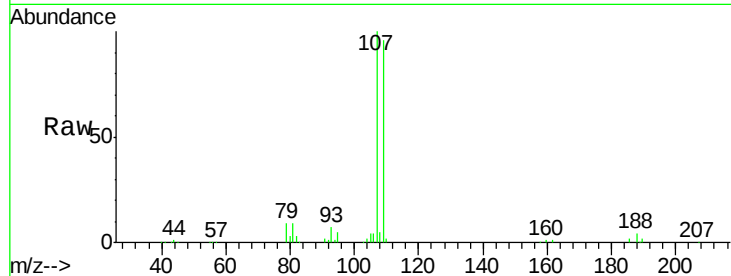
#61
 1,2-Dibromoethane
 Concen: 50.210 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	202591		
109	94.5	76.1	114.1	

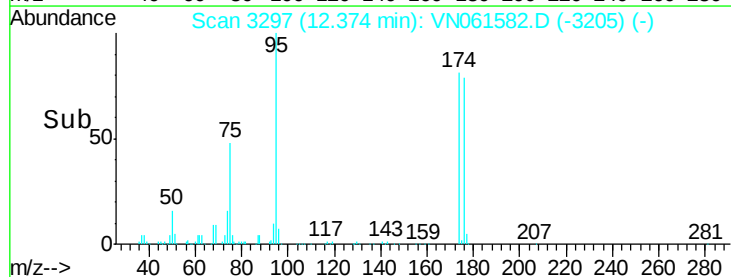
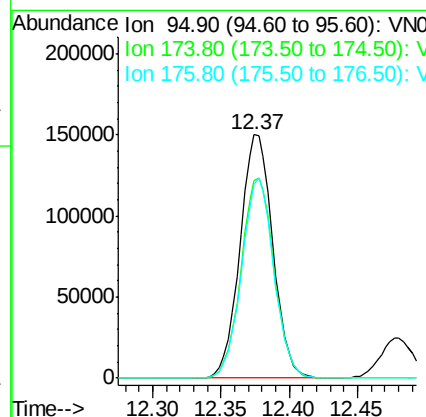
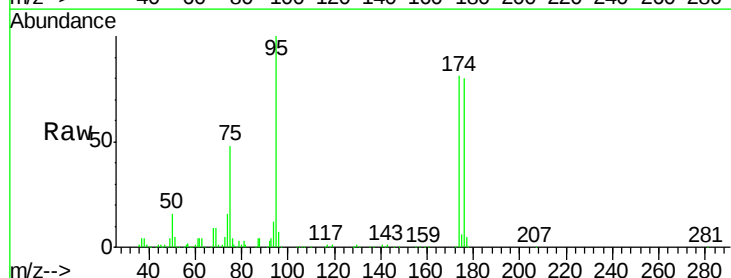
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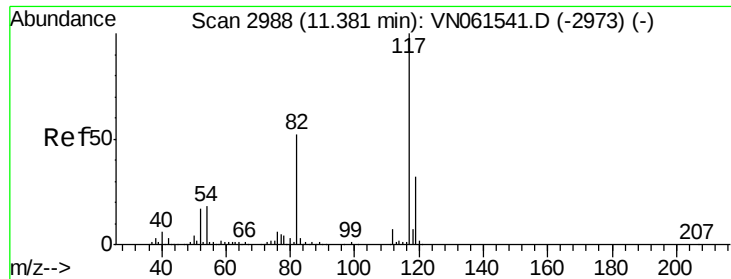
MMDadoda
 6/1/2020 12:29:39 PM



#62
 4-Bromofluorobenzene
 Concen: 53.545 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	250138		
174	82.7	0.0	172.8	
176	80.8	0.0	164.8	





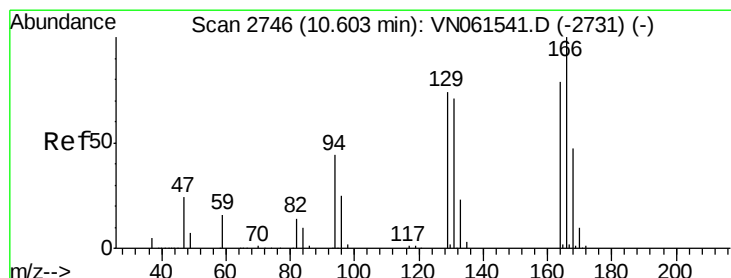
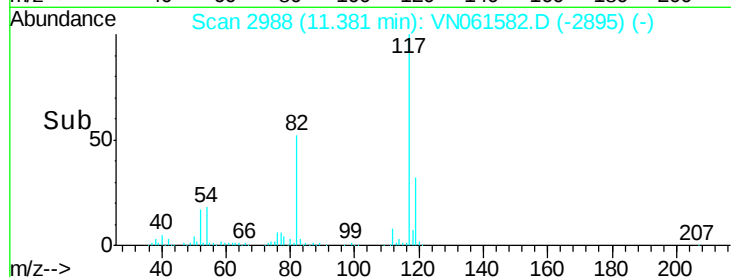
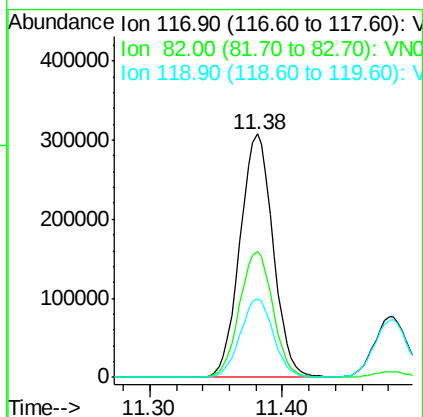
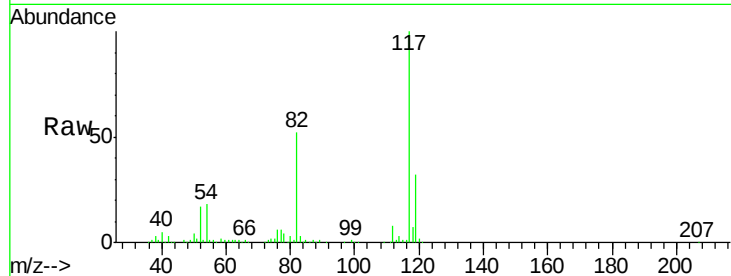
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.5	62.3
119	32.2	25.6	38.4

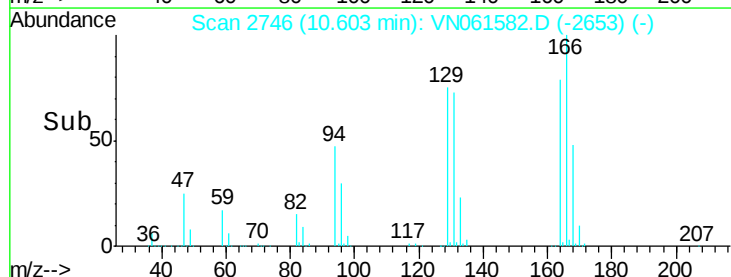
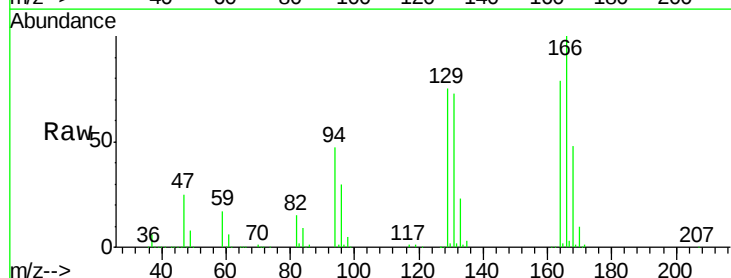
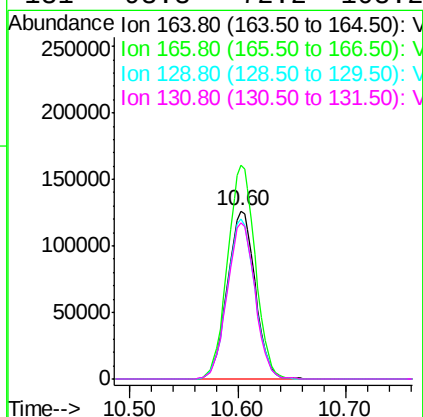
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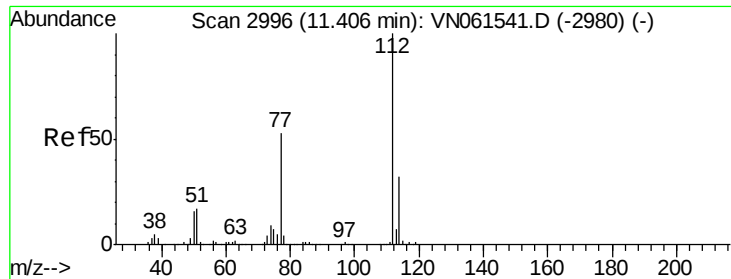
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#64
Tetrachloroethene
Concen: 45.100 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.5	152.3
129	95.4	74.9	112.3
131	93.3	72.2	108.2





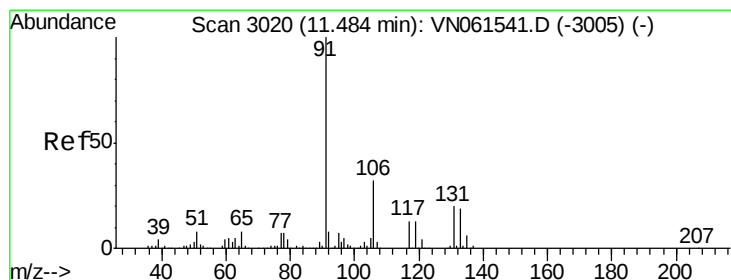
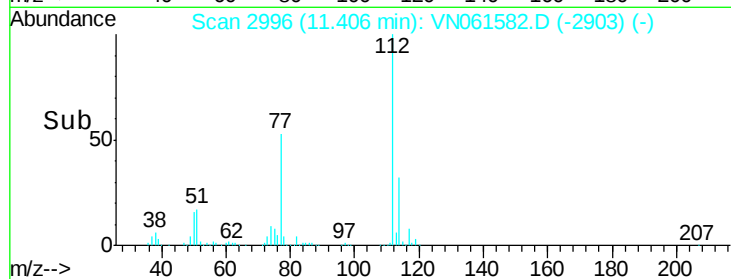
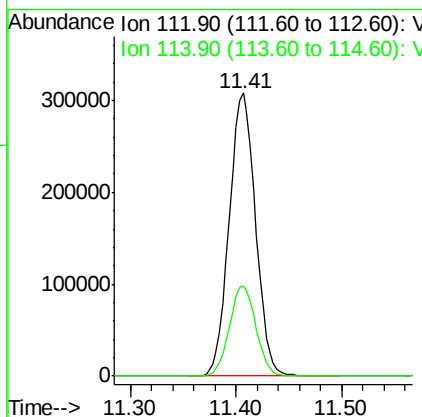
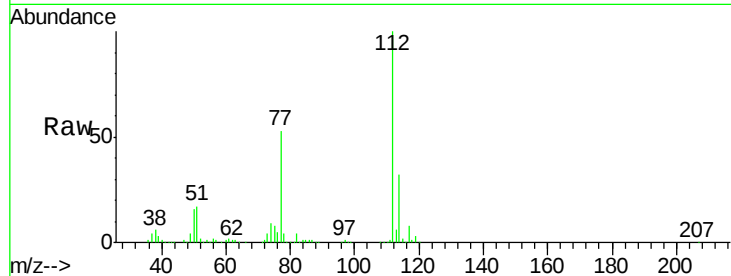
#65
Chlorobenzene
Concen: 47.988 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5

