

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017363.D
 Acq On : 13 Jul 2020 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:16 AM

Quant Time: Jul 14 03:17:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	439870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233661	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	180071	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	5.47	113	146097	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
50) Toluene-d8	8.70	98	519362	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.12	95	210671	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	98784	44.253	ug/l	98
3) Chloromethane	1.31	50	144682	57.572	ug/l	97
4) Vinyl Chloride	1.39	62	127073	51.113	ug/l	97
5) Bromomethane	1.62	94	90770	56.085	ug/l	97
6) Chloroethane	1.71	64	84250	53.688	ug/l	94
7) Trichlorofluoromethane	1.92	101	184163	43.889	ug/l	97
8) Diethyl Ether	2.17	74	82332	55.508	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	93657	39.182	ug/l	97
10) Methyl Iodide	2.49	142	167806	52.828	ug/l	98
11) Tert butyl alcohol	3.01	59	173476	310.981	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116423	48.496	ug/l	95
13) Acrolein	2.27	56	78159	255.596	ug/l	98
14) Allyl chloride	2.71	41	230740	55.470	ug/l	97
15) Acrylonitrile	3.12	53	413528	305.800	ug/l	100
16) Acetone	2.42	43	340949	288.645	ug/l	98
17) Carbon Disulfide	2.55	76	349197	49.862	ug/l	99
18) Methyl Acetate	2.75	43	174489	59.808	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	489630	60.066	ug/l	100
20) Methylene Chloride	2.84	84	154881	53.742	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	143851	52.372	ug/l	96
22) Diisopropyl ether	3.82	45	471602	59.517	ug/l	99
23) Vinyl Acetate	3.79	43	2175008	312.110	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260538	55.948	ug/l	99
25) 2-Butanone	4.64	43	578188	308.186	ug/l	98
26) 2,2-Dichloropropane	4.55	77	204378	47.158	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	168106	55.811	ug/l	99
28) Bromochloromethane	4.98	49	129230	60.072	ug/l	96
29) Tetrahydrofuran	5.09	42	376212	309.783	ug/l	99
30) Chloroform	5.18	83	279173	55.721	ug/l	96
31) Cyclohexane	5.54	56	165691	43.462	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	234293	50.584	ug/l	99
36) 1,1-Dichloropropene	5.77	75	183265	45.295	ug/l	99
37) Ethyl Acetate	4.79	43	227277	54.318	ug/l	99
38) Carbon Tetrachloride	5.75	117	207567	43.817	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160768	36.590	ug/l	96
40) Benzene	6.11	78	589245	50.676	ug/l	100
41) Methacrylonitrile	5.00	41	125828	56.016	ug/l	99
42) 1,2-Dichloroethane	6.17	62	230239	50.964	ug/l	100
43) Isopropyl Acetate	6.42	43	371396	55.548	ug/l	100
44) Trichloroethene	7.19	130	169913	47.840	ug/l	97
45) 1,2-Dichloropropane	7.49	63	157966	53.093	ug/l	98
46) Dibromomethane	7.64	93	113454	52.873	ug/l	98
47) Bromodichloromethane	7.88	83	236173	52.645	ug/l	99
48) Methyl methacrylate	7.74	41	184412	57.477	ug/l	100
49) 1,4-Dioxane	7.71	88	75435	1148.896	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1167748	286.437	ug/l	100
52) Toluene	8.76	92	382268	51.230	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	258795	53.548	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	270663	52.508	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	166826	53.616	ug/l	98
56) Ethyl methacrylate	9.16	69	255423	57.821	ug/l	99
57) 1,3-Dichloropropane	9.35	76	275720	53.272	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	672249	299.711	ug/l	100
59) 2-Hexanone	9.47	43	892682	290.116	ug/l	99
60) Dibromochloromethane	9.57	129	203046	53.416	ug/l	99
61) 1,2-Dibromoethane	9.65	107	182296	53.856	ug/l	99
64) Tetrachloroethene	9.32	164	163775	43.948	ug/l	99
65) Chlorobenzene	10.12	112	440986	50.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	179754	51.600	ug/l	98
67) Ethyl Benzene	10.24	91	722951	49.633	ug/l	99
68) m/p-Xylenes	10.34	106	569159	102.698	ug/l	97
69) o-Xylene	10.68	106	273960	51.733	ug/l	99
70) Styrene	10.70	104	493633	54.303	ug/l	99
71) Bromoform	10.84	173	159295	54.190	ug/l #	100
73) Isopropylbenzene	11.00	105	701462	47.890	ug/l	99
74) N-amyl acetate	10.88	43	339958	57.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	244428	54.961	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	239656m	55.506	ug/l	
77) Bromobenzene	11.24	156	209120	50.127	ug/l	96
78) n-propylbenzene	11.34	91	800538	48.664	ug/l	100
79) 2-Chlorotoluene	11.40	91	514576	50.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	623979	50.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	90644	53.256	ug/l	97
82) 4-Chlorotoluene	11.49	91	616553	51.319	ug/l	99
83) tert-Butylbenzene	11.76	119	593739	49.399	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	644908	51.341	ug/l	99
85) sec-Butylbenzene	11.93	105	655683	46.596	ug/l	100
86) p-Isopropyltoluene	12.05	119	637742	47.898	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	365237	48.940	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	369152	48.960	ug/l	99
89) n-Butylbenzene	12.37	91	520176	45.809	ug/l	100
90) Hexachloroethane	12.58	117	120230	47.564	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	350986	50.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59026	50.299	ug/l	99

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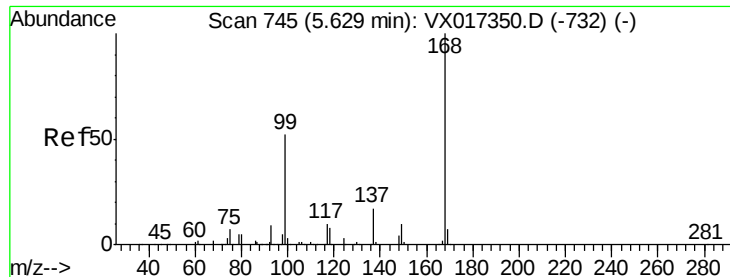
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	233947	48.055	ug/l	99
94) Hexachlorobutadiene	13.77	225	81668	41.135	ug/l	97
95) Naphthalene	13.82	128	784601	54.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	240312	51.101	ug/l	97

(#) = 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. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 263803

Ion Ratio Lower Upper

168 100

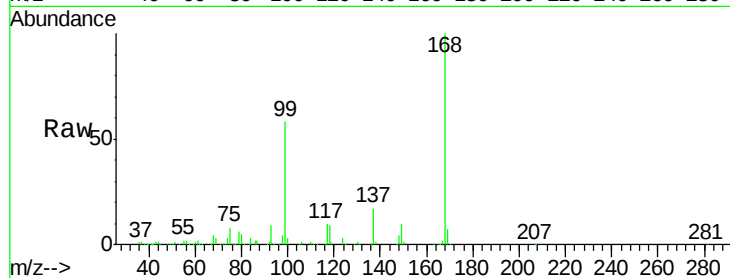
99 57.4 41.6 62.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

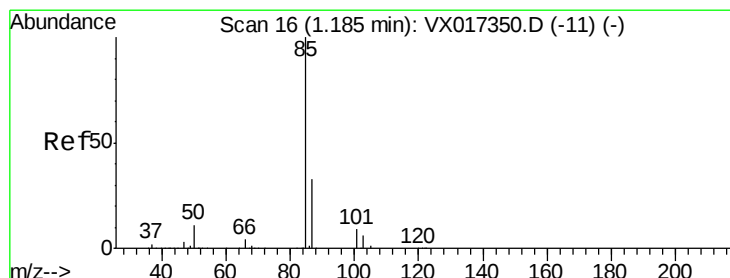
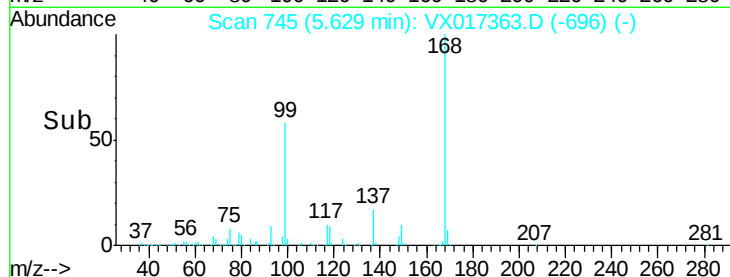
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.253 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017363.D

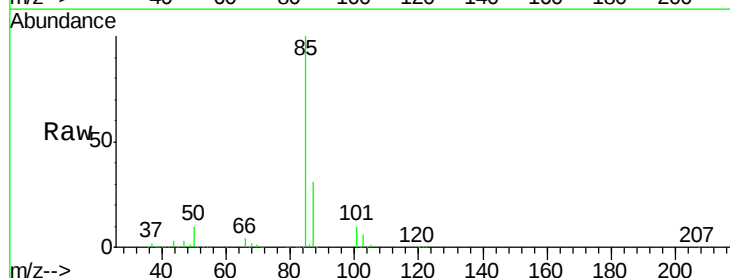
Acq: 13 Jul 2020 19:07

Tgt Ion: 85 Resp: 98784

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

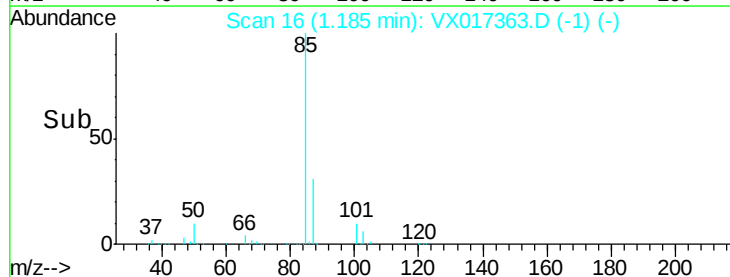
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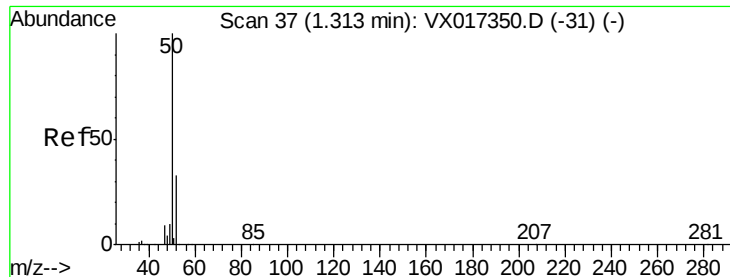
40000

20000

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Time-->





#3

Chloromethane

Concen: 57.572 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 144682

Ion Ratio Lower Upper

50 100

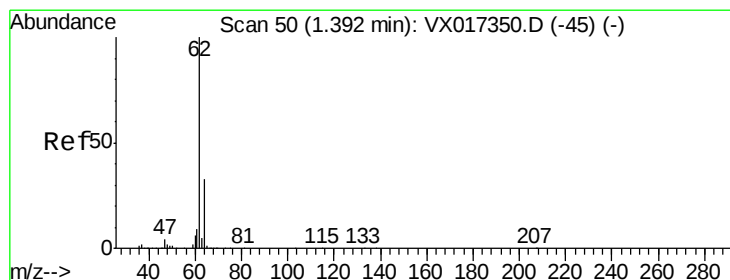
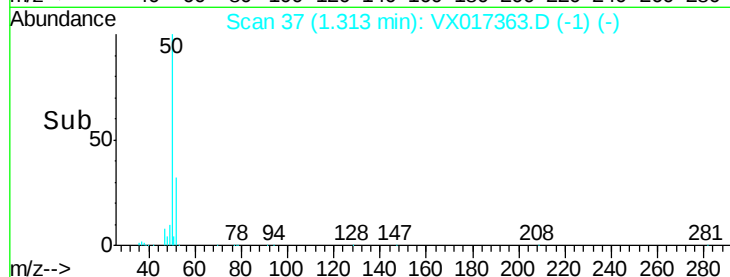
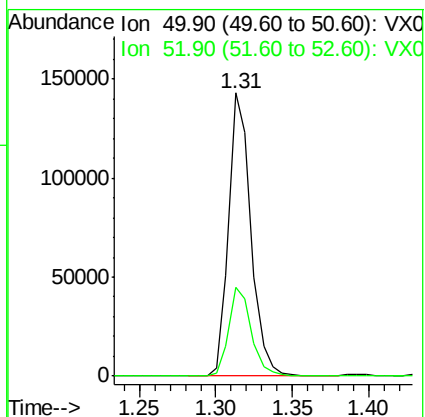
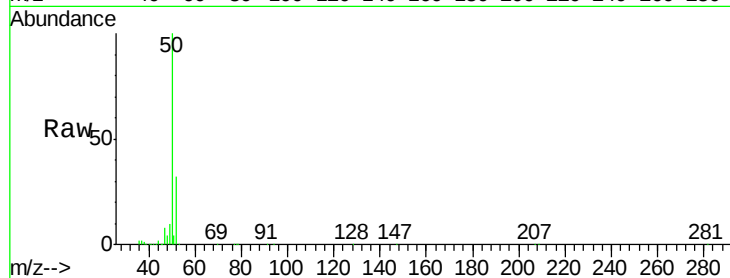
52 31.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.113 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017363.D

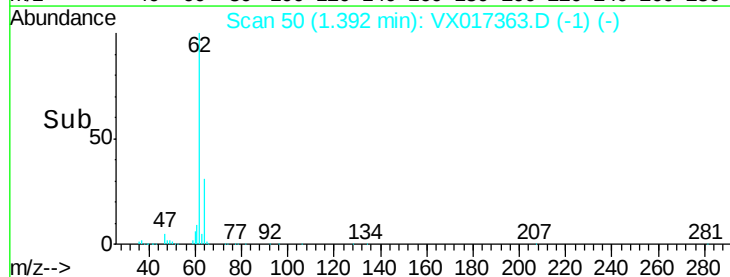
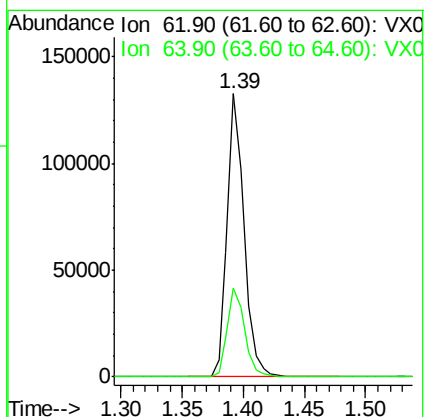
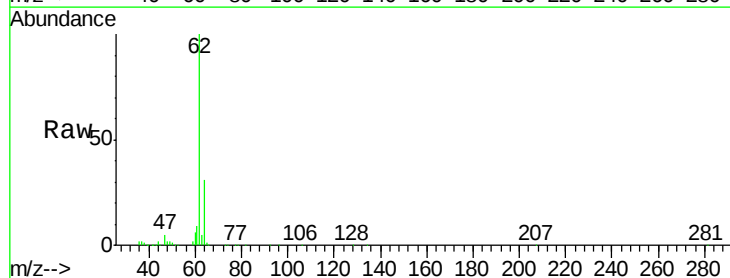
Acq: 13 Jul 2020 19:07

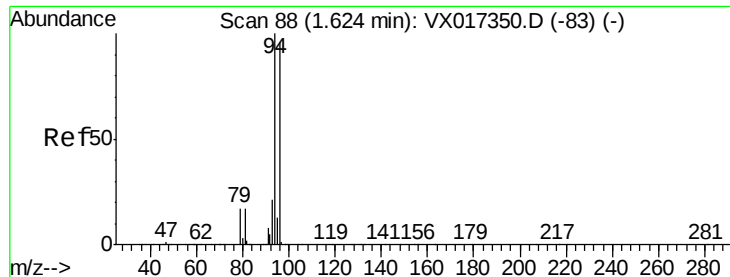
Tgt Ion: 62 Resp: 127073

Ion Ratio Lower Upper

62 100

64 31.4 26.3 39.5





#5

Bromomethane

Concen: 56.085 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 90770

Ion Ratio Lower Upper

94 100

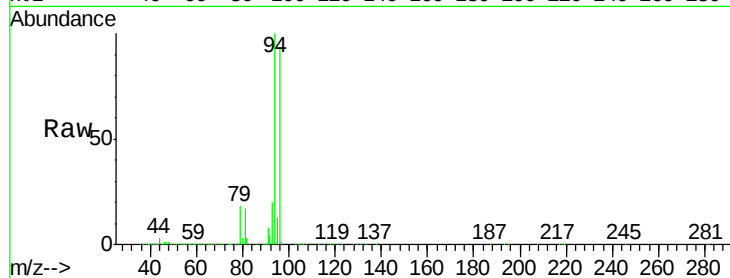
96 92.6 76.6 115.0

Manual Integrations

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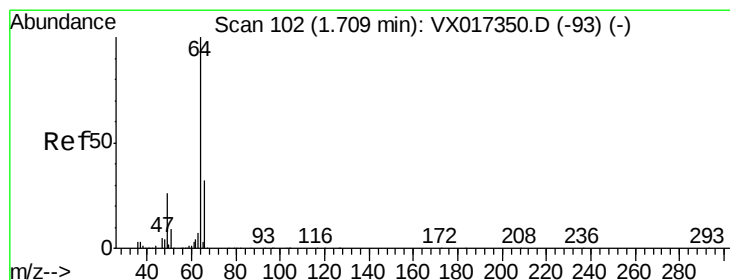
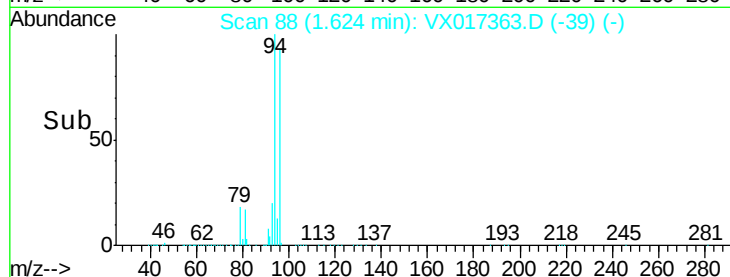
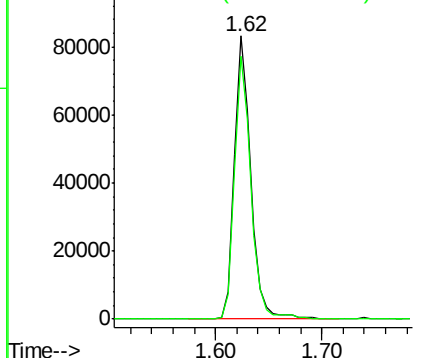
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.688 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017363.D

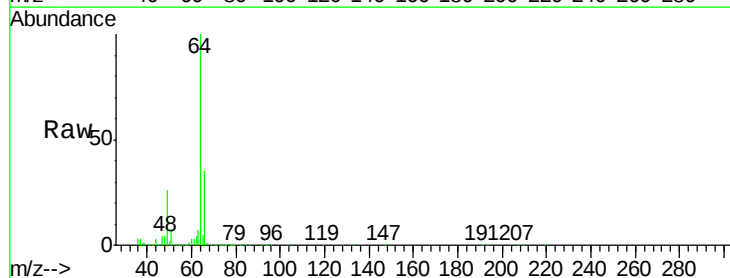
Acq: 13 Jul 2020 19:07

Tgt Ion: 64 Resp: 84250

Ion Ratio Lower Upper

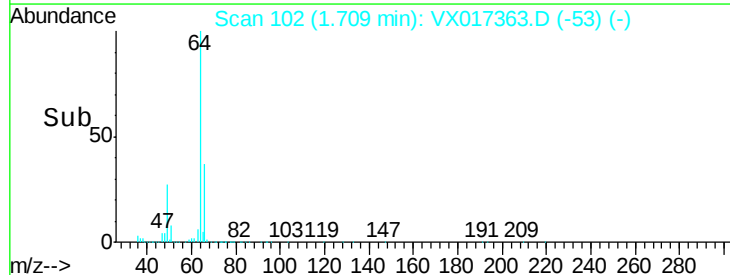
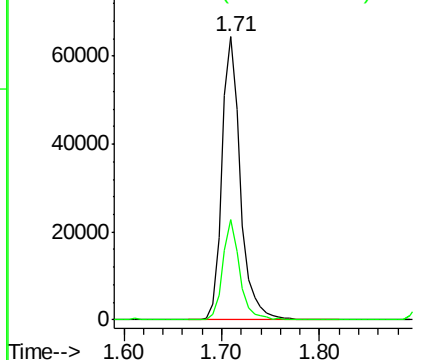
64 100

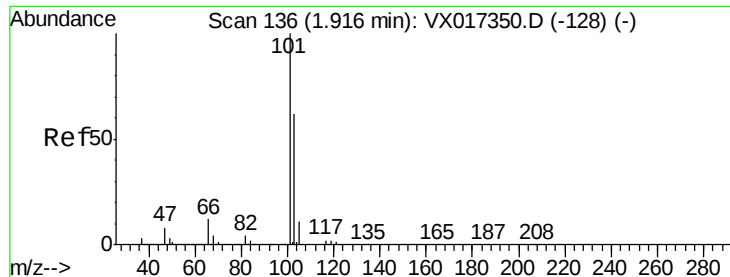
66 35.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

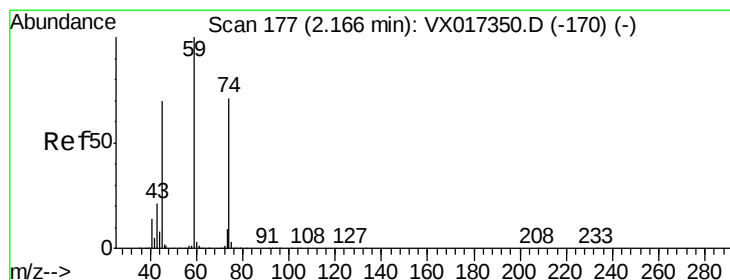
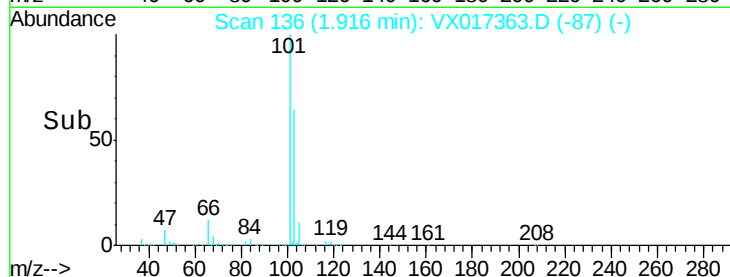
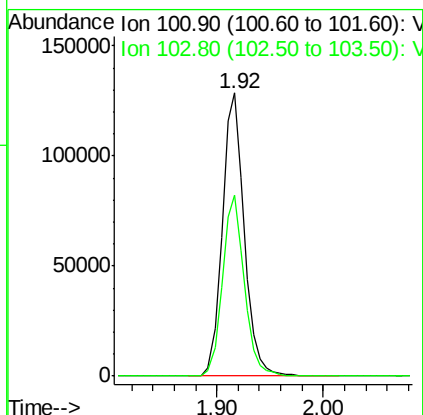
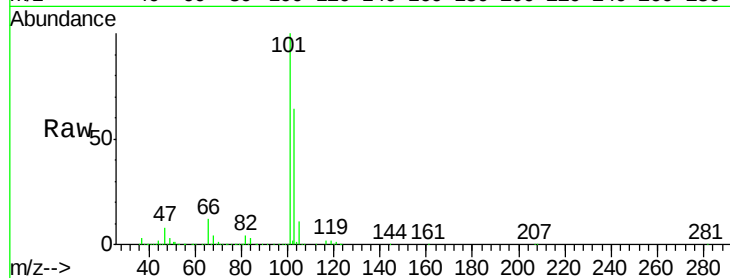
Trichlorofluoromethane
Concen: 43.889 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	49.6	74.4

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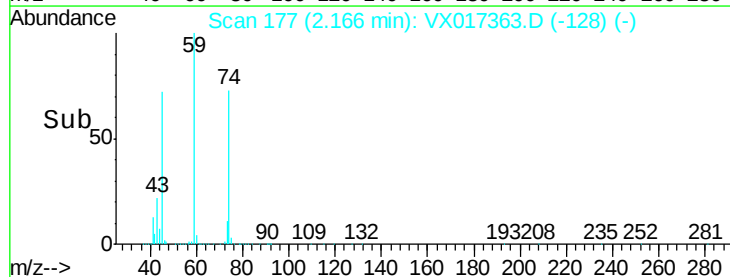
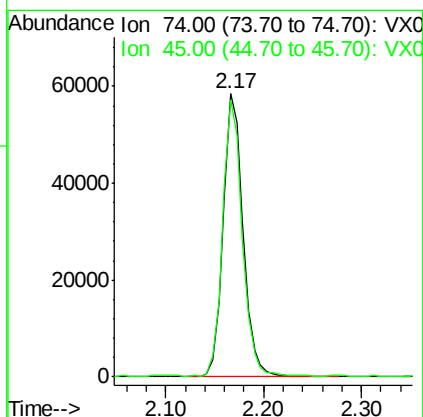
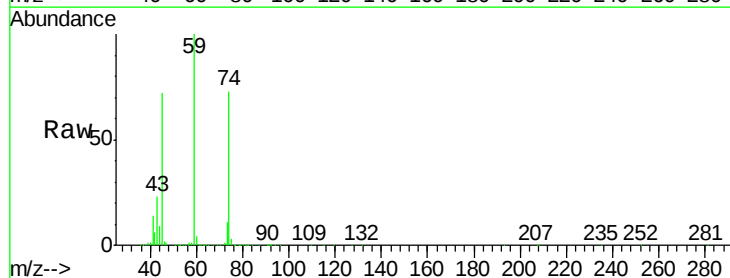
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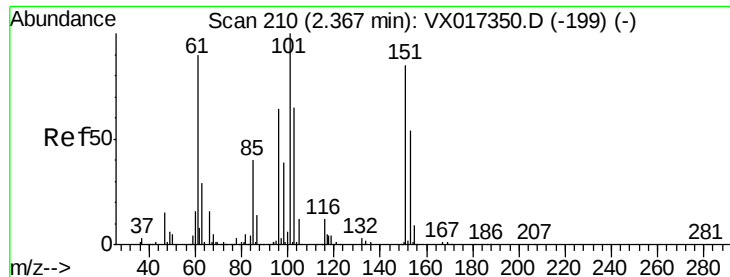


#8

Diethyl Ether
Concen: 55.508 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.182 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

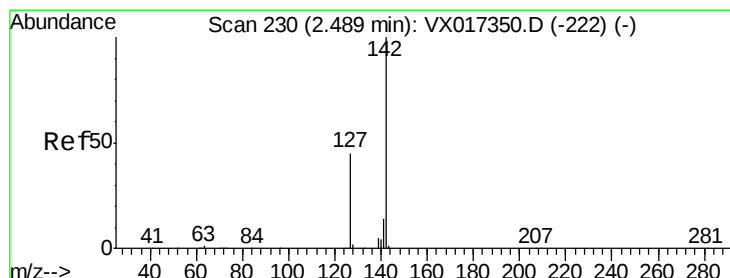
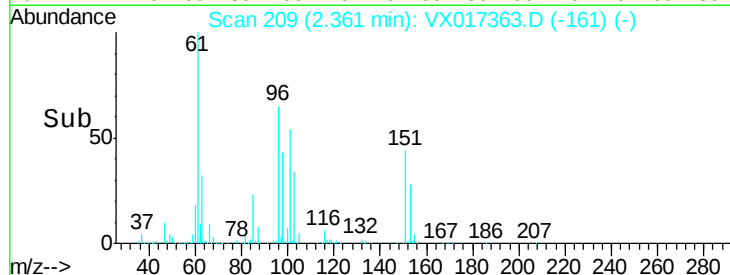
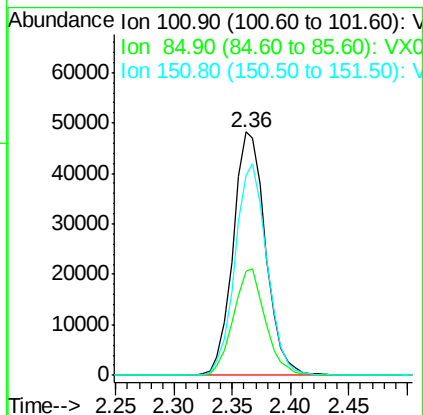
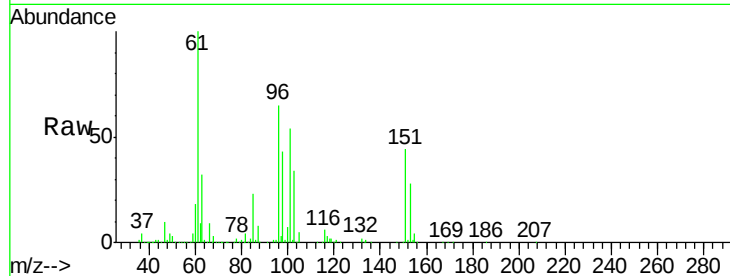
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	93657
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.7	50.5
151	85.9	66.4	99.6

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#10

Methyl Iodide

Concen: 52.828 ug/l

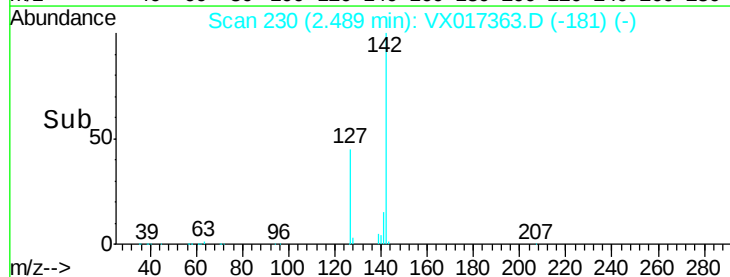
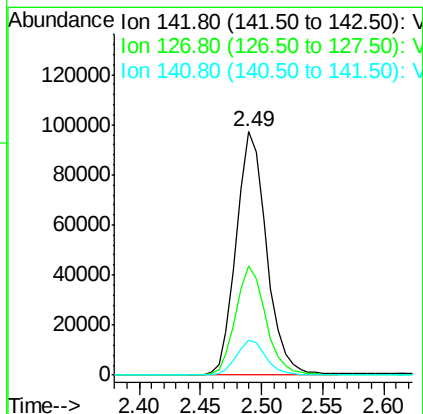
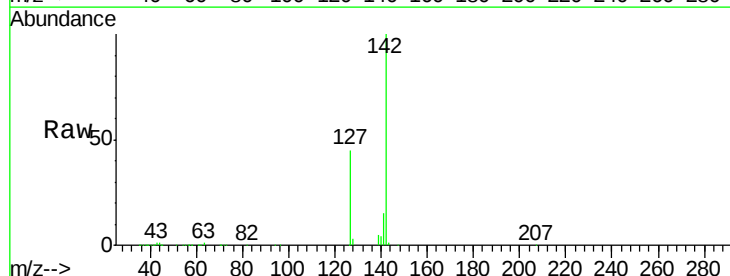
RT: 2.49 min Scan# 230

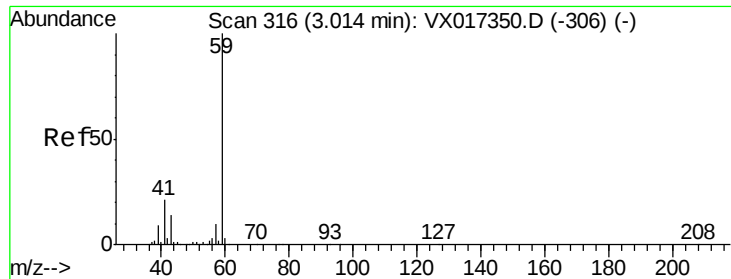
Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion:	142	Resp:	167806
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.8	55.2
141	14.3	11.4	17.0





