

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017217.D
 Acq On : 07 Jul 2020 20:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:43 AM

Quant Time: Jul 08 03:27:56 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	275330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168298	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.46	113	139491	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.70	98	496709	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.12	95	202275	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113905	42.763	ug/l	98
3) Chloromethane	1.31	50	124116	38.495	ug/l	100
4) Vinyl Chloride	1.39	62	124571	41.642	ug/l	99
5) Bromomethane	1.62	94	56318	35.634	ug/l	98
6) Chloroethane	1.70	64	80285	45.442	ug/l	97
7) Trichlorofluoromethane	1.91	101	213646	48.290	ug/l	99
8) Diethyl Ether	2.17	74	75277	50.564	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119420	45.036	ug/l	98
10) Methyl Iodide	2.49	142	90790	26.535	ug/l	100
11) Tert butyl alcohol	3.02	59	158074	244.120	ug/l	99
12) 1,1-Dichloroethene	2.36	96	120246	44.143	ug/l	97
13) Acrolein	2.27	56	139054	359.240	ug/l	99
14) Allyl chloride	2.71	41	218713	43.446	ug/l	99
15) Acrylonitrile	3.12	53	376908	242.132	ug/l	99
16) Acetone	2.42	43	311334	245.191	ug/l	98
17) Carbon Disulfide	2.55	76	330861	43.529	ug/l	99
18) Methyl Acetate	2.75	43	168055	50.700	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	458328	50.133	ug/l	99
20) Methylene Chloride	2.83	84	148643	51.059	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	142980	47.298	ug/l	99
22) Diisopropyl ether	3.82	45	449939	48.290	ug/l	98
23) Vinyl Acetate	3.79	43	1982426	247.601	ug/l	99
24) 1,1-Dichloroethane	3.67	63	255148	48.127	ug/l	99
25) 2-Butanone	4.64	43	513329	242.622	ug/l	99
26) 2,2-Dichloropropane	4.55	77	188642	40.074	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	158105	46.160	ug/l	99
28) Bromochloromethane	4.98	49	125058	48.475	ug/l	95
29) Tetrahydrofuran	5.09	42	331571	237.188	ug/l	98
30) Chloroform	5.18	83	266248	48.991	ug/l	95
31) Cyclohexane	5.54	56	191015	41.683	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240851	48.121	ug/l	99
36) 1,1-Dichloropropene	5.77	75	184230	45.868	ug/l	99
37) Ethyl Acetate	4.79	43	198127	48.617	ug/l	99
38) Carbon Tetrachloride	5.75	117	219177	49.543	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	193480	43.294	ug/l	97
40) Benzene	6.11	78	561248	47.558	ug/l	100
41) Methacrylonitrile	5.01	41	109774	47.860	ug/l	98
42) 1,2-Dichloroethane	6.16	62	216696	50.835	ug/l	99
43) Isopropyl Acetate	6.42	43	323511	47.773	ug/l	99
44) Trichloroethene	7.19	130	166012	50.984	ug/l	97
45) 1,2-Dichloropropane	7.49	63	146413	48.304	ug/l	99
46) Dibromomethane	7.63	93	104886	50.685	ug/l	98
47) Bromodichloromethane	7.88	83	219930	51.571	ug/l	94
48) Methyl methacrylate	7.74	41	162581	50.534	ug/l	97
49) 1,4-Dioxane	7.71	88	71985	987.631	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1027251	254.478	ug/l	100
52) Toluene	8.77	92	364553	49.477	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	227811	48.416	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	242766	48.129	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	154607	51.358	ug/l	98
56) Ethyl methacrylate	9.16	69	220202	51.392	ug/l	99
57) 1,3-Dichloropropane	9.35	76	253654	49.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	587574	275.535	ug/l	99
59) 2-Hexanone	9.48	43	776731	263.465	ug/l	100
60) Dibromochloromethane	9.57	129	182890	52.307	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163054	50.390	ug/l	99
64) Tetrachloroethene	9.32	164	151703	45.712	ug/l	95
65) Chlorobenzene	10.12	112	398844	46.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	165395	50.568	ug/l	99
67) Ethyl Benzene	10.23	91	683347	48.214	ug/l	99
68) m/p-Xylenes	10.34	106	535796	98.454	ug/l	98
69) o-Xylene	10.68	106	254456	49.151	ug/l	99
70) Styrene	10.70	104	459453	52.116	ug/l	99
71) Bromoform	10.84	173	142718	55.025	ug/l #	100
73) Isopropylbenzene	11.00	105	688239	45.756	ug/l	100
74) N-amyl acetate	10.88	43	293072	45.663	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	219312	46.352	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	207827m	46.023	ug/l	
77) Bromobenzene	11.24	156	190084	45.981	ug/l	97
78) n-propylbenzene	11.34	91	777525	45.711	ug/l	100
79) 2-Chlorotoluene	11.40	91	478516	46.483	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	594305	47.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	76023	43.597	ug/l	96
82) 4-Chlorotoluene	11.49	91	577046	46.891	ug/l	100
83) tert-Butylbenzene	11.76	119	575122	46.958	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	614764	48.569	ug/l	99
85) sec-Butylbenzene	11.93	105	653172	45.369	ug/l	100
86) p-Isopropyltoluene	12.05	119	632695	47.208	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	340368	45.333	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	341755	48.260	ug/l	99
89) n-Butylbenzene	12.37	91	503263	42.054	ug/l	99
90) Hexachloroethane	12.58	117	120415	45.561	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	333293	47.490	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51451	45.584	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212320	44.324	ug/l	100
94) Hexachlorobutadiene	13.77	225	76460	42.192	ug/l	98
95) Naphthalene	13.82	128	703077	48.278	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214105	46.185	ug/l	99

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

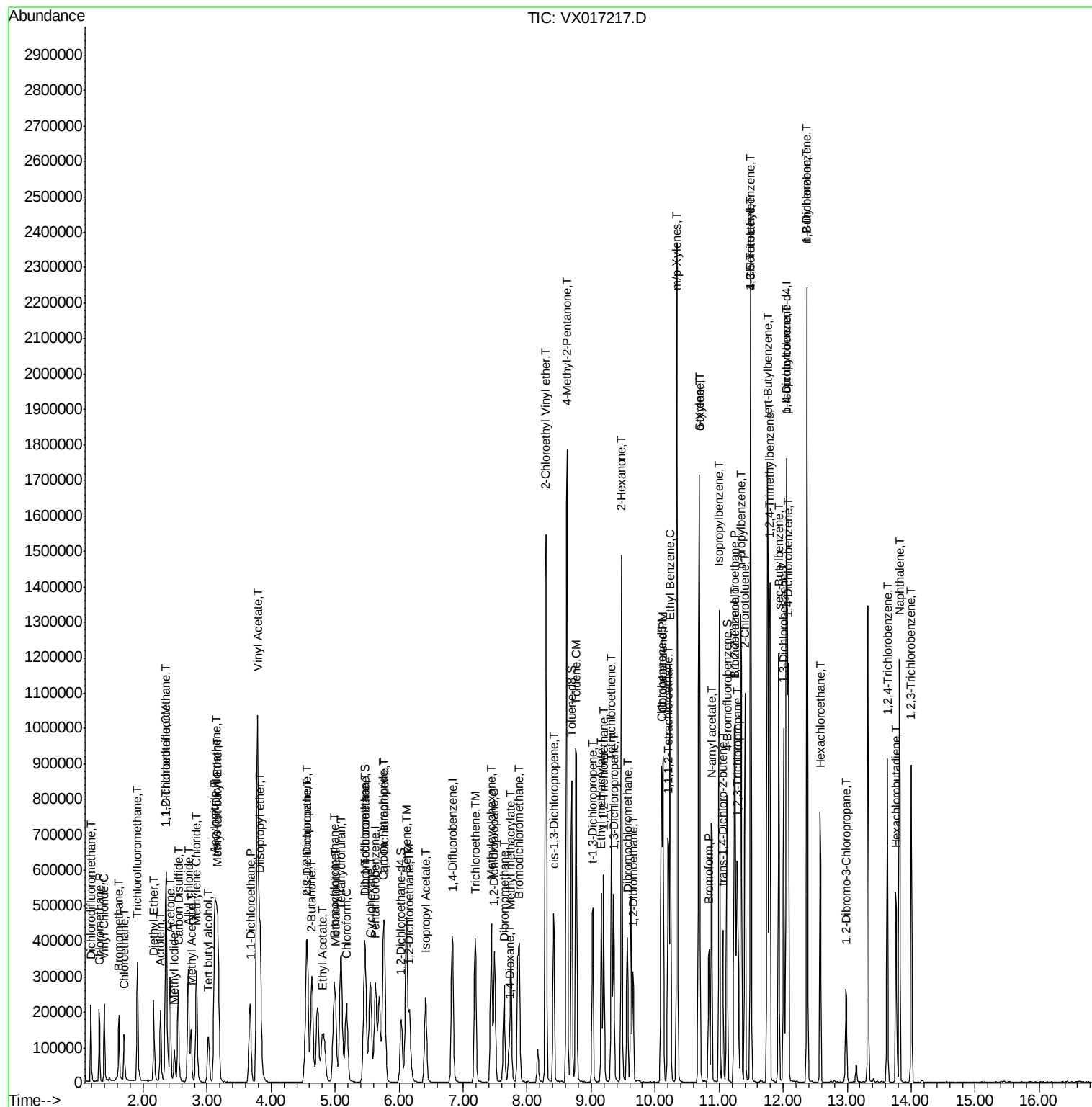
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Data File : VX017217.D
Acq On : 07 Jul 2020 20:25
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 275330

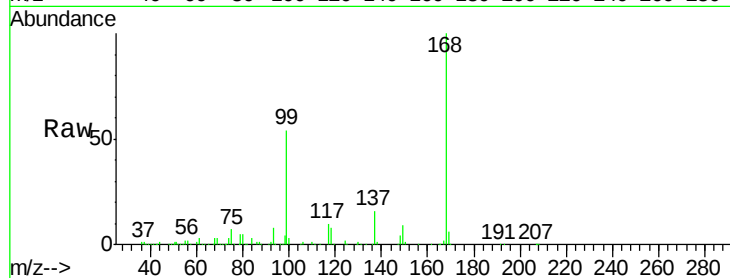
Ion Ratio Lower Upper

168 100

99 53.6 42.6 64.0

Manual Integrations
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7/8/2020 9:31:43 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

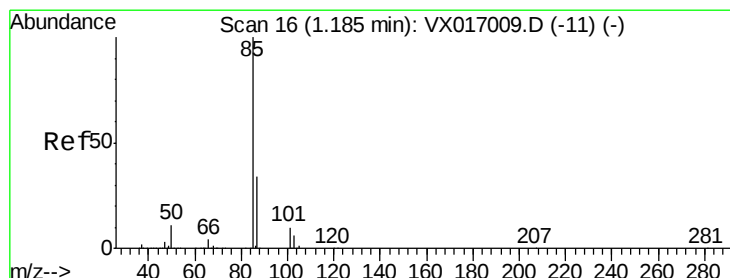
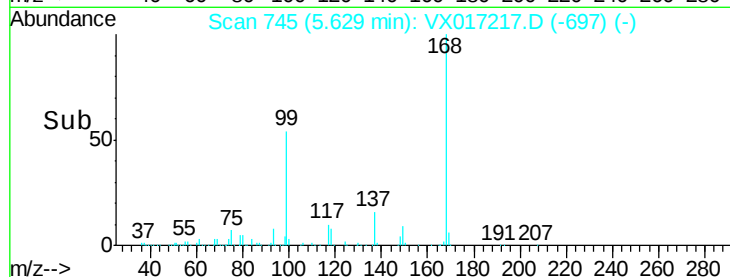
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.763 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017217.D

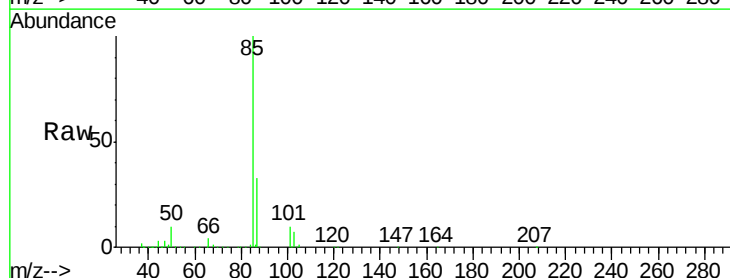
Acq: 07 Jul 2020 20:25

Tgt Ion: 85 Resp: 113905

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

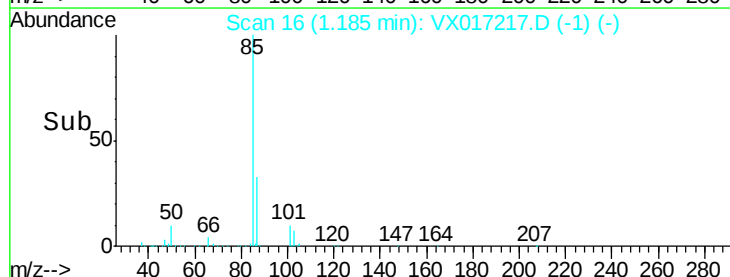
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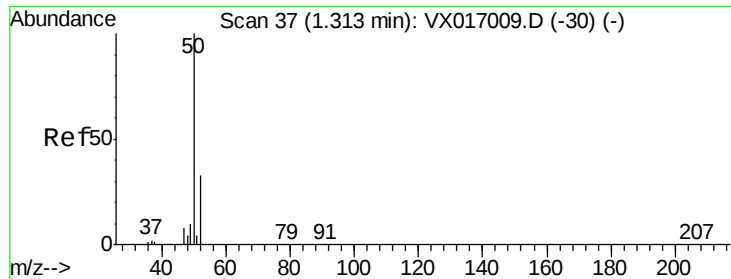
100000

50000

0

Time-->





#3

Chloromethane

Concen: 38.495 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 124116

Ion Ratio Lower Upper

50 100

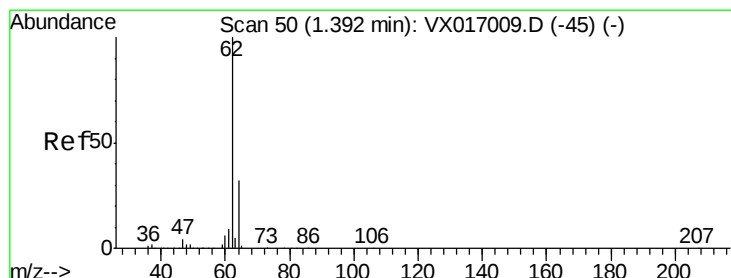
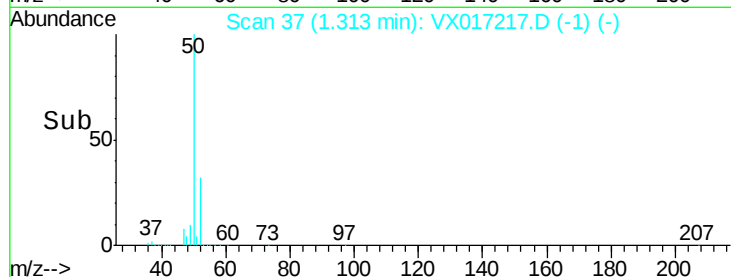
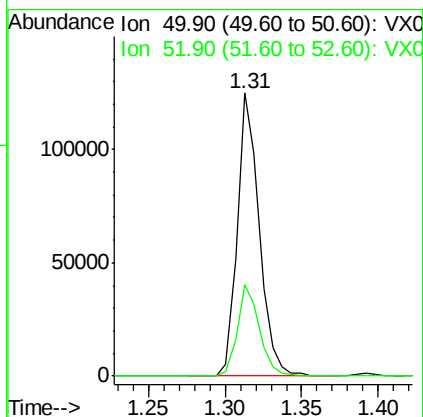
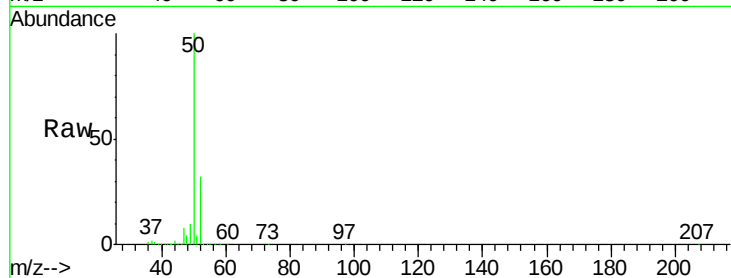
52 32.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.642 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017217.D

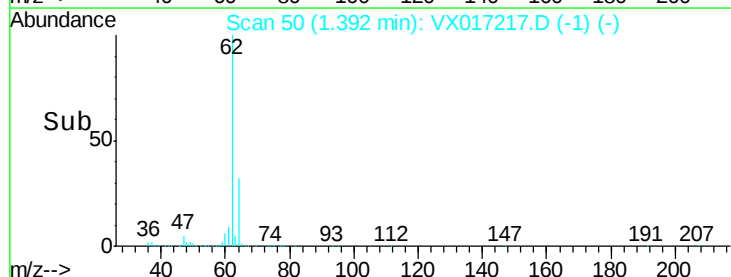
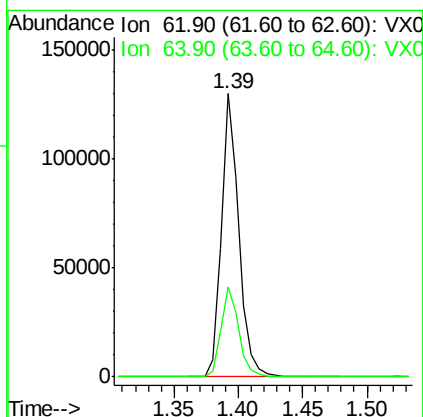
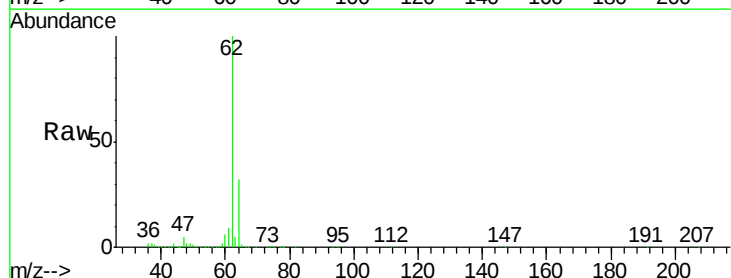
Acq: 07 Jul 2020 20:25

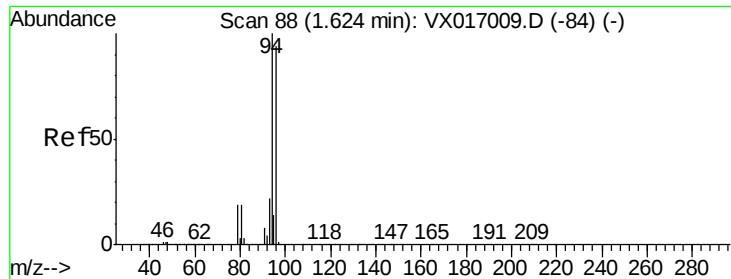
Tgt Ion: 62 Resp: 124571

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 35.634 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56318

Ion Ratio Lower Upper

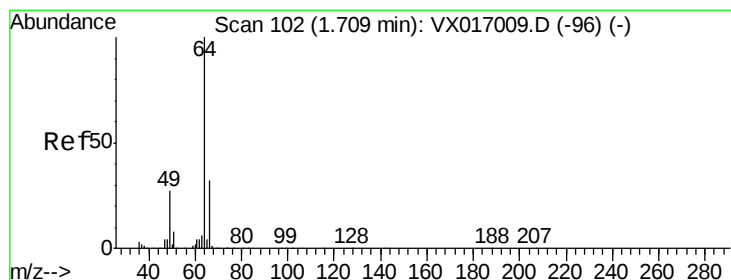
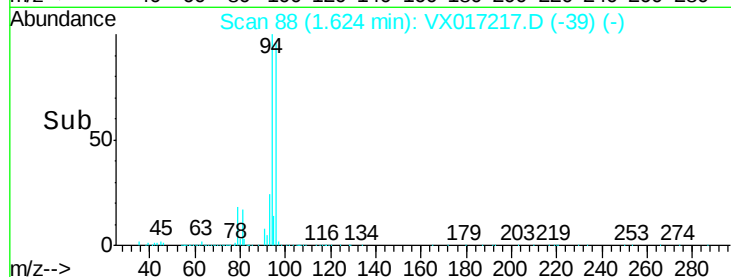
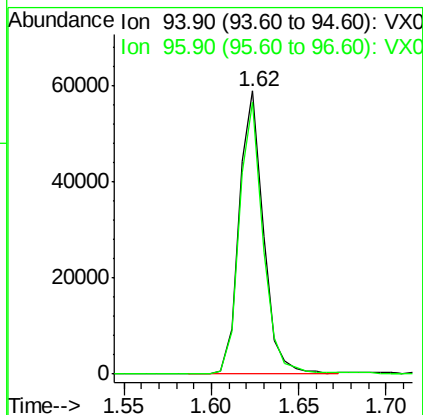
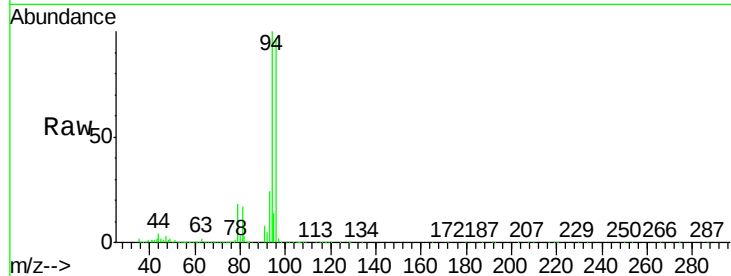
94 100

96 95.7 75.0 112.4

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#6

Chloroethane

Concen: 45.442 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017217.D

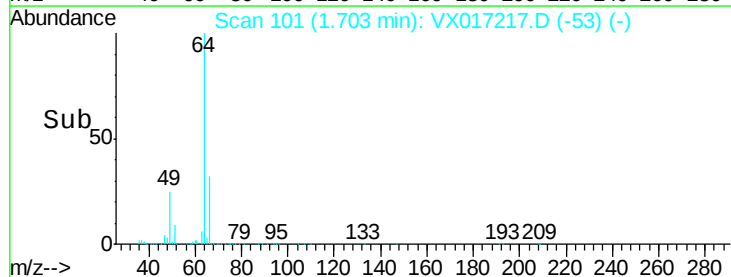
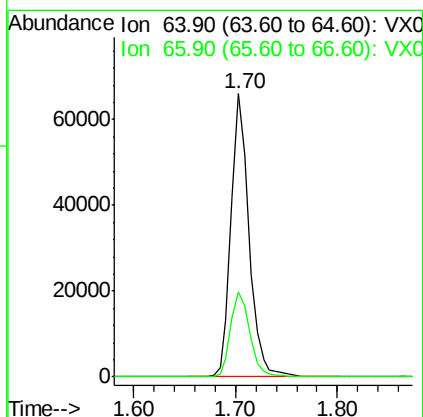
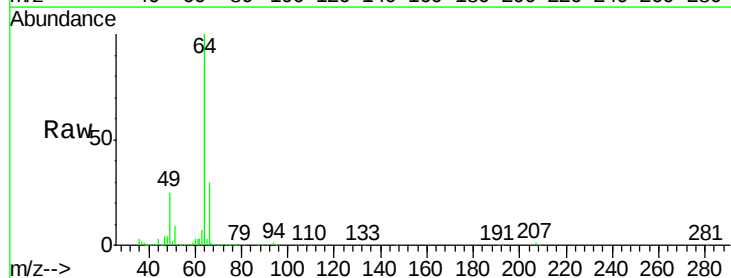
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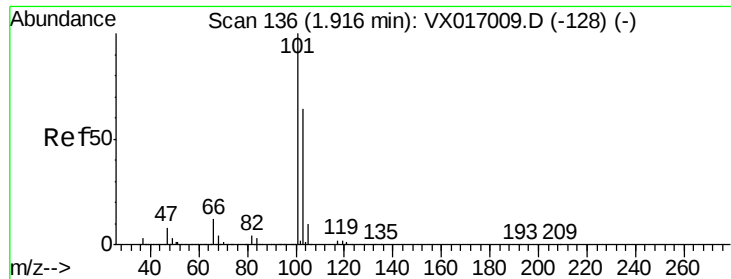
Tgt Ion: 64 Resp: 80285

Ion Ratio Lower Upper

64 100

66 30.0 25.5 38.3





#7

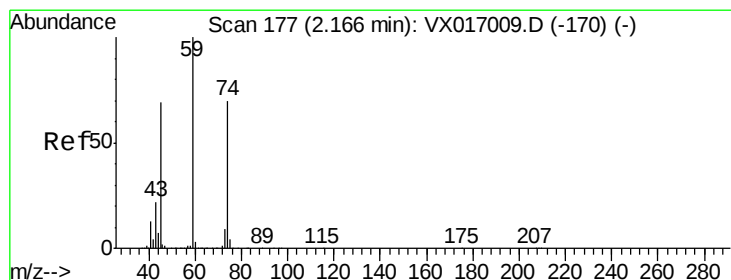
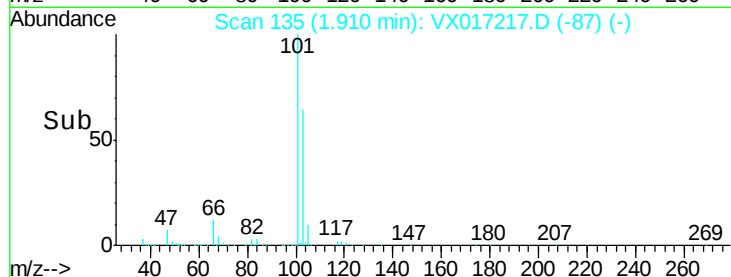
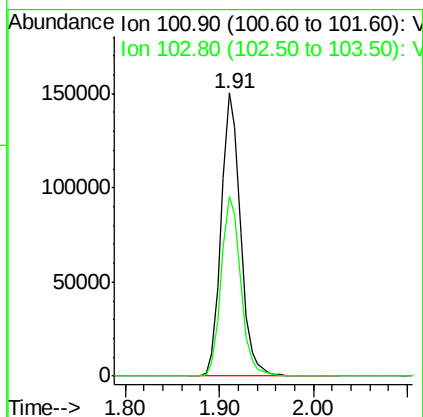
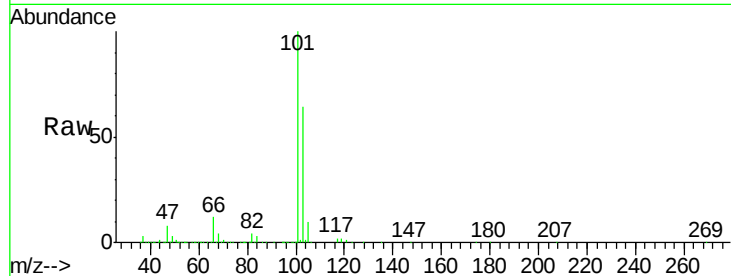
Trichlorofluoromethane
Concen: 48.290 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.5	77.3

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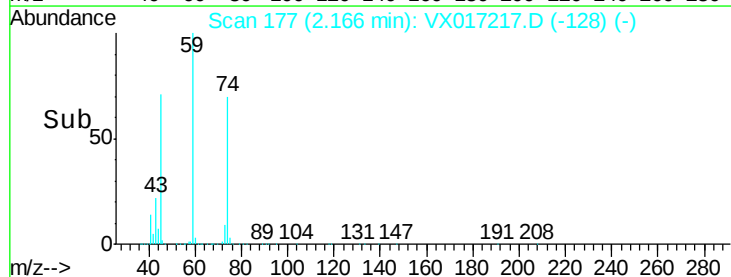
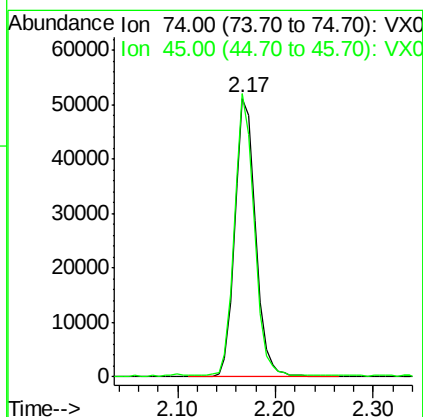
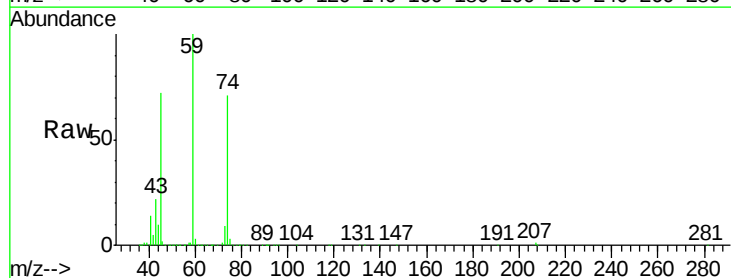
MMDadoda
7/8/2020 9:31:43 AM

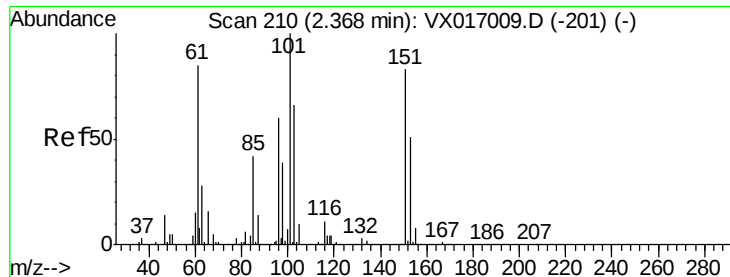


#8

Diethyl Ether
Concen: 50.564 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.036 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017217.D

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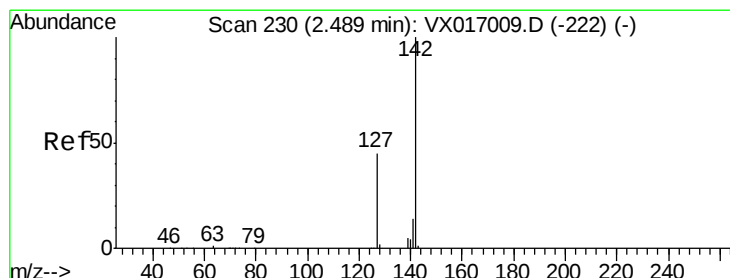
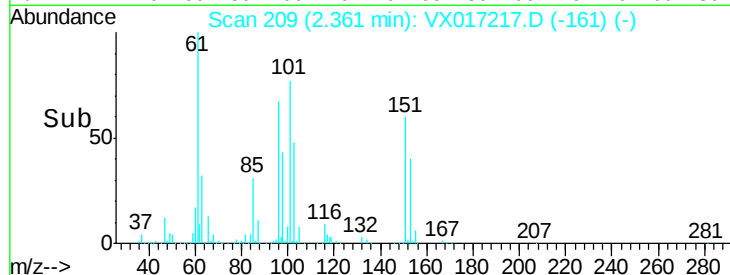
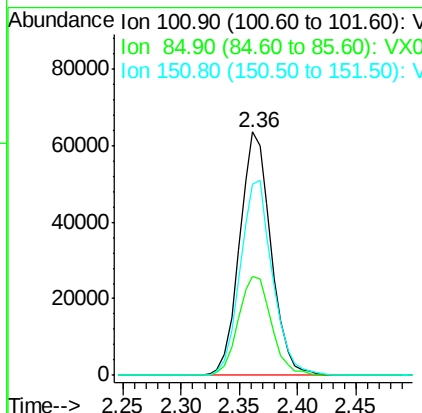
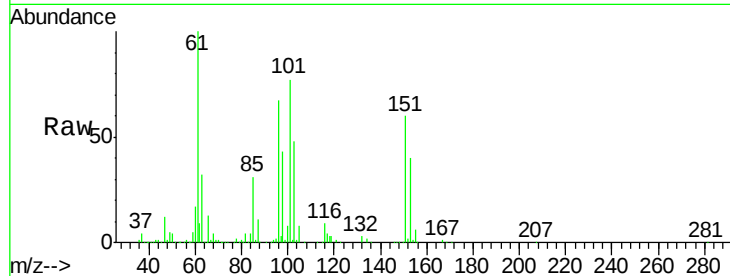
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119420
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.5	50.3
151	82.4	63.8	95.6

