

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017032.D
 Acq On : 30 Jun 2020 09:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:09 AM

Quant Time: Jul 01 08:07:44 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	297560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	444379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169426	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.46	113	141405	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.70	98	520307	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.12	95	202929	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	149548	51.950	ug/l	96
3) Chloromethane	1.32	50	163578	46.944	ug/l	100
4) Vinyl Chloride	1.39	62	156026	48.261	ug/l	98
5) Bromomethane	1.62	94	88889	52.040	ug/l	100
6) Chloroethane	1.71	64	94128	49.297	ug/l	98
7) Trichlorofluoromethane	1.92	101	247625	51.789	ug/l	98
8) Diethyl Ether	2.17	74	84912	52.759	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137093	47.838	ug/l	98
10) Methyl Iodide	2.49	142	187252	50.638	ug/l	99
11) Tert butyl alcohol	3.01	59	156664	223.868	ug/l	99
12) 1,1-Dichloroethene	2.36	96	131522	44.675	ug/l	96
13) Acrolein	2.27	56	93688	223.957	ug/l	98
14) Allyl chloride	2.71	41	255875	47.030	ug/l	98
15) Acrylonitrile	3.11	53	394088	234.255	ug/l	100
16) Acetone	2.42	43	282134	205.595	ug/l	97
17) Carbon Disulfide	2.55	76	424445	51.665	ug/l	99
18) Methyl Acetate	2.75	43	166434	46.459	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	488954	49.487	ug/l	99
20) Methylene Chloride	2.83	84	162705	51.724	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	161760	49.513	ug/l	98
22) Diisopropyl ether	3.82	45	508533	50.501	ug/l	93
23) Vinyl Acetate	3.78	43	2215567	256.047	ug/l	100
24) 1,1-Dichloroethane	3.67	63	279576	48.795	ug/l	99
25) 2-Butanone	4.63	43	520976	227.841	ug/l	99
26) 2,2-Dichloropropane	4.55	77	255117	50.147	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175538	47.420	ug/l	98
28) Bromochloromethane	4.98	49	134201	48.133	ug/l	100
29) Tetrahydrofuran	5.09	42	354451	234.613	ug/l	99
30) Chloroform	5.17	83	289795	49.340	ug/l	99
31) Cyclohexane	5.54	56	254291	51.346	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	262849	48.593	ug/l	99
36) 1,1-Dichloropropene	5.76	75	219902	52.359	ug/l	99
37) Ethyl Acetate	4.79	43	212881	49.957	ug/l	99
38) Carbon Tetrachloride	5.75	117	249740	53.987	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	261654	55.993	ug/l	98
40) Benzene	6.11	78	639261	51.804	ug/l	97
41) Methacrylonitrile	5.00	41	122200	50.952	ug/l	98
42) 1,2-Dichloroethane	6.16	62	228925	51.359	ug/l	100
43) Isopropyl Acetate	6.41	43	351636	49.659	ug/l	99
44) Trichloroethene	7.18	130	186373	54.761	ug/l	96
45) 1,2-Dichloropropane	7.49	63	166478	52.526	ug/l	99
46) Dibromomethane	7.63	93	111989	51.754	ug/l	99
47) Bromodichloromethane	7.87	83	235280	52.762	ug/l	95
48) Methyl methacrylate	7.74	41	175589	52.194	ug/l	99
49) 1,4-Dioxane	7.71	88	75565	991.485	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1082666	256.496	ug/l	100
52) Toluene	8.76	92	408597	53.034	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	257364	52.309	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	279075	52.912	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166815	52.994	ug/l	98
56) Ethyl methacrylate	9.16	69	241799	53.968	ug/l	99
57) 1,3-Dichloropropane	9.35	76	274759	51.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660041	296.004	ug/l	100
59) 2-Hexanone	9.47	43	822031	266.657	ug/l	99
60) Dibromochloromethane	9.56	129	195264	53.408	ug/l	99
61) 1,2-Dibromoethane	9.65	107	176768	52.243	ug/l	100
64) Tetrachloroethene	9.32	164	178157	53.321	ug/l	94
65) Chlorobenzene	10.12	112	449155	52.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	173508	52.690	ug/l	99
67) Ethyl Benzene	10.23	91	781821	54.789	ug/l	98
68) m/p-Xylenes	10.34	106	613274	111.930	ug/l	99
69) o-Xylene	10.68	106	289263	55.497	ug/l	99
70) Styrene	10.70	104	507871	57.219	ug/l	100
71) Bromoform	10.84	173	144175	55.211	ug/l #	99
73) Isopropylbenzene	11.00	105	789445	54.070	ug/l	100
74) N-amyl acetate	10.88	43	324528	52.092	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	230013	50.083	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224666m	51.255	ug/l	
77) Bromobenzene	11.24	156	204255	50.902	ug/l	99
78) n-propylbenzene	11.34	91	911934	55.233	ug/l	100
79) 2-Chlorotoluene	11.40	91	536797	53.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	674370	55.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	87951	51.962	ug/l #	92
82) 4-Chlorotoluene	11.49	91	639877	53.567	ug/l	100
83) tert-Butylbenzene	11.76	119	646835	54.409	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	681271	55.450	ug/l	99
85) sec-Butylbenzene	11.93	105	775797	55.515	ug/l	98
86) p-Isopropyltoluene	12.05	119	721991	55.498	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	370368	50.819	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	375096	54.594	ug/l	99
89) n-Butylbenzene	12.37	91	629694	54.209	ug/l	100
90) Hexachloroethane	12.58	117	136688	53.280	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	344558	50.579	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51541	47.044	ug/l	99

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VSTDCCC050

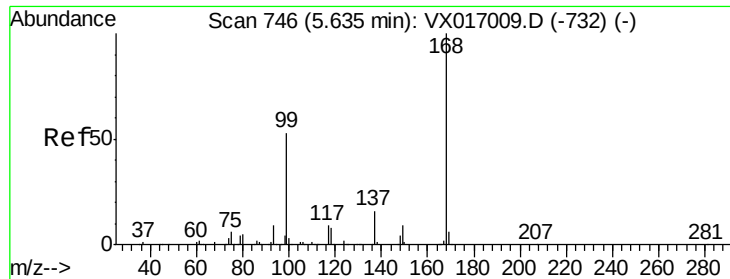
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	238107	51.209	ug/l	99
94) Hexachlorobutadiene	13.76	225	97730	55.291	ug/l	97
95) Naphthalene	13.82	128	749753	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	233955	51.992	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 297560

Ion Ratio Lower Upper

168 100

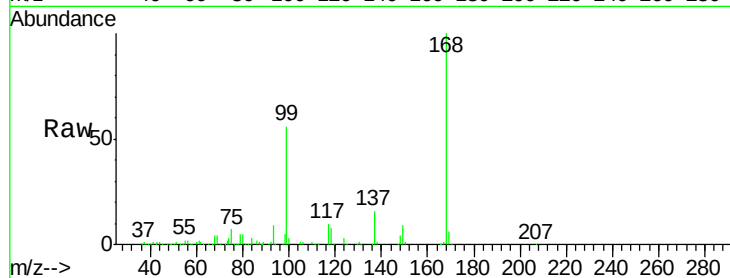
99 55.6 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

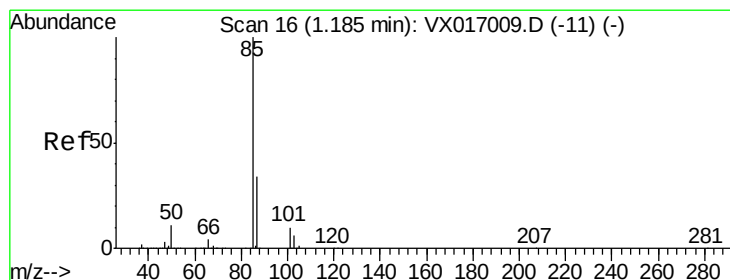
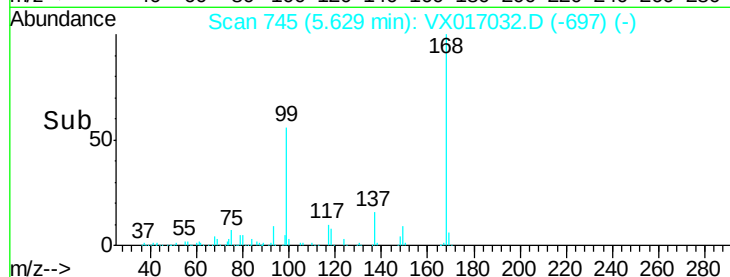
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.950 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017032.D

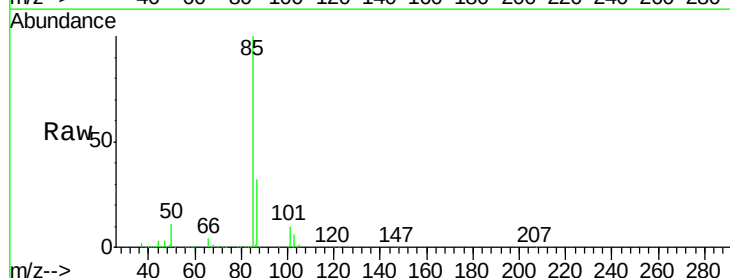
Acq: 30 Jun 2020 09:49

Tgt Ion: 85 Resp: 149548

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

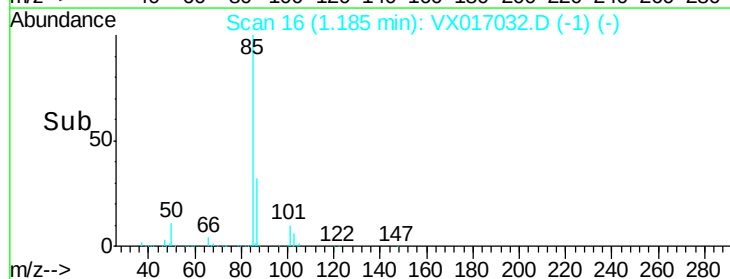
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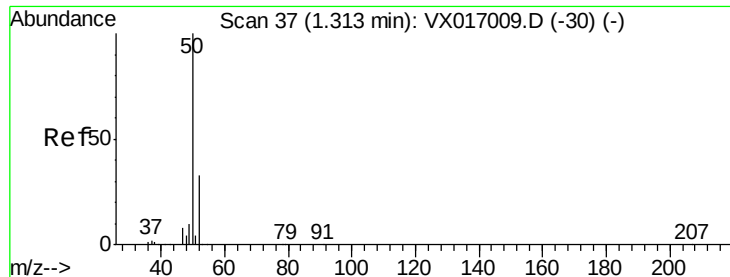
100000

50000

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Time-->





#3

Chloromethane

Concen: 46.944 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 163578

Ion Ratio Lower Upper

50 100

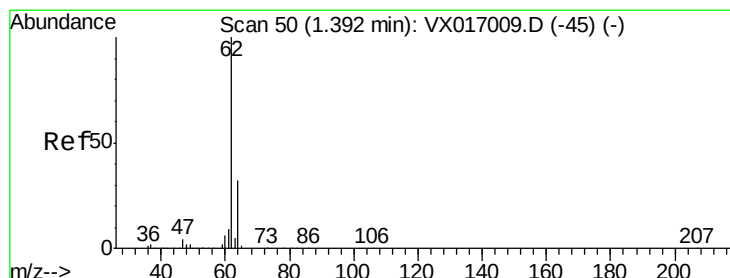
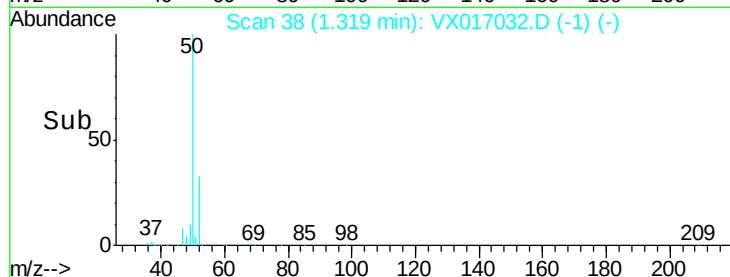
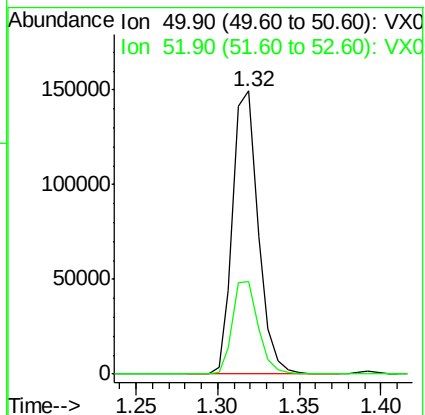
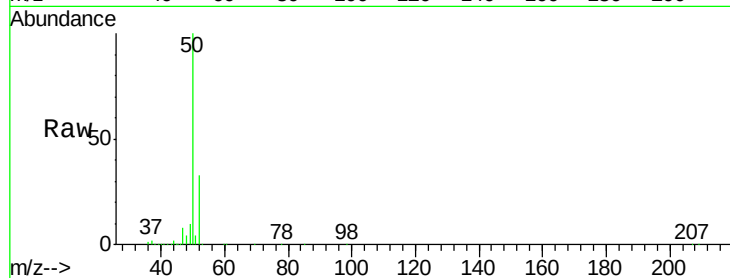
52 32.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 48.261 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017032.D

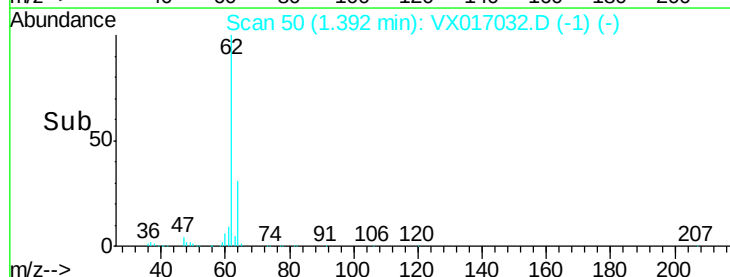
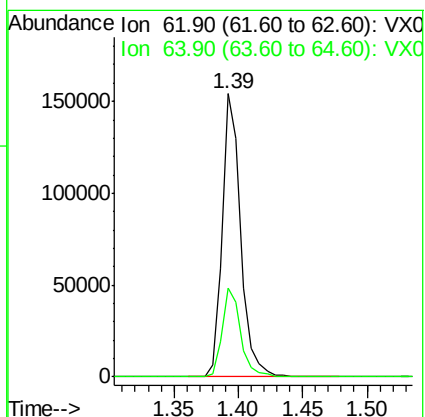
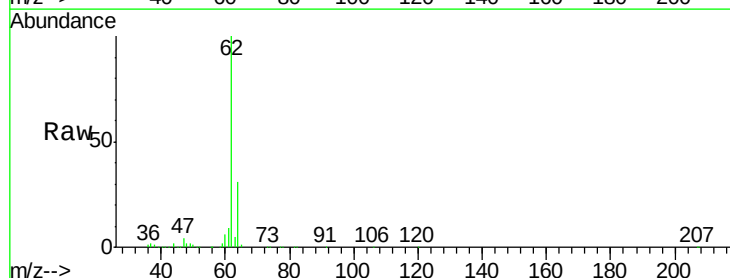
Acq: 30 Jun 2020 09:49

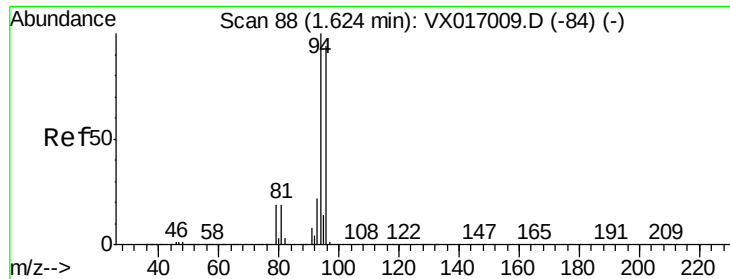
Tgt Ion: 62 Resp: 156026

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 52.040 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 88889

Ion Ratio Lower Upper

94 100

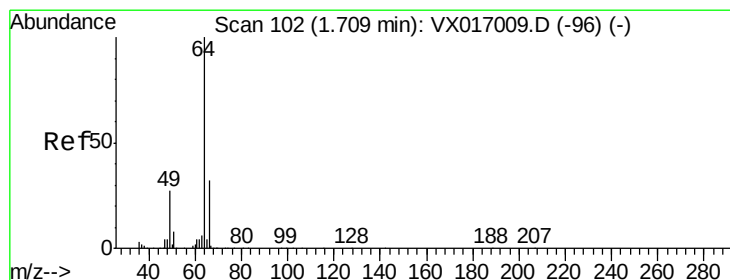
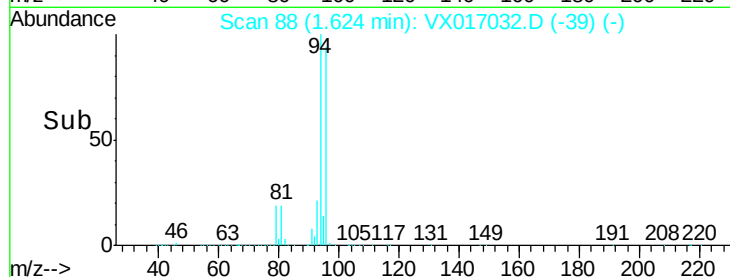
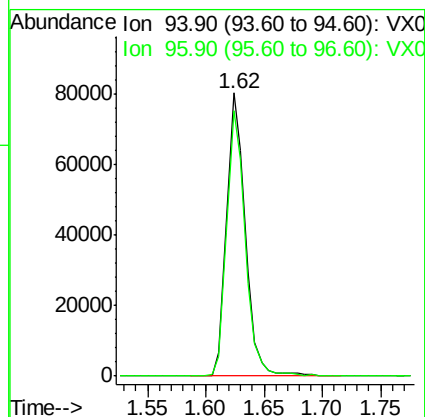
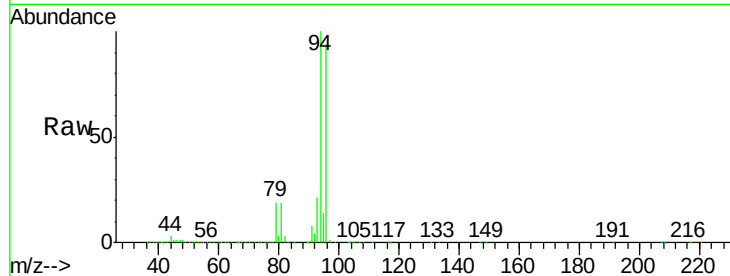
96 93.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 49.297 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017032.D

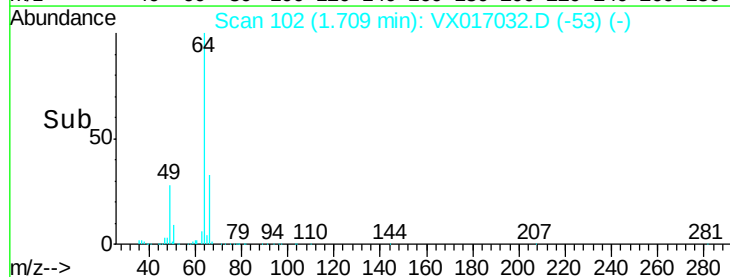
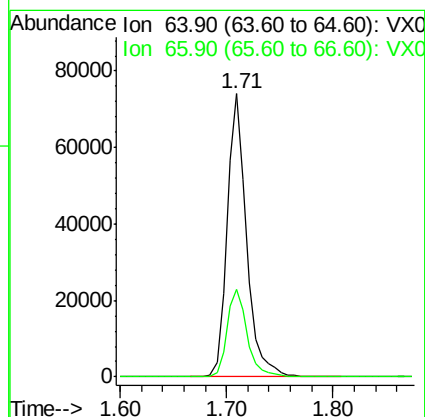
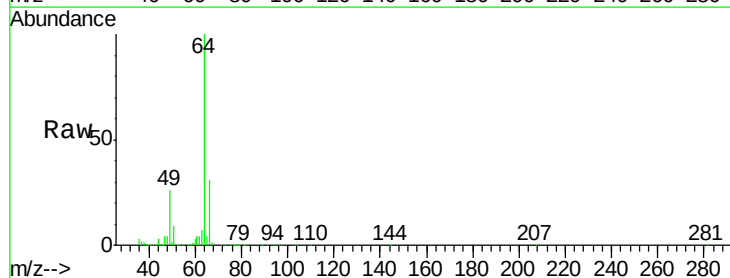
Acq: 30 Jun 2020 09:49

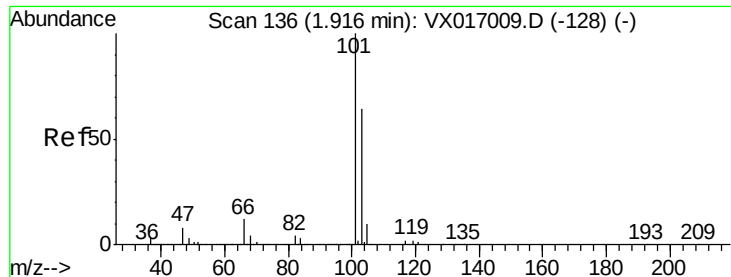
Tgt Ion: 64 Resp: 94128

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3





#7

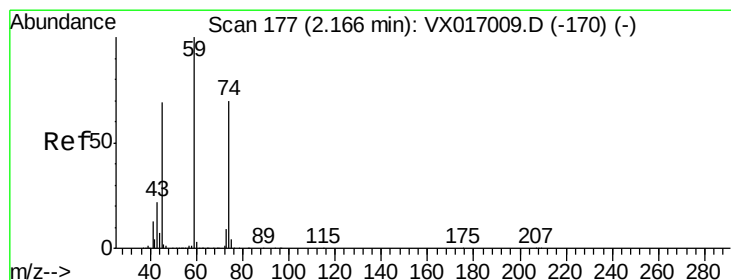
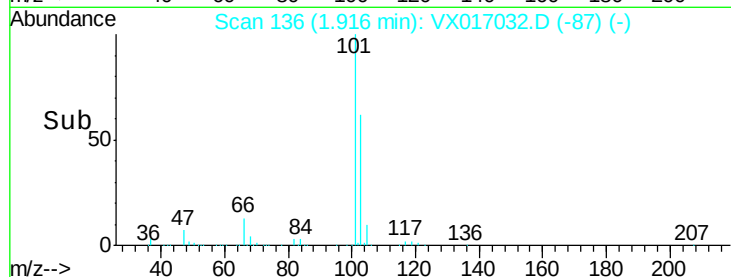
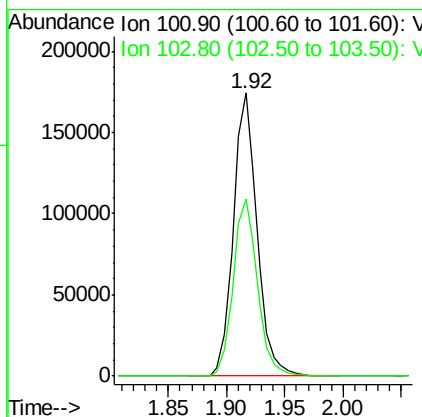
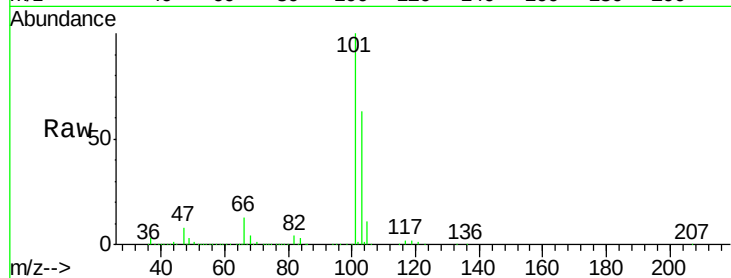
Trichlorofluoromethane
Concen: 51.789 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017032.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.5	77.3

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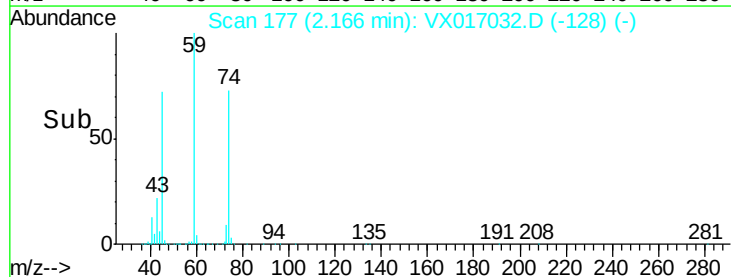
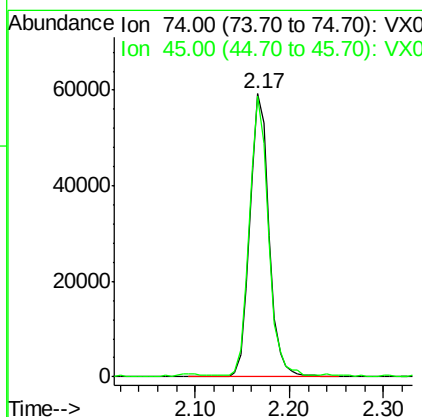
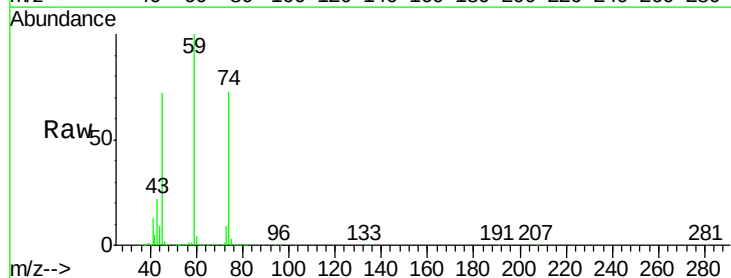
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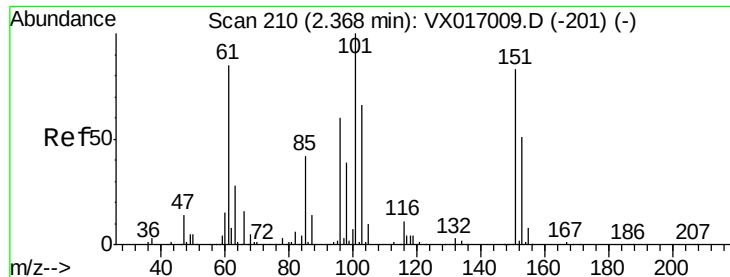


#8

Diethyl Ether
Concen: 52.759 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	49.8	149.3





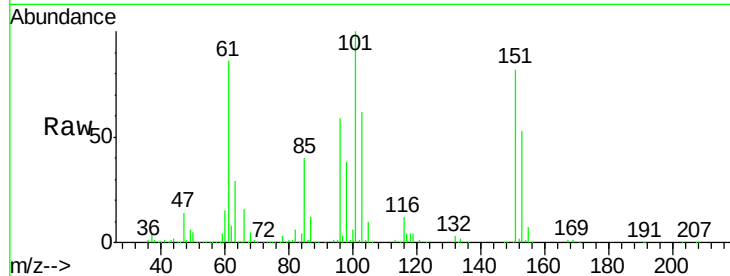
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.838 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX017032.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	137093		
85	42.5	33.5	50.3	
151	81.4	63.8	95.6	

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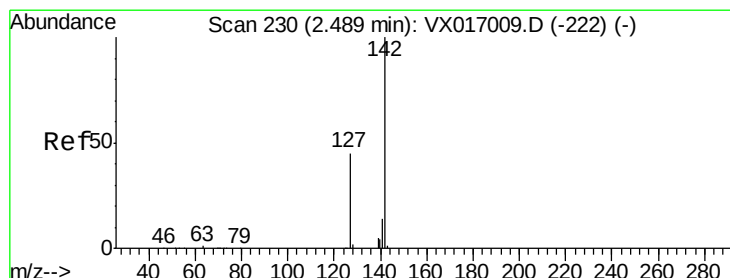
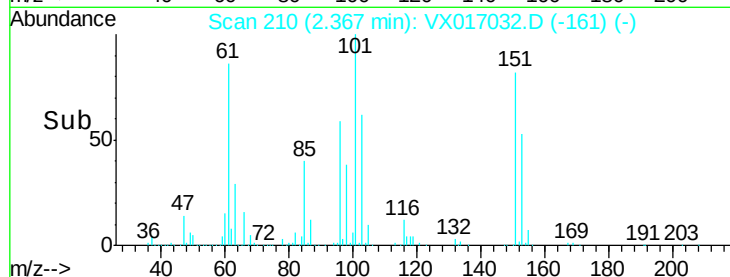
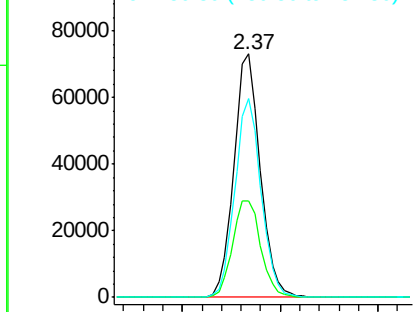


Abundance

Ion 100.90 (100.60 to 101.60): V

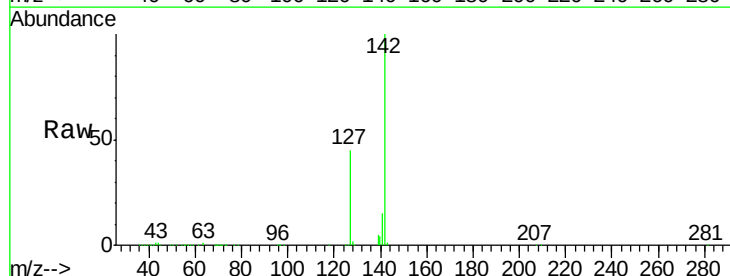
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 50.638 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	187252		
127	44.8	36.6	54.8	
141	14.4	11.6	17.4	

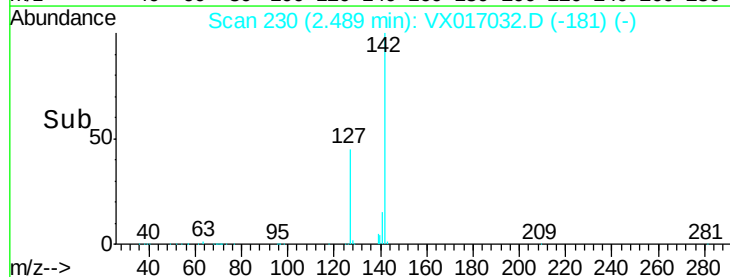
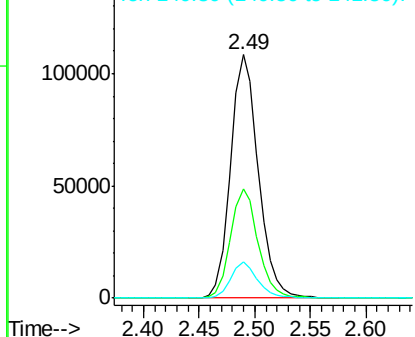


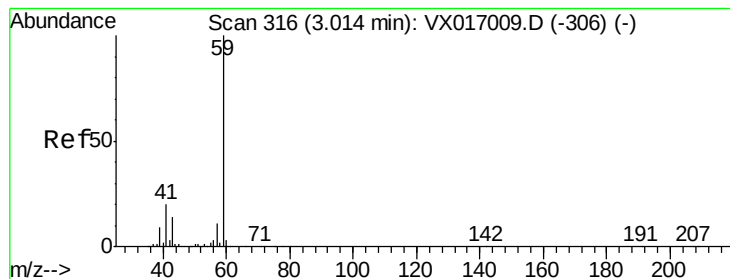
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