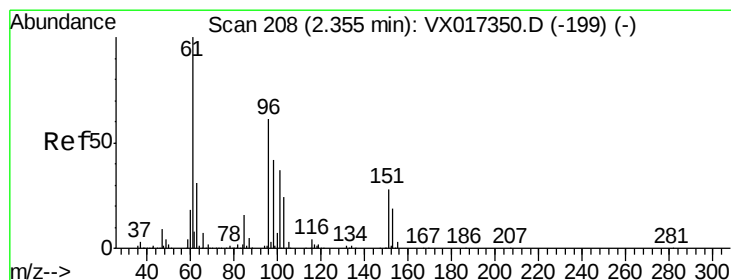
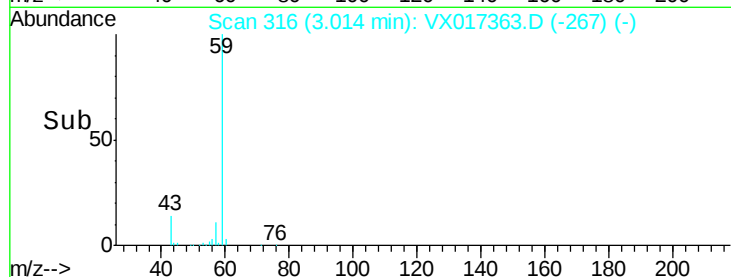
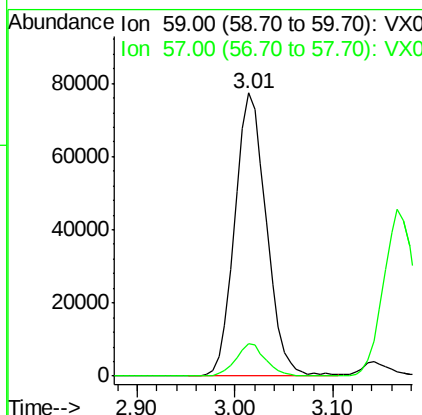
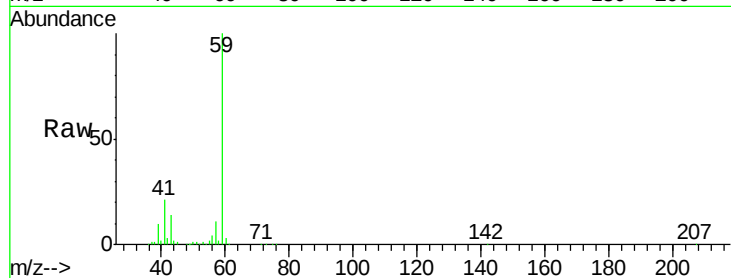
#11
Tert butyl alcohol
Concen: 310.981 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 173476
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

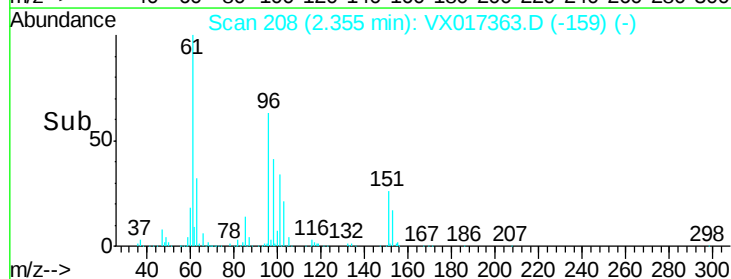
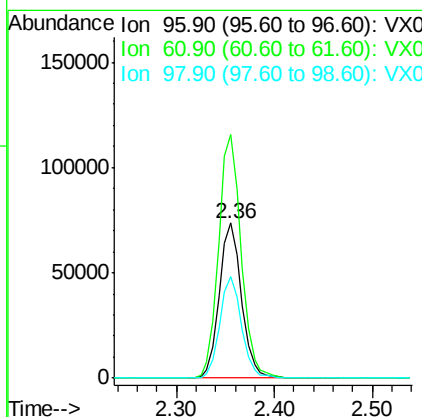
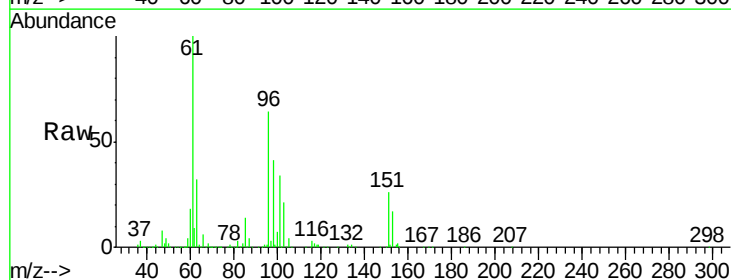
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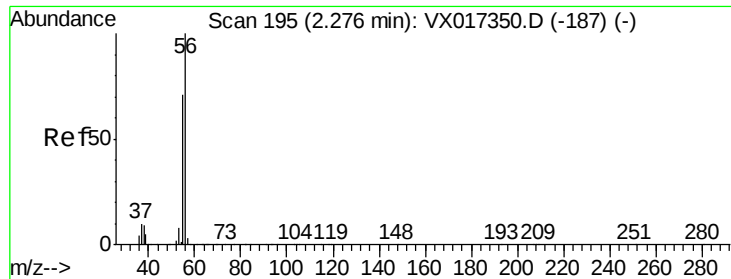
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.496 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 96 Resp: 116423
Ion Ratio Lower Upper
96 100
61 157.3 131.5 197.3
98 65.3 55.1 82.7





#13

Acrolein

Concen: 255.596 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 78159

Ion Ratio Lower Upper

56 100

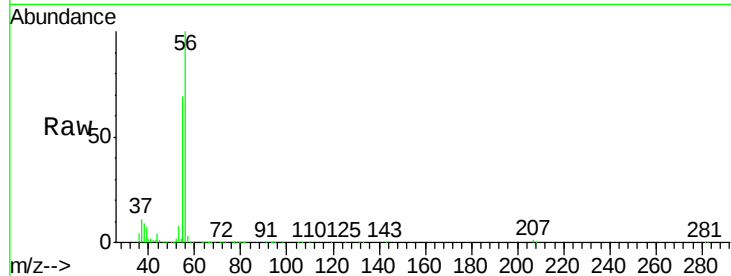
55 72.7 57.1 85.7

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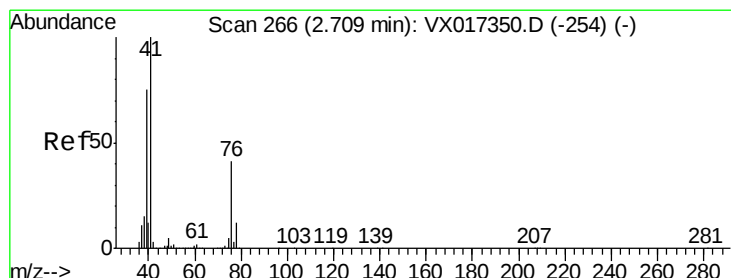
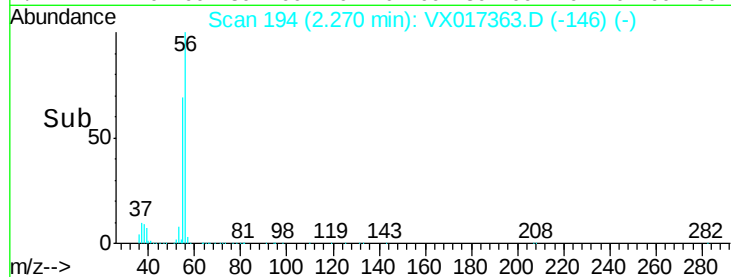
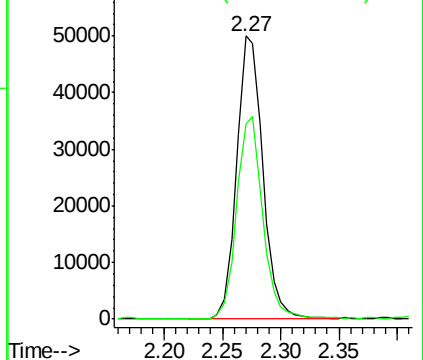
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 55.470 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

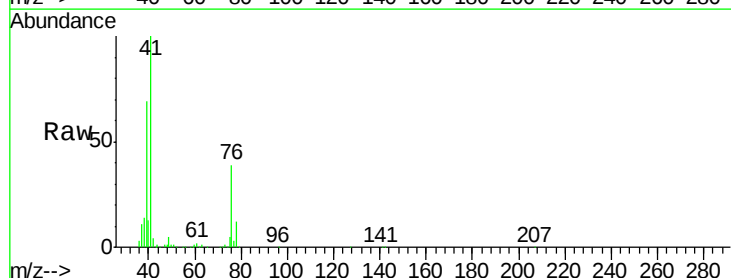
Tgt Ion: 41 Resp: 230740

Ion Ratio Lower Upper

41 100

39 63.5 53.0 79.4

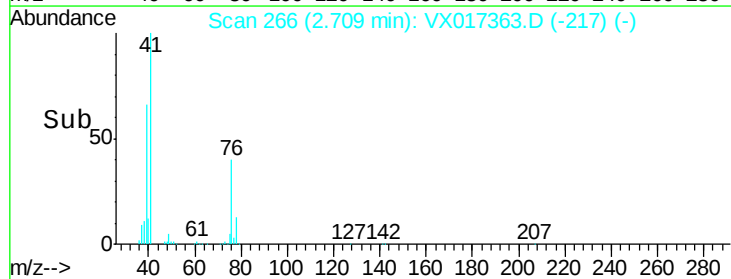
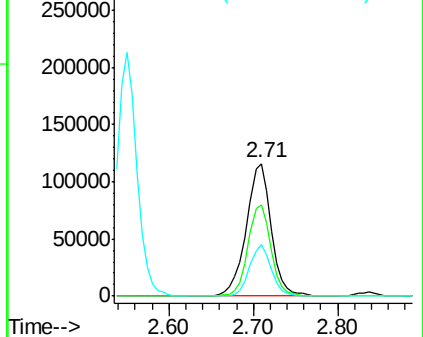
76 33.8 28.2 42.2

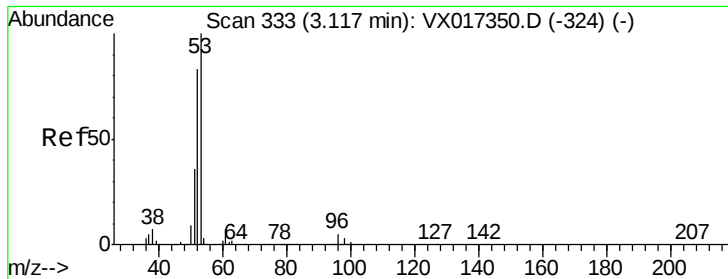


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 305.800 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

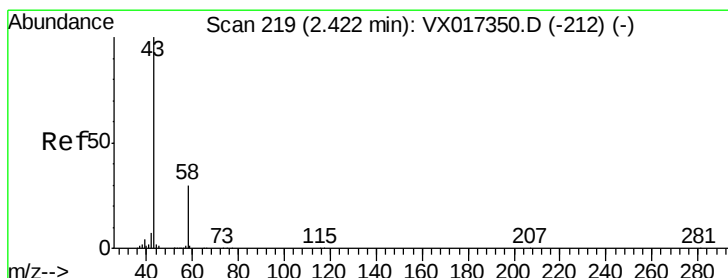
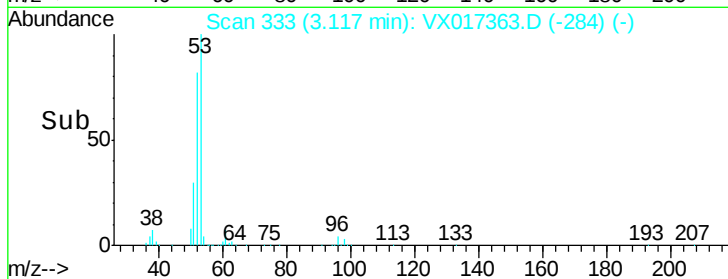
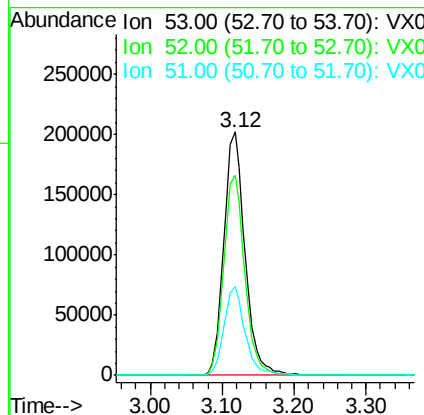
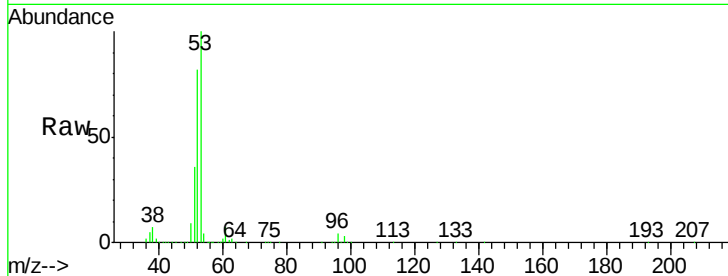
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	413528
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.8	98.6
51	36.4	29.2	43.8

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#16

Acetone

Concen: 288.645 ug/l

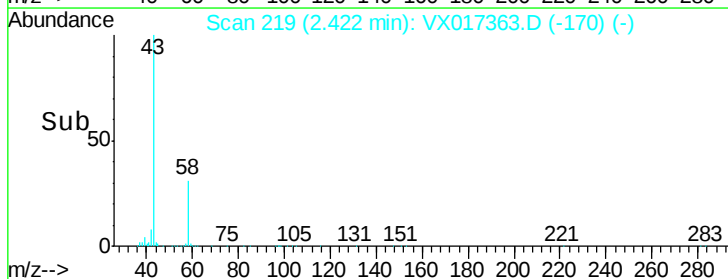
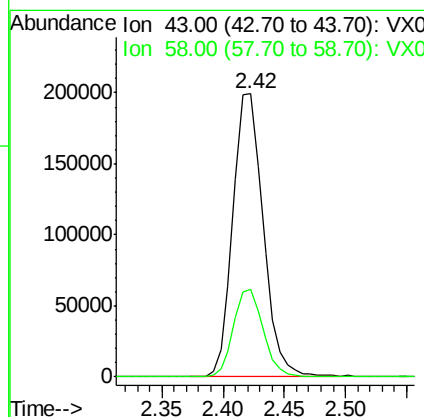
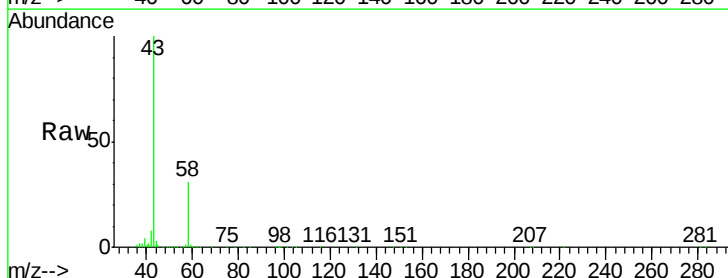
RT: 2.42 min Scan# 219

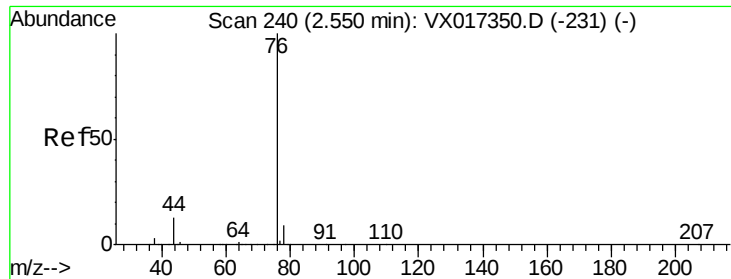
Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion:	43	Resp:	340949
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.2	36.2





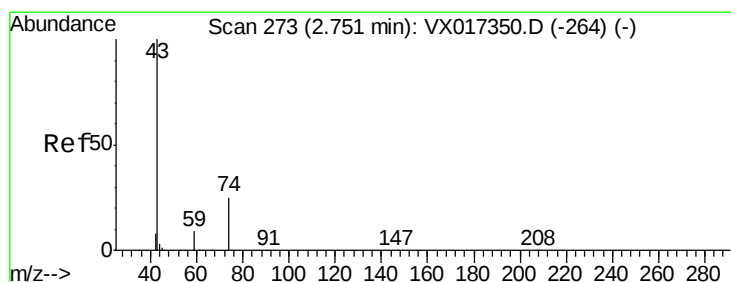
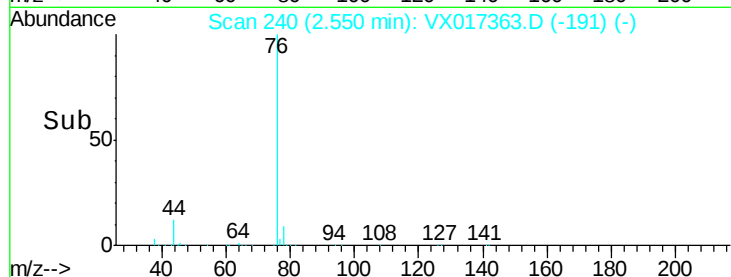
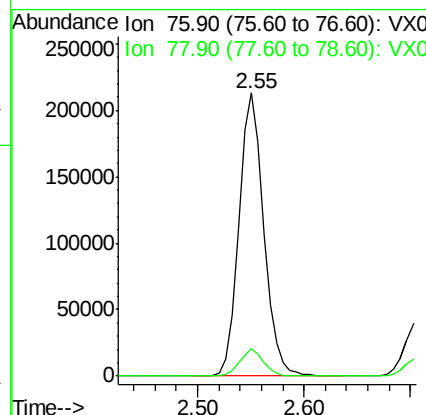
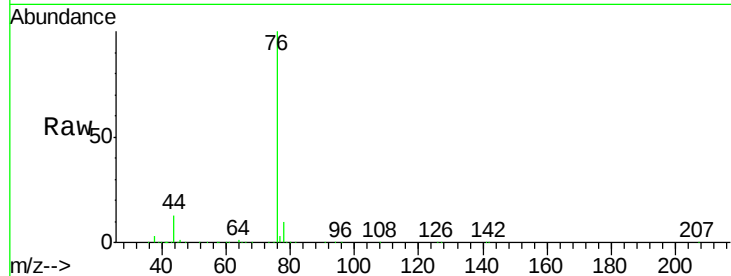
#17
Carbon Disulfide
Concen: 49.862 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

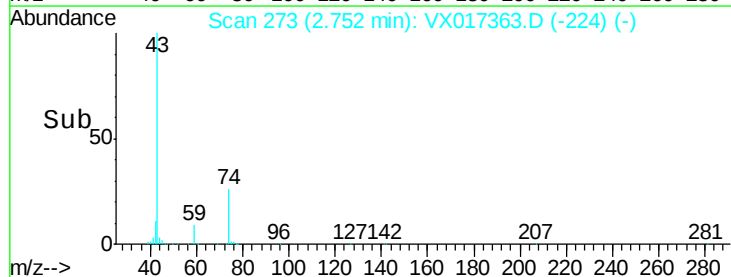
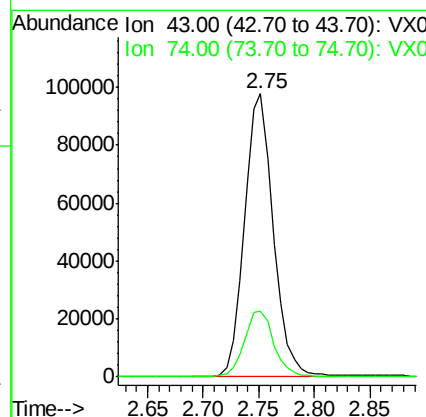
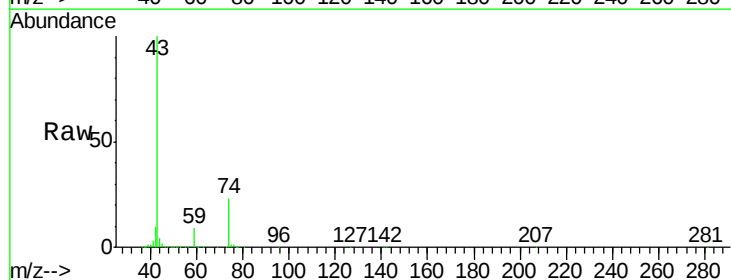
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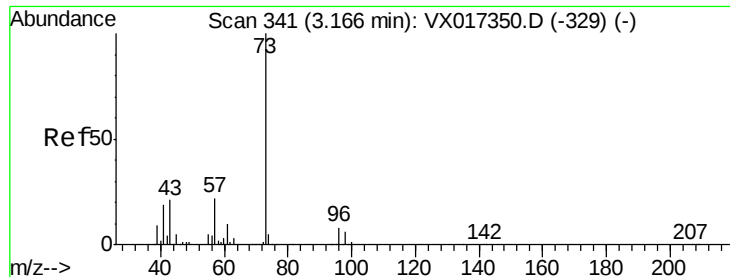
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#18
Methyl Acetate
Concen: 59.808 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.2





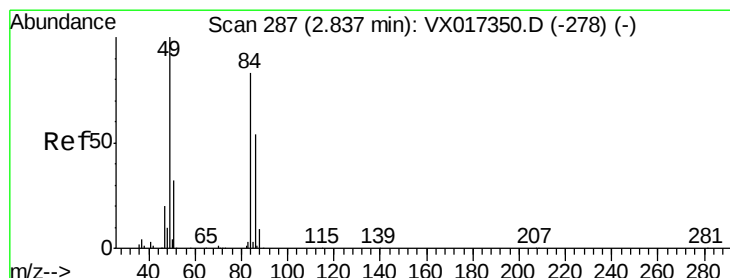
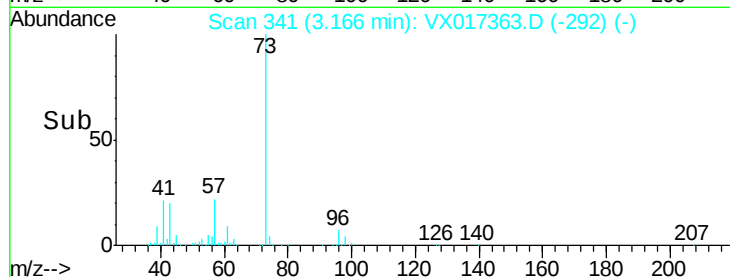
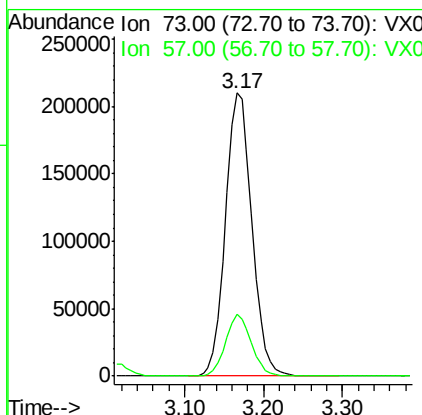
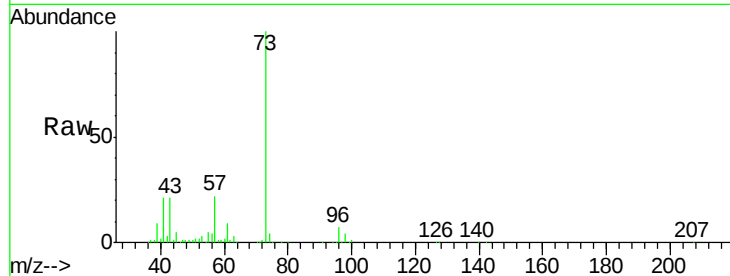
#19
Methvl tert-butvl Ether
Concen: 60.066 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.5	26.3

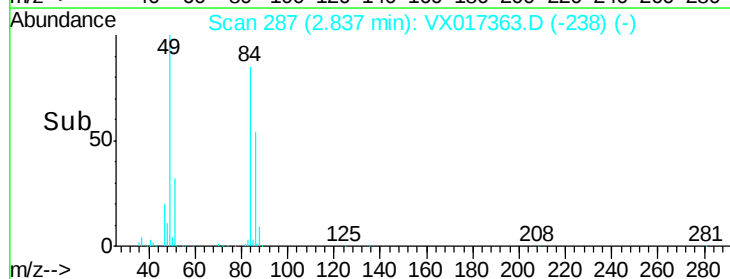
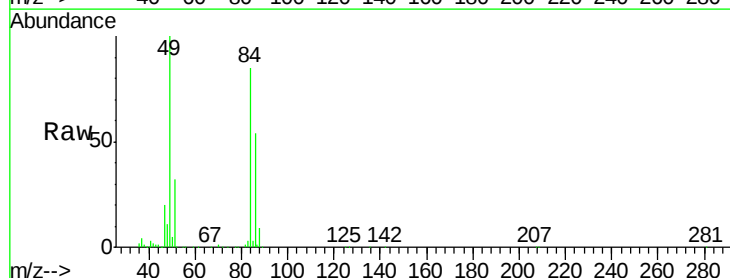
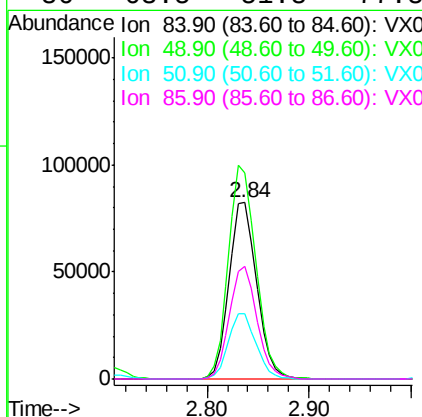
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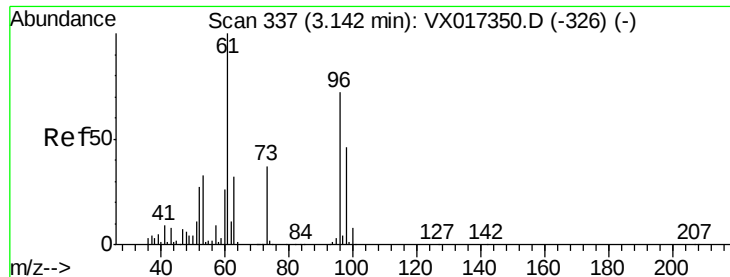
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#20
Methylene Chloride
Concen: 53.742 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.1	95.8	143.8
51	37.2	31.0	46.4
86	63.5	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 52.372 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

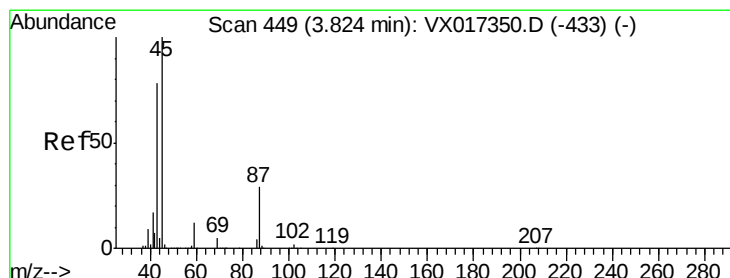
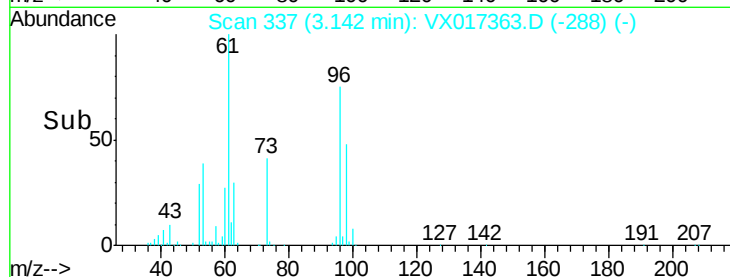
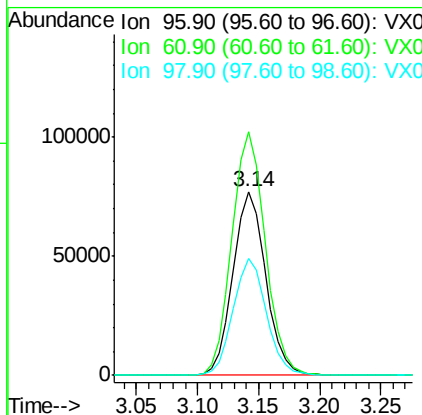
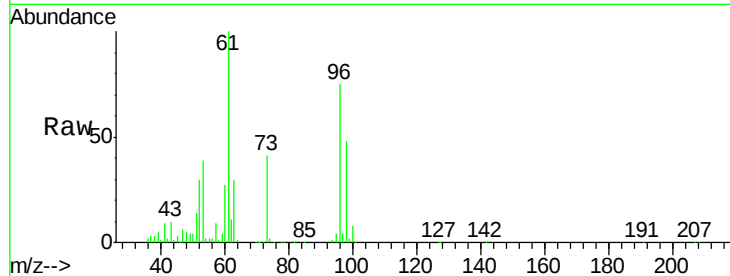
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	143851
Ion	Ratio	Lower	Upper
96	100		
61	132.3	111.1	166.7
98	63.4	51.4	77.0

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#22

Diisopropyl ether

Concen: 59.517 ug/l

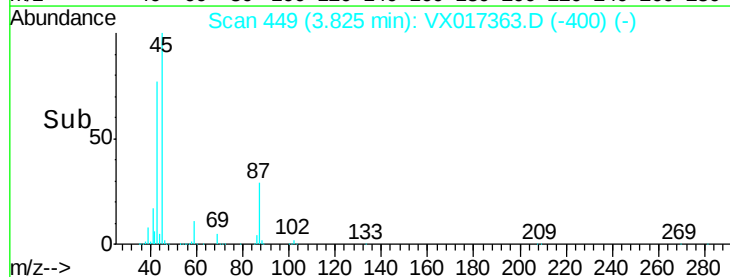
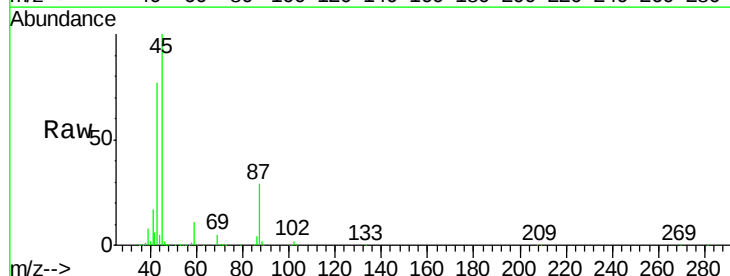
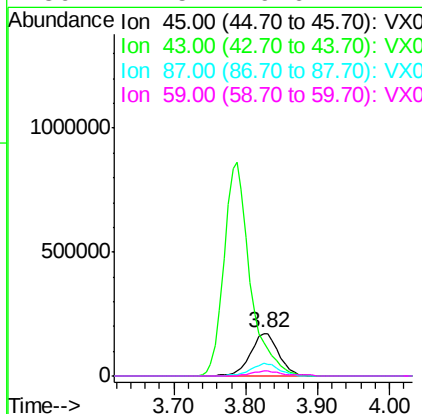
RT: 3.82 min Scan# 449

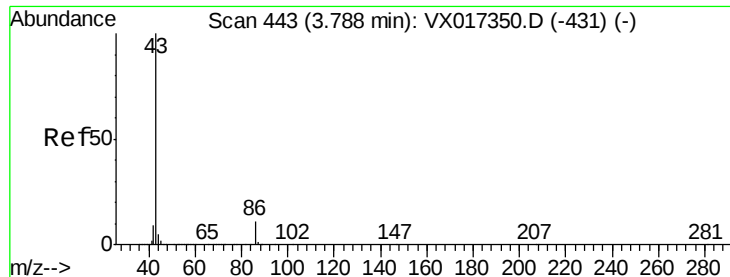
Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion:	45	Resp:	471602
Ion	Ratio	Lower	Upper
45	100		
43	76.8	62.2	93.2
87	29.0	23.0	34.6
59	11.5	9.6	14.4