Manual Integrations
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MMDadoda
7/8/2020 9:31:43 AM



#10

Methyl Iodide

Concen: 26.535 ug/l

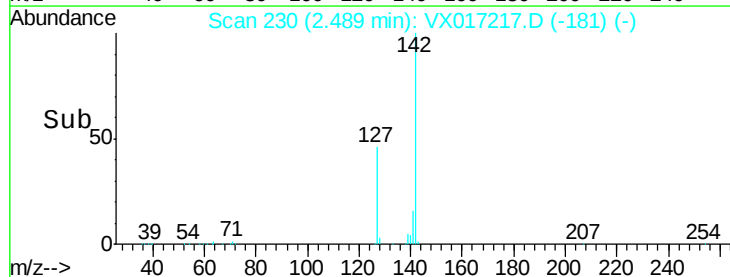
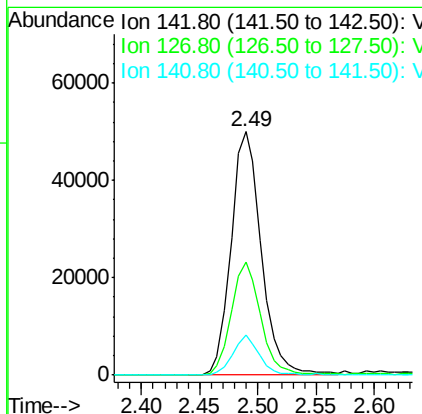
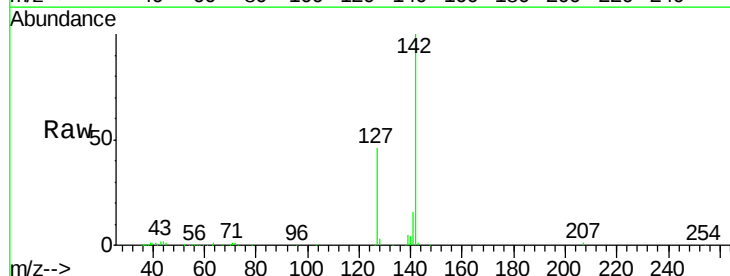
RT: 2.49 min Scan# 230

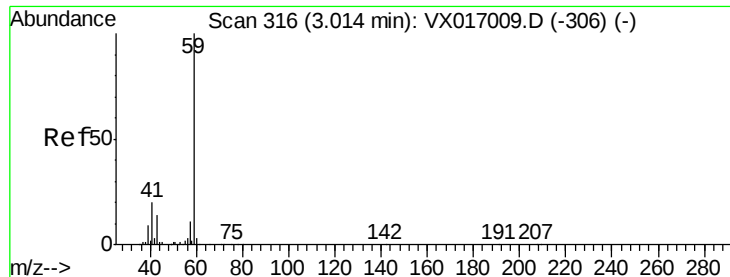
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	142	Resp:	90790
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.6	54.8
141	14.7	11.6	17.4





#11

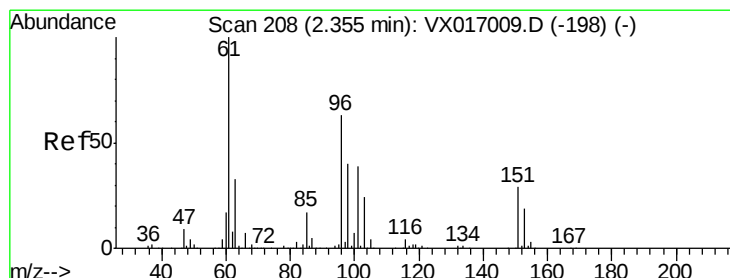
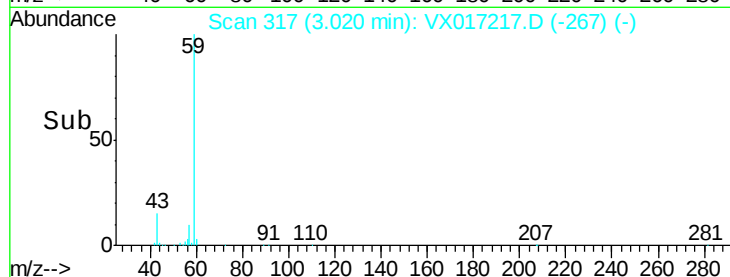
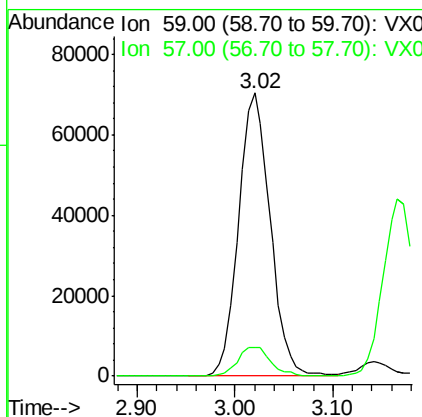
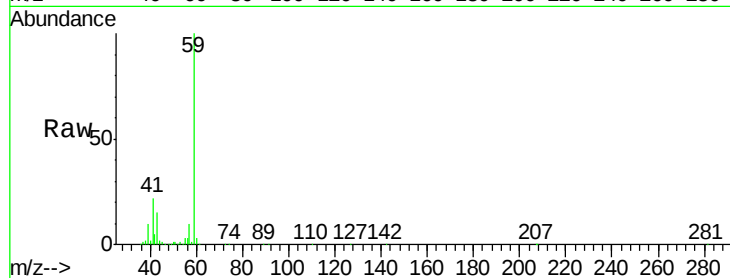
Tert butyl alcohol
Concen: 244.120 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	158074		
57	57	10.7		8.2	12.2

Manual Integrations
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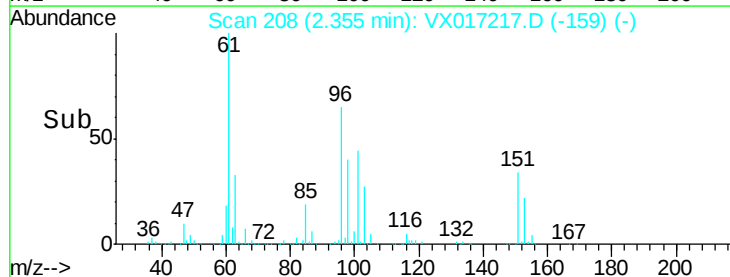
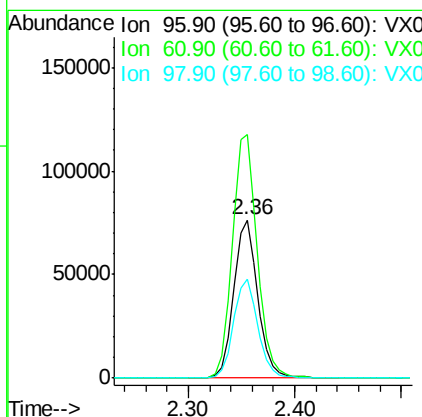
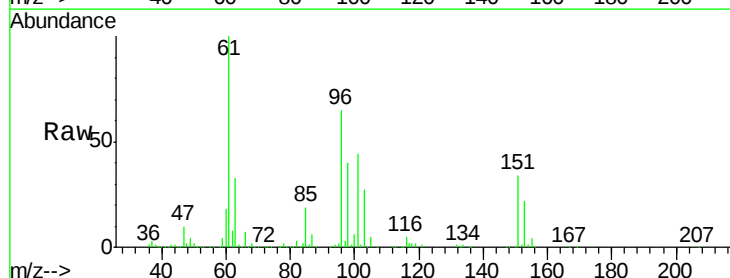
MMDadoda
7/8/2020 9:31:43 AM

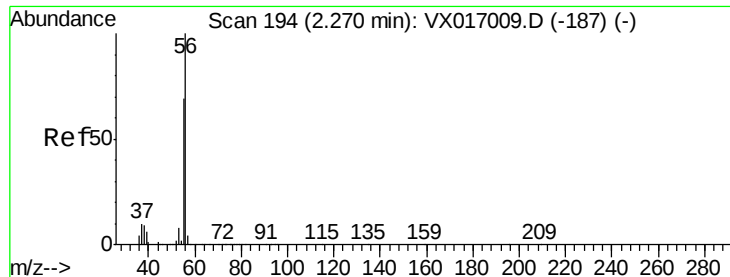


#12

1,1-Dichloroethene
Concen: 44.143 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	120246		
61	61	154.1		126.3	189.5
98	98	62.3		51.0	76.6





#13

Acrolein

Concen: 359.240 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 139054

Ion Ratio Lower Upper

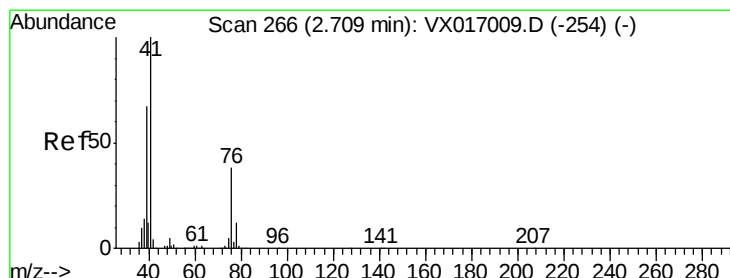
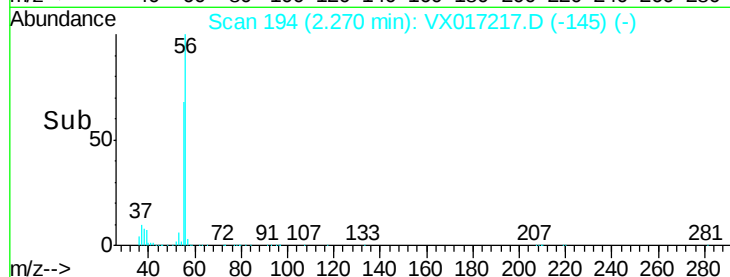
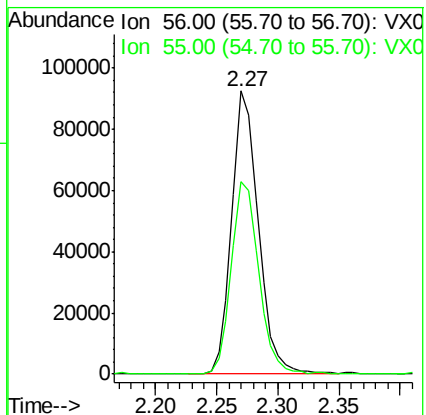
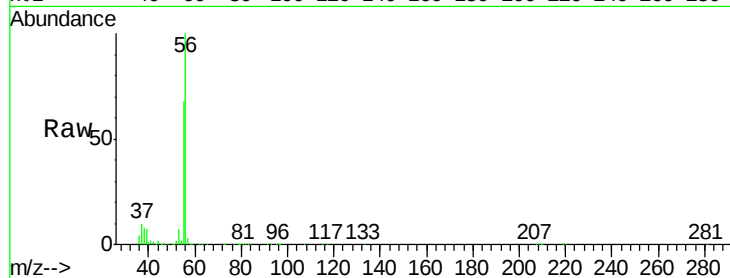
56 100

55 70.5 55.7 83.5

Manual Integrations
APPROVED

MMDadoda

7/8/2020 9:31:43 AM



#14

Allyl chloride

Concen: 43.446 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

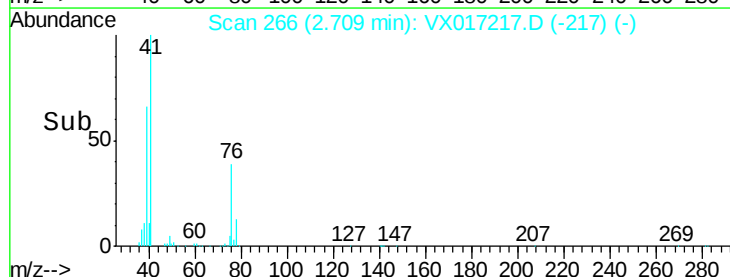
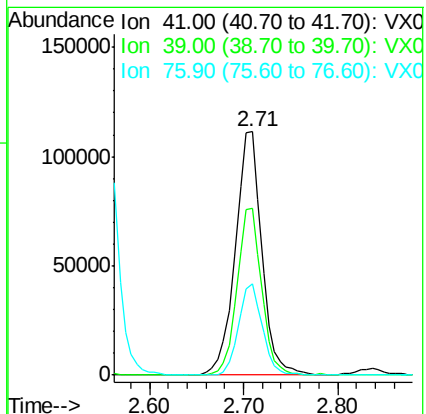
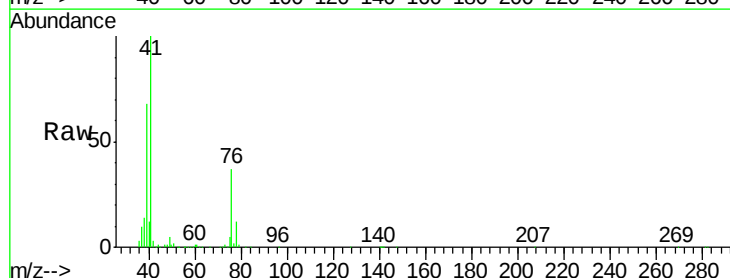
Tgt Ion: 41 Resp: 218713

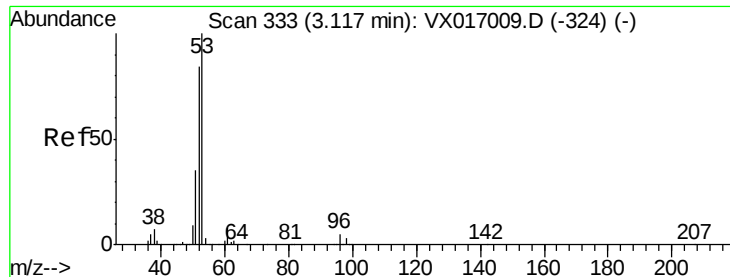
Ion Ratio Lower Upper

41 100

39 63.2 49.4 74.2

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 242.132 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

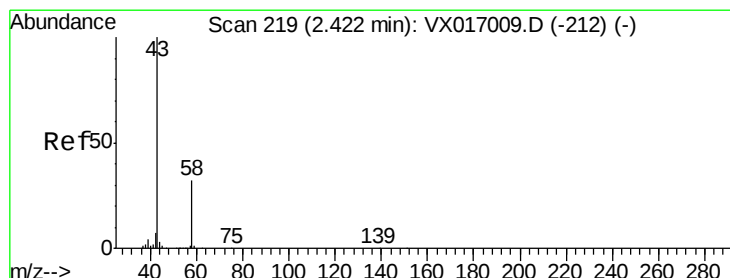
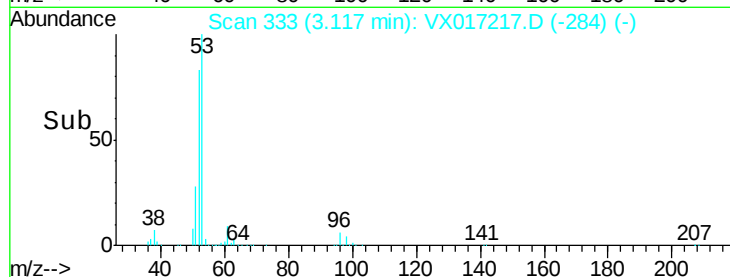
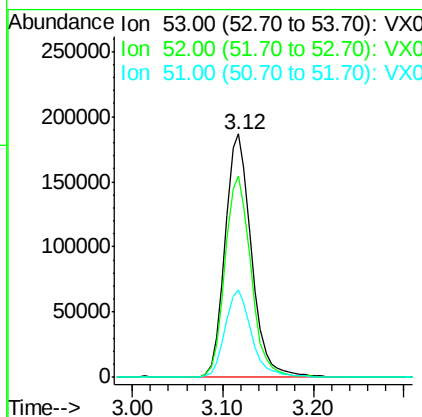
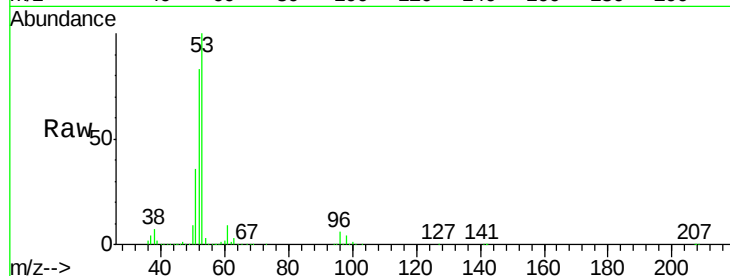
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	376908
Ion Ratio		Lower	Upper
53	100		
52	82.2	65.6	98.4
51	36.4	28.3	42.5

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:31:43 AM



#16

Acetone

Concen: 245.191 ug/l

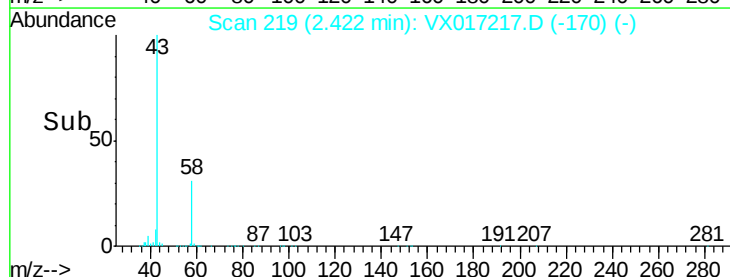
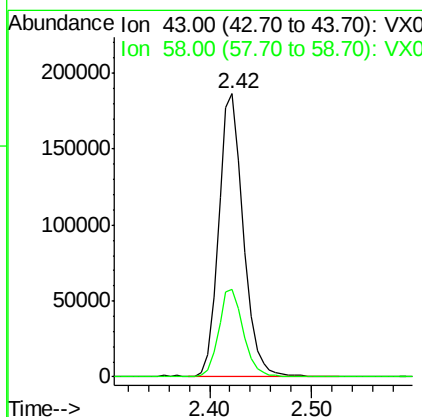
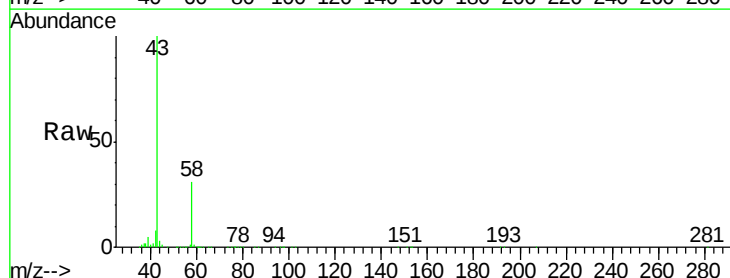
RT: 2.42 min Scan# 219

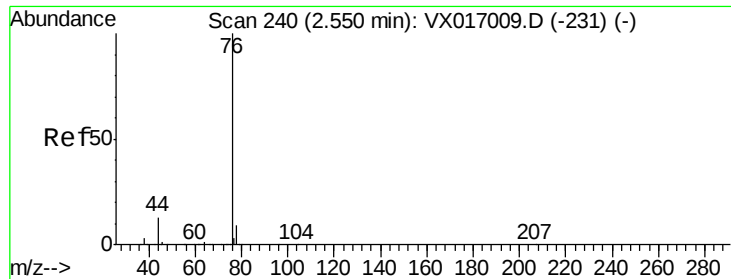
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	43	Resp:	311334
Ion Ratio		Lower	Upper
43	100		
58	31.1	25.7	38.5





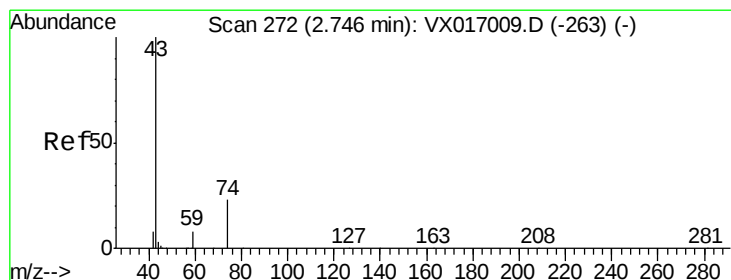
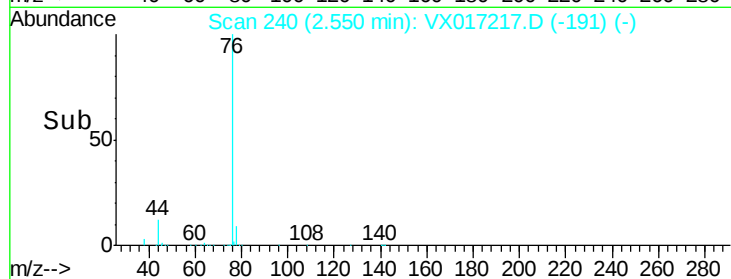
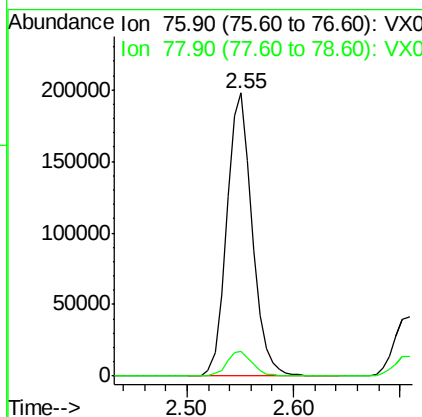
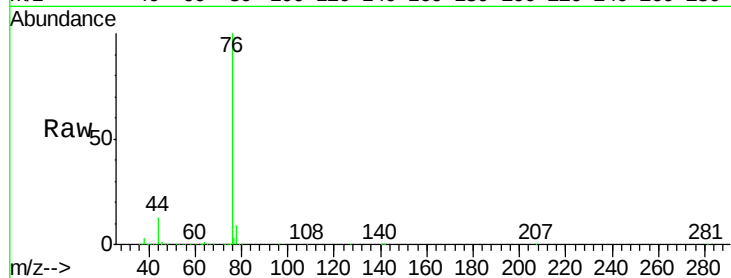
#17
Carbon Disulfide
Concen: 43.529 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

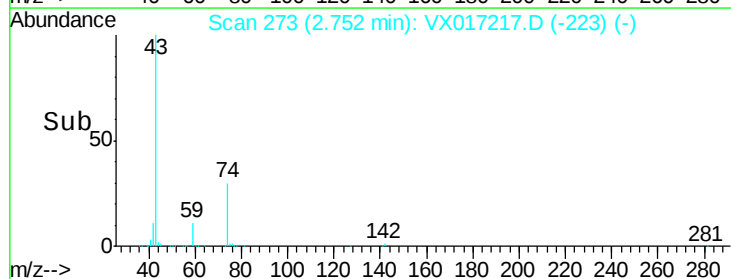
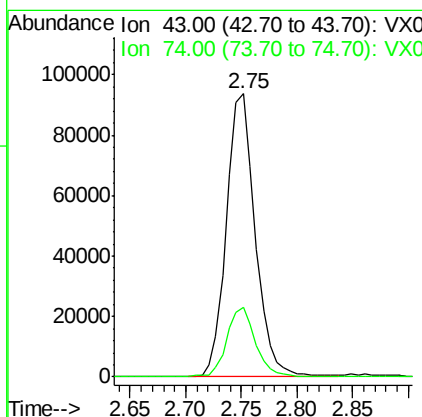
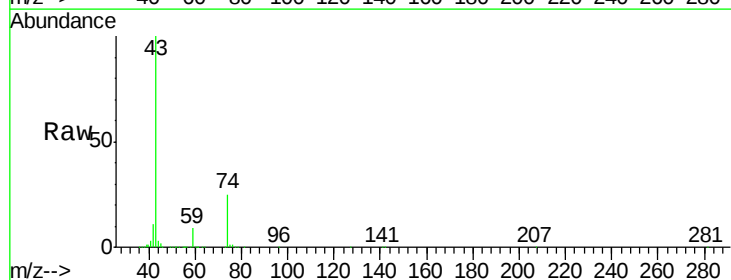
Manual Integrations
APPROVED

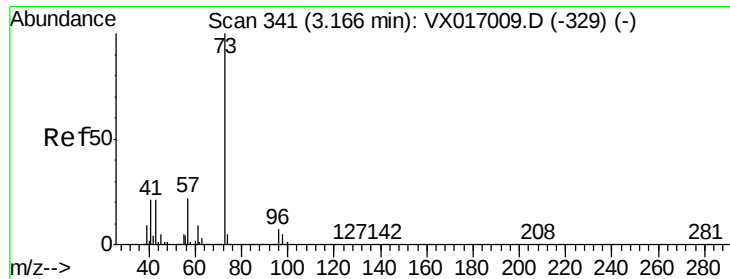
MMDadoda
7/8/2020 9:31:43 AM



#18
Methyl Acetate
Concen: 50.700 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.3	28.9





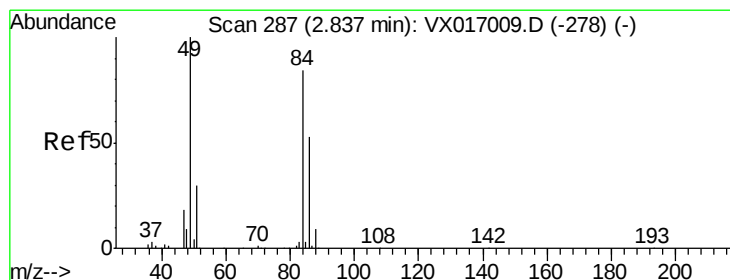
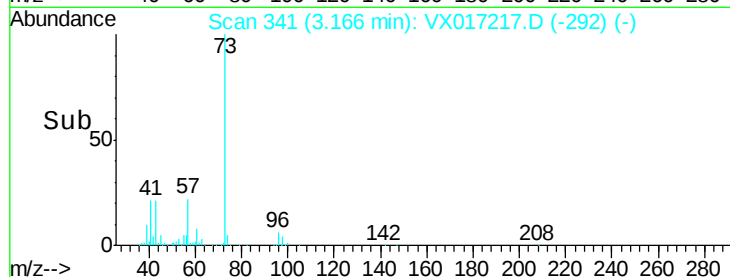
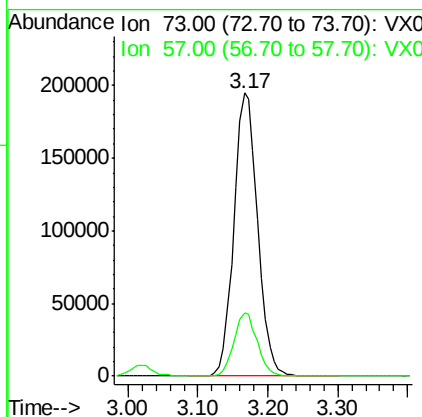
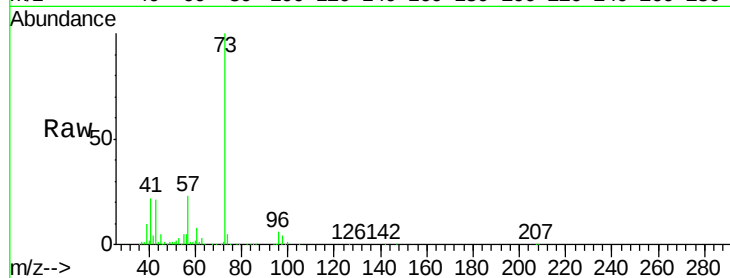
#19
Methvl tert-butvl Ether
Concen: 50.133 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.6	26.4

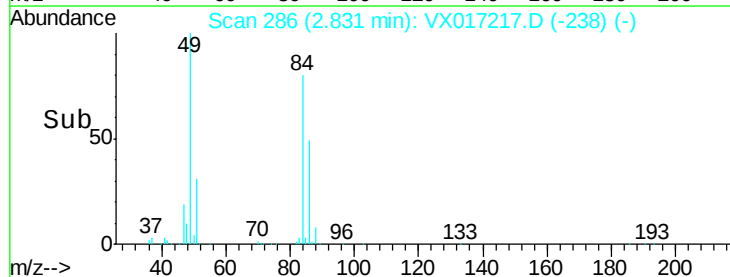
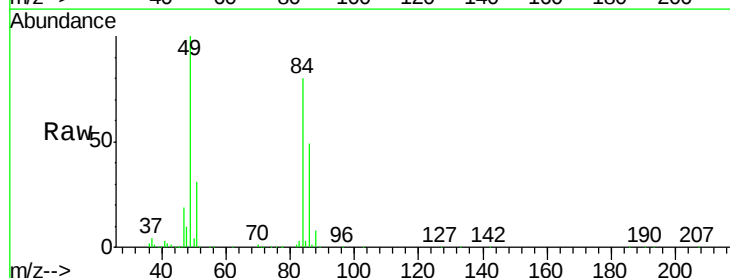
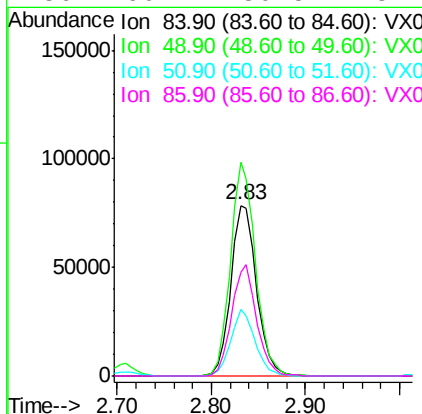
Manual Integrations
APPROVED

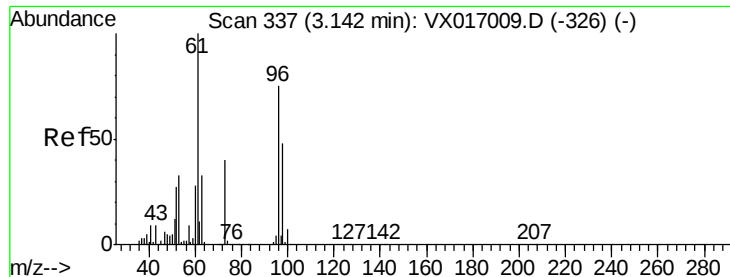
MMDadoda
7/8/2020 9:31:43 AM



#20
Methylene Chloride
Concen: 51.059 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	94.7	142.1
51	38.9	28.6	42.8
86	60.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 47.298 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

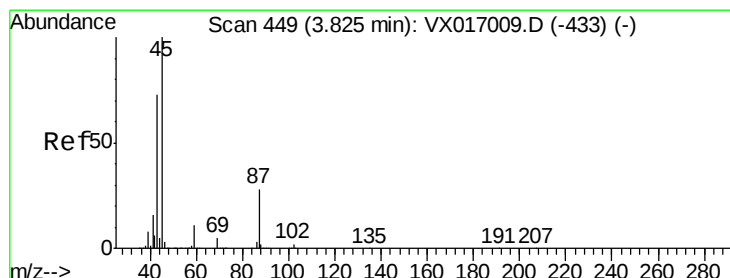
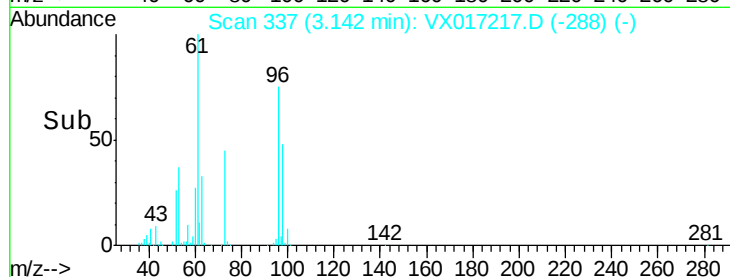
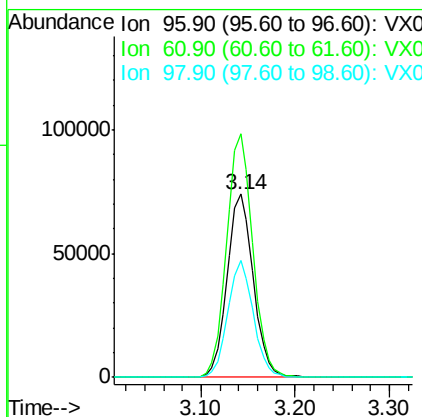
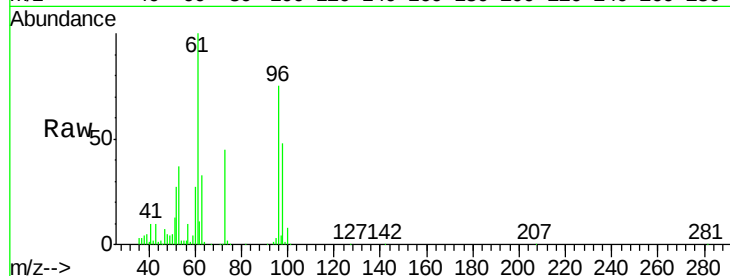
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	142980
Ion	Ratio	Lower	Upper
96	100		
61	133.0	107.0	160.6
98	64.0	51.6	77.4

