

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061390.D
 Acq On : 11 May 2020 16:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 5/12/2020 3:34:18 PM

Quant Time: May 12 04:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	107958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	184801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	173056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86525	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	7.55	113	52962	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.06	98	226307	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.37	95	86756	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49591	43.318	ug/l	97
3) Chloromethane	2.03	50	67724	48.845	ug/l	99
4) Vinyl Chloride	2.16	62	73837	46.887	ug/l	99
5) Bromomethane	2.54	94	30527	39.216	ug/l	99
6) Chloroethane	2.67	64	45386	45.470	ug/l	99
7) Trichlorofluoromethane	2.98	101	95405	53.697	ug/l	100
8) Diethyl Ether	3.37	74	39696	53.565	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56871	49.686	ug/l	98
10) Methyl Iodide	3.91	142	57638	39.183	ug/l	99
11) Tert butyl alcohol	4.72	59	44478	194.371	ug/l	98
12) 1,1-Dichloroethene	3.70	96	53805	47.237	ug/l	98
13) Acrolein	3.56	56	26813	175.831	ug/l	96
14) Allyl chloride	4.27	41	117759	55.757	ug/l	98
15) Acrylonitrile	4.92	53	176787	251.672	ug/l	100
16) Acetone	3.77	43	149214	225.313	ug/l	99
17) Carbon Disulfide	4.01	76	126971	40.354	ug/l	99
18) Methyl Acetate	4.27	43	95330	44.288	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	217062	49.872	ug/l	98
20) Methylene Chloride	4.50	84	64390	48.340	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	59498	47.970	ug/l	98
22) Diisopropyl ether	5.90	45	253798	51.821	ug/l	99
23) Vinyl Acetate	5.84	43	1002663	254.264	ug/l	100
24) 1,1-Dichloroethane	5.80	63	127633	49.879	ug/l	99
25) 2-Butanone	6.78	43	234618	232.108	ug/l	99
26) 2,2-Dichloropropane	6.77	77	102999	47.788	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	71081	48.835	ug/l	99
28) Bromochloromethane	7.15	49	66685	54.982	ug/l	96
29) Tetrahydrofuran	7.16	42	157457	231.246	ug/l	99
30) Chloroform	7.33	83	125993	48.587	ug/l	99
31) Cyclohexane	7.61	56	105474	42.443	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	107724	47.706	ug/l	100
36) 1,1-Dichloropropene	7.75	75	91101	49.245	ug/l	99
37) Ethyl Acetate	6.88	43	104762	48.305	ug/l	100
38) Carbon Tetrachloride	7.73	117	82907	49.160	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	90818	43.775	ug/l	100
40) Benzene	8.00	78	265719	48.212	ug/l	100
41) Methacrylonitrile	7.12	41	48312	53.653	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	105516	50.536	ug/l	100
43) Isopropyl Acetate	8.12	43	177843	49.411	ug/l	99
44) Trichloroethene	8.80	130	66705	44.771	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75022	50.951	ug/l	99
46) Dibromomethane	9.17	93	46474	50.976	ug/l	98
47) Bromodichloromethane	9.37	83	102112	52.182	ug/l	97
48) Methyl methacrylate	9.17	41	81228	50.012	ug/l	98
49) 1,4-Dioxane	9.16	88	12908	700.133	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	523269	246.988	ug/l	99
52) Toluene	10.12	92	163418	49.227	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	111591	50.610	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	117775	50.524	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	65343	49.348	ug/l	99
56) Ethyl methacrylate	10.40	69	105785	46.072	ug/l	99
57) 1,3-Dichloropropane	10.68	76	118487	50.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	268672	250.670	ug/l	99
59) 2-Hexanone	10.72	43	372468	241.655	ug/l	100
60) Dibromochloromethane	10.87	129	70082	50.534	ug/l	99
61) 1,2-Dibromoethane	10.98	107	65377	49.260	ug/l	99
64) Tetrachloroethene	10.60	164	62971	42.013	ug/l	98
65) Chlorobenzene	11.41	112	168569	49.105	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	63394	51.596	ug/l	100
67) Ethyl Benzene	11.48	91	320430	49.863	ug/l	100
68) m/p-Xylenes	11.60	106	231591	98.457	ug/l	98
69) o-Xylene	11.92	106	112235	49.674	ug/l	99
70) Styrene	11.94	104	192295	50.850	ug/l	99
71) Bromoform	12.10	173	46601	51.607	ug/l #	98
73) Isopropylbenzene	12.22	105	304353	49.844	ug/l	100
74) N-amyl acetate	12.04	43	153625	49.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	95106	49.952	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	87369m	49.894	ug/l	
77) Bromobenzene	12.50	156	71042	50.401	ug/l	99
78) n-propylbenzene	12.56	91	362715	50.082	ug/l	100
79) 2-Chlorotoluene	12.65	91	214062	50.285	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	255020	50.462	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33946	49.229	ug/l	99
82) 4-Chlorotoluene	12.75	91	228544	50.938	ug/l	98
83) tert-Butylbenzene	12.97	119	209226	49.098	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	254584	48.895	ug/l	100
85) sec-Butylbenzene	13.15	105	280594	48.296	ug/l	99
86) p-Isopropyltoluene	13.26	119	253987	48.521	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	128125	49.376	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	129272	48.758	ug/l	99
89) n-Butylbenzene	13.59	91	236056	49.191	ug/l	99
90) Hexachloroethane	13.85	117	34664	61.431	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	121234	48.726	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18831	46.830	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72739	48.009	ug/l	100
94) Hexachlorobutadiene	14.98	225	30980	48.945	ug/l	98
95) Naphthalene	15.10	128	220940	44.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	70537	47.155	ug/l	100

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

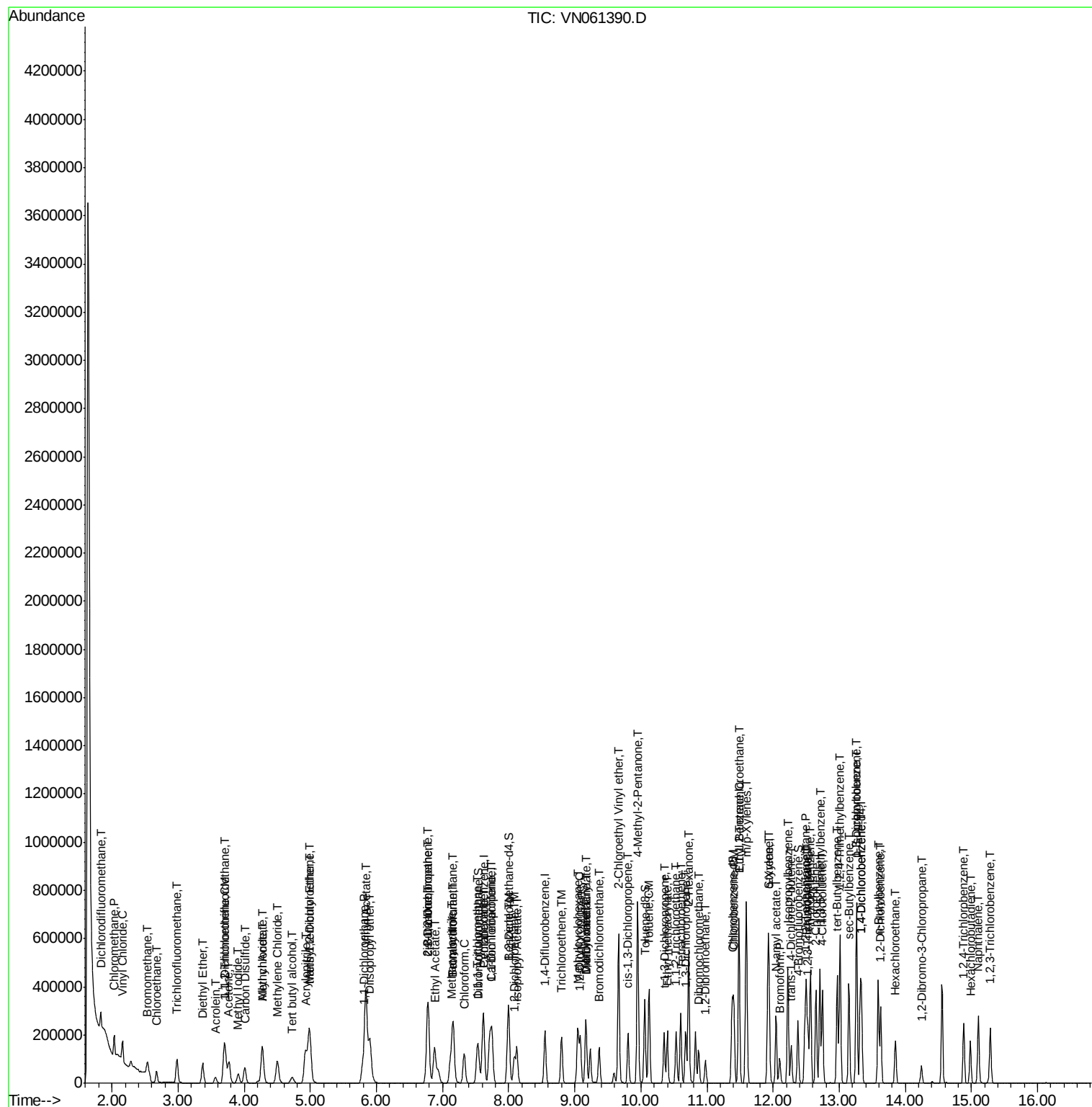
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
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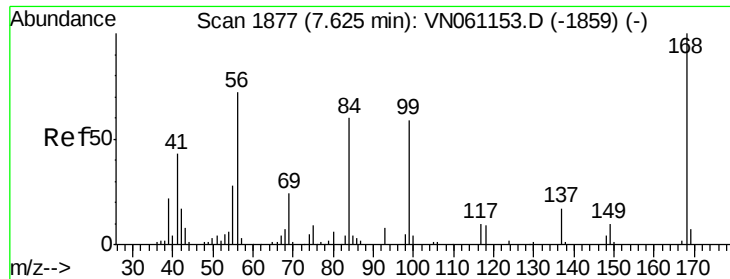
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 107958

Ion Ratio Lower Upper

168 100

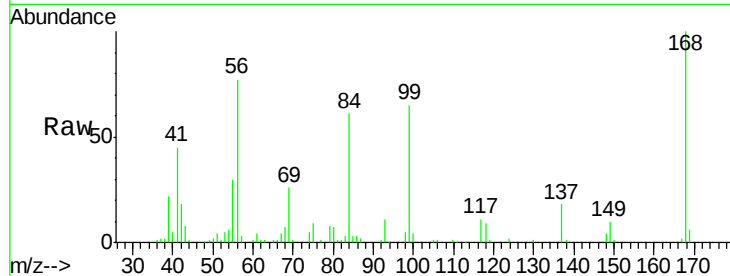
99 65.4 51.2 76.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

40000

30000

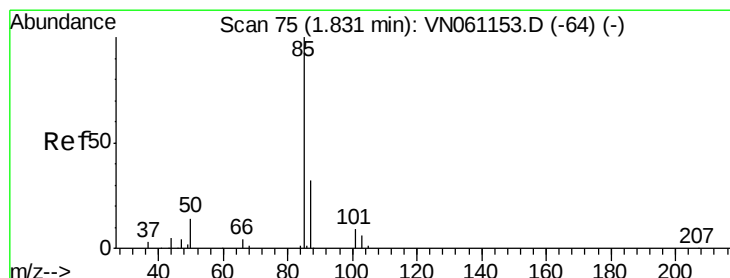
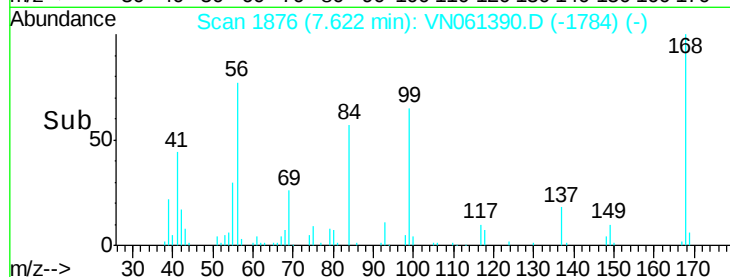
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.318 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061390.D

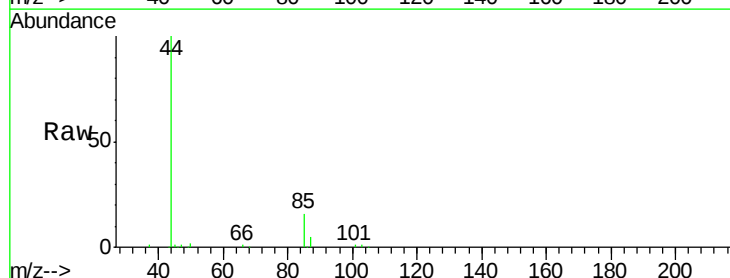
Acq: 11 May 2020 16:36

Tgt Ion: 85 Resp: 49591

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

30000

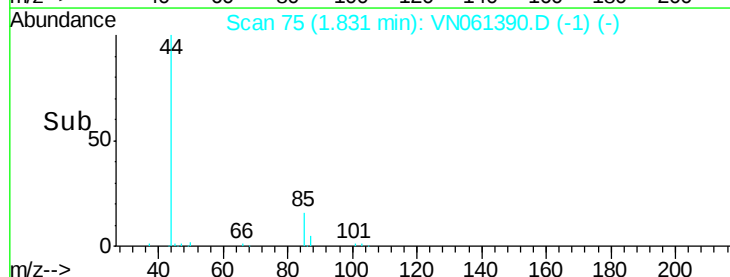
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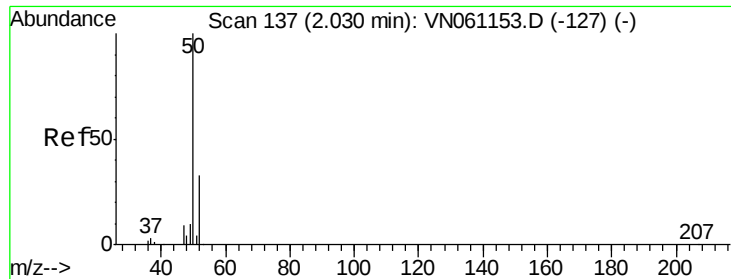
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0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.845 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 67724

Ion Ratio Lower Upper

50 100

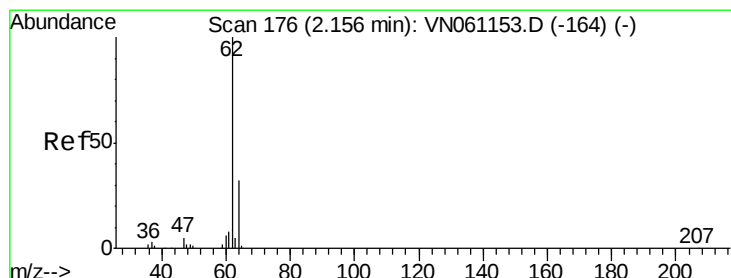
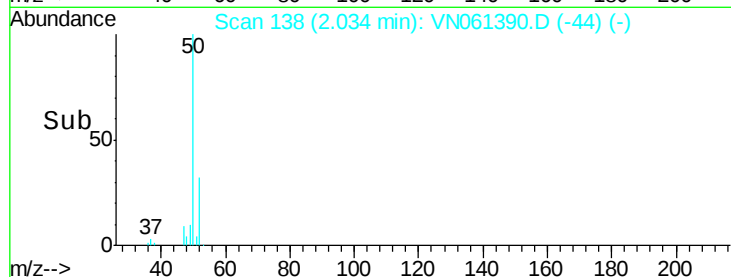
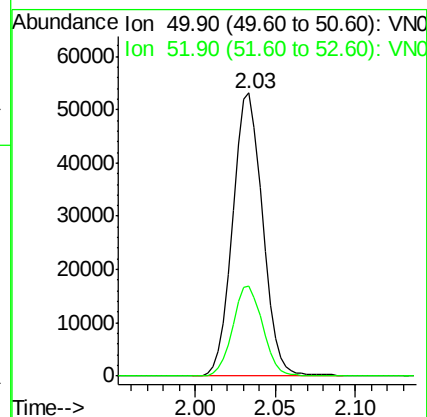
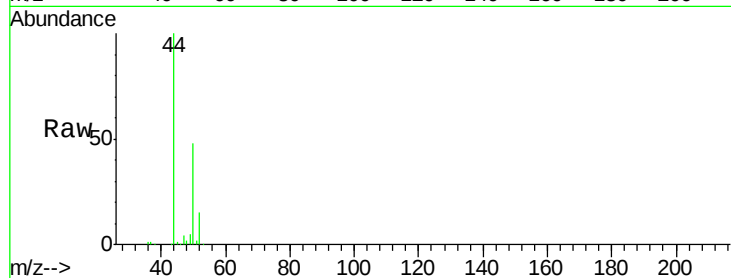
52 31.9 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.887 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061390.D

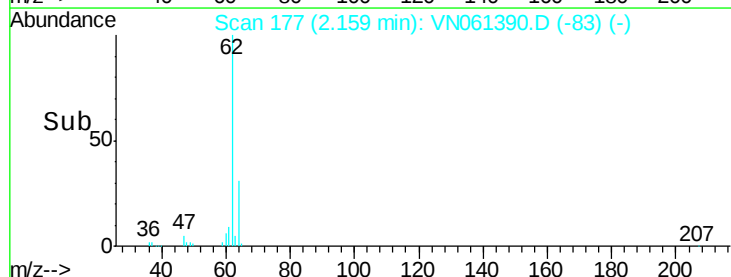
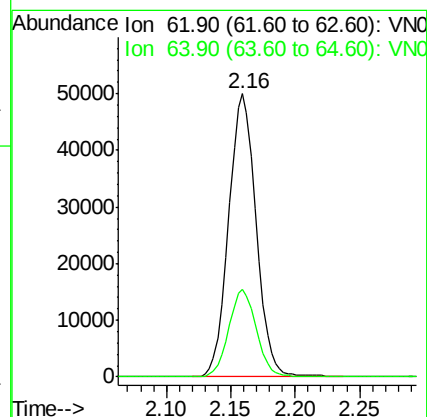
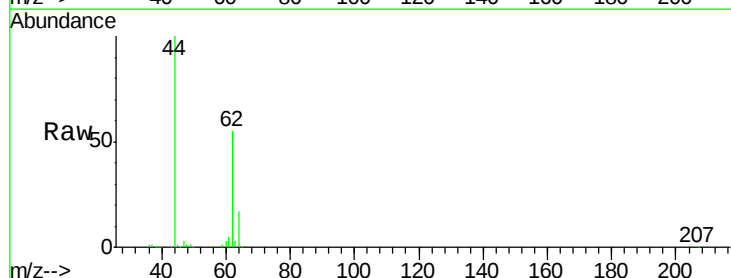
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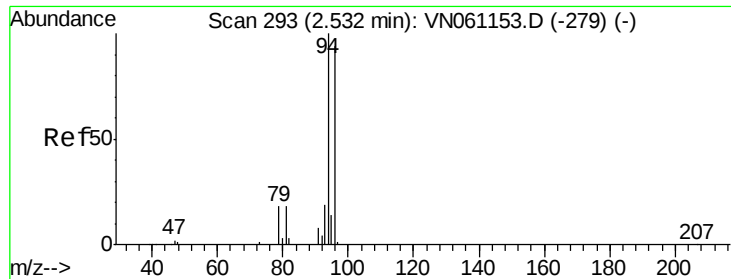
Tgt Ion: 62 Resp: 73837

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8





#5

Bromomethane

Concen: 39.216 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

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ClientSampleId :

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Tot Ion: 94 Resp: 30527

Ion Ratio Lower Upper

94 100

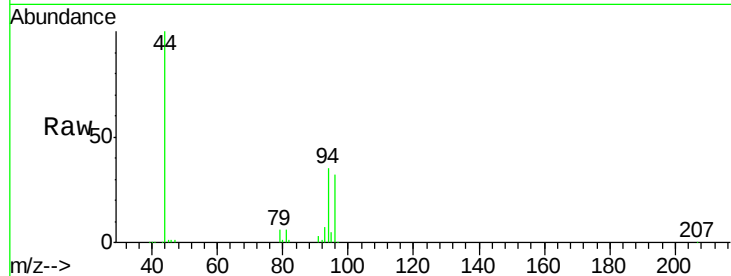
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Manual Integrations

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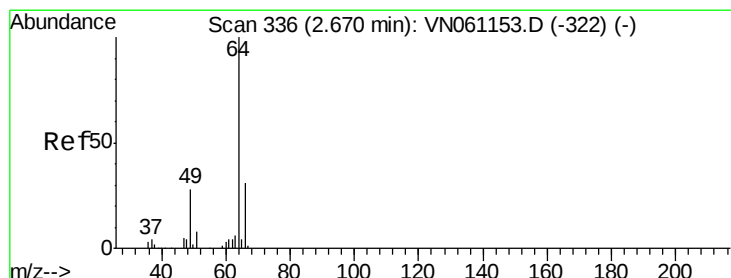
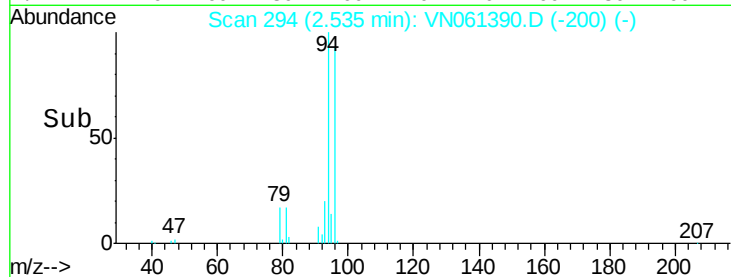
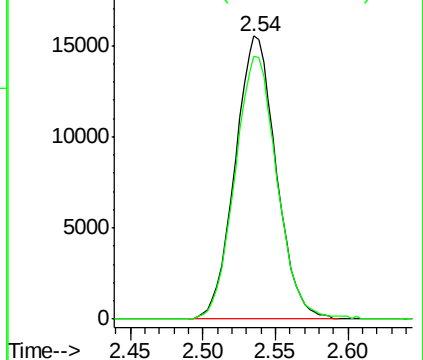
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.470 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061390.D

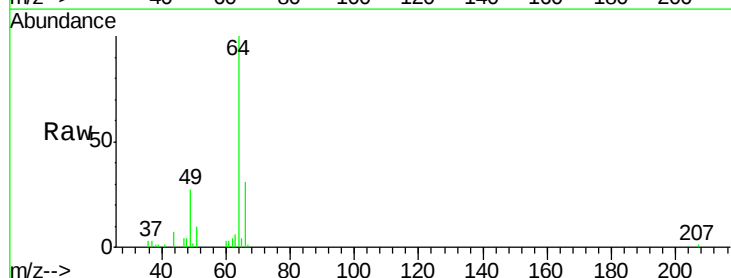
Acq: 11 May 2020 16:36

Tgt Ion: 64 Resp: 45386

Ion Ratio Lower Upper

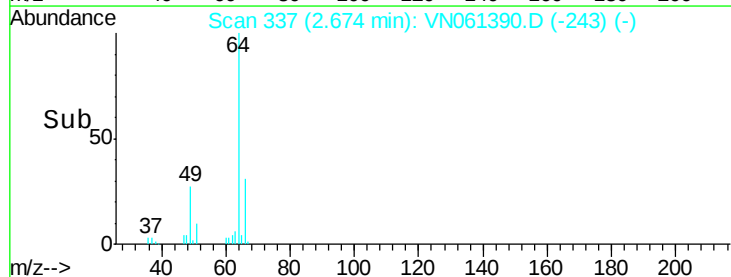
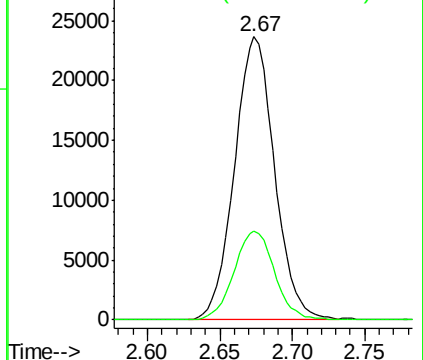
64 100

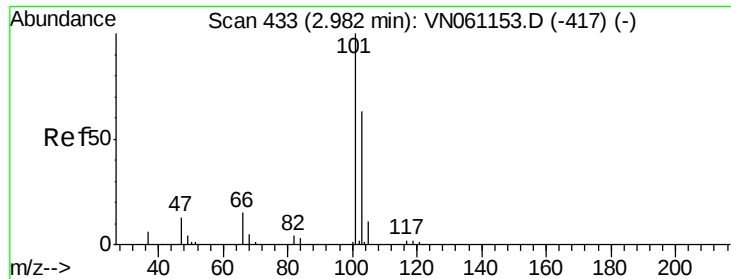
66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

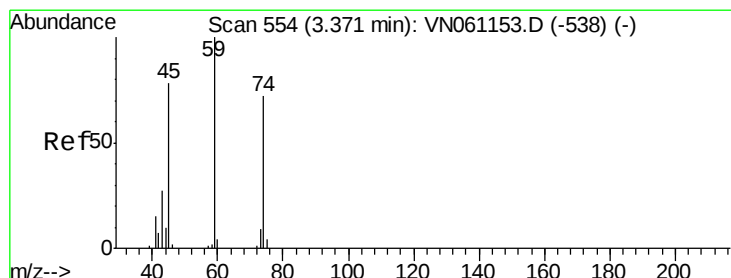
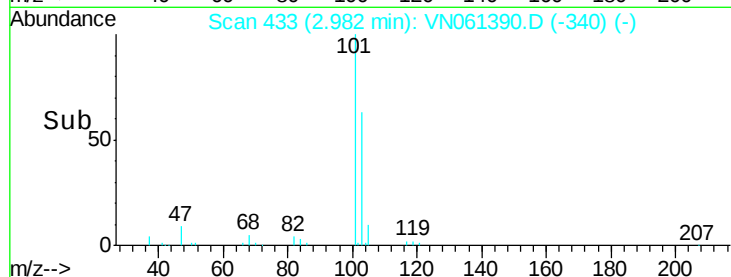
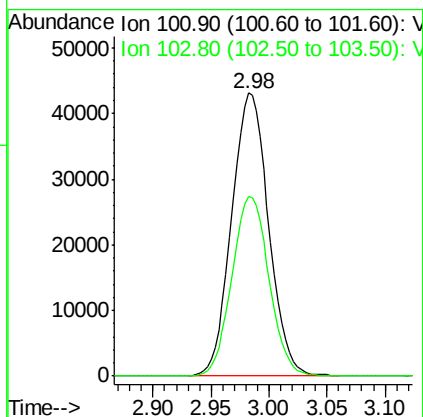
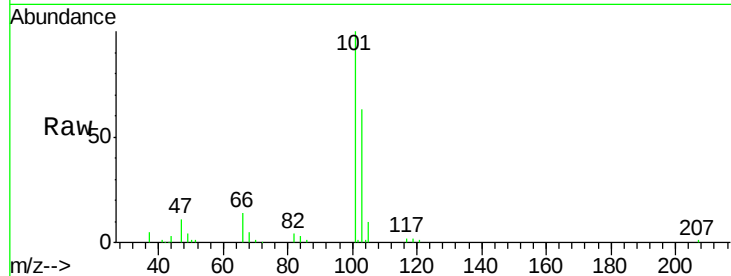
Trichlorofluoromethane
Concen: 53.697 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061390.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		95405		
103	63.4	50.6	76.0		

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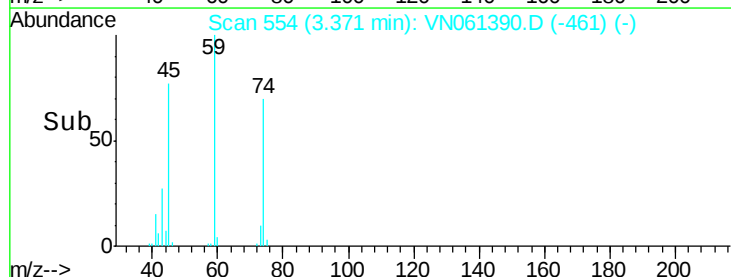
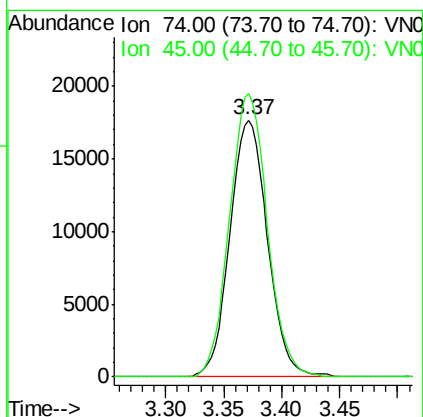
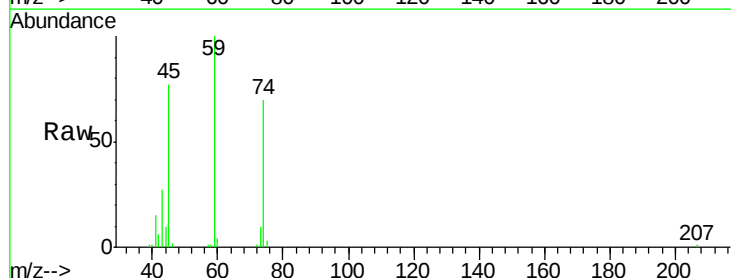
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#8

Diethyl Ether
Concen: 53.565 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		39696		
45	111.0	53.3	160.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.686 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

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MSVOA_N

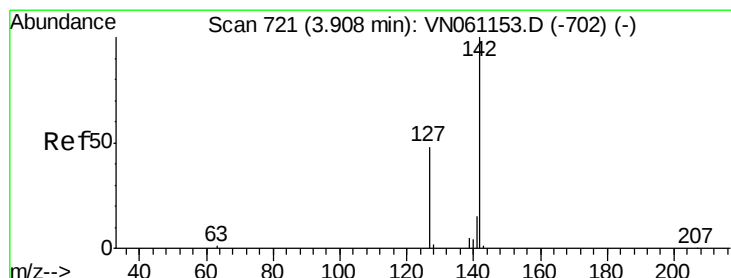
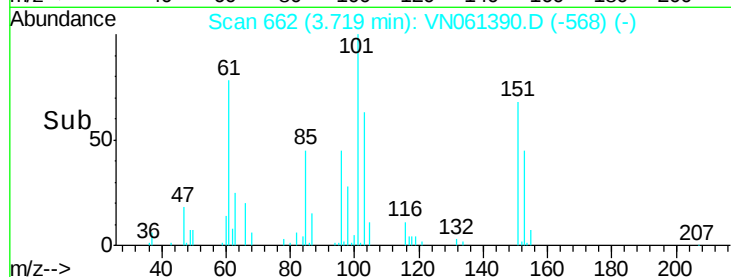
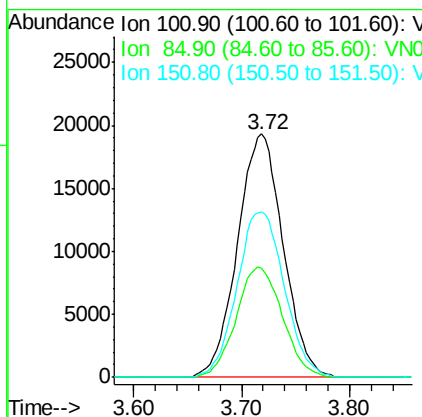
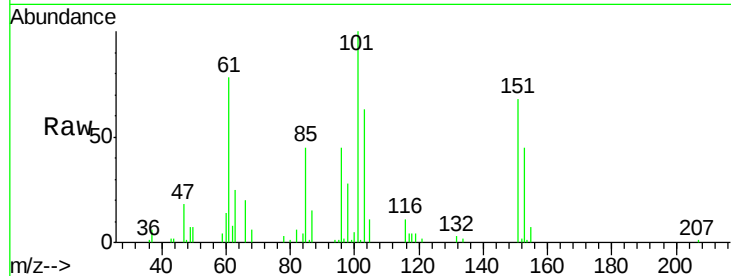
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	56871
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.2	55.8
151	70.4	57.7	86.5

