

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017294.D
 Acq On : 09 Jul 2020 06:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 11:00:08 AM

Quant Time: Jul 09 06:43:38 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	272689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	421913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177075	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	5.46	113	144059	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	8.70	98	513702	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	206838	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	127092	48.175	ug/l	98
3) Chloromethane	1.31	50	132694	41.554	ug/l	98
4) Vinyl Chloride	1.39	62	135594	45.766	ug/l	98
5) Bromomethane	1.62	94	74763	47.762	ug/l	100
6) Chloroethane	1.70	64	87405	49.951	ug/l	99
7) Trichlorofluoromethane	1.91	101	242577	55.360	ug/l	99
8) Diethyl Ether	2.17	74	82411	55.854	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137736	52.446	ug/l	98
10) Methyl Iodide	2.49	142	139075	41.040	ug/l	99
11) Tert butyl alcohol	3.02	59	178899	278.957	ug/l	98
12) 1,1-Dichloroethene	2.36	96	133728	49.568	ug/l	99
13) Acrolein	2.28	56	112715	294.014	ug/l	99
14) Allyl chloride	2.70	41	235745	47.283	ug/l	99
15) Acrylonitrile	3.12	53	434725	281.979	ug/l	99
16) Acetone	2.42	43	366534	291.459	ug/l	99
17) Carbon Disulfide	2.55	76	351046	46.631	ug/l	99
18) Methyl Acetate	2.75	43	201536	61.389	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	506437	55.931	ug/l	99
20) Methylene Chloride	2.84	84	161142	55.964	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152010	50.772	ug/l	97
22) Diisopropyl ether	3.82	45	487735	52.853	ug/l	98
23) Vinyl Acetate	3.79	43	2161959	272.639	ug/l	99
24) 1,1-Dichloroethane	3.67	63	273897	52.164	ug/l	99
25) 2-Butanone	4.64	43	580263	276.914	ug/l	99
26) 2,2-Dichloropropane	4.55	77	162027	34.754	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	169453	49.952	ug/l	98
28) Bromochloromethane	4.98	49	119088	46.608	ug/l	97
29) Tetrahydrofuran	5.09	42	379116	273.826	ug/l	99
30) Chloroform	5.18	83	291851	54.222	ug/l	98
31) Cyclohexane	5.55	56	216572	47.718	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	266581	53.778	ug/l	99
36) 1,1-Dichloropropene	5.77	75	203044	50.919	ug/l	98
37) Ethyl Acetate	4.80	43	227094	56.130	ug/l	100
38) Carbon Tetrachloride	5.75	117	242232	55.153	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	215600	48.595	ug/l	98
40) Benzene	6.12	78	607256	51.830	ug/l	99
41) Methacrylonitrile	5.00	41	124152	54.522	ug/l	97
42) 1,2-Dichloroethane	6.16	62	239318	56.550	ug/l	100
43) Isopropyl Acetate	6.42	43	369252	54.923	ug/l	99
44) Trichloroethene	7.19	130	177888	55.053	ug/l	100
45) 1,2-Dichloropropane	7.49	63	158811	52.775	ug/l	100
46) Dibromomethane	7.64	93	113524	55.257	ug/l	96
47) Bromodichloromethane	7.88	83	235357	55.589	ug/l	99
48) Methyl methacrylate	7.74	41	184632	57.805	ug/l	98
49) 1,4-Dioxane	7.71	88	73293	1012.882	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1162819	290.155	ug/l	100
52) Toluene	8.77	92	393394	53.779	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	243166	52.055	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	256831	51.288	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	169056	56.566	ug/l	98
56) Ethyl methacrylate	9.16	69	250830	58.965	ug/l	100
57) 1,3-Dichloropropane	9.35	76	272742	53.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	583546	275.634	ug/l	99
59) 2-Hexanone	9.48	43	892292	304.862	ug/l	100
60) Dibromochloromethane	9.57	129	201539	58.060	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179961	56.019	ug/l	100
64) Tetrachloroethene	9.32	164	170130	51.817	ug/l	97
65) Chlorobenzene	10.12	112	433190	51.592	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	178694	55.222	ug/l	99
67) Ethyl Benzene	10.23	91	754788	53.828	ug/l	100
68) m/p-Xylenes	10.34	106	588238	109.255	ug/l	99
69) o-Xylene	10.68	106	279316	54.534	ug/l	99
70) Styrene	10.70	104	495924	56.859	ug/l	99
71) Bromoform	10.84	173	158638	61.822	ug/l	99
73) Isopropylbenzene	11.00	105	758986	49.702	ug/l	100
74) N-amyl acetate	10.88	43	334481	51.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	247692	51.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	237265m	51.754	ug/l	
77) Bromobenzene	11.24	156	210674	50.197	ug/l	95
78) n-propylbenzene	11.34	91	858674	49.725	ug/l	99
79) 2-Chlorotoluene	11.40	91	530034	50.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	652811	51.538	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	78344	44.254	ug/l	95
82) 4-Chlorotoluene	11.49	91	625822	50.091	ug/l	100
83) tert-Butylbenzene	11.76	119	639798	51.455	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	669005	52.061	ug/l	100
85) sec-Butylbenzene	11.93	105	744356	50.927	ug/l	99
86) p-Isopropyltoluene	12.05	119	706858	51.950	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	377420	49.514	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	386994	53.851	ug/l	99
89) n-Butylbenzene	12.37	91	575912	47.403	ug/l	99
90) Hexachloroethane	12.58	117	137364	51.194	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	363042	50.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60188	52.525	ug/l	98

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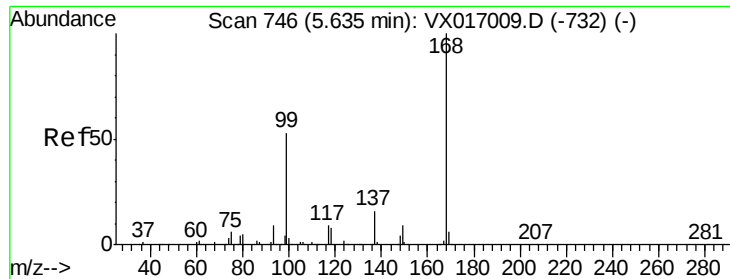
Manual Integrations
APPROVED

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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)
93) 1,2,4-Trichlorobenzene	13.63	180	242164	49.795	ug/l	100
94) Hexachlorobutadiene	13.77	225	94651	51.261	ug/l	96
95) Naphthalene	13.82	128	792726	53.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	246397	52.354	ug/l	98

(#) = 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: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 272689

Ion Ratio Lower Upper

168 100

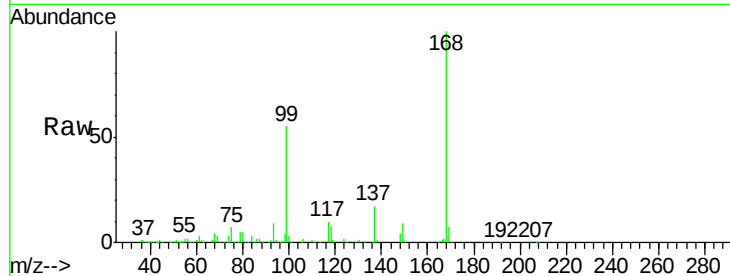
99 55.2 42.6 64.0

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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

100000

80000

60000

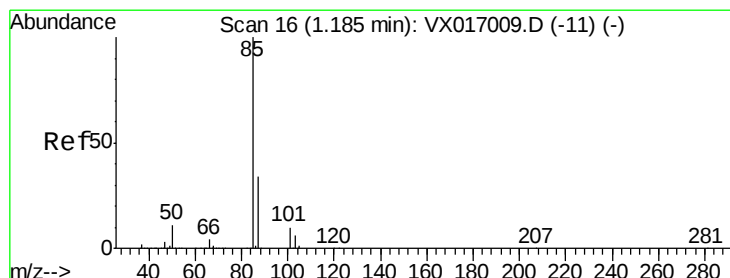
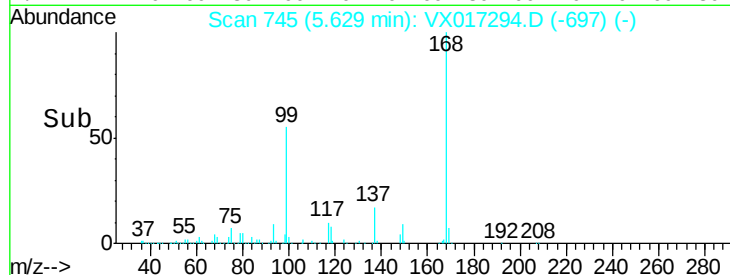
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.175 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017294.D

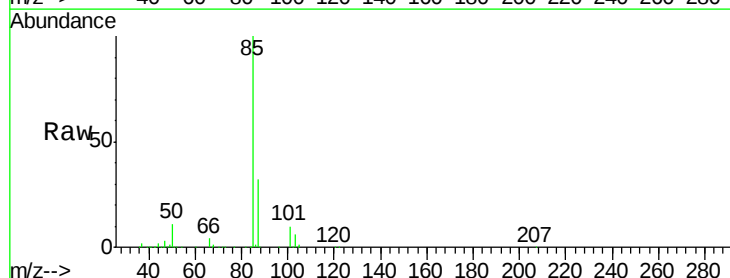
Acq: 09 Jul 2020 06:14

Tgt Ion: 85 Resp: 127092

Ion Ratio Lower Upper

85 100

87 32.2 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

150000

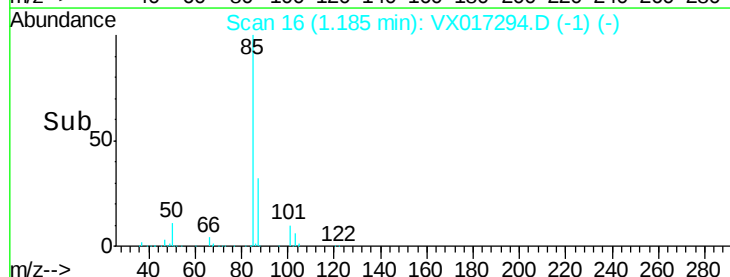
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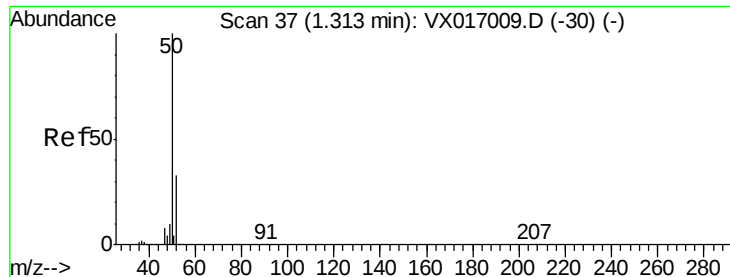
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.554 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 132694

Ion Ratio Lower Upper

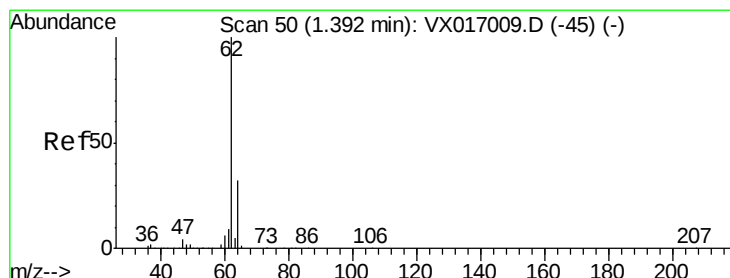
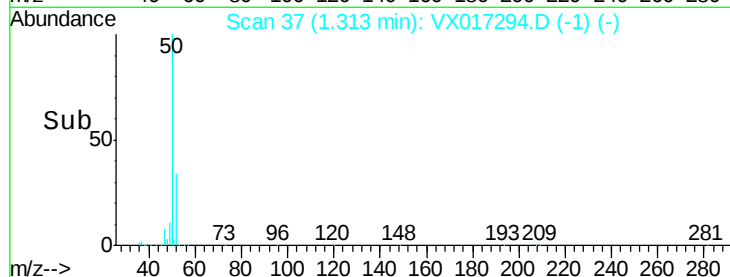
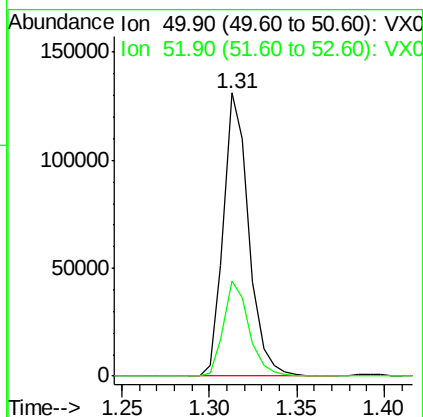
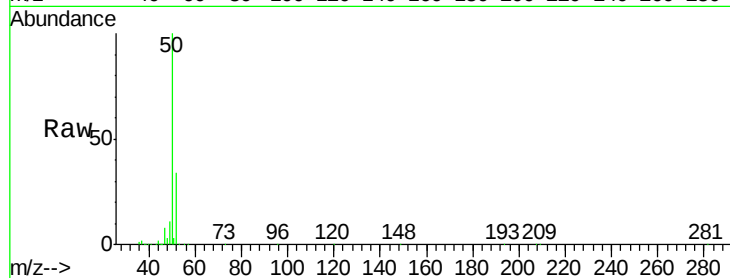
50 100

52 33.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 45.766 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017294.D

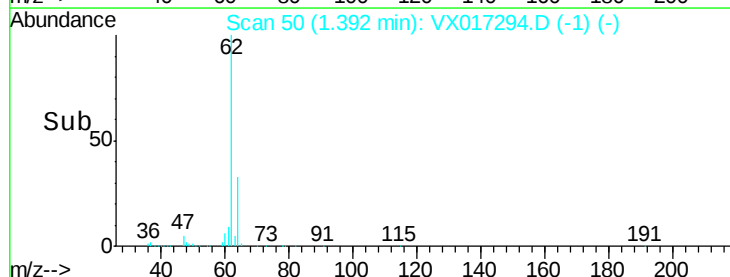
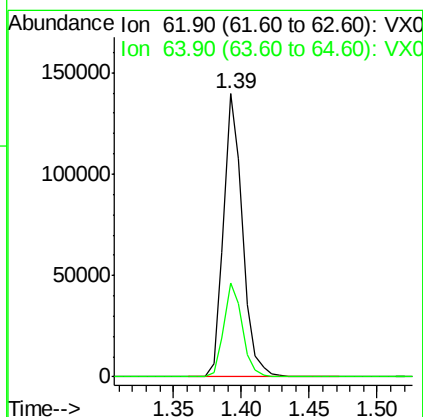
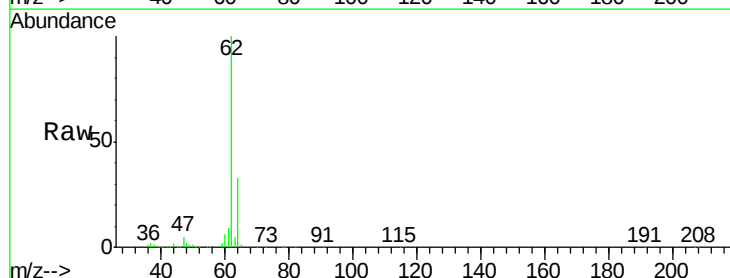
Acq: 09 Jul 2020 06:14

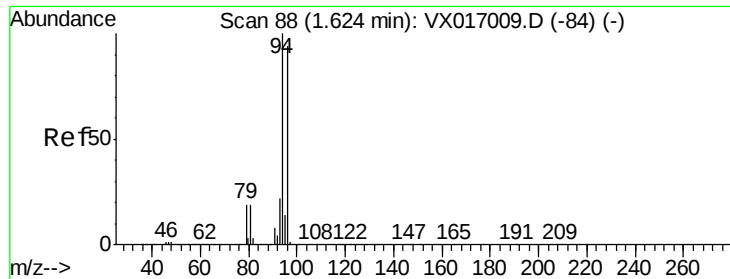
Tgt Ion: 62 Resp: 135594

Ion Ratio Lower Upper

62 100

64 33.3 25.9 38.9





#5

Bromomethane

Concen: 47.762 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tot Ion: 94 Resp: 74763

Ion Ratio Lower Upper

94 100

96 93.4 75.0 112.4

Instrument :

MSVOA_X

ClientSampleId :

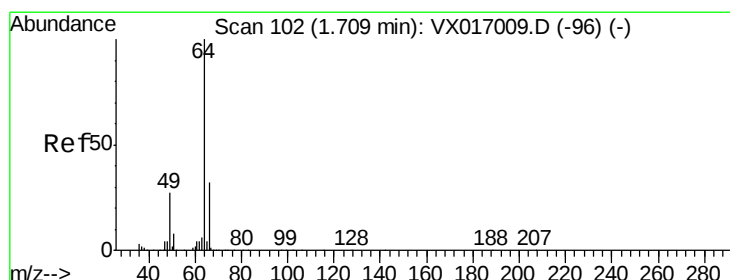
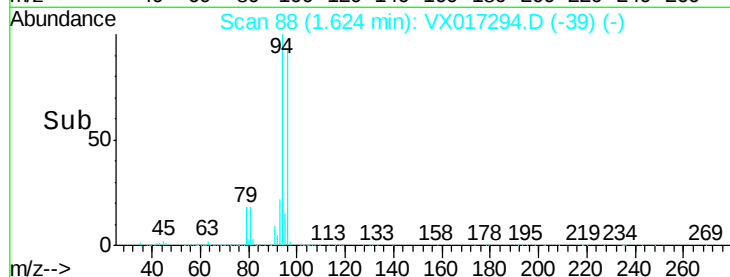
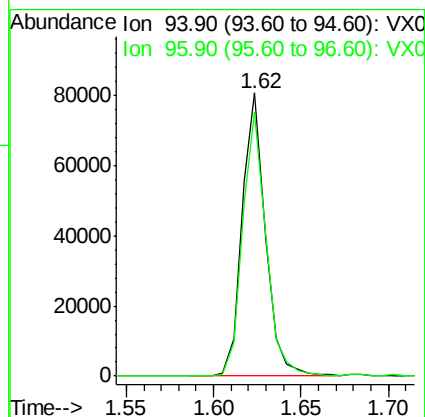
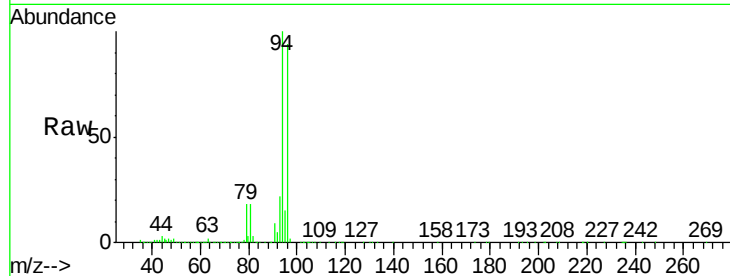
VSTDCCC050EC

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#6

Chloroethane

Concen: 49.951 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017294.D

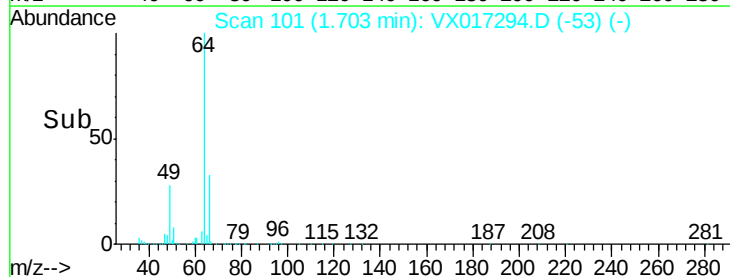
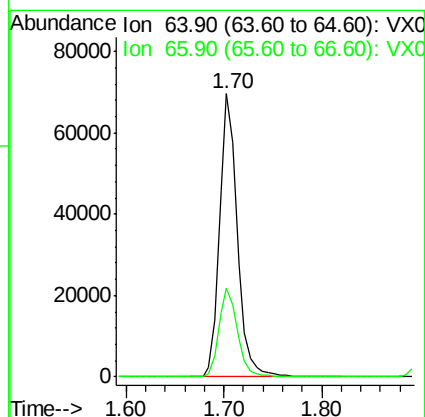
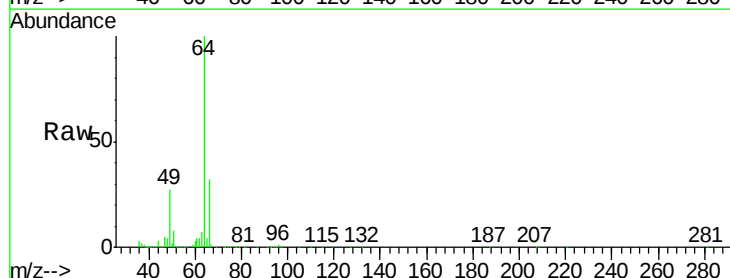
Acq: 09 Jul 2020 06:14

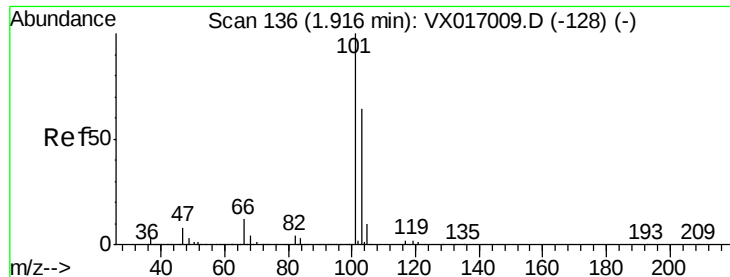
Tgt Ion: 64 Resp: 87405

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3





#7

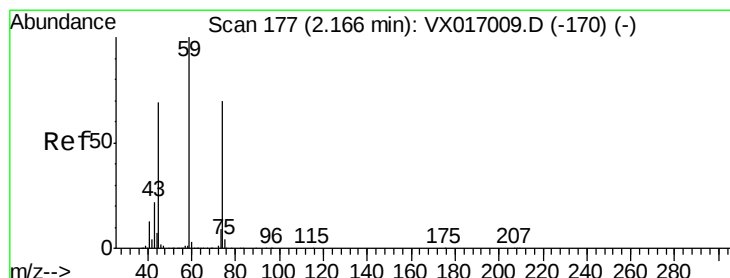
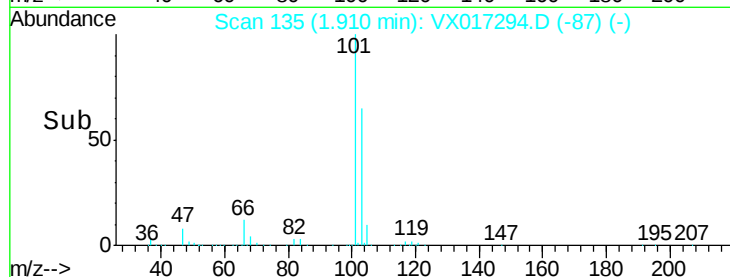
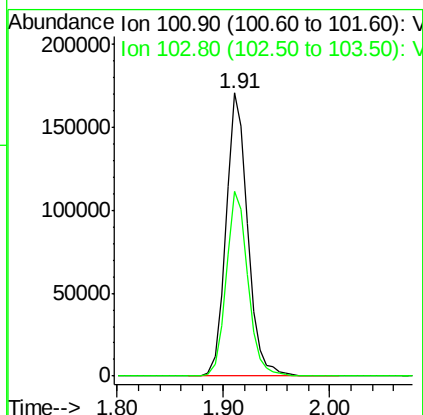
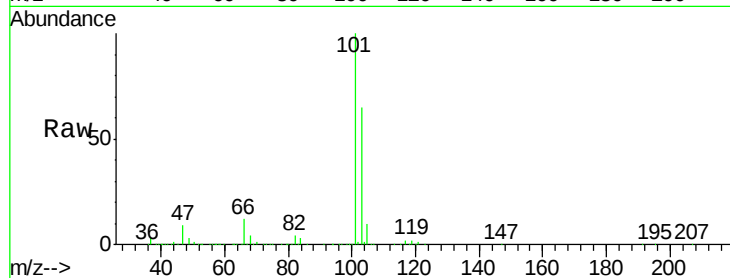
Trichlorofluoromethane
Concen: 55.360 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.5	77.3

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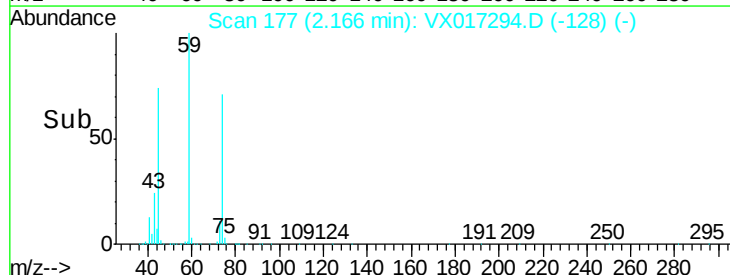
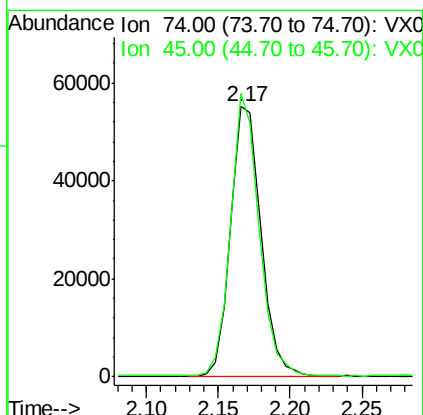
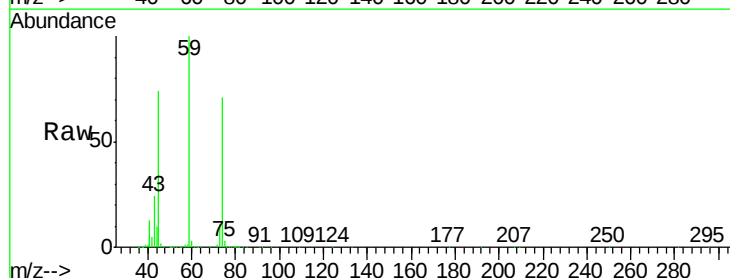
MMDadoda
7/9/2020 11:00:08 AM

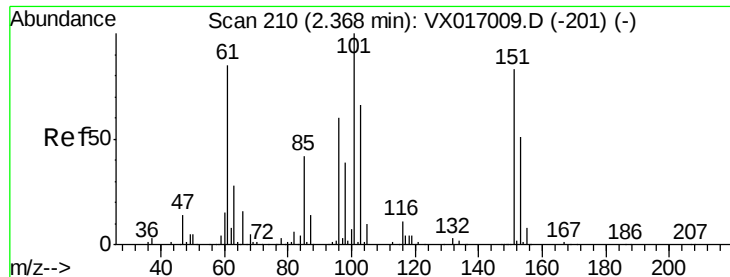


#8

Diethyl Ether
Concen: 55.854 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	49.8	149.3





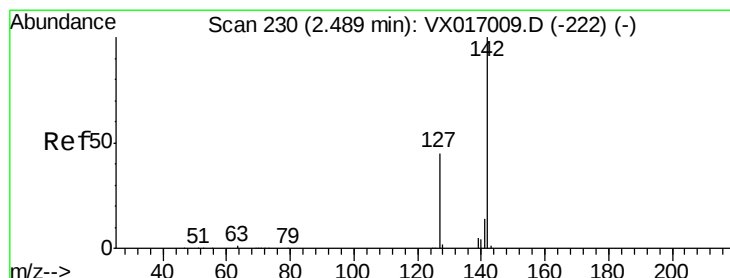
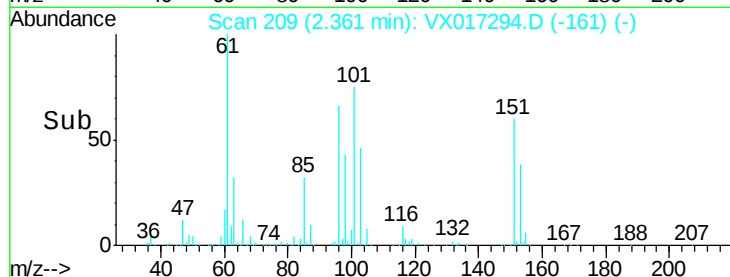
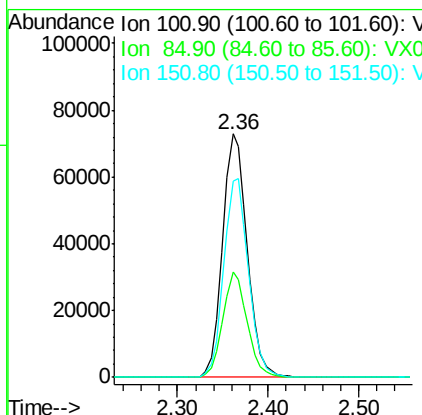
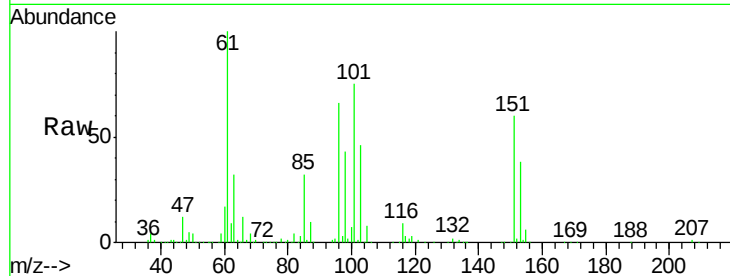
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.446 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.8	33.5	50.3
151	82.1	63.8	95.6

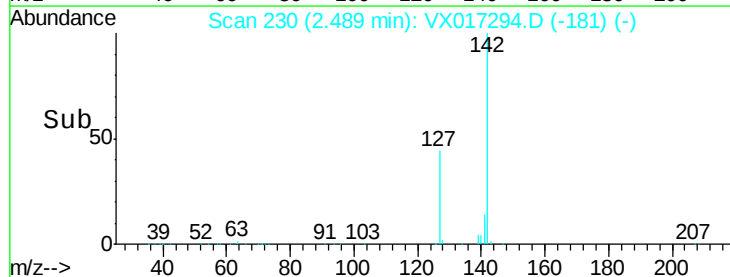
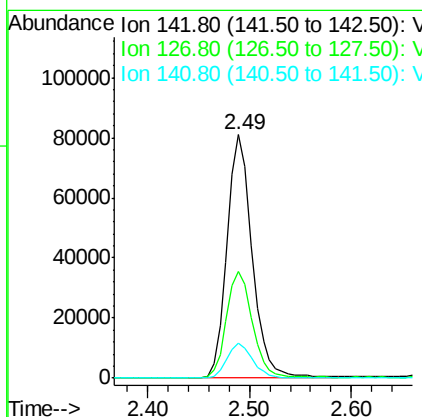
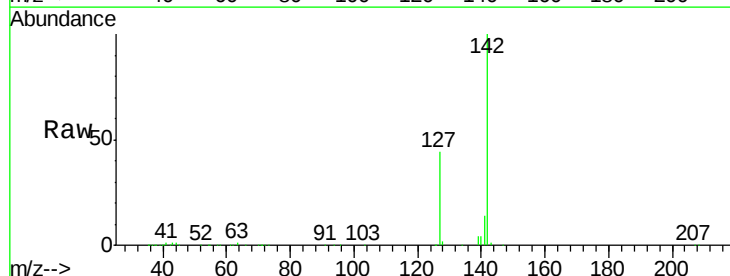
Manual Integrations
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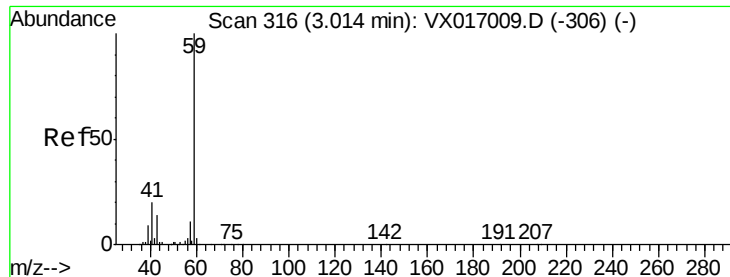
MMDadoda
 7/9/2020 11:00:08 AM