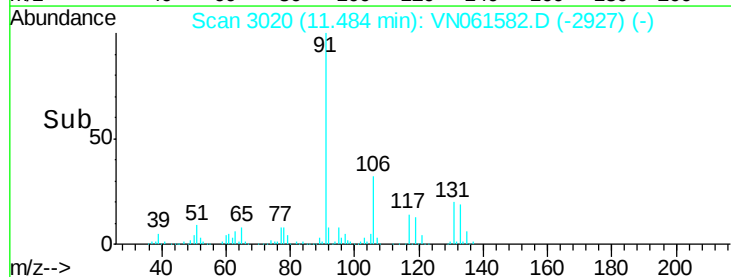
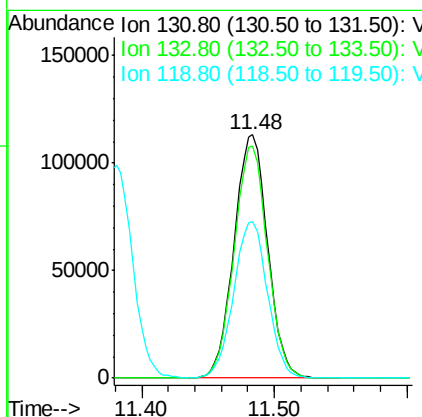
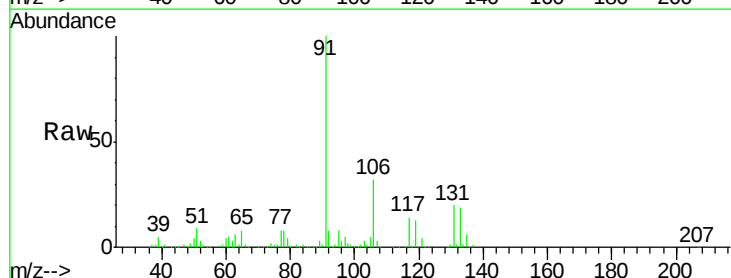
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.215 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.4	142.2
119	64.8	32.6	97.8





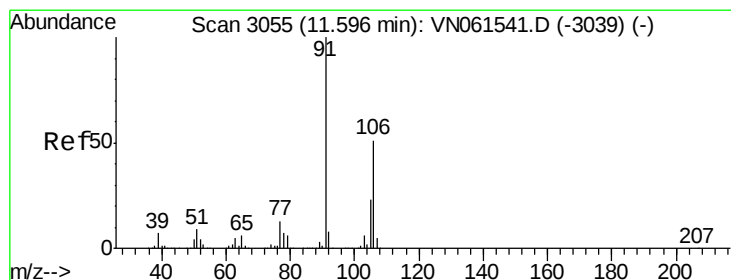
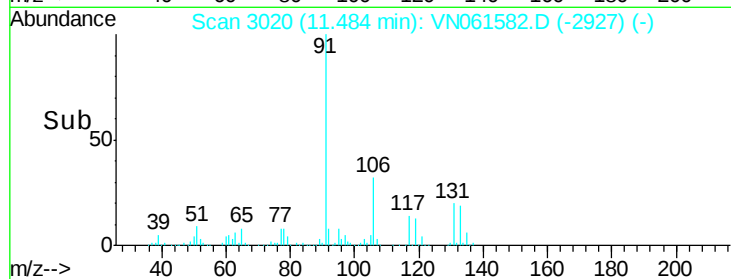
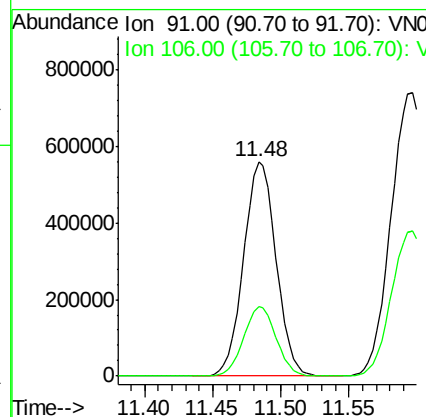
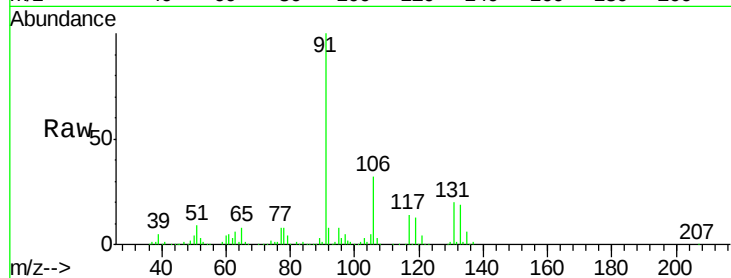
#67
Ethyl Benzene
Concen: 48.310 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 926488
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

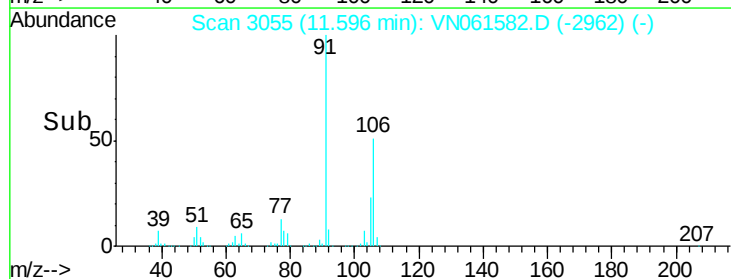
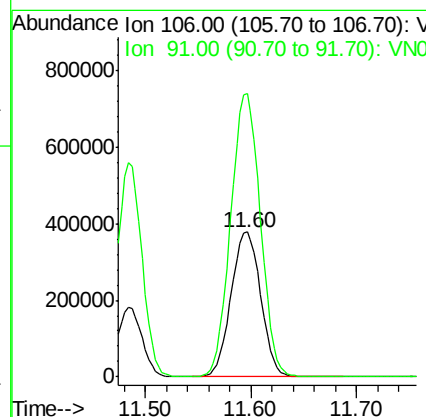
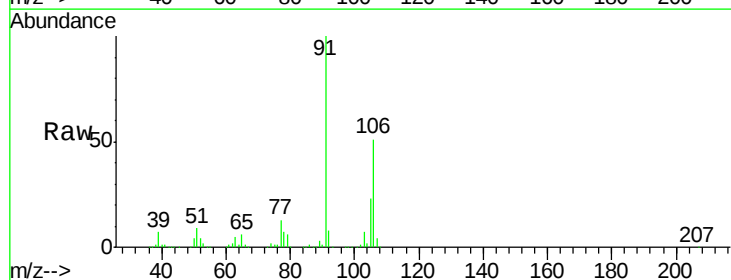
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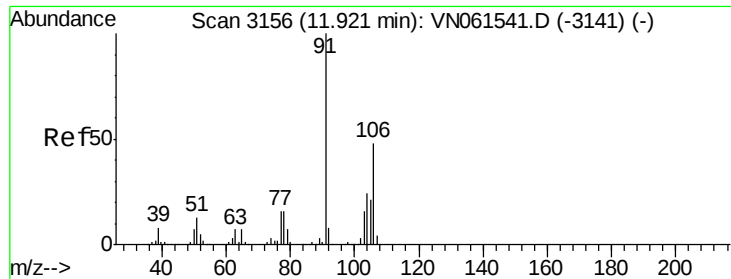
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#68
m/p-Xylenes
Concen: 96.738 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion: 106 Resp: 735608
Ion Ratio Lower Upper
106 100
91 195.5 156.2 234.4





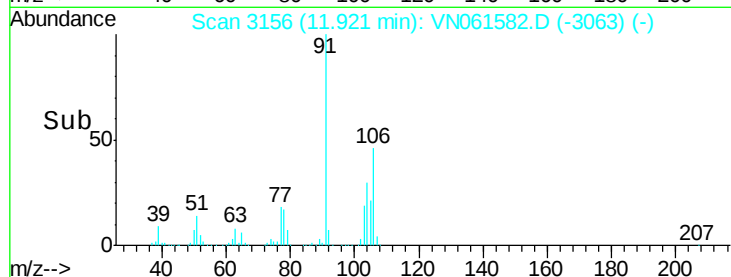
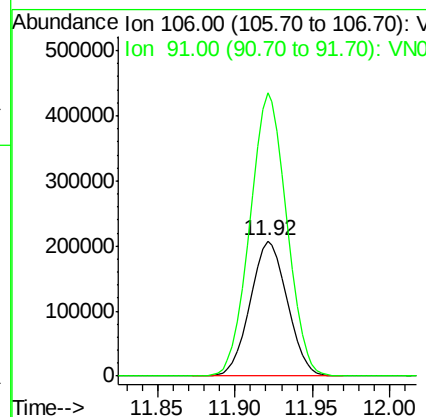
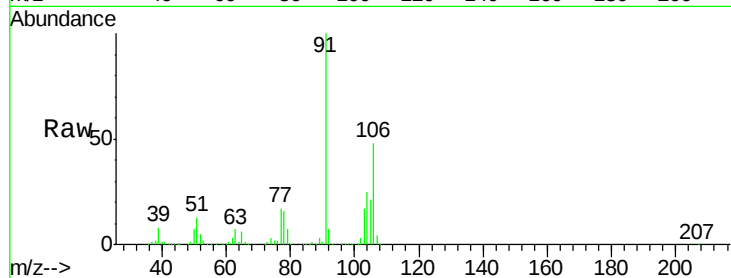
#69
o-Xylene
Concen: 48.138 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.6	103.3	309.8	