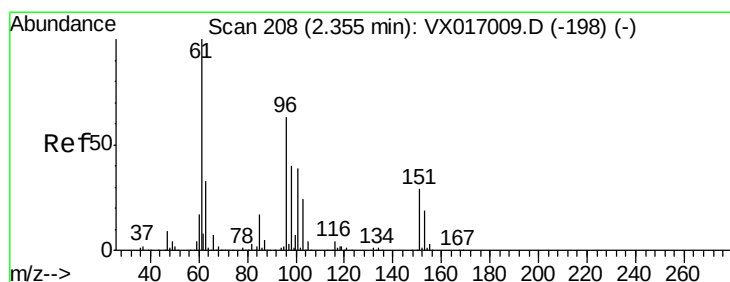
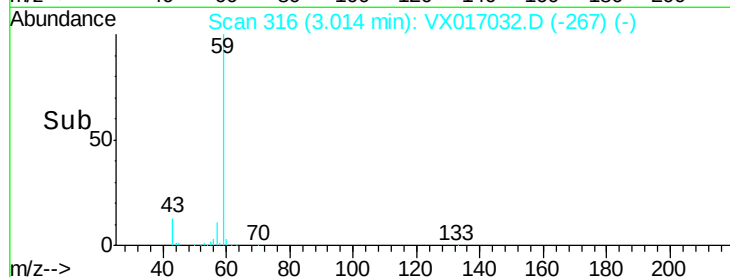
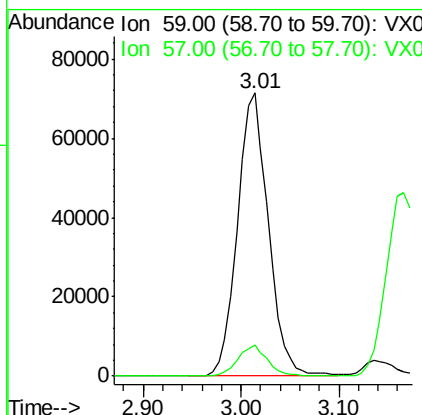
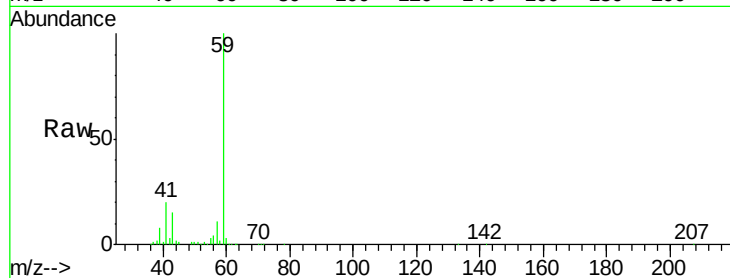
Tert butyl alcohol
Concen: 223.868 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	156664
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.2

Manual Integrations
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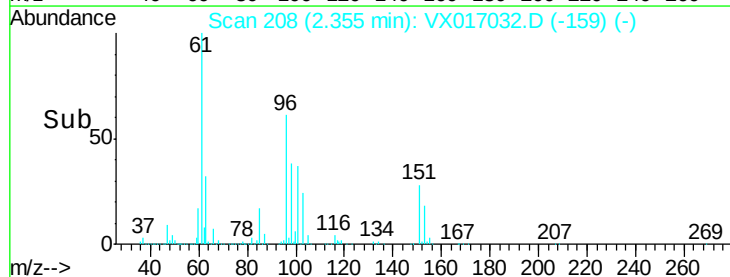
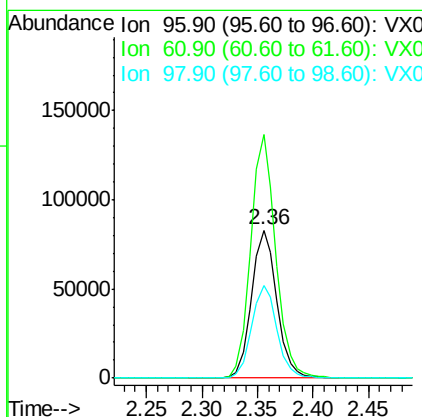
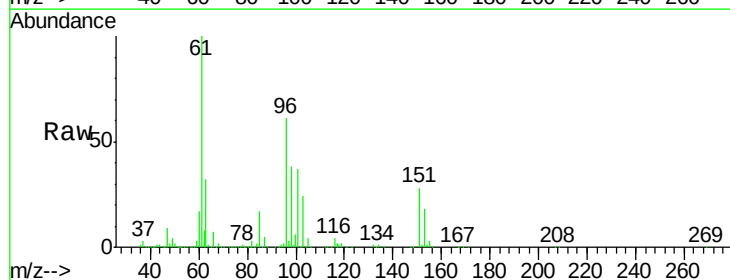
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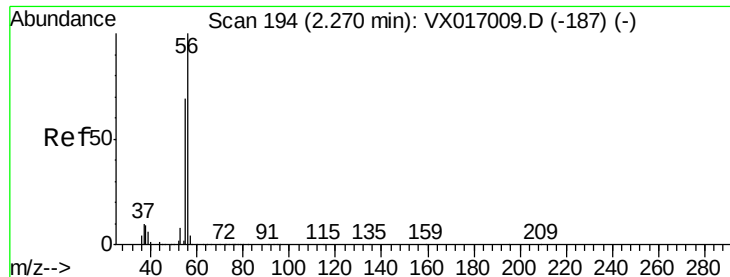


#12

1,1-Dichloroethene
Concen: 44.675 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	96	Resp	131522
Ion Ratio	100	Lower	Upper
61	164.9	126.3	189.5
98	62.6	51.0	76.6





#13

Acrolein

Concen: 223.957 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 93688

Ion Ratio Lower Upper

56 100

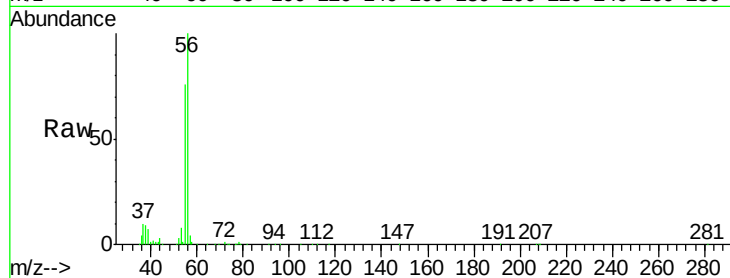
55 71.5 55.7 83.5

Manual Integrations

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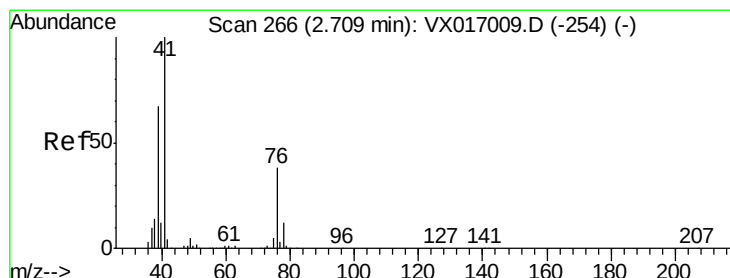
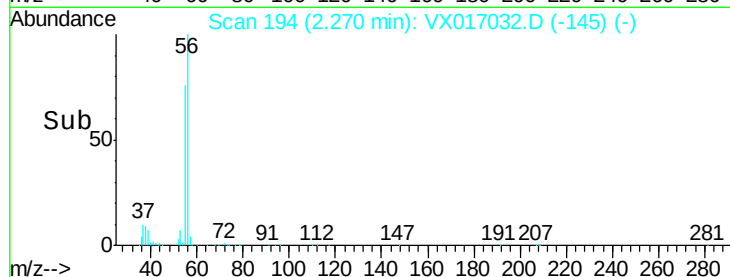
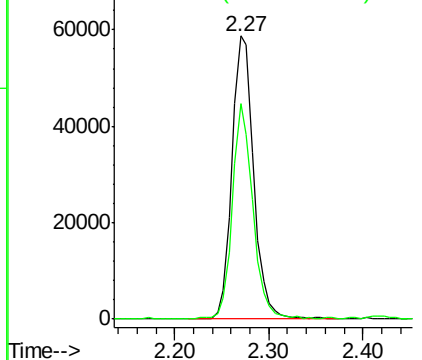
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.030 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

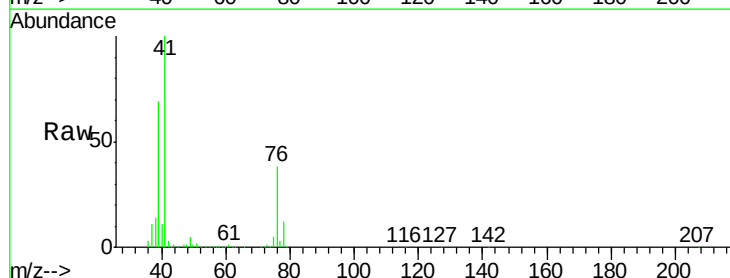
Tgt Ion: 41 Resp: 255875

Ion Ratio Lower Upper

41 100

39 63.6 49.4 74.2

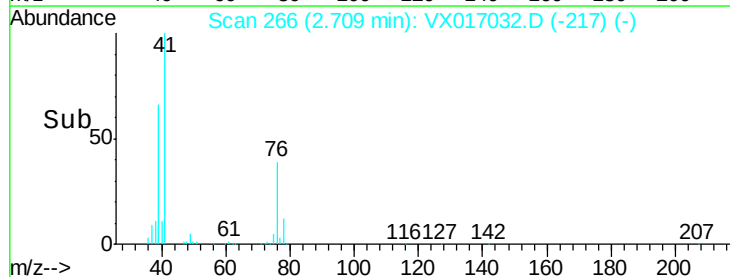
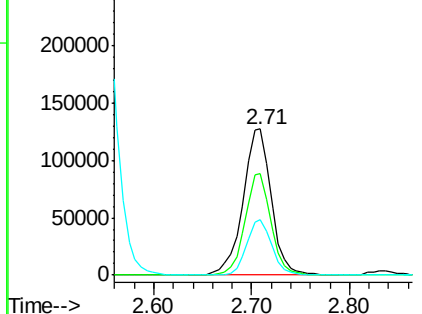
76 33.6 26.8 40.2

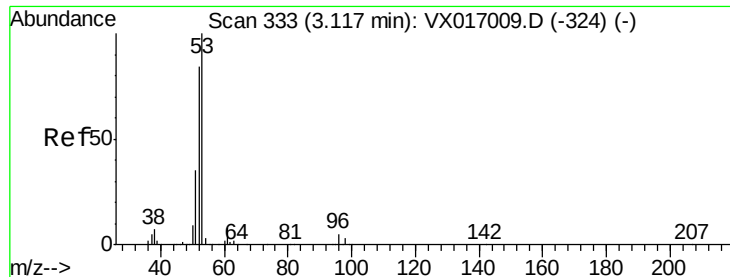


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





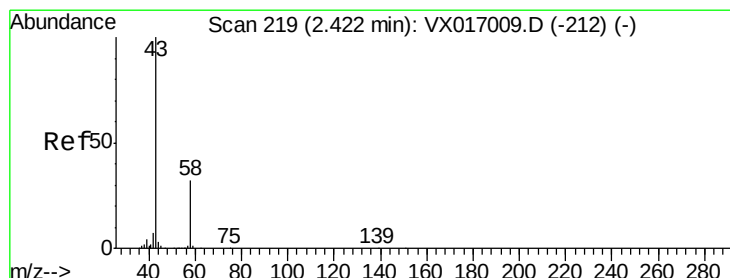
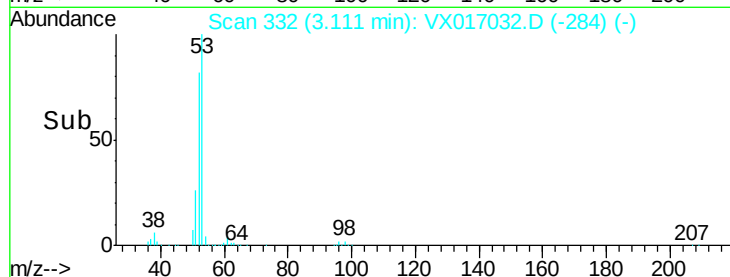
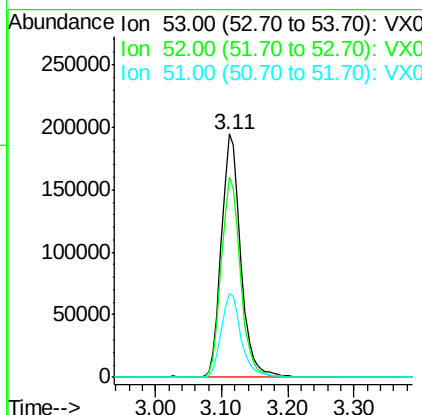
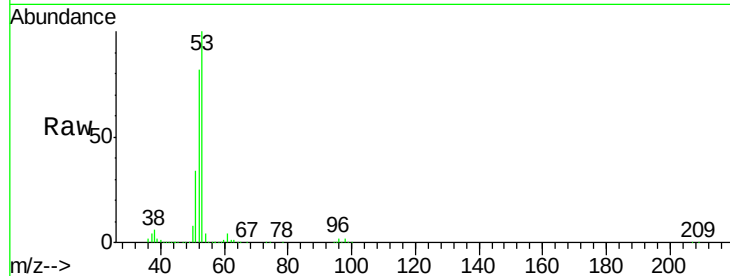
#15
 Acrylonitrile
 Concen: 234.255 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	53	Resp	394088
Ion Ratio	100	Lower	Upper
53	100		
52	81.8	65.6	98.4
51	35.6	28.3	42.5

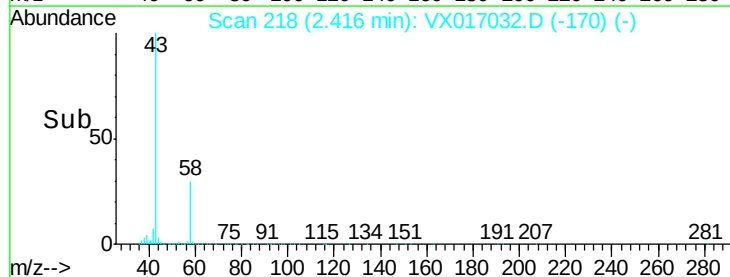
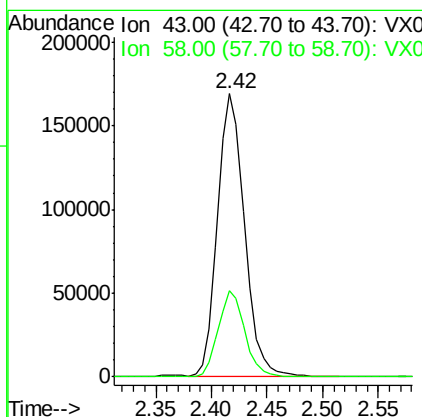
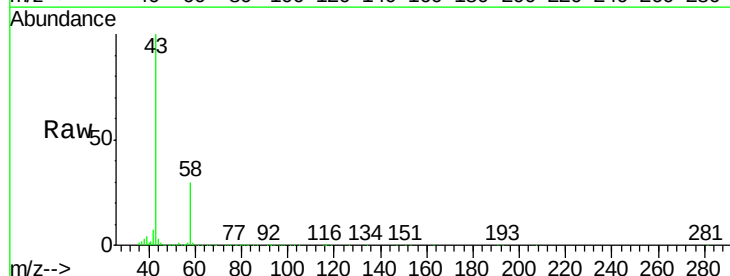
Manual Integrations
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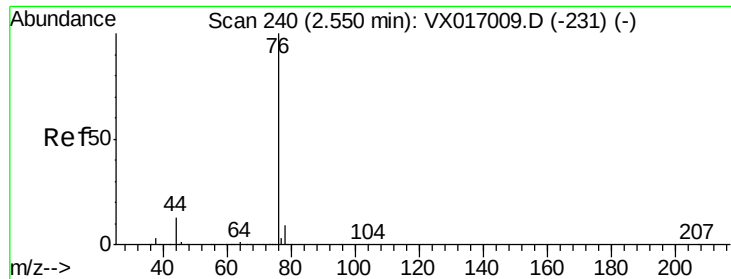
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#16
 Acetone
 Concen: 205.595 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	43	Resp	282134
Ion Ratio	100	Lower	Upper
43	100		
58	30.3	25.7	38.5





#17

Carbon Disulfide

Concen: 51.665 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 424445

Ion Ratio Lower Upper

76 100

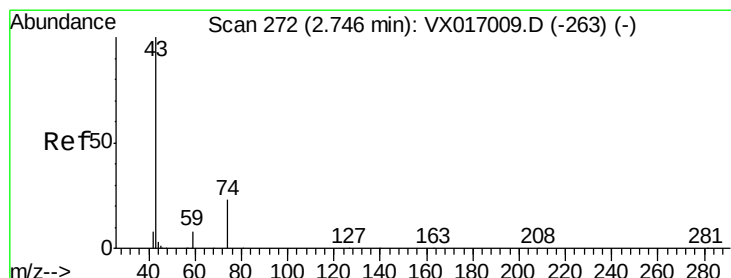
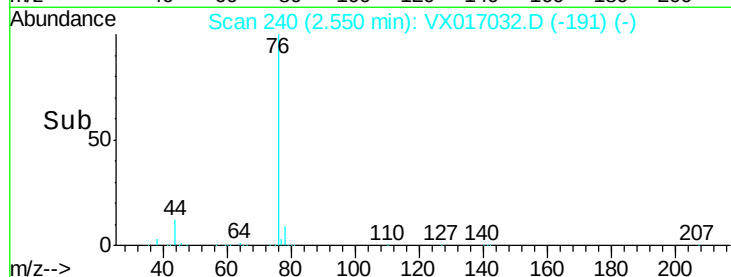
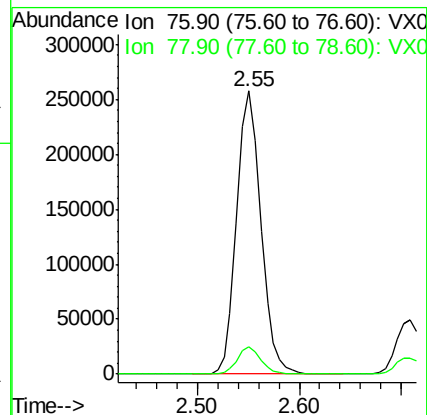
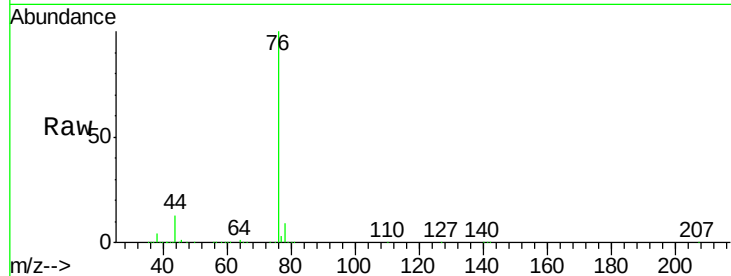
78 9.4 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 46.459 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017032.D

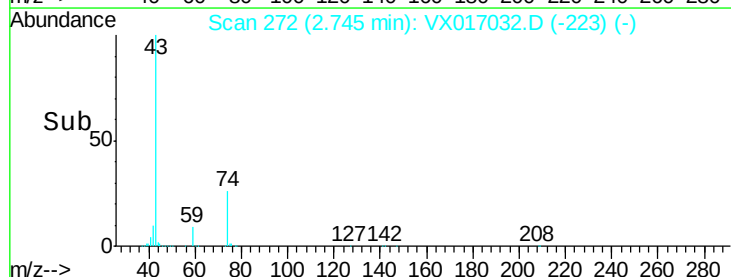
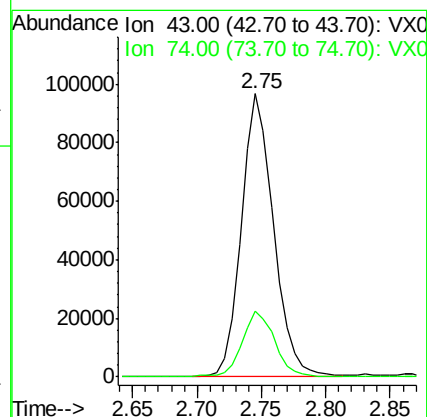
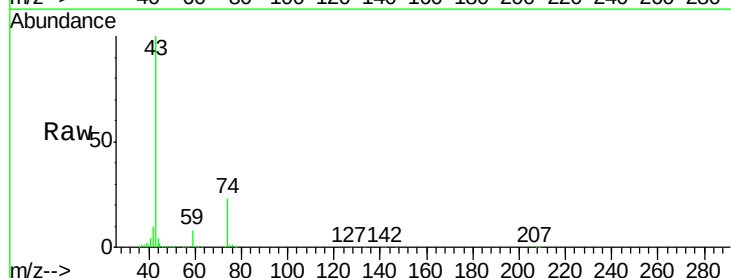
Acq: 30 Jun 2020 09:49

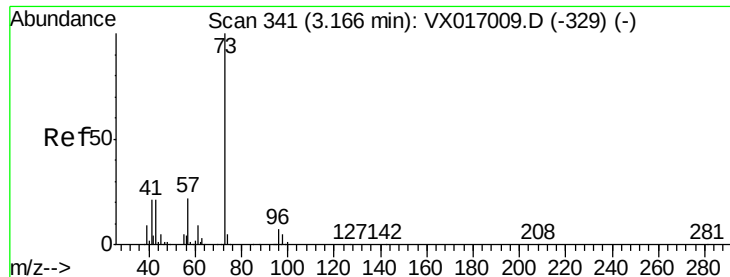
Tgt Ion: 43 Resp: 166434

Ion Ratio Lower Upper

43 100

74 23.9 19.3 28.9





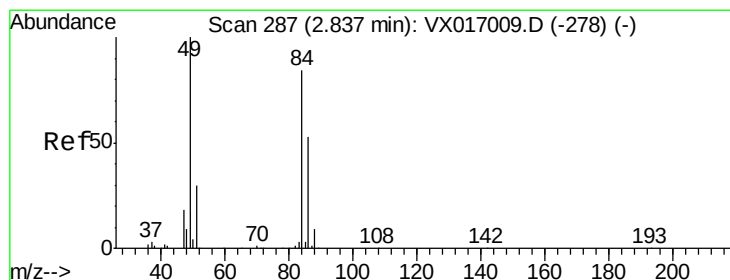
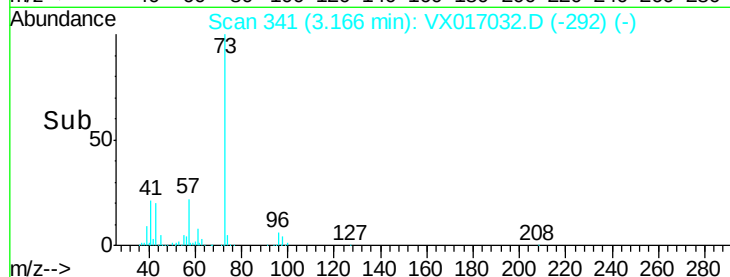
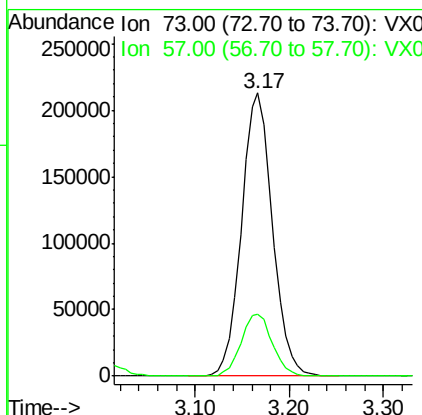
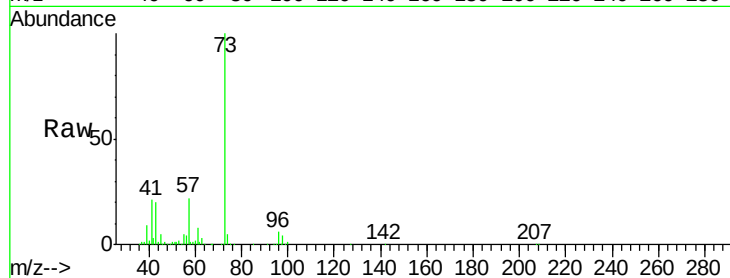
#19
Methyl tert-butyl Ether
Concen: 49.487 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	73	Resp	488954
Ion Ratio	100	Lower	Upper
73	100		
57	21.8	17.6	26.4

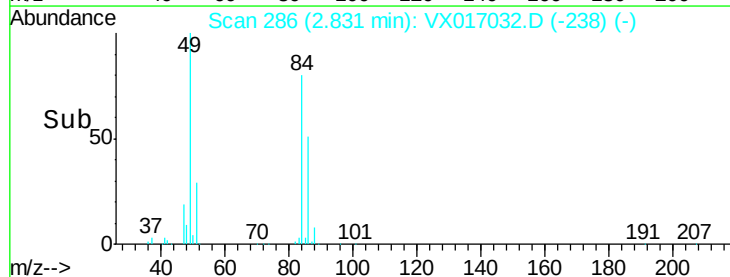
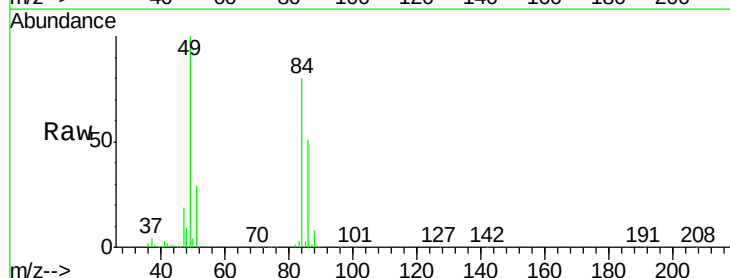
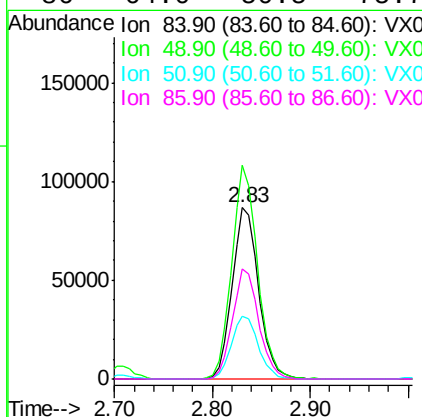
Manual Integrations
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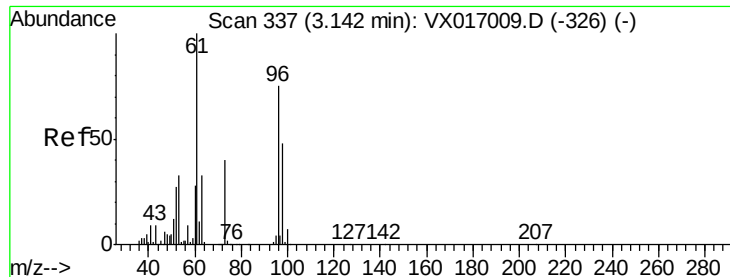
MMDadoda
7/1/2020 10:49:09 AM



#20
Methylene Chloride
Concen: 51.724 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	84	Resp	162705
Ion Ratio	100	Lower	Upper
84	100		
49	124.6	94.7	142.1
51	36.5	28.6	42.8
86	64.0	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 49.513 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

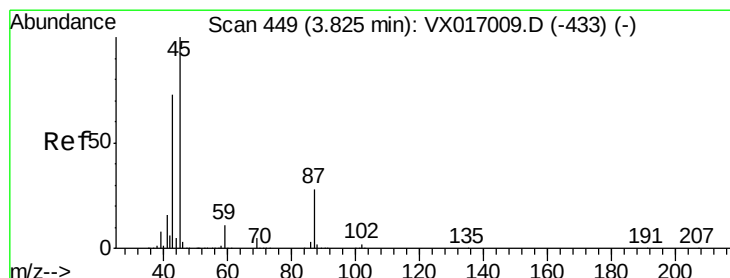
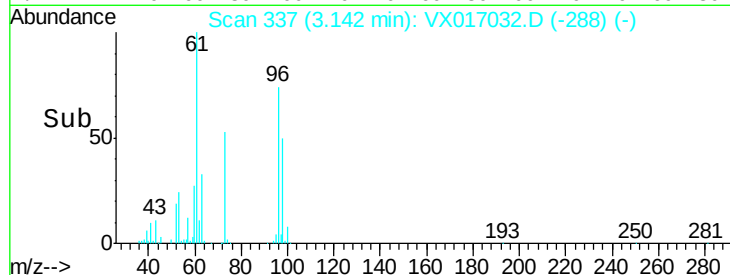
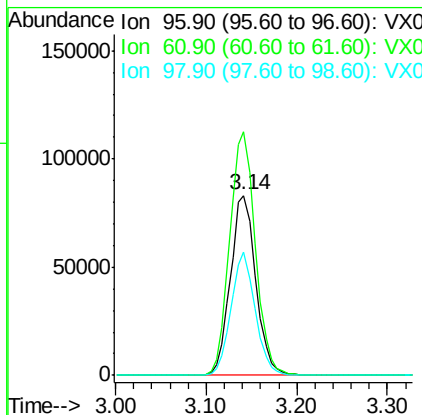
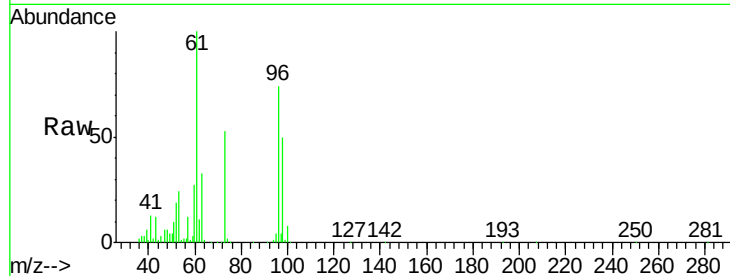
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	161760
Ion	Ratio	Lower	Upper
96	100		
61	135.2	107.0	160.6
98	68.2	51.6	77.4

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#22

Diisopropyl ether

Concen: 50.501 ug/l

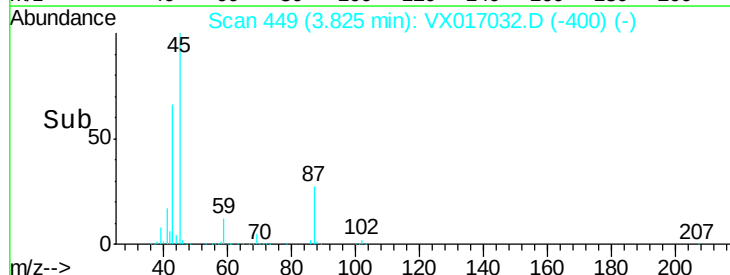
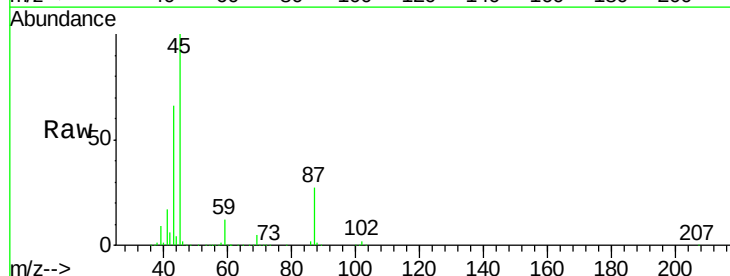
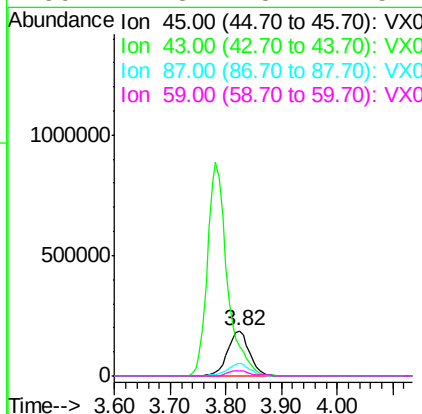
RT: 3.82 min Scan# 449

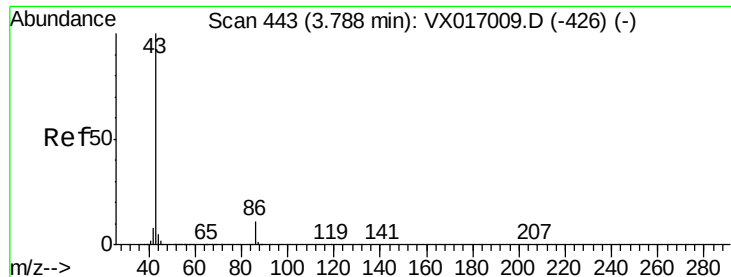
Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion:	45	Resp:	508533
Ion	Ratio	Lower	Upper
45	100		
43	65.6	58.6	88.0
87	27.1	22.6	34.0
59	11.8	8.7	13.1