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:31:43 AM



#22

Diisopropyl ether

Concen: 48.290 ug/l

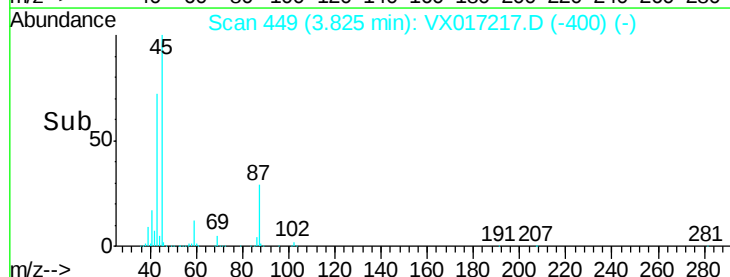
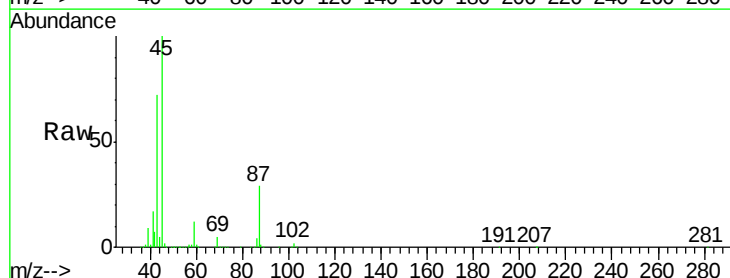
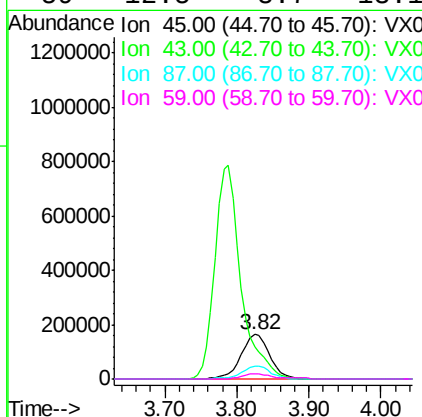
RT: 3.82 min Scan# 449

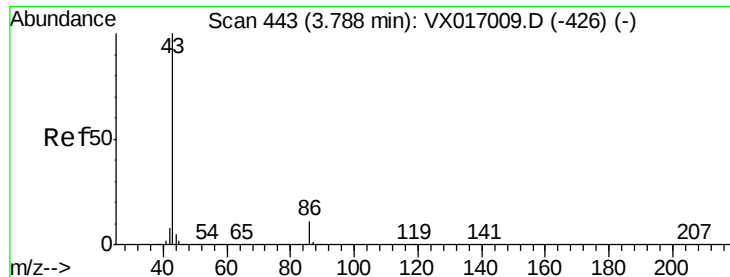
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	45	Resp:	449939
Ion	Ratio	Lower	Upper
45	100		
43	71.9	58.6	88.0
87	28.9	22.6	34.0
59	12.5	8.7	13.1





#23

Vinyl Acetate

Concen: 247.601 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1982426

Ion Ratio Lower Upper

43 100

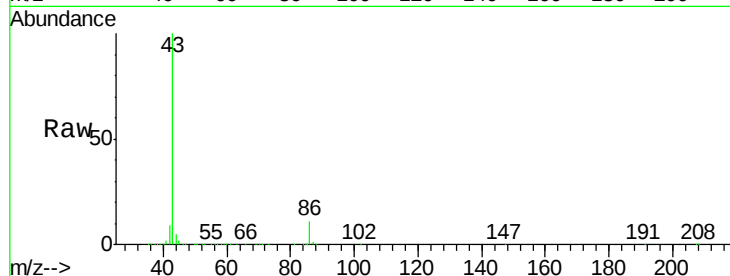
86 11.2 8.6 13.0

Manual Integrations

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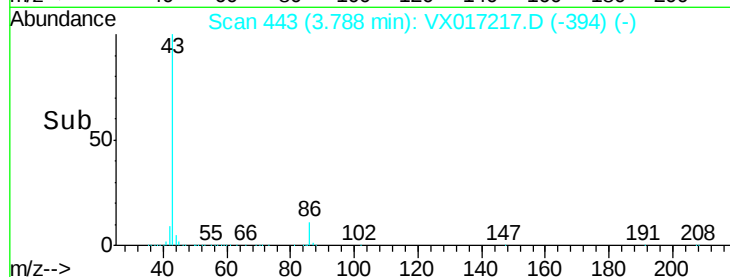
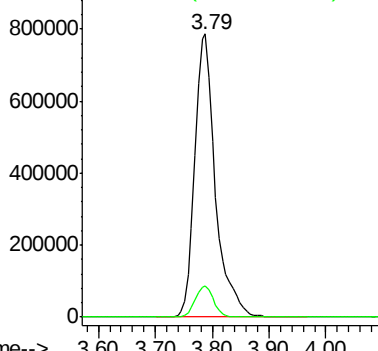
MMDadoda

7/8/2020 9:31:43 AM

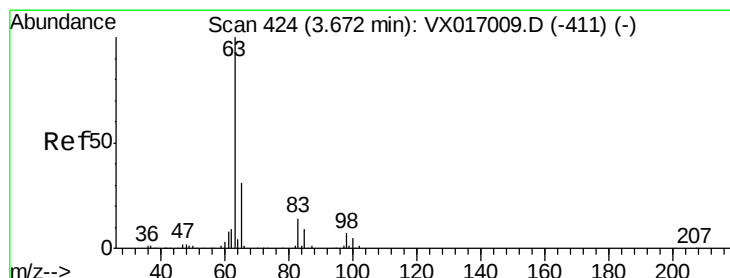


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.127 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

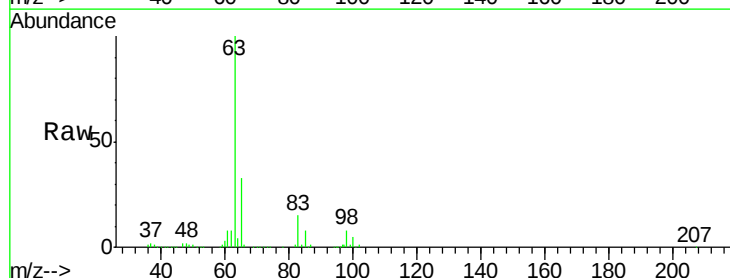
Tgt Ion: 63 Resp: 255148

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.8

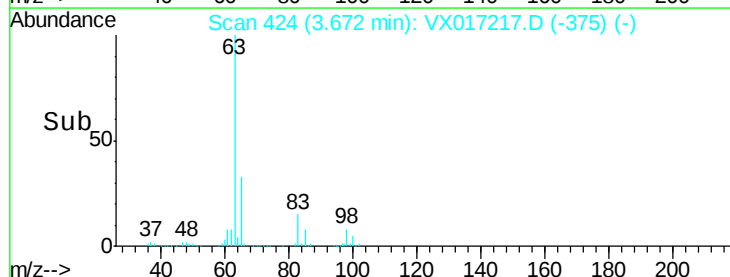
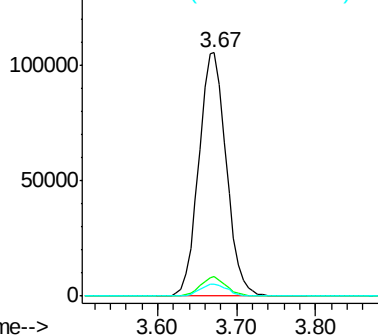
100 4.8 2.4 7.1



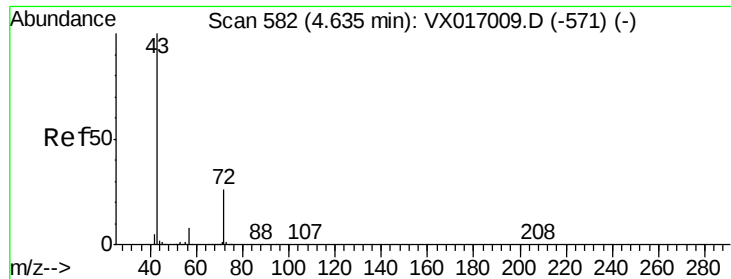
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 242.622 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 513329

Ion Ratio Lower Upper

43 100

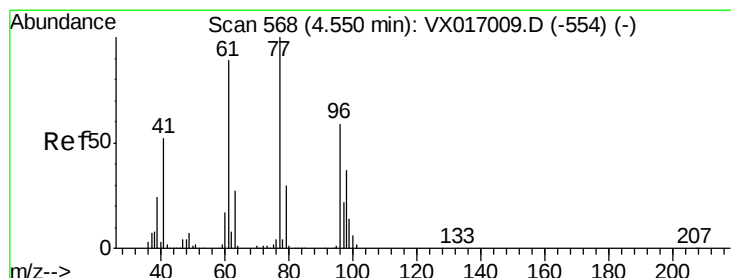
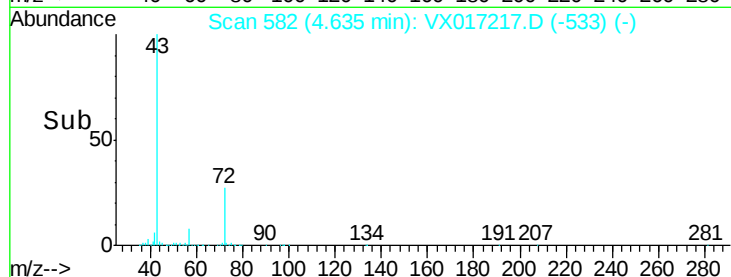
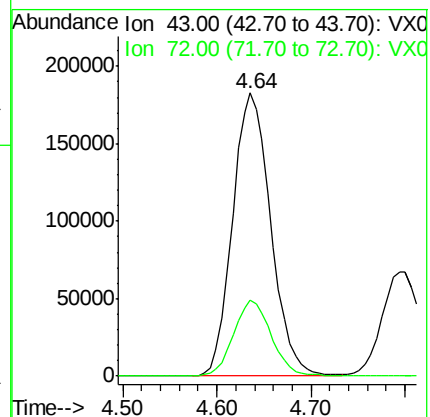
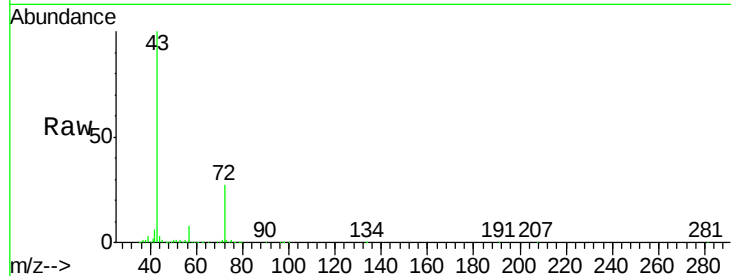
72 26.6 20.8 31.2

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#26

2,2-Dichloropropane

Concen: 40.074 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017217.D

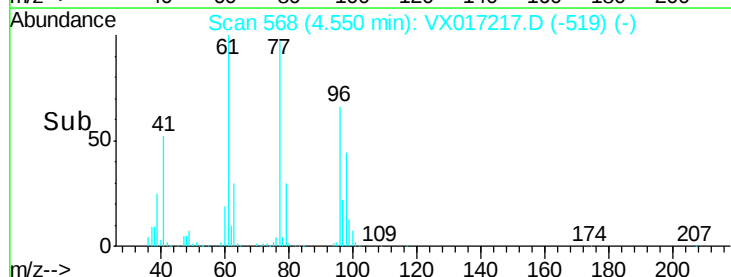
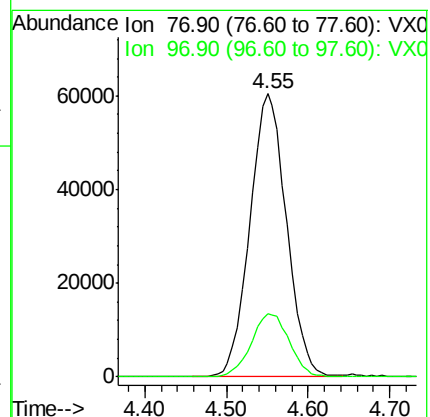
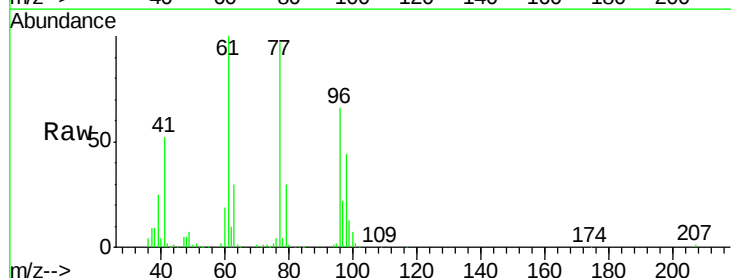
Acq: 07 Jul 2020 20:25

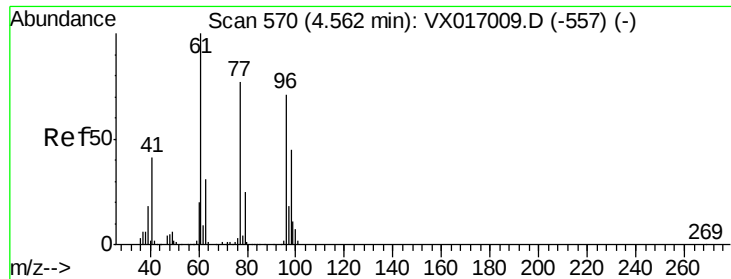
Tgt Ion: 77 Resp: 188642

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.2





#27

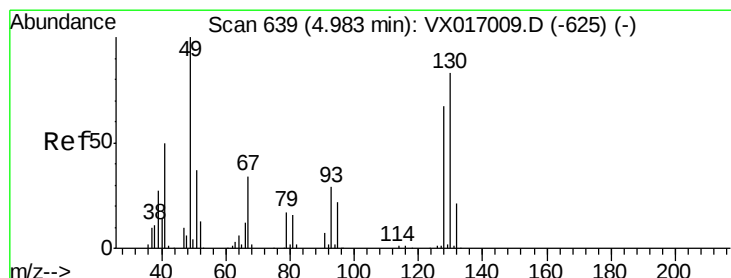
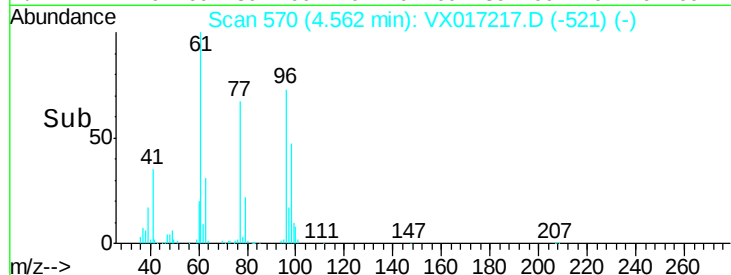
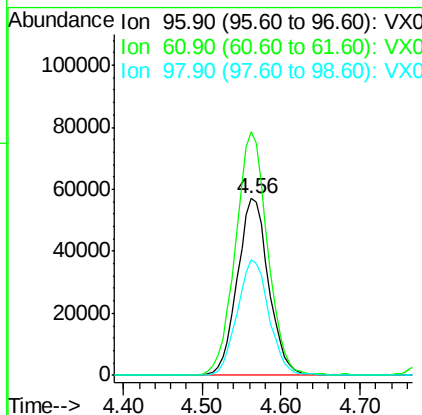
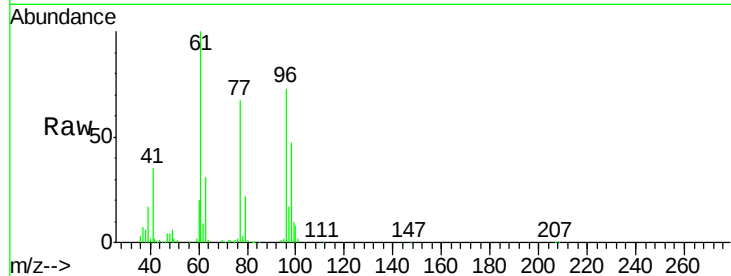
cis-1,2-Dichloroethene
Concen: 46.160 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	158105		
61	140.3	0.0	282.8	
98	65.8	0.0	127.6	

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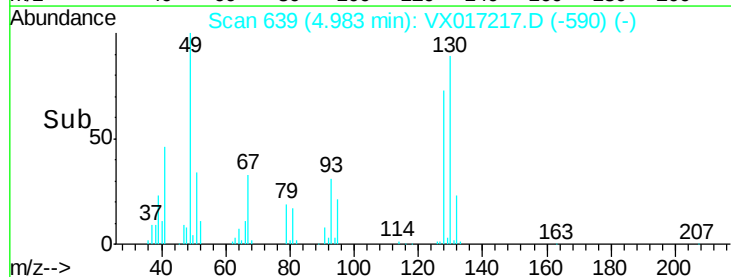
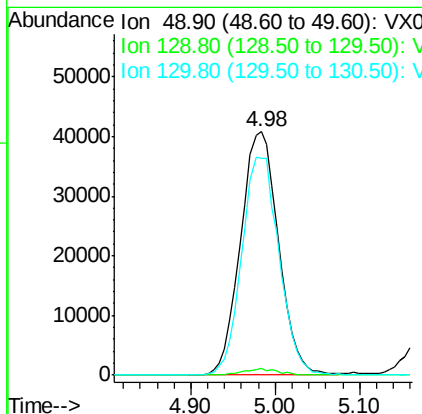
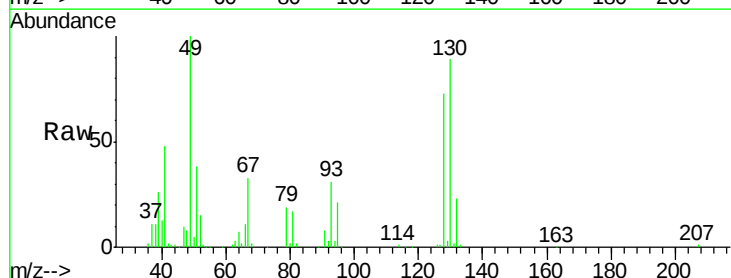
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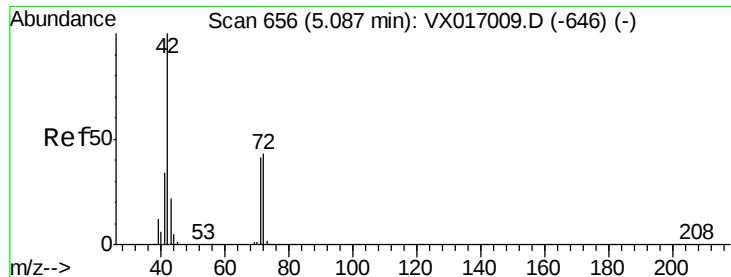


#28

Bromochloromethane
Concen: 48.475 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125058		
129	2.4	0.0	4.2	
130	88.3	66.6	100.0	





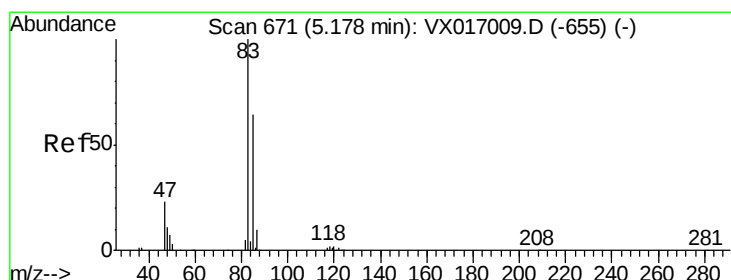
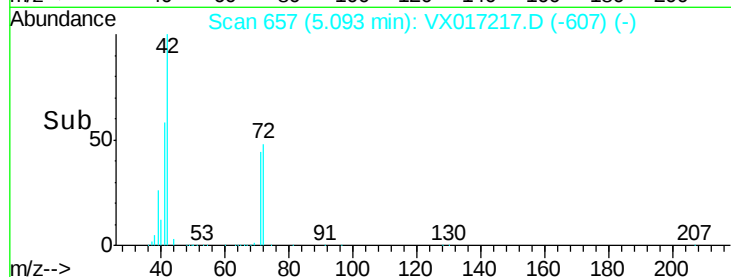
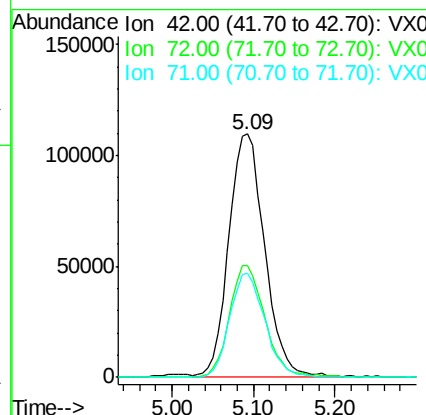
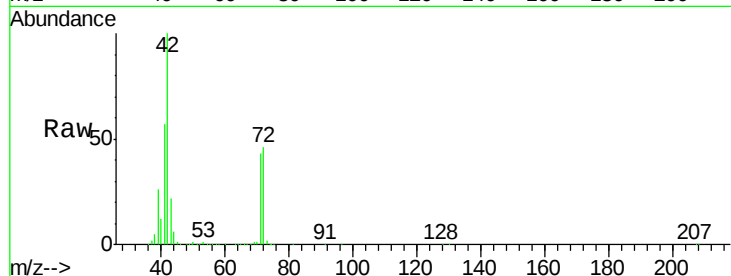
#29
Tetrahydrofuran
Concen: 237.188 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	35.3	52.9
71	42.3	33.1	49.7

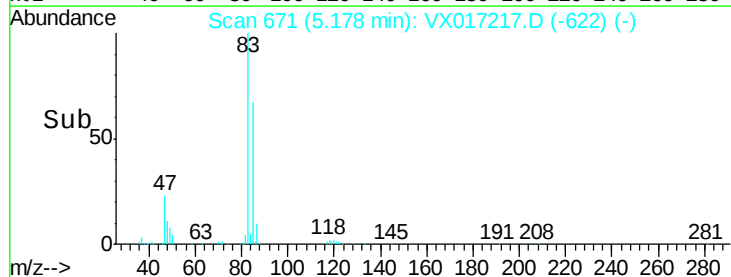
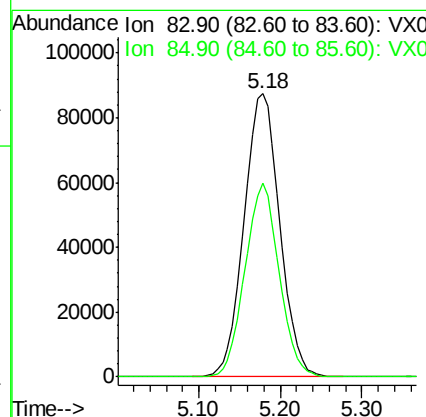
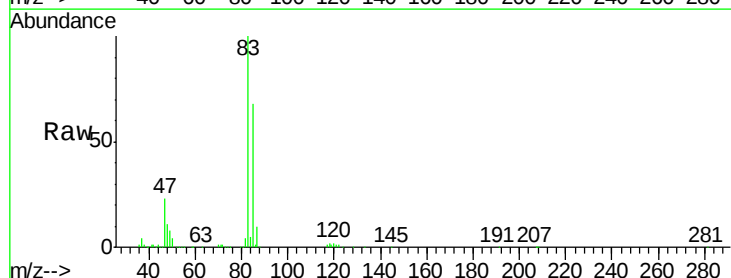
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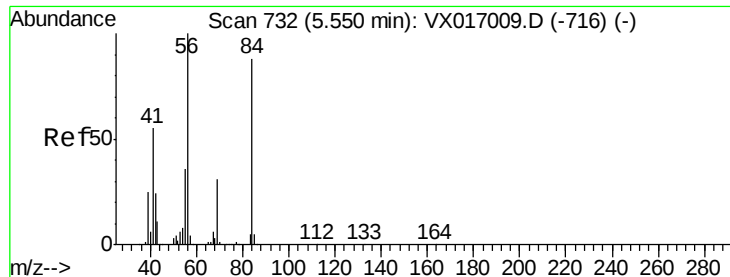
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#30
Chloroform
Concen: 48.991 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.3	51.4	77.2





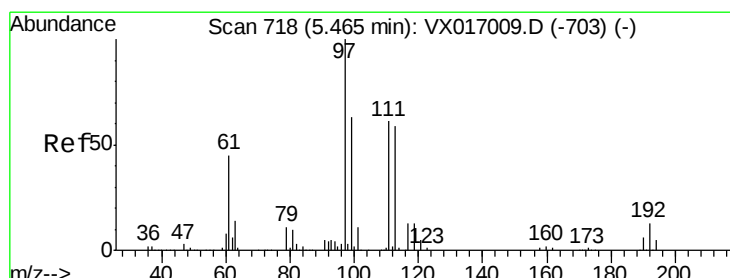
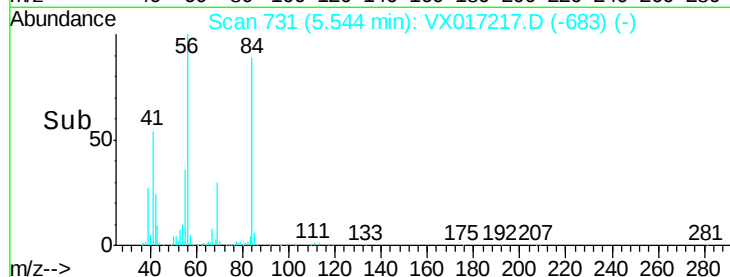
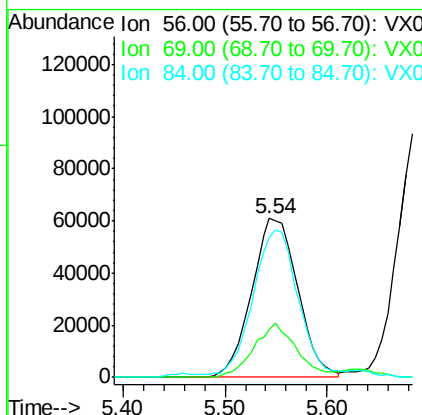
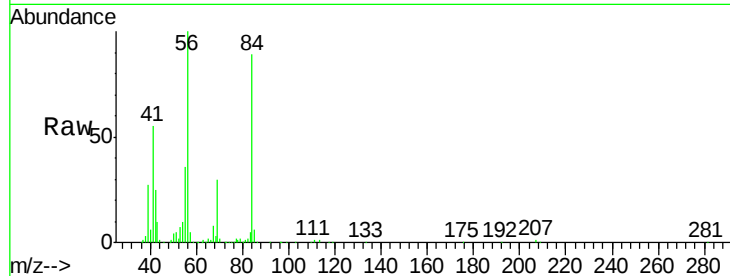
#31
Cyclohexane
Concen: 41.683 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.0	37.4
84	86.3	69.1	103.7

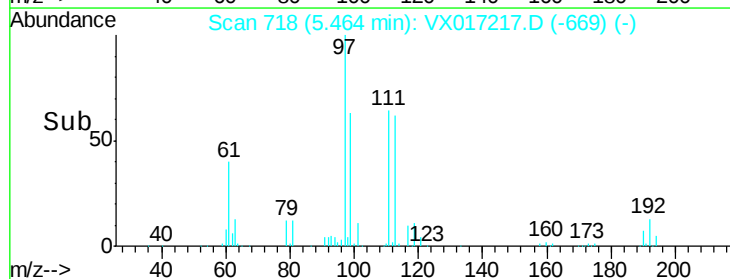
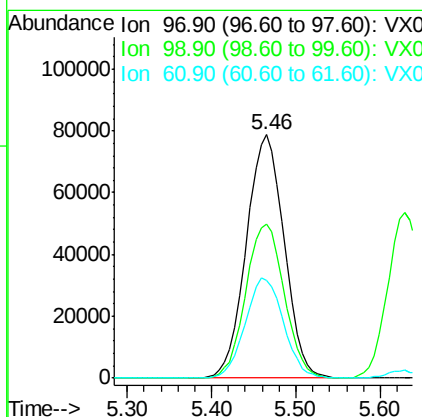
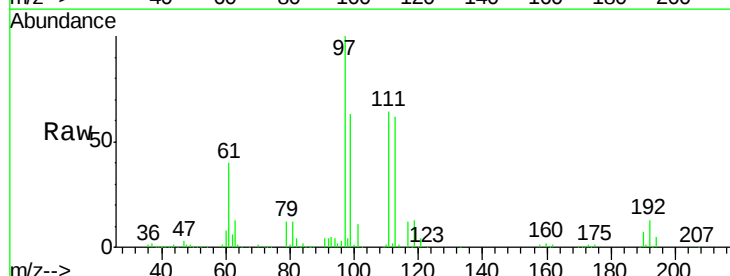
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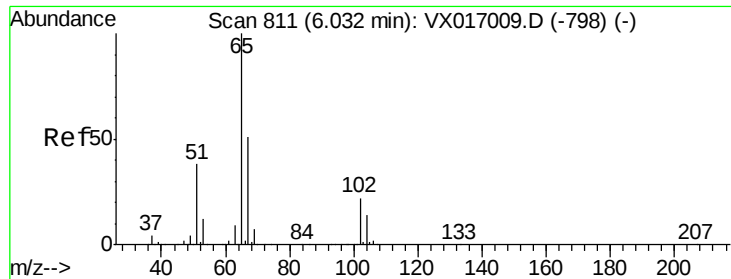
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#32
1,1,1-Trichloroethane
Concen: 48.121 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	41.8	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 49.583 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 168298

Ion Ratio Lower Upper

65 100

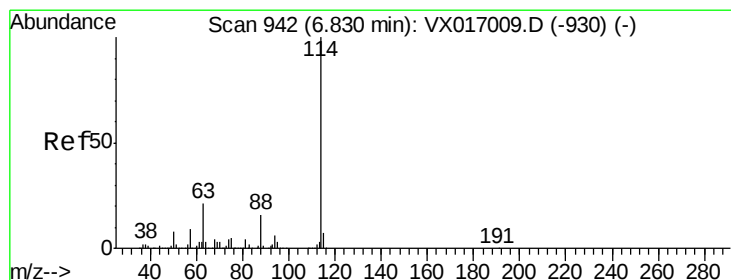
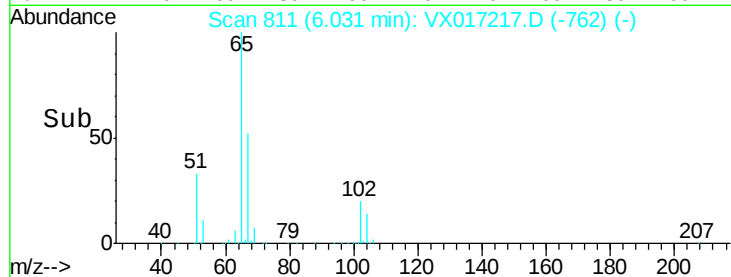
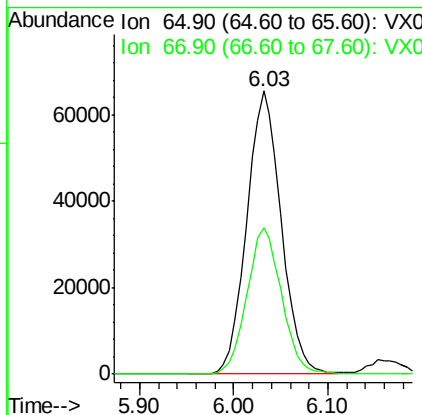
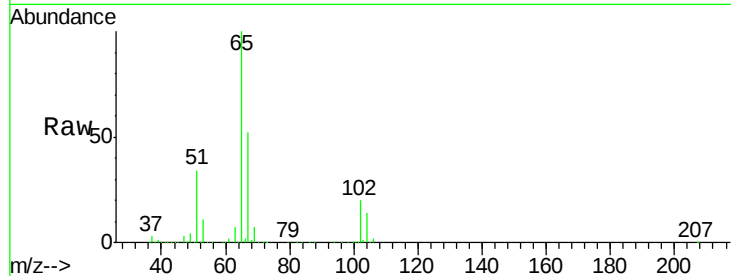
67 52.0 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