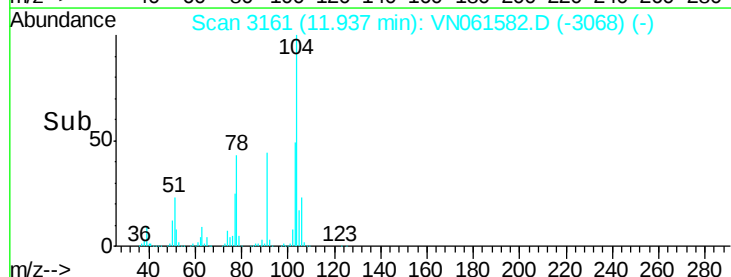
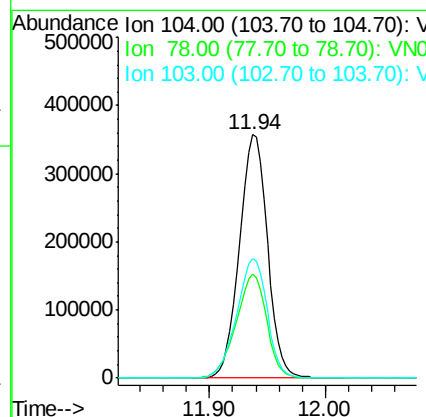
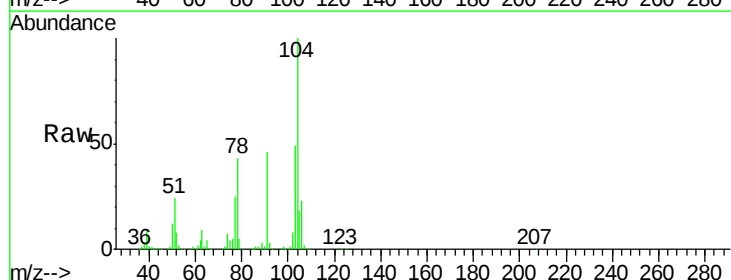
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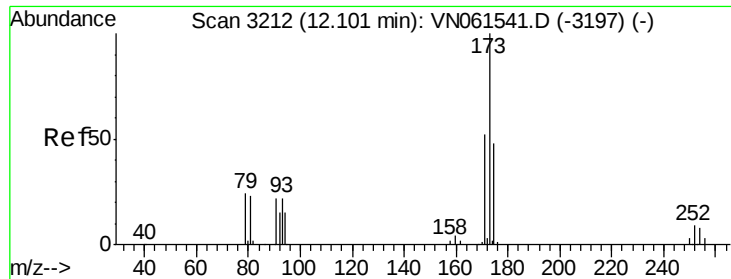
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#70
Styrene
Concen: 50.039 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.3	37.4	56.0	
103	53.5	42.3	63.5	





#71

Bromoform

Concen: 47.804 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

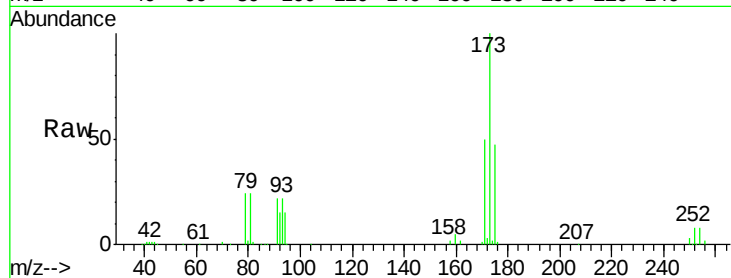
ClientSampleId :

VSTDCCC050EC

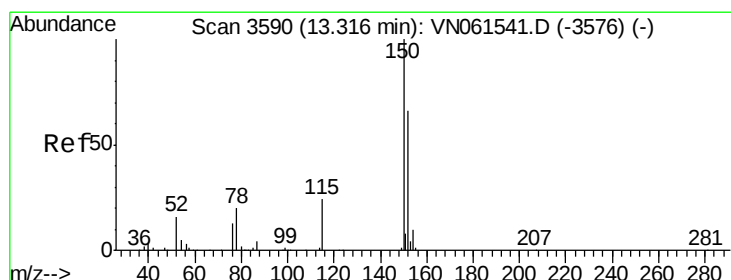
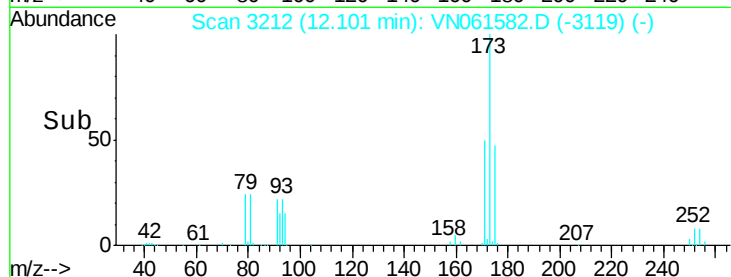
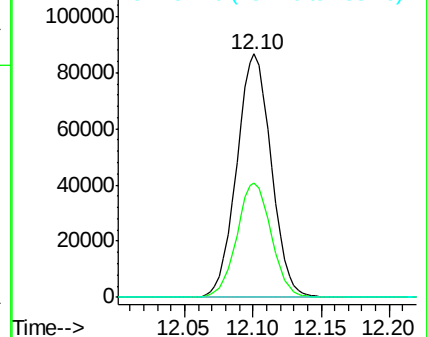
Tot Ion:	173	Resp:	152190
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.4	73.2
254	0.0	0.0	0.0

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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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

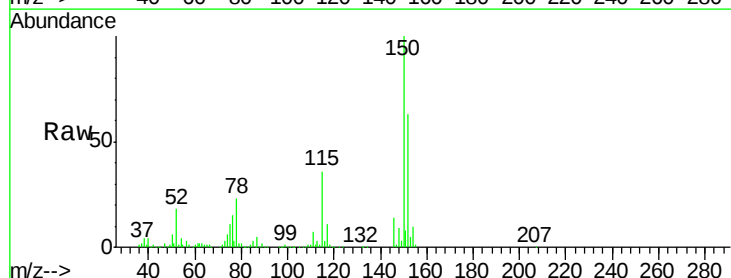
RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

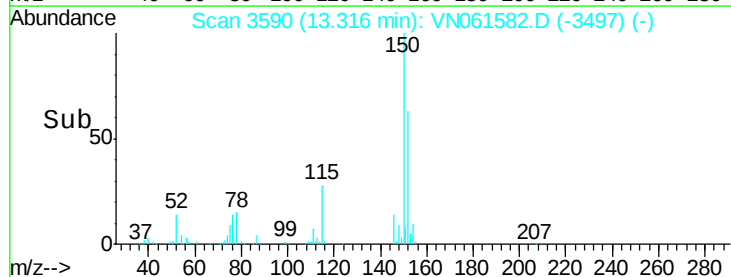
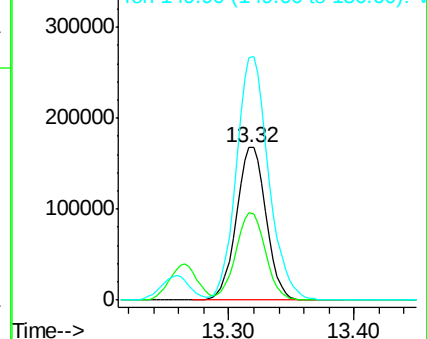
Lab File: VN061582.D

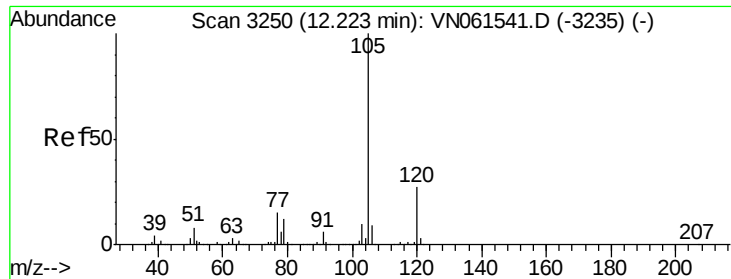
Acq: 29 May 2020 21:03

Tgt Ion:	152	Resp:	275589
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.0	84.0
150	173.3	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





#73

Isopropylbenzene

Concen: 46.173 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 928743

Ion Ratio Lower Upper

105 100

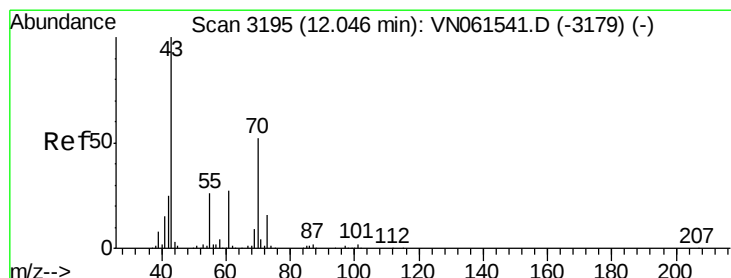
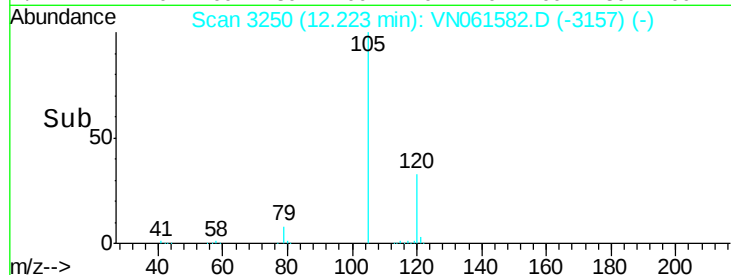
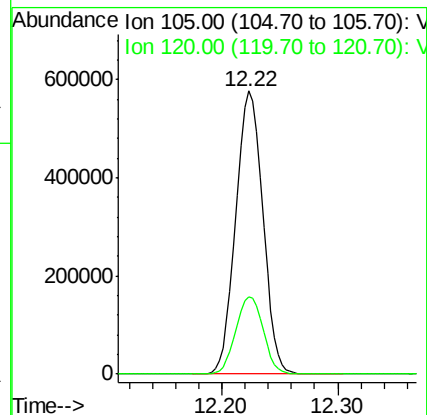
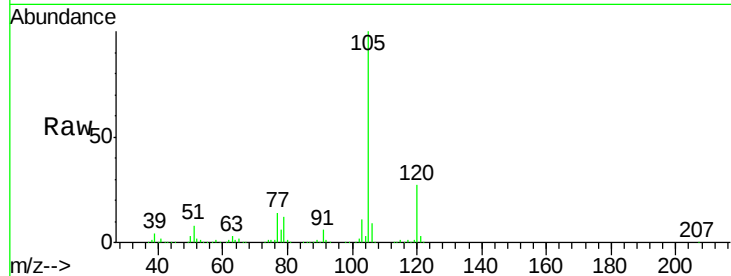
120 27.8 13.8 41.3