#10
 Methyl Iodide
 Concen: 41.040 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.6	54.8
141	14.5	11.6	17.4





#11

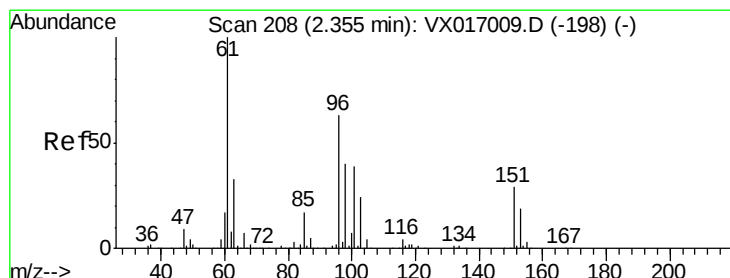
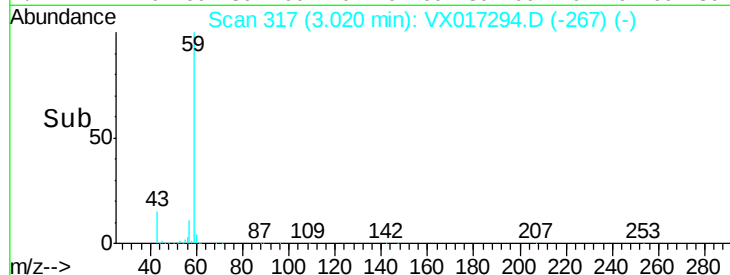
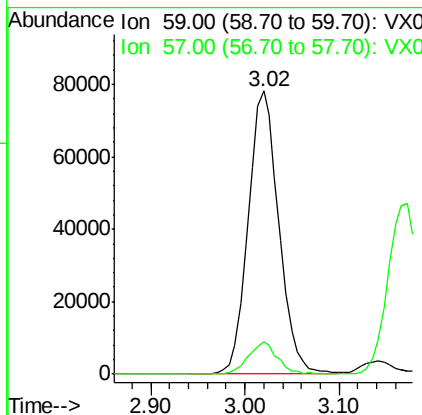
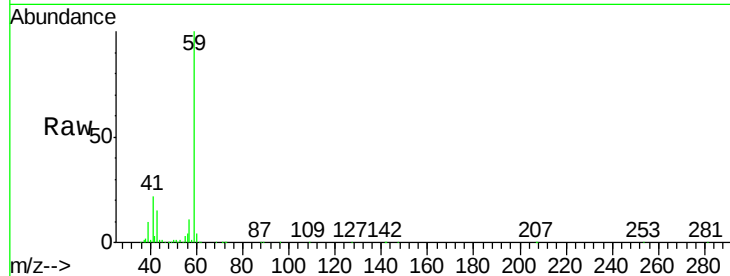
Tert butyl alcohol
Concen: 278.957 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.8	Resp	178899	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.8	Resp	178899	Lower	8.2	Upper	12.2

Manual Integrations
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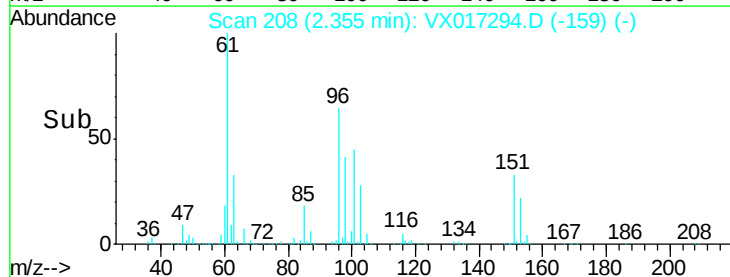
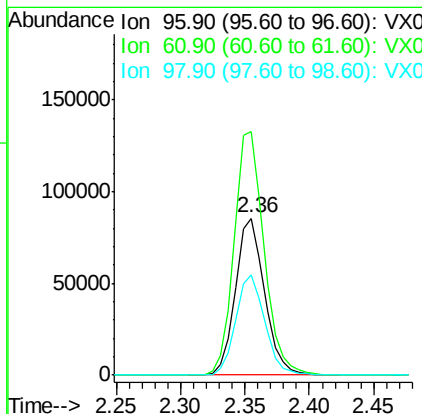
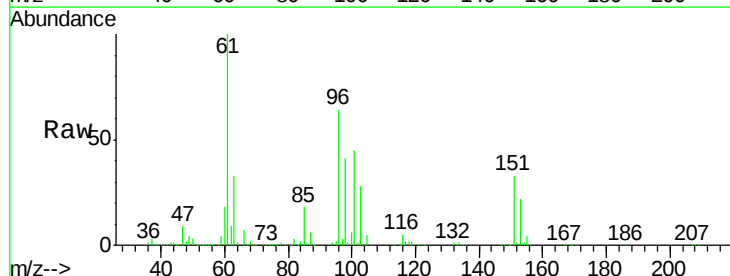
MMDadoda
7/9/2020 11:00:08 AM

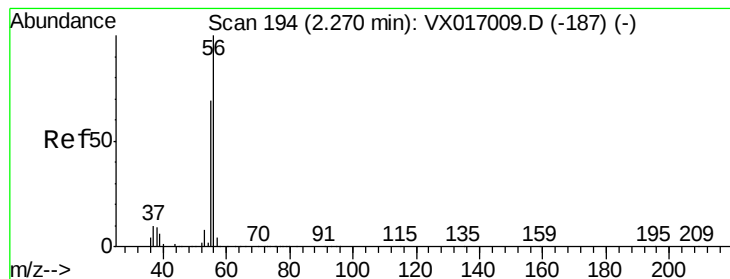


#12

1,1-Dichloroethene
Concen: 49.568 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	96	61	98	Ratio	100	155.3	63.9	Resp	133728	Lower	126.3	51.0	Upper	189.5	76.6
Ion	96	61	98	Ratio	100	155.3	63.9	Resp	133728	Lower	126.3	51.0	Upper	189.5	76.6





#13

Acrolein

Concen: 294.014 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 112715

Ion Ratio Lower Upper

56 100

55 70.7

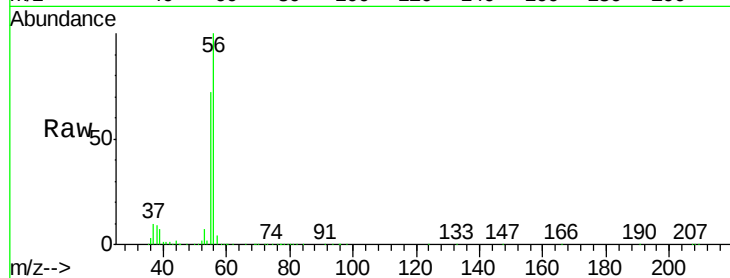
55.7 83.5

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

80000

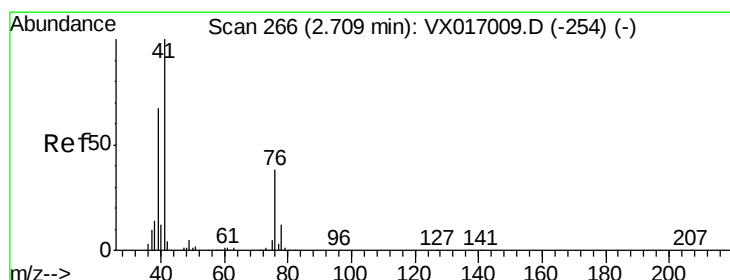
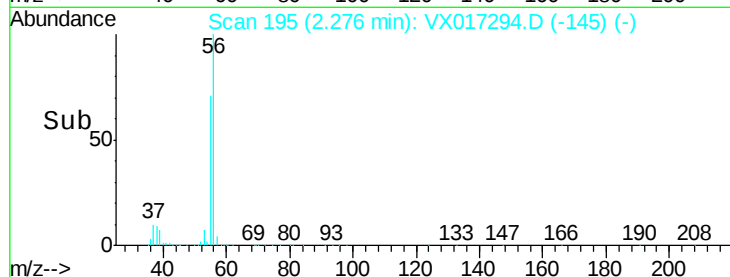
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 47.283 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion: 41 Resp: 235745

Ion Ratio Lower Upper

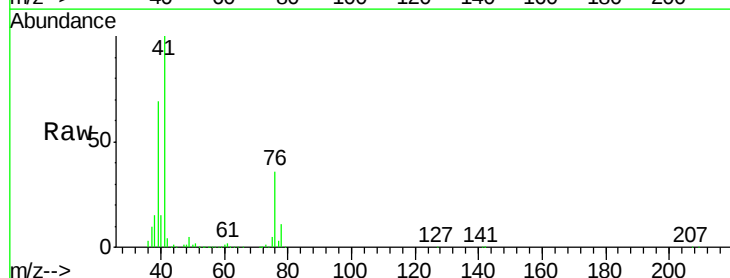
41 100

39 63.0

76 33.5

49.4 74.2

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

250000

200000

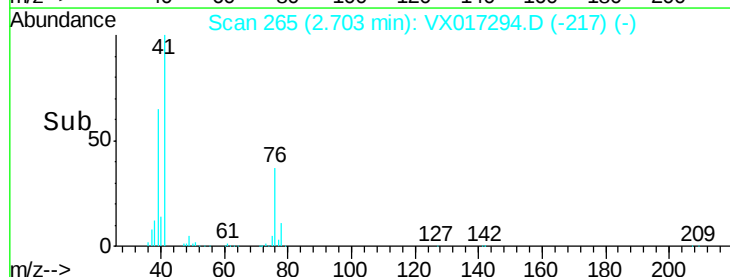
150000

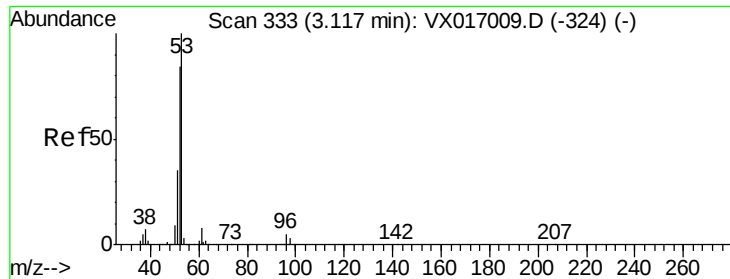
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 281.979 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

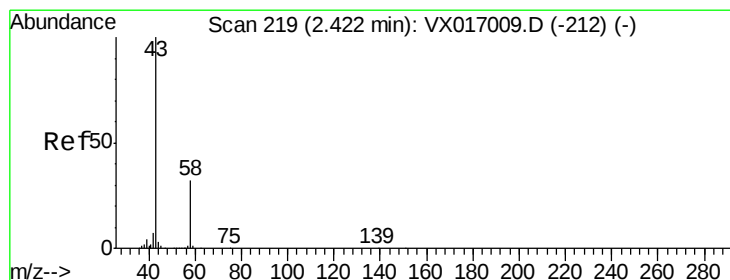
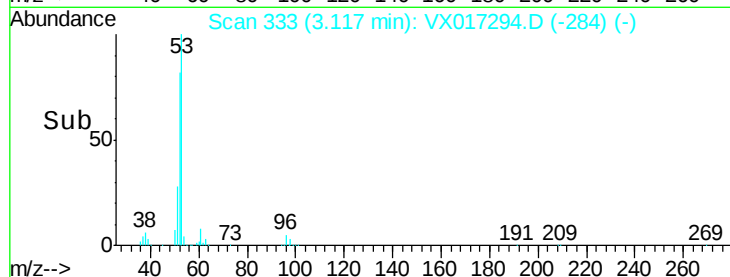
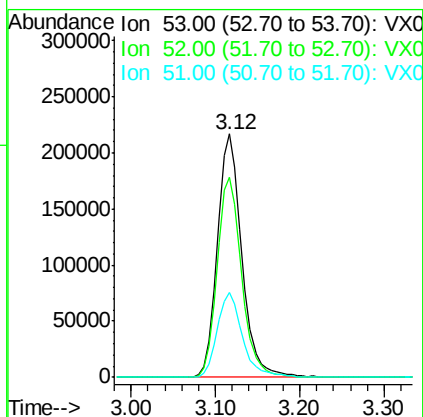
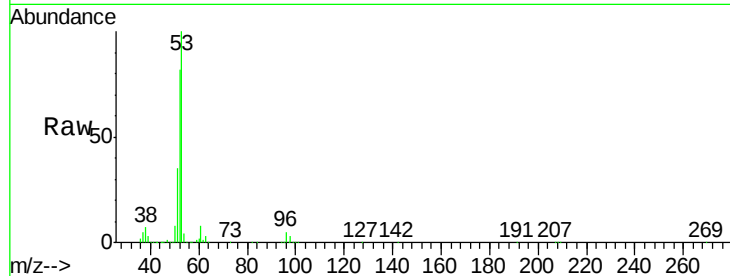
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	434725
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.6	98.4
51	36.1	28.3	42.5

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#16

Acetone

Concen: 291.459 ug/l

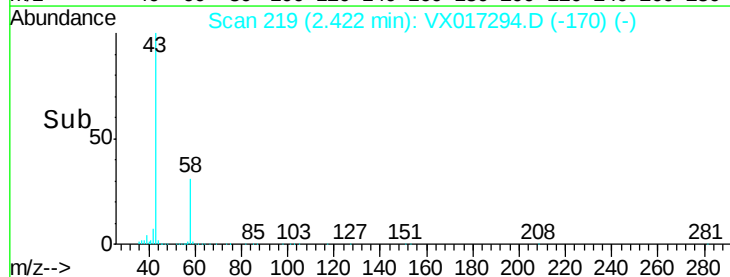
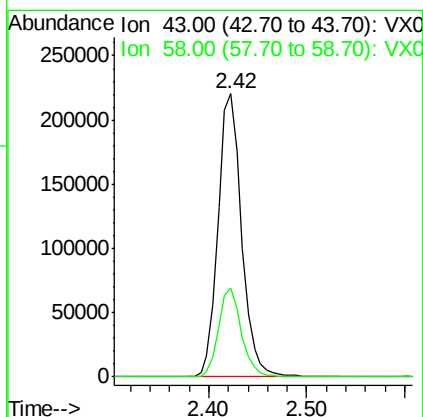
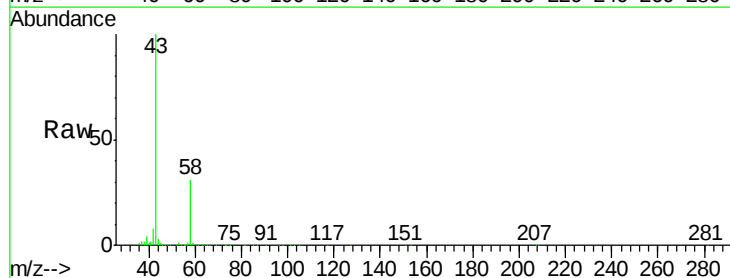
RT: 2.42 min Scan# 219

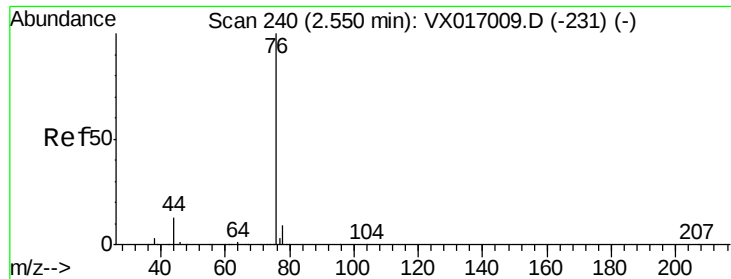
Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion:	43	Resp:	366534
Ion Ratio	Lower	Upper	
43	100		
58	31.4	25.7	38.5





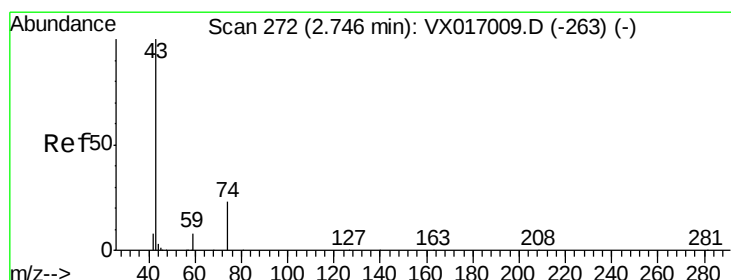
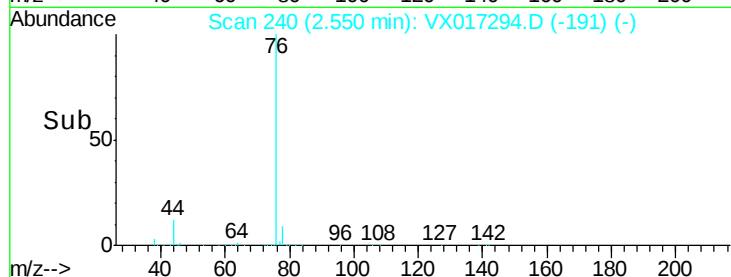
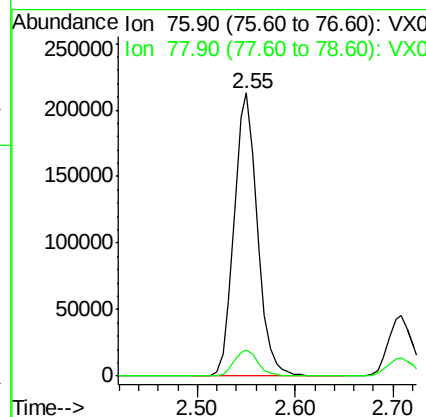
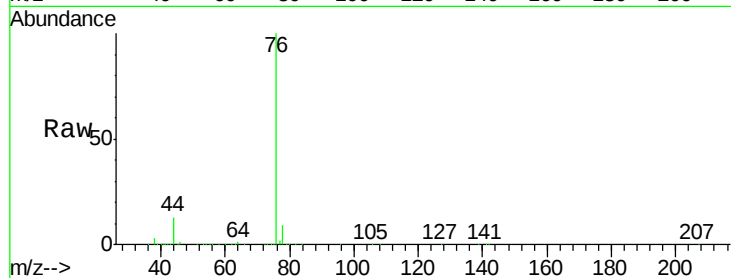
#17
Carbon Disulfide
Concen: 46.631 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

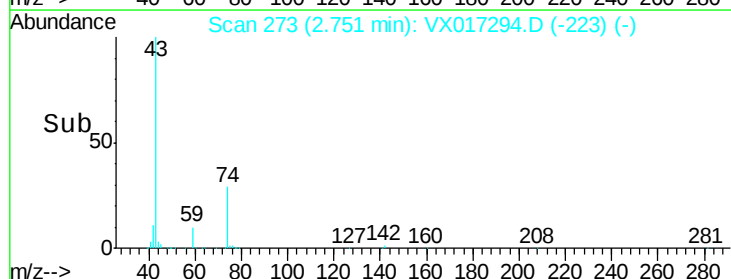
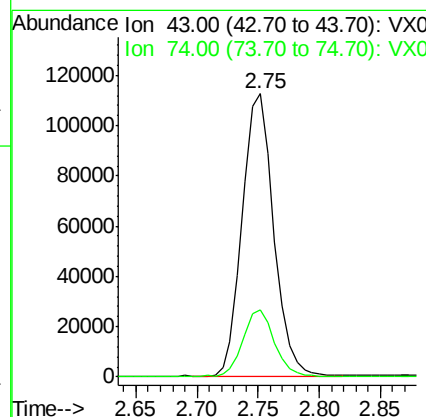
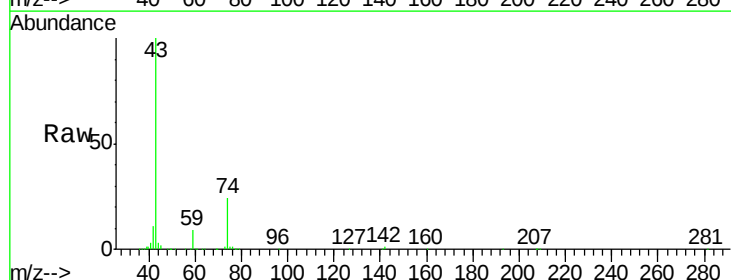
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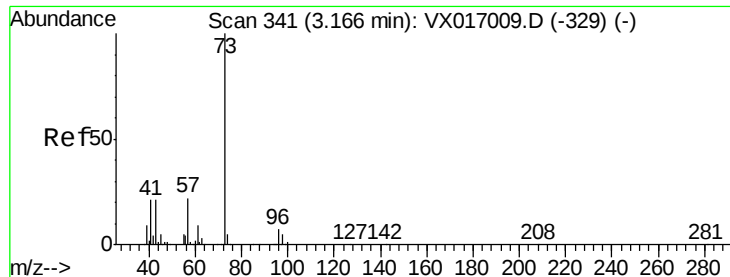
MMDadoda
7/9/2020 11:00:08 AM



#18
Methyl Acetate
Concen: 61.389 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.3	28.9





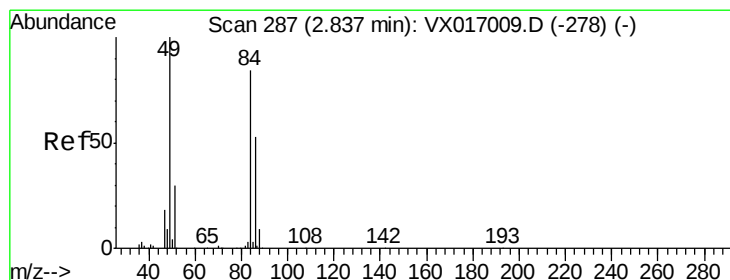
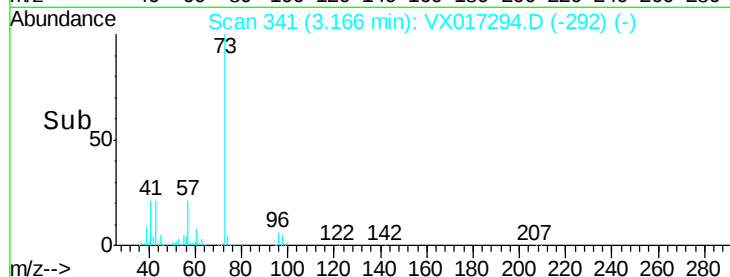
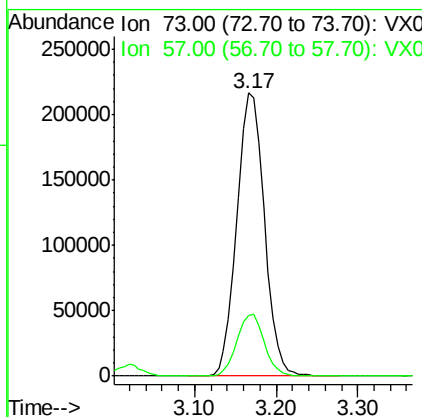
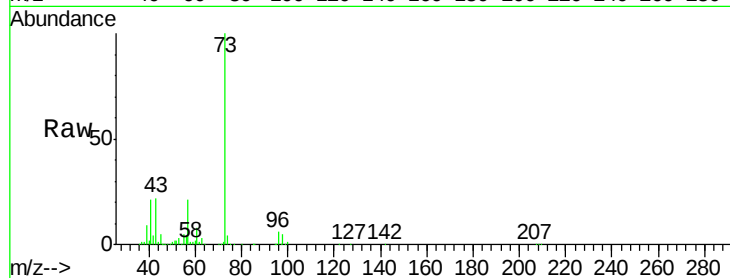
#19
Methvl tert-butvl Ether
Concen: 55.931 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.6	26.4

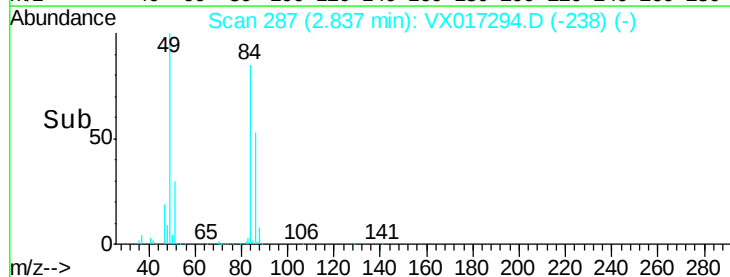
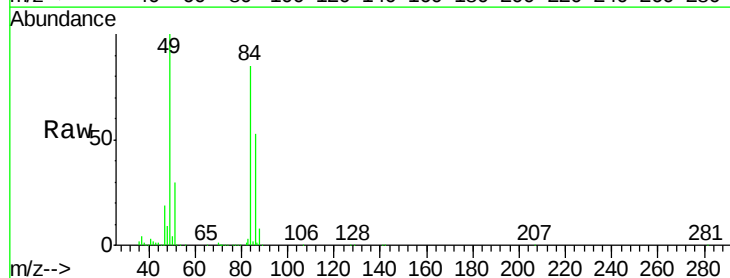
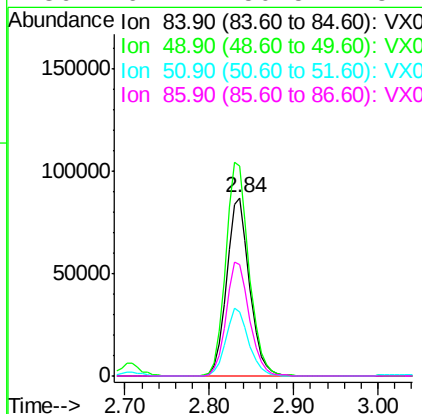
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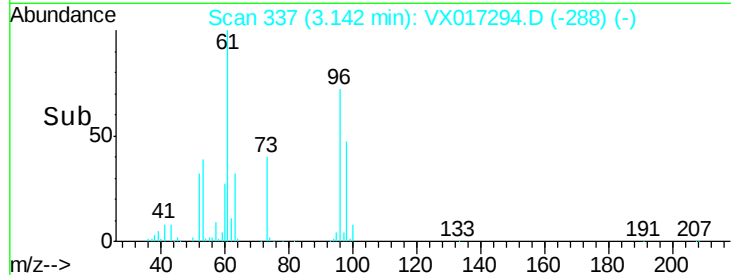
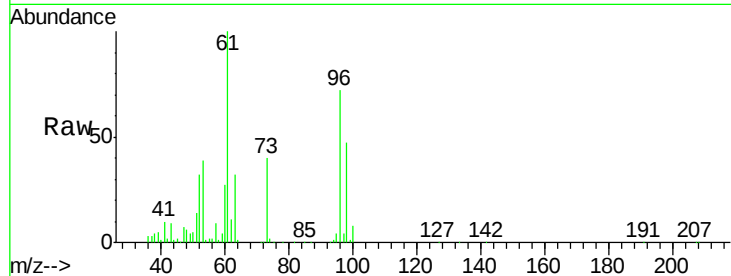
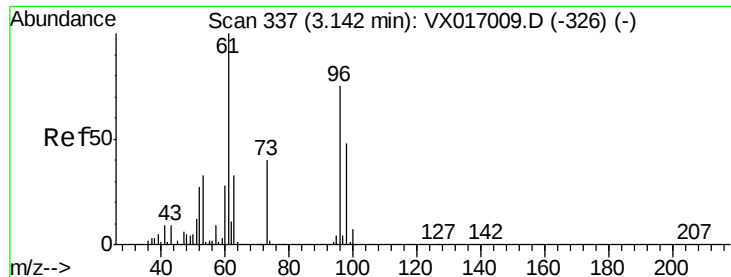
MMDadoda
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#20
Methylene Chloride
Concen: 55.964 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.8	94.7	142.1
51	35.8	28.6	42.8
86	62.2	50.5	75.7





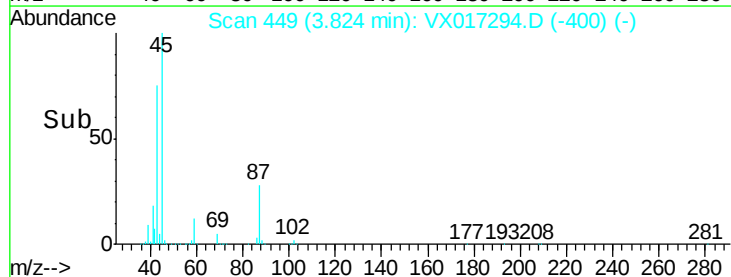
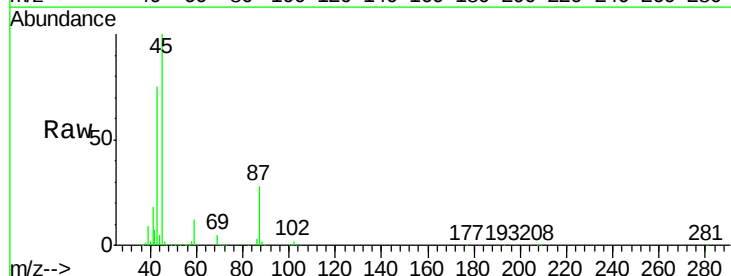
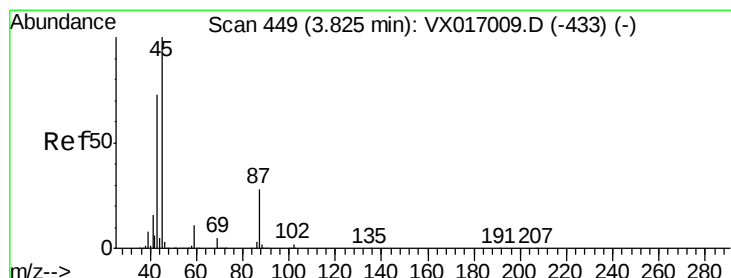
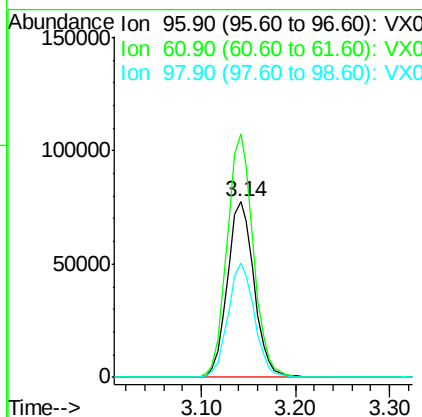
#21
trans-1,2-Dichloroethene
Concen: 50.772 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	138.7	107.0	160.6	
98	65.2	51.6	77.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

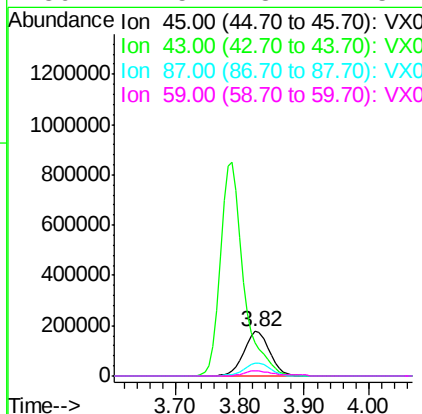
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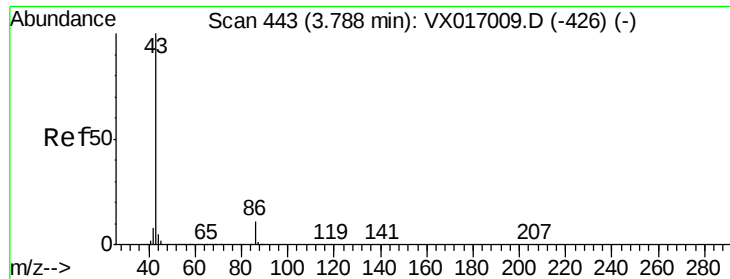
MMDadoda
7/9/2020 11:00:08 AM