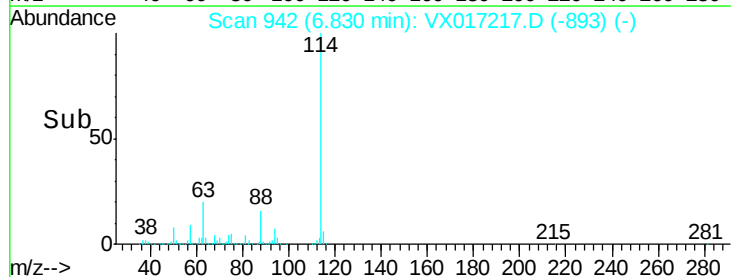
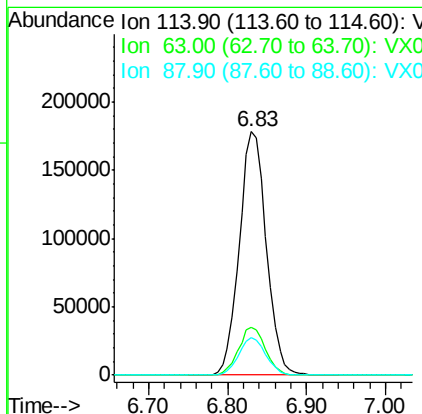
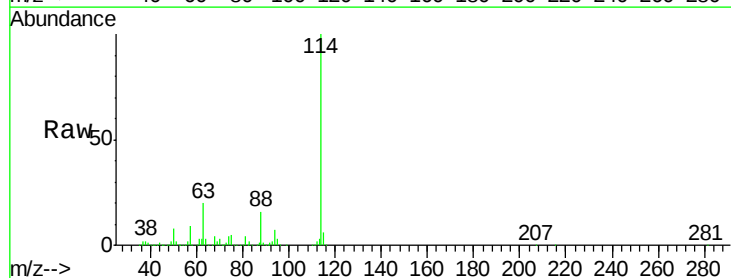
Tgt Ion: 114 Resp: 424978

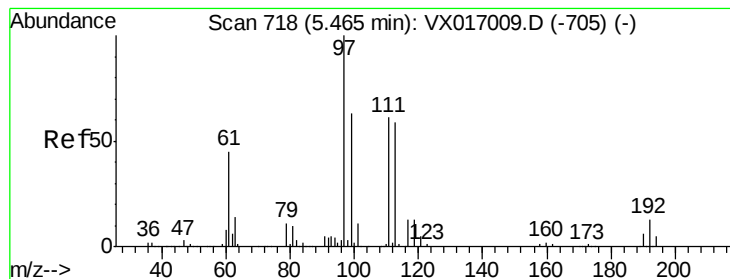
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.889 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

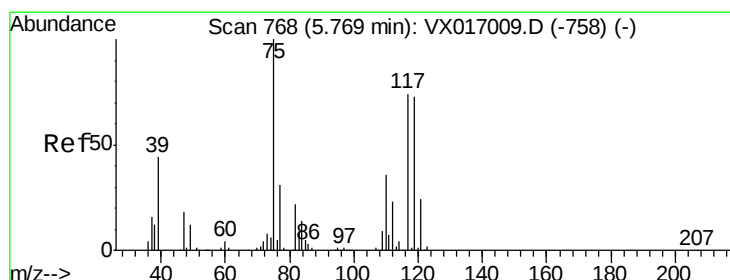
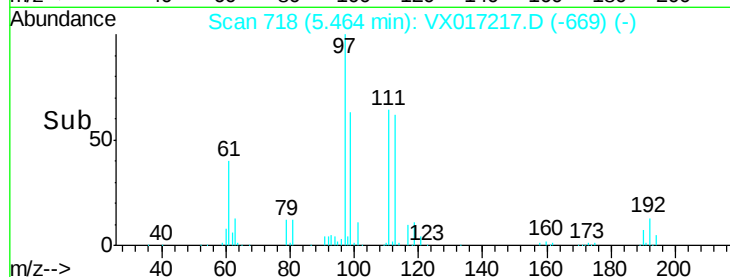
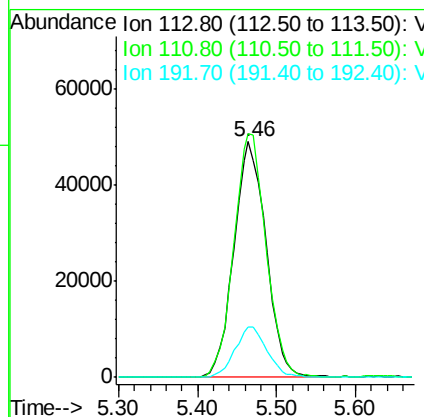
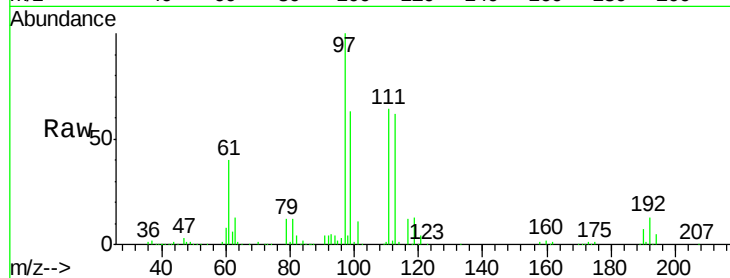
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	139491
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.9	122.9
192	21.2	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 45.868 ug/l

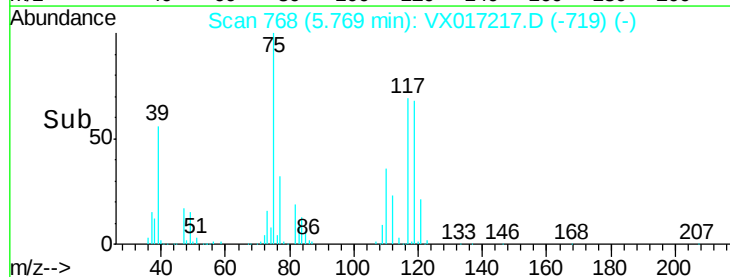
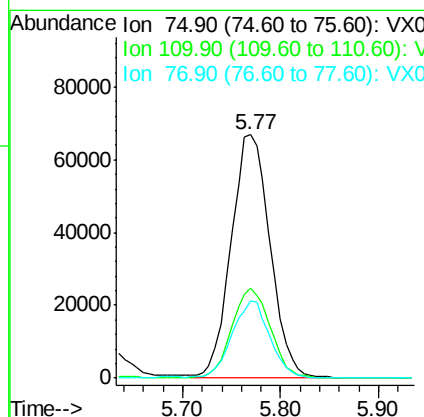
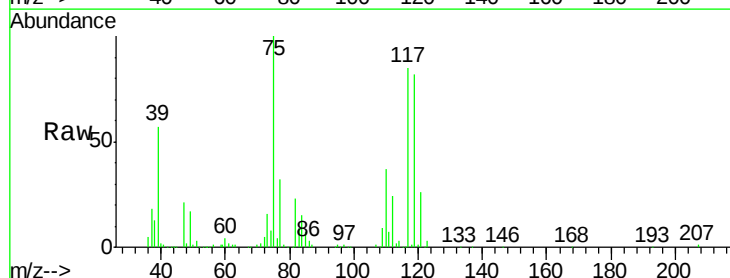
RT: 5.77 min Scan# 768

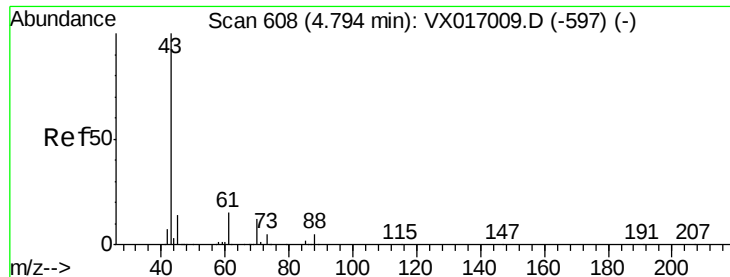
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	75	Resp:	184230
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	30.7	24.6	37.0





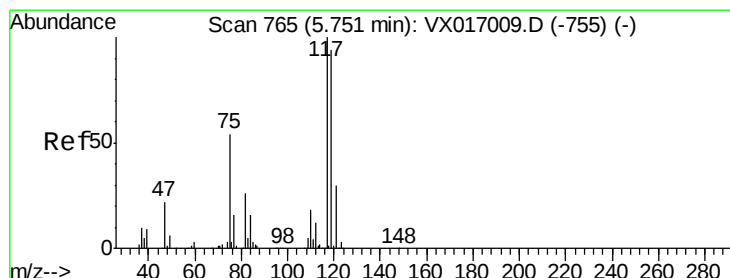
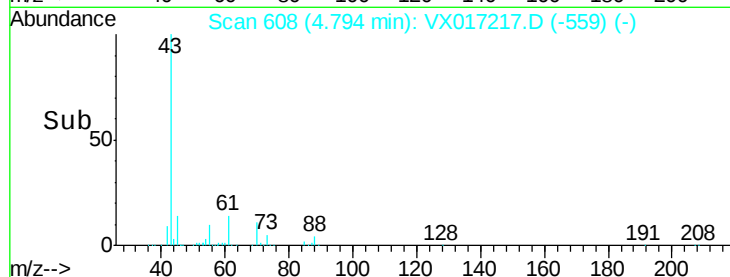
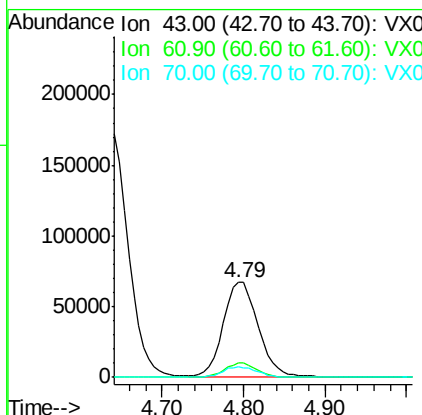
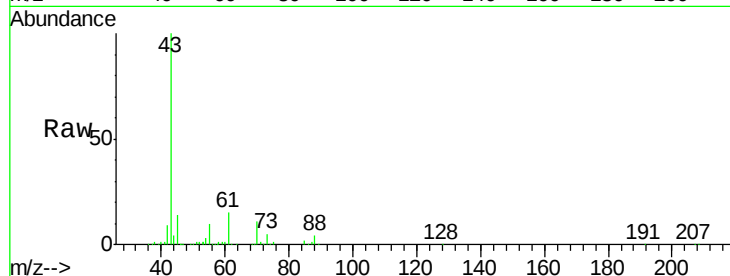
#37
Ethyl Acetate
Concen: 48.617 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	11.3	8.9	13.3

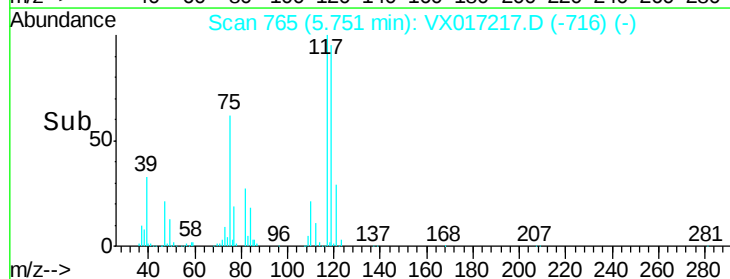
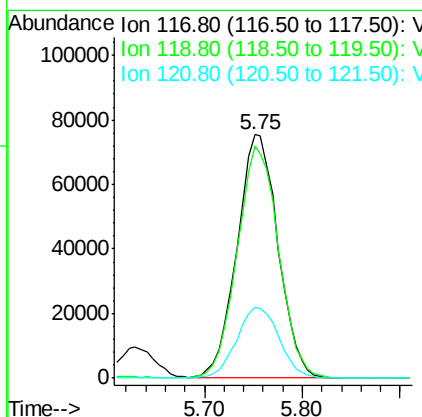
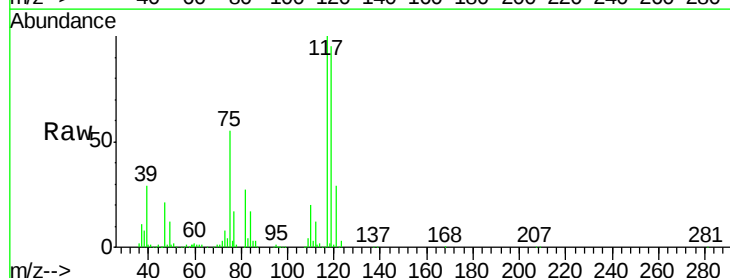
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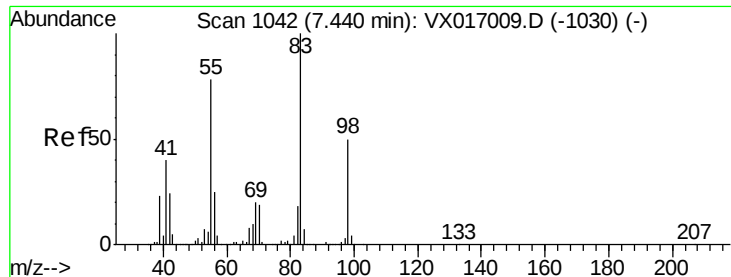
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#38
Carbon Tetrachloride
Concen: 49.543 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
121	29.4	23.8	35.6





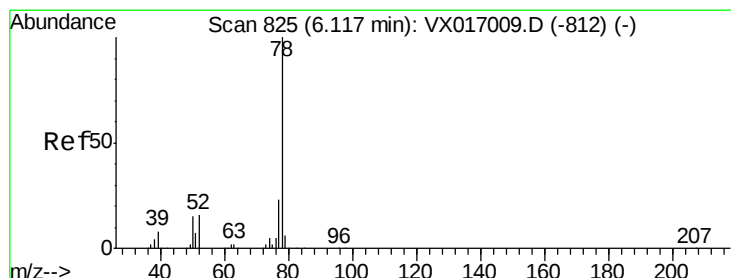
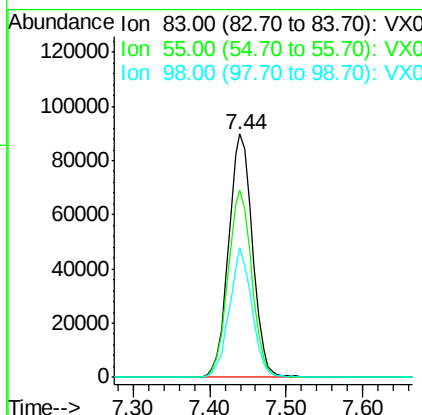
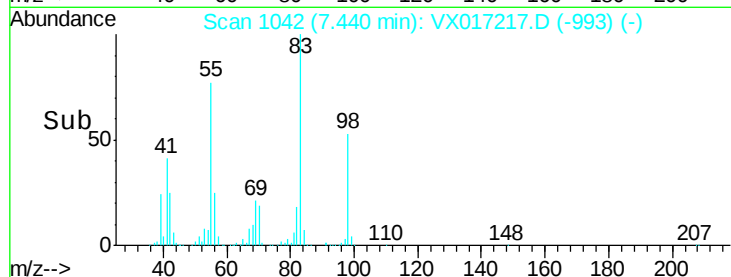
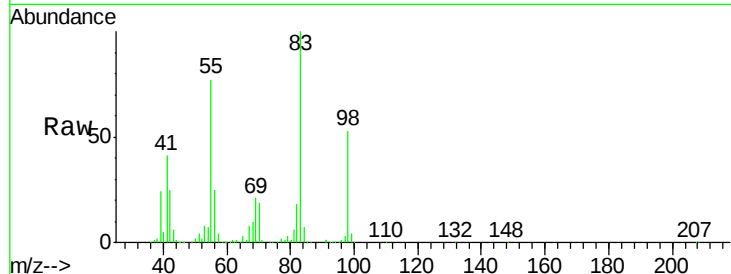
#39
Methvlcvclohexane
Concen: 43.294 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193480		
55	76.7	62.5	93.7	
98	53.4	40.1	60.1	

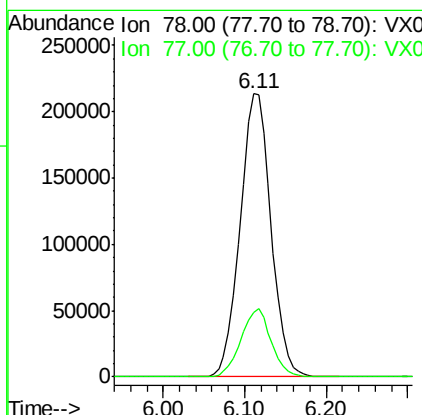
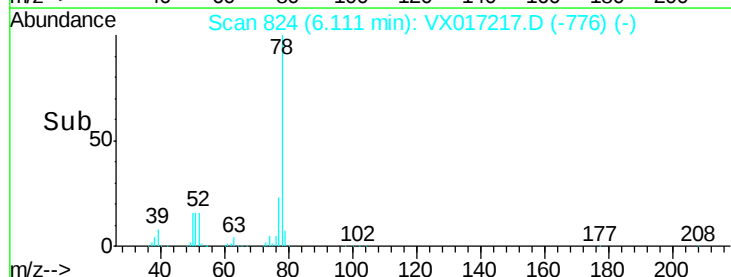
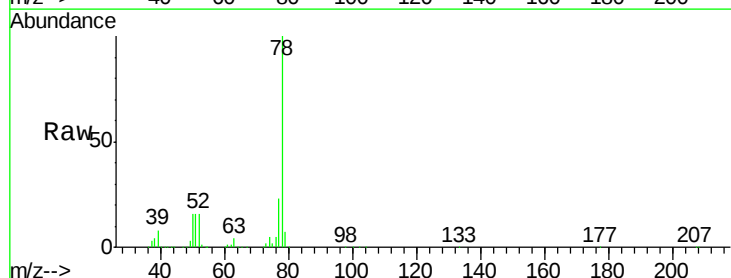
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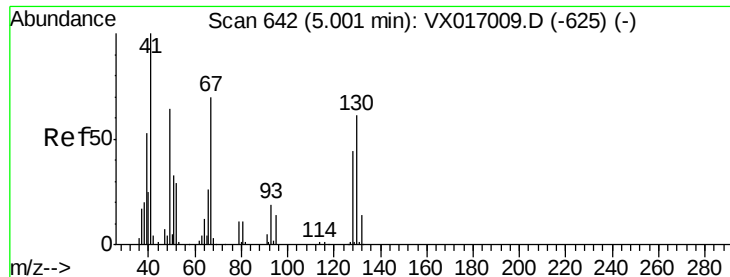
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#40
Benzene
Concen: 47.558 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	561248		
77	22.9	18.3	27.5	





#41

Methacrylonitrile

Concen: 47.860 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 109774

Ion Ratio Lower Upper

41 100

39 56.2 44.4 66.6

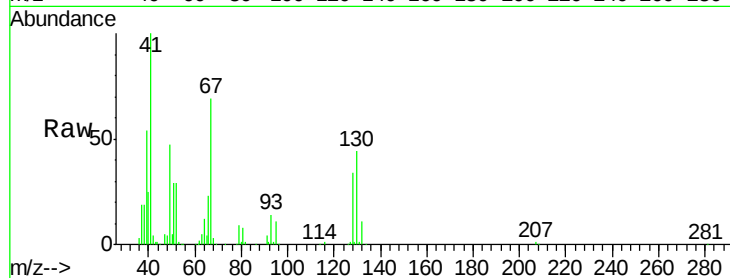
67 73.8 57.1 85.7

52 30.6 23.2 34.8

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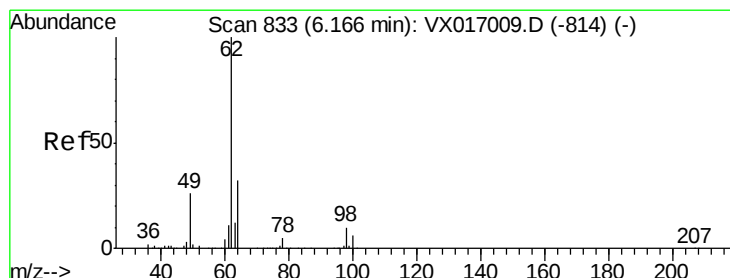
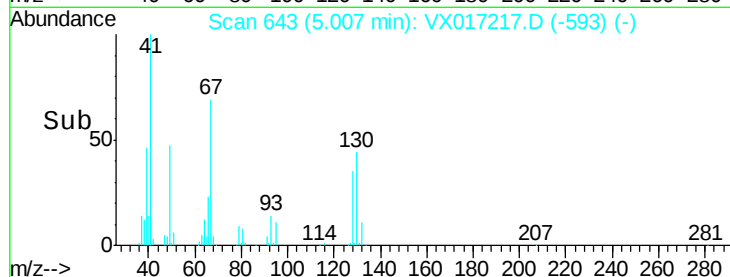
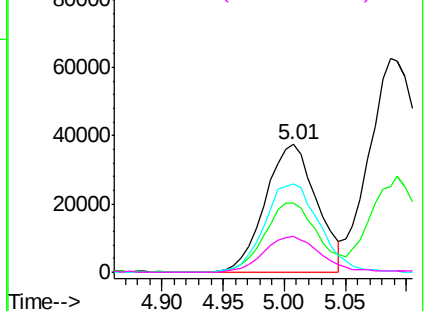


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.835 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017217.D

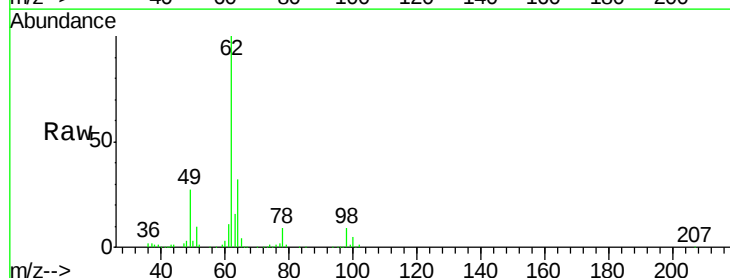
Acq: 07 Jul 2020 20:25

Tgt Ion: 62 Resp: 216696

Ion Ratio Lower Upper

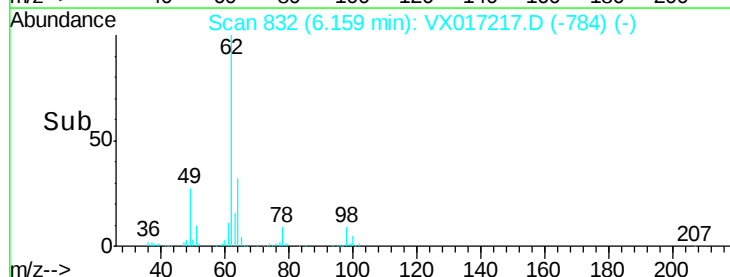
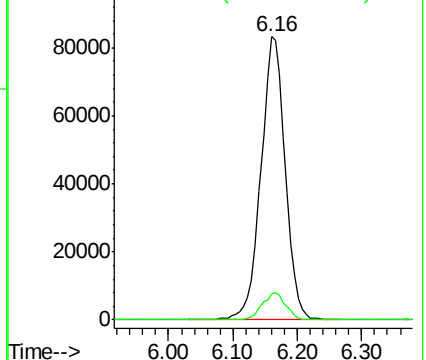
62 100

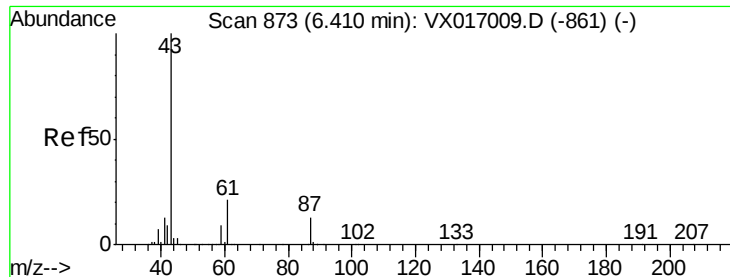
98 9.3 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.773 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

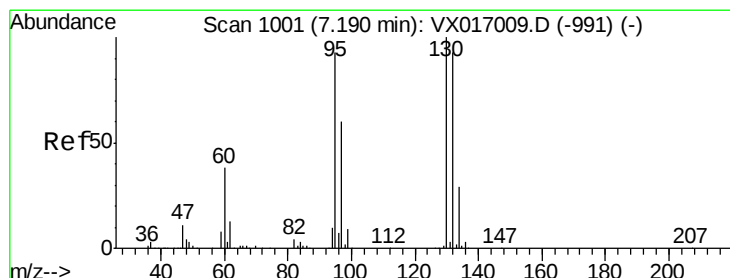
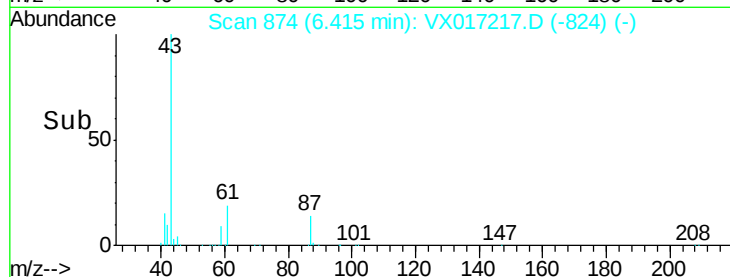
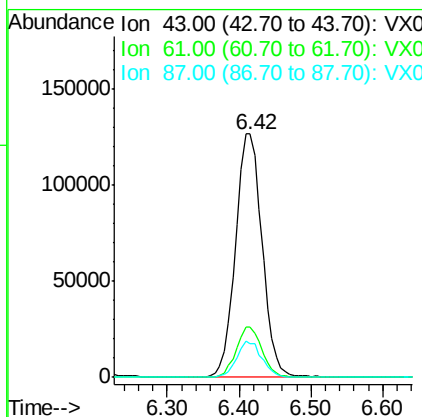
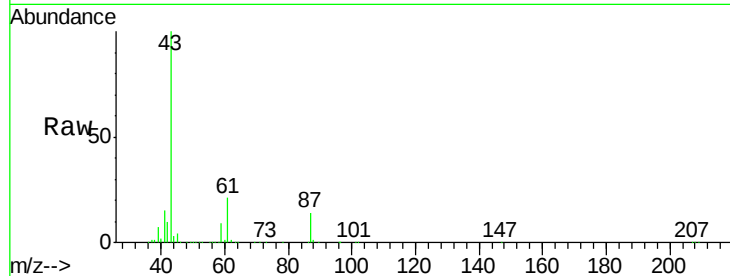
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	323511
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.2
87	14.0	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 50.984 ug/l

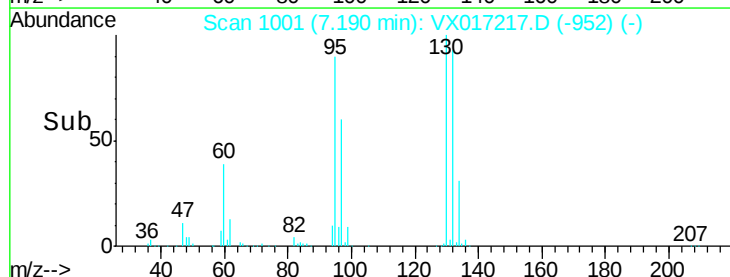
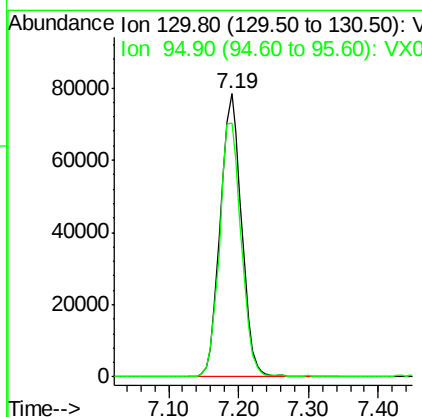
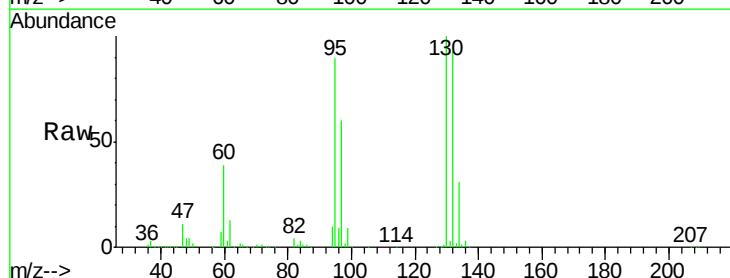
RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	130	Resp:	166012
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	185.0





#45

1,2-Dichloropropane

Concen: 48.304 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 146413

Ion Ratio Lower Upper

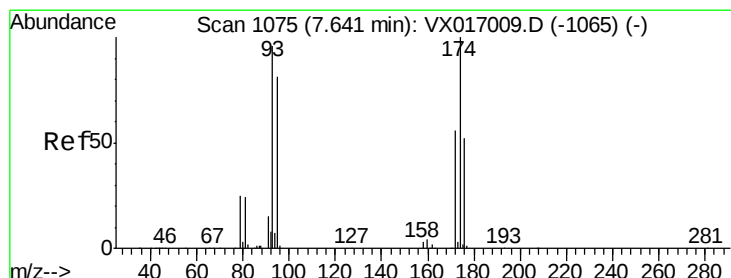
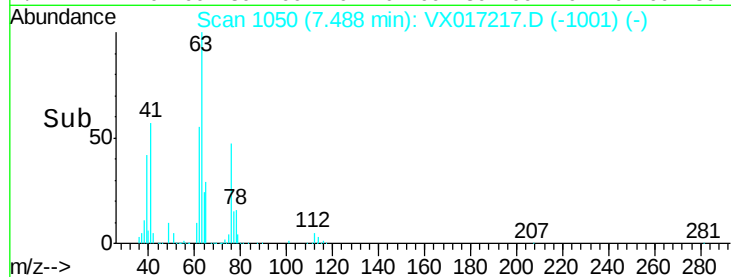
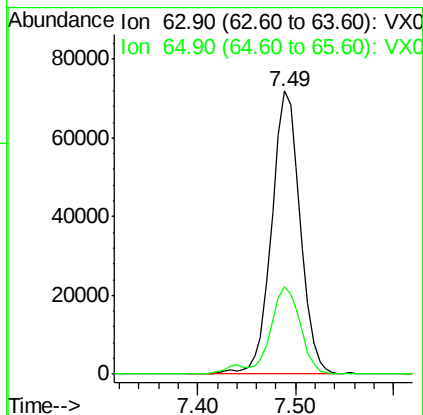
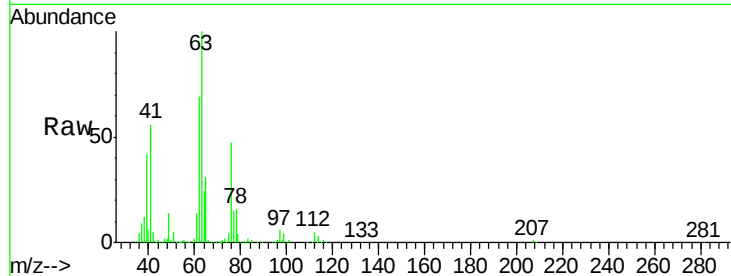
63 100