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#74

N-ethyl acetate

Concen: 44.033 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion: 43 Resp: 278925

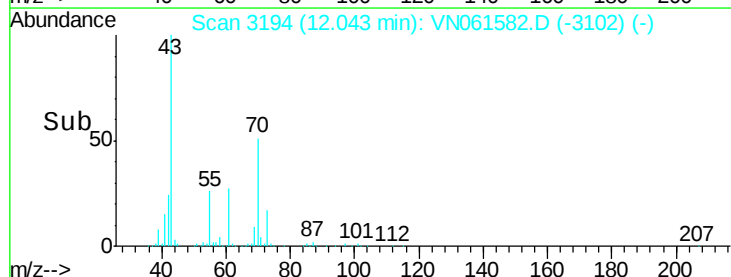
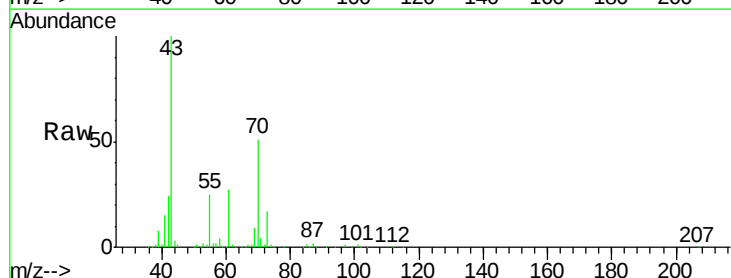
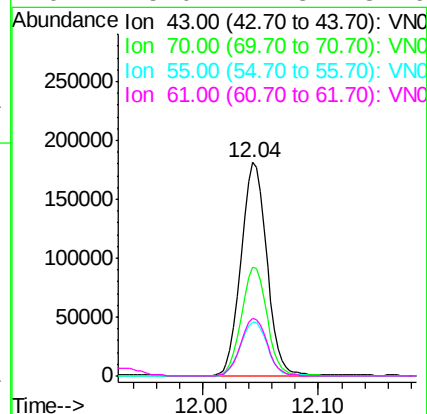
Ion Ratio Lower Upper

43 100

70 51.1 40.5 60.7

55 26.6 20.6 31.0

61 28.0 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.108 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

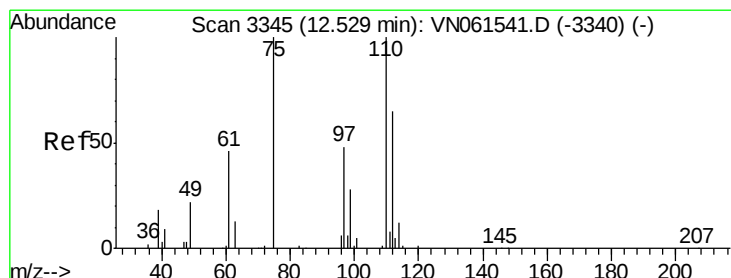
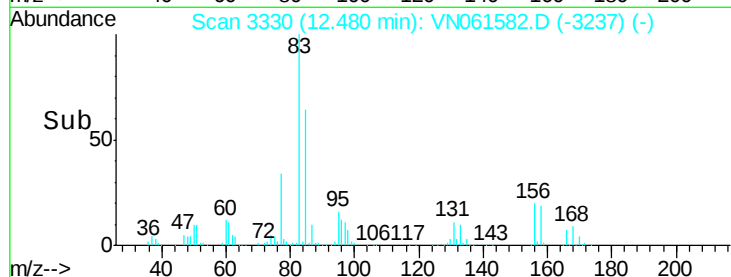
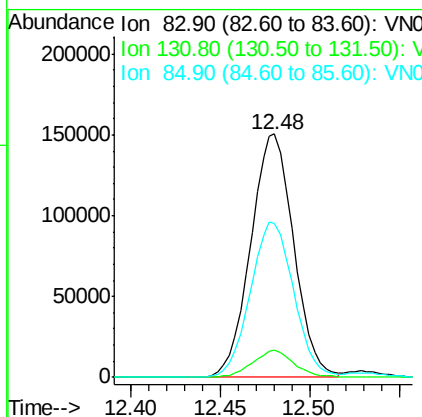
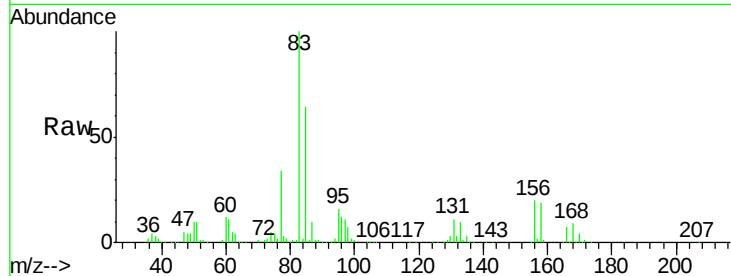
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	254259
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.5
85	64.3	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 42.532 ug/l m

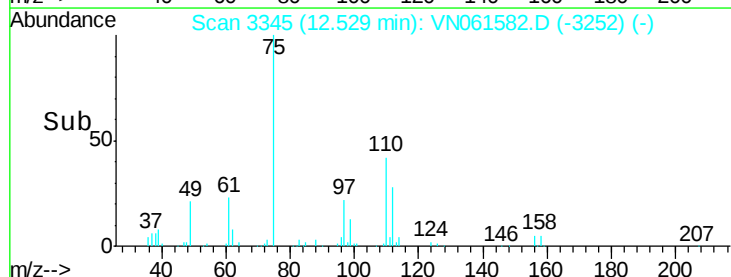
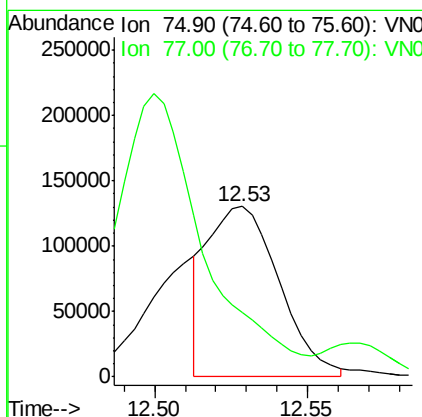
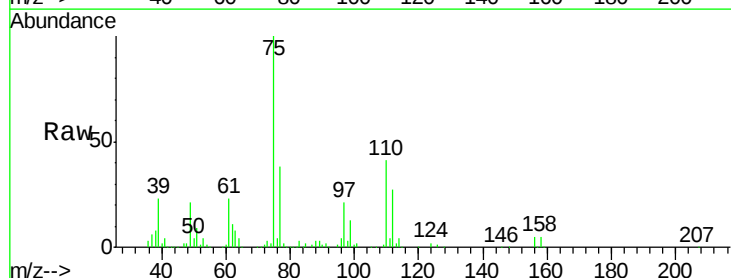
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion:	75	Resp:	213139
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.085 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

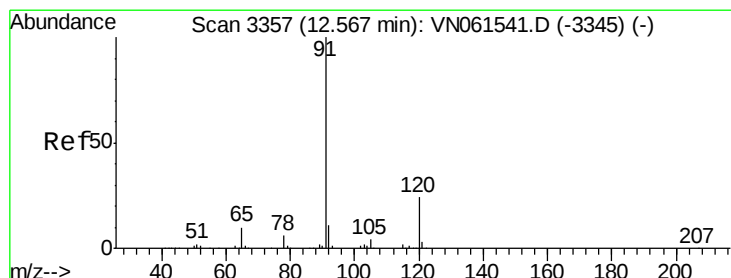
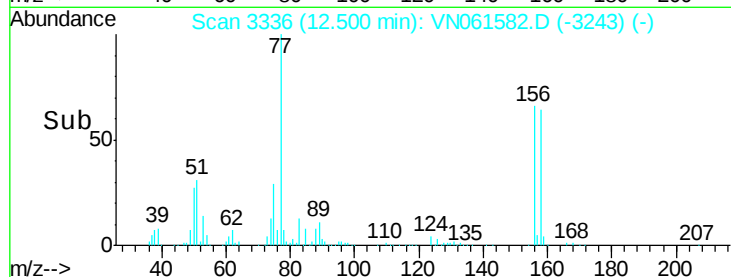
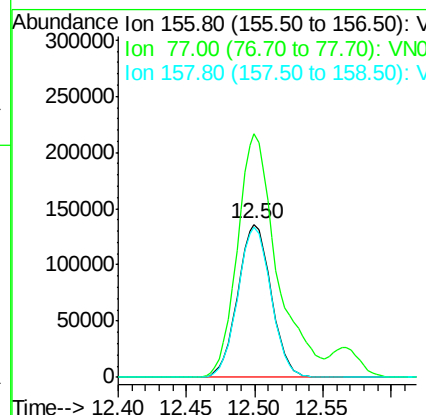
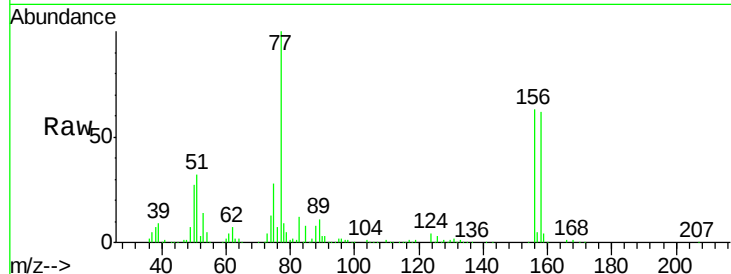
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	231481
Ion Ratio	Lower	Upper	
156	100		
77	188.7	90.9	272.7
158	97.7	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 47.191 ug/l

