

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071620\
 Data File : VX017384.D
 Acq On : 16 Jul 2020 11:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:44:08 PM

Quant Time: Jul 17 01:10:23 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	364755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	551908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	523319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	288276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	188119	41.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.18%	
35) Dibromofluoromethane	5.46	113	156460	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	
50) Toluene-d8	8.70	98	561875	41.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.80%	
62) 4-Bromofluorobenzene	11.12	95	216573	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	162056	52.505	ug/l	98
3) Chloromethane	1.31	50	183314	52.756	ug/l	99
4) Vinyl Chloride	1.39	62	180413	52.484	ug/l	97
5) Bromomethane	1.62	94	98432	43.987	ug/l	97
6) Chloroethane	1.71	64	111472	51.375	ug/l	99
7) Trichlorofluoromethane	1.91	101	271892	46.863	ug/l	98
8) Diethyl Ether	2.17	74	102162	49.814	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150242	45.458	ug/l	98
10) Methyl Iodide	2.49	142	208541	47.722	ug/l	99
11) Tert butyl alcohol	3.01	59	184457	239.149	ug/l	99
12) 1,1-Dichloroethene	2.36	96	149896	45.158	ug/l	93
13) Acrolein	2.27	56	78764	186.286	ug/l	100
14) Allyl chloride	2.70	41	302369	52.571	ug/l	95
15) Acrylonitrile	3.11	53	494173	264.296	ug/l	99
16) Acetone	2.42	43	401257	245.683	ug/l	96
17) Carbon Disulfide	2.55	76	492996	50.912	ug/l	100
18) Methyl Acetate	2.75	43	212108	52.581	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	563632	50.007	ug/l	99
20) Methylene Chloride	2.83	84	200028	50.197	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	192908	50.794	ug/l	95
22) Diisopropyl ether	3.82	45	604763	55.199	ug/l	89
23) Vinyl Acetate	3.78	43	2660345	276.098	ug/l	99
24) 1,1-Dichloroethane	3.67	63	331571	51.495	ug/l	99
25) 2-Butanone	4.63	43	663663	255.840	ug/l	99
26) 2,2-Dichloropropane	4.54	77	267713	44.675	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	205267	49.287	ug/l	98
28) Bromochloromethane	4.98	49	153926	51.749	ug/l	92
29) Tetrahydrofuran	5.09	42	437072	260.290	ug/l	96
30) Chloroform	5.17	83	344698	49.758	ug/l	95
31) Cyclohexane	5.54	56	263946	50.073	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	302413	47.221	ug/l	98
36) 1,1-Dichloropropene	5.76	75	246753	48.607	ug/l	99
37) Ethyl Acetate	4.79	43	263642	50.218	ug/l	99
38) Carbon Tetrachloride	5.75	117	275759	46.395	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	265668	48.191	ug/l	96
40) Benzene	6.11	78	736873	50.507	ug/l	100
41) Methacrylonitrile	5.00	41	144672	51.331	ug/l	99
42) 1,2-Dichloroethane	6.16	62	275254	48.560	ug/l	100
43) Isopropyl Acetate	6.41	43	413699	49.314	ug/l	99
44) Trichloroethene	7.19	130	205716	46.162	ug/l	99
45) 1,2-Dichloropropane	7.49	63	198212	53.096	ug/l	98
46) Dibromomethane	7.63	93	136285	50.620	ug/l	95
47) Bromodichloromethane	7.87	83	281599	50.029	ug/l	96
48) Methyl methacrylate	7.74	41	211208	52.465	ug/l	99
49) 1,4-Dioxane	7.71	88	88051	1068.809	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1326295	259.286	ug/l	99
52) Toluene	8.76	92	470760	50.282	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	295660	48.757	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	322039	49.792	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	199366	51.067	ug/l	98
56) Ethyl methacrylate	9.16	69	285373	51.487	ug/l	99
57) 1,3-Dichloropropane	9.35	76	325777	50.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	715133	254.107	ug/l	97
59) 2-Hexanone	9.47	43	988507	256.042	ug/l	98
60) Dibromochloromethane	9.57	129	228282	47.864	ug/l	99
61) 1,2-Dibromoethane	9.65	107	211784	49.867	ug/l	99
64) Tetrachloroethene	9.32	164	209813	46.322	ug/l	97
65) Chlorobenzene	10.12	112	510715	48.022	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	198756	46.941	ug/l	98
67) Ethyl Benzene	10.23	91	868757	49.070	ug/l	97
68) m/p-Xylenes	10.34	106	676248	100.391	ug/l	98
69) o-Xylene	10.68	106	317138	49.271	ug/l	98
70) Styrene	10.70	104	578722	52.378	ug/l	97
71) Bromoform	10.84	173	173093	48.446	ug/l #	98
73) Isopropylbenzene	11.00	105	849369	47.002	ug/l	99
74) N-amyl acetate	10.88	43	374269	51.756	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	278270	50.716	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	267451m	50.208	ug/l	
77) Bromobenzene	11.24	156	228650	44.425	ug/l	92
78) n-propylbenzene	11.34	91	1000484	49.296	ug/l	100
79) 2-Chlorotoluene	11.40	91	597272	47.756	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	738175	48.121	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	99852	47.552	ug/l	97
82) 4-Chlorotoluene	11.49	91	721589	48.683	ug/l	100
83) tert-Butylbenzene	11.76	119	694101	46.808	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	757934	48.907	ug/l	99
85) sec-Butylbenzene	11.93	105	843238	48.572	ug/l	99
86) p-Isopropyltoluene	12.05	119	799994	48.701	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	421180	45.744	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	424603	45.646	ug/l	99
89) n-Butylbenzene	12.37	91	699251	49.913	ug/l	99
90) Hexachloroethane	12.58	117	152991	49.058	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	403436	46.627	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61931	42.776	ug/l	96

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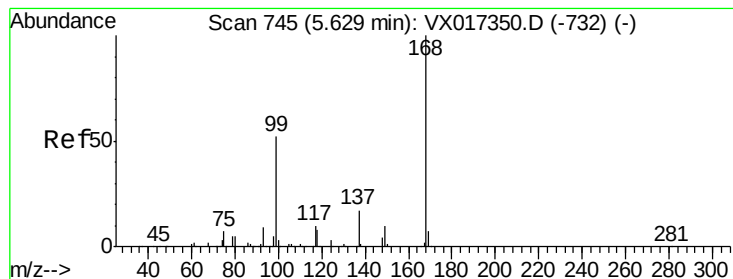
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	268083	44.634	ug/l	97
94) Hexachlorobutadiene	13.76	225	113811	46.464	ug/l	98
95) Naphthalene	13.82	128	841812	47.668	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	267401	46.088	ug/l	96

(#) = 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: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 364755

Ion Ratio Lower Upper

168 100

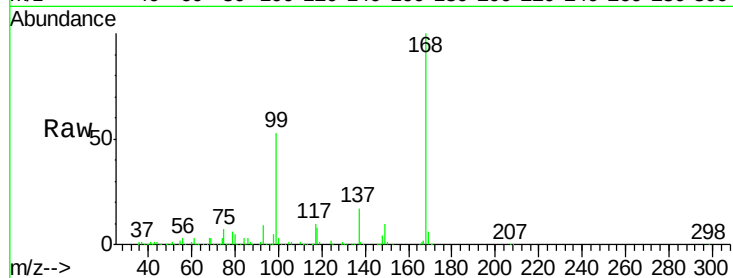
99 53.2 41.6 62.4

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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

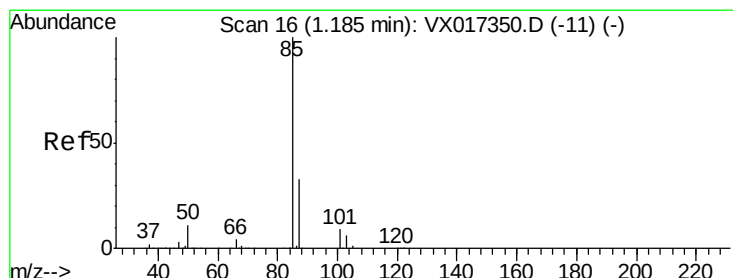
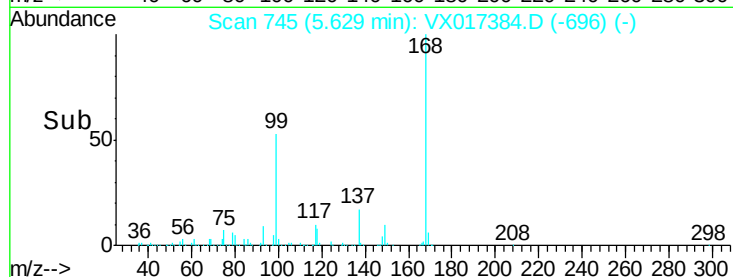
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.505 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017384.D

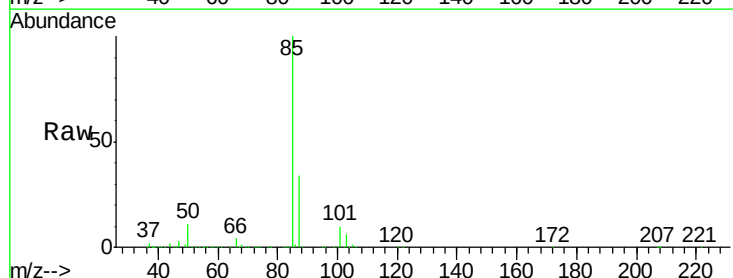
Acq: 16 Jul 2020 11:39

Tgt Ion: 85 Resp: 162056

Ion Ratio Lower Upper

85 100

87 33.6 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

200000

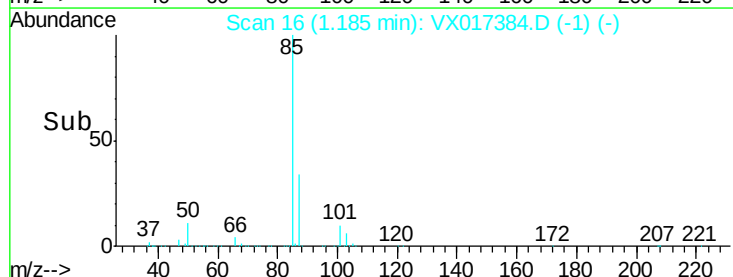
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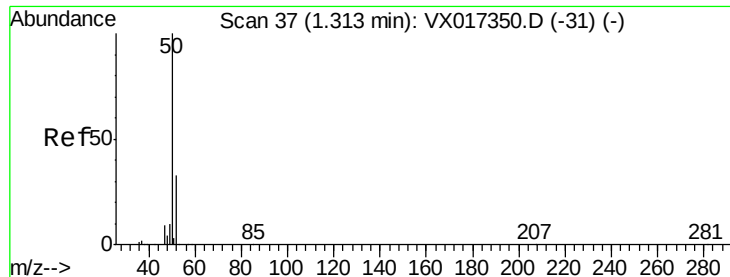
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50000

0

Time-->





#3

Chloromethane

Concen: 52.756 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 183314

Ion Ratio Lower Upper

50 100

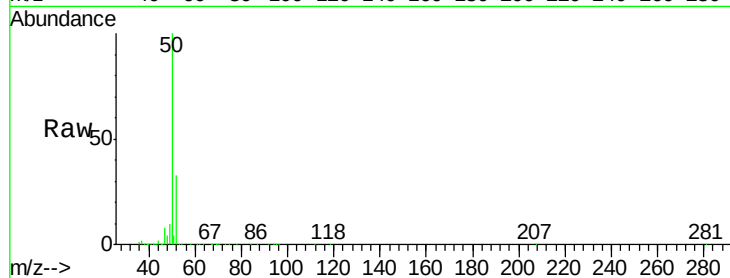
52 32.7 26.7 40.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

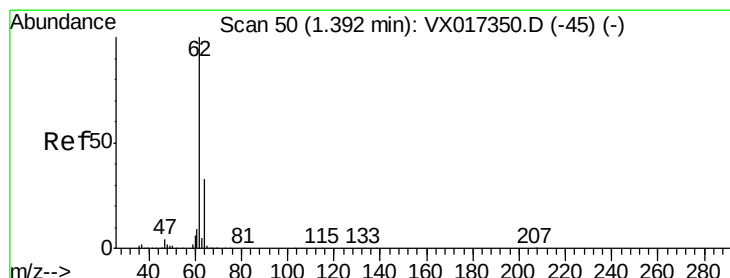
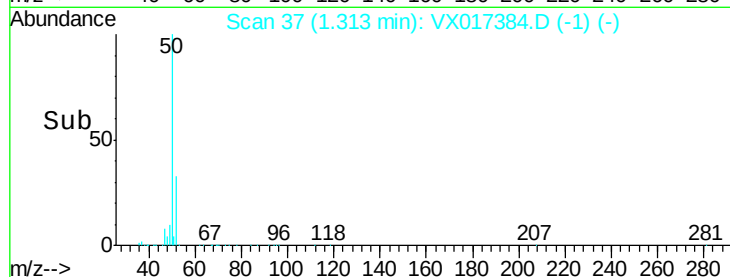
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.484 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017384.D