65 31.0 24.6 36.8

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#46

Dibromomethane

Concen: 50.685 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

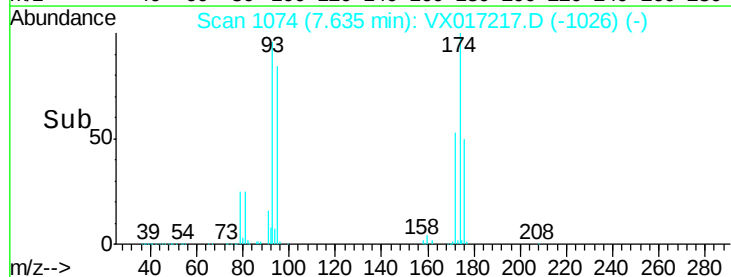
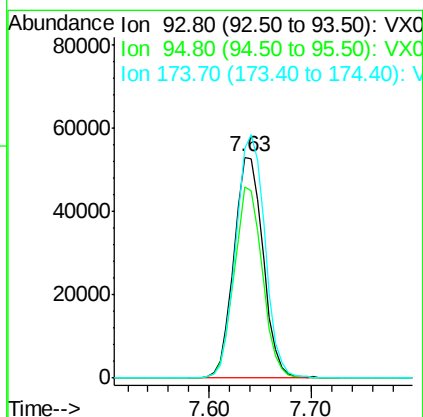
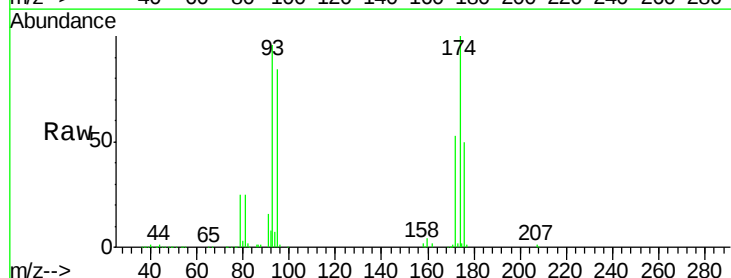
Tgt Ion: 93 Resp: 104886

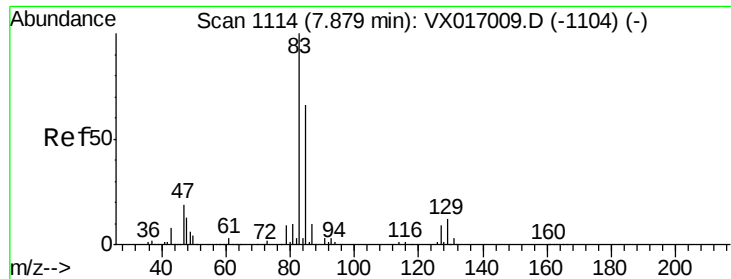
Ion Ratio Lower Upper

93 100

95 83.7 67.4 101.0

174 109.6 84.3 126.5





#47

Bromodichloromethane

Concen: 51.571 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

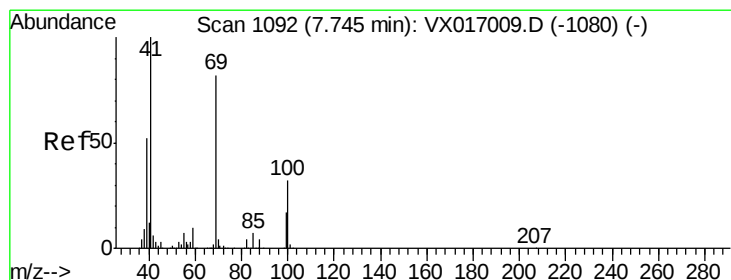
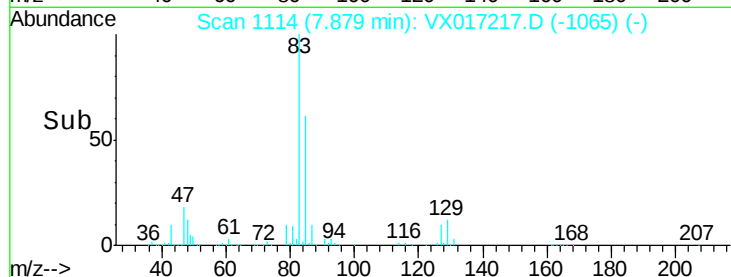
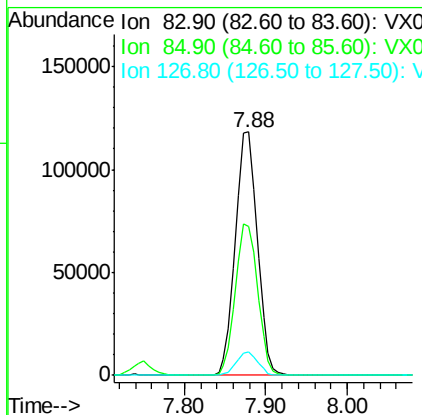
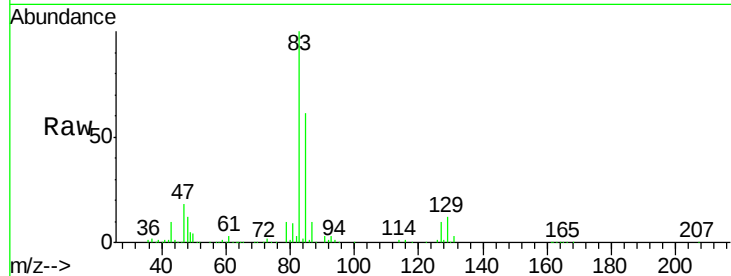
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	219930
Ion	Ratio	Lower	Upper
83	100		
85	61.1	53.0	79.4
127	9.6	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.534 ug/l

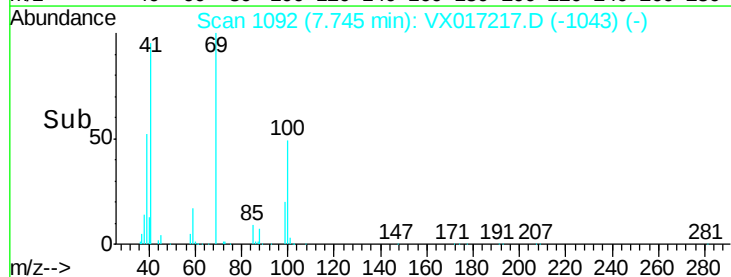
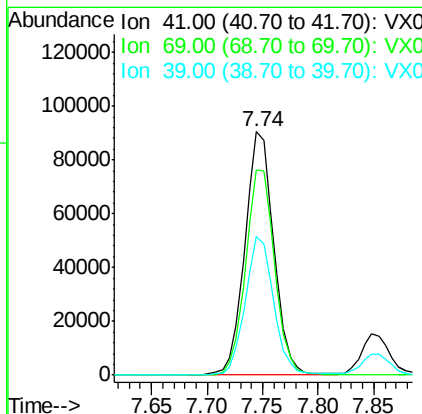
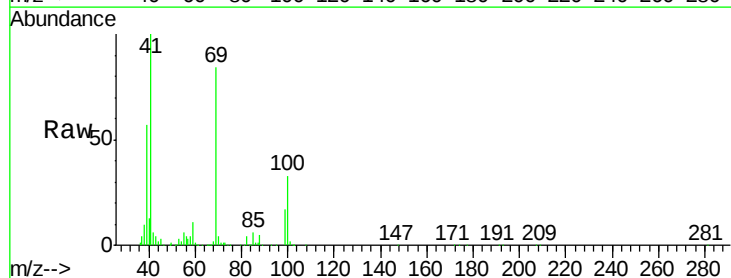
RT: 7.74 min Scan# 1092

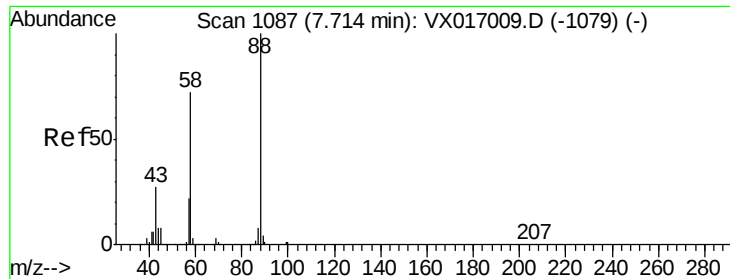
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	41	Resp:	162581
Ion	Ratio	Lower	Upper
41	100		
69	85.0	65.8	98.8
39	56.0	42.5	63.7





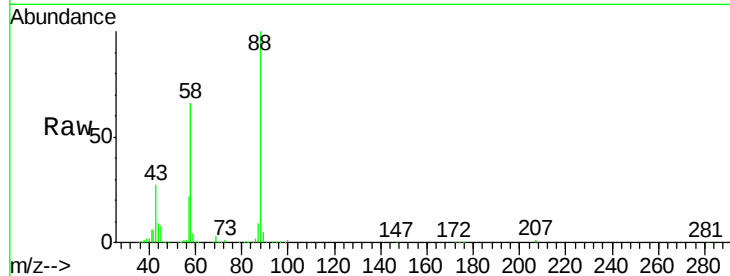
#49
1,4-Dioxane
Concen: 987.631 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.8	38.8
58	69.4	54.8	82.2

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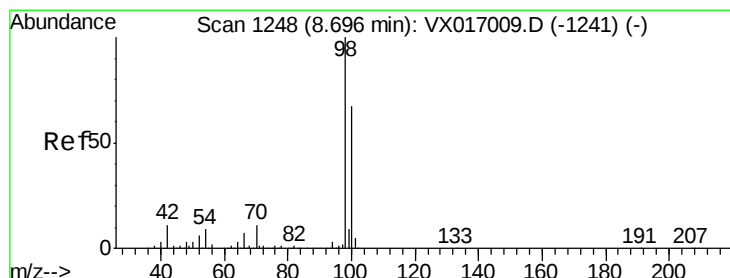
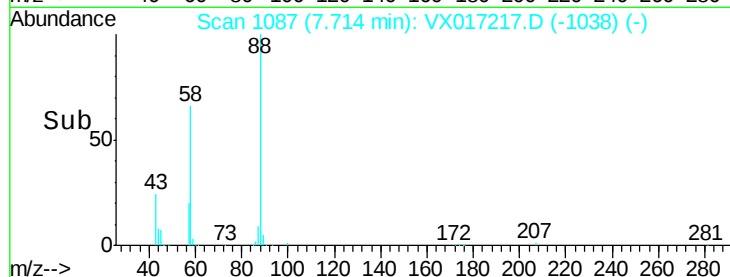
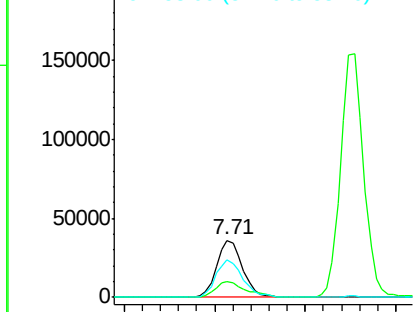


Abundance

Ion 88.00 (87.70 to 88.70): VX0

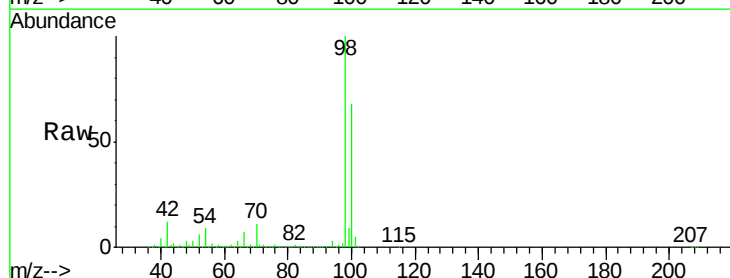
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

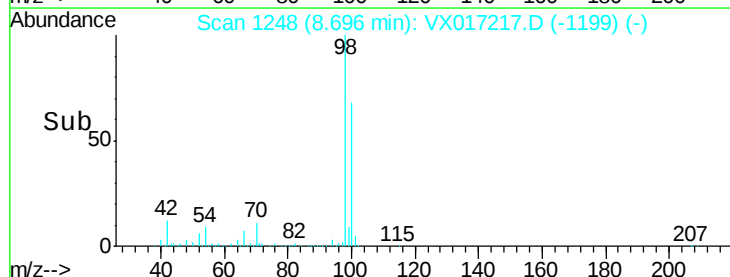
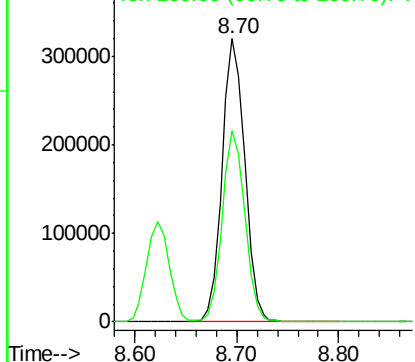
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6

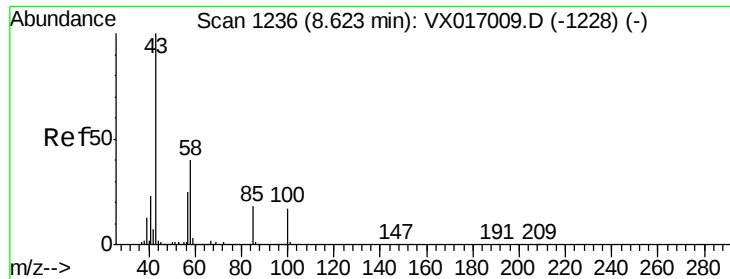


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 254.478 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1027251

Ion Ratio Lower Upper

43 100

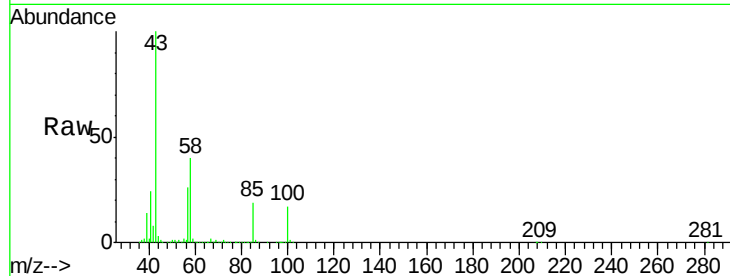
58 39.8 31.9 47.9

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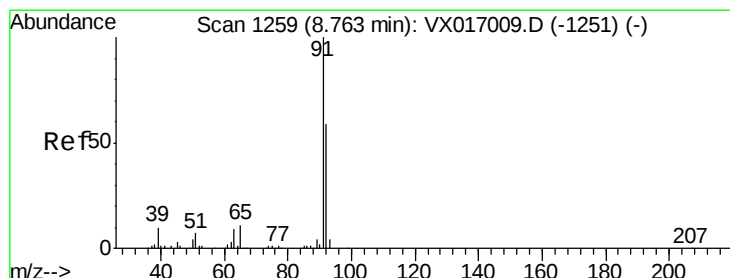
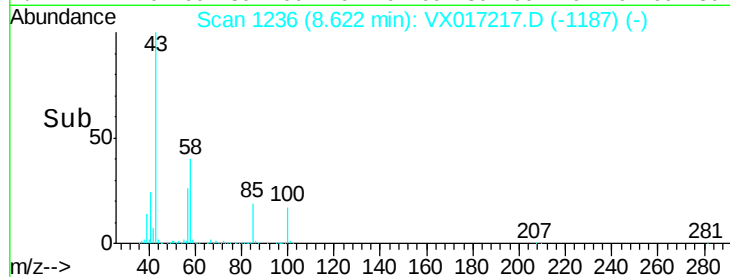
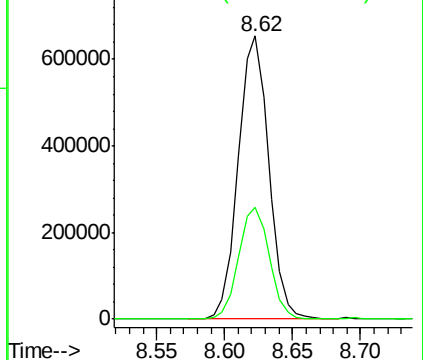
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.477 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017217.D

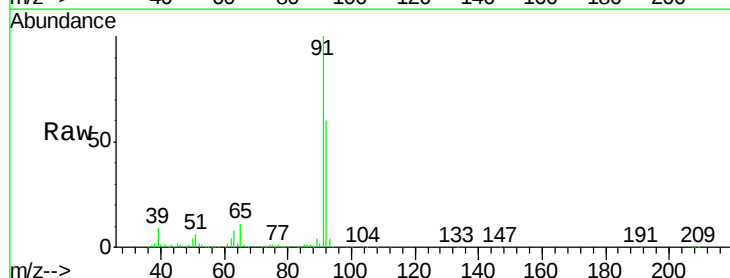
Acq: 07 Jul 2020 20:25

Tgt Ion: 92 Resp: 364553

Ion Ratio Lower Upper

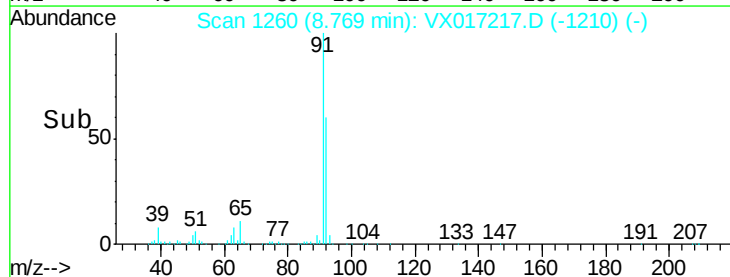
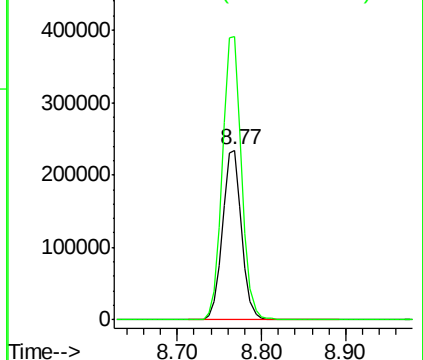
92 100

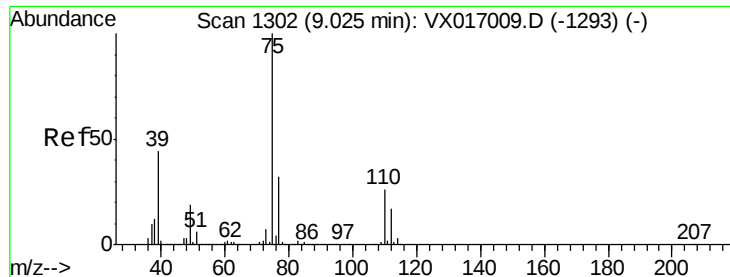
91 168.8 136.9 205.3



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: 48.416 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 227811

Ion Ratio Lower Upper

75 100

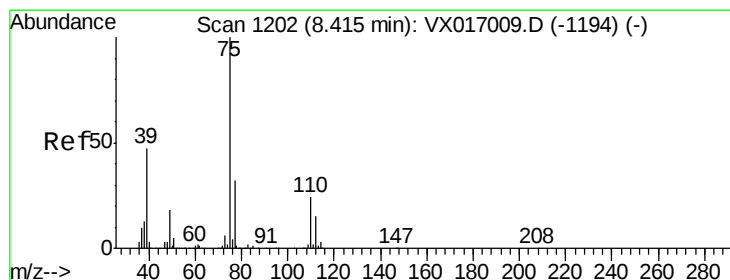
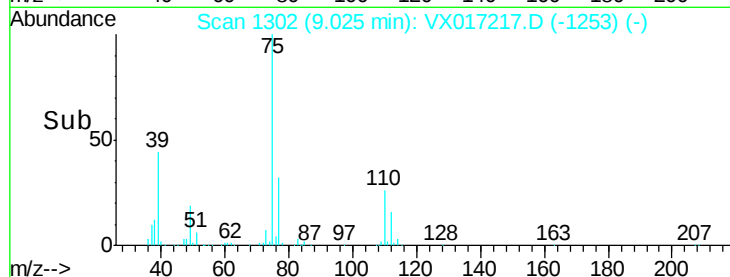
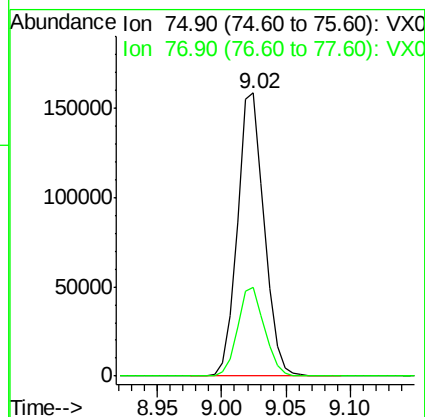
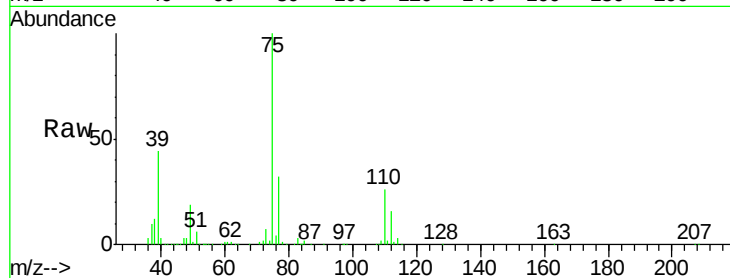
77 31.6 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 48.129 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

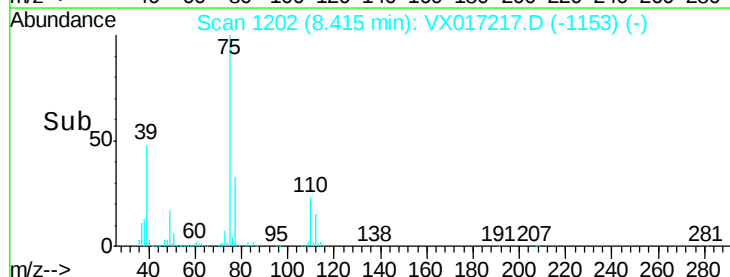
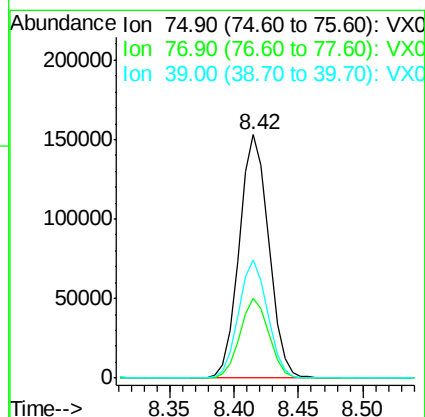
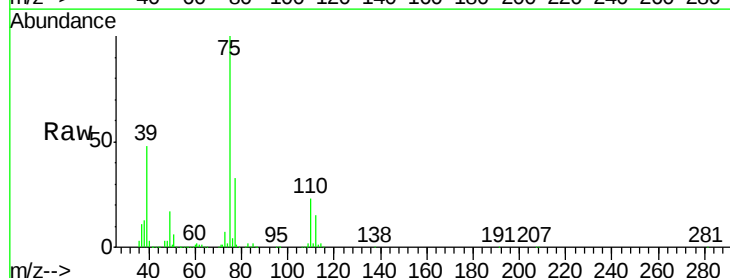
Tgt Ion: 75 Resp: 242766

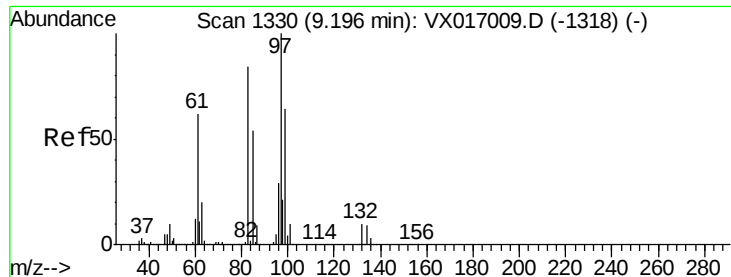
Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

39 48.3 37.4 56.2





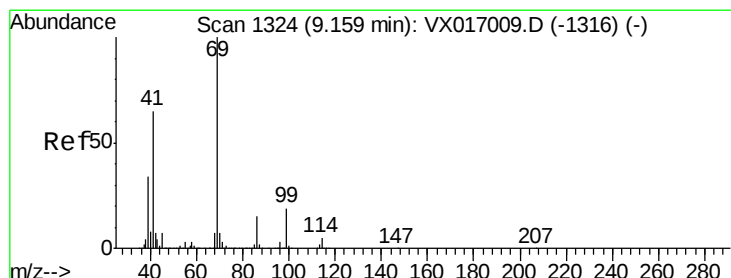
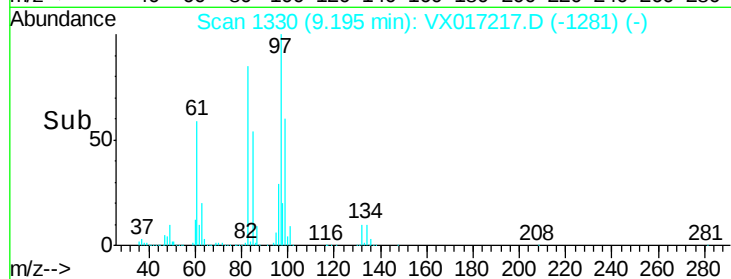
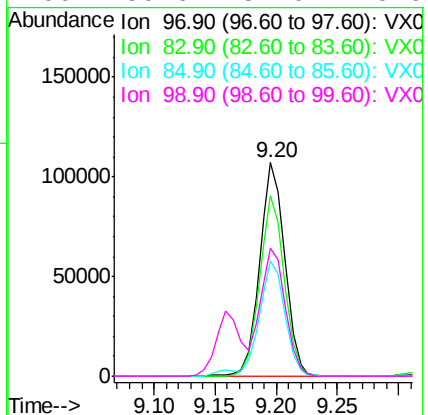
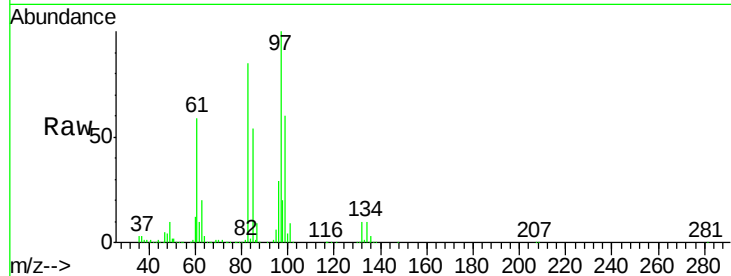
#55
 1,1,2-Trichloroethane
 Concen: 51.358 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017217.D
 Acq: 07 Jul 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	154607
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.0	100.6
85	53.9	43.5	65.3
99	59.6	51.0	76.6

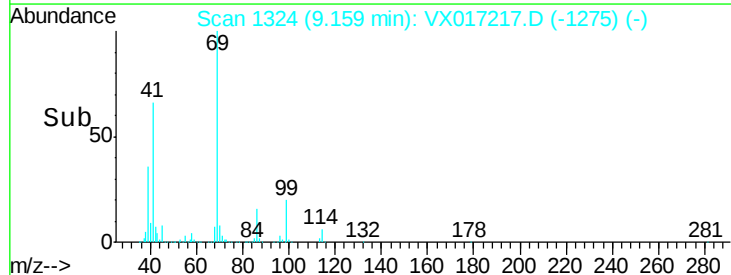
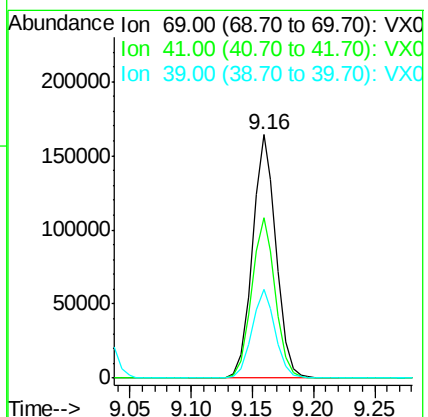
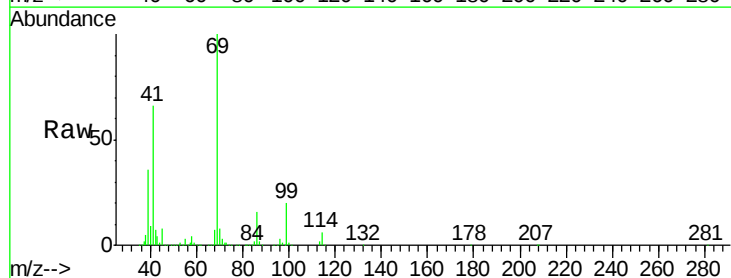
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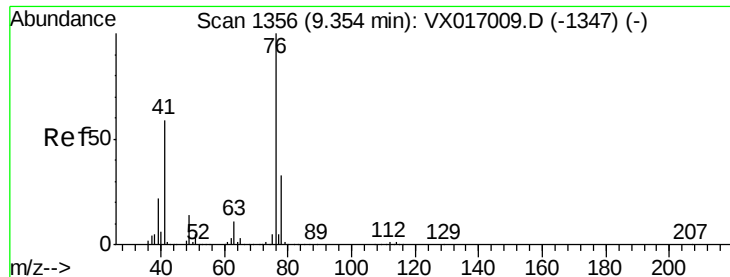
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#56
 Ethyl methacrylate
 Concen: 51.392 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017217.D
 Acq: 07 Jul 2020 20:25

Tgt Ion:	69	Resp:	220202
Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.6	80.4
39	36.1	28.2	42.2





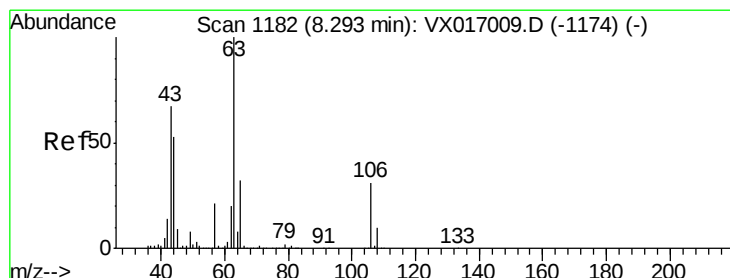
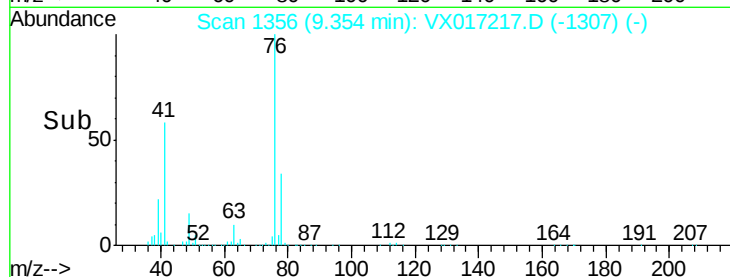
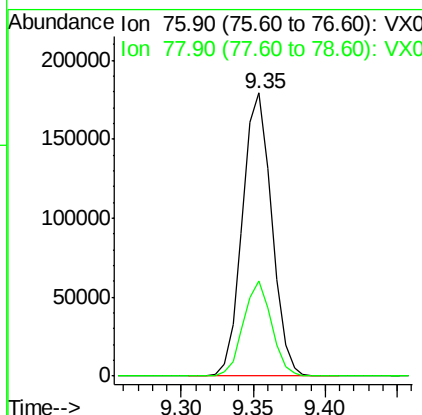
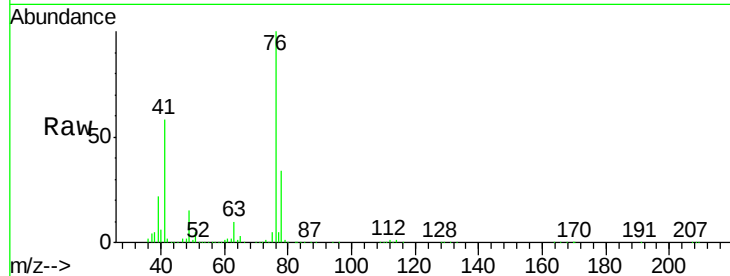
#57
 1,3-Dichloropropane
 Concen: 49.796 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017217.D
 Acq: 07 Jul 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