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 39.183 ug/l

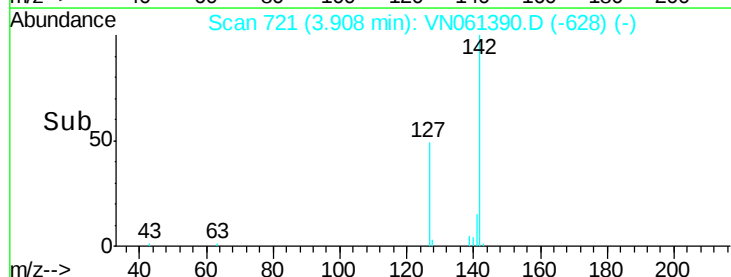
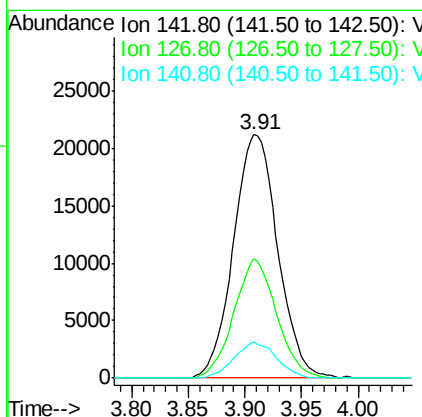
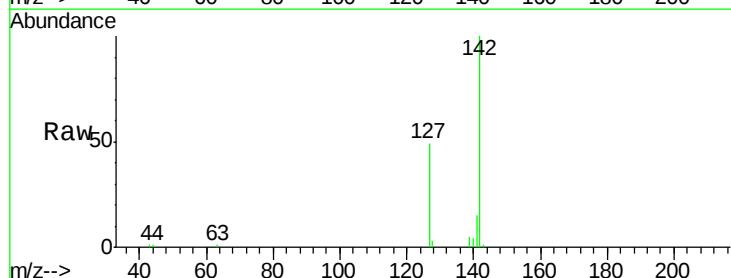
RT: 3.91 min Scan# 721

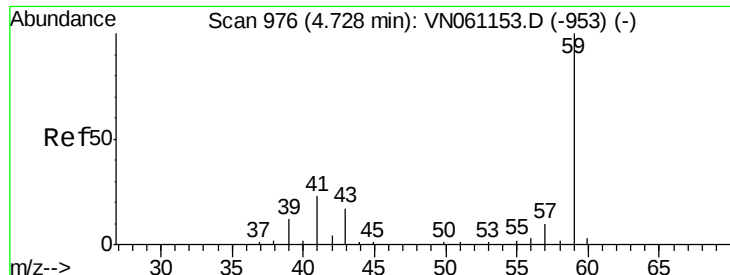
Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion:	142	Resp:	57638
Ion Ratio	Lower	Upper	
142	100		
127	47.2	38.0	57.0
141	14.1	11.7	17.5





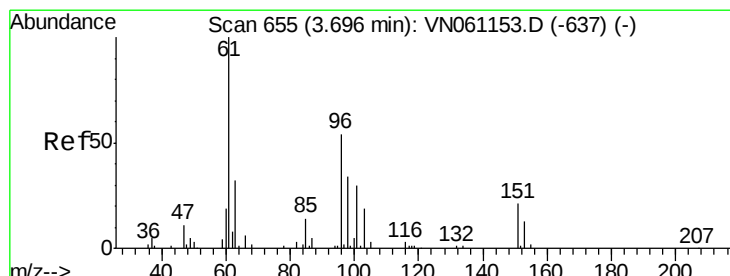
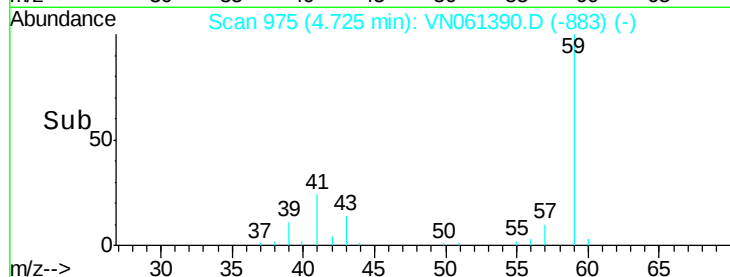
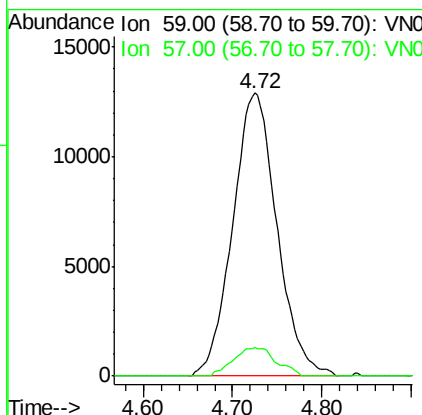
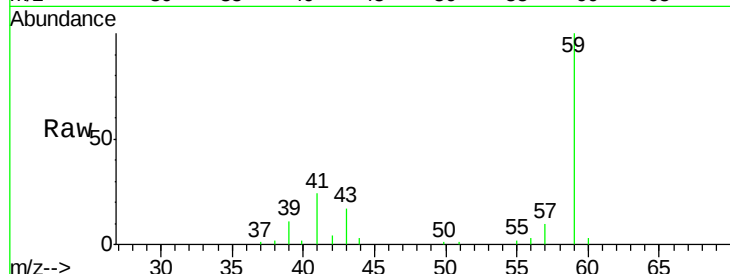
#11
Tert butyl alcohol
Concen: 194.371 ug/l
RT: 4.72 min Scan# 975
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

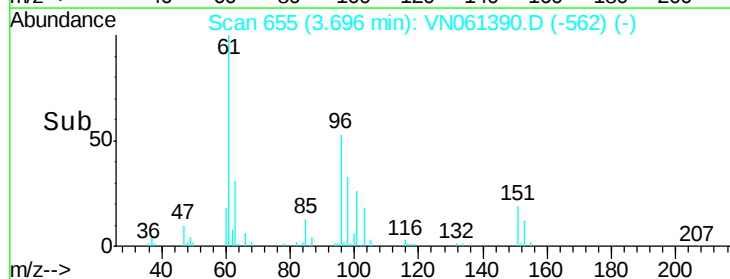
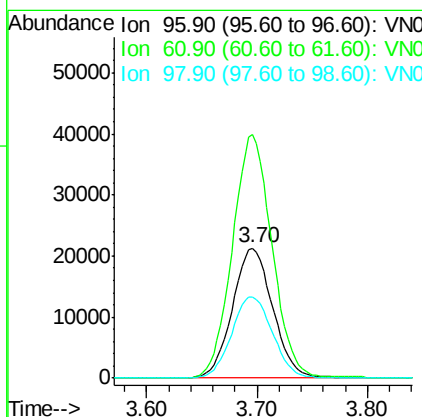
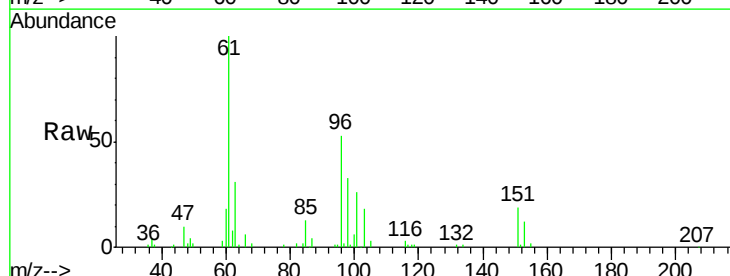
Manual Integrations
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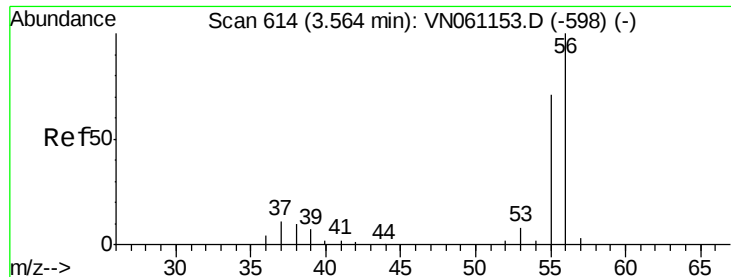
sam
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#12
1,1-Dichloroethene
Concen: 47.237 ug/l
RT: 3.70 min Scan# 655
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.7	147.0	220.6
98	62.4	49.8	74.6





#13

Acrolein

Concen: 175.831 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 26813

Ion Ratio Lower Upper

56 100

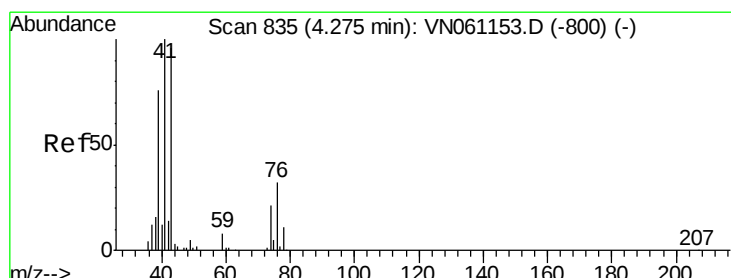
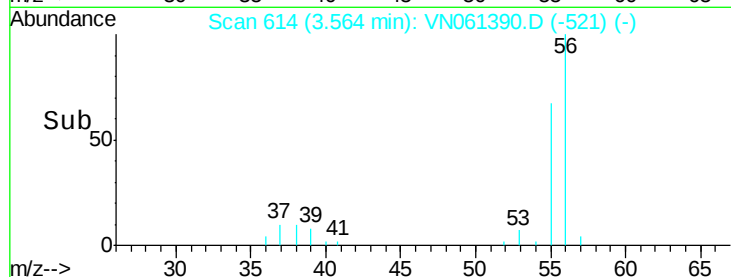
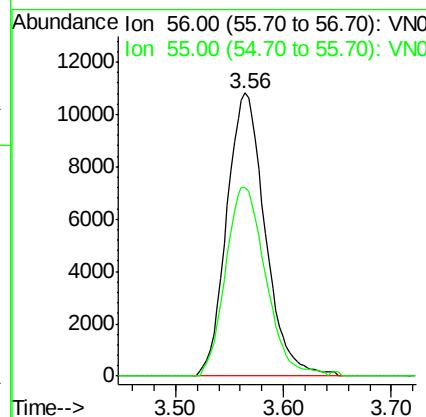
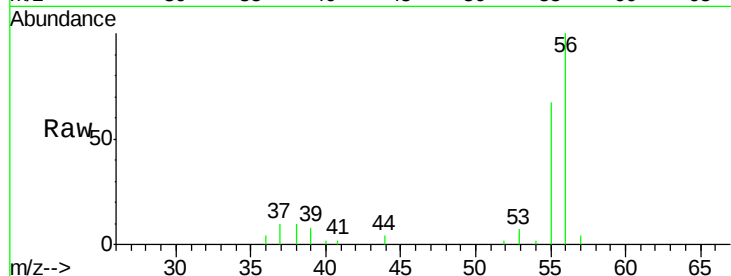
55 69.9 58.5 87.7

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 55.757 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

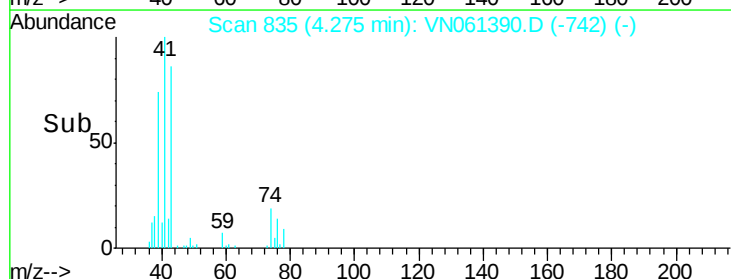
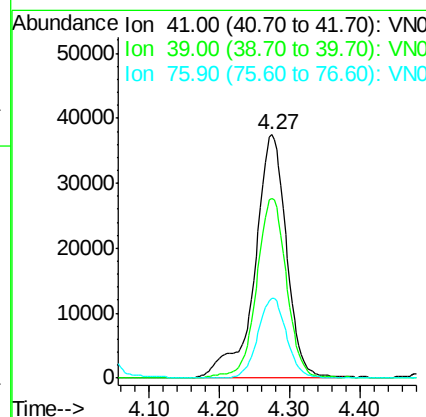
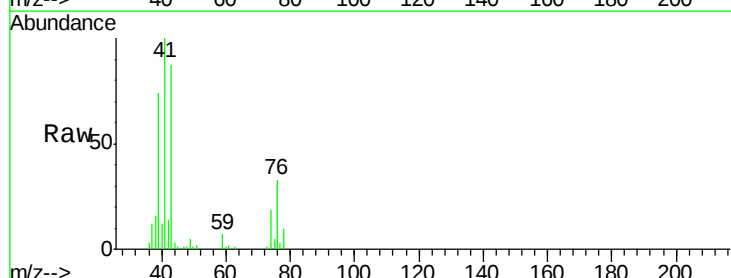
Tgt Ion: 41 Resp: 117759

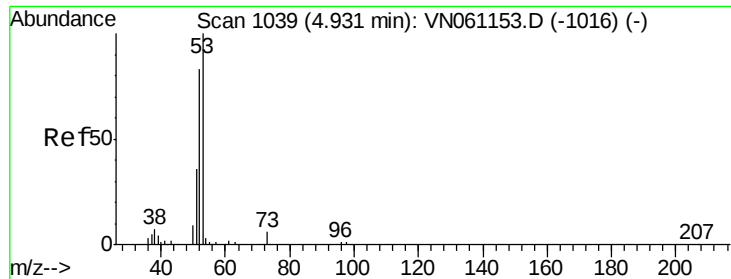
Ion Ratio Lower Upper

41 100

39 69.6 57.1 85.7

76 29.4 24.3 36.5





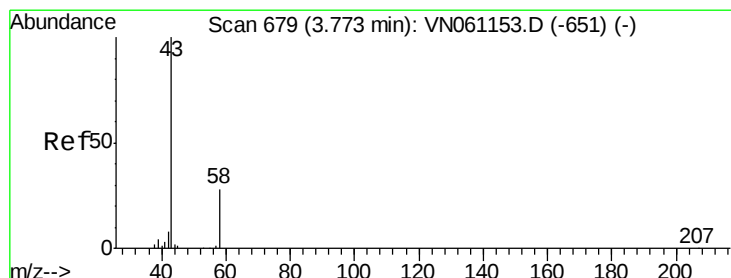
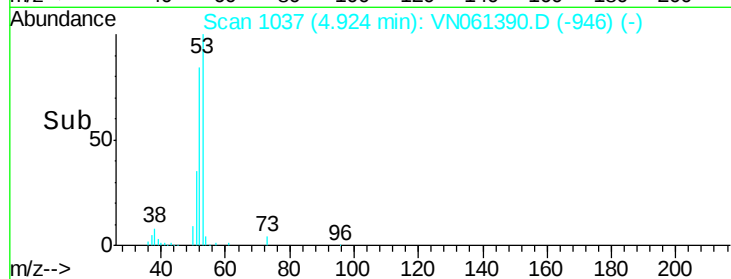
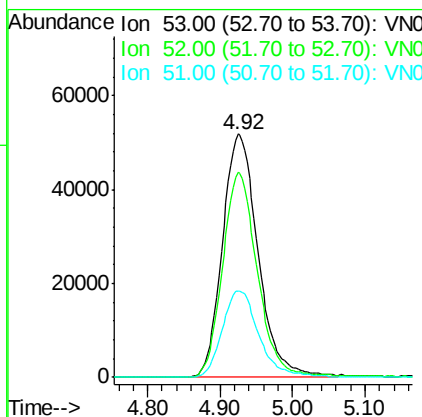
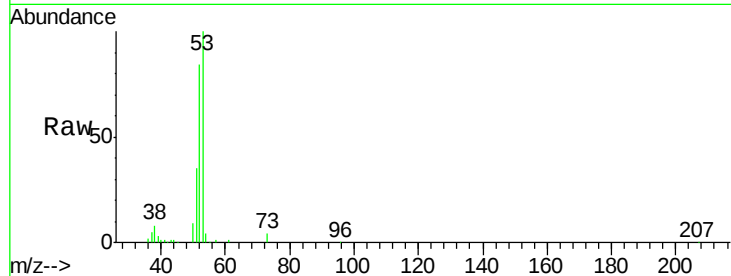
#15
 Acrylonitrile
 Concen: 251.672 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	176787
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.4	98.0
51	36.6	29.5	44.3

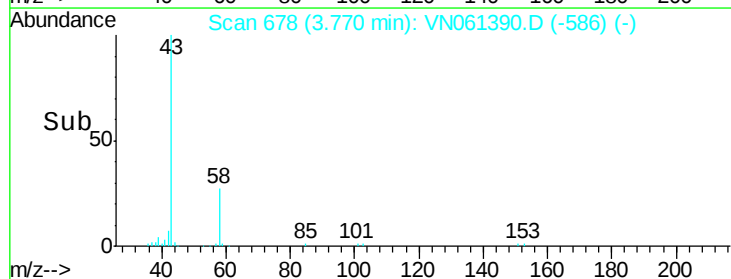
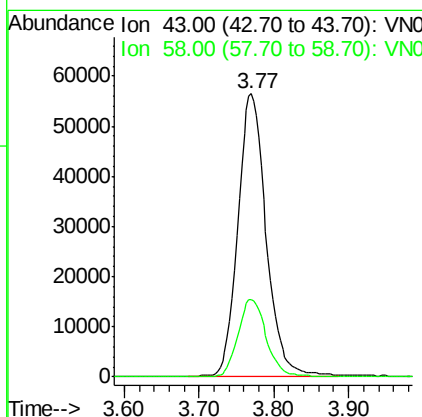
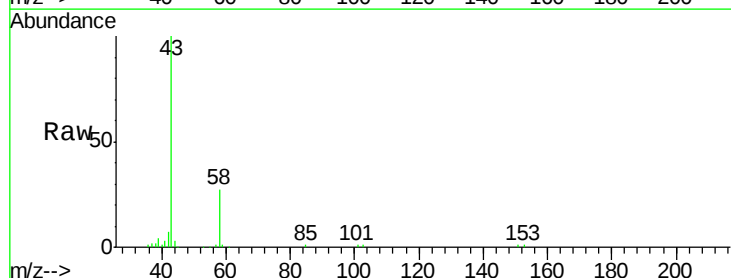
Manual Integrations
 APPROVED

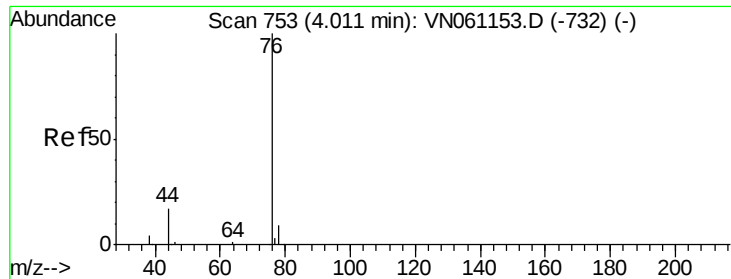
sam
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#16
 Acetone
 Concen: 225.313 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion:	43	Resp:	149214
Ion Ratio	Lower	Upper	
43	100		
58	27.4	22.2	33.2





#17

Carbon Disulfide

Concen: 40.354 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 126971

Ion Ratio Lower Upper

76 100

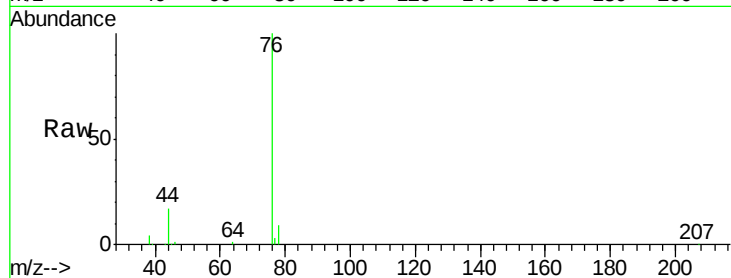
78 8.7 7.2 10.8

Manual Integrations

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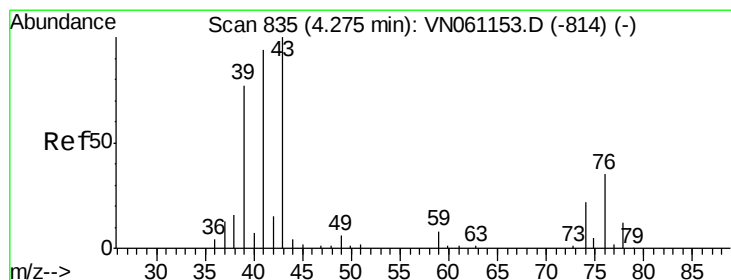
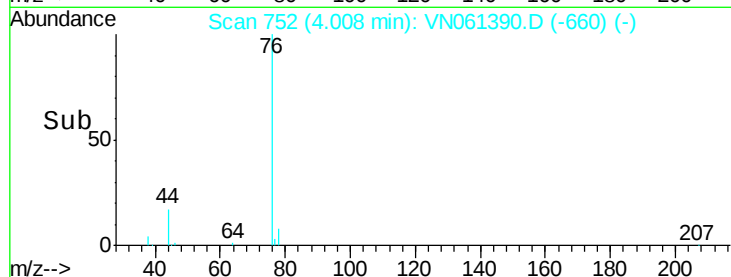
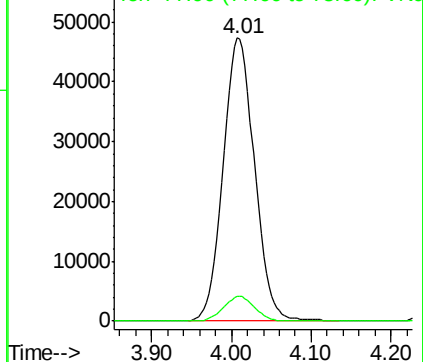
sam

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 44.288 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061390.D

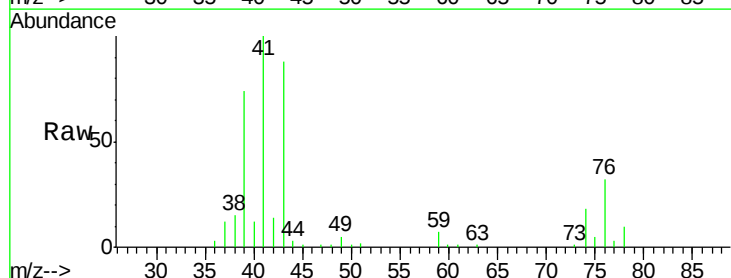
Acq: 11 May 2020 16:36

Tgt Ion: 43 Resp: 95330

Ion Ratio Lower Upper

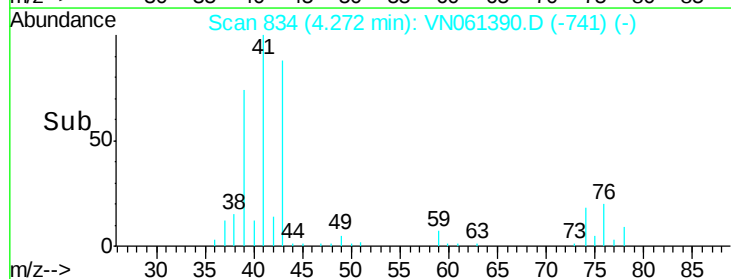
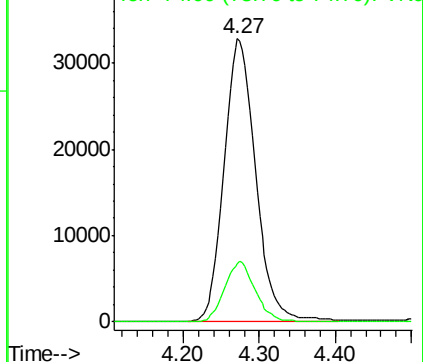
43 100

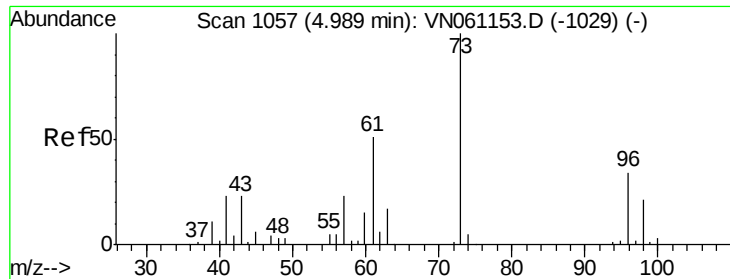
74 20.4 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





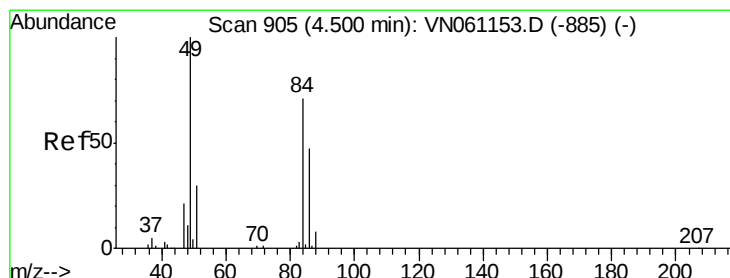
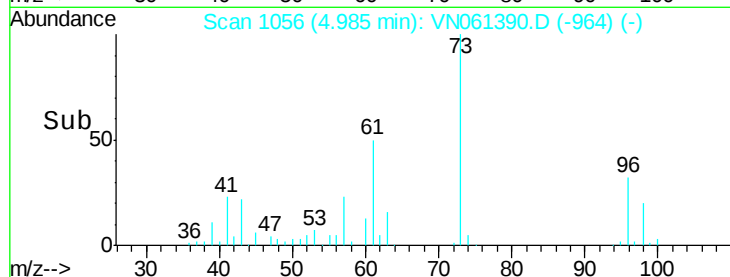
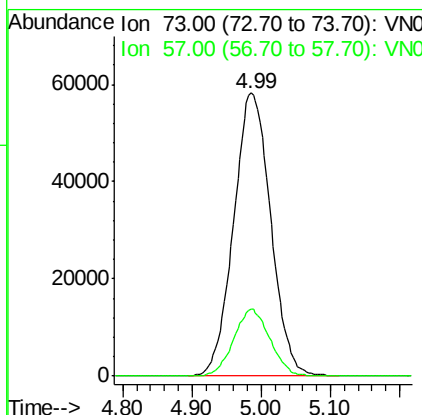
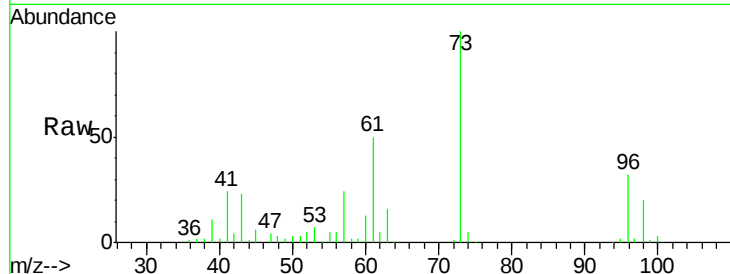
#19
Methyl tert-butyl Ether
Concen: 49.872 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 217062
Ion Ratio Lower Upper
73 100
57 23.9 18.3 27.5

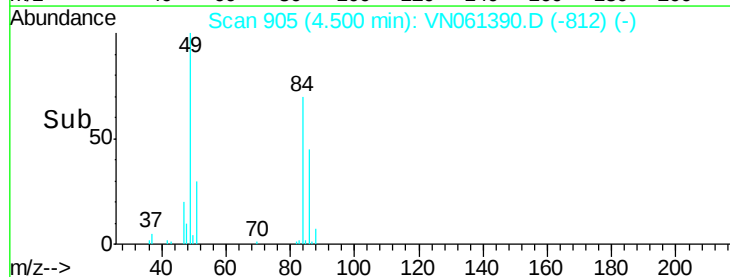
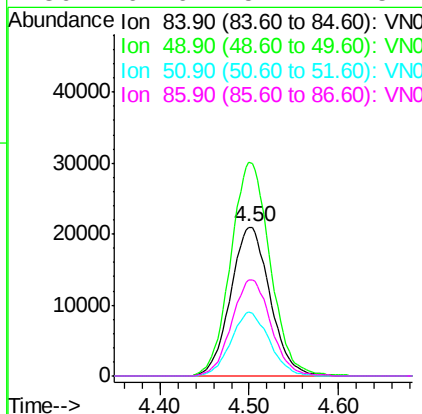
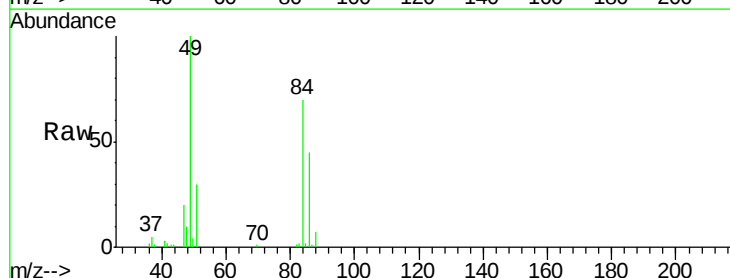
Manual Integrations
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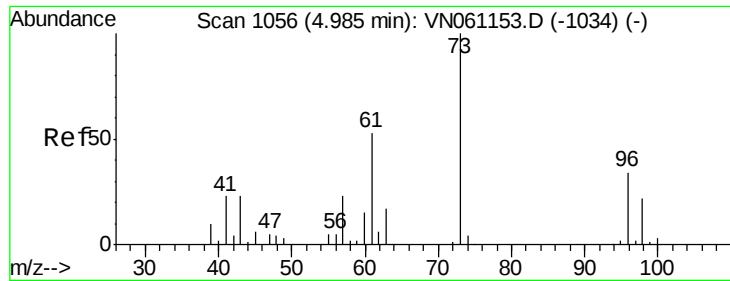
sam
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#20
Methylene Chloride
Concen: 48.340 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 84 Resp: 64390
Ion Ratio Lower Upper
84 100
49 143.6 112.0 168.0
51 43.0 33.6 50.4
86 64.6 52.1 78.1





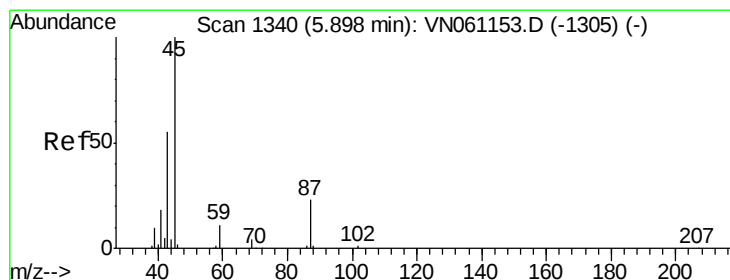
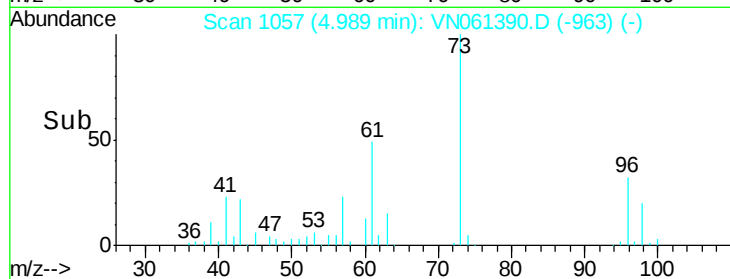
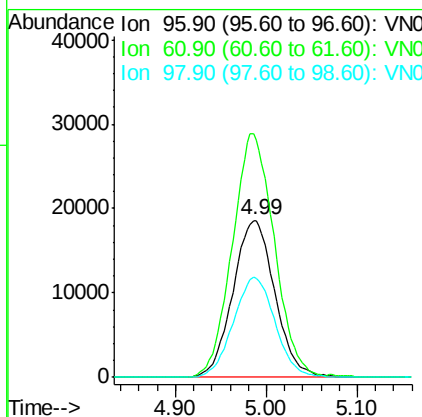
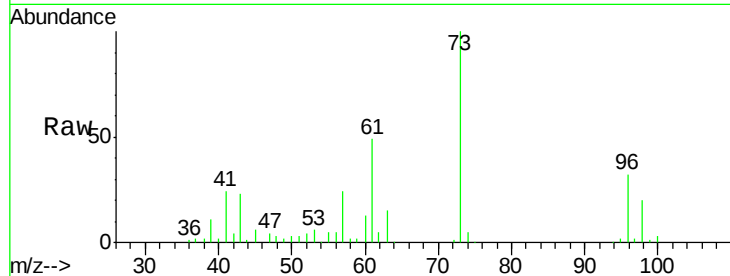
#21
trans-1,2-Dichloroethene
Concen: 47.970 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	123.0	184.4
98	63.0	50.1	75.1