#23

Vinyl Acetate

Concen: 256.047 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2215567

Ion Ratio Lower Upper

43 100

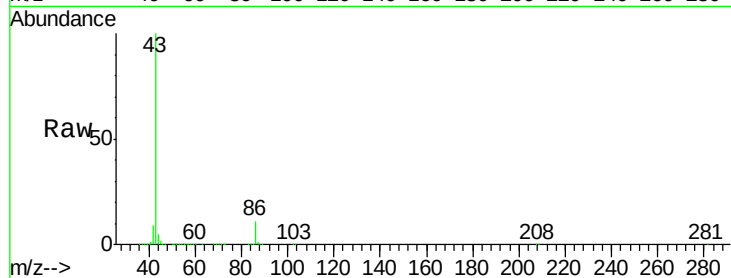
86 10.9 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

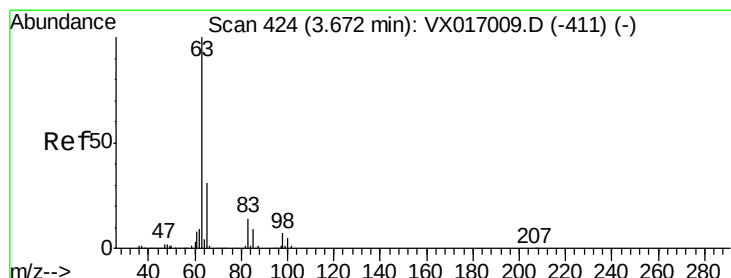
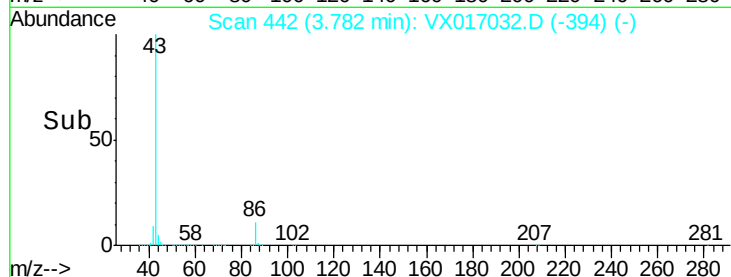
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.795 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

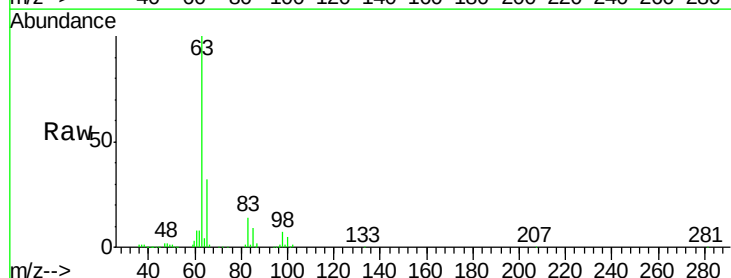
Tgt Ion: 63 Resp: 279576

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.2 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

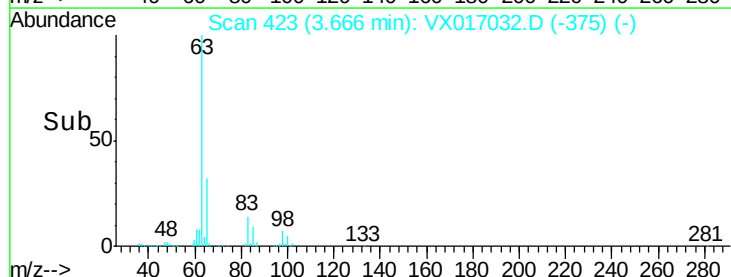
150000

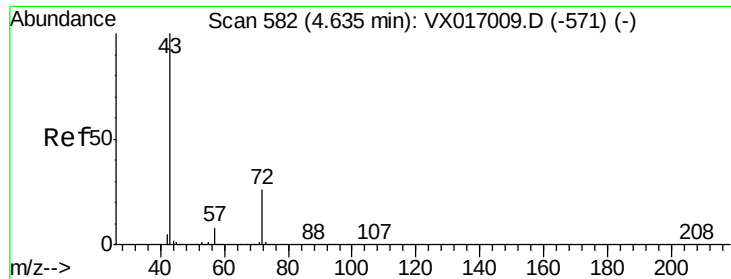
100000

50000

0

Time-->





#25

2-Butanone

Concen: 227.841 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 520976

Ion Ratio Lower Upper

43 100

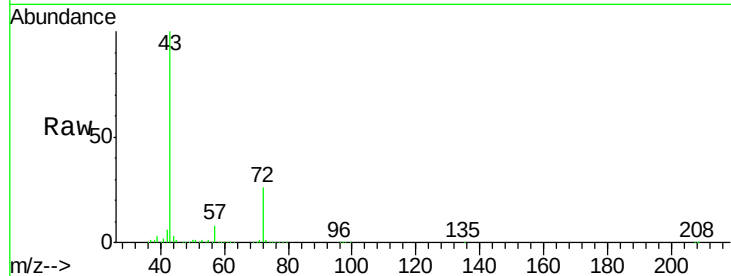
72 26.3 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

200000

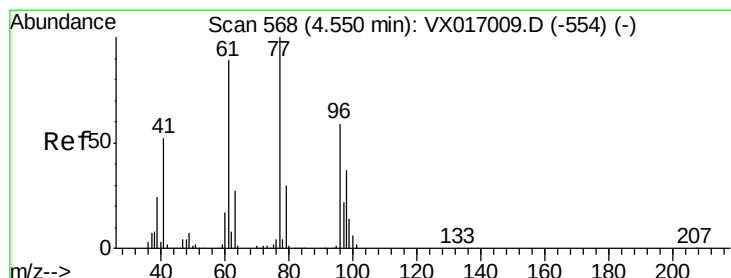
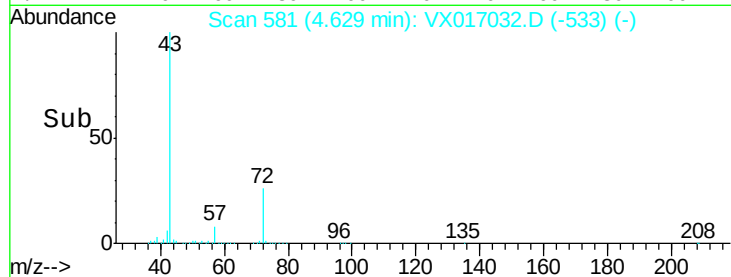
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 50.147 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017032.D

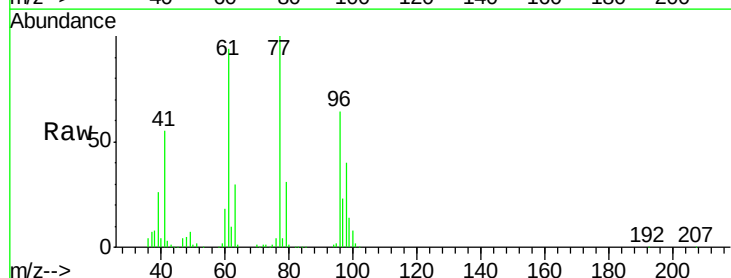
Acq: 30 Jun 2020 09:49

Tgt Ion: 77 Resp: 255117

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

80000

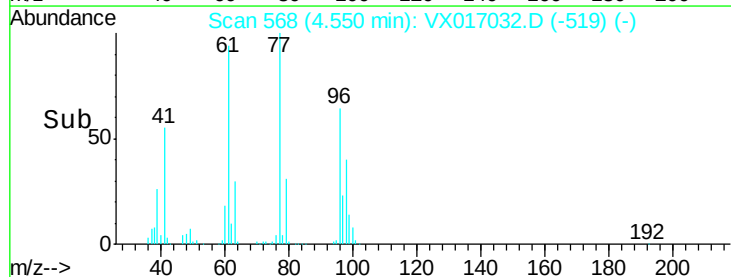
60000

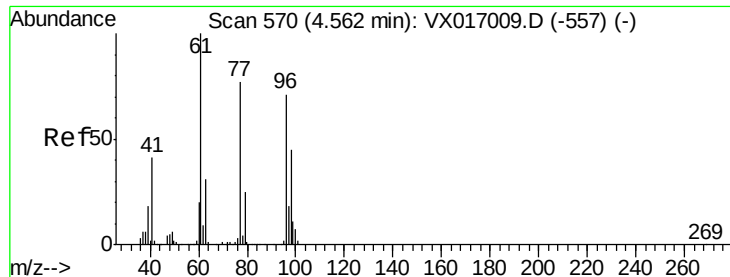
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#27

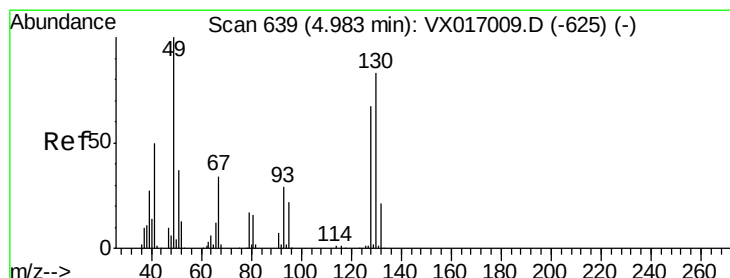
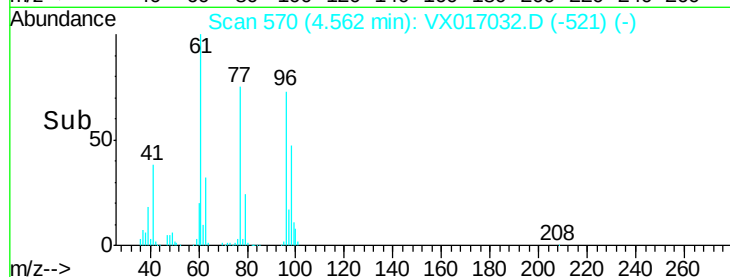
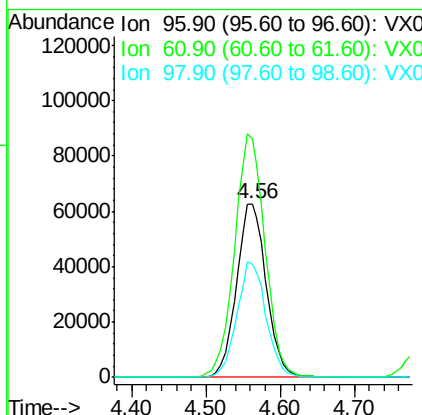
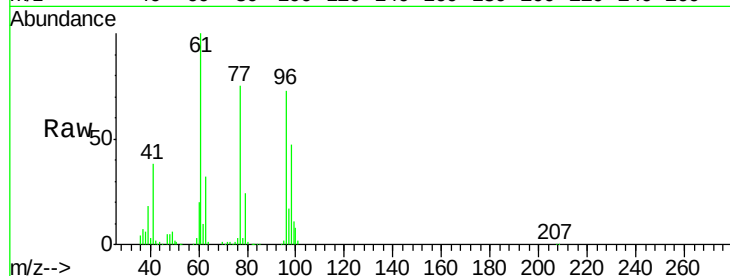
cis-1,2-Dichloroethene
Concen: 47.420 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	282.8
98	65.2	0.0	127.6

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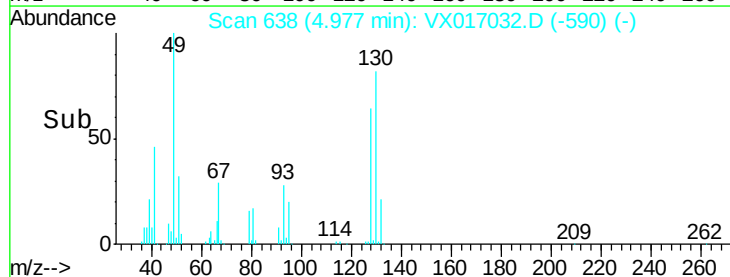
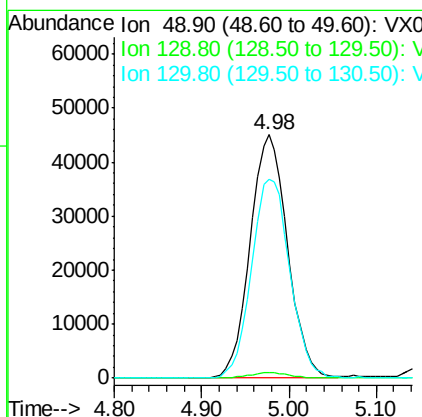
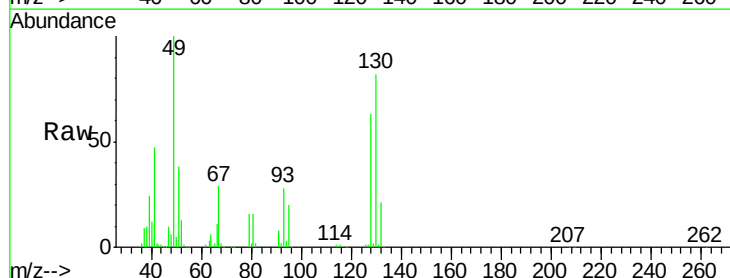
MMDadoda
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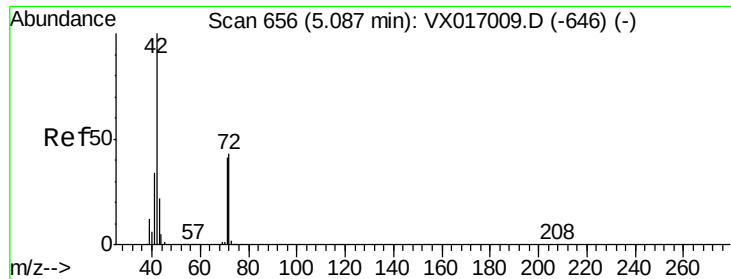


#28

Bromochloromethane
Concen: 48.133 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	83.7	66.6	100.0





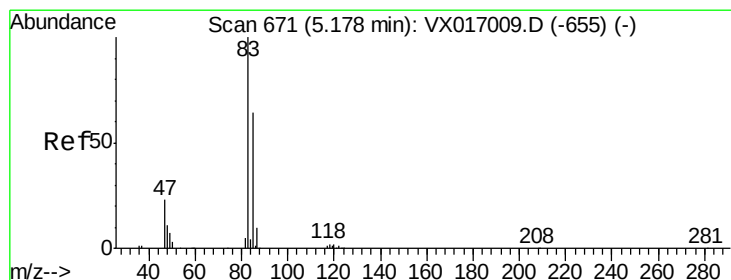
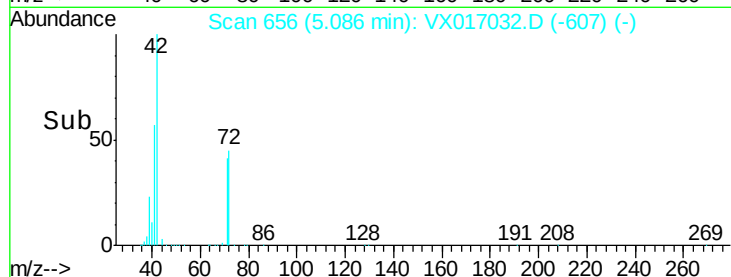
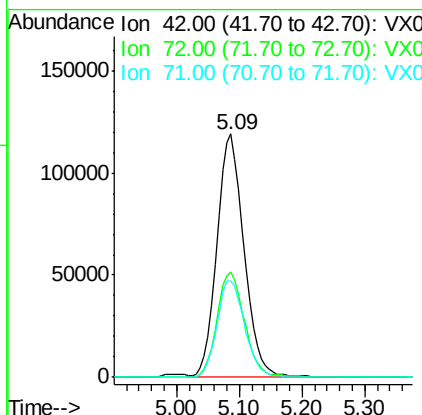
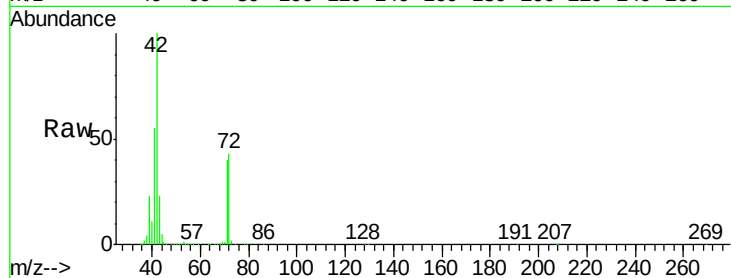
#29
Tetrahydrofuran
Concen: 234.613 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.3	52.9
71	40.7	33.1	49.7

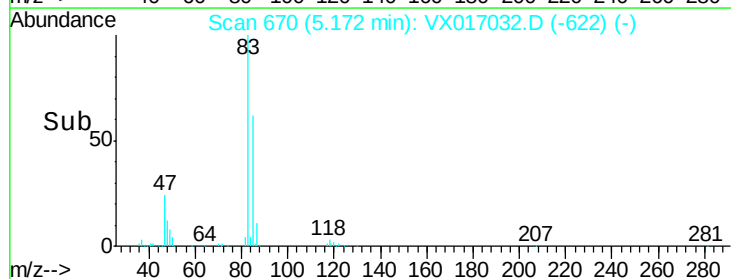
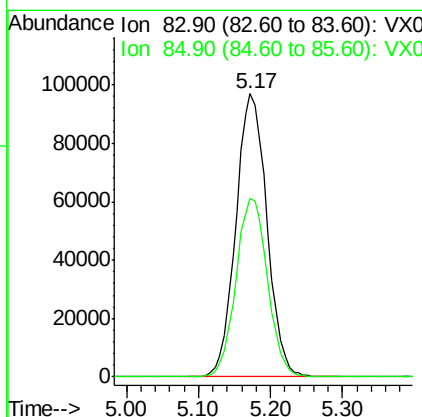
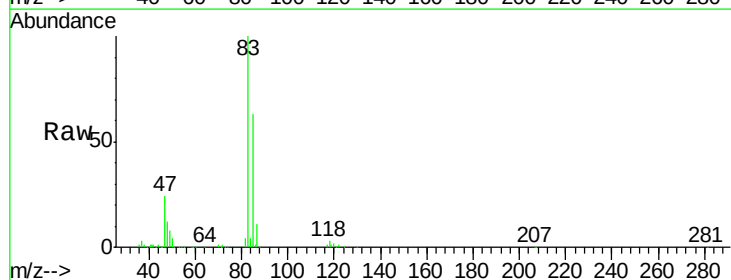
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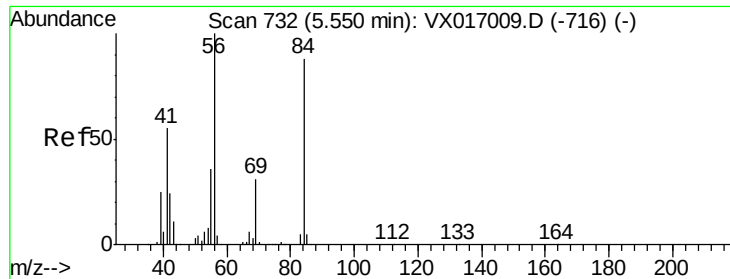
MMDadoda
7/1/2020 10:49:09 AM



#30
Chloroform
Concen: 49.340 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.2





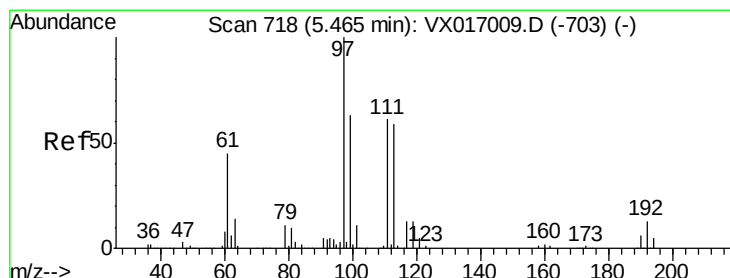
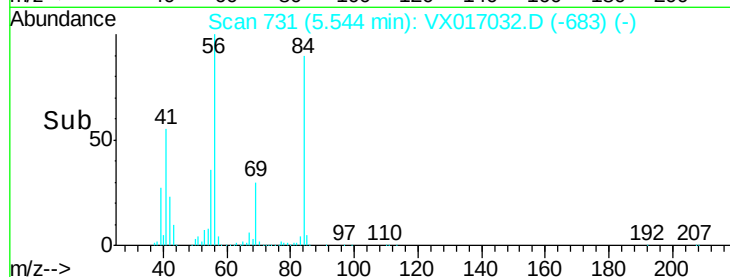
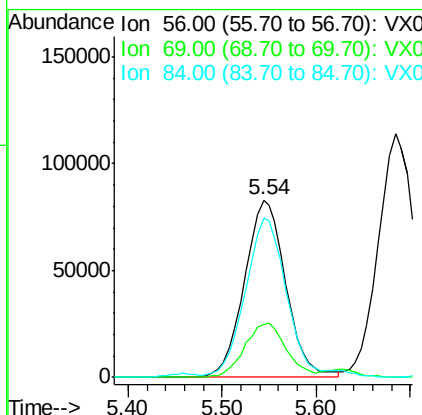
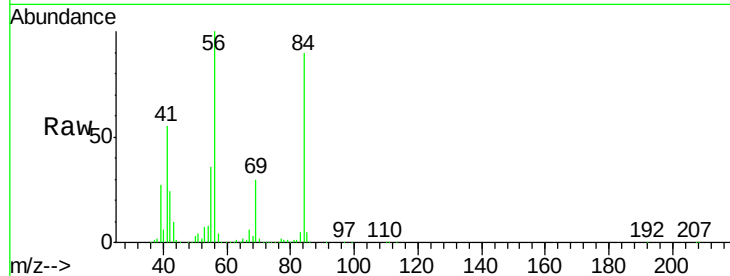
#31
Cyclohexane
Concen: 51.346 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.0	37.4
84	88.1	69.1	103.7

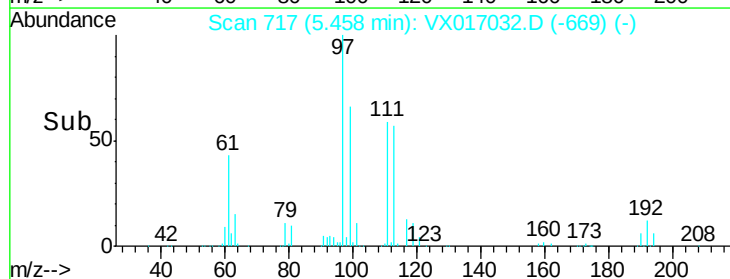
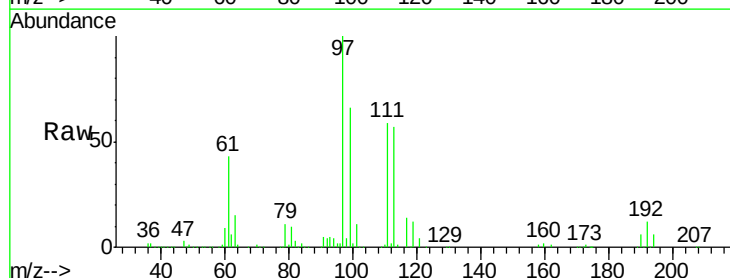
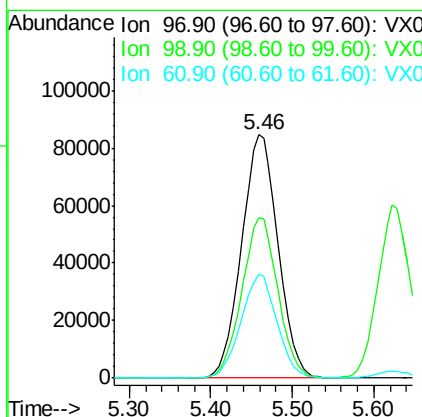
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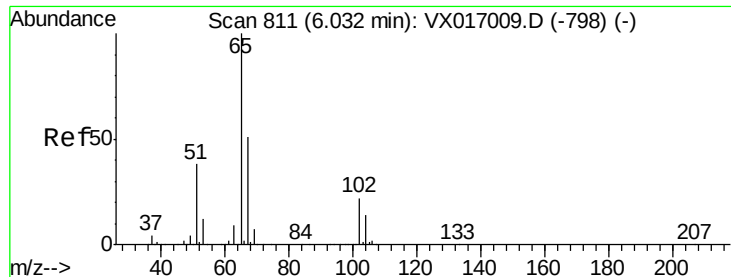
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#32
1,1,1-Trichloroethane
Concen: 48.593 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.8	76.2
61	42.3	33.7	50.5





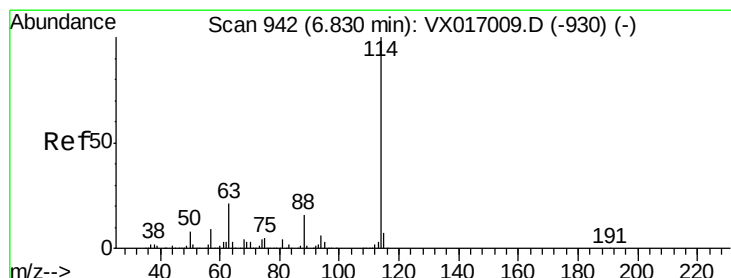
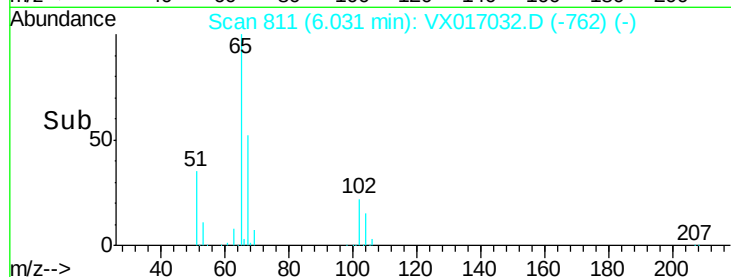
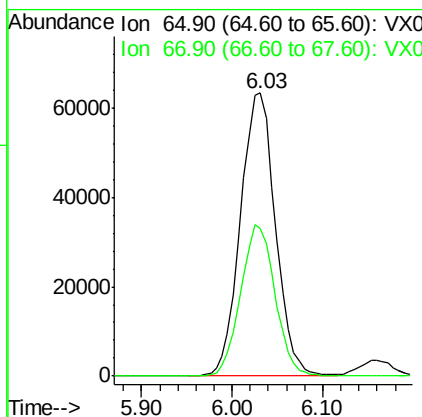
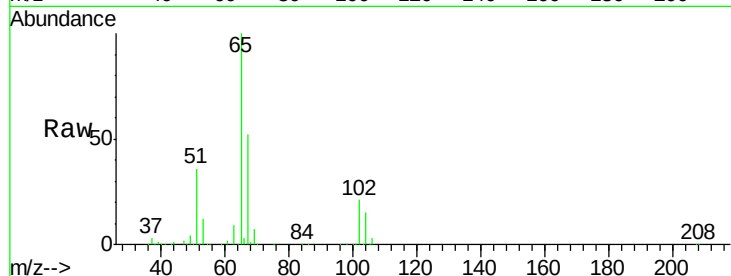
#33
 1,2-Dichloroethane-d4
 Concen: 46.186 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169426		
67	52.8	0.0	103.8	

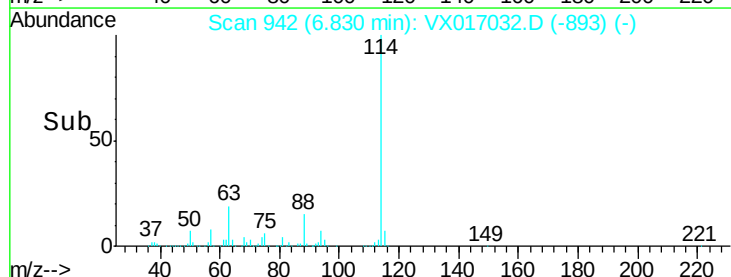
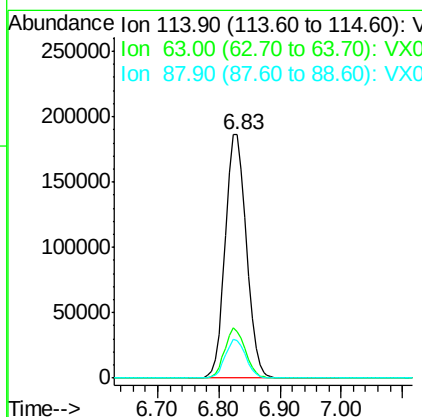
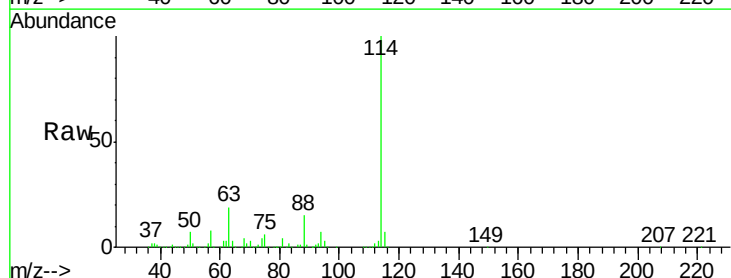
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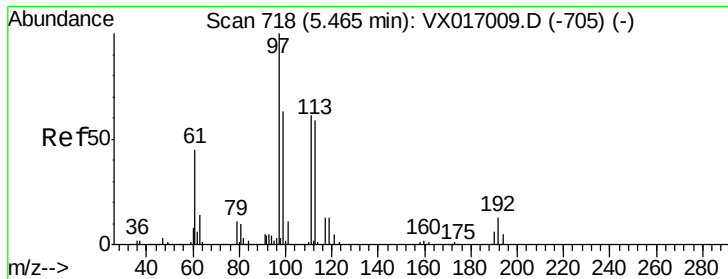
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	444379		
63	19.2	0.0	41.4	
88	15.2	0.0	32.4	





#35

Dibromofluoromethane

Concen: 50.304 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

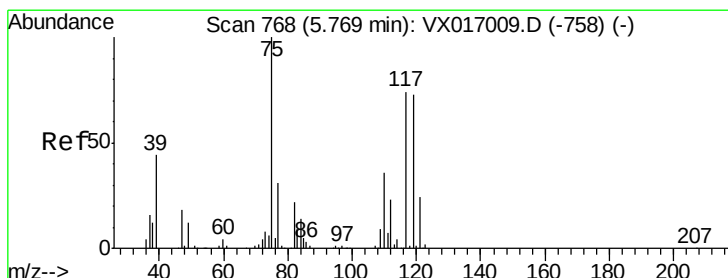
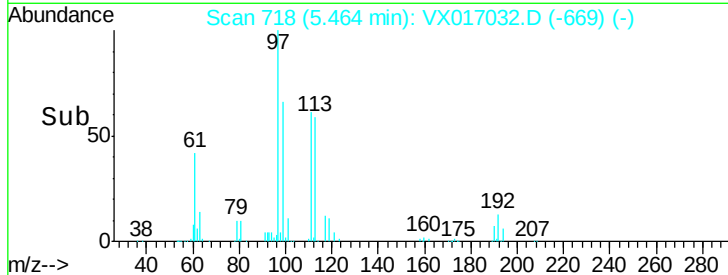
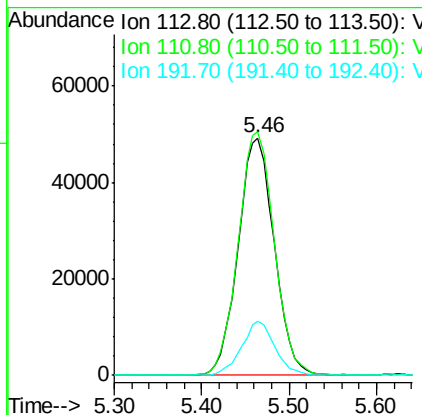
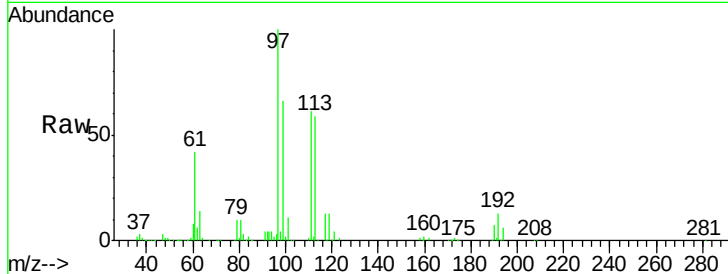
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	141405
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.9	122.9
192	21.0	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 52.359 ug/l