#23

Vinyl Acetate

Concen: 312.110 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2175008

Ion Ratio Lower Upper

43 100

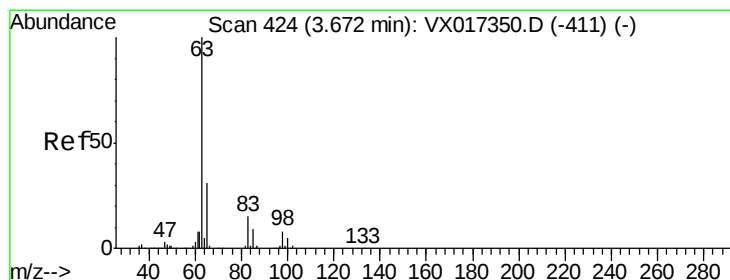
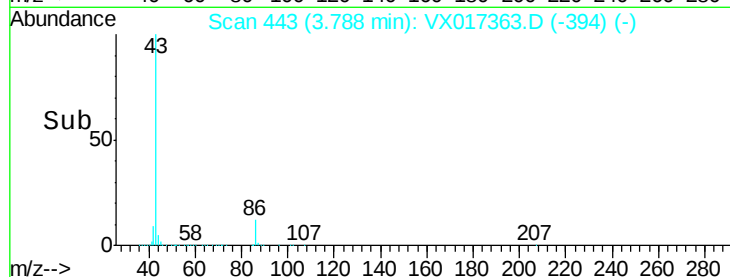
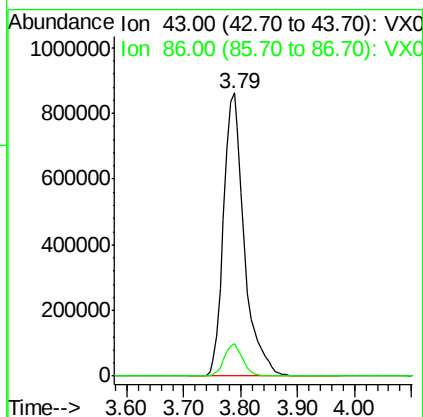
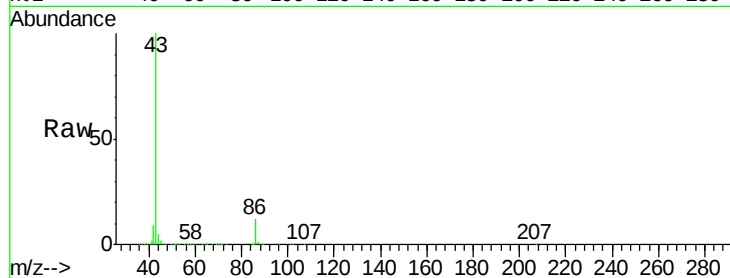
86 11.6 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 55.948 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

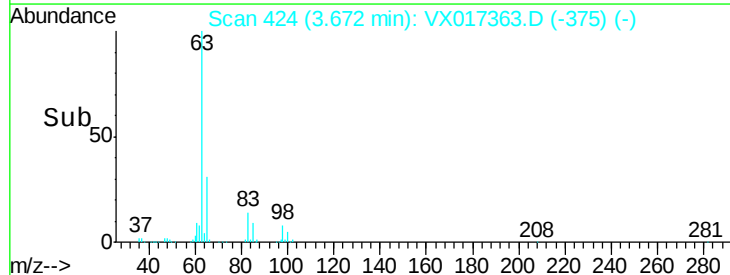
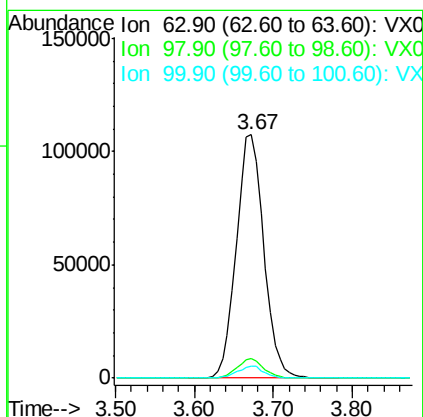
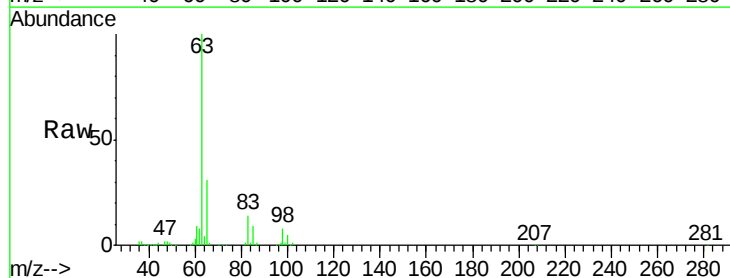
Tgt Ion: 63 Resp: 260538

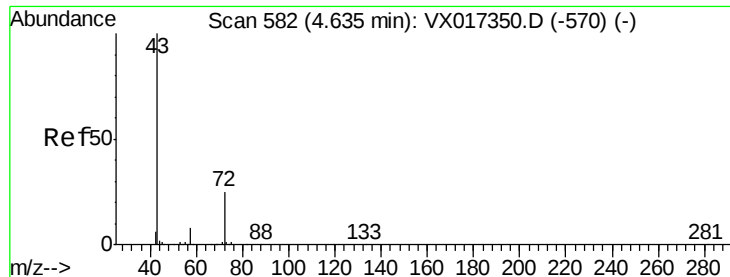
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.5

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 308.186 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 578188

Ion Ratio Lower Upper

43 100

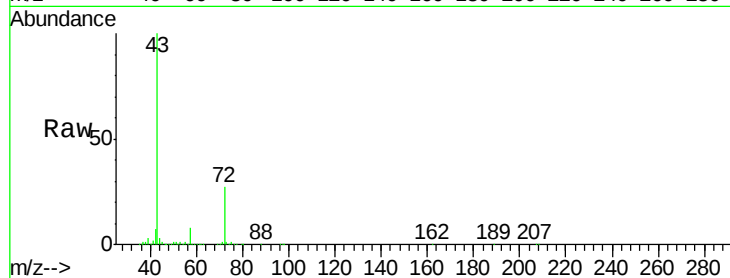
72 26.4 20.4 30.6

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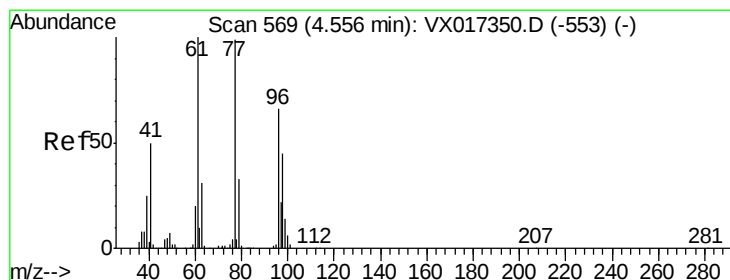
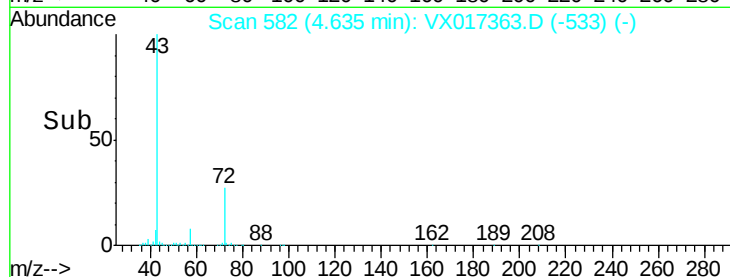
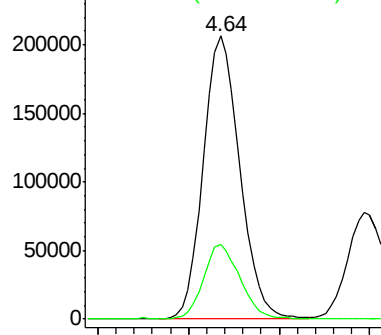
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.158 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017363.D

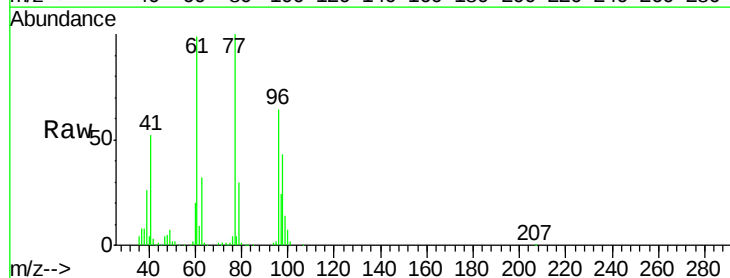
Acq: 13 Jul 2020 19:07

Tgt Ion: 77 Resp: 204378

Ion Ratio Lower Upper

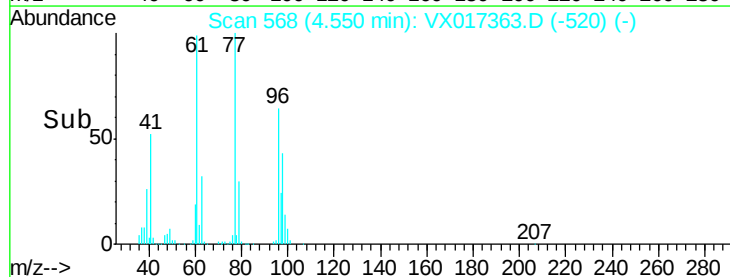
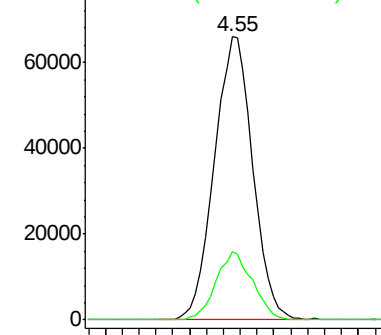
77 100

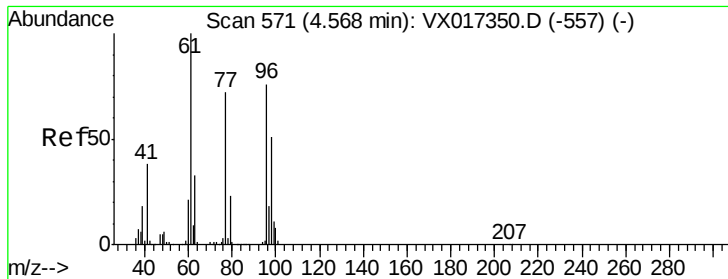
97 22.9 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

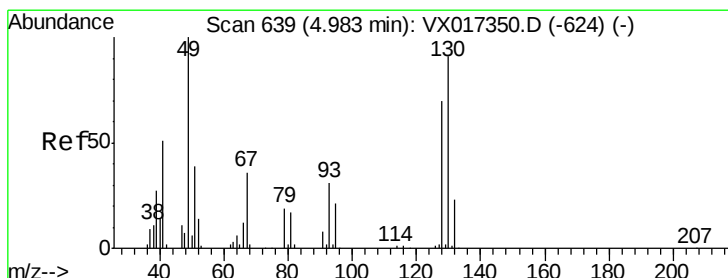
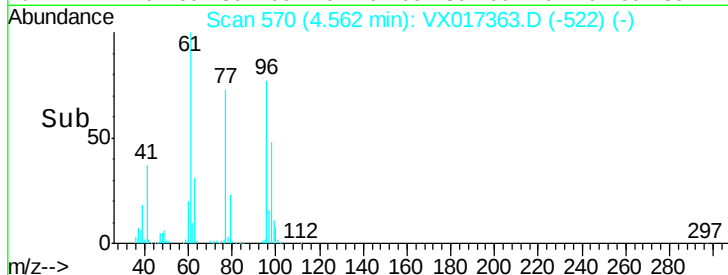
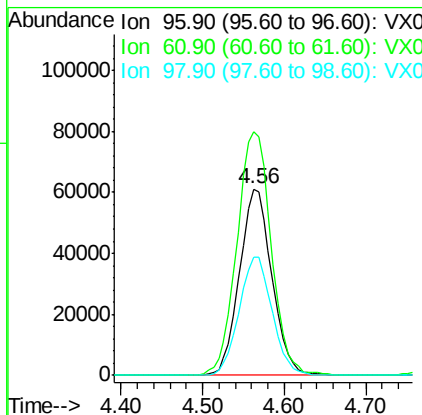
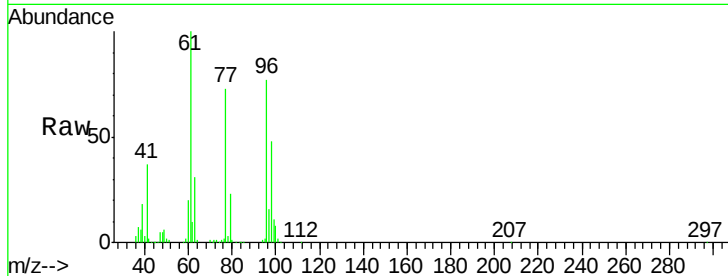
cis-1,2-Dichloroethene
Concen: 55.811 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168106		
61	138.7	0.0	281.2	
98	64.8	0.0	131.4	

Manual Integrations
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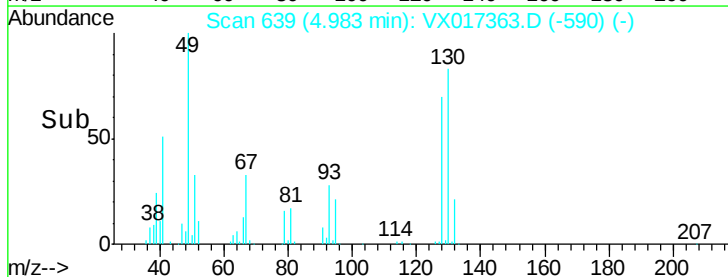
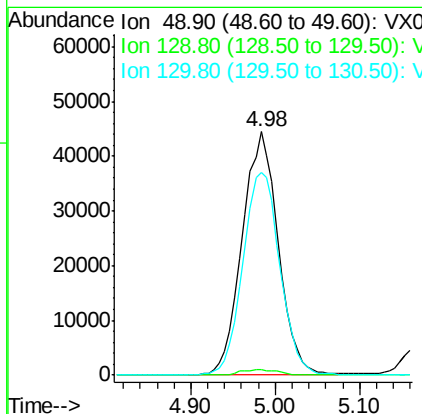
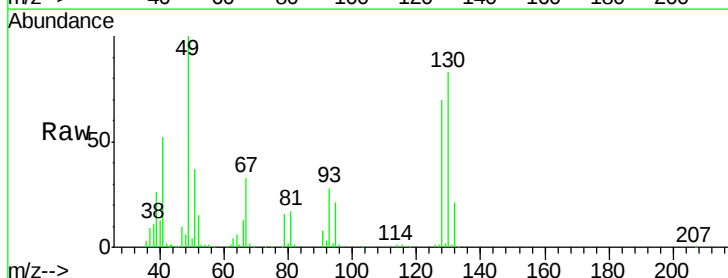
MMDadoda
7/14/2020 11:36:16 AM

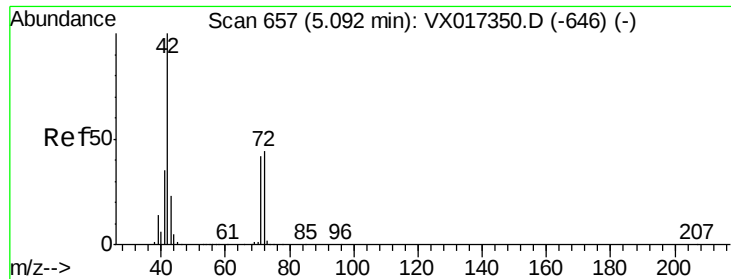


#28

Bromochloromethane
Concen: 60.072 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129230		
129	2.3	0.0	4.8	
130	85.5	71.1	106.7	





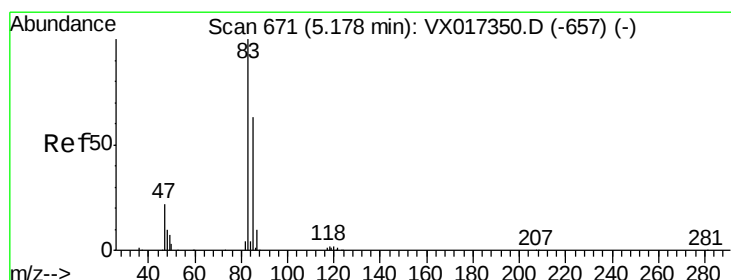
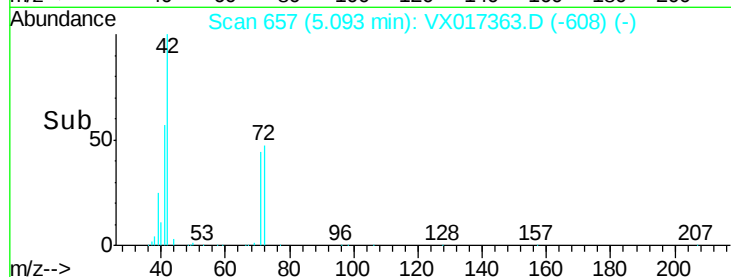
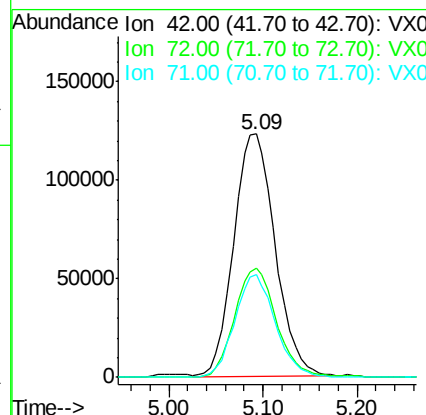
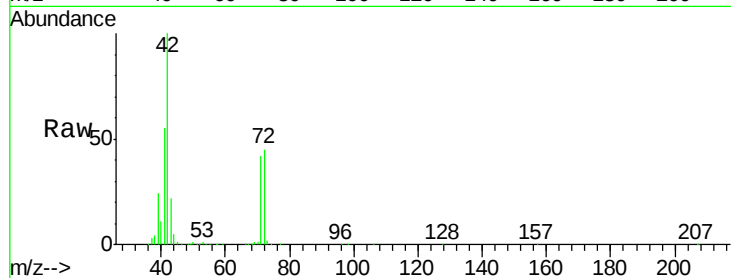
#29
Tetrahydrofuran
Concen: 309.783 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.2	55.8
71	41.8	34.4	51.6

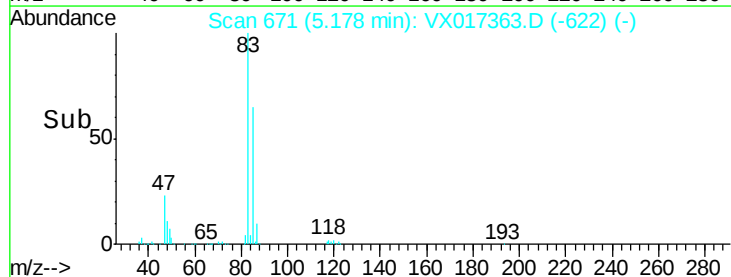
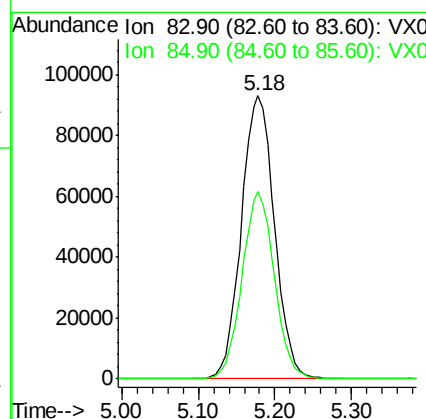
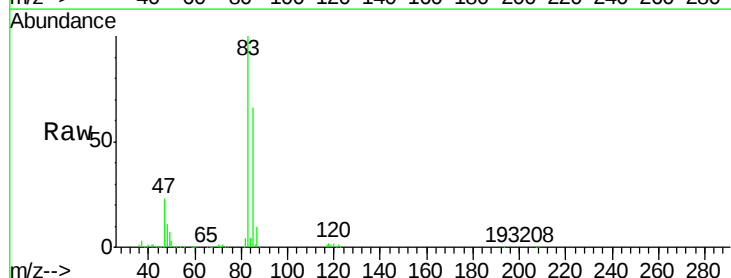
Manual Integrations
APPROVED

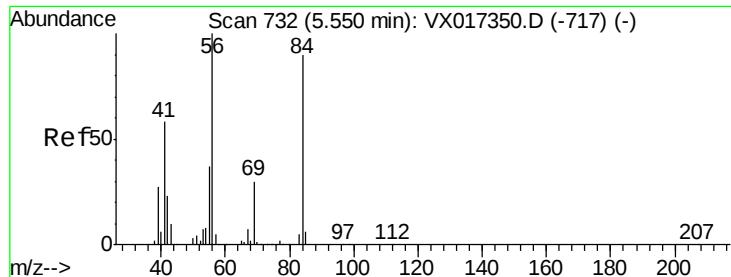
MMDadoda
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#30
Chloroform
Concen: 55.721 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.2	75.4





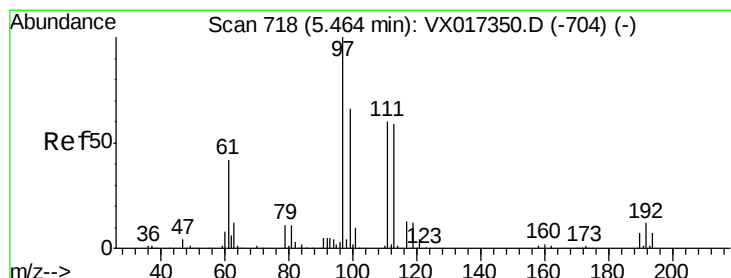
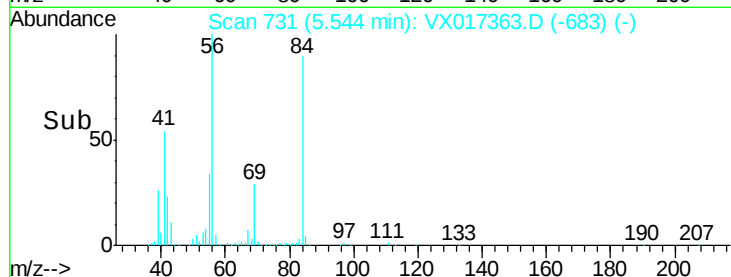
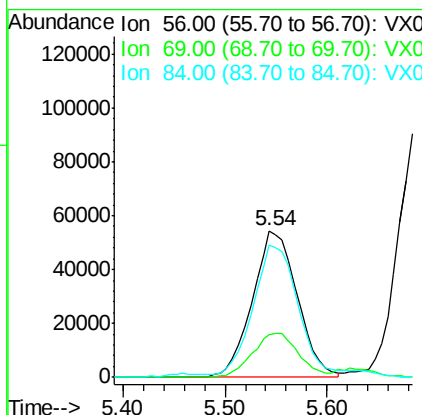
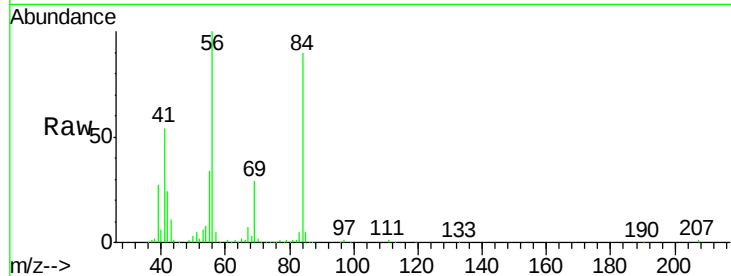
#31
Cvclohexane
Concen: 43.462 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.7	35.5
84	87.9	71.8	107.6

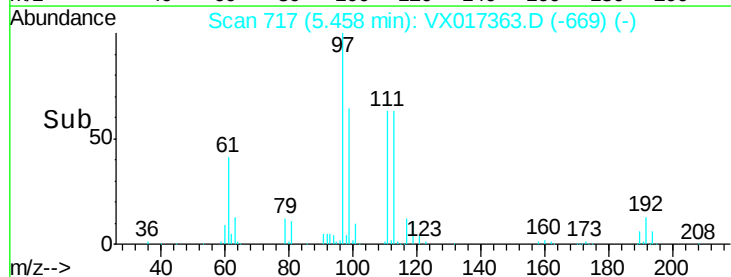
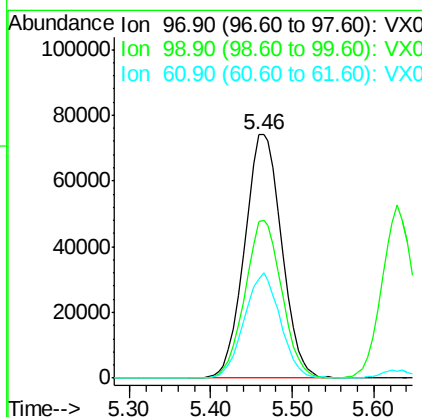
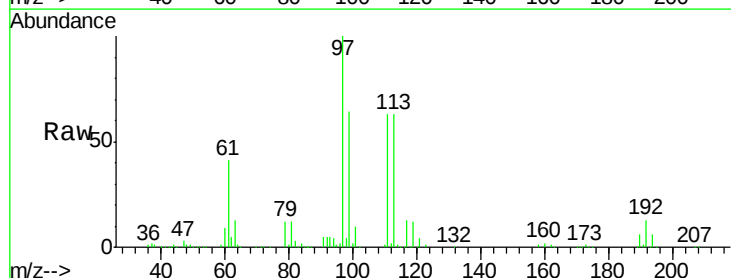
Manual Integrations
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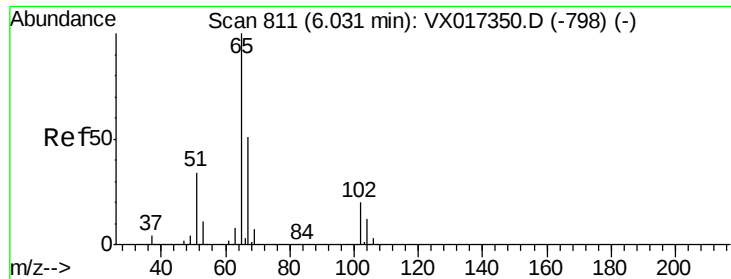
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#32
1,1,1-Trichloroethane
Concen: 50.584 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.2	76.8
61	42.0	32.7	49.1





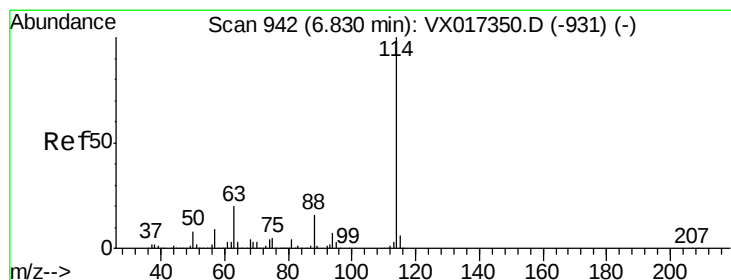
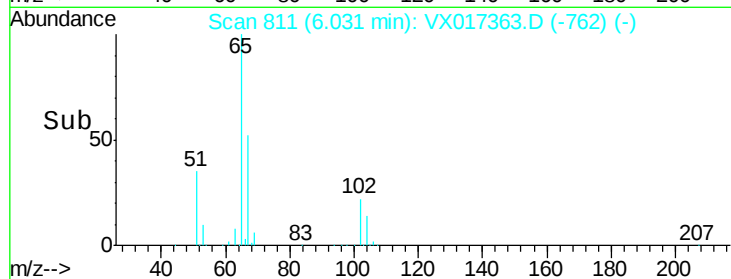
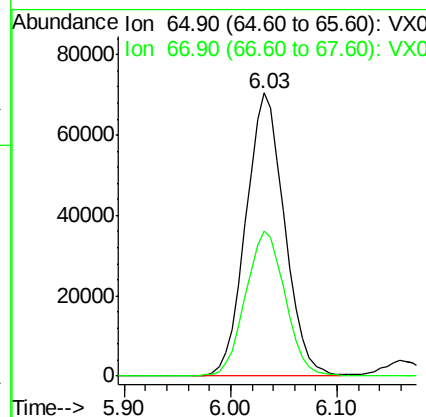
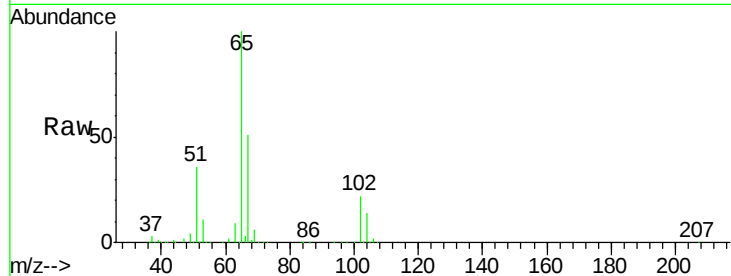
#33
 1,2-Dichloroethane-d4
 Concen: 54.387 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	101.6

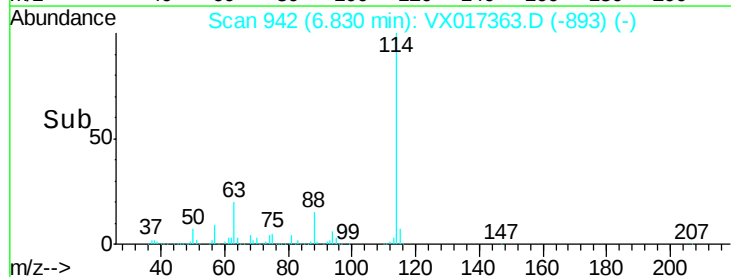
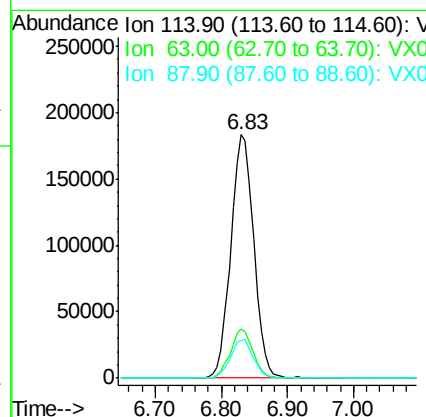
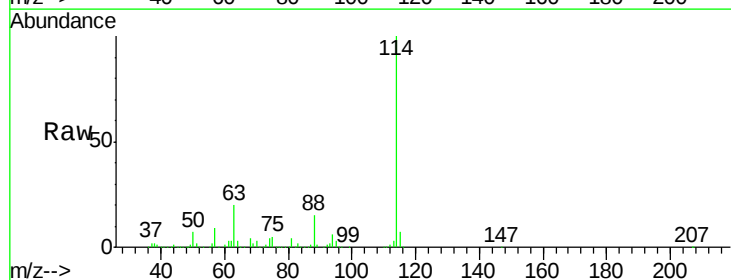
Manual Integrations
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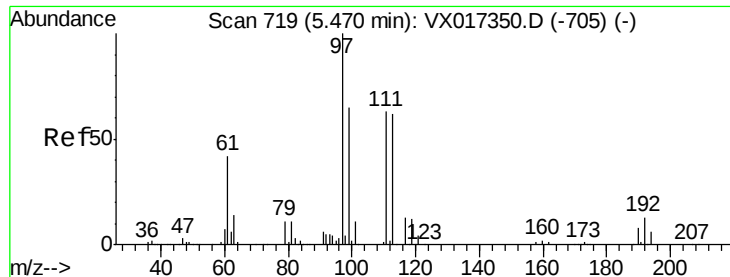
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 7/14/2020 11:36:16 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.4	0.0	32.8





