

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017060.D
 Acq On : 30 Jun 2020 21:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:00 AM

Quant Time: Jul 01 08:30:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	398595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	152921	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	5.46	113	127021	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.70	98	463827	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.12	95	181112	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	125396	51.183	ug/l	96
3) Chloromethane	1.31	50	135349	45.641	ug/l	100
4) Vinyl Chloride	1.39	62	133948	48.683	ug/l	100
5) Bromomethane	1.62	94	74477	51.234	ug/l	100
6) Chloroethane	1.71	64	80886	49.775	ug/l	97
7) Trichlorofluoromethane	1.92	101	212390	52.193	ug/l	99
8) Diethyl Ether	2.17	74	73774	53.853	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	122371	50.174	ug/l	96
10) Methyl Iodide	2.49	142	148241	47.105	ug/l	99
11) Tert butyl alcohol	3.01	59	151479	254.341	ug/l	99
12) 1,1-Dichloroethene	2.36	96	125745	50.188	ug/l	98
13) Acrolein	2.28	56	83497	234.527	ug/l	99
14) Allyl chloride	2.71	41	224272	48.436	ug/l	99
15) Acrylonitrile	3.12	53	371917	259.767	ug/l	99
16) Acetone	2.42	43	304502	260.729	ug/l	99
17) Carbon Disulfide	2.55	76	362802	51.891	ug/l	99
18) Methyl Acetate	2.75	43	161023	52.816	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	441601	52.517	ug/l	100
20) Methylene Chloride	2.84	84	144647	54.067	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142802	51.360	ug/l	94
22) Diisopropyl ether	3.82	45	439960	51.338	ug/l	97
23) Vinyl Acetate	3.79	43	1961460	266.352	ug/l	100
24) 1,1-Dichloroethane	3.67	63	248355	50.932	ug/l	100
25) 2-Butanone	4.64	43	503624	258.799	ug/l	100
26) 2,2-Dichloropropane	4.55	77	188080	43.440	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	156354	49.630	ug/l	99
28) Bromochloromethane	4.98	49	112363	47.353	ug/l	98
29) Tetrahydrofuran	5.09	42	333353	259.264	ug/l	99
30) Chloroform	5.18	83	252941	50.602	ug/l	98
31) Cyclohexane	5.54	56	211680	50.222	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	234620	50.965	ug/l	99
36) 1,1-Dichloropropene	5.77	75	190153	50.476	ug/l	100
37) Ethyl Acetate	4.79	43	196162	51.321	ug/l	99
38) Carbon Tetrachloride	5.76	117	213097	51.357	ug/l	96

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Manual Integrations
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MMDadoda
 7/1/2020 10:49:00 AM

Quant Time: Jul 01 08:30:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	208711	49.794	ug/l	99
40) Benzene	6.12	78	560330	50.623	ug/l	98
41) Methacrylonitrile	5.01	41	114082	53.031	ug/l	97
42) 1,2-Dichloroethane	6.16	62	205256	51.339	ug/l	99
43) Isopropyl Acetate	6.42	43	326956	51.477	ug/l	100
44) Trichloroethene	7.19	130	161228	52.803	ug/l	95
45) 1,2-Dichloropropane	7.49	63	143985	50.647	ug/l	99
46) Dibromomethane	7.63	93	99866	51.453	ug/l	99
47) Bromodichloromethane	7.88	83	207241	51.812	ug/l	98
48) Methyl methacrylate	7.74	41	160002	53.024	ug/l	97
49) 1,4-Dioxane	7.71	88	69131	1011.254	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1000685	264.305	ug/l	100
52) Toluene	8.76	92	355536	51.447	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	225124	51.012	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	238229	50.356	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	146637	51.935	ug/l	98
56) Ethyl methacrylate	9.16	69	216152	53.786	ug/l	99
57) 1,3-Dichloropropane	9.35	76	244478	51.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	573806	286.889	ug/l	99
59) 2-Hexanone	9.48	43	758427	274.284	ug/l	99
60) Dibromochloromethane	9.57	129	176207	53.732	ug/l	98
61) 1,2-Dibromoethane	9.65	107	156726	51.640	ug/l	99
64) Tetrachloroethene	9.32	164	150952	49.319	ug/l	98
65) Chlorobenzene	10.12	112	392706	50.171	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	156023	51.722	ug/l	99
67) Ethyl Benzene	10.24	91	680923	52.091	ug/l	97
68) m/p-Xylenes	10.34	106	527643	105.126	ug/l	99
69) o-Xylene	10.68	106	249792	52.315	ug/l	99
70) Styrene	10.70	104	439363	54.037	ug/l	99
71) Bromoform	10.84	173	133098	55.640	ug/l	99
73) Isopropylbenzene	11.00	105	672198	50.862	ug/l	99
74) N-amyl acetate	10.88	43	290191	51.460	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	209496	50.393	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	199326m	50.238	ug/l	
77) Bromobenzene	11.24	156	180079	49.578	ug/l	99
78) n-propylbenzene	11.34	91	770328	51.544	ug/l	100
79) 2-Chlorotoluene	11.40	91	456707	50.493	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	572408	52.216	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	74595	48.687	ug/l	97
82) 4-Chlorotoluene	11.49	91	546515	50.544	ug/l	100
83) tert-Butylbenzene	11.76	119	553291	51.415	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	582061	52.337	ug/l	100
85) sec-Butylbenzene	11.93	105	645419	51.023	ug/l	99
86) p-Isopropyltoluene	12.05	119	610038	51.804	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	321204	48.690	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	328014	52.735	ug/l	99
89) n-Butylbenzene	12.37	91	513316	48.819	ug/l	100
90) Hexachloroethane	12.58	117	116078	49.986	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	306236	49.662	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47475	47.871	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050

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MMDadoda
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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205806	48.898	ug/l	100
94) Hexachlorobutadiene	13.76	225	78324	49.050	ug/l	95
95) Naphthalene	13.82	128	669855	52.350	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	202873	49.807	ug/l	98

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

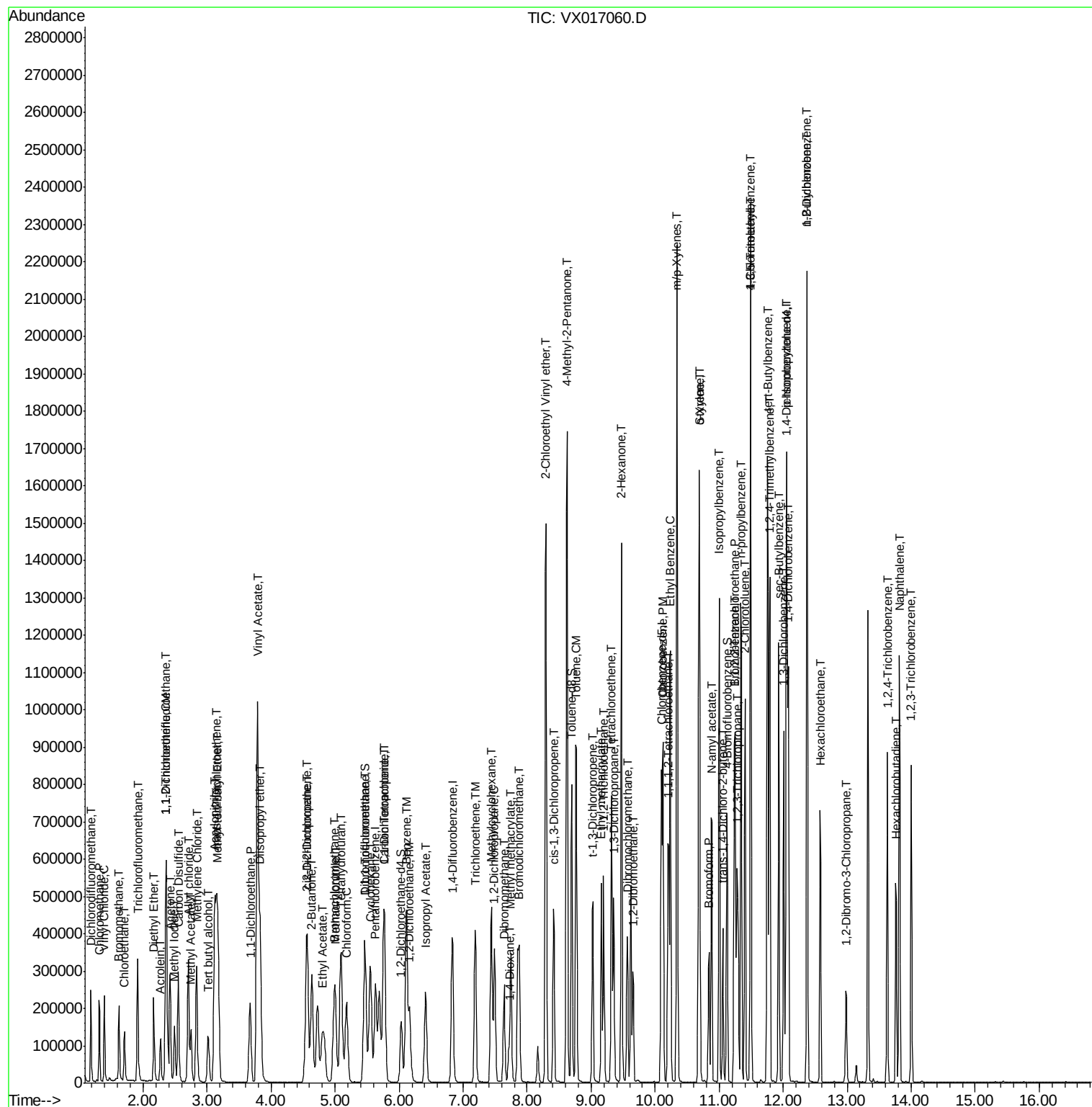
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 Data File : VX017060.D
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 Operator : JC/SP
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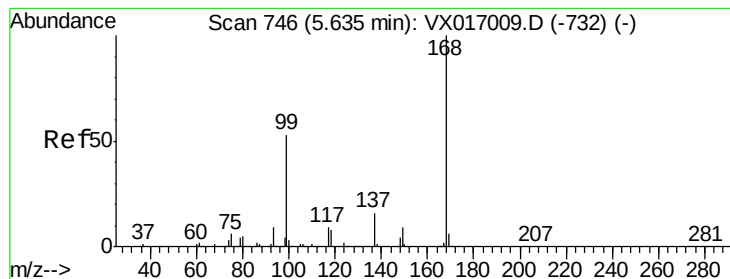
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

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MMDadoda
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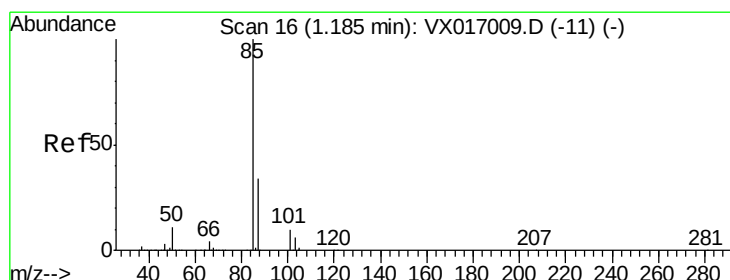
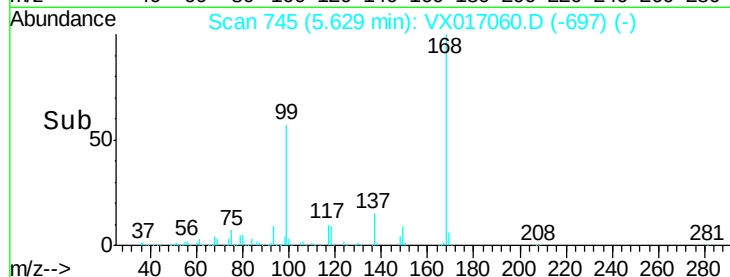
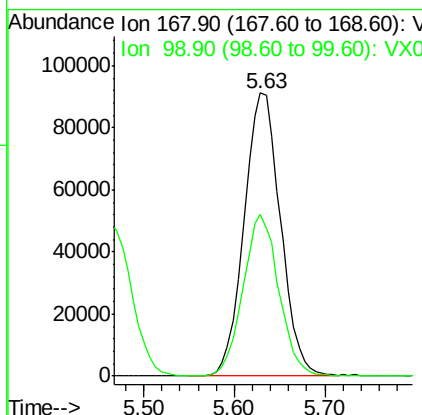
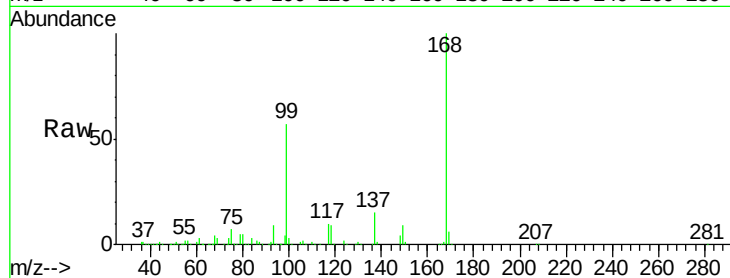
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.9	42.6	64.0

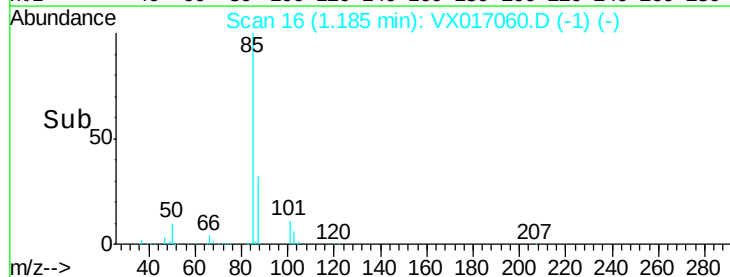
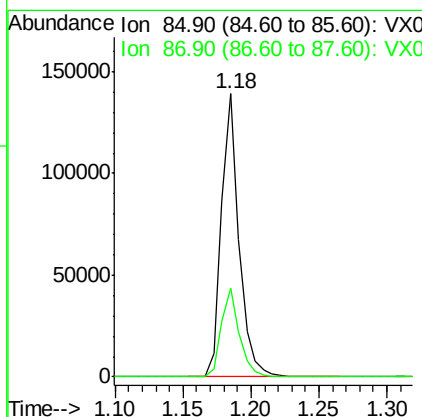
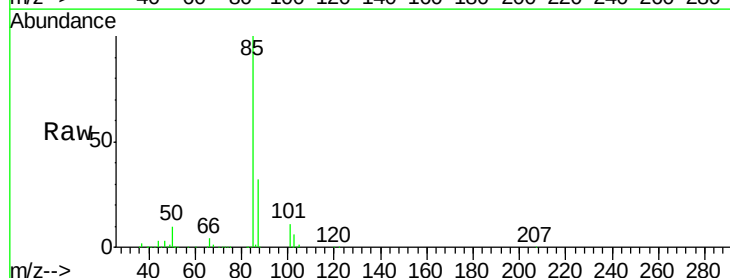
Manual Integrations
APPROVED

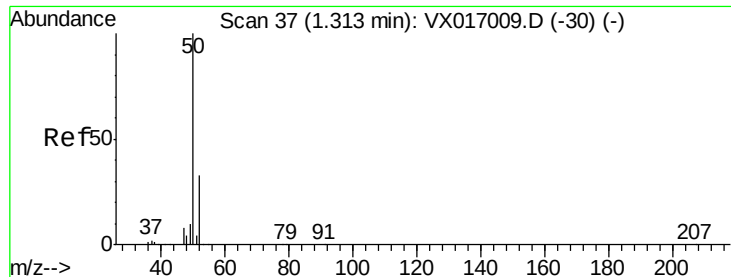
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#2
Dichlorodifluoromethane
Concen: 51.183 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.8	50.4





#3

Chloromethane

Concen: 45.641 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 135349

Ion Ratio Lower Upper

50 100

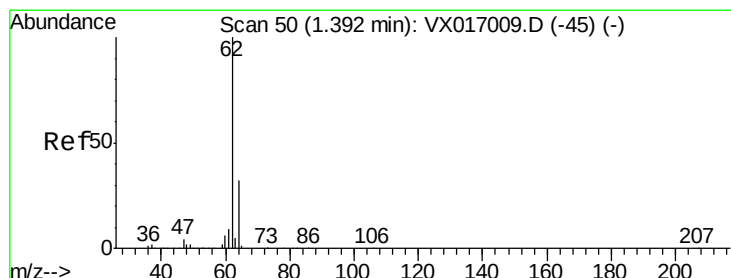
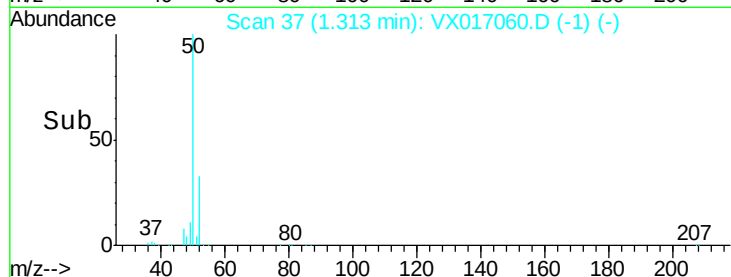
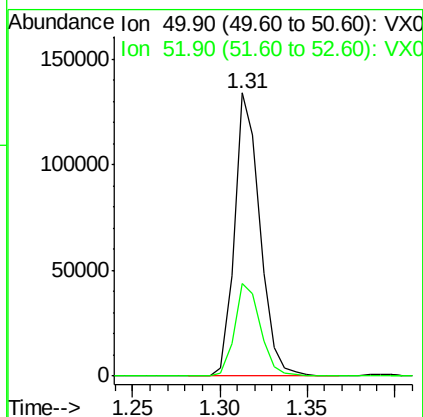
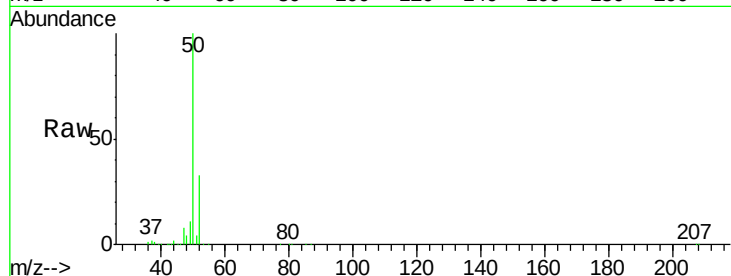
52 32.7 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.683 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017060.D

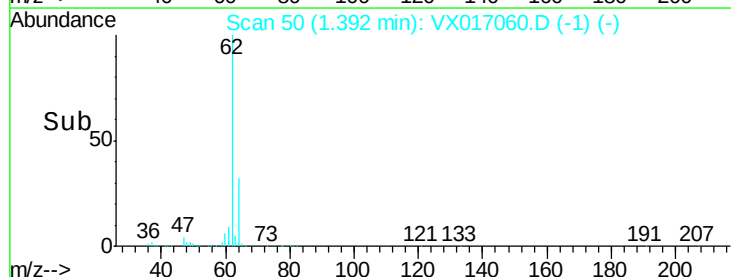
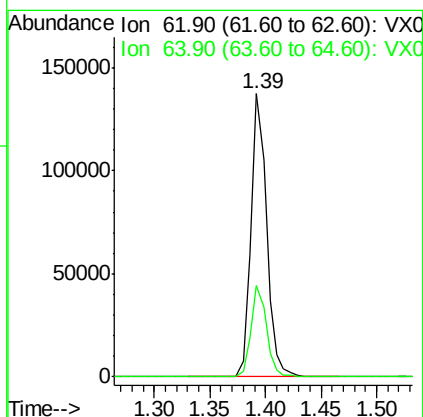
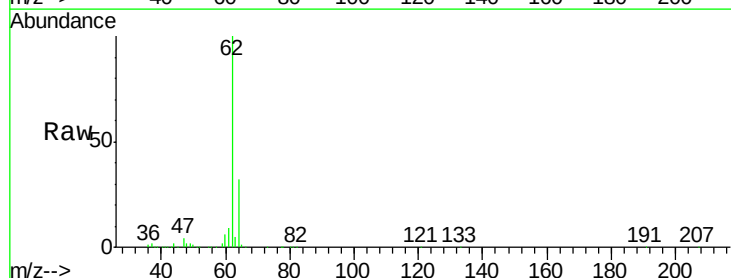
Acq: 30 Jun 2020 21:20

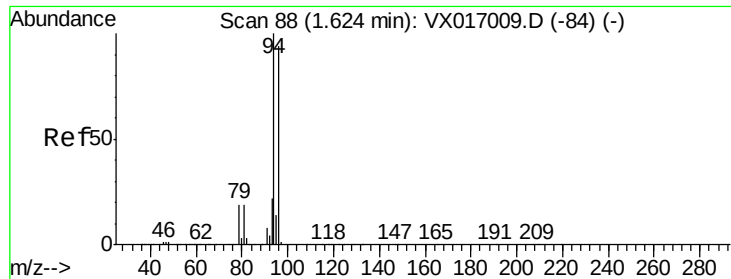
Tgt Ion: 62 Resp: 133948

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 51.234 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 74477

Ion Ratio Lower Upper

94 100

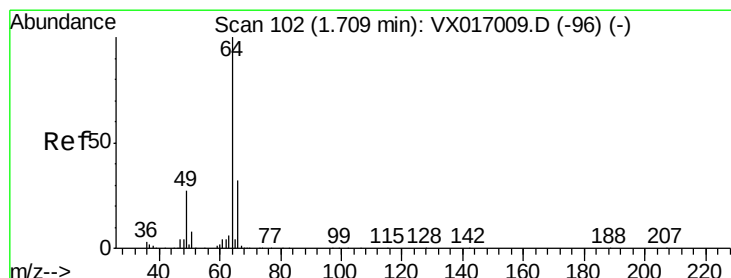
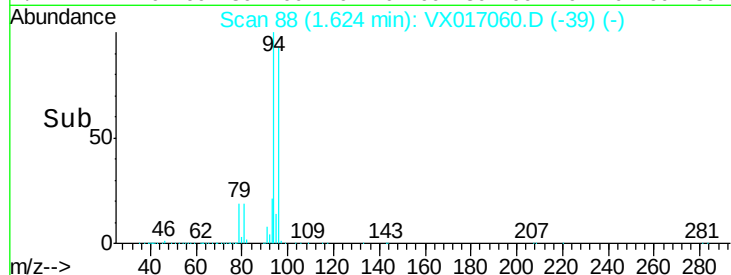
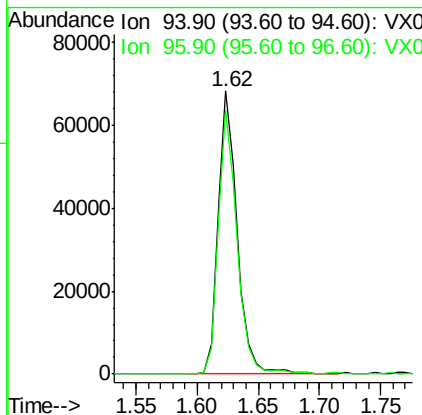
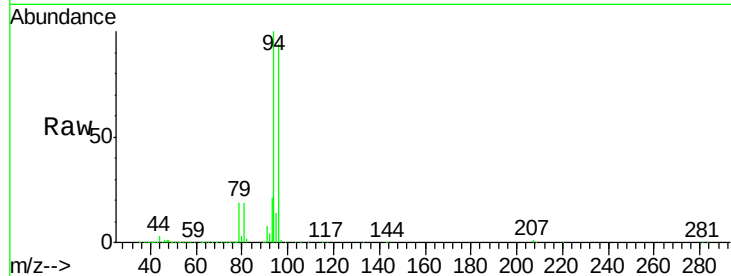
96 93.5 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 49.775 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017060.D

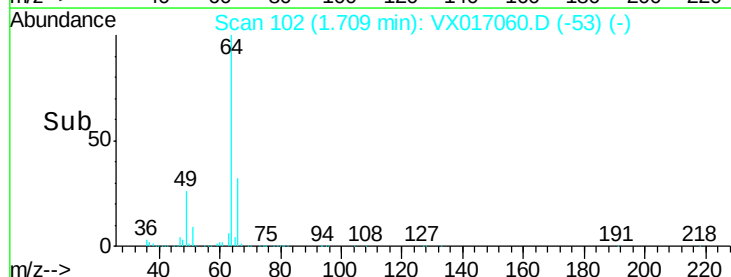
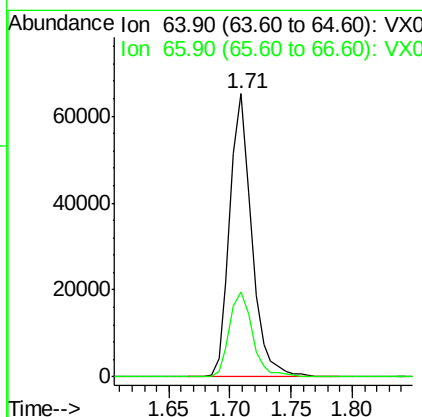
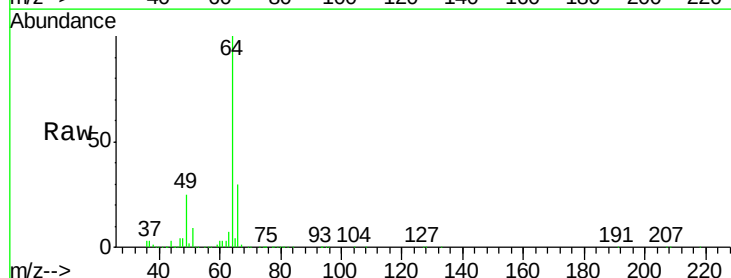
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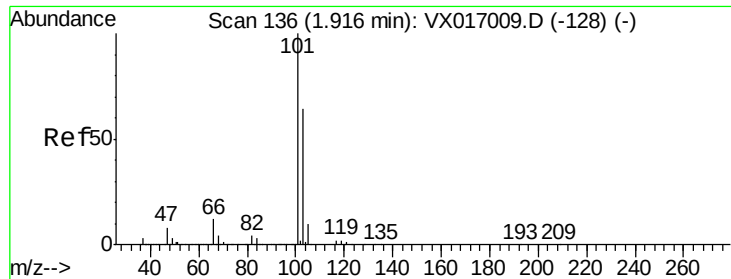
Tgt Ion: 64 Resp: 80886

Ion Ratio Lower Upper

64 100

66 30.3 25.5 38.3





#7

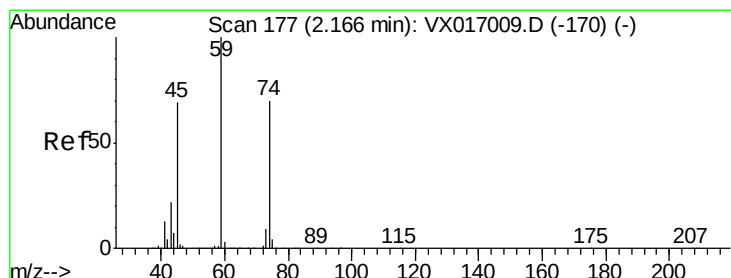
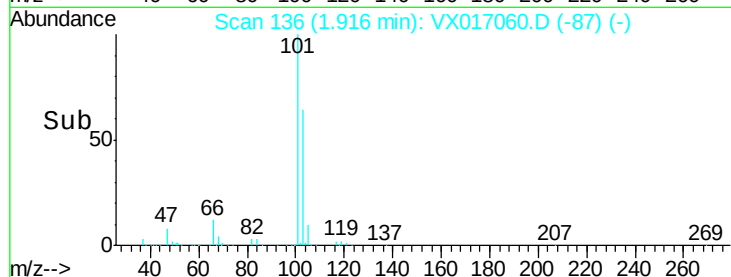
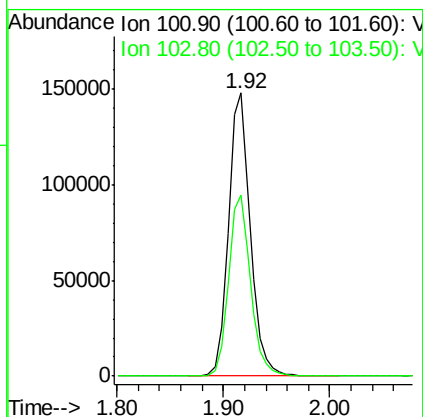
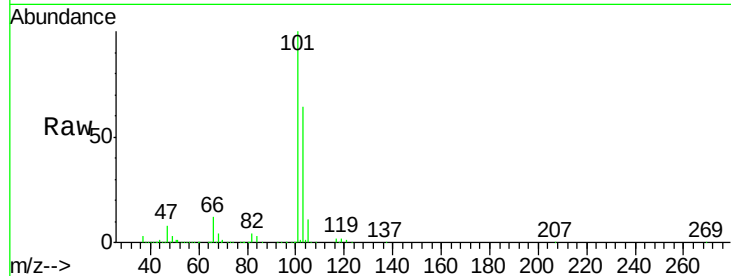
Trichlorofluoromethane
Concen: 52.193 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	212390		
103	63.7	51.5	77.3	

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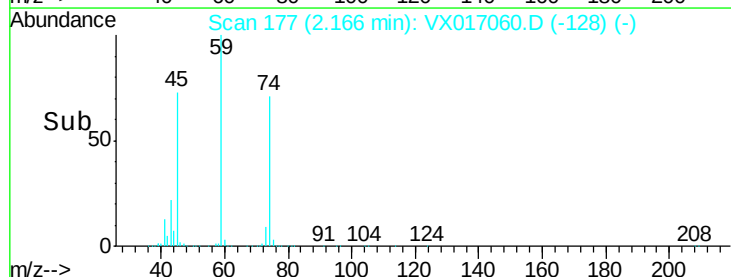
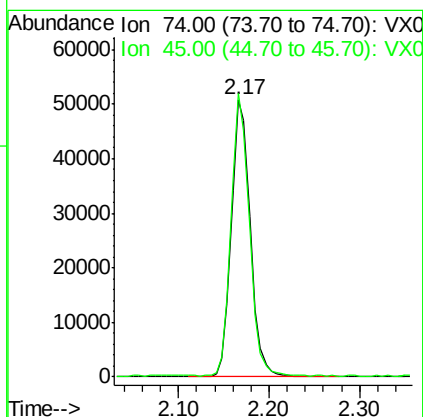
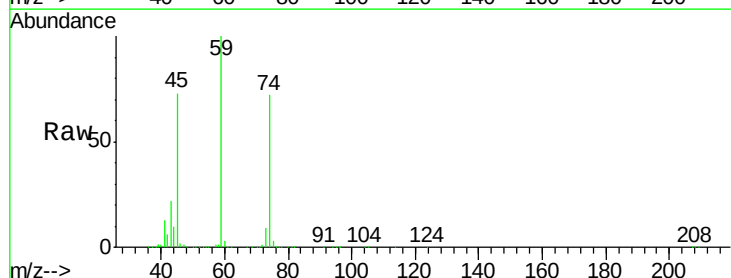
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7/1/2020 10:49:00 AM

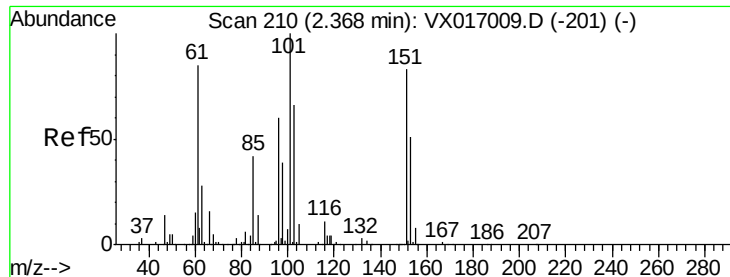


#8

Diethyl Ether
Concen: 53.853 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	73774		
45	98.1	49.8	149.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.174 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017060.D

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MSVOA_X

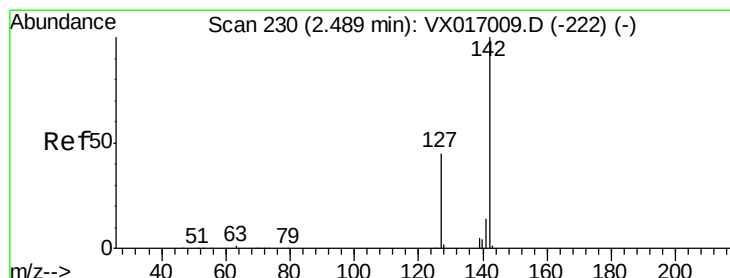
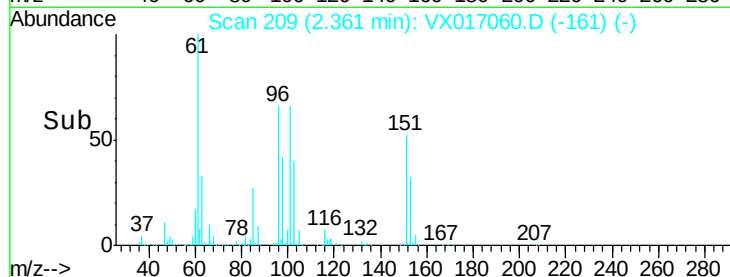
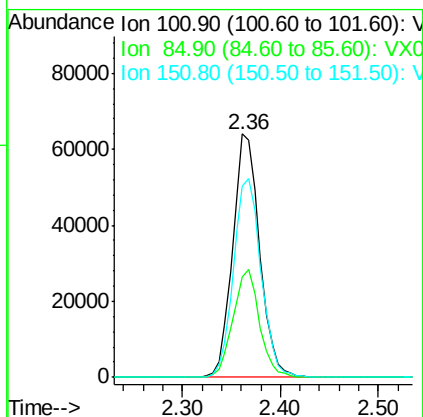
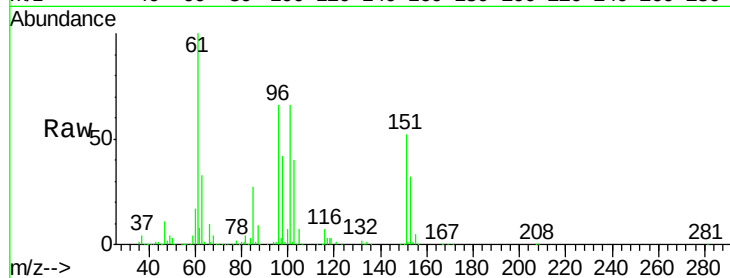
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	122371
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.5	50.3
151	83.7	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 47.105 ug/l