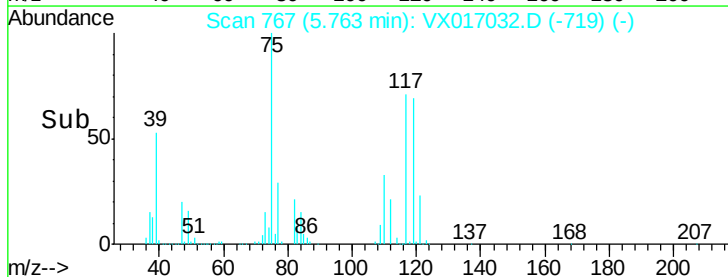
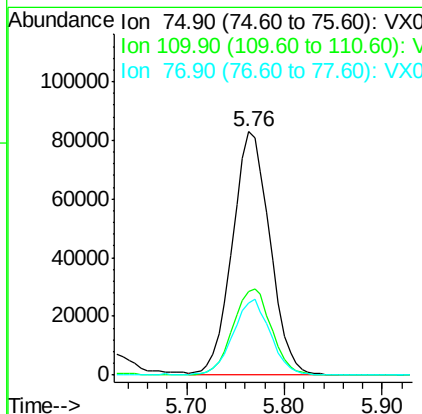
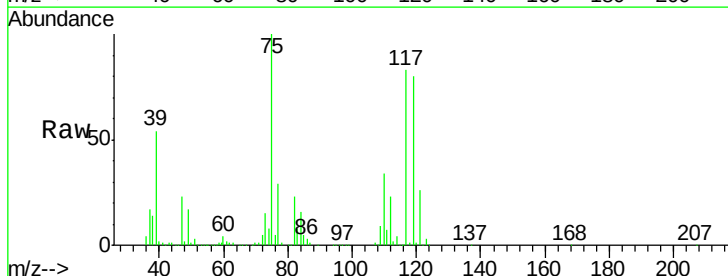
RT: 5.76 min Scan# 767

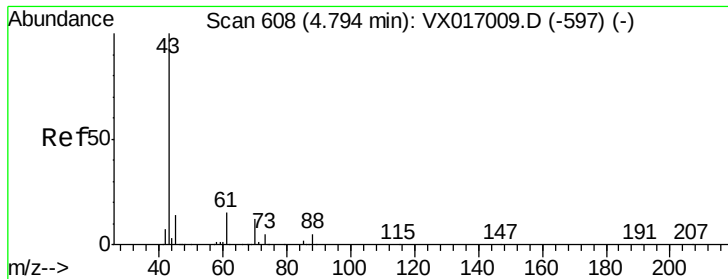
Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion:	75	Resp:	219902
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	30.9	24.6	37.0





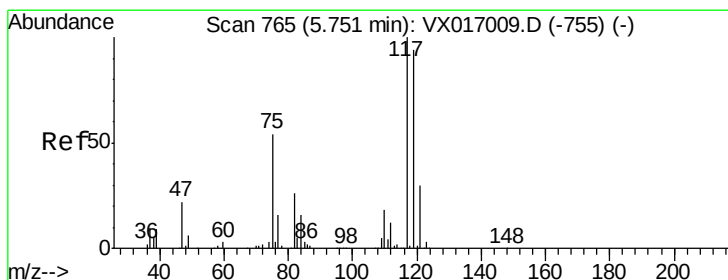
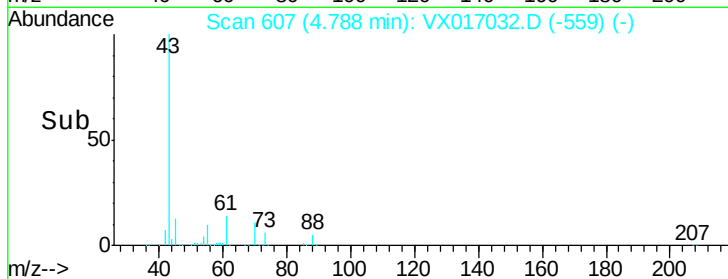
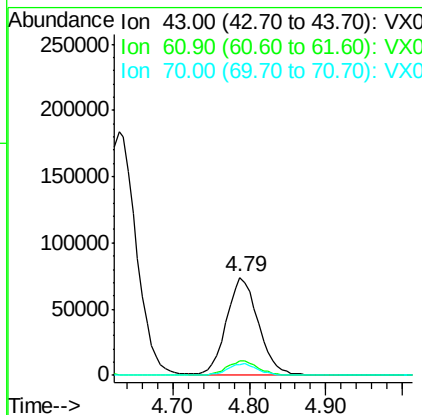
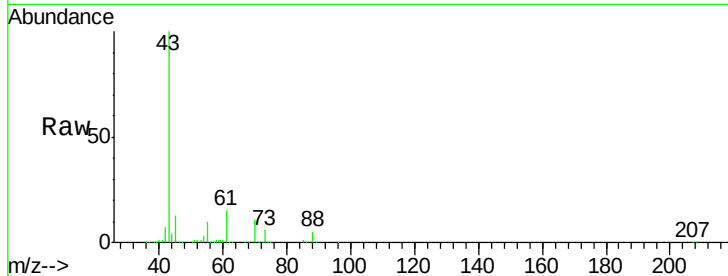
#37
Ethyl Acetate
Concen: 49.957 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.0	16.4
70	11.5	8.9	13.3

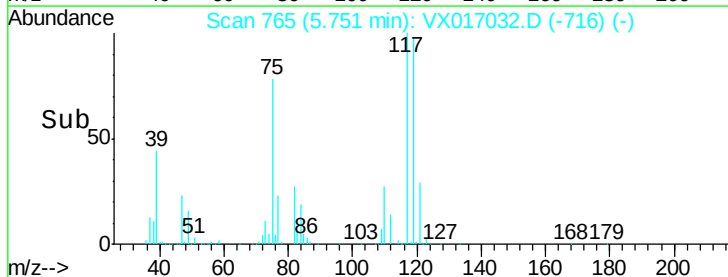
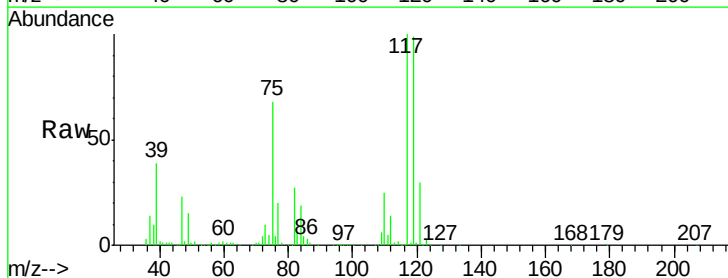
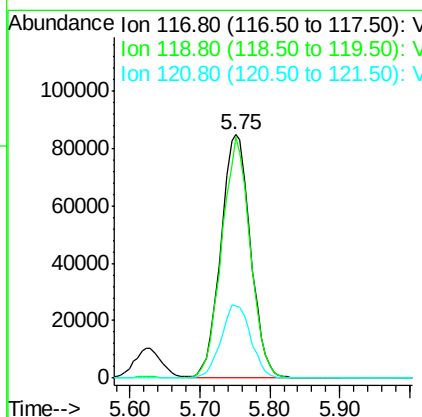
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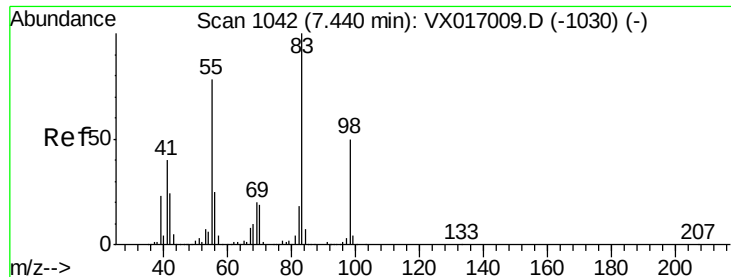
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#38
Carbon Tetrachloride
Concen: 53.987 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.4	113.0
121	29.7	23.8	35.6





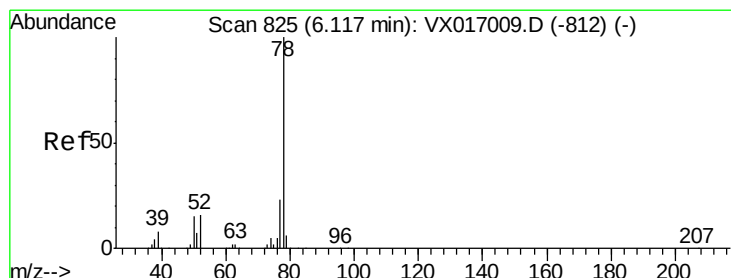
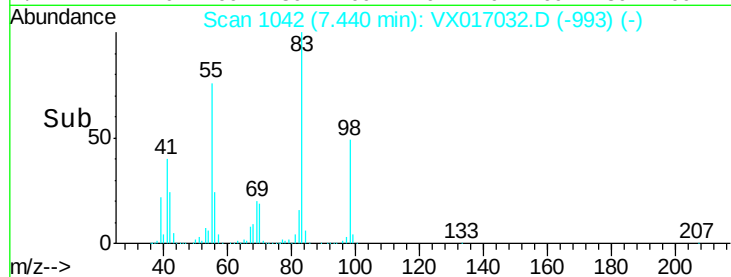
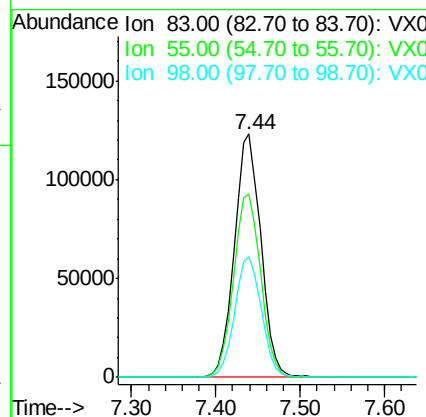
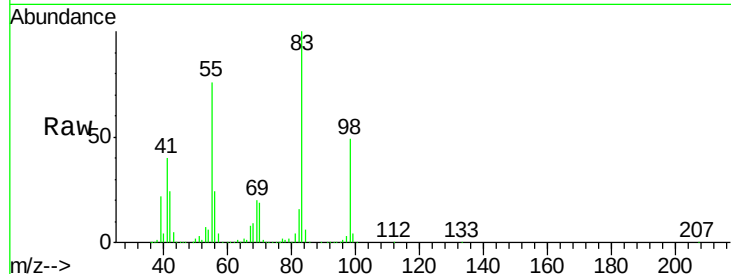
#39
Methylvlcyclohexane
Concen: 55.993 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	261654		
55	75.5		62.5	93.7
98	49.5		40.1	60.1

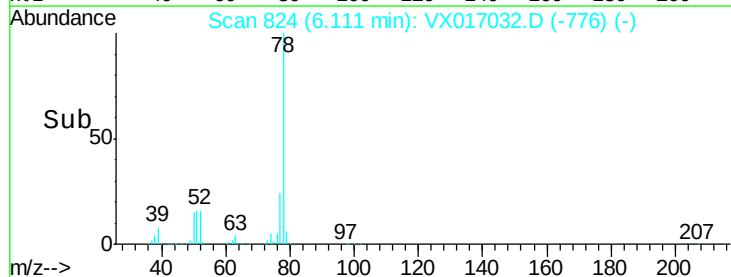
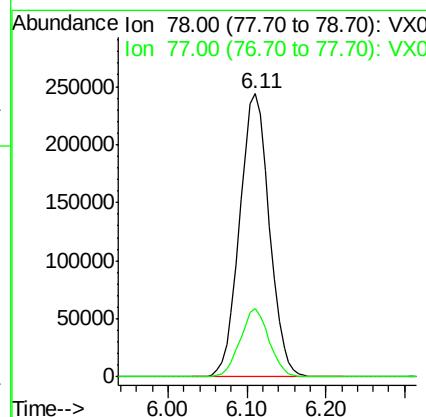
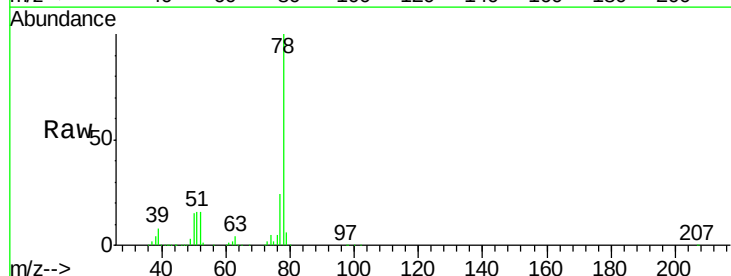
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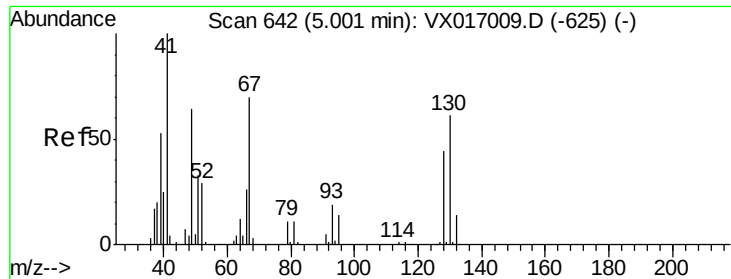
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7/1/2020 10:49:09 AM



#40
Benzene
Concen: 51.804 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	639261		
77	24.3		18.3	27.5





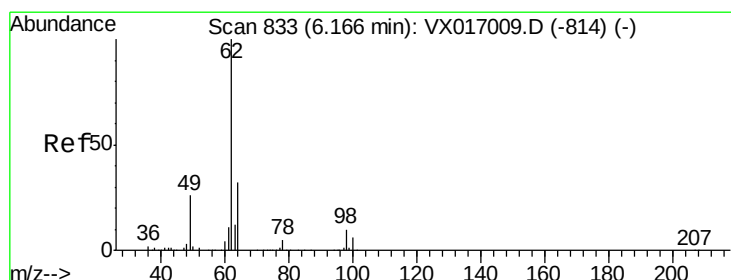
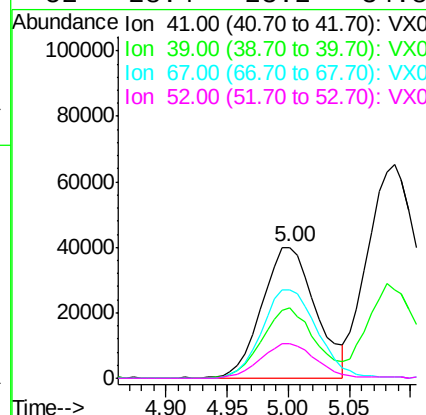
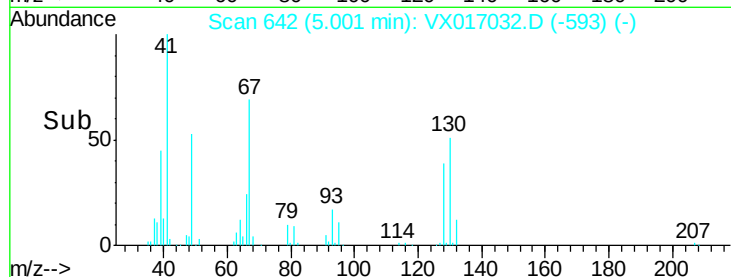
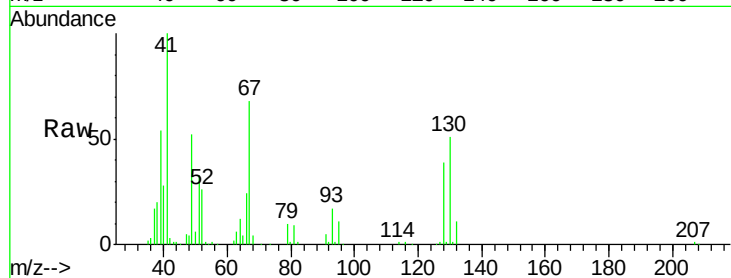
#41
Methacrylonitrile
Concen: 50.952 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.4	66.6
67	69.8	57.1	85.7
52	28.4	23.2	34.8

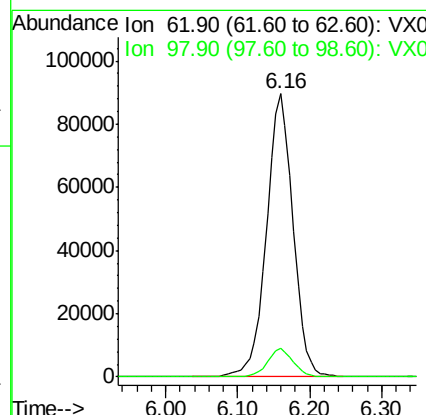
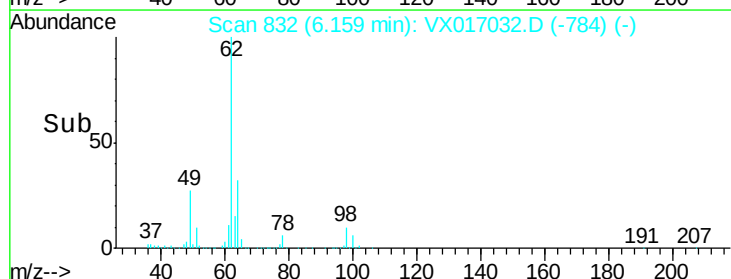
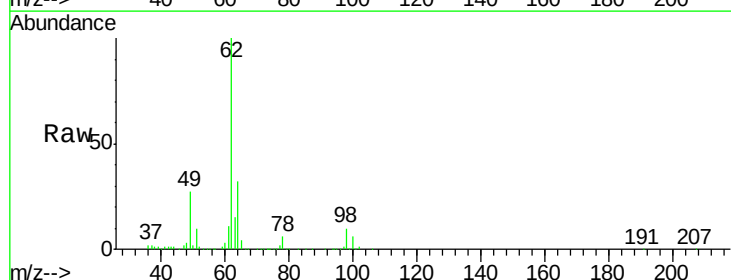
Manual Integrations
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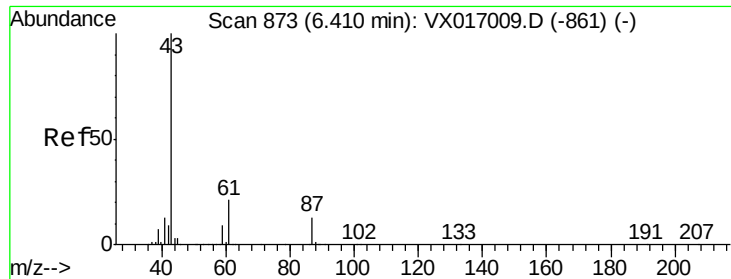
MMDadoda
7/1/2020 10:49:09 AM



#42
1,2-Dichloroethane
Concen: 51.359 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43

Isopropyl Acetate

Concen: 49.659 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

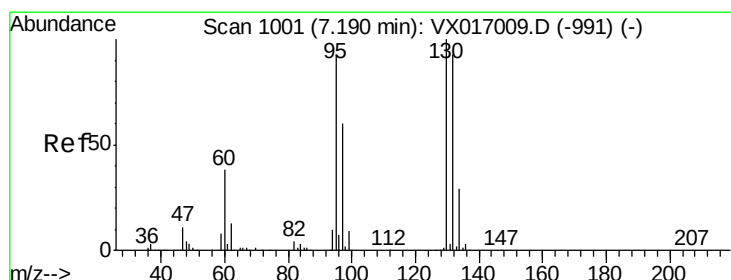
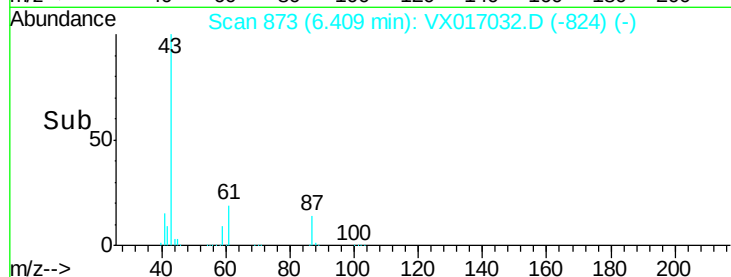
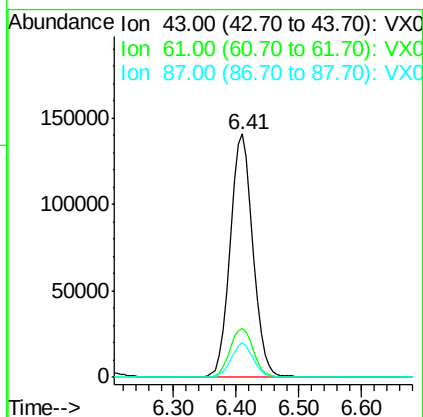
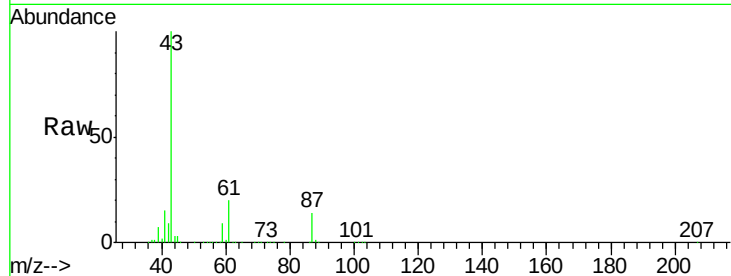
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	351636
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.2	24.2
87	13.7	10.7	16.1

Manual Integrations
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7/1/2020 10:49:09 AM



#44

Trichloroethene

Concen: 54.761 ug/l

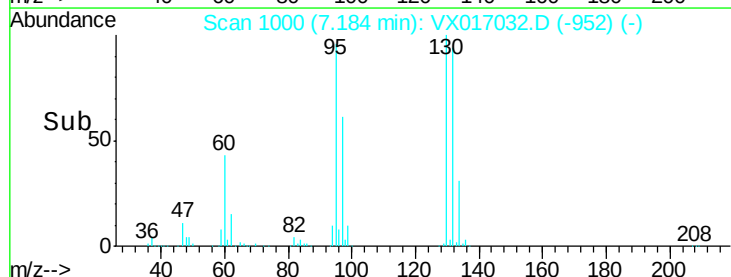
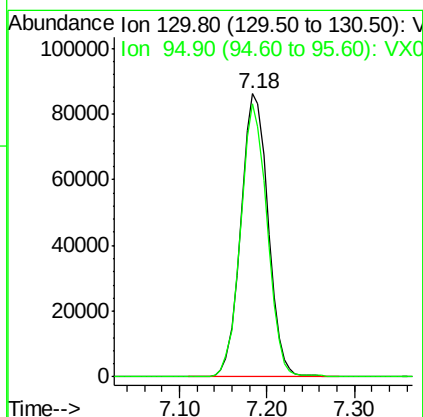
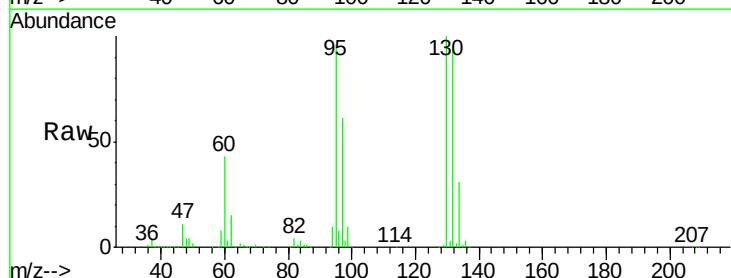
RT: 7.18 min Scan# 1000

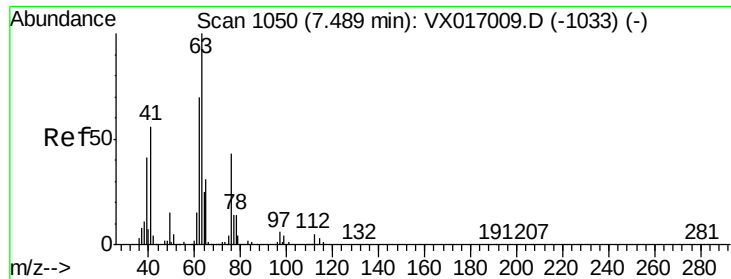
Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion:	130	Resp:	186373
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	185.0





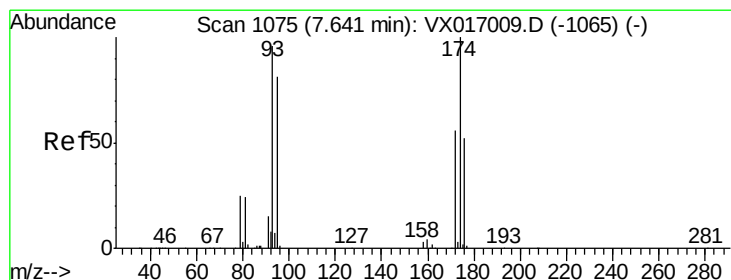
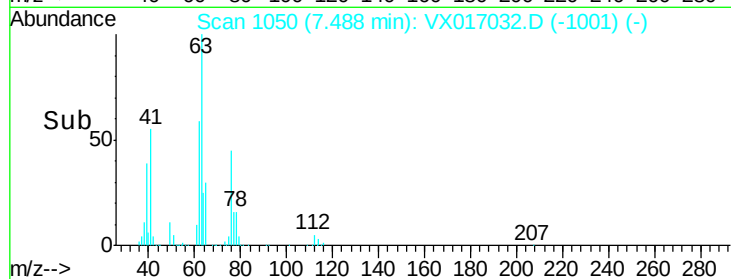
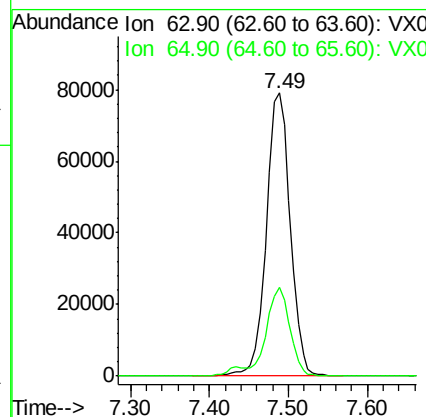
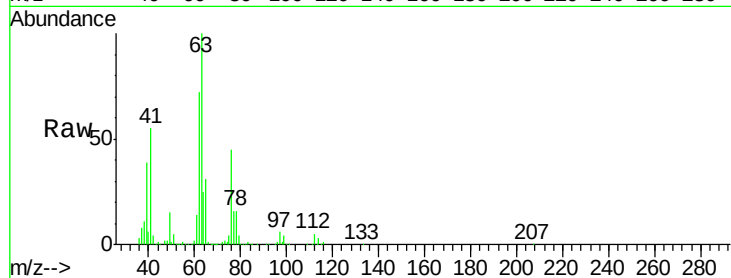
#45
 1,2-Dichloropropane
 Concen: 52.526 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	36.8

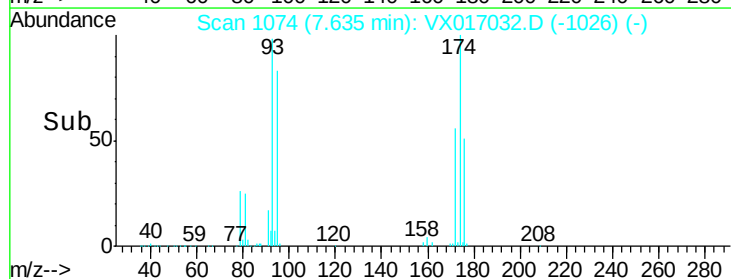
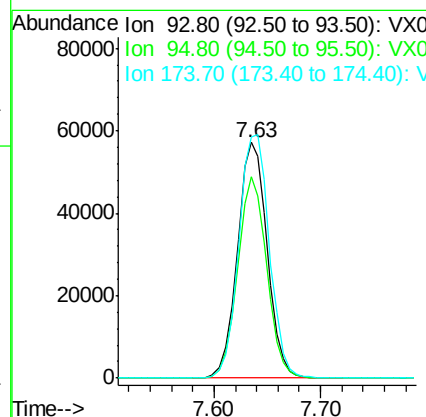
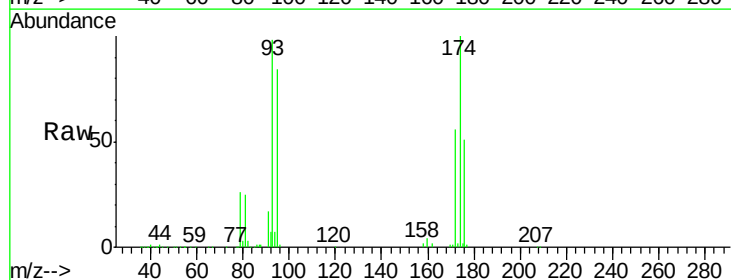
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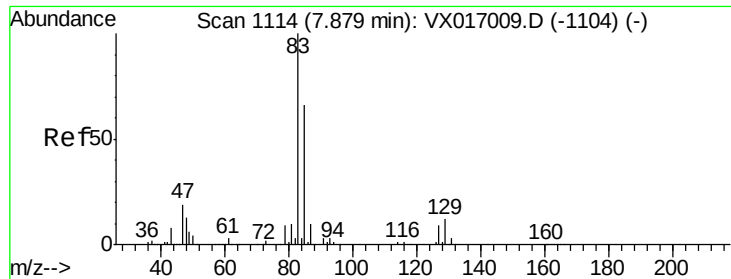
MMDadoda
 7/1/2020 10:49:09 AM



#46
 Dibromomethane
 Concen: 51.754 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.4	101.0
174	106.6	84.3	126.5





#47

Bromodichloromethane

Concen: 52.762 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

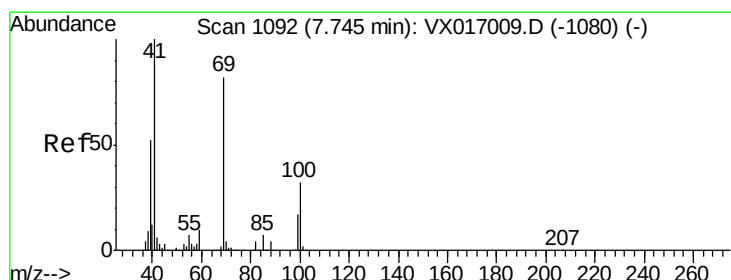
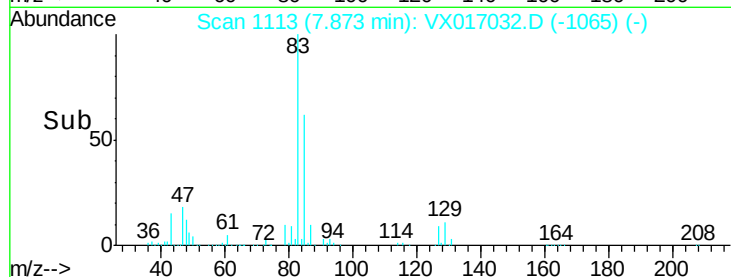
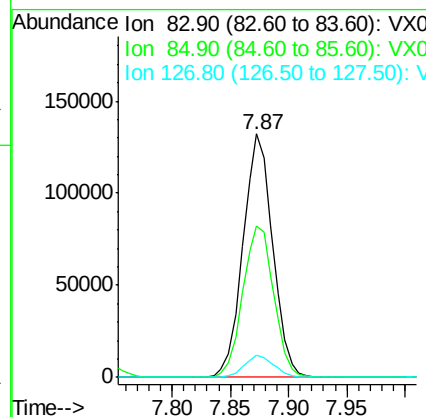
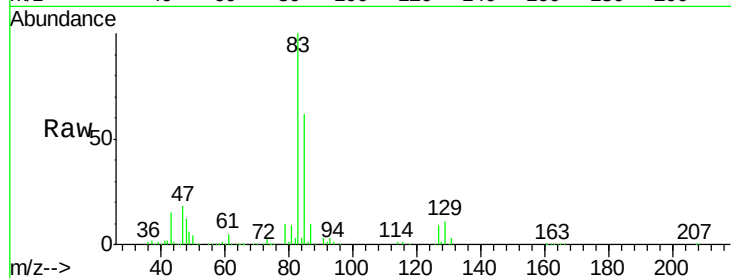
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	235280
Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.0	79.4
127	9.1	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.194 ug/l