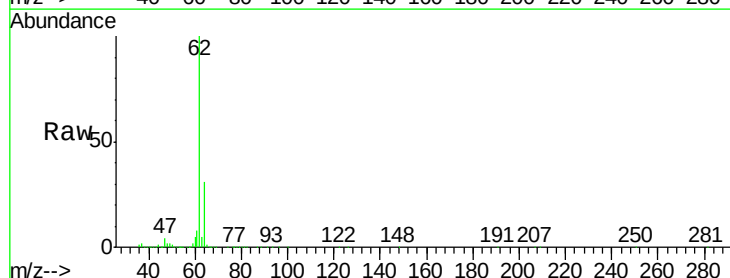
Acq: 16 Jul 2020 11:39

Tgt Ion: 62 Resp: 180413

Ion Ratio Lower Upper

62 100

64 31.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

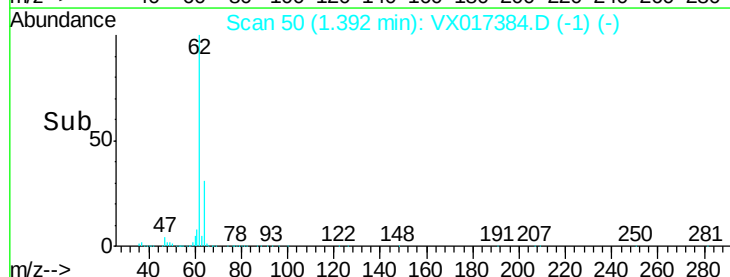
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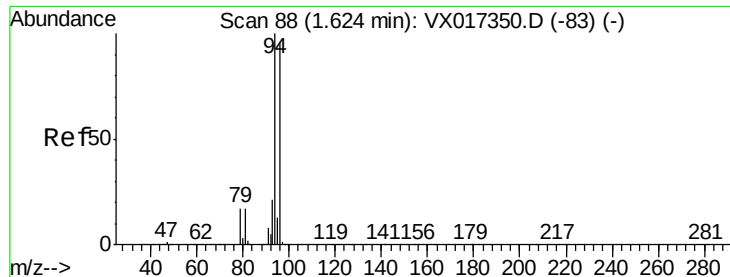
100000

50000

0

Time-->





#5

Bromomethane

Concen: 43.987 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 98432

Ion Ratio Lower Upper

94 100

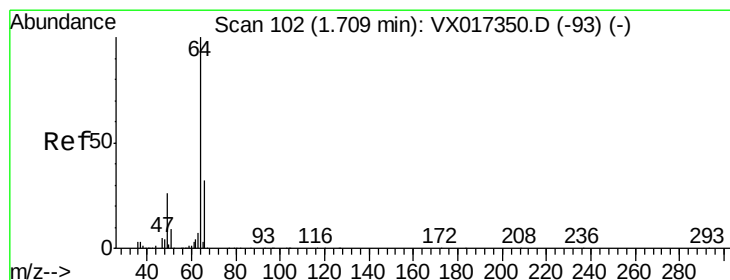
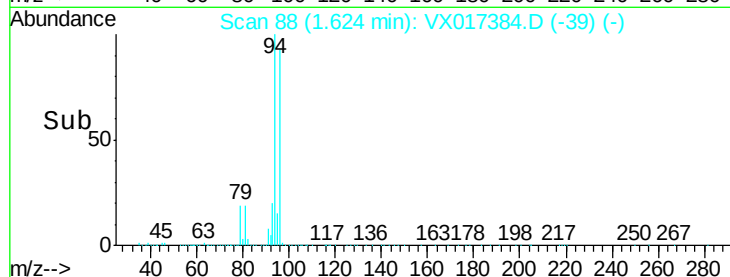
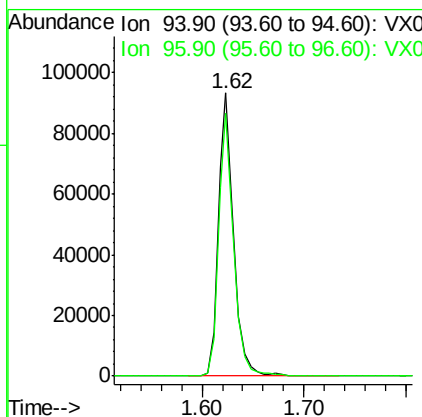
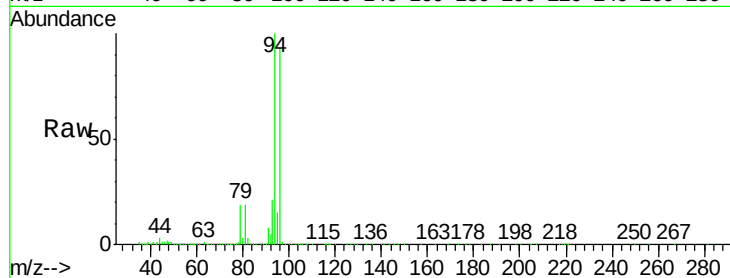
96 93.0 76.6 115.0

Manual Integrations

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#6

Chloroethane

Concen: 51.375 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017384.D

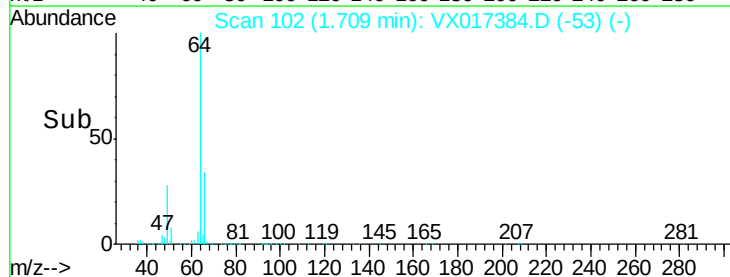
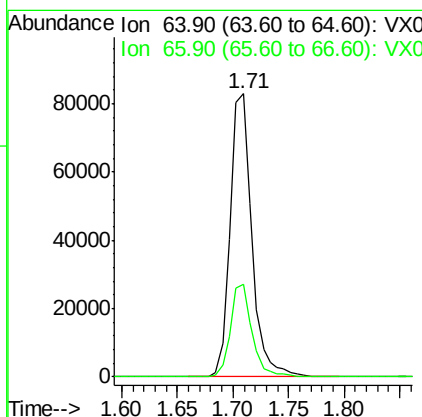
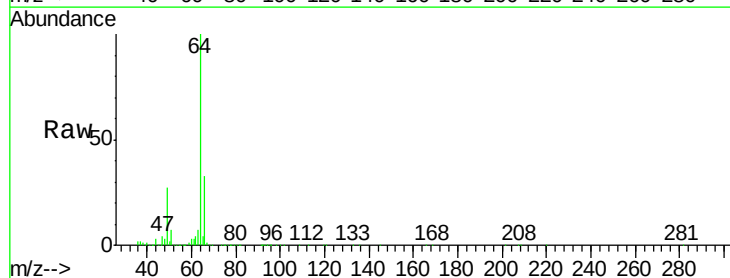
Acq: 16 Jul 2020 11:39

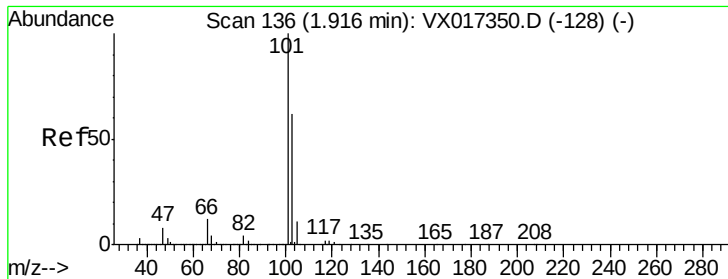
Tgt Ion: 64 Resp: 111472

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5





#7

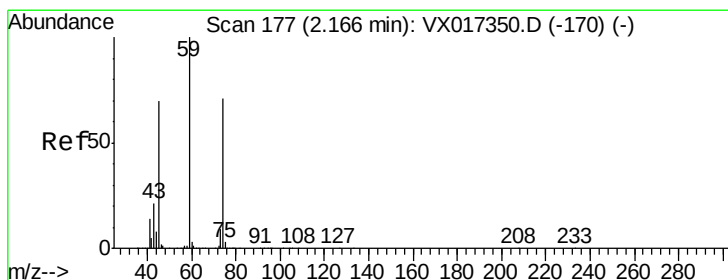
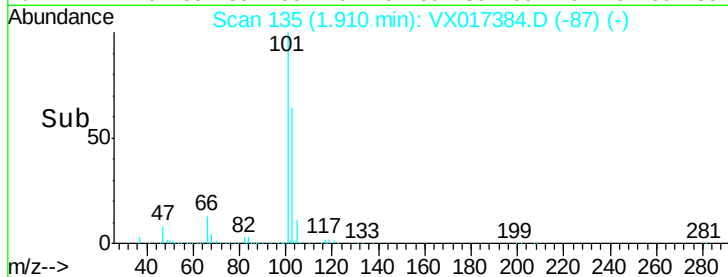
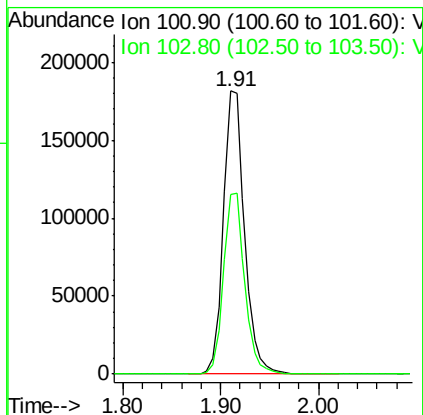
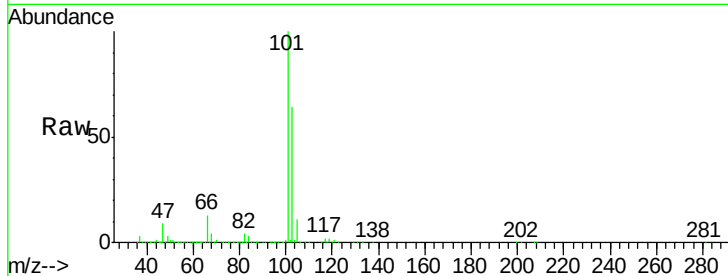
Trichlorofluoromethane
Concen: 46.863 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.6	74.4

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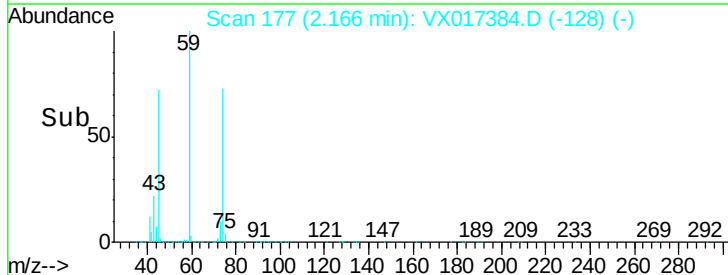
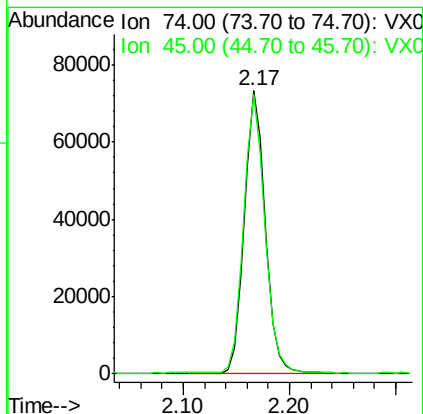
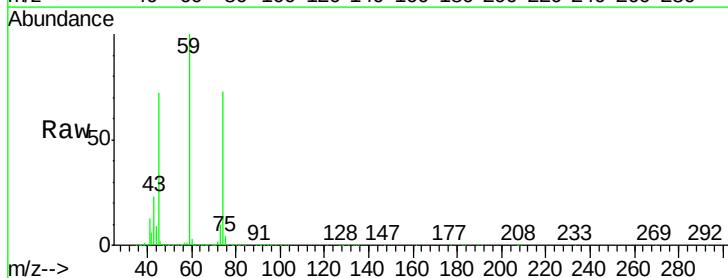
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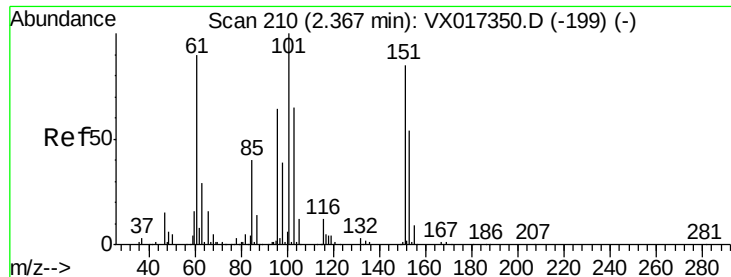


#8

Diethyl Ether
Concen: 49.814 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.458 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

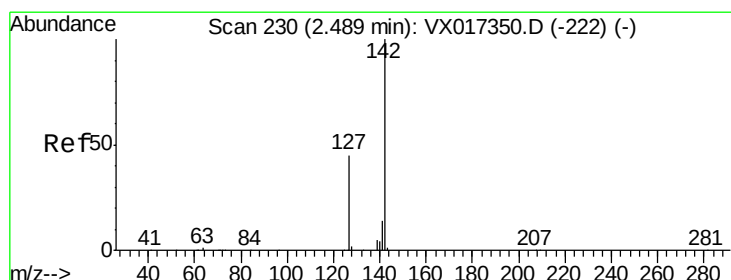
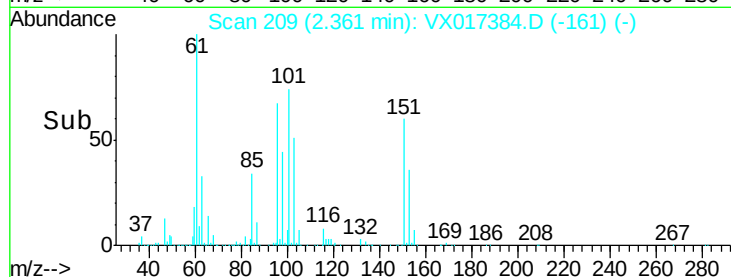
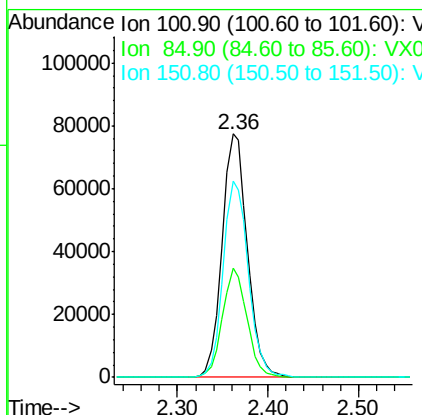
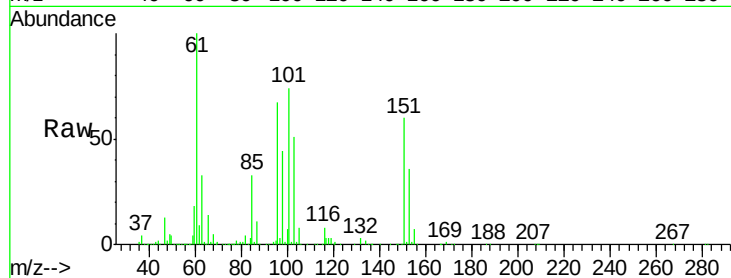
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	150242
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.7	50.5
151	80.7	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 47.722 ug/l