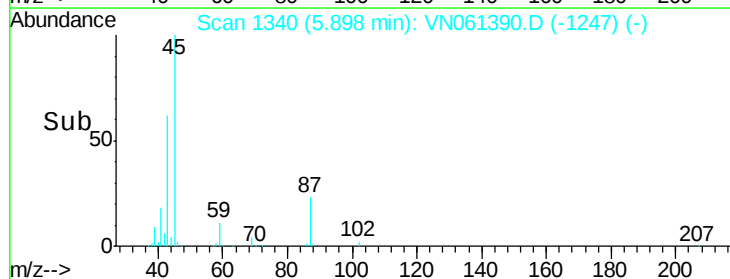
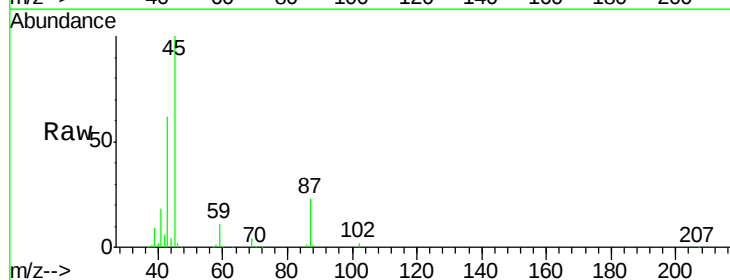
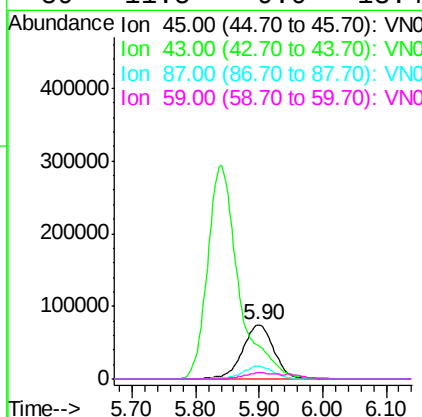
Manual Integrations
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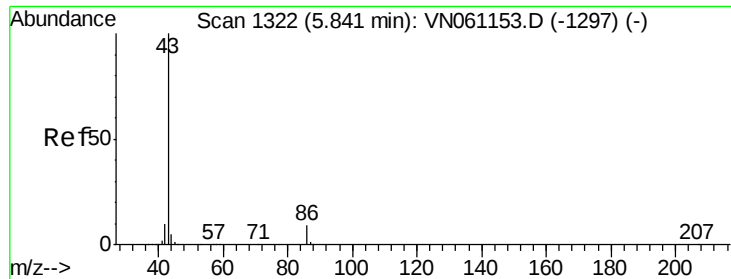
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#22
Diisopropyl ether
Concen: 51.821 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.0	47.9	71.9
87	23.2	19.2	28.8
59	11.5	9.0	13.4





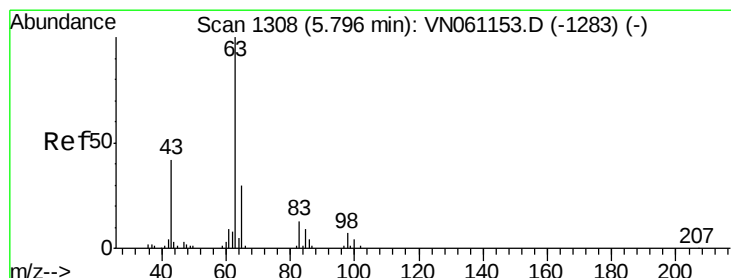
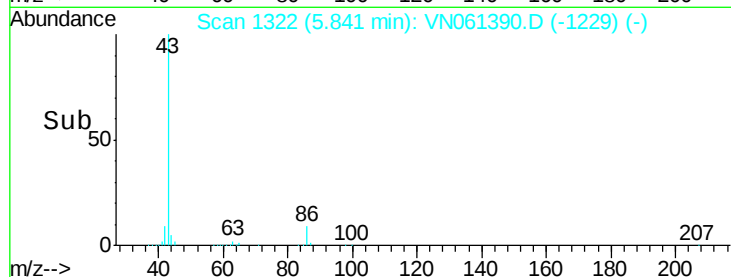
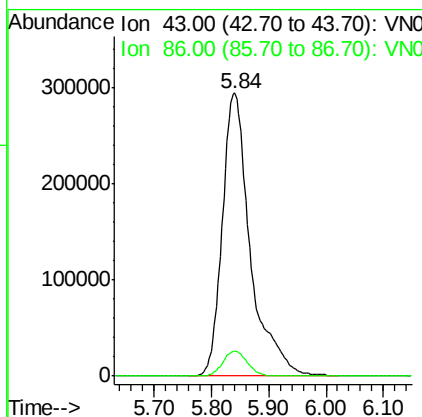
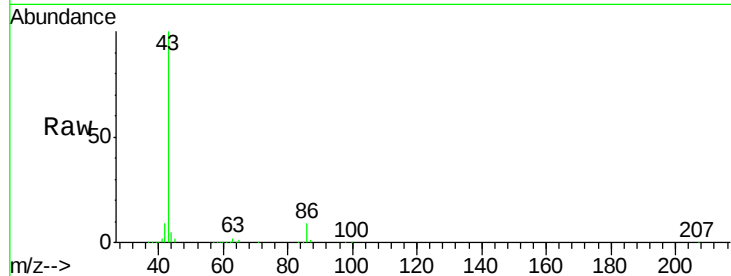
#23
 Vinyl Acetate
 Concen: 254.264 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1002663
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.2 10.8

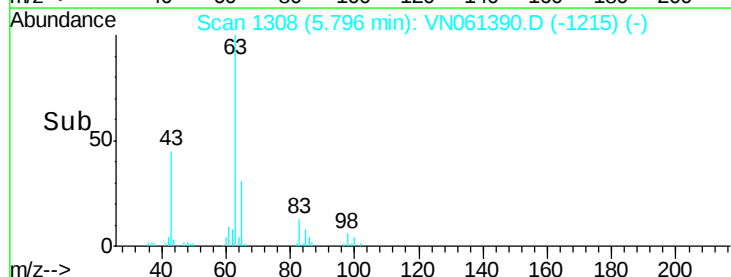
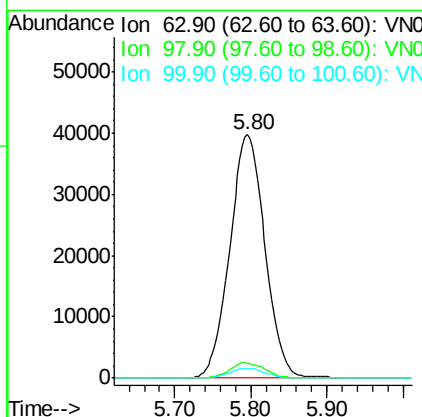
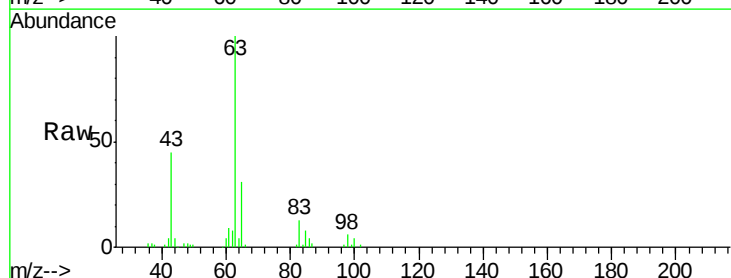
Manual Integrations
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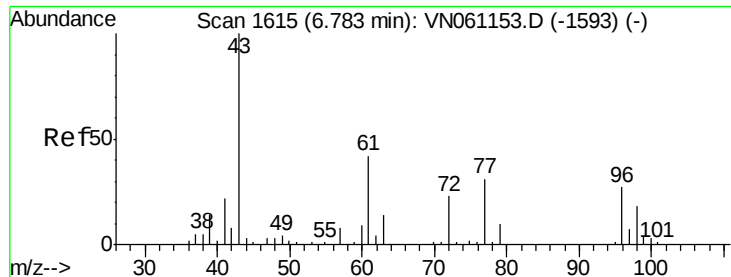
sam
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#24
 1,1-Dichloroethane
 Concen: 49.879 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 63 Resp: 127633
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.8 1.9 5.7





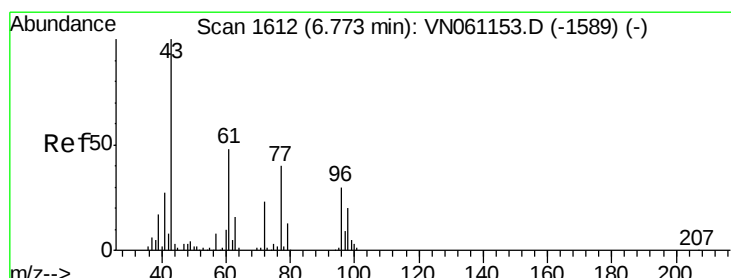
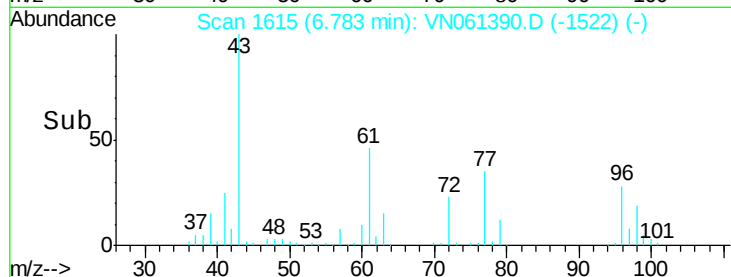
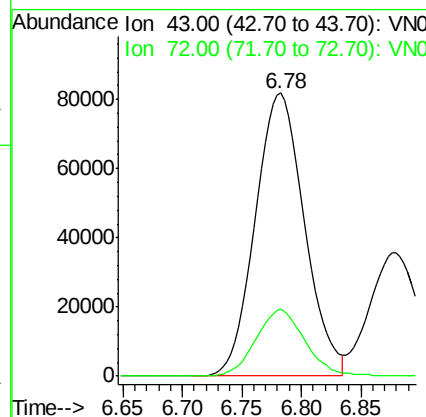
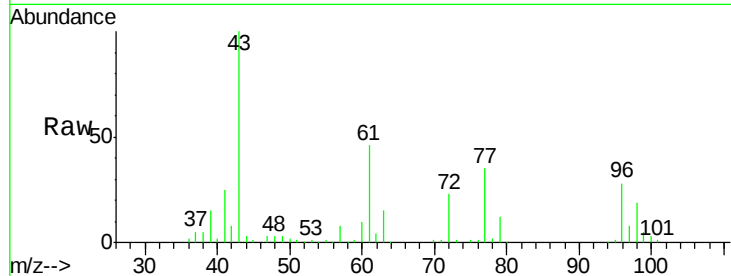
#25
2-Butanone
Concen: 232.108 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 234618
Ion Ratio Lower Upper
43 100
72 23.5 18.2 27.4

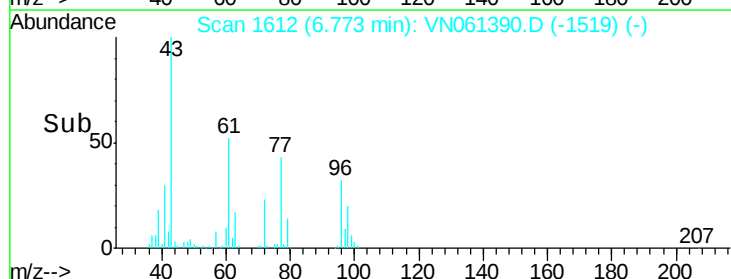
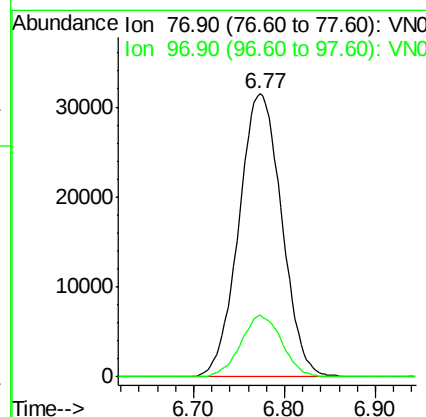
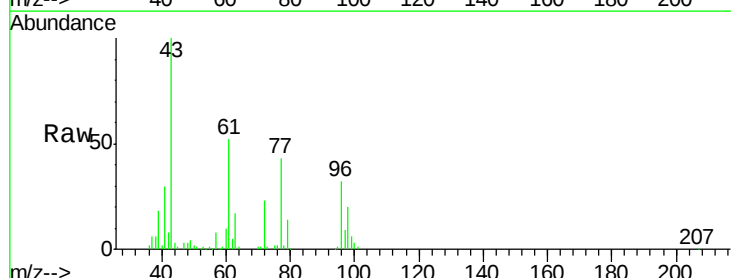
Manual Integrations
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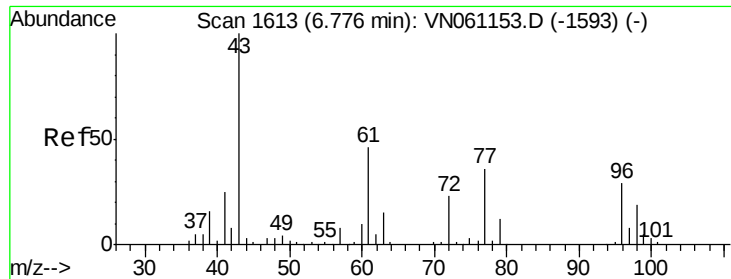
sam
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#26
2,2-Dichloropropane
Concen: 47.788 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 77 Resp: 102999
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 48.835 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

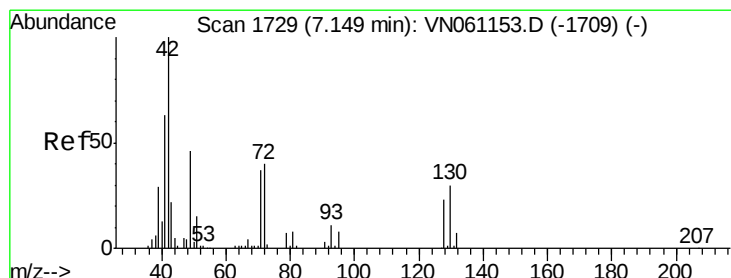
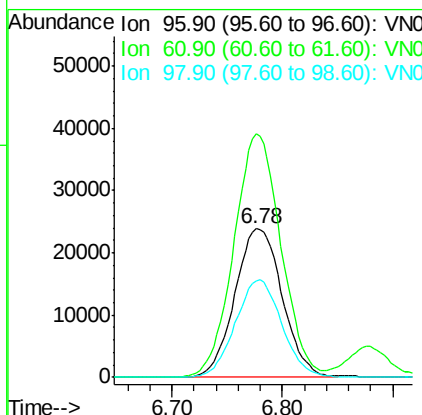
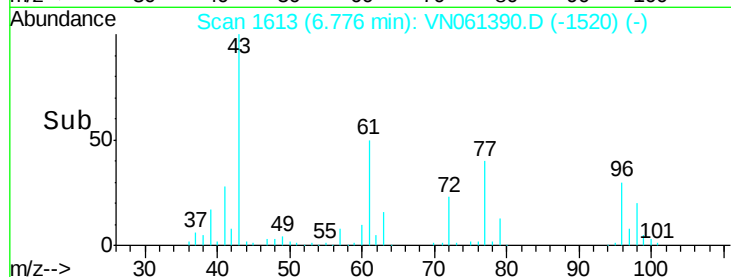
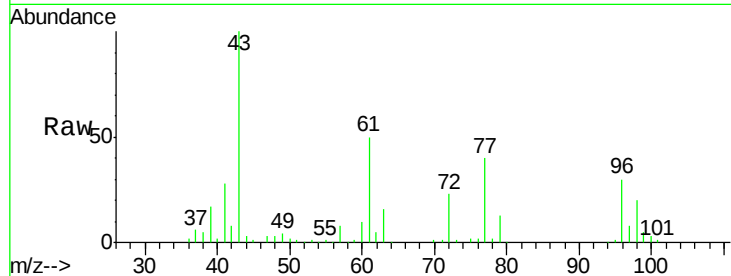
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	71081
Ion	Ratio	Lower	Upper
96	100		
61	162.3	0.0	322.0
98	64.3	0.0	129.6

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#28

Bromochloromethane

Concen: 54.982 ug/l

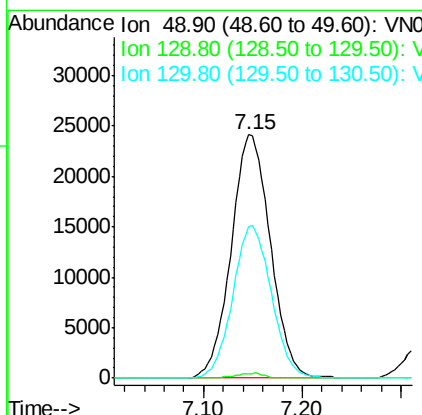
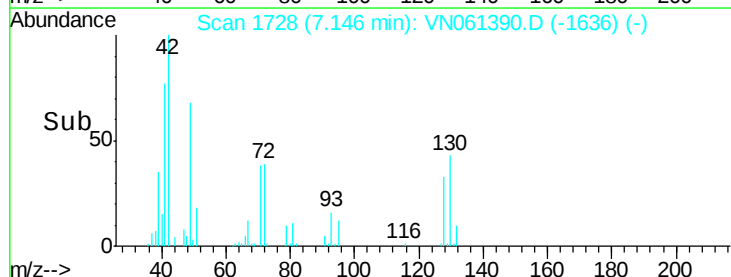
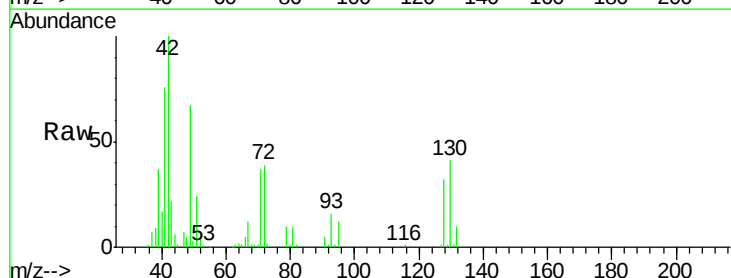
RT: 7.15 min Scan# 1728

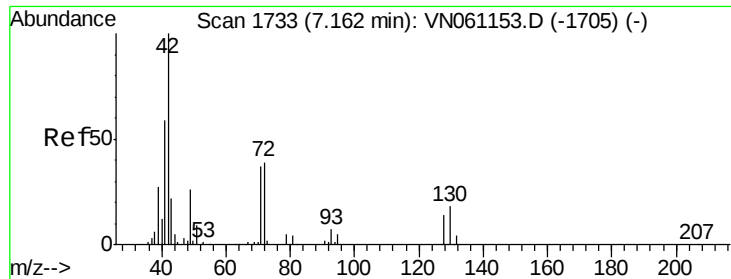
Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion:	49	Resp:	66685
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.0
130	61.4	51.4	77.2





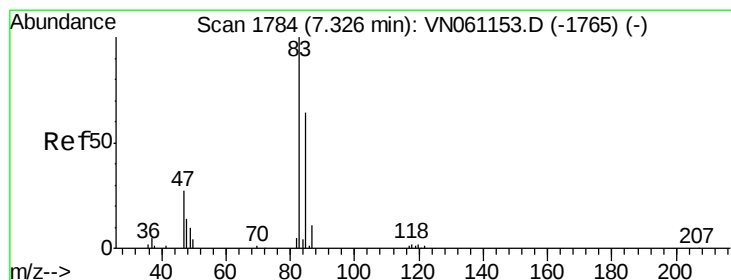
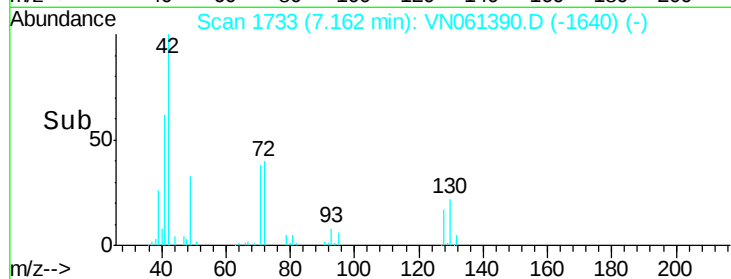
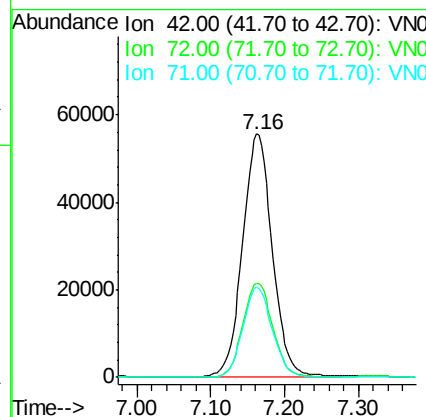
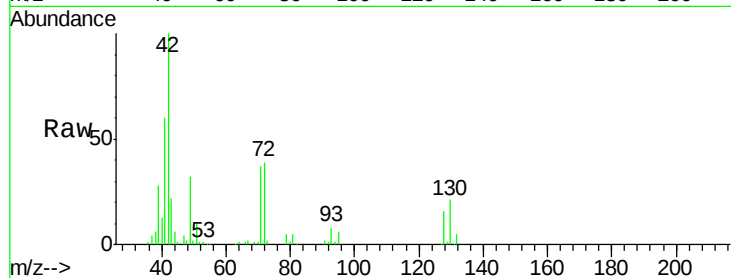
#29
Tetrahydrofuran
Concen: 231.246 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.8	31.4	47.0
71	36.2	29.5	44.3

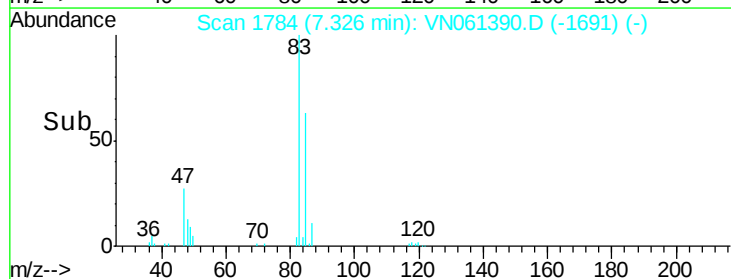
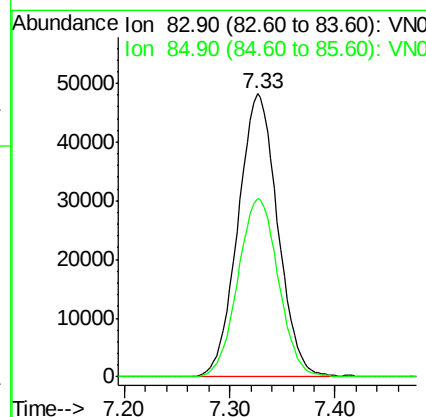
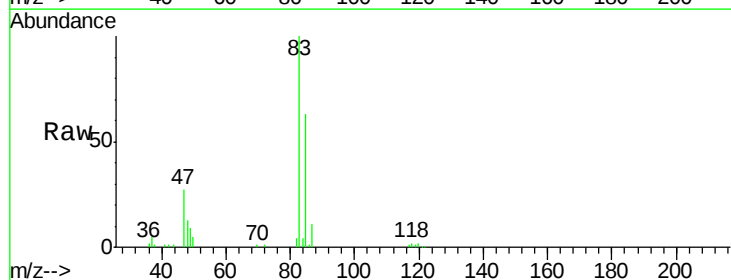
Manual Integrations
APPROVED

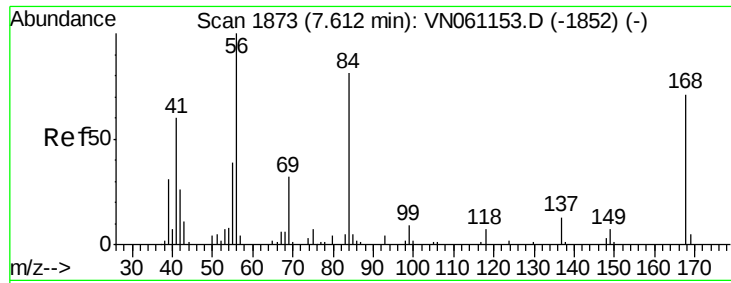
sam
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#30
Chloroform
Concen: 48.587 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.1	76.7





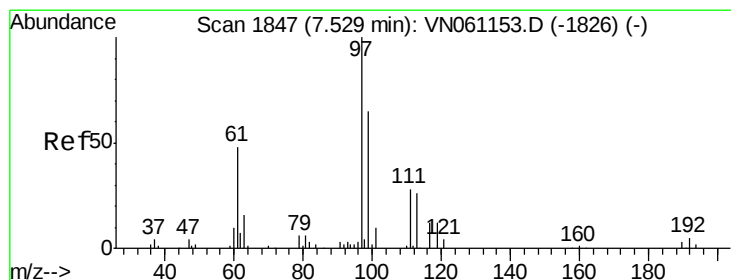
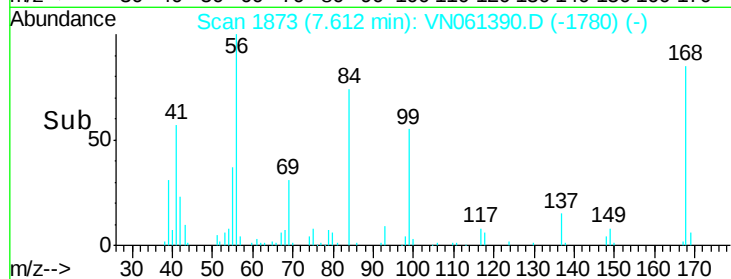
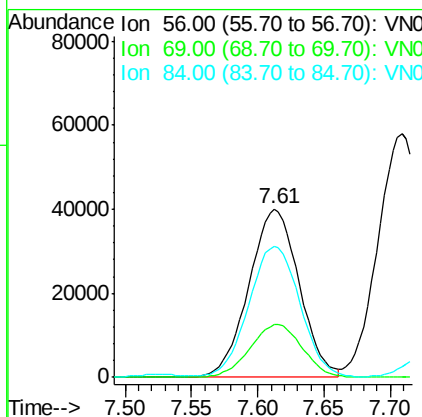
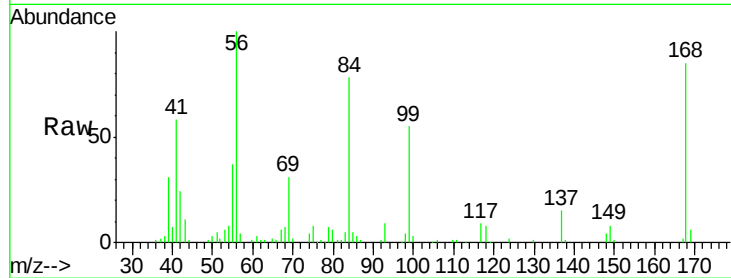
#31
Cyclohexane
Concen: 42.443 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.7	38.5
84	76.9	64.6	97.0

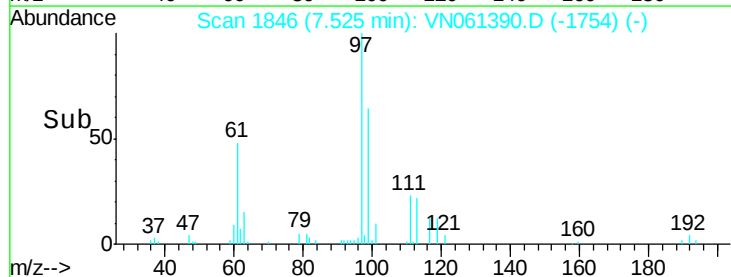
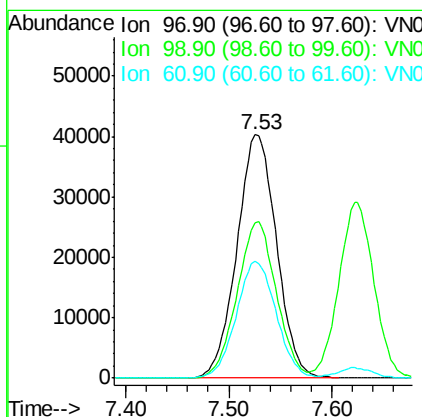
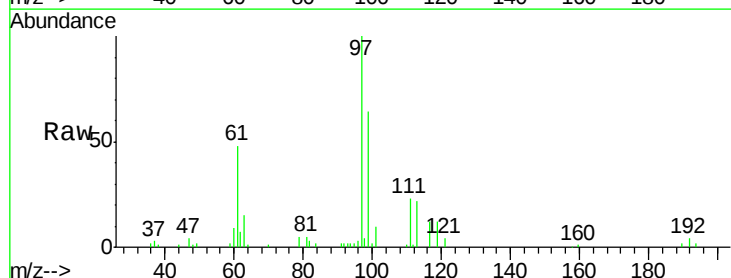
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 47.706 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	48.3	38.6	57.8





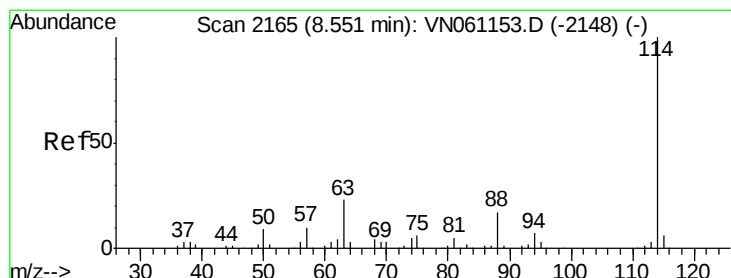
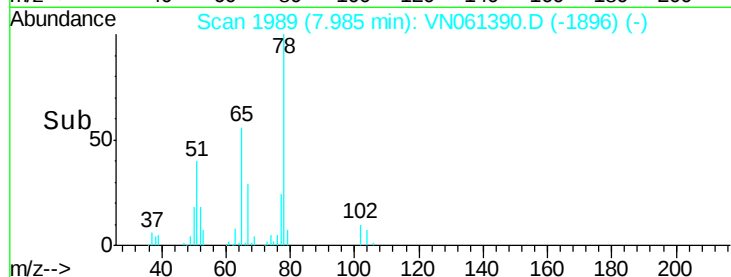
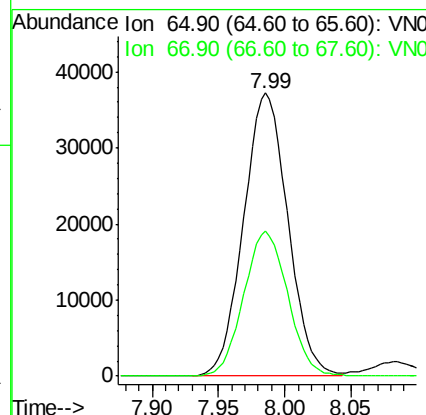
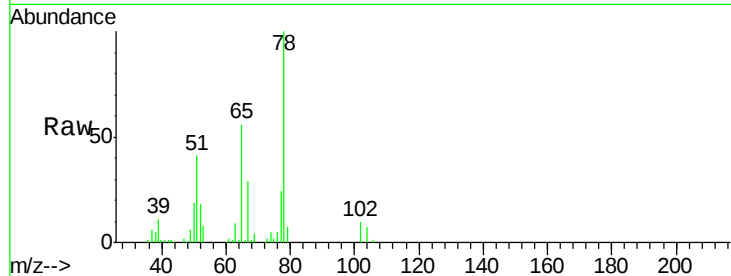
#33
 1,2-Dichloroethane-d4
 Concen: 50.652 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	86525		
67	50.8	0.0	101.6	