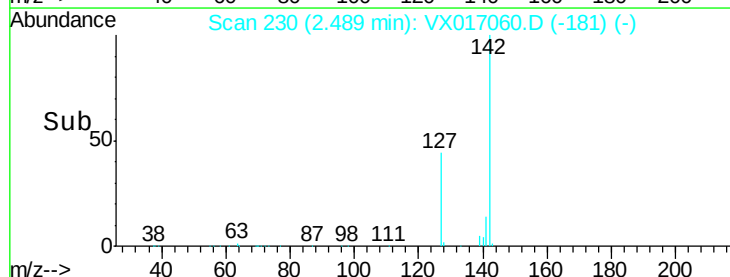
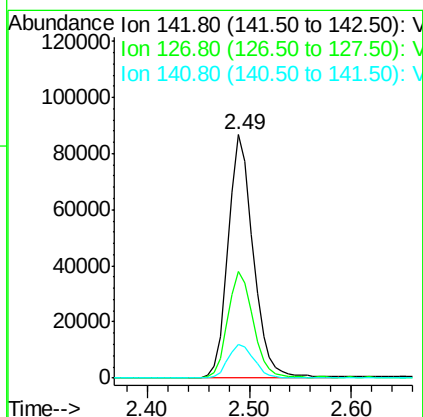
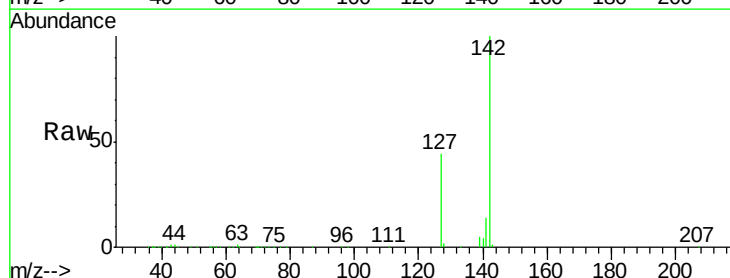
RT: 2.49 min Scan# 230

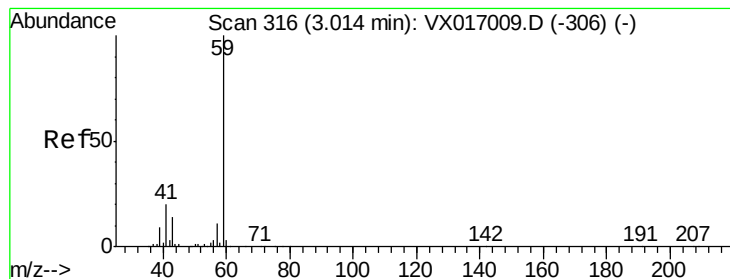
Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion:	142	Resp:	148241
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.6	54.8
141	14.4	11.6	17.4





#11

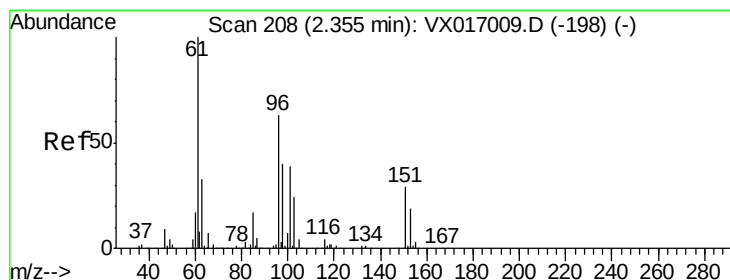
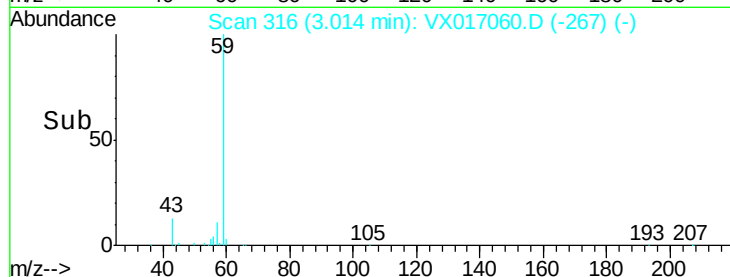
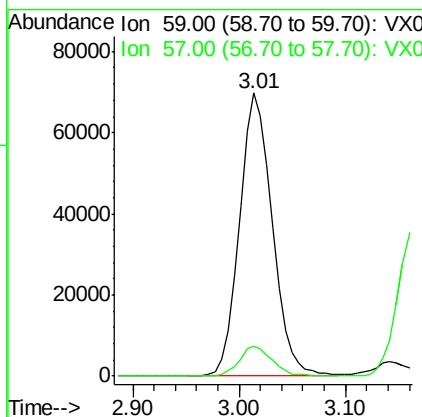
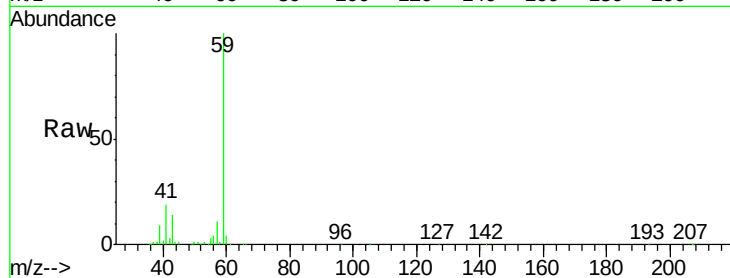
Tert butyl alcohol
Concen: 254.341 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

Manual Integrations
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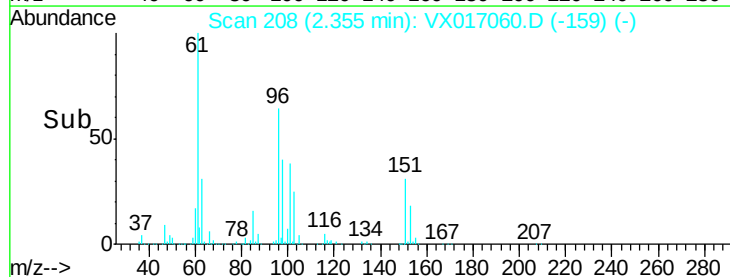
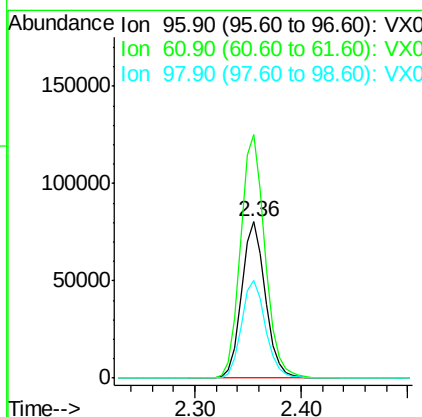
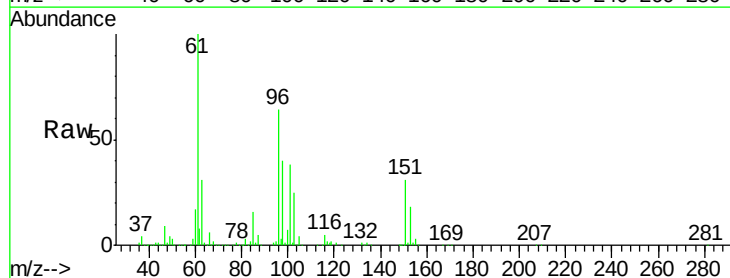
MMDadoda
7/1/2020 10:49:00 AM

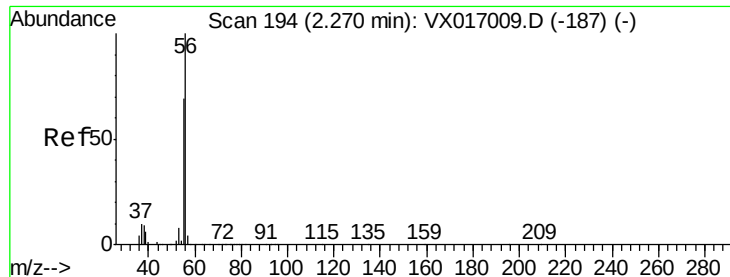


#12

1,1-Dichloroethene
Concen: 50.188 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	126.3	189.5
98	62.3	51.0	76.6





#13

Acrolein

Concen: 234.527 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 83497

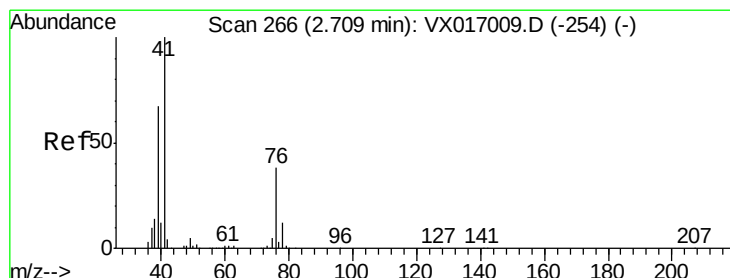
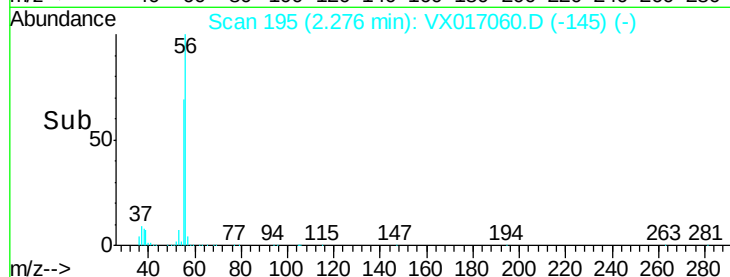
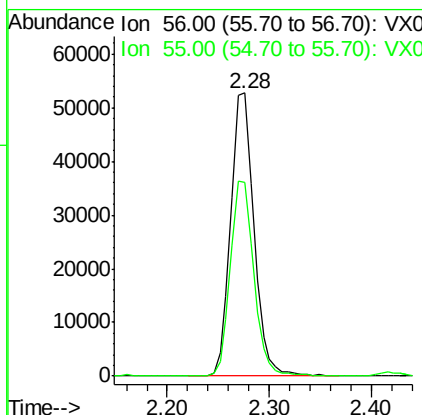
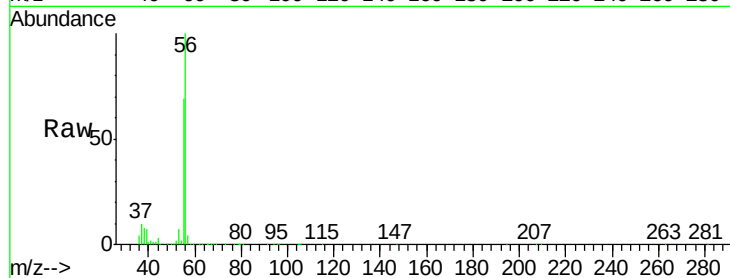
Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5

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#14

Allyl chloride

Concen: 48.436 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

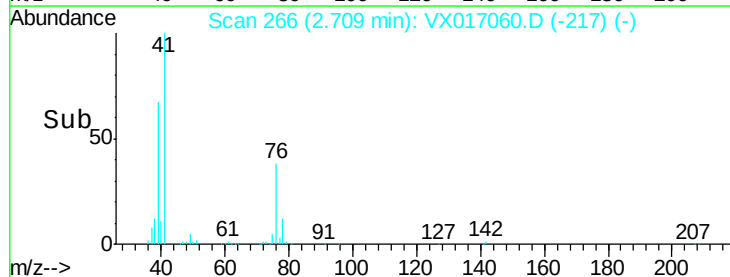
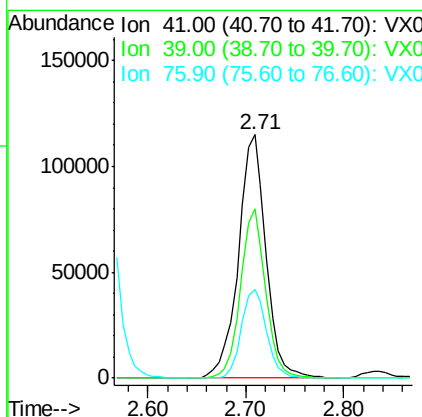
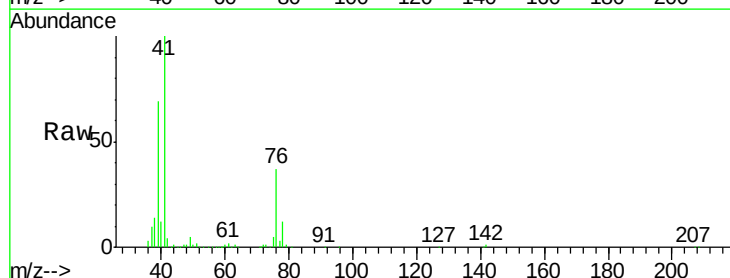
Tgt Ion: 41 Resp: 224272

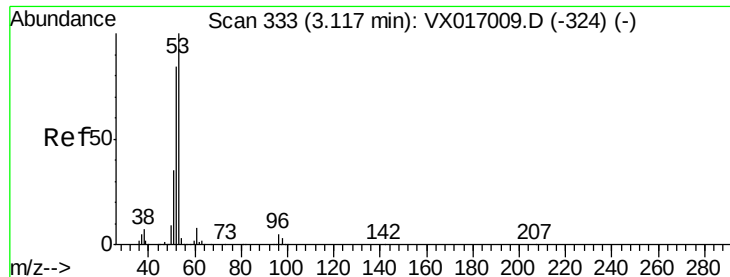
Ion Ratio Lower Upper

41 100

39 63.2 49.4 74.2

76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 259.767 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

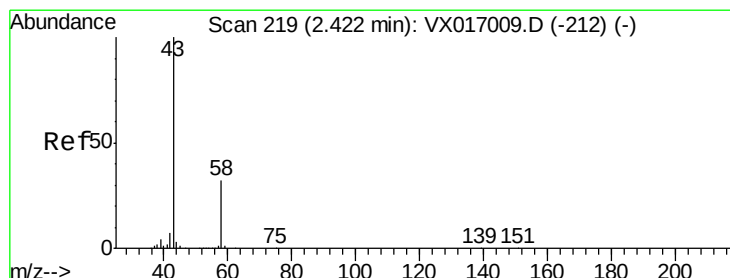
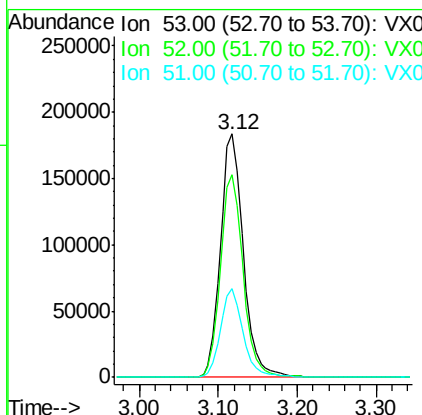
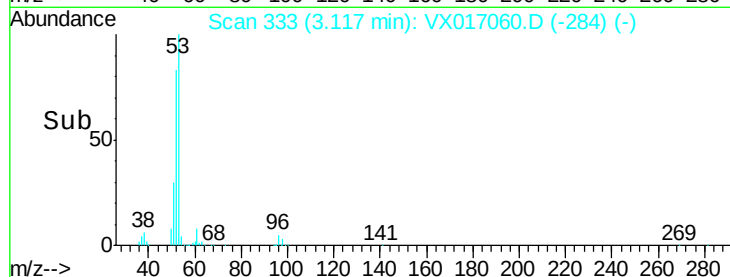
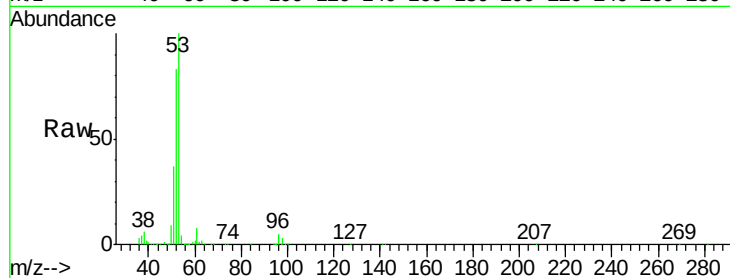
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	371917
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.6	98.4
51	36.3	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 260.729 ug/l

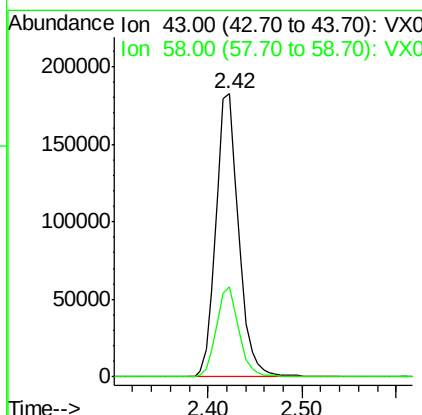
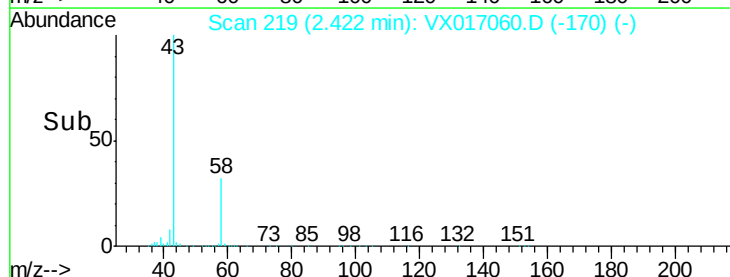
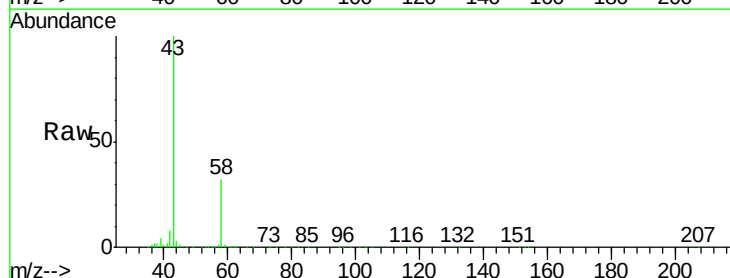
RT: 2.42 min Scan# 219

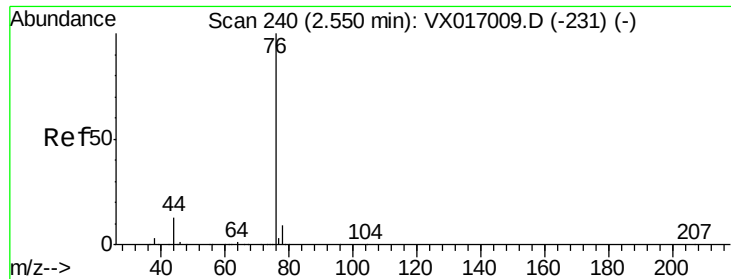
Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion:	43	Resp:	304502
Ion Ratio	Lower	Upper	
43	100		
58	31.8	25.7	38.5





#17

Carbon Disulfide

Concen: 51.891 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 362802

Ion Ratio Lower Upper

76 100

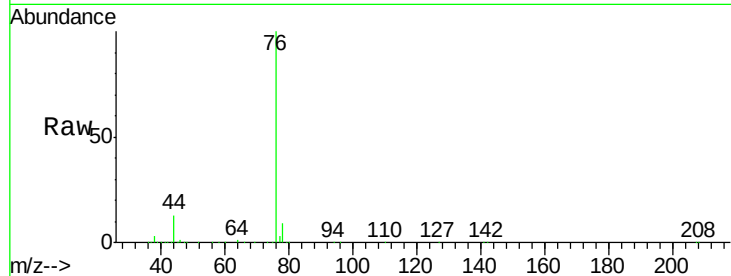
78 9.2 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

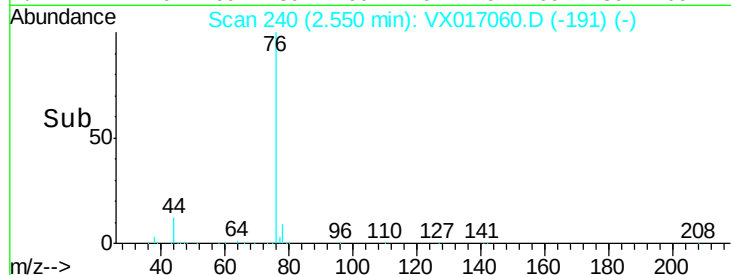
150000

100000

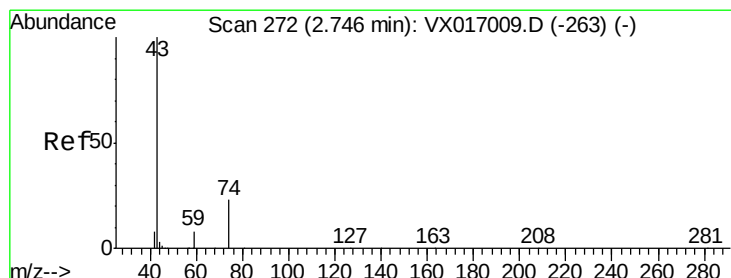
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 52.816 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017060.D

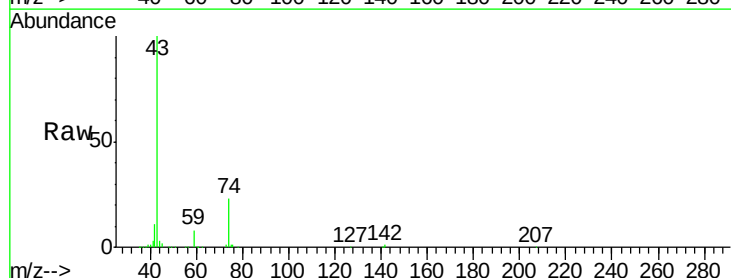
Acq: 30 Jun 2020 21:20

Tgt Ion: 43 Resp: 161023

Ion Ratio Lower Upper

43 100

74 24.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

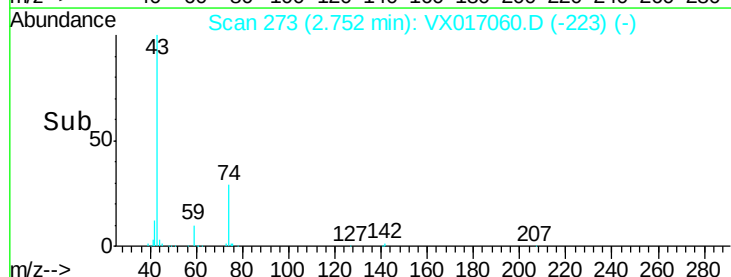
60000

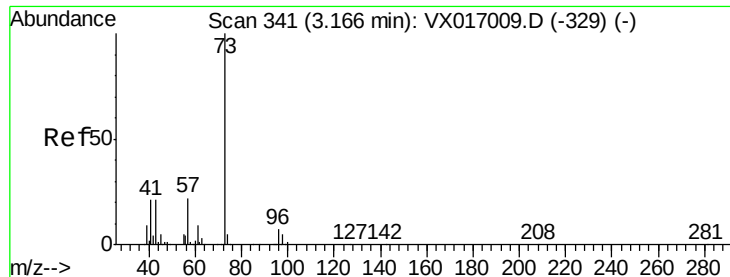
40000

20000

0

Time-->





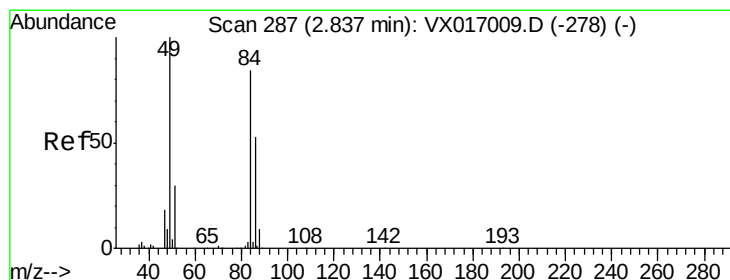
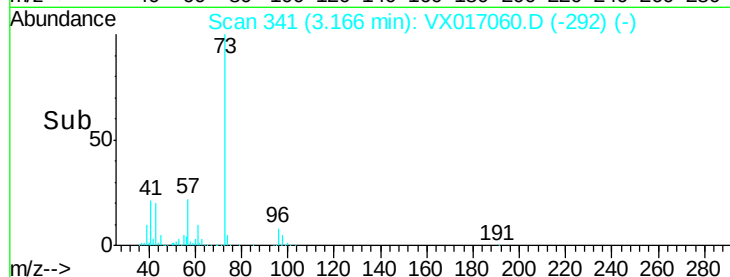
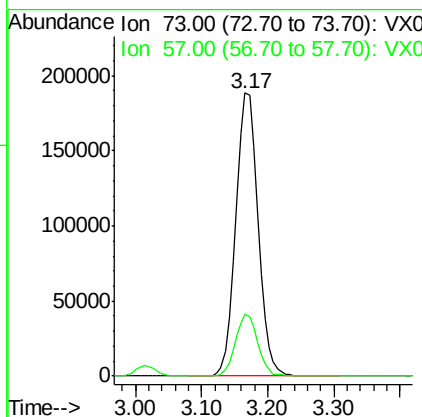
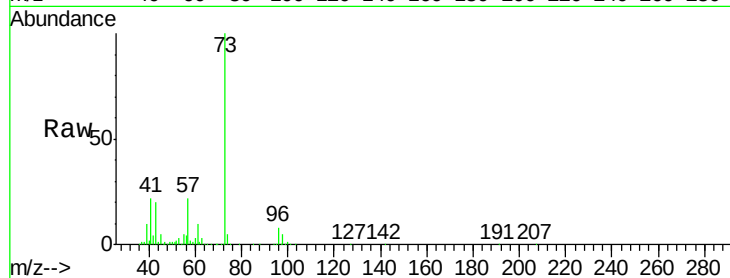
#19
Methyl tert-butyl Ether
Concen: 52.517 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.6	26.4

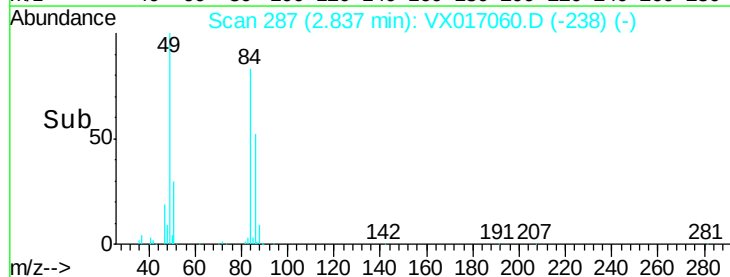
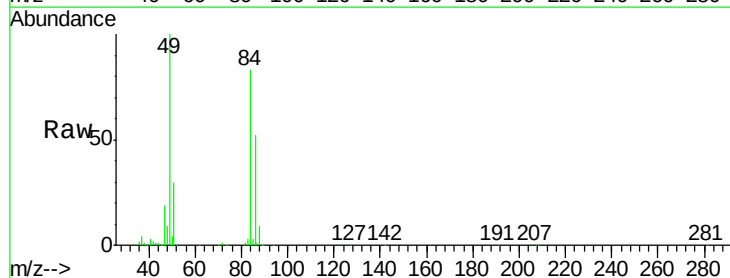
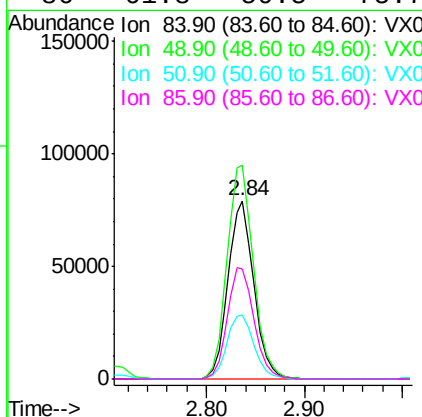
Manual Integrations
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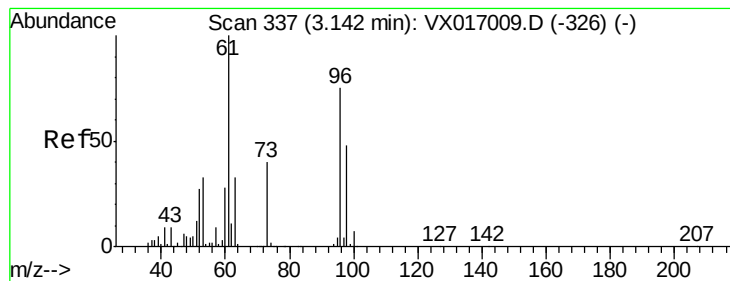
MMDadoda
7/1/2020 10:49:00 AM



#20
Methylene Chloride
Concen: 54.067 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.9	94.7	142.1
51	35.9	28.6	42.8
86	61.8	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 51.360 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

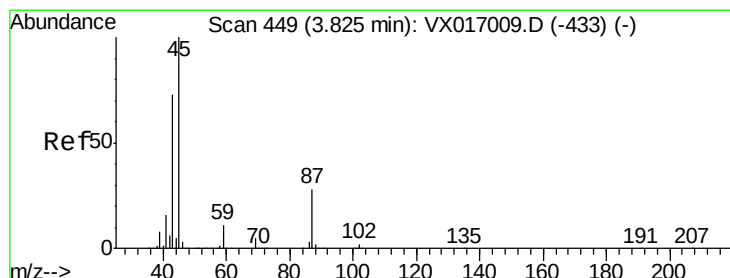
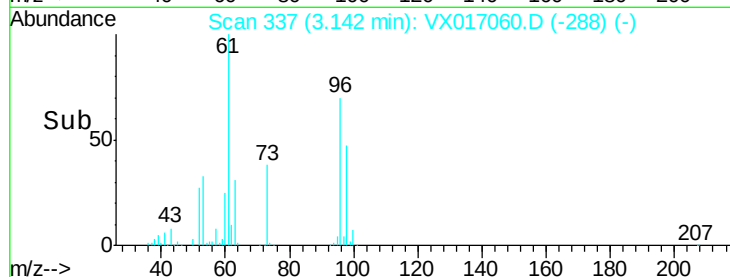
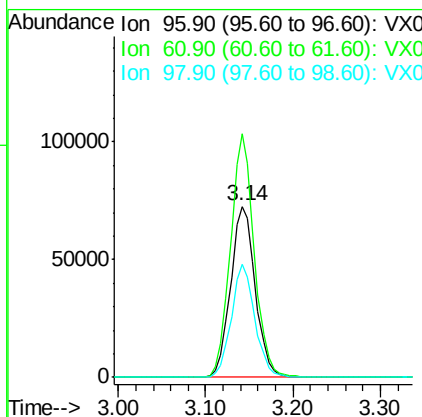
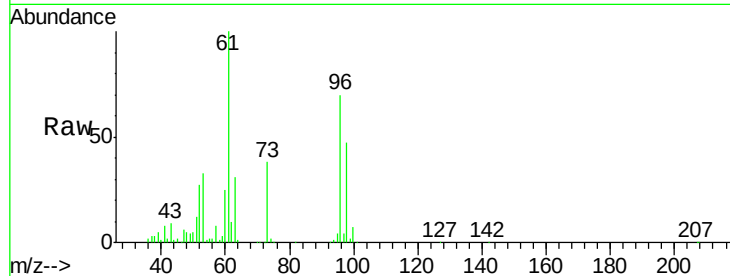
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	142802
Ion	Ratio	Lower	Upper
96	100		
61	142.5	107.0	160.6
98	66.4	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.338 ug/l