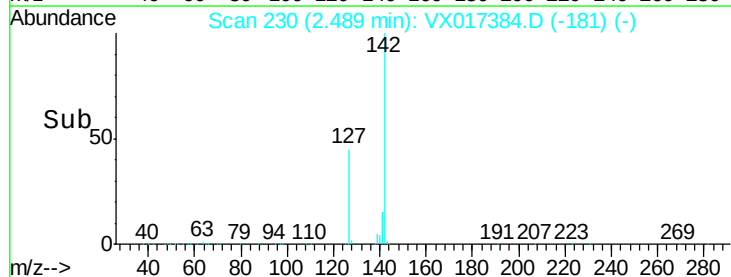
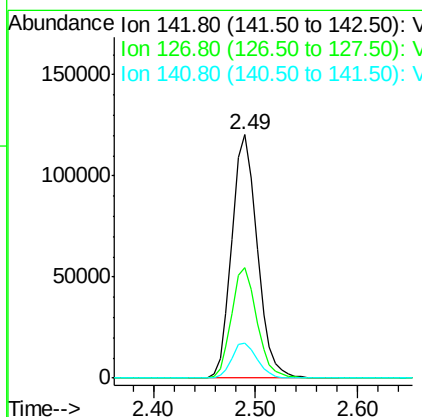
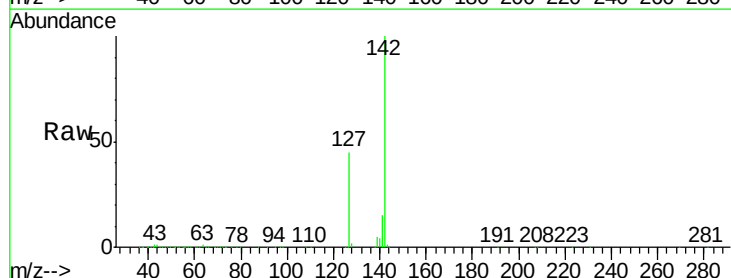
RT: 2.49 min Scan# 230

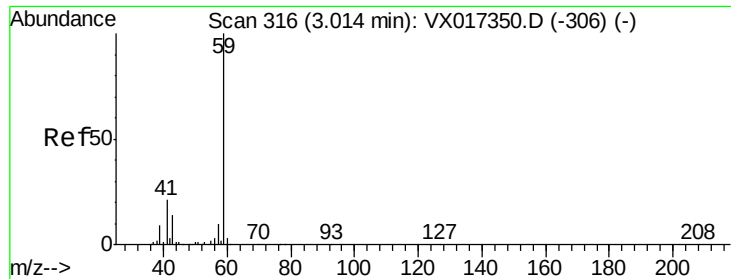
Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion:	142	Resp:	208541
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.8	55.2
141	14.5	11.4	17.0





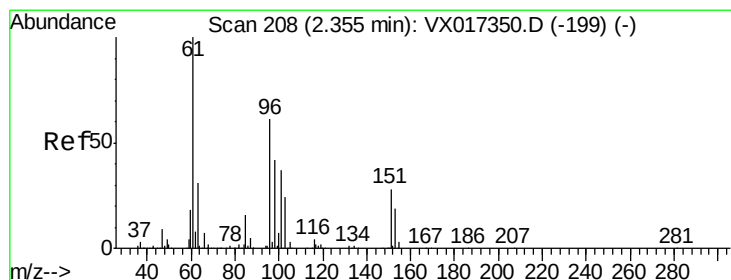
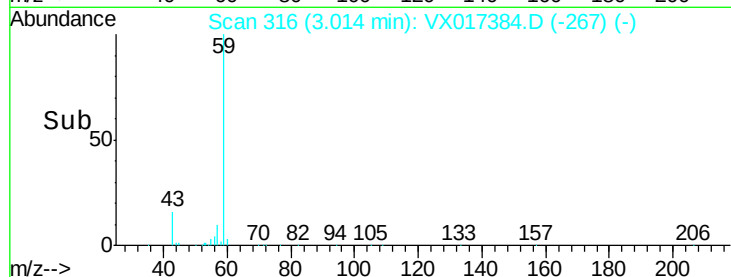
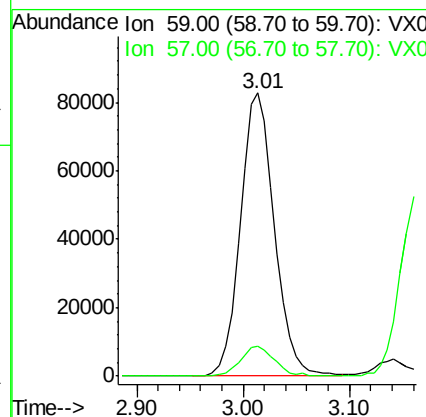
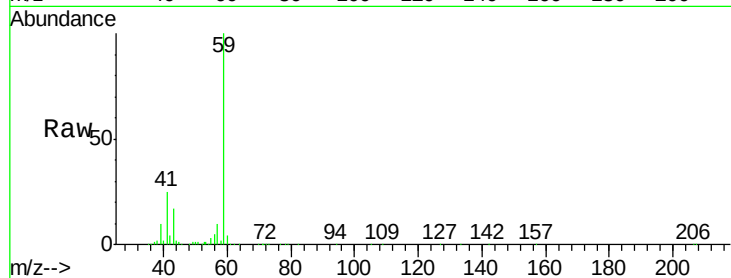
#11
Tert butyl alcohol
Concen: 239.149 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.3	12.5

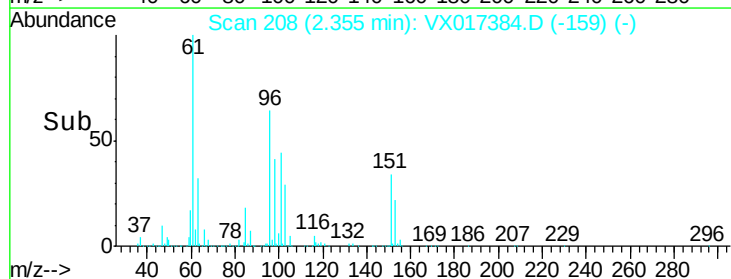
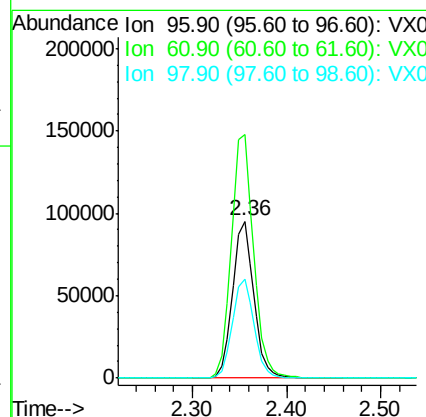
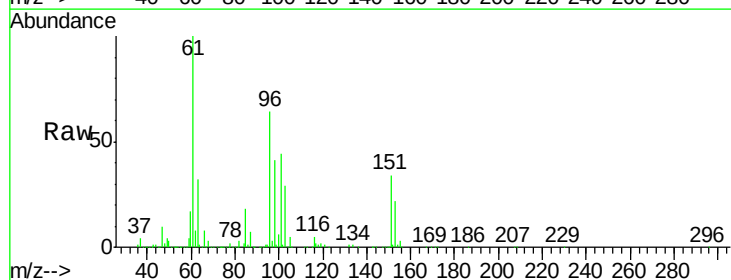
Manual Integrations
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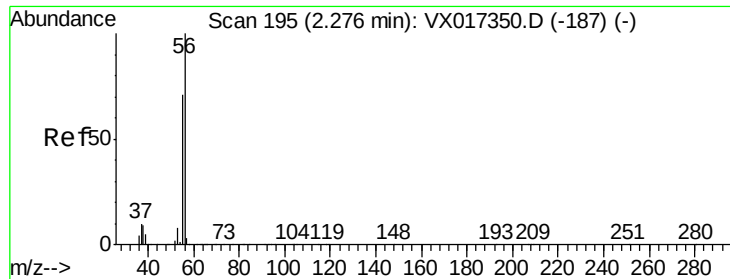
MMDadoda
7/17/2020 4:44:08 PM



#12
1,1-Dichloroethene
Concen: 45.158 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	131.5	197.3
98	63.1	55.1	82.7





#13

Acrolein

Concen: 186.286 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 78764

Ion Ratio Lower Upper

56 100

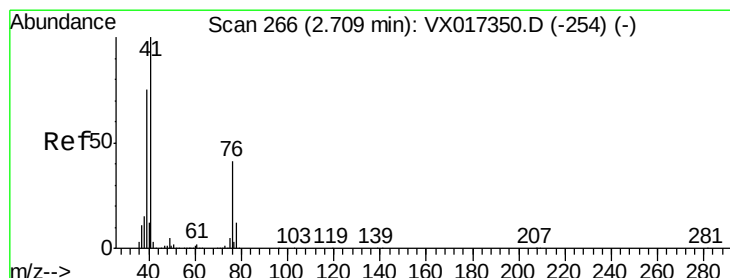
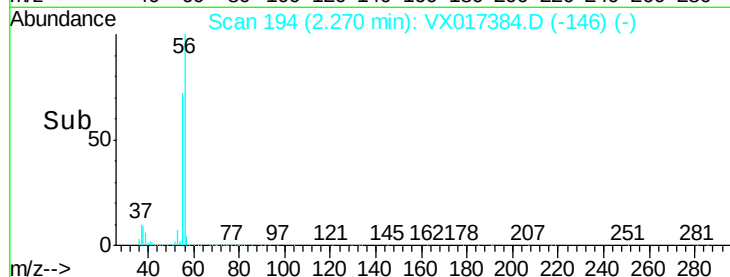
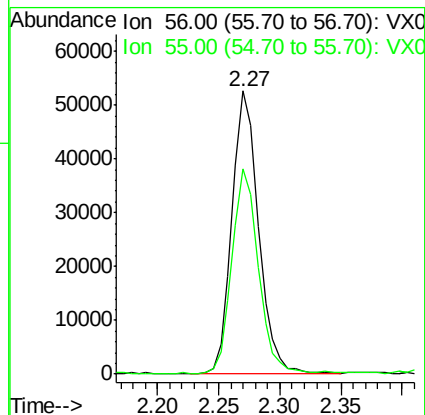
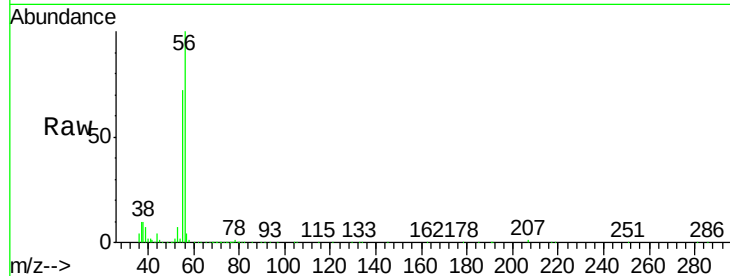
55 71.6 57.1 85.7

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#14

Allyl chloride

Concen: 52.571 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

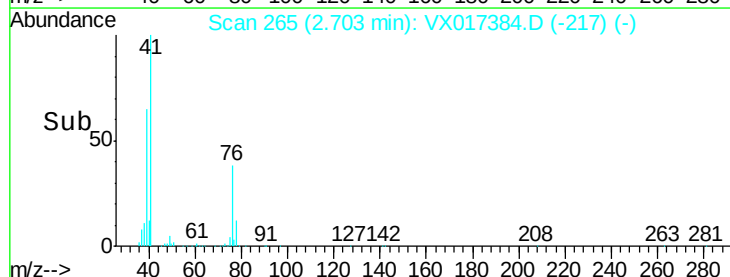
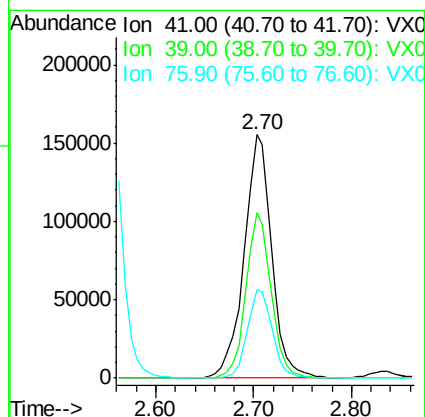
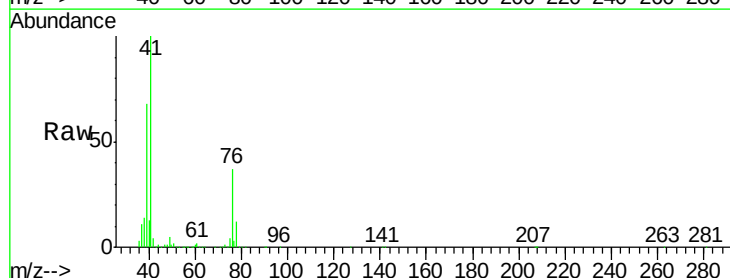
Tgt Ion: 41 Resp: 302369