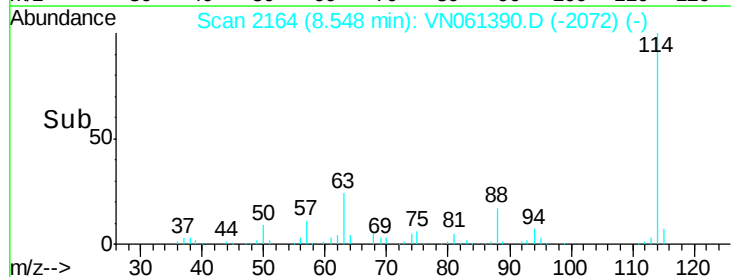
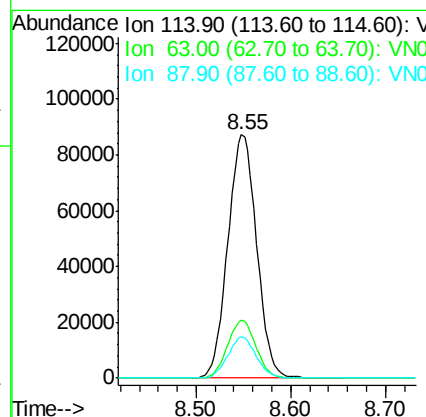
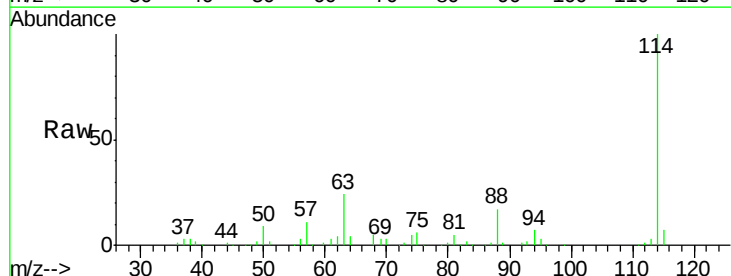
Manual Integrations
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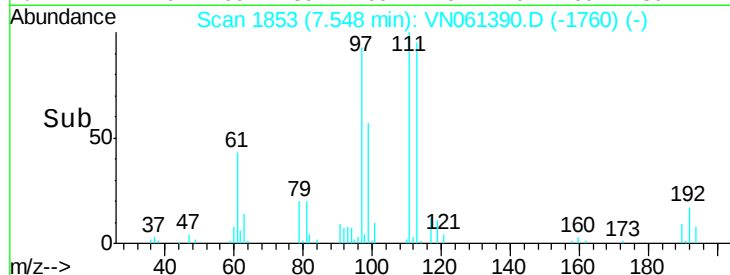
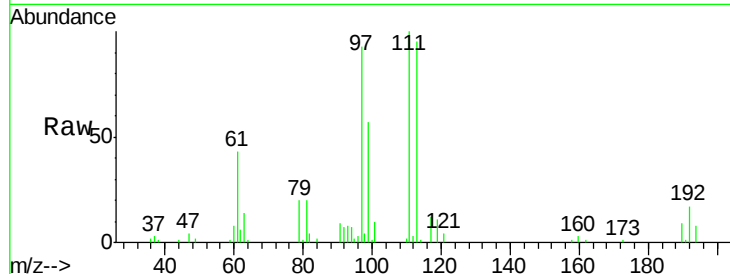
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	184801		
63	23.8	0.0	46.6	
88	16.9	0.0	33.4	





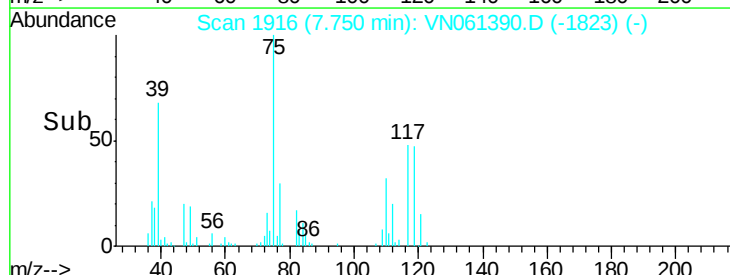
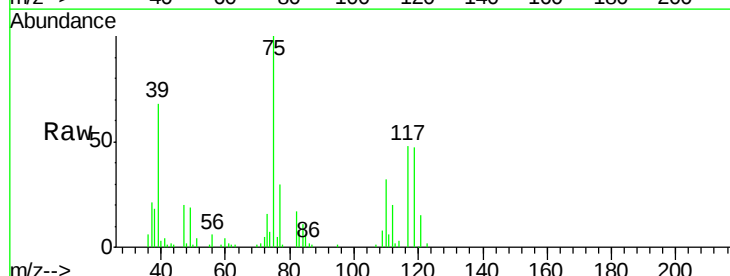
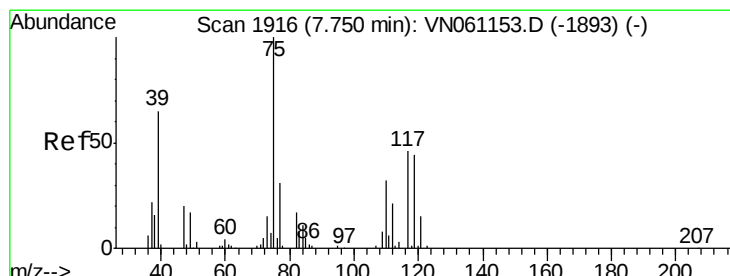
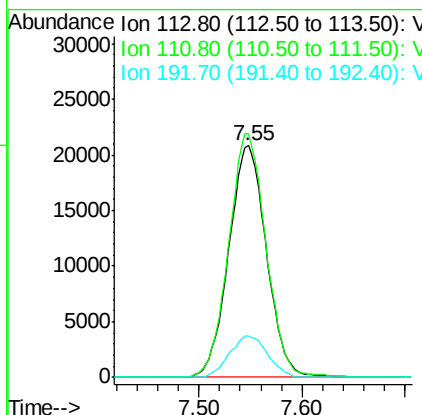
#35
Dibromofluoromethane
Concen: 48.466 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.9	124.3
192	18.0	14.7	22.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

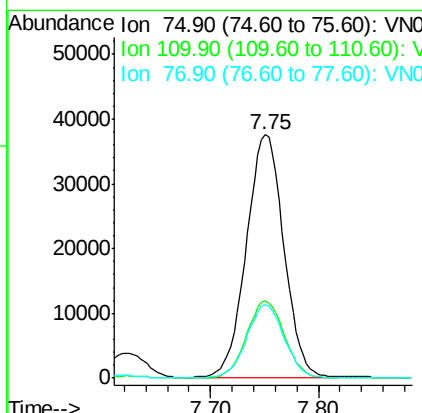
Manual Integrations
APPROVED

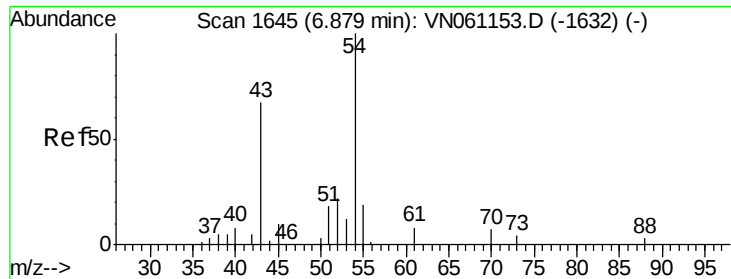
sam
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#36
1,1-Dichloropropene
Concen: 49.245 ug/l
RT: 7.75 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.8	16.0	48.0
77	30.3	24.6	37.0





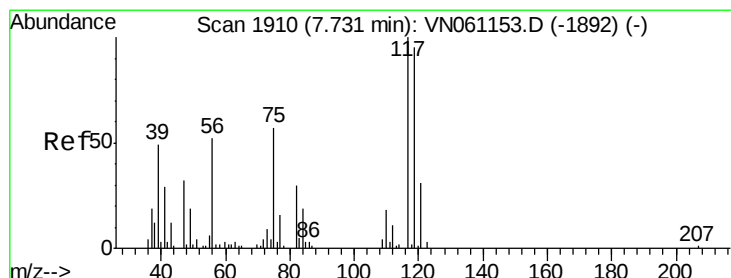
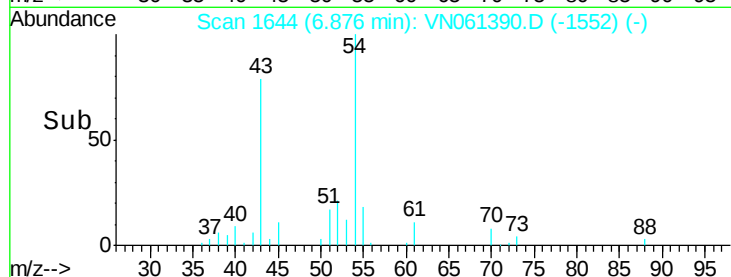
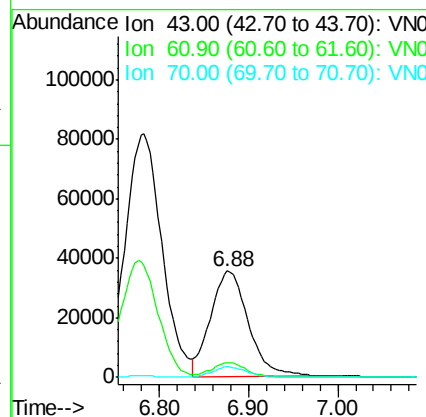
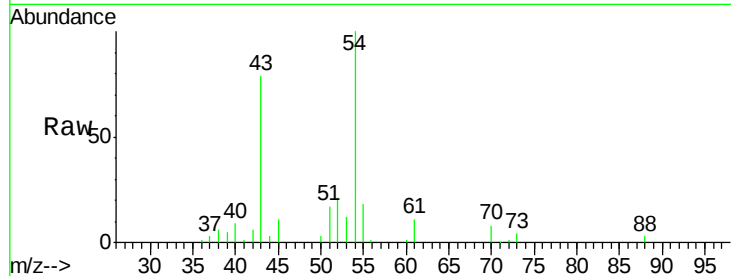
#37
Ethyl Acetate
Concen: 48.305 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.2
70	9.0	7.2	10.8

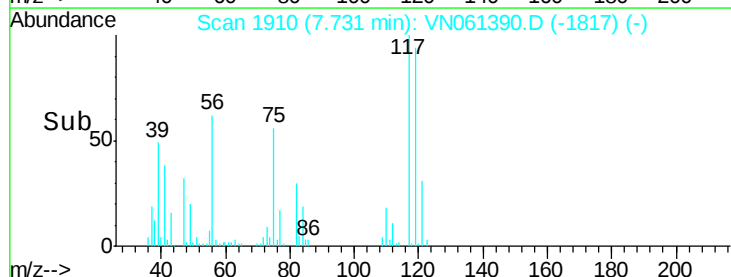
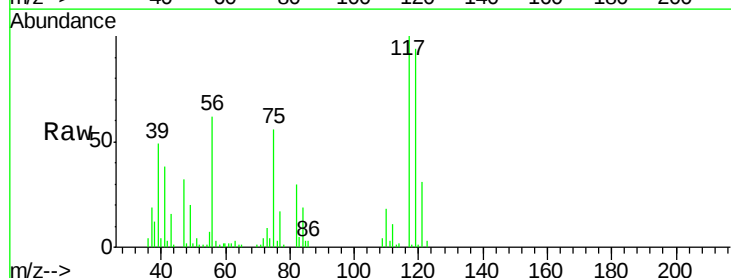
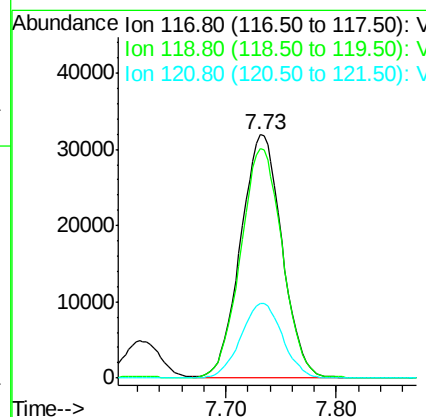
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 49.160 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.6
121	30.6	24.7	37.1





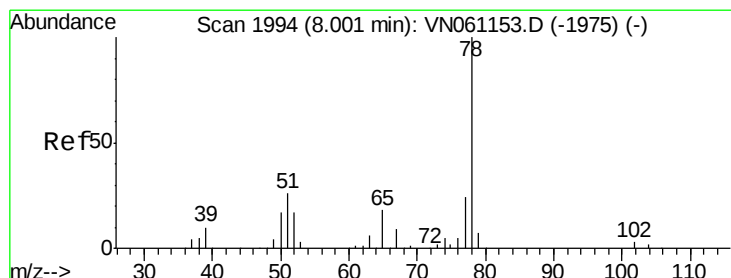
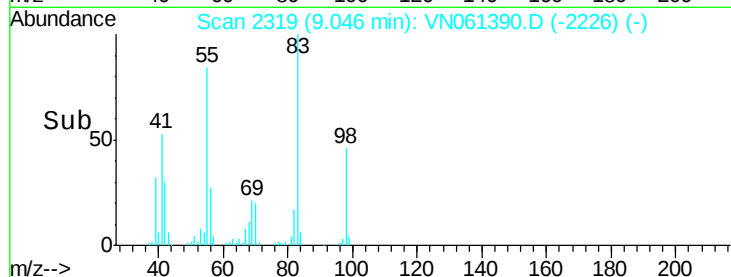
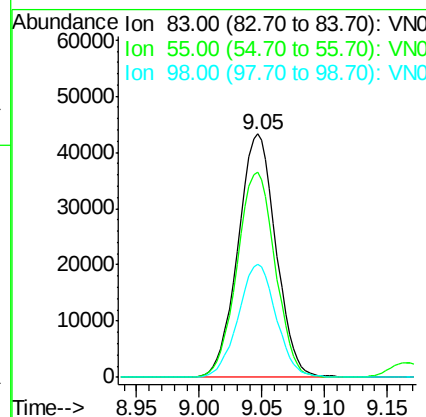
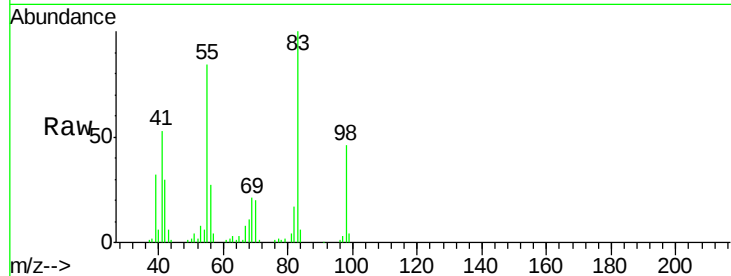
#39
Methvlcvclohexane
Concen: 43.775 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	84.1	67.3	100.9	
98	46.4	37.7	56.5	

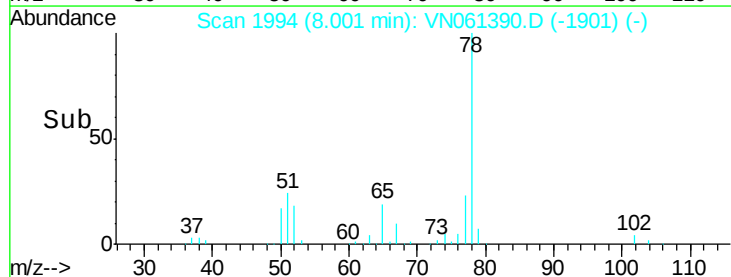
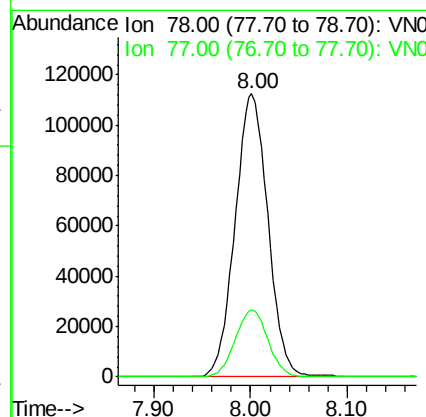
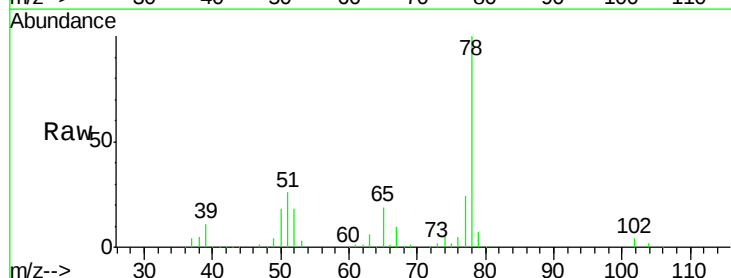
Manual Integrations
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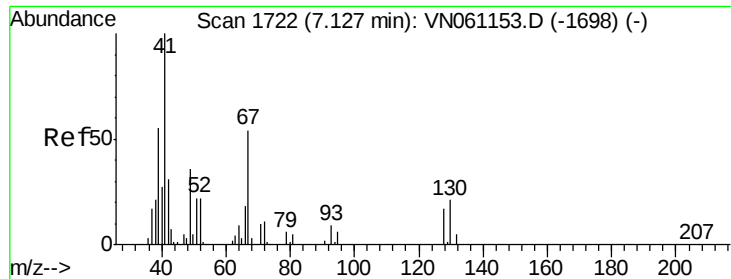
sam
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#40
Benzene
Concen: 48.212 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	19.0	28.6	





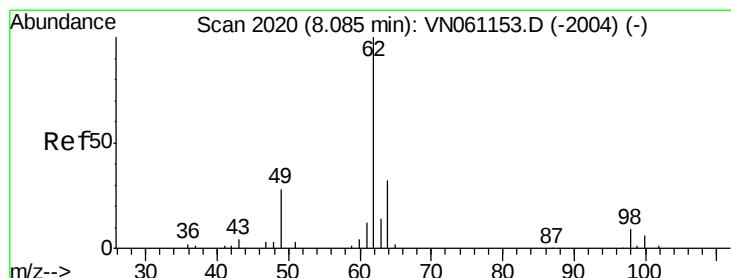
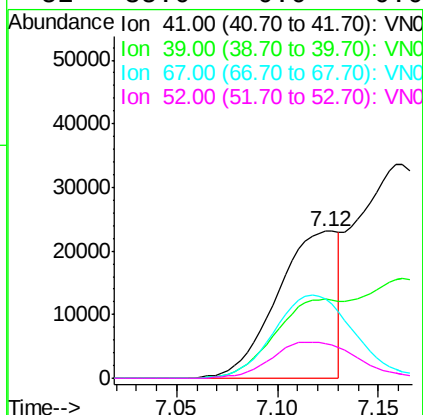
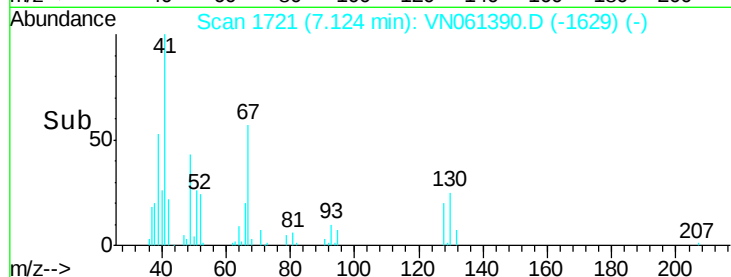
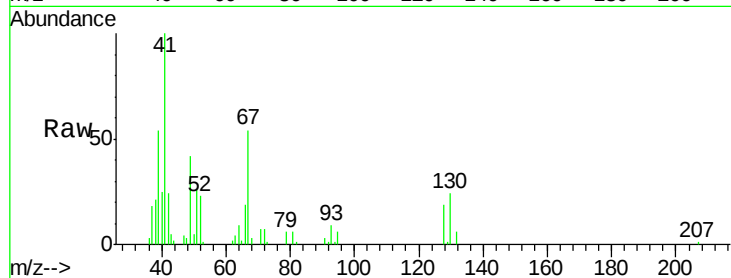
#41
Methacrylonitrile
Concen: 53.653 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	59.7	0.0	0.0#		
67	75.7	0.0	0.0#		
52	35.0	0.0	0.0#		

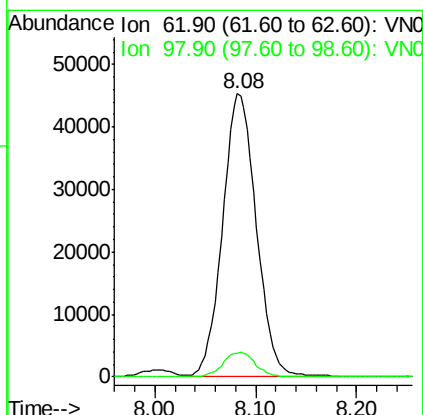
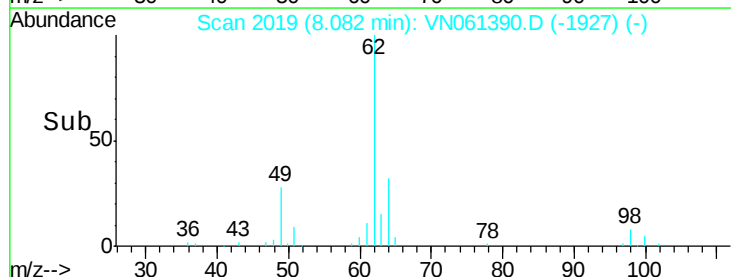
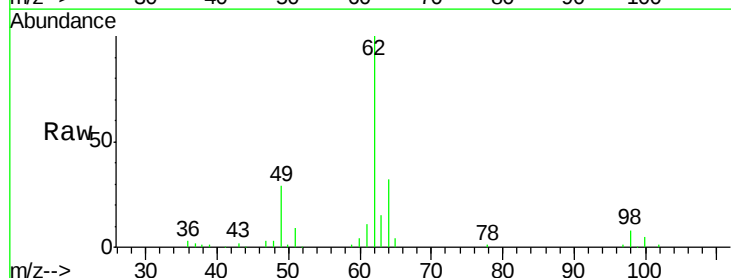
Manual Integrations
APPROVED

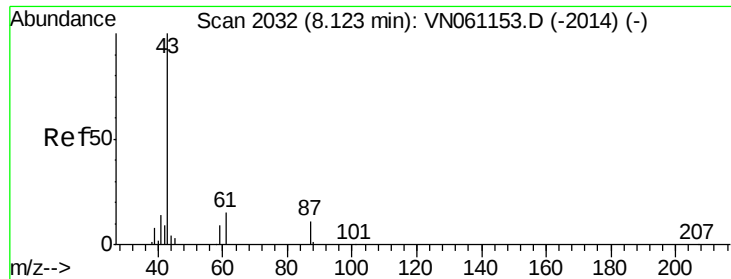
sam
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#42
1,2-Dichloroethane
Concen: 50.536 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.3	0.0	16.8		





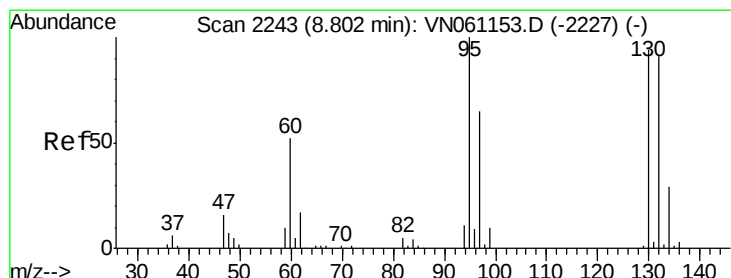
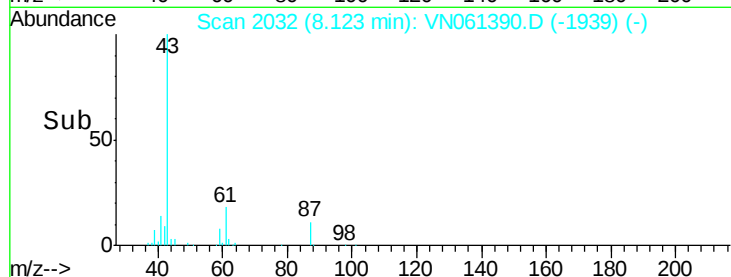
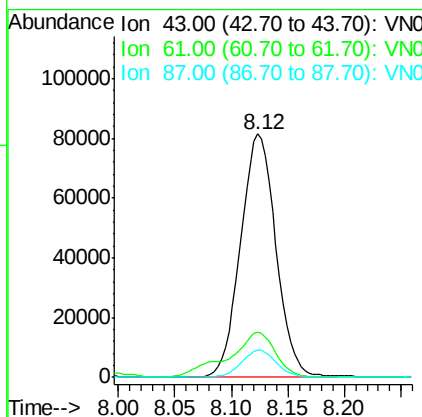
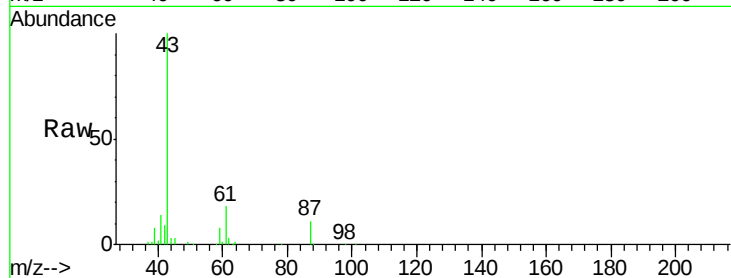
#43
Isopropyl Acetate
Concen: 49.411 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.7	19.5	29.3
87	10.9	8.9	13.3

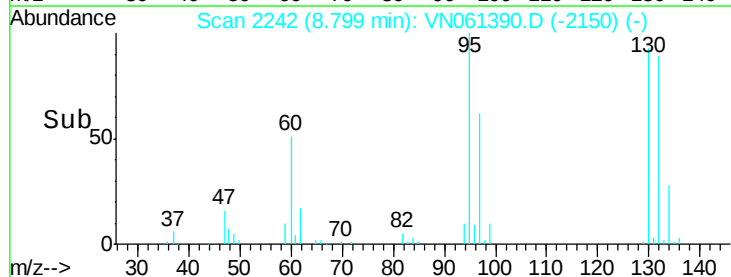
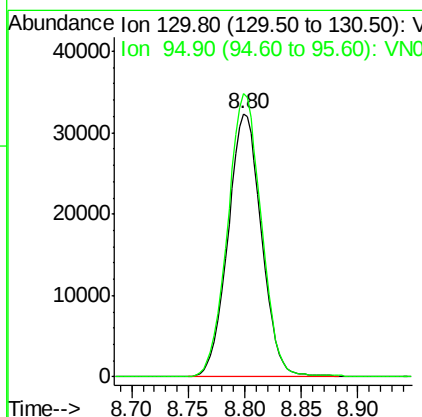
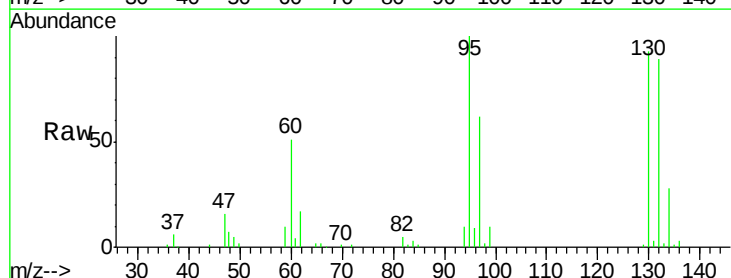
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#44
Trichloroethene
Concen: 44.771 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.4	0.0	212.4





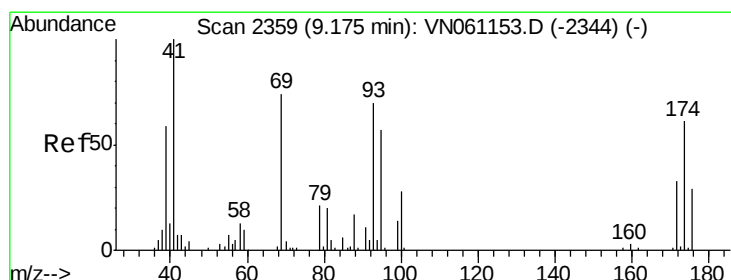
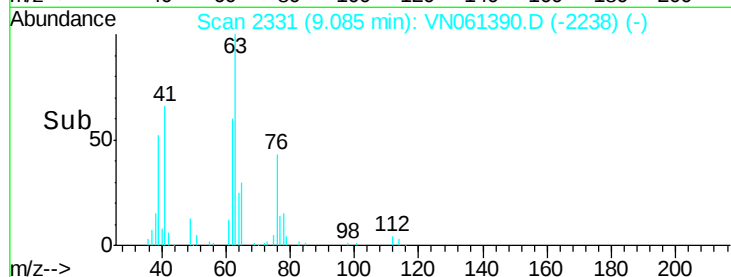
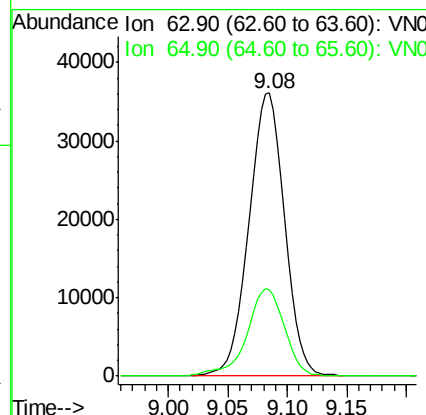
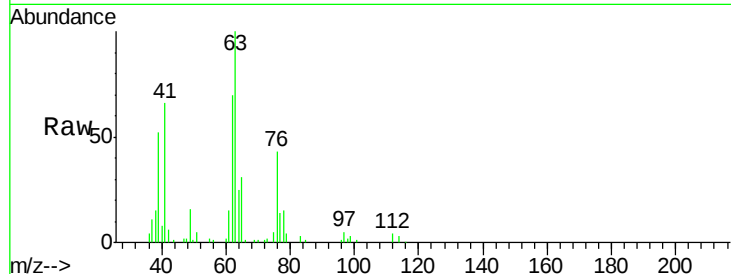
#45
 1,2-Dichloropropane
 Concen: 50.951 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 75022
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

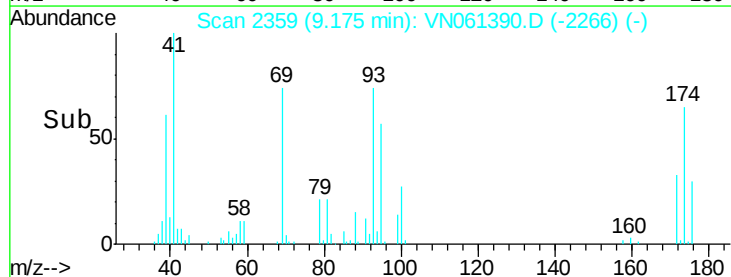
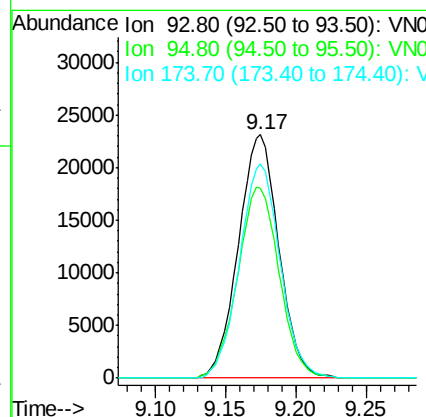
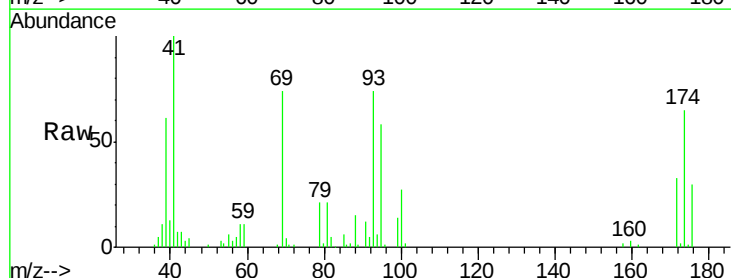
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#46
 Dibromomethane
 Concen: 50.976 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion: 93 Resp: 46474
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.6 99.8
 174 88.4 70.2 105.2