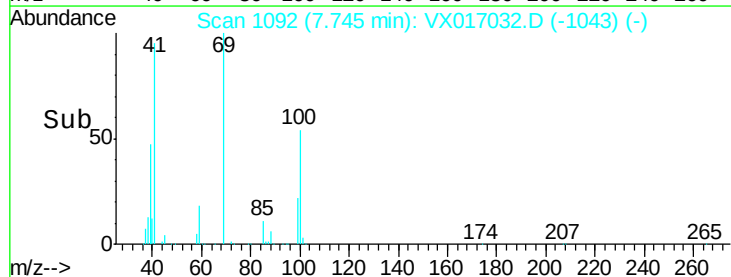
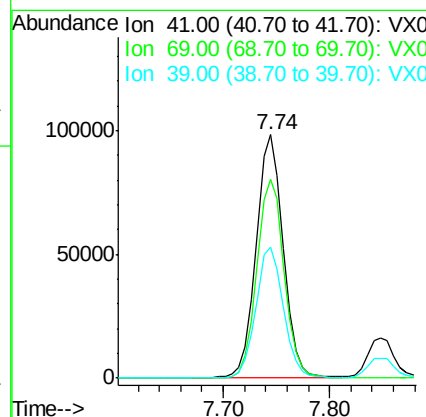
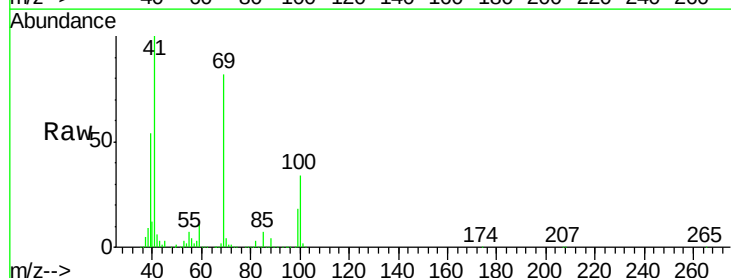
RT: 7.74 min Scan# 1092

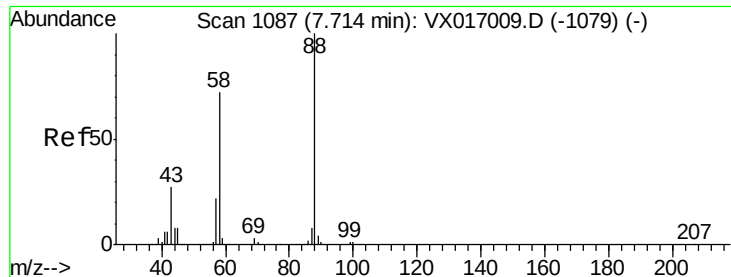
Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion:	41	Resp:	175589
Ion	Ratio	Lower	Upper
41	100		
69	82.6	65.8	98.8
39	54.6	42.5	63.7





#49

1,4-Dioxane

Concen: 991.485 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

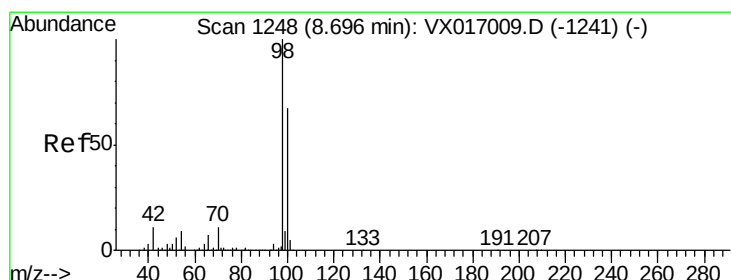
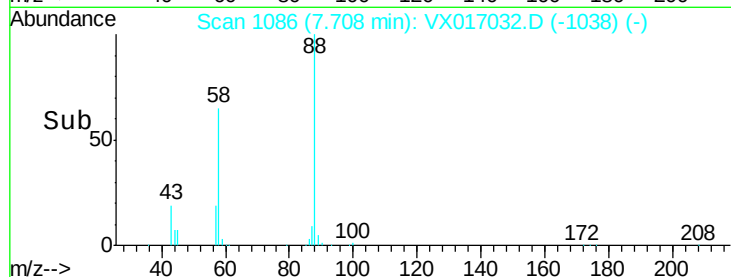
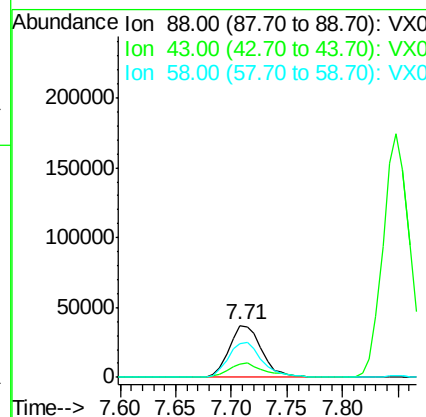
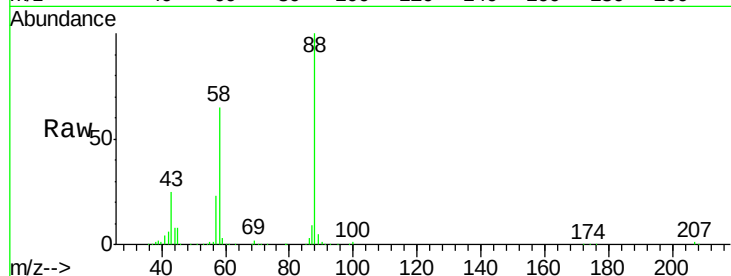
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	75565
Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.8	38.8
58	69.5	54.8	82.2

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#50

Toluene-d8

Concen: 50.056 ug/l

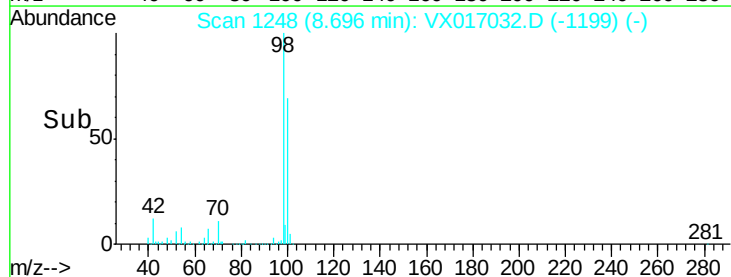
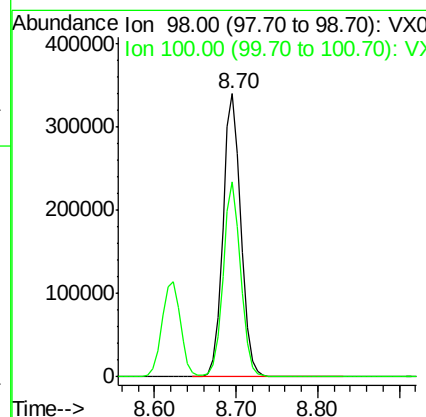
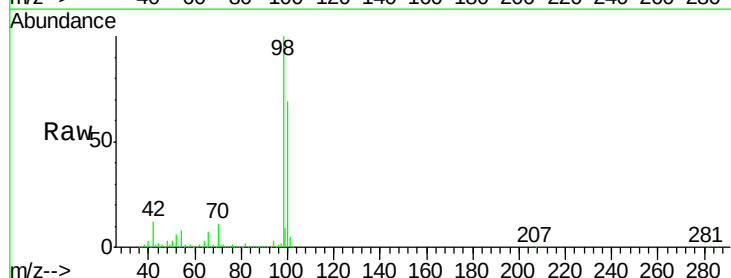
RT: 8.70 min Scan# 1248

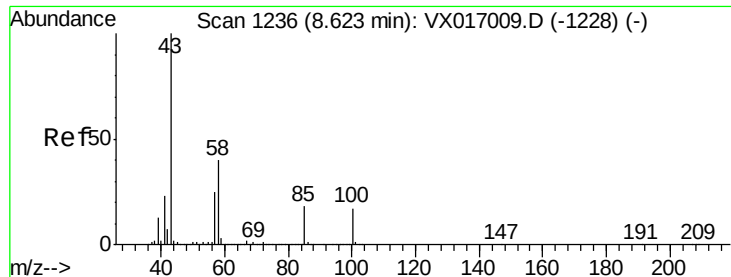
Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion:	98	Resp:	520307
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.8	80.6





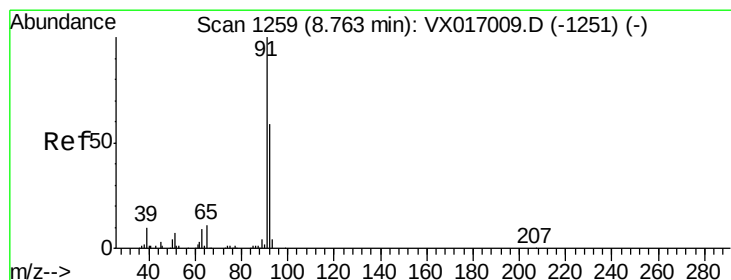
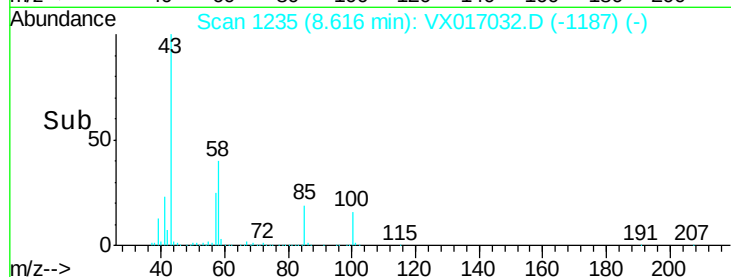
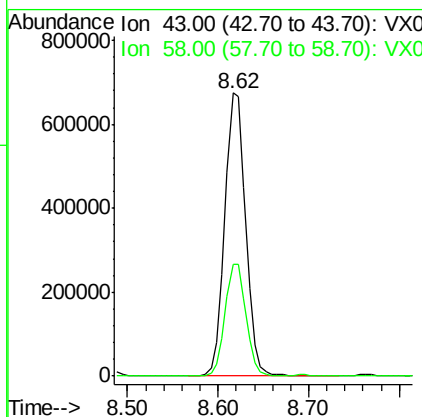
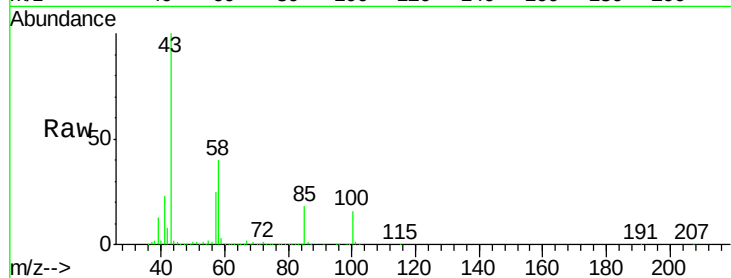
#51
4-Methyl-2-Pentanone
Concen: 256.496 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1082666
Ion Ratio Lower Upper
43 100
58 39.6 31.9 47.9

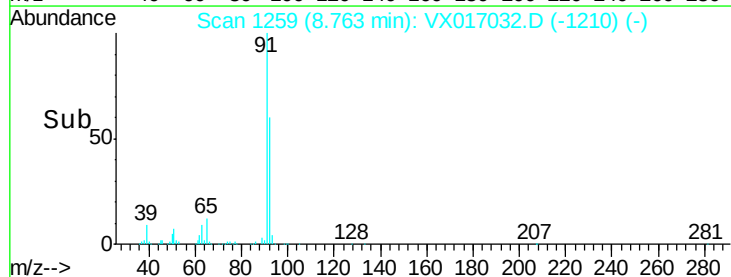
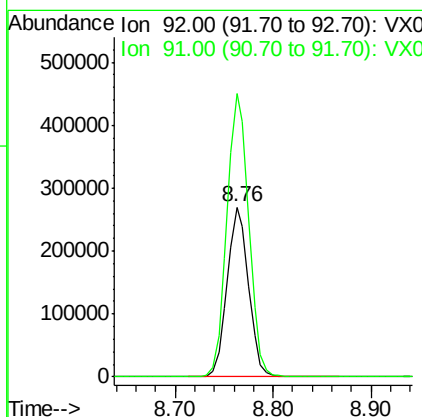
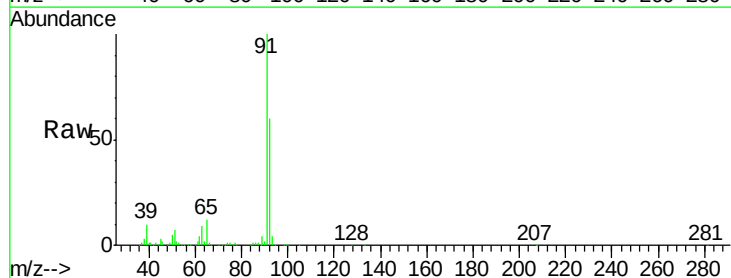
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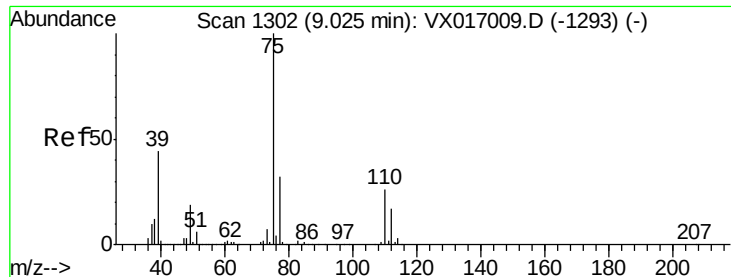
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#52
Toluene
Concen: 53.034 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 92 Resp: 408597
Ion Ratio Lower Upper
92 100
91 170.7 136.9 205.3





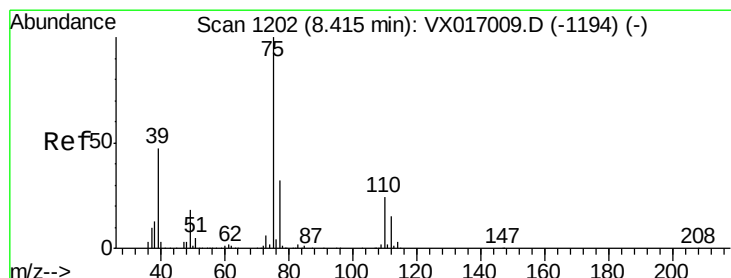
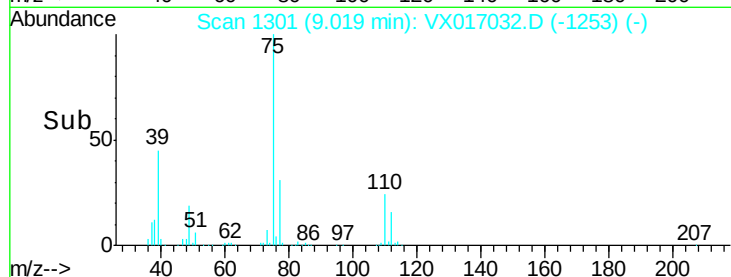
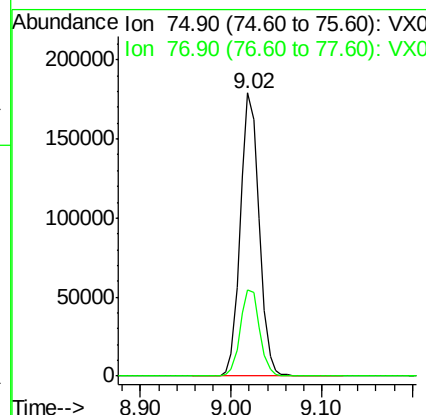
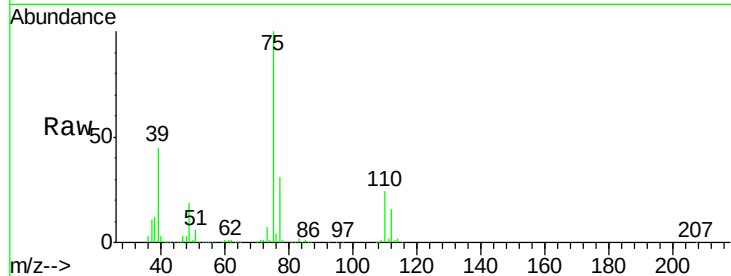
#53
 t-1,3-Dichloropropene
 Concen: 52.309 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 257364
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4

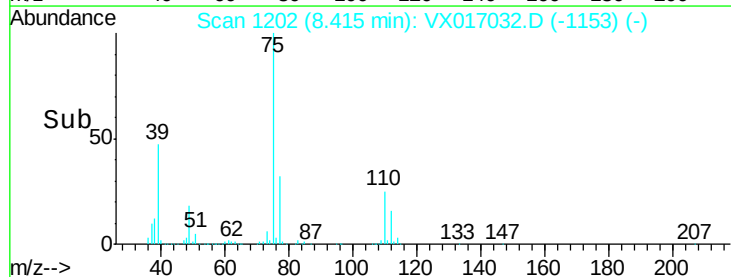
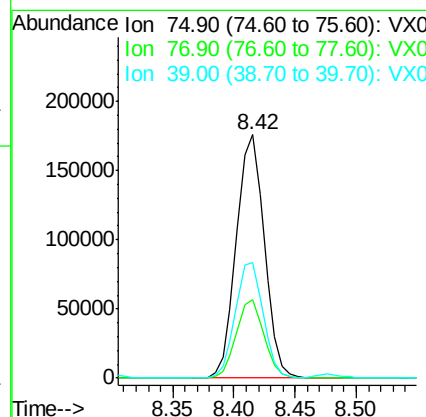
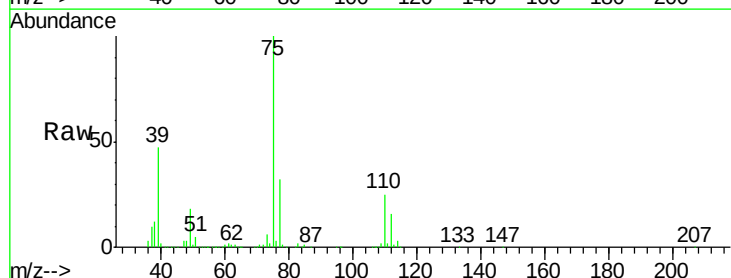
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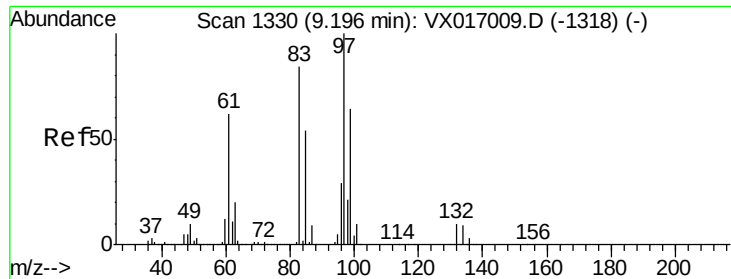
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#54
 cis-1,3-Dichloropropene
 Concen: 52.912 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion: 75 Resp: 279075
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8
 39 47.1 37.4 56.2





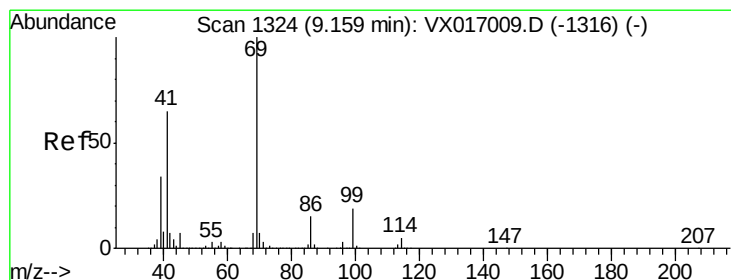
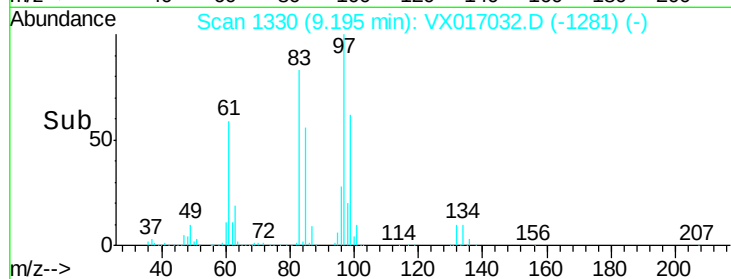
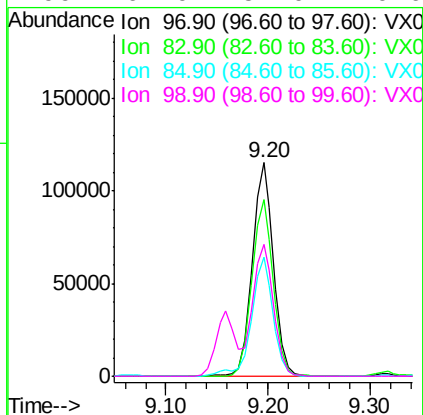
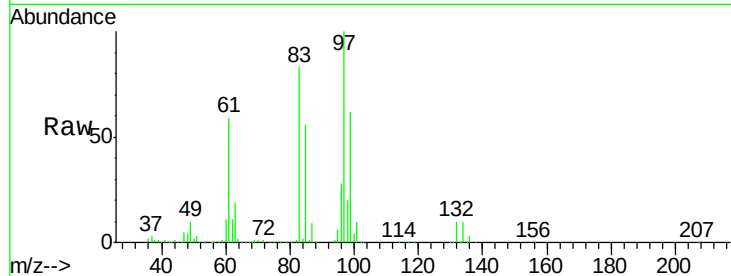
#55
 1,1,2-Trichloroethane
 Concen: 52.994 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	166815
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.0	100.6
85	55.7	43.5	65.3
99	62.0	51.0	76.6

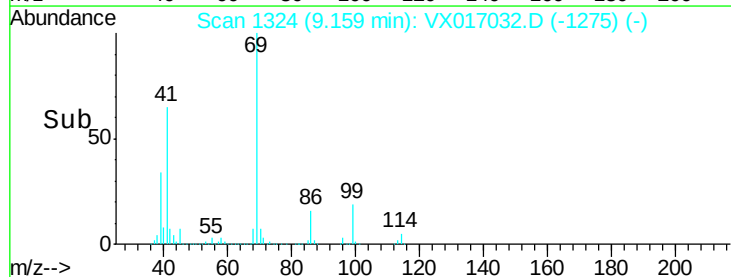
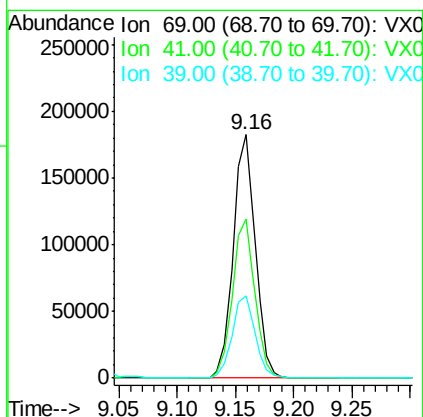
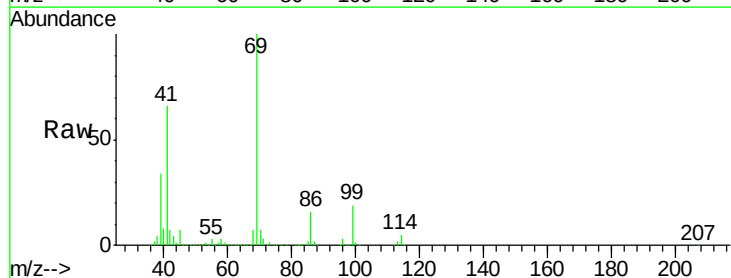
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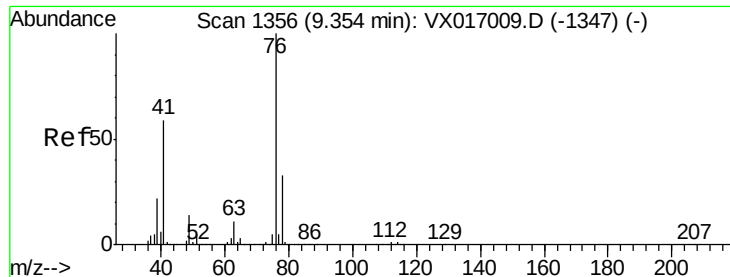
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#56
 Ethyl methacrylate
 Concen: 53.968 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion:	69	Resp:	241799
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.6	80.4
39	34.9	28.2	42.2





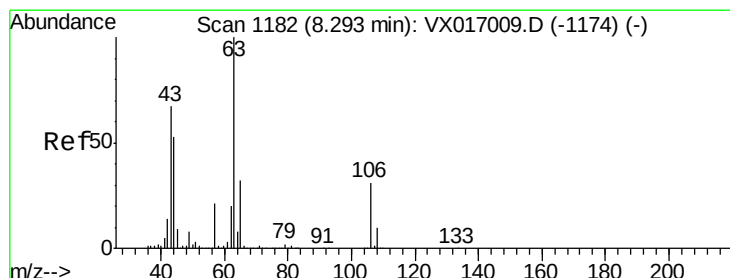
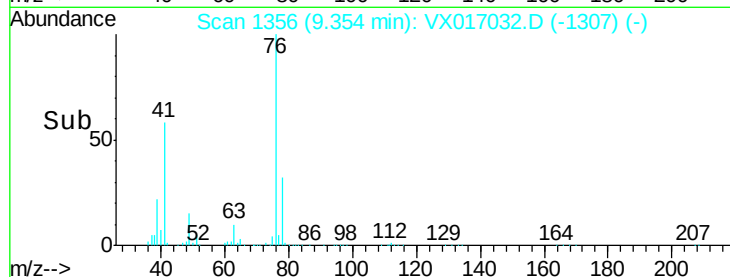
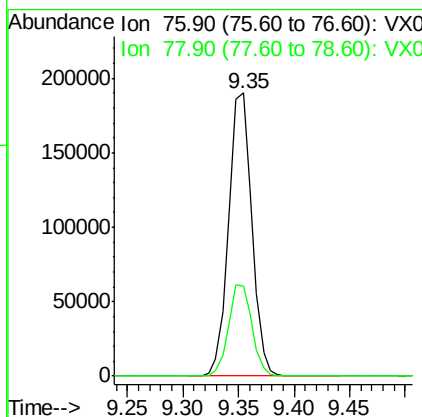
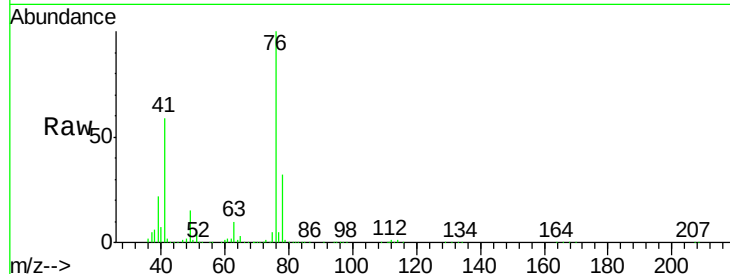
#57
 1,3-Dichloropropane
 Concen: 51.584 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

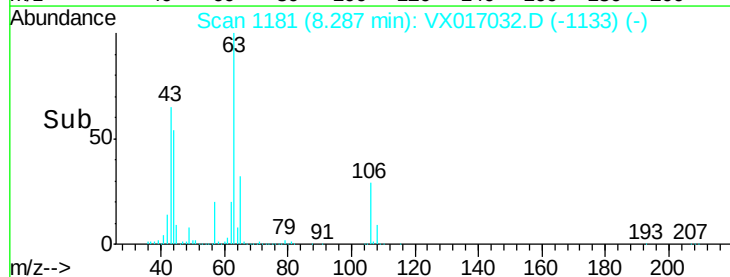
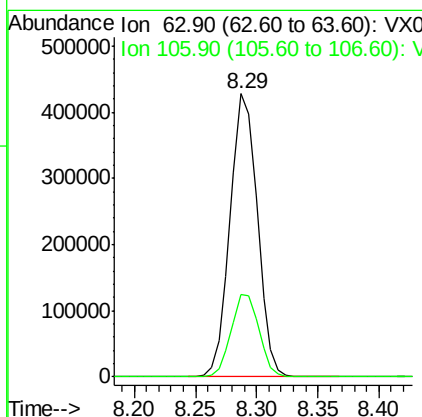
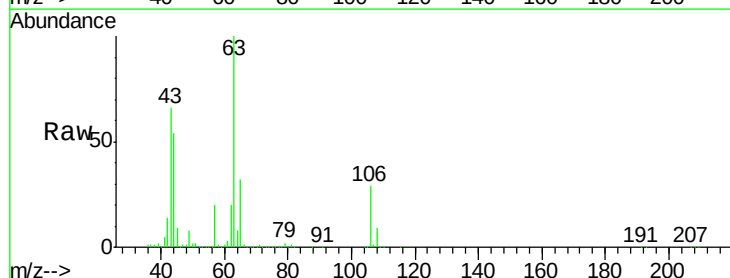
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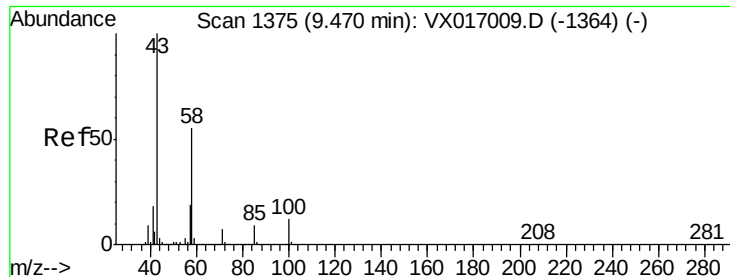
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#58
 2-Chloroethyl Vinyl ether
 Concen: 296.004 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	24.0	36.0





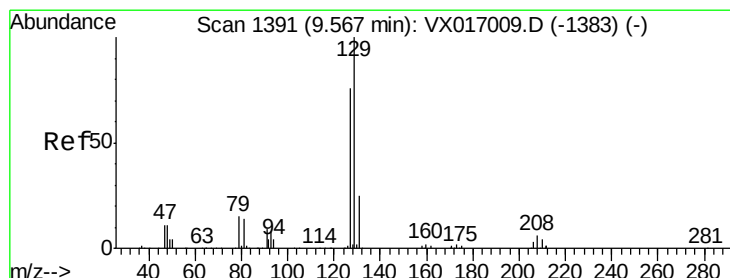
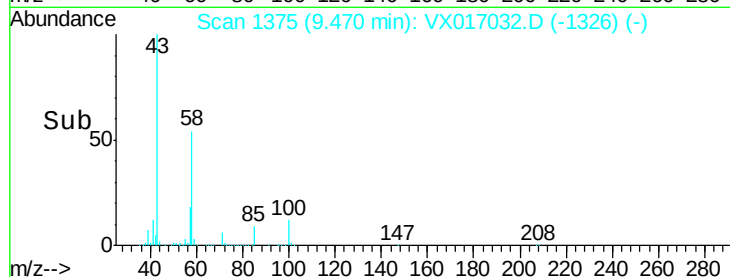
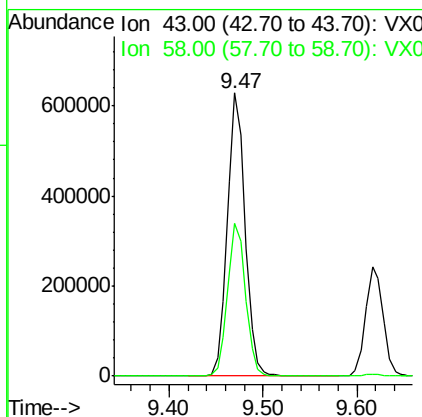
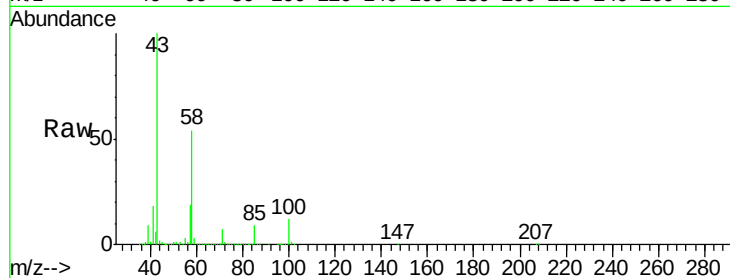
#59
2-Hexanone
Concen: 266.657 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.9	83.6