#35

Dibromofluoromethane

Concen: 49.306 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

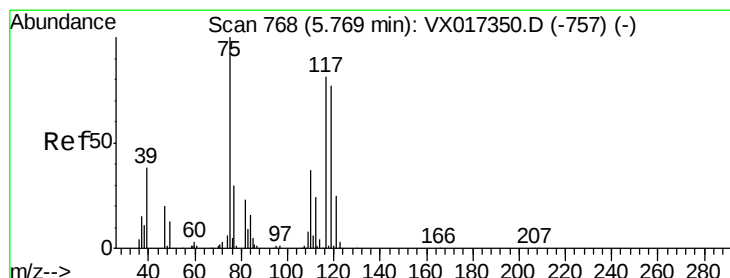
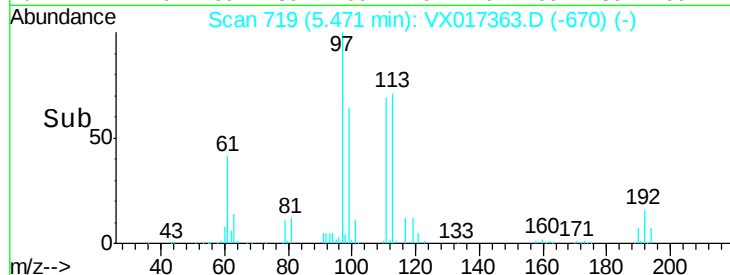
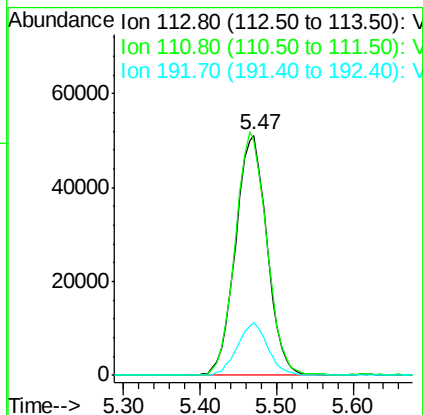
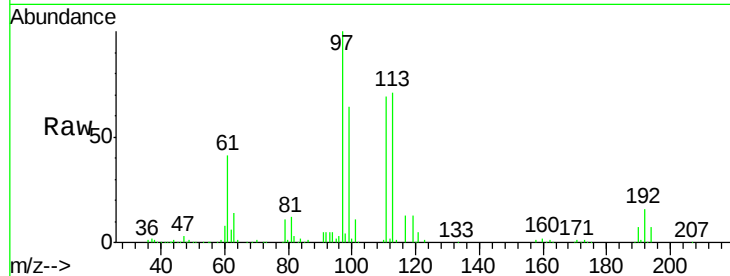
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	146097
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.4	123.6
192	21.1	17.2	25.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.295 ug/l

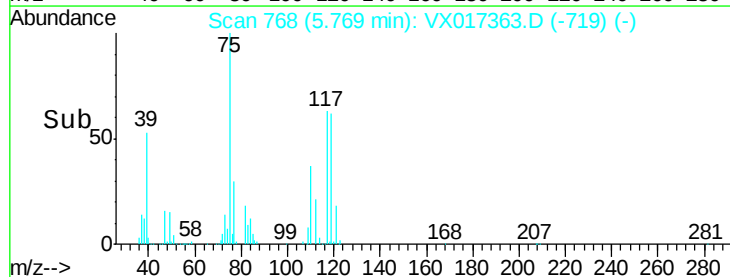
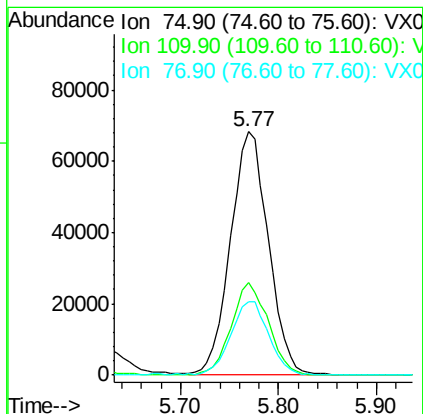
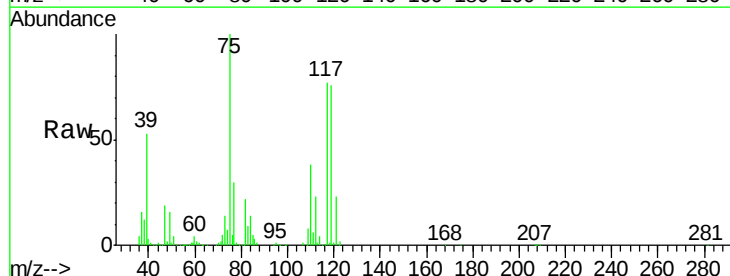
RT: 5.77 min Scan# 768

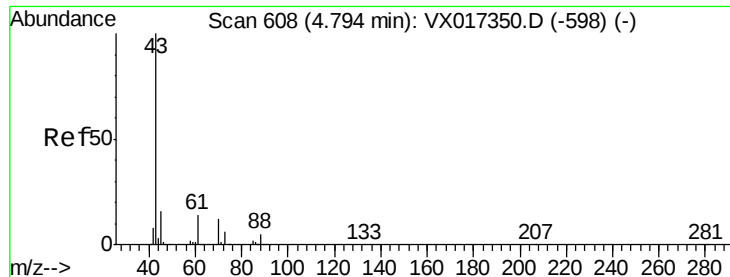
Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion:	75	Resp:	183265
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.6	55.8
77	30.2	24.9	37.3





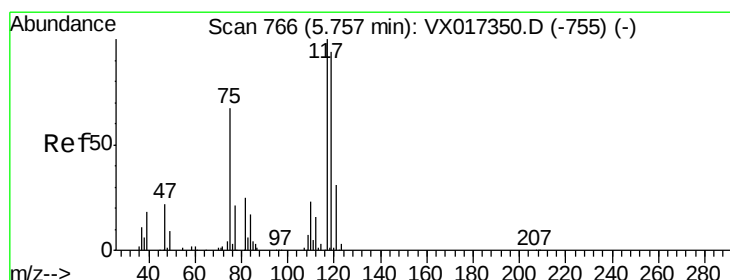
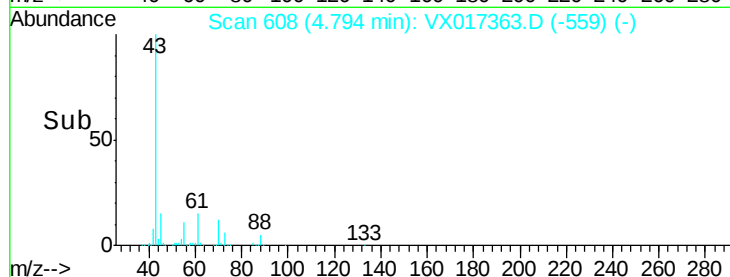
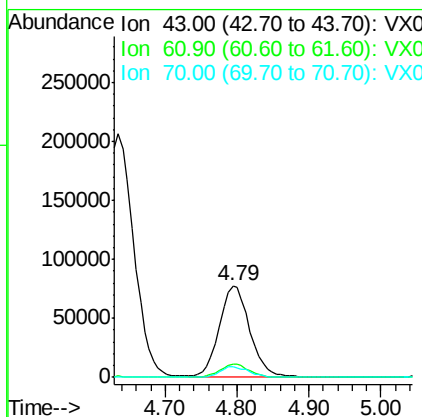
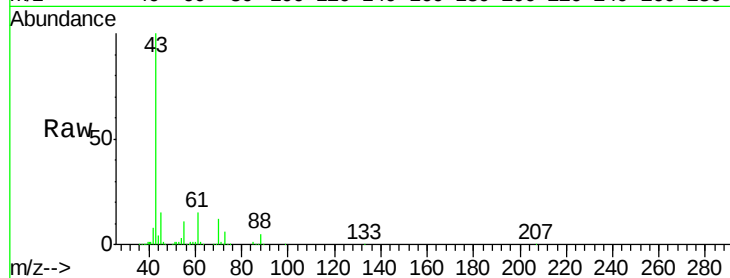
#37
Ethyl Acetate
Concen: 54.318 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	11.2	9.0	13.6

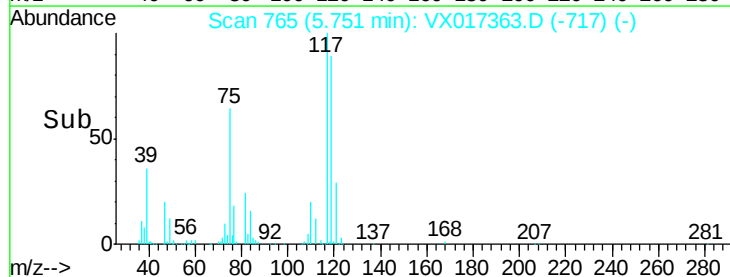
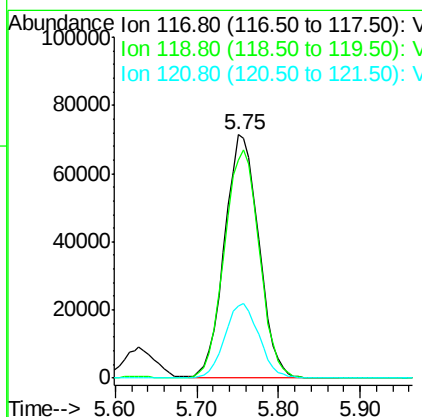
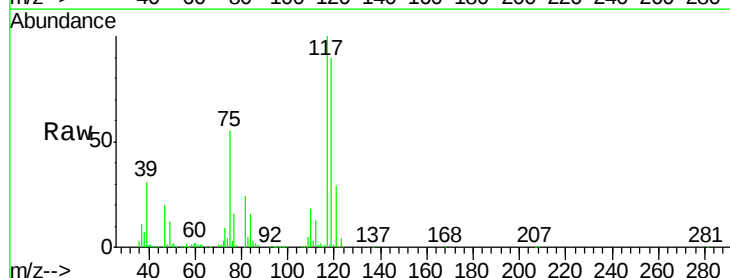
Manual Integrations
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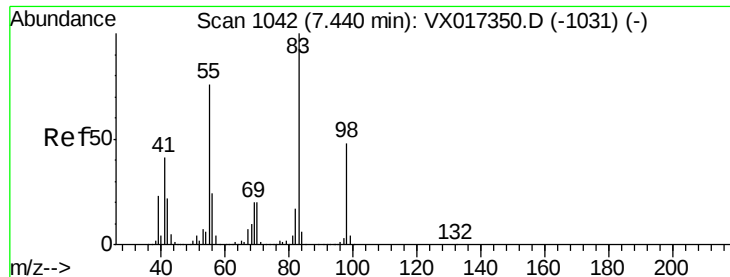
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#38
Carbon Tetrachloride
Concen: 43.817 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.7	74.7	112.1
121	29.4	24.5	36.7





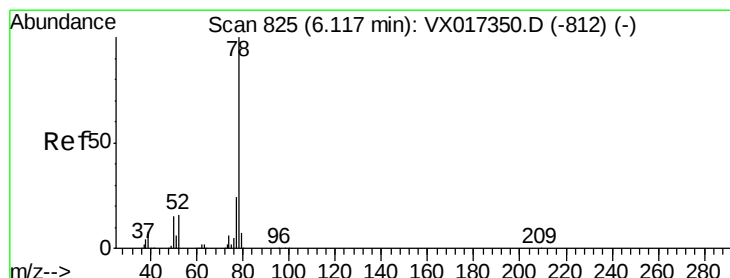
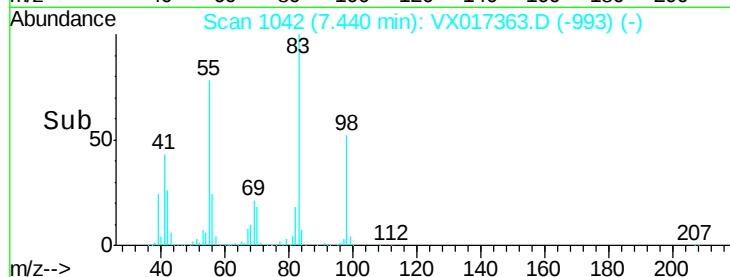
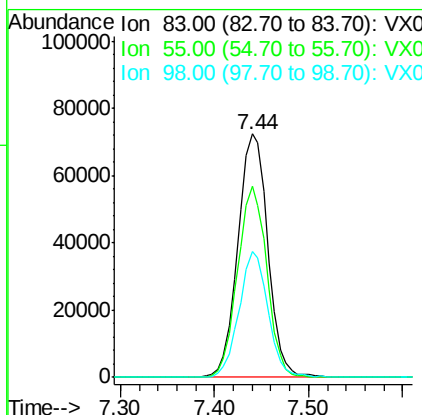
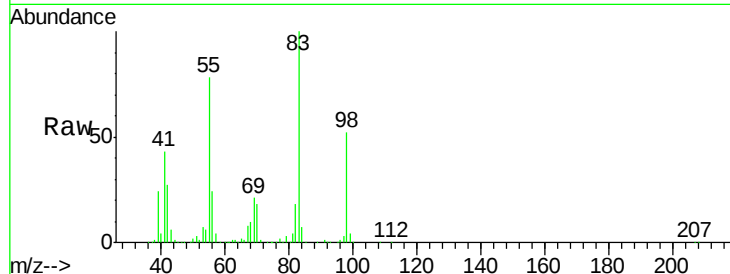
#39
Methylvlcvclohexane
Concen: 36.590 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	61.2	91.8
98	51.7	38.1	57.1

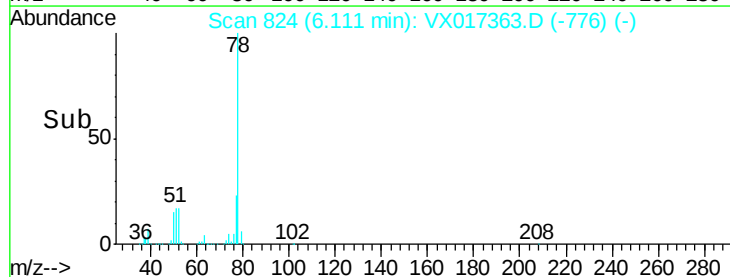
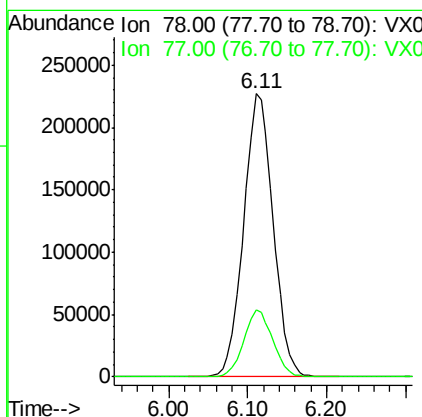
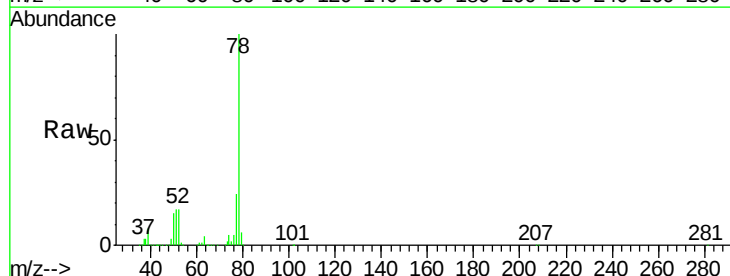
Manual Integrations
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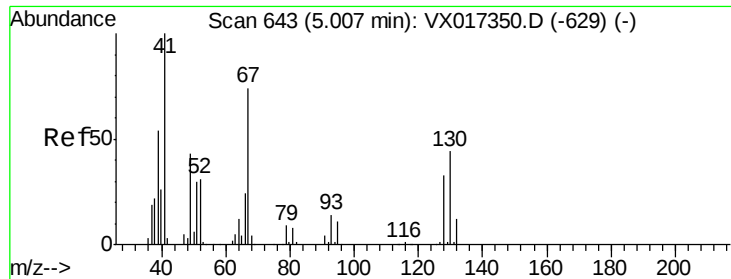
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#40
Benzene
Concen: 50.676 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





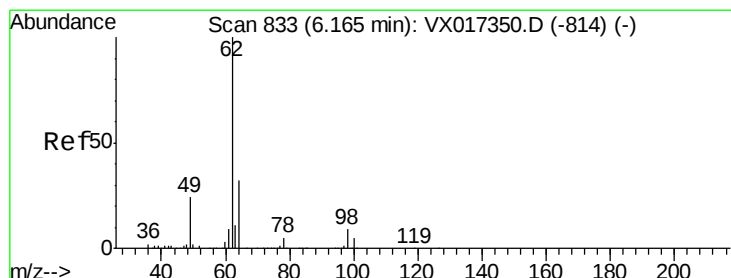
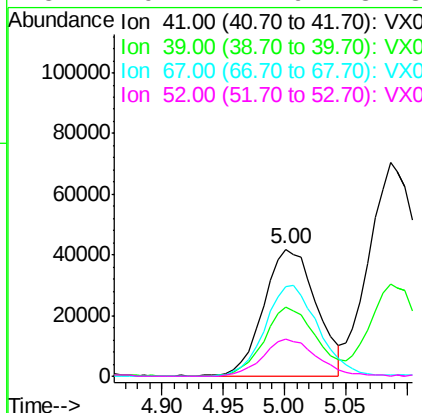
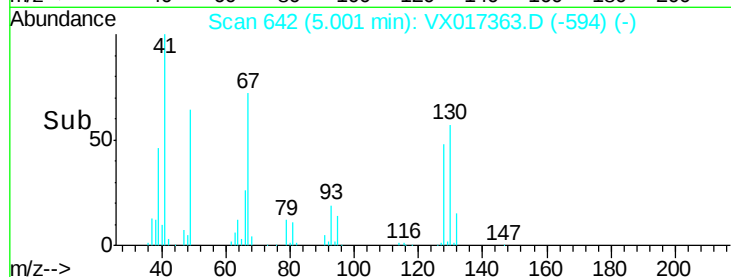
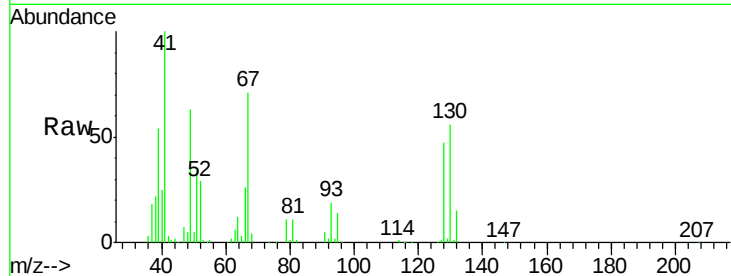
#41
Methacrylonitrile
Concen: 56.016 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	43.8	65.8	
67	72.3	58.7	88.1	
52	29.7	24.9	37.3	

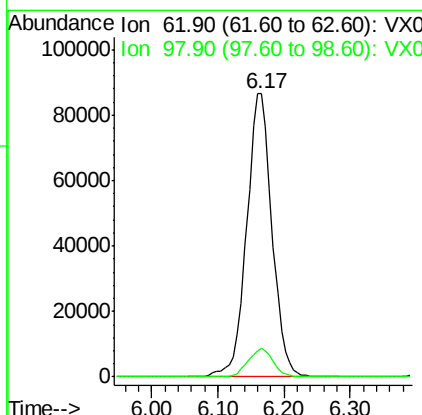
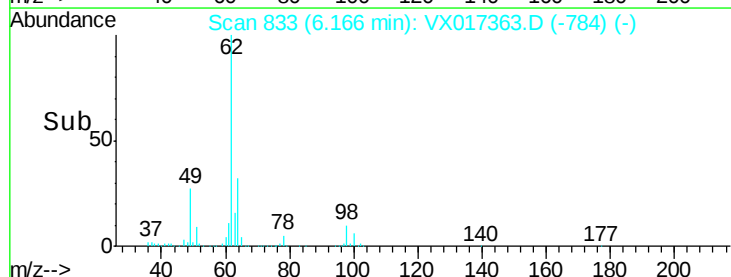
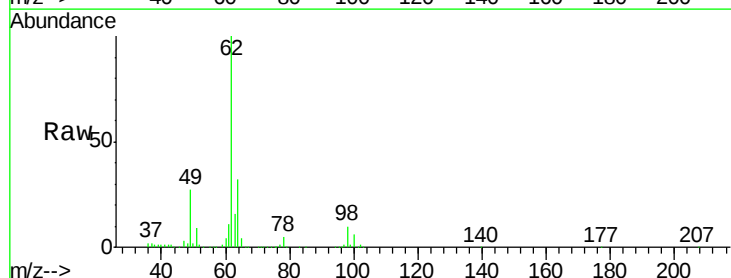
Manual Integrations
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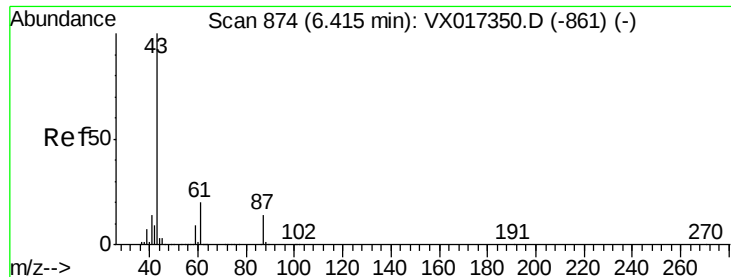
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.964 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.4	





#43

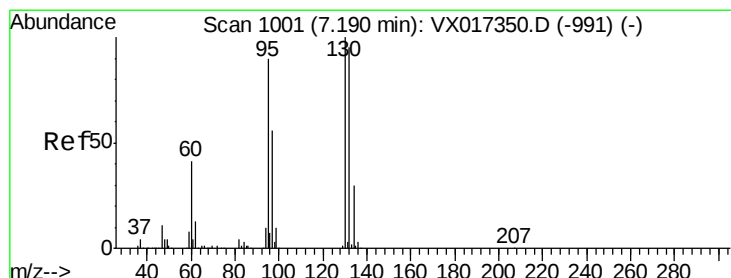
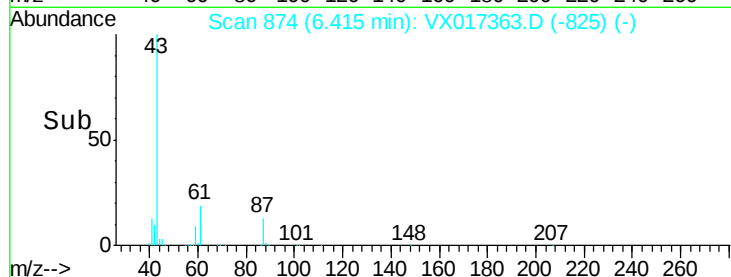
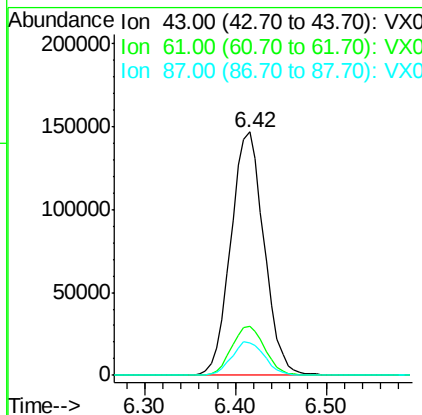
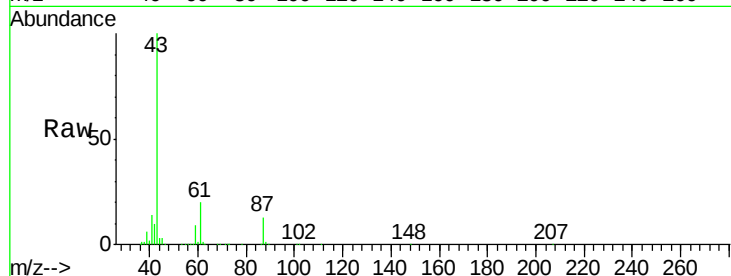
Isopropyl Acetate
 Concen: 55.548 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	371396
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.4	24.6
87	13.7	11.2	16.8

Manual Integrations
 APPROVED

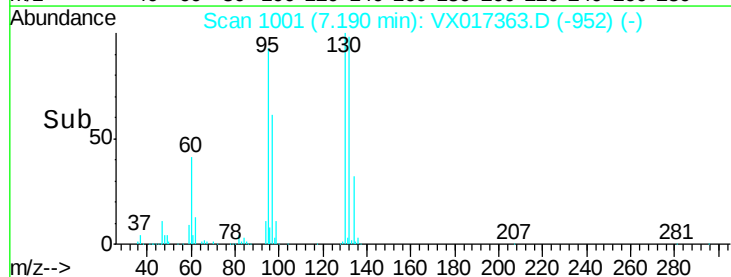
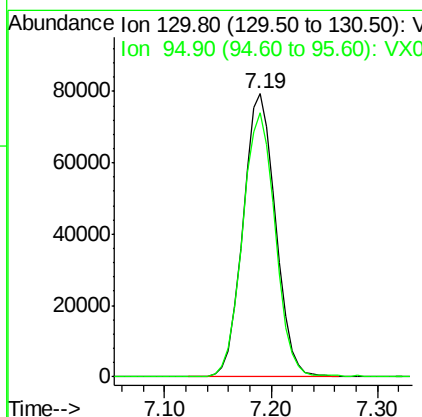
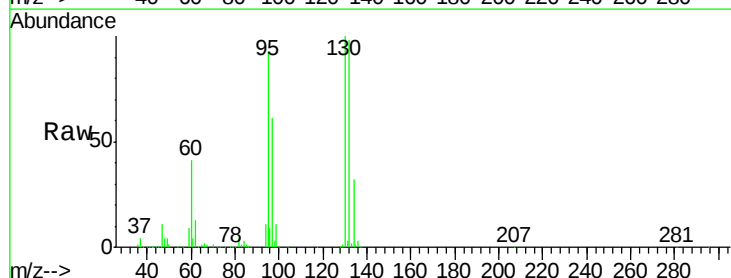
MMDadoda
 7/14/2020 11:36:16 AM

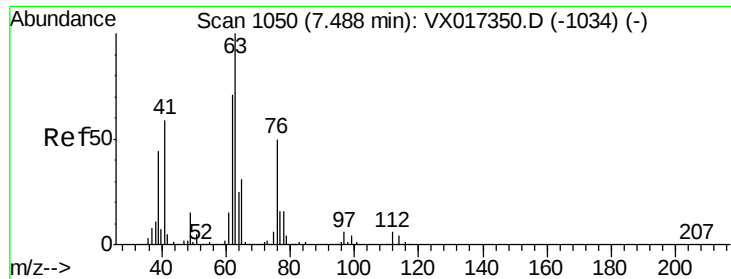


#44

Trichloroethene
 Concen: 47.840 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion	130	Resp	169913
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	180.2





#45

1,2-Dichloropropane

Concen: 53.093 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 157966

Ion Ratio Lower Upper

63 100

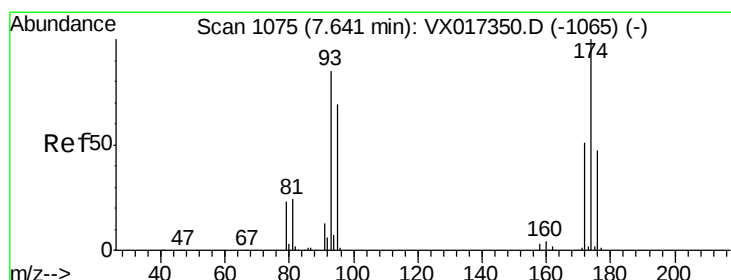
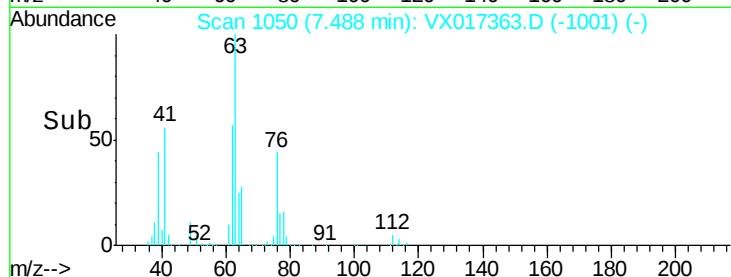
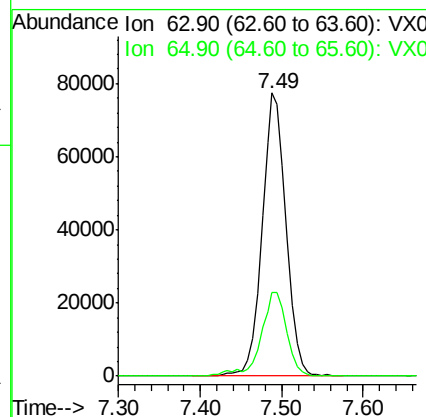
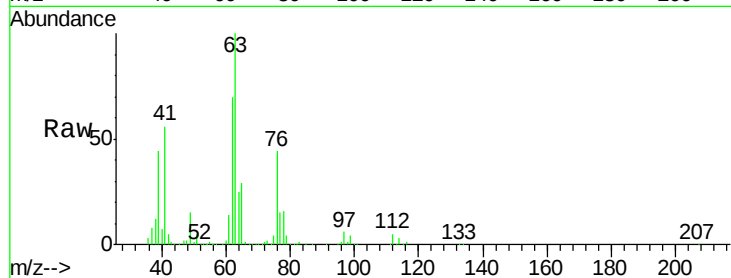
65 29.4 24.5 36.7

Manual Integrations

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MMDadoda

7/14/2020 11:36:16 AM



#46

Dibromomethane

Concen: 52.873 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

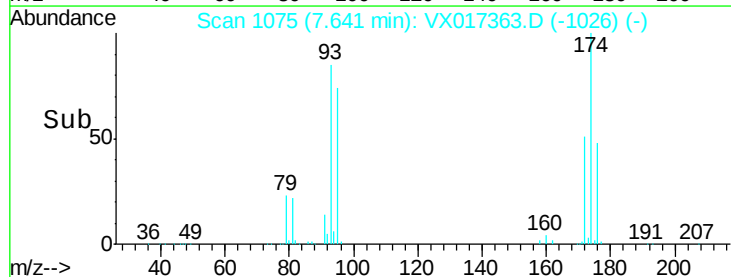
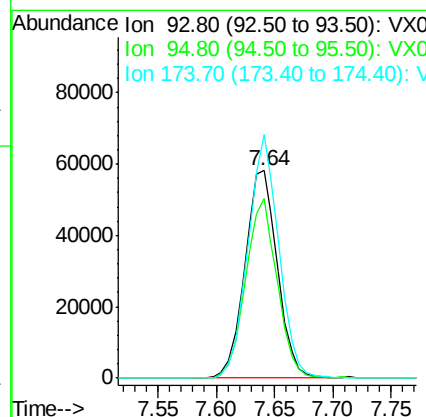
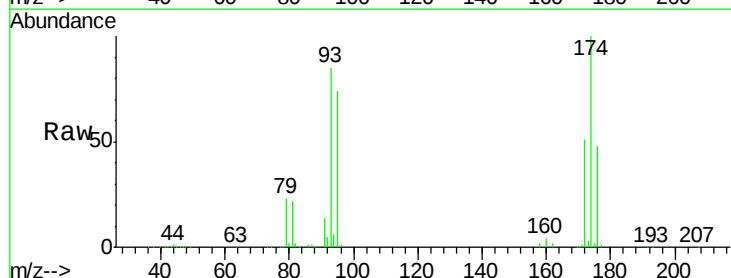
Tgt Ion: 93 Resp: 113454

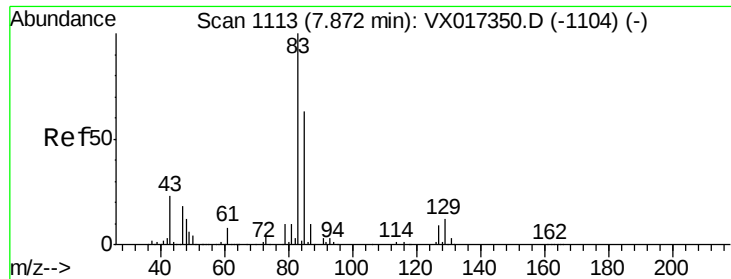
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.2