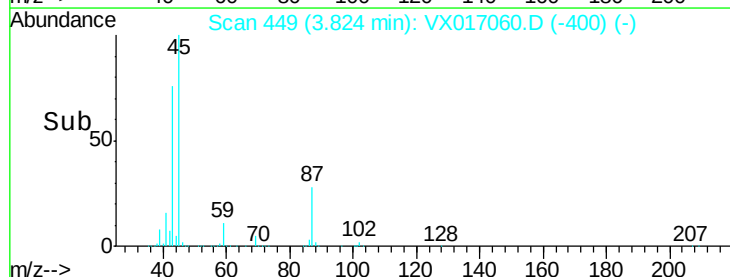
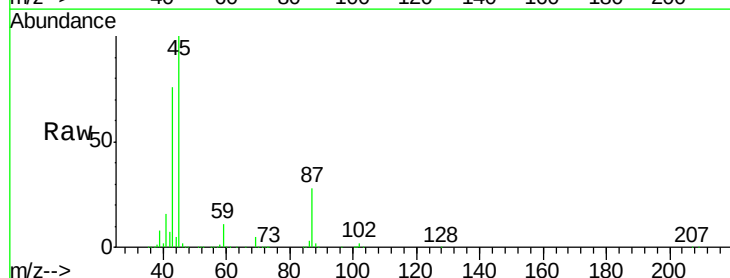
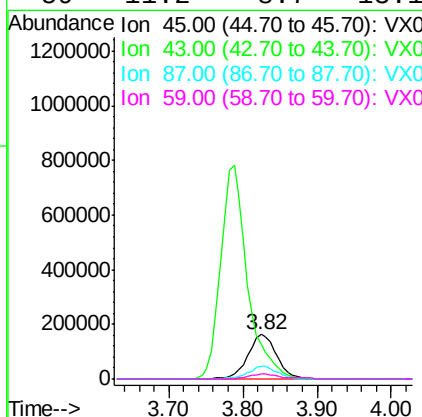
RT: 3.82 min Scan# 449

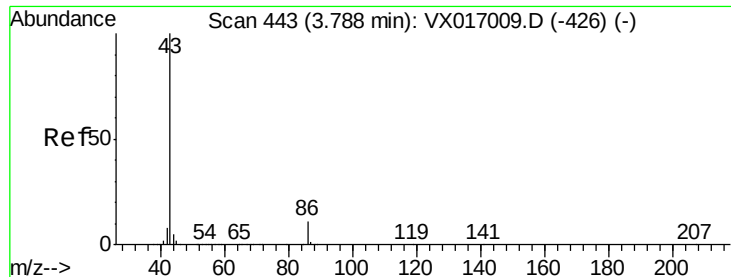
Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion:	45	Resp:	439960
Ion	Ratio	Lower	Upper
45	100		
43	76.3	58.6	88.0
87	27.7	22.6	34.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 266.352 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1961460

Ion Ratio Lower Upper

43 100

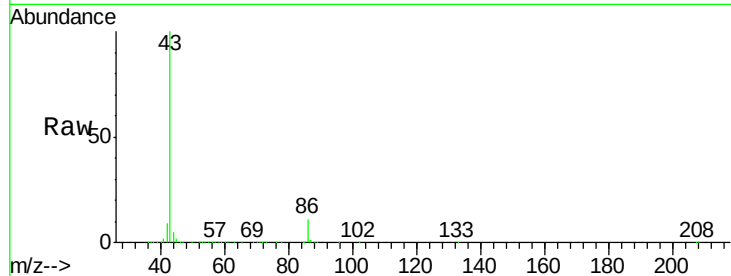
86 10.8 8.6 13.0

Manual Integrations

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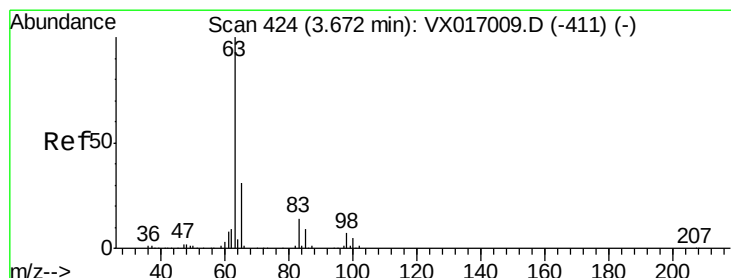
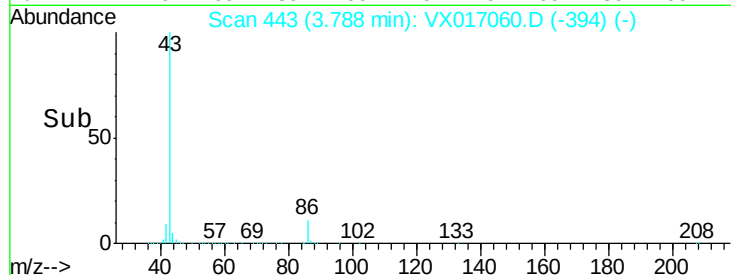
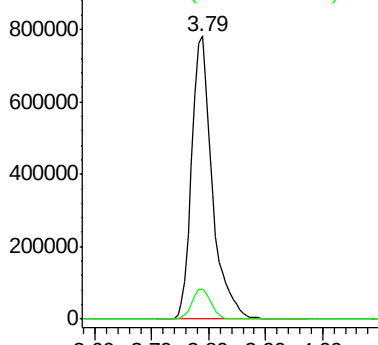
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.932 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

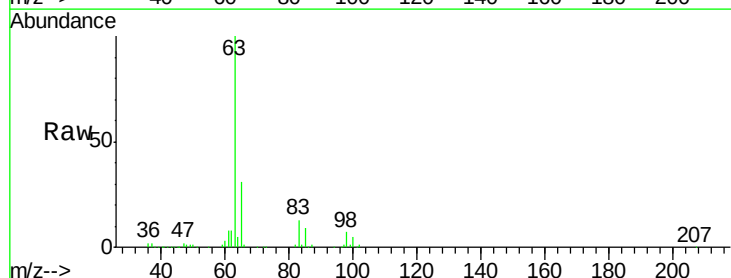
Tgt Ion: 63 Resp: 248355

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

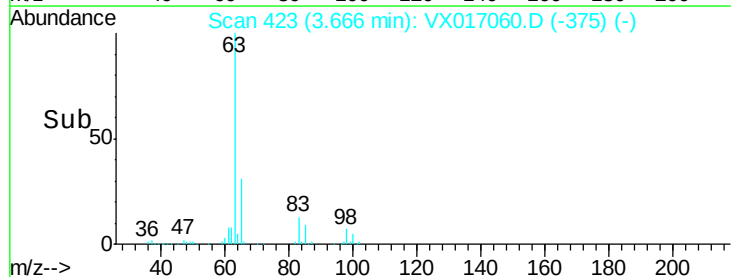
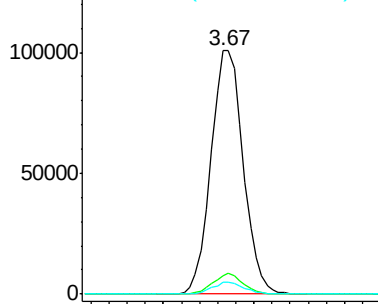
100 4.9 2.4 7.1

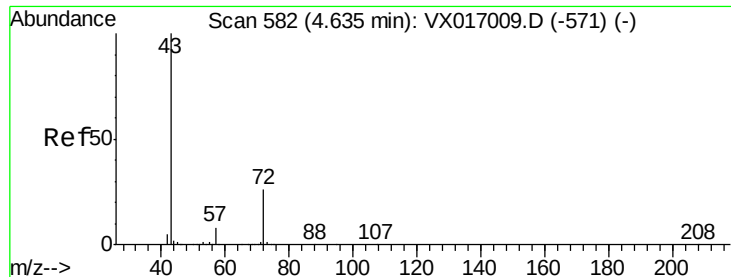


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.799 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 503624

Ion Ratio Lower Upper

43 100

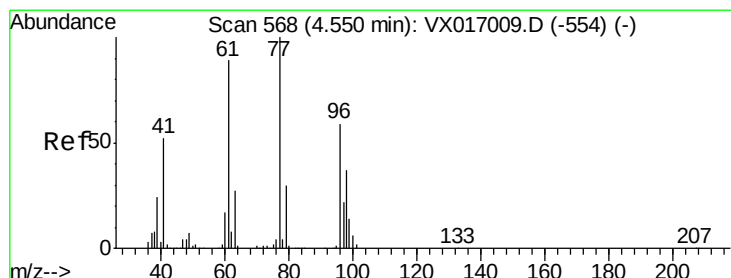
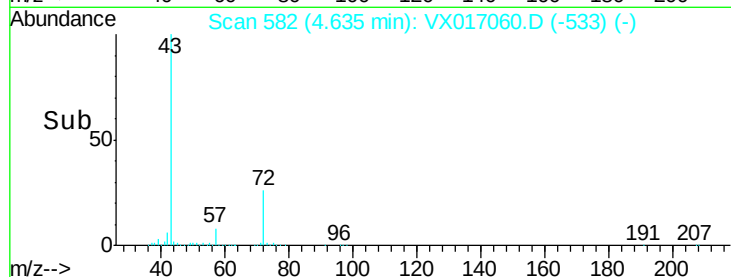
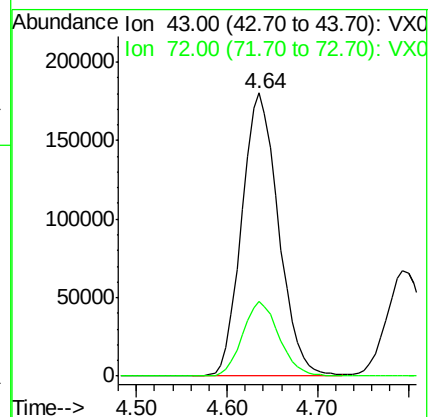
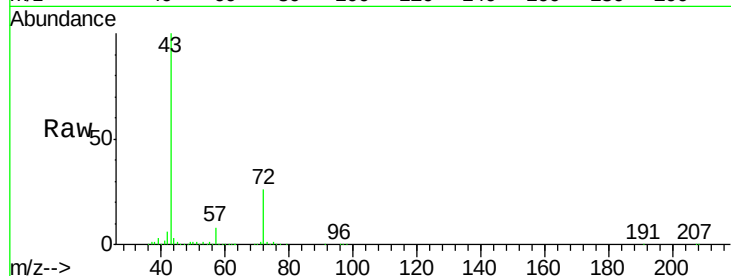
72 26.2 20.8 31.2

Manual Integrations

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7/1/2020 10:49:00 AM



#26

2,2-Dichloropropane

Concen: 43.440 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017060.D

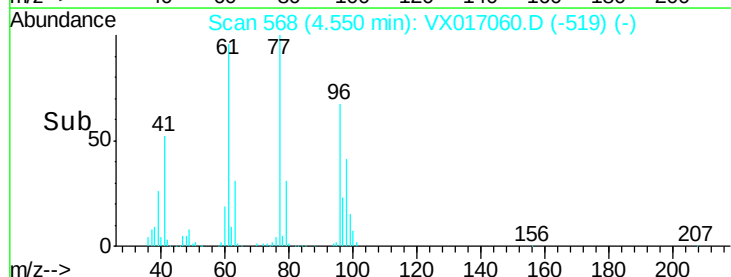
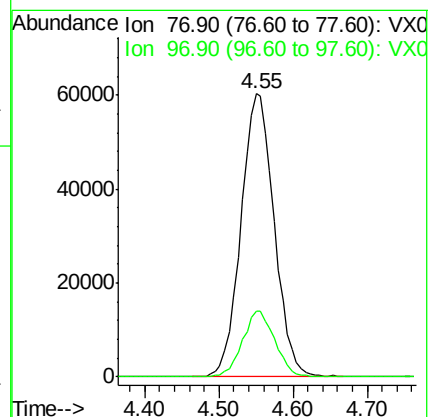
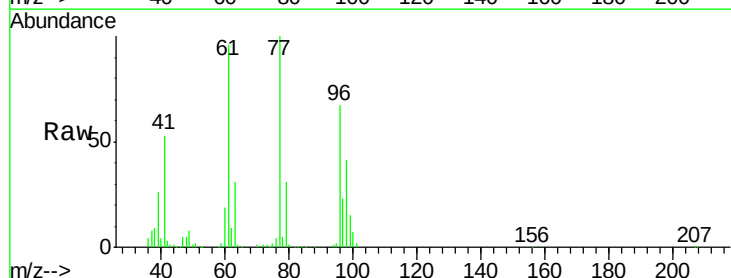
Acq: 30 Jun 2020 21:20

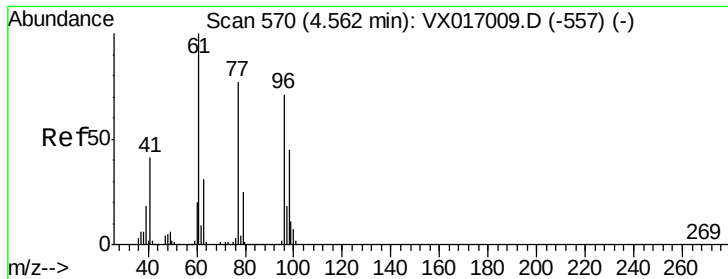
Tgt Ion: 77 Resp: 188080

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

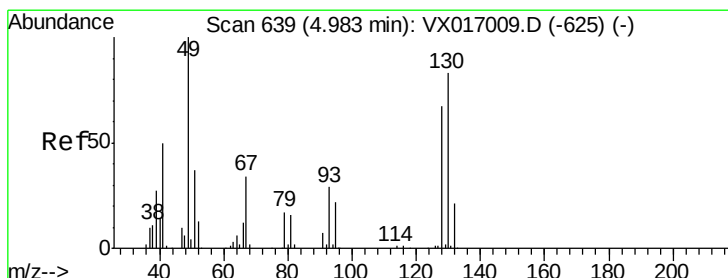
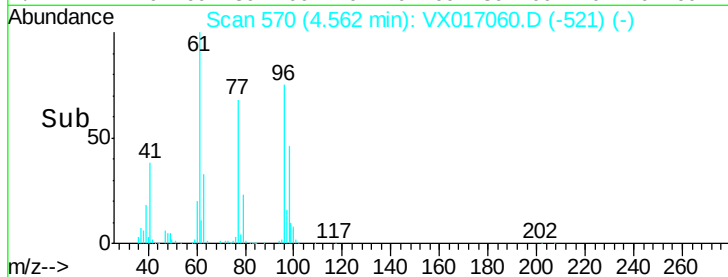
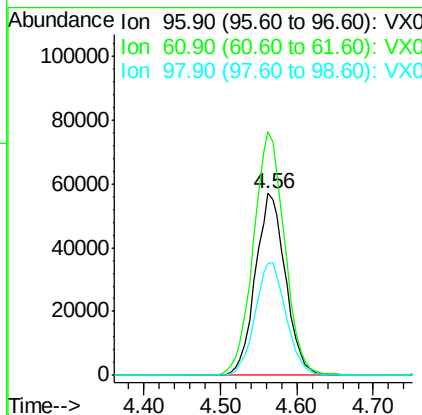
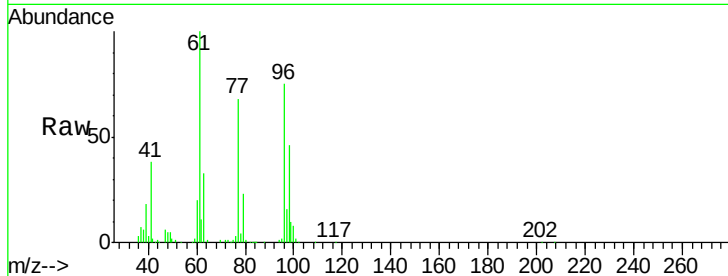
cis-1,2-Dichloroethene
Concen: 49.630 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	282.8
98	63.6	0.0	127.6

Manual Integrations
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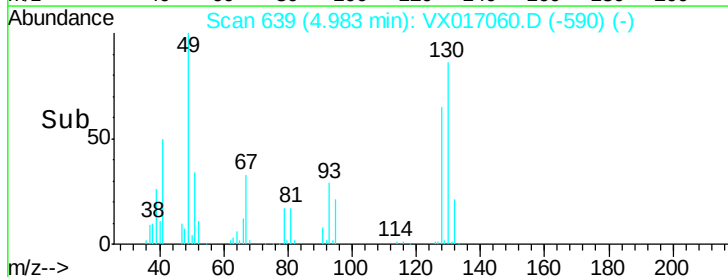
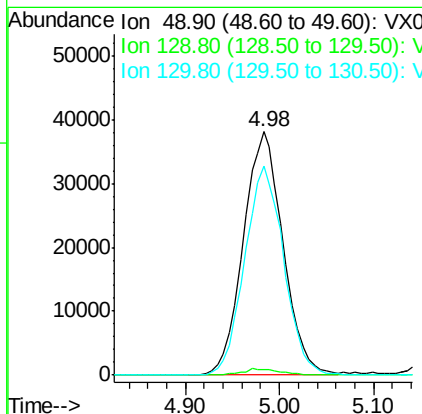
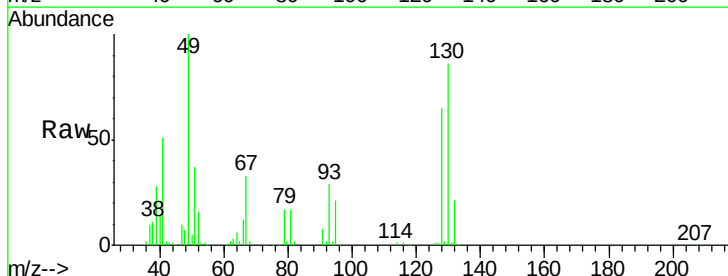
MMDadoda
7/1/2020 10:49:00 AM

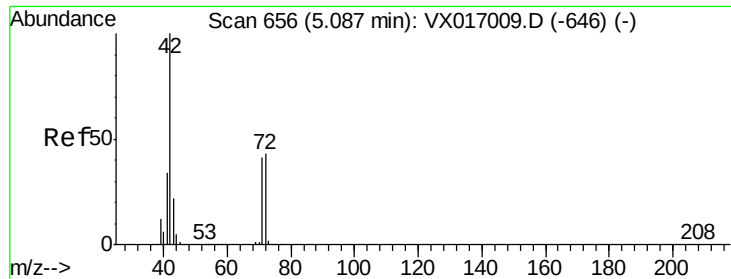


#28

Bromochloromethane
Concen: 47.353 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	84.9	66.6	100.0





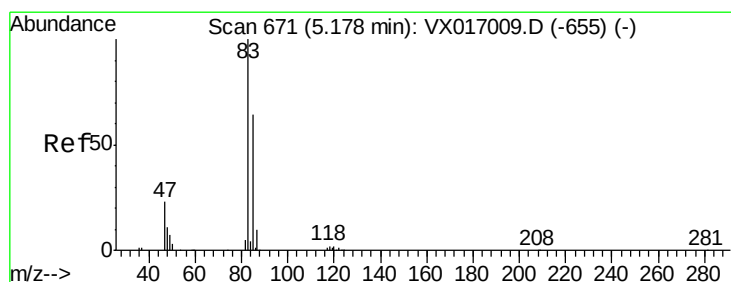
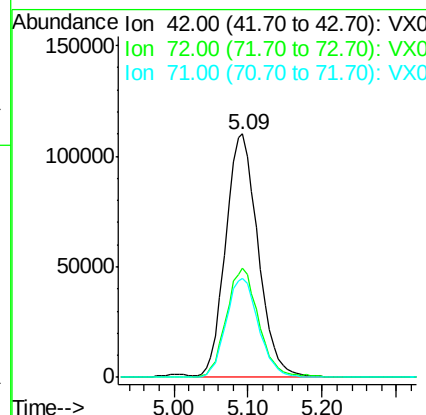
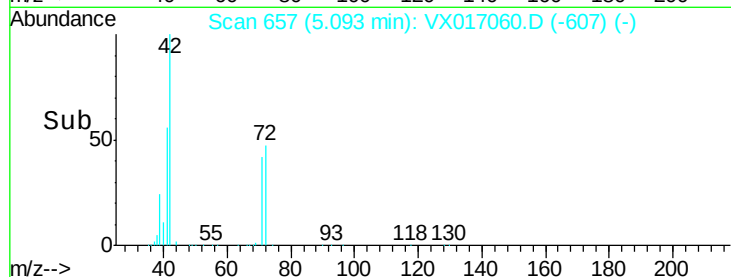
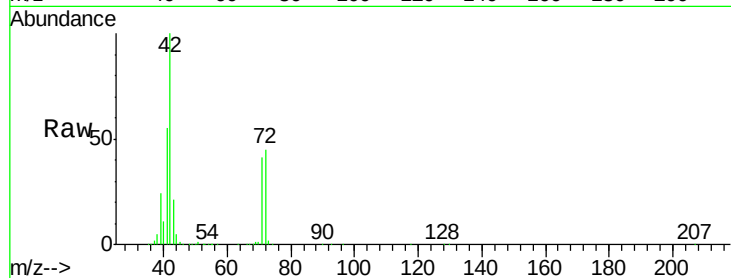
#29
Tetrahydrofuran
Concen: 259.264 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	333353
Ion Ratio	Lower	Upper	
42	100		
72	45.2	35.3	52.9
71	41.0	33.1	49.7

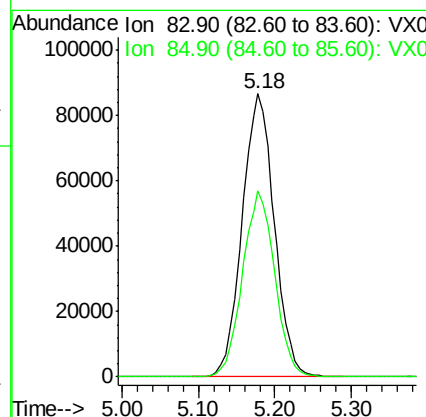
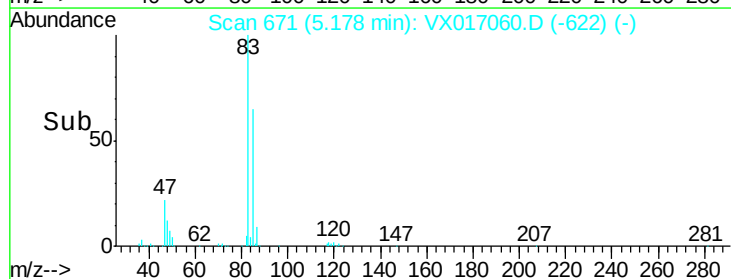
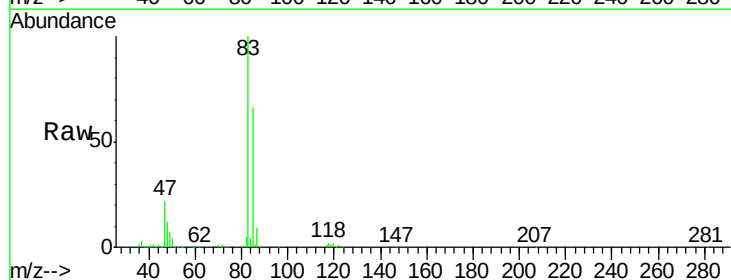
Manual Integrations
APPROVED

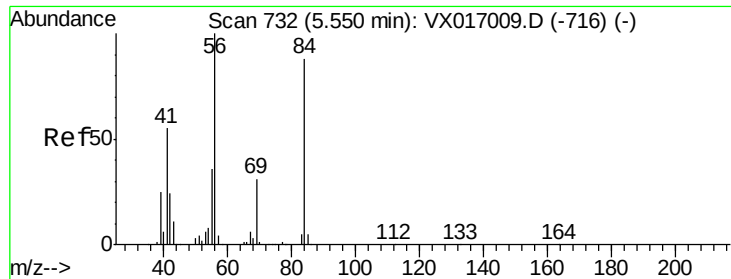
MMDadoda
7/1/2020 10:49:00 AM



#30
Chloroform
Concen: 50.602 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion:	83	Resp:	252941
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.4	77.2





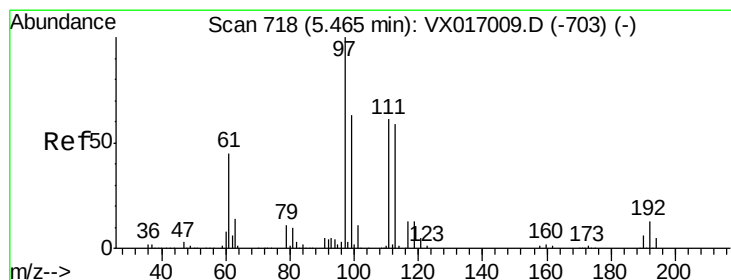
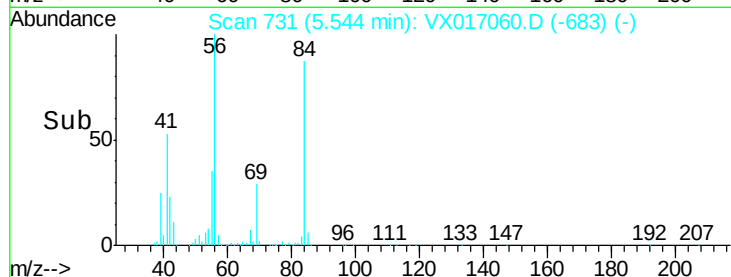
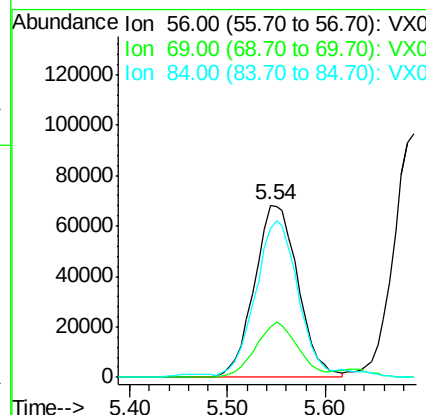
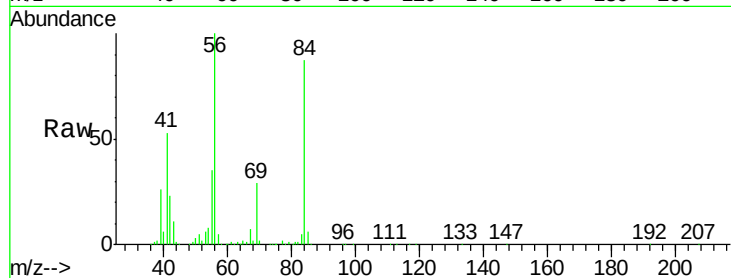
#31
Cyclohexane
Concen: 50.222 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.0	37.4
84	85.0	69.1	103.7

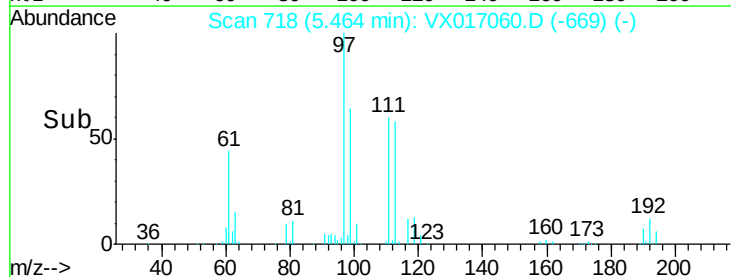
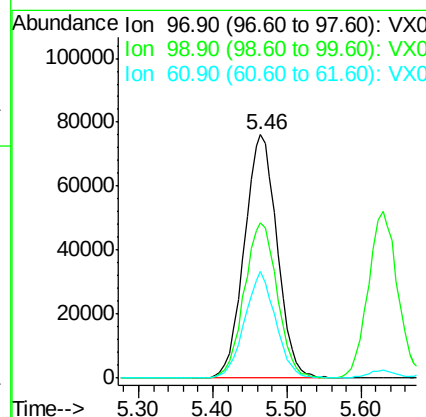
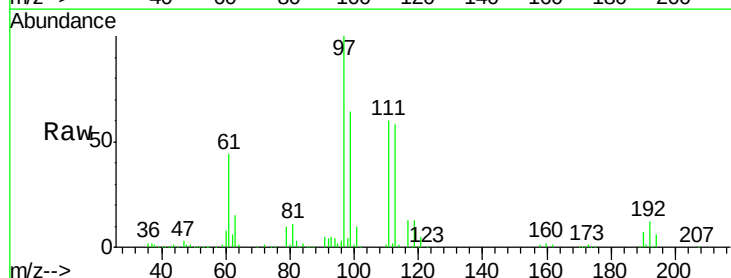
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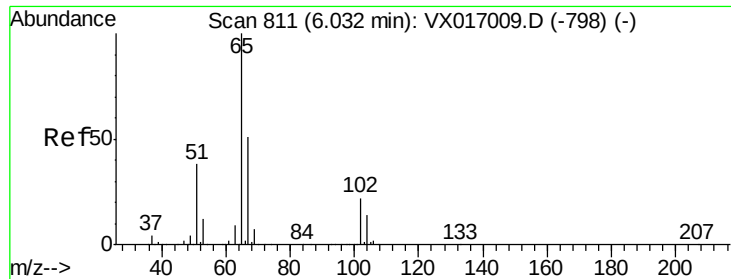
MMDadoda
7/1/2020 10:49:00 AM



#32
1,1,1-Trichloroethane
Concen: 50.965 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.8	76.2
61	41.4	33.7	50.5





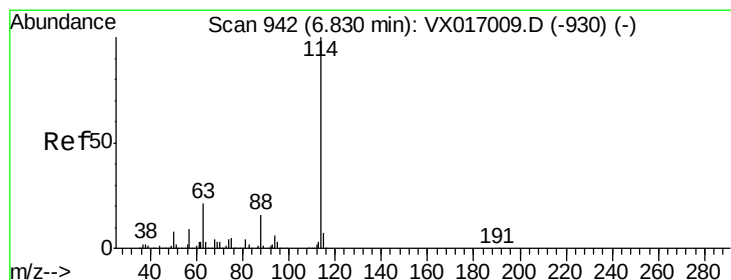
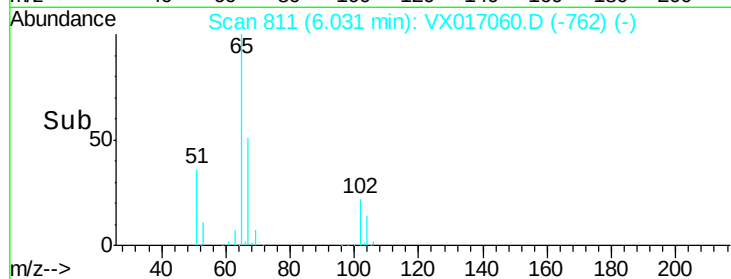
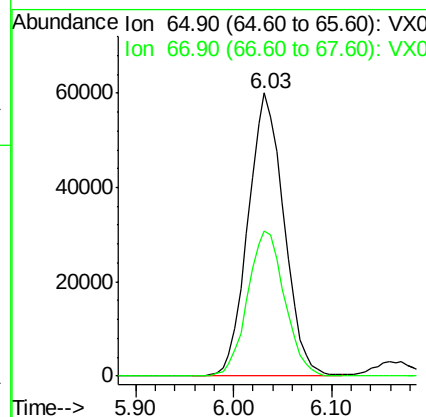
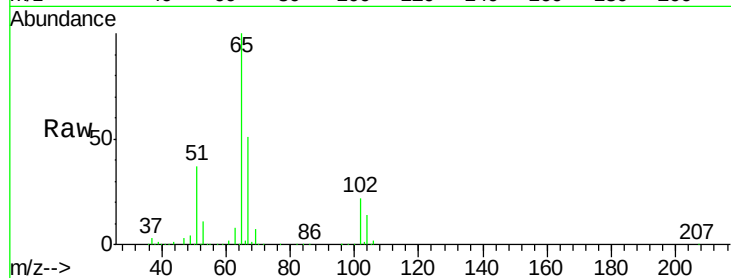
#33
 1,2-Dichloroethane-d4
 Concen: 48.983 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.8

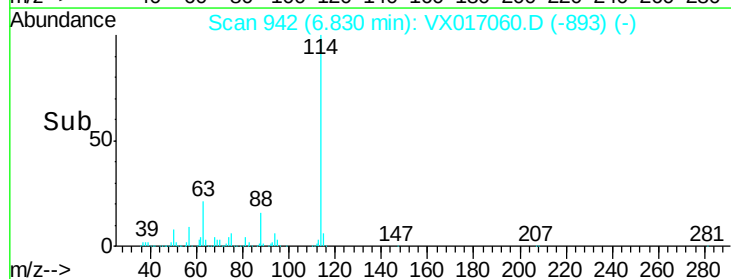
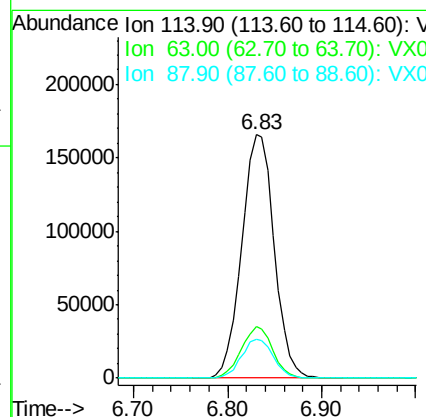
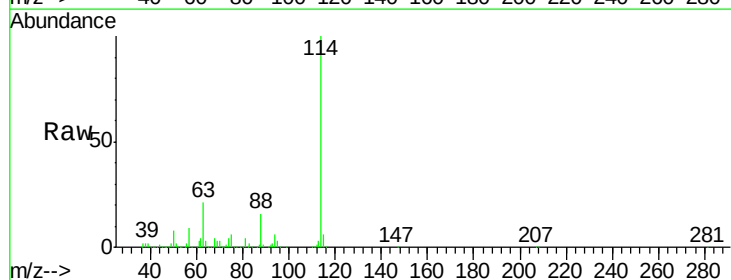
Manual Integrations
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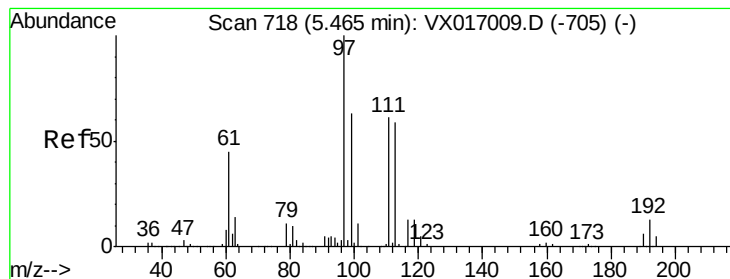
MMDadoda
 7/1/2020 10:49:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.4
88	15.8	0.0	32.4