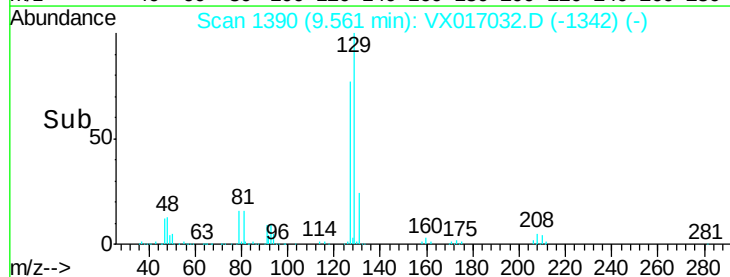
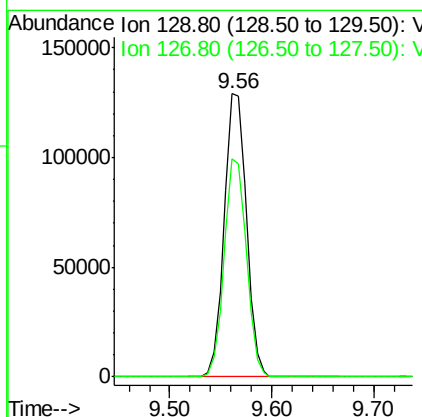
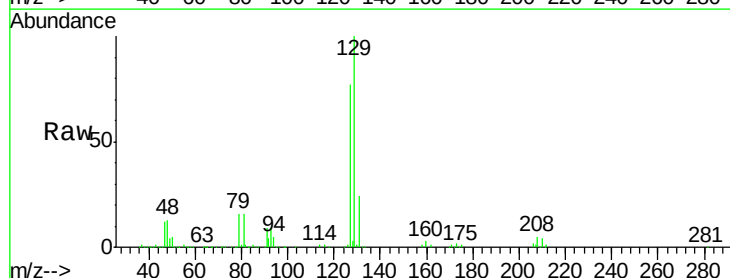
Manual Integrations
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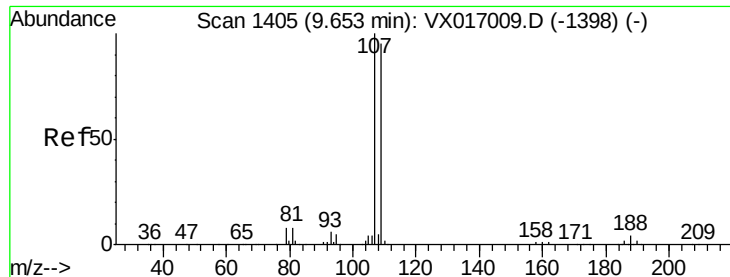
MMDadoda
7/1/2020 10:49:09 AM



#60
Dibromochloromethane
Concen: 53.408 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.9	116.7





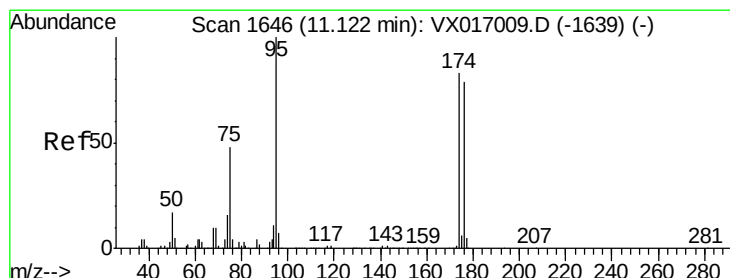
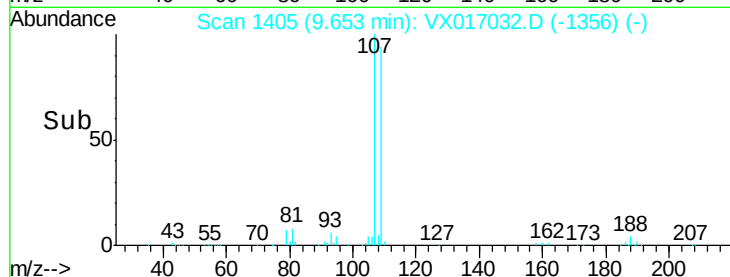
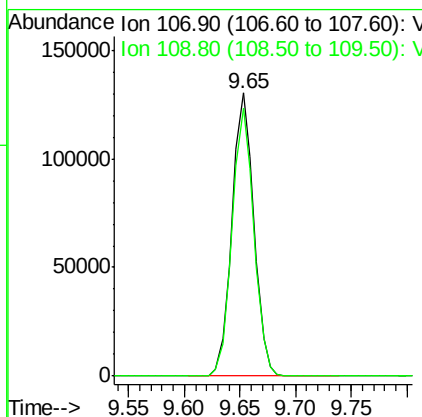
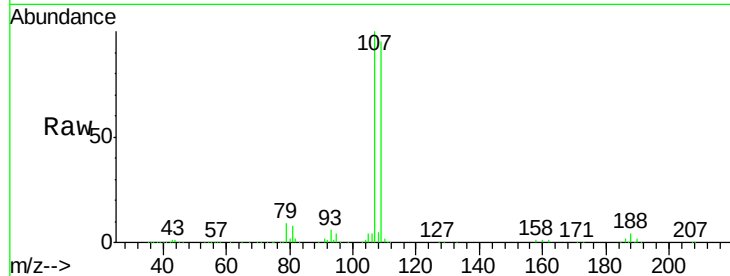
#61
 1,2-Dibromoethane
 Concen: 52.243 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8

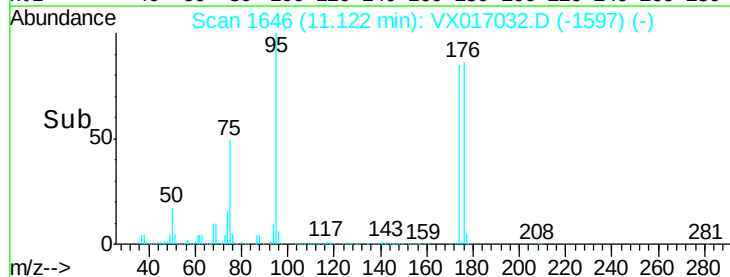
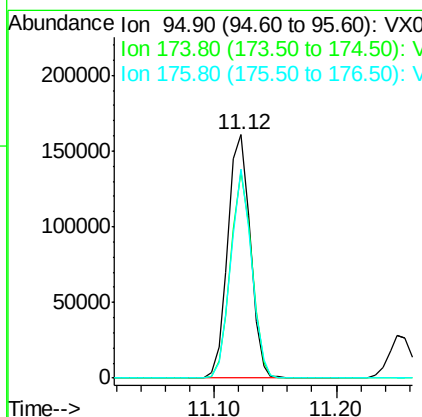
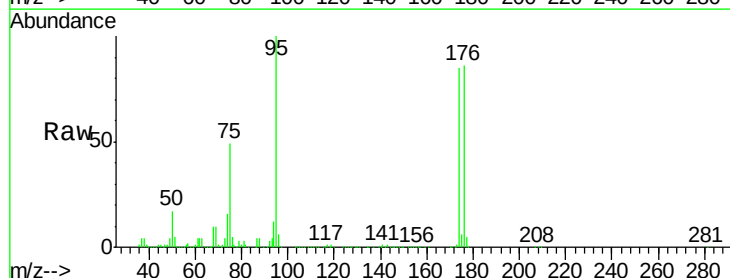
Manual Integrations
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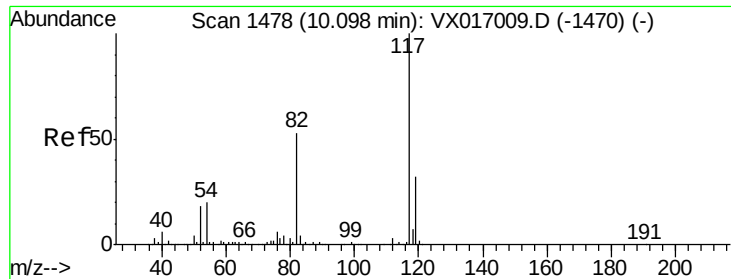
MMDadoda
 7/1/2020 10:49:09 AM



#62
 4-Bromofluorobenzene
 Concen: 49.941 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	164.0
176	80.0	0.0	157.6





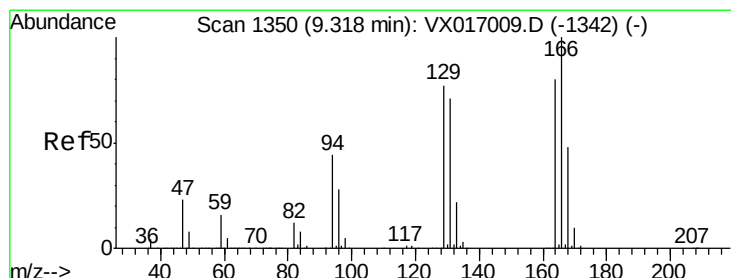
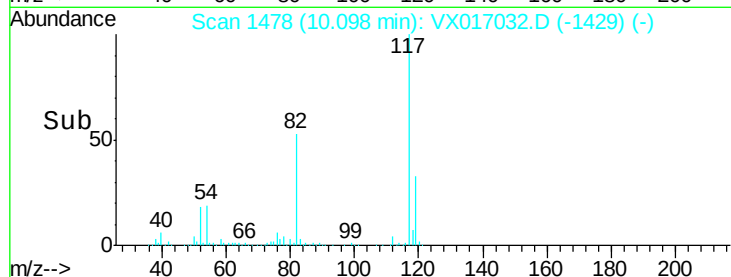
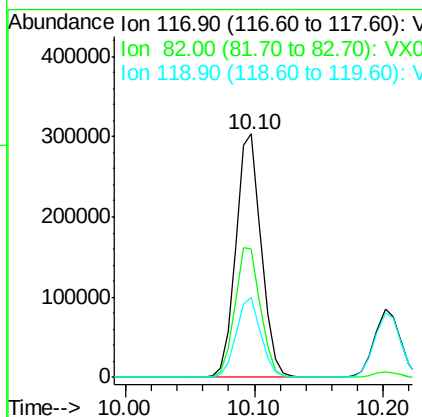
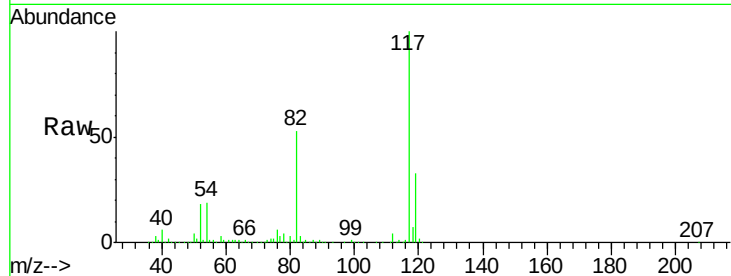
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	413997		
82	52.9	42.6	63.8	
119	33.0	25.4	38.2	

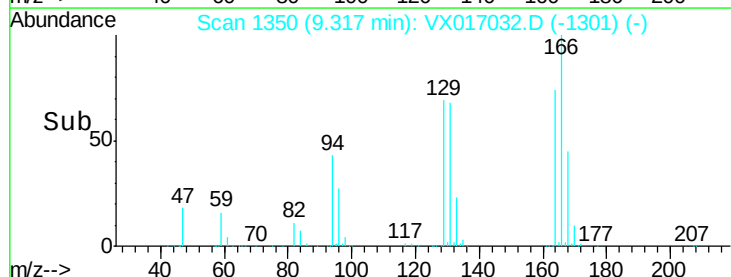
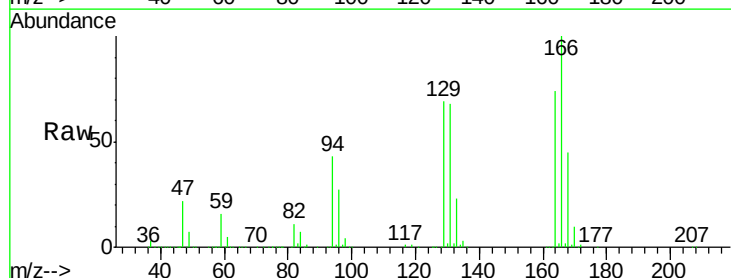
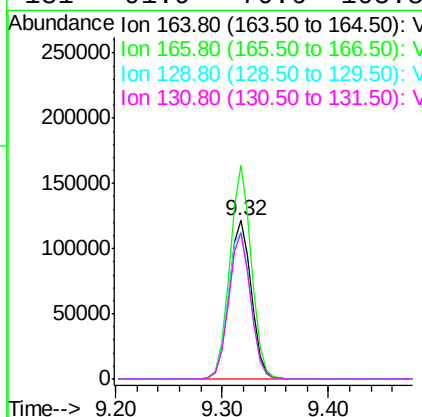
Manual Integrations
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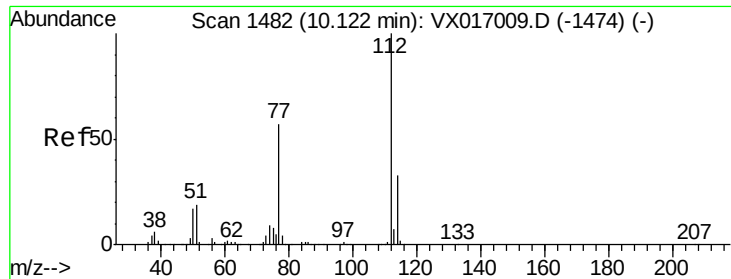
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#64
Tetrachloroethene
Concen: 53.321 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178157		
166	134.7	99.4	149.0	
129	93.2	76.3	114.5	
131	91.9	70.6	105.8	





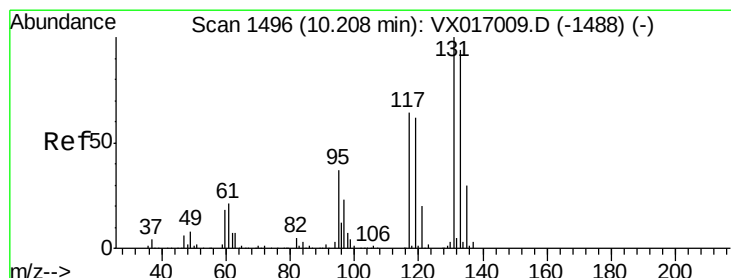
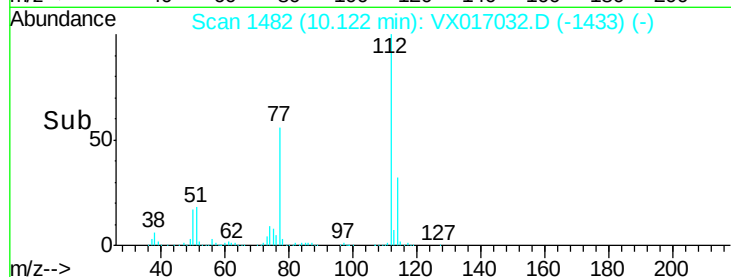
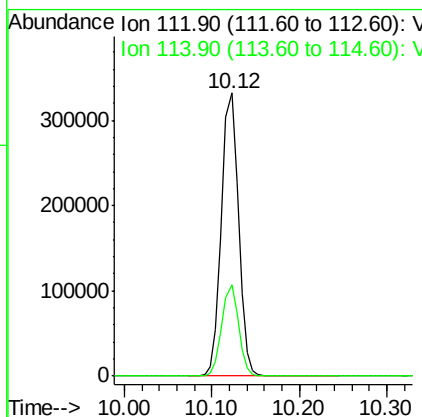
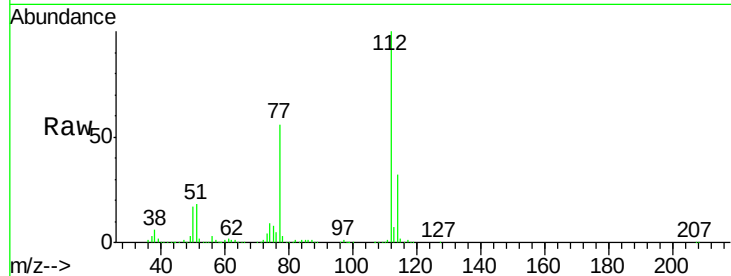
#65
Chlorobenzene
Concen: 52.566 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.2	39.4

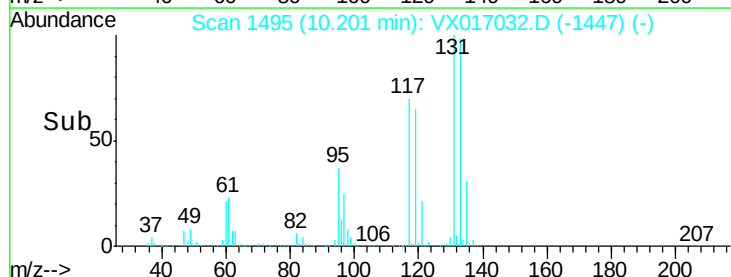
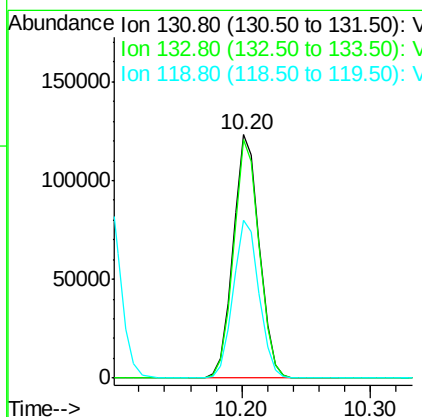
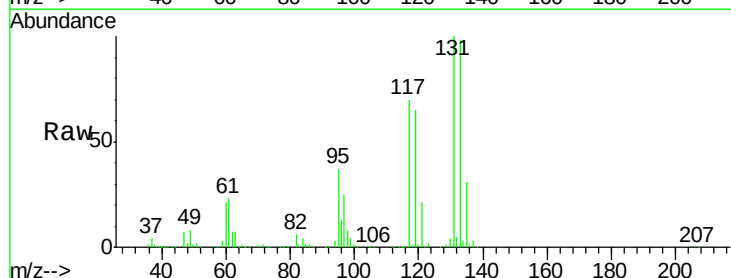
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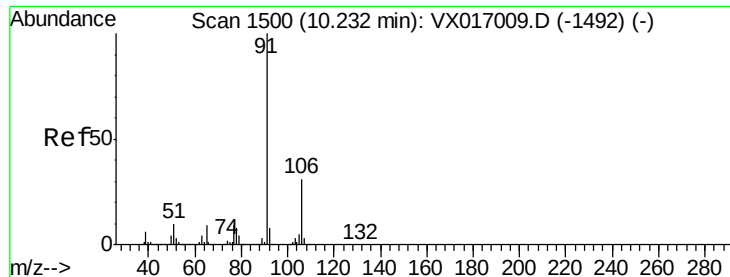
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.690 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	141.9
119	64.4	31.9	95.5





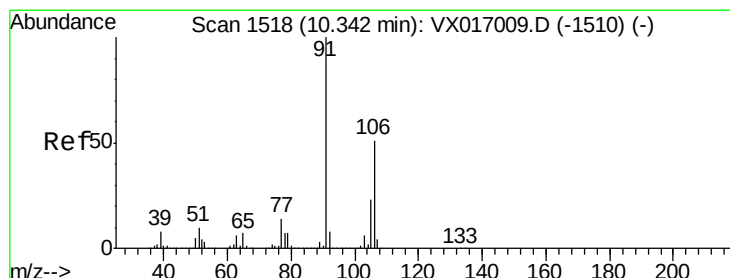
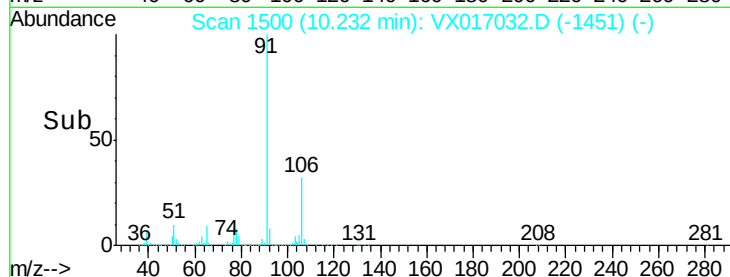
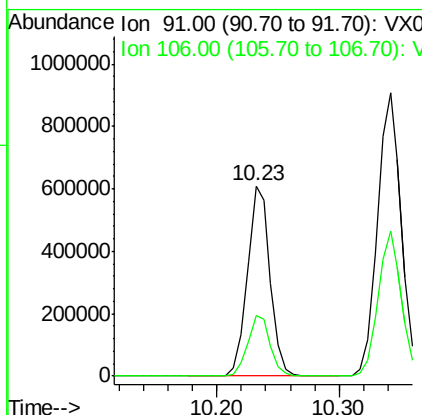
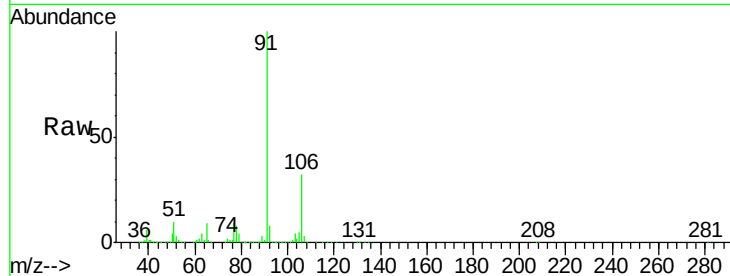
#67
Ethyl Benzene
Concen: 54.789 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 781821
Ion Ratio Lower Upper
91 100
106 32.0 24.7 37.1

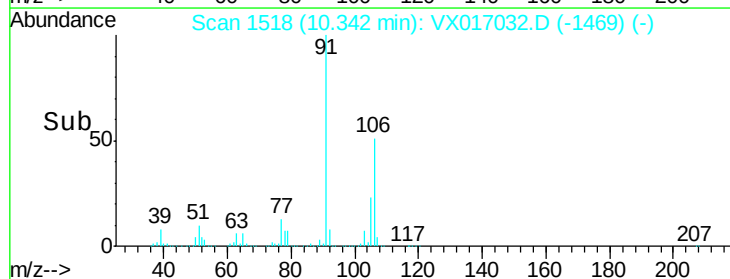
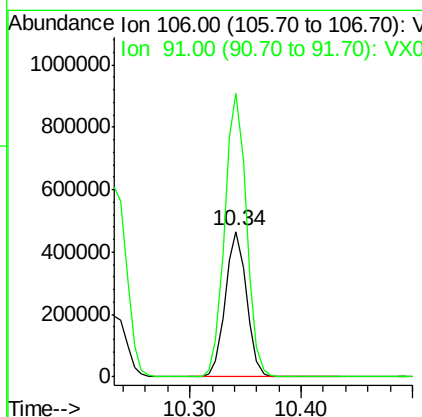
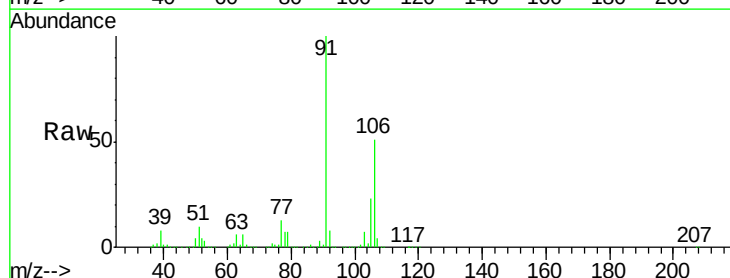
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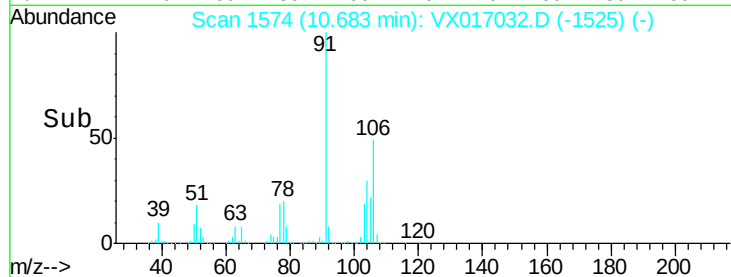
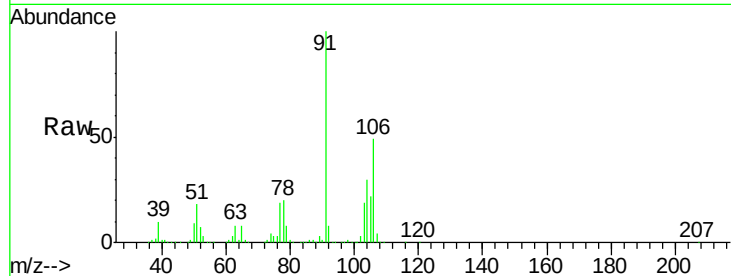
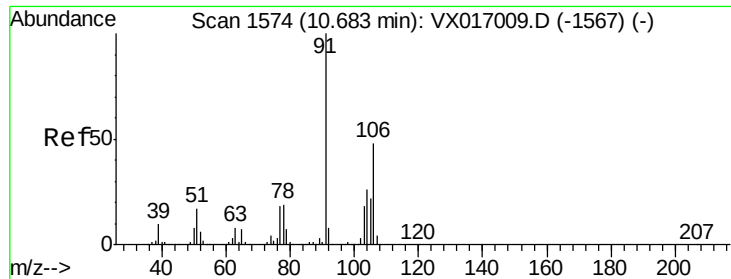
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#68
m/p-Xylenes
Concen: 111.930 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 106 Resp: 613274
Ion Ratio Lower Upper
106 100
91 199.7 158.6 238.0





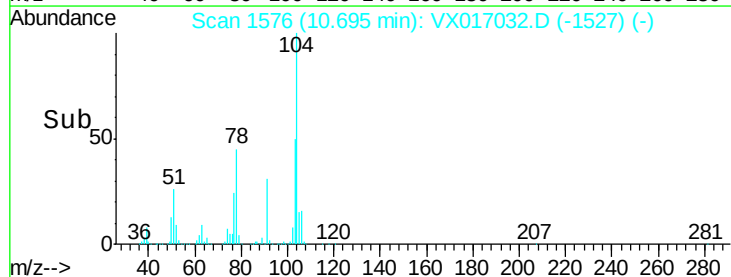
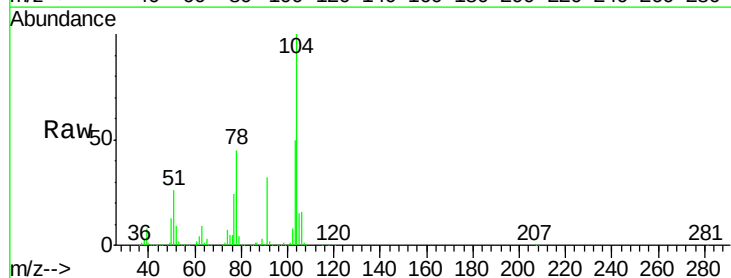
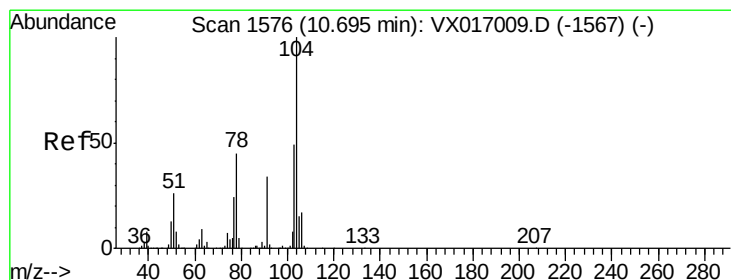
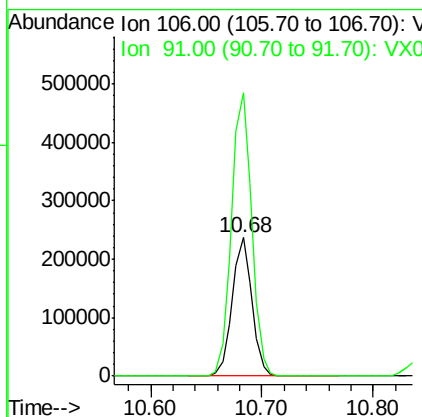
#69
o-Xylene
Concen: 55.497 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	105.6	316.7

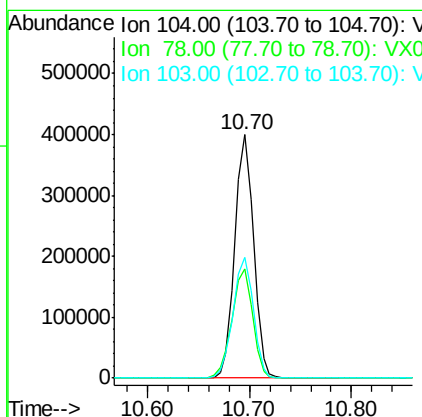
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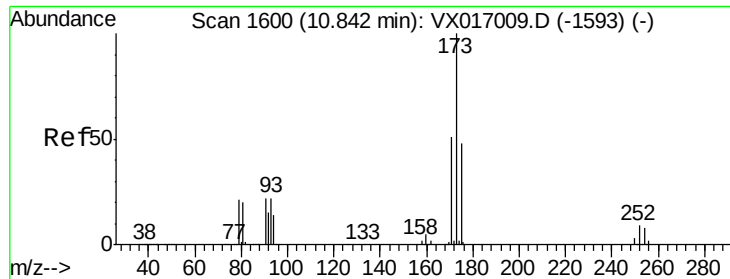
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#70
Styrene
Concen: 57.219 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.5	39.5	59.3
103	53.6	43.0	64.6





#71

Bromoform

Concen: 55.211 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

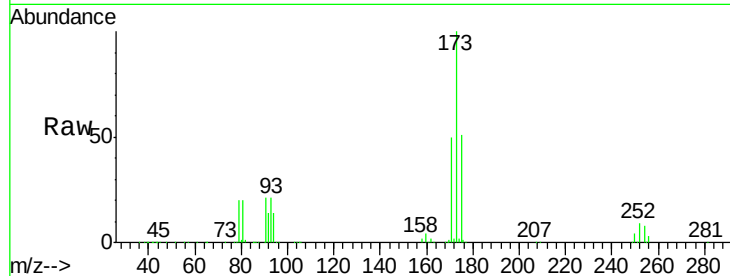
ClientSampled :

VSTDCCC050

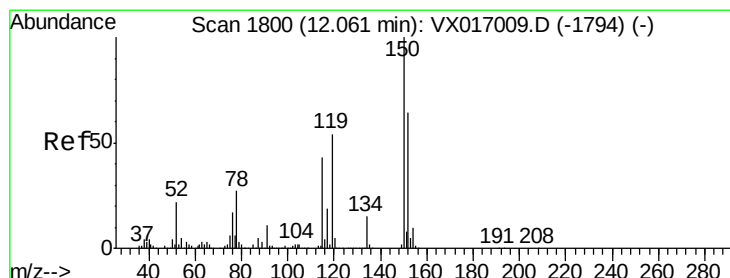
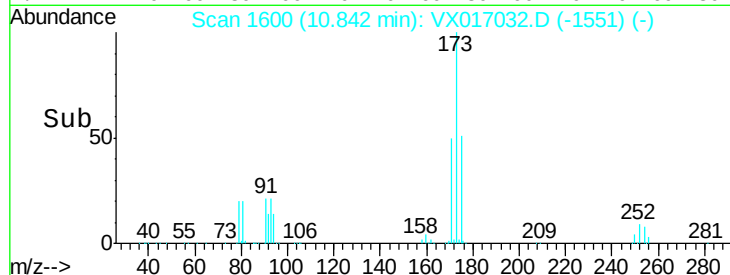
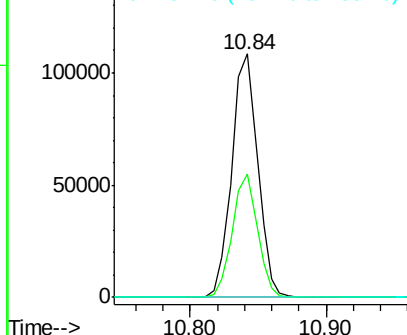
Tot Ion:	173	Resp:	144175
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.5	73.5
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