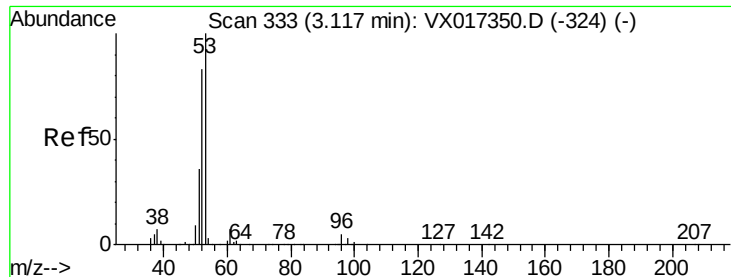
Ion Ratio Lower Upper

41 100

39 62.1 53.0 79.4

76 33.2 28.2 42.2





#15

Acrylonitrile

Concen: 264.296 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

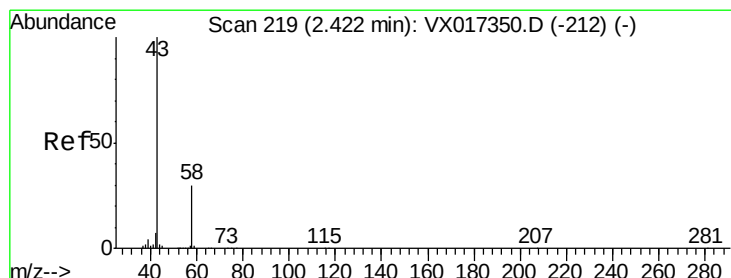
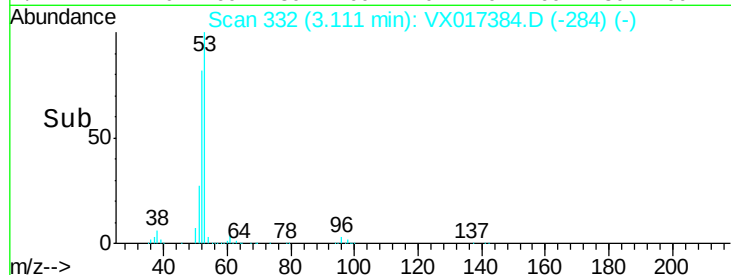
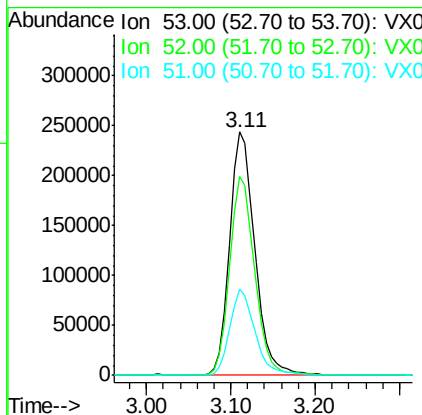
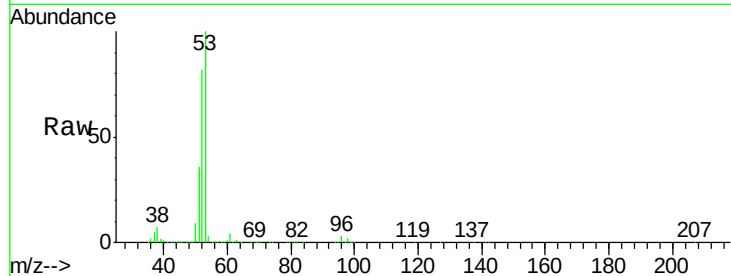
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	494173
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.8	98.6
51	35.5	29.2	43.8

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#16

Acetone

Concen: 245.683 ug/l

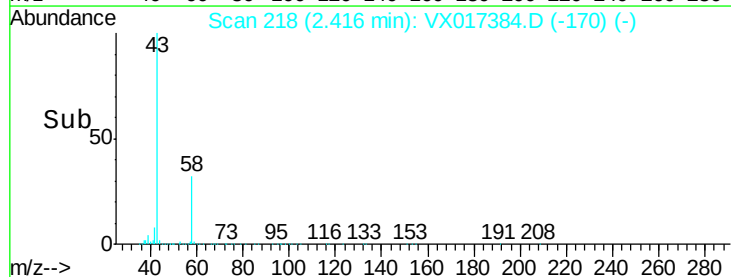
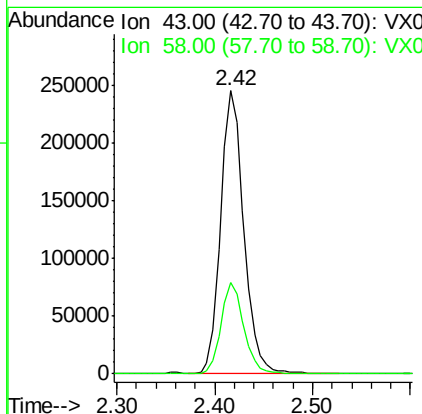
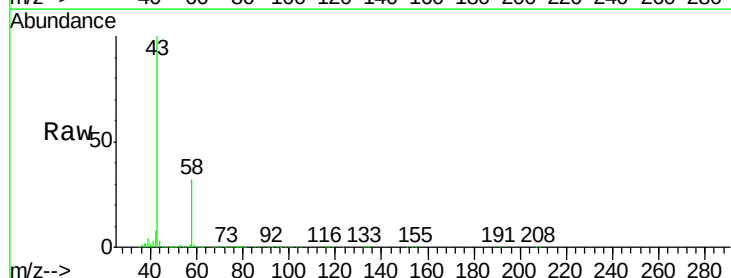
RT: 2.42 min Scan# 218

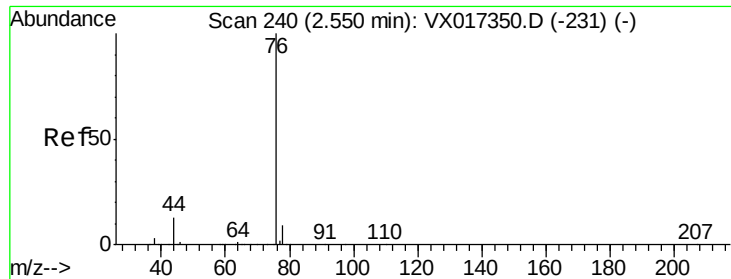
Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion:	43	Resp:	401257
Ion Ratio	Lower	Upper	
43	100		
58	32.4	24.2	36.2





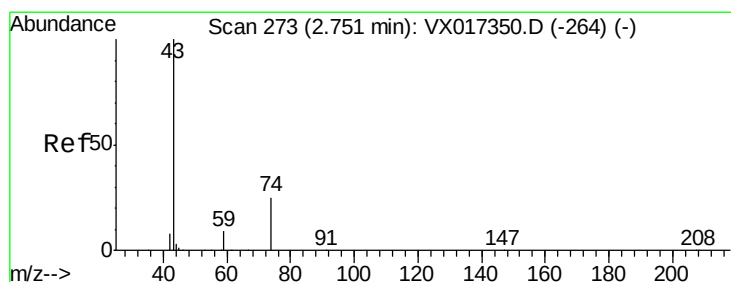
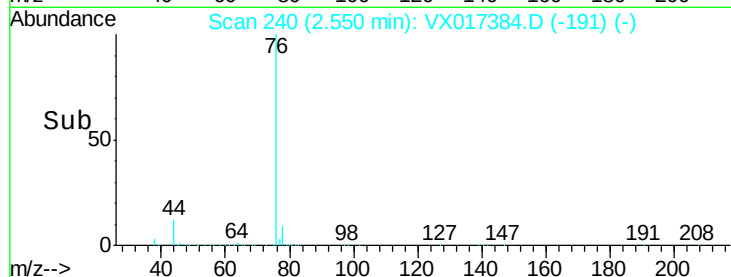
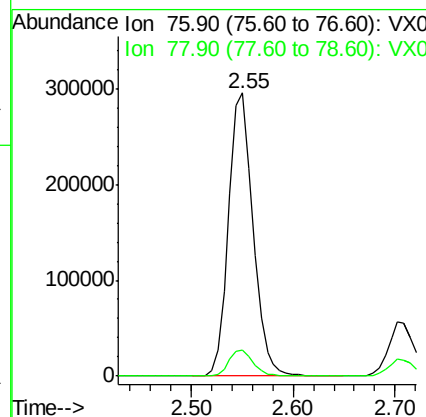
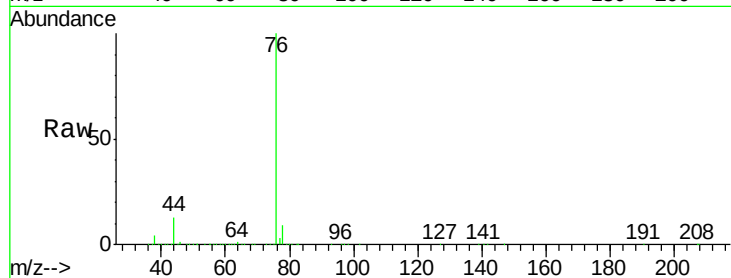
#17
Carbon Disulfide
Concen: 50.912 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

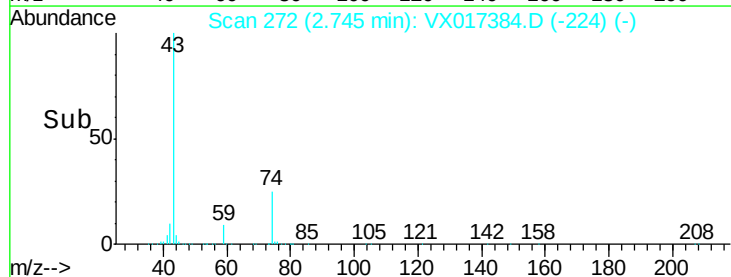
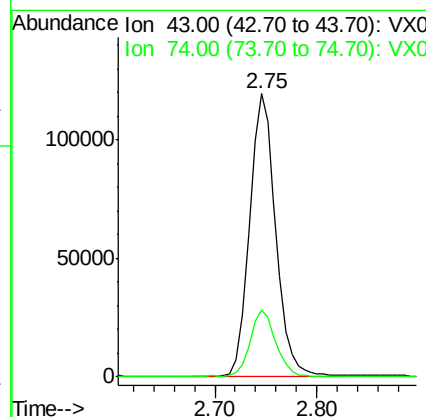
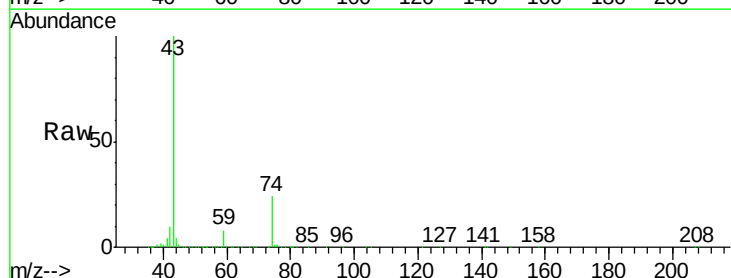
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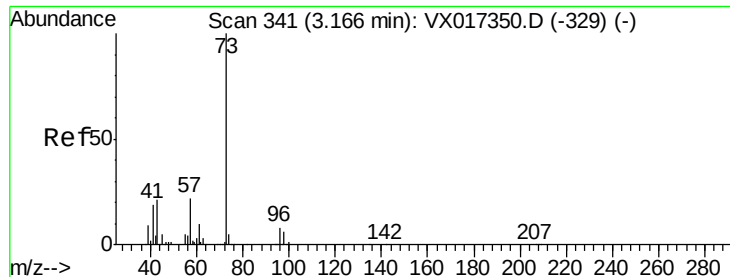
MMDadoda
7/17/2020 4:44:08 PM



#18
Methyl Acetate
Concen: 52.581 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





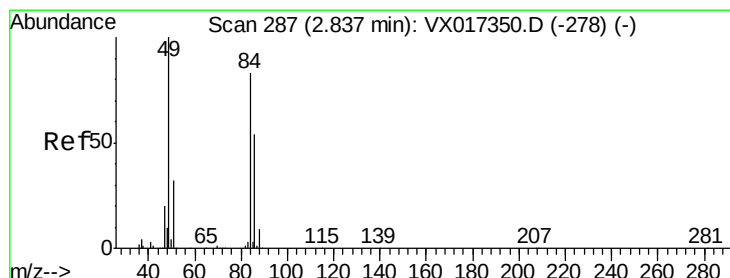
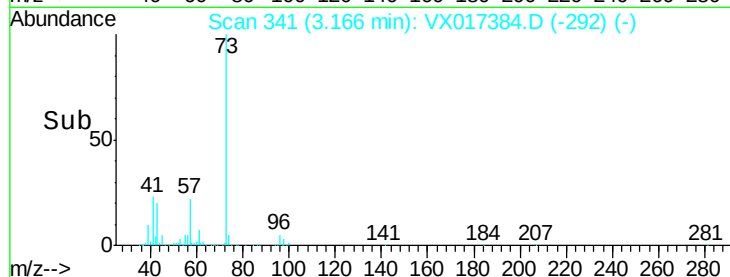
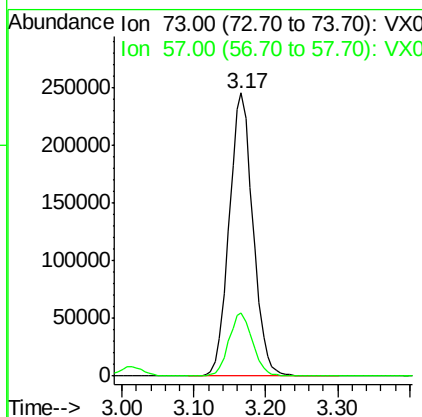
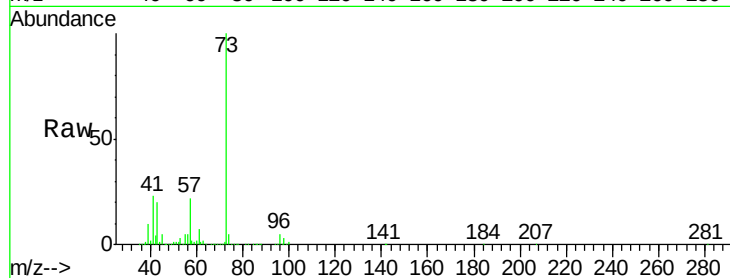
#19
Methyl tert-butyl Ether
Concen: 50.007 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.5	26.3