174 111.0 91.2 136.8





#47

Bromodichloromethane

Concen: 52.645 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

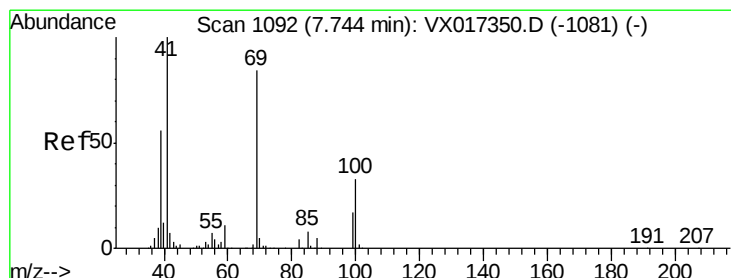
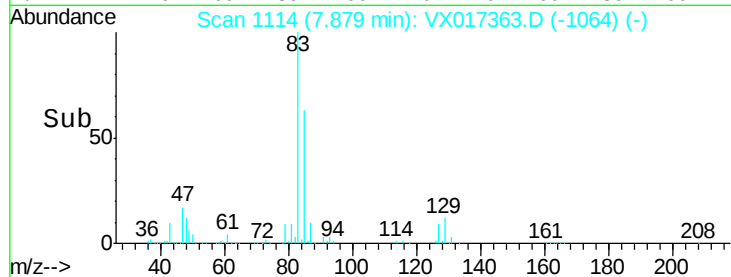
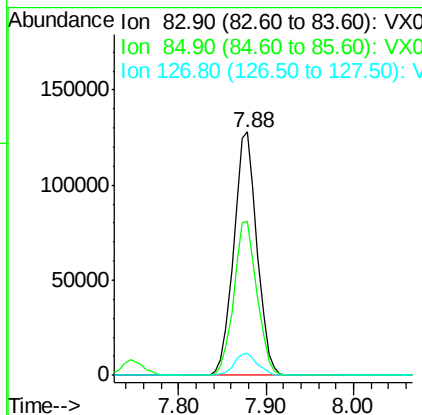
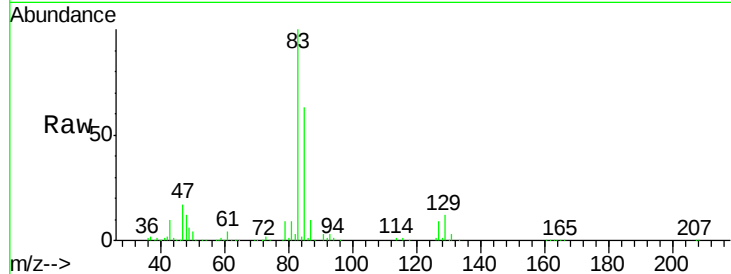
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	236173
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.2	75.4
127	9.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.477 ug/l

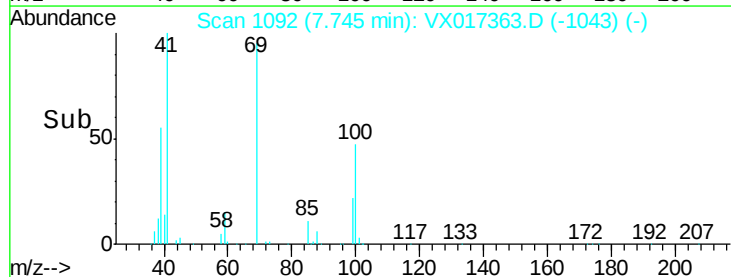
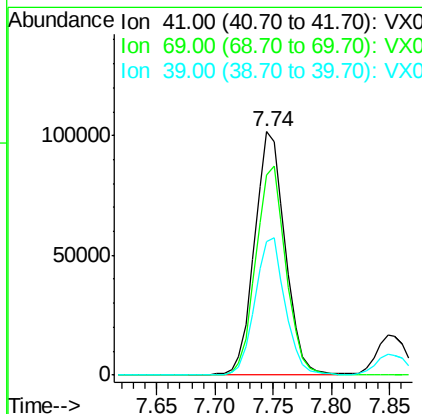
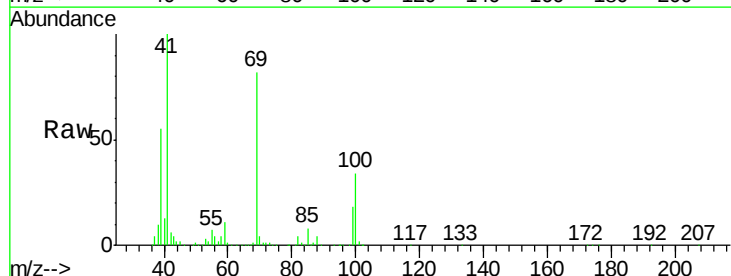
RT: 7.74 min Scan# 1092

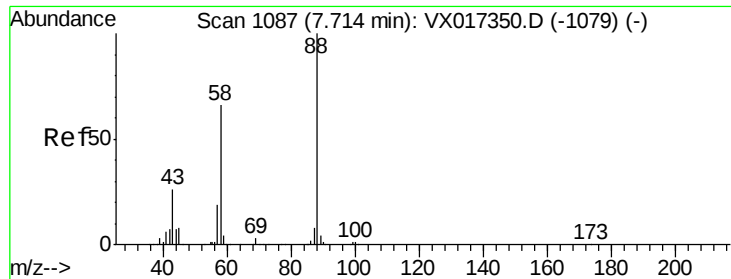
Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion:	41	Resp:	184412
Ion Ratio	Lower	Upper	
41	100		
69	85.1	67.8	101.6
39	56.1	45.1	67.7





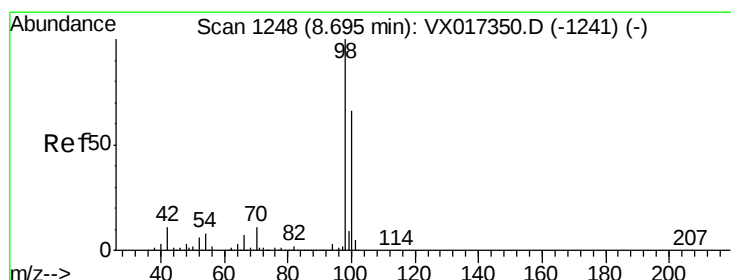
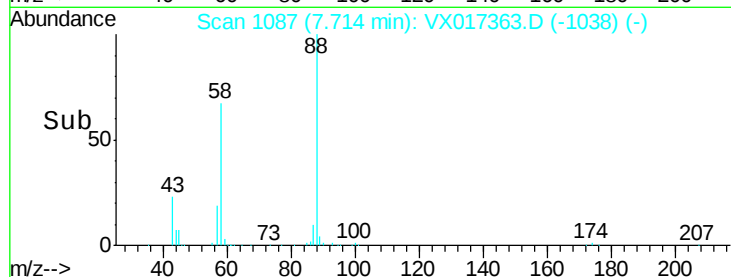
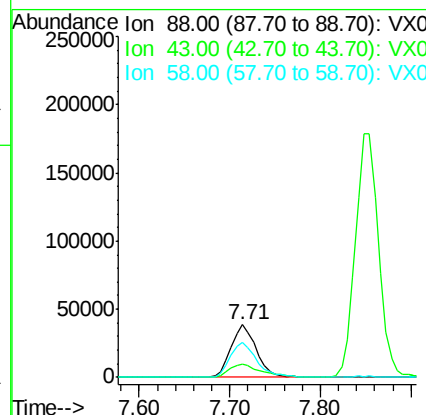
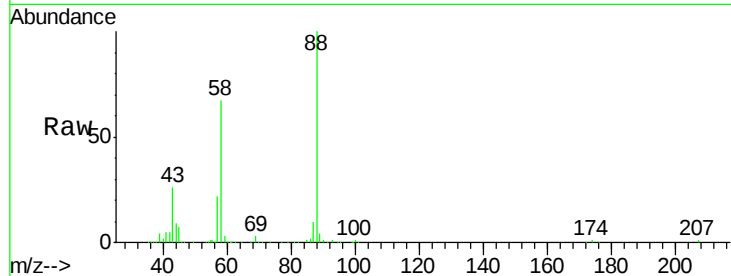
#49
1,4-Dioxane
Concen: 1148.896 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.6	38.4
58	69.3	53.9	80.9

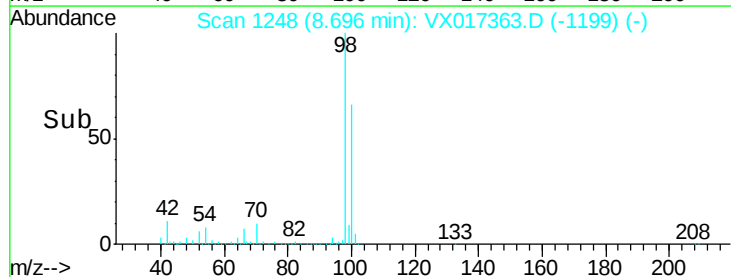
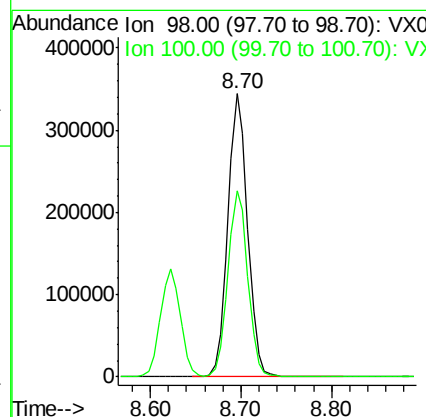
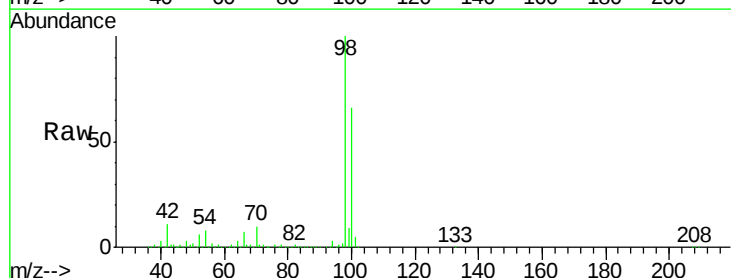
Manual Integrations
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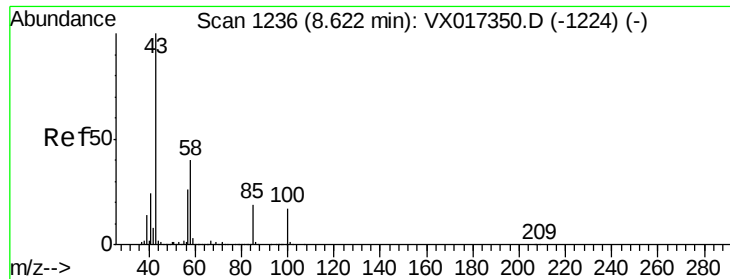
MMDadoda
7/14/2020 11:36:16 AM



#50
Toluene-d8
Concen: 48.593 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2





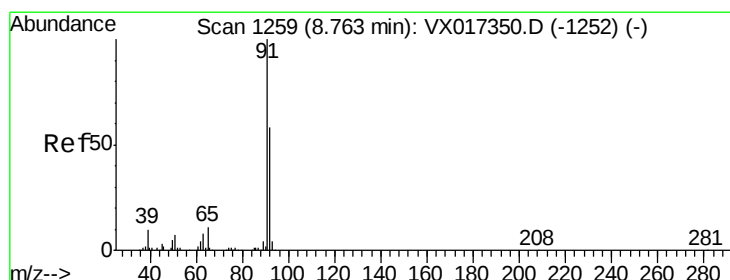
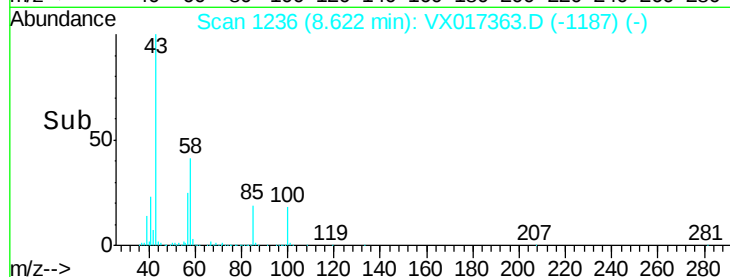
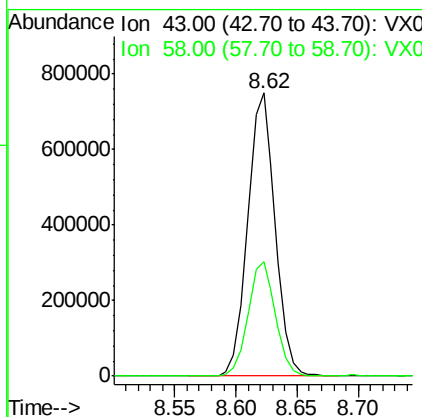
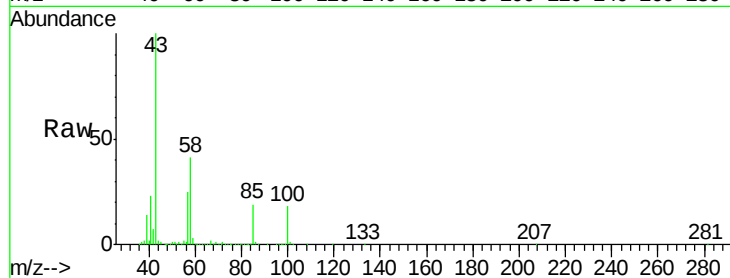
#51
4-Methyl-2-Pentanone
Concen: 286.437 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1167748
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2

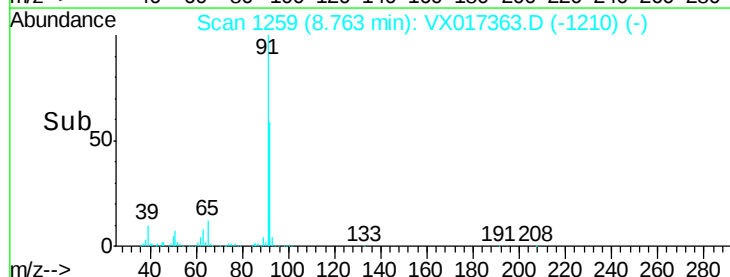
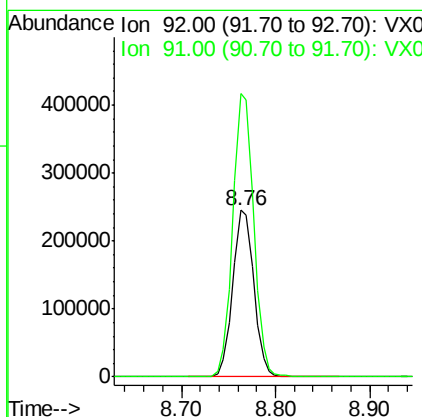
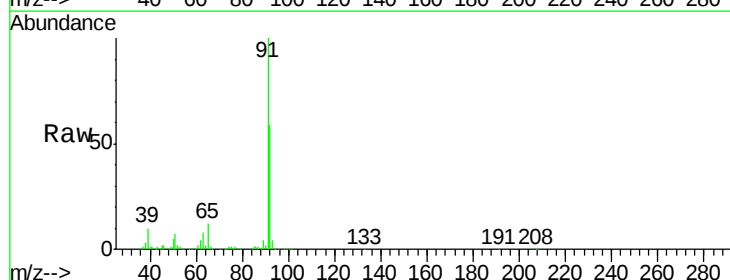
Manual Integrations
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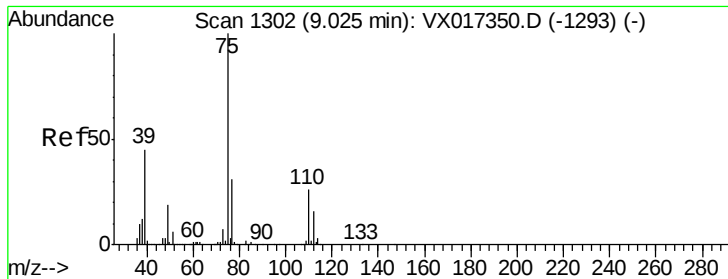
MMDadoda
7/14/2020 11:36:16 AM



#52
Toluene
Concen: 51.230 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 92 Resp: 382268
Ion Ratio Lower Upper
92 100
91 168.6 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 53.548 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tot Ion: 75 Resp: 258795

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

Instrument :

MSVOA_X

ClientSampleId :

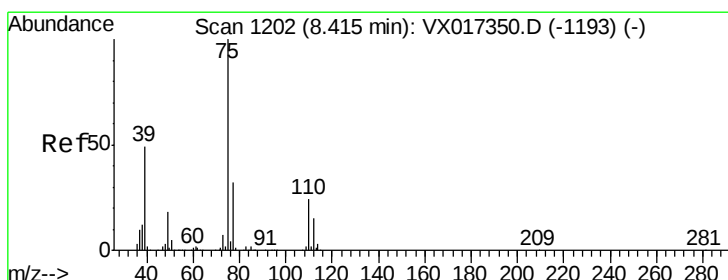
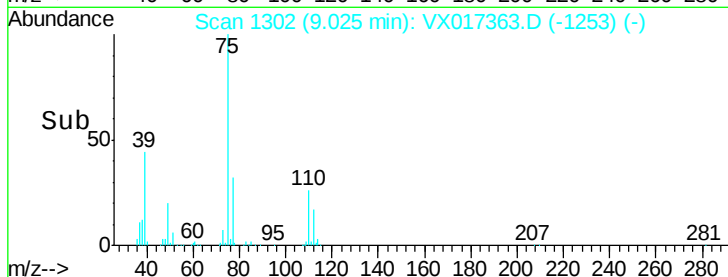
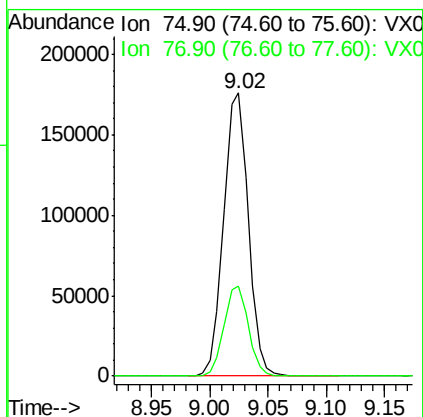
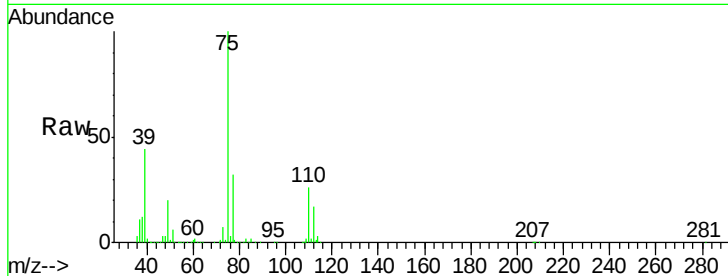
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

7/14/2020 11:36:16 AM



#54

cis-1,3-Dichloropropene

Concen: 52.508 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

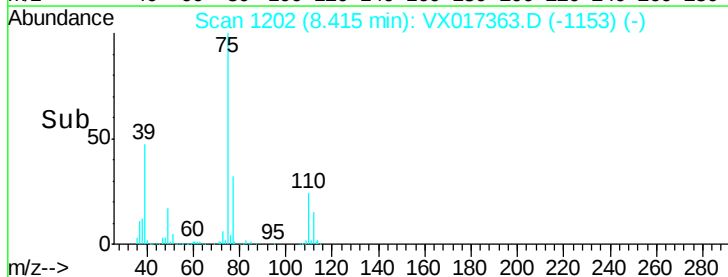
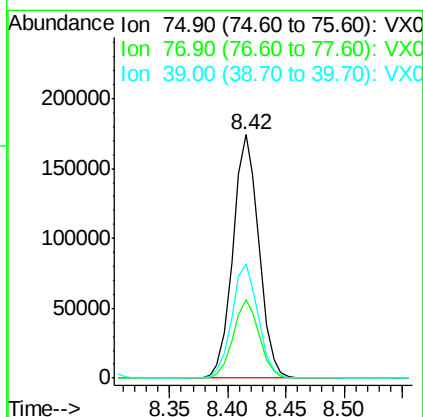
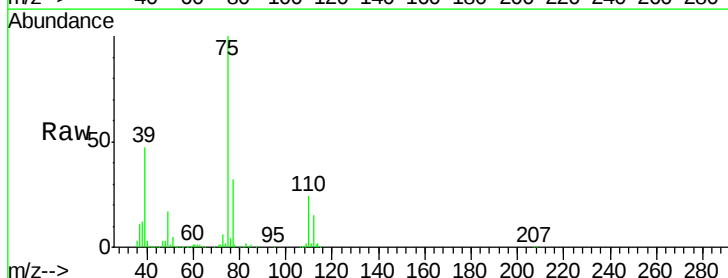
Tgt Ion: 75 Resp: 270663

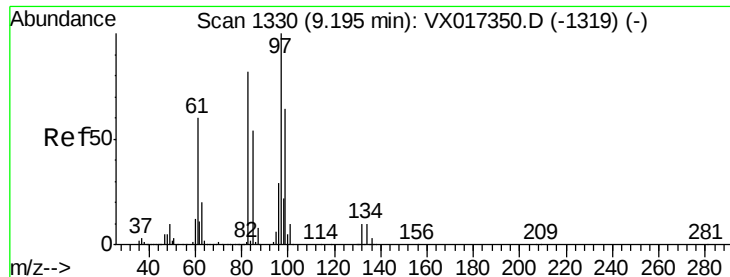
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 46.8 38.9 58.3





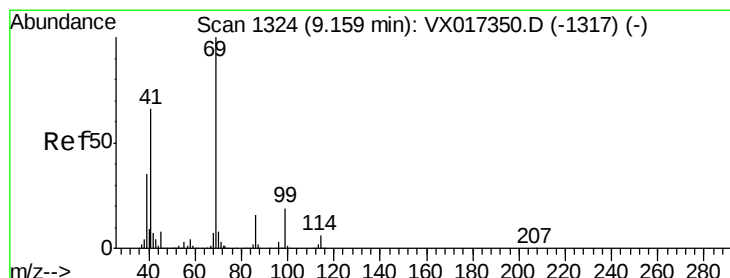
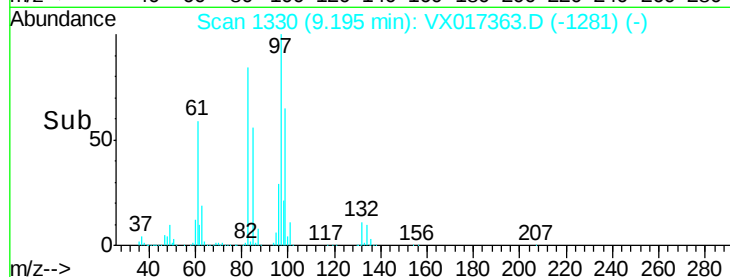
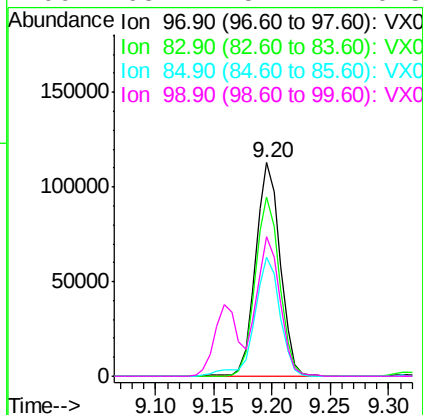
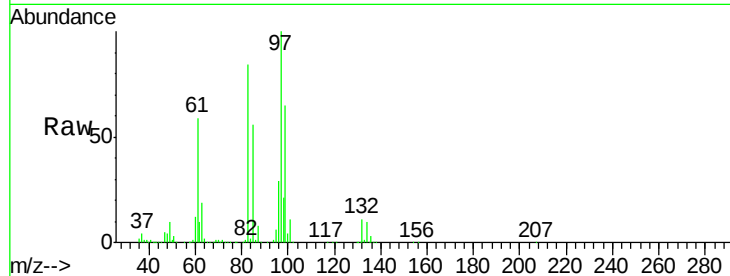
#55
 1,1,2-Trichloroethane
 Concen: 53.616 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		166826		
83	83.8	65.8	98.6		
85	55.7	42.8	64.2		
99	65.2	51.2	76.8		

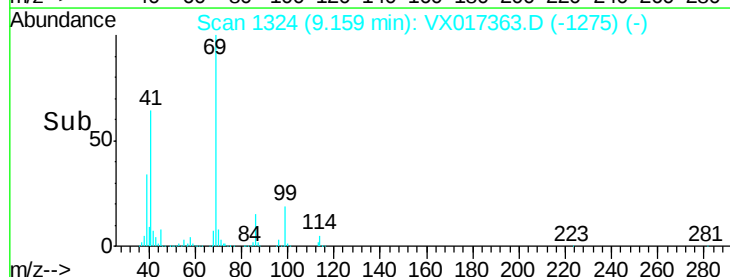
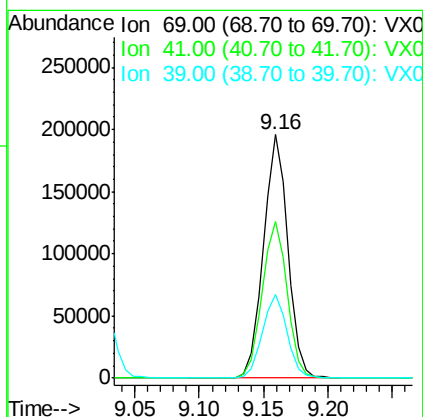
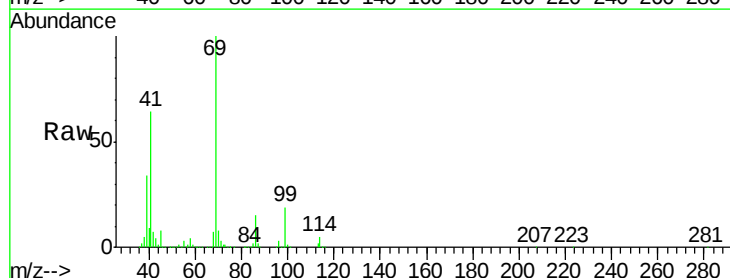
Manual Integrations
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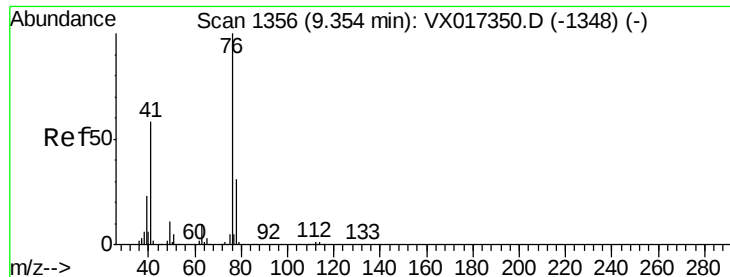
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 7/14/2020 11:36:16 AM



#56
 Ethyl methacrylate
 Concen: 57.821 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		255423		
41	65.8	52.6	78.8		
39	34.7	28.8	43.2		





#57

1,3-Dichloropropane

Concen: 53.272 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 275720

Ion Ratio Lower Upper

76 100

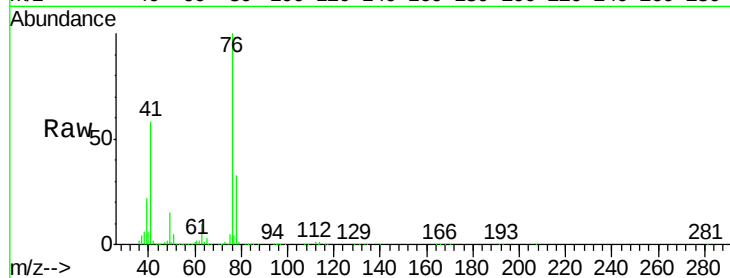
78 32.4 25.8 38.6

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

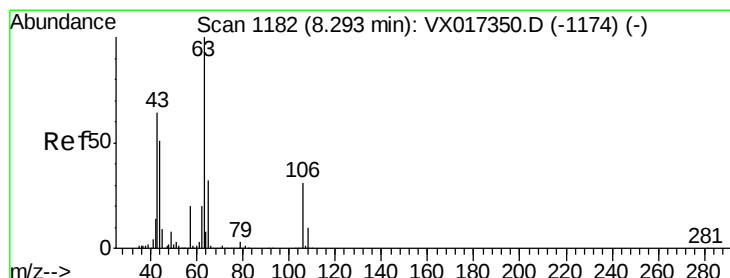
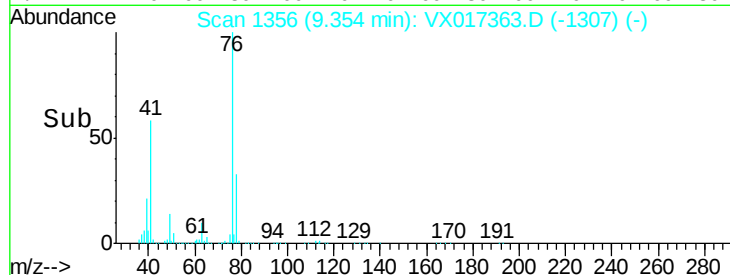
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 299.711 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017363.D

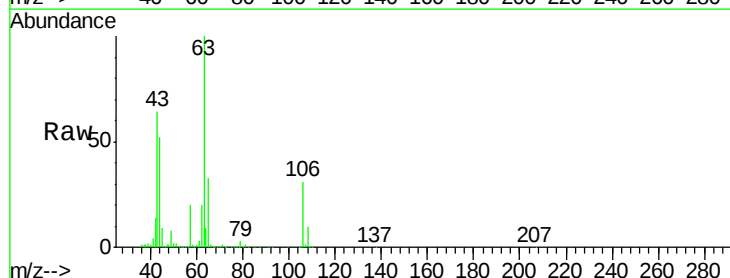
Acq: 13 Jul 2020 19:07

Tgt Ion: 63 Resp: 672249

Ion Ratio Lower Upper

63 100

106 30.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

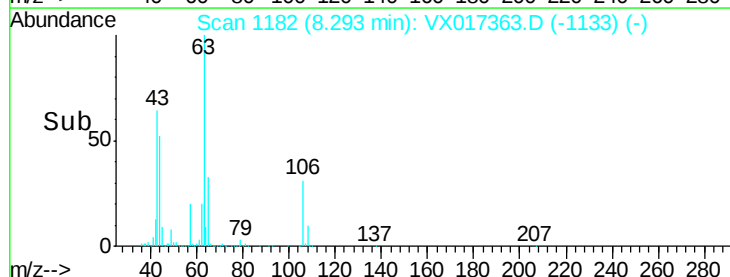
300000

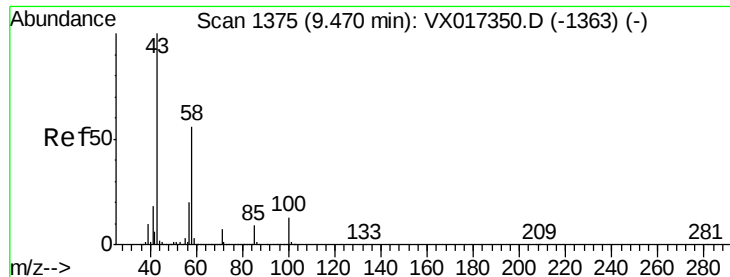
200000

100000

0

Time-->





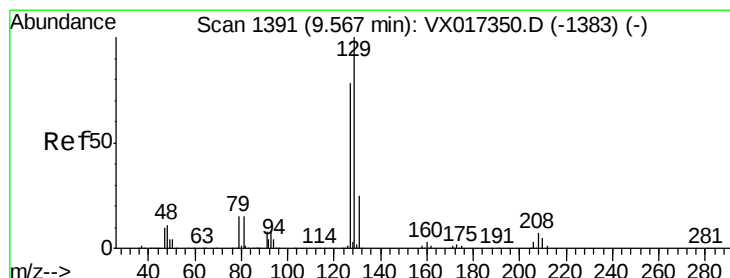
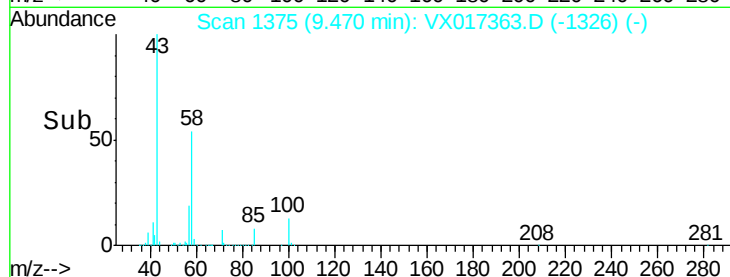
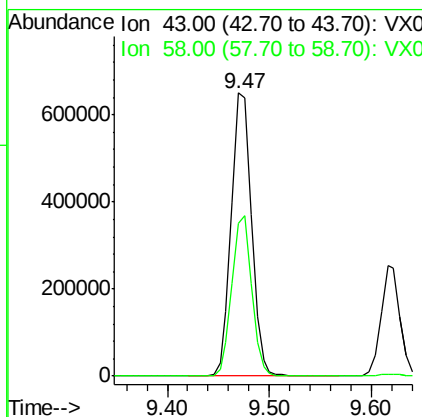
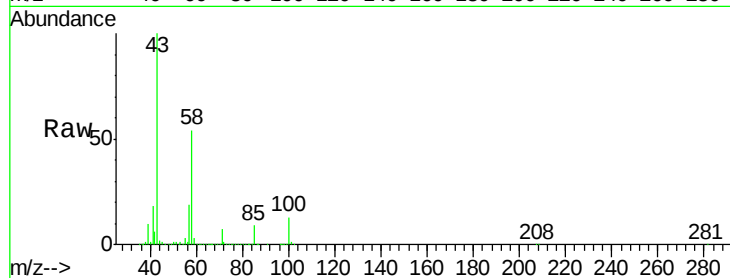
#59
2-Hexanone
Concen: 290.116 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	28.1	84.3