#22
Diisopropyl ether
Concen: 52.853 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	75.0	58.6	88.0	
87	28.4	22.6	34.0	
59	11.5	8.7	13.1	





#23

Vinyl Acetate

Concen: 272.639 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2161959

Ion Ratio Lower Upper

43 100

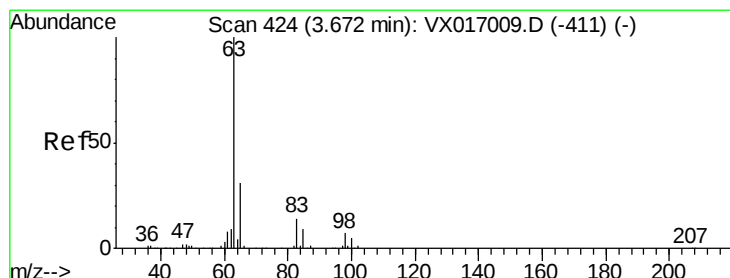
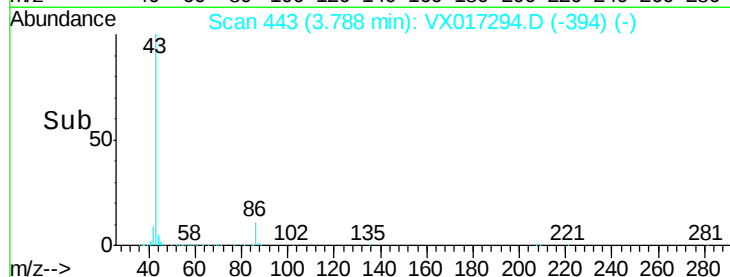
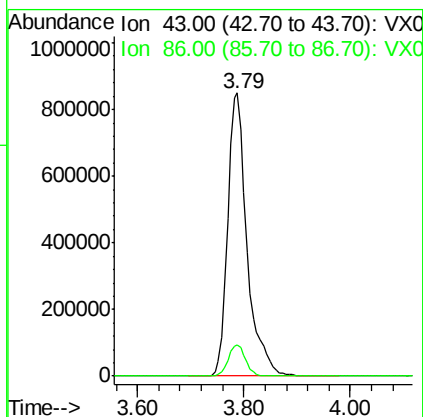
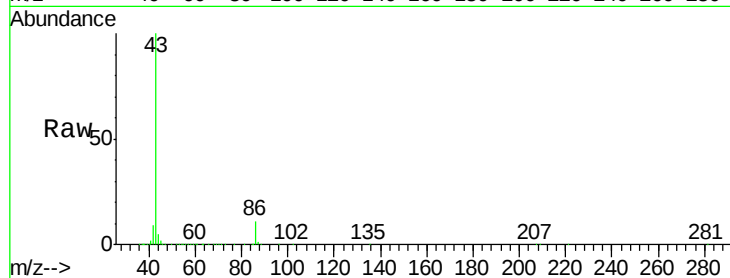
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 52.164 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

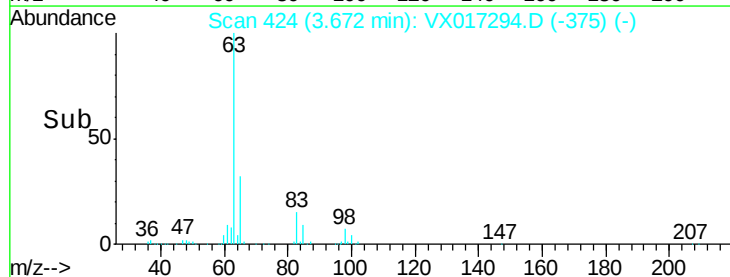
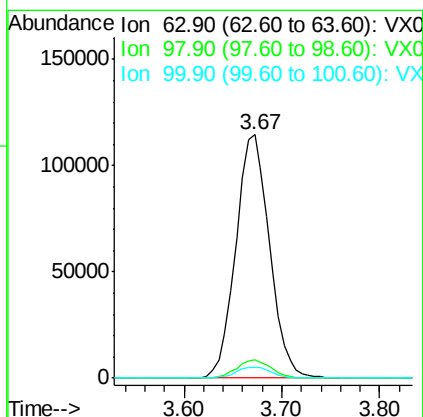
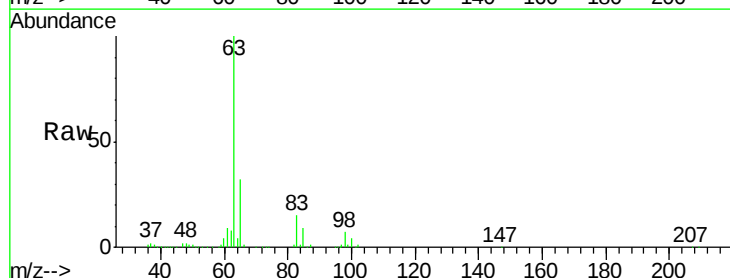
Tgt Ion: 63 Resp: 273897

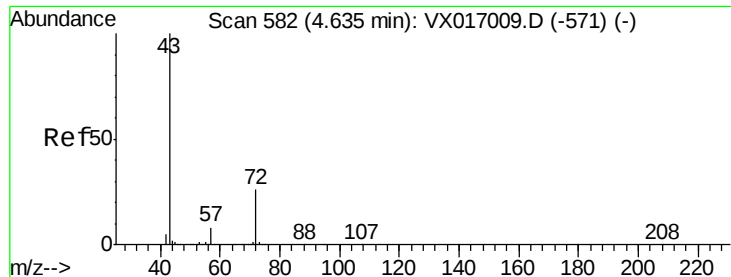
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 276.914 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 580263

Ion Ratio Lower Upper

43 100

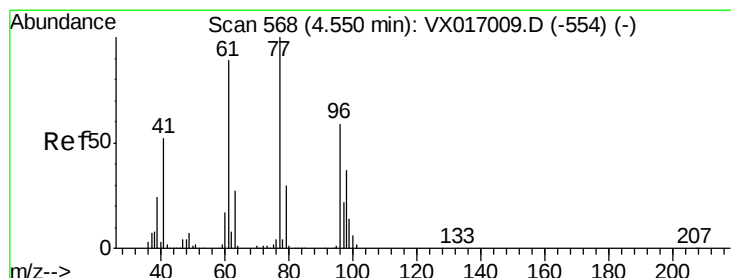
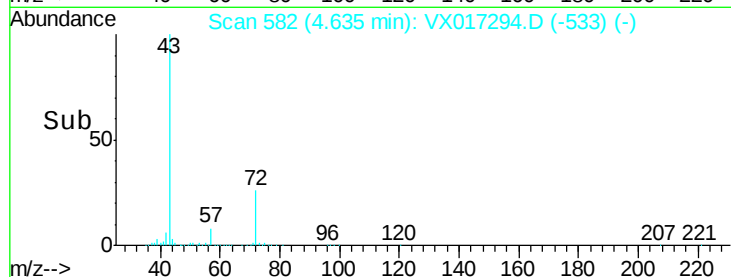
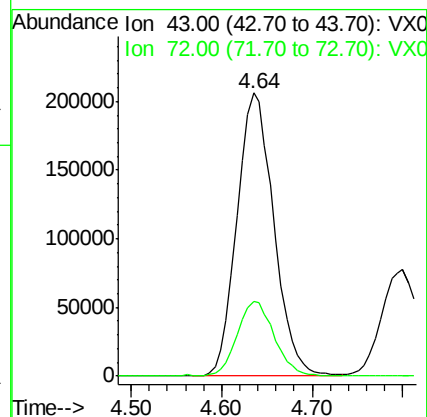
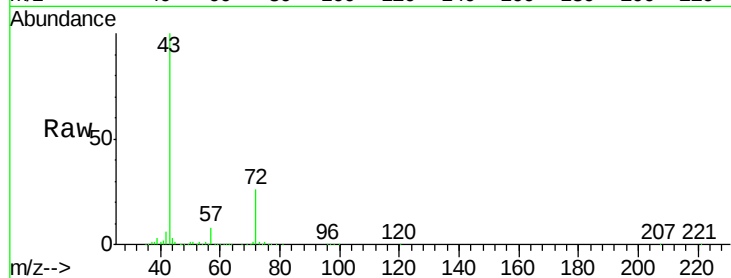
72 26.3 20.8 31.2

Manual Integrations

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7/9/2020 11:00:08 AM



#26

2,2-Dichloropropane

Concen: 34.754 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017294.D

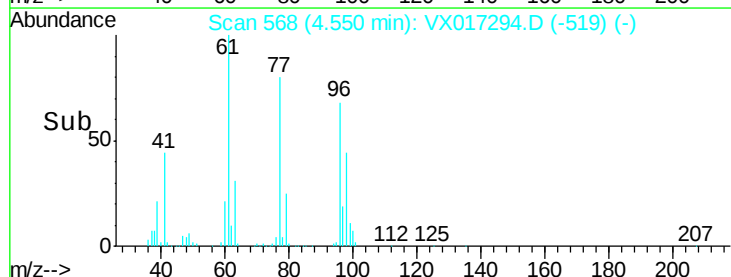
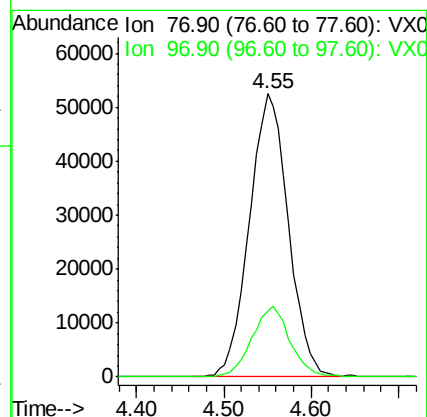
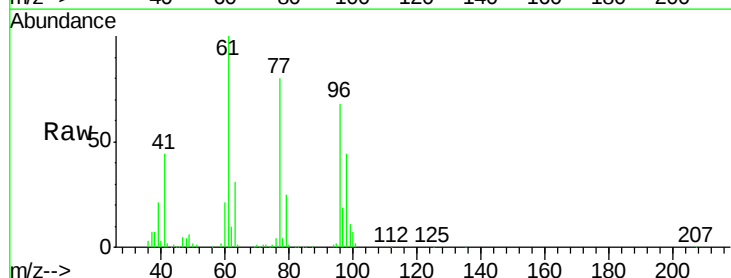
Acq: 09 Jul 2020 06:14

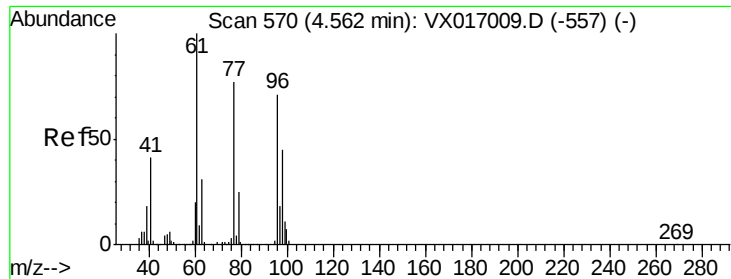
Tgt Ion: 77 Resp: 162027

Ion Ratio Lower Upper

77 100

97 24.3 11.4 34.2





#27

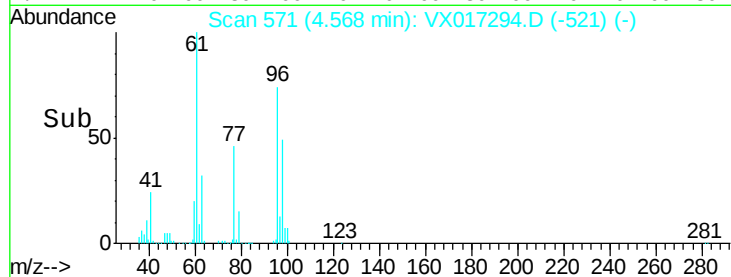
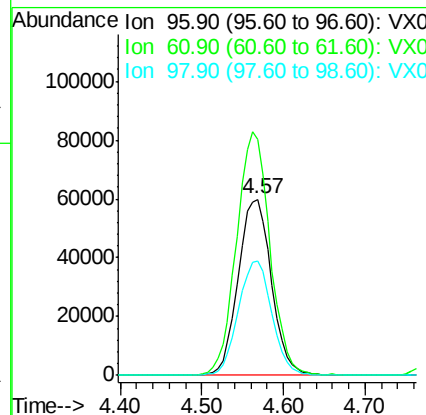
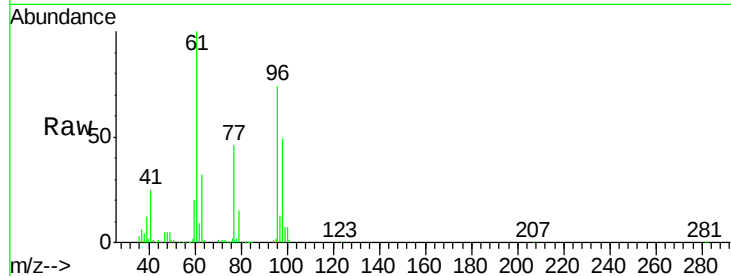
cis-1,2-Dichloroethene
Concen: 49.952 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	282.8
98	65.2	0.0	127.6

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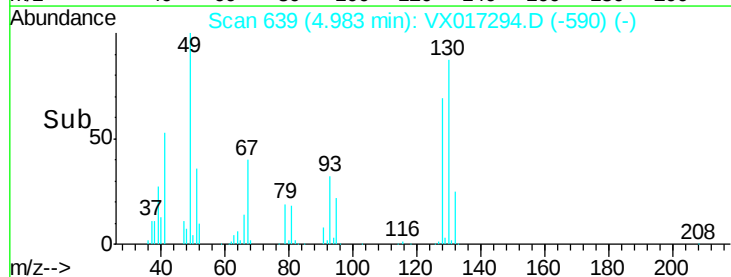
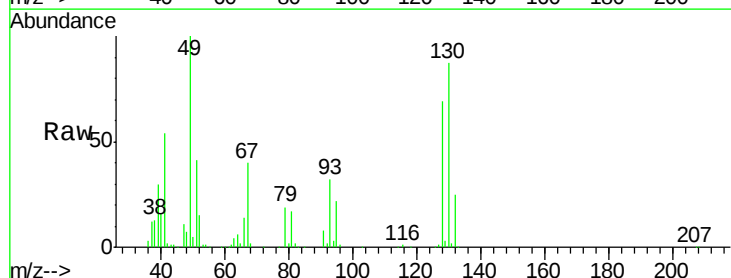
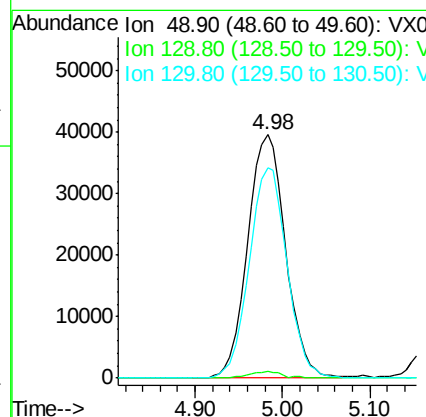
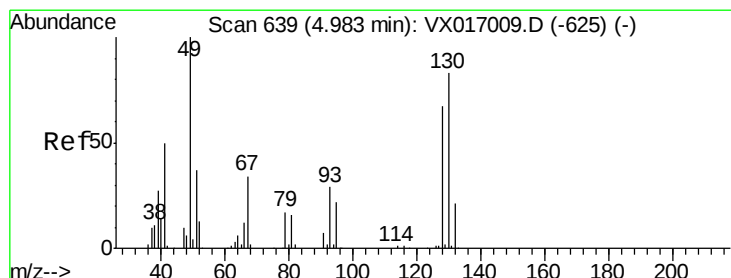
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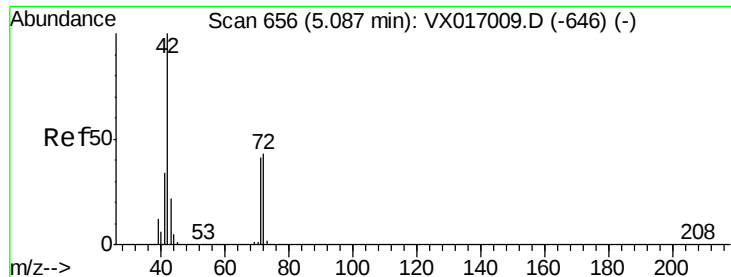


#28

Bromochloromethane
Concen: 46.608 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	86.0	66.6	100.0





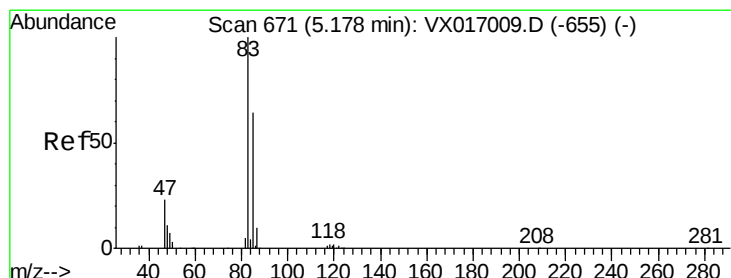
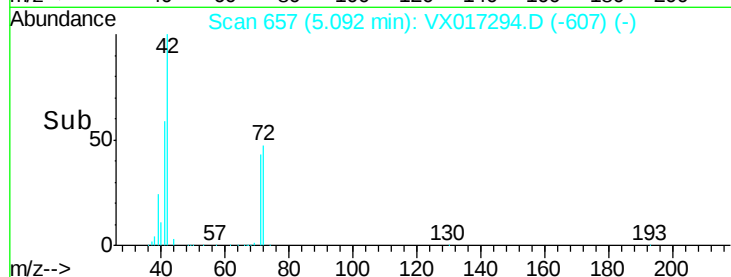
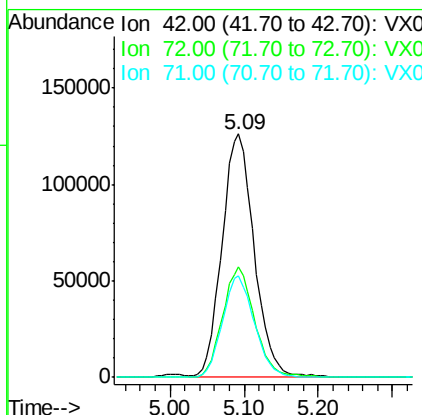
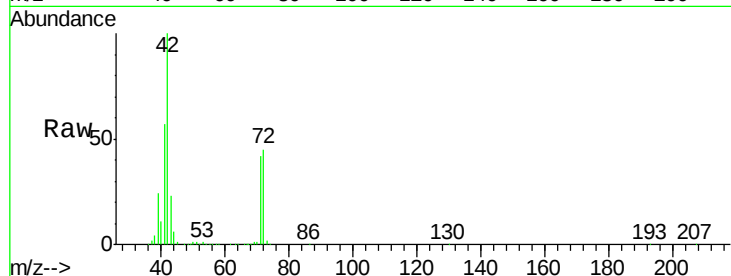
#29
Tetrahydrofuran
Concen: 273.826 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.3	52.9
71	41.5	33.1	49.7

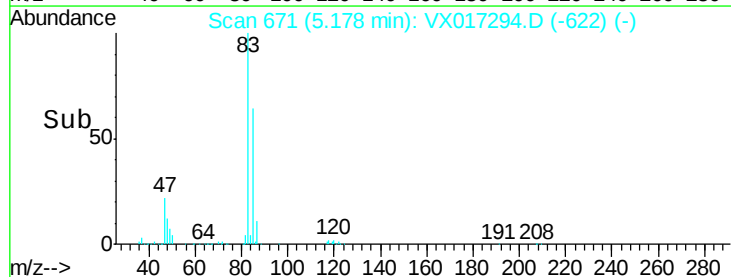
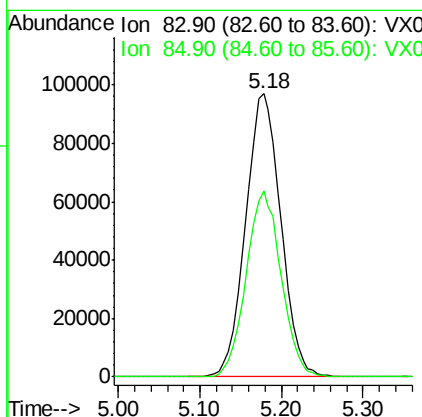
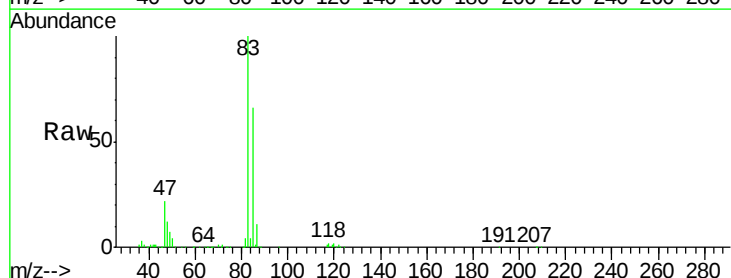
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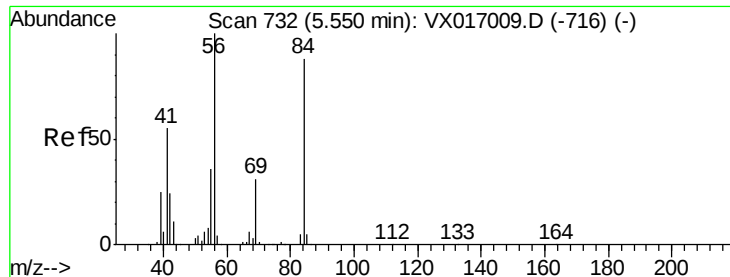
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#30
Chloroform
Concen: 54.222 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.4	77.2





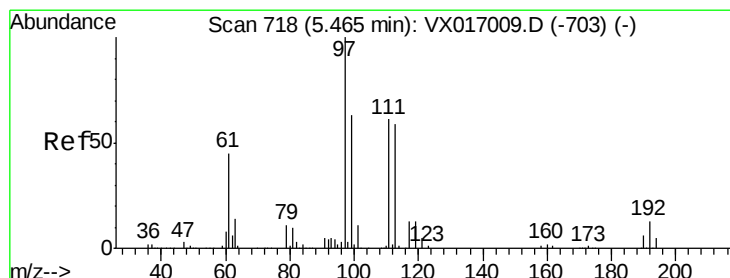
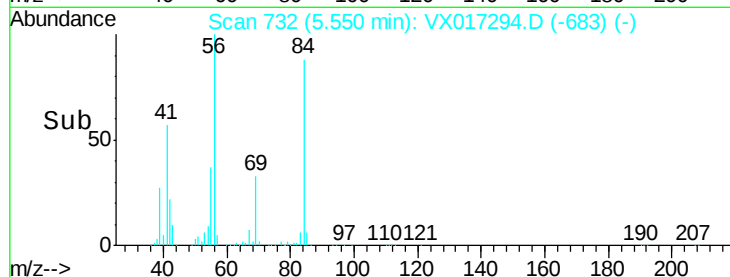
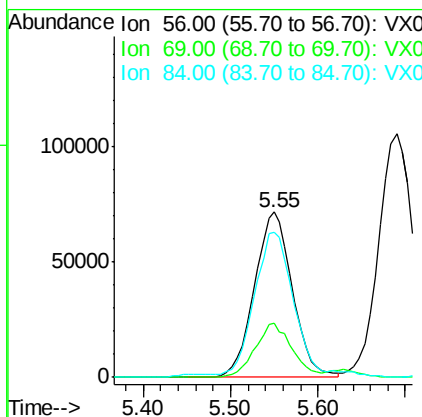
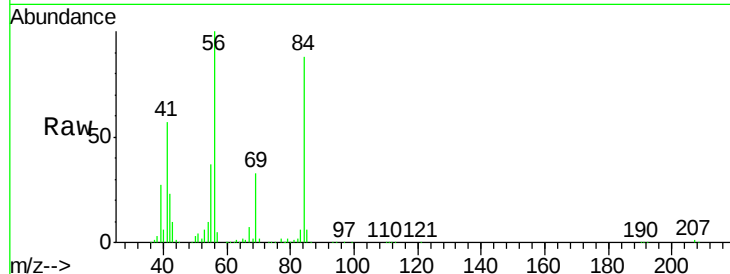
#31
Cyclohexane
Concen: 47.718 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.0	37.4
84	86.2	69.1	103.7

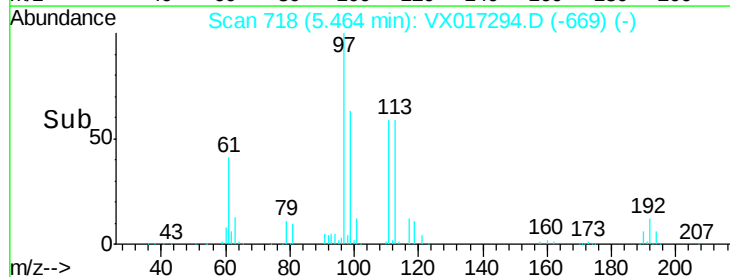
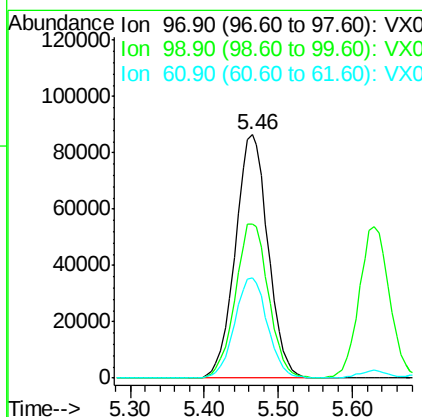
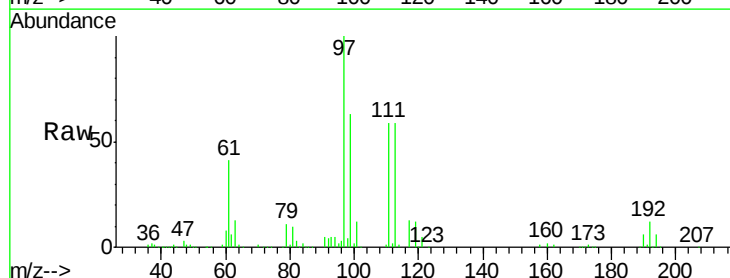
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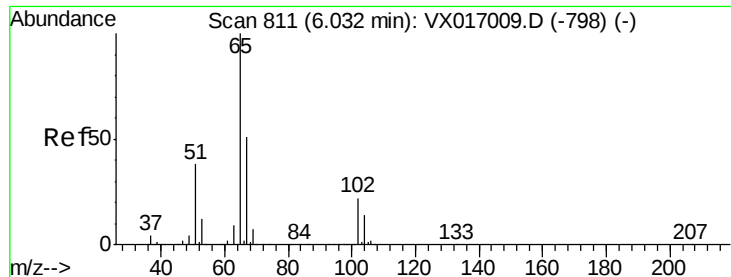
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#32
1,1,1-Trichloroethane
Concen: 53.778 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	41.5	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 52.674 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 177075

Ion Ratio Lower Upper

65 100

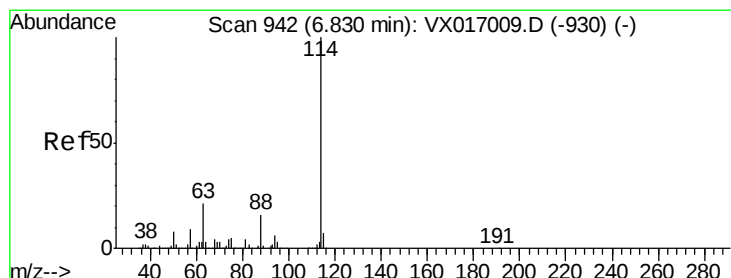
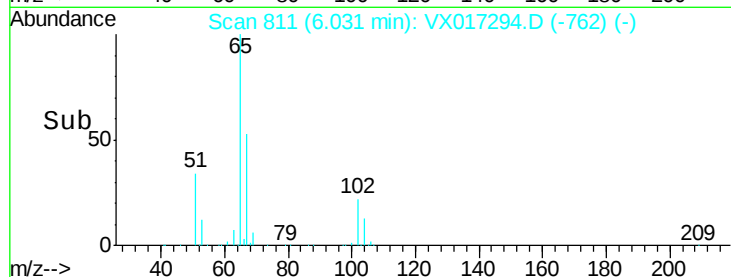
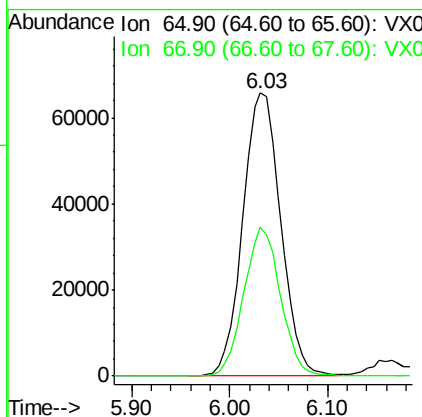
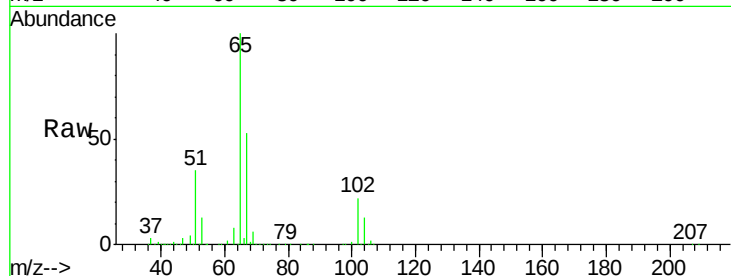
67 50.8 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

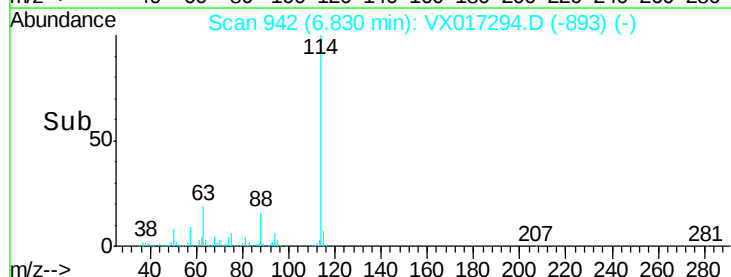
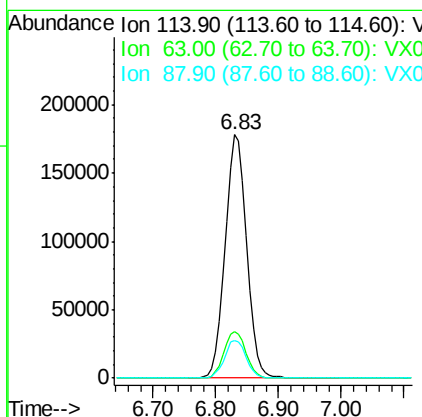
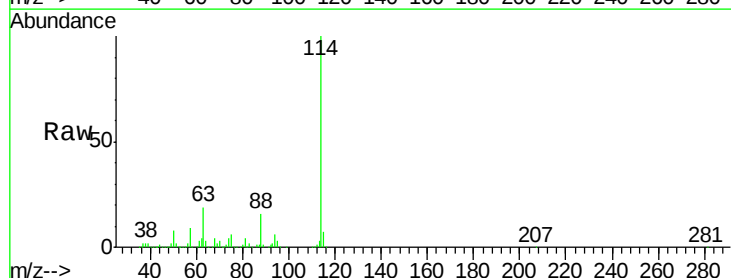
Tgt Ion: 114 Resp: 421913