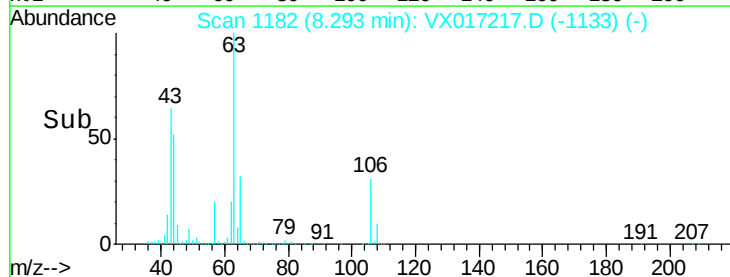
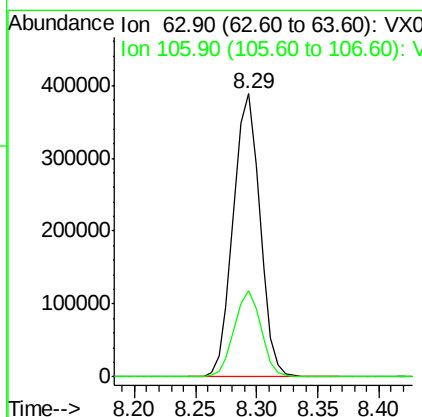
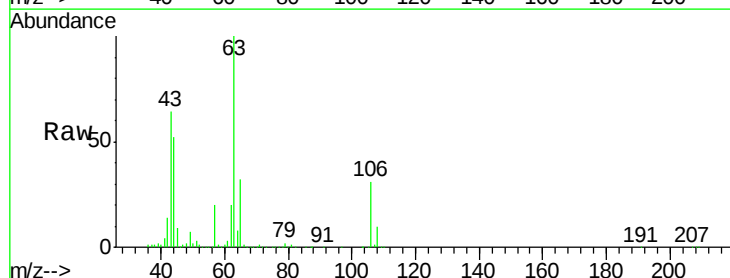
Manual Integrations
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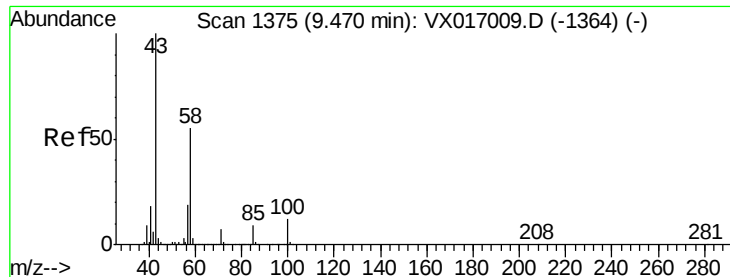
MMDadoda
 7/8/2020 9:31:43 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.535 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017217.D
 Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	24.0	36.0





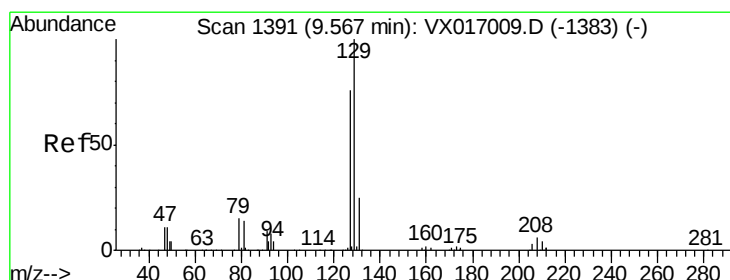
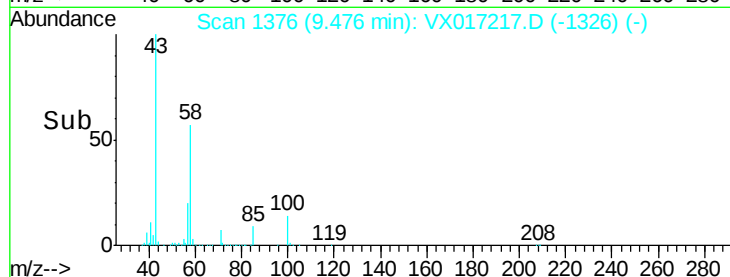
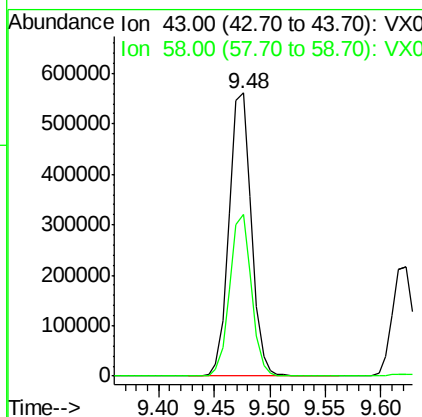
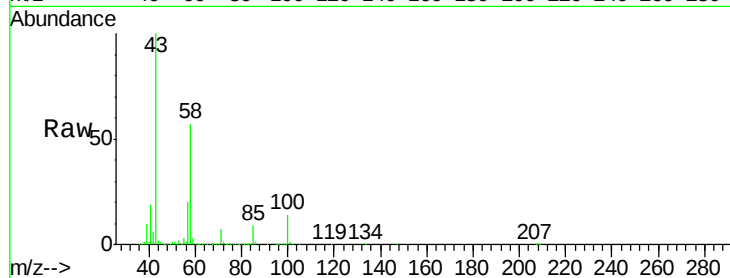
#59
2-Hexanone
Concen: 263.465 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.8	27.9	83.6

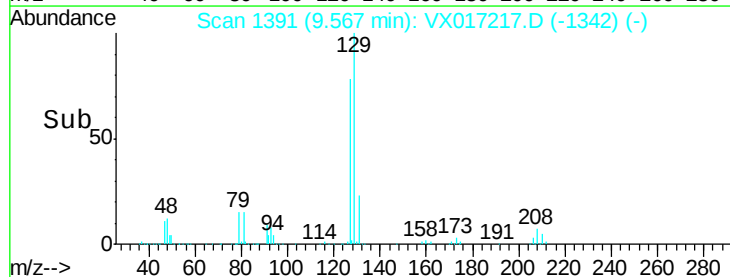
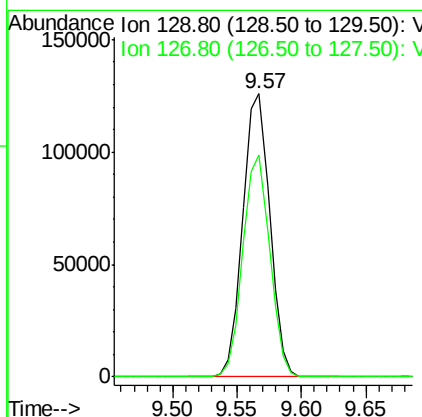
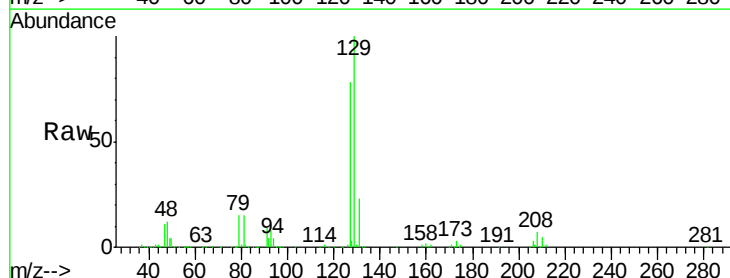
Manual Integrations
APPROVED

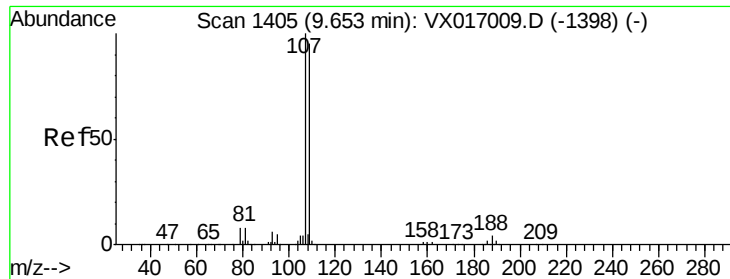
MMDadoda
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#60
Dibromochloromethane
Concen: 52.307 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.9	116.7





#61

1,2-Dibromoethane

Concen: 50.390 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 163054

Ion Ratio Lower Upper

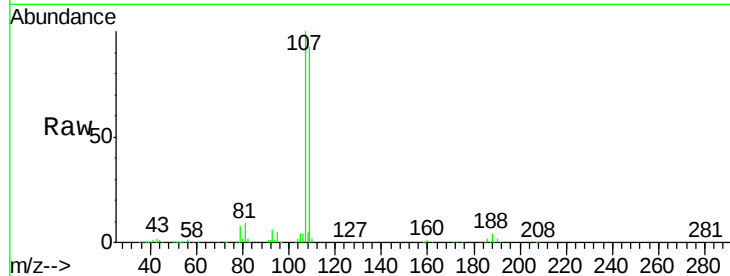
107 100

109 94.1 75.8 113.8

Manual Integrations
APPROVED

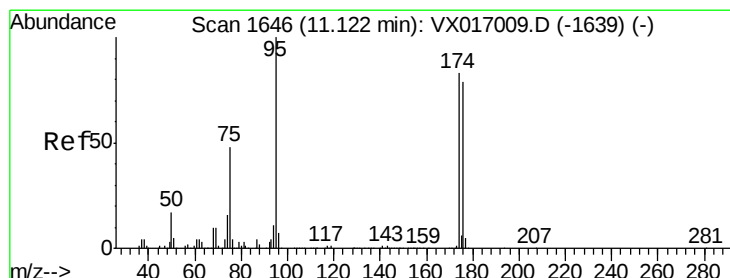
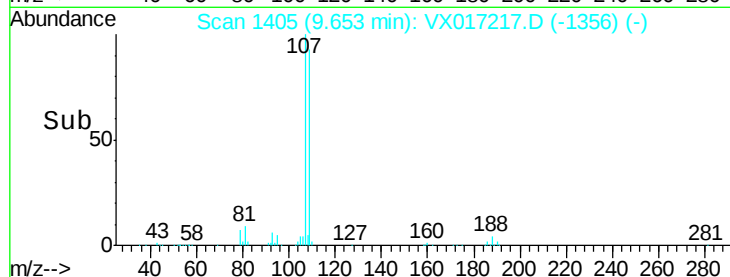
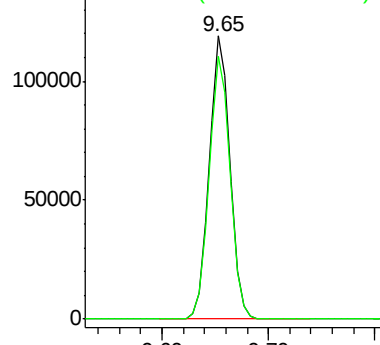
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.053 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

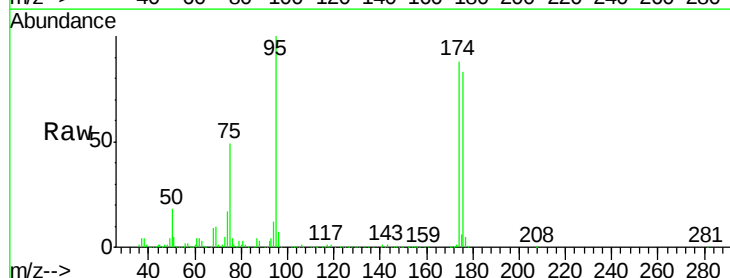
Tgt Ion: 95 Resp: 202275

Ion Ratio Lower Upper

95 100

174 86.6 0.0 164.0

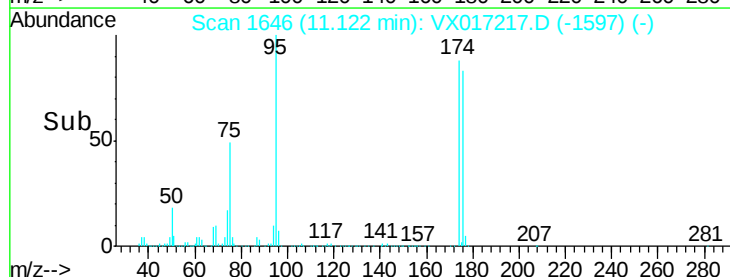
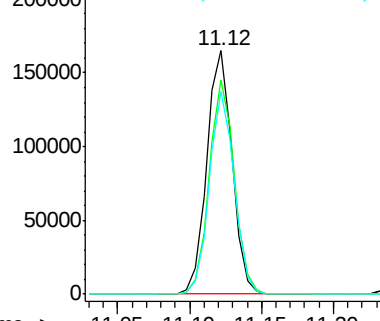
176 81.4 0.0 157.6

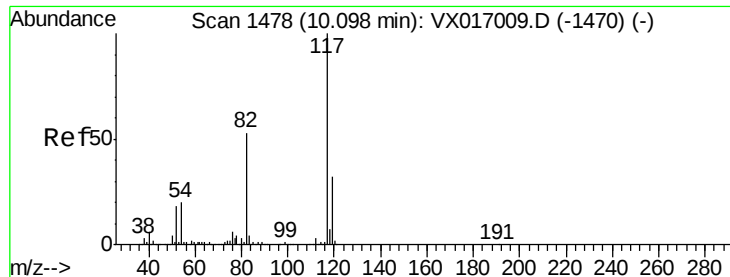


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





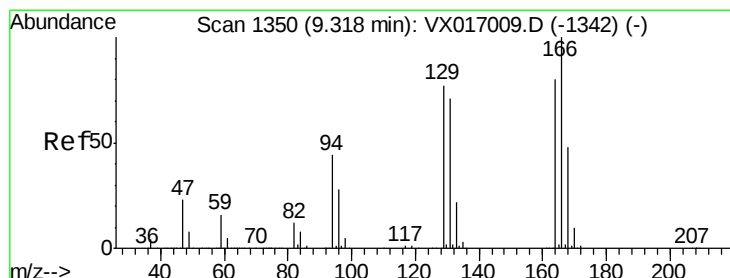
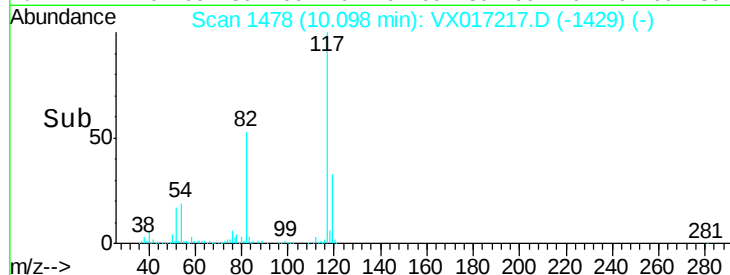
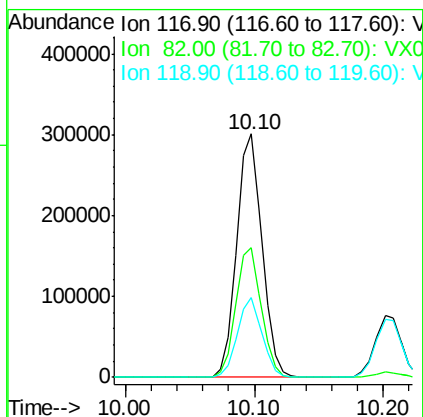
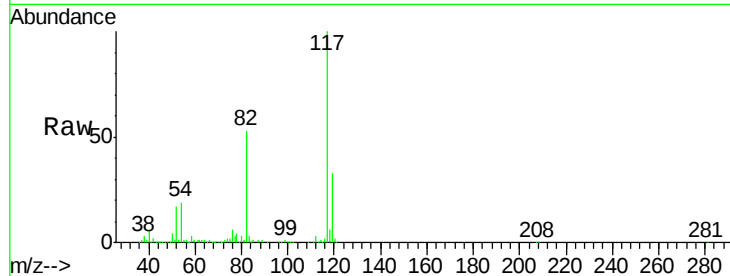
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.6	63.8
119	32.6	25.4	38.2

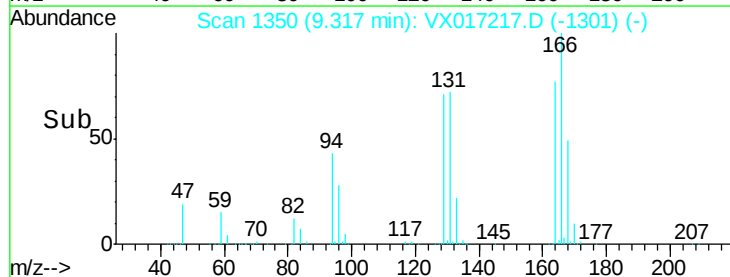
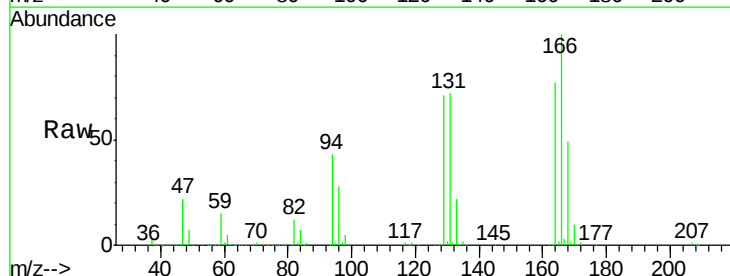
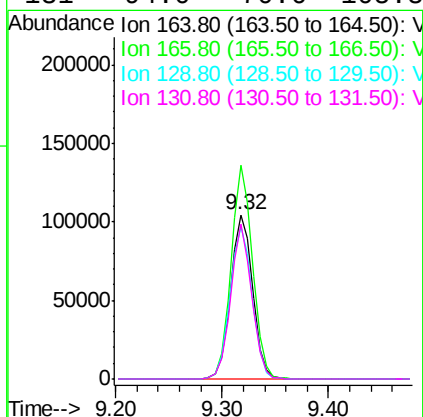
Manual Integrations
APPROVED

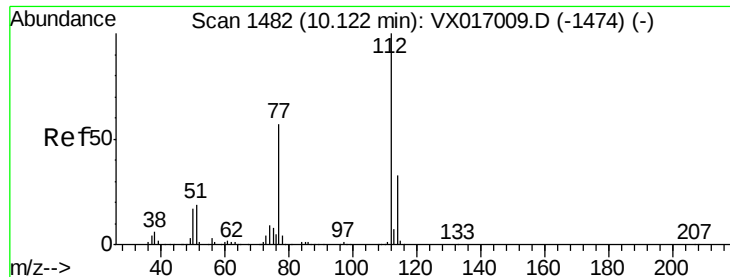
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#64
Tetrachloroethene
Concen: 45.712 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	99.4	149.0
129	92.6	76.3	114.5
131	94.0	70.6	105.8





#65

Chlorobenzene

Concen: 46.995 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 398844

Ion Ratio Lower Upper

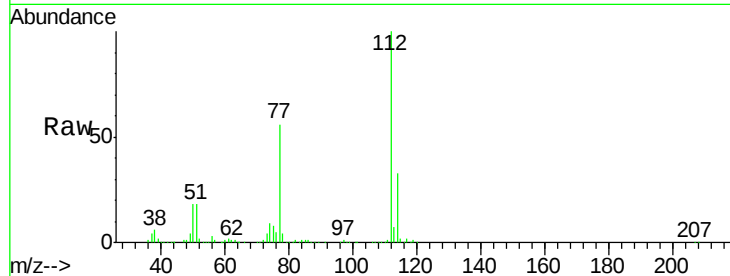
112 100

114 32.7 26.2 39.4

Manual Integrations
APPROVED

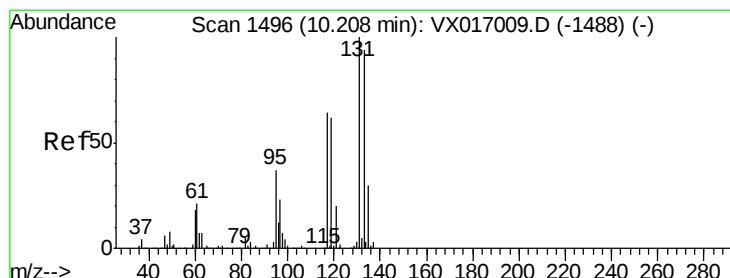
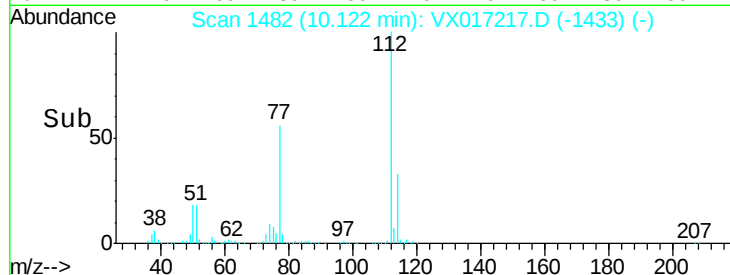
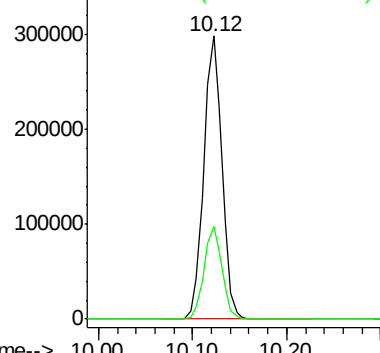
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.568 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

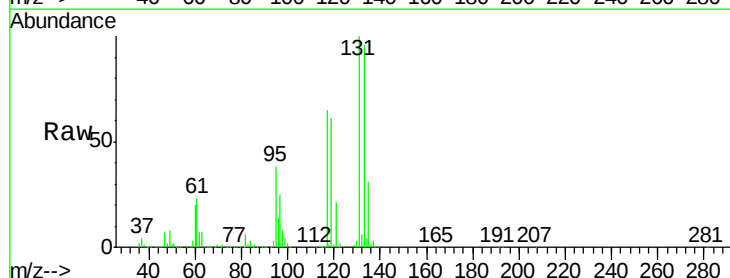
Tgt Ion:131 Resp: 165395

Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.9

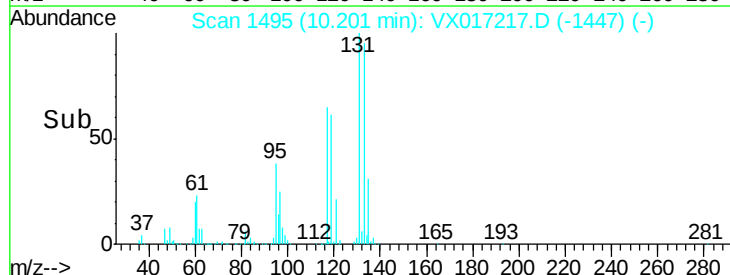
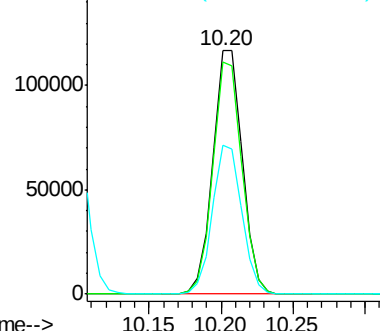
119 61.3 31.9 95.5

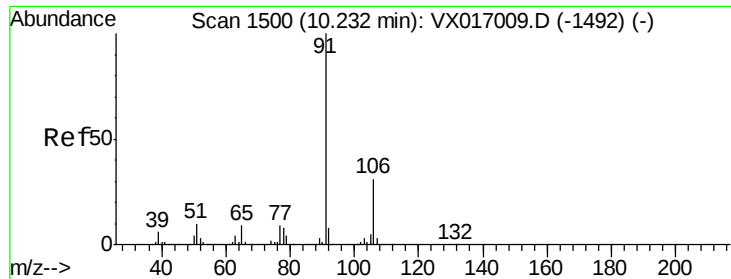


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





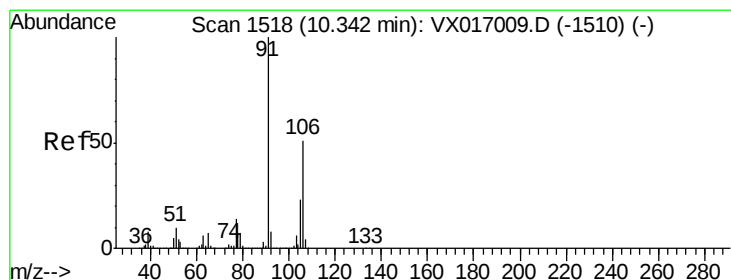
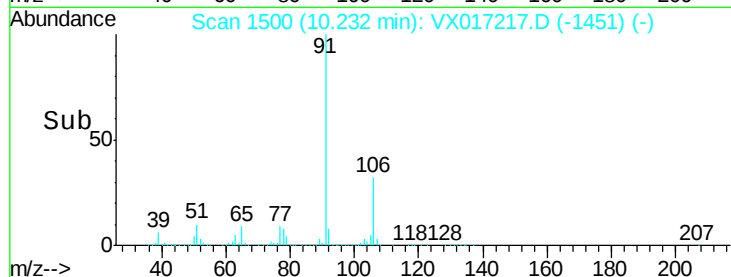
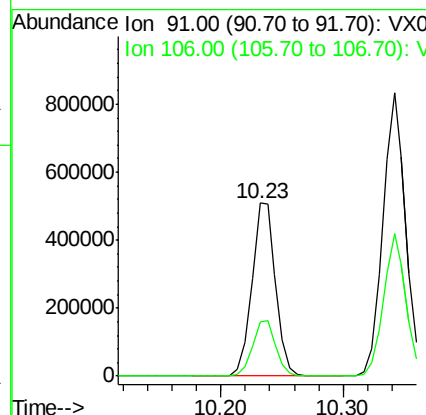
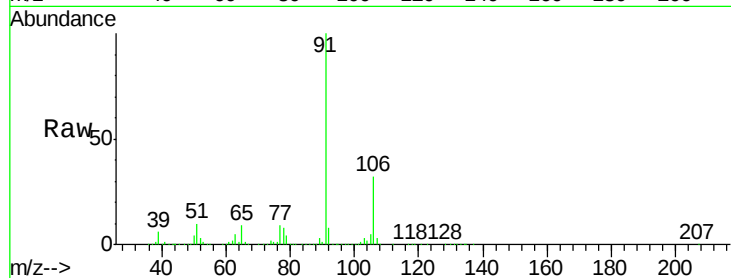
#67
Ethyl Benzene
Concen: 48.214 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 683347
Ion Ratio Lower Upper
91 100
106 31.6 24.7 37.1

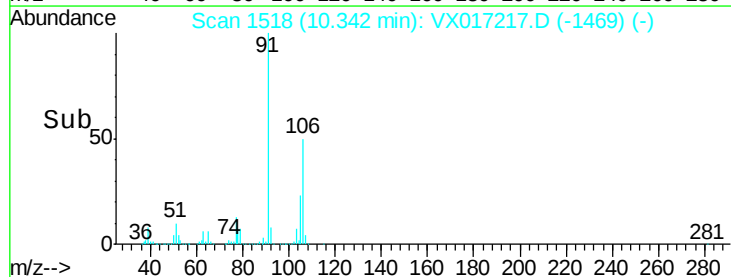
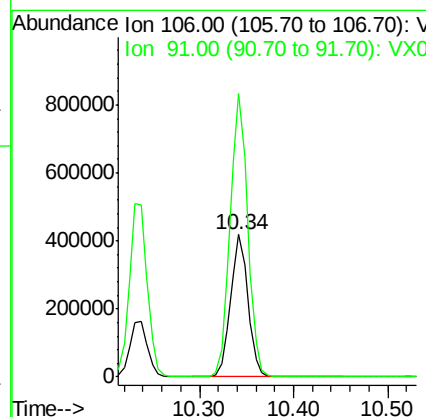
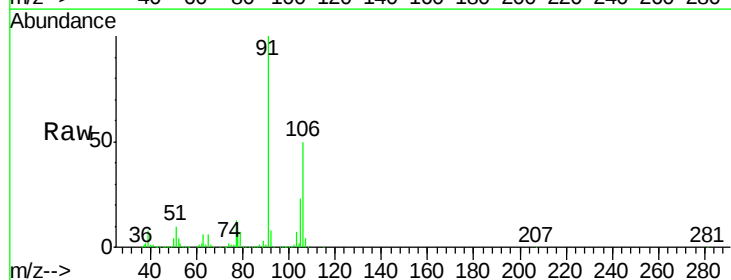
Manual Integrations
APPROVED

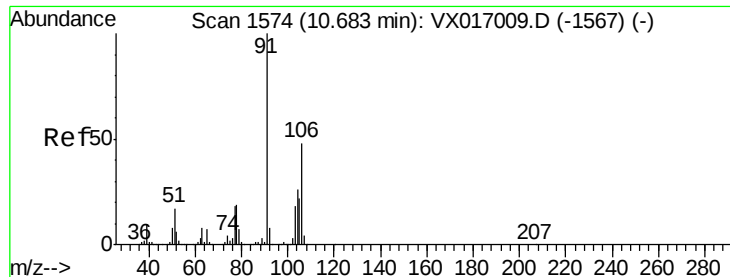
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#68
m/p-Xylenes
Concen: 98.454 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion: 106 Resp: 535796
Ion Ratio Lower Upper
106 100
91 200.9 158.6 238.0





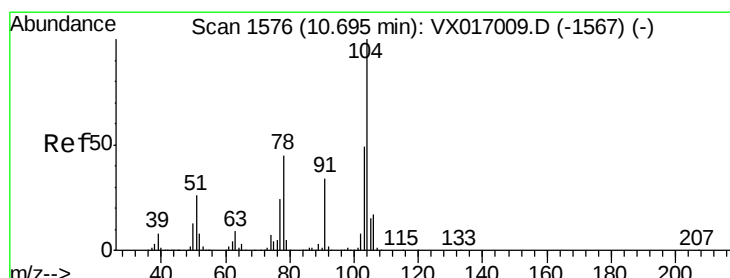
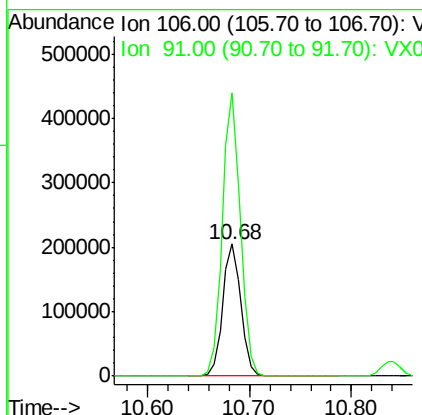
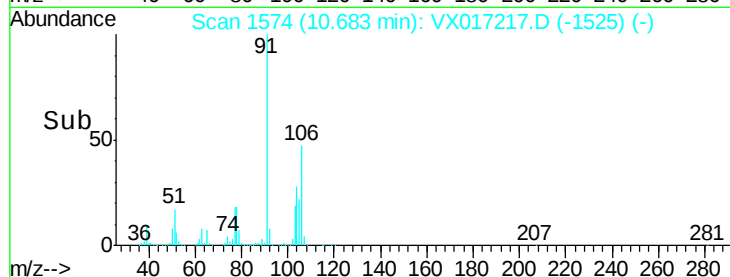
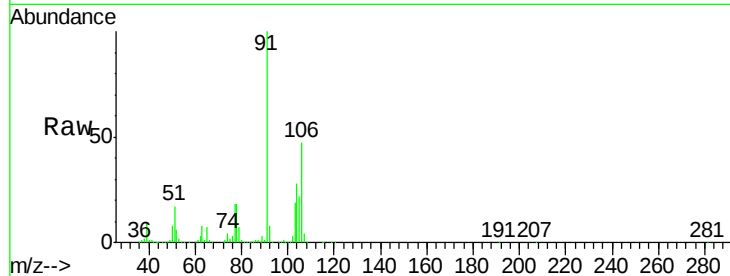
#69
o-Xylene
Concen: 49.151 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.1	105.6	316.7		

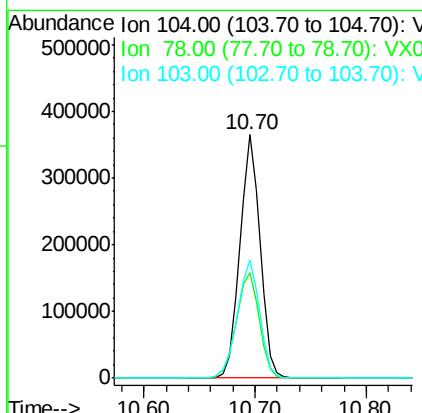
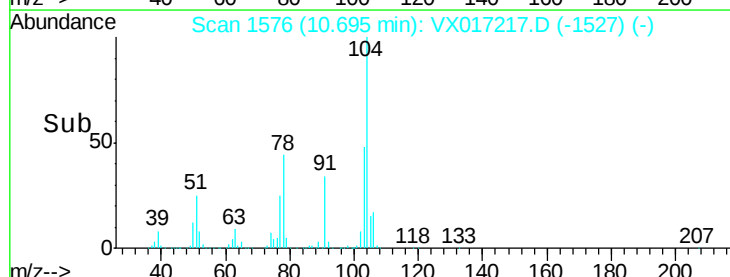
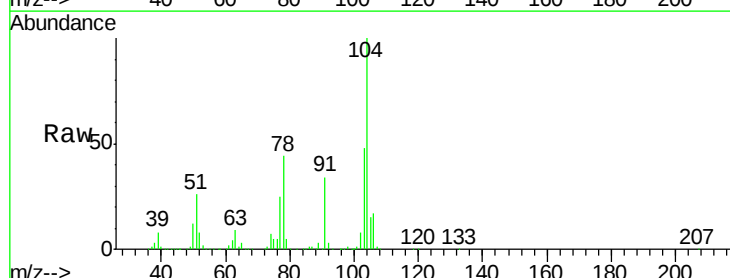
Manual Integrations
APPROVED