#35

Dibromofluoromethane

Concen: 50.377 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

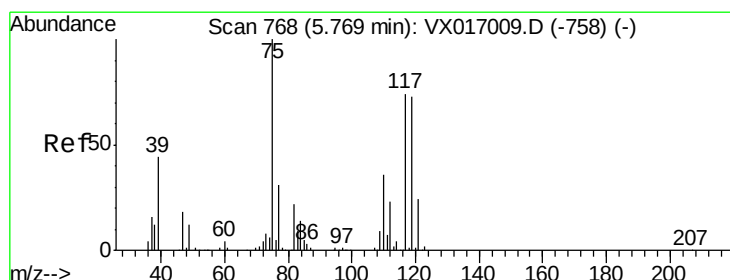
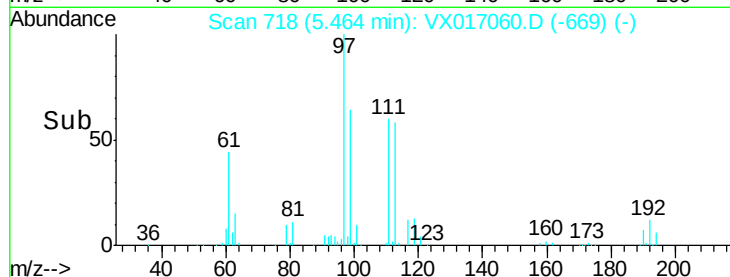
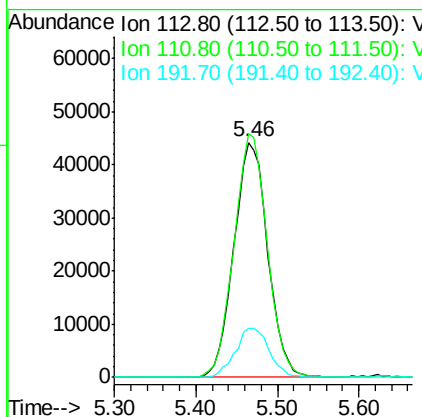
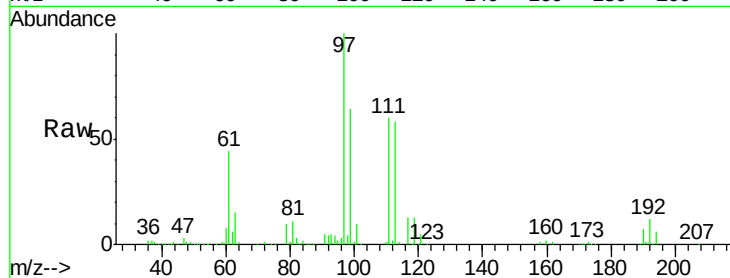
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	127021
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.9	122.9
192	21.0	16.7	25.1

Manual Integrations
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7/1/2020 10:49:00 AM



#36

1,1-Dichloropropene

Concen: 50.476 ug/l

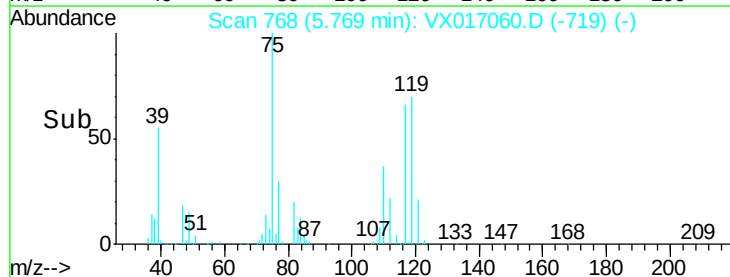
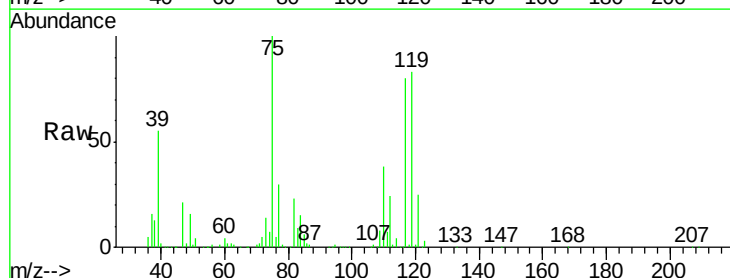
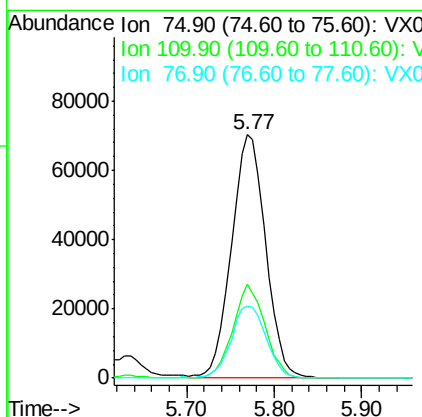
RT: 5.77 min Scan# 768

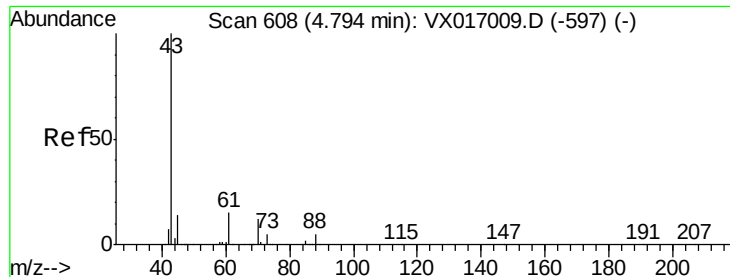
Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion:	75	Resp:	190153
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.1
77	30.6	24.6	37.0





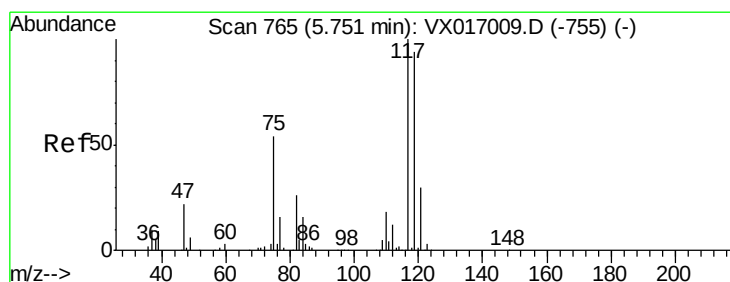
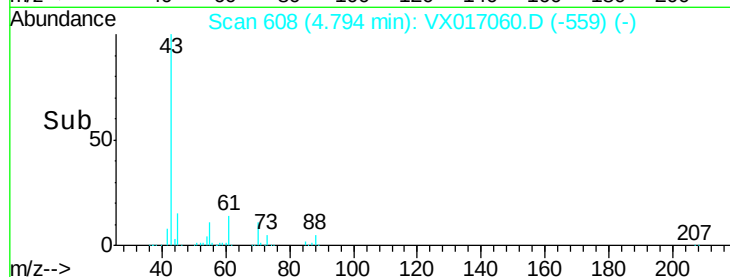
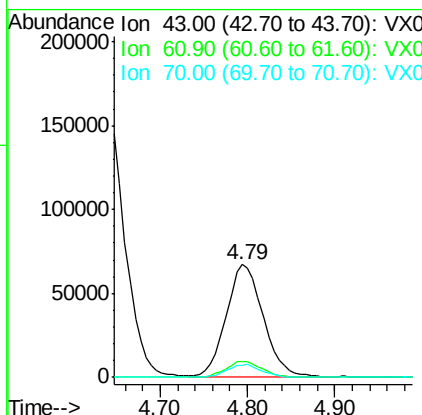
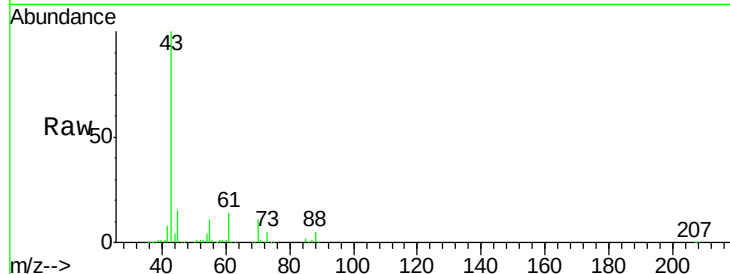
#37
Ethyl Acetate
Concen: 51.321 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	11.2	8.9	13.3

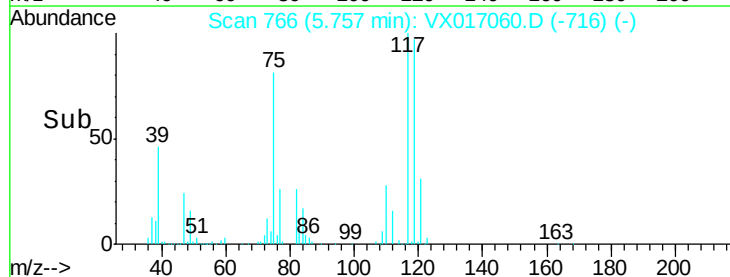
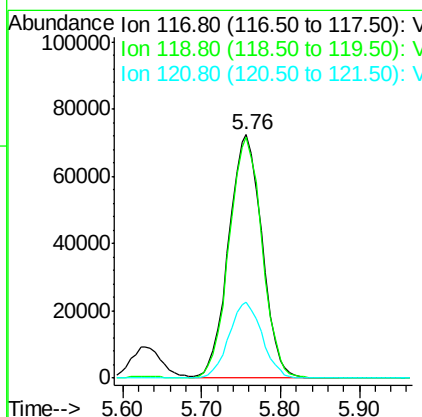
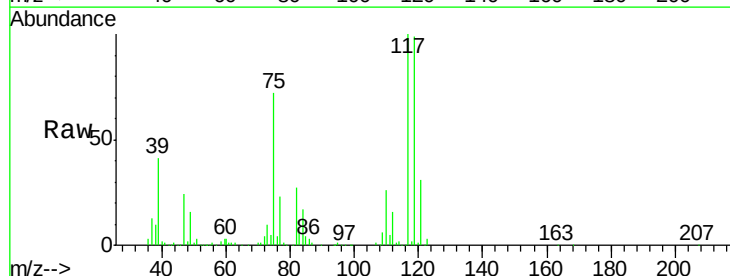
Manual Integrations
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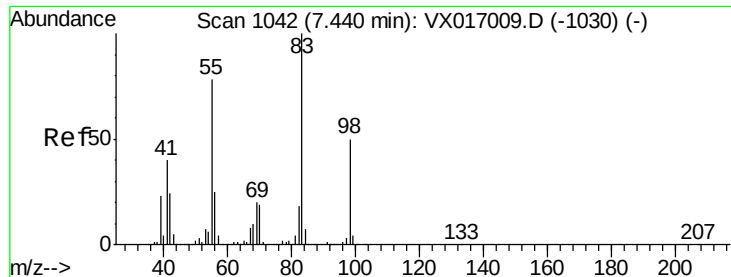
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#38
Carbon Tetrachloride
Concen: 51.357 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.4	113.0
121	31.2	23.8	35.6





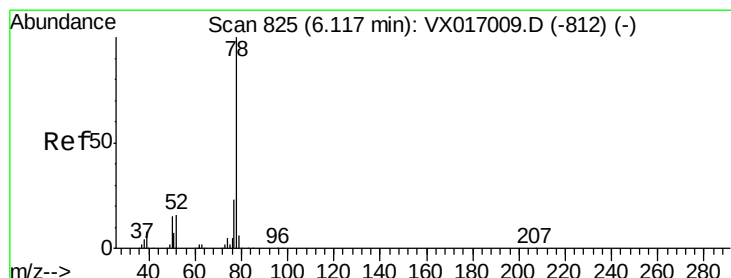
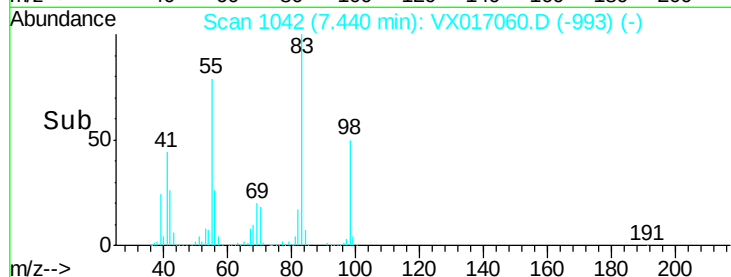
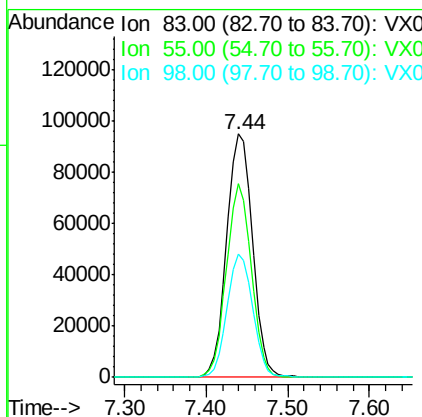
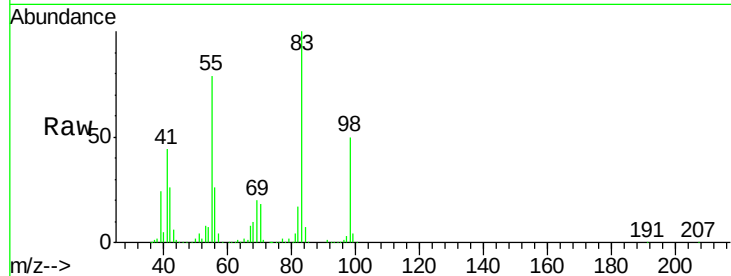
#39
Methylvlcyclohexane
Concen: 49.794 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	208711		
55	79.2		62.5	93.7
98	50.4		40.1	60.1

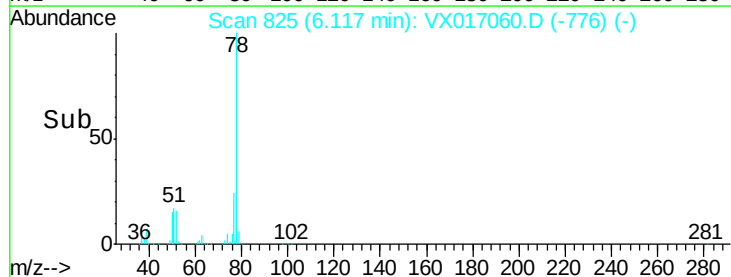
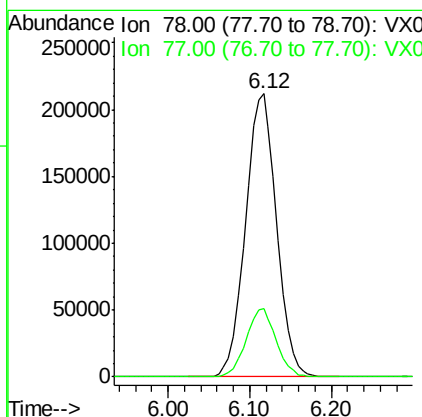
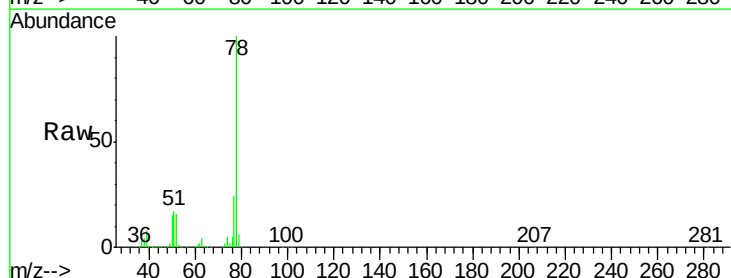
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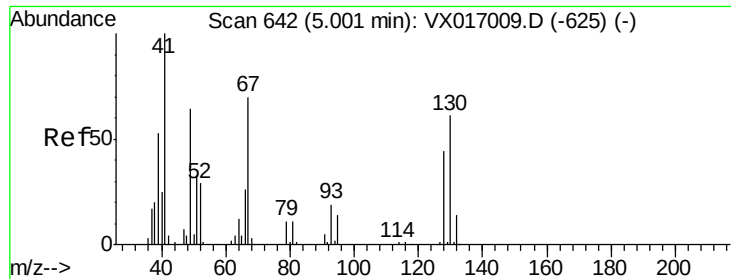
MMDadoda
7/1/2020 10:49:00 AM



#40
Benzene
Concen: 50.623 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	560330		
77	24.0		18.3	27.5





#41

Methacrylonitrile

Concen: 53.031 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 114082

Ion Ratio Lower Upper

41 100

39 53.1 44.4 66.6

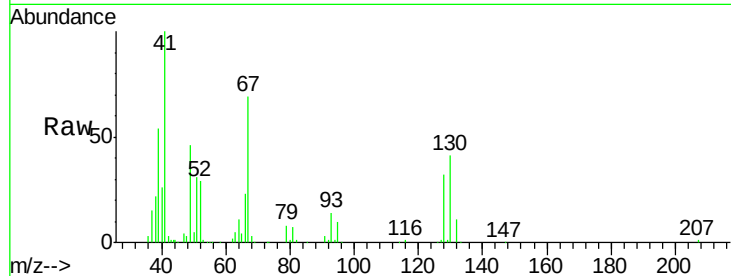
67 69.0 57.1 85.7

52 28.5 23.2 34.8

Manual Integrations
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MMDadoda

7/1/2020 10:49:00 AM

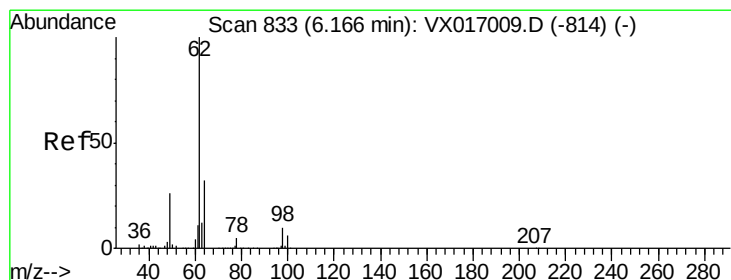
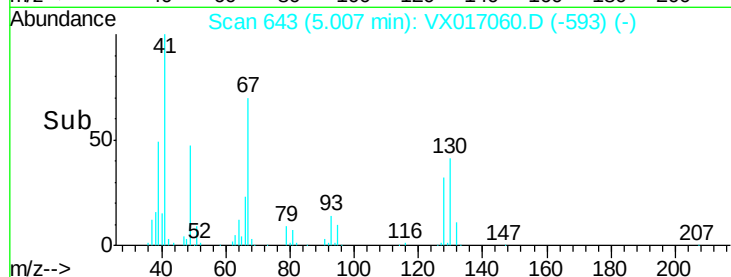
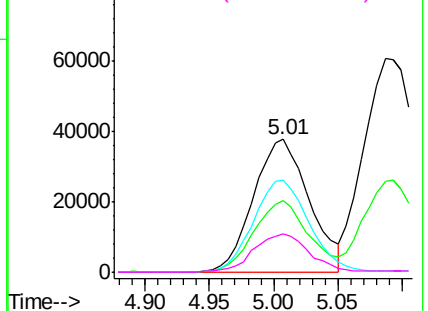


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.339 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017060.D

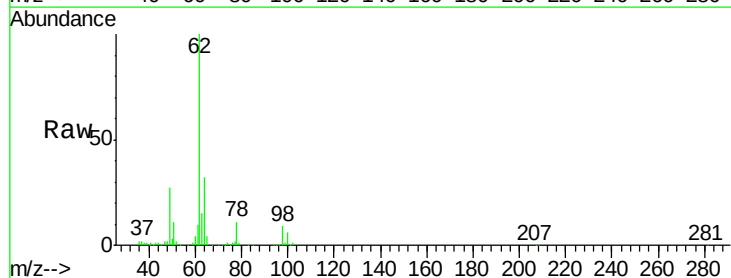
Acq: 30 Jun 2020 21:20

Tgt Ion: 62 Resp: 205256

Ion Ratio Lower Upper

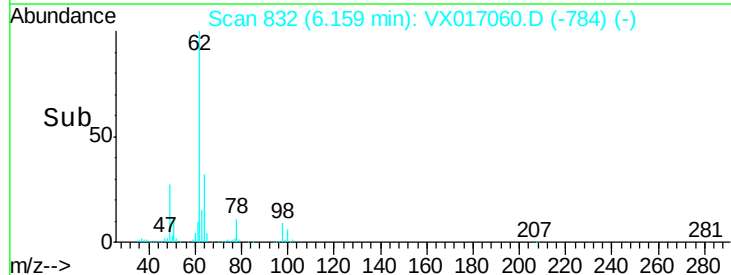
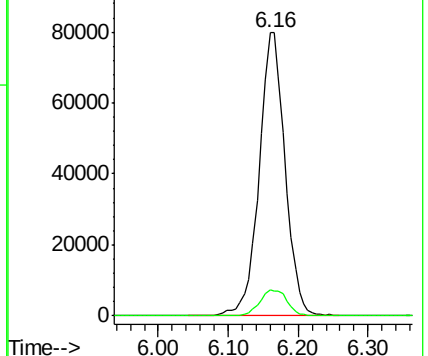
62 100

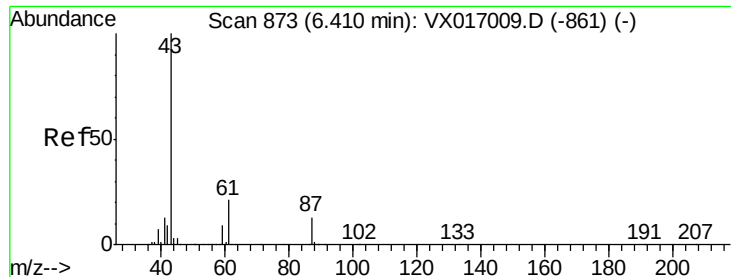
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.477 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

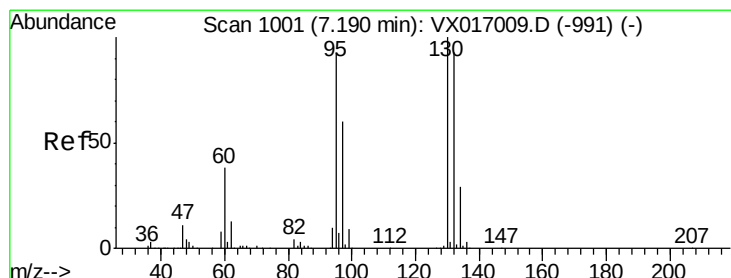
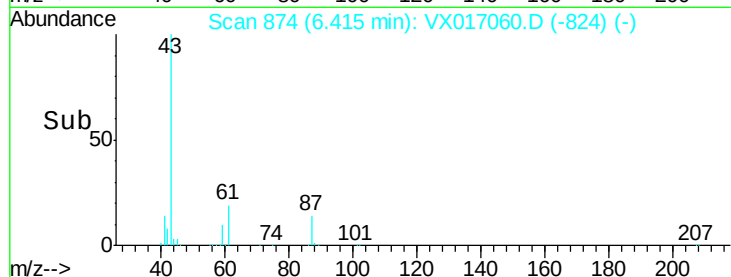
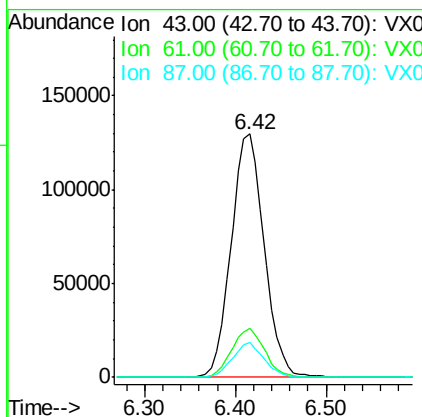
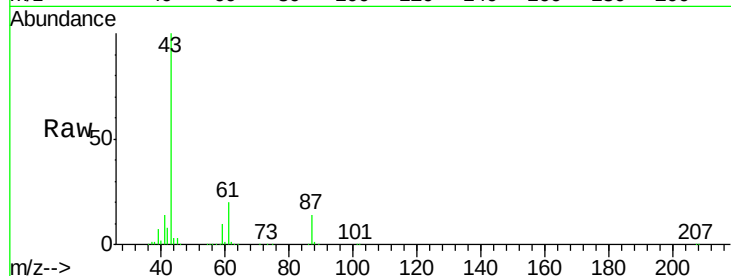
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	326956
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.6	10.7	16.1

Manual Integrations
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7/1/2020 10:49:00 AM



#44

Trichloroethene

Concen: 52.803 ug/l

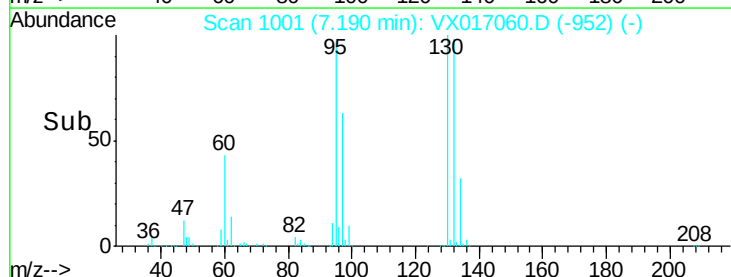
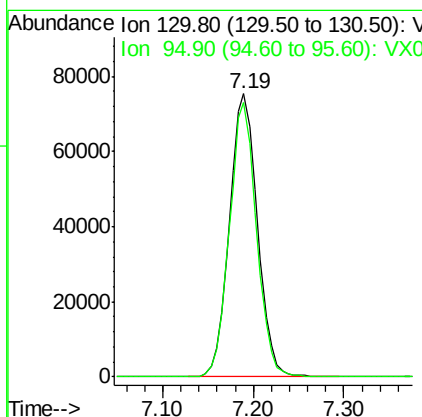
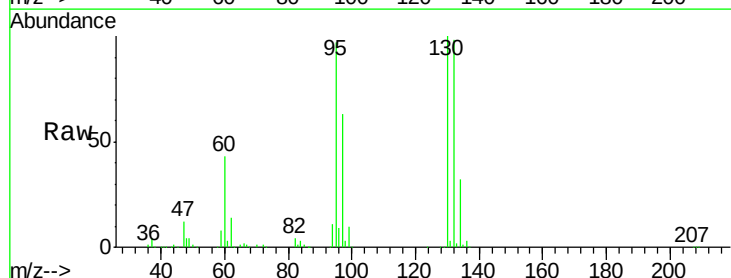
RT: 7.19 min Scan# 1001

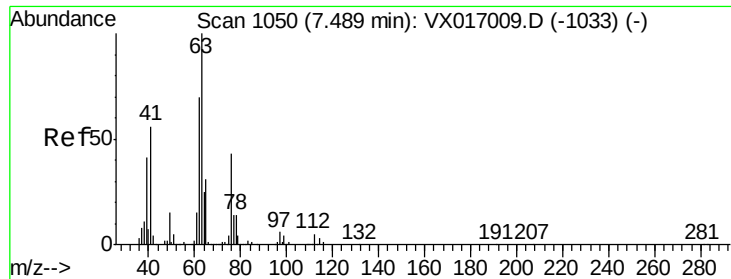
Delta R.T. 0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion:	130	Resp:	161228
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	185.0





#45

1,2-Dichloropropane

Concen: 50.647 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 143985

Ion Ratio Lower Upper

63 100

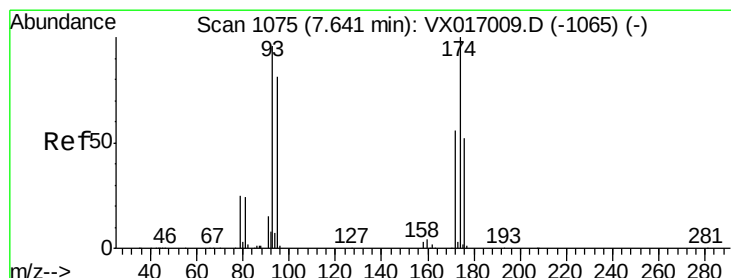
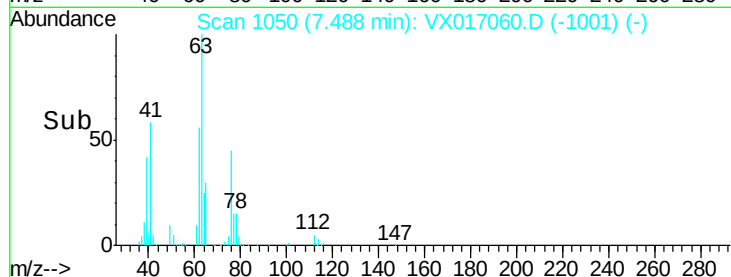
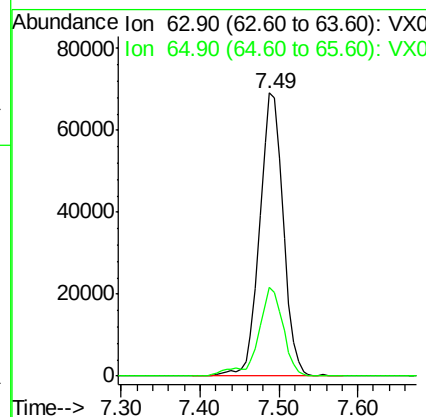
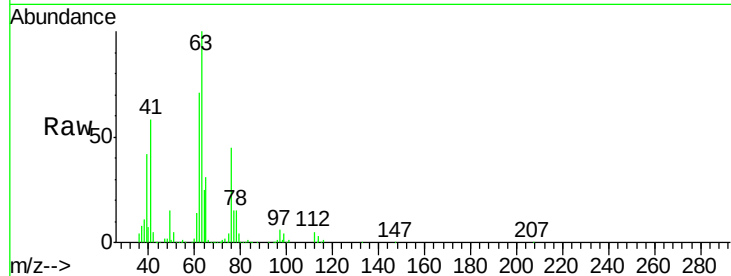
65 31.2 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:49:00 AM



#46

Dibromomethane

Concen: 51.453 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

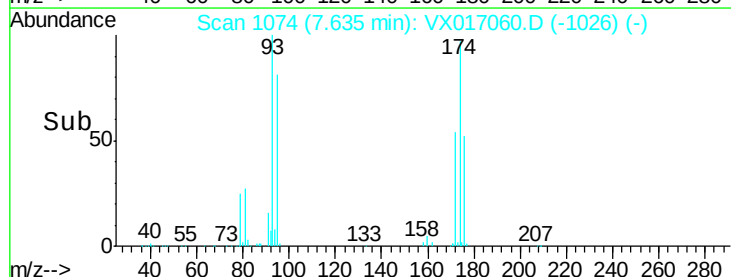
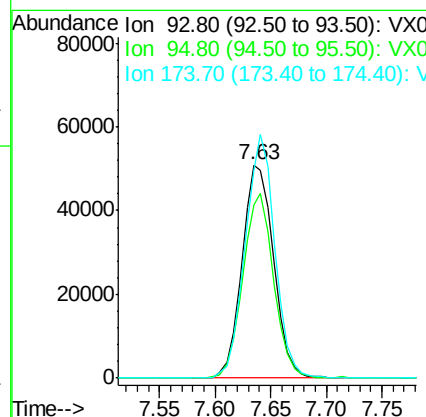
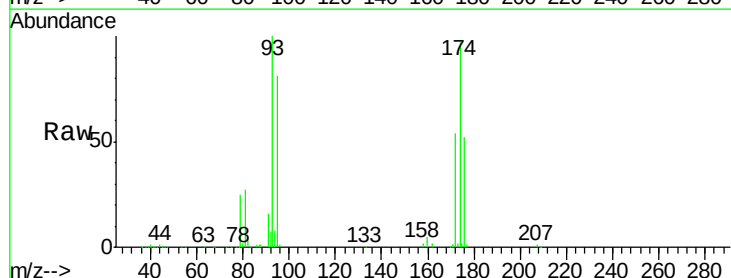
Tgt Ion: 93 Resp: 99866