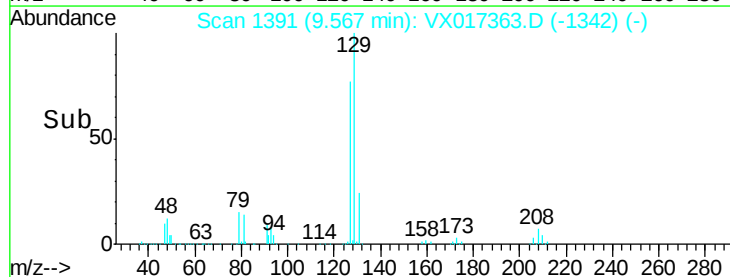
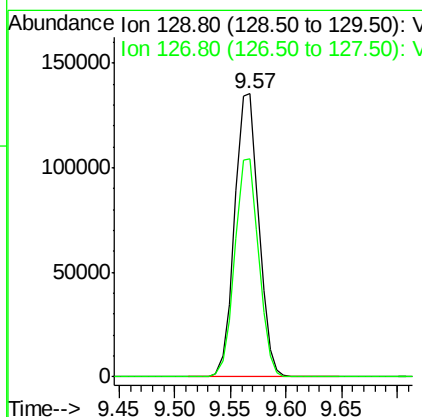
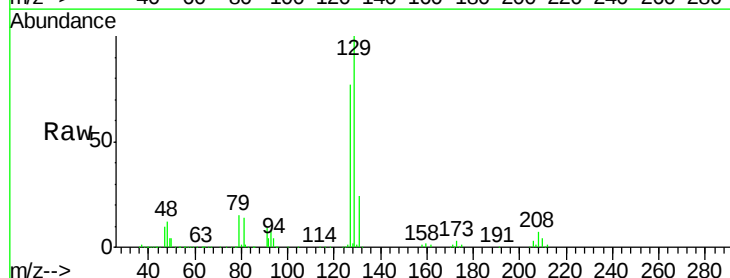
Manual Integrations
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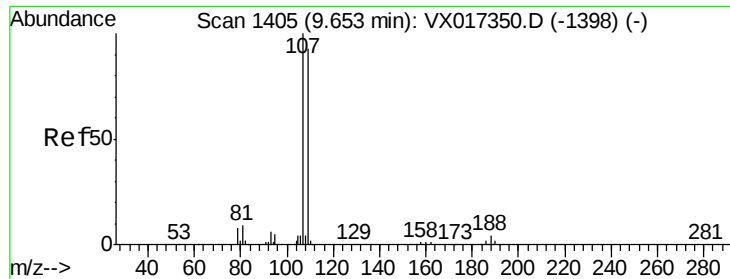
MMDadoda
7/14/2020 11:36:16 AM



#60
Dibromochloromethane
Concen: 53.416 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.9	116.6





#61

1,2-Dibromoethane

Concen: 53.856 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 182296

Ion Ratio Lower Upper

107 100

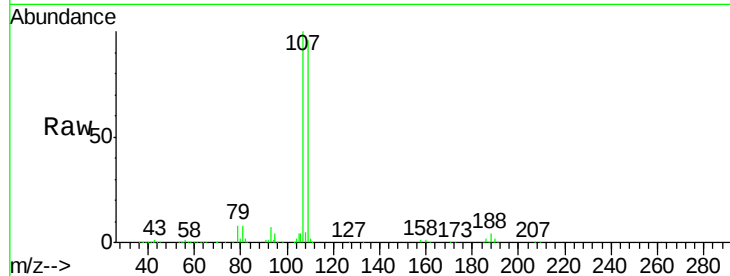
109 94.7 75.0 112.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

100000

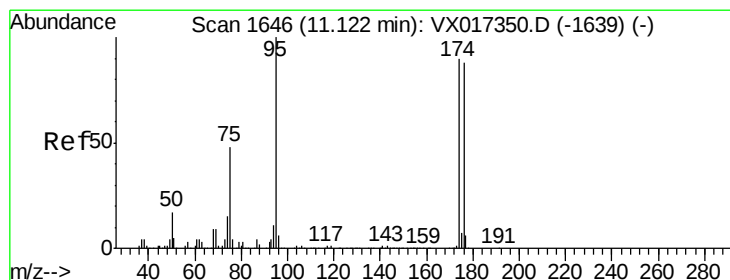
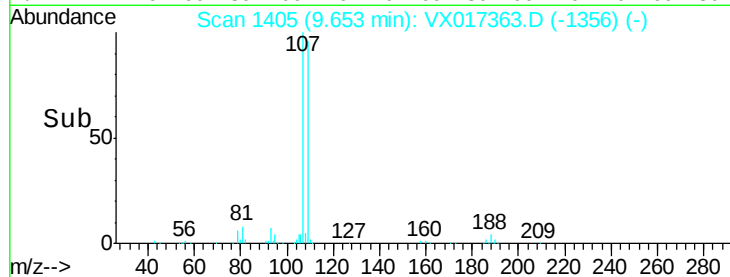
50000

0

9.65

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.622 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

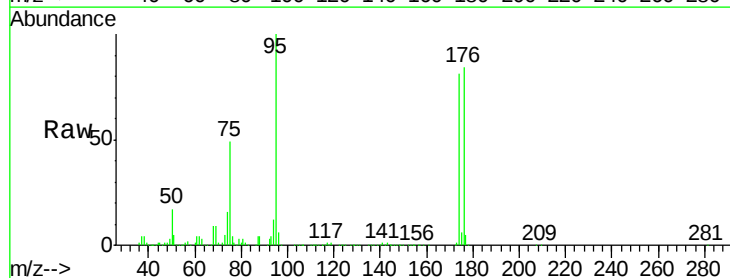
Tgt Ion: 95 Resp: 210671

Ion Ratio Lower Upper

95 100

174 85.0 0.0 175.8

176 82.4 0.0 164.6



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

200000

150000

100000

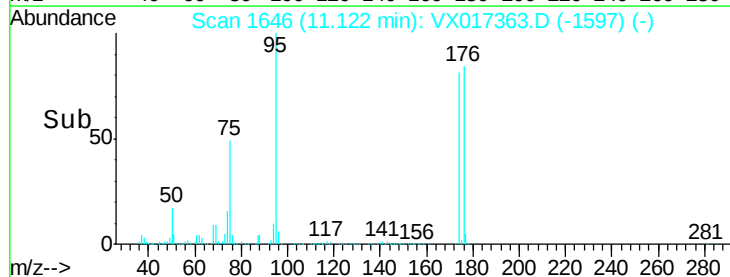
50000

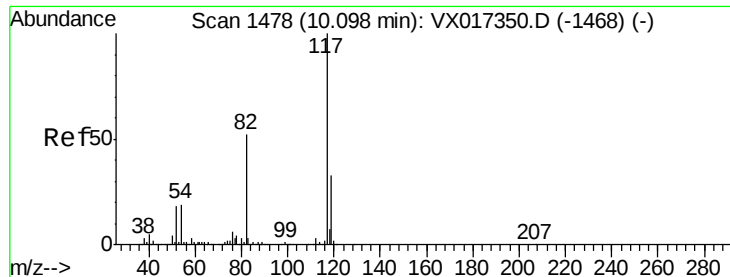
0

11.12

11.10 11.20

Time-->





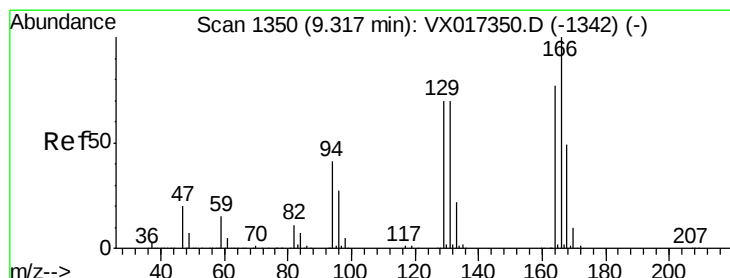
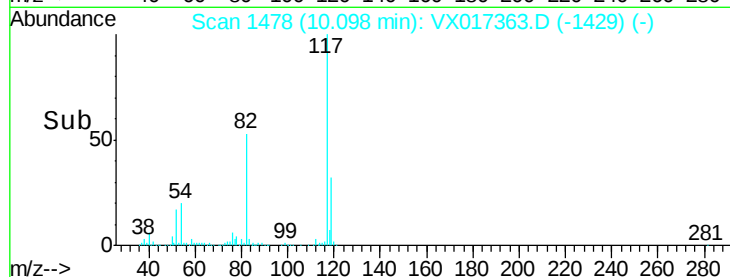
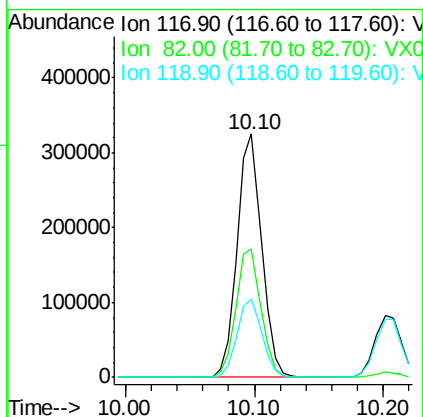
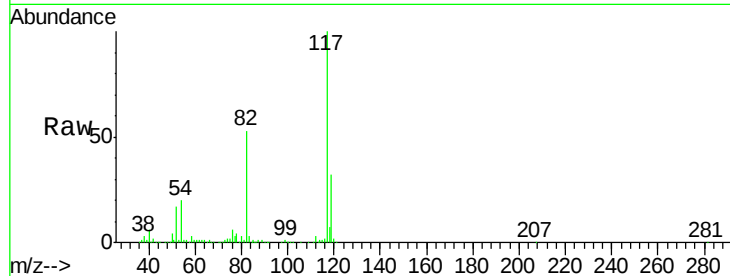
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.0	63.0
119	32.1	26.3	39.5

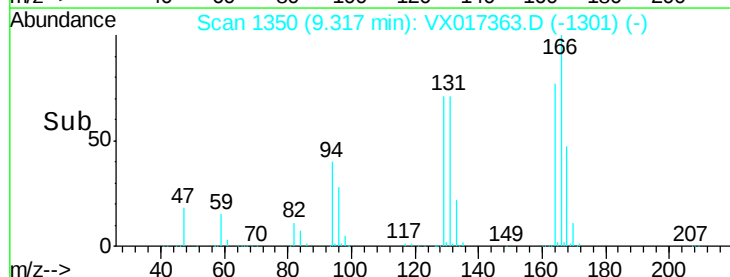
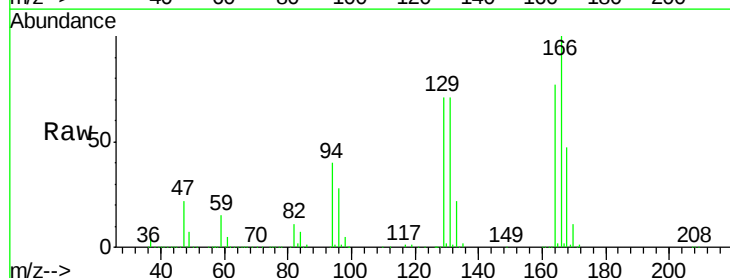
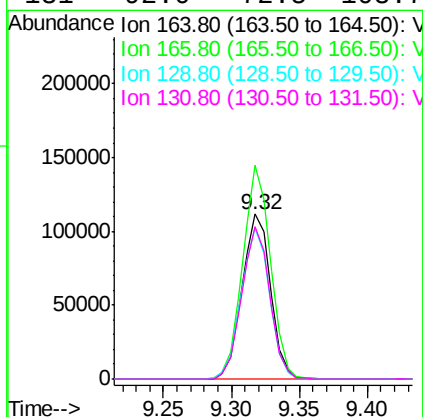
Manual Integrations
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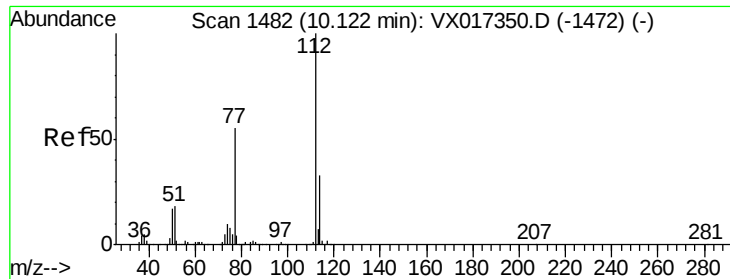
MMDadoda
7/14/2020 11:36:16 AM



#64
Tetrachloroethene
Concen: 43.948 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	103.9	155.9
129	91.8	72.9	109.3
131	92.0	72.5	108.7





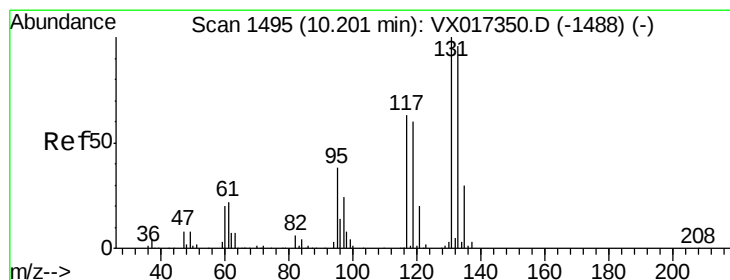
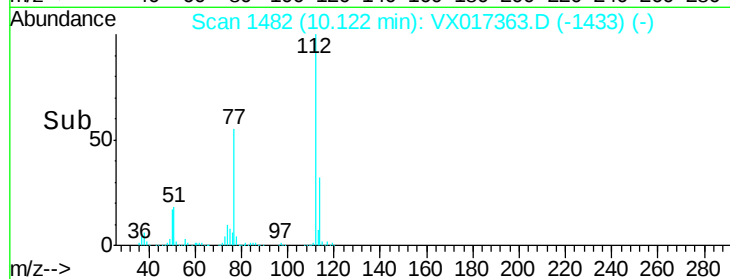
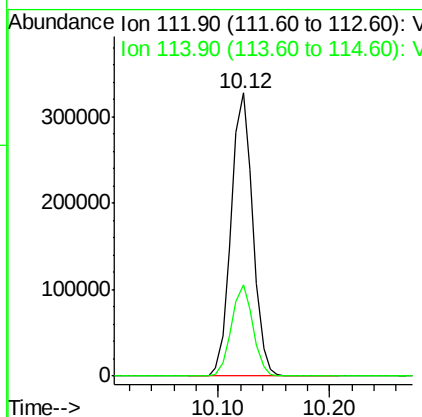
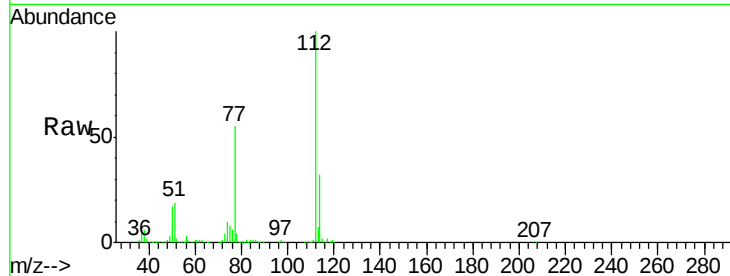
#65
Chlorobenzene
Concen: 50.400 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.0	39.0

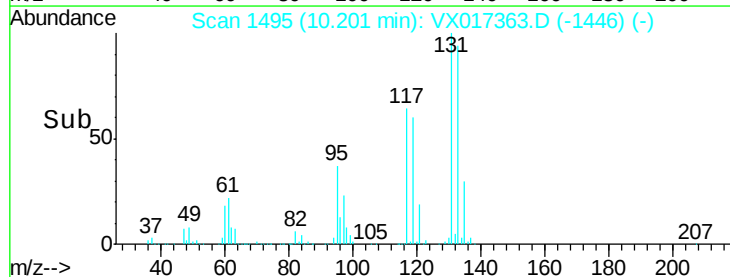
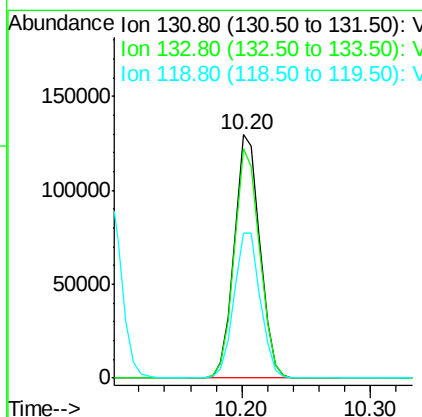
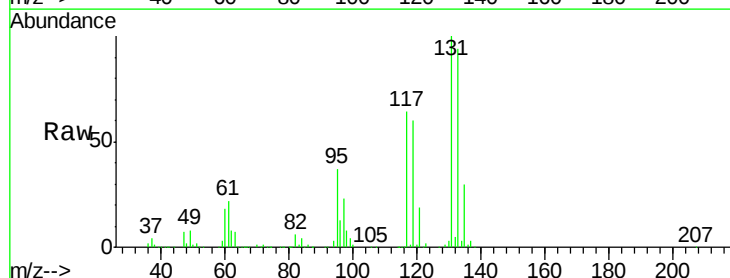
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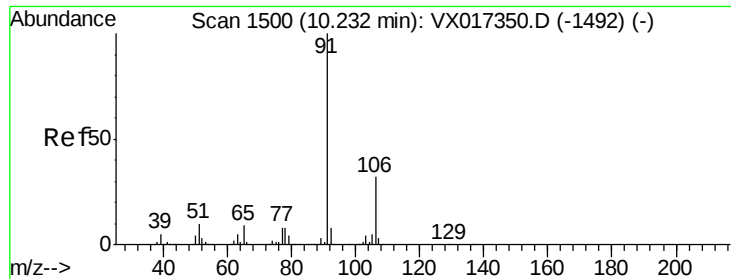
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.600 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.4	145.2
119	61.4	31.2	93.6





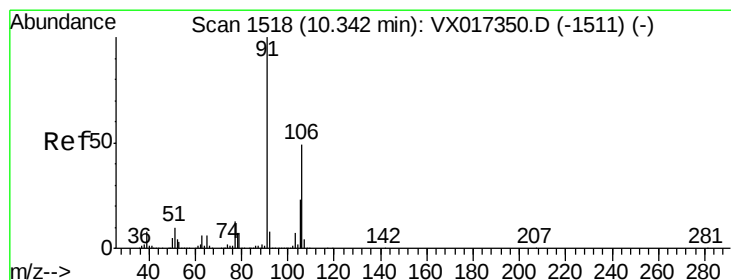
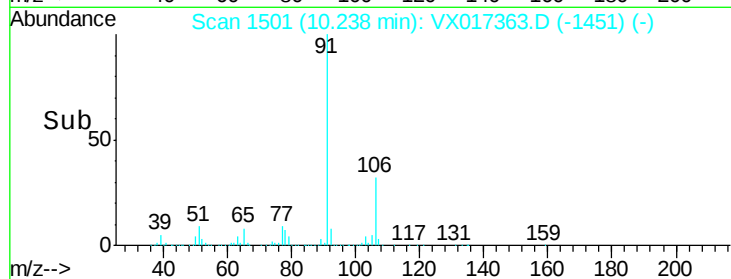
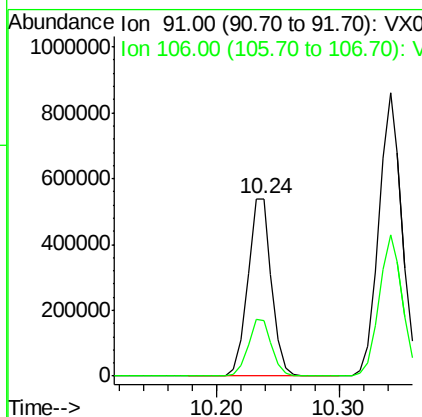
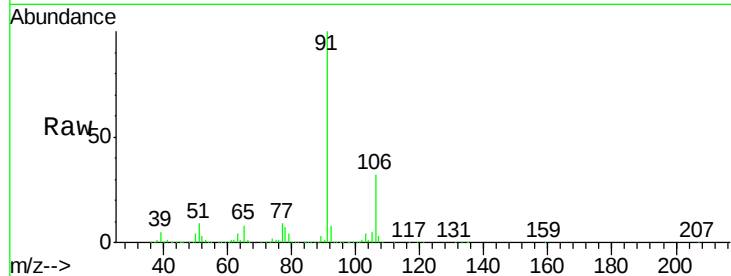
#67
Ethyl Benzene
Concen: 49.633 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 722951
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

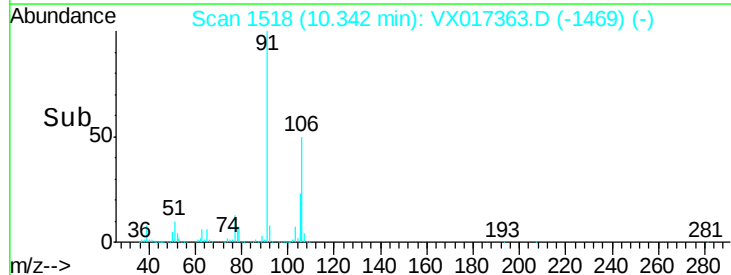
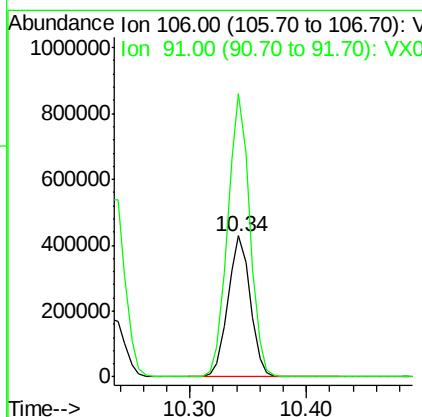
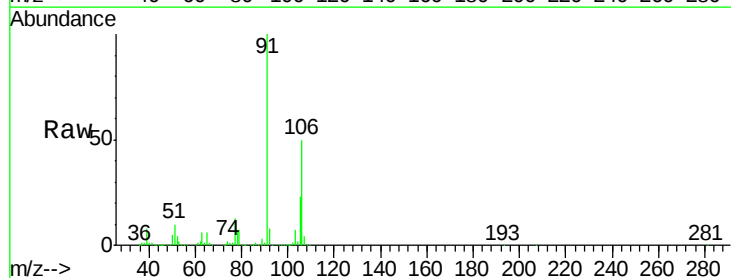
Manual Integrations
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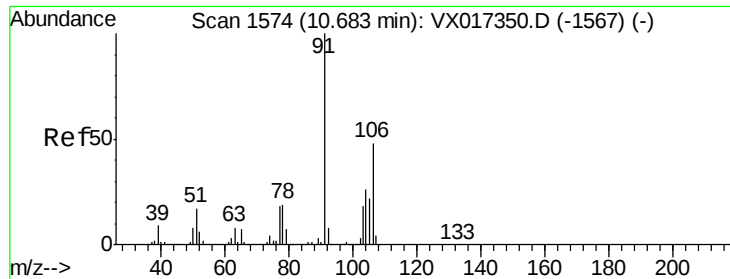
MMDadoda
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#68
m/p-Xylenes
Concen: 102.698 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 106 Resp: 569159
Ion Ratio Lower Upper
106 100
91 198.9 162.5 243.7





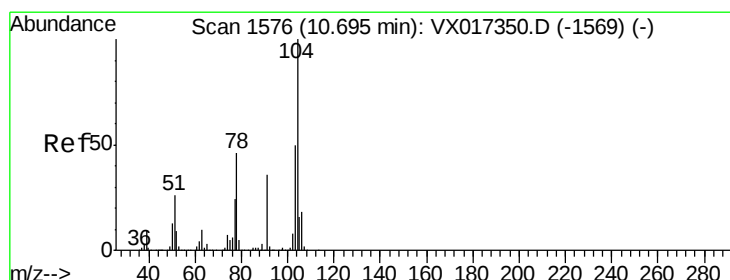
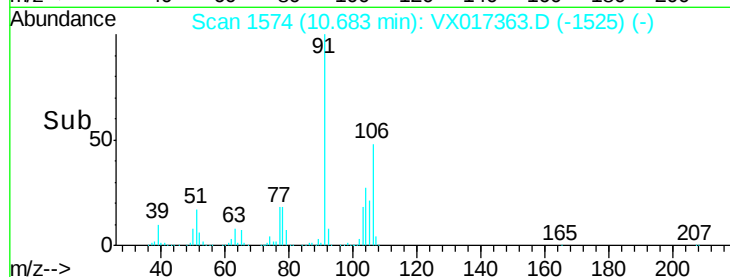
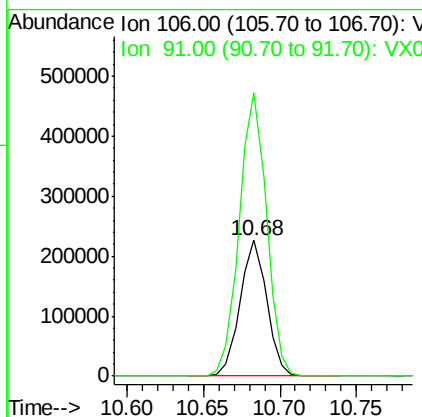
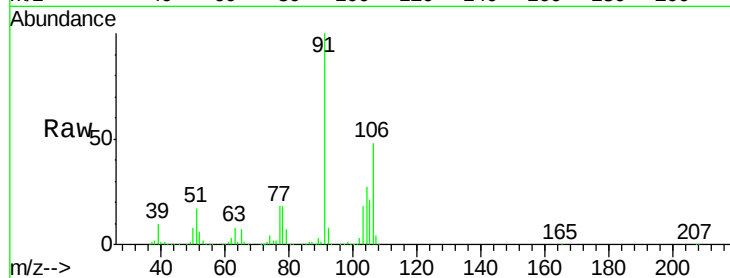
#69
o-Xylene
Concen: 51.733 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.4	106.1	318.1

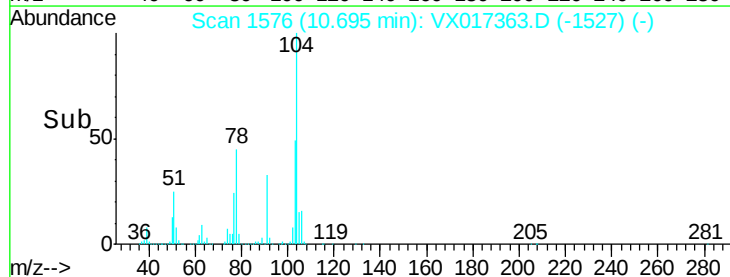
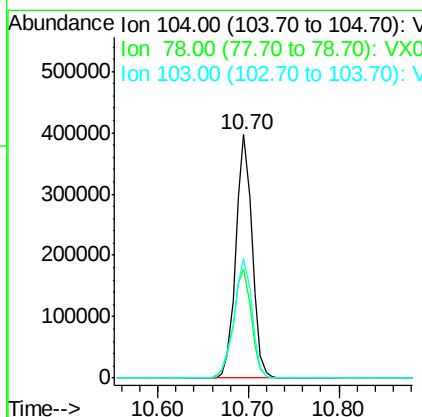
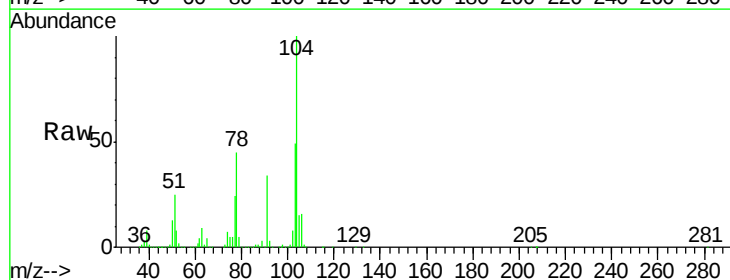
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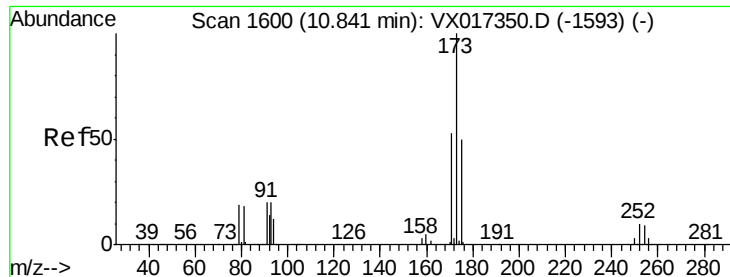
MMDadoda
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#70
Styrene
Concen: 54.303 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	40.8	61.2
103	53.7	43.3	64.9





#71

Bromoform

Concen: 54.190 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 159295

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

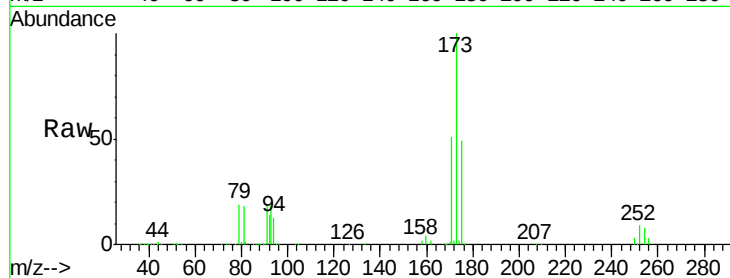
254 0.1 0.1 0.1#

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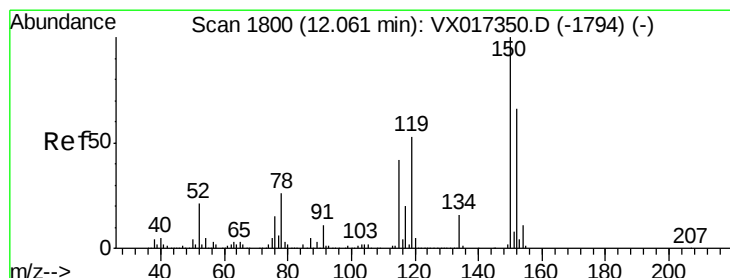
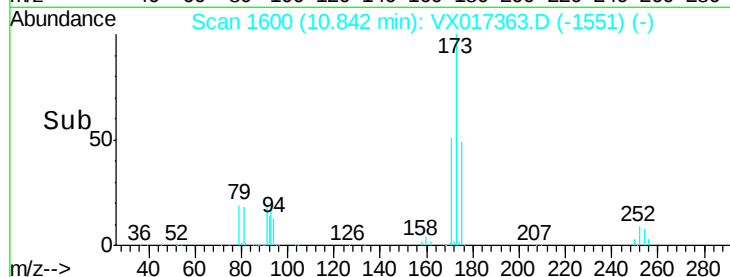
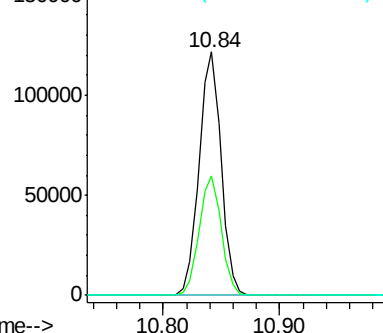
7/14/2020 11:36:16 AM