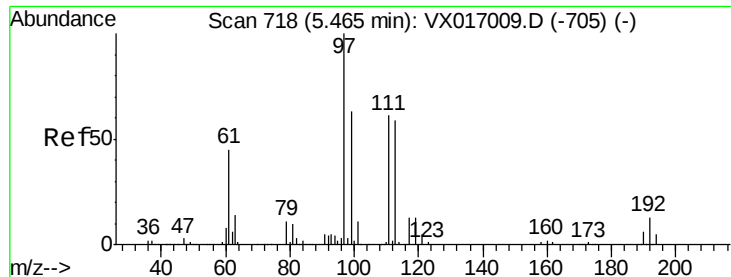
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.977 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

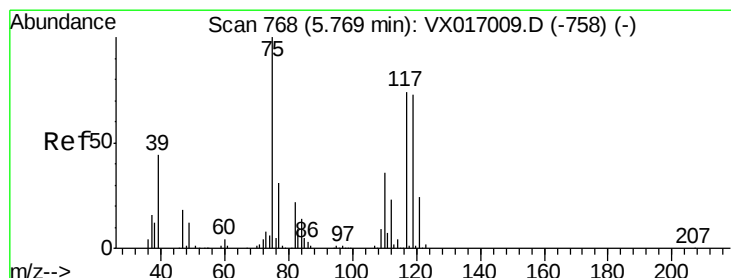
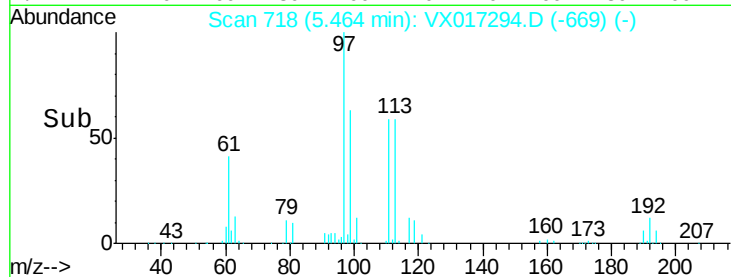
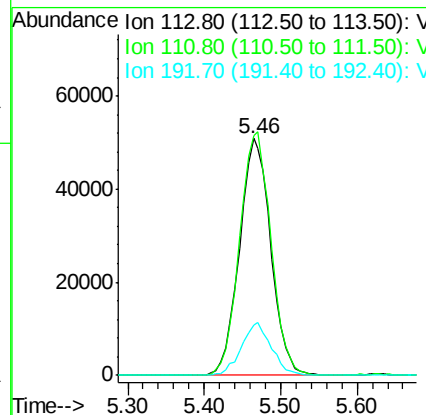
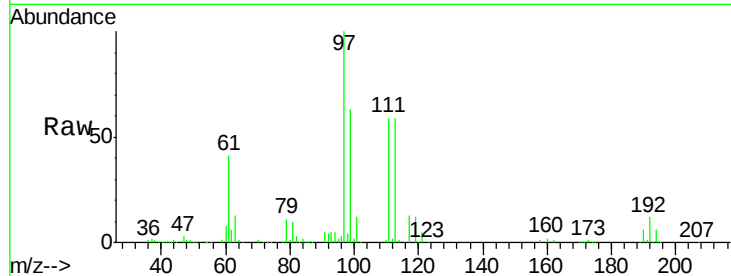
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	144059
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.9	122.9
192	21.3	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 50.919 ug/l

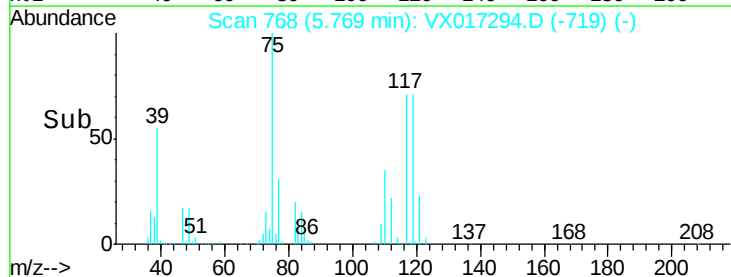
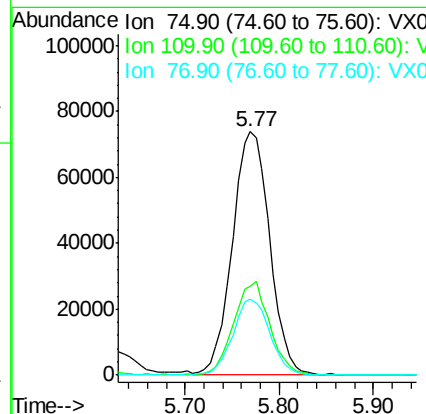
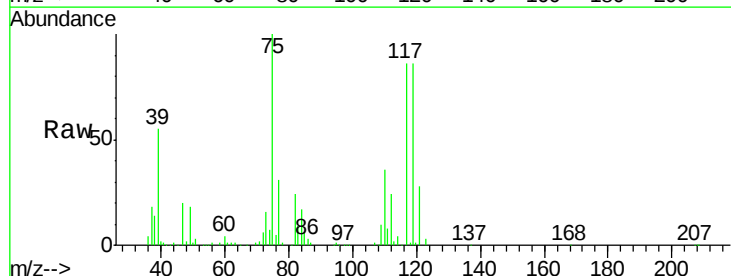
RT: 5.77 min Scan# 768

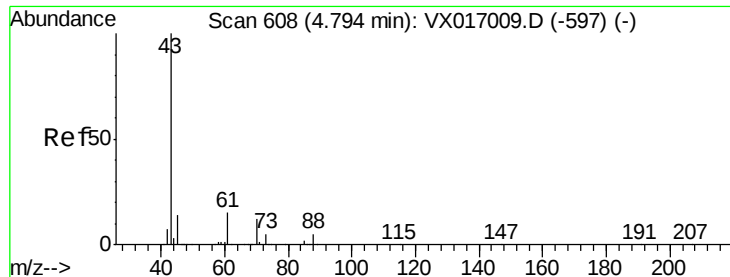
Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion:	75	Resp:	203044
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.1	54.1
77	31.2	24.6	37.0





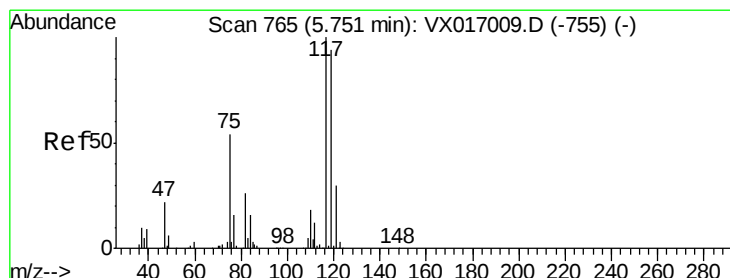
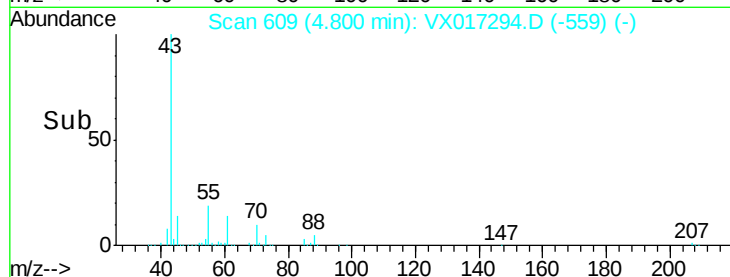
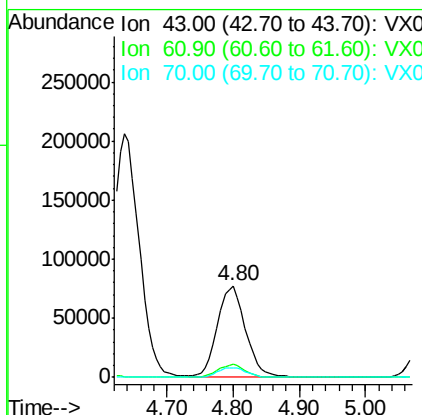
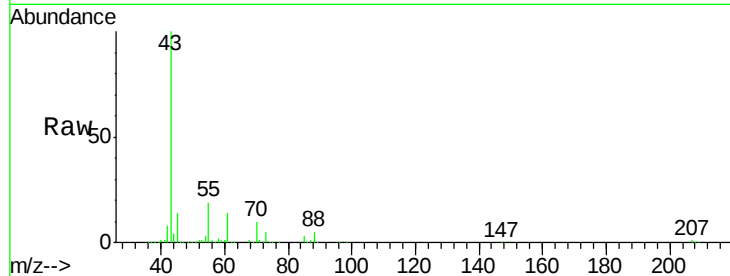
#37
Ethyl Acetate
Concen: 56.130 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	11.1	8.9	13.3

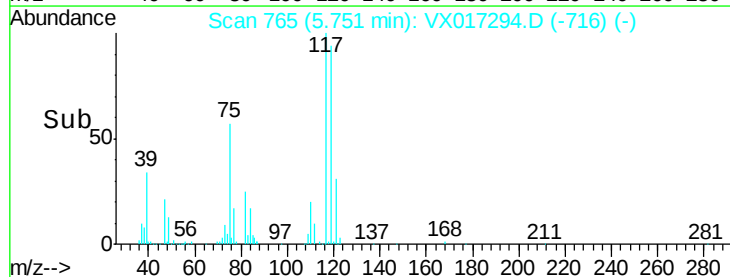
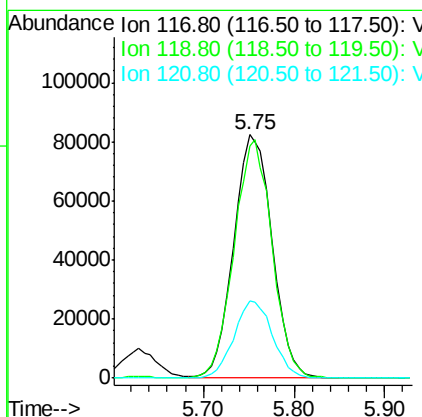
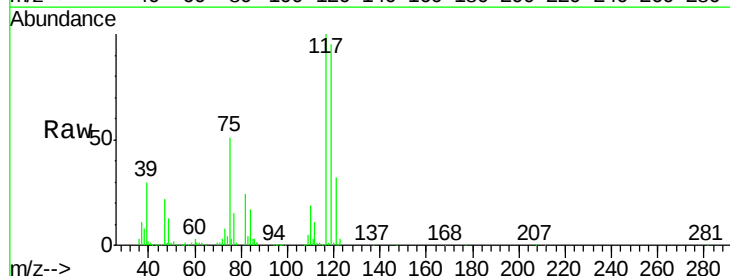
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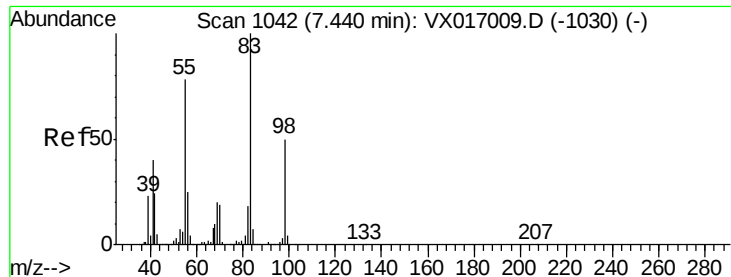
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#38
Carbon Tetrachloride
Concen: 55.153 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
121	31.6	23.8	35.6





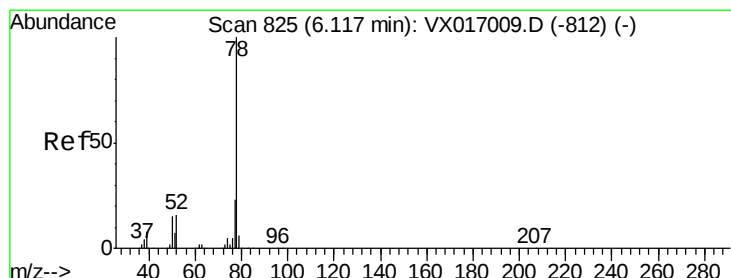
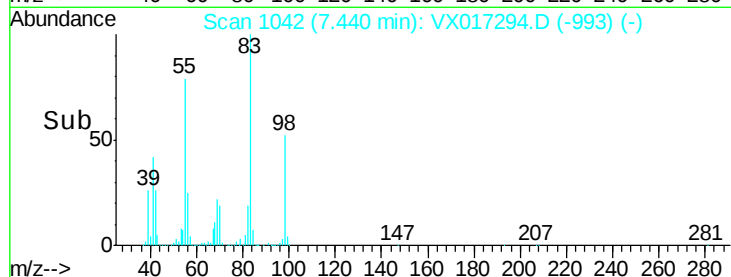
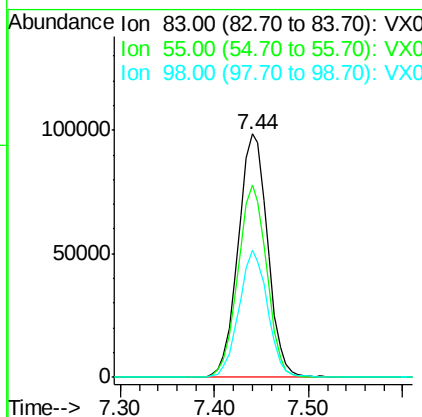
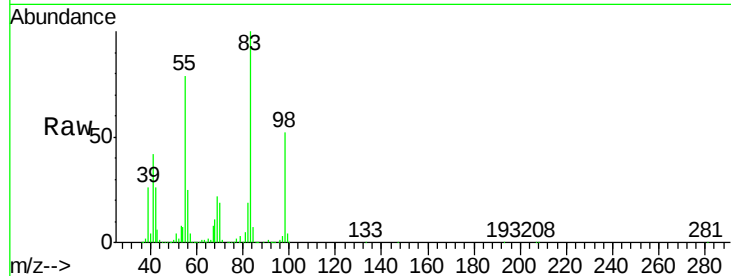
#39
Methylvlcvclohexane
Concen: 48.595 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	62.5	93.7
98	52.1	40.1	60.1

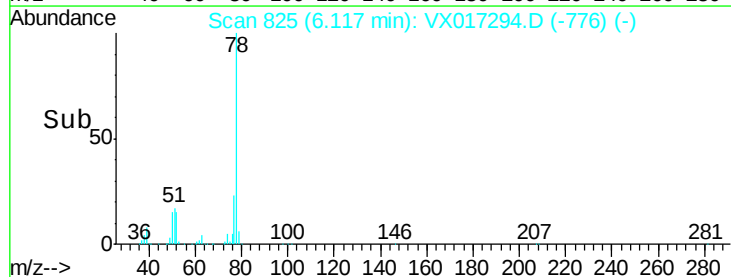
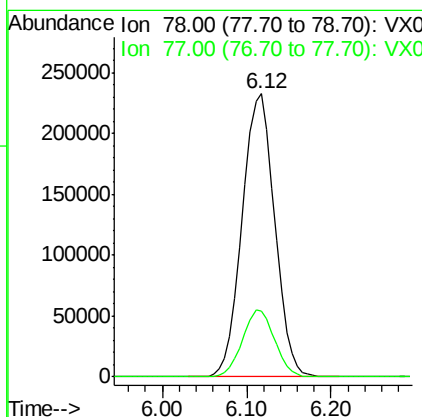
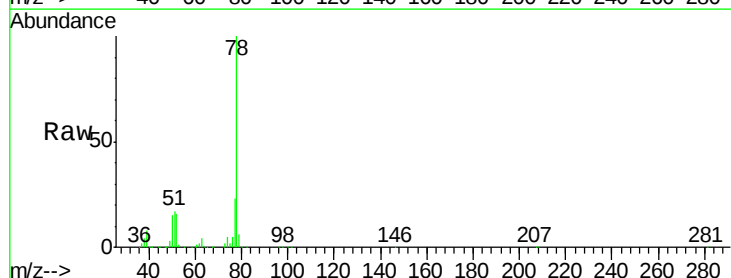
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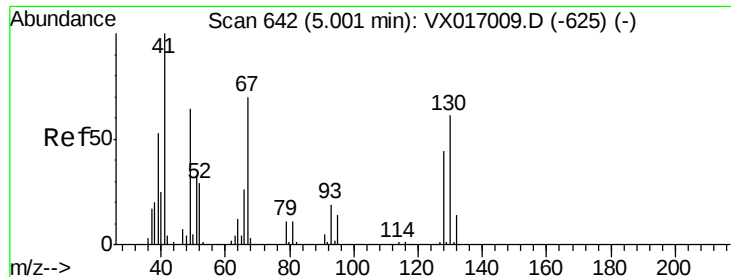
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#40
Benzene
Concen: 51.830 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5





#41

Methacrylonitrile

Concen: 54.522 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

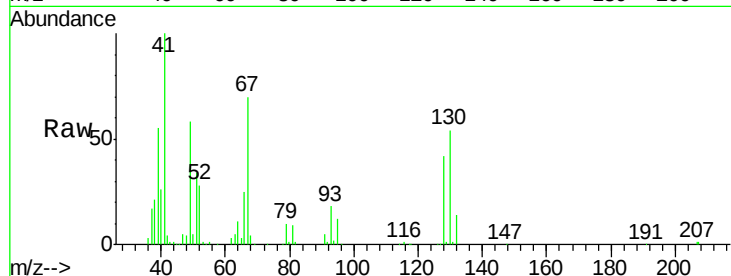
VSTDCCC050EC

Tot Ion: 41 Resp: 124152

Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.4	66.6
67	75.8	57.1	85.7
52	29.7	23.2	34.8

Manual Integrations
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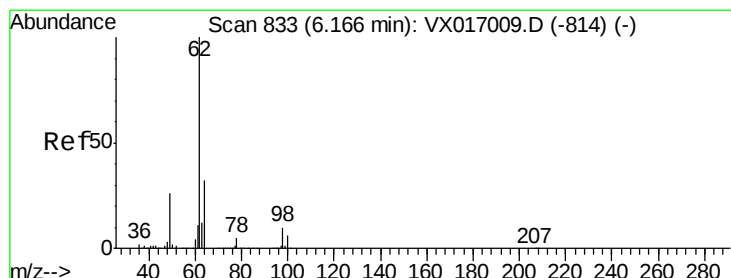
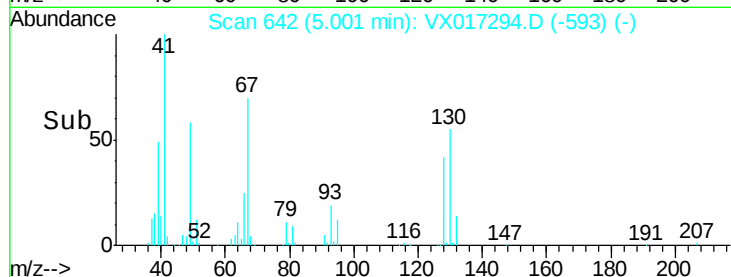
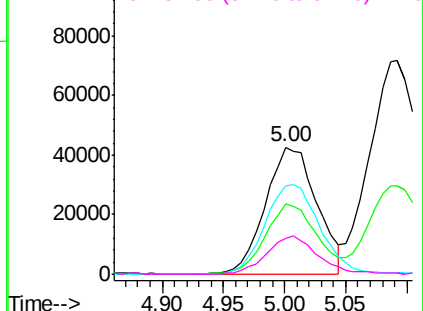
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 56.550 ug/l

RT: 6.16 min Scan# 832

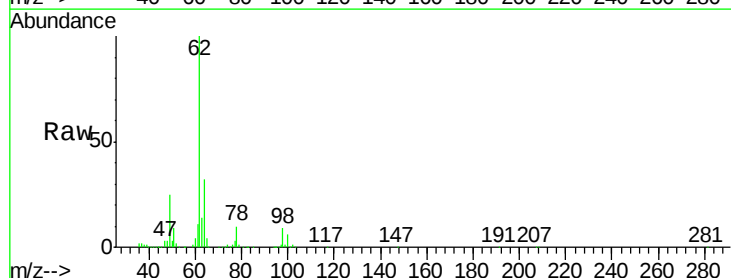
Delta R.T. -0.01 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion: 62 Resp: 239318

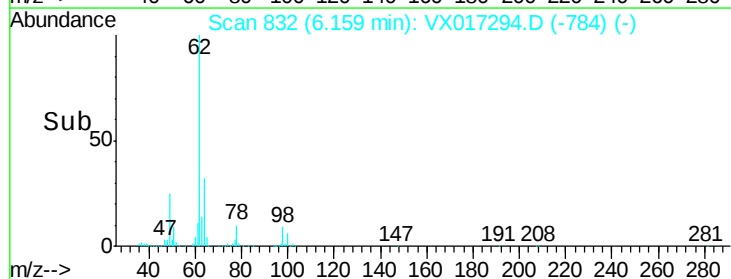
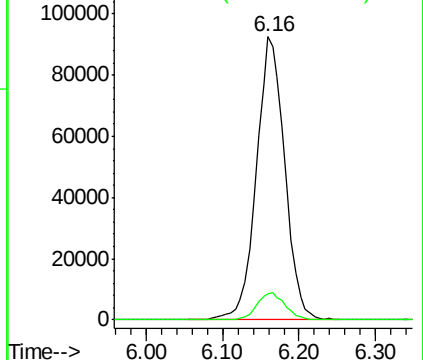
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

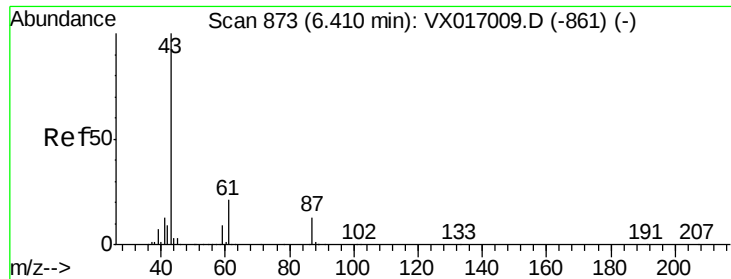


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

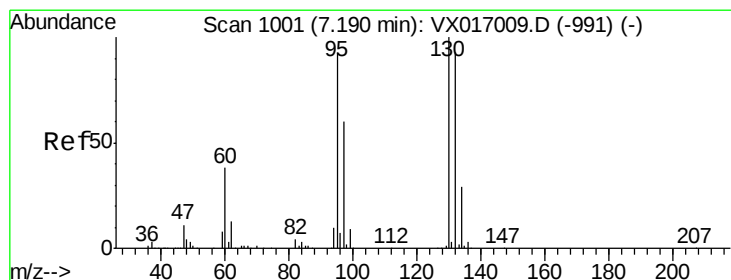
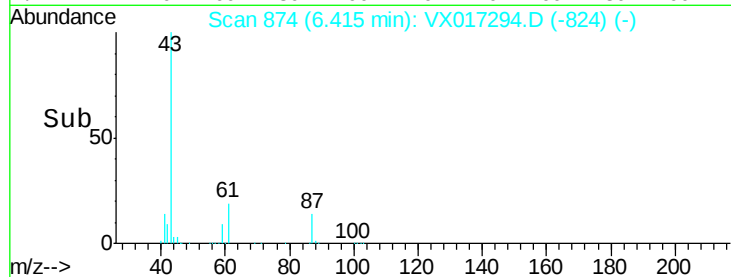
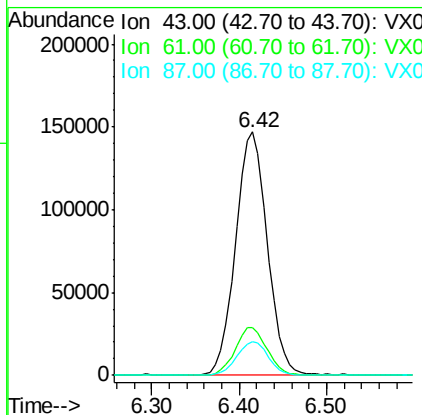
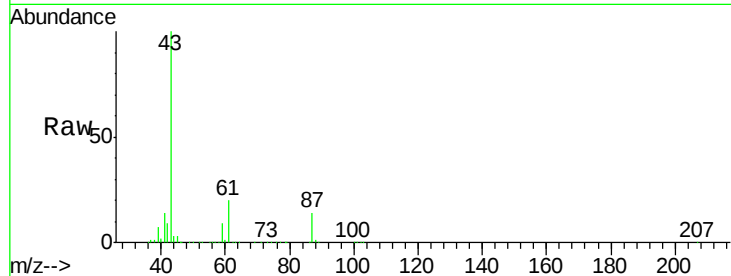
Isopropyl Acetate
 Concen: 54.923 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	14.0	10.7	16.1

Manual Integrations
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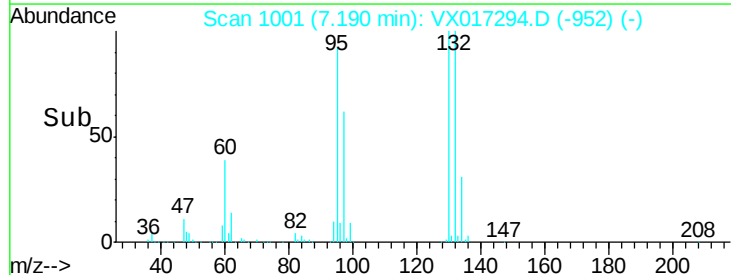
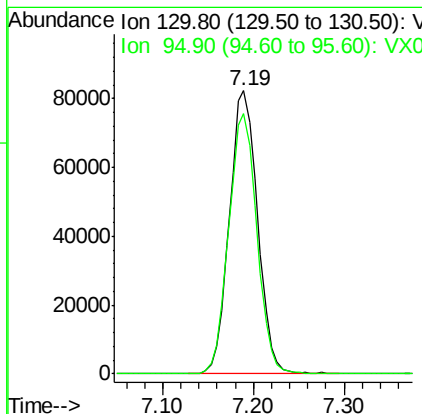
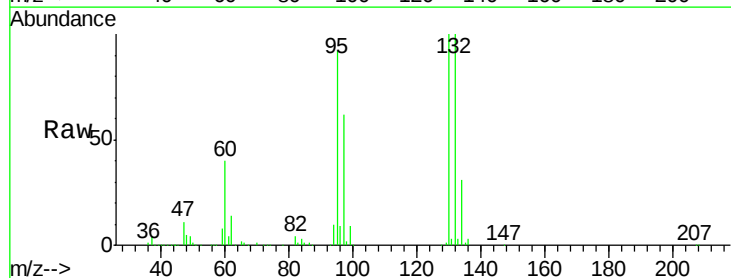
MMDadoda
 7/9/2020 11:00:08 AM



#44

Trichloroethene
 Concen: 55.053 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	185.0





#45

1,2-Dichloropropane

Concen: 52.775 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 158811

Ion Ratio Lower Upper

63 100

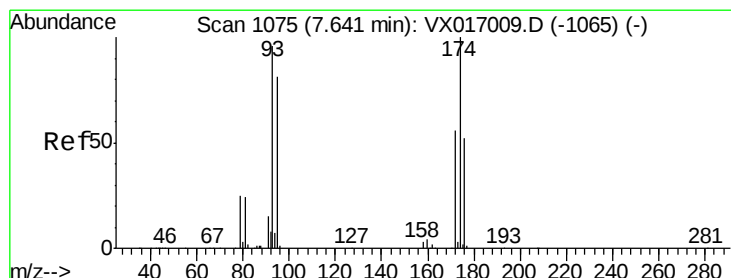
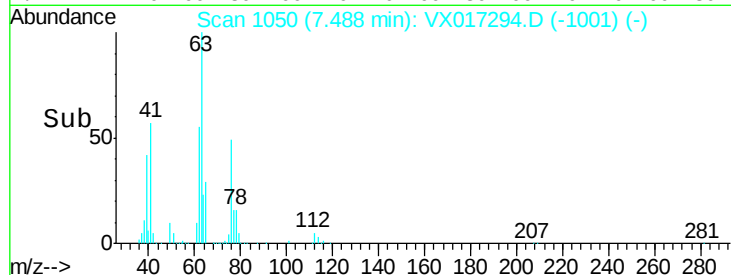
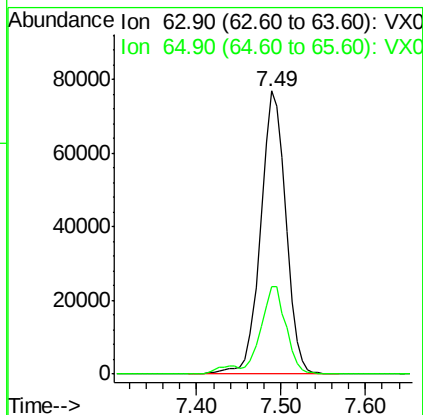
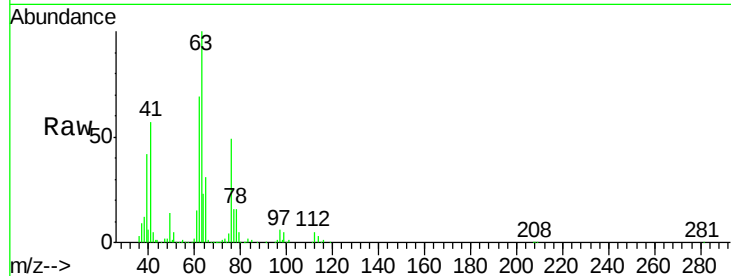
65 30.8 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 55.257 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

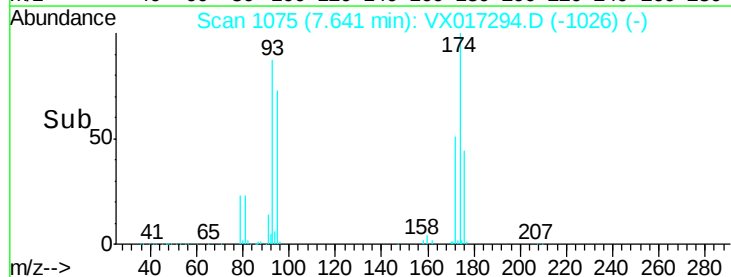
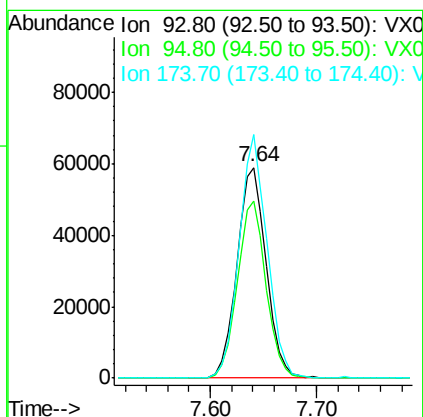
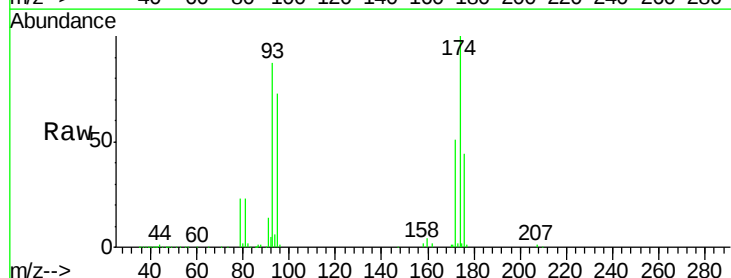
Tgt Ion: 93 Resp: 113524