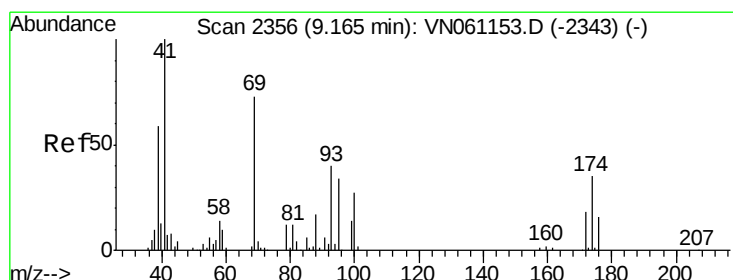
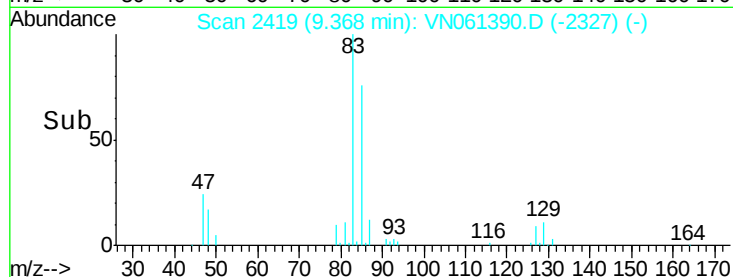
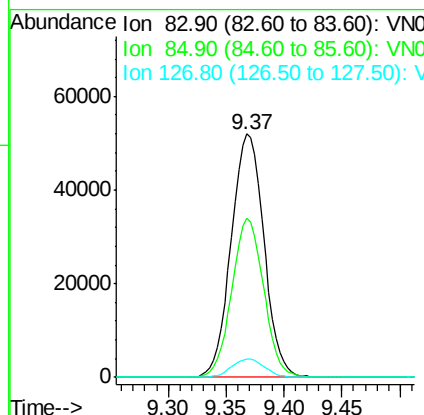
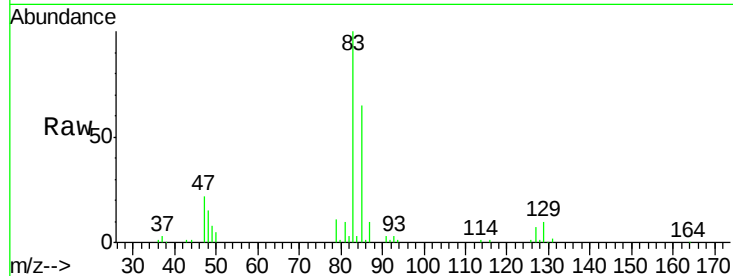
#47
Bromodichloromethane
Concen: 52.182 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	102112
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	50.4	75.6
127	7.4	6.2	9.2

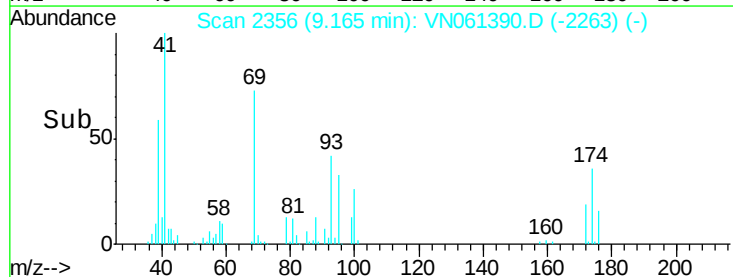
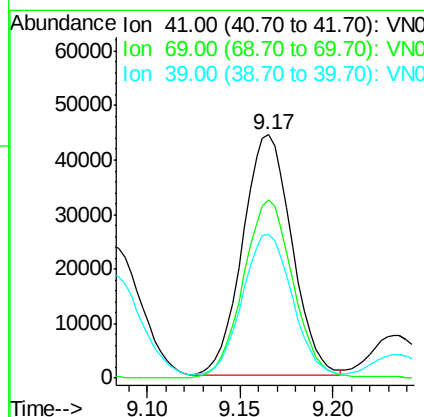
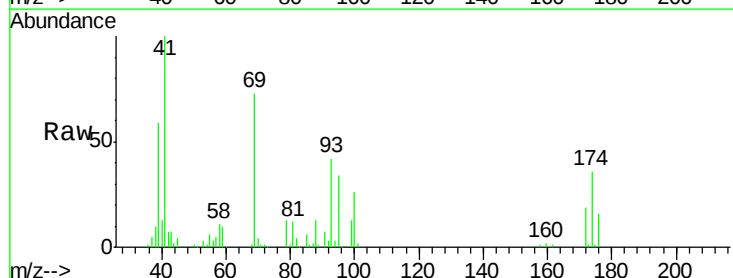
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#48
Methyl methacrylate
Concen: 50.012 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	41	Resp	81228
Ion Ratio	100	Lower	Upper
41	100		
69	75.2	60.3	90.5
39	61.5	47.4	71.0





#49

1,4-Dioxane

Concen: 700.133 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

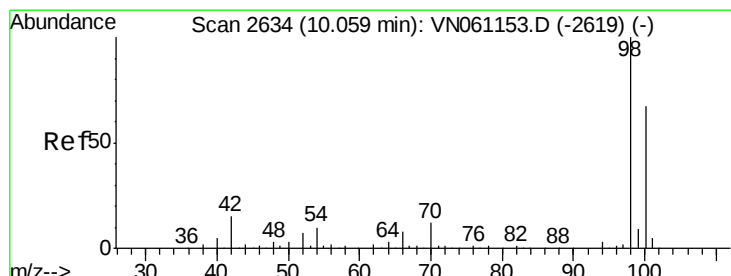
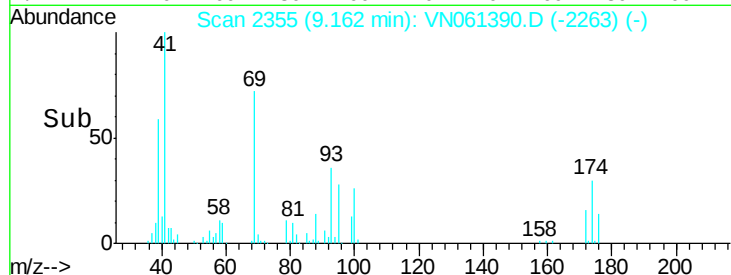
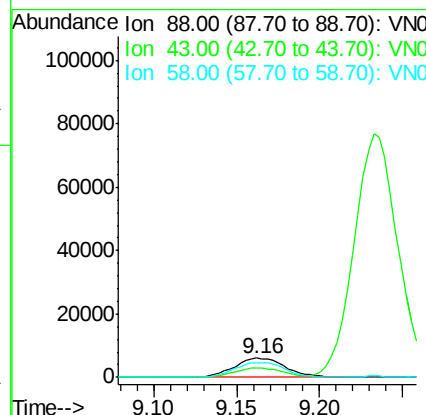
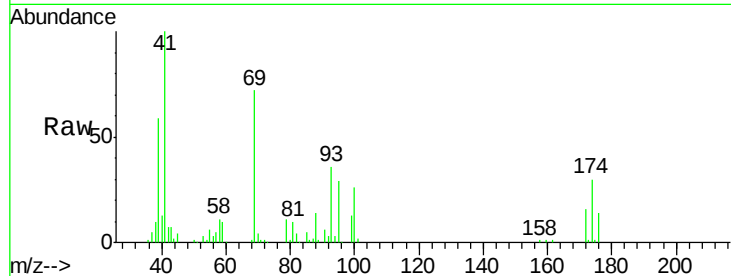
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	12908
Ion	Ratio	Lower	Upper
88	100		
43	47.3	35.3	52.9
58	77.1	61.5	92.3

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#50

Toluene-d8

Concen: 50.802 ug/l

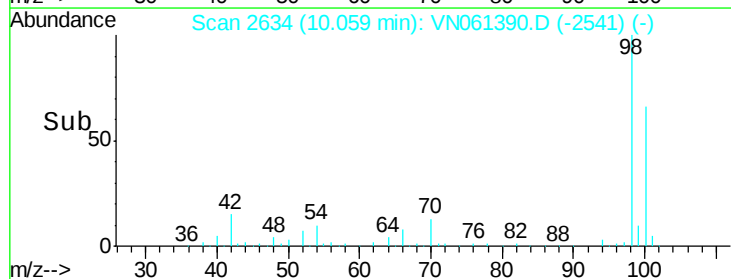
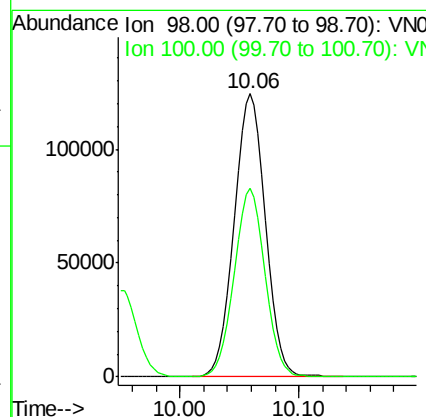
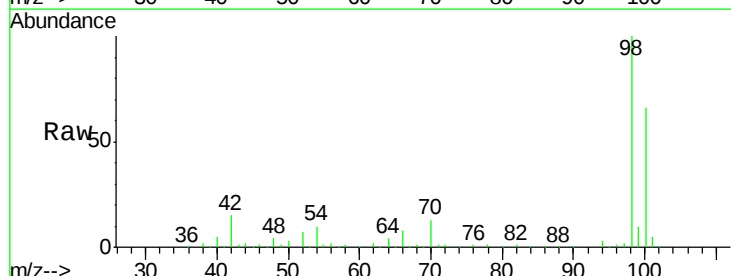
RT: 10.06 min Scan# 2634

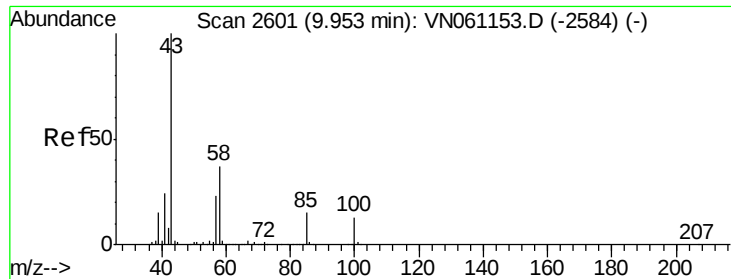
Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion:	98	Resp:	226307
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.4	80.0





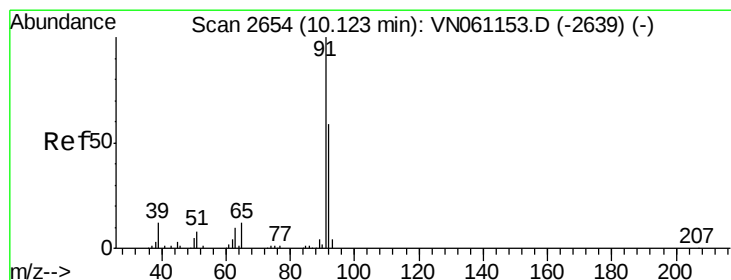
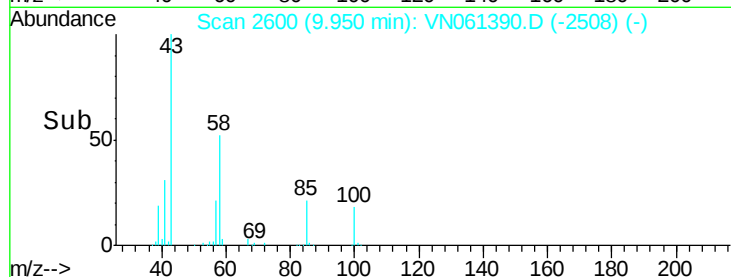
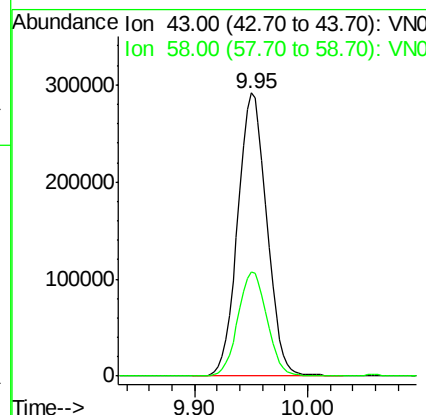
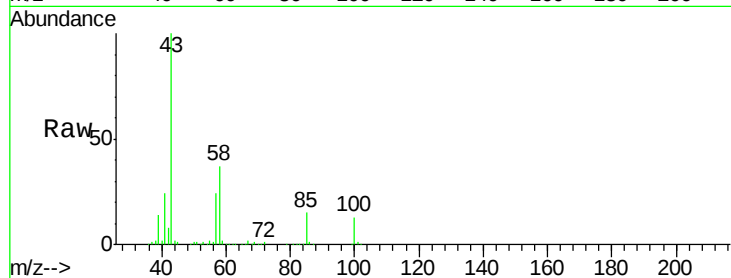
#51
4-Methyl-2-Pentanone
Concen: 246.988 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	523269
Ion Ratio	100	Lower	Upper
43	100		
58	36.7	29.1	43.7

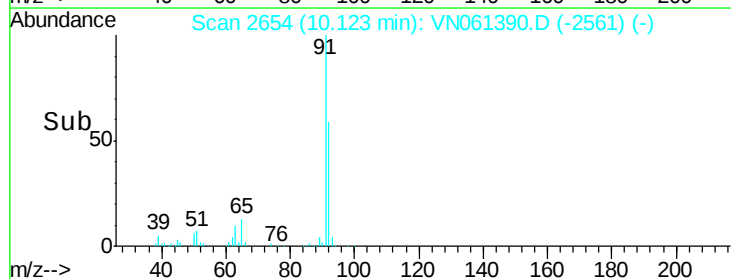
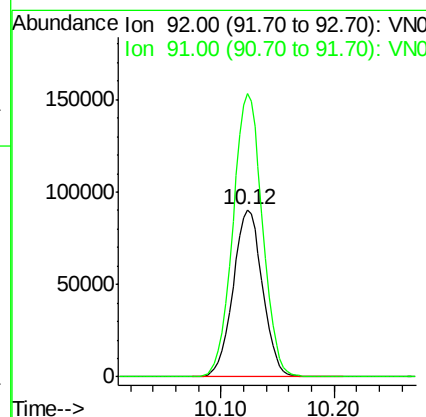
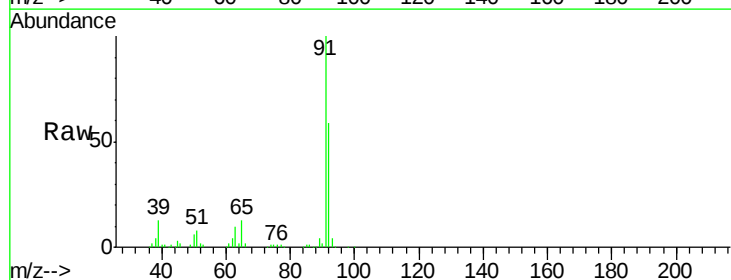
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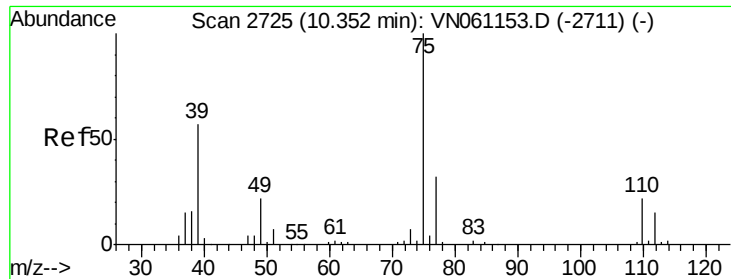
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#52
Toluene
Concen: 49.227 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	92	Resp	163418
Ion Ratio	100	Lower	Upper
92	100		
91	170.3	136.2	204.2





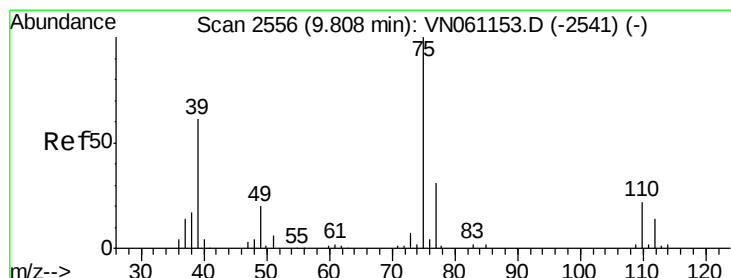
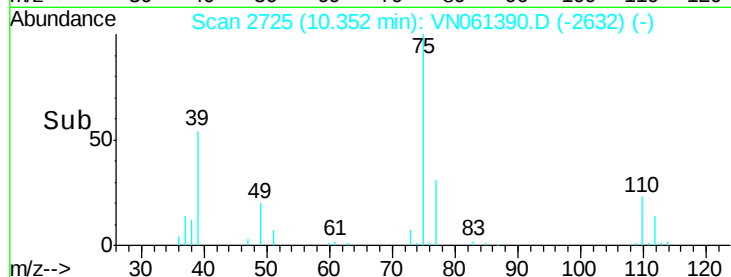
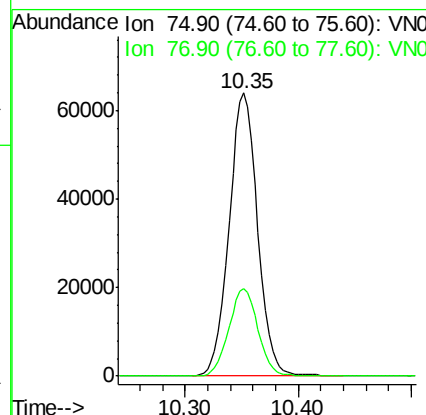
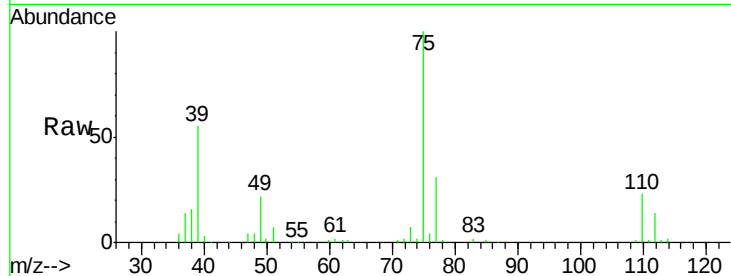
#53
 t-1,3-Dichloropropene
 Concen: 50.610 ug/l
 RT: 10.35 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3

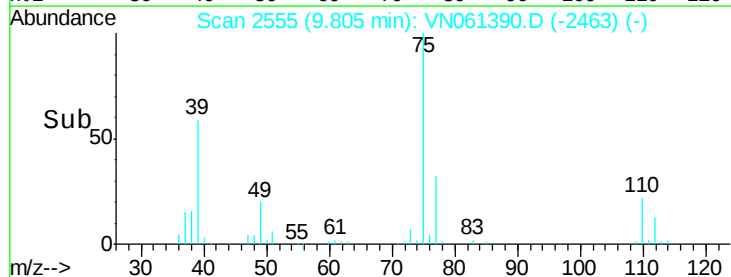
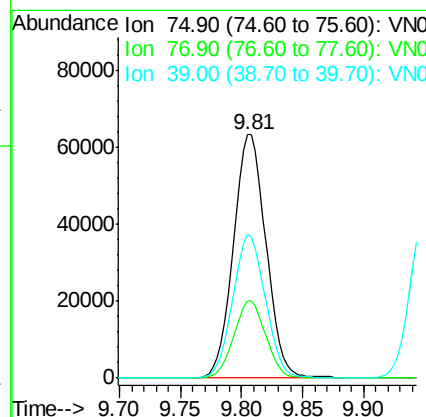
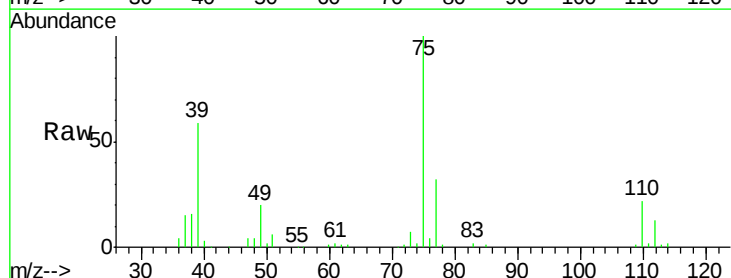
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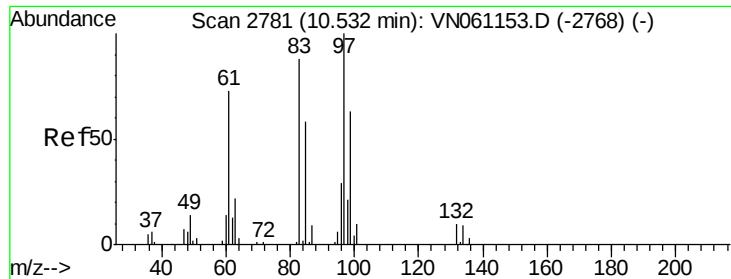
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#54
 cis-1,3-Dichloropropene
 Concen: 50.524 ug/l
 RT: 9.81 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.4
39	58.9	48.7	73.1





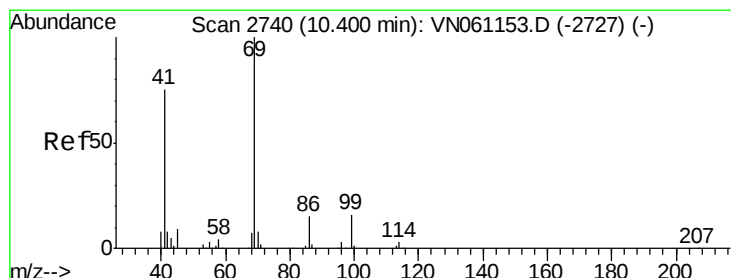
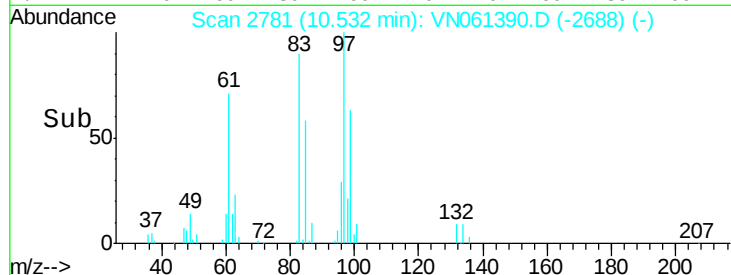
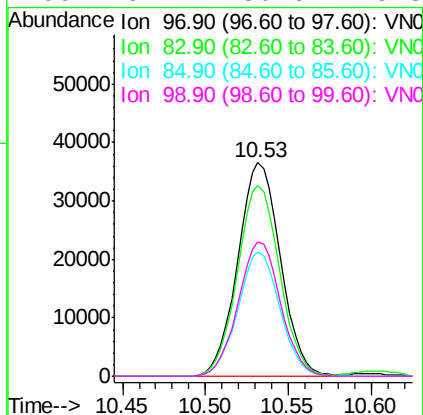
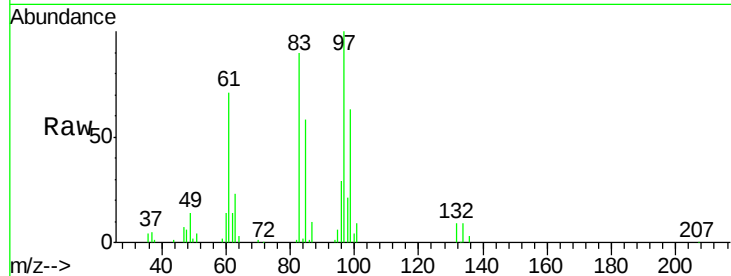
#55
 1,1,2-Trichloroethane
 Concen: 49.348 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	65343
Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.6	106.0
85	58.1	46.4	69.6
99	62.7	50.6	75.8

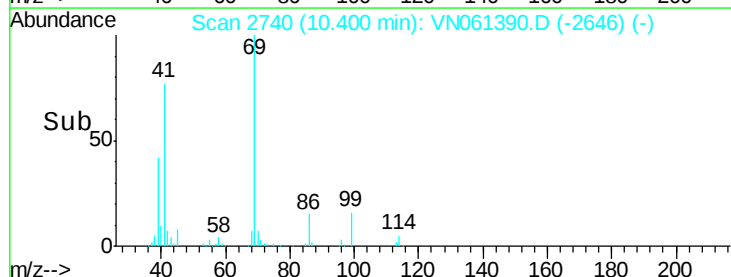
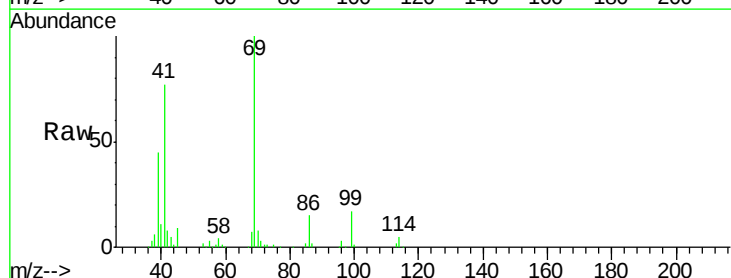
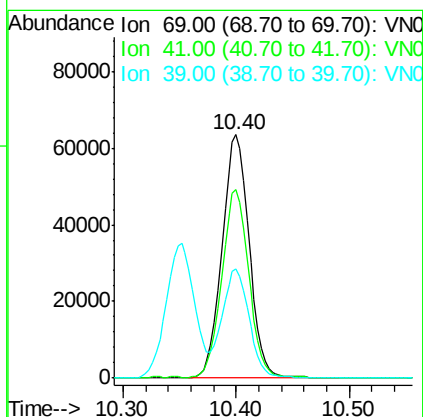
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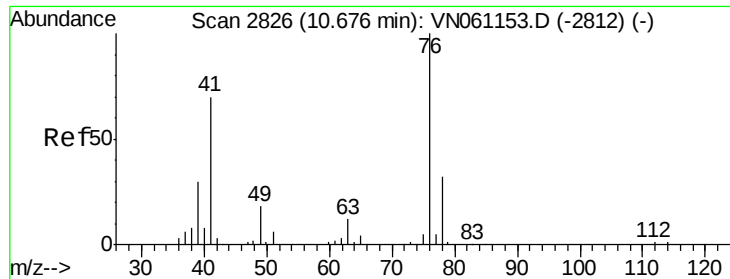
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#56
 Ethyl methacrylate
 Concen: 46.072 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion:	69	Resp:	105785
Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.3	90.5
39	44.1	35.9	53.9





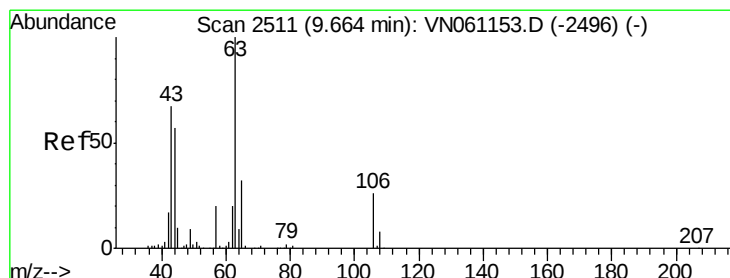
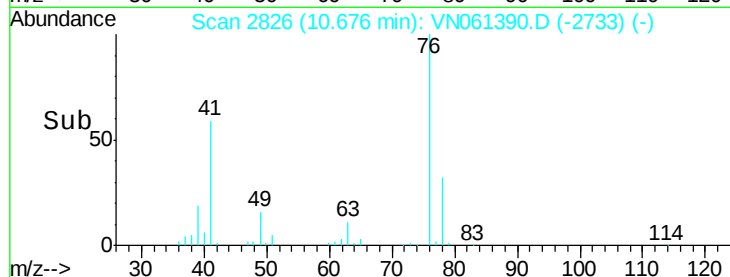
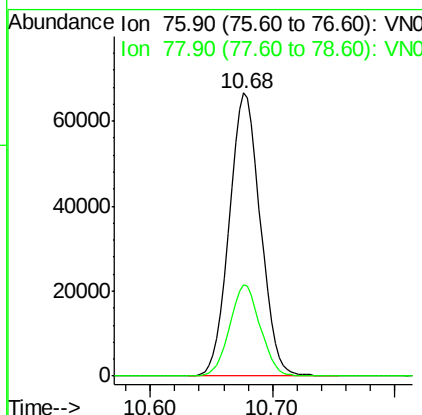
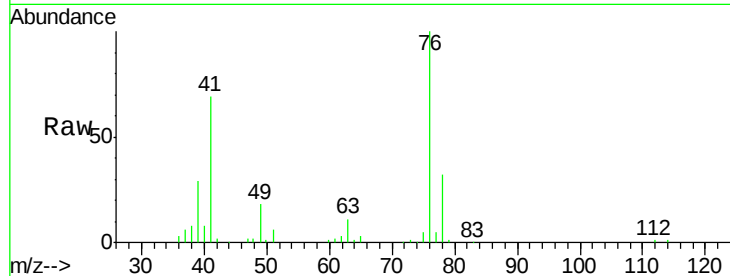
#57
 1,3-Dichloropropane
 Concen: 50.908 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.5	38.3

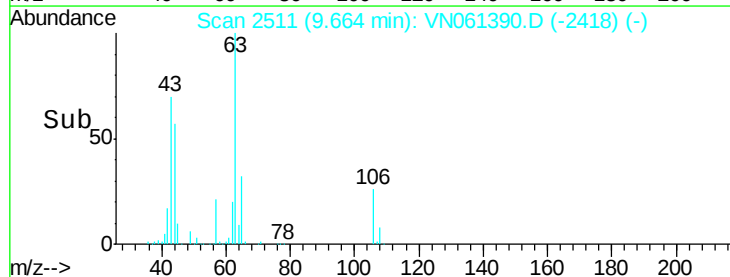
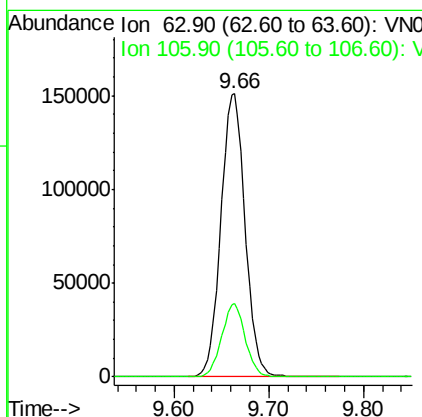
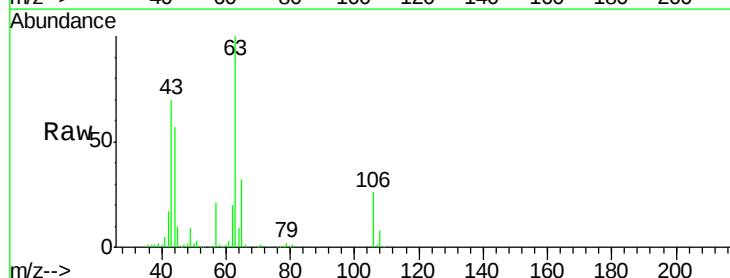
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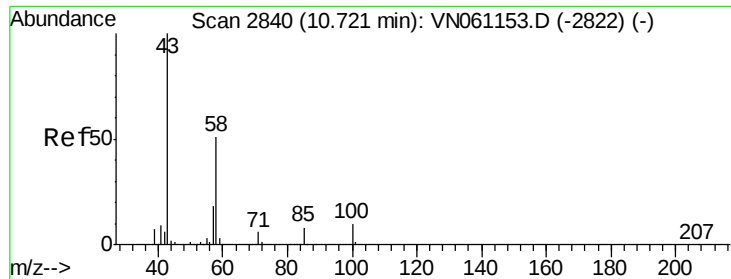
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#58
 2-Chloroethyl Vinyl ether
 Concen: 250.670 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.2	20.6	30.8