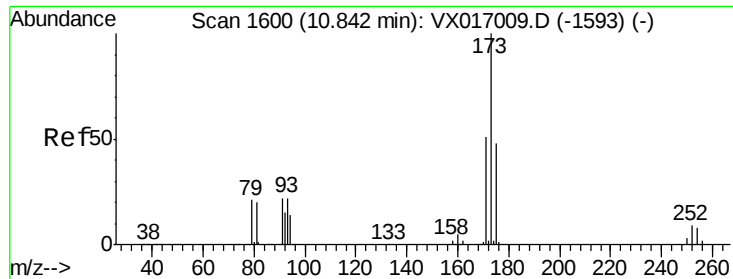
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#70
Styrene
Concen: 52.116 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.1	39.5	59.3		
103	53.3	43.0	64.6		





#71

Bromoform

Concen: 55.025 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

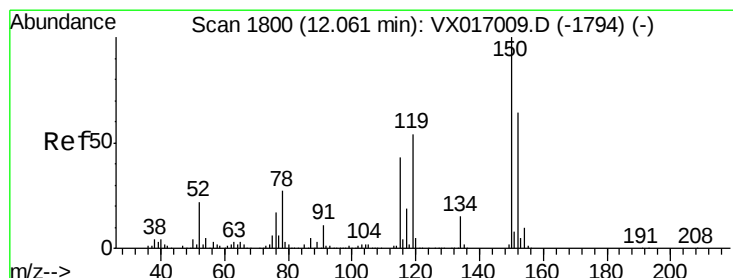
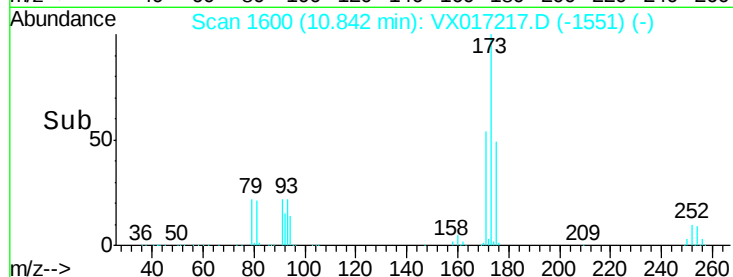
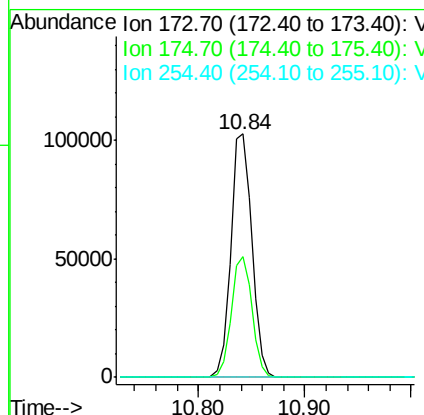
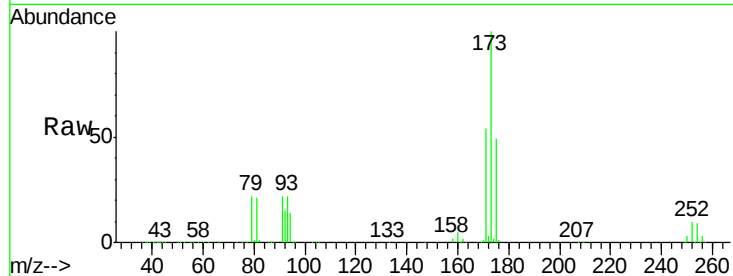
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.5	73.5
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

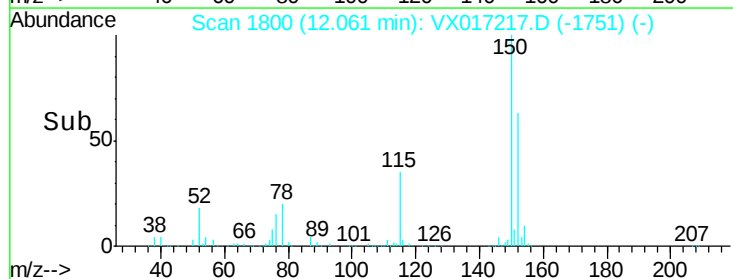
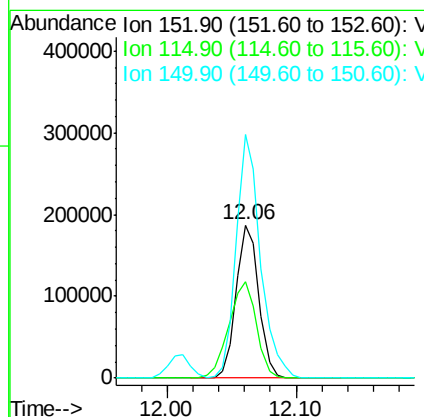
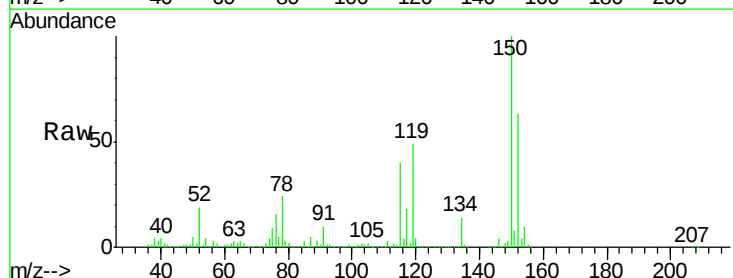
RT: 12.06 min Scan# 1800

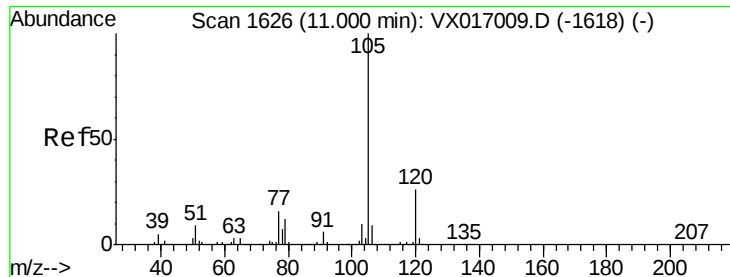
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.2	40.9	122.7
150	170.7	0.0	351.6





#73

Isopropylbenzene

Concen: 45.756 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 688239

Ion Ratio Lower Upper

105 100

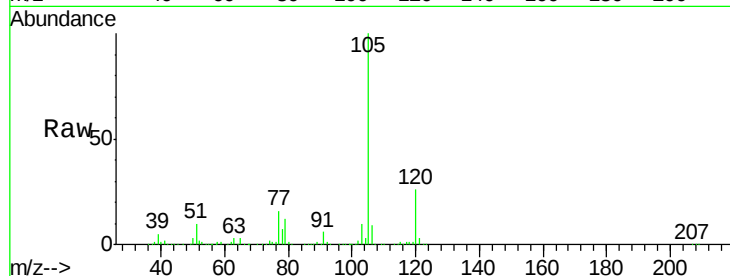
120 26.9 13.4 40.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

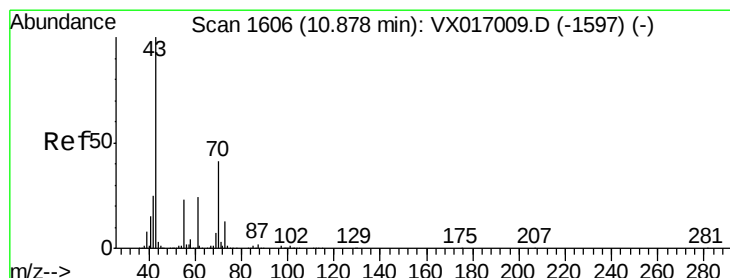
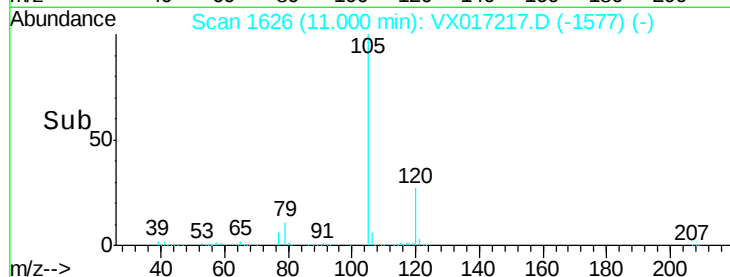
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 45.663 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion: 43 Resp: 293072

Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.2

55 25.5 19.2 28.8

61 24.5 19.6 29.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

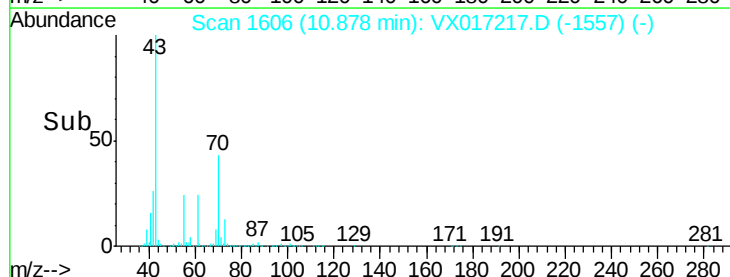
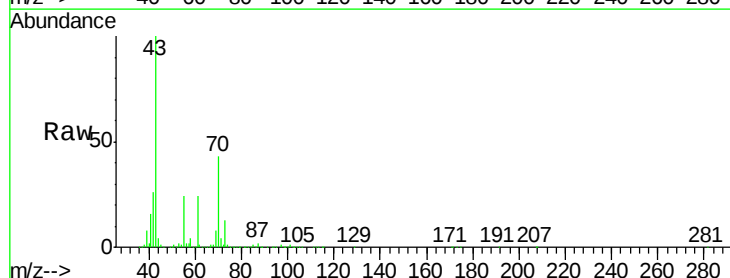
300000

200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 46.352 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

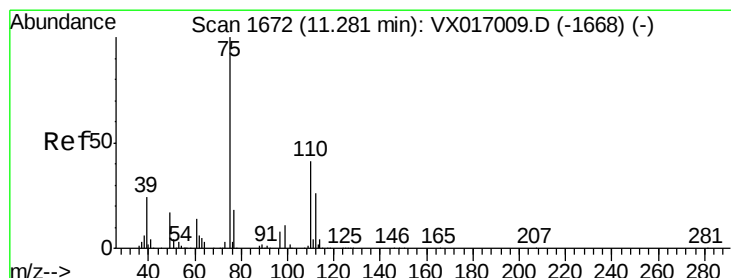
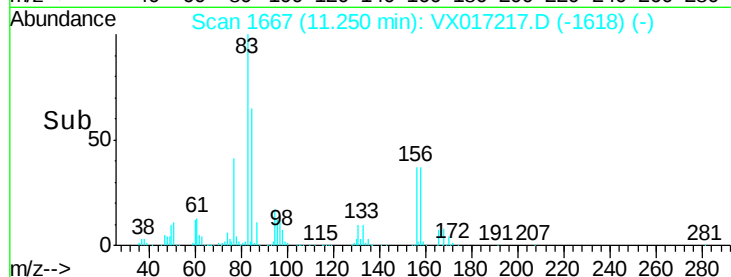
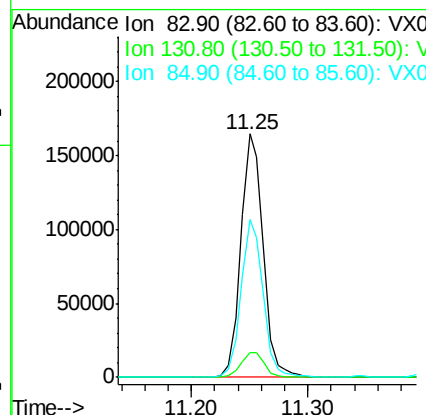
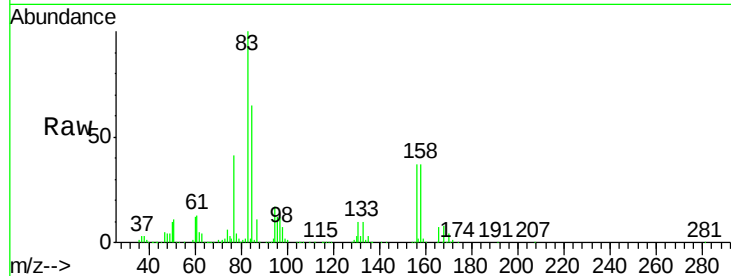
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	219312
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 46.023 ug/l m

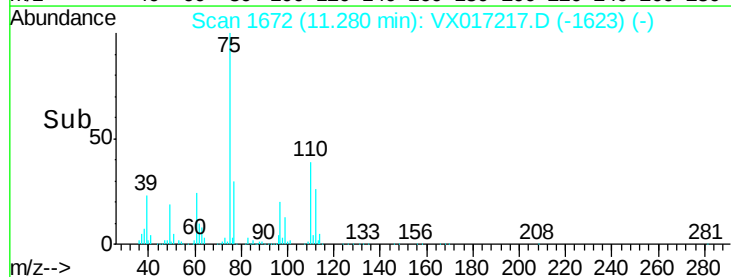
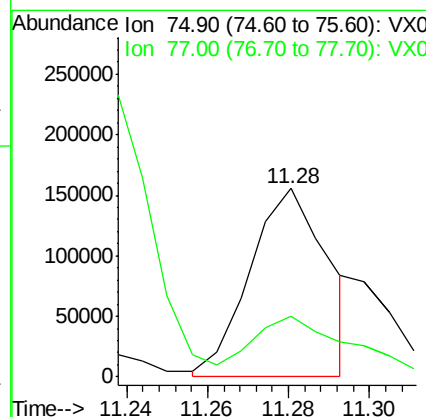
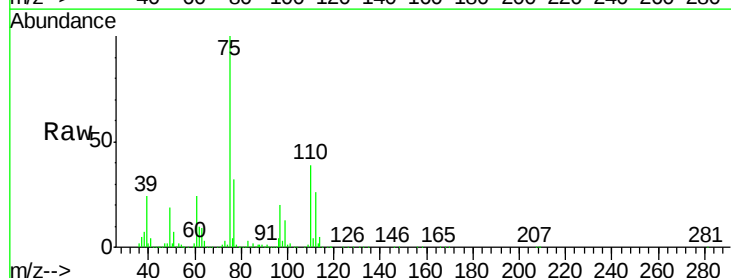
RT: 11.28 min Scan# 1672

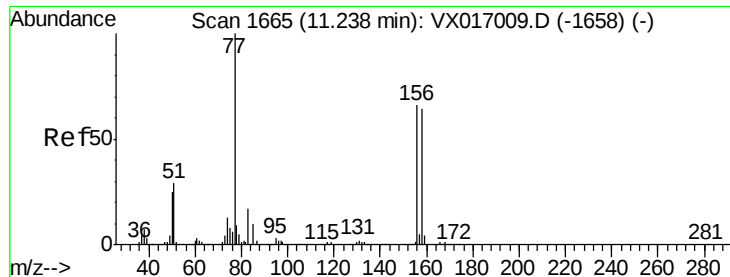
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	75	Resp:	207827
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.2	60.6





#77

Bromobenzene

Concen: 45.981 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

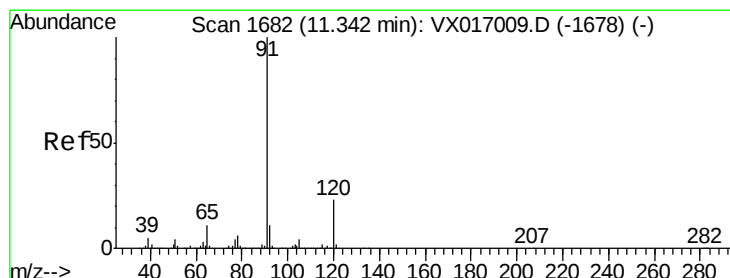
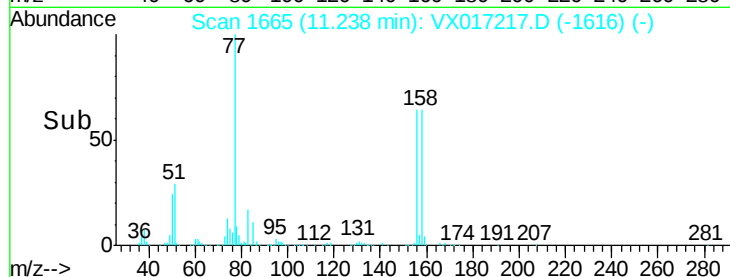
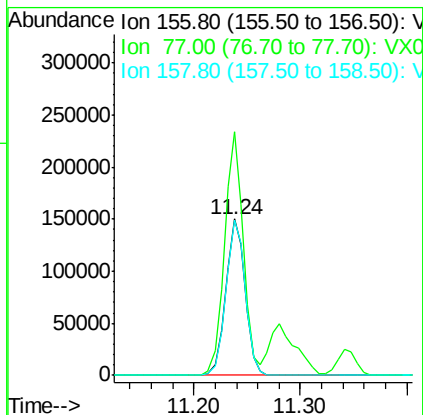
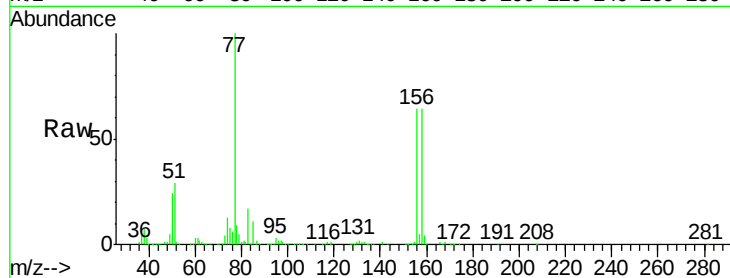
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	190084
Ion Ratio	Lower	Upper	
156	100		
77	151.2	76.9	230.7
158	99.4	47.9	143.6

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#78

n-propylbenzene

Concen: 45.711 ug/l

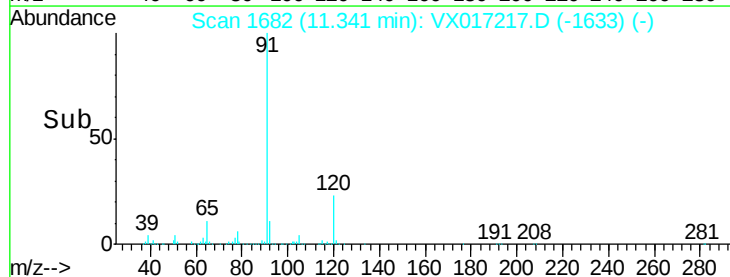
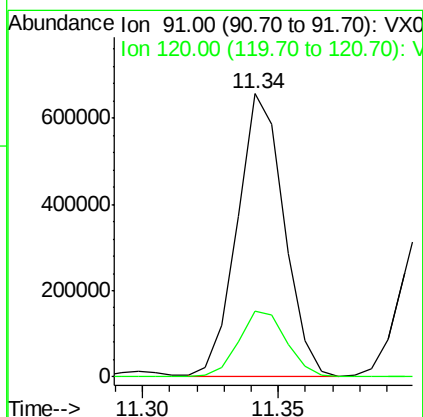
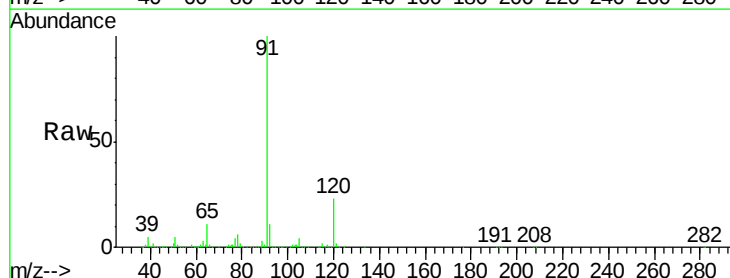
RT: 11.34 min Scan# 1682

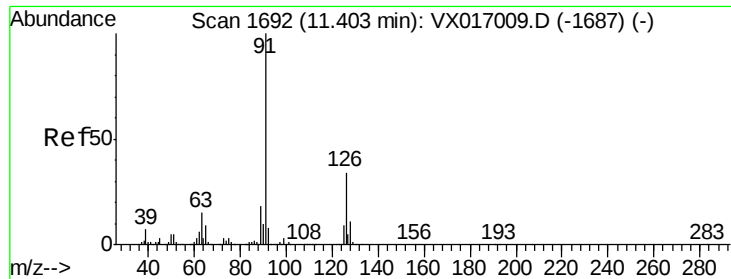
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	91	Resp:	777525
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 46.483 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 478516

Ion Ratio Lower Upper

91 100

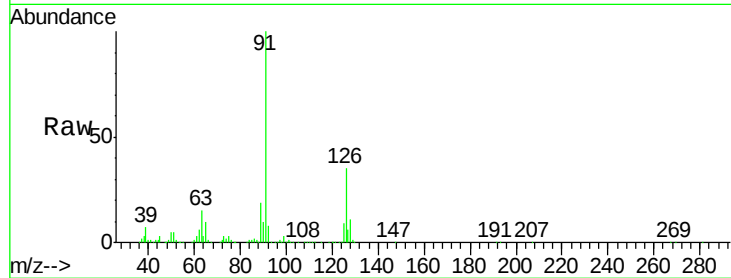
126 35.5 17.4 52.3

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

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

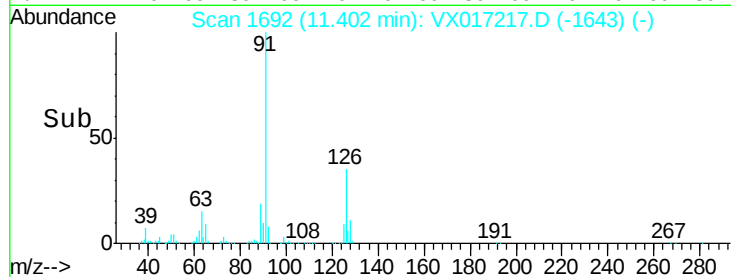
600000

400000

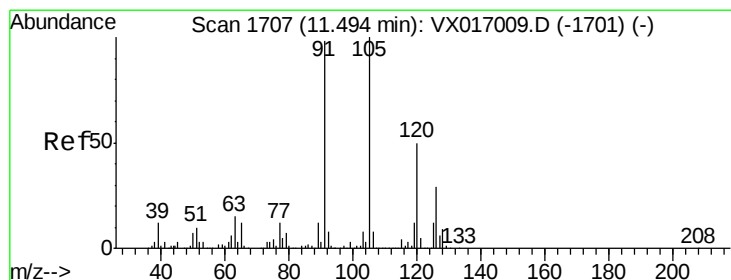
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.634 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017217.D

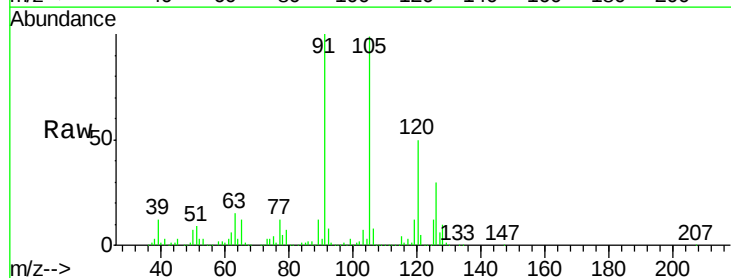
Acq: 07 Jul 2020 20:25

Tgt Ion: 105 Resp: 594305

Ion Ratio Lower Upper

105 100

120 49.9 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) (-)

500000

400000

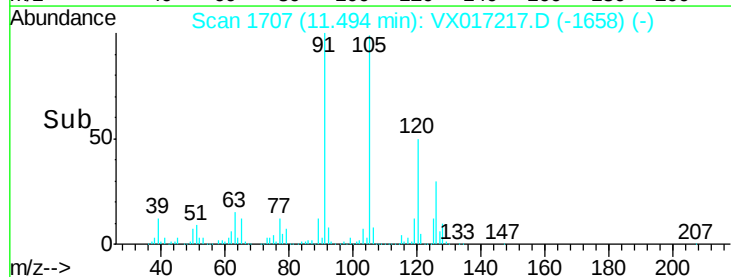
300000

200000

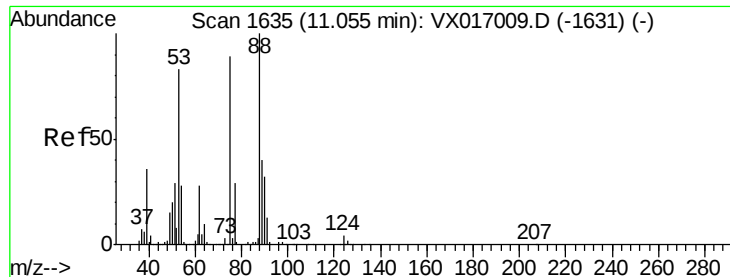
100000

0

11.45 11.50 11.55



Time-->



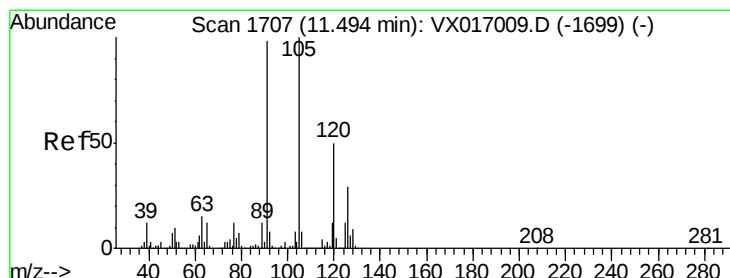
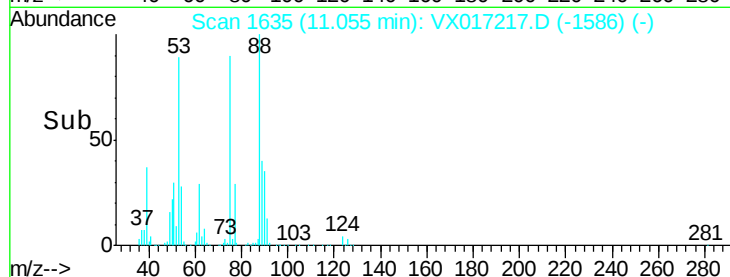
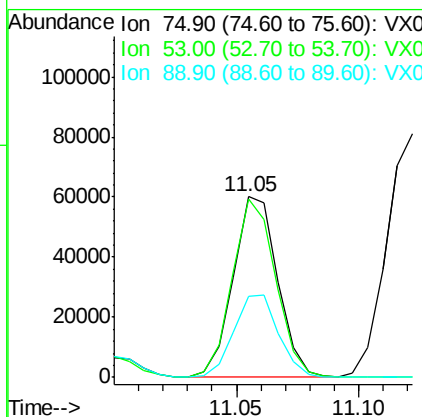
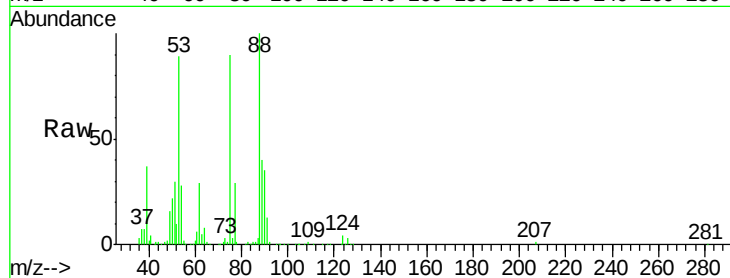
#81
trans-1,4-Dichloro-2-butene
Concen: 43.597 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	72.4	108.6
89	46.0	37.0	55.4

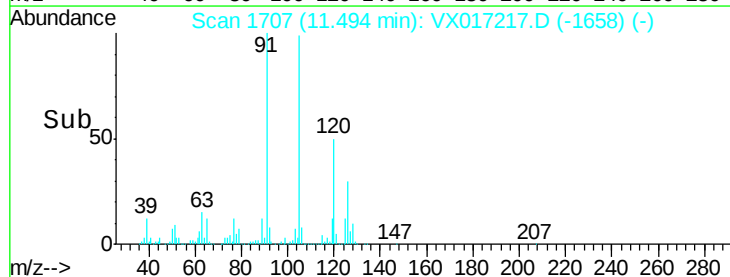
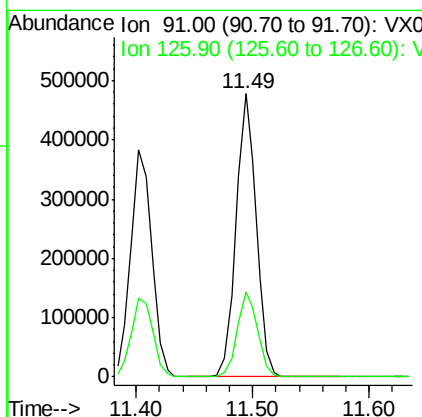
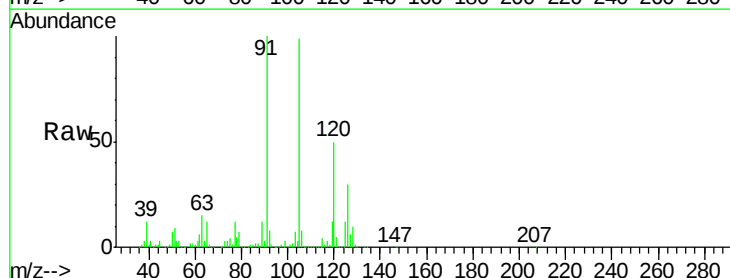
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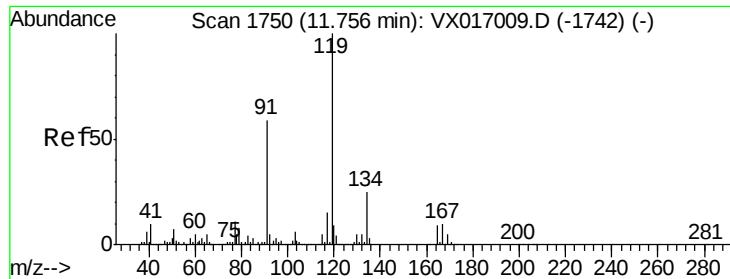
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7/8/2020 9:31:43 AM



#82
4-Chlorotoluene
Concen: 46.891 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.5





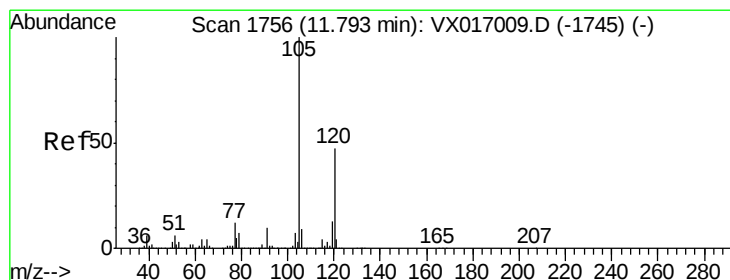
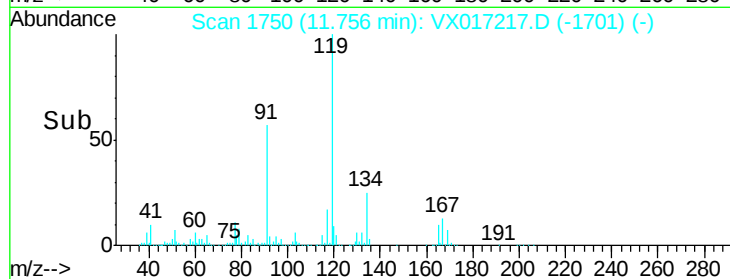
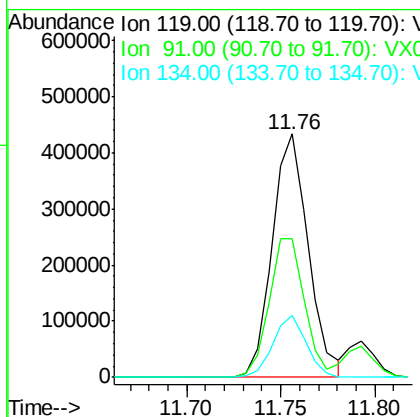
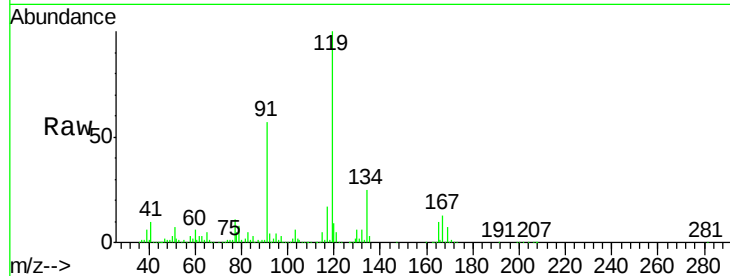
#83
tert-Butylbenzene
Concen: 46.958 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	575122		
91	55.9	28.3	84.9	
134	23.6	11.7	35.1	