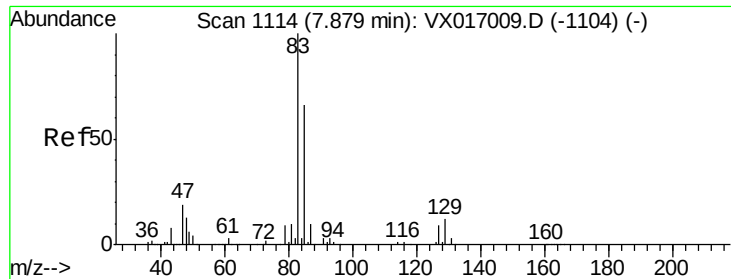
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.0

174 107.4 84.3 126.5





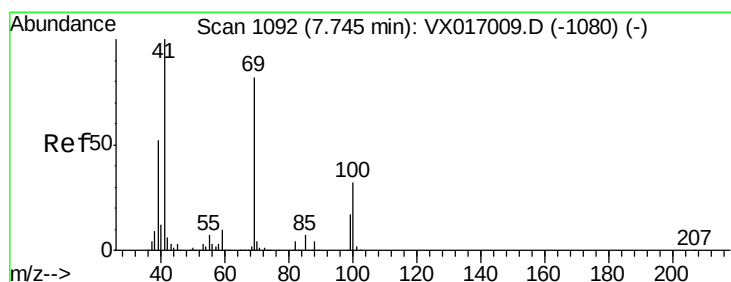
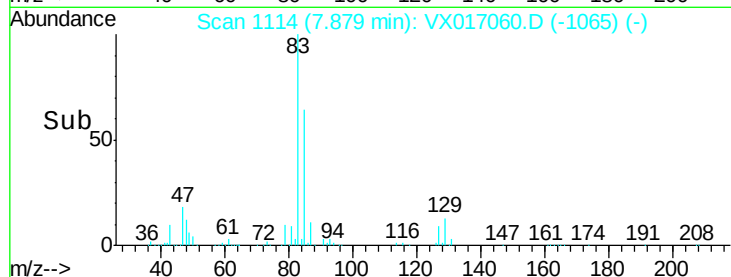
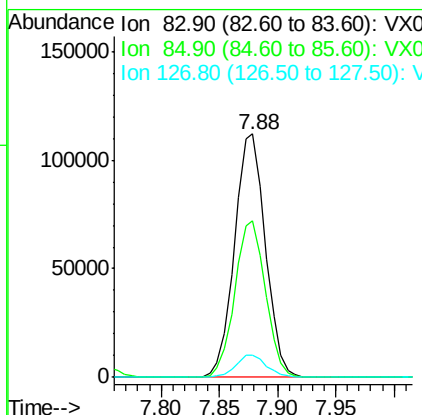
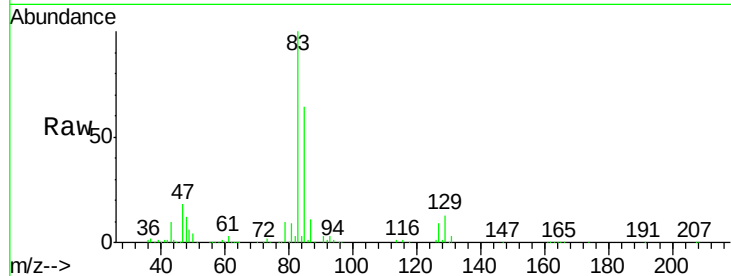
#47
Bromodichloromethane
Concen: 51.812 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	207241		
85	64.4	53.0	79.4	
127	9.2	7.5	11.3	

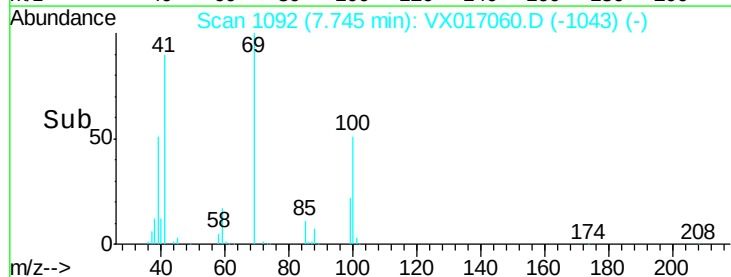
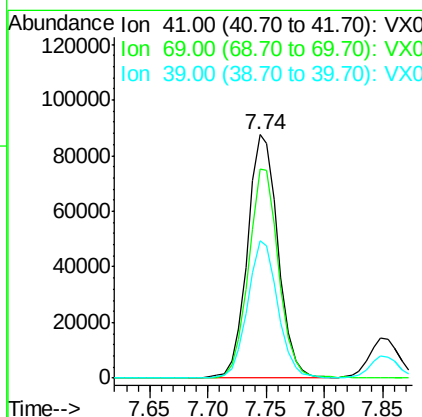
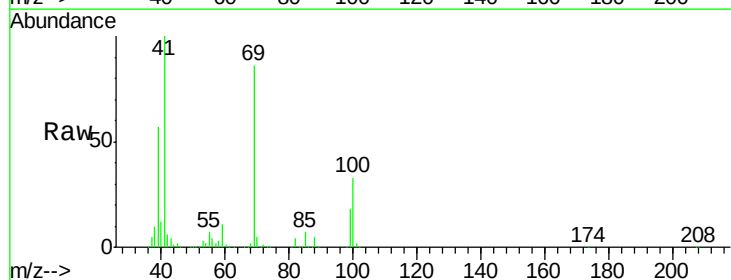
Manual Integrations
APPROVED

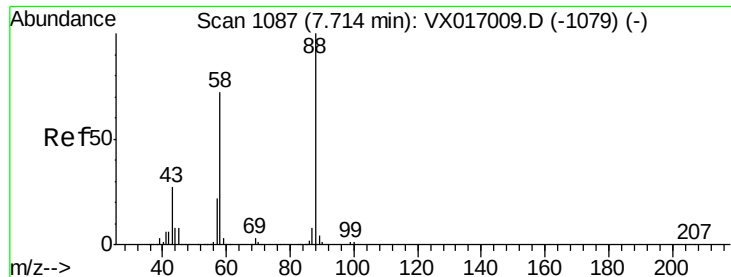
MMDadoda
7/1/2020 10:49:00 AM



#48
Methyl methacrylate
Concen: 53.024 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	160002		
69	84.6	65.8	98.8	
39	55.7	42.5	63.7	





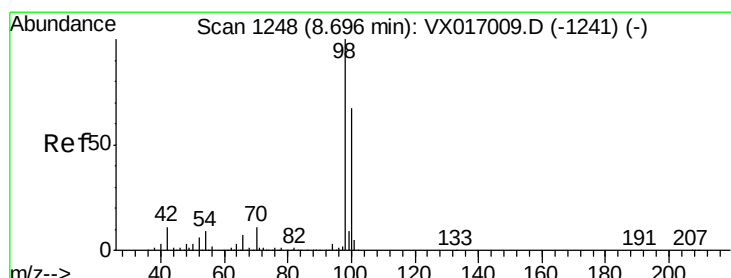
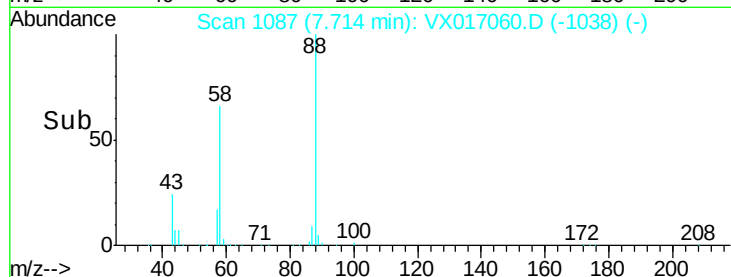
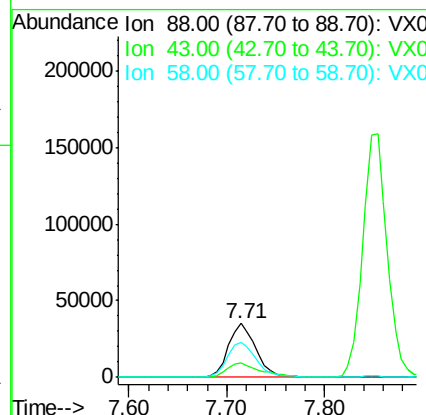
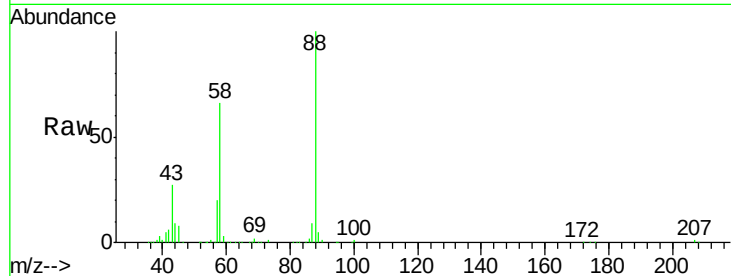
#49
1,4-Dioxane
Concen: 1011.254 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.8	38.8
58	69.1	54.8	82.2

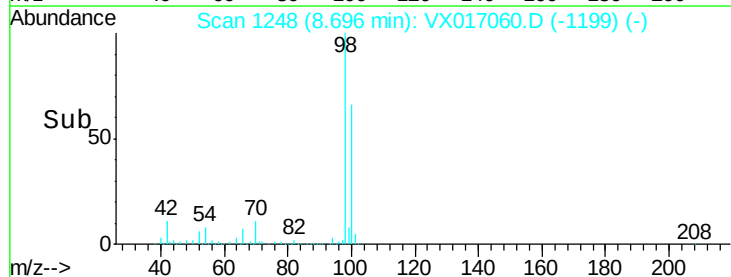
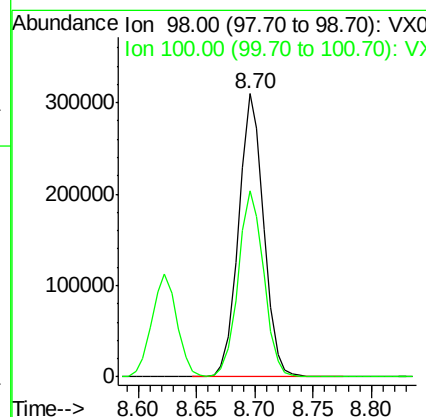
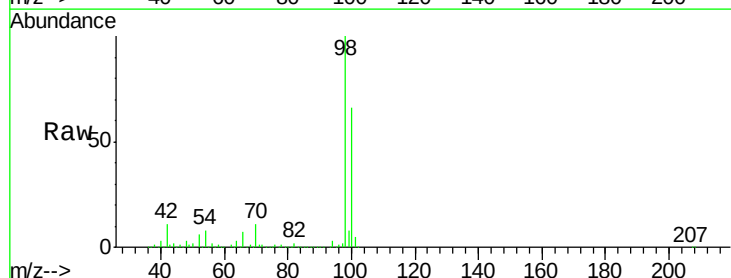
Manual Integrations
APPROVED

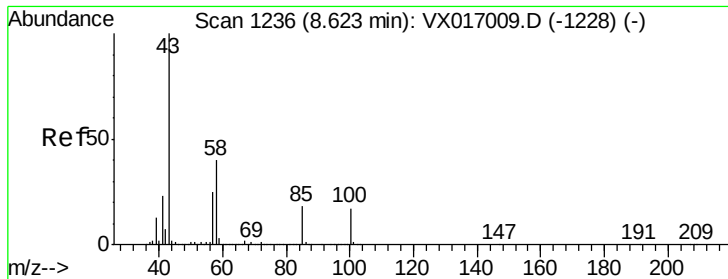
MMDadoda
7/1/2020 10:49:00 AM



#50
Toluene-d8
Concen: 49.748 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 264.305 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1000685

Ion Ratio Lower Upper

43 100

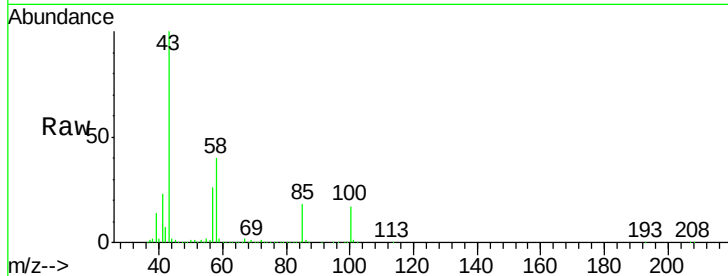
58 40.0 31.9 47.9

Manual Integrations

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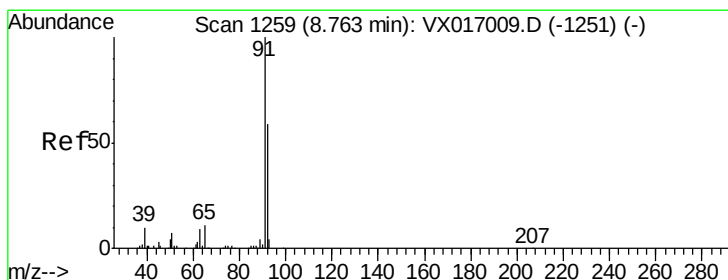
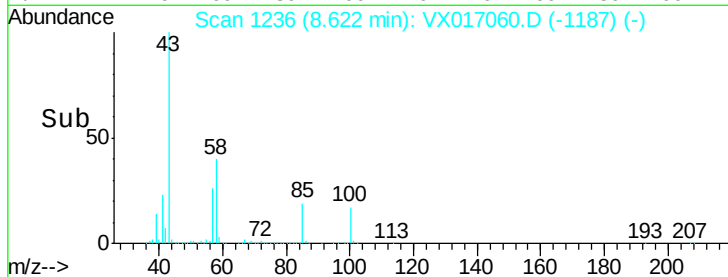
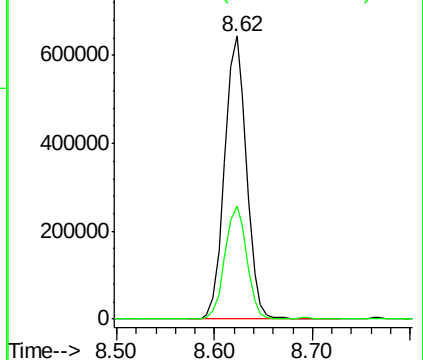
MMDadoda

7/1/2020 10:49:00 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.447 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017060.D

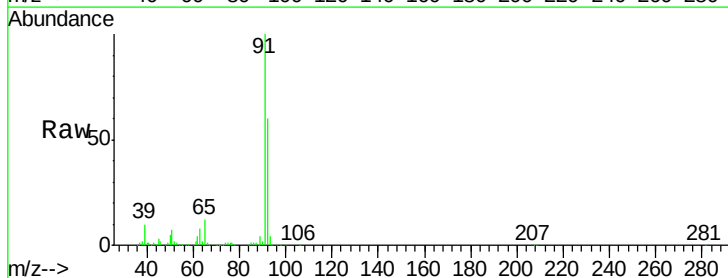
Acq: 30 Jun 2020 21:20

Tgt Ion: 92 Resp: 355536

Ion Ratio Lower Upper

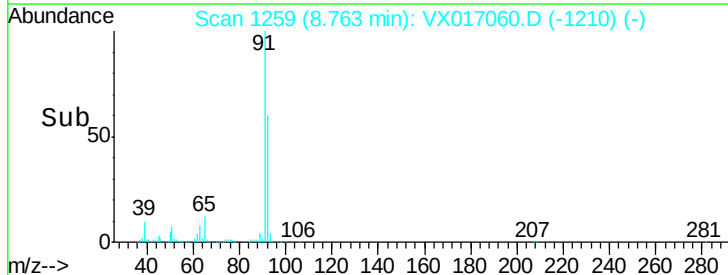
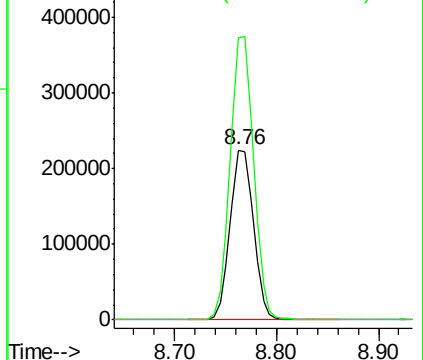
92 100

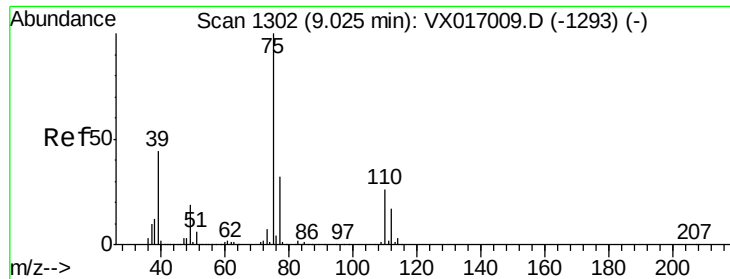
91 167.1 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





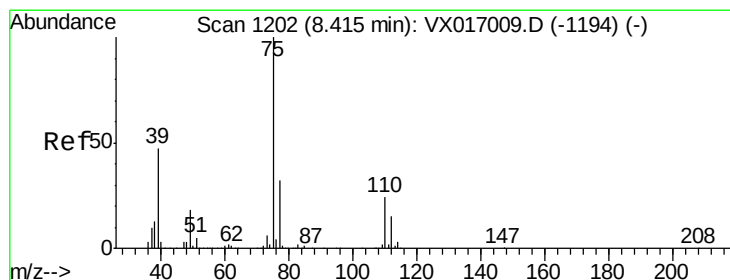
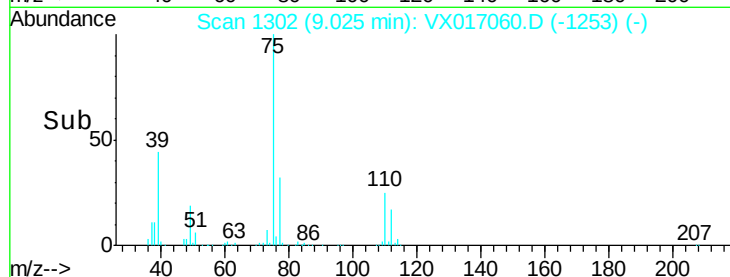
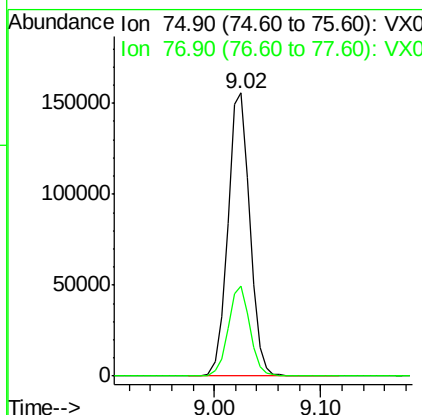
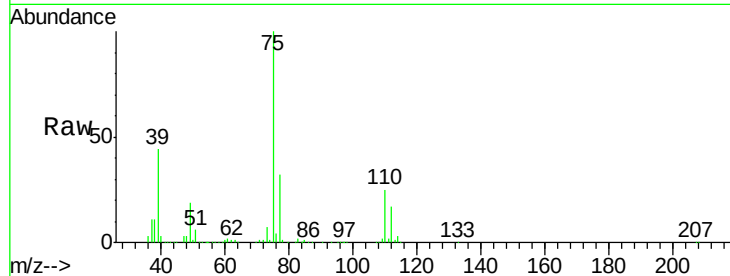
#53
 t-1,3-Dichloropropene
 Concen: 51.012 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4

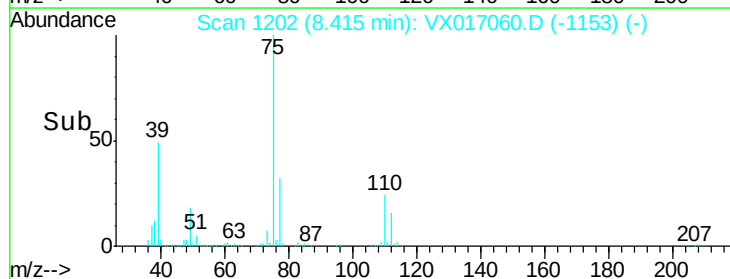
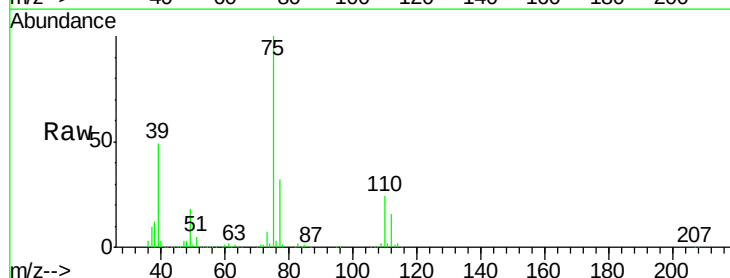
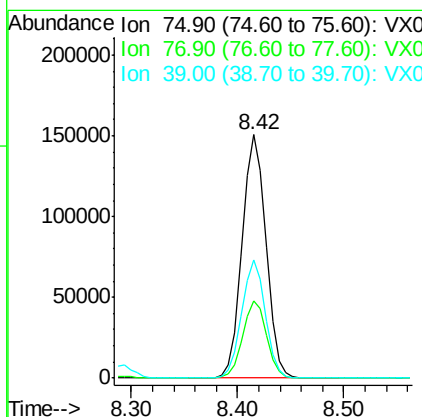
Manual Integrations
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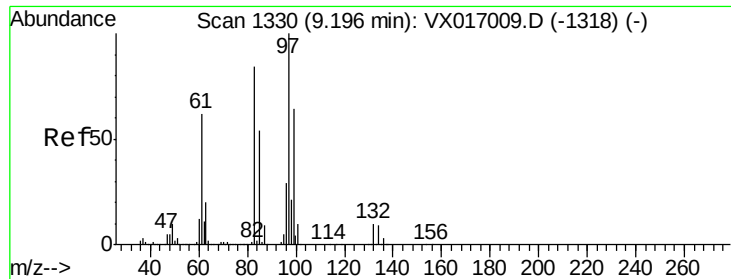
MMDadoda
 7/1/2020 10:49:00 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.356 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	48.4	37.4	56.2





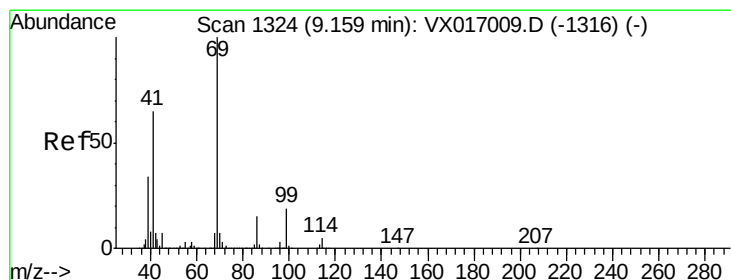
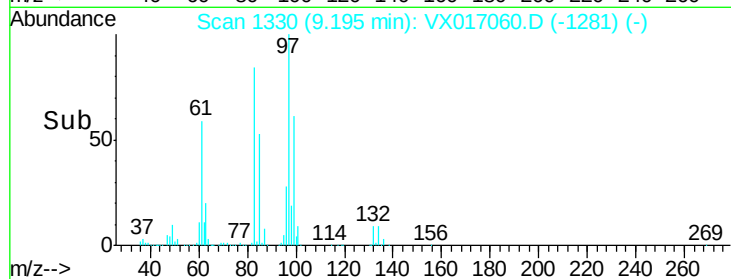
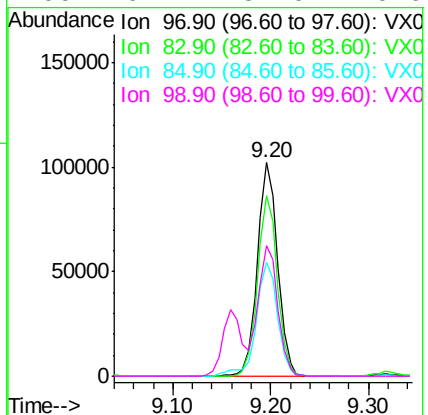
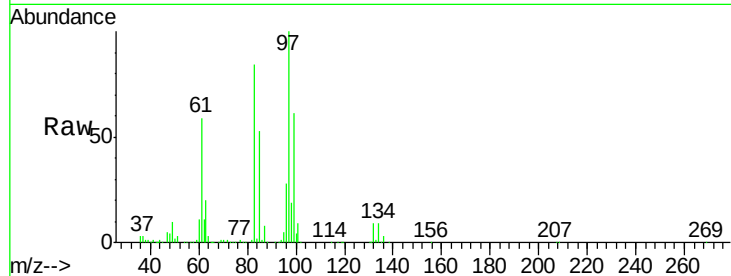
#55
 1,1,2-Trichloroethane
 Concen: 51.935 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.5	67.0	100.6		
85	53.1	43.5	65.3		
99	61.2	51.0	76.6		

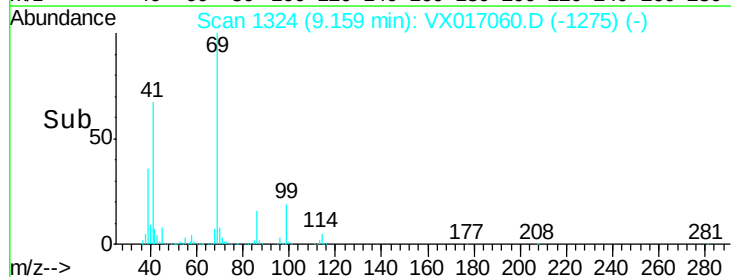
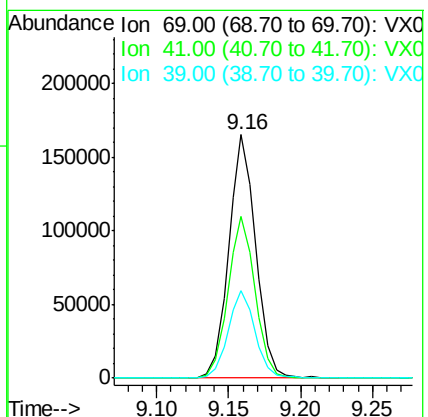
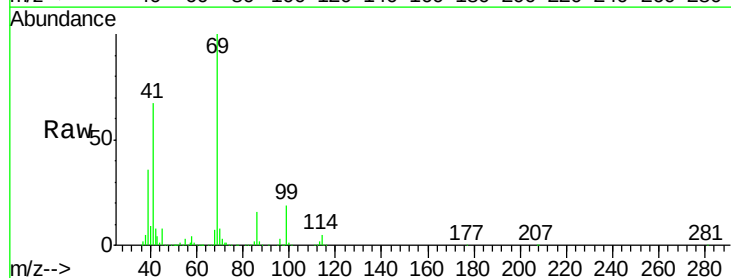
Manual Integrations
 APPROVED

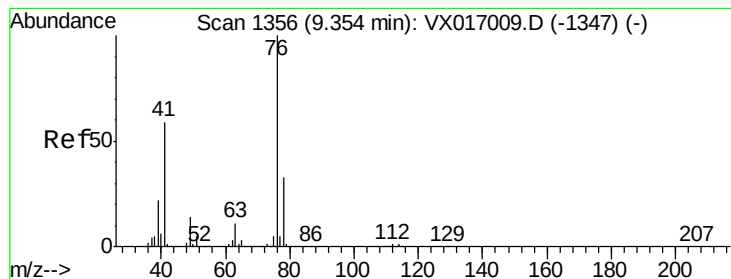
MMDadoda
 7/1/2020 10:49:00 AM



#56
 Ethyl methacrylate
 Concen: 53.786 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	66.8	53.6	80.4		
39	35.9	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 51.171 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 244478

Ion Ratio Lower Upper

76 100

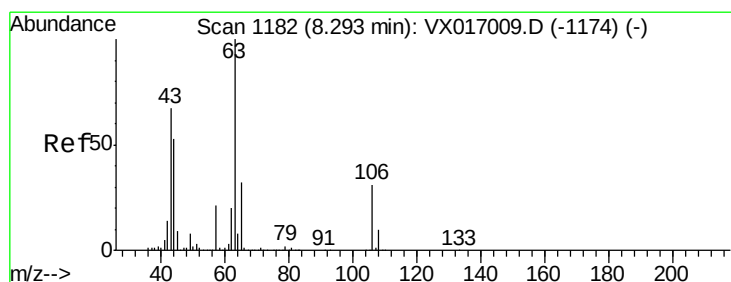
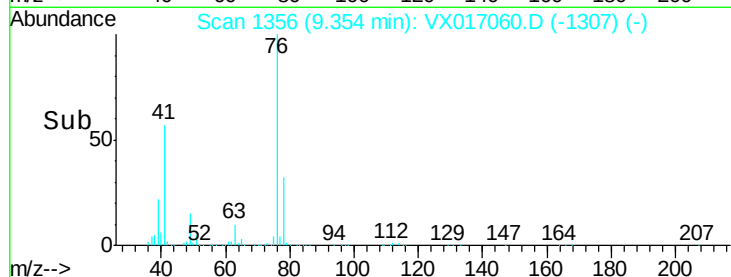
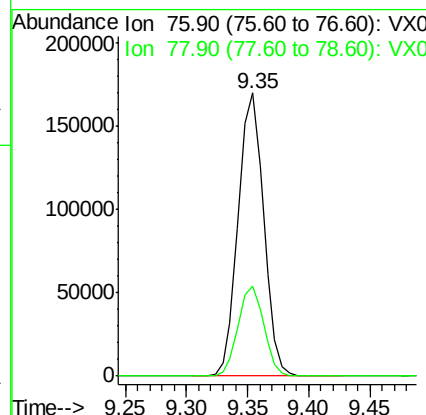
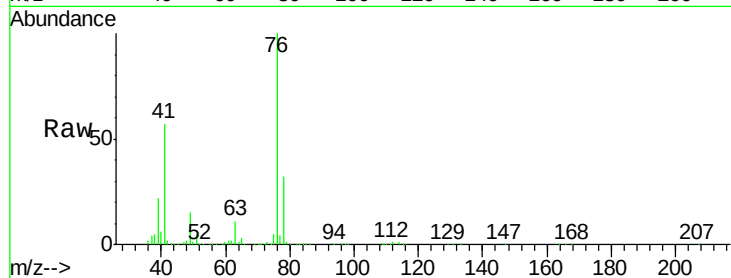
78 32.2 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:49:00 AM



#58

2-Chloroethyl Vinyl ether

Concen: 286.889 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017060.D

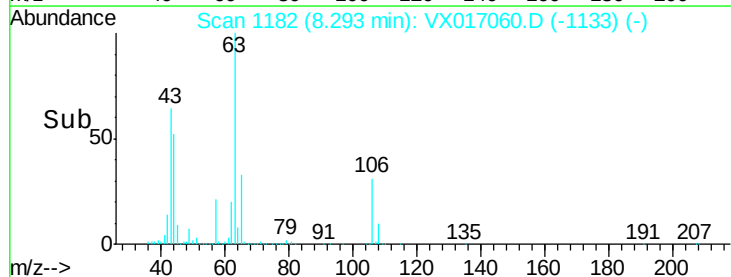
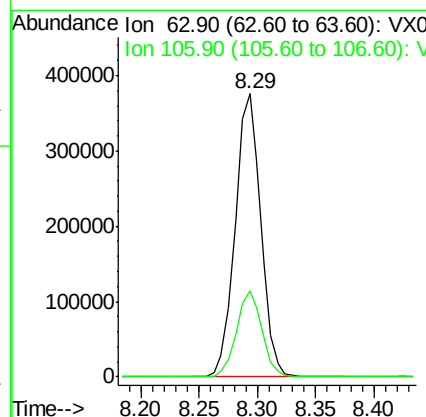
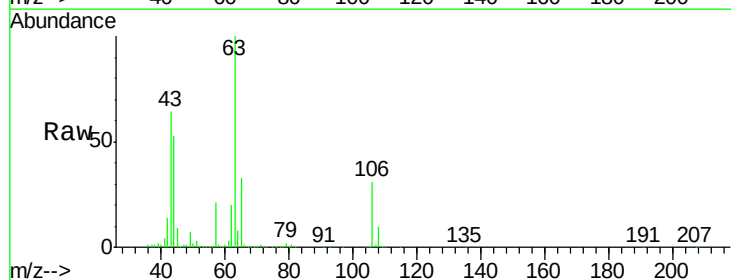
Acq: 30 Jun 2020 21:20