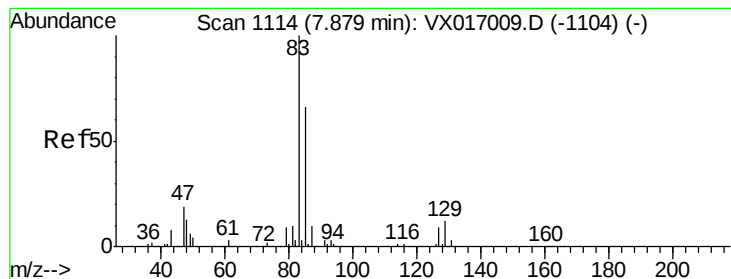
Ion Ratio Lower Upper

93 100

95 82.7 67.4 101.0

174 110.9 84.3 126.5





#47

Bromodichloromethane

Concen: 55.589 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

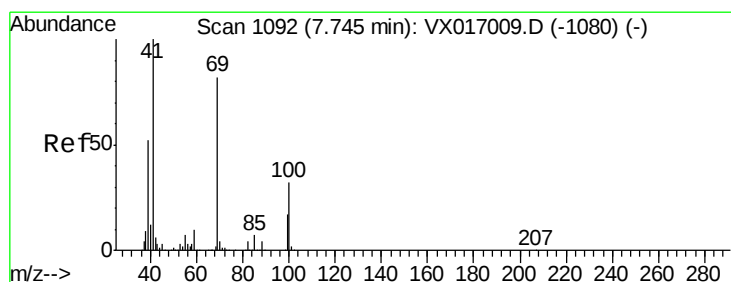
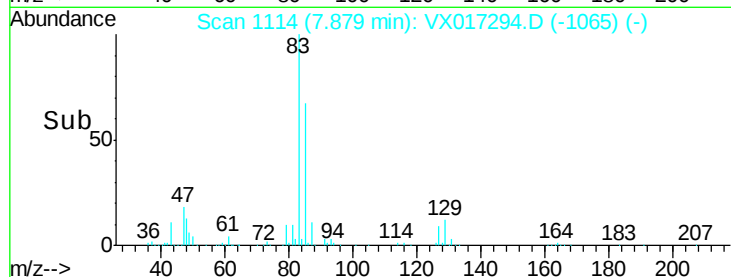
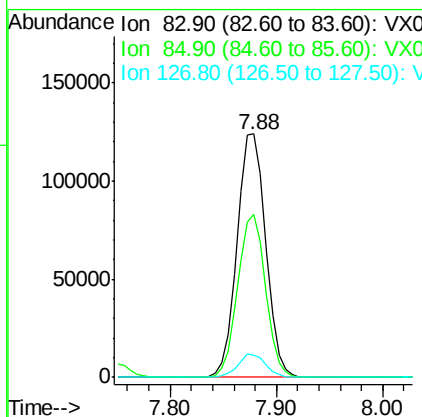
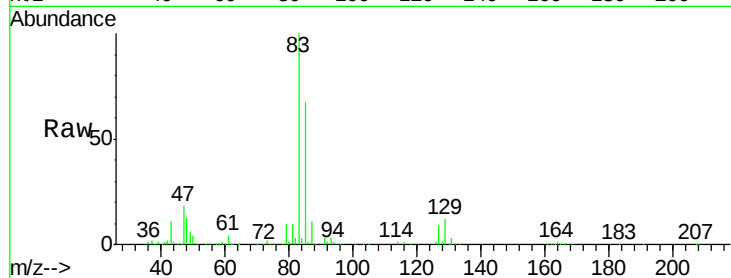
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	235357
Ion	Ratio	Lower	Upper
83	100		
85	67.1	53.0	79.4
127	9.4	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.805 ug/l

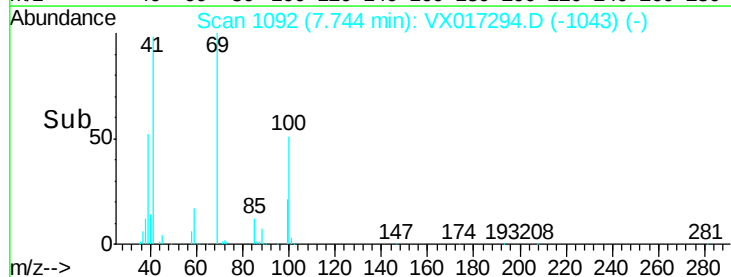
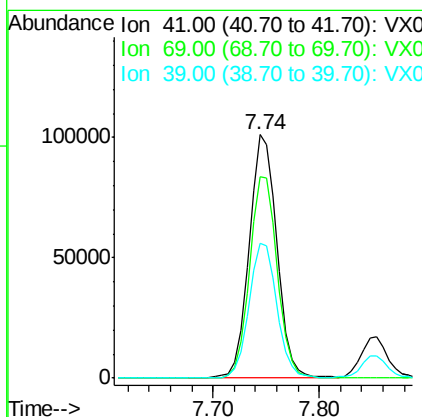
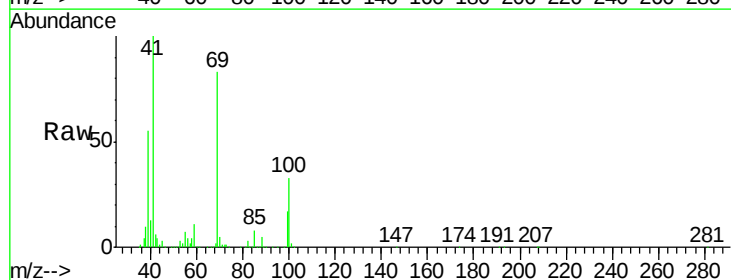
RT: 7.74 min Scan# 1092

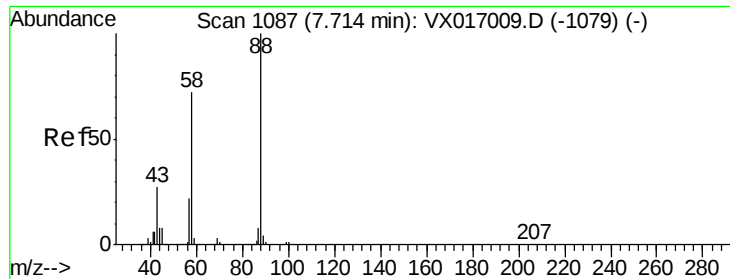
Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion:	41	Resp:	184632
Ion	Ratio	Lower	Upper
41	100		
69	82.7	65.8	98.8
39	56.1	42.5	63.7





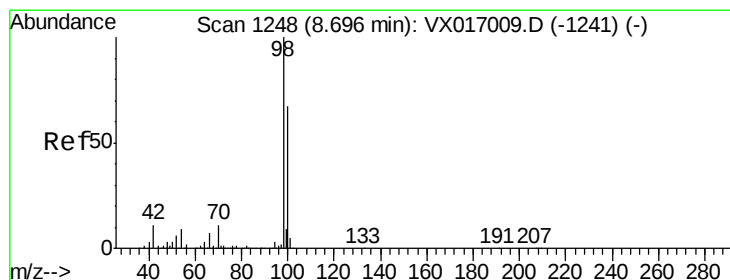
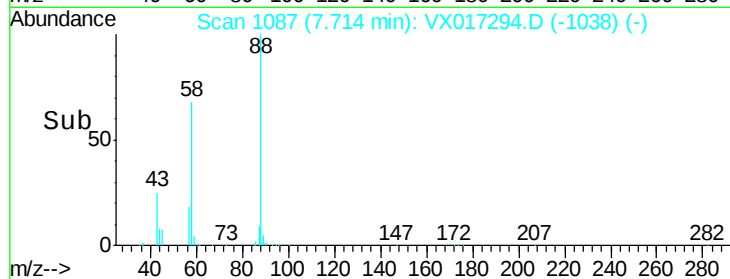
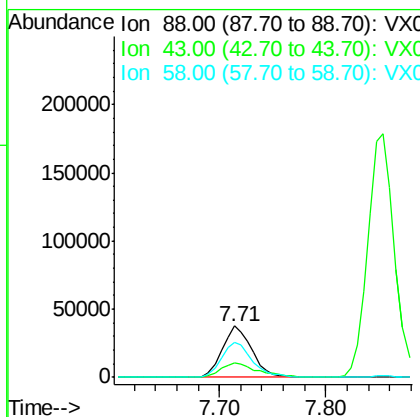
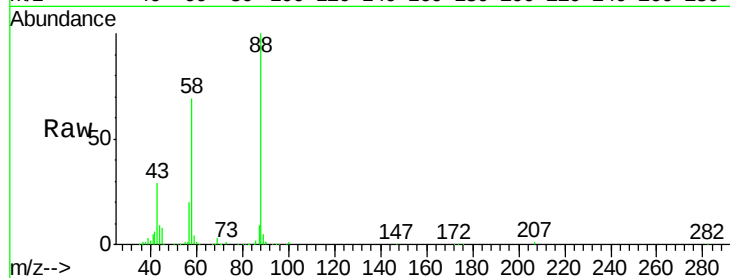
#49
1,4-Dioxane
Concen: 1012.882 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.8	38.8
58	70.6	54.8	82.2

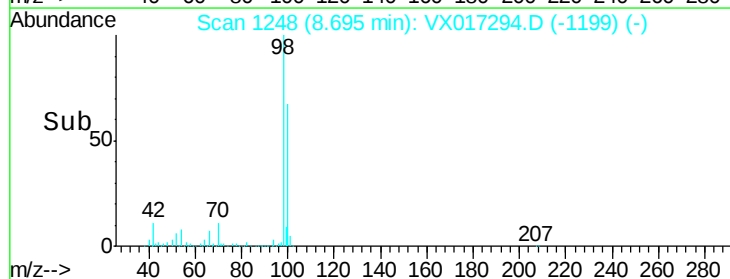
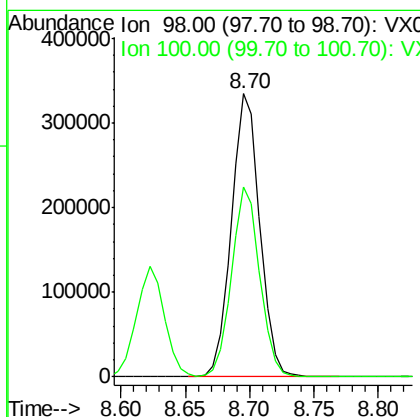
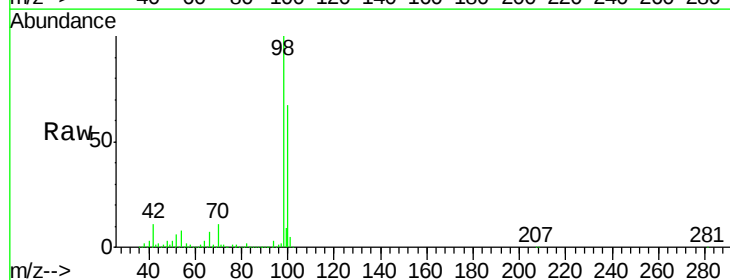
Manual Integrations
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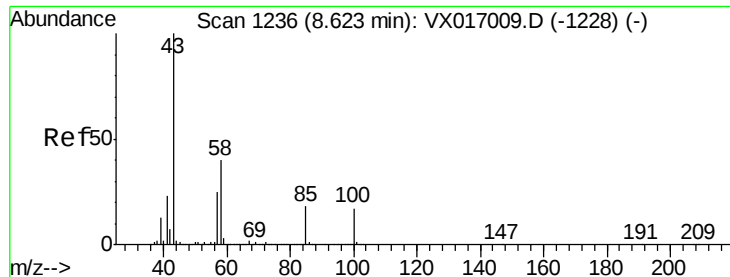
MMDadoda
7/9/2020 11:00:08 AM



#50
Toluene-d8
Concen: 52.052 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 290.155 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1162819

Ion Ratio Lower Upper

43 100

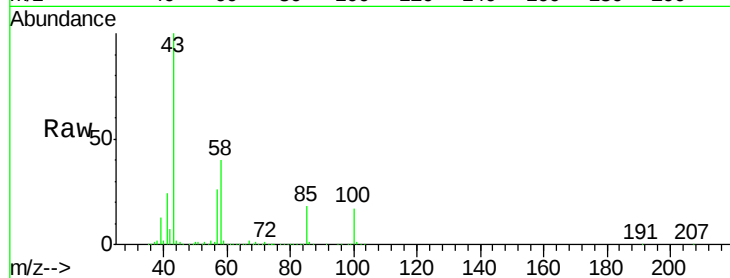
58 40.0 31.9 47.9

Manual Integrations

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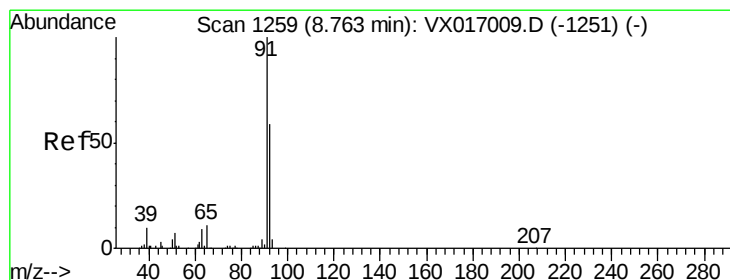
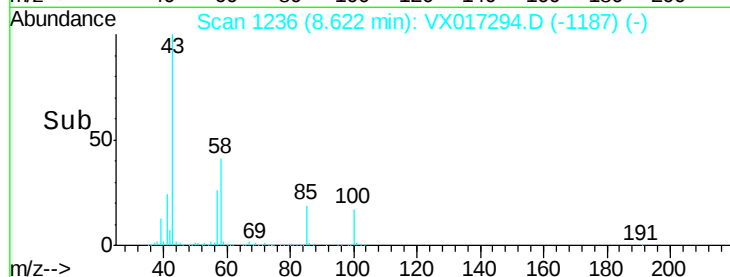
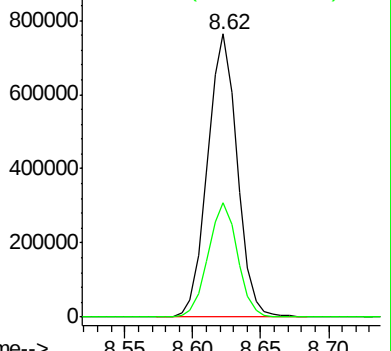
MMDadoda

7/9/2020 11:00:08 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.779 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017294.D

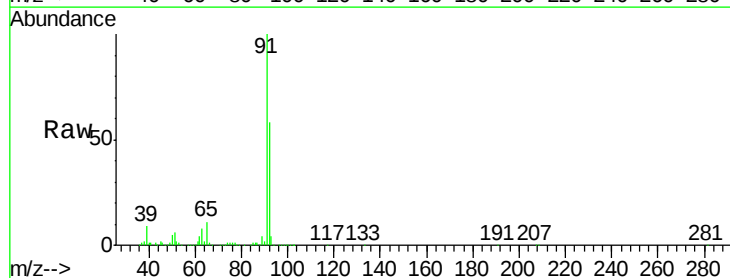
Acq: 09 Jul 2020 06:14

Tgt Ion: 92 Resp: 393394

Ion Ratio Lower Upper

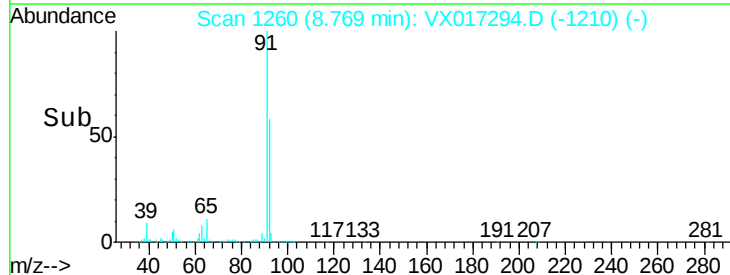
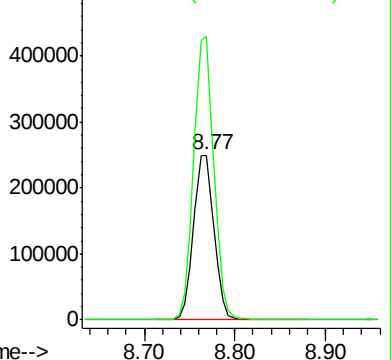
92 100

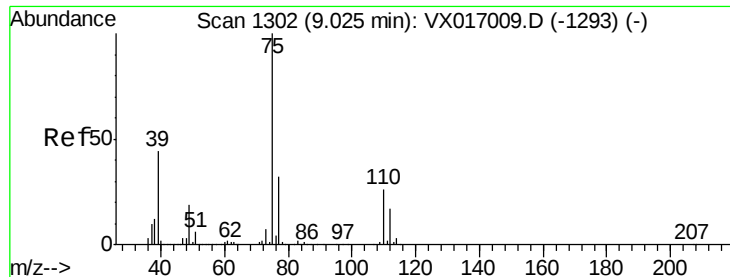
91 169.4 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





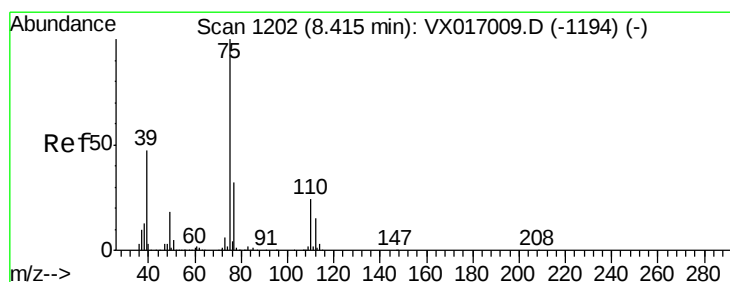
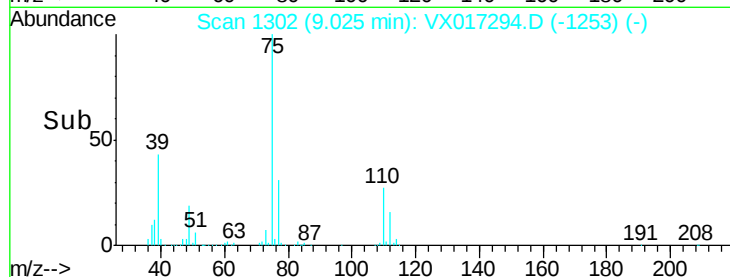
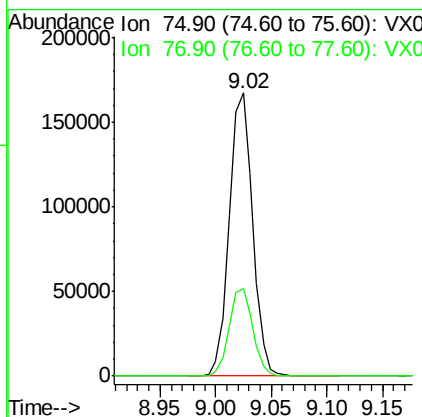
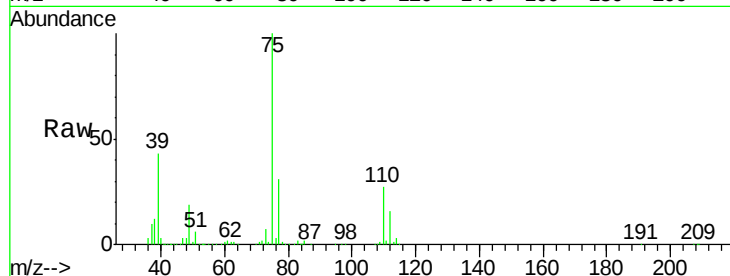
#53
t-1,3-Dichloropropene
Concen: 52.055 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4

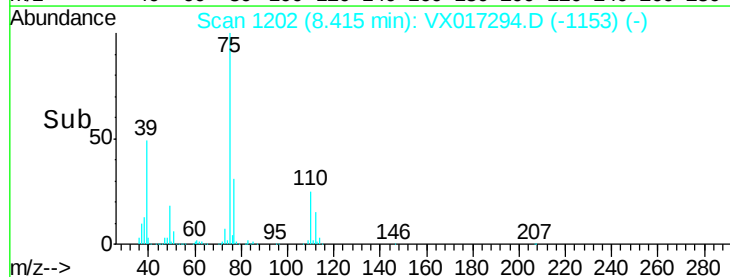
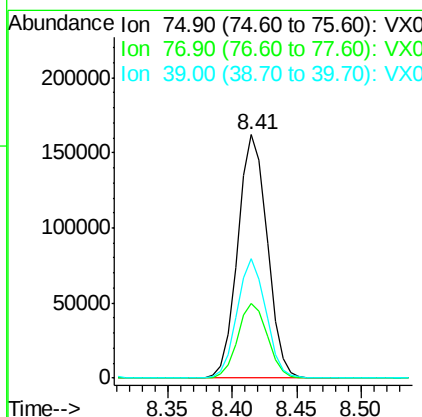
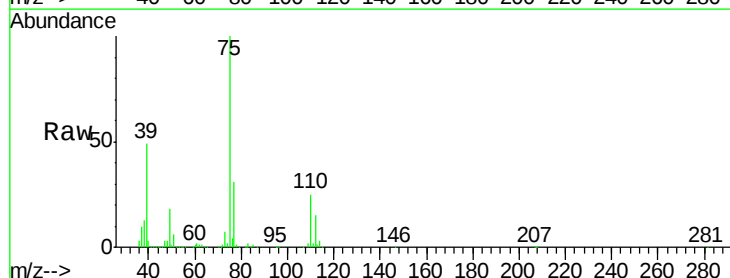
Manual Integrations
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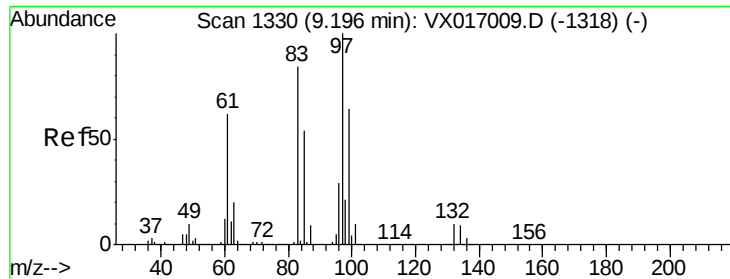
MMDadoda
7/9/2020 11:00:08 AM



#54
cis-1,3-Dichloropropene
Concen: 51.288 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.2	37.8
39	48.9	37.4	56.2





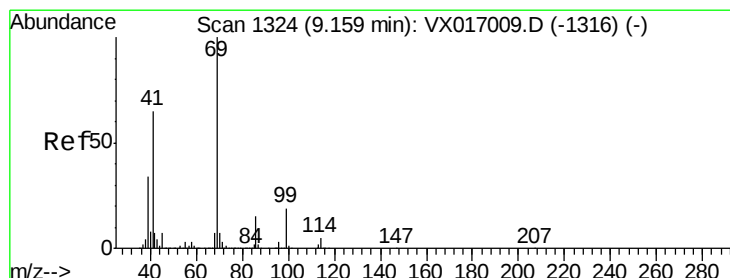
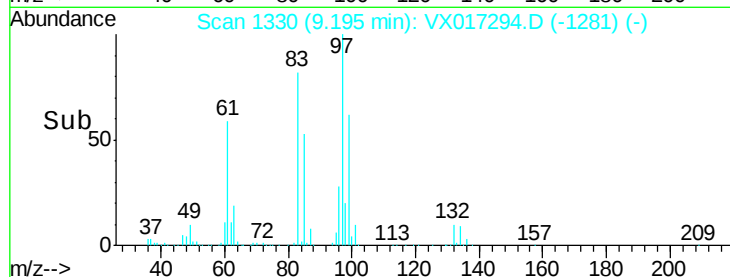
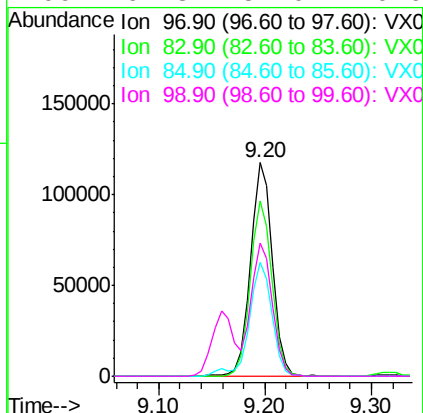
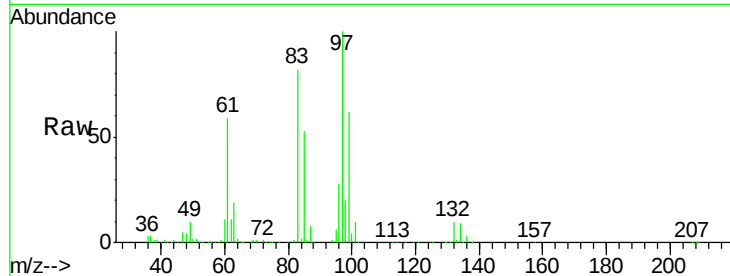
#55
 1,1,2-Trichloroethane
 Concen: 56.566 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	169056
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.0	100.6
85	53.2	43.5	65.3
99	62.3	51.0	76.6

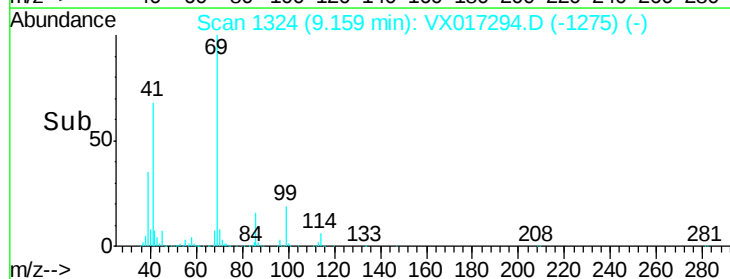
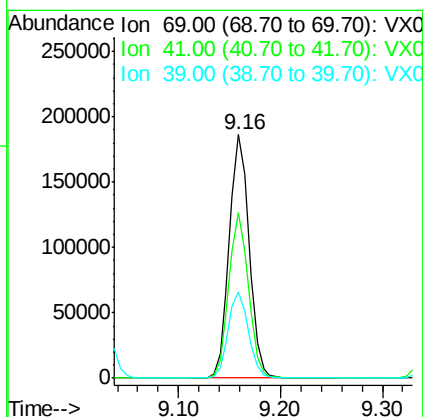
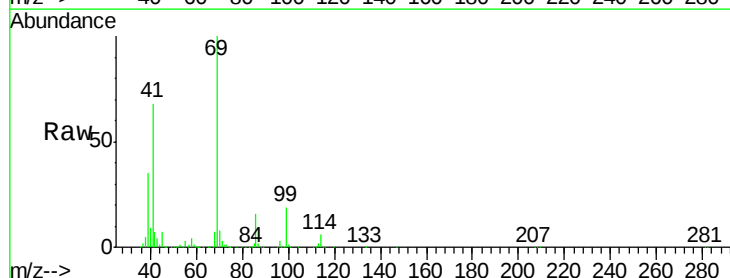
Manual Integrations
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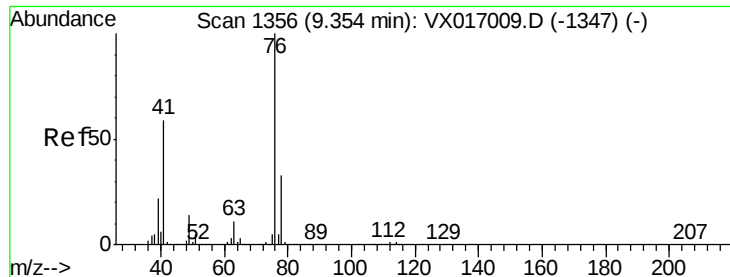
MMDadoda
 7/9/2020 11:00:08 AM



#56
 Ethyl methacrylate
 Concen: 58.965 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion:	69	Resp:	250830
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.6	80.4
39	35.7	28.2	42.2





#57

1,3-Dichloropropane

Concen: 53.932 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 272742

Ion Ratio Lower Upper

76 100

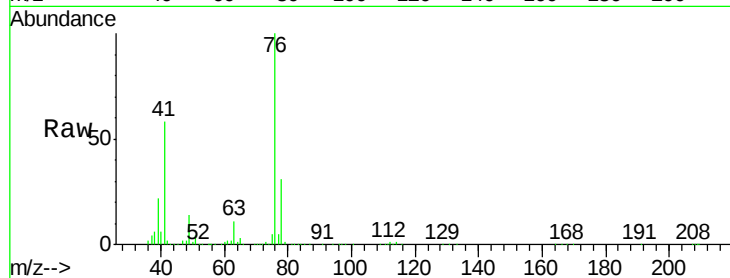
78 32.1 25.9 38.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

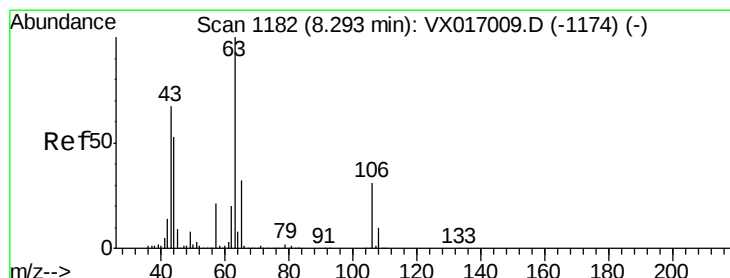
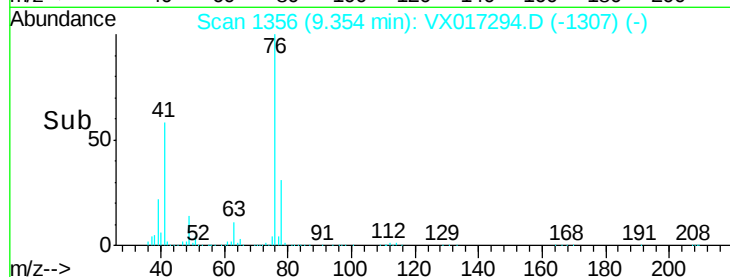
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 275.634 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017294.D

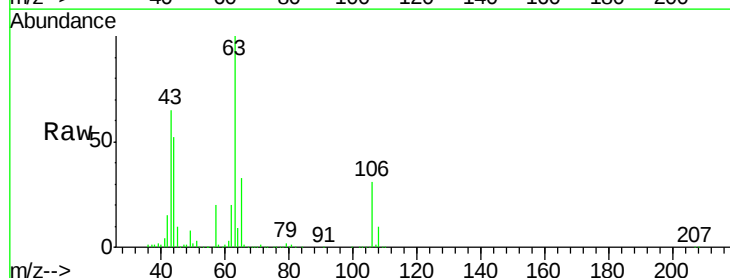
Acq: 09 Jul 2020 06:14

Tgt Ion: 63 Resp: 583546

Ion Ratio Lower Upper

63 100

106 30.5 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

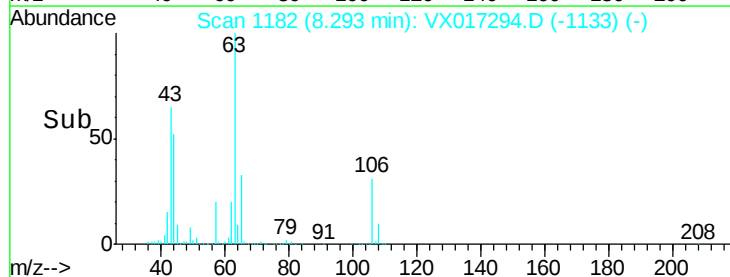
300000

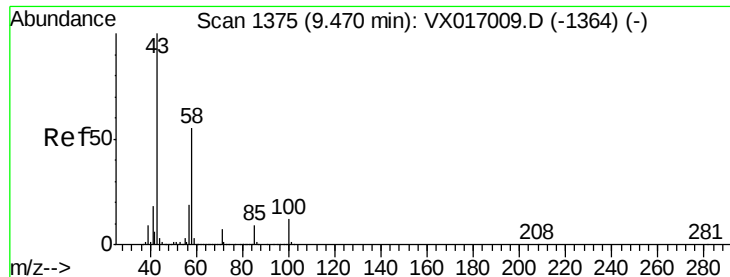
200000

100000

0

Time-->





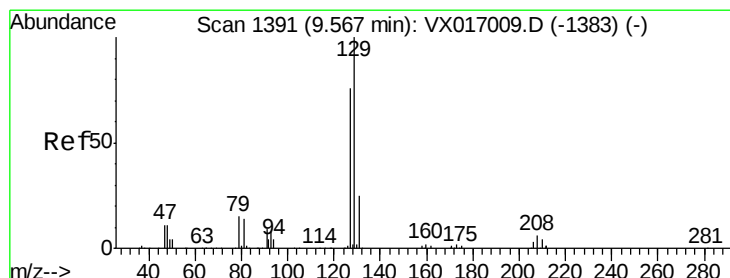
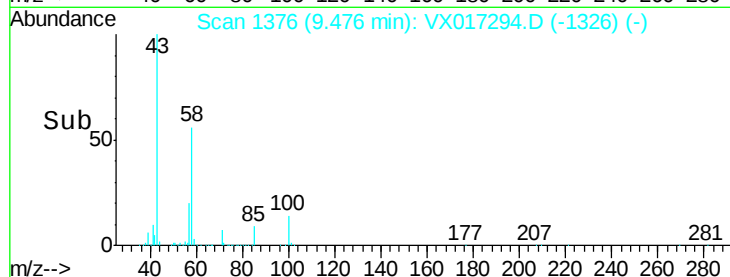
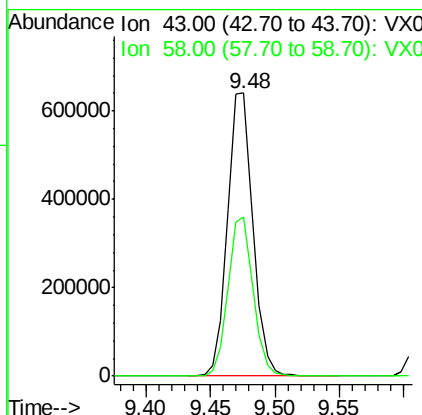
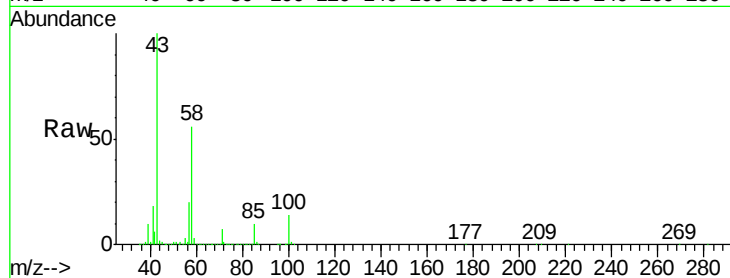
#59
2-Hexanone
Concen: 304.862 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 892292
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.6