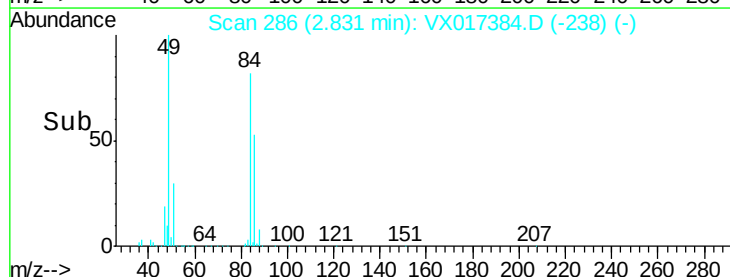
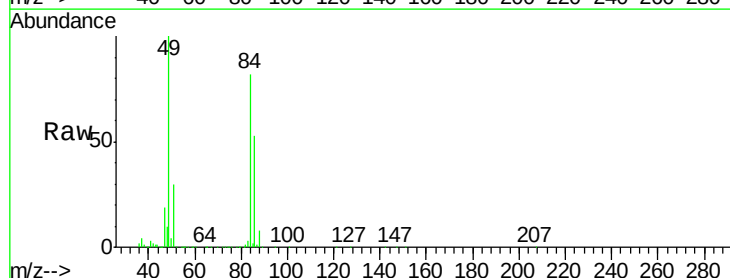
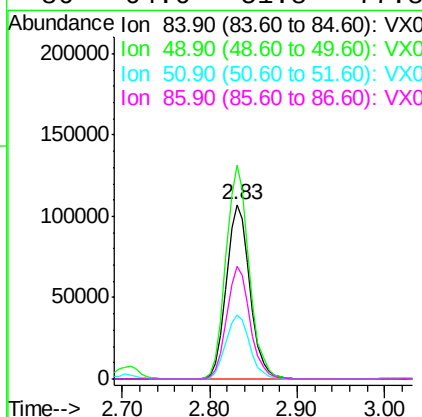
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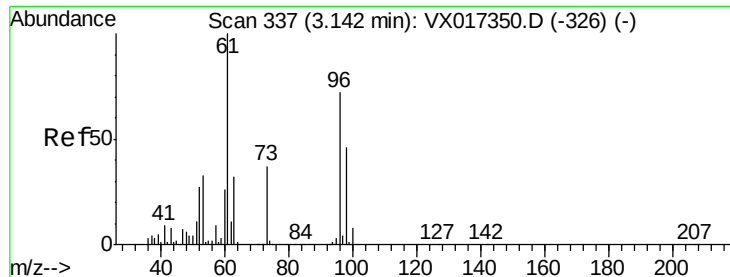
MMDadoda
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#20
Methylene Chloride
Concen: 50.197 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.3	95.8	143.8
51	36.4	31.0	46.4
86	64.6	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 50.794 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 192908

Ion Ratio Lower Upper

96 100

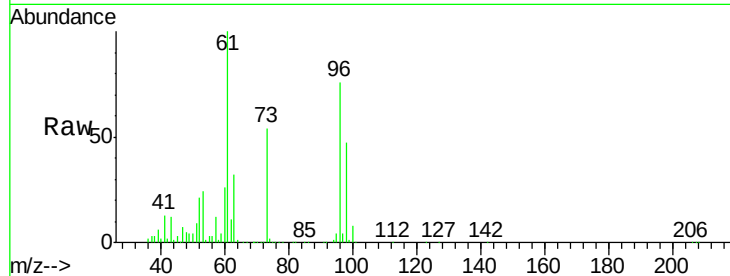
61 131.5 111.1 166.7

98 61.9 51.4 77.0

Manual Integrations
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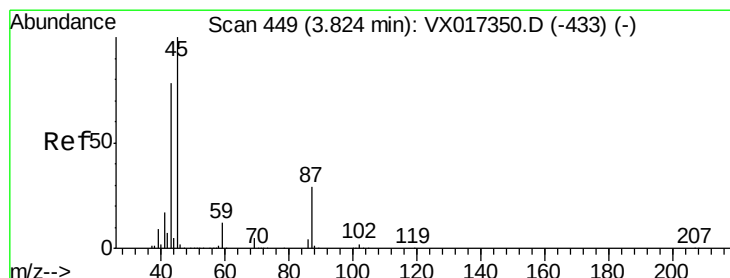
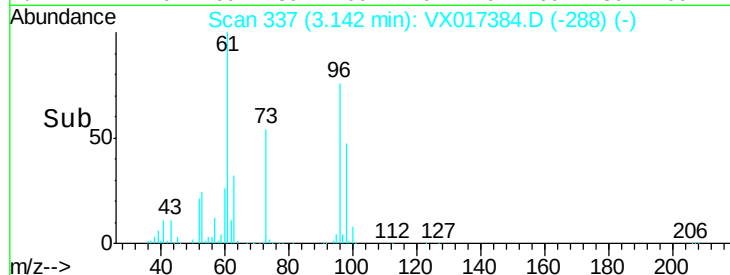
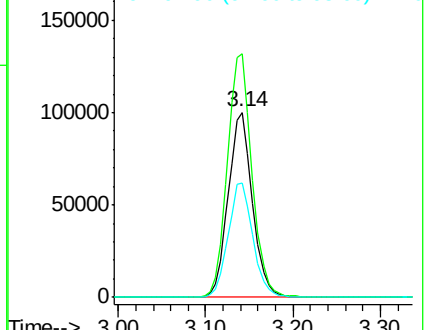
7/17/2020 4:44:08 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.199 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion: 45 Resp: 604763

Ion Ratio Lower Upper

45 100

43 64.6 62.2 93.2

87 27.1 23.0 34.6

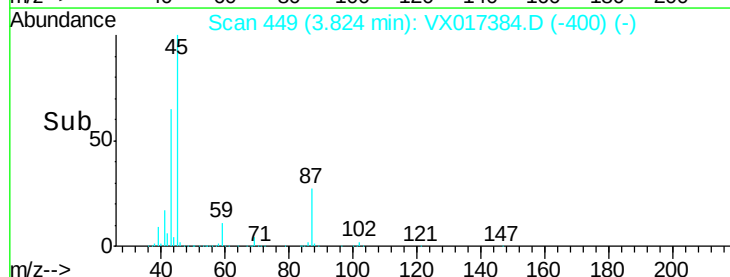
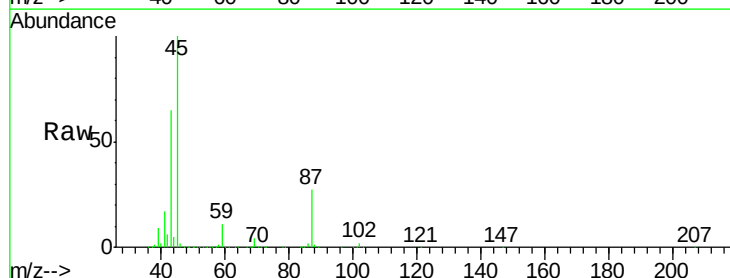
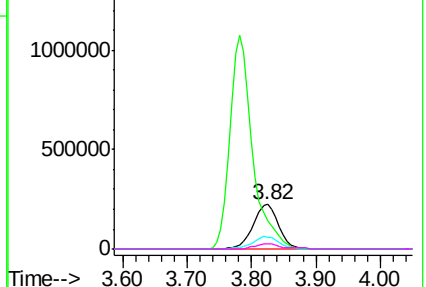
59 11.2 9.6 14.4

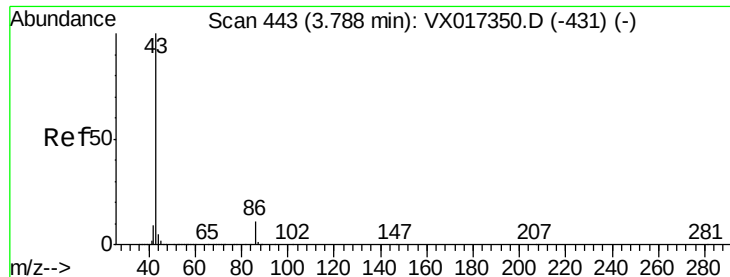
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 276.098 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2660345

Ion Ratio Lower Upper

43 100

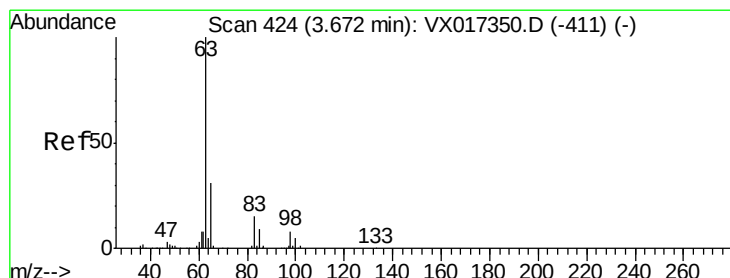
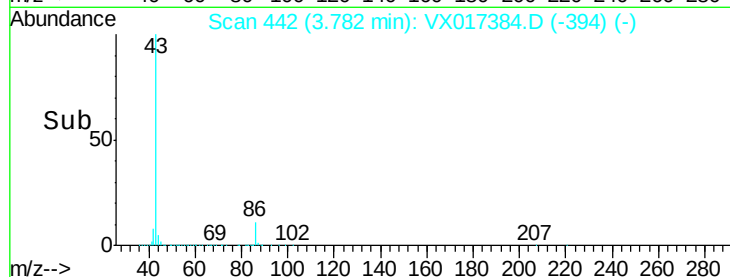
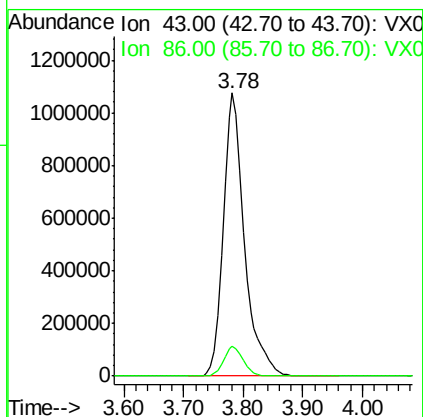
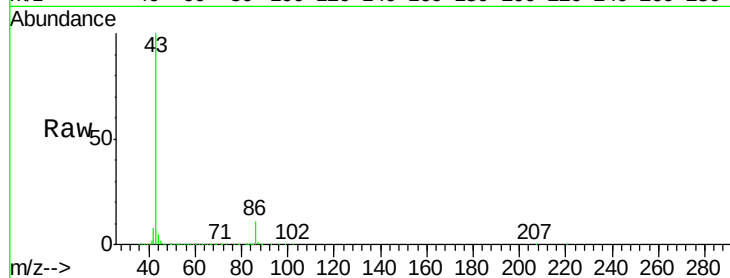
86 10.8 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 51.495 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

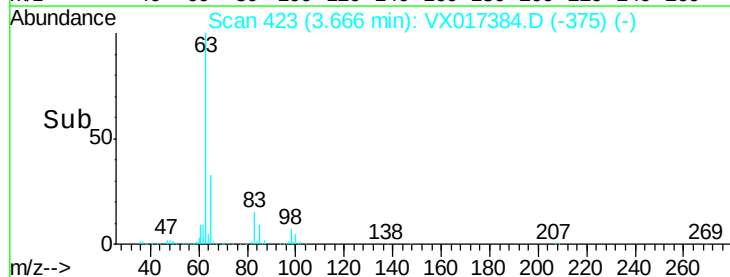
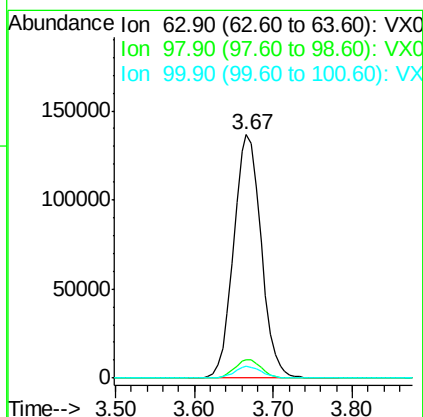
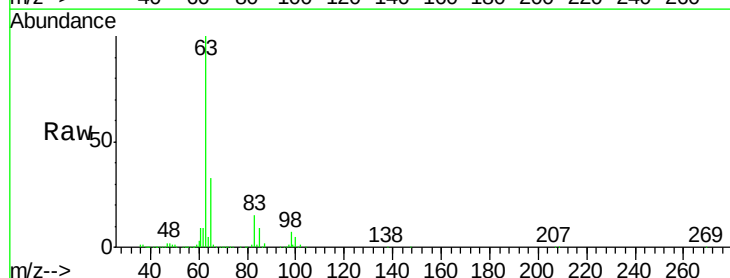
Tgt Ion: 63 Resp: 331571

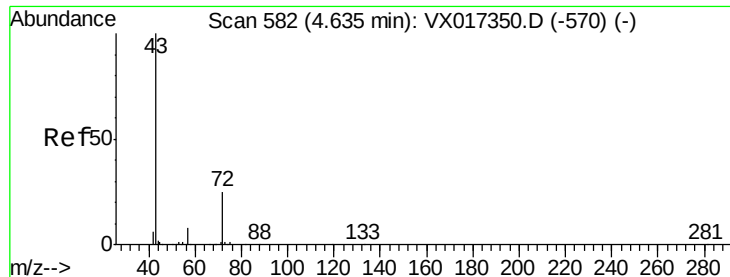
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 255.840 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 663663