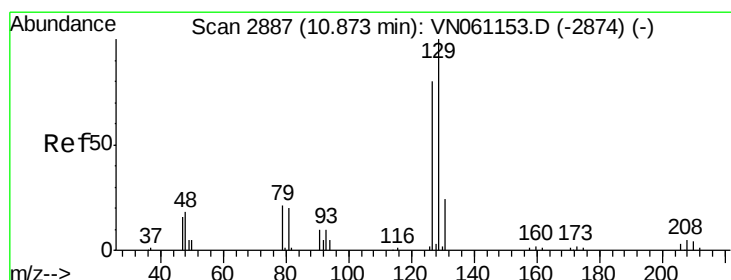
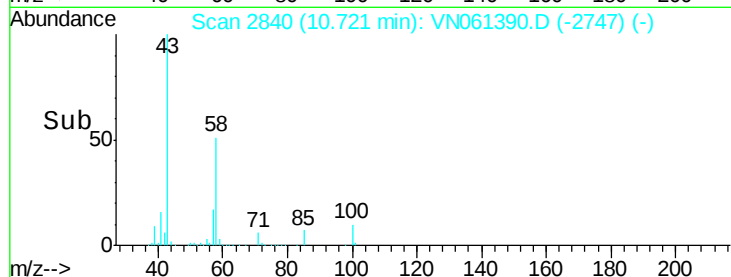
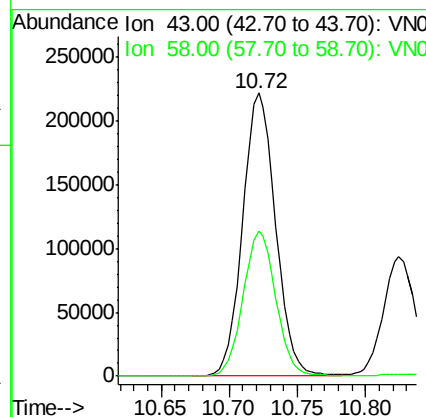
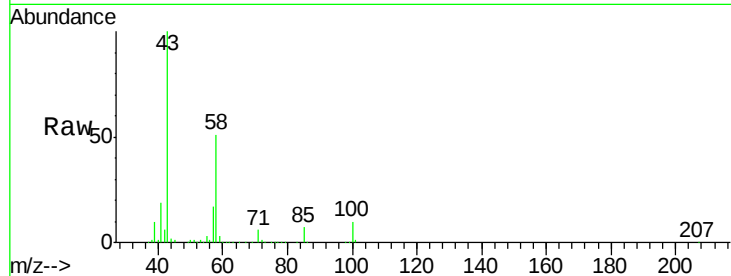
#59
2-Hexanone
Concen: 241.655 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 372468
Ion Ratio Lower Upper
43 100
58 50.9 25.4 76.4

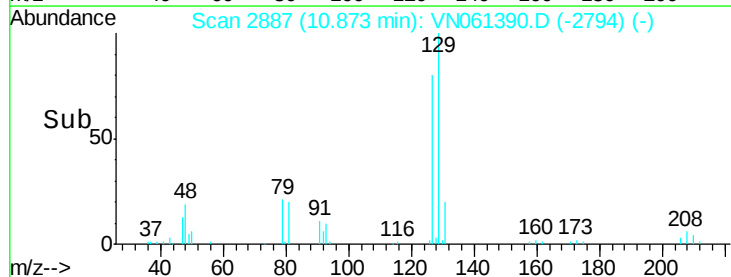
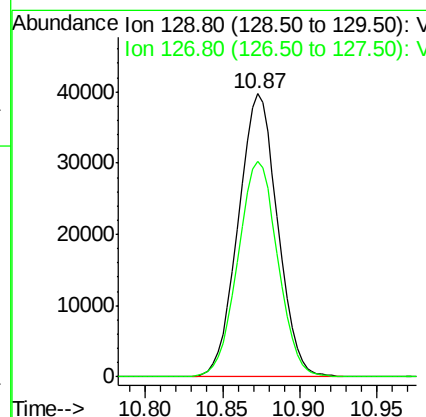
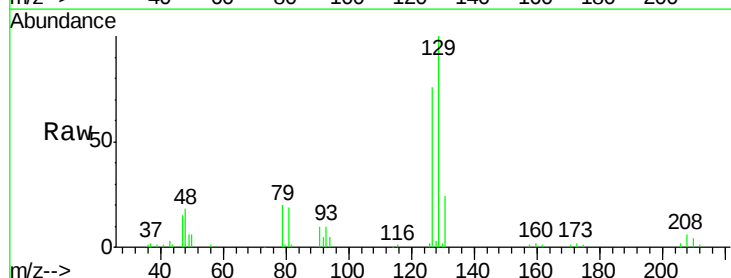
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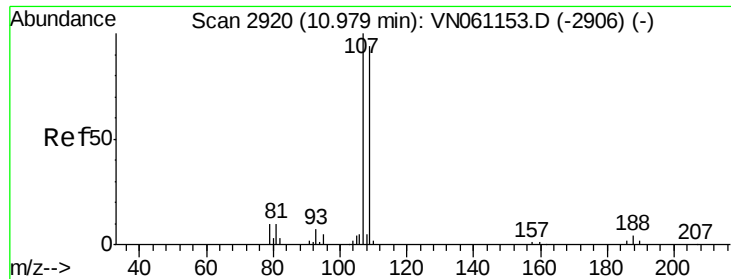
sam
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#60
Dibromochloromethane
Concen: 50.534 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion: 129 Resp: 70082
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8





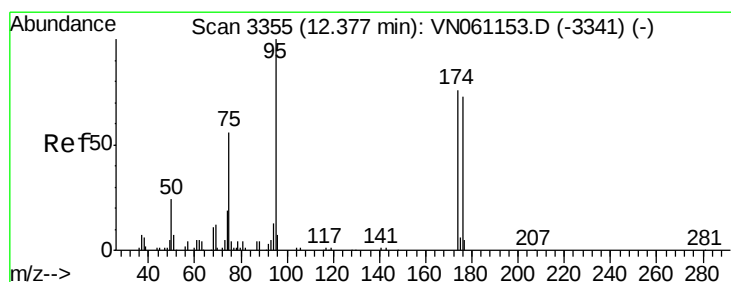
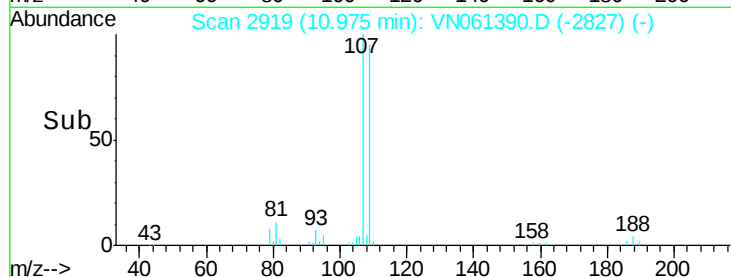
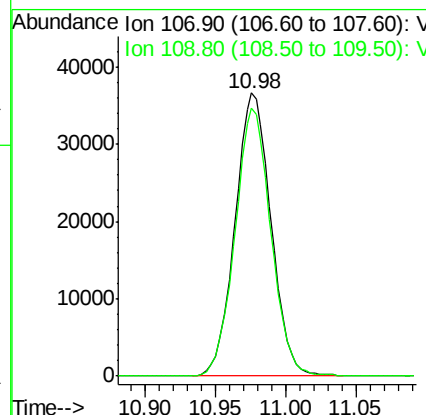
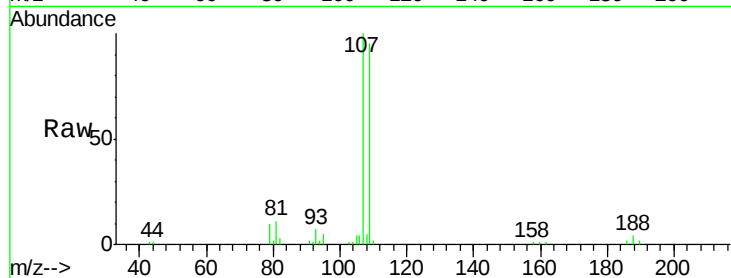
#61
 1,2-Dibromoethane
 Concen: 49.260 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.8	112.2

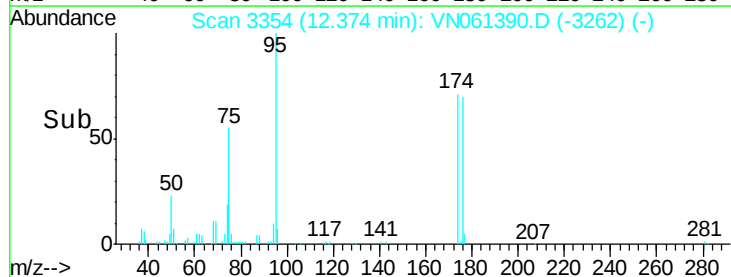
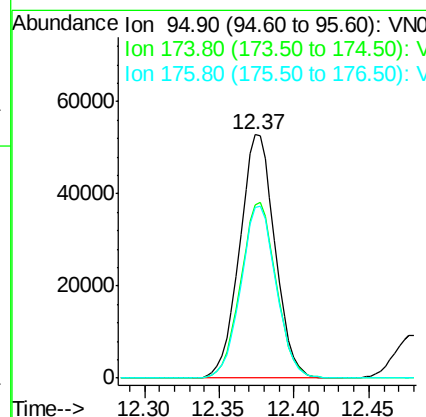
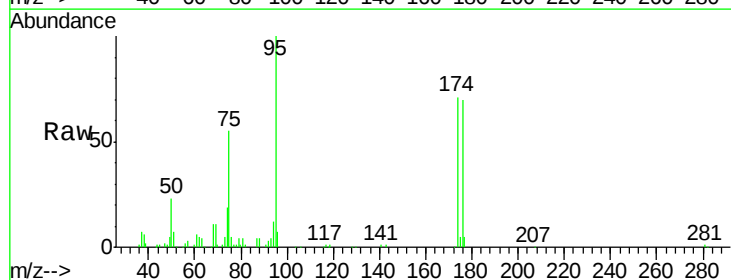
Manual Integrations
 APPROVED

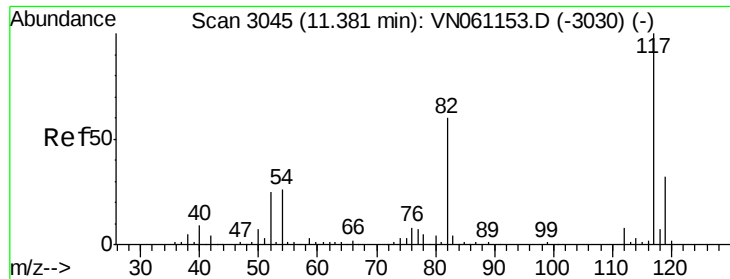
sam
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#62
 4-Bromofluorobenzene
 Concen: 51.752 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	149.4
176	70.6	0.0	144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

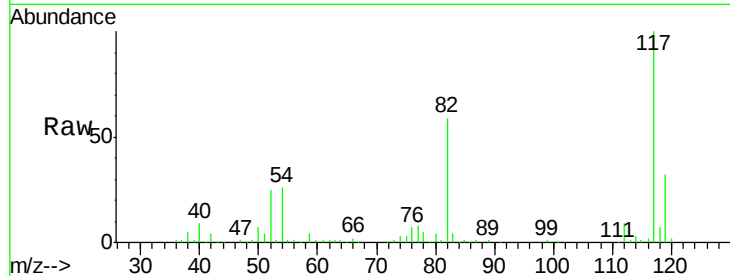
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	173056
Ion Ratio	Lower	Upper	
117	100		
82	59.4	47.8	71.8
119	31.8	25.8	38.6

Manual Integrations
APPROVED

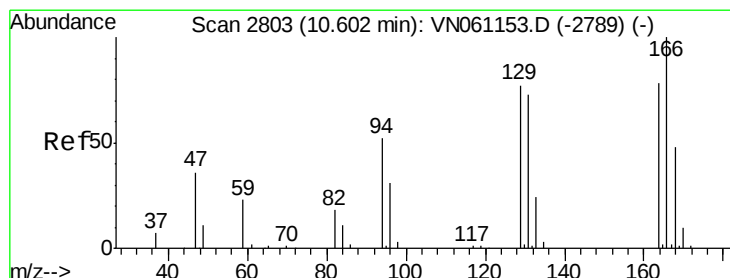
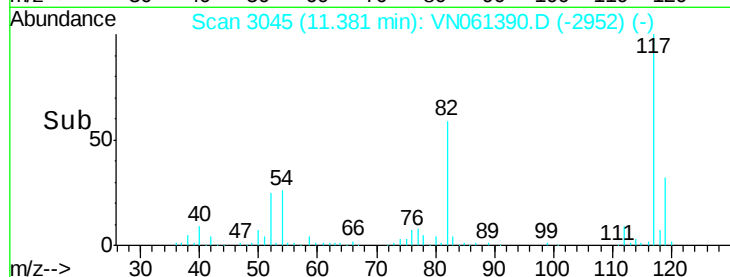
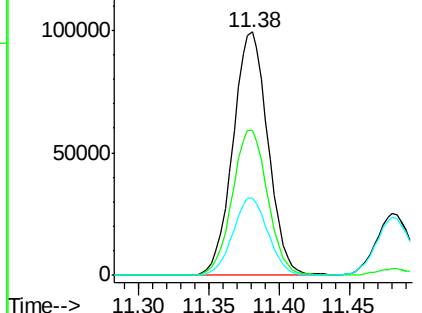
sam
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 42.013 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

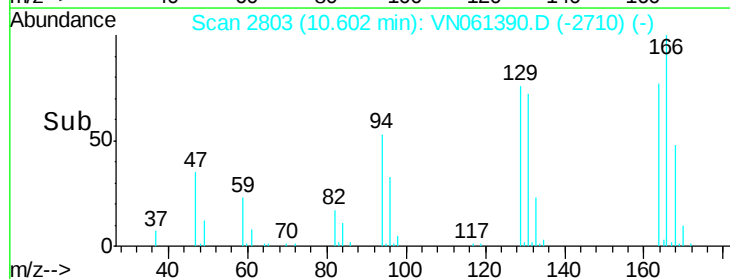
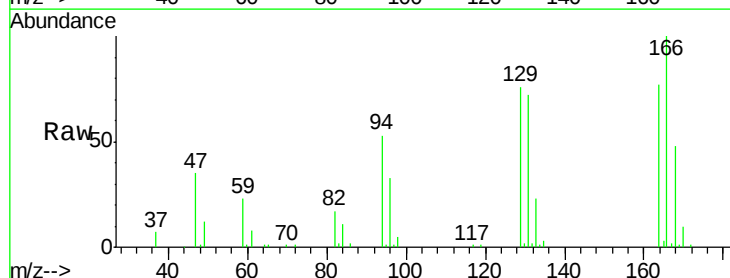
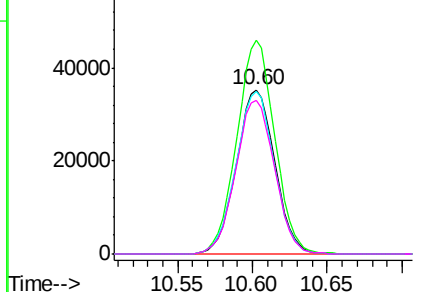
Tgt Ion:	164	Resp:	62971
Ion Ratio	Lower	Upper	
164	100		
166	130.4	102.0	153.0
129	99.4	78.2	117.2
131	93.8	74.5	111.7

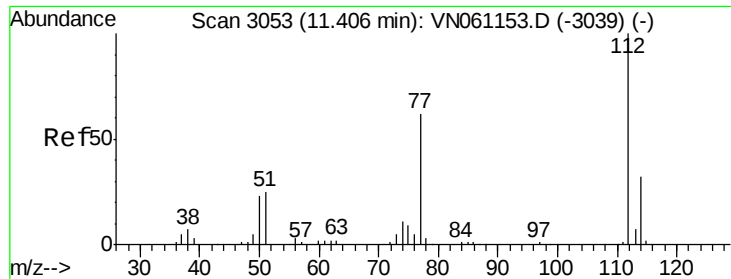
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





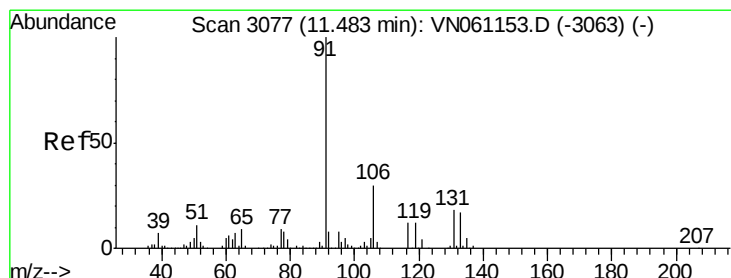
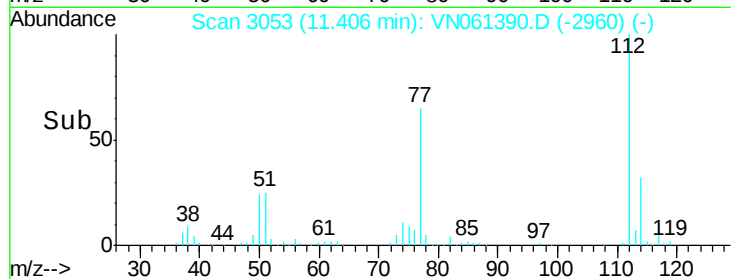
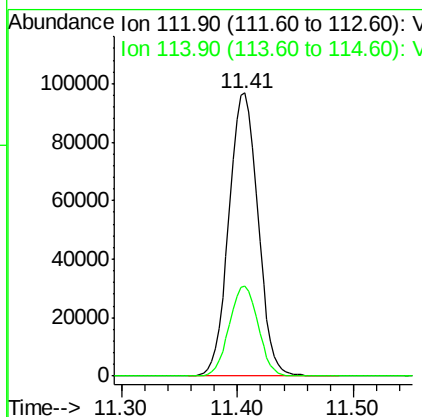
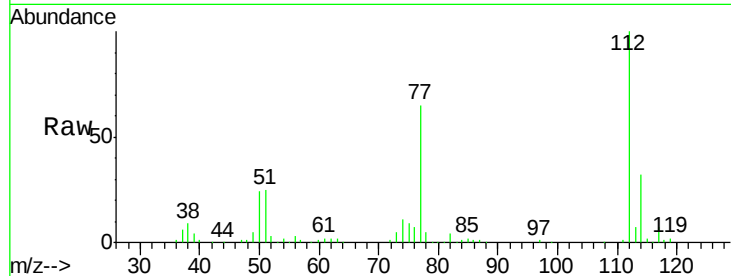
#65
Chlorobenzene
Concen: 49.105 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 168569
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

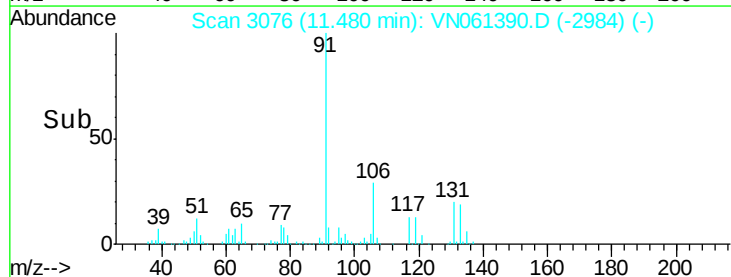
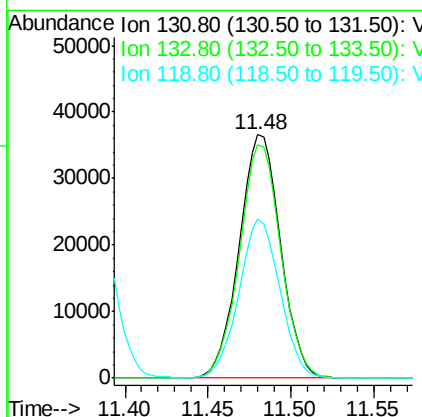
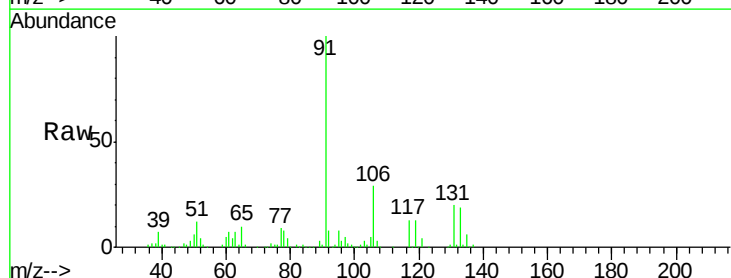
Manual Integrations
APPROVED

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#66
1,1,1,2-Tetrachloroethane
Concen: 51.596 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion:131 Resp: 63394
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 64.8 32.6 97.8





#67

Ethyl Benzene

Concen: 49.863 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 320430

Ion Ratio Lower Upper

91 100

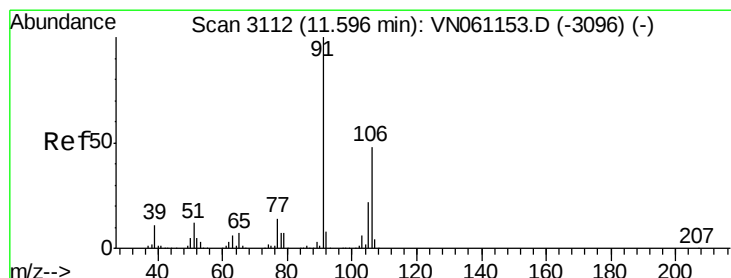
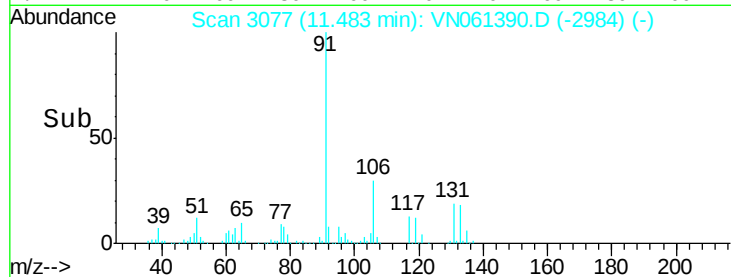
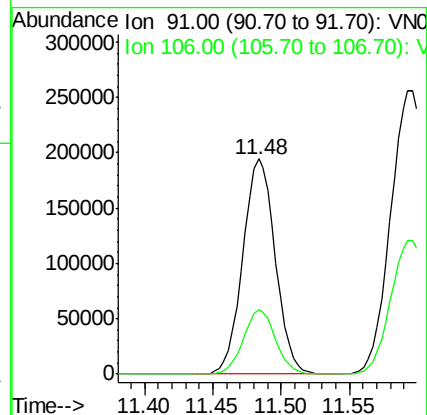
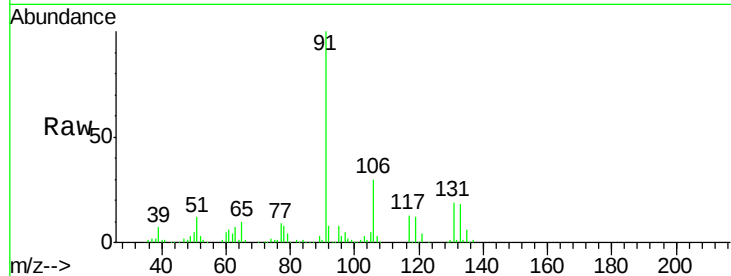
106 29.7 23.8 35.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 98.457 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061390.D

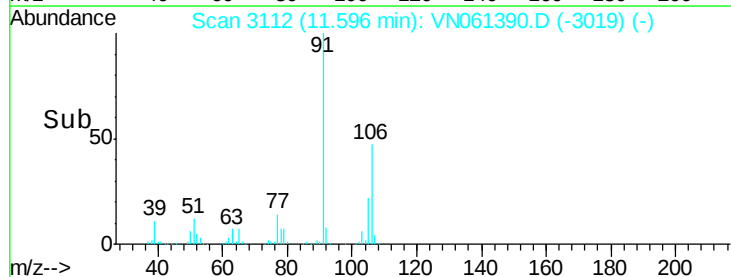
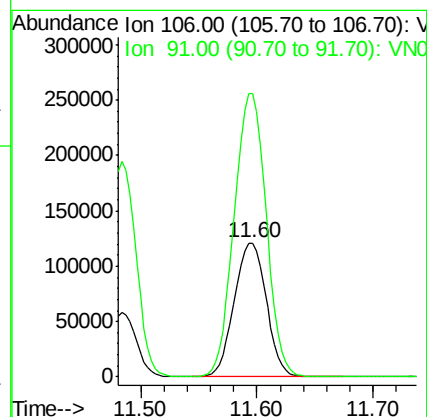
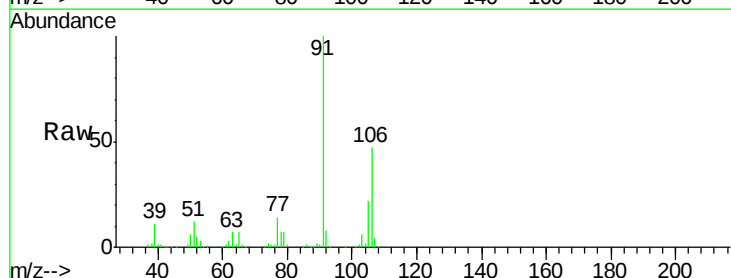
Acq: 11 May 2020 16:36

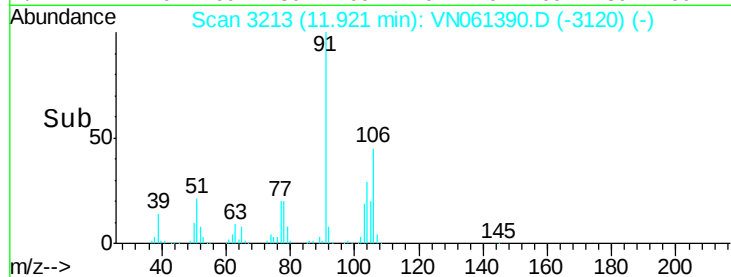
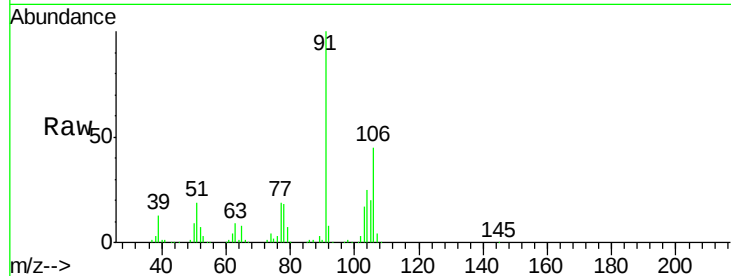
Tgt Ion: 106 Resp: 231591

Ion Ratio Lower Upper

106 100

91 211.3 166.4 249.6





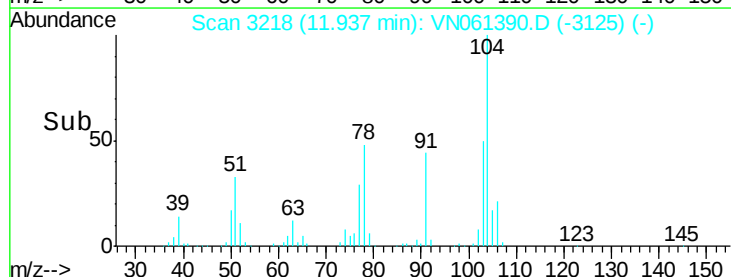
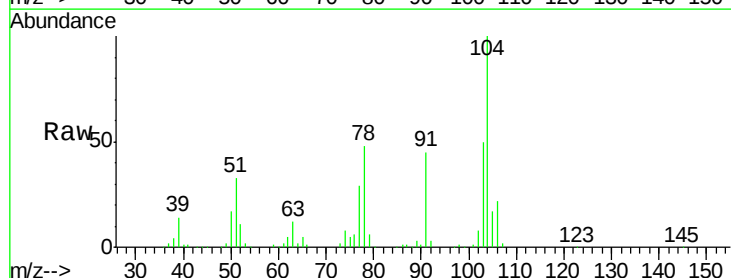
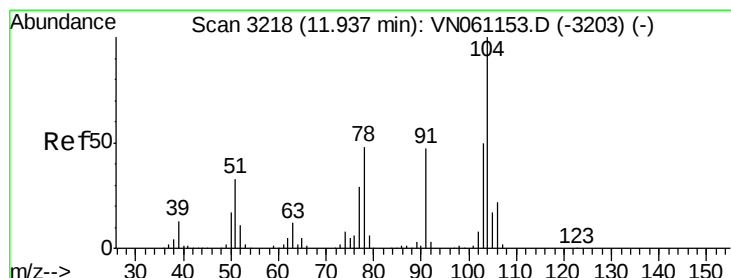
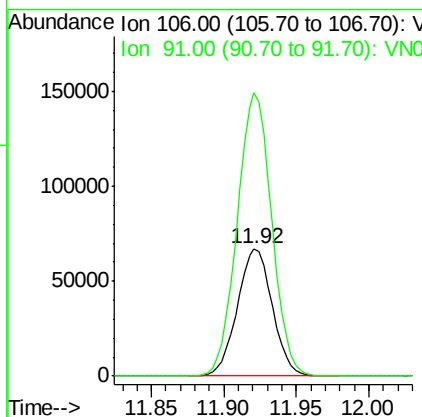
#69
o-Xylene
Concen: 49.674 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tot Ion:106 Resp: 112235
Ion Ratio Lower Upper
106 100
91 220.2 109.7 329.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

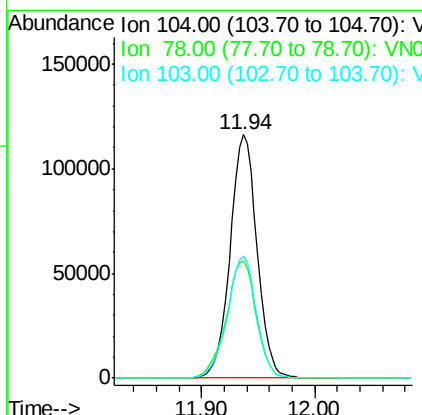
Manual Integrations
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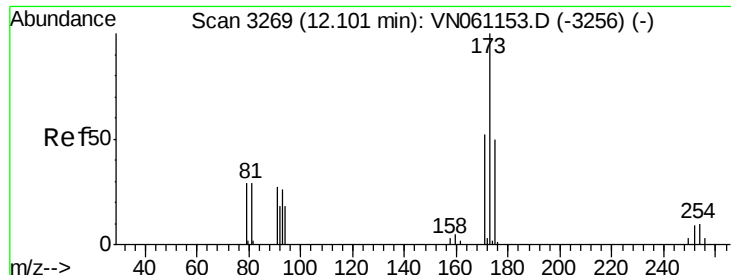
sam
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#70
Styrene
Concen: 50.850 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion:104 Resp: 192295
Ion Ratio Lower Upper
104 100
78 53.7 42.1 63.1
103 54.0 43.3 64.9





#71

Bromoform

Concen: 51.607 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

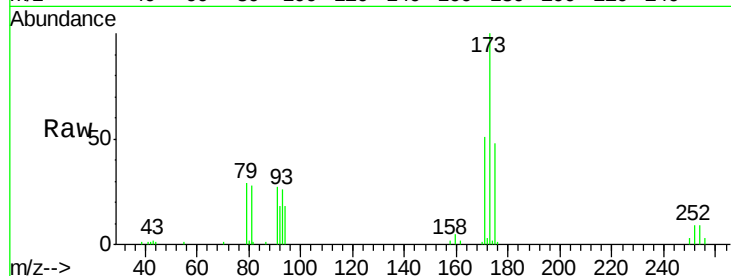
ClientSampleId :