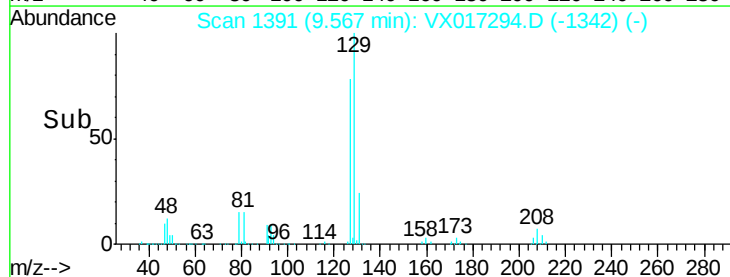
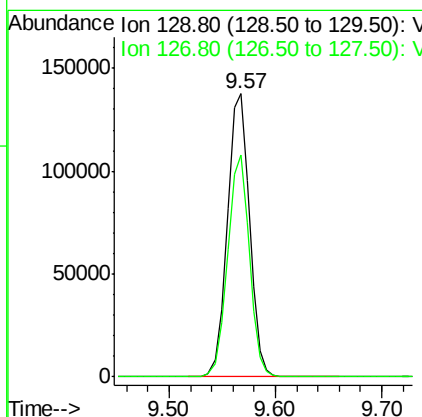
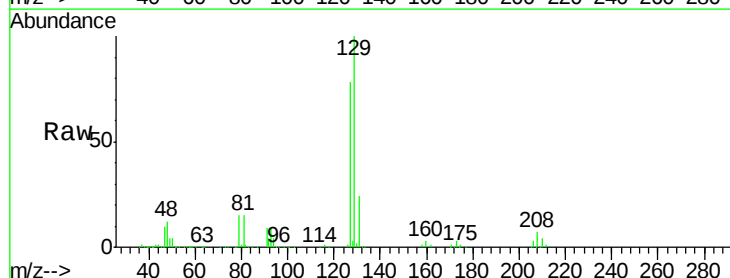
Manual Integrations
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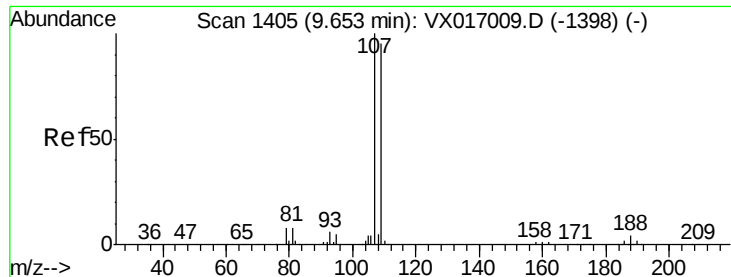
MMDadoda
7/9/2020 11:00:08 AM



#60
Dibromochloromethane
Concen: 58.060 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 129 Resp: 201539
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 56.019 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 179961

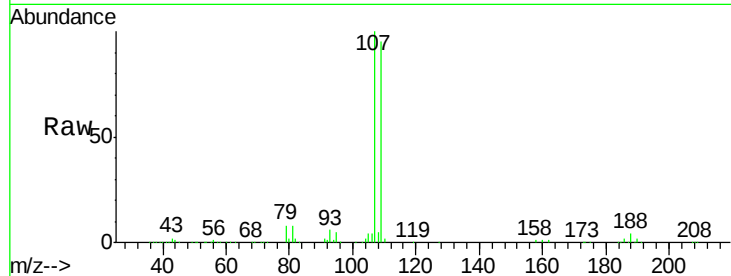
Ion Ratio Lower Upper

107 100

109 95.1 75.8 113.8

Manual Integrations
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MMDadoda
7/9/2020 11:00:08 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

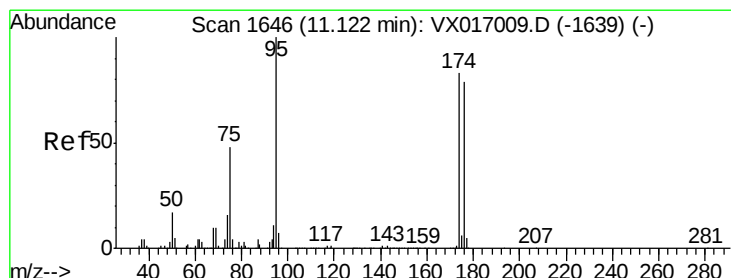
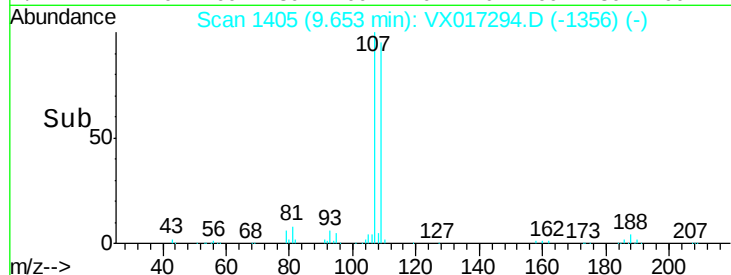
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.614 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

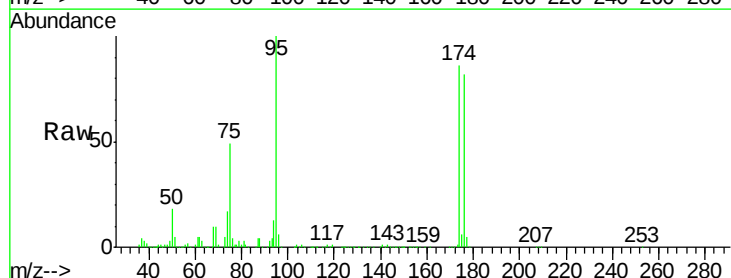
Tgt Ion: 95 Resp: 206838

Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.0

176 83.1 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

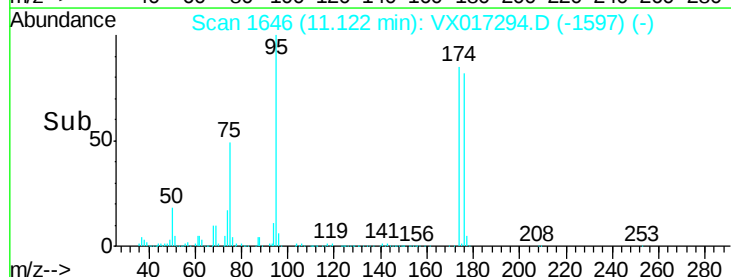
150000

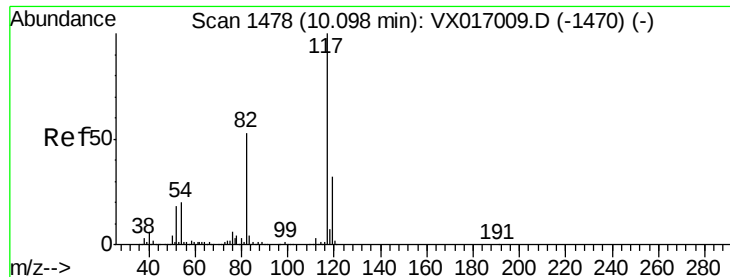
100000

50000

0

Time-->





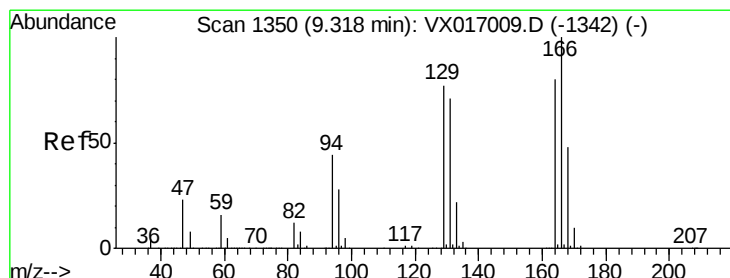
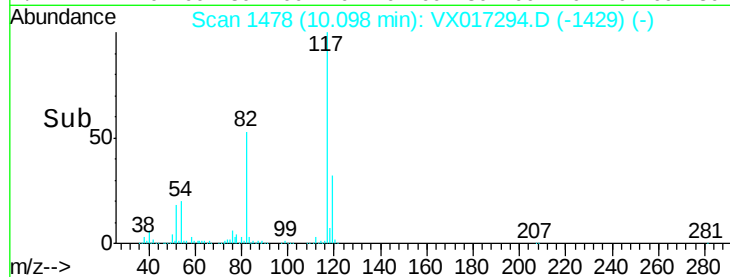
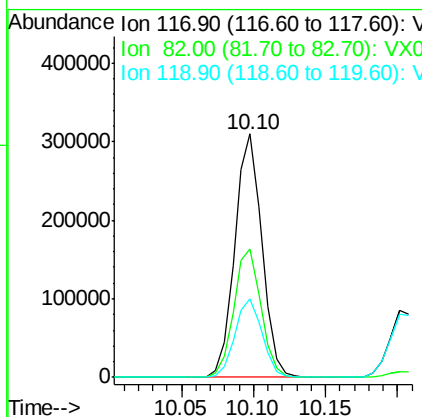
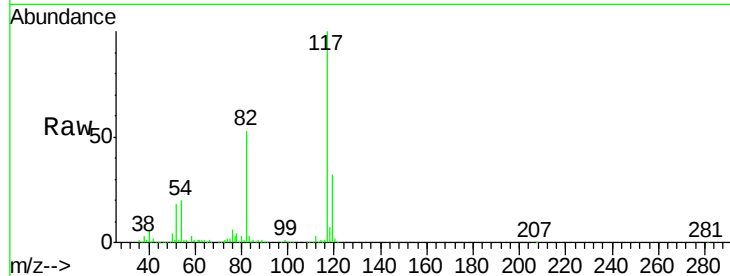
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.6	63.8
119	32.4	25.4	38.2

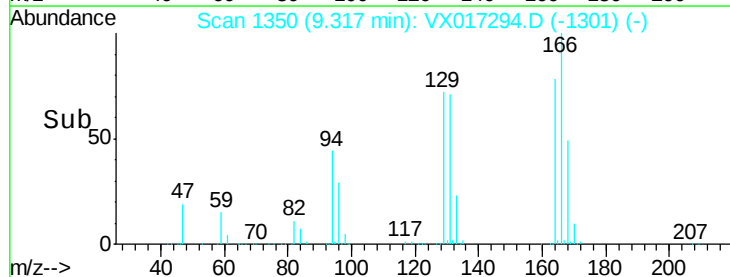
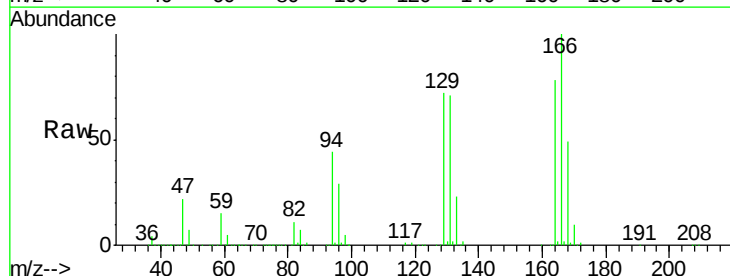
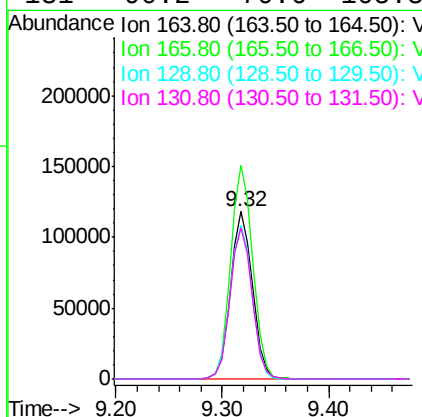
Manual Integrations
APPROVED

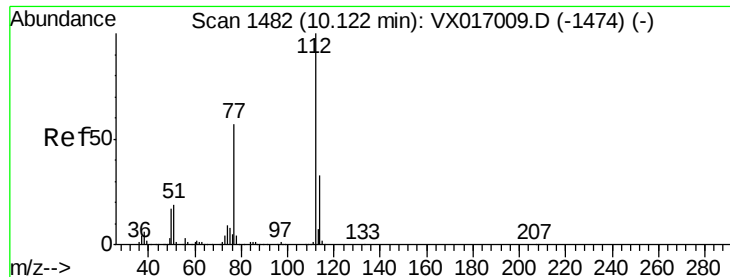
MMDadoda
7/9/2020 11:00:08 AM



#64
Tetrachloroethene
Concen: 51.817 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	99.4	149.0
129	91.7	76.3	114.5
131	90.2	70.6	105.8





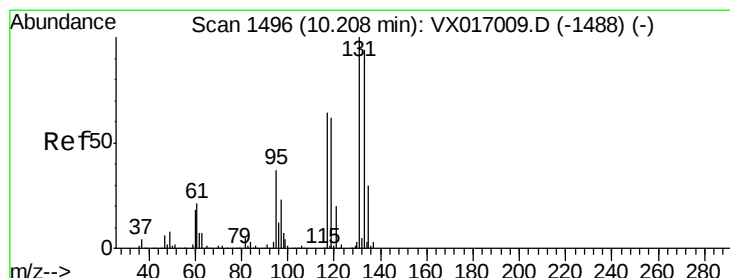
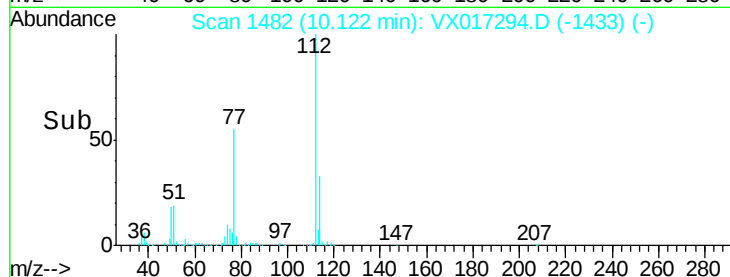
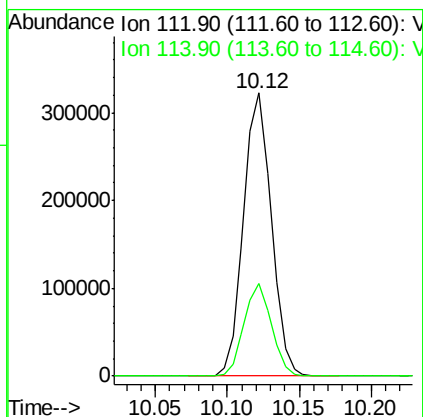
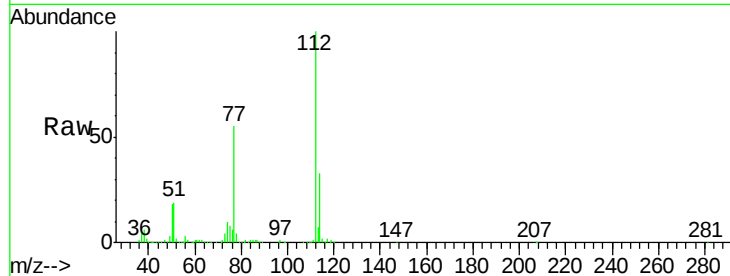
#65
Chlorobenzene
Concen: 51.592 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.4

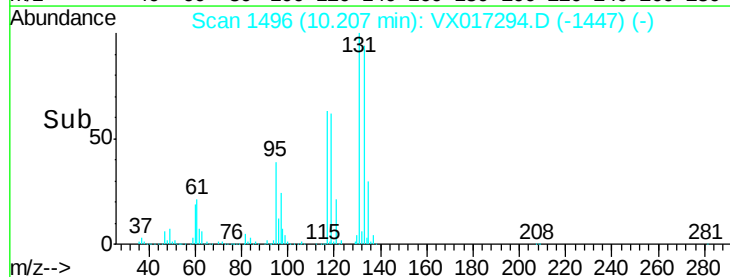
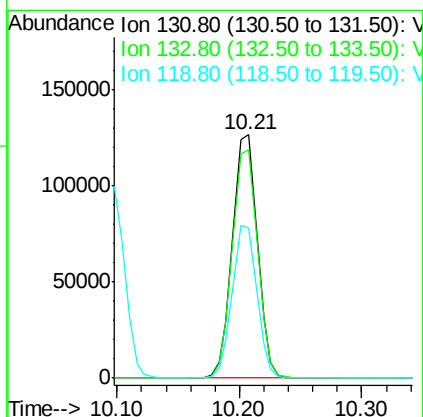
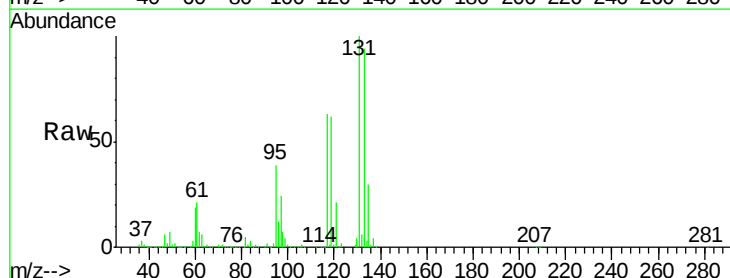
Manual Integrations
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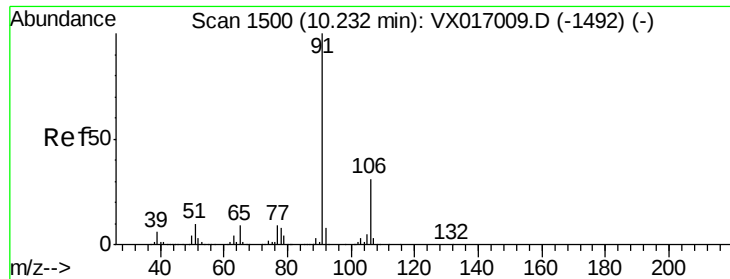
MMDadoda
7/9/2020 11:00:08 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.222 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	141.9
119	62.4	31.9	95.5





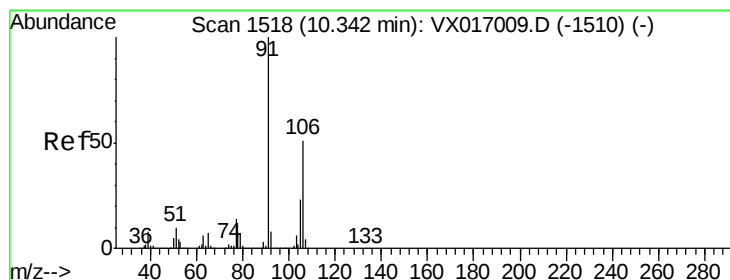
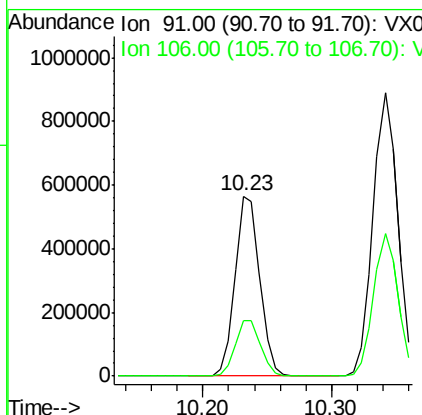
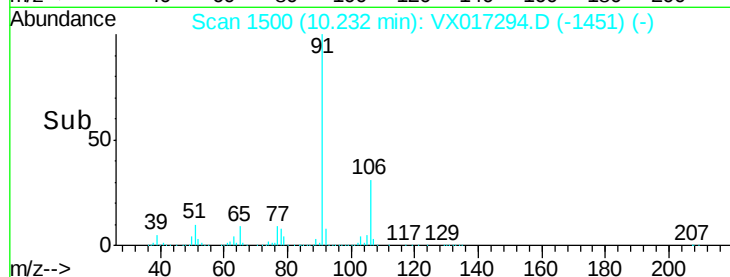
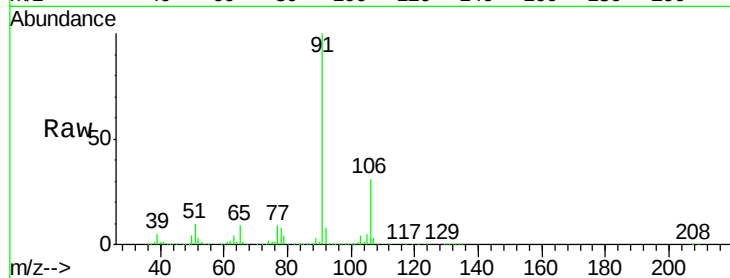
#67
Ethyl Benzene
Concen: 53.828 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 754788
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

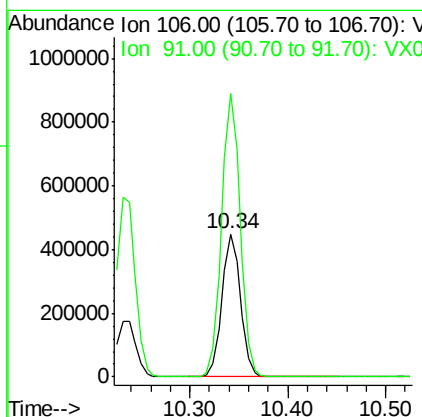
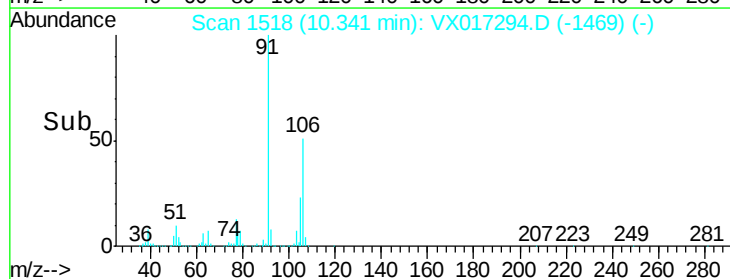
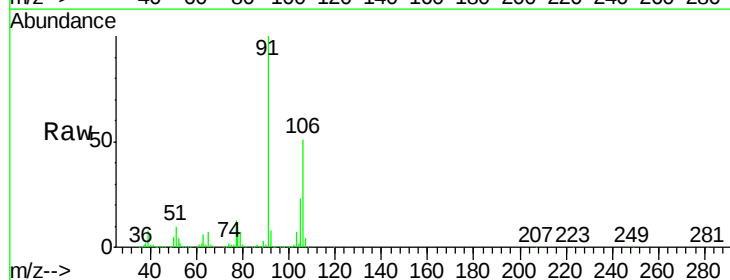
Manual Integrations
APPROVED

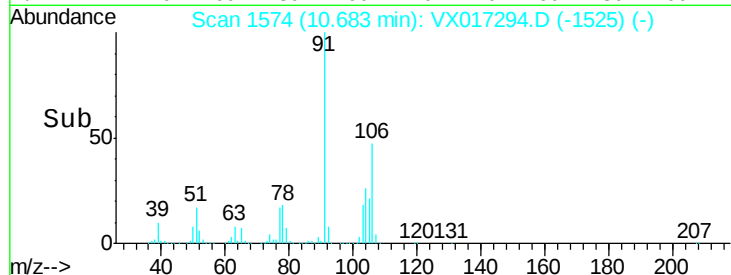
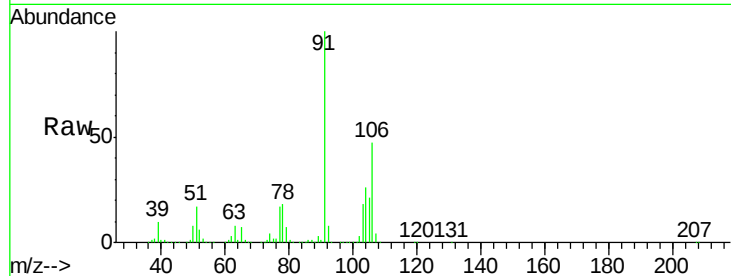
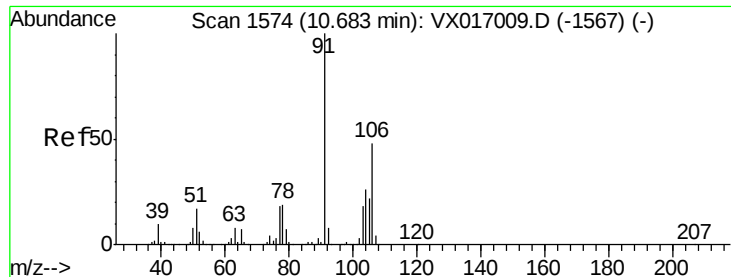
MMDadoda
7/9/2020 11:00:08 AM



#68
m/p-Xylenes
Concen: 109.255 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion: 106 Resp: 588238
Ion Ratio Lower Upper
106 100
91 200.2 158.6 238.0





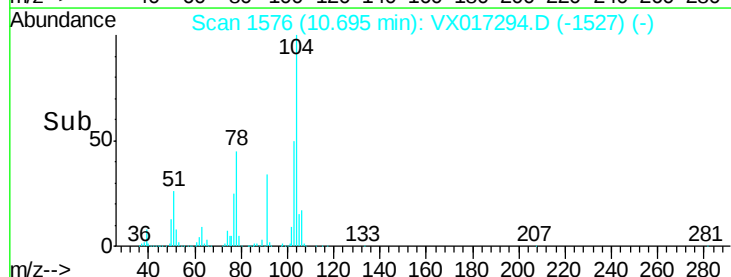
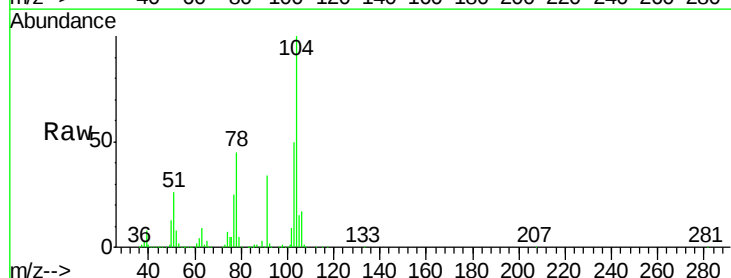
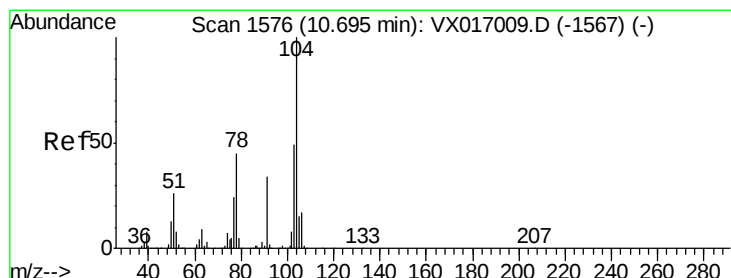
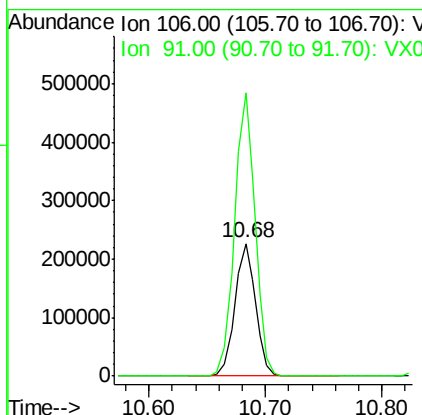
#69
o-Xylene
Concen: 54.534 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	279316		
91	212.8	105.6	316.7	

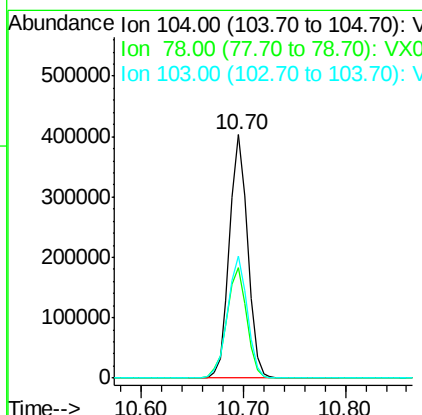
Manual Integrations
APPROVED

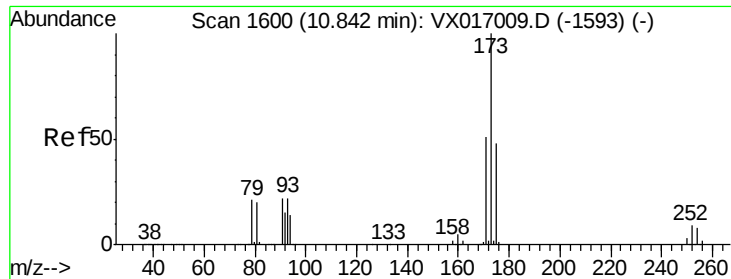
MMDadoda
7/9/2020 11:00:08 AM



#70
Styrene
Concen: 56.859 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	495924		
78	50.0	39.5	59.3	
103	54.4	43.0	64.6	





#71

Bromoform

Concen: 61.822 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 158638

Ion Ratio Lower Upper

173 100

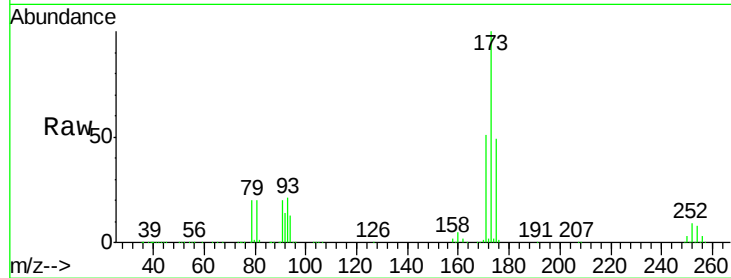
175 48.5 24.5 73.5

254 0.1 0.1 0.1

Manual Integrations
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MMDadoda