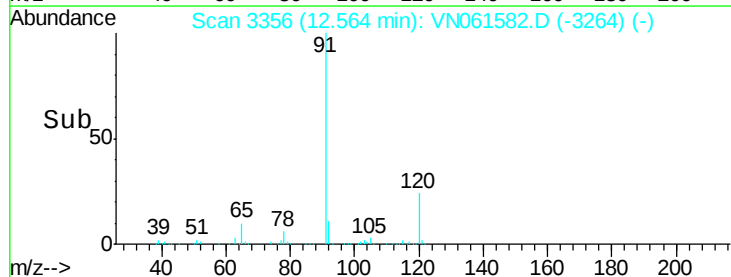
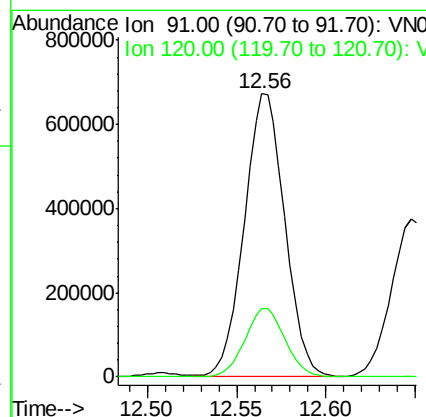
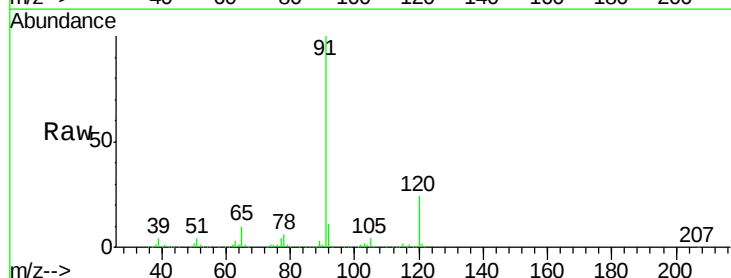
RT: 12.56 min Scan# 3356

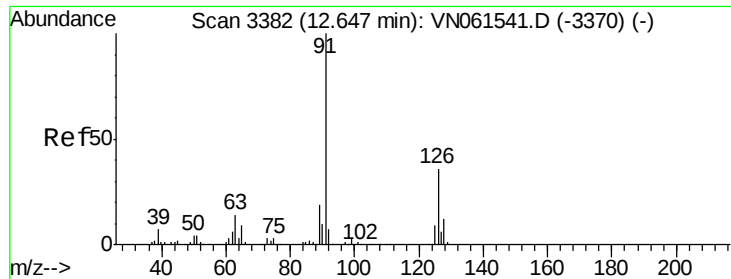
Delta R.T. -0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion:	91	Resp:	1059694
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.3	36.9





#79

2-Chlorotoluene

Concen: 45.874 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 614233

Ion Ratio Lower Upper

91 100

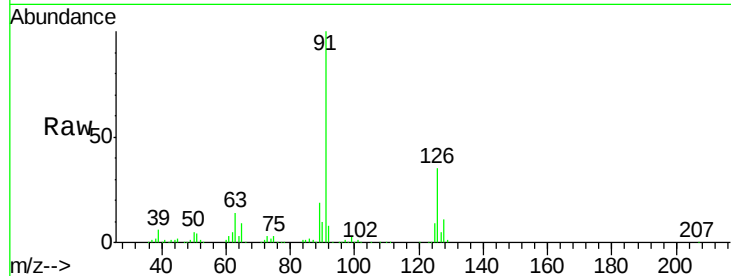
126 35.7 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

600000

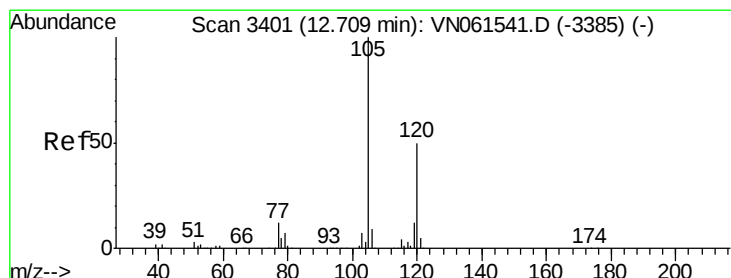
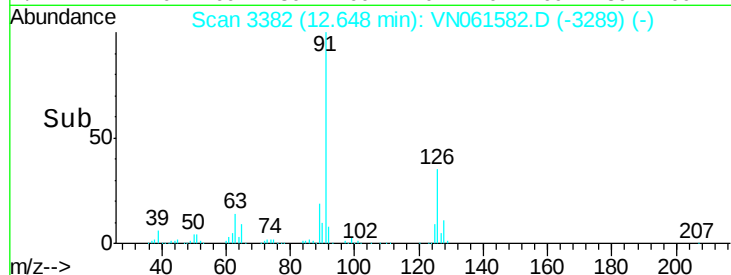
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.513 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061582.D

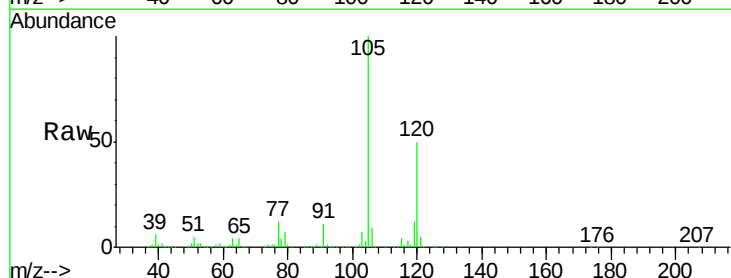
Acq: 29 May 2020 21:03

Tgt Ion: 105 Resp: 798793

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

600000

500000

400000

300000

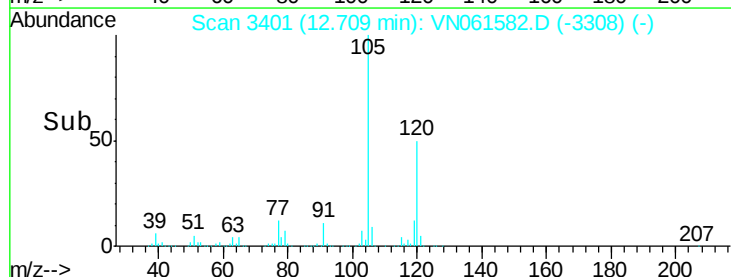
200000

100000

0

12.60 12.70 12.80

Time-->





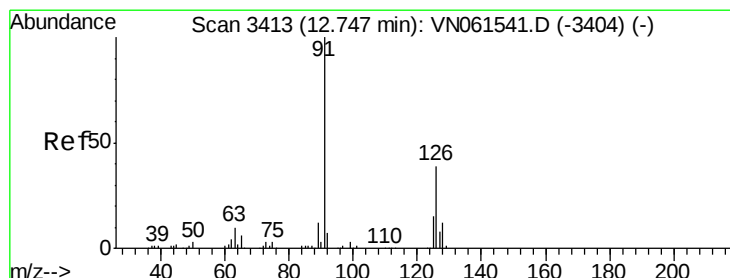
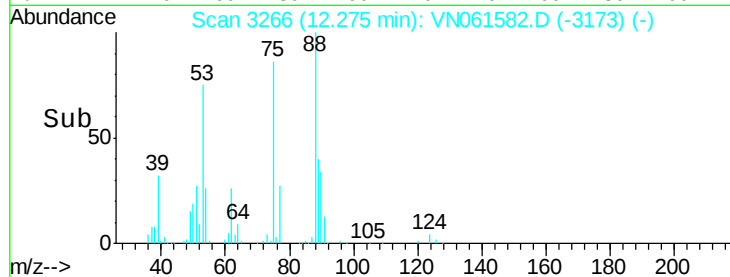
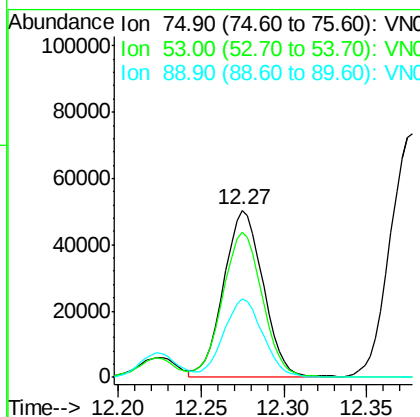
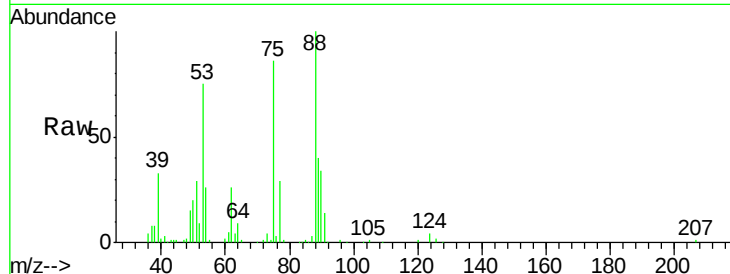
#81
trans-1,4-Dichloro-2-butene
Concen: 42.875 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.1	67.8	101.8
89	46.7	37.1	55.7

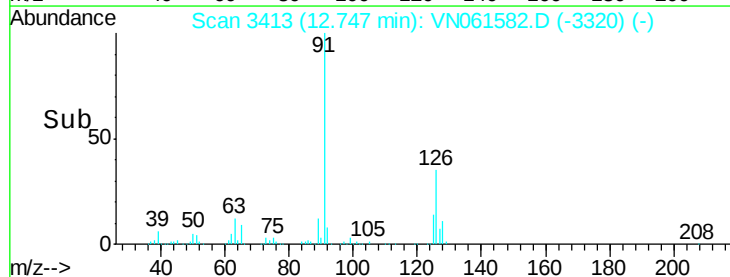
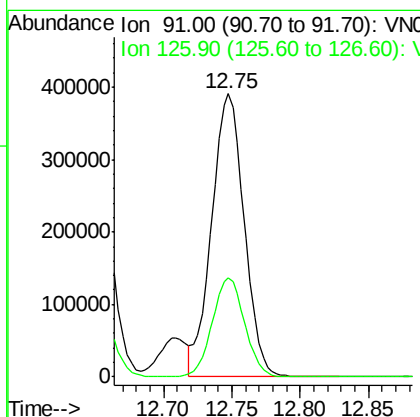
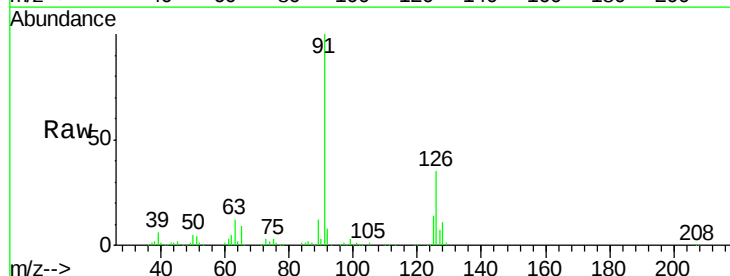
Manual Integrations
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#82
4-Chlorotoluene
Concen: 45.796 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.5	52.6