Ion Ratio Lower Upper

43 100

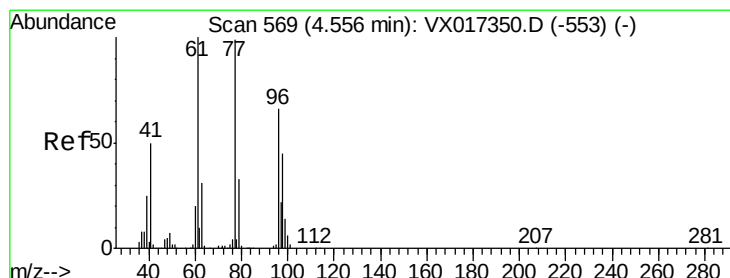
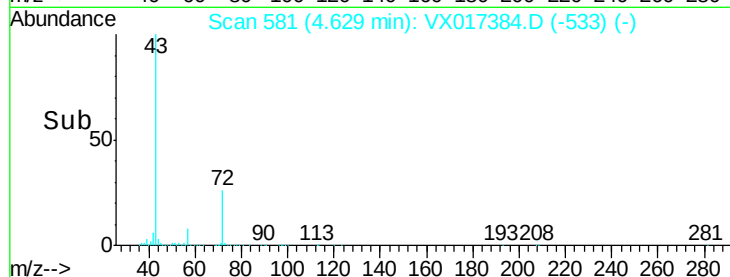
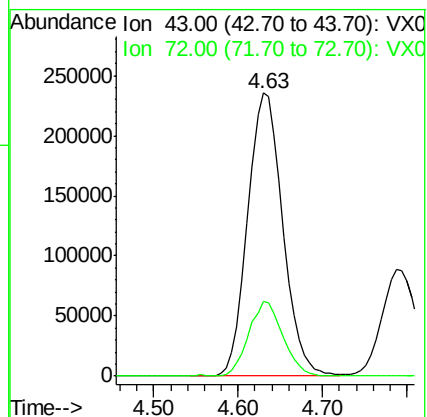
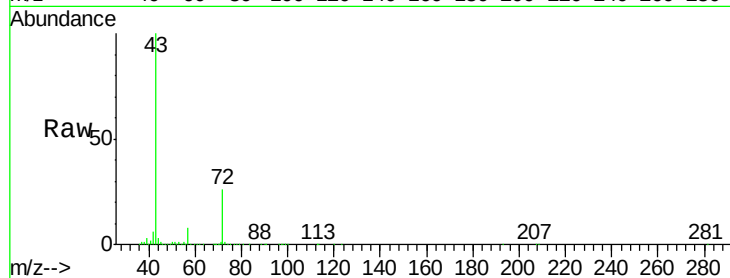
72 26.2 20.4 30.6

Manual Integrations

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7/17/2020 4:44:08 PM



#26

2,2-Dichloropropane

Concen: 44.675 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017384.D

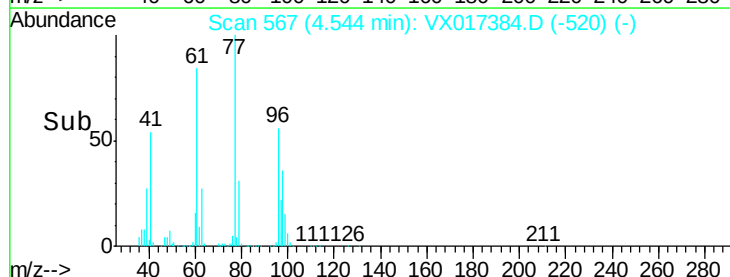
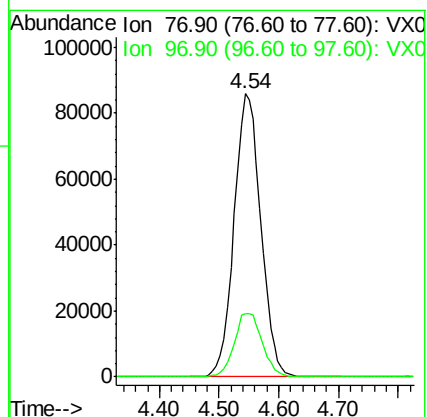
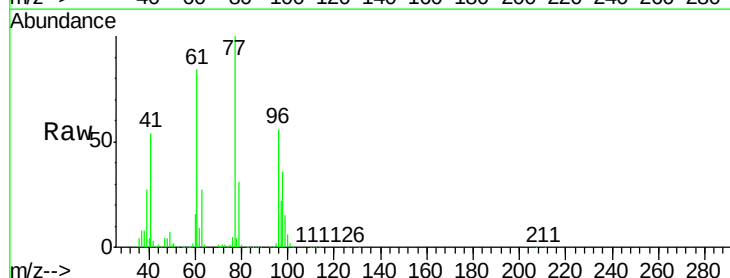
Acq: 16 Jul 2020 11:39

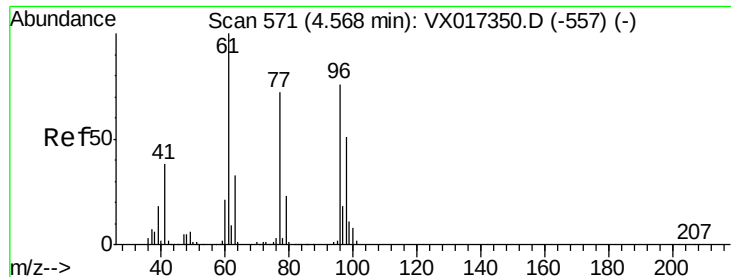
Tgt Ion: 77 Resp: 267713

Ion Ratio Lower Upper

77 100

97 23.4 11.1 33.3





#27

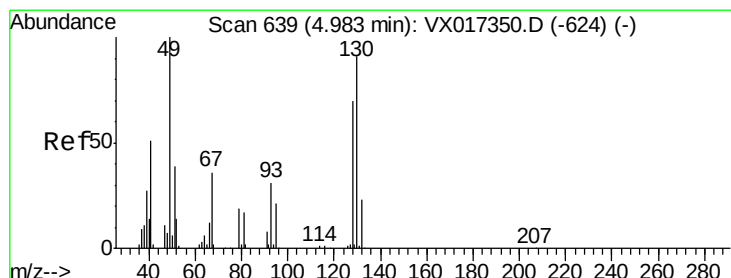
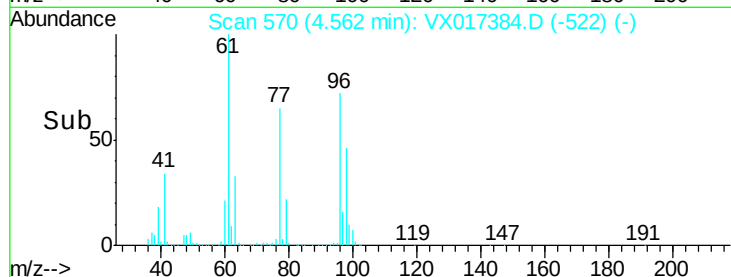
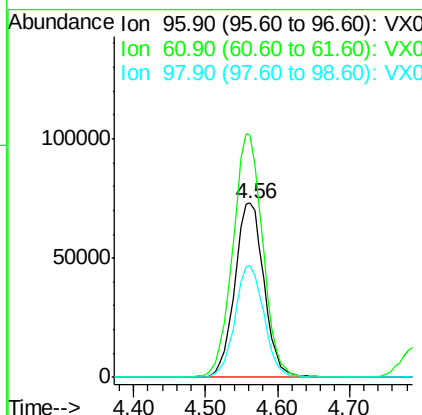
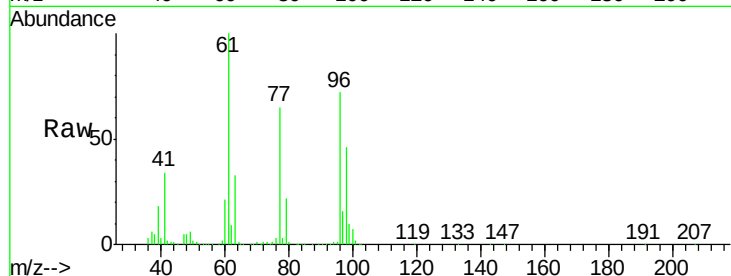
cis-1,2-Dichloroethene
 Concen: 49.287 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.7	0.0	281.2	
98	63.7	0.0	131.4	

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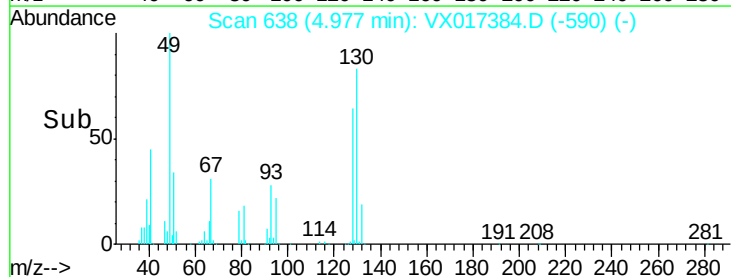
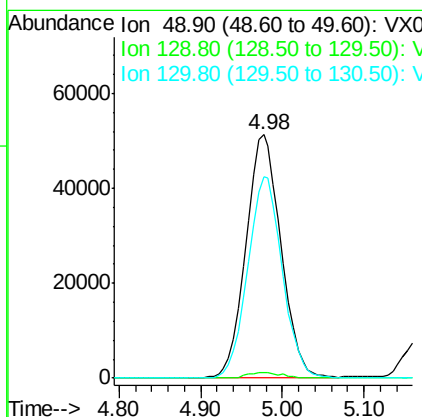
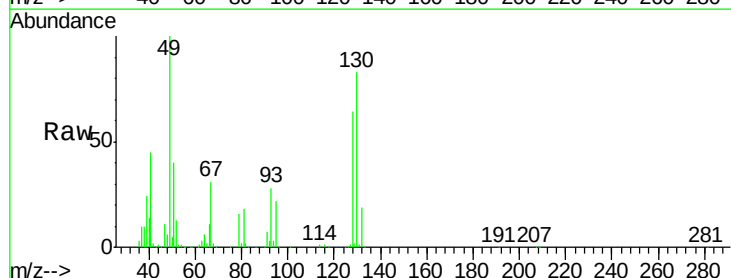
MMDadoda
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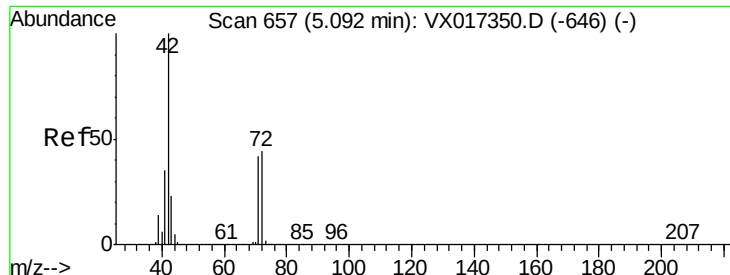


#28

Bromochloromethane
 Concen: 51.749 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.8	
130	81.5	71.1	106.7	





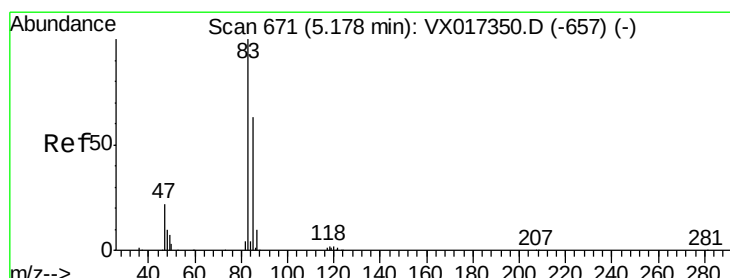
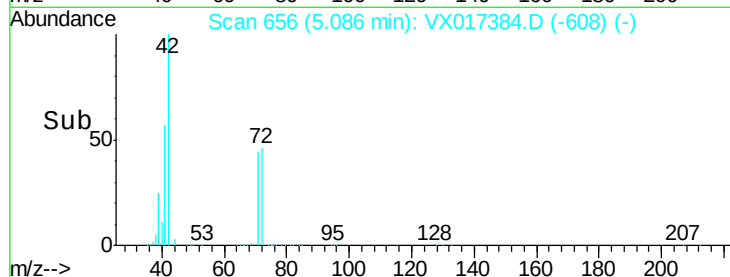
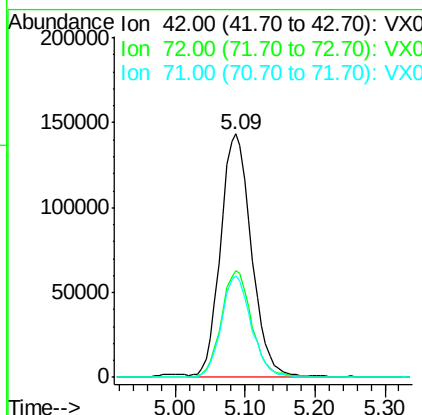
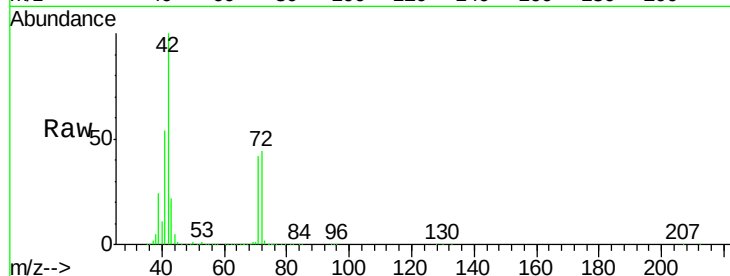
#29
Tetrahydrofuran
Concen: 260.290 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100	437072		
72	43.8		37.2	55.8
71	40.5		34.4	51.6