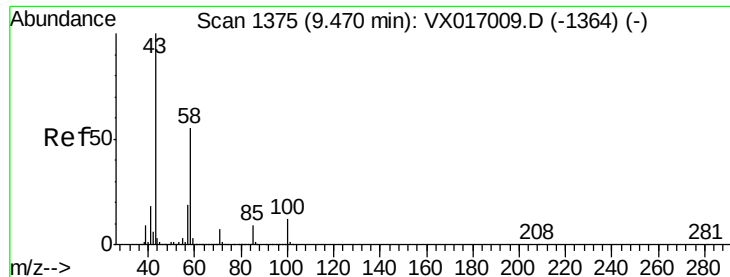
Tgt Ion: 63 Resp: 573806

Ion Ratio Lower Upper

63 100

106 30.3 24.0 36.0





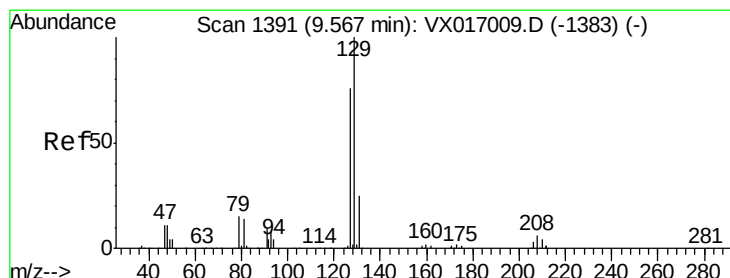
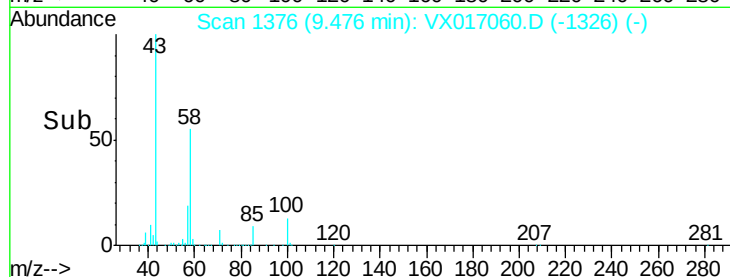
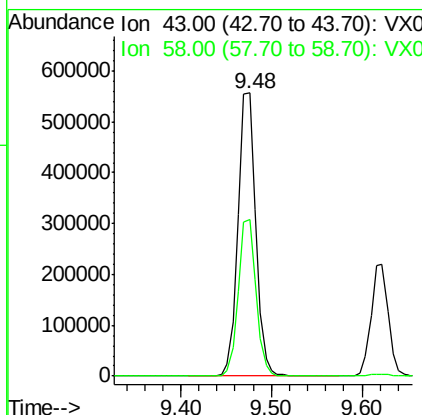
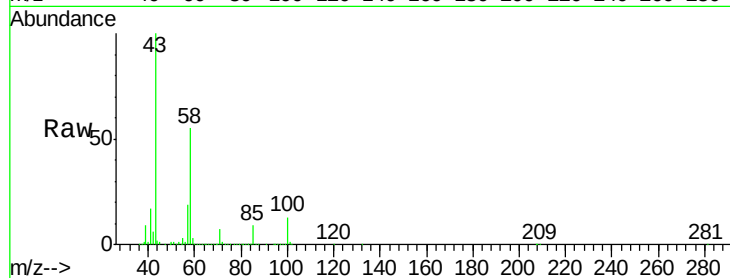
#59
2-Hexanone
Concen: 274.284 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.9	83.6

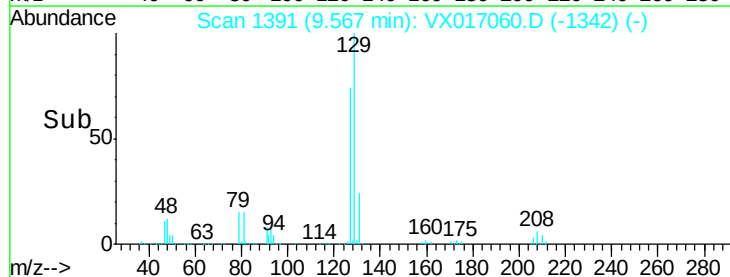
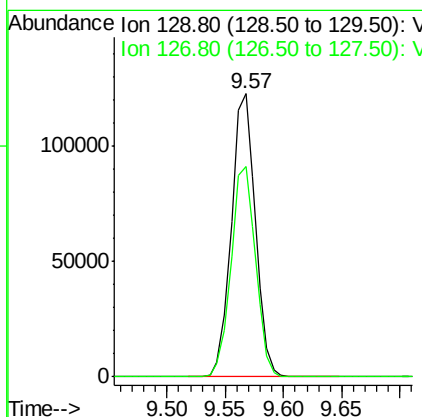
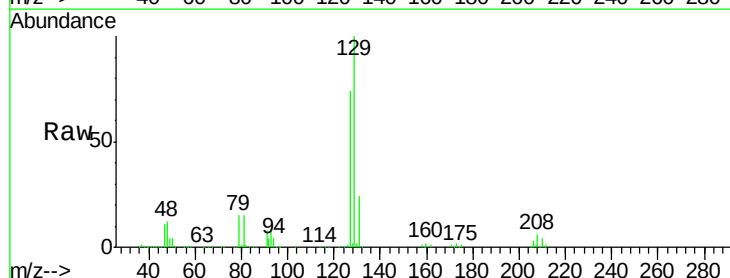
Manual Integrations
APPROVED

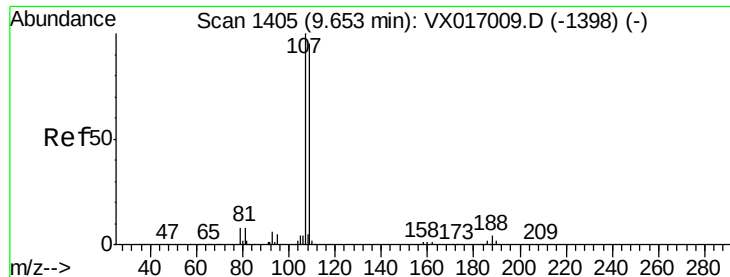
MMDadoda
7/1/2020 10:49:00 AM



#60
Dibromochloromethane
Concen: 53.732 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.8	38.9	116.7





#61

1,2-Dibromoethane

Concen: 51.640 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 156726

Ion Ratio Lower Upper

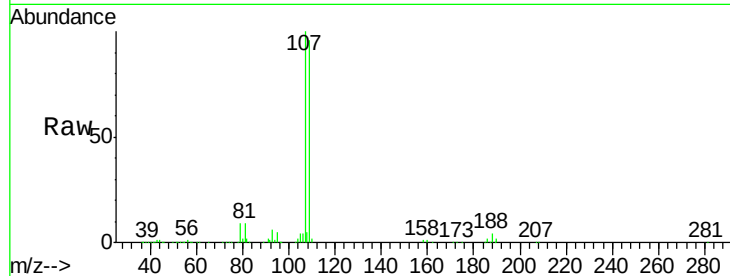
107 100

109 95.6 75.8 113.8

Manual Integrations
APPROVED

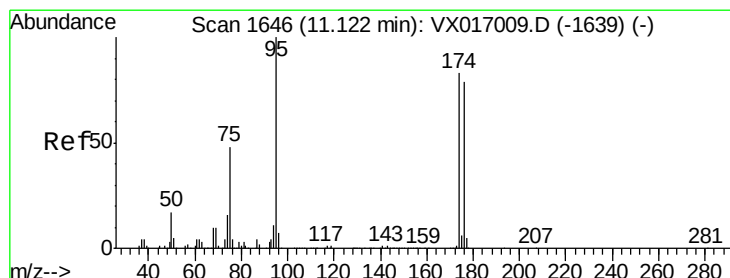
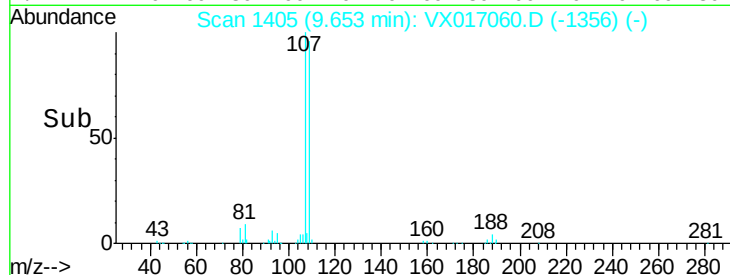
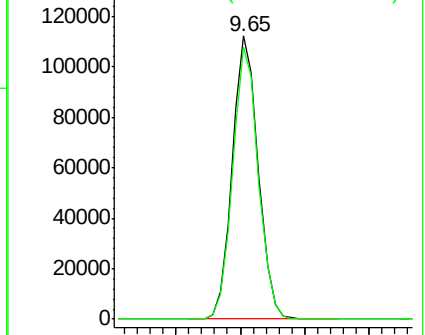
MMDadoda

7/1/2020 10:49:00 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.692 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

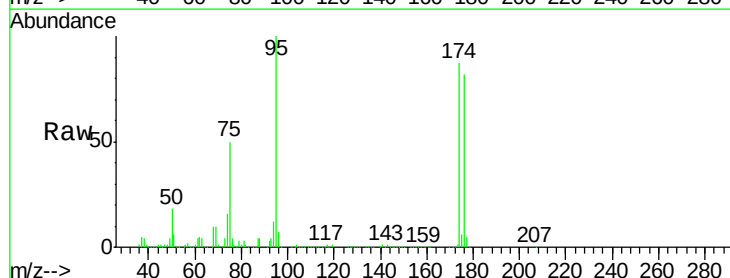
Tgt Ion: 95 Resp: 181112

Ion Ratio Lower Upper

95 100

174 85.2 0.0 164.0

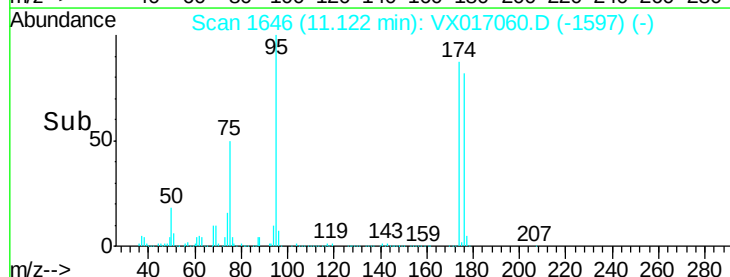
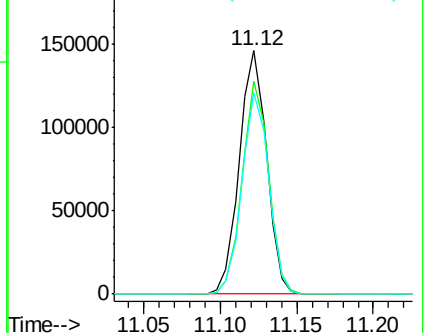
176 81.3 0.0 157.6

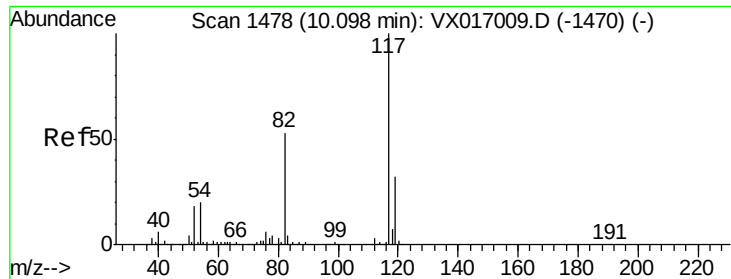


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





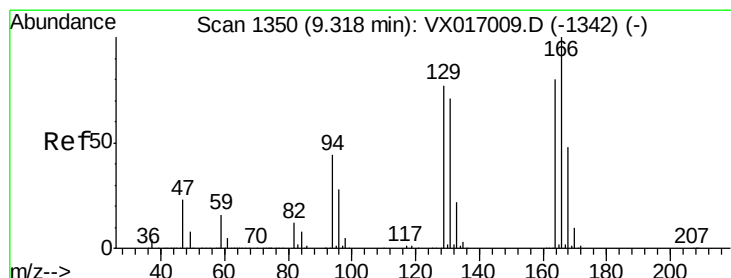
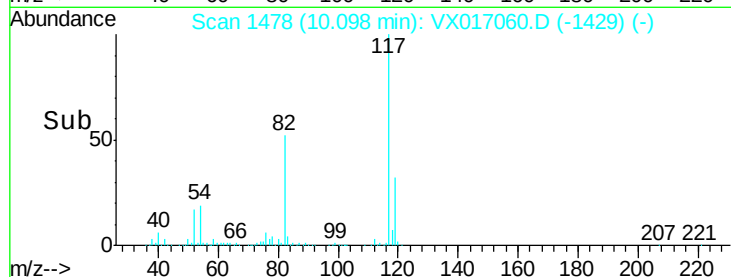
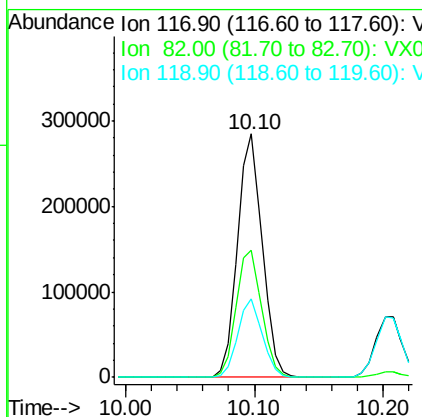
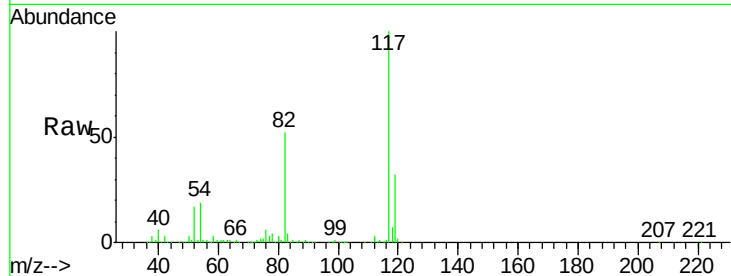
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	32.3	25.4	38.2

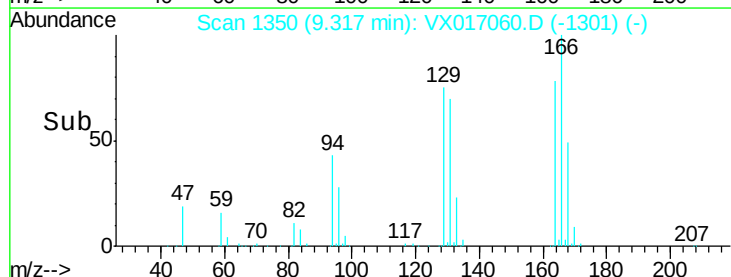
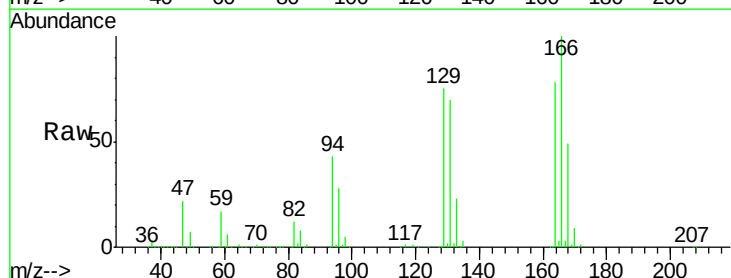
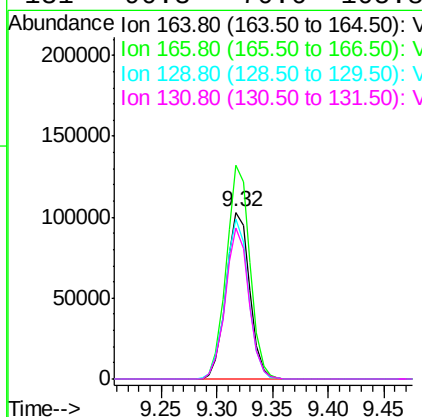
Manual Integrations
APPROVED

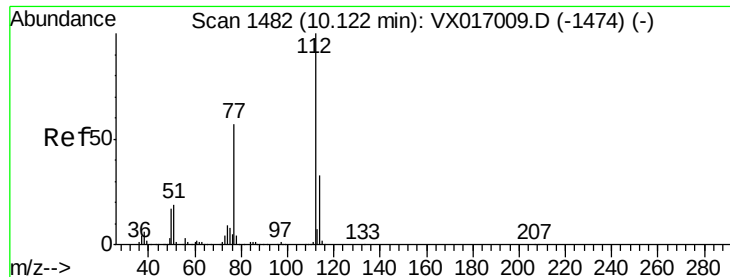
MMDadoda
7/1/2020 10:49:00 AM



#64
Tetrachloroethene
Concen: 49.319 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	99.4	149.0
129	95.8	76.3	114.5
131	90.3	70.6	105.8





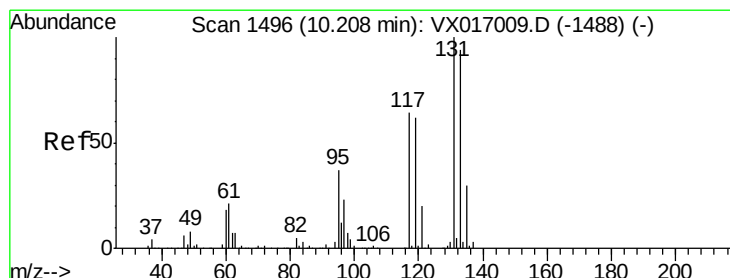
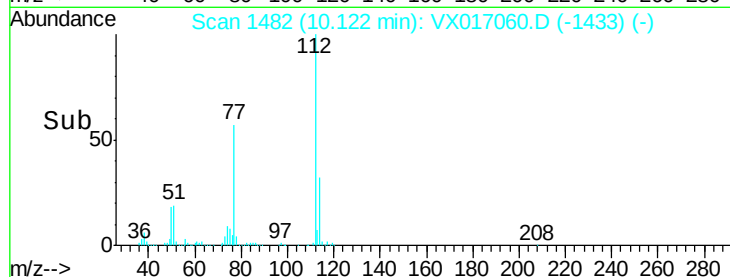
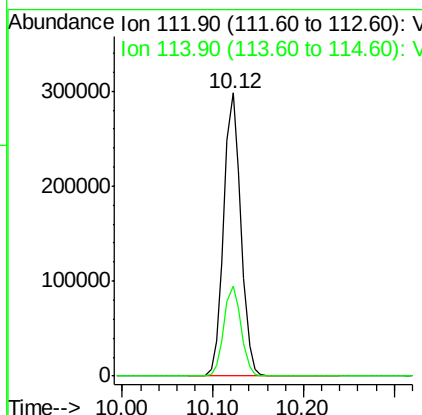
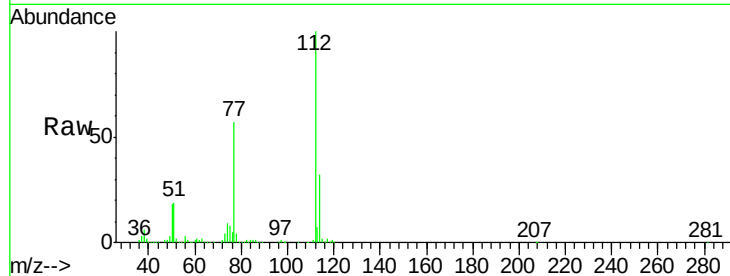
#65
Chlorobenzene
Concen: 50.171 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.4

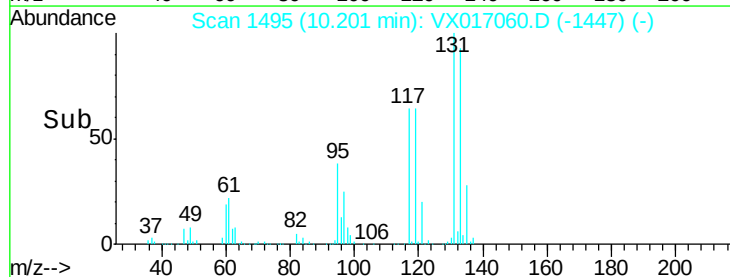
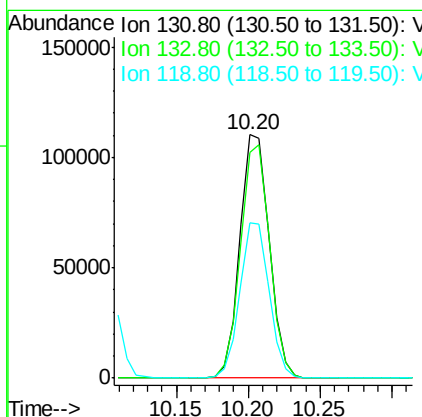
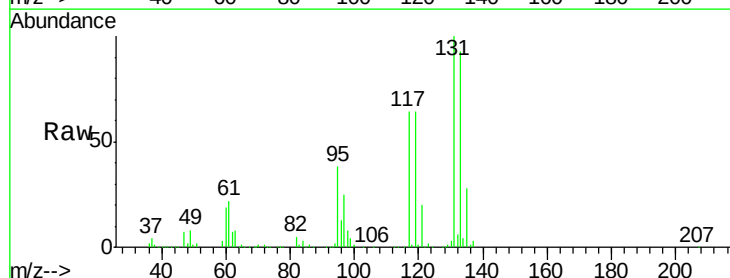
Manual Integrations
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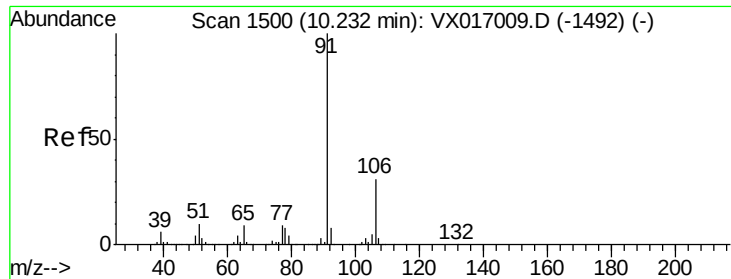
MMDadoda
7/1/2020 10:49:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.722 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.3	141.9
119	63.6	31.9	95.5





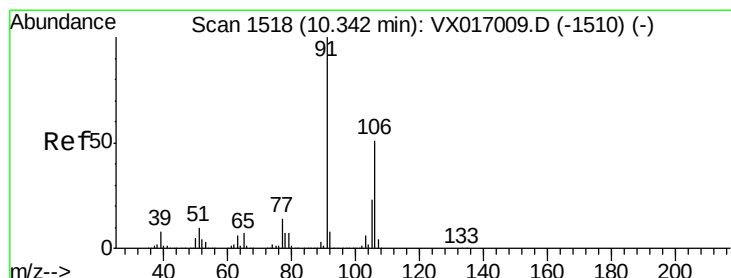
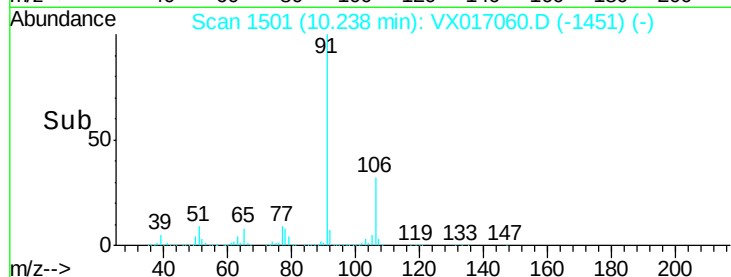
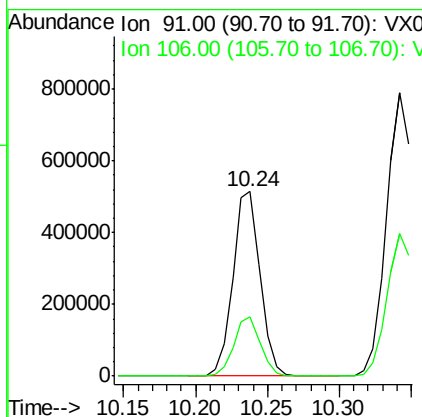
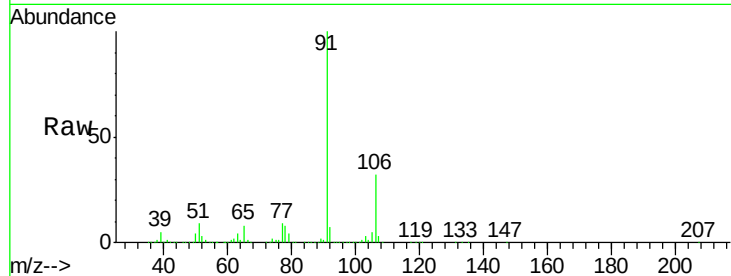
#67
Ethyl Benzene
Concen: 52.091 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 680923
Ion Ratio Lower Upper
91 100
106 32.4 24.7 37.1

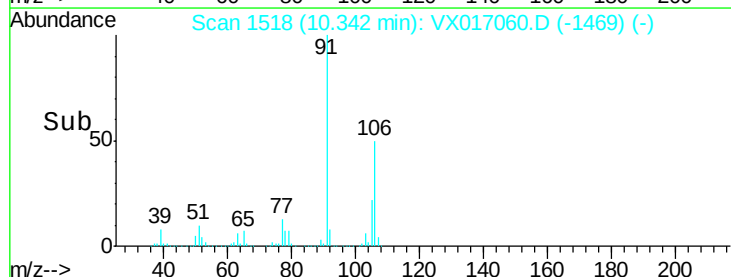
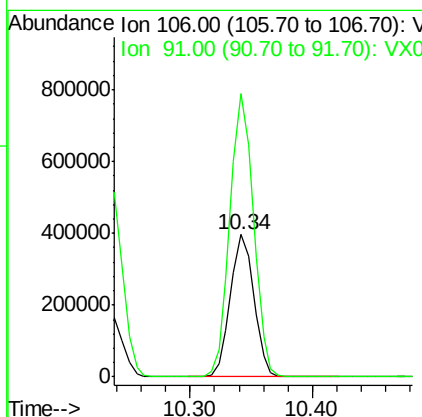
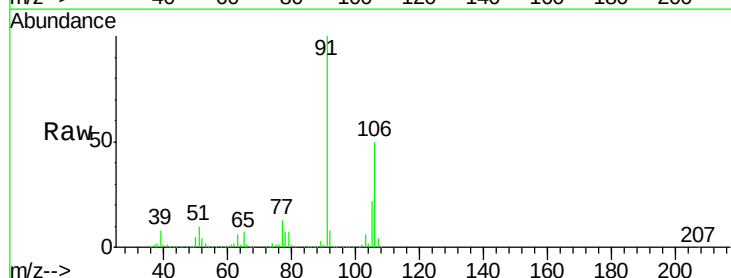
Manual Integrations
APPROVED

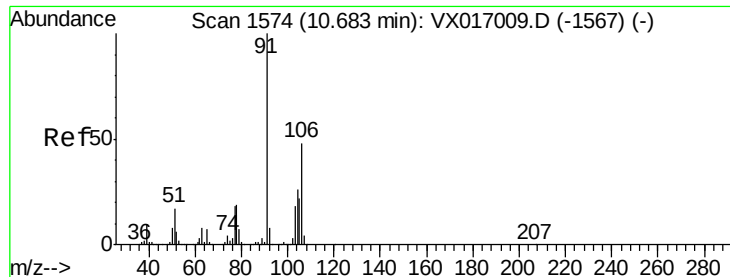
MMDadoda
7/1/2020 10:49:00 AM



#68
m/p-Xylenes
Concen: 105.126 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 106 Resp: 527643
Ion Ratio Lower Upper
106 100
91 199.8 158.6 238.0





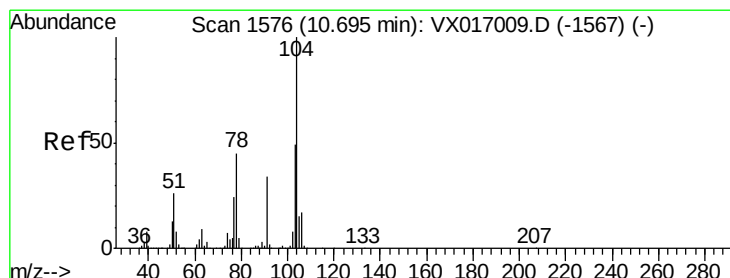
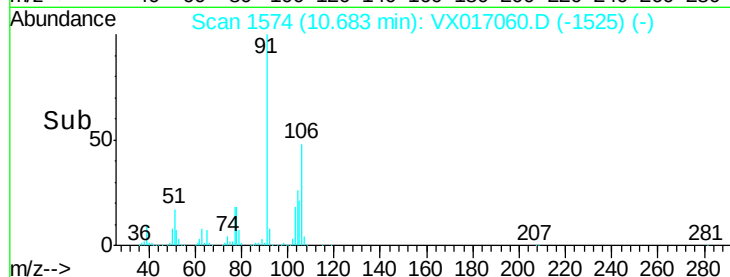
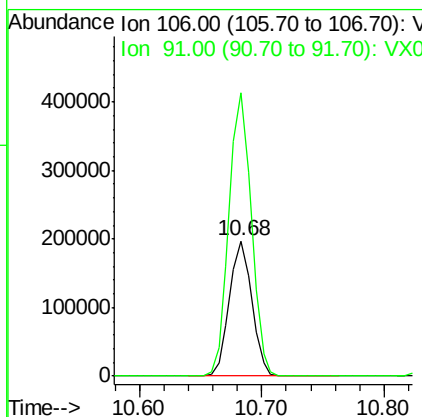
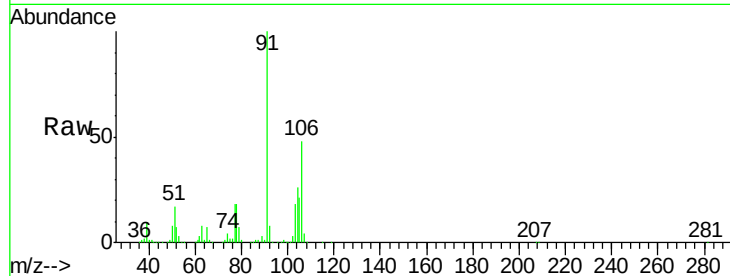
#69
o-Xylene
Concen: 52.315 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.3	105.6	316.7

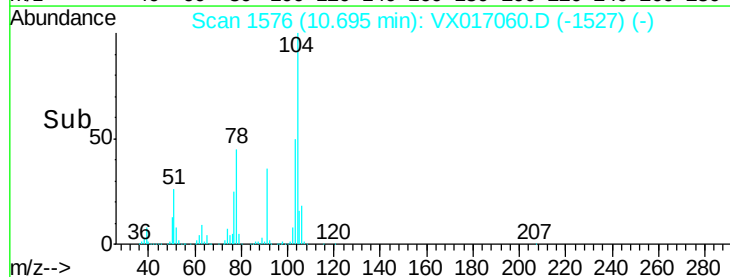
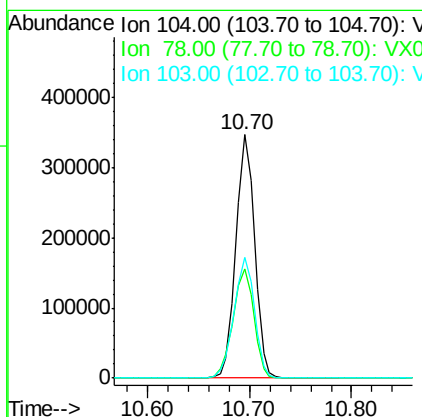
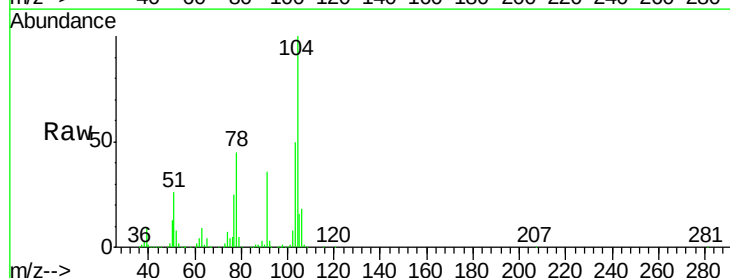
Manual Integrations
APPROVED

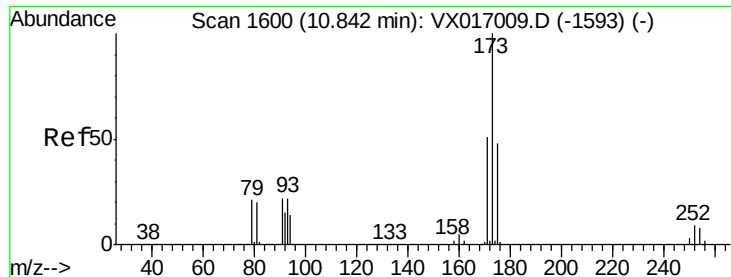
MMDadoda
7/1/2020 10:49:00 AM



#70
Styrene
Concen: 54.037 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.2	39.5	59.3
103	54.1	43.0	64.6