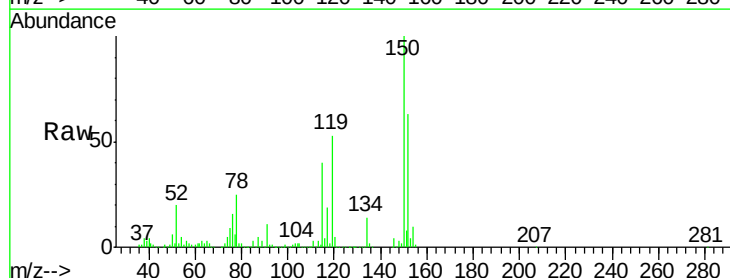
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

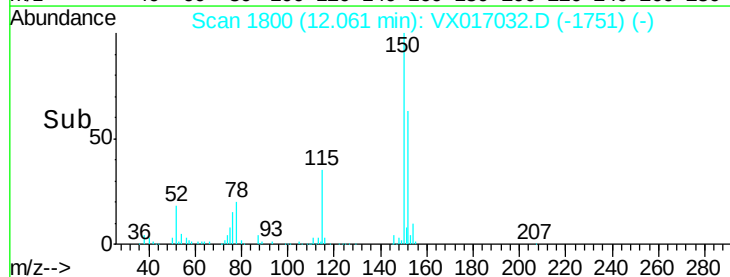
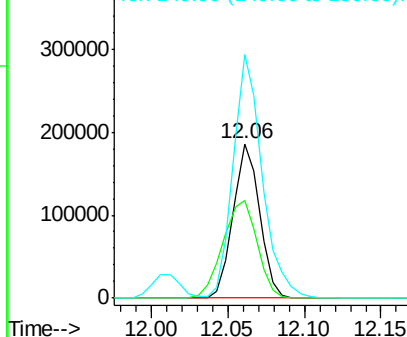
Lab File: VX017032.D

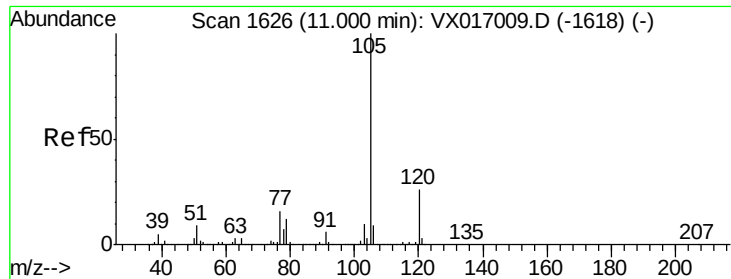
Acq: 30 Jun 2020 09:49

Tgt Ion:	152	Resp:	222903
Ion Ratio	Lower	Upper	
152	100		
115	81.6	40.9	122.7
150	173.4	0.0	351.6



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





#73

Isopropylbenzene

Concen: 54.070 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 789445

Ion Ratio Lower Upper

105 100

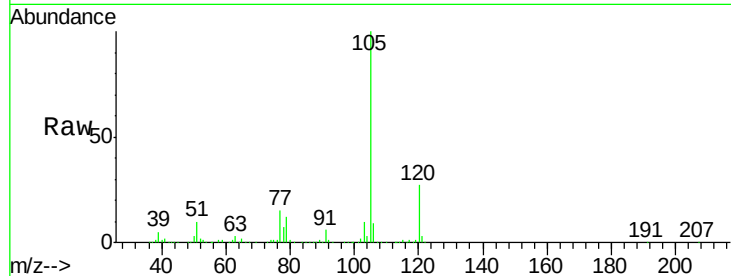
120 26.6 13.4 40.2

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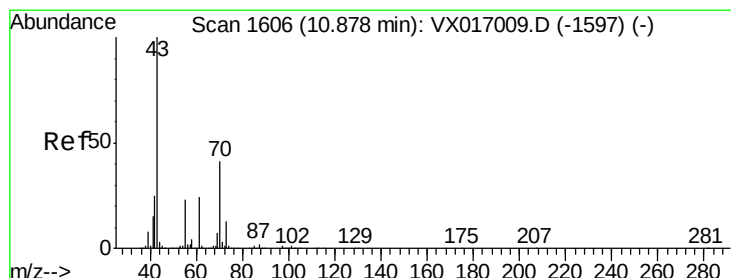
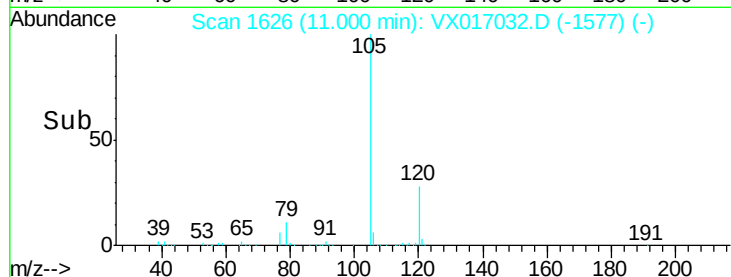
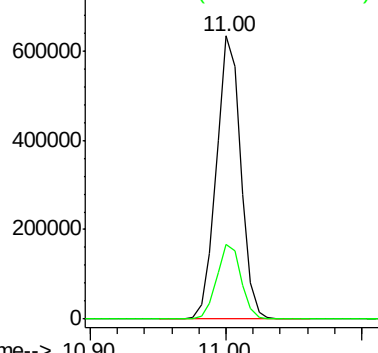
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.092 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion: 43 Resp: 324528

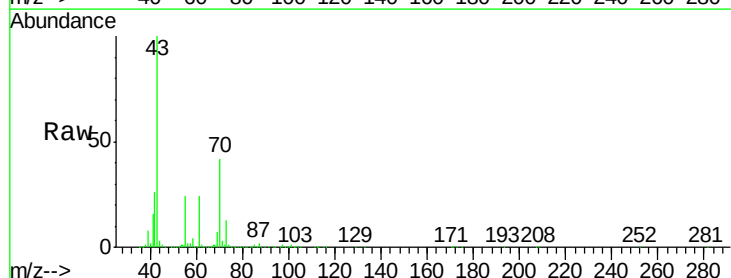
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.2

55 24.8 19.2 28.8

61 24.8 19.6 29.4

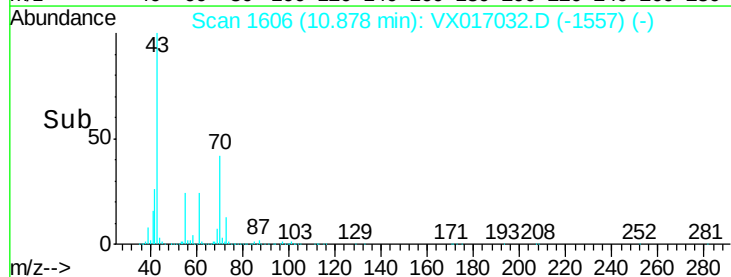
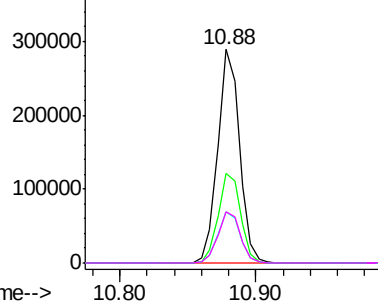


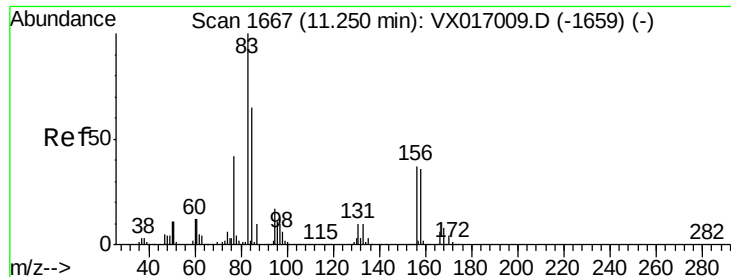
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.083 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

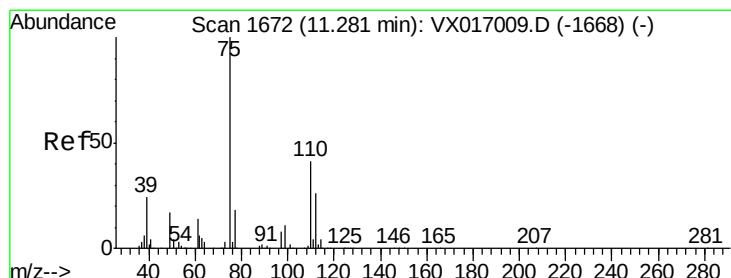
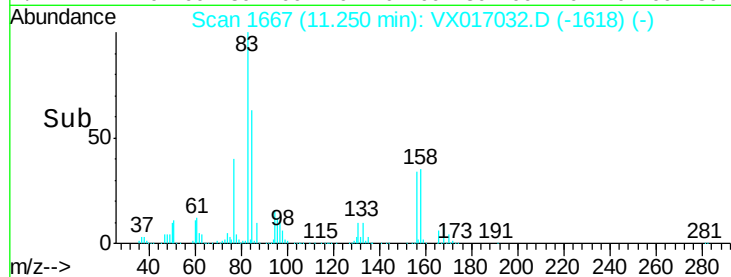
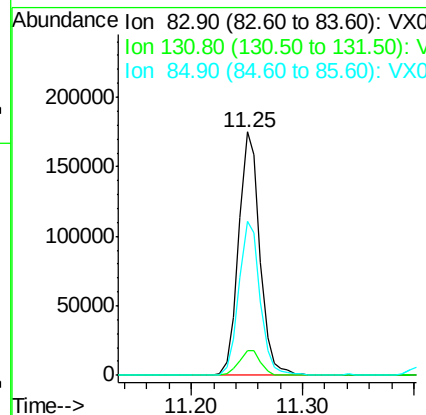
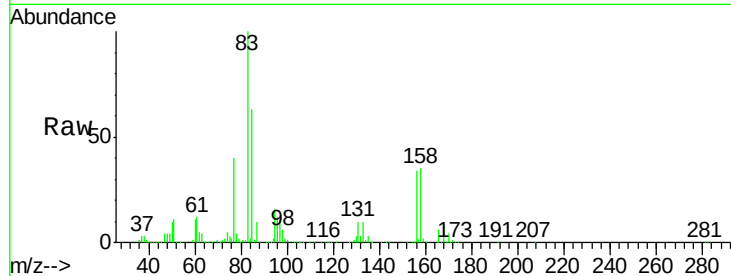
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	230013
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	63.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.255 ug/l m

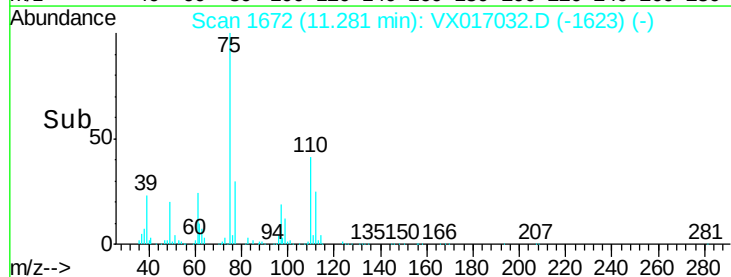
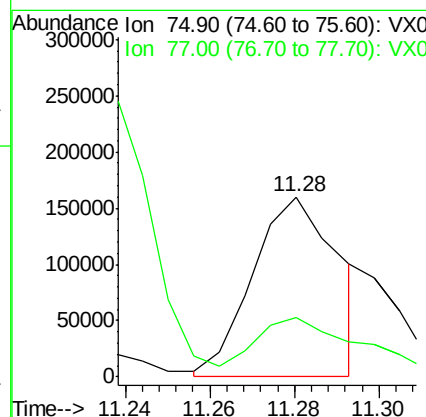
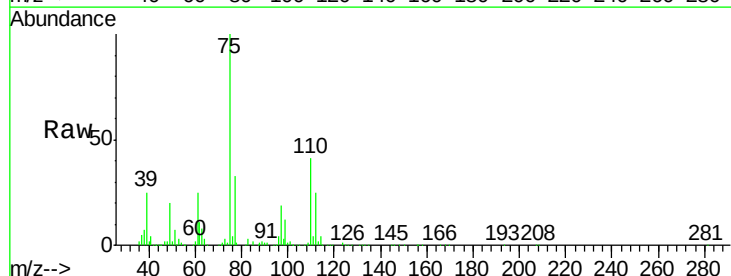
RT: 11.28 min Scan# 1672

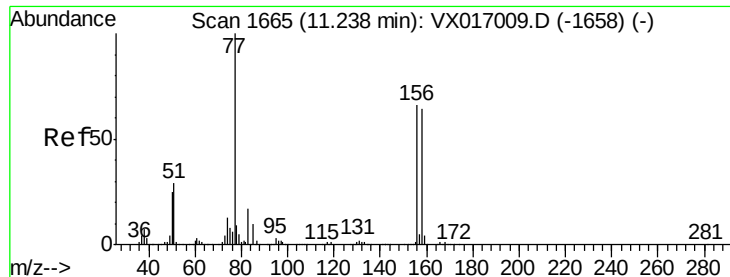
Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion:	75	Resp:	224666
Ion Ratio	Lower	Upper	
75	100		
77	41.1	20.2	60.6





#77

Bromobenzene

Concen: 50.902 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

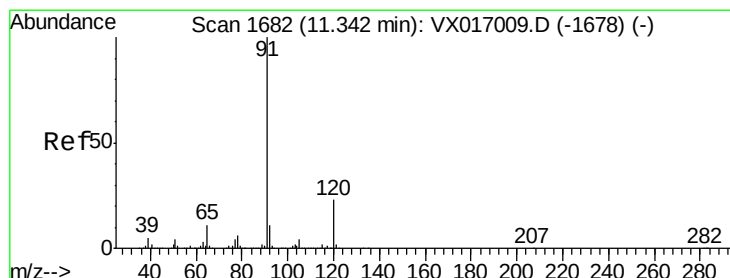
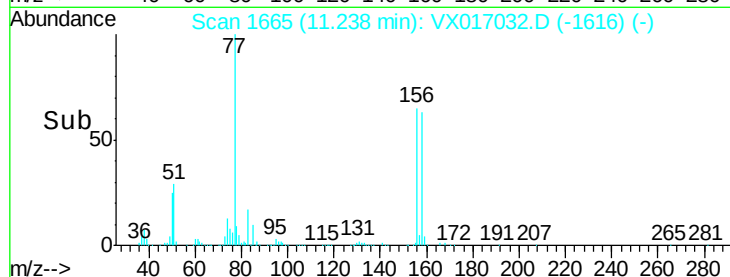
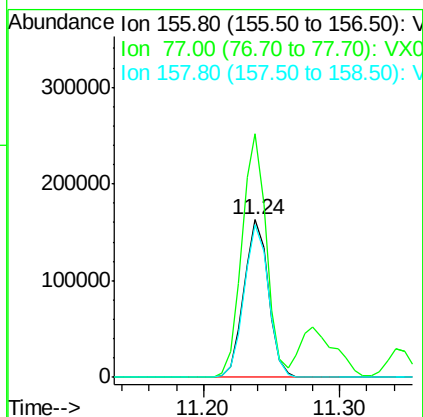
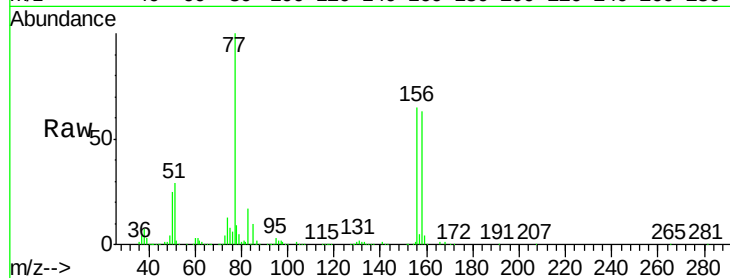
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	204255
Ion Ratio	Lower	Upper	
156	100		
77	154.7	76.9	230.7
158	97.3	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 55.233 ug/l

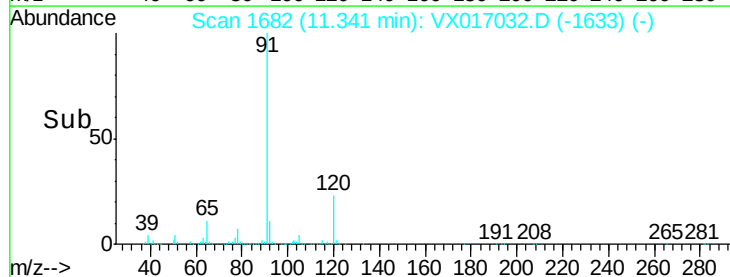
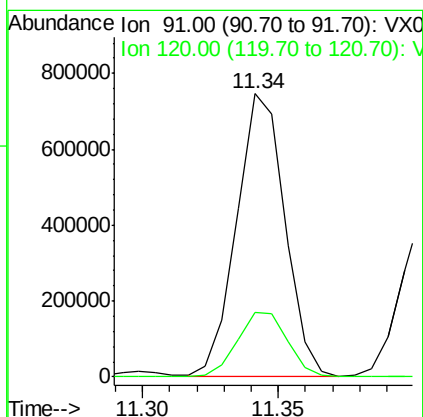
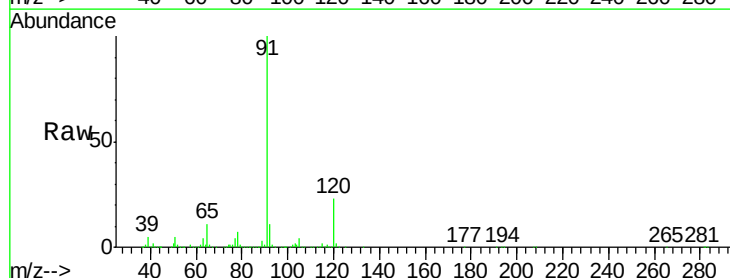
RT: 11.34 min Scan# 1682

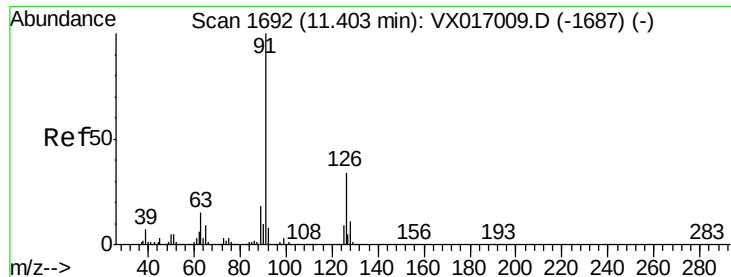
Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion:	91	Resp:	911934
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.9





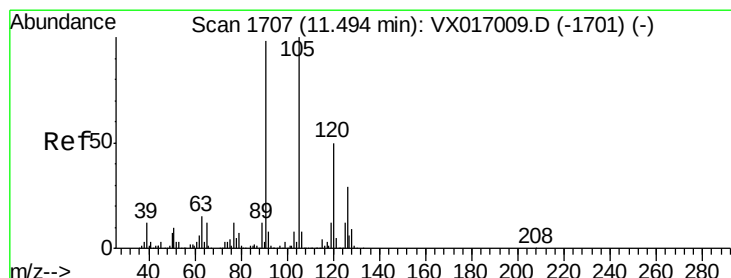
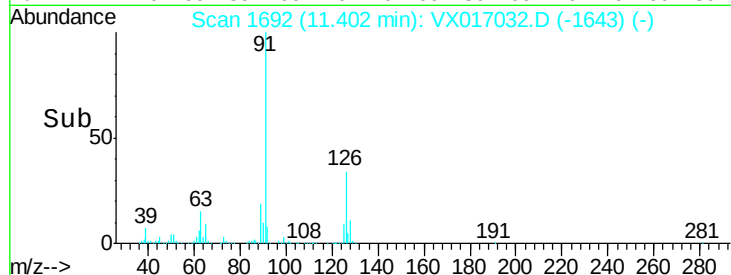
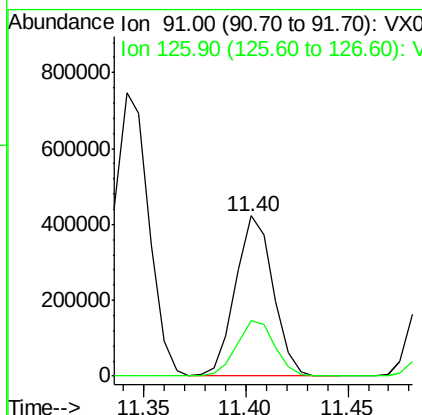
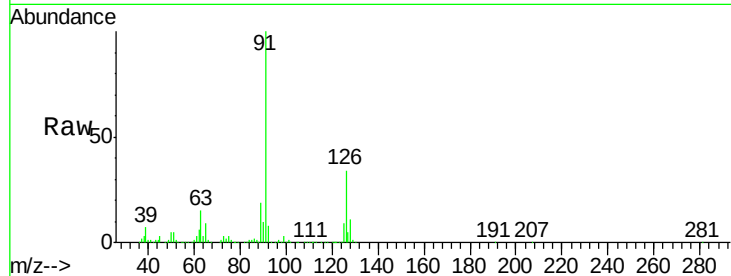
#79
2-Chlorotoluene
Concen: 53.720 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 536797
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.3

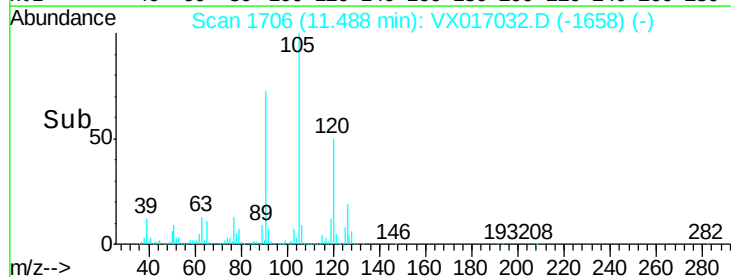
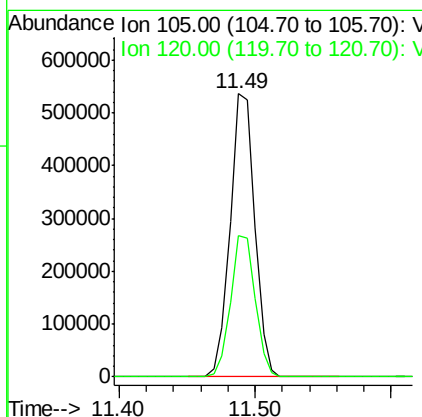
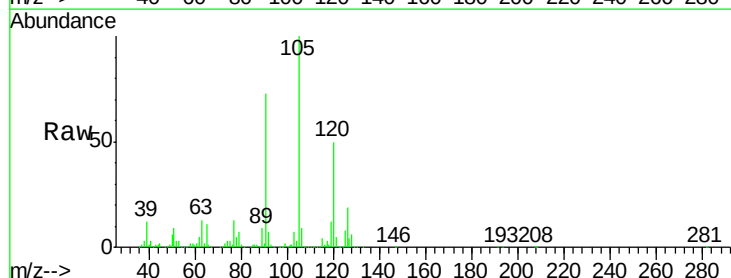
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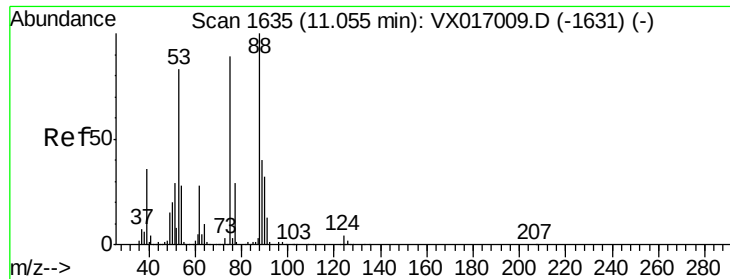
MMDadoda
7/1/2020 10:49:09 AM



#80
1,3,5-Trimethylbenzene
Concen: 55.684 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 105 Resp: 674370
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6





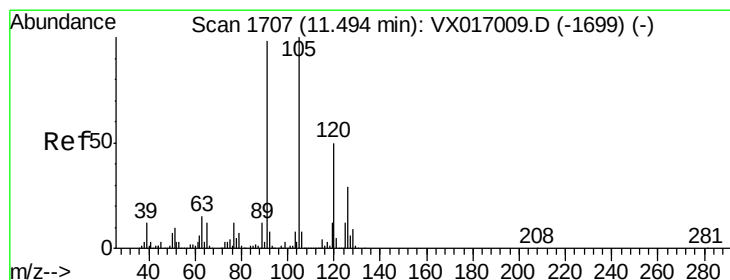
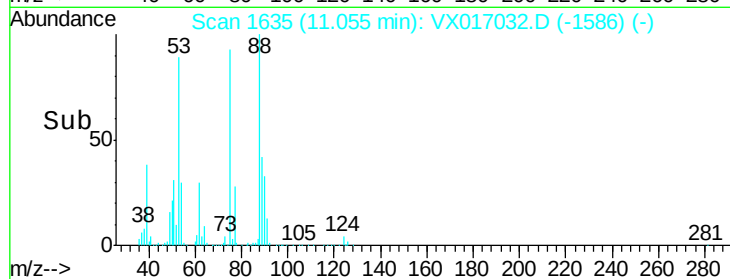
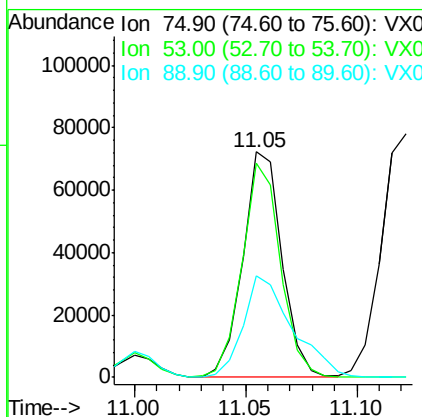
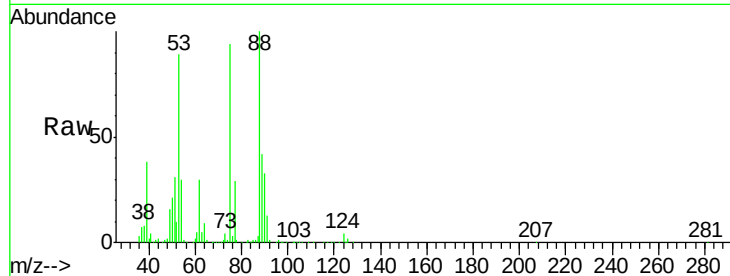
#81
trans-1,4-Dichloro-2-butene
Concen: 51.962 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.0	72.4	108.6
89	57.8	37.0	55.4

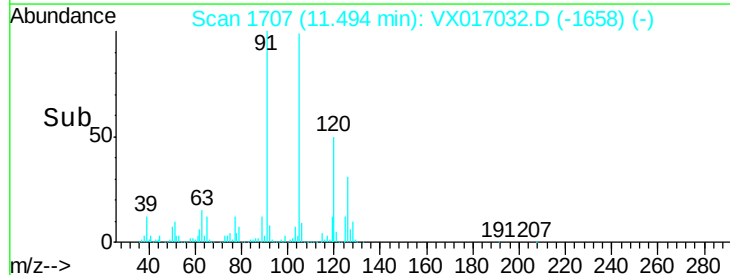
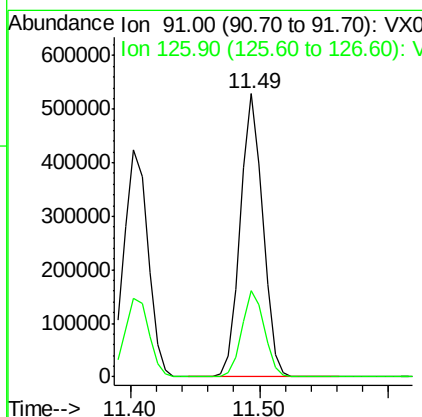
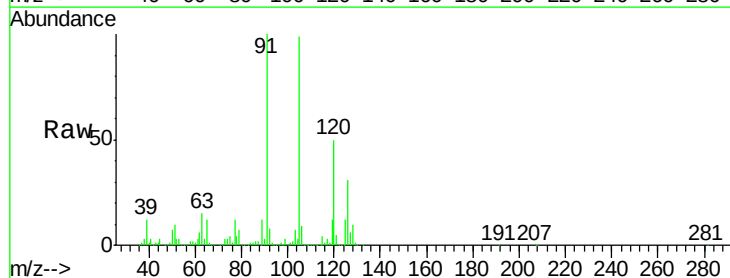
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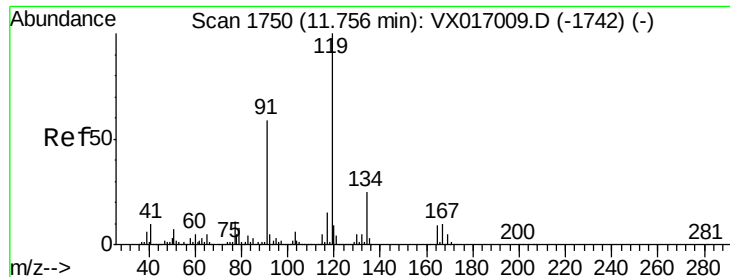
MMDadoda
7/1/2020 10:49:09 AM



#82
4-Chlorotoluene
Concen: 53.567 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.5





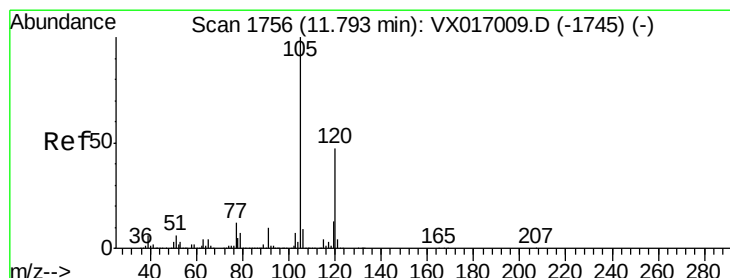
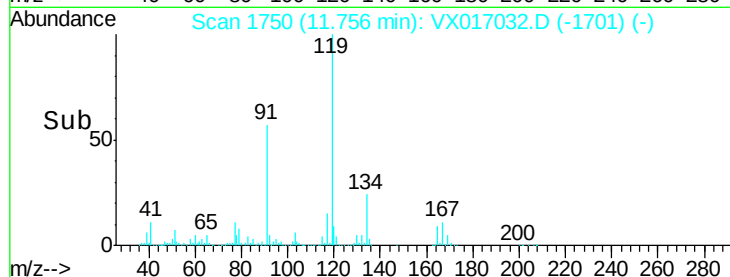
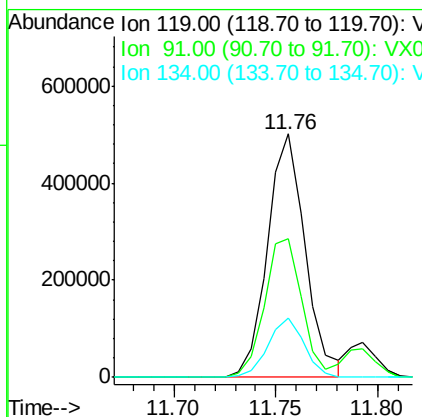
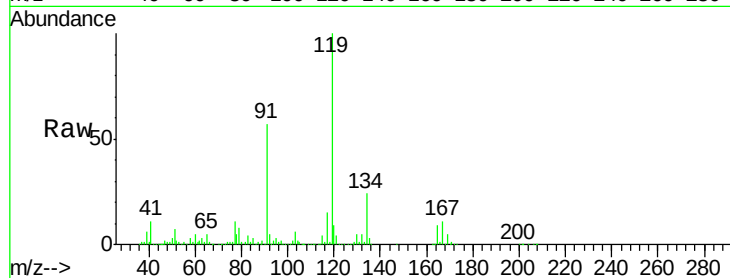
#83
 tert-Butylbenzene
 Concen: 54.409 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	646835		
91	56.1		28.3	84.9
134	23.3		11.7	35.1