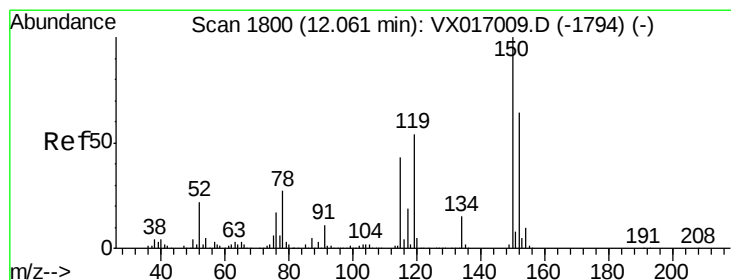
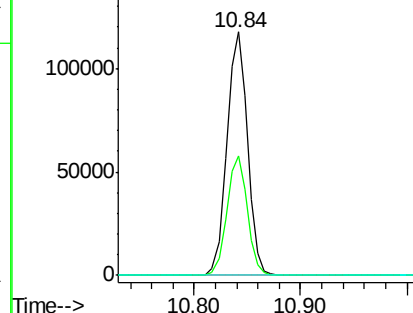
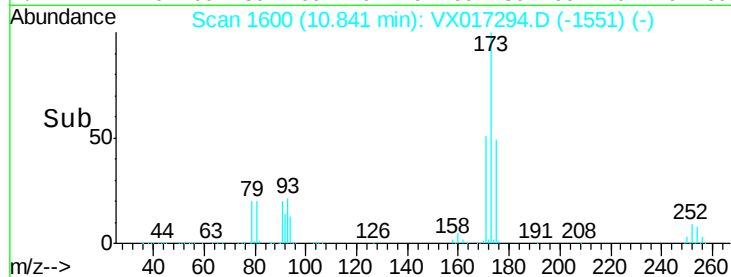
7/9/2020 11:00:08 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

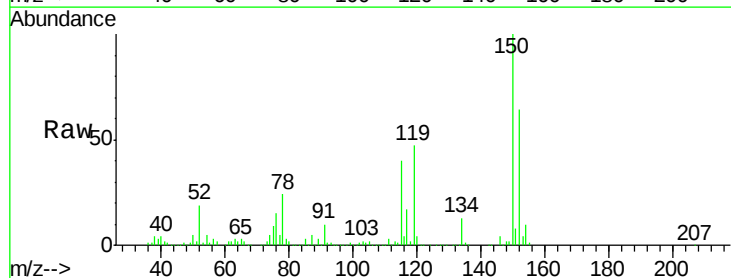
Tgt Ion:152 Resp: 233136

Ion Ratio Lower Upper

152 100

115 79.7 40.9 122.7

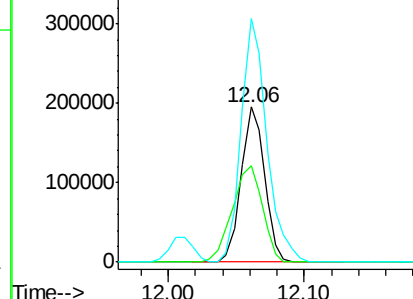
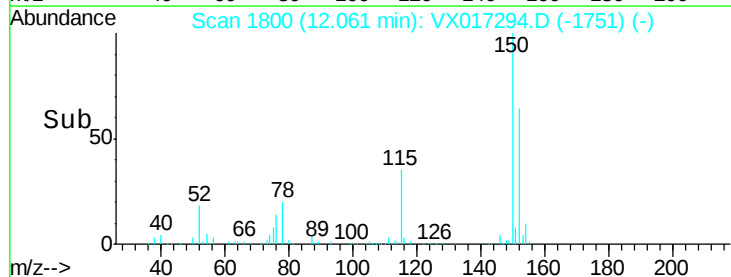
150 172.9 0.0 351.6

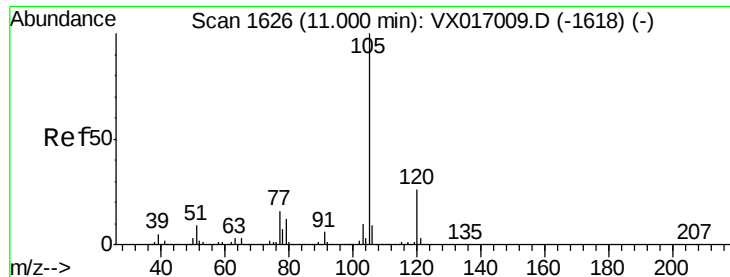


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





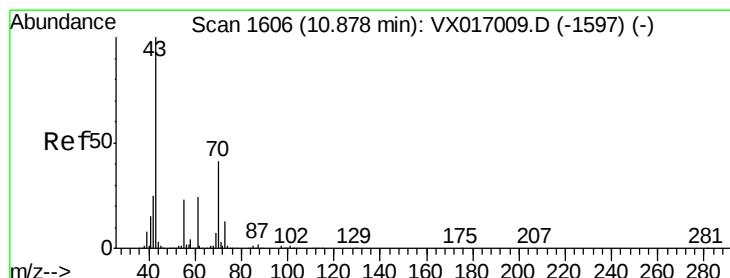
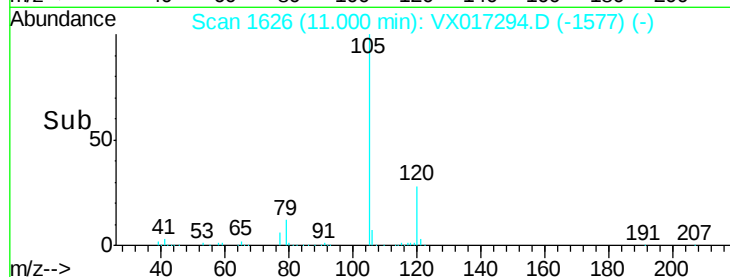
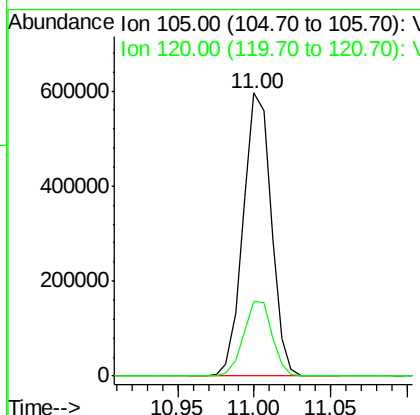
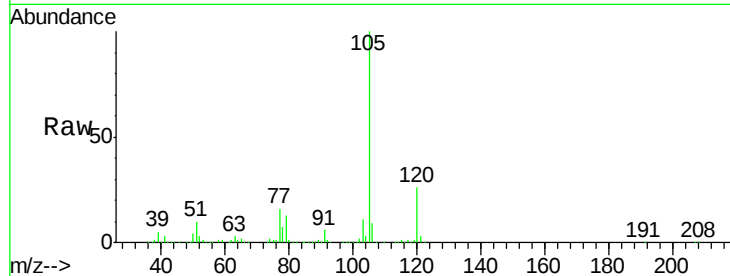
#73
Isopropylbenzene
Concen: 49.702 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

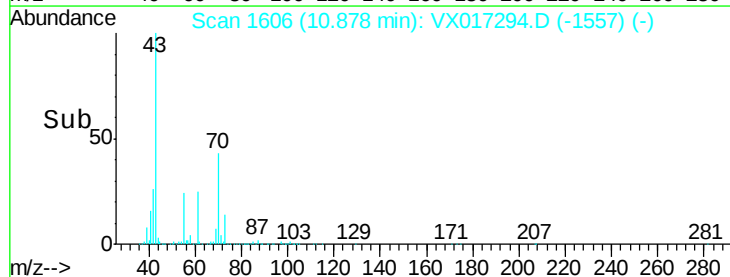
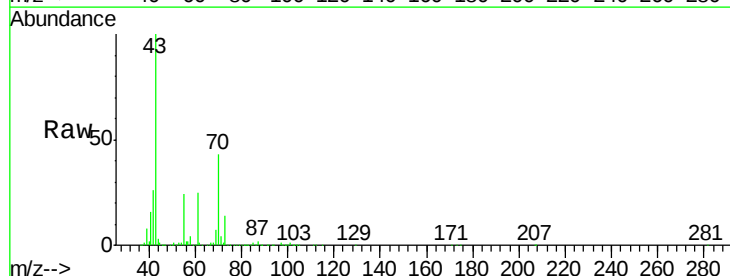
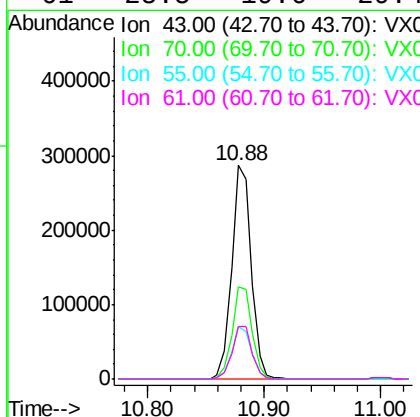
Manual Integrations
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7/9/2020 11:00:08 AM



#74
N-ethyl acetate
Concen: 51.333 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.1	34.2	51.2
55	24.7	19.2	28.8
61	25.5	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.565 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

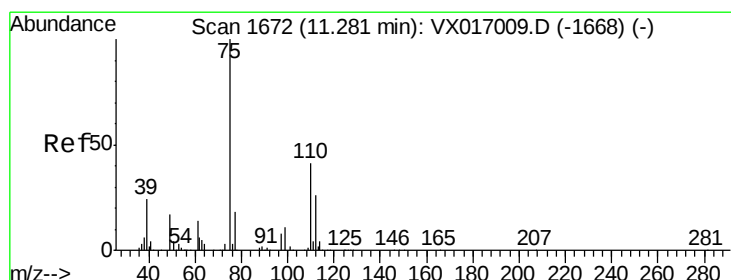
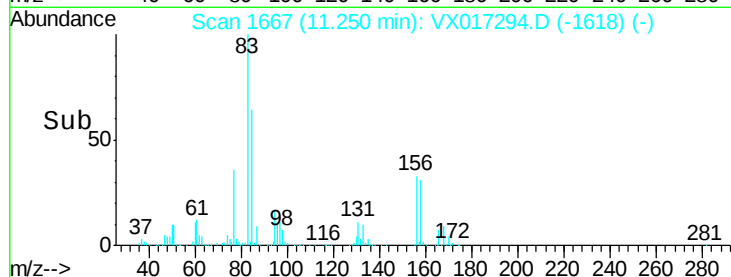
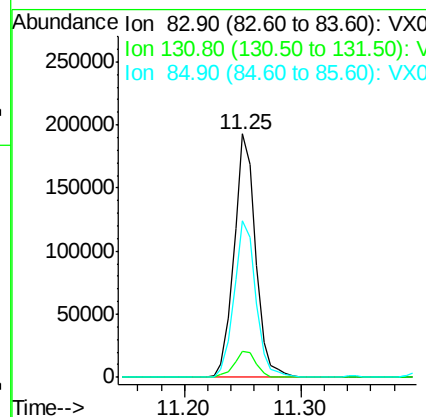
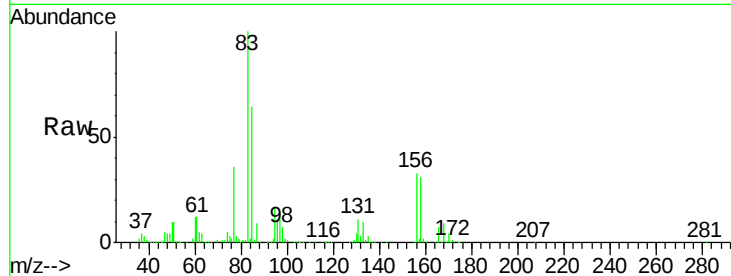
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	247692
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	65.1	31.9	95.9

Manual Integrations
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7/9/2020 11:00:08 AM



#76

1,2,3-Trichloropropane

Concen: 51.754 ug/l m

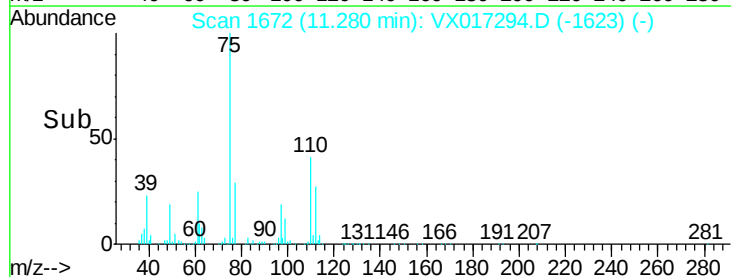
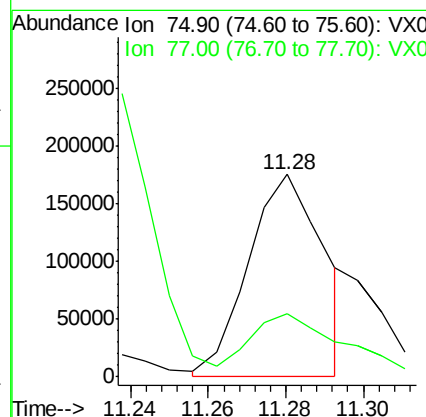
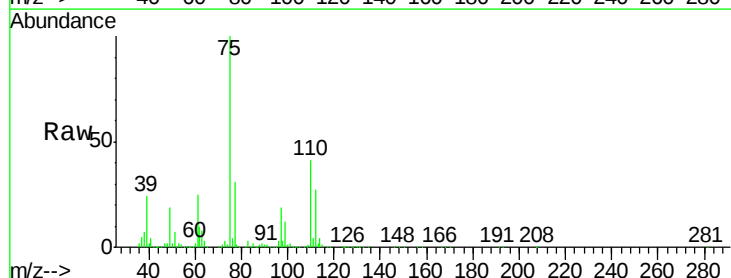
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion:	75	Resp:	237265
Ion Ratio	Lower	Upper	
75	100		
77	39.3	20.2	60.6





#77

Bromobenzene

Concen: 50.197 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

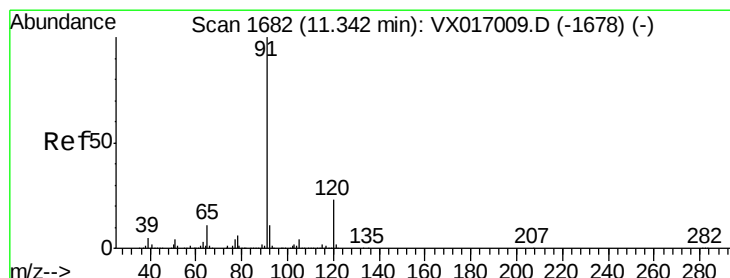
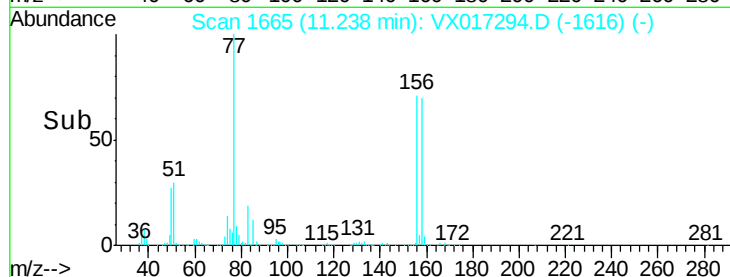
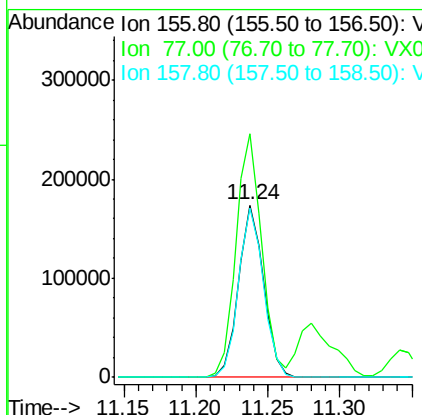
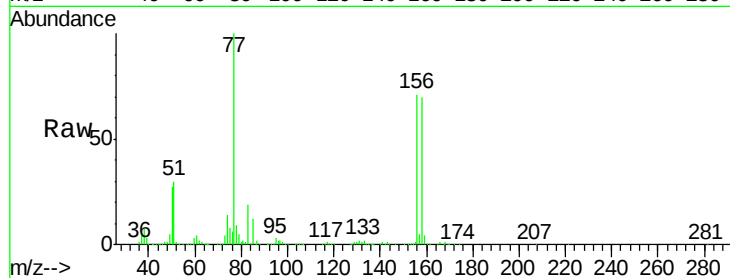
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.8	76.9	230.7
158	98.0	47.9	143.6

Manual Integrations
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7/9/2020 11:00:08 AM



#78

n-propylbenzene

Concen: 49.725 ug/l

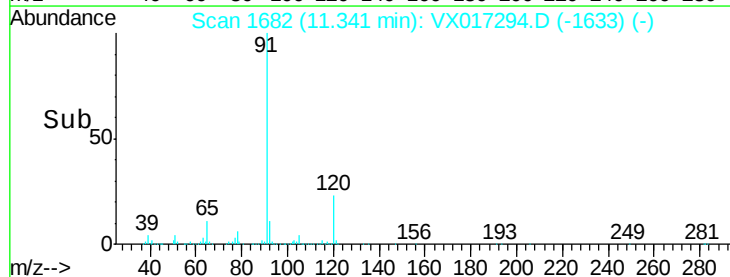
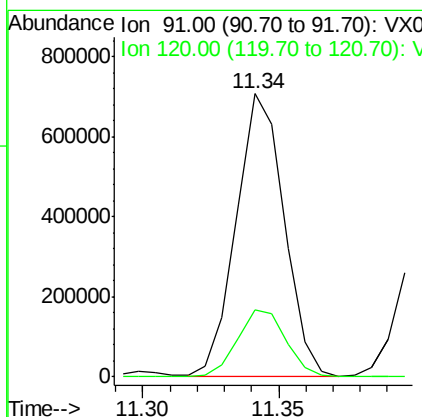
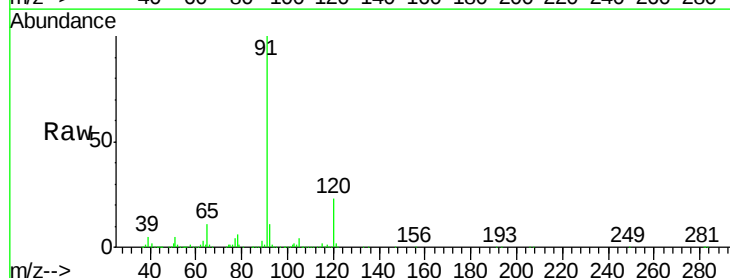
RT: 11.34 min Scan# 1682

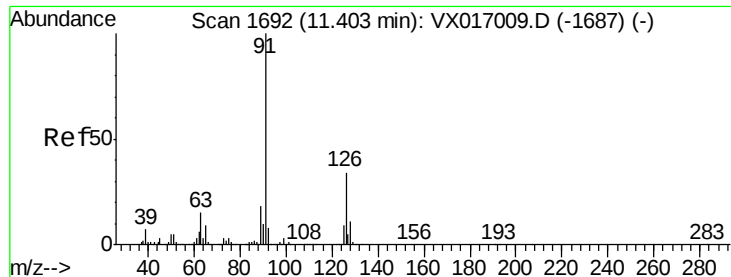
Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.9





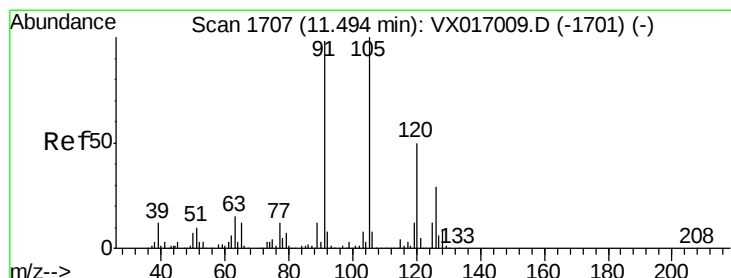
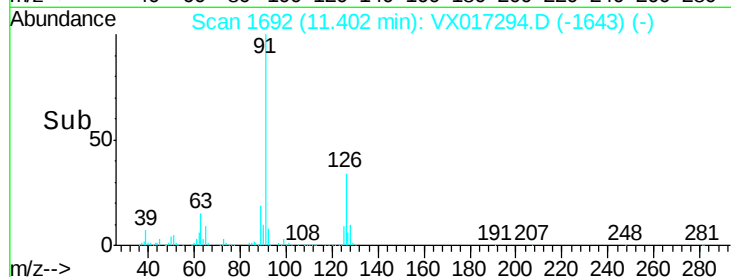
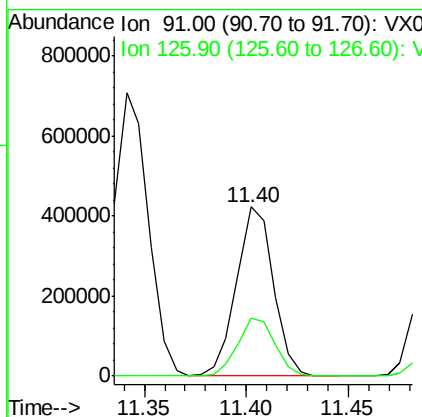
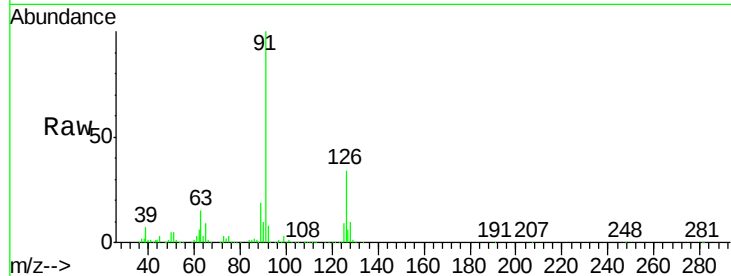
#79
2-Chlorotoluene
Concen: 50.715 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.4	52.3

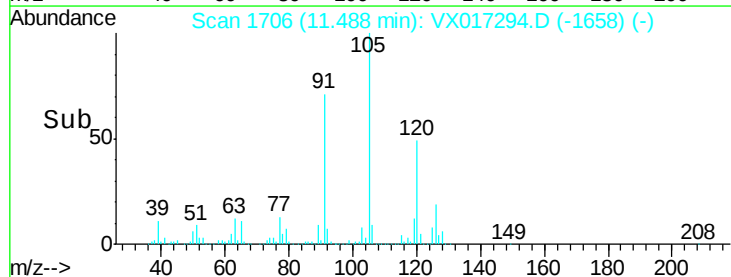
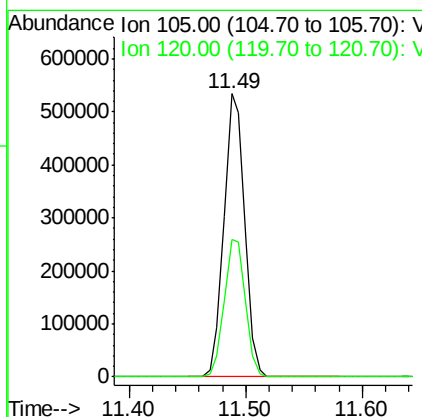
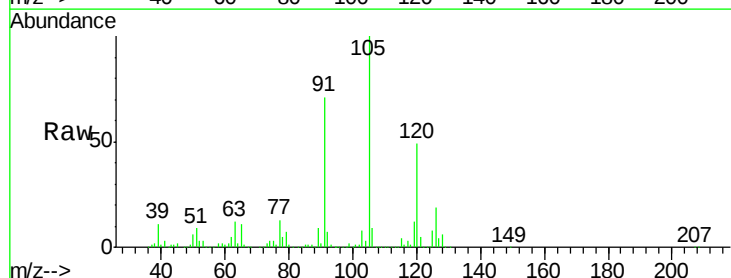
Manual Integrations
APPROVED

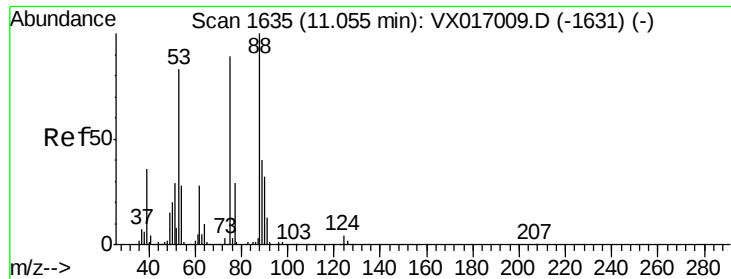
MMDadoda
7/9/2020 11:00:08 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.538 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.9	74.6





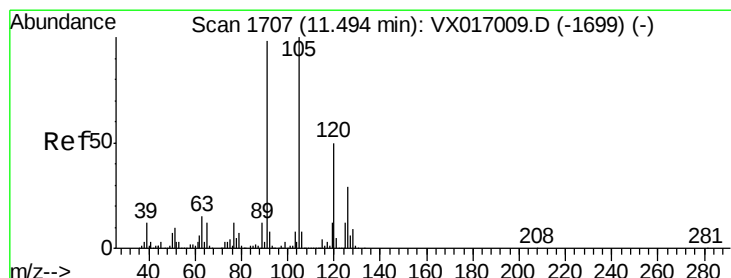
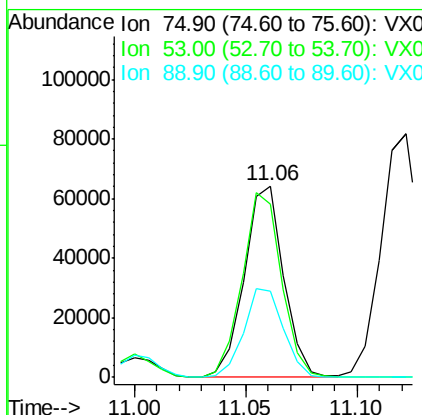
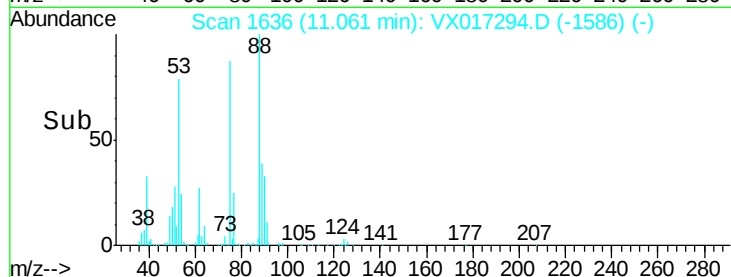
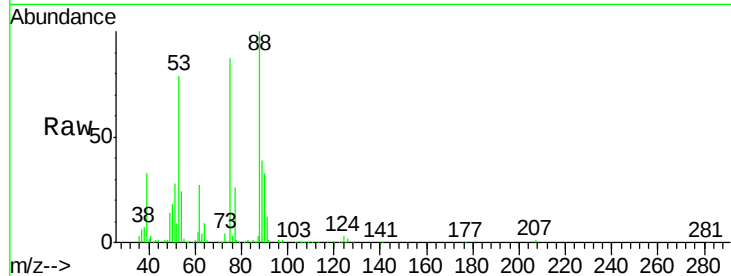
#81
trans-1,4-Dichloro-2-butene
Concen: 44.254 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.0	72.4	108.6
89	47.4	37.0	55.4

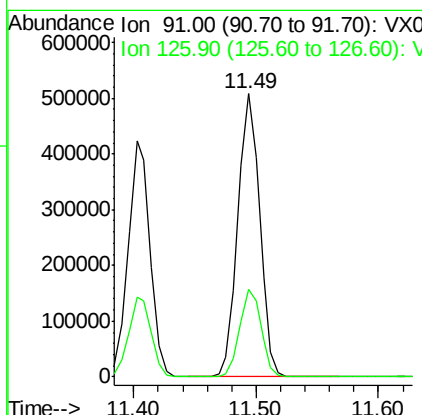
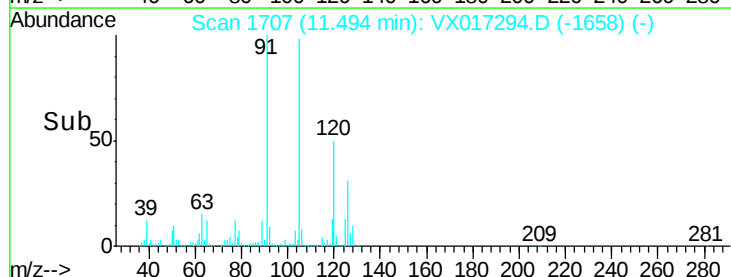
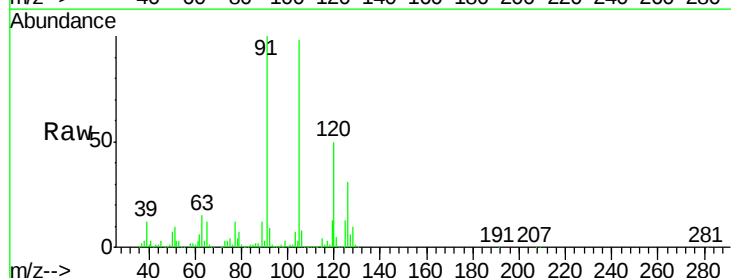
Manual Integrations
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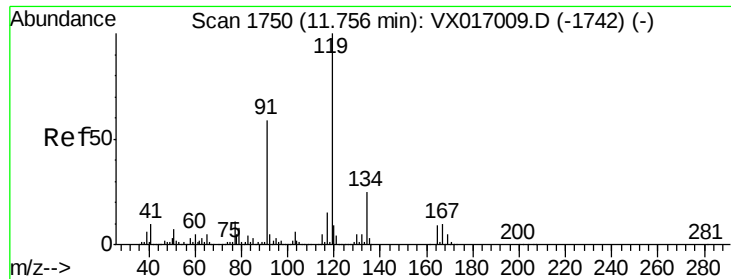
MMDadoda
7/9/2020 11:00:08 AM



#82
4-Chlorotoluene
Concen: 50.091 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.5





#83

tert-Butylbenzene

Concen: 51.455 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

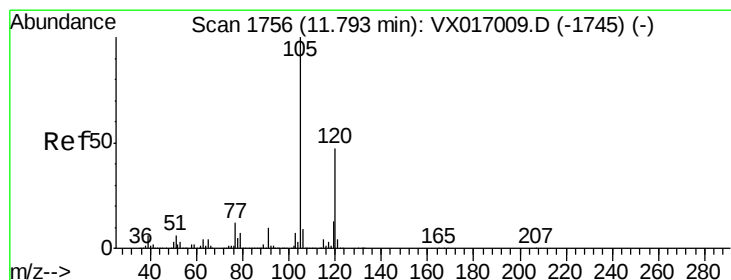
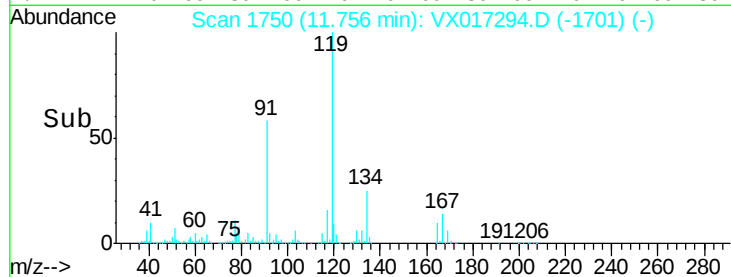
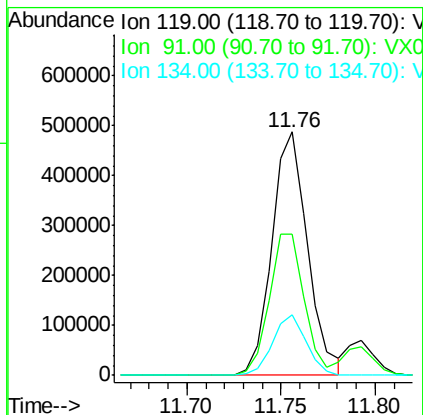
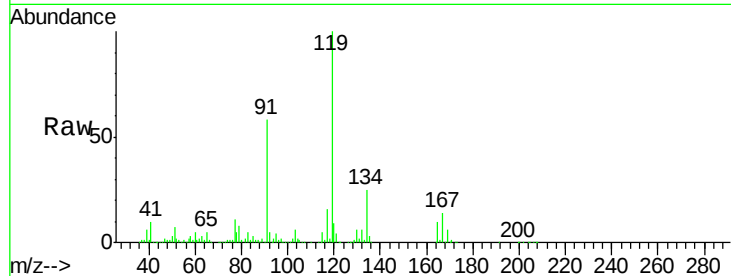
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	639798
Ion Ratio	Lower	Upper	
119	100		
91	57.0	28.3	84.9
134	23.5	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.061 ug/l