#71

Bromoform

Concen: 55.640 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 133098

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

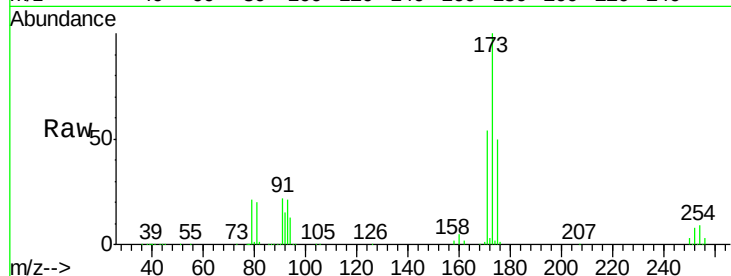
254 0.1 0.1 0.1

Manual Integrations

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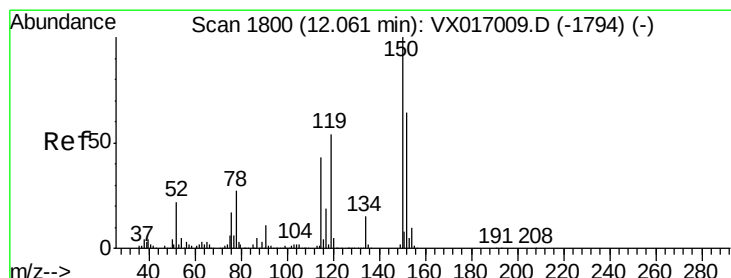
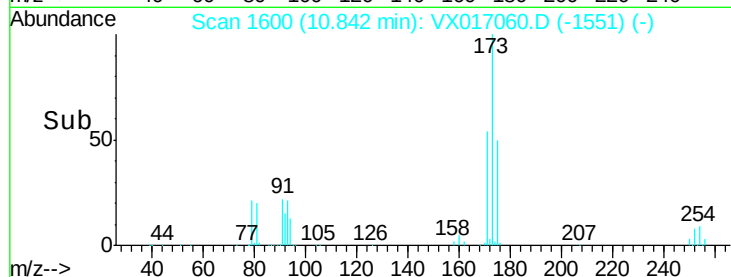
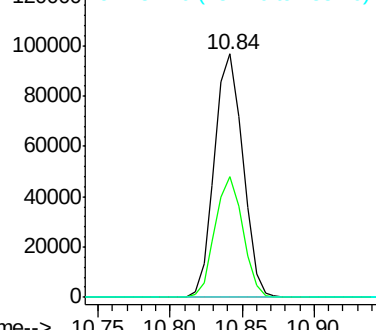
7/1/2020 10:49:00 AM



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

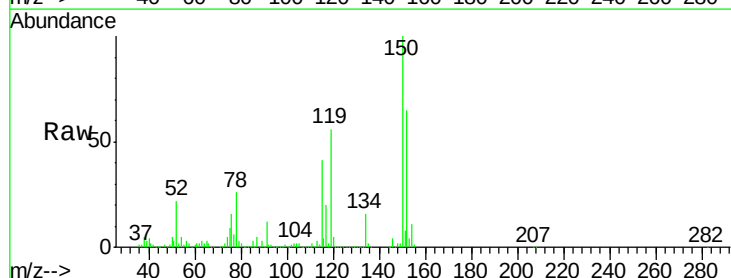
Tgt Ion:152 Resp: 201769

Ion Ratio Lower Upper

152 100

115 79.5 40.9 122.7

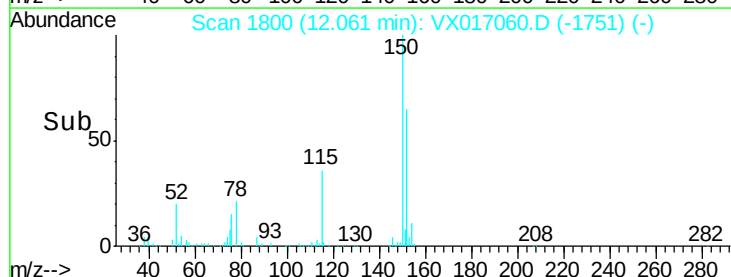
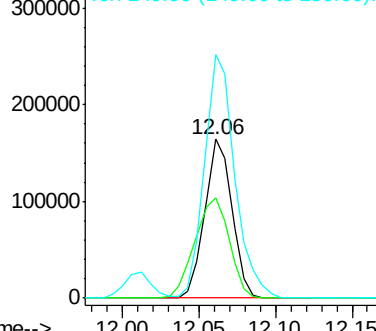
150 171.9 0.0 351.6

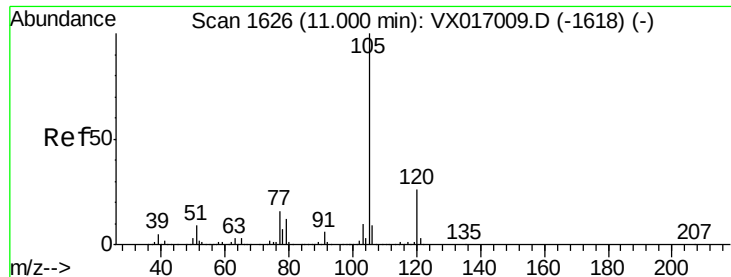


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.862 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 672198

Ion Ratio Lower Upper

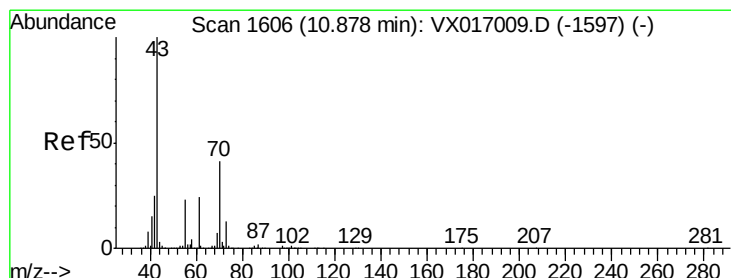
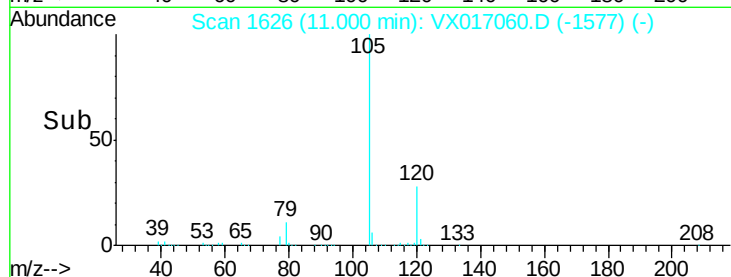
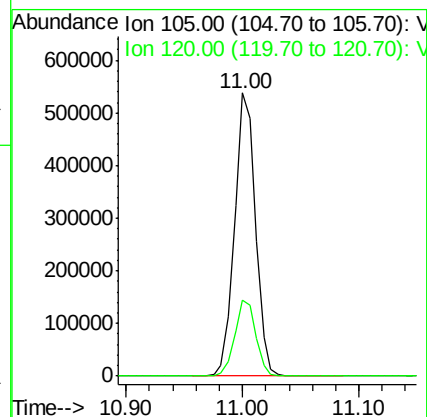
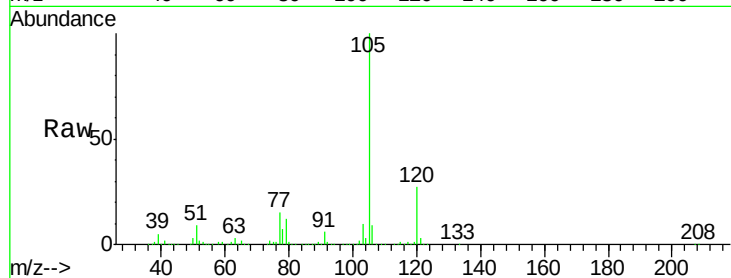
105 100

120 27.2 13.4 40.2

Manual Integrations
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7/1/2020 10:49:00 AM



#74

N-ethyl acetate

Concen: 51.460 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion: 43 Resp: 290191

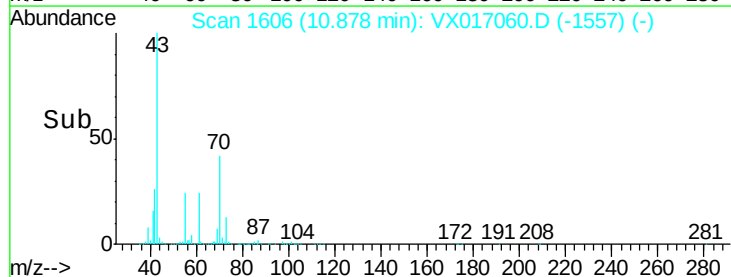
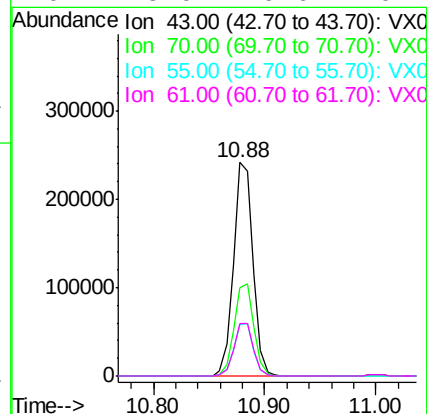
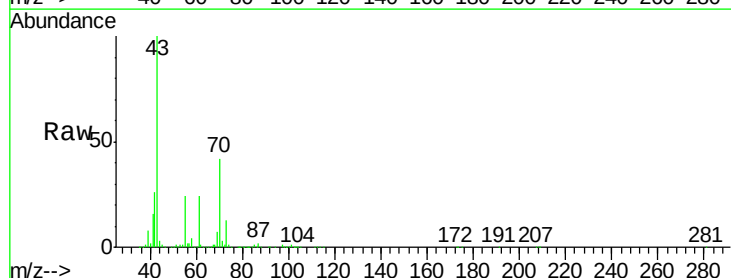
Ion Ratio Lower Upper

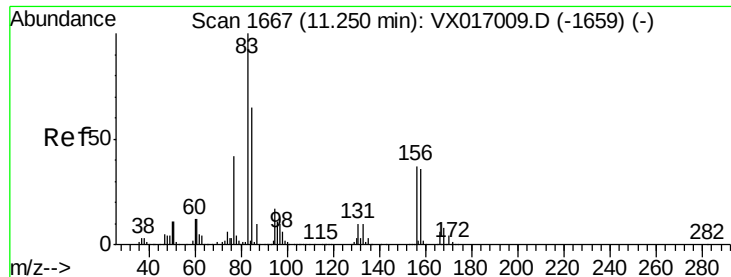
43 100

70 43.7 34.2 51.2

55 24.6 19.2 28.8

61 25.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.393 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

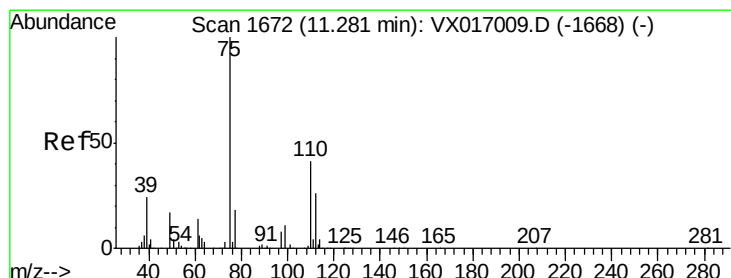
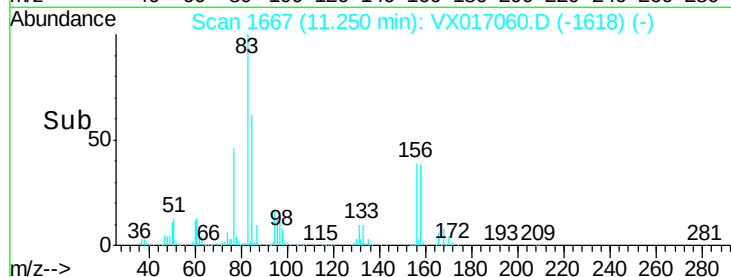
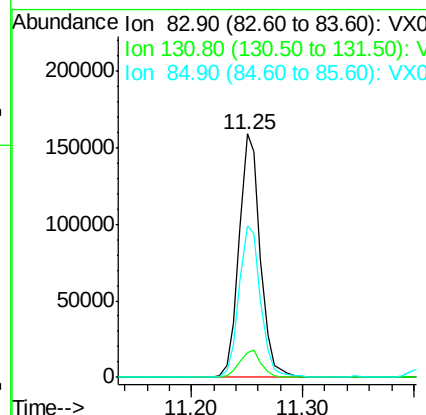
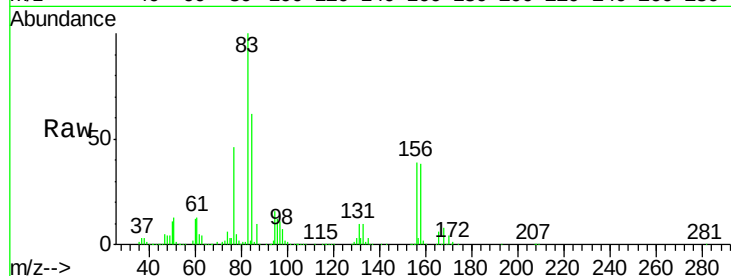
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	209496
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	63.7	31.9	95.9

Manual Integrations
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7/1/2020 10:49:00 AM



#76

1,2,3-Trichloropropane

Concen: 50.238 ug/l m

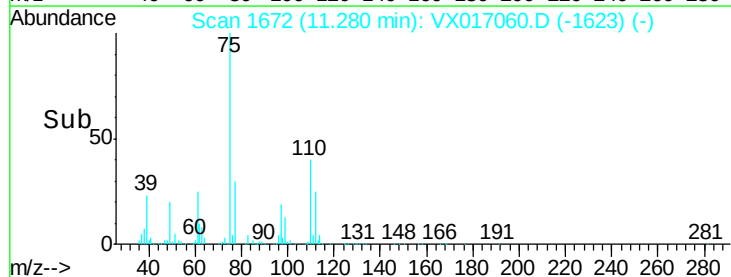
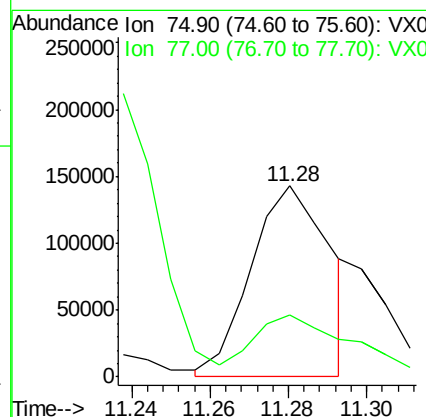
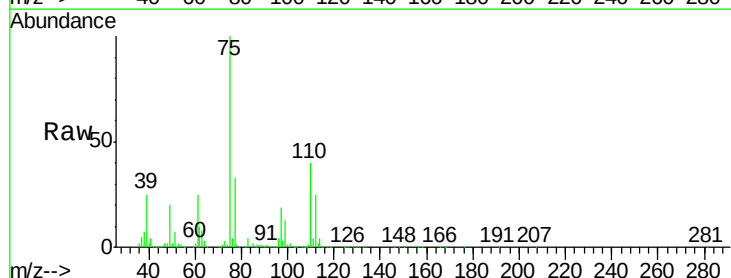
RT: 11.28 min Scan# 1672

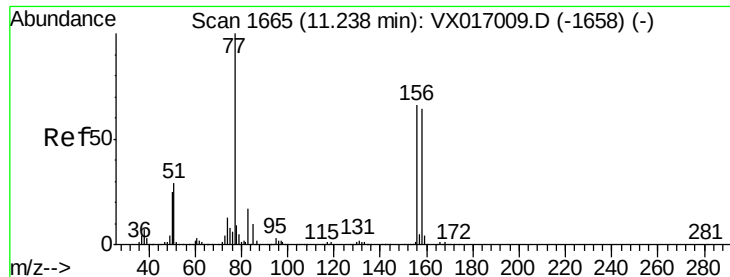
Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion:	75	Resp:	199326
Ion Ratio	Lower	Upper	
75	100		
77	41.1	20.2	60.6





#77

Bromobenzene

Concen: 49.578 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

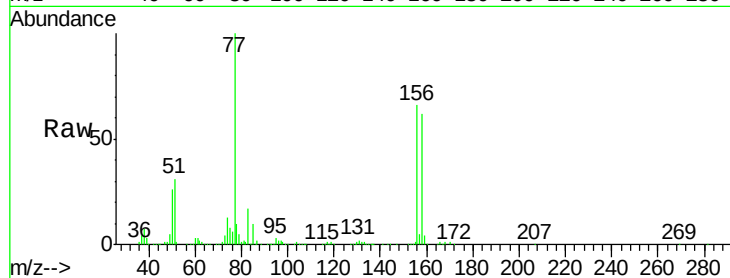
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	180079
Ion Ratio	Lower	Upper	
156	100		
77	152.3	76.9	230.7
158	97.2	47.9	143.6

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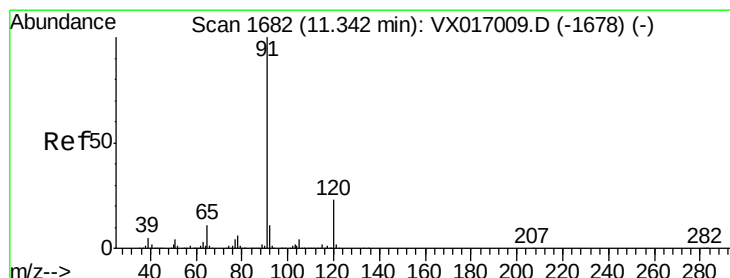
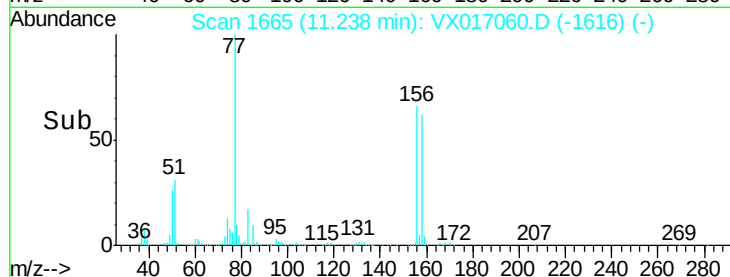
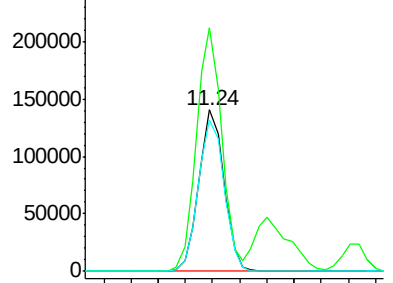
MMDadoda
7/1/2020 10:49:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.544 ug/l

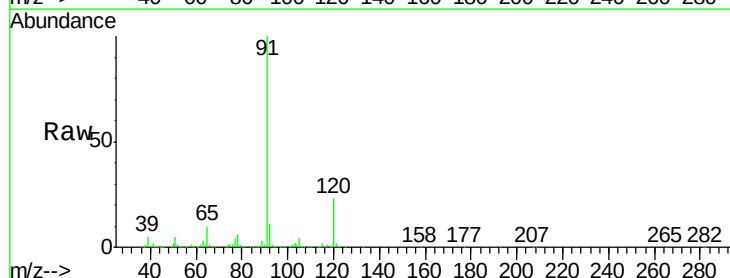
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017060.D

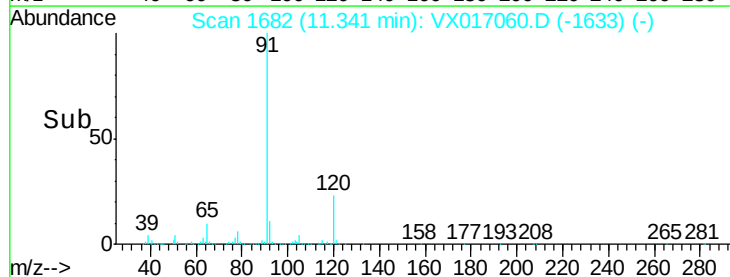
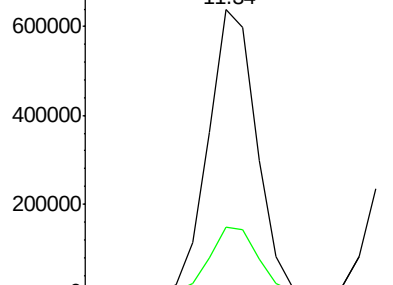
Acq: 30 Jun 2020 21:20

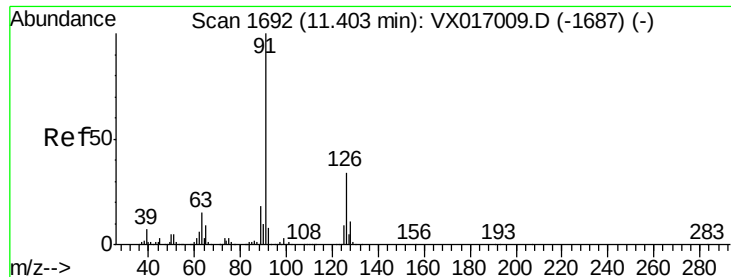
Tgt Ion:	91	Resp:	770328
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.493 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 456707

Ion Ratio Lower Upper

91 100

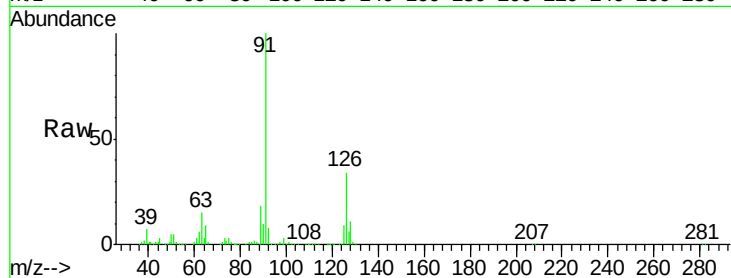
126 34.6 17.4 52.3

Manual Integrations

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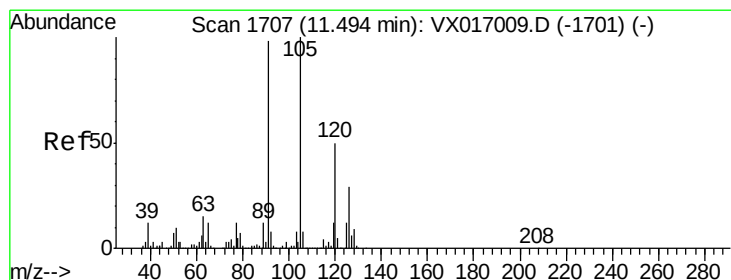
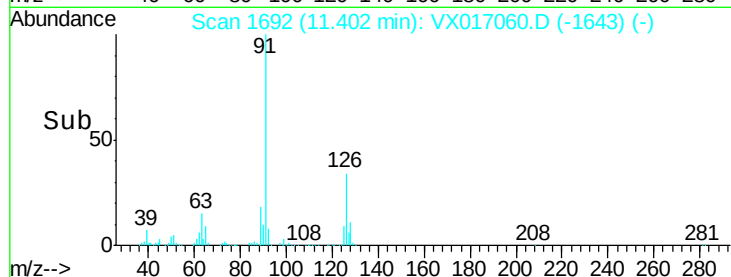
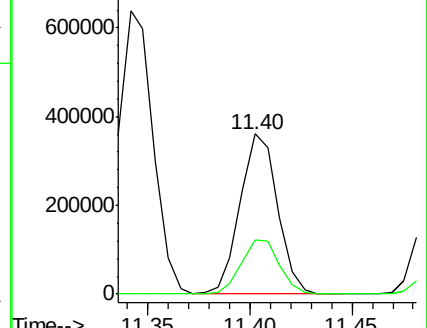
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7/1/2020 10:49:00 AM



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.216 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017060.D

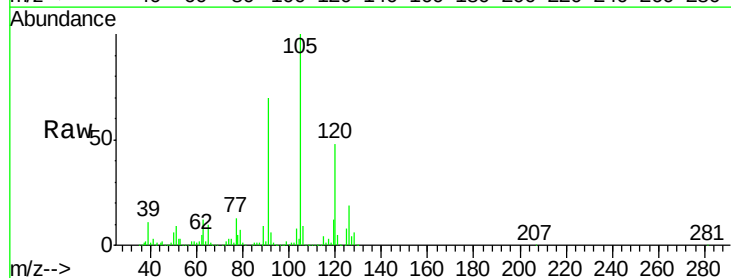
Acq: 30 Jun 2020 21:20

Tgt Ion: 105 Resp: 572408

Ion Ratio Lower Upper

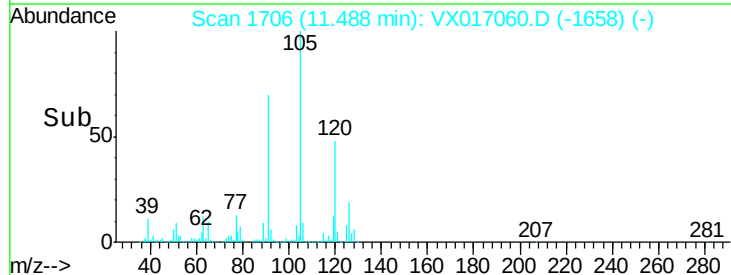
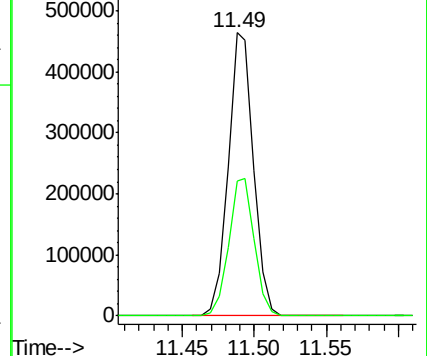
105 100

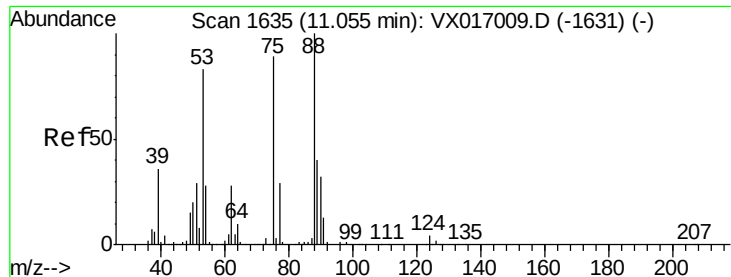
120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)





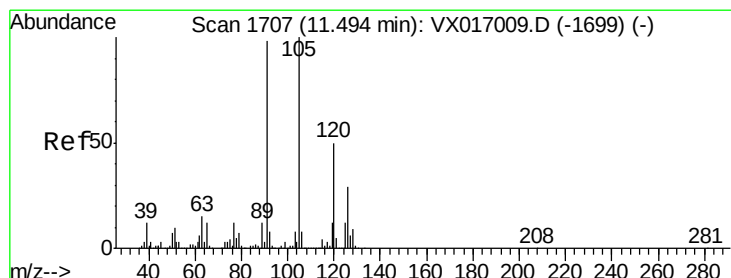
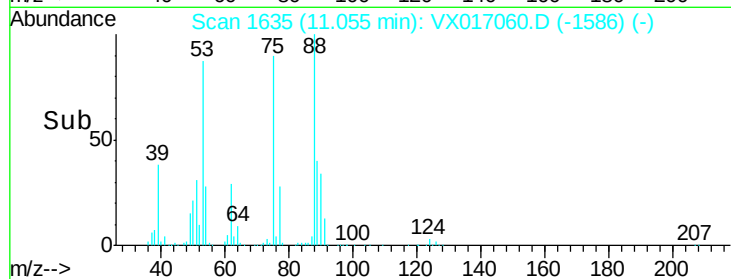
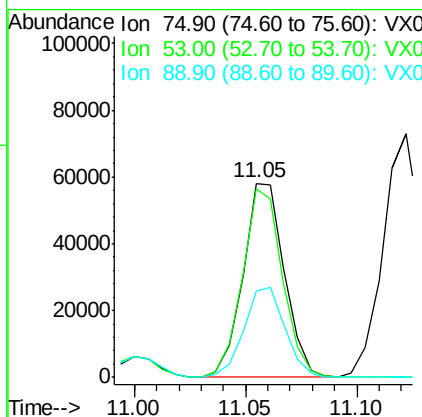
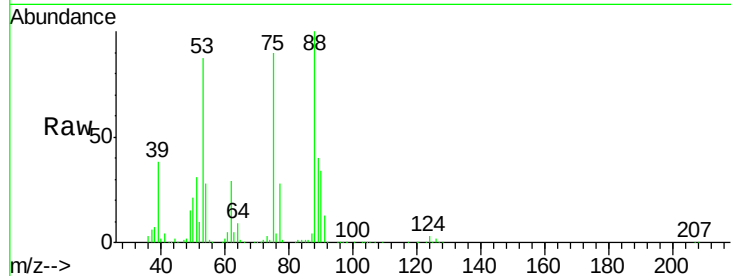
#81
trans-1,4-Dichloro-2-butene
Concen: 48.687 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.2	72.4	108.6
89	46.4	37.0	55.4

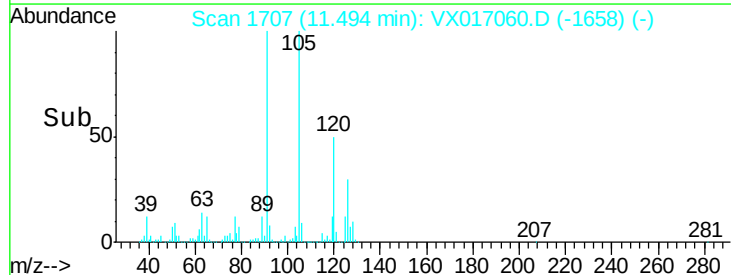
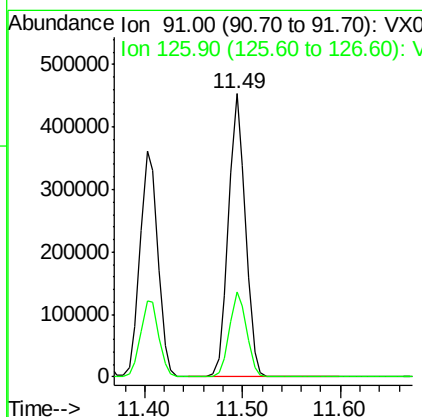
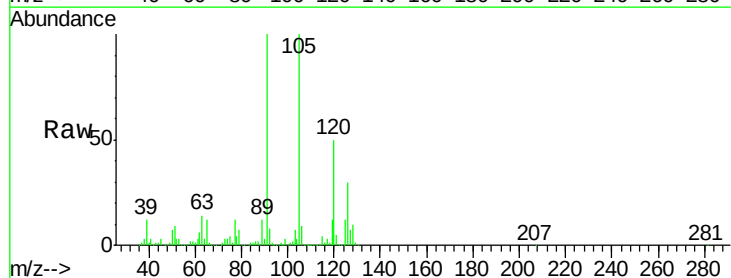
Manual Integrations
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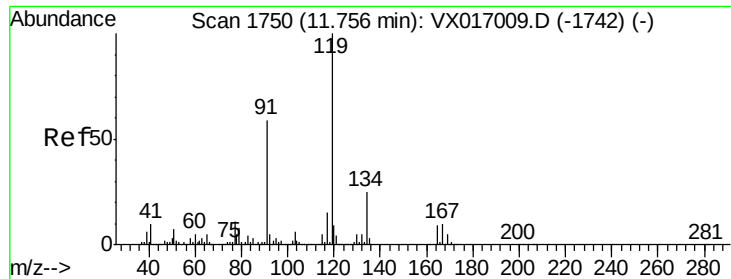
MMDadoda
7/1/2020 10:49:00 AM



#82
4-Chlorotoluene
Concen: 50.544 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.5





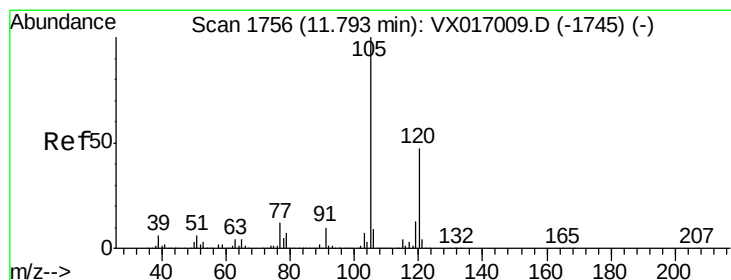
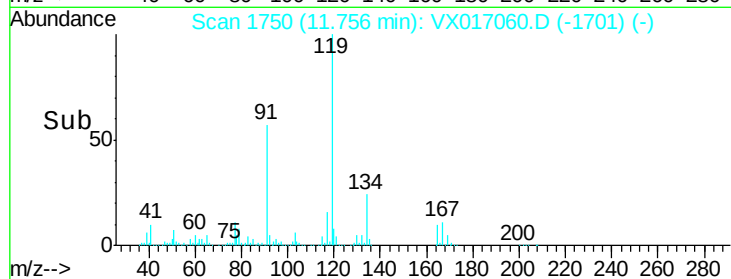
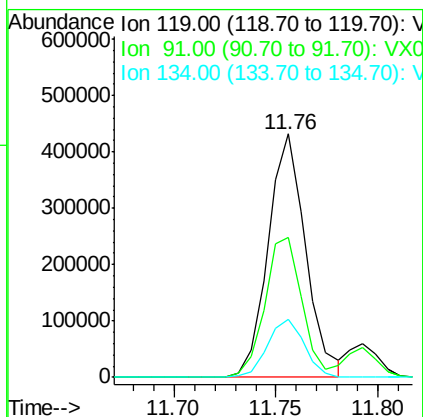
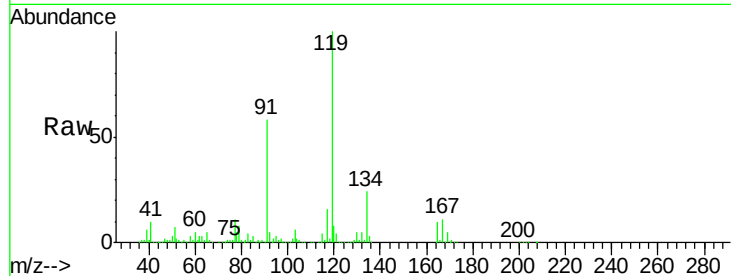
#83
 tert-Butylbenzene
 Concen: 51.415 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	553291		
91	56.4	28.3	84.9	
134	23.5	11.7	35.1	