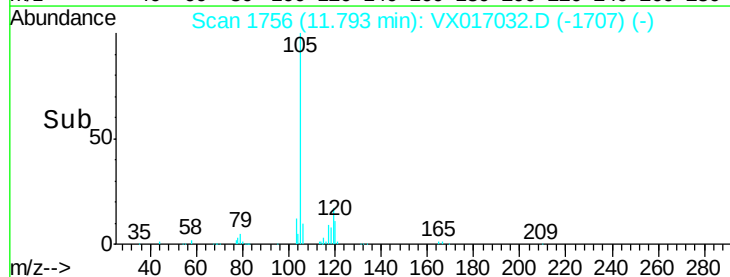
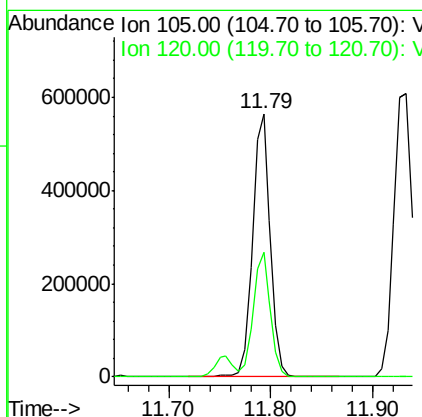
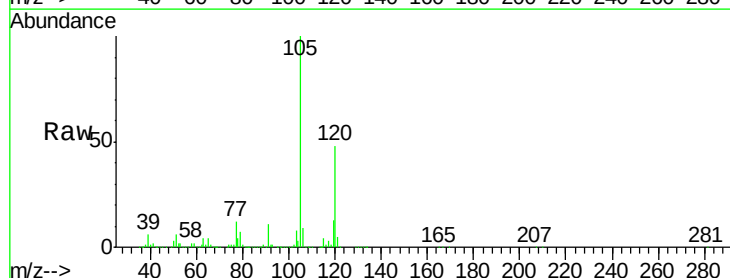
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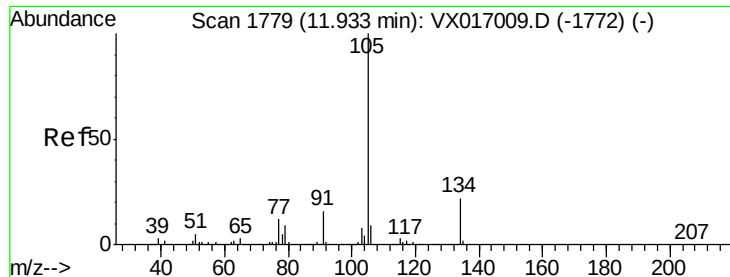
MMDadoda
 7/1/2020 10:49:09 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 55.450 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	681271		
120	46.1		22.9	68.5





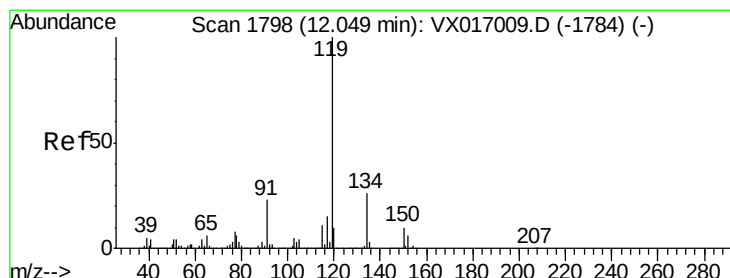
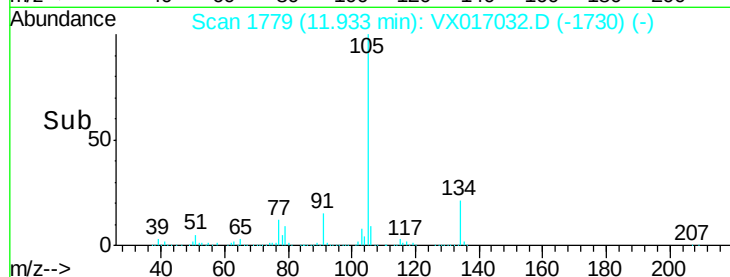
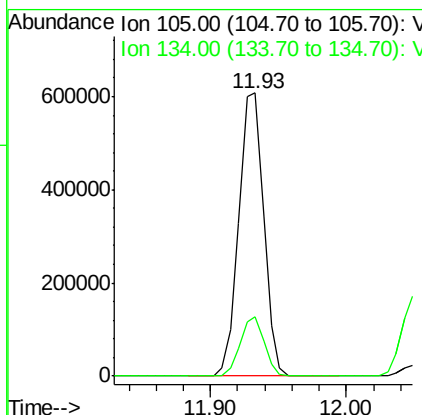
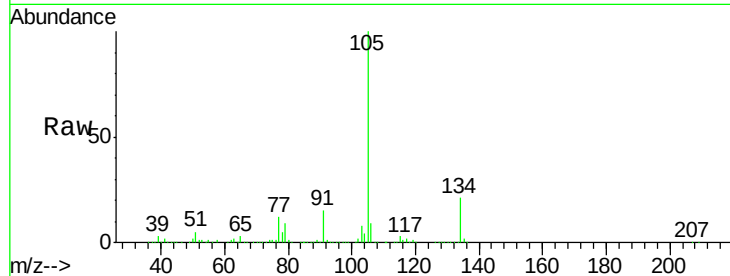
#85
 sec-Butylbenzene
 Concen: 55.515 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 775797
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.6

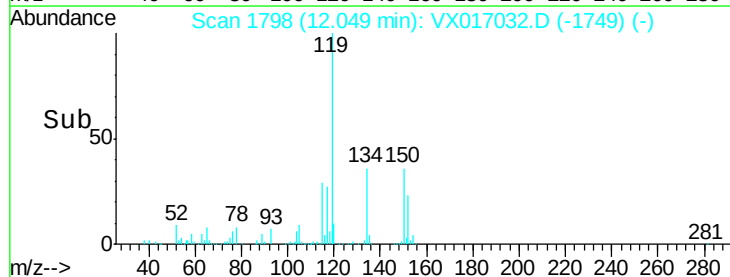
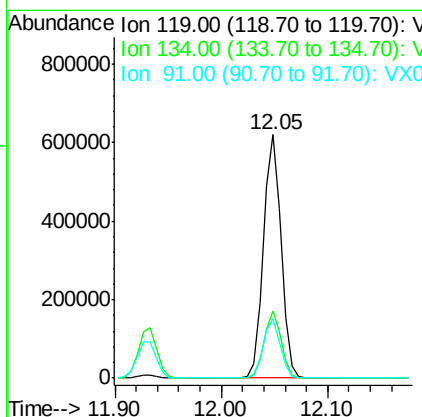
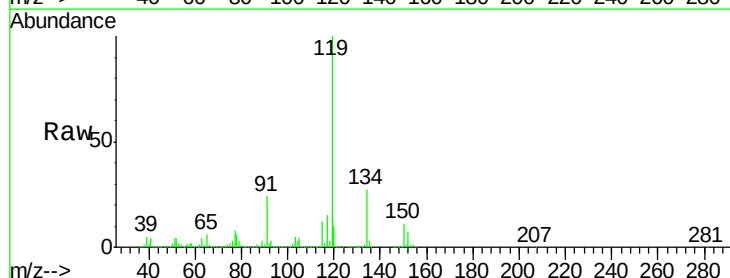
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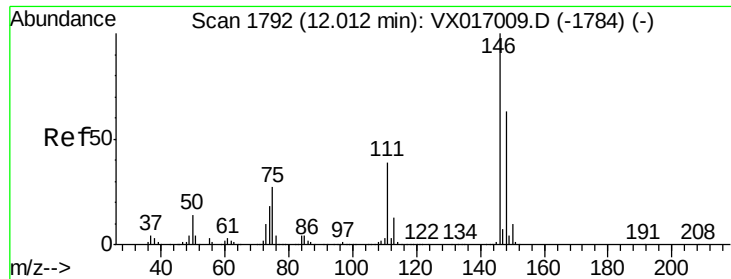
MMDadoda
 7/1/2020 10:49:09 AM



#86
 p-Isopropyltoluene
 Concen: 55.498 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion:119 Resp: 721991
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 23.7 11.8 35.4





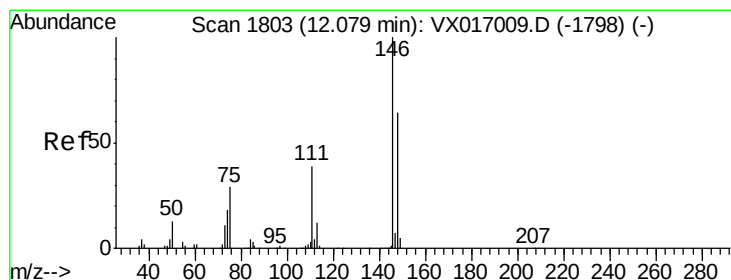
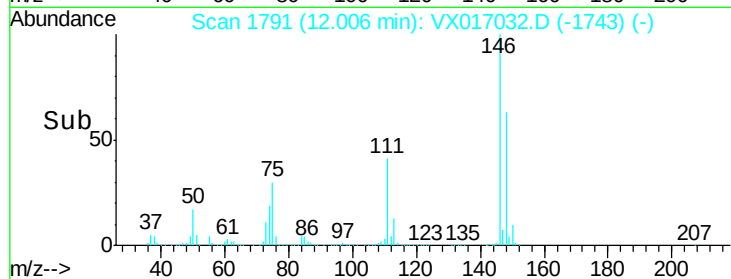
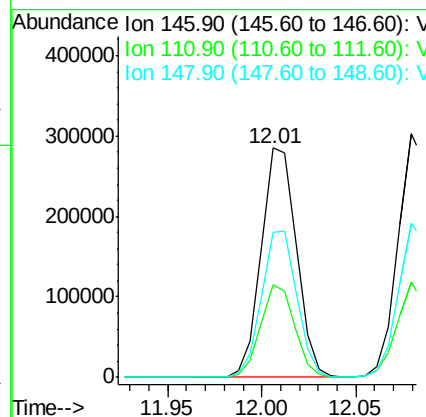
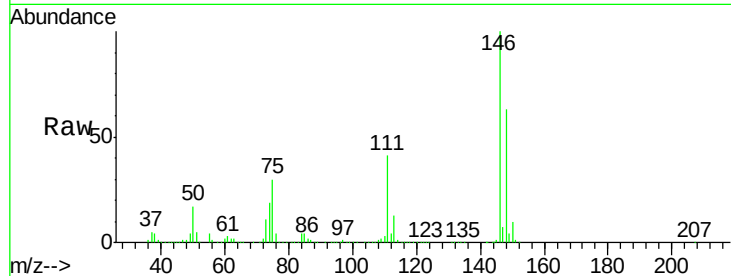
#87
 1,3-Dichlorobenzene
 Concen: 50.819 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.4	61.2
148	63.7	32.5	97.5

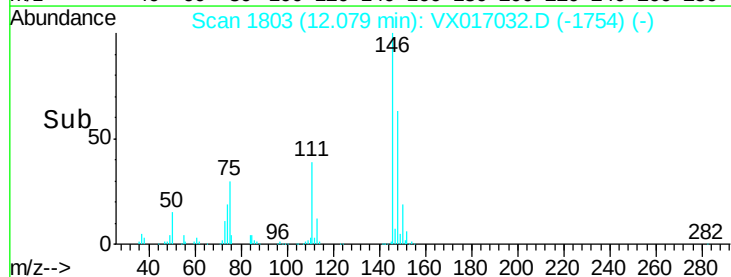
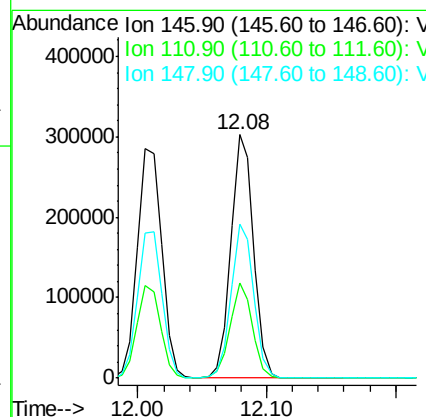
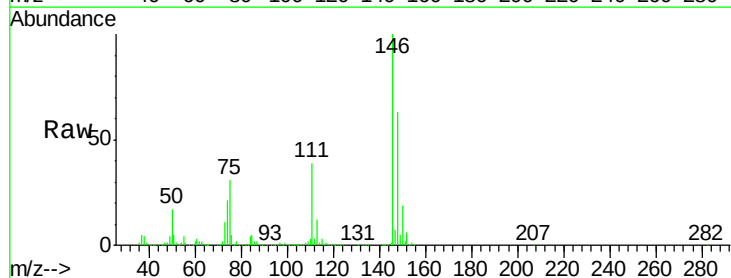
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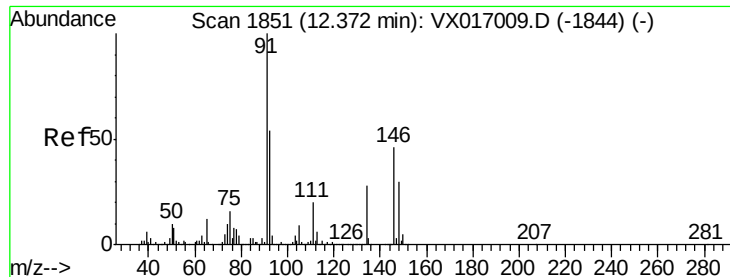
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#88
 1,4-Dichlorobenzene
 Concen: 54.594 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.1	31.9	95.7





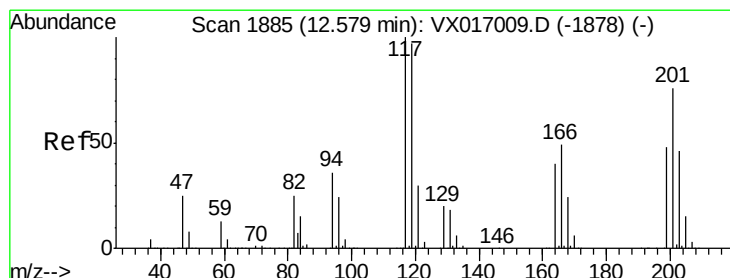
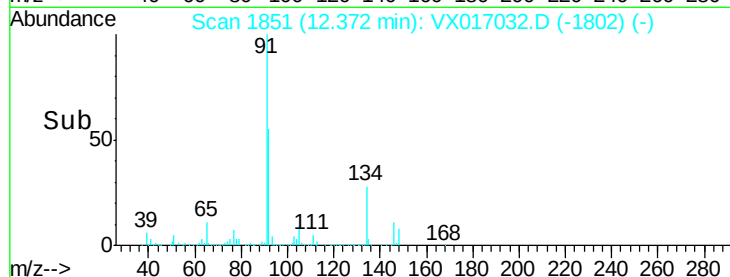
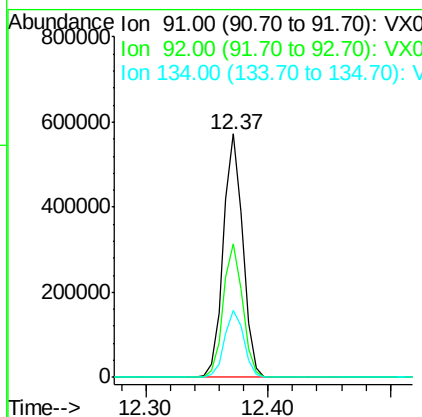
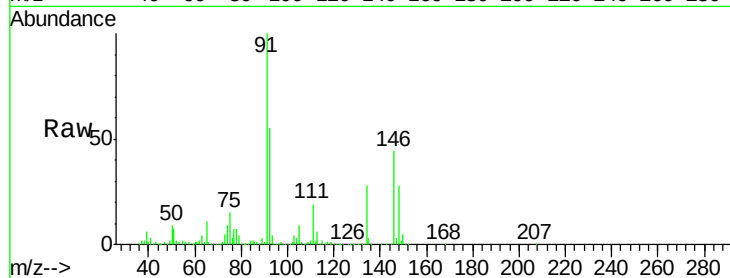
#89
n-Butylbenzene
Concen: 54.209 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.6
134	27.5	13.6	40.7

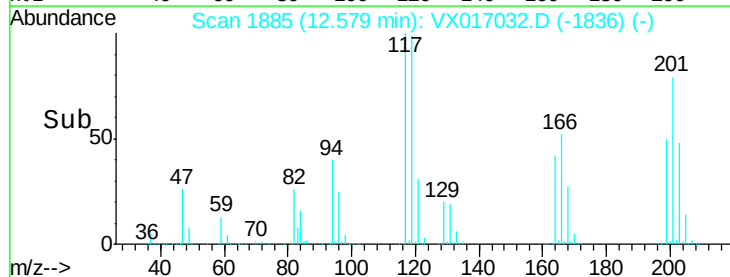
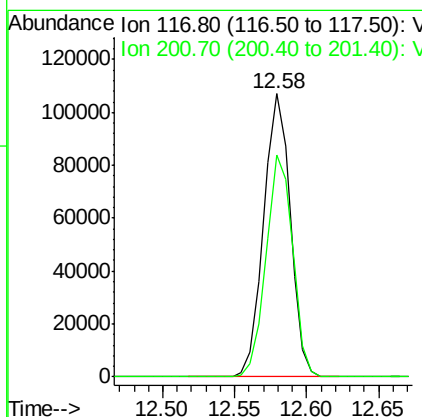
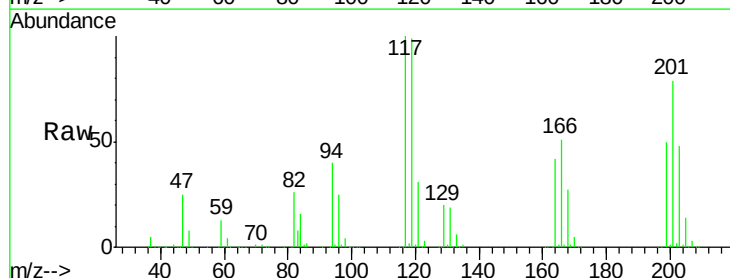
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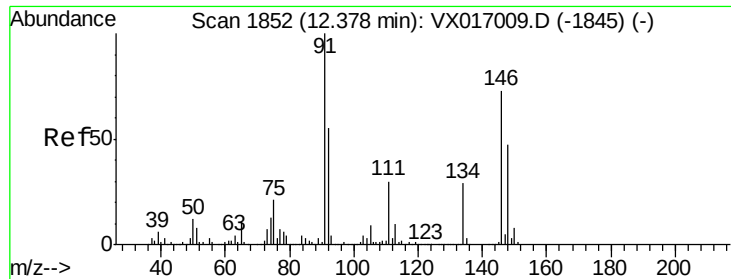
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#90
Hexachloroethane
Concen: 53.280 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.3	39.4	118.2





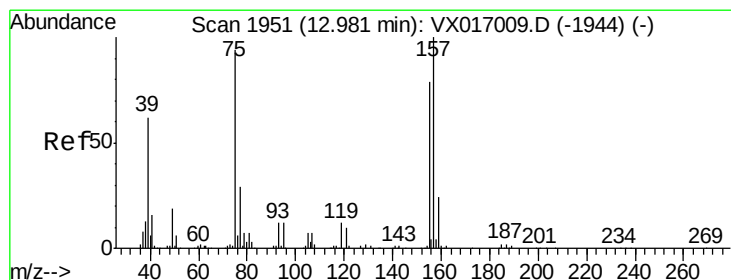
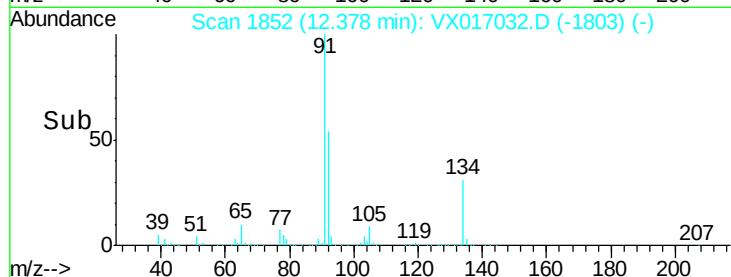
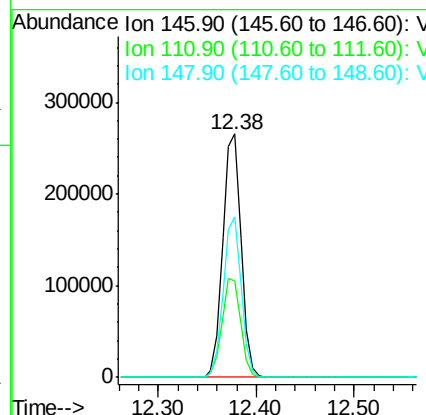
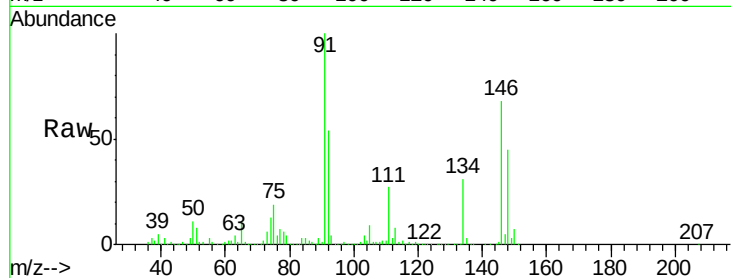
#91
 1,2-Dichlorobenzene
 Concen: 50.579 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.9
148	64.7	32.4	97.2

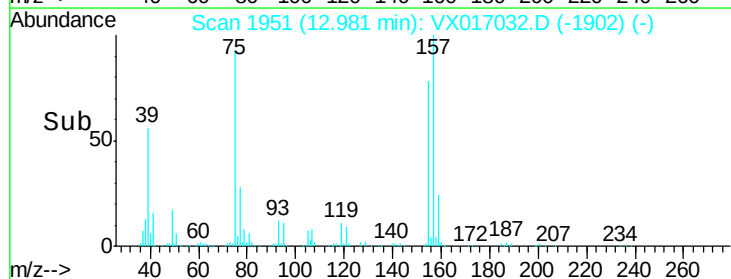
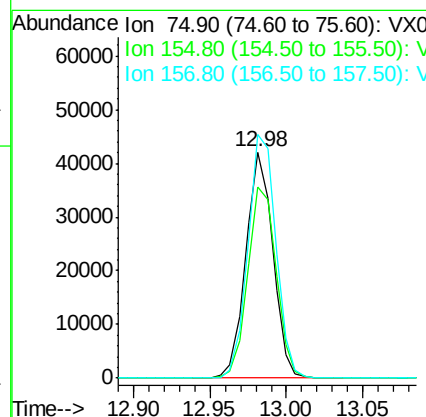
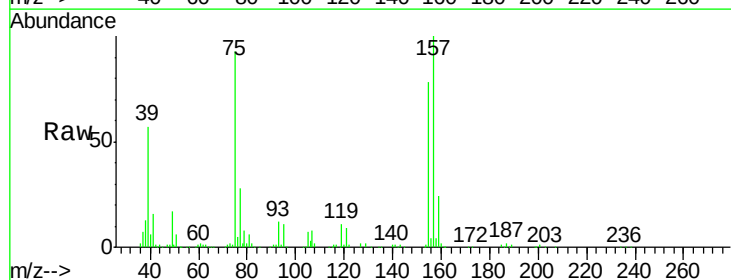
Manual Integrations
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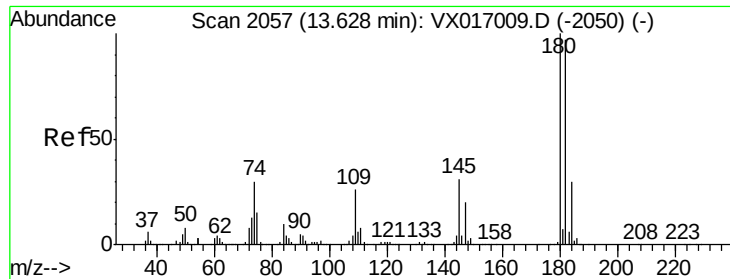
MMDadoda
 7/1/2020 10:49:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.044 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	45.1	135.2
157	111.5	56.5	169.3





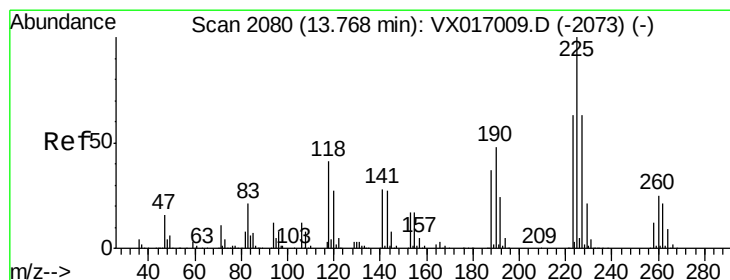
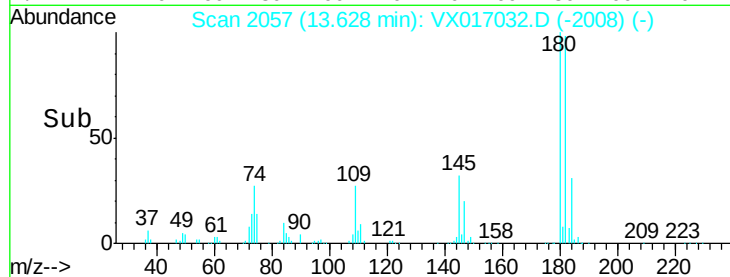
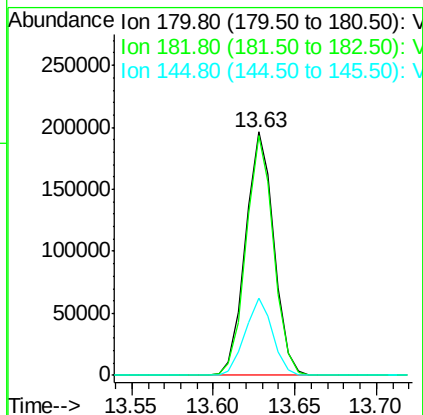
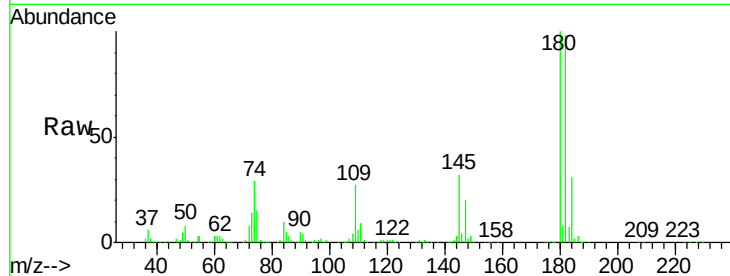
#93
 1,2,4-Trichlorobenzene
 Concen: 51.209 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	238107		
182	95.3	47.3	141.9	
145	30.9	15.4	46.2	

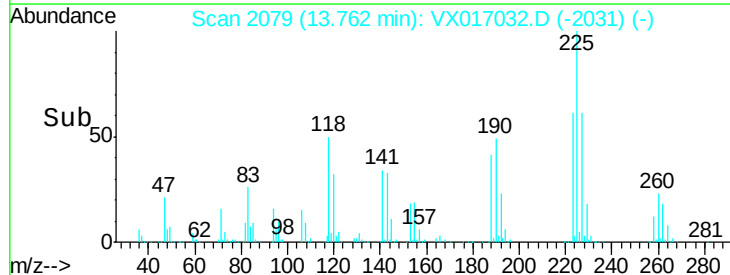
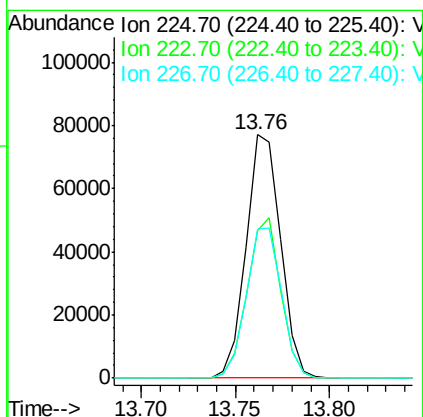
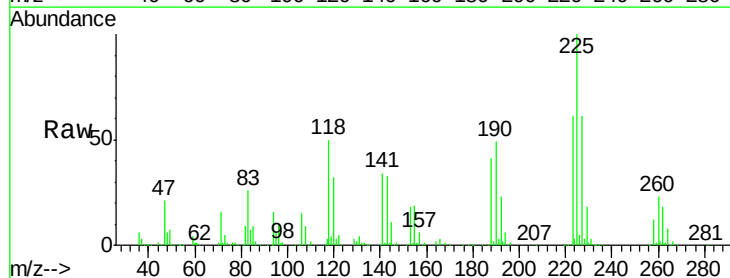
Manual Integrations
 APPROVED

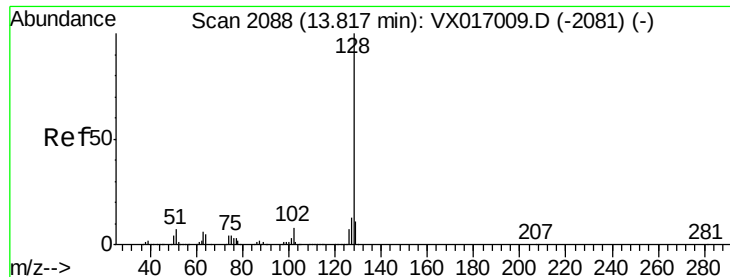
MMDadoda
 7/1/2020 10:49:09 AM



#94
 Hexachlorobutadiene
 Concen: 55.291 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97730		
223	64.0	32.5	97.5	
227	63.0	33.1	99.2	





#95

Naphthalene

Concen: 53.039 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

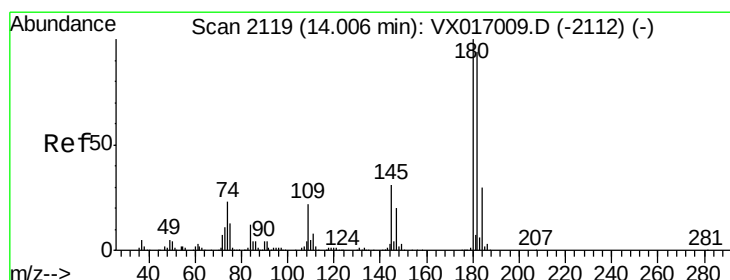
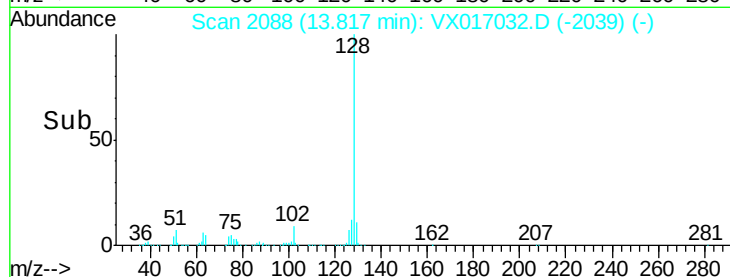
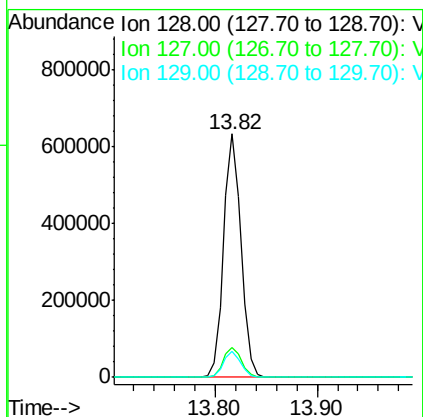
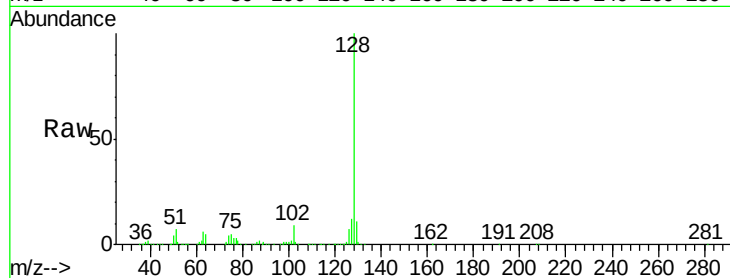
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	749753
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.992 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion:	180	Resp:	233955
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.1	141.4
145	32.7	16.6	49.7