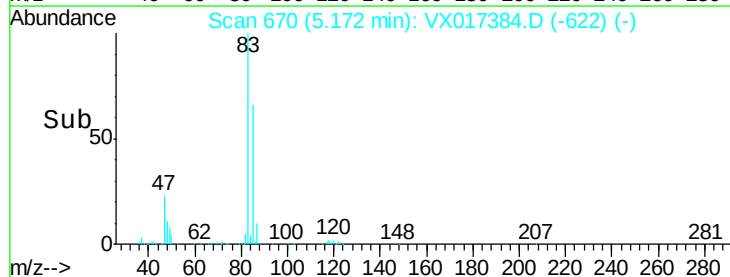
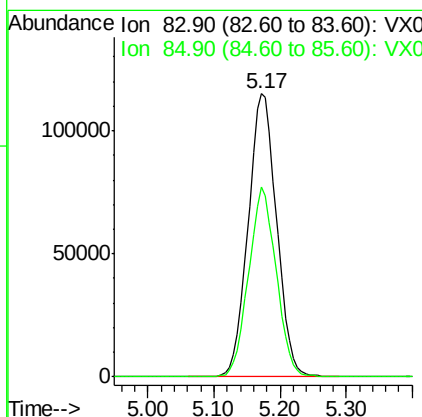
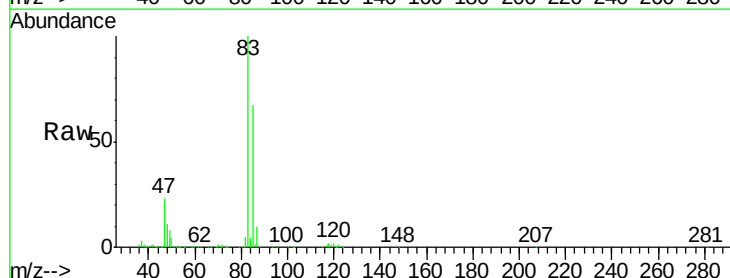
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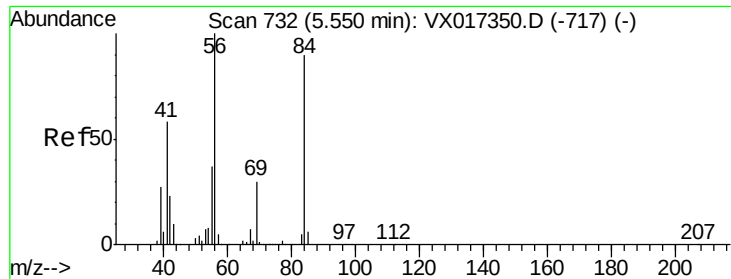
MMDadoda
7/17/2020 4:44:08 PM



#30
Chloroform
Concen: 49.758 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	344698		
85	67.0		50.2	75.4





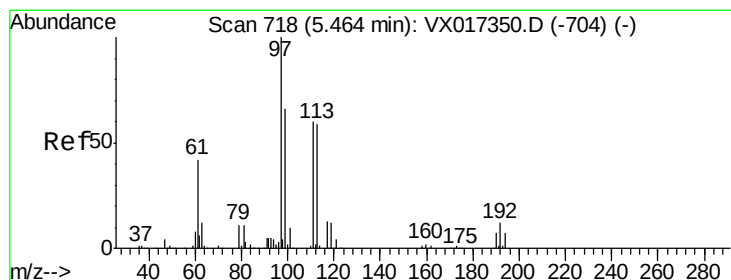
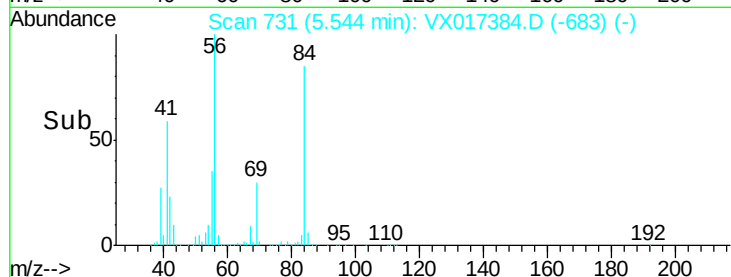
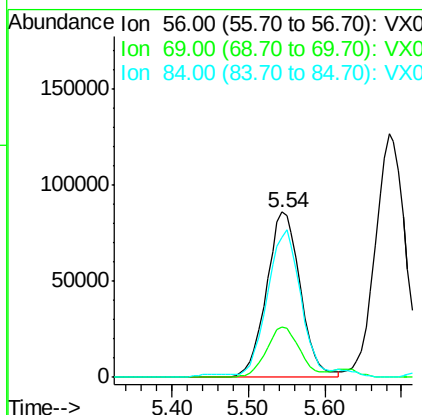
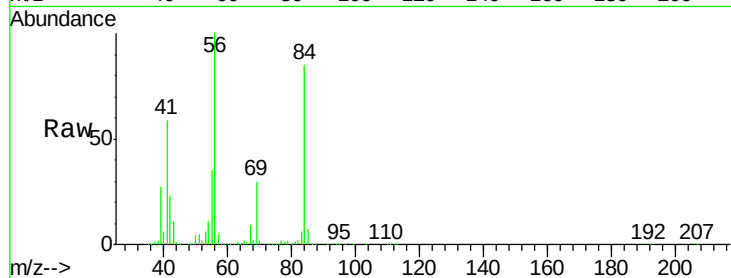
#31
Cyclohexane
Concen: 50.073 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	84.2	71.8	107.6

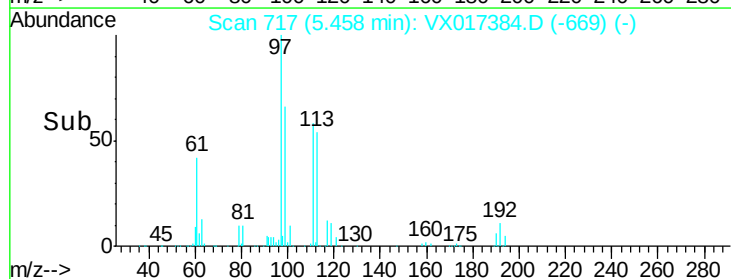
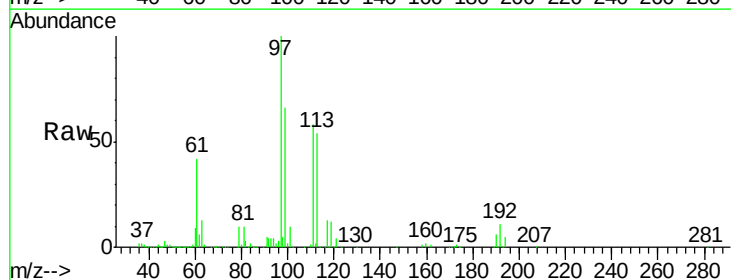
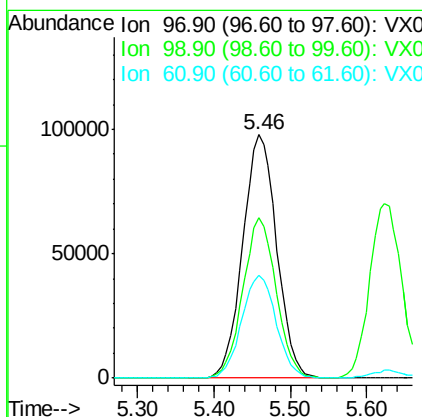
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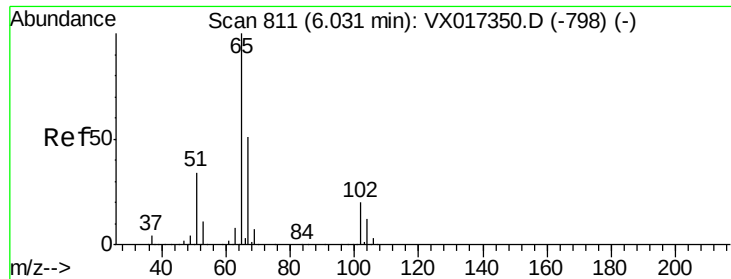
MMDadoda
7/17/2020 4:44:08 PM



#32
1,1,1-Trichloroethane
Concen: 47.221 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	43.2	32.7	49.1





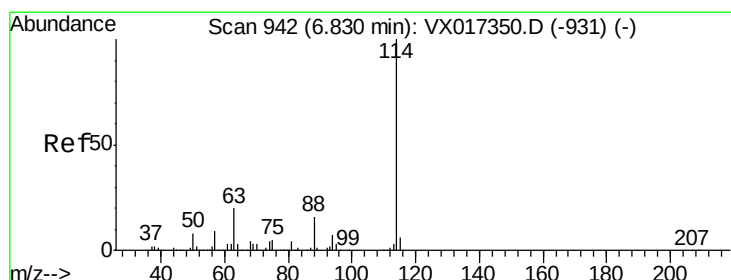
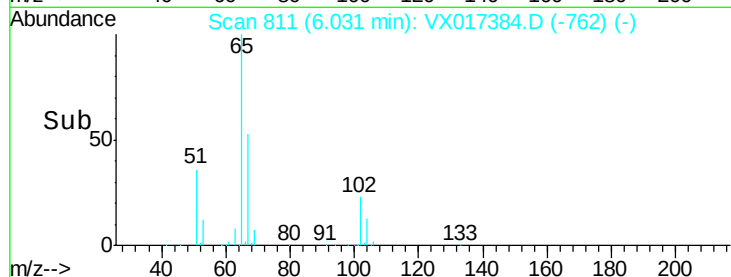
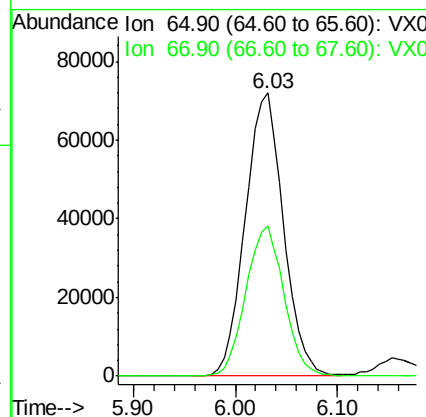
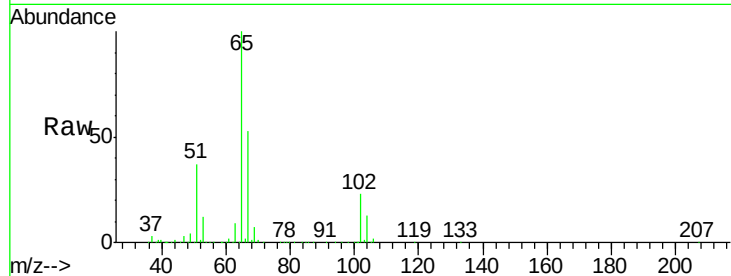
#33
 1,2-Dichloroethane-d4
 Concen: 41.092 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188119		
67	52.5	0.0	101.6	

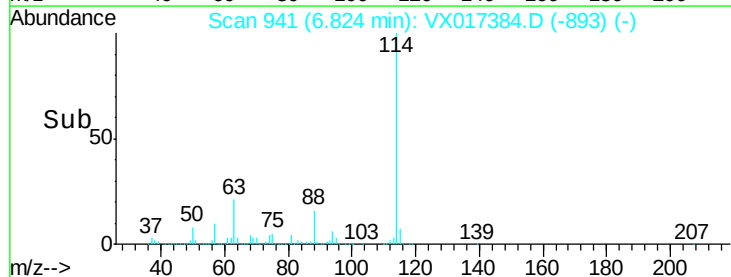
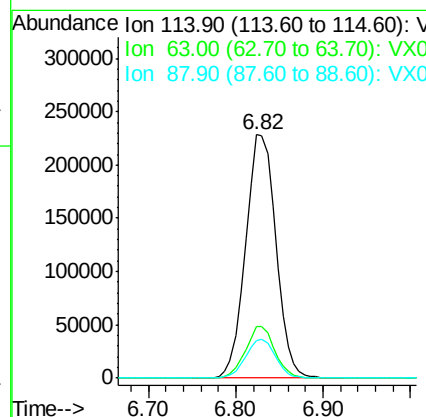
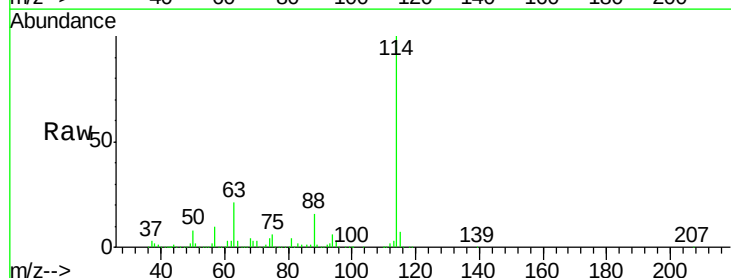
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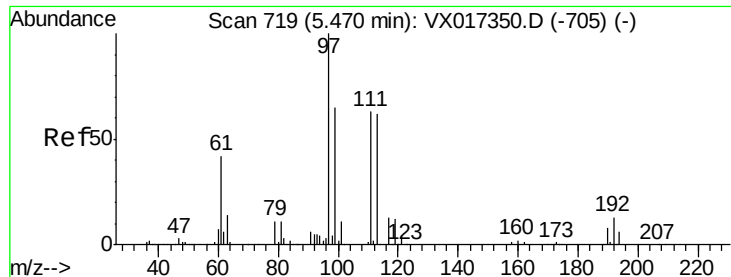
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	551908		
63	21.2	0.0	40.0	
88	15.7	0.0	32.8	





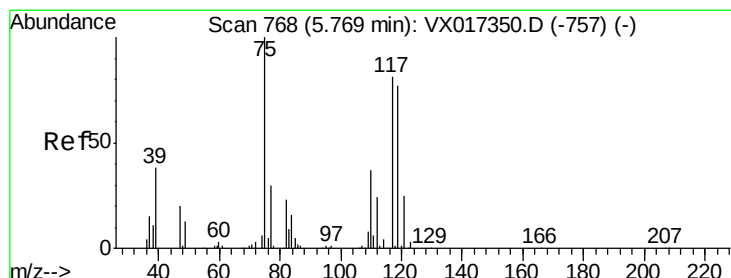
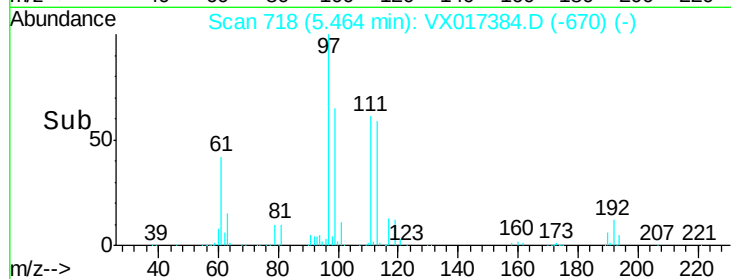
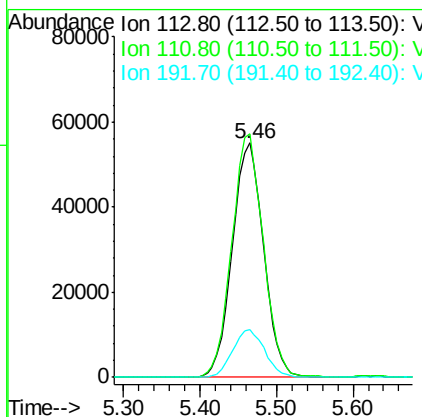
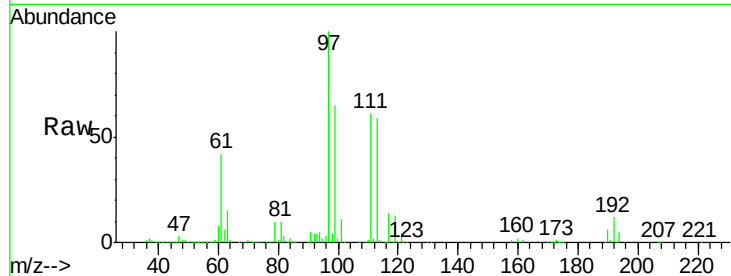
#35
Dibromofluoromethane
Concen: 42.085 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	156460		
111	104.3	82.4	123.6	
192	21.0	17.2	25.8	