VSTDCCC050EC

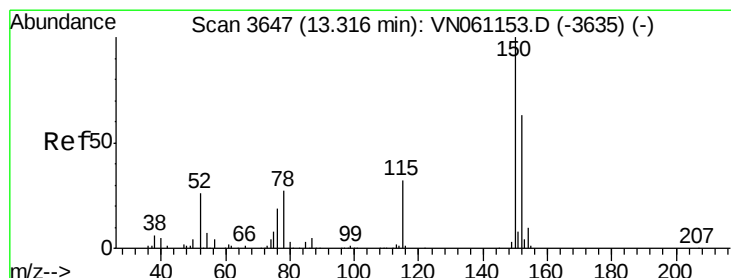
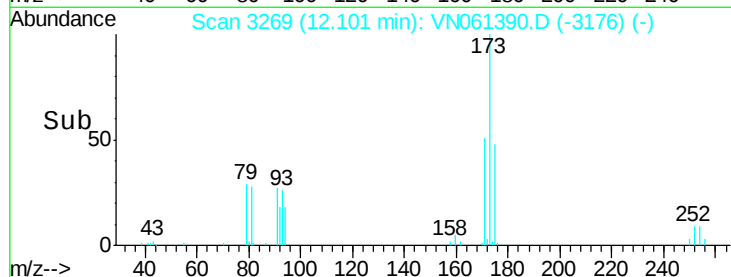
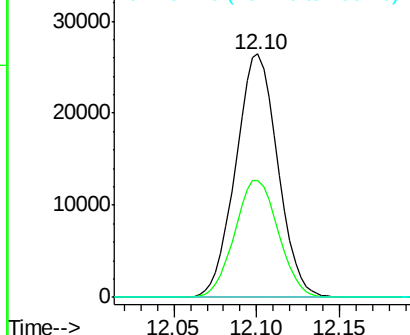
Tot Ion:173	Resp:	46601
Ion Ratio	Lower	Upper
173 100		
175 49.9	24.1	72.4
254 0.0	0.0	0.0

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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

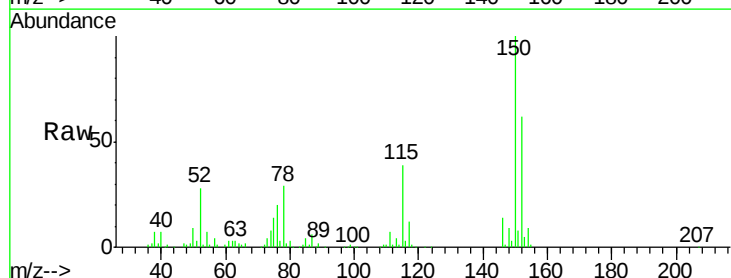
RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

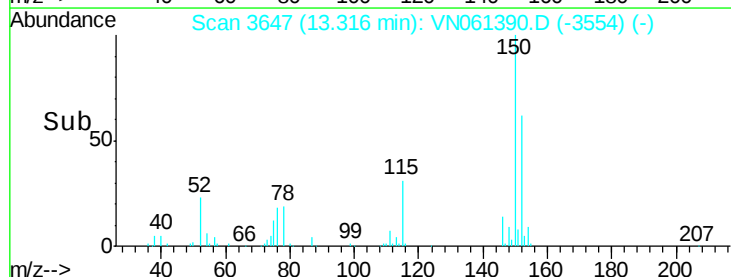
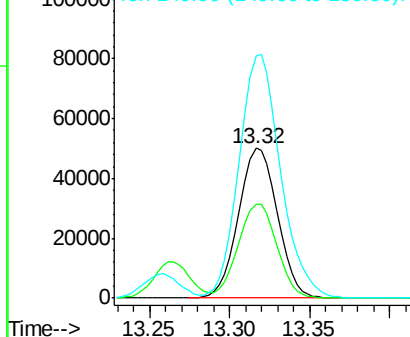
Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion:152	Resp:	83059
Ion Ratio	Lower	Upper
152 100		
115 62.6	31.0	93.0
150 174.1	0.0	351.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.844 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 304353

Ion Ratio Lower Upper

105 100

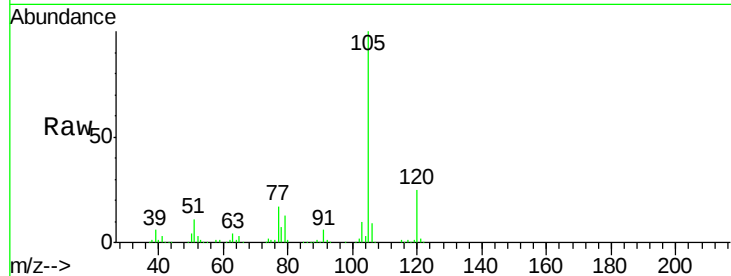
120 25.1 12.6 37.8

Manual Integrations

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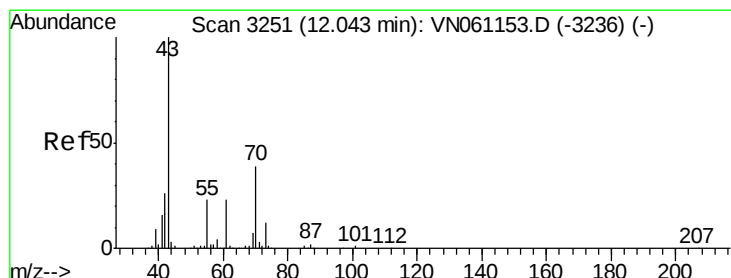
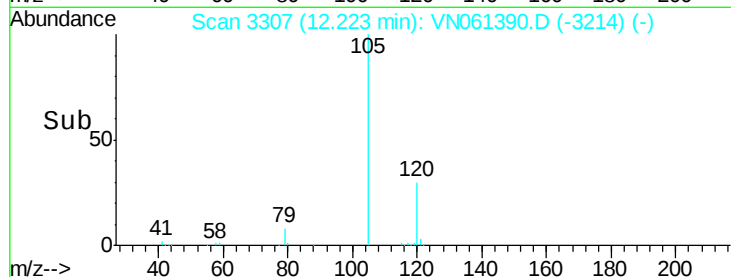
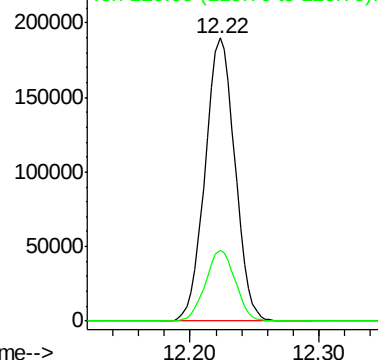
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.685 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion: 43 Resp: 153625

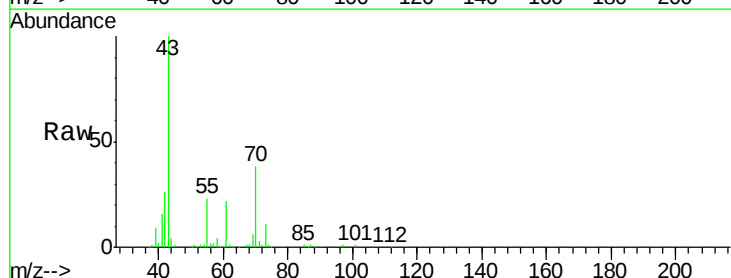
Ion Ratio Lower Upper

43 100

70 37.7 30.6 46.0

55 23.5 18.5 27.7

61 22.0 17.9 26.9

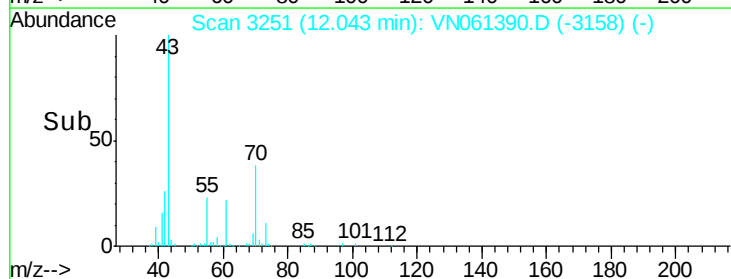
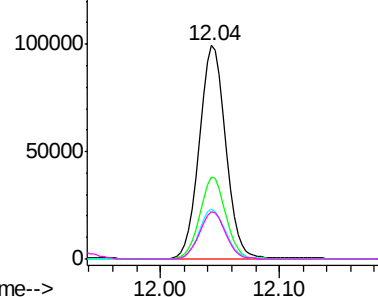


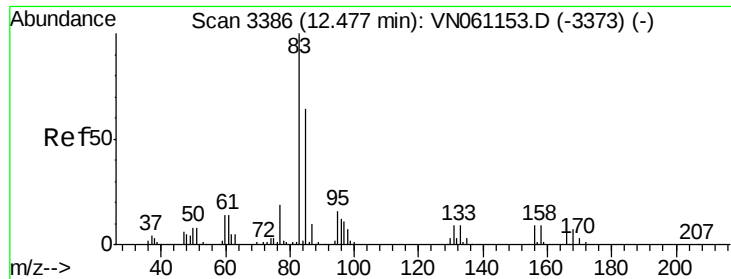
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.952 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

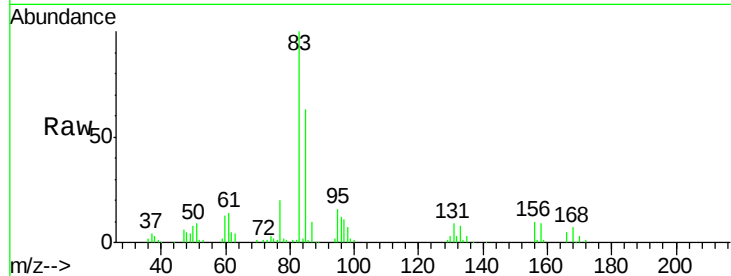
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	95106
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	64.7	32.0	96.0

Manual Integrations
APPROVED

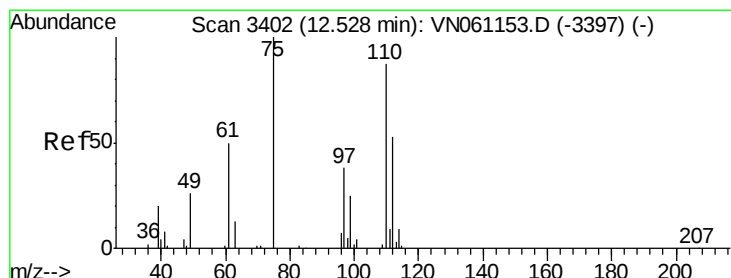
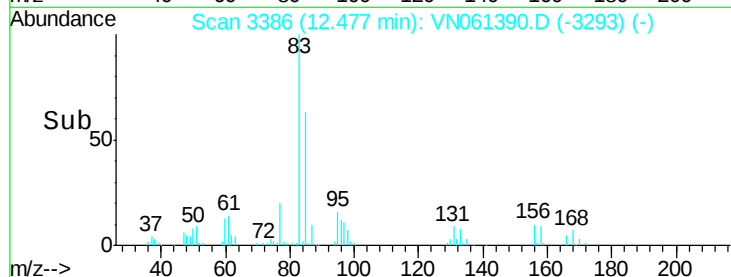
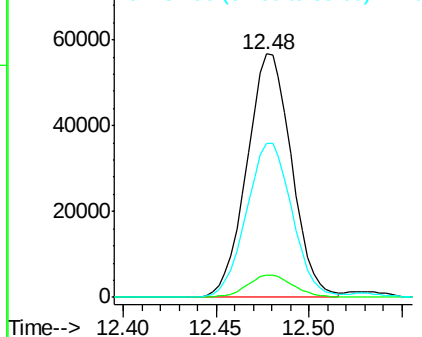
sam
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Abundance Ion 82.90 (82.60 to 83.60): VN061390.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061390.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061390.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 49.894 ug/l m

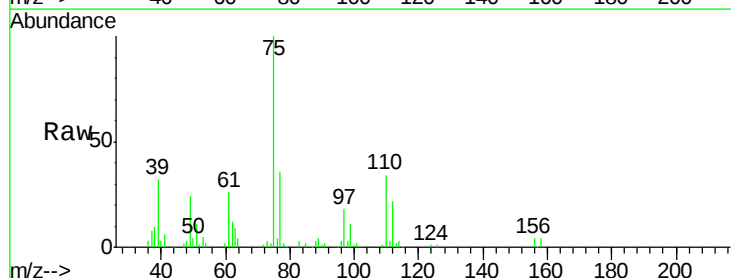
RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061390.D

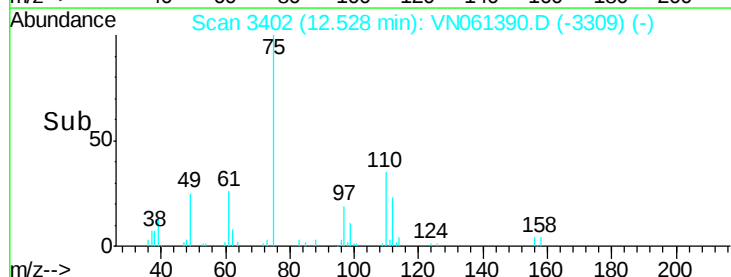
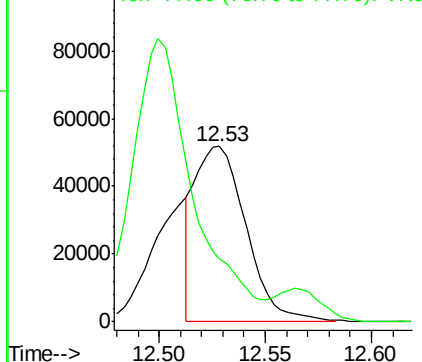
Acq: 11 May 2020 16:36

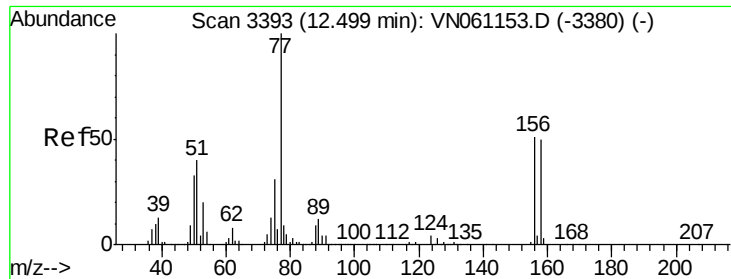
Tgt Ion:	75	Resp:	87369
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061390.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061390.D (-3309) (-)





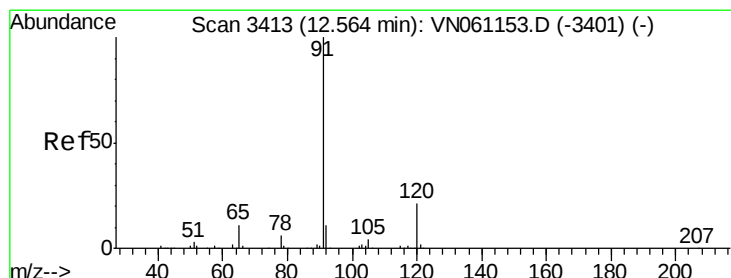
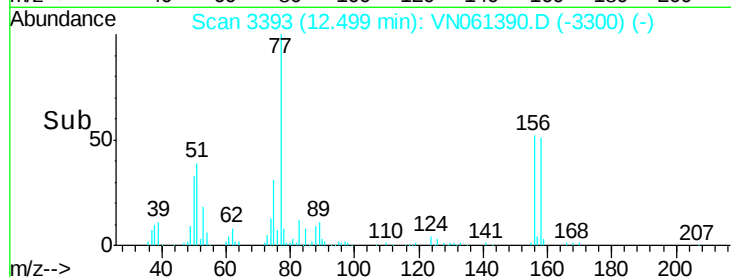
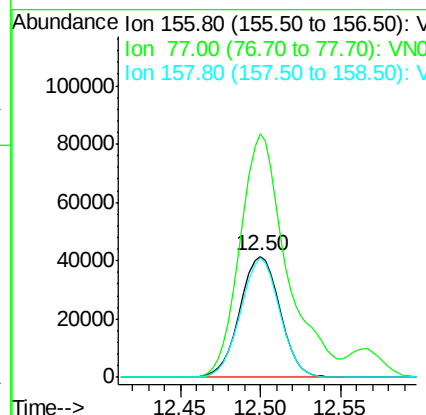
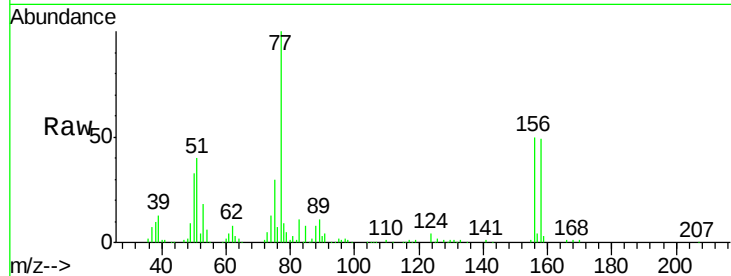
#77
Bromobenzene
Concen: 50.401 ug/l
RT: 12.50 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	235.9	117.4	352.2
158	96.1	48.4	145.0

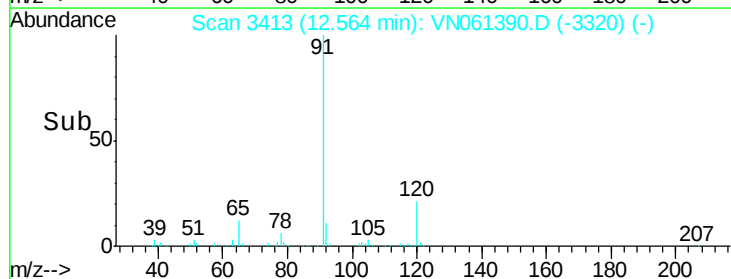
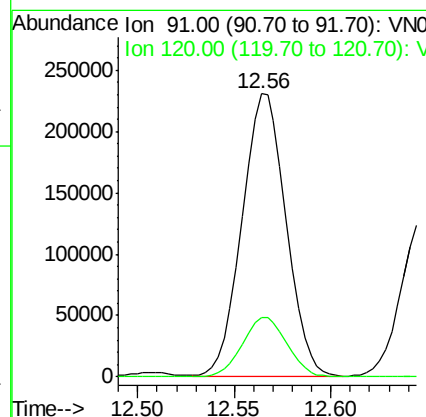
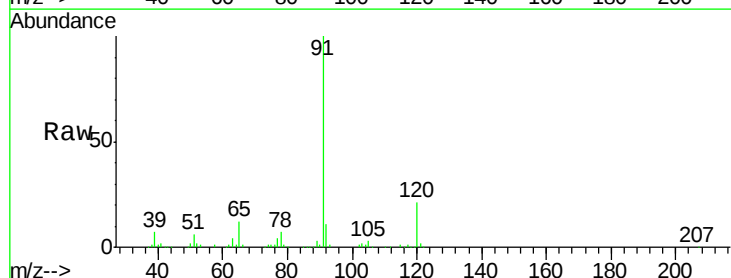
Manual Integrations
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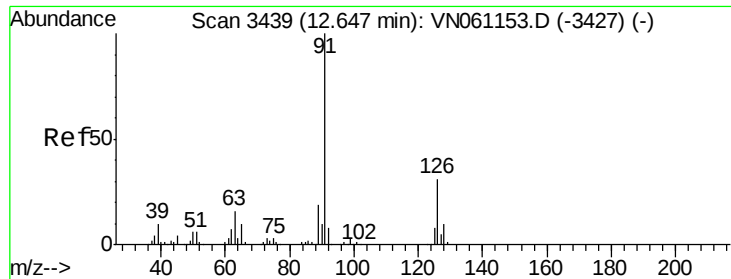
sam
5/12/2020 3:34:18 PM



#78
n-propylbenzene
Concen: 50.082 ug/l
RT: 12.56 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.3





#79

2-Chlorotoluene

Concen: 50.285 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 214062

Ion Ratio Lower Upper

91 100

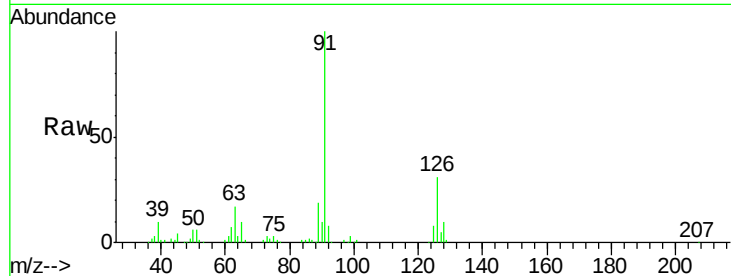
126 31.6 15.9 47.7

Manual Integrations

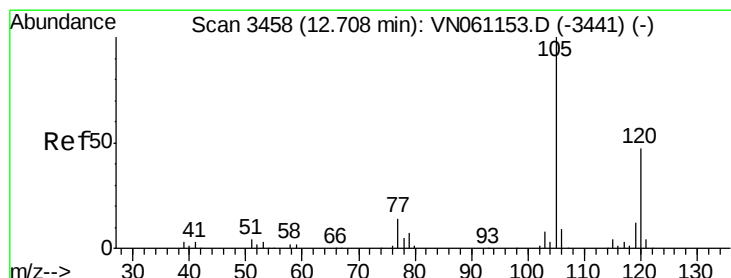
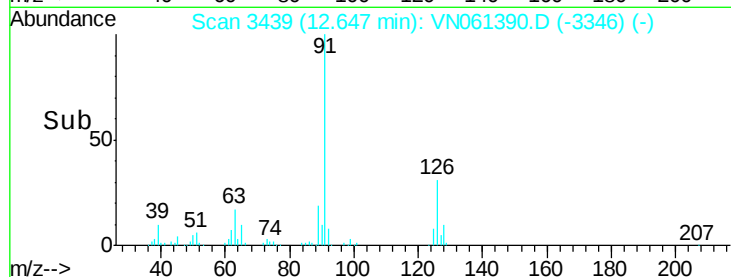
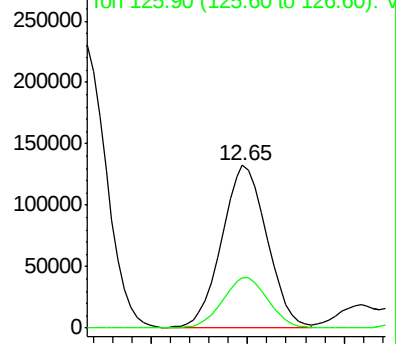
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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.462 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061390.D

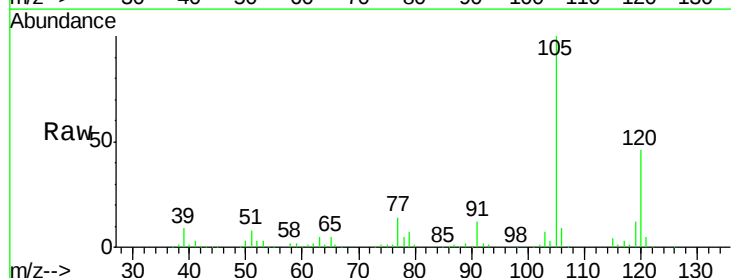
Acq: 11 May 2020 16:36

Tgt Ion: 105 Resp: 255020

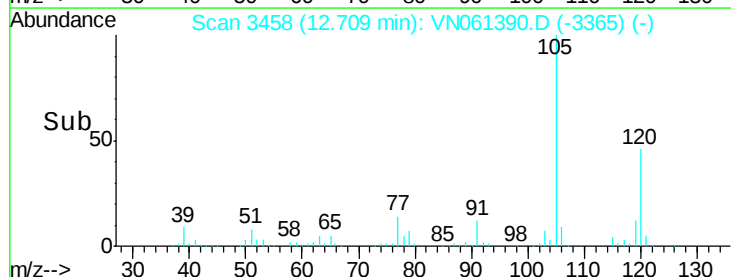
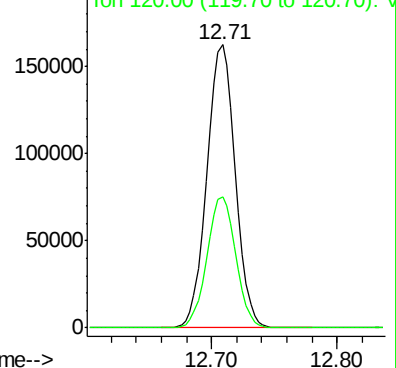
Ion Ratio Lower Upper

105 100

120 46.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.229 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

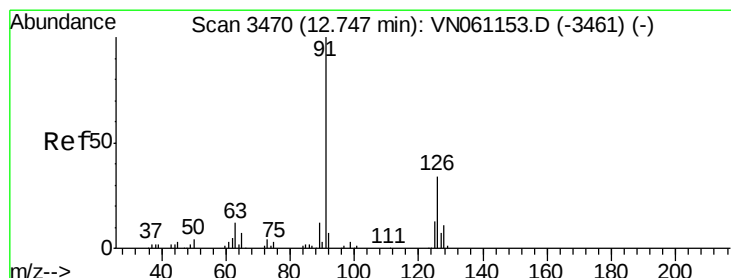
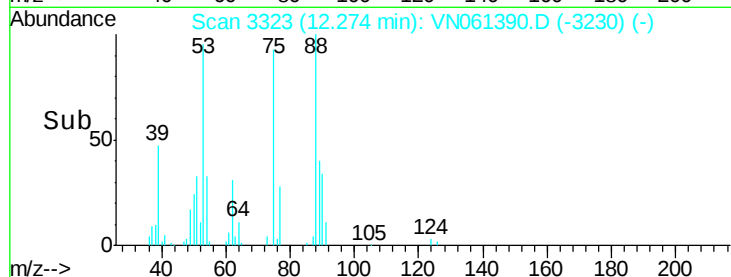
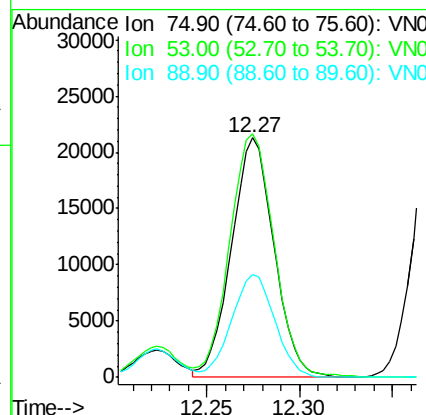
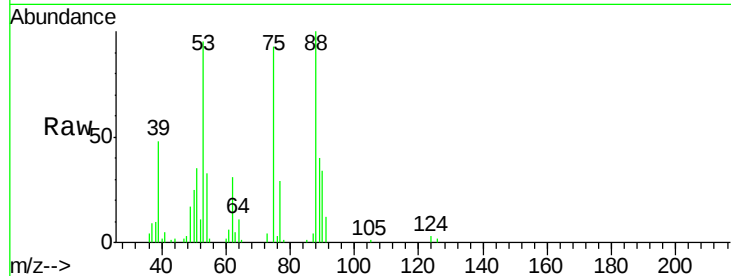
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	33946
Ion Ratio	Lower	Upper	
75	100		
53	105.9	84.1	126.1
89	43.5	35.2	52.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.938 ug/l

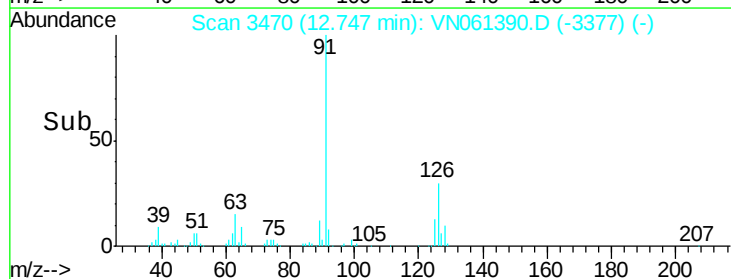
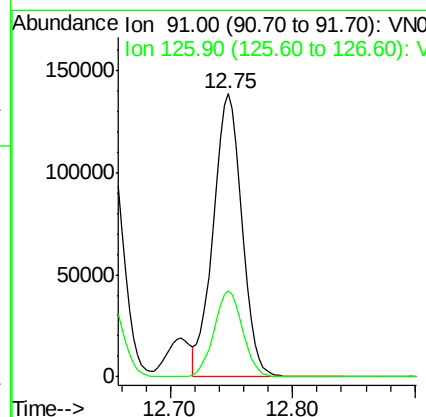
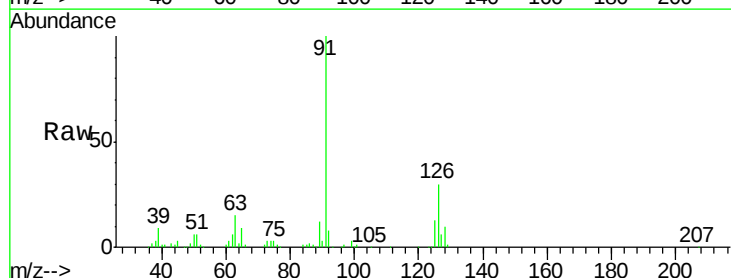
RT: 12.75 min Scan# 3470

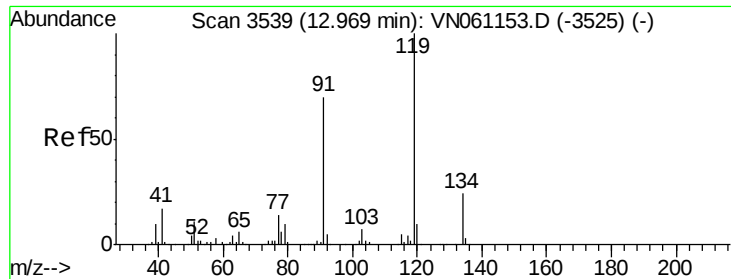
Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion:	91	Resp:	228544
Ion Ratio	Lower	Upper	
91	100		
126	30.4	15.7	47.1





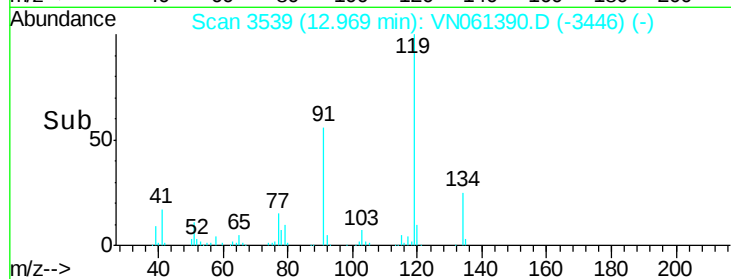
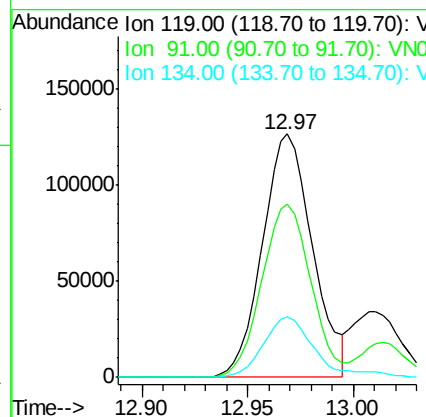
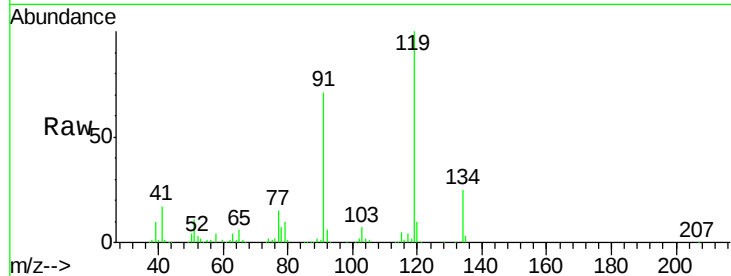
#83
 tert-Butylbenzene
 Concen: 49.098 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209226		
91	69.5		34.8	104.4
134	25.9		12.9	38.7