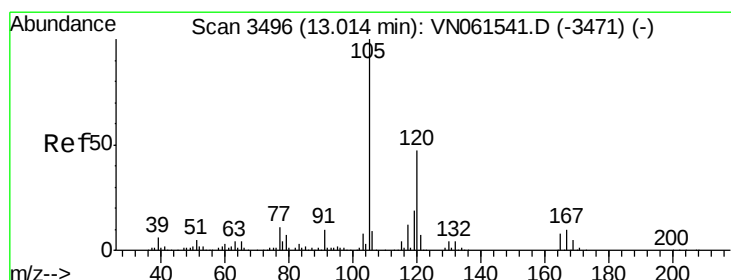
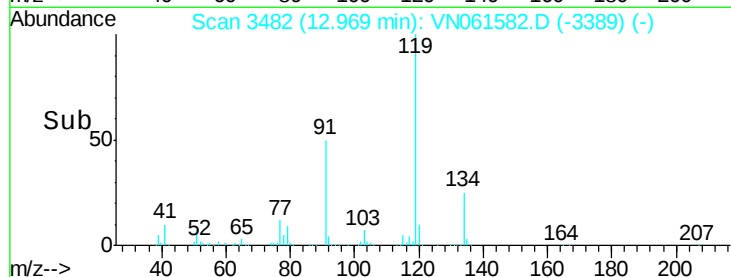
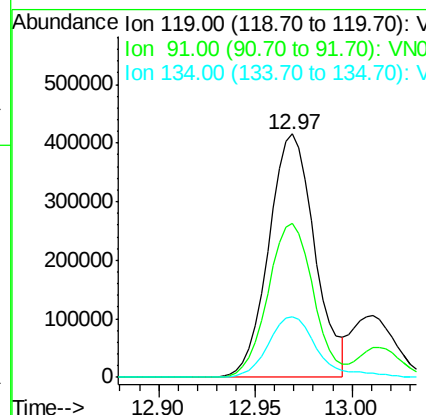
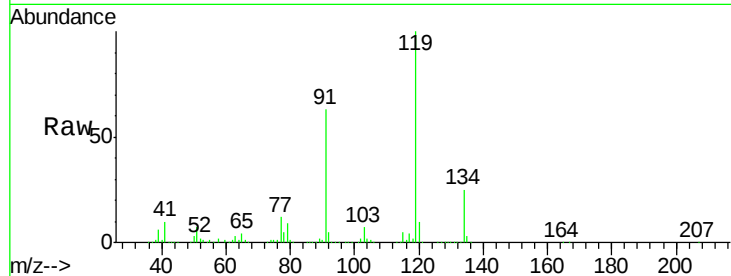
#83
tert-Butylbenzene
Concen: 46.190 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.9	31.3	93.8
134	26.6	13.5	40.4

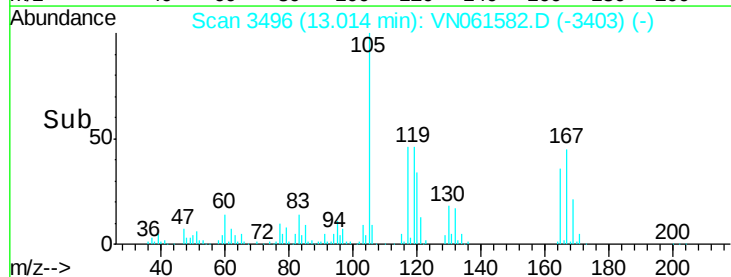
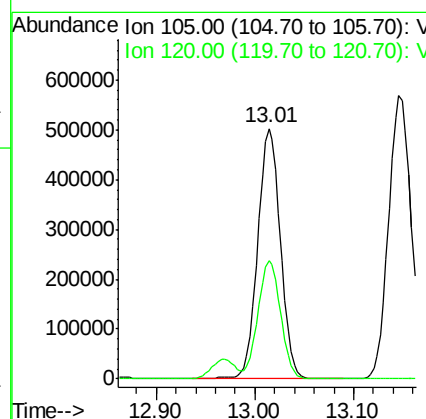
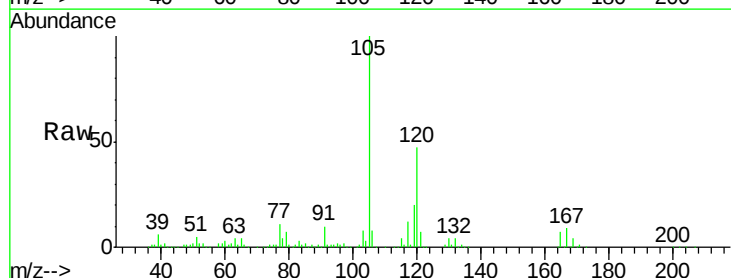
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 47.589 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.2	69.5





#85

sec-Butylbenzene

Concen: 47.239 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 904183

Ion Ratio Lower Upper

105 100

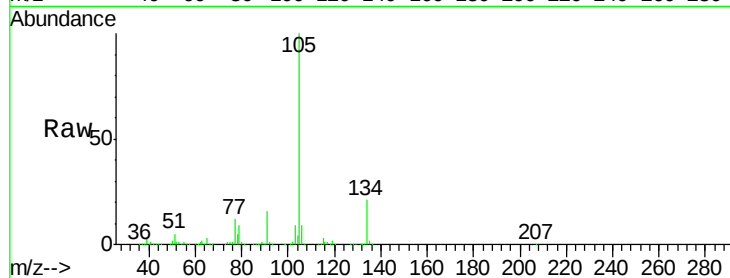
134 20.8 10.7 31.9

Manual Integrations

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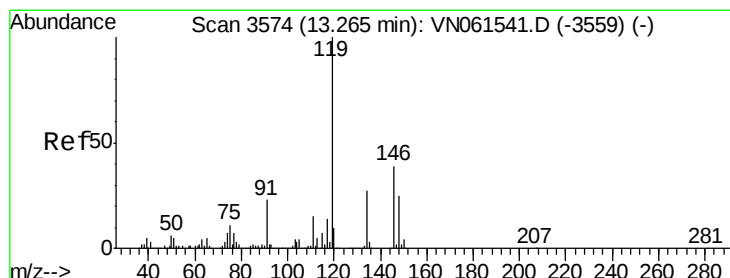
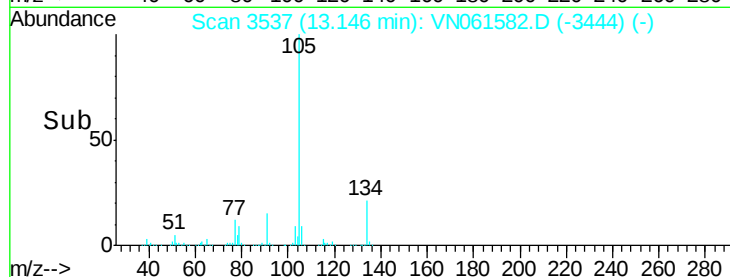
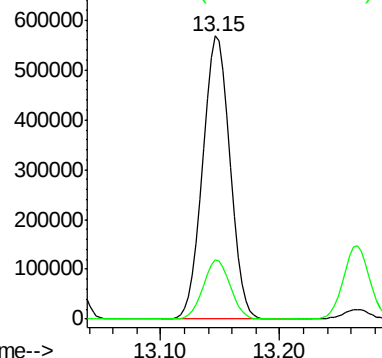
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.852 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

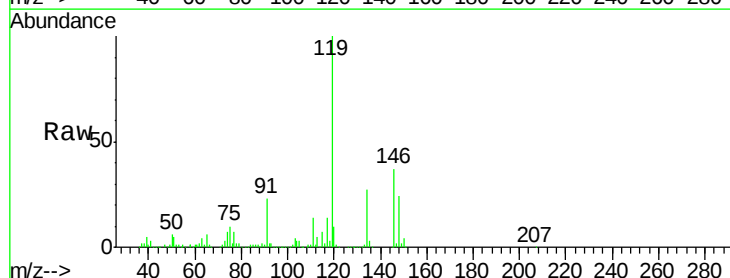
Tgt Ion:119 Resp: 843494

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

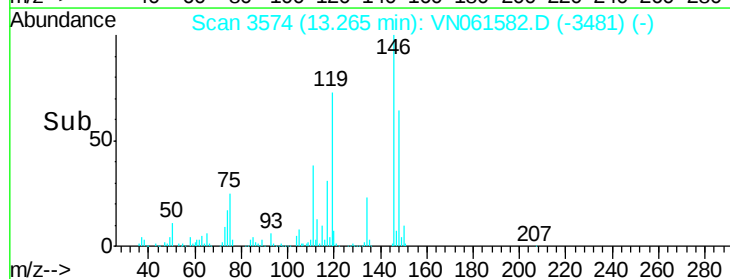
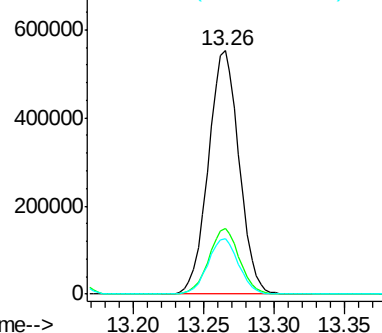
91 22.7 11.4 34.1



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: 46.966 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

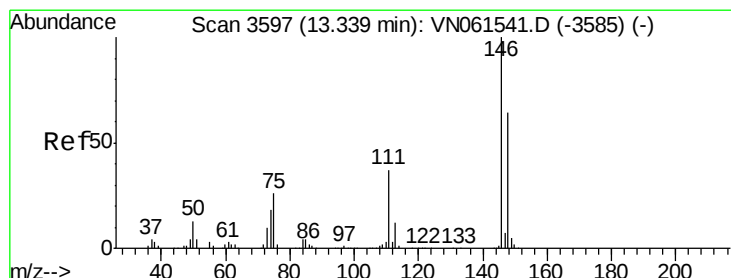
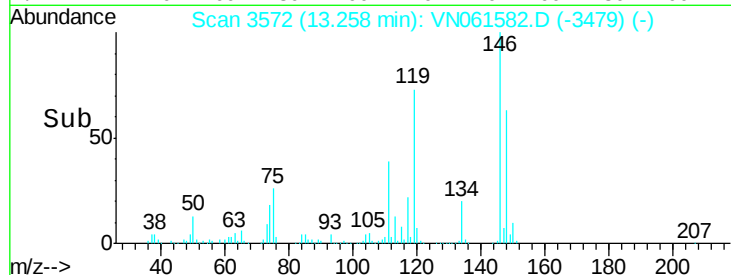
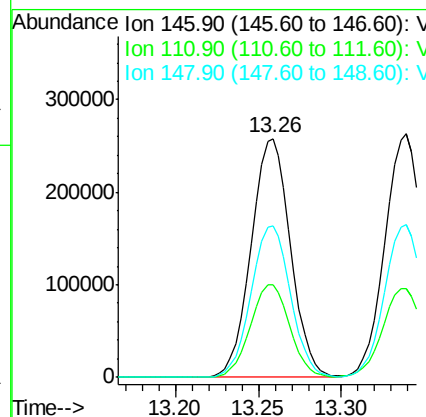
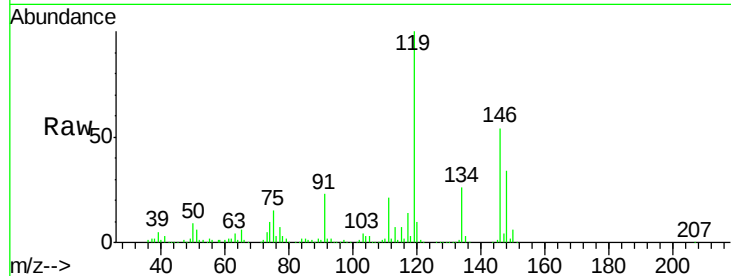
ClientSampled :