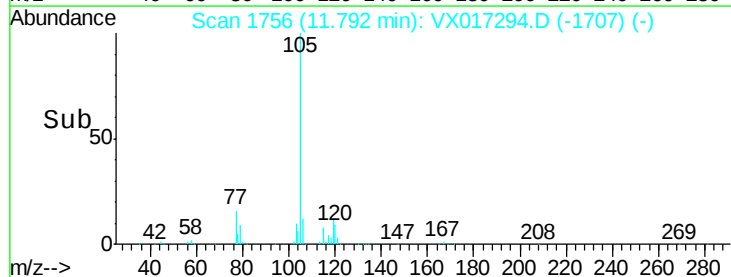
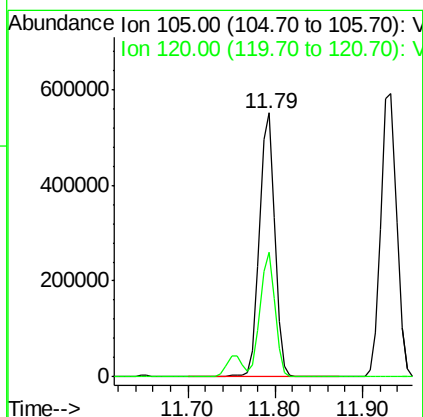
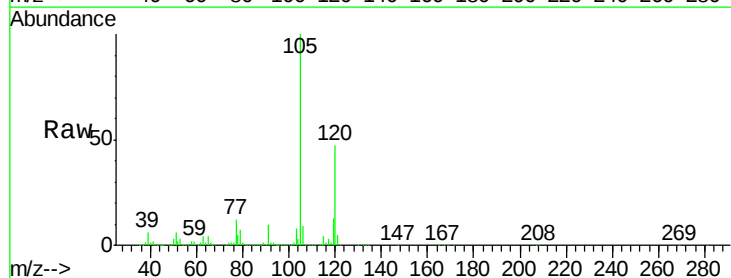
RT: 11.79 min Scan# 1756

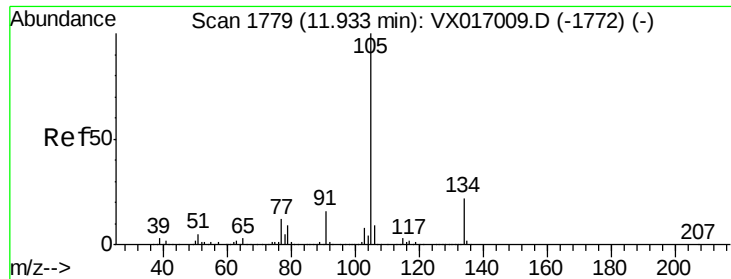
Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Tgt Ion:	105	Resp:	669005
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.9	68.5





#85

sec-Butylbenzene

Concen: 50.927 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 744356

Ion Ratio Lower Upper

105 100

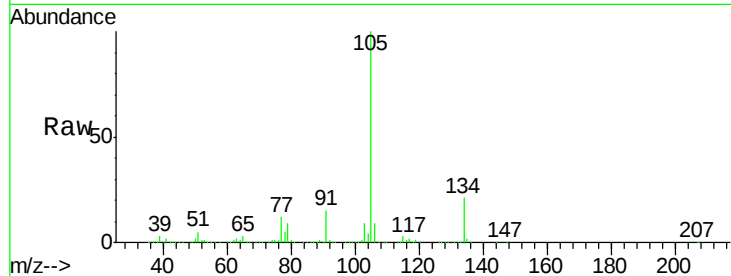
134 20.8 10.5 31.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

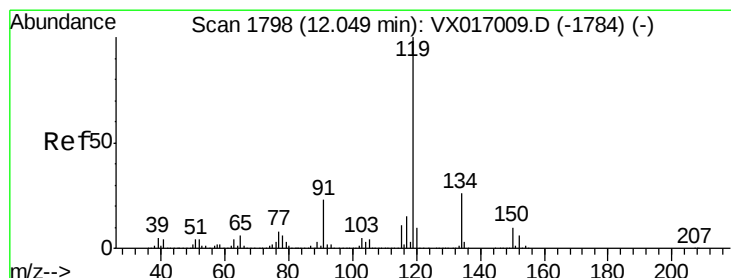
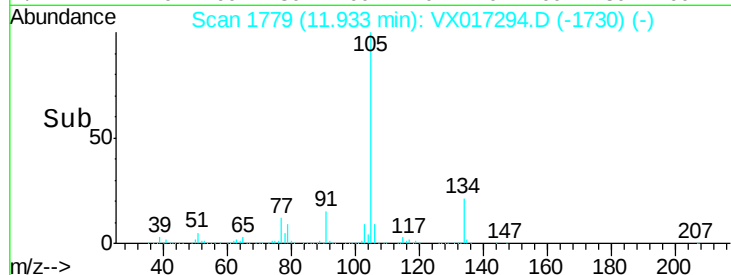
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.950 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017294.D

Acq: 09 Jul 2020 06:14

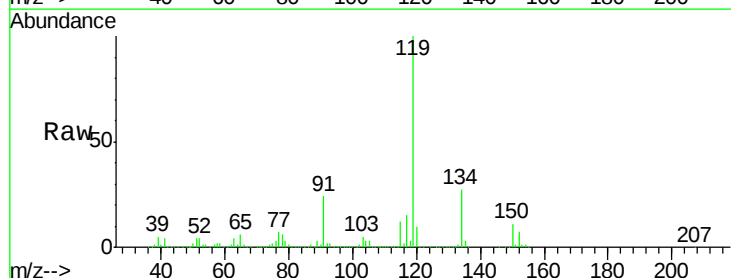
Tgt Ion:119 Resp: 706858

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

800000

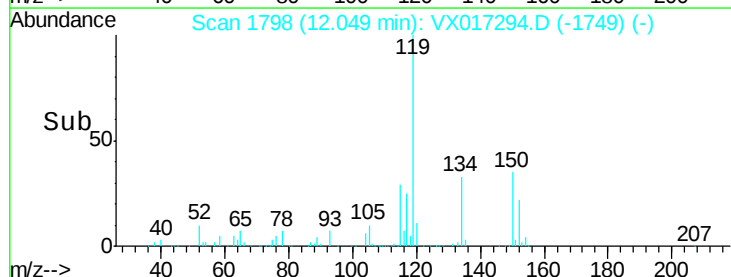
600000

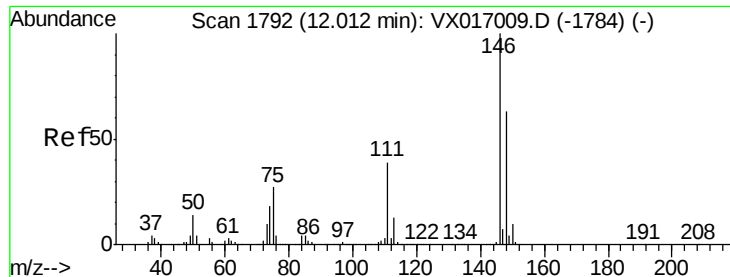
400000

200000

0

Time-->





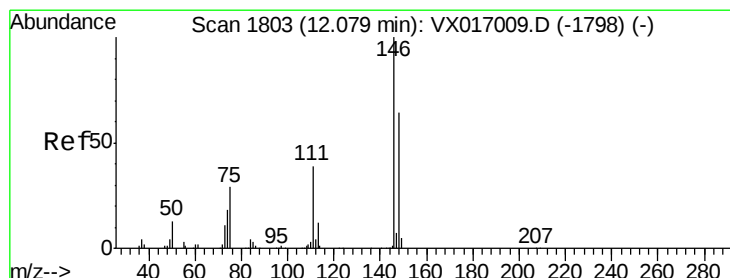
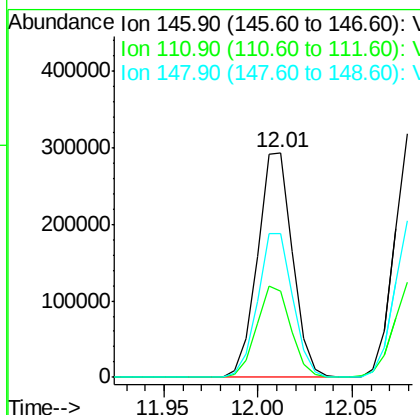
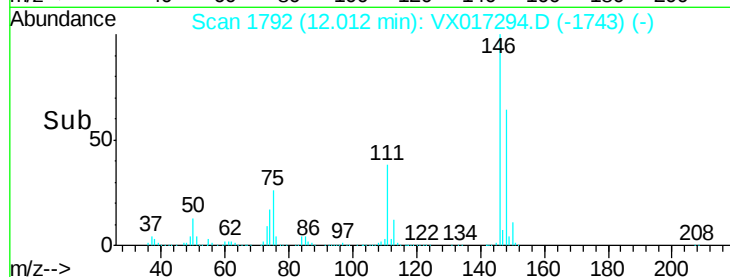
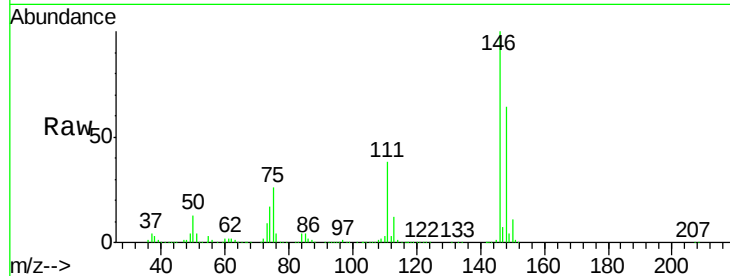
#87
 1,3-Dichlorobenzene
 Concen: 49.514 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.2
148	64.6	32.5	97.5

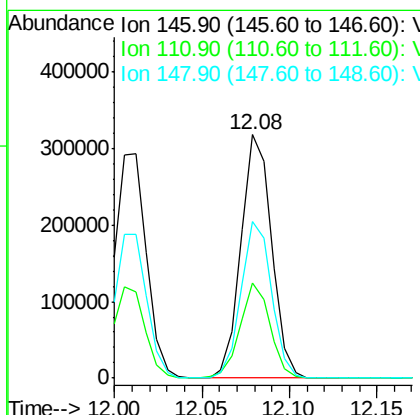
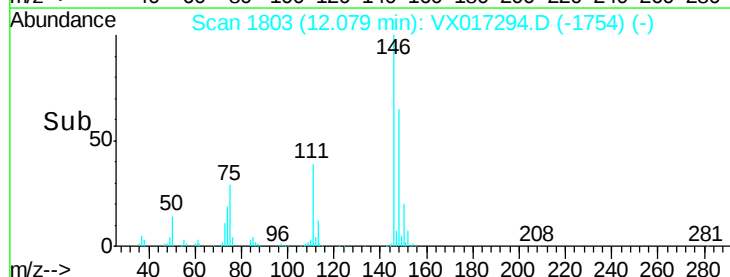
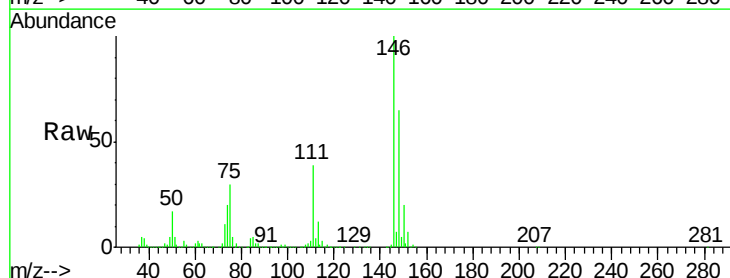
Manual Integrations
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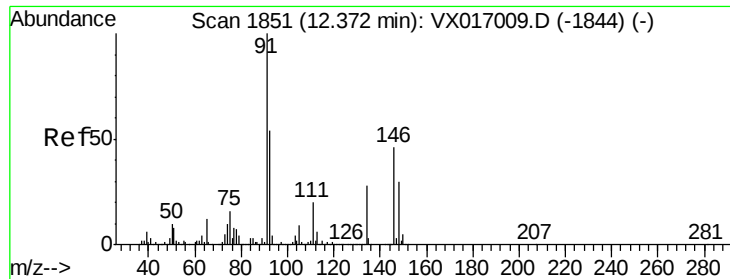
MMDadoda
 7/9/2020 11:00:08 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.851 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.5	58.5
148	64.2	31.9	95.7





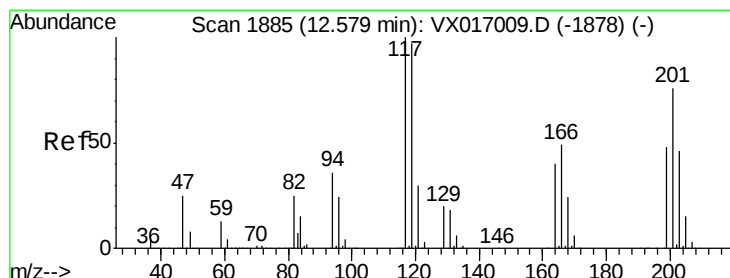
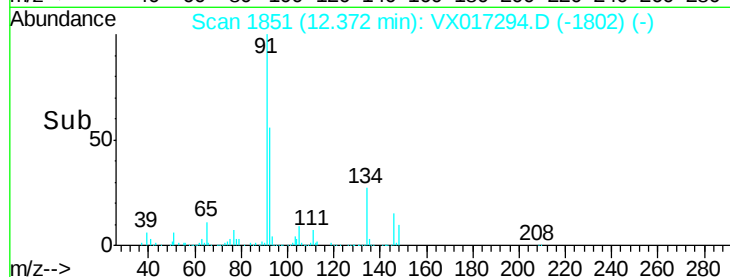
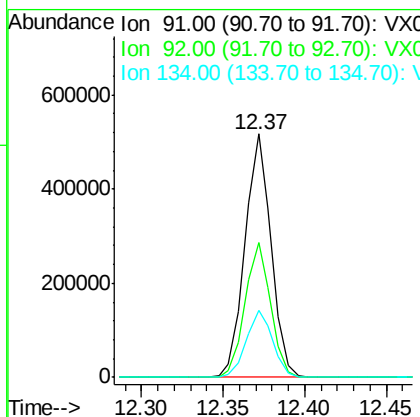
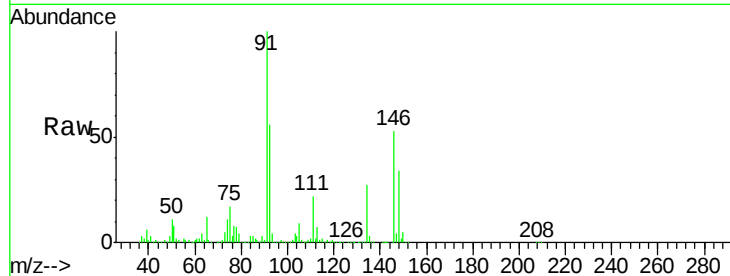
#89
n-Butylbenzene
Concen: 47.403 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.6
134	27.6	13.6	40.7

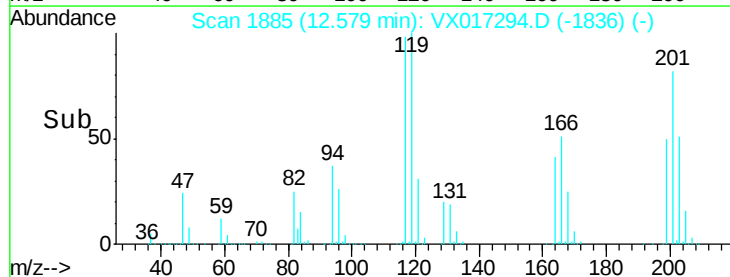
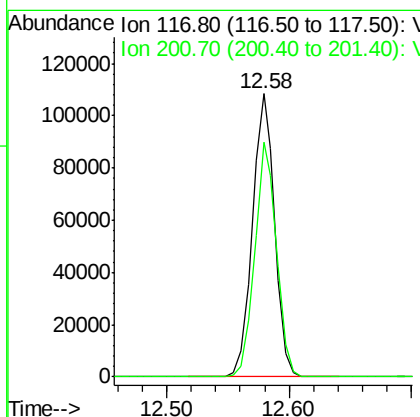
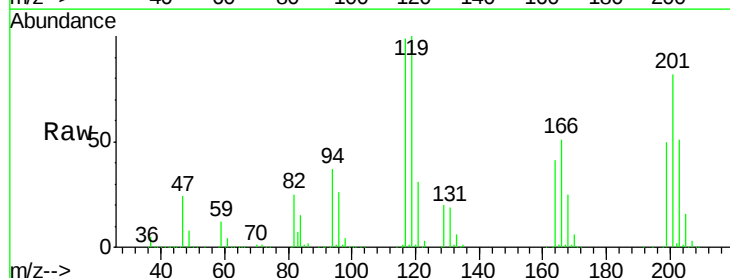
Manual Integrations
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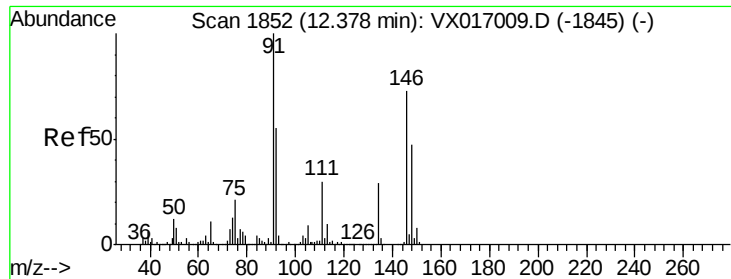
MMDadoda
7/9/2020 11:00:08 AM



#90
Hexachloroethane
Concen: 51.194 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.5	39.4	118.2





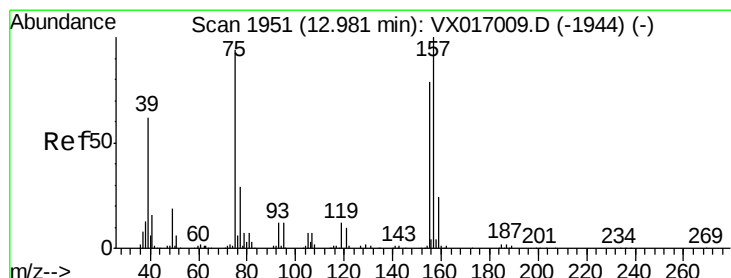
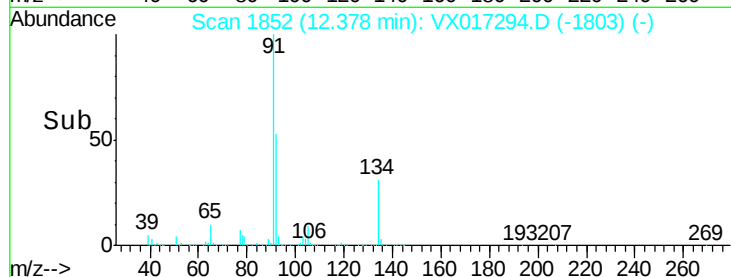
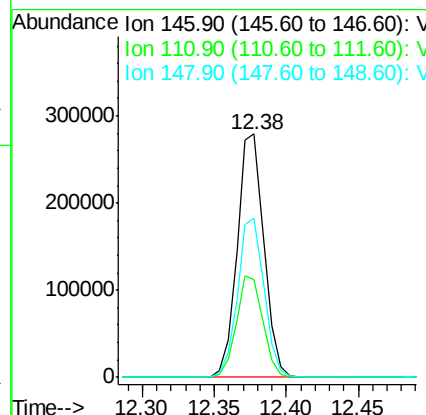
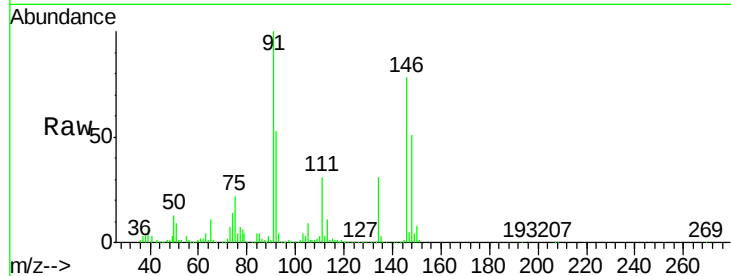
#91
 1,2-Dichlorobenzene
 Concen: 50.953 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	64.8	32.4	97.2

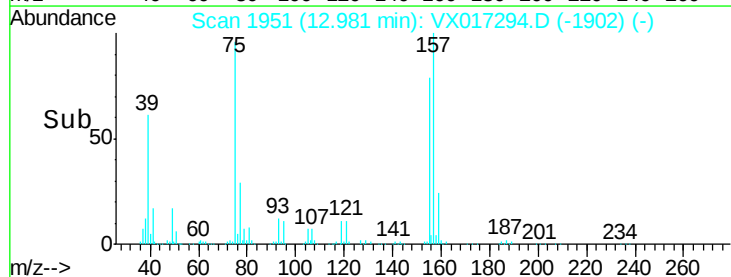
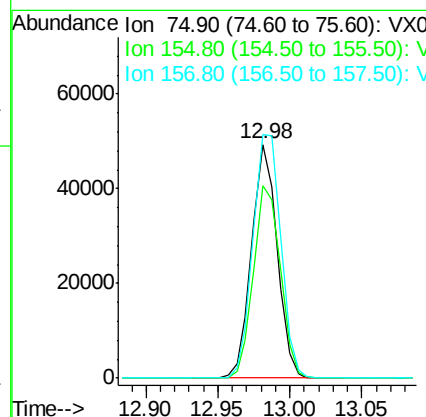
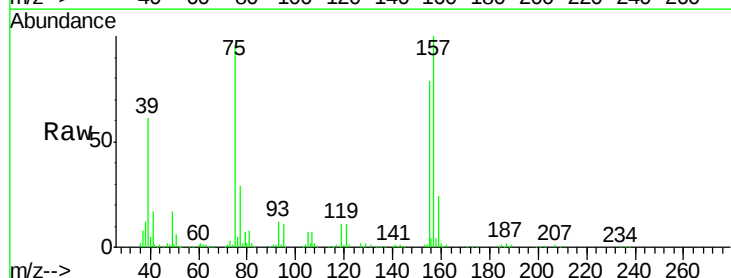
Manual Integrations
 APPROVED

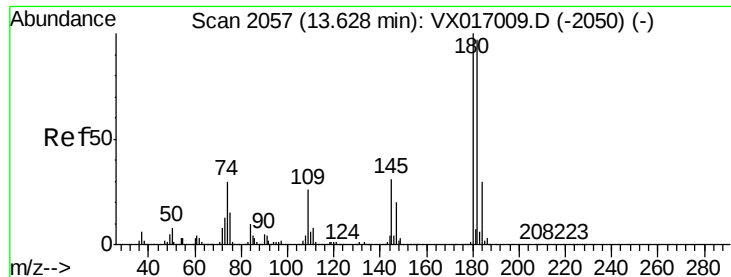
MMDadoda
 7/9/2020 11:00:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.525 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	45.1	135.2
157	114.3	56.5	169.3





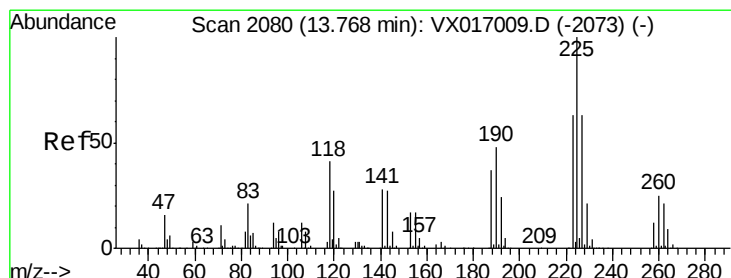
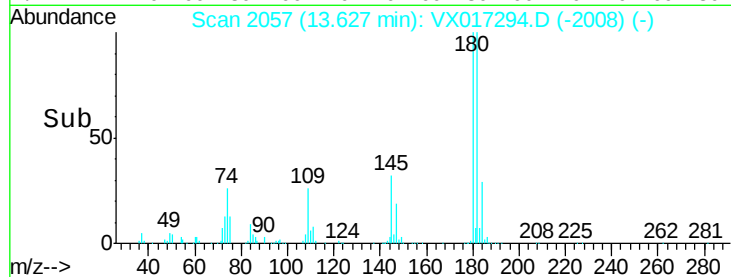
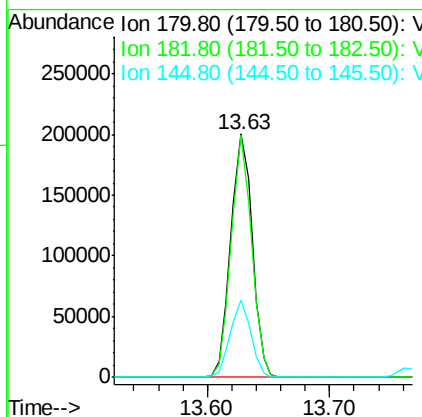
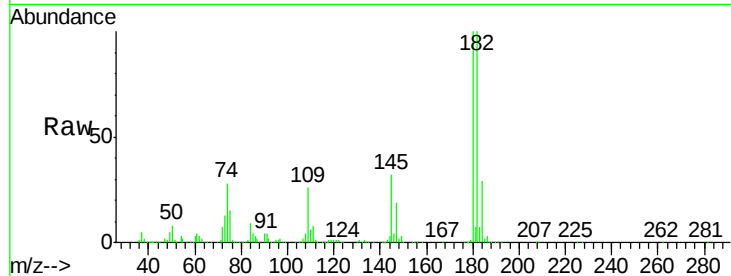
#93
 1,2,4-Trichlorobenzene
 Concen: 49.795 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	242164		
182	94.8	47.3	141.9	
145	30.8	15.4	46.2	

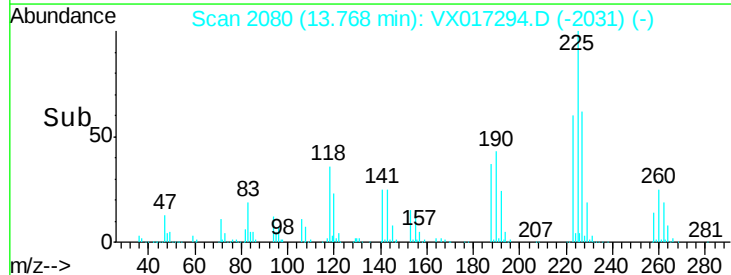
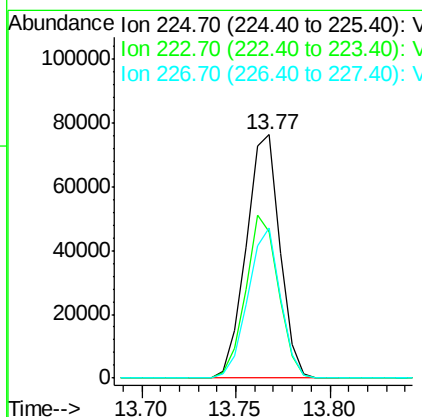
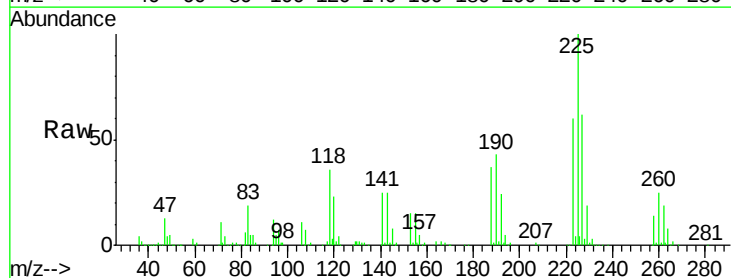
Manual Integrations
 APPROVED

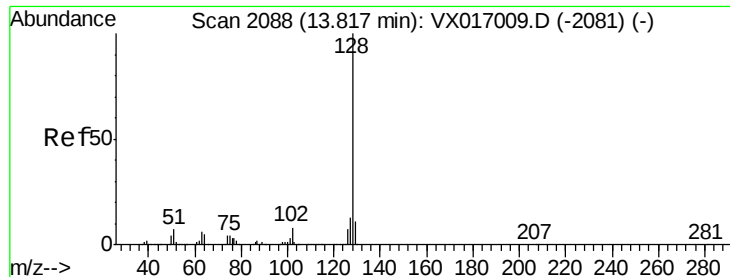
MMDadoda
 7/9/2020 11:00:08 AM



#94
 Hexachlorobutadiene
 Concen: 51.261 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017294.D
 Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94651		
223	65.3	32.5	97.5	
227	59.4	33.1	99.2	





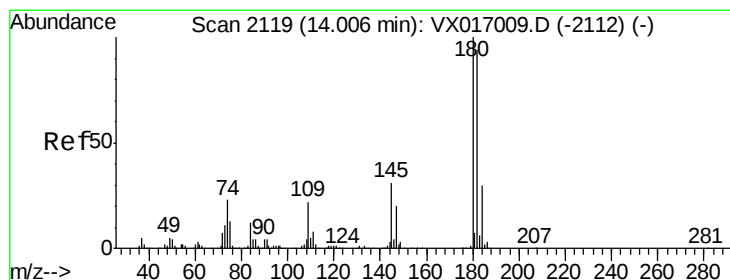
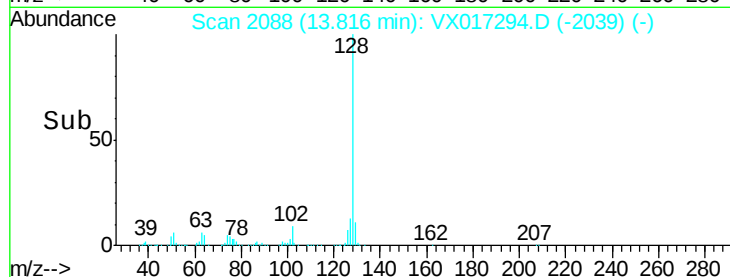
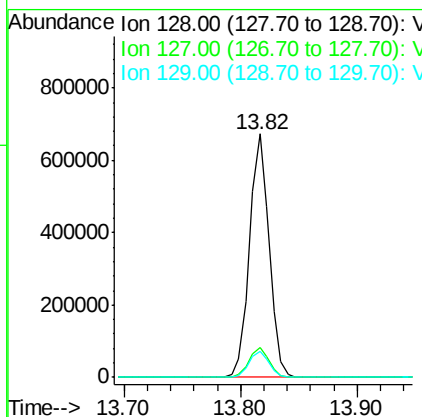
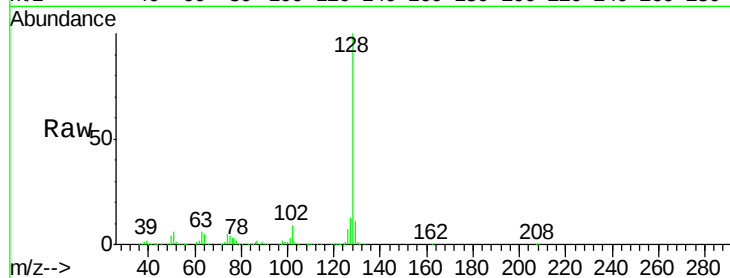
#95
Naphthalene
Concen: 53.617 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/9/2020 11:00:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.354 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017294.D
Acq: 09 Jul 2020 06:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.1	141.4
145	31.7	16.6	49.7