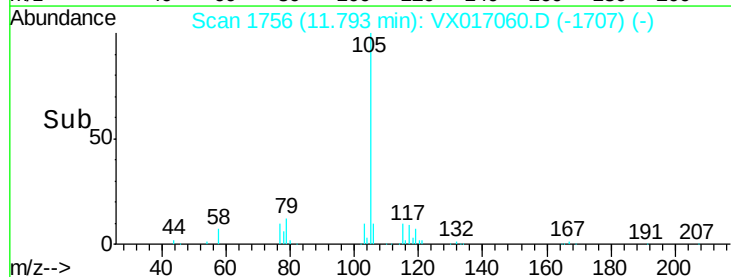
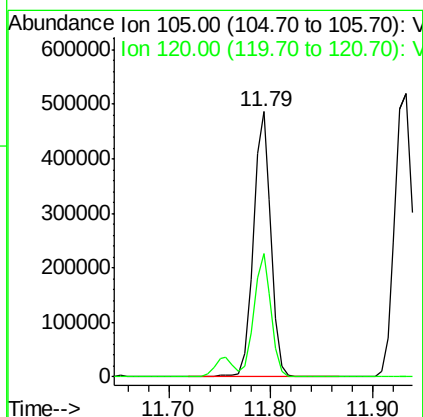
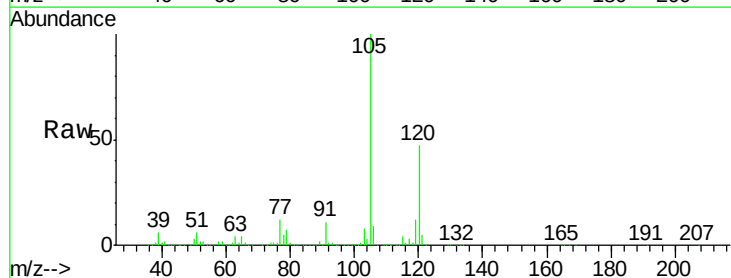
Manual Integrations
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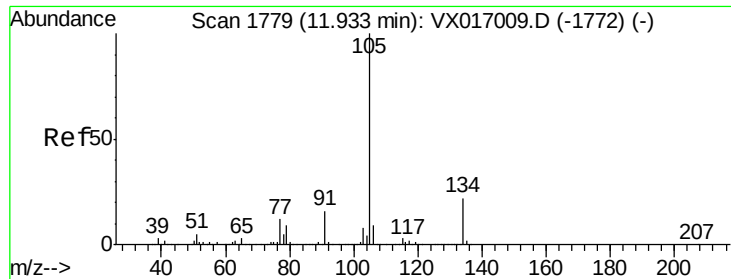
MMDadoda
 7/1/2020 10:49:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.337 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	582061		
120	45.8	22.9	68.5	





#85

sec-Butylbenzene

Concen: 51.023 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 645419

Ion Ratio Lower Upper

105 100

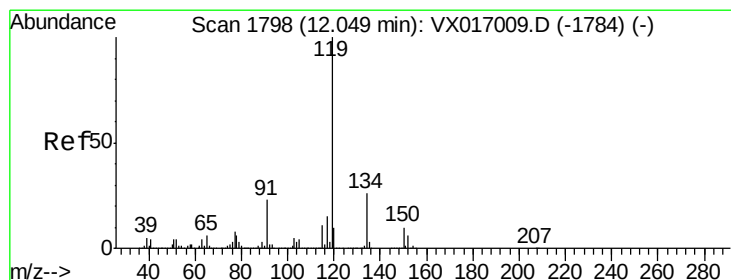
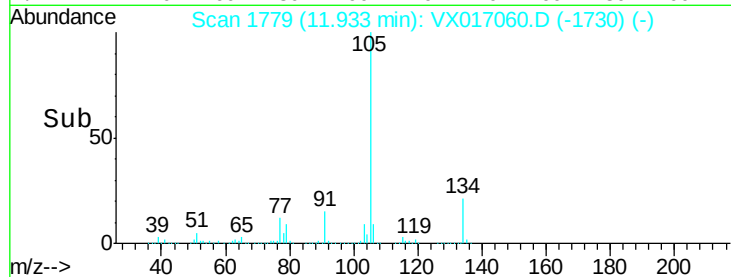
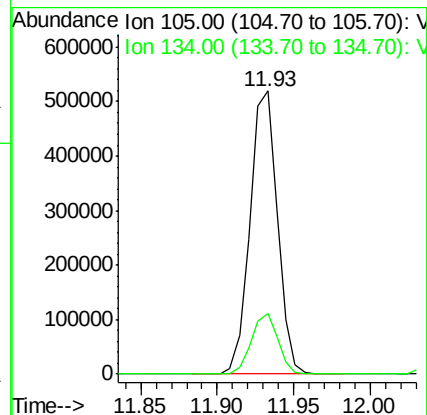
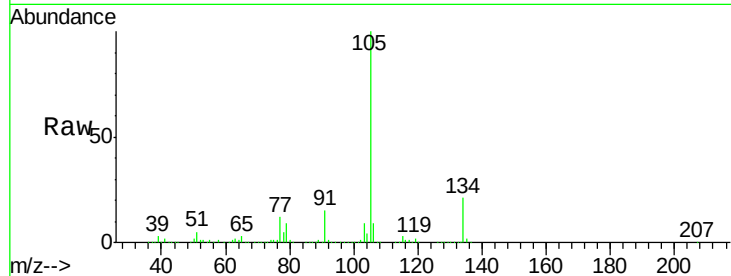
134 20.8 10.5 31.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.804 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

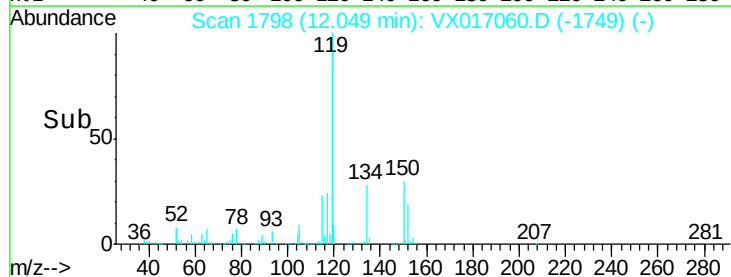
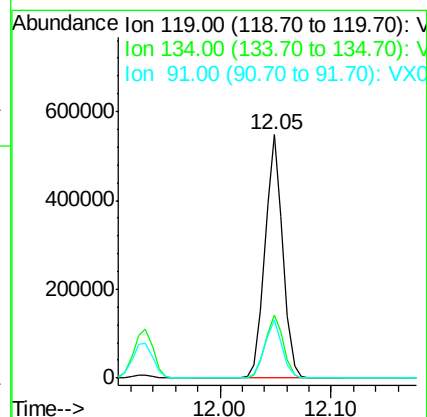
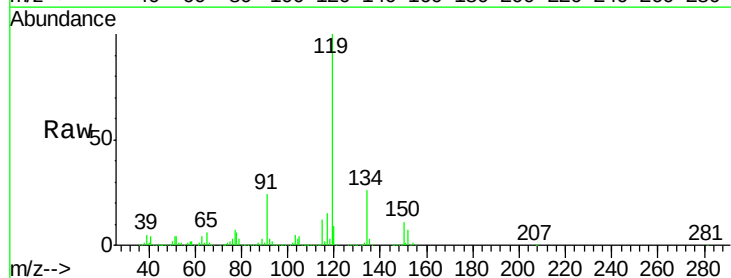
Tgt Ion:119 Resp: 610038

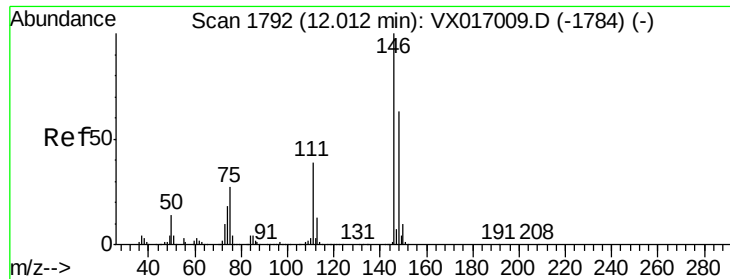
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 23.8 11.8 35.4





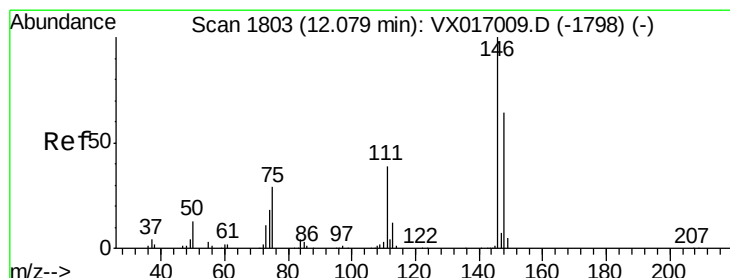
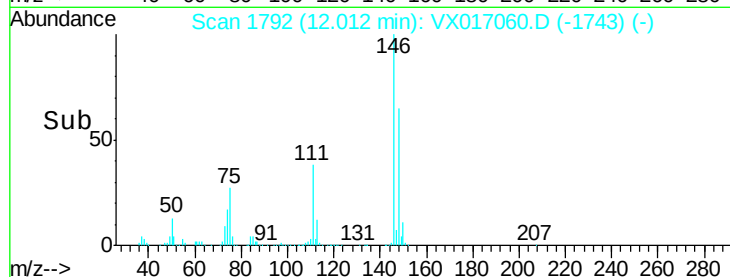
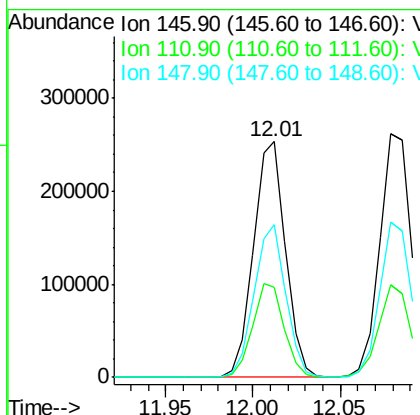
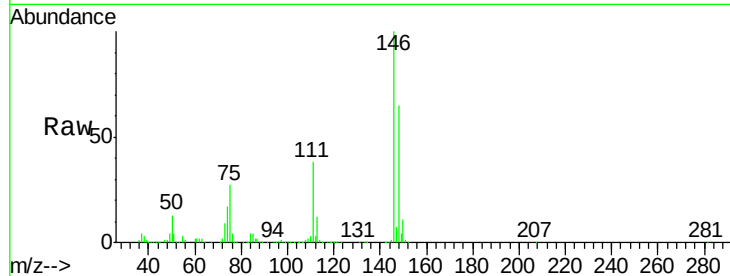
#87
 1,3-Dichlorobenzene
 Concen: 48.690 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.4	61.2
148	64.3	32.5	97.5

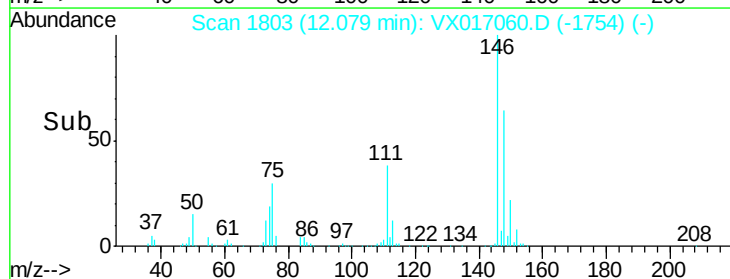
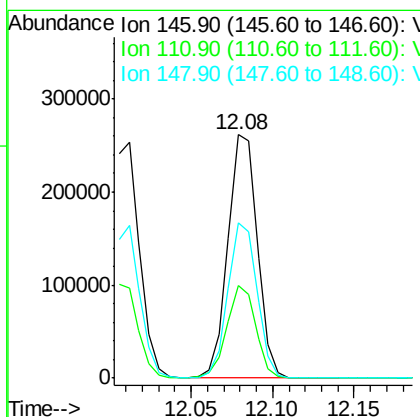
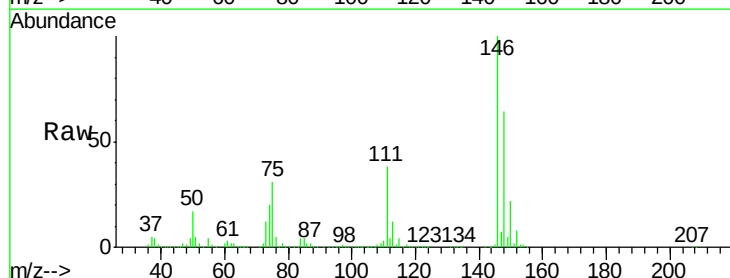
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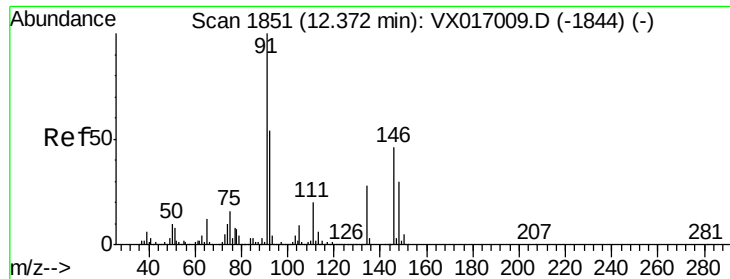
MMDadoda
 7/1/2020 10:49:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.735 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.5	58.5
148	63.5	31.9	95.7





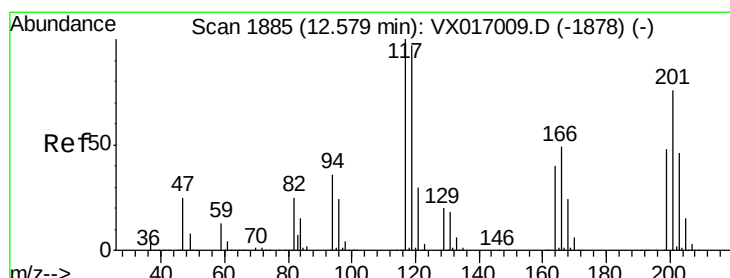
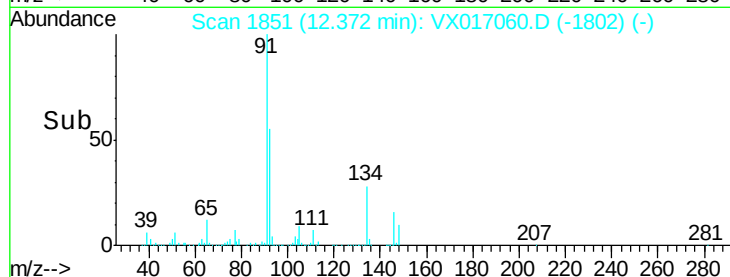
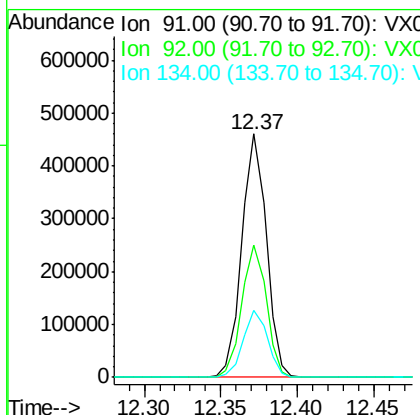
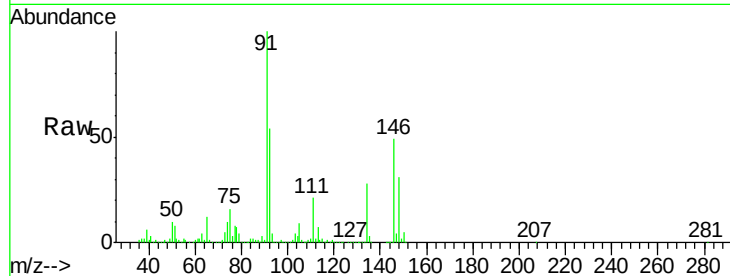
#89
n-Butylbenzene
Concen: 48.819 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.6
134	27.5	13.6	40.7

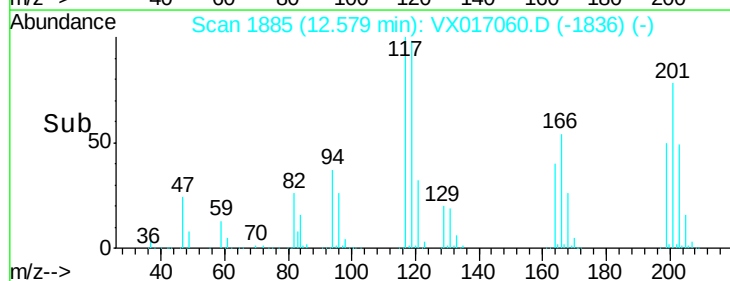
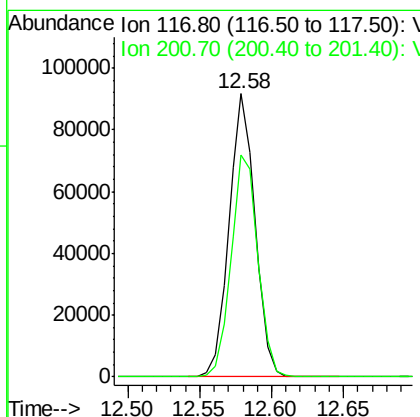
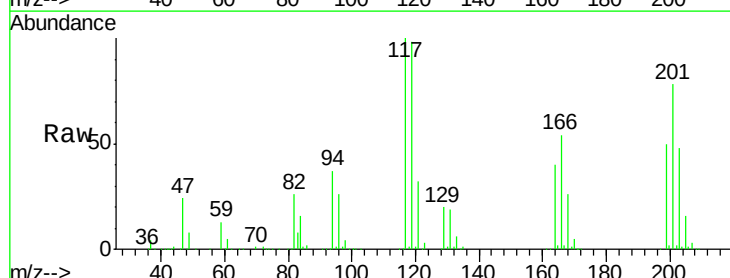
Manual Integrations
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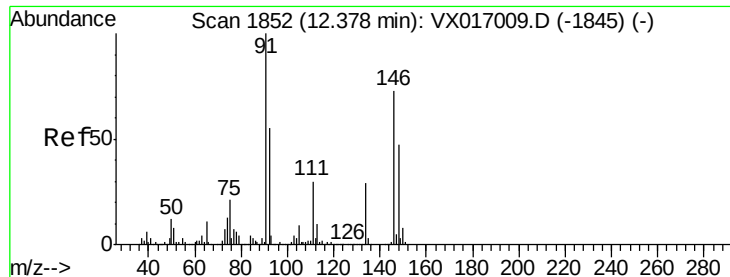
MMDadoda
7/1/2020 10:49:00 AM



#90
Hexachloroethane
Concen: 49.986 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	39.4	118.2





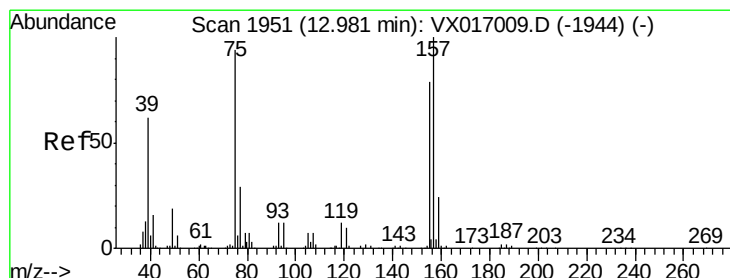
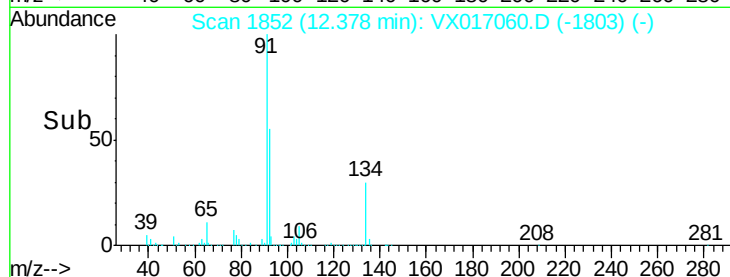
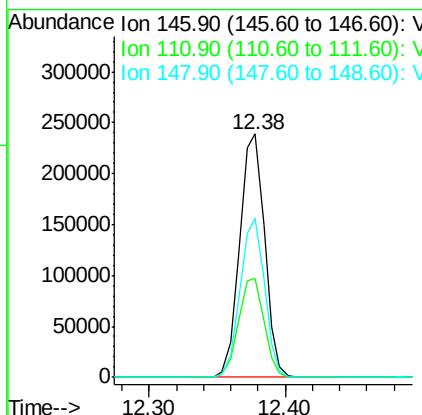
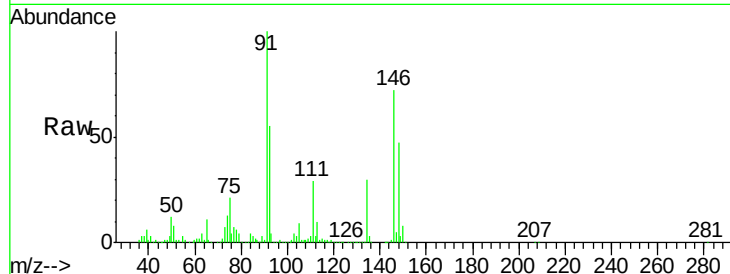
#91
 1,2-Dichlorobenzene
 Concen: 49.662 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	64.1	32.4	97.2

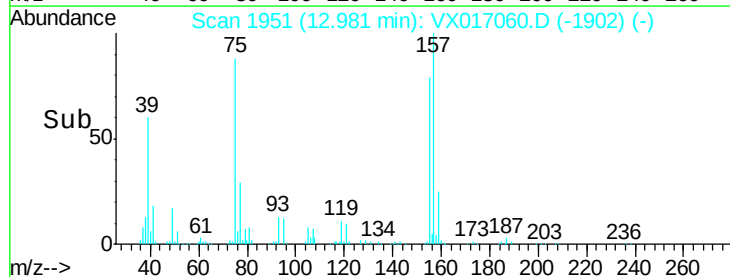
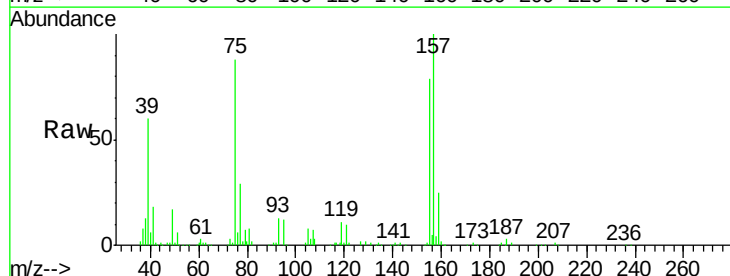
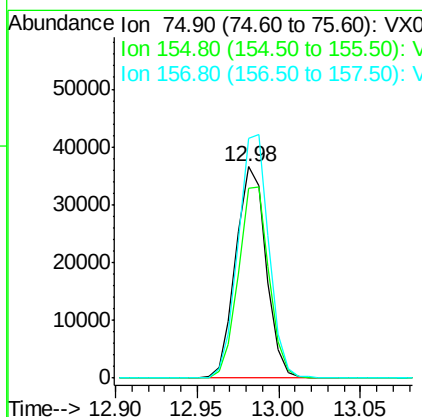
Manual Integrations
 APPROVED

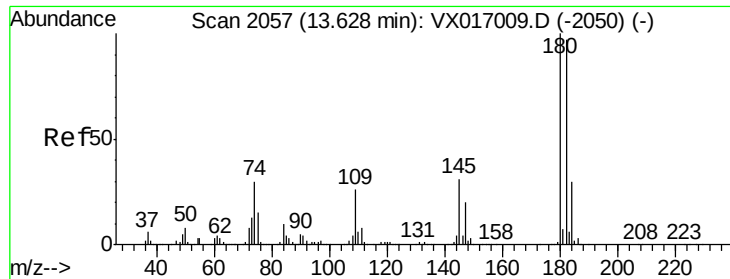
MMDadoda
 7/1/2020 10:49:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.871 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	45.1	135.2
157	116.5	56.5	169.3





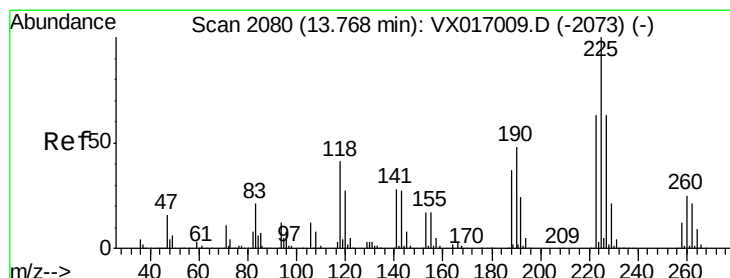
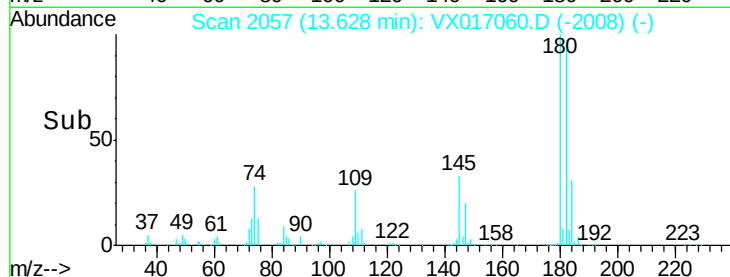
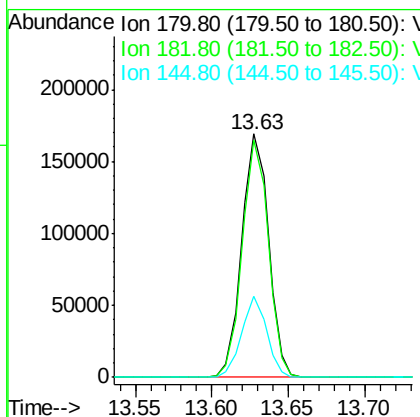
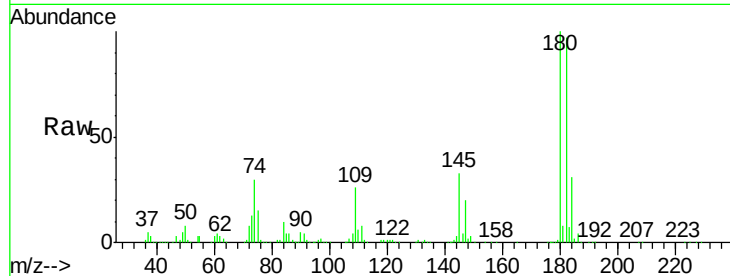
#93
 1,2,4-Trichlorobenzene
 Concen: 48.898 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205806		
182	95.0		47.3	141.9
145	31.1		15.4	46.2

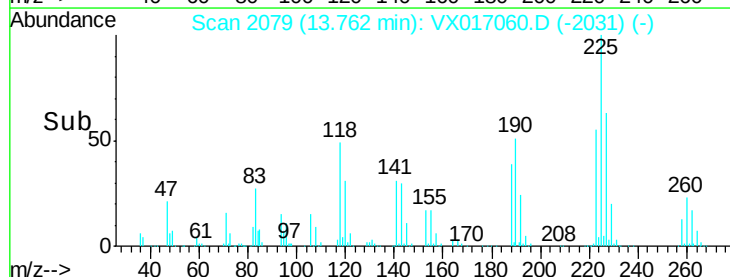
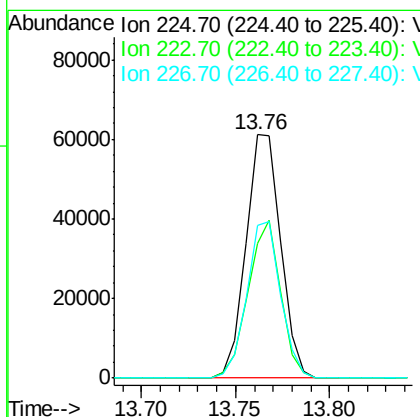
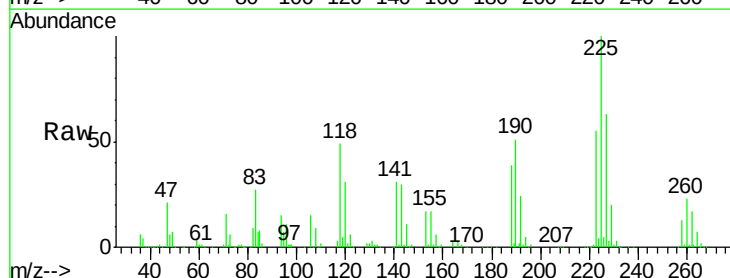
Manual Integrations
 APPROVED

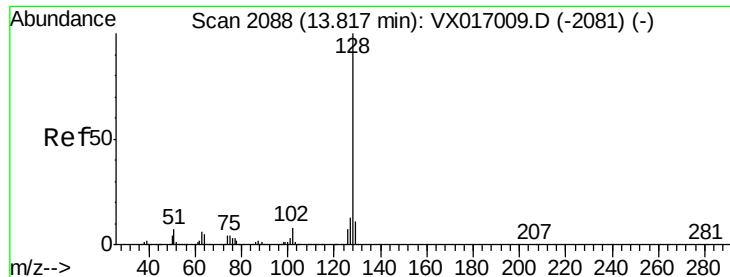
MMDadoda
 7/1/2020 10:49:00 AM



#94
 Hexachlorobutadiene
 Concen: 49.050 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78324		
223	60.4		32.5	97.5
227	62.6		33.1	99.2





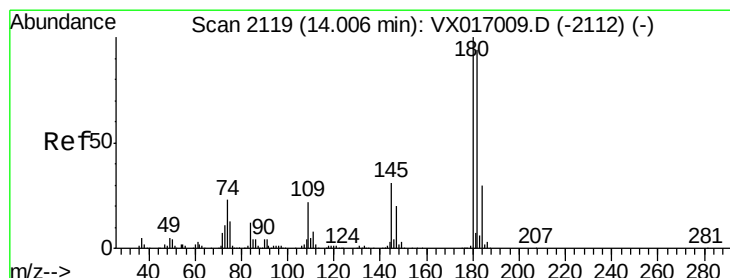
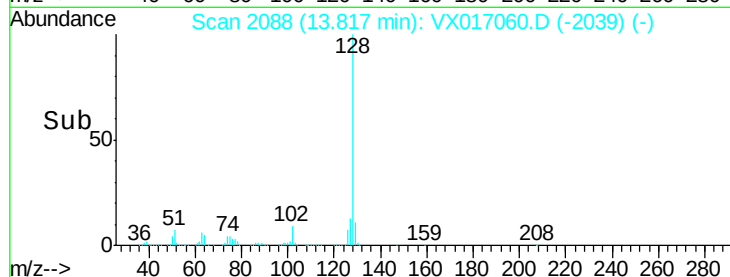
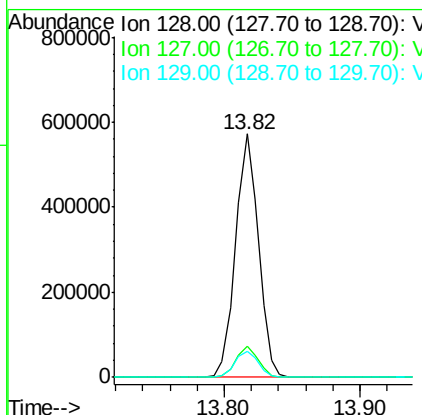
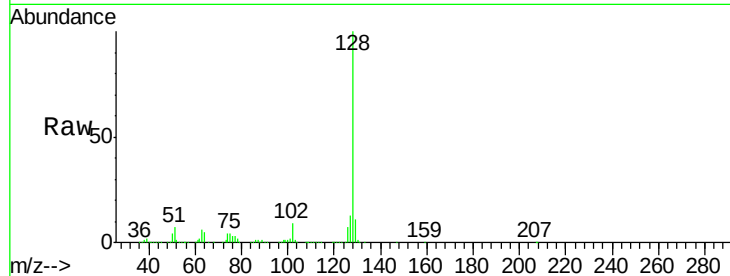
#95
Naphthalene
Concen: 52.350 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.807 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.4
145	33.0	16.6	49.7