VSTDCCC050EC

Tot Ion:	146	Resp:	427011
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.2	57.6
148	63.6	31.7	95.1

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.916 ug/l

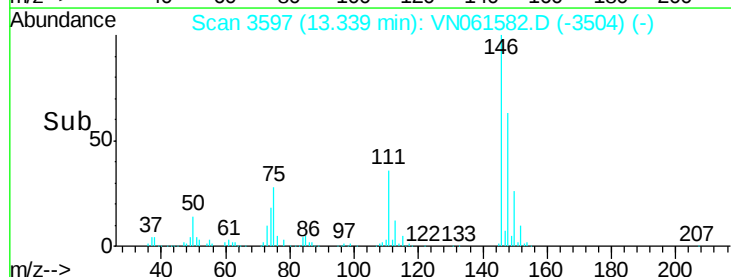
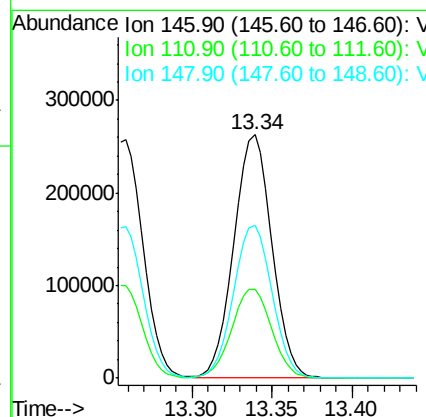
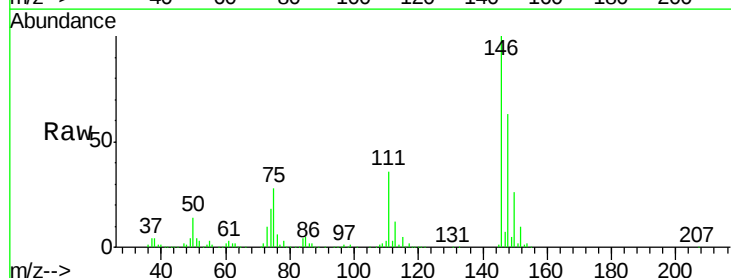
RT: 13.34 min Scan# 3597

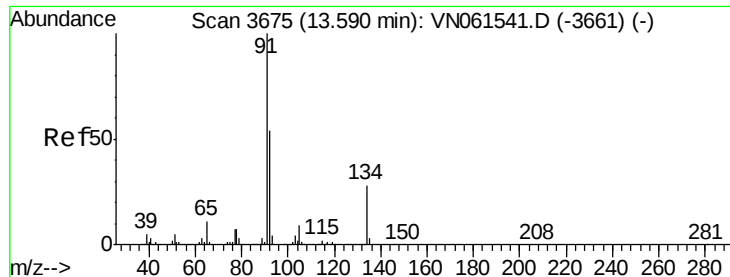
Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion:	146	Resp:	425281
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.9	56.9
148	64.0	31.8	95.3





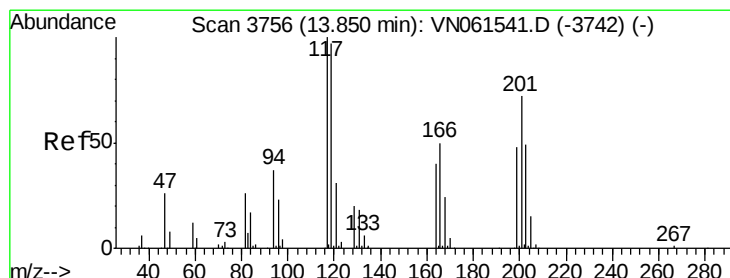
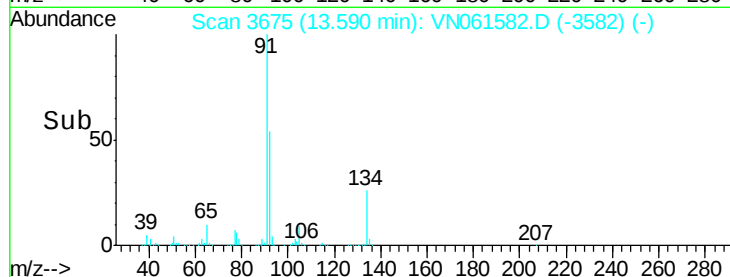
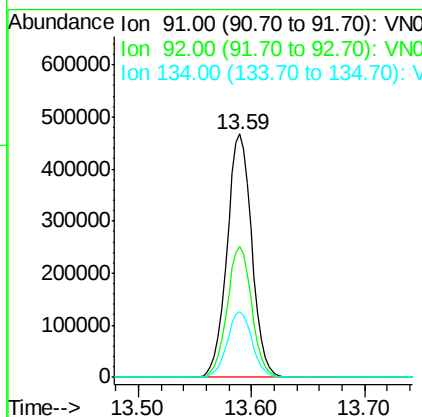
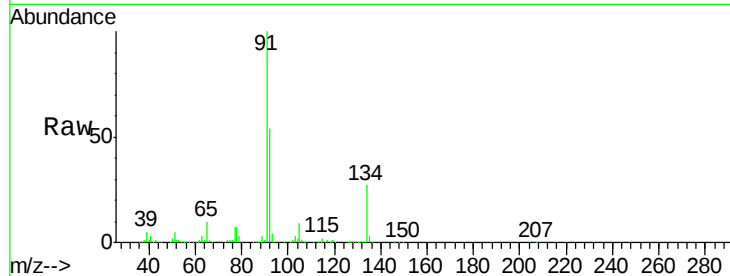
#89
n-Butylbenzene
Concen: 48.076 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.6
134	27.3	14.0	42.0

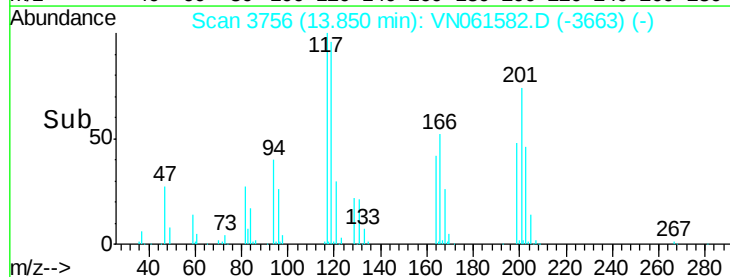
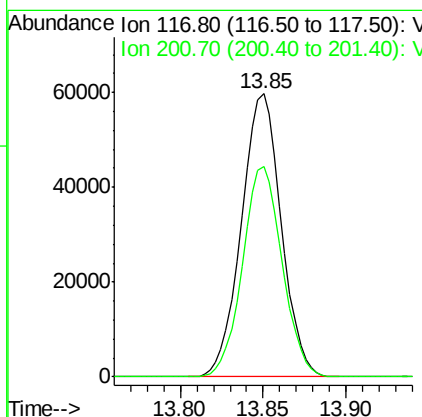
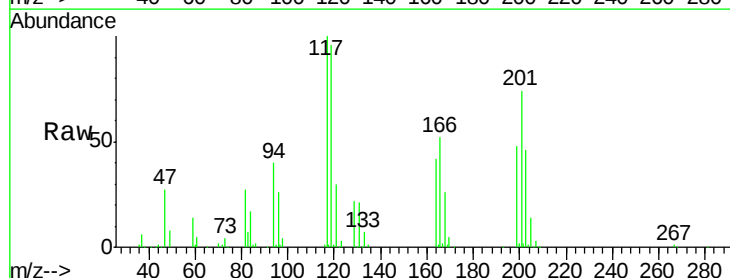
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#90
Hexachloroethane
Concen: 51.195 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061582.D
Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.7	36.7	110.1





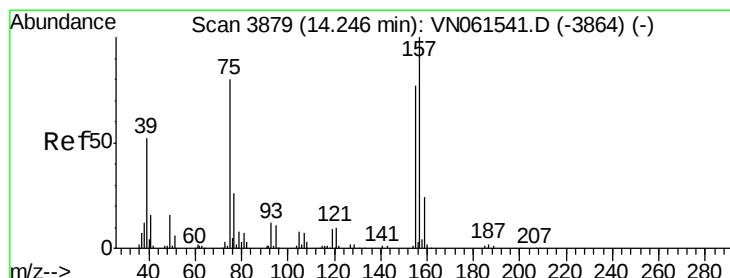
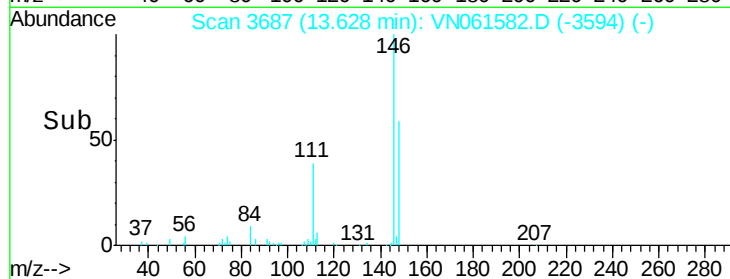
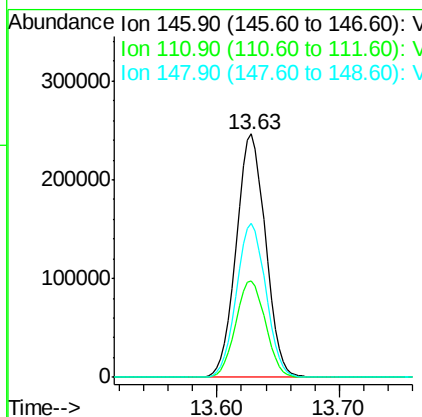
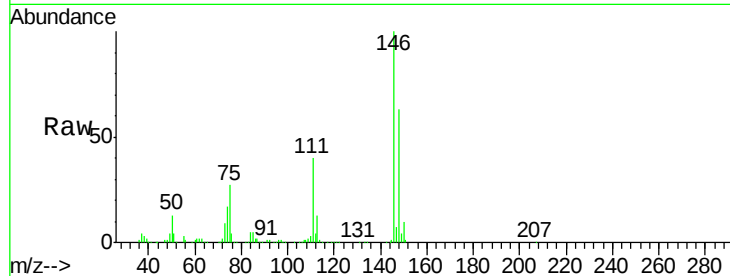
#91
 1,2-Dichlorobenzene
 Concen: 47.124 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	409446
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.1	60.2
148	63.6	31.9	95.5