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: VX017363.D

Acq: 13 Jul 2020 19:07

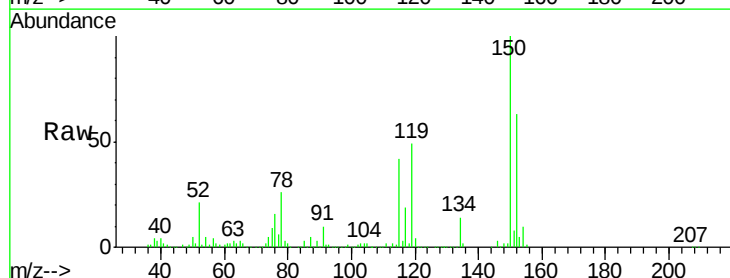
Tgt Ion:152 Resp: 233661

Ion Ratio Lower Upper

152 100

115 78.7 39.9 119.7

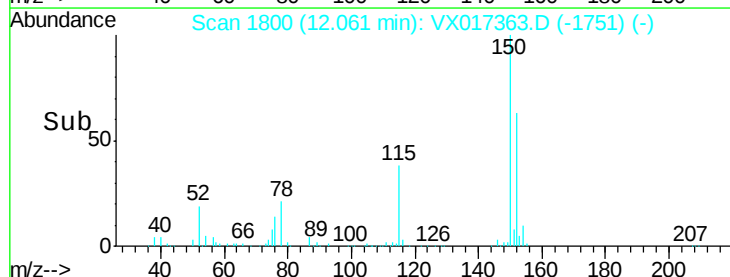
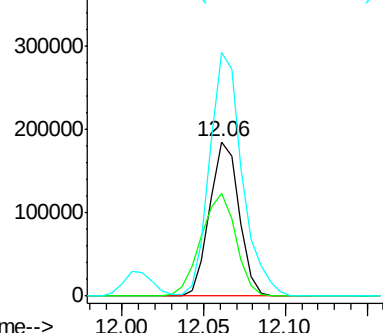
150 173.8 0.0 343.4

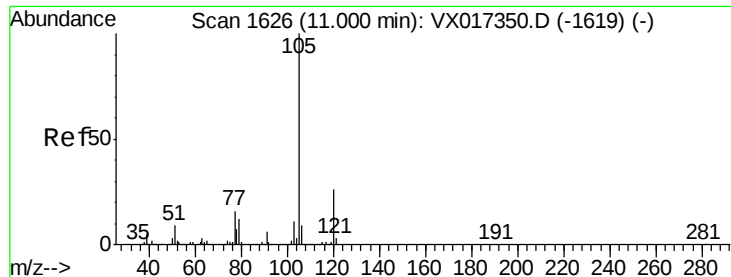


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.890 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 701462

Ion Ratio Lower Upper

105 100

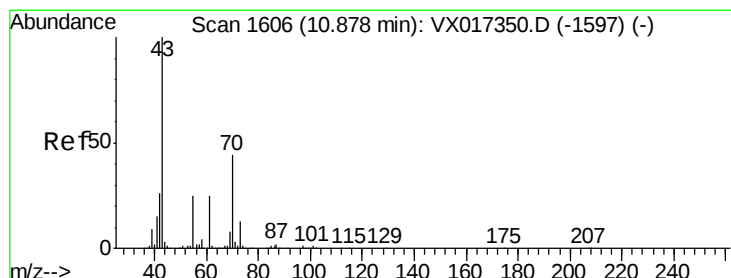
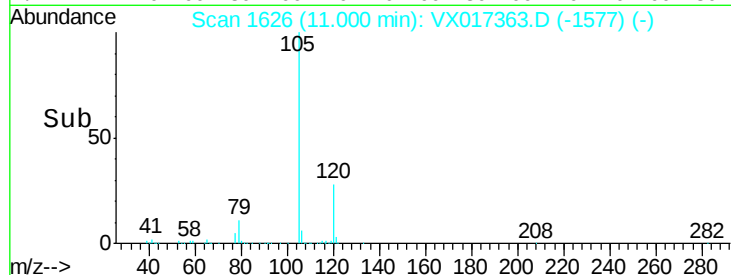
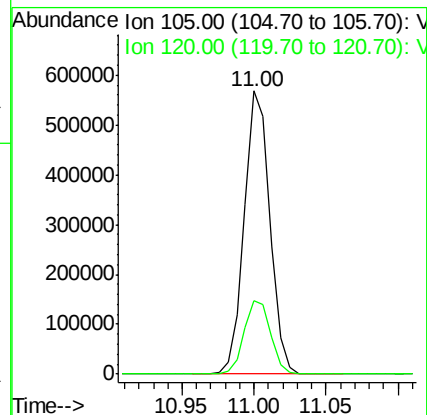
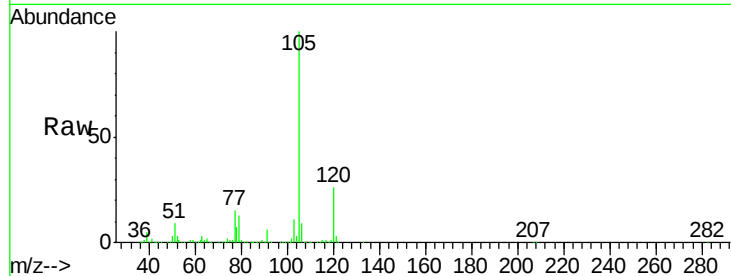
120 26.8 13.3 39.8

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#74

N-ethyl acetate

Concen: 57.999 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion: 43 Resp: 339958

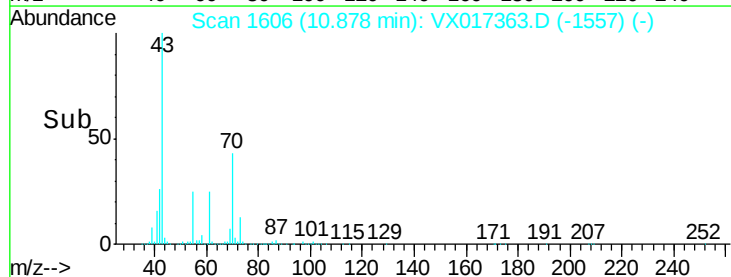
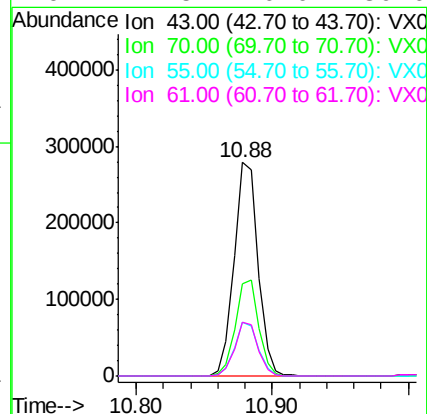
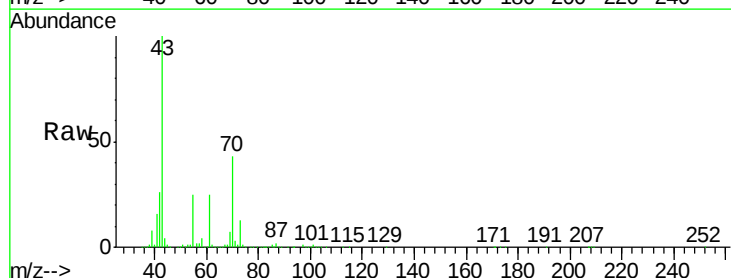
Ion Ratio Lower Upper

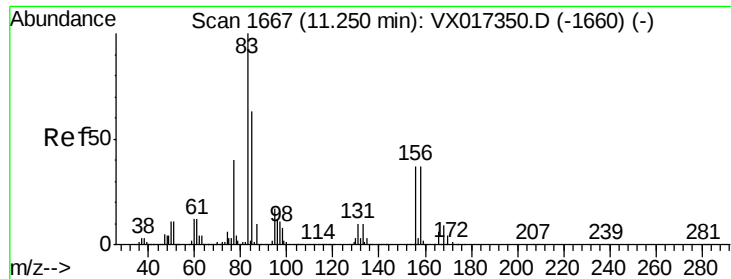
43 100

70 44.0 35.7 53.5

55 24.8 20.3 30.5

61 24.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.961 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 244428

Ion Ratio Lower Upper

83 100

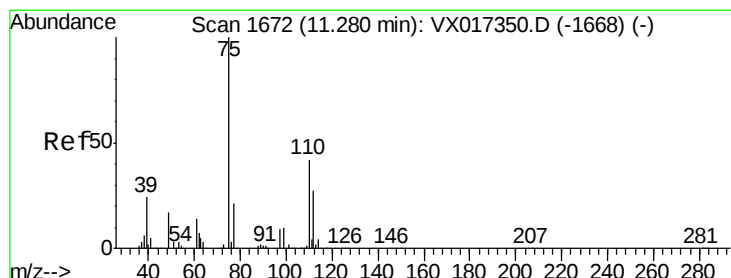
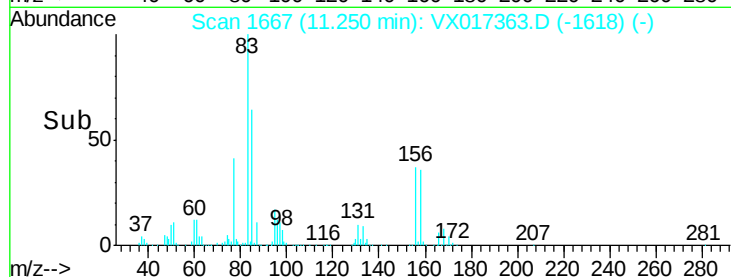
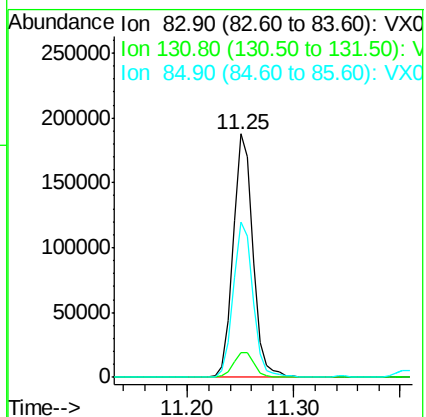
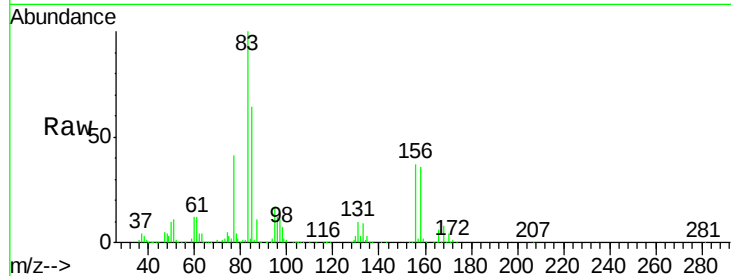
131 10.8 5.5 16.7

85 64.2 32.6 98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.506 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017363.D

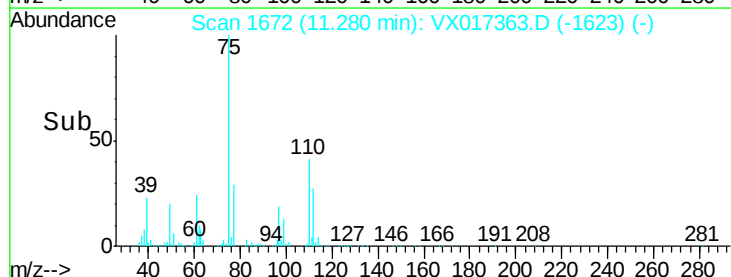
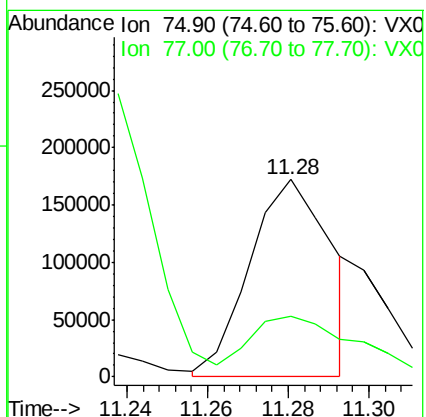
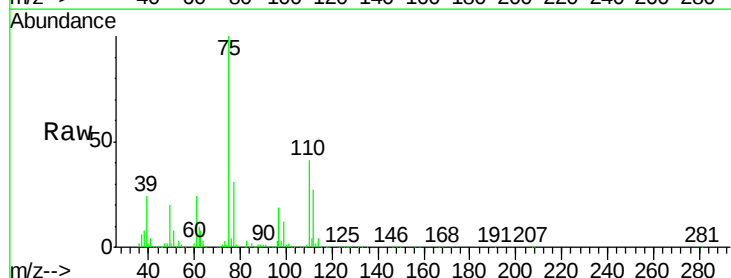
Acq: 13 Jul 2020 19:07

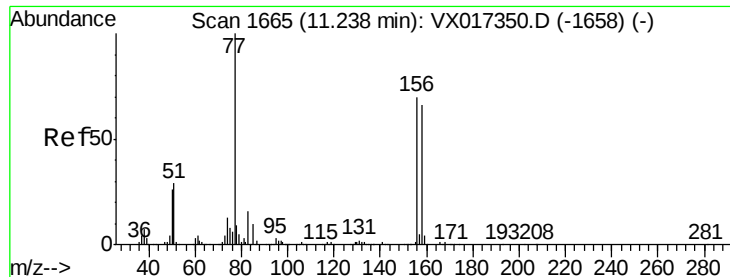
Tgt Ion: 75 Resp: 239656

Ion Ratio Lower Upper

75 100

77 40.9 20.3 60.9





#77

Bromobenzene

Concen: 50.127 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

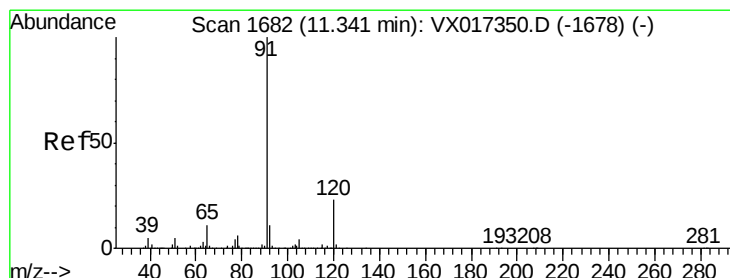
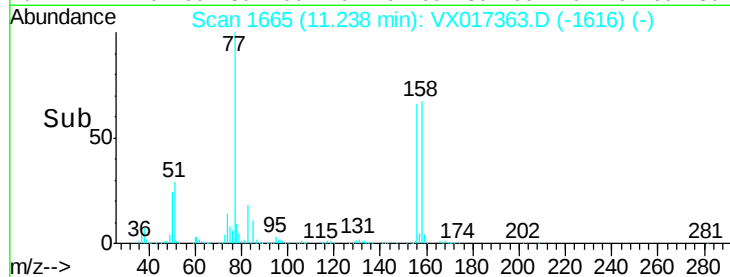
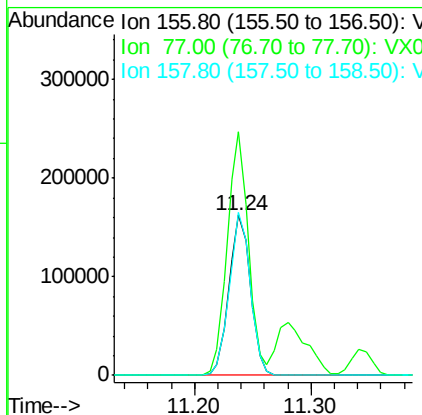
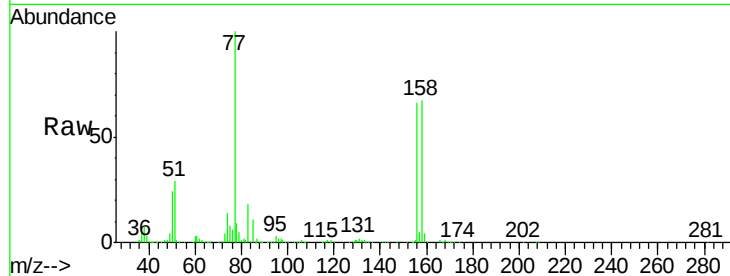
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	209120
Ion Ratio	Lower	Upper	
156	100		
77	149.4	72.1	216.3
158	99.2	47.4	142.3

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#78

n-propylbenzene

Concen: 48.664 ug/l

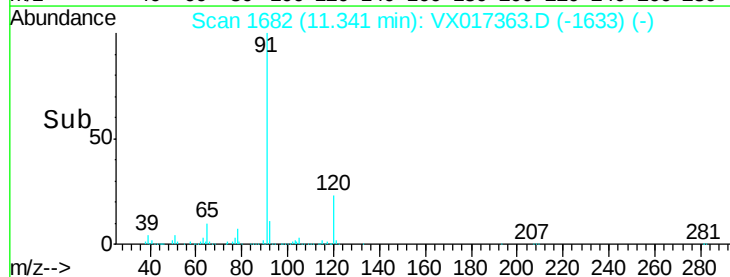
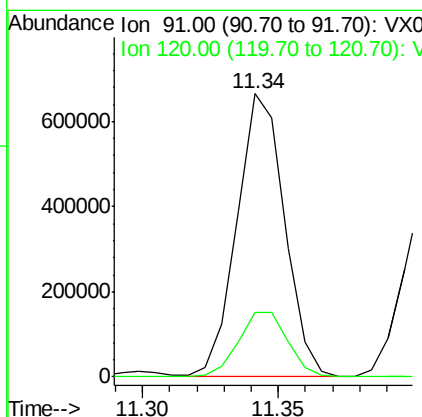
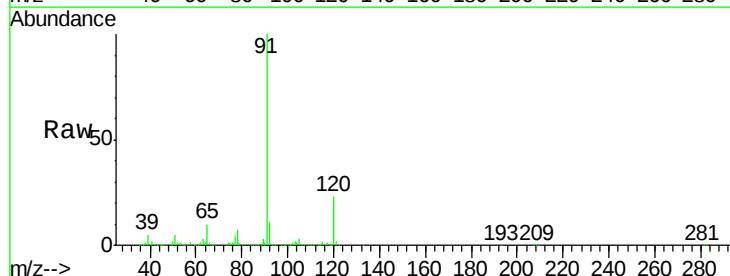
RT: 11.34 min Scan# 1682

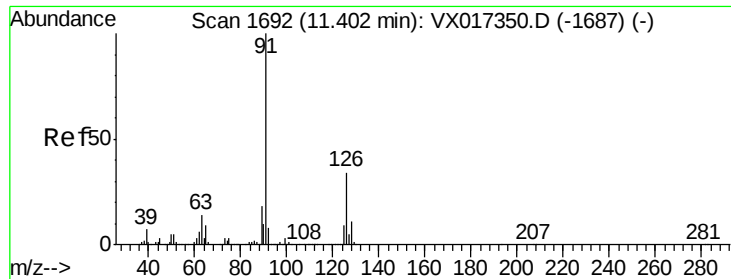
Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion:	91	Resp:	800538
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





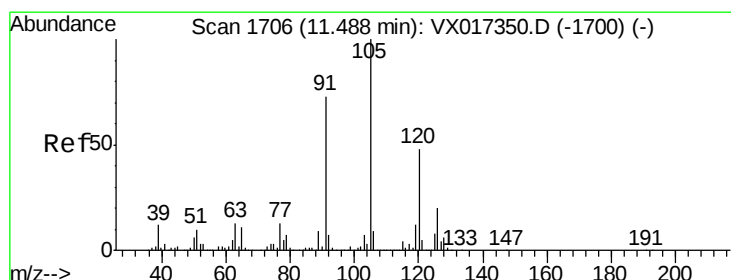
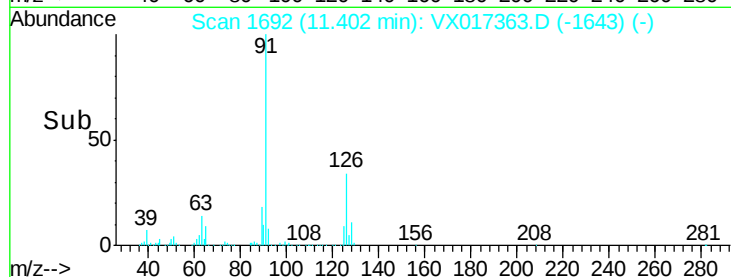
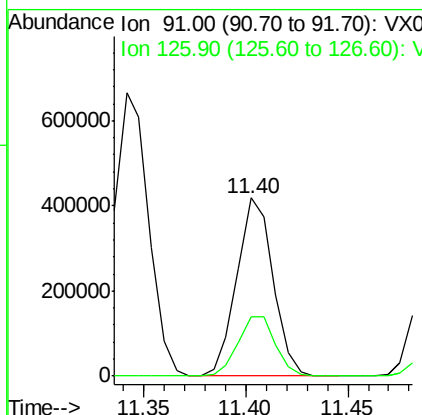
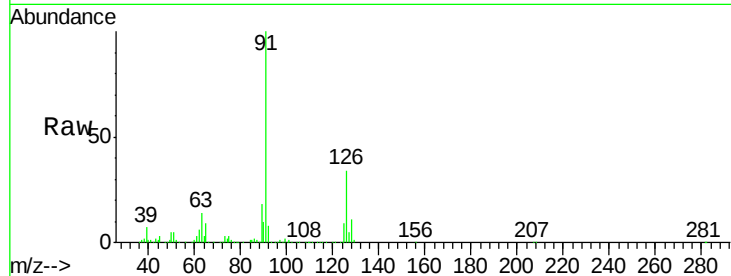
#79
2-Chlorotoluene
Concen: 50.760 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 514576
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3

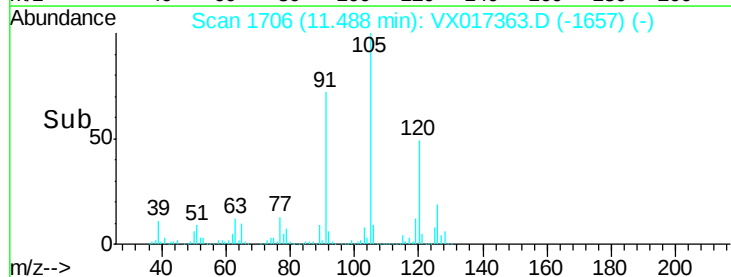
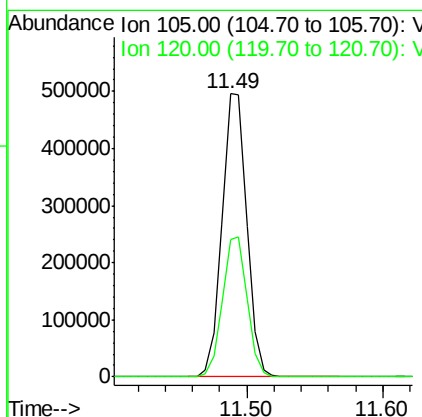
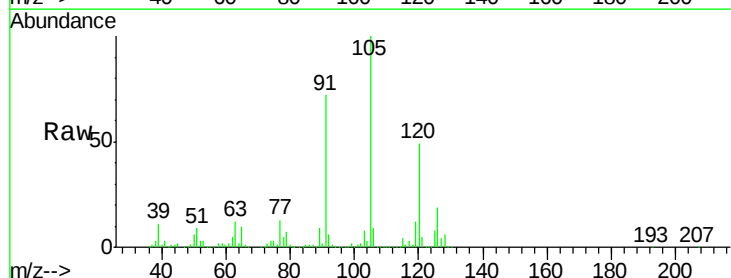
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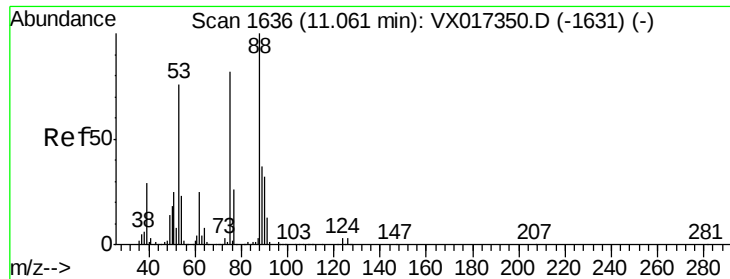
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 50.185 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 105 Resp: 623979
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.256 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

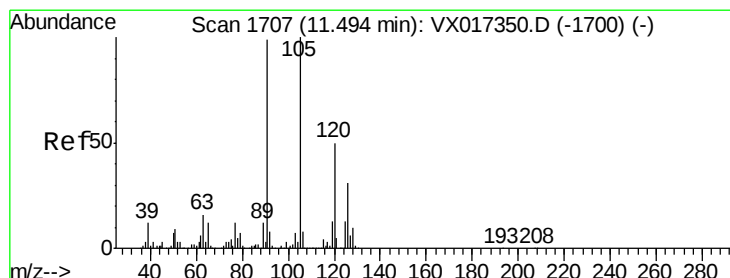
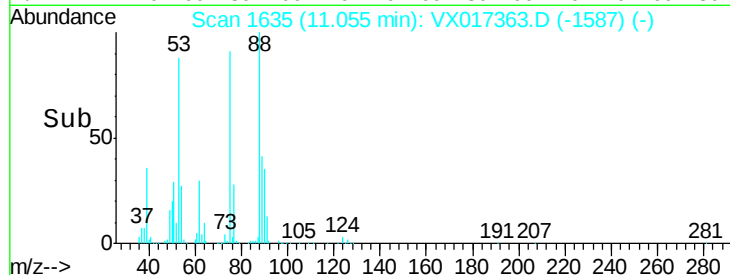
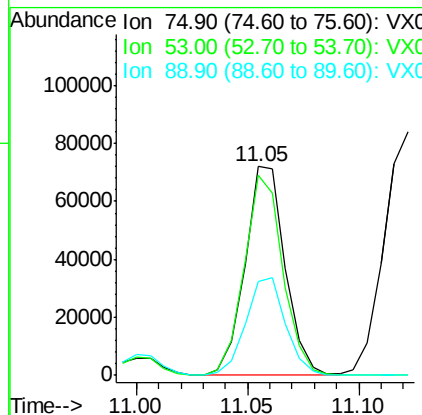
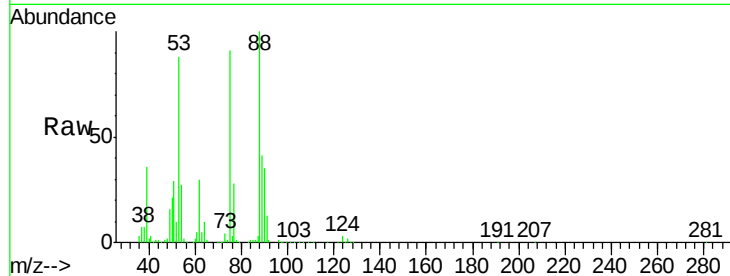
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	90644
Ion	Ratio	Lower	Upper
75	100		
53	92.3	76.5	114.7
89	46.0	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.319 ug/l

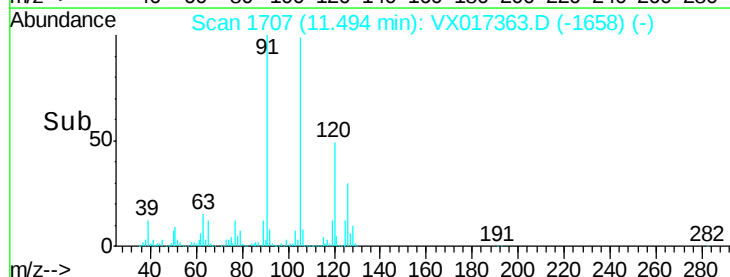
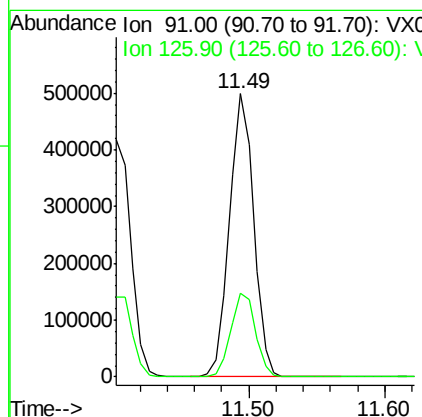
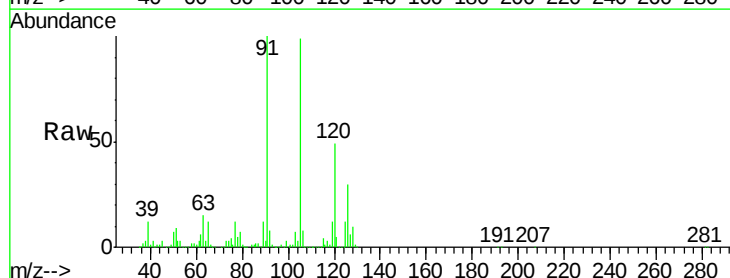
RT: 11.49 min Scan# 1707

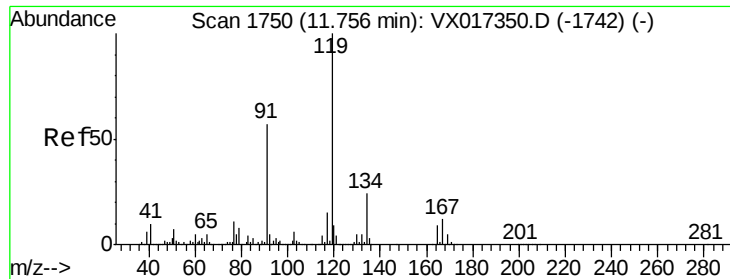
Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion:	91	Resp:	616553
Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.4	46.2





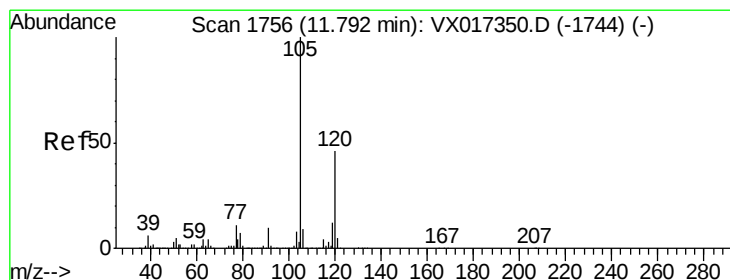
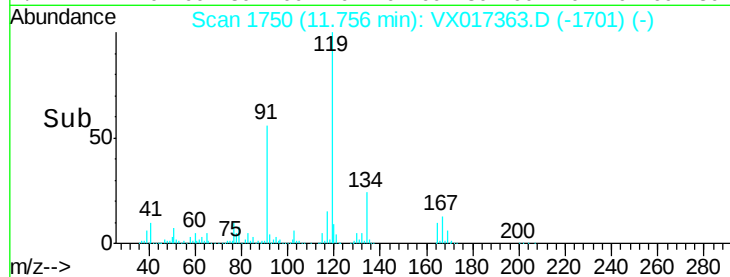
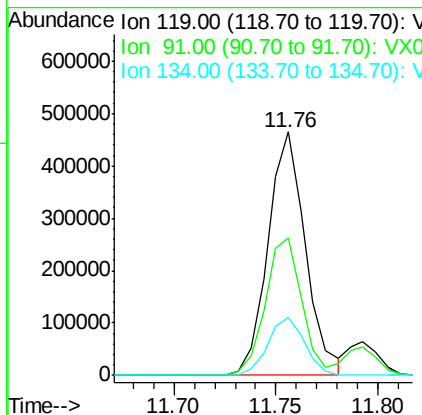
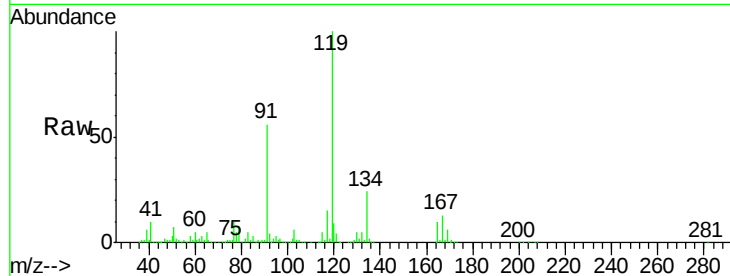
#83
tert-Butylbenzene
Concen: 49.399 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	593739		
91	54.8		28.5	85.6
134	23.3		11.9	35.9