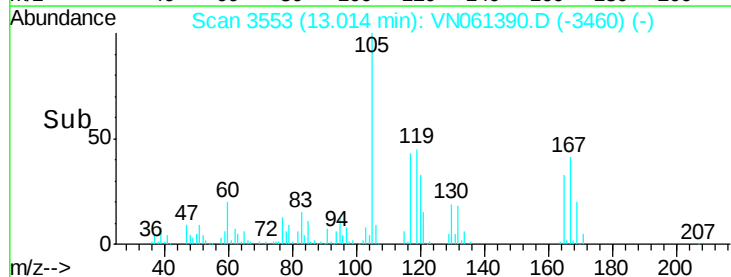
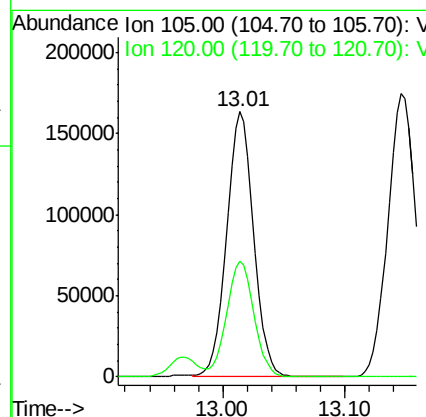
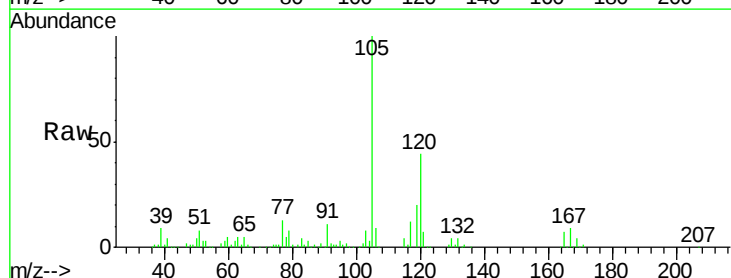
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.895 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254584		
120	44.3		22.2	66.6





#85

sec-Butylbenzene

Concen: 48.296 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 280594

Ion Ratio Lower Upper

105 100

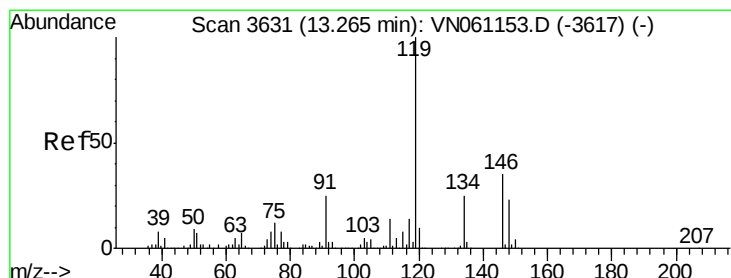
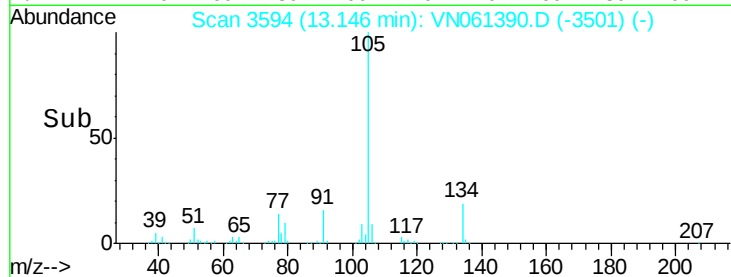
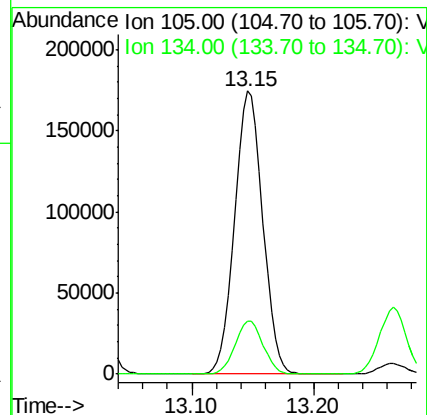
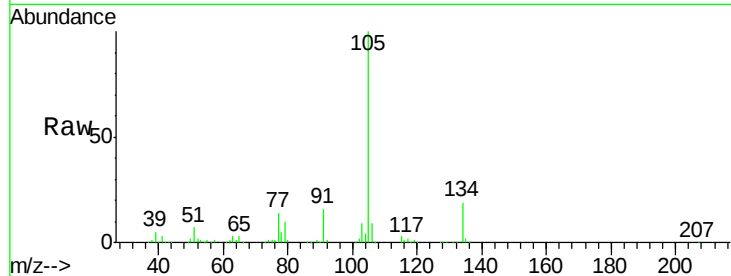
134 18.8 9.6 28.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.521 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

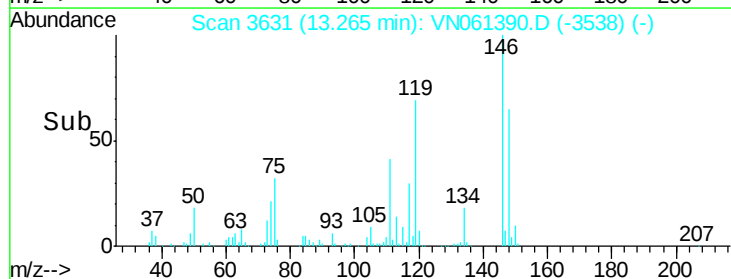
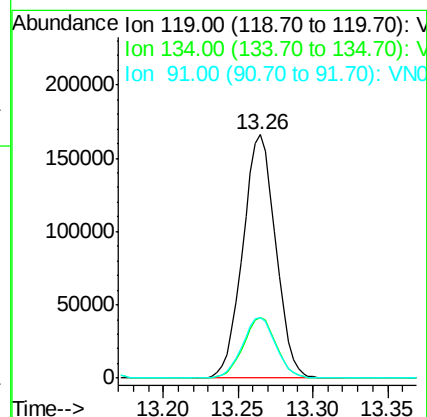
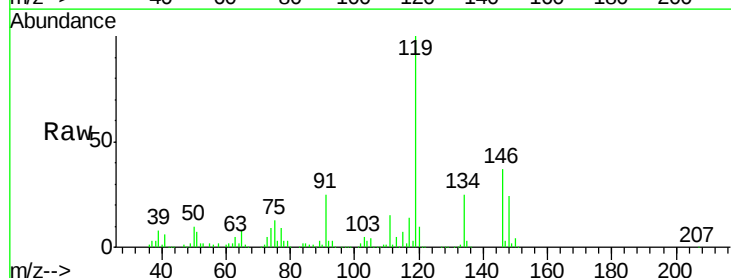
Tgt Ion:119 Resp: 253987

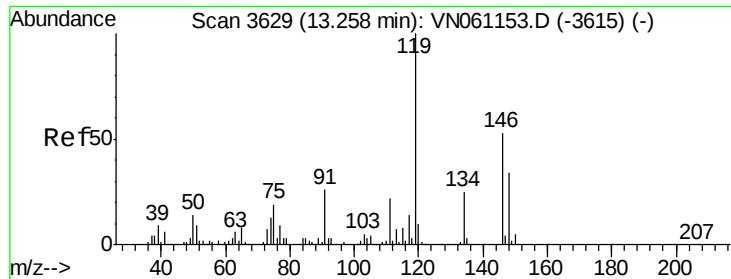
Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.6

91 25.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 49.376 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

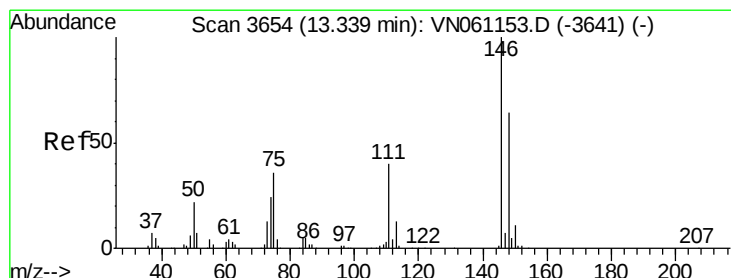
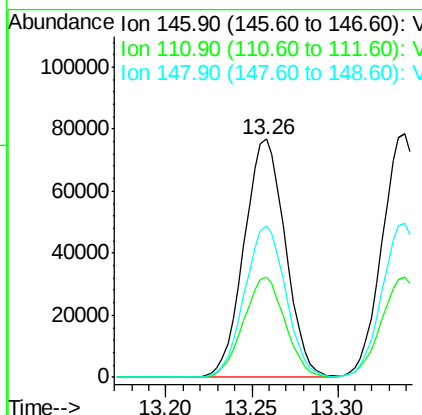
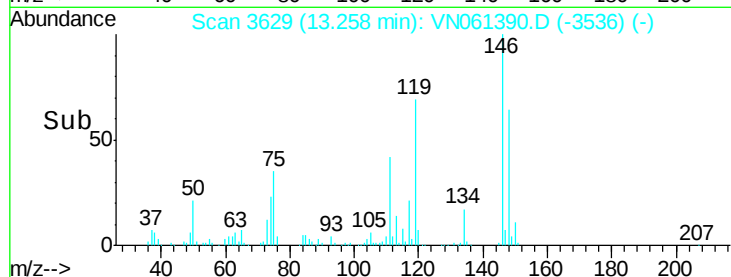
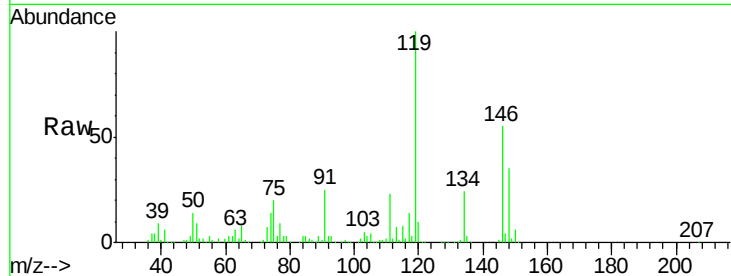
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	128125
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.7	62.1
148	63.5	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.758 ug/l

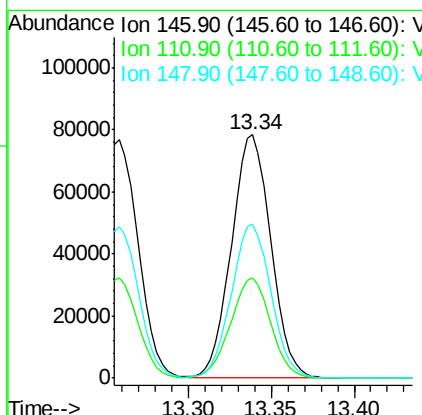
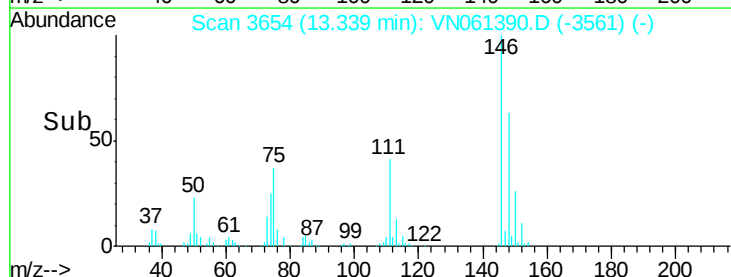
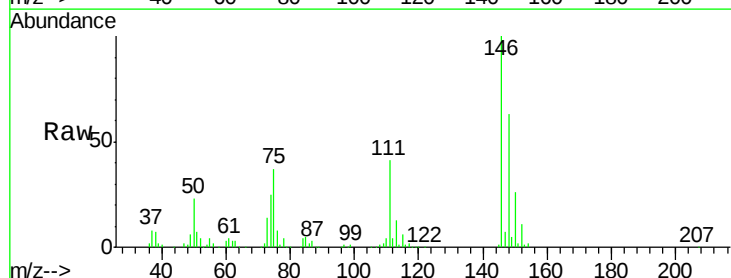
RT: 13.34 min Scan# 3654

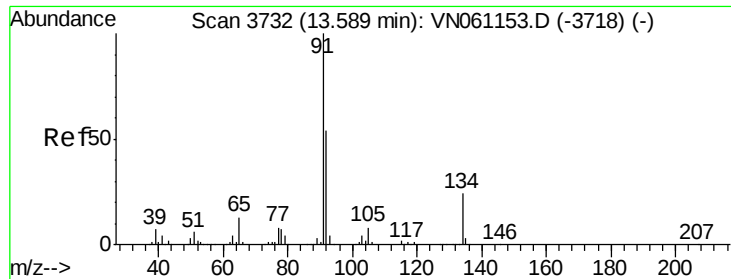
Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion:	146	Resp:	129272
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.4	61.3
148	63.6	31.9	95.7





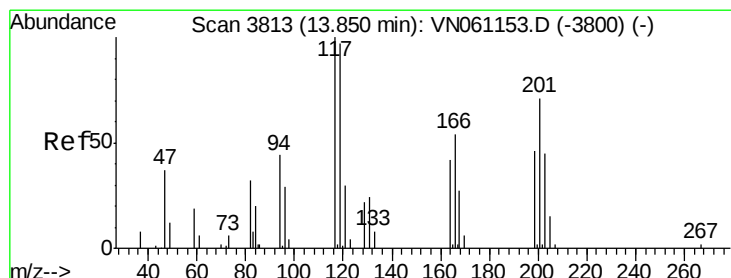
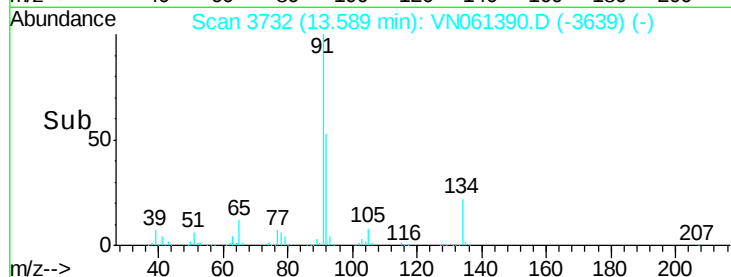
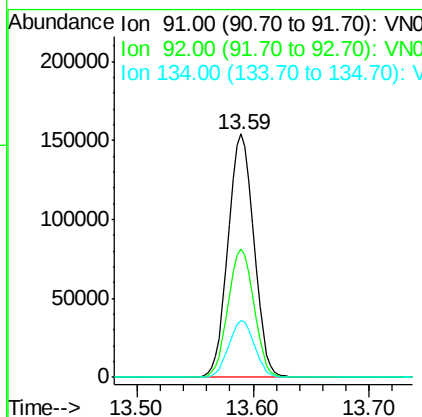
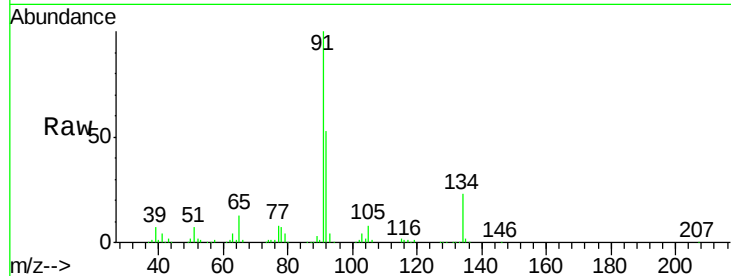
#89
n-Butylbenzene
Concen: 49.191 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.9	26.8	80.3	
134	23.2	11.9	35.5	

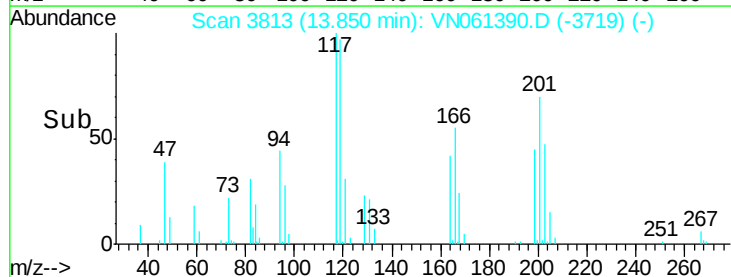
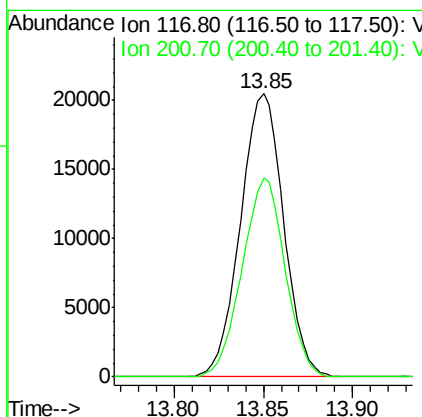
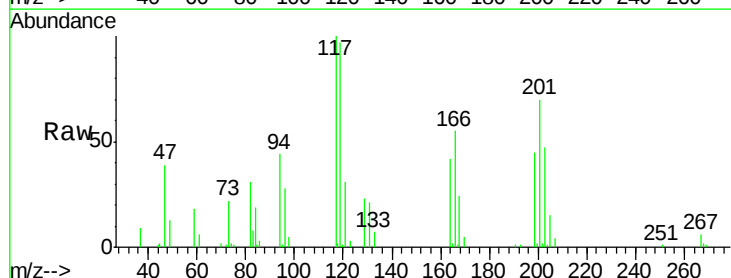
Manual Integrations
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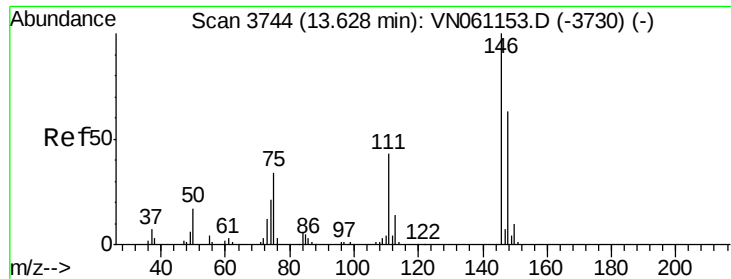
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#90
Hexachloroethane
Concen: 61.431 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061390.D
Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	69.7	35.5	106.7	





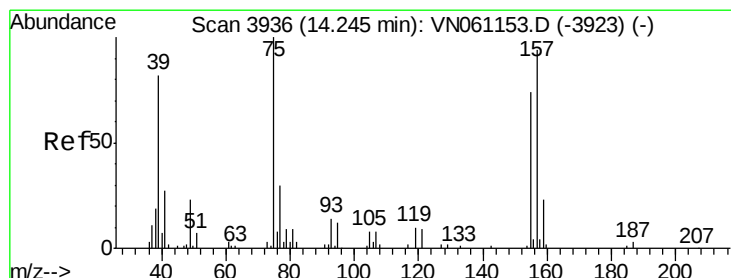
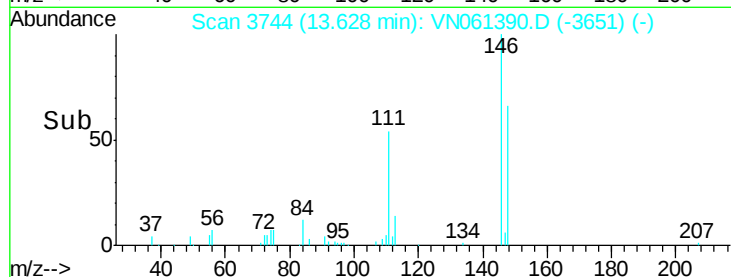
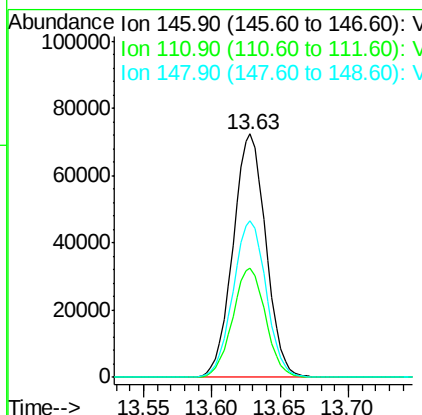
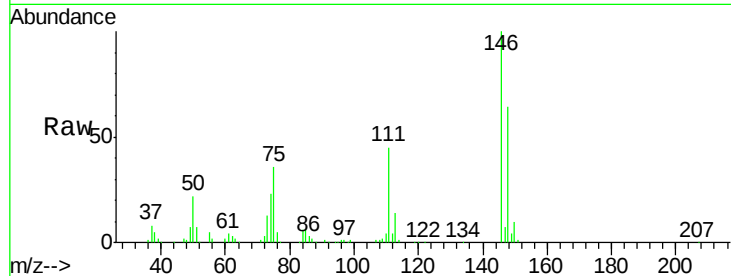
#91
 1,2-Dichlorobenzene
 Concen: 48.726 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.8	65.3
148	64.9	31.6	95.0

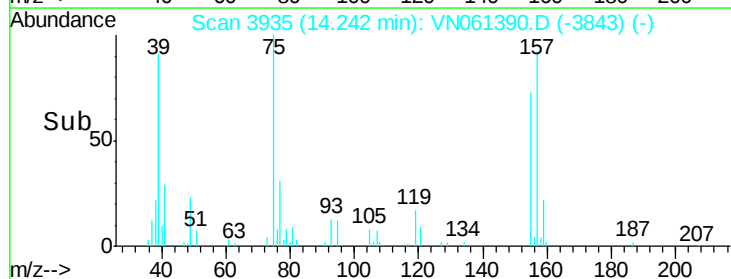
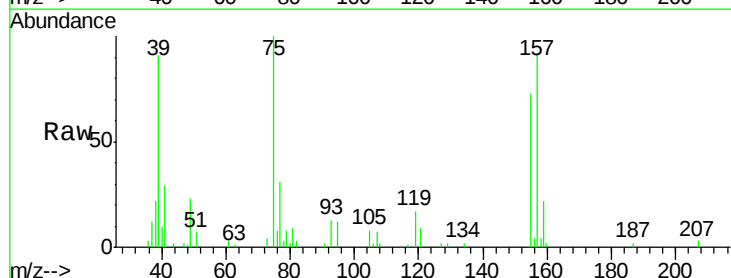
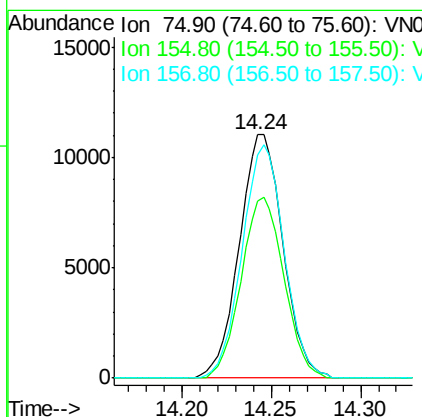
Manual Integrations
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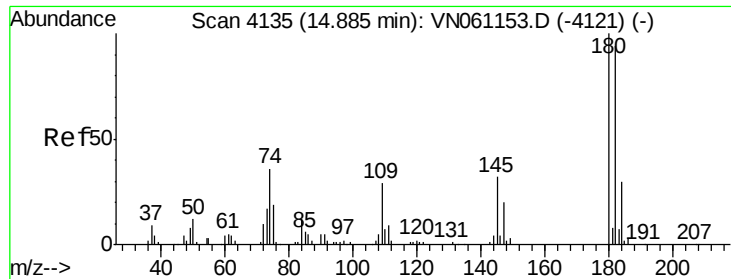
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.830 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.5	36.5	109.7
157	92.3	46.6	139.7





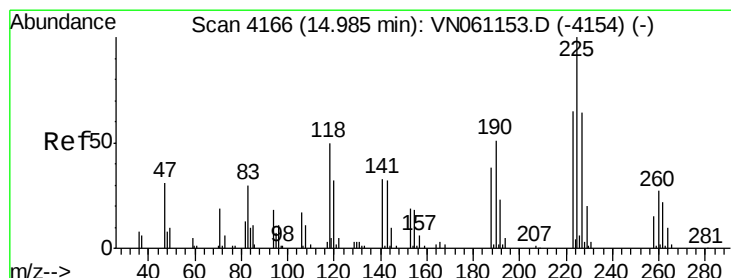
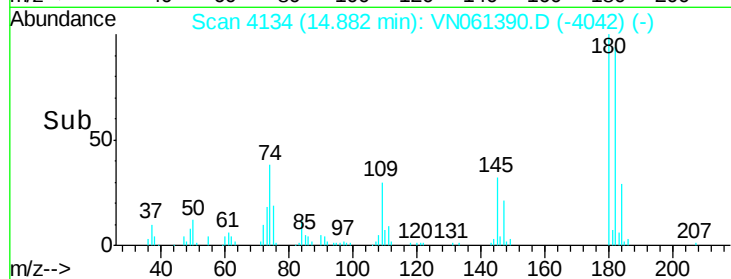
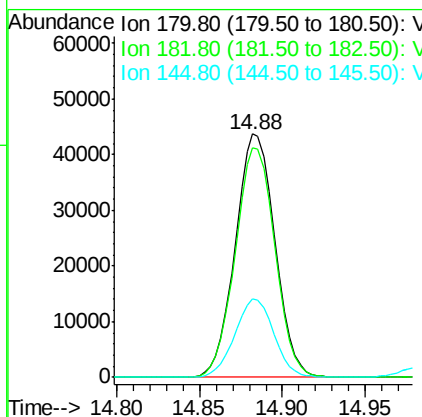
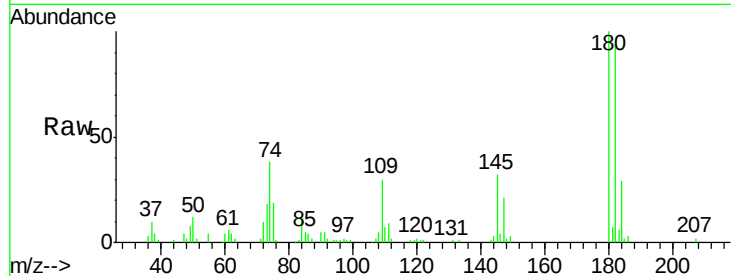
#93
 1,2,4-Trichlorobenzene
 Concen: 48.009 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	31.6	16.0	47.9

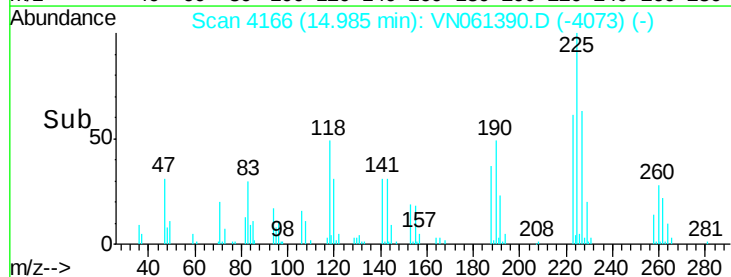
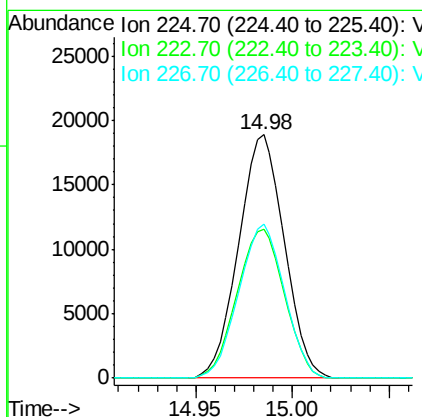
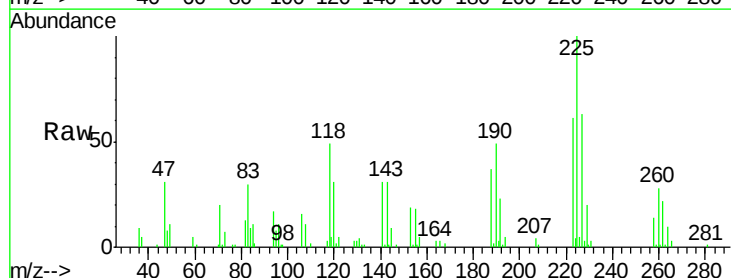
Manual Integrations
 APPROVED

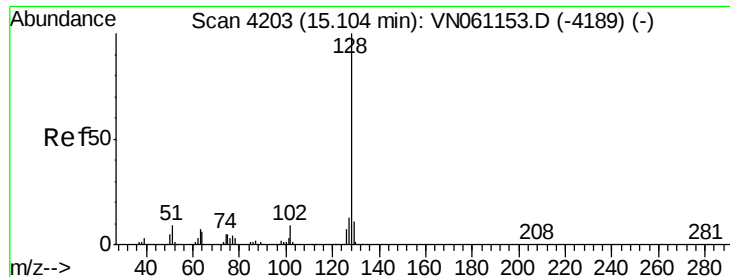
sam
 5/12/2020 3:34:18 PM



#94
 Hexachlorobutadiene
 Concen: 48.945 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061390.D
 Acq: 11 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.4	97.0
227	63.2	32.4	97.0





#95

Naphthalene

Concen: 44.777 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Instrument :

MSVOA_N

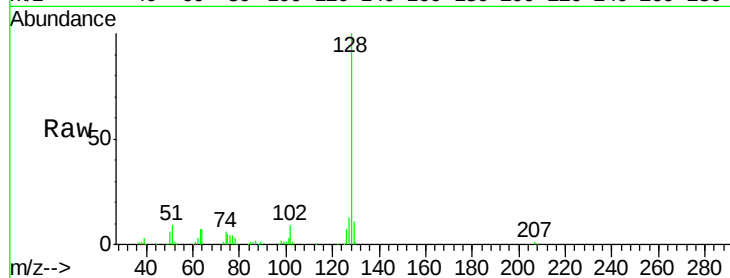
ClientSampleId :

VSTDCCC050EC

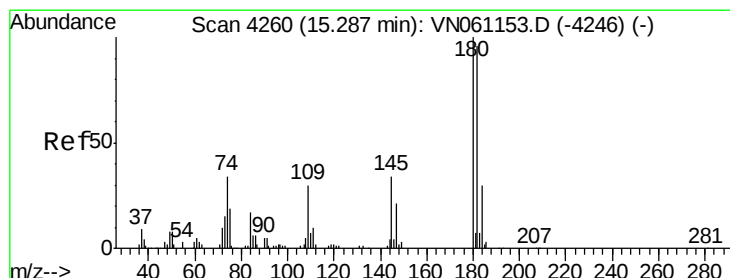
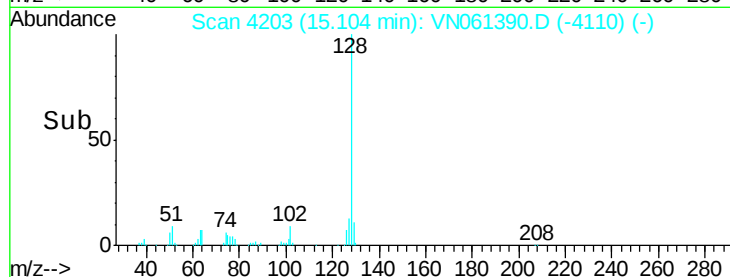
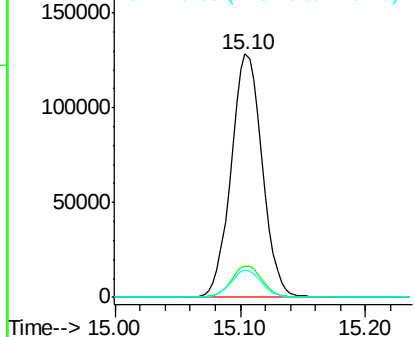
Tot Ion:	128	Resp:	220940
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

sam
5/12/2020 3:34:18 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.155 ug/l

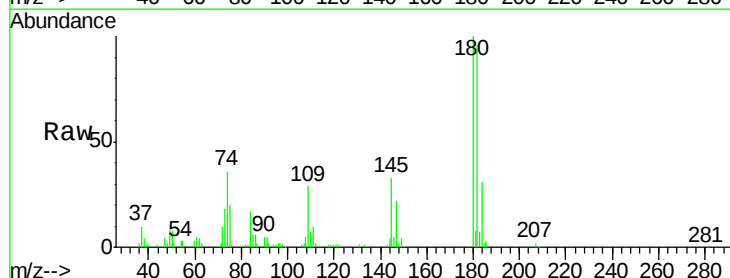
RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061390.D

Acq: 11 May 2020 16:36

Tgt Ion:	180	Resp:	70537
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.5
145	33.5	16.9	50.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