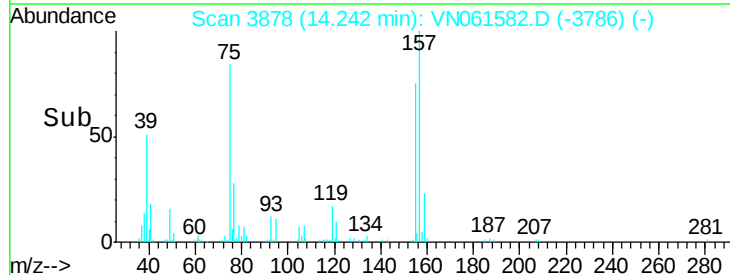
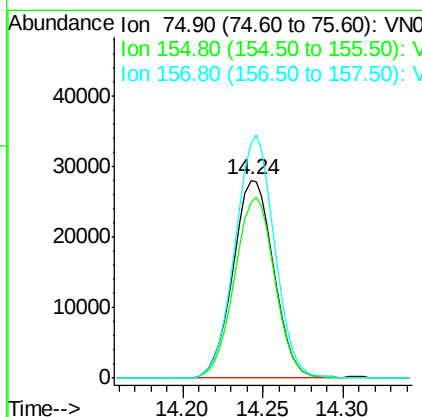
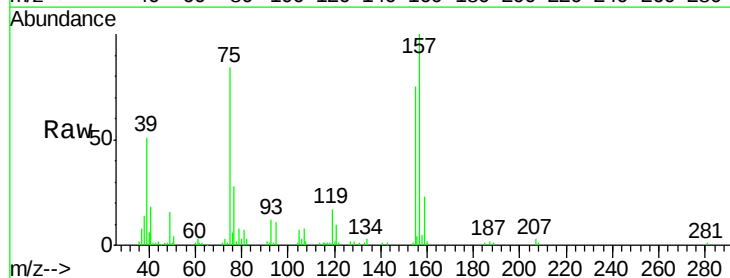
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.277 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Tgt Ion:	75	Resp:	48600
Ion Ratio	Lower	Upper	
75	100		
155	90.4	47.1	141.4
157	119.0	60.3	180.8





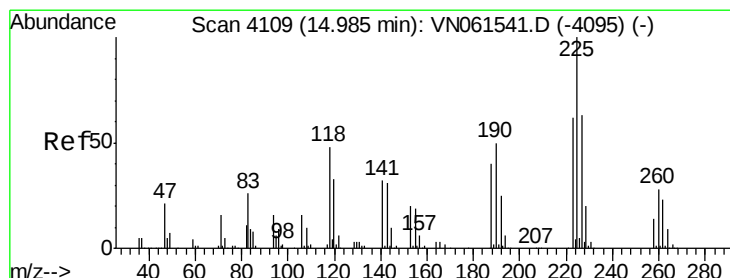
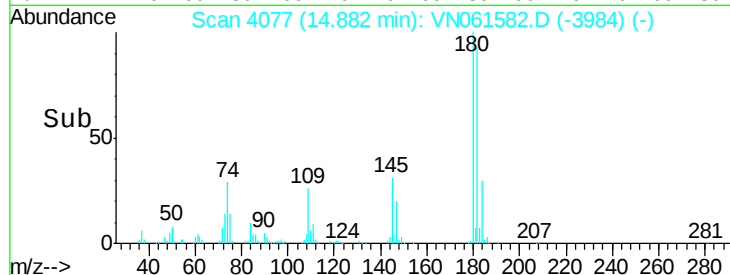
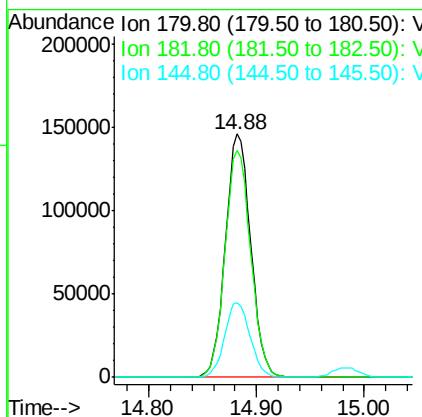
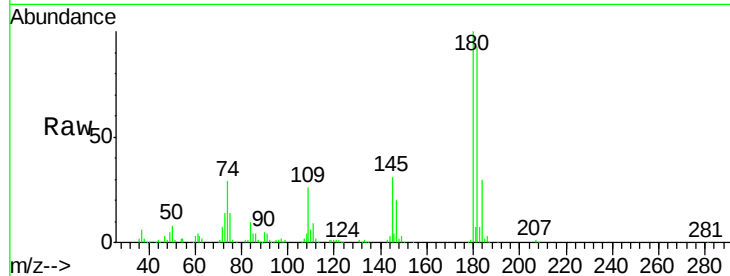
#93
 1,2,4-Trichlorobenzene
 Concen: 46.782 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	237726		
182	94.8	47.8	143.3	
145	30.9	15.5	46.5	

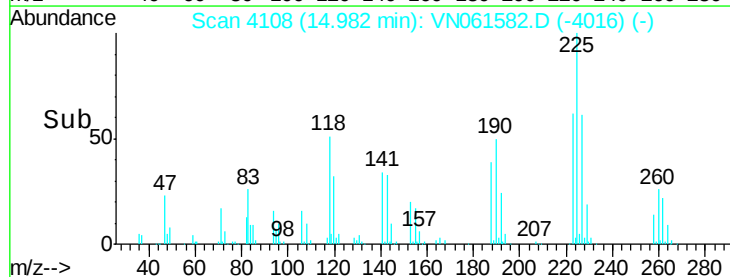
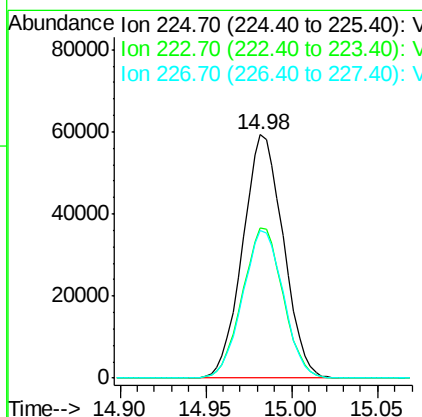
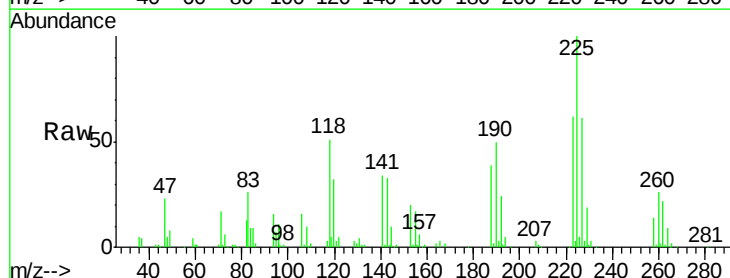
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 44.785 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061582.D
 Acq: 29 May 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97059		
223	61.4	31.9	95.5	
227	60.7	31.9	95.9	





#95

Naphthalene

Concen: 46.443 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Instrument :

MSVOA_N

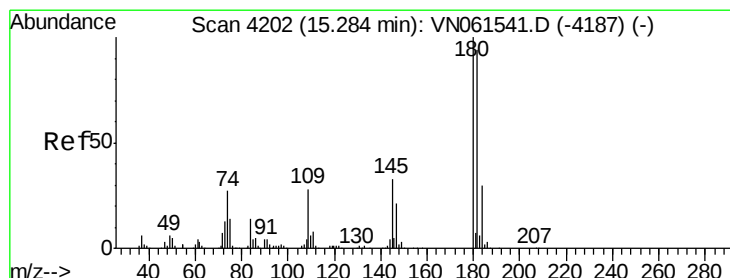
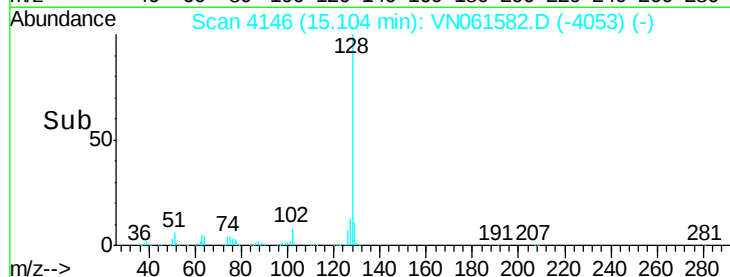
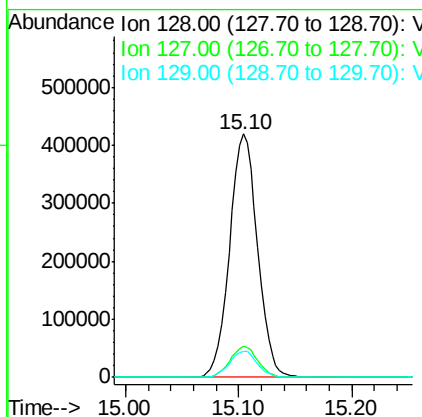
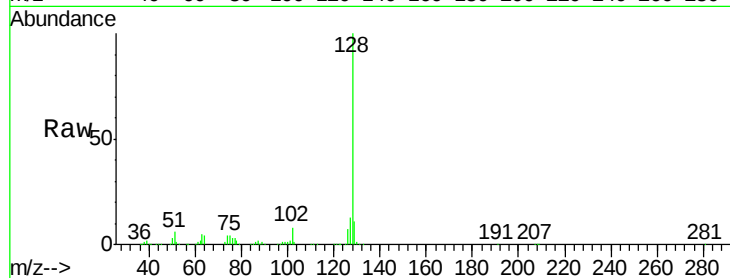
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	718324
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/1/2020 12:29:39 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.511 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061582.D

Acq: 29 May 2020 21:03

Tgt Ion:	180	Resp:	232377
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.1	141.3
145	34.2	16.3	48.9