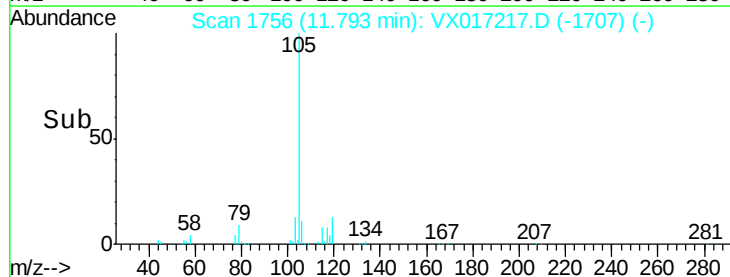
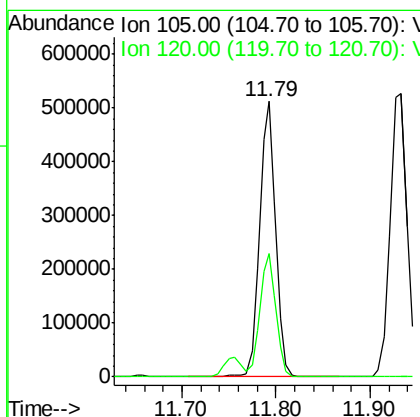
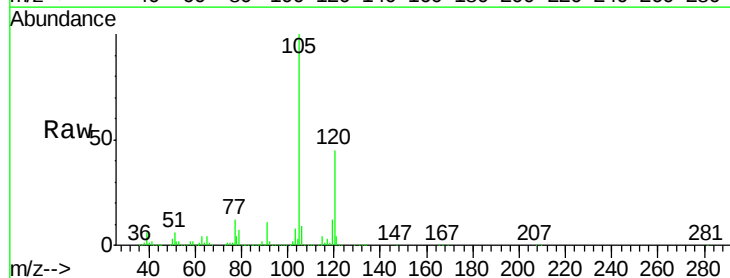
Manual Integrations
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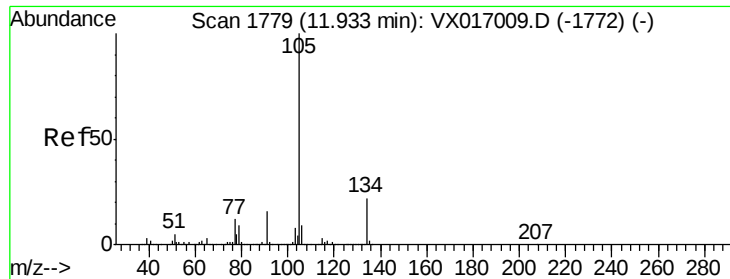
MMDadoda
7/8/2020 9:31:43 AM



#84
1,2,4-Trimethylbenzene
Concen: 48.569 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614764		
120	45.0	22.9	68.5	





#85

sec-Butylbenzene

Concen: 45.369 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 653172

Ion Ratio Lower Upper

105 100

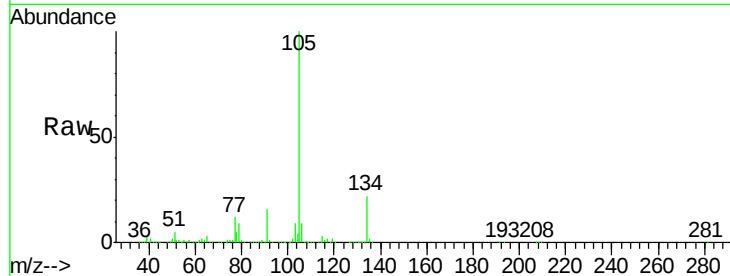
134 21.1 10.5 31.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

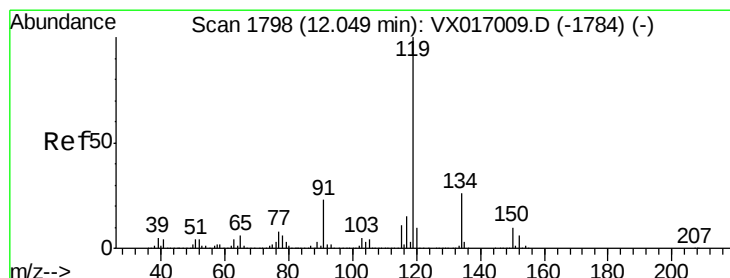
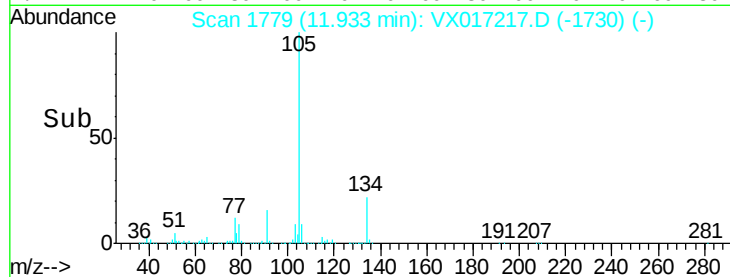
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.208 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

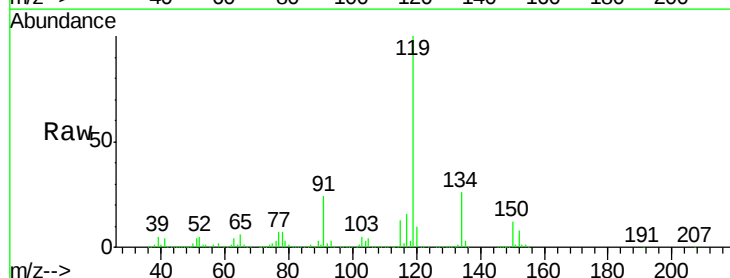
Tgt Ion:119 Resp: 632695

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

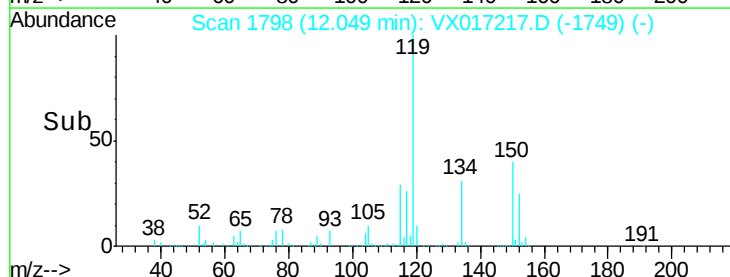
600000

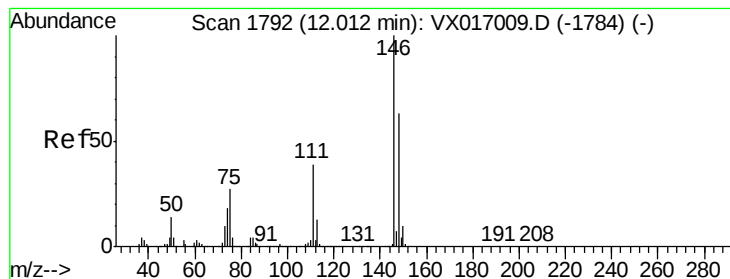
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 45.333 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

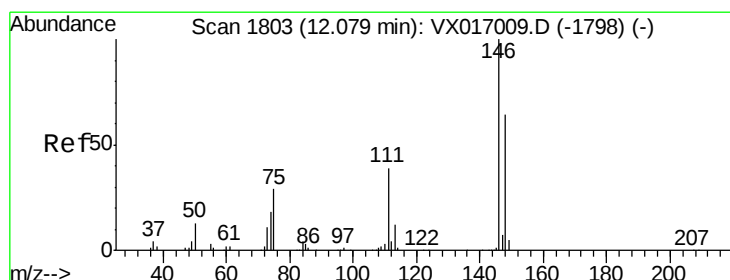
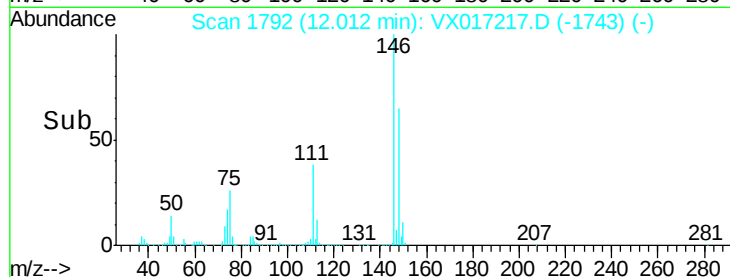
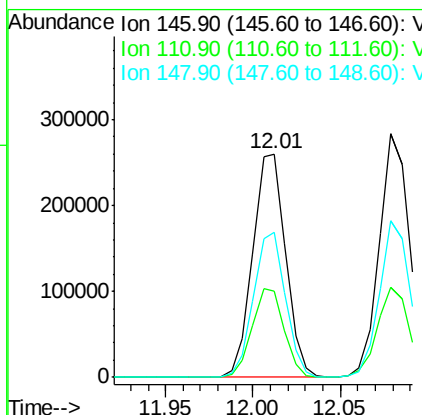
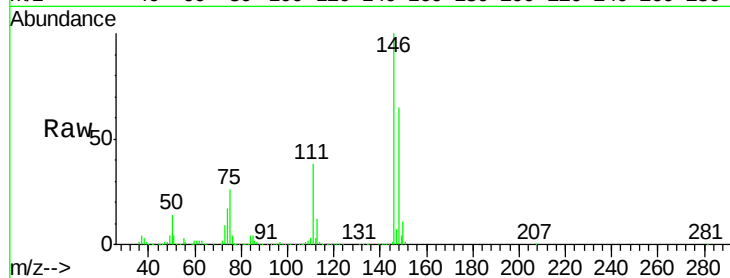
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	340368
Ion Ratio	Lower	Upper	
146	100		
111	38.8	20.4	61.2
148	63.2	32.5	97.5

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#88

1,4-Dichlorobenzene

Concen: 48.260 ug/l

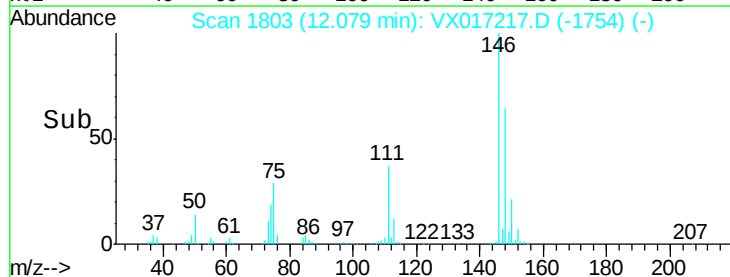
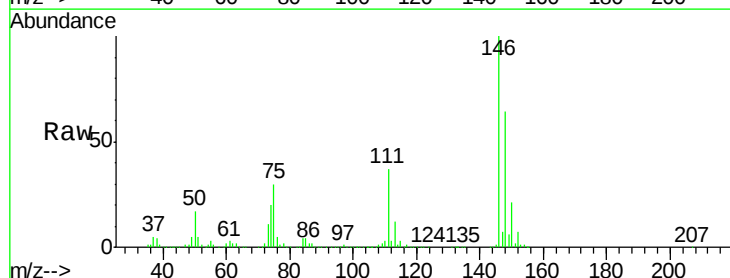
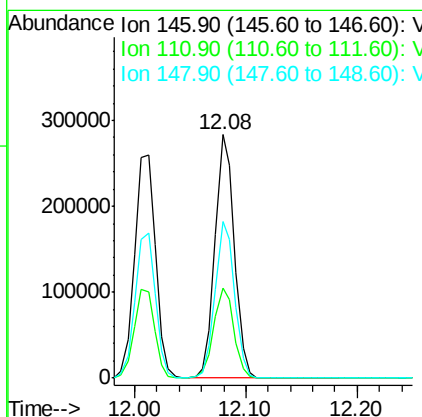
RT: 12.08 min Scan# 1803

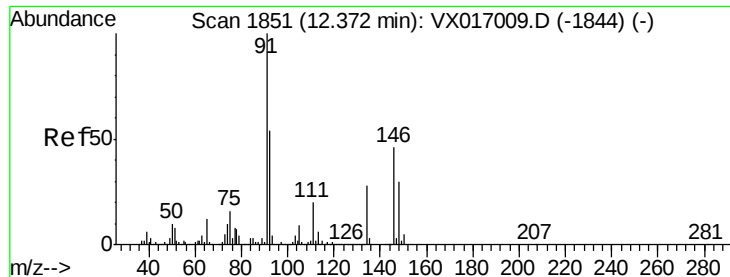
Delta R.T. 0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	146	Resp:	341755
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.5	58.5
148	64.7	31.9	95.7





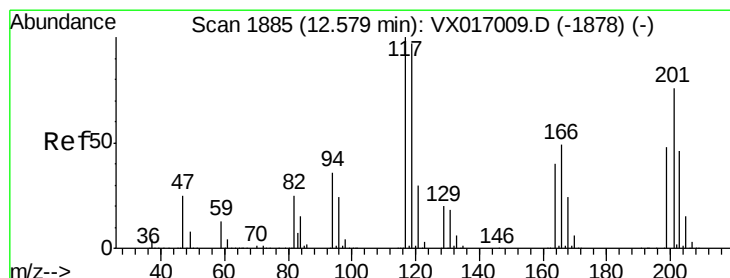
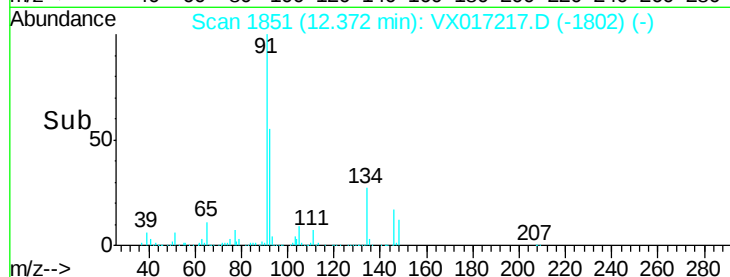
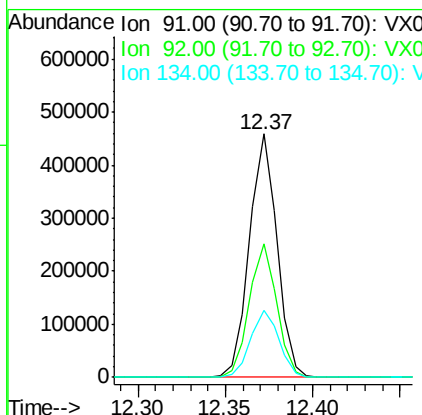
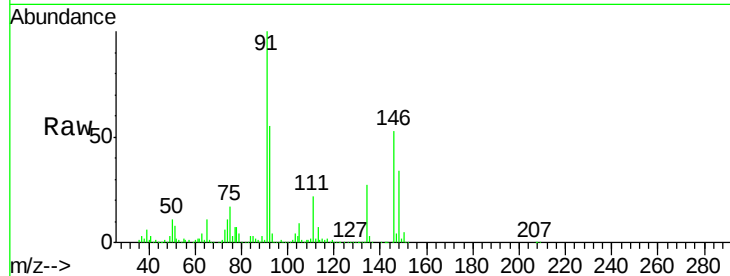
#89
n-Butylbenzene
Concen: 42.054 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.6
134	28.1	13.6	40.7

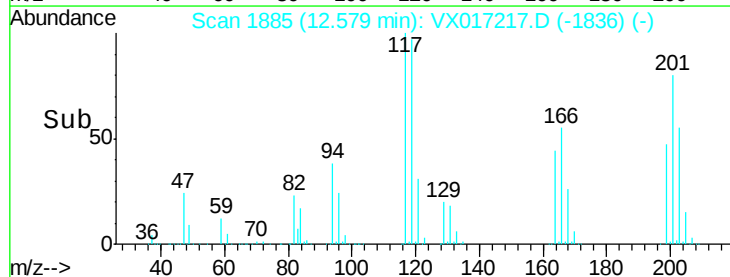
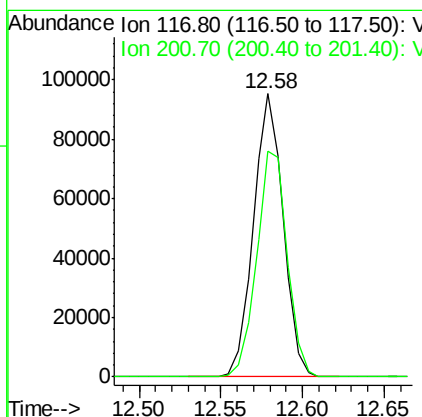
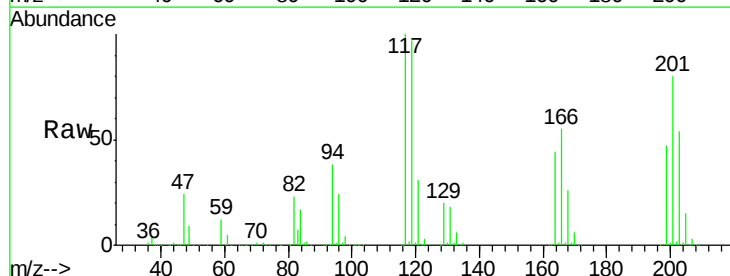
Manual Integrations
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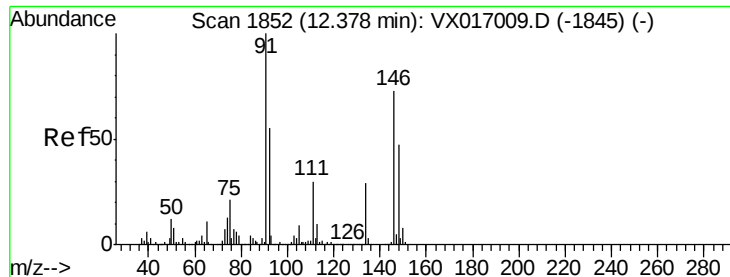
MMDadoda
7/8/2020 9:31:43 AM



#90
Hexachloroethane
Concen: 45.561 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.9	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 47.490 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Instrument :

MSVOA_X

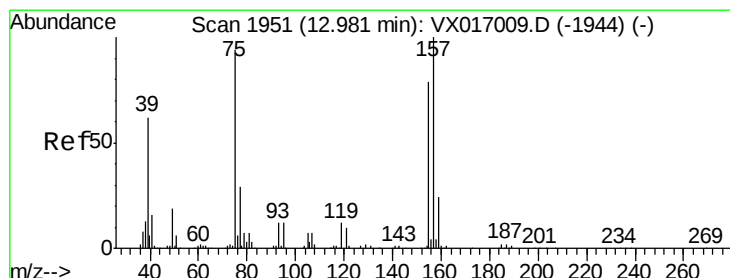
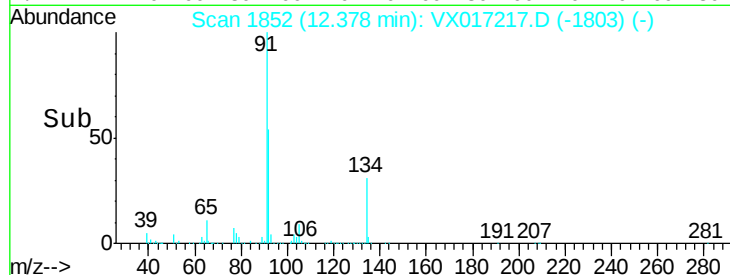
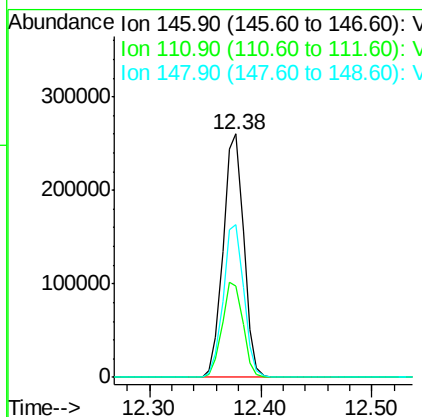
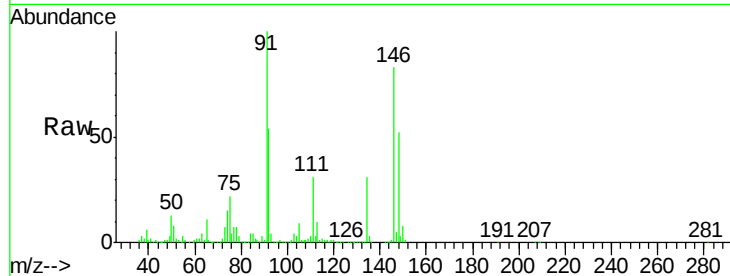
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	333293
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.6	61.9
148	62.7	32.4	97.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.584 ug/l

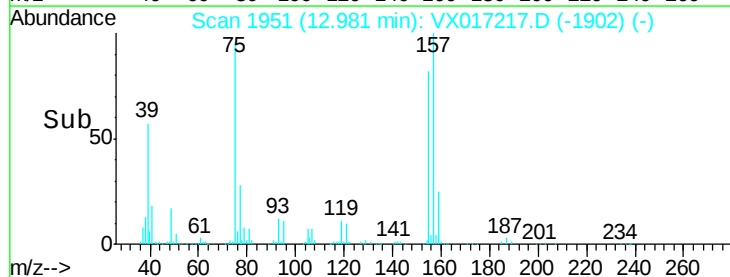
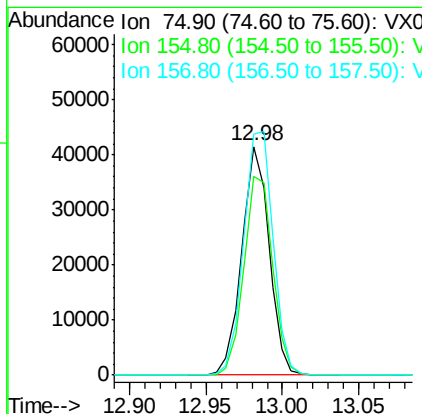
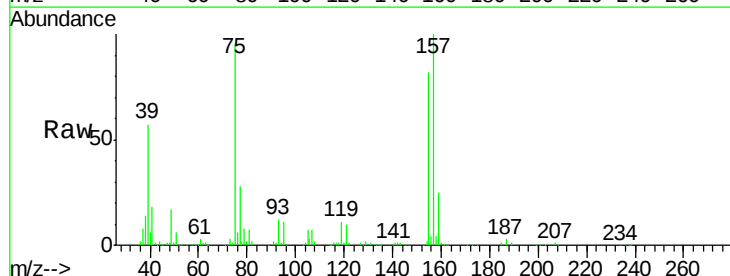
RT: 12.98 min Scan# 1951

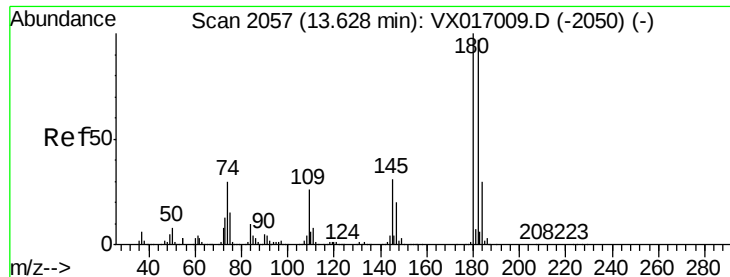
Delta R.T. -0.00 min

Lab File: VX017217.D

Acq: 07 Jul 2020 20:25

Tgt Ion:	75	Resp:	51451
Ion	Ratio	Lower	Upper
75	100		
155	91.7	45.1	135.2
157	114.7	56.5	169.3





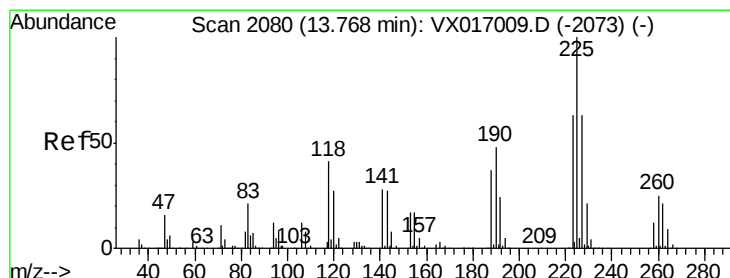
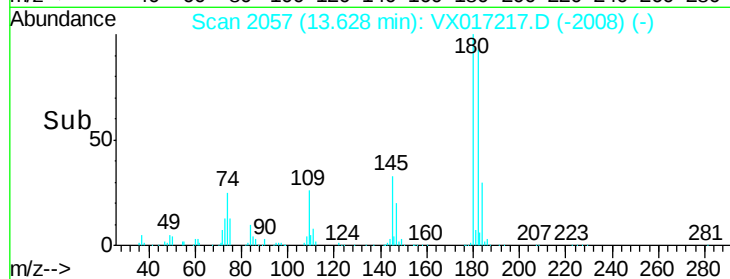
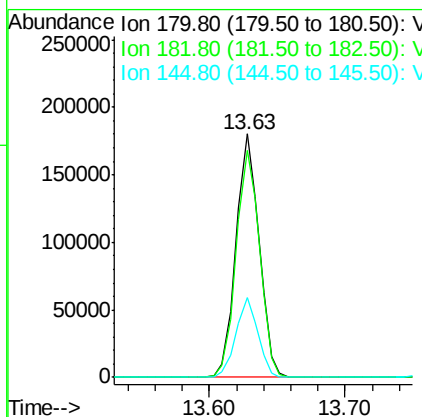
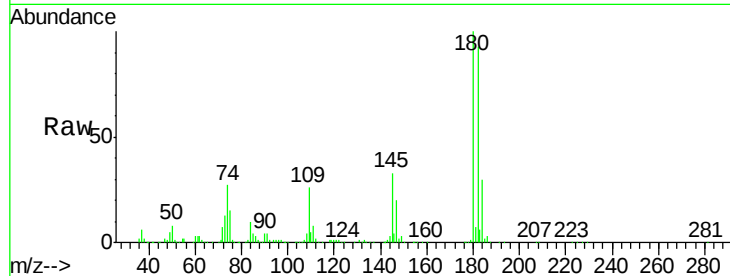
#93
 1,2,4-Trichlorobenzene
 Concen: 44.324 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017217.D
 Acq: 07 Jul 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	212320		
182	94.7	47.3	141.9	
145	31.5	15.4	46.2	

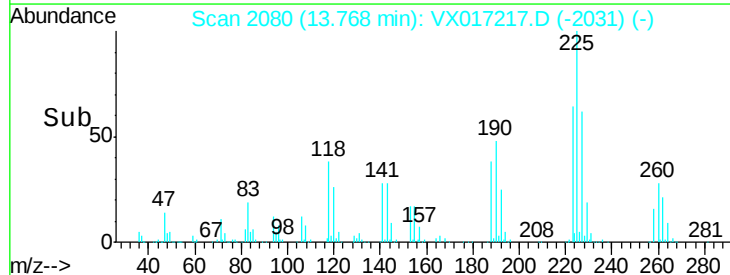
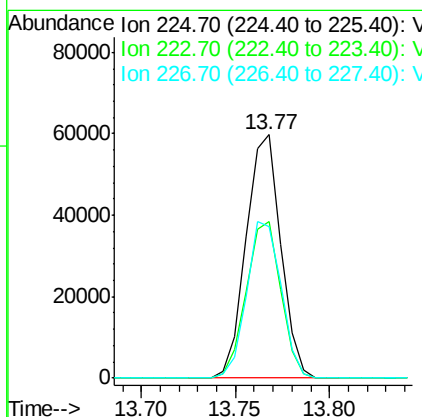
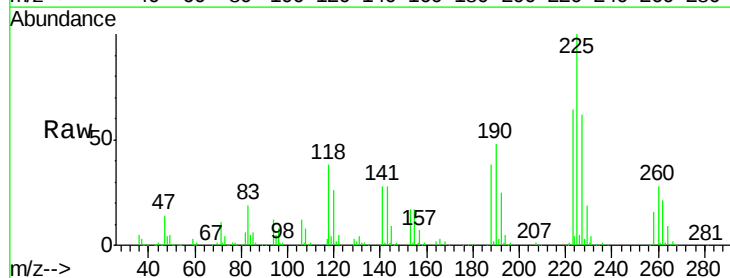
Manual Integrations
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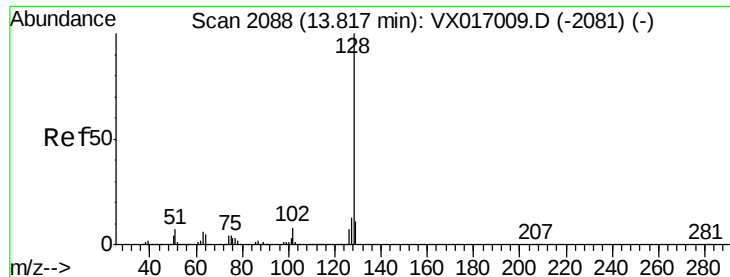
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#94
 Hexachlorobutadiene
 Concen: 42.192 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017217.D
 Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76460		
223	64.0	32.5	97.5	
227	63.9	33.1	99.2	





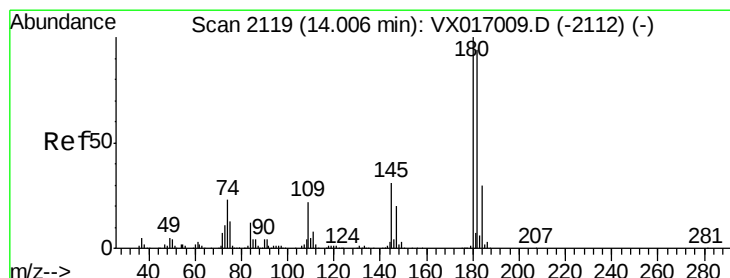
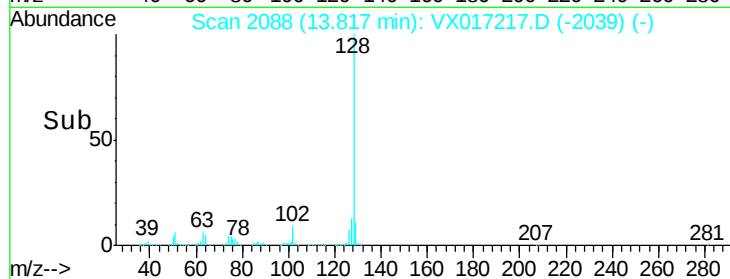
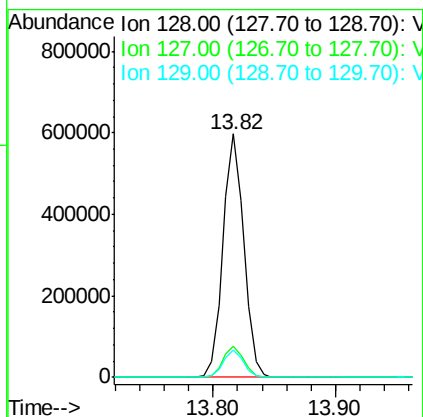
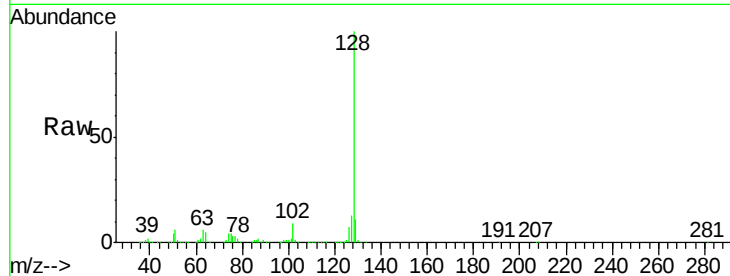
#95
Naphthalene
Concen: 48.278 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.185 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017217.D
Acq: 07 Jul 2020 20:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.4
145	32.5	16.6	49.7