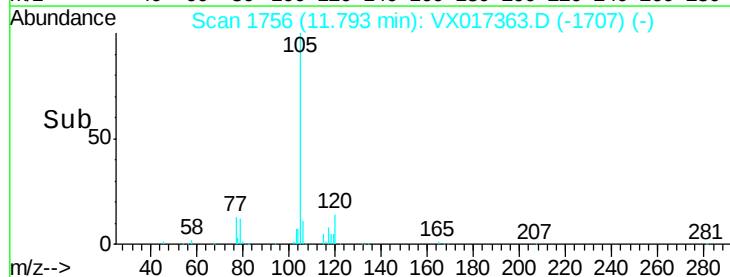
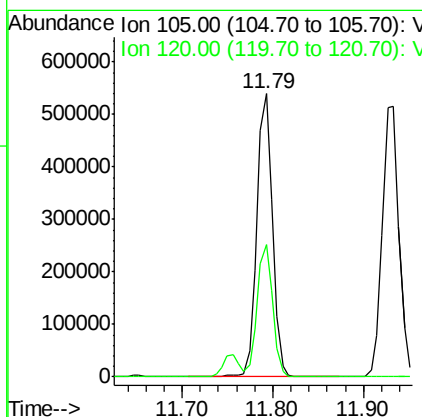
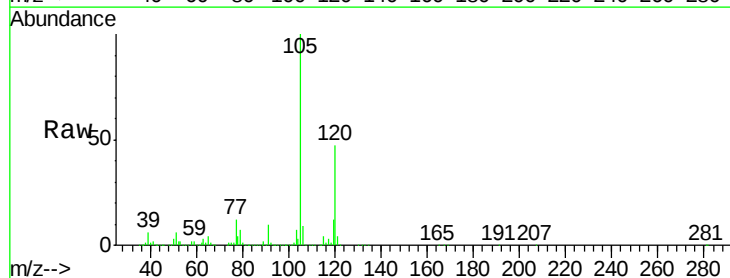
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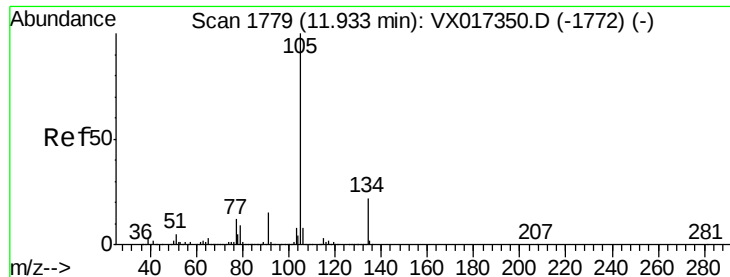
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#84
1,2,4-Trimethylbenzene
Concen: 51.341 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	644908		
120	46.1		22.8	68.4





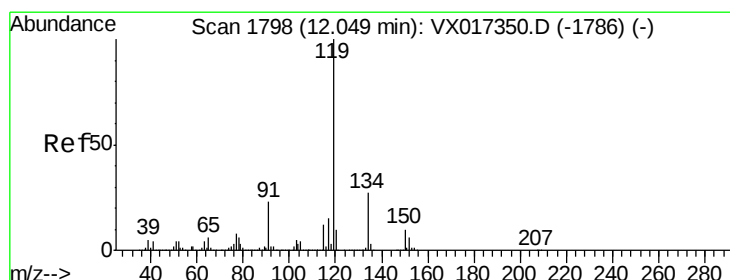
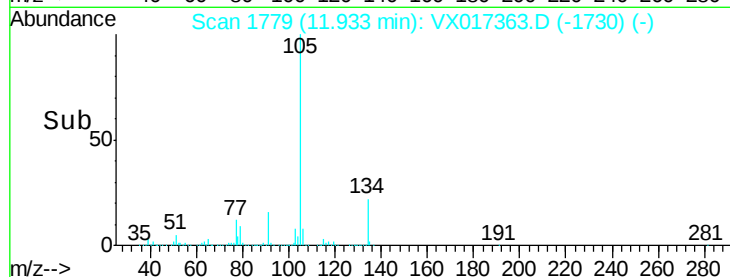
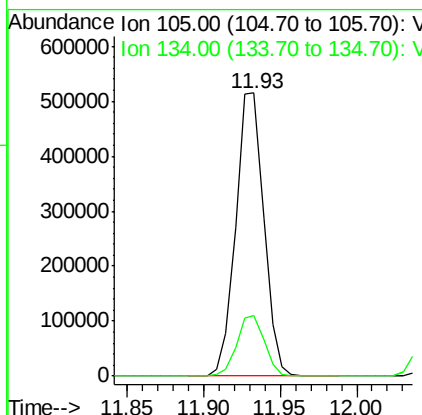
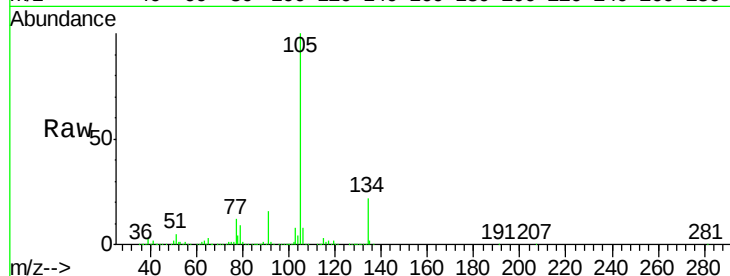
#85
 sec-Butylbenzene
 Concen: 46.596 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	655683		
134	21.1	10.5	31.5	

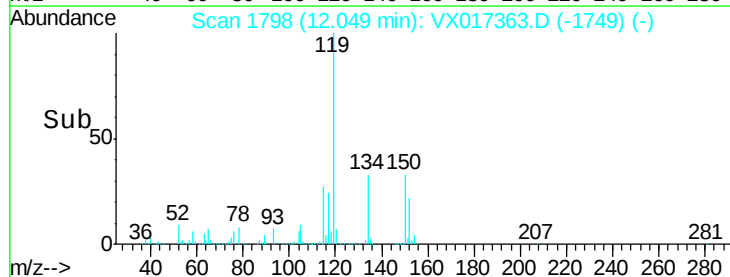
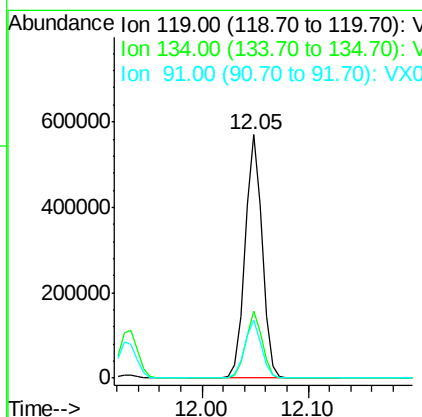
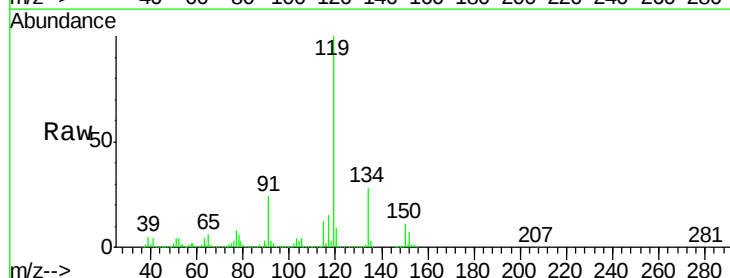
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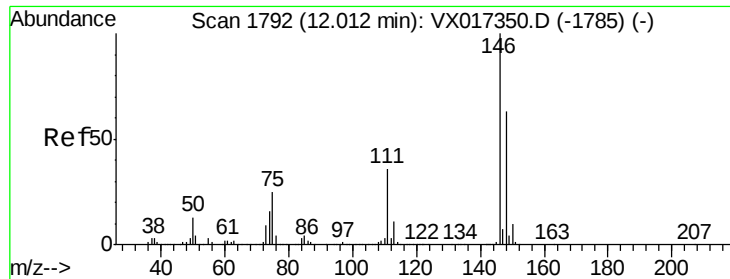
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#86
 p-Isopropyltoluene
 Concen: 47.898 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	637742		
134	26.6	13.5	40.5	
91	23.5	11.8	35.3	





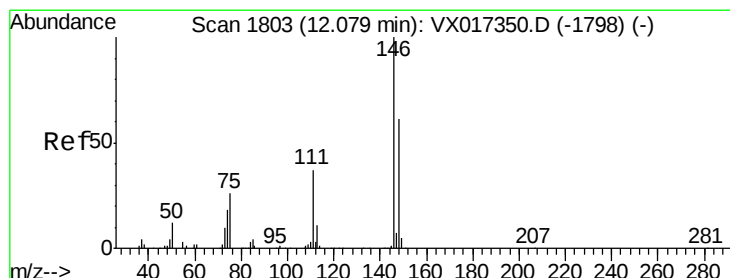
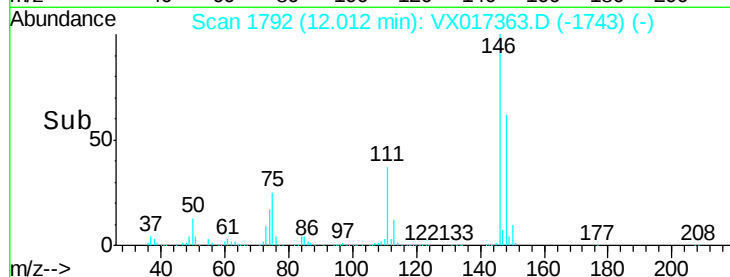
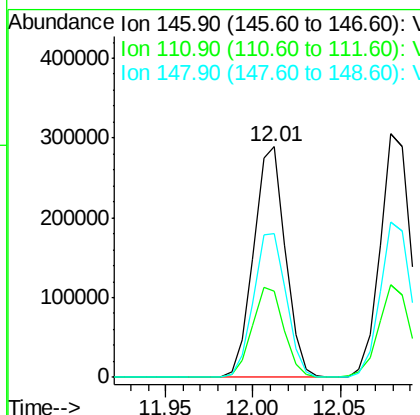
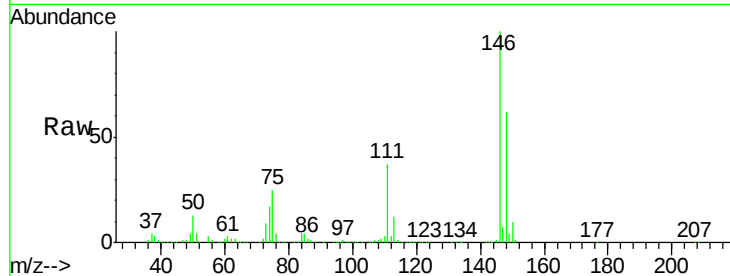
#87
 1,3-Dichlorobenzene
 Concen: 48.940 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	64.2	31.6	95.0

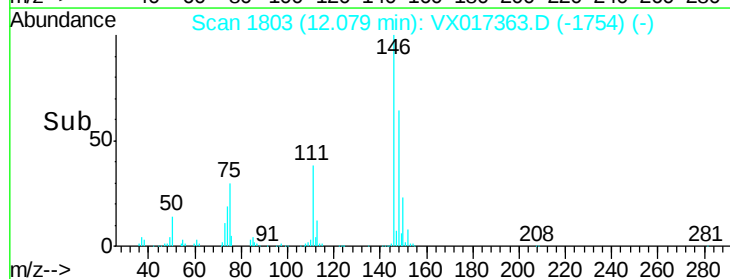
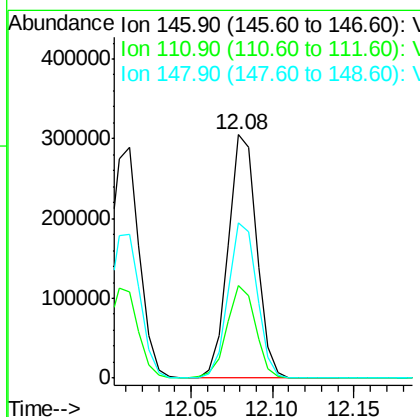
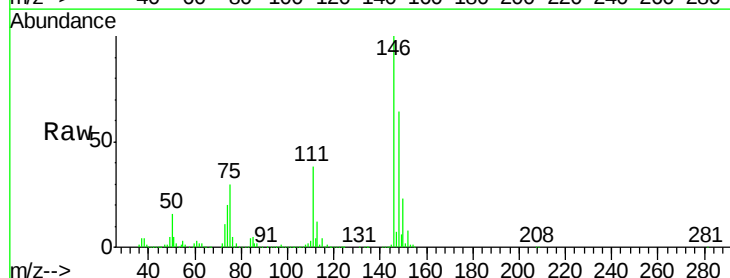
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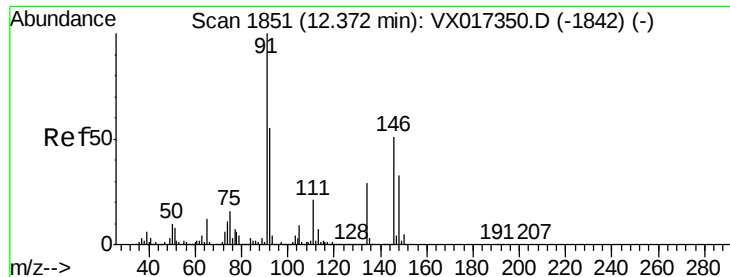
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#88
 1,4-Dichlorobenzene
 Concen: 48.960 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.6	31.9	95.9





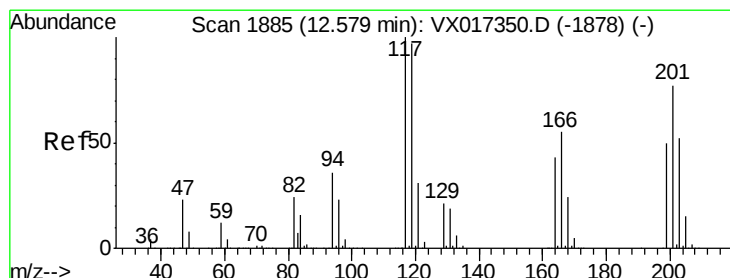
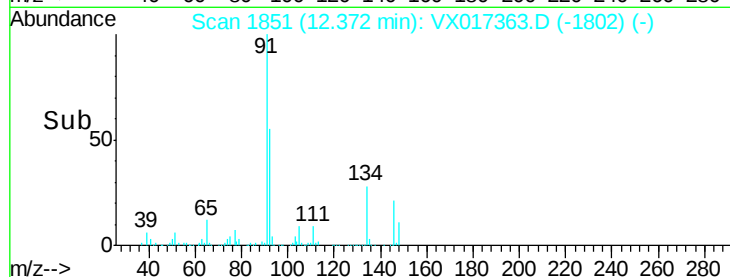
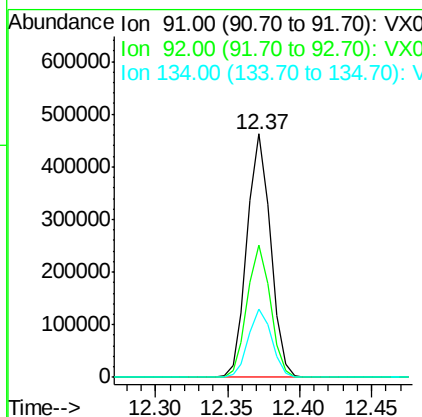
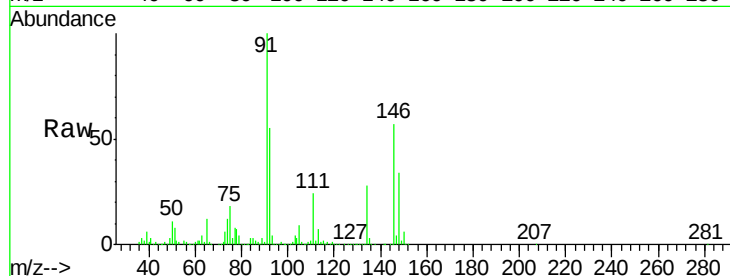
#89
n-Butylbenzene
Concen: 45.809 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.0	81.0
134	28.0	14.1	42.2

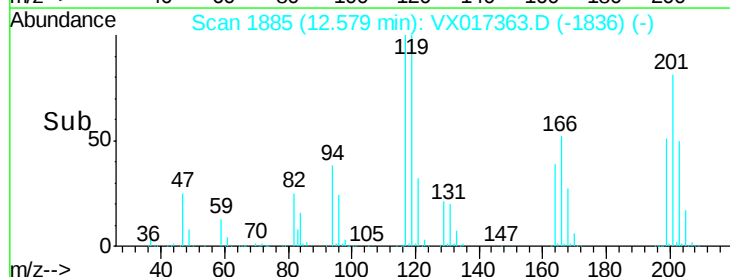
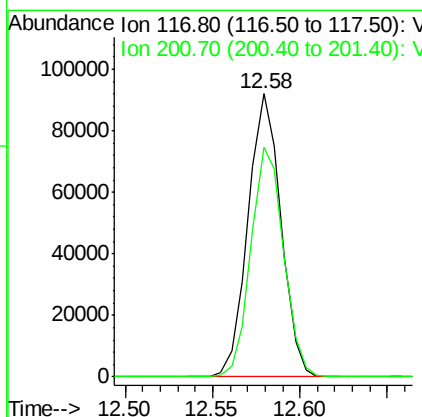
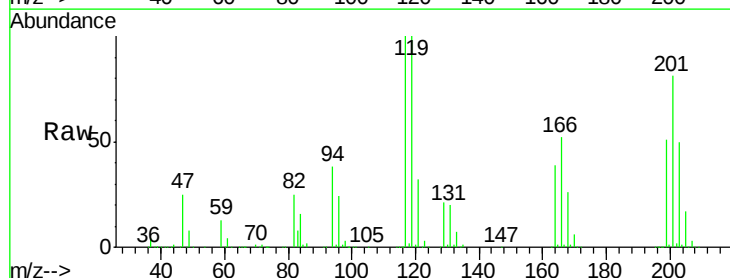
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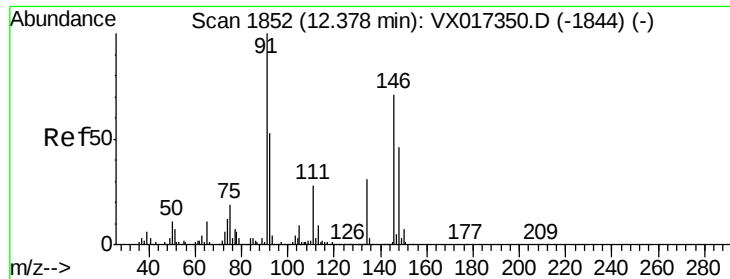
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#90
Hexachloroethane
Concen: 47.564 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.5	41.0	123.0





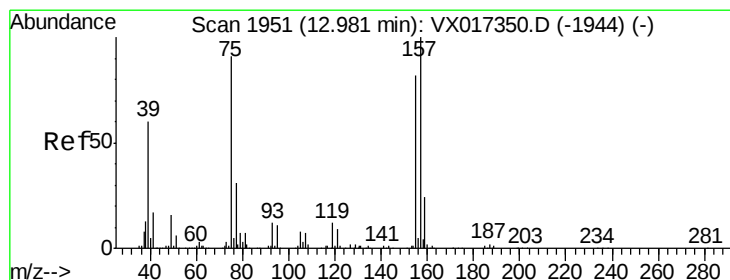
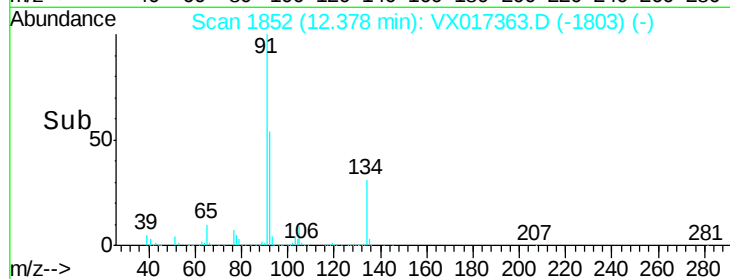
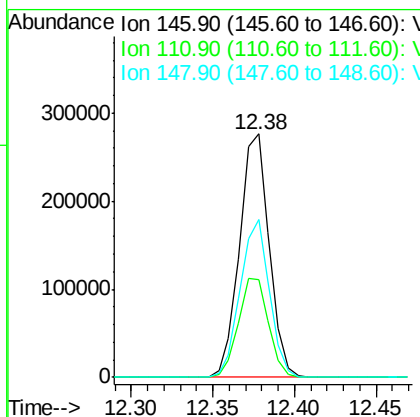
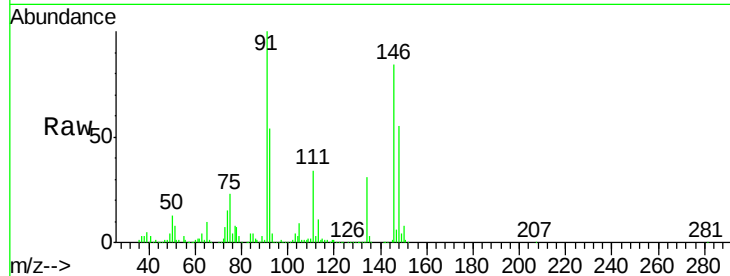
#91
 1,2-Dichlorobenzene
 Concen: 50.046 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	64.0	32.0	96.0

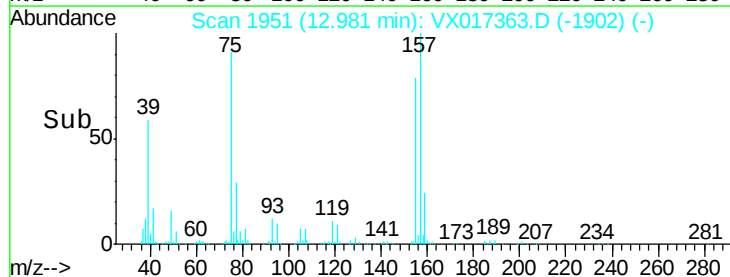
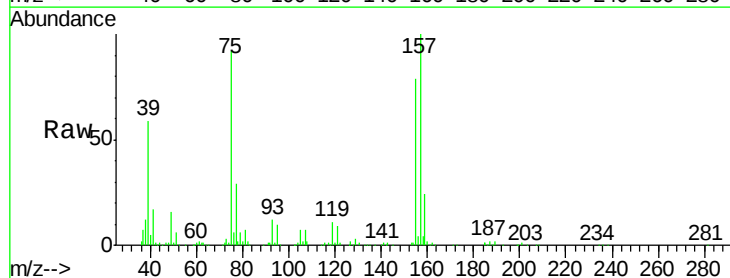
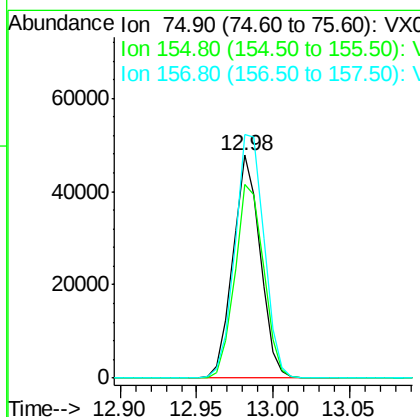
Manual Integrations
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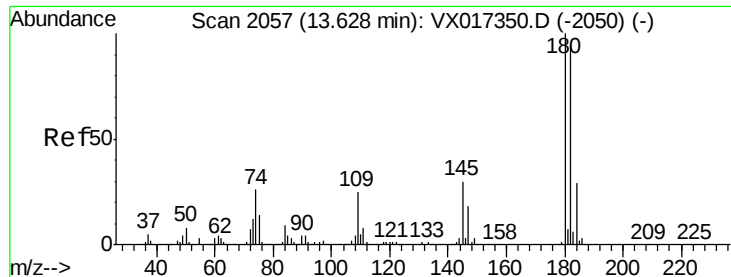
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.299 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	46.5	139.3
157	116.7	58.0	173.9





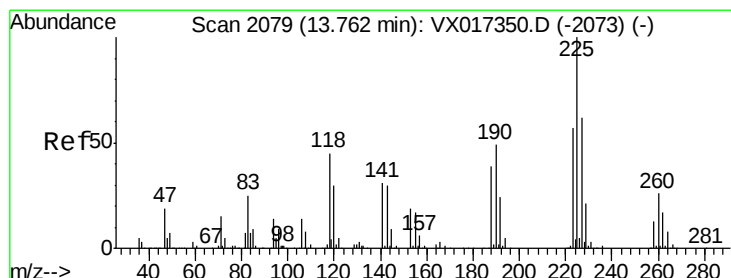
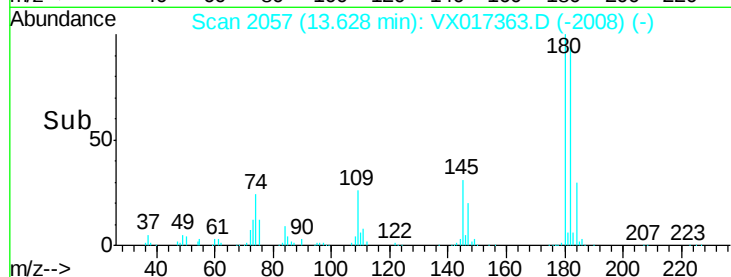
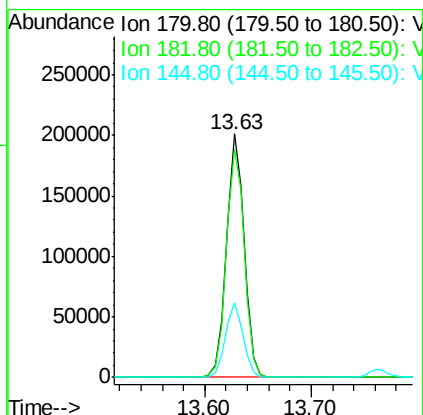
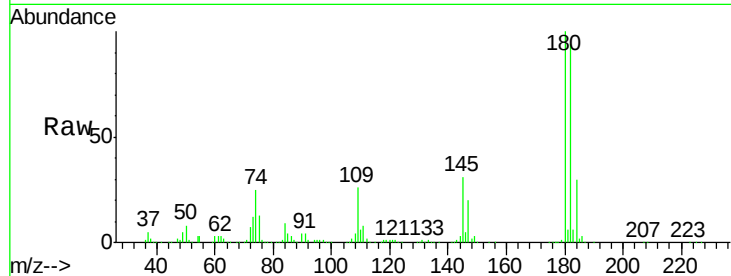
#93
 1,2,4-Trichlorobenzene
 Concen: 48.055 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.0
145	30.6	15.3	45.8

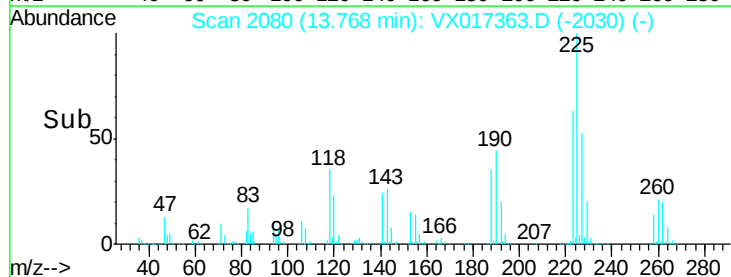
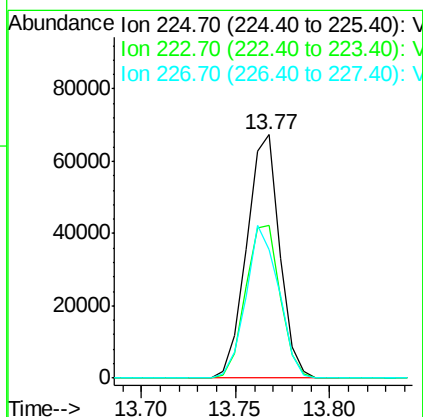
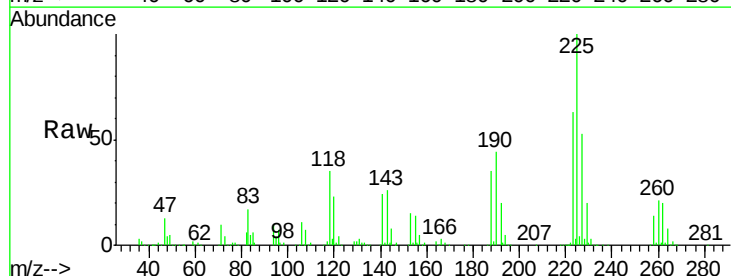
Manual Integrations
 APPROVED

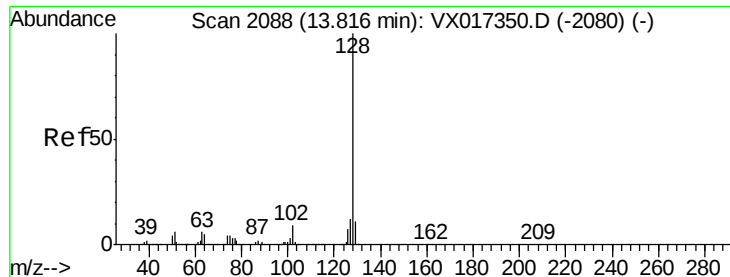
MMDadoda
 7/14/2020 11:36:16 AM



#94
 Hexachlorobutadiene
 Concen: 41.135 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	31.3	93.8
227	62.3	31.6	95.0





#95

Naphthalene

Concen: 54.813 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

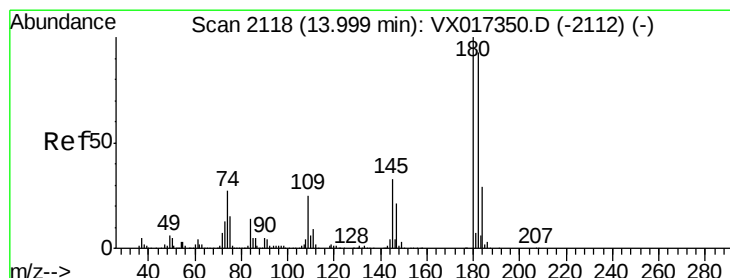
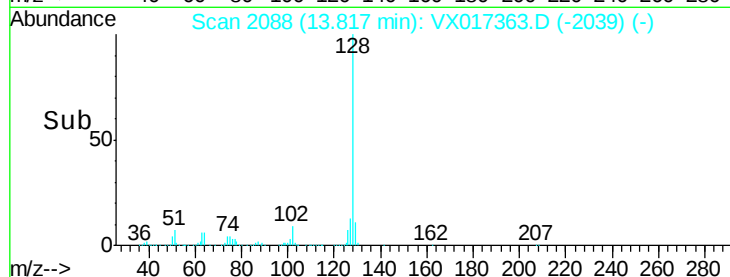
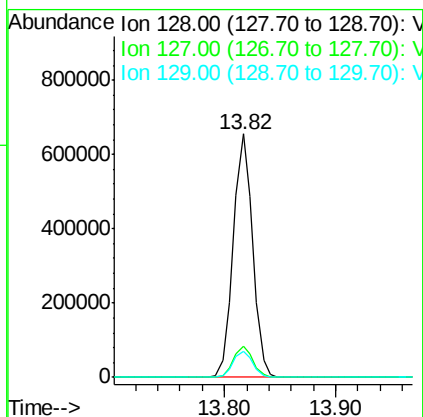
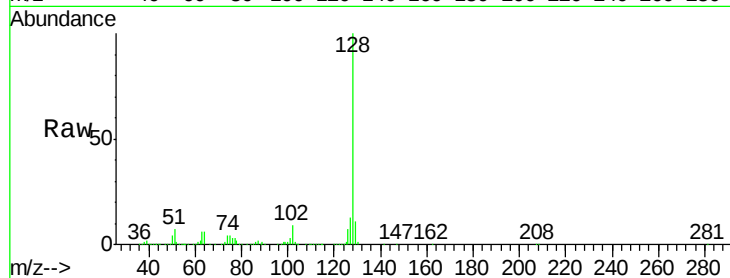
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	784601
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:36:16 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.101 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion:	180	Resp:	240312
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.8	146.3
145	31.9	16.6	49.7