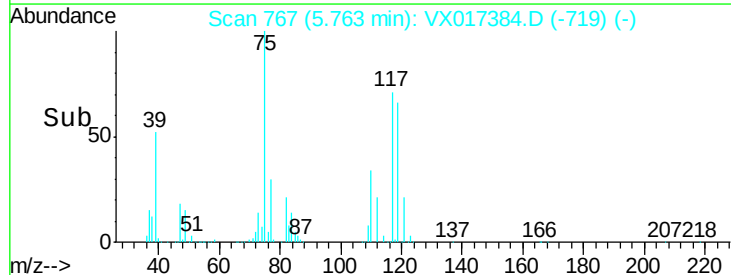
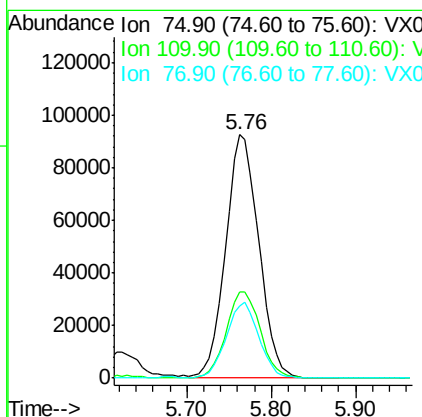
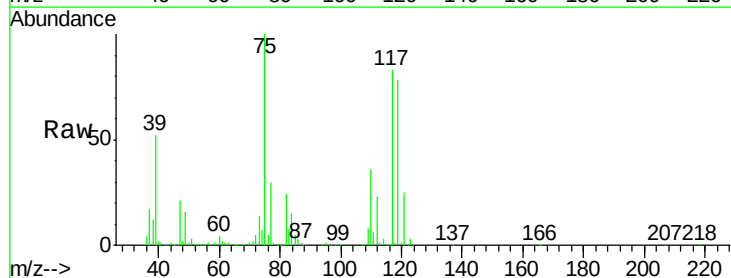
Manual Integrations
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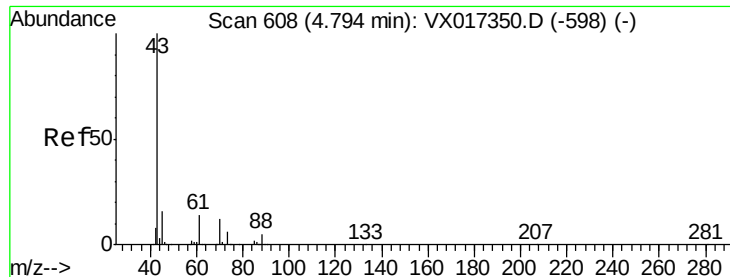
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.607 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	246753		
110	36.5	18.6	55.8	
77	30.7	24.9	37.3	





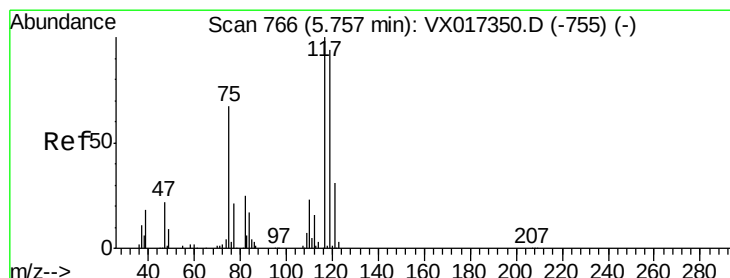
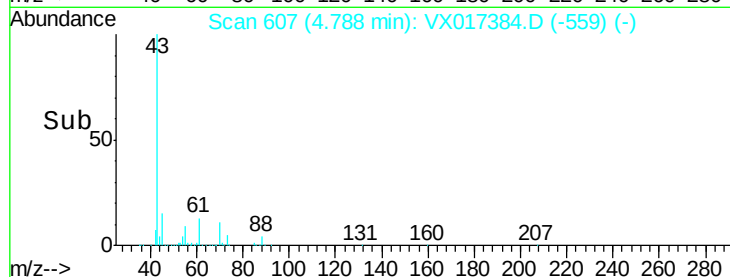
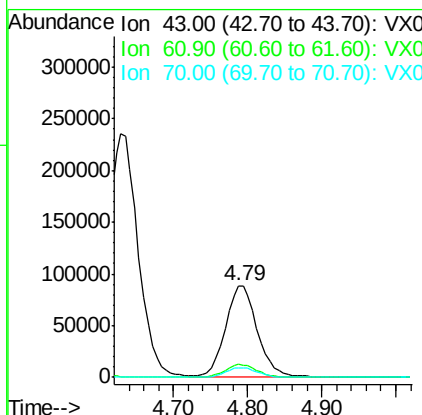
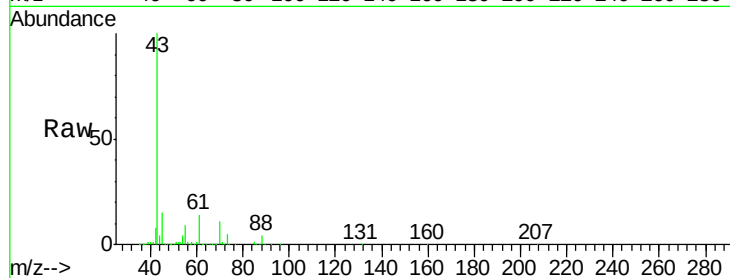
#37
Ethyl Acetate
Concen: 50.218 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.8	9.0	13.6

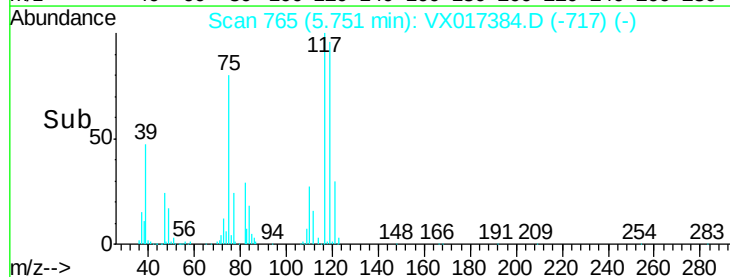
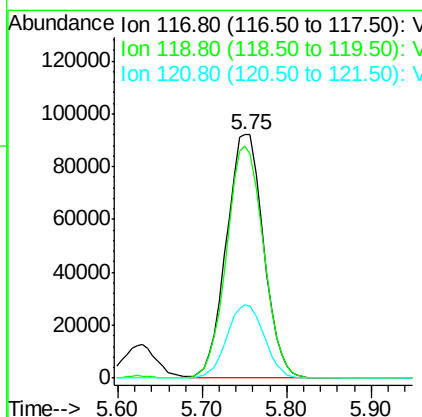
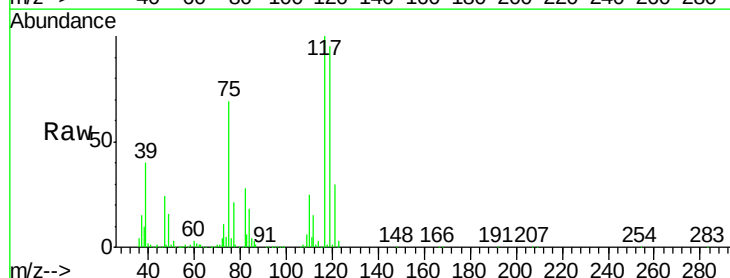
Manual Integrations
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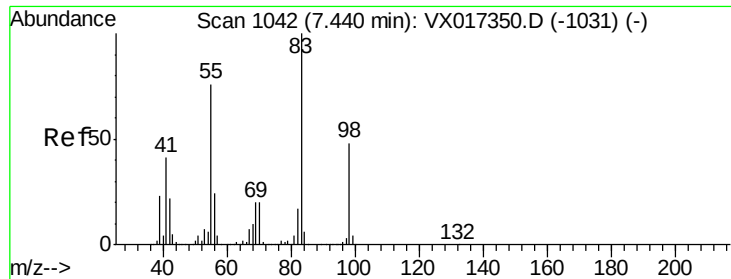
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#38
Carbon Tetrachloride
Concen: 46.395 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.7	112.1
121	29.9	24.5	36.7





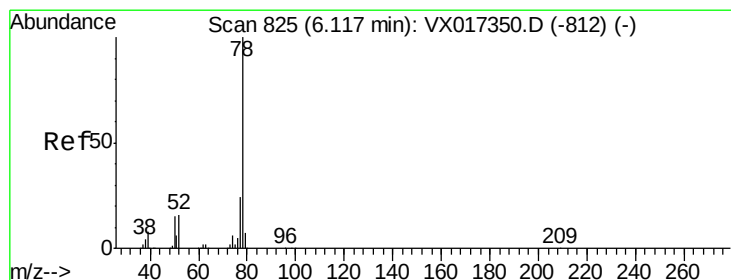
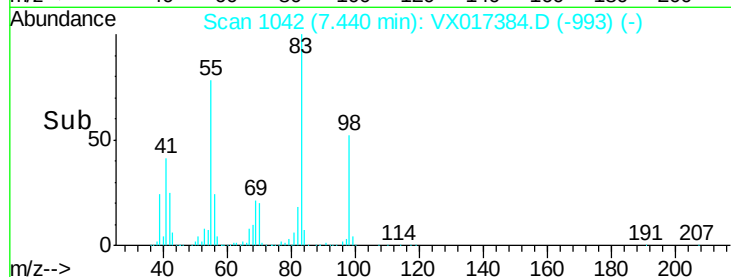
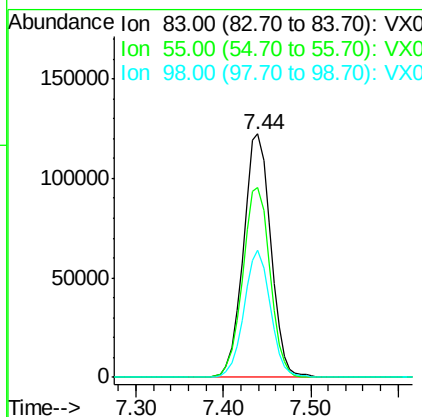
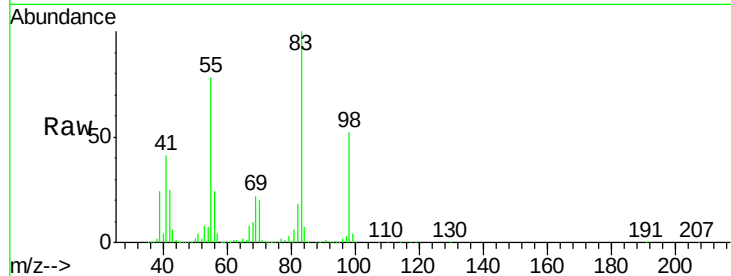
#39
Methylvlcyclohexane
Concen: 48.191 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.2	91.8
98	52.3	38.1	57.1

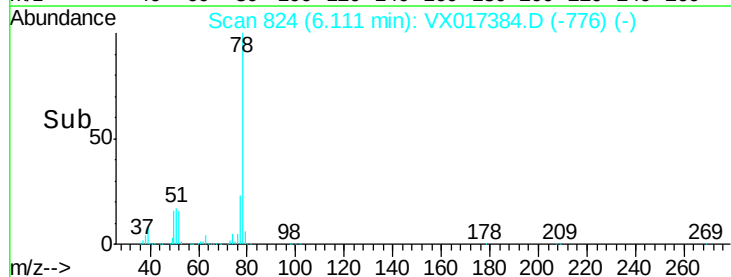
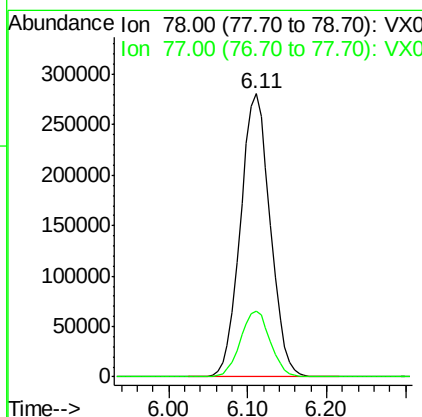
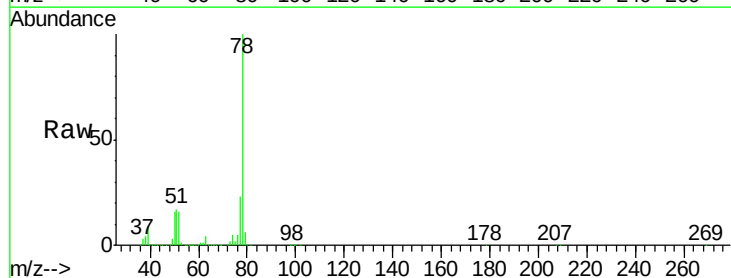
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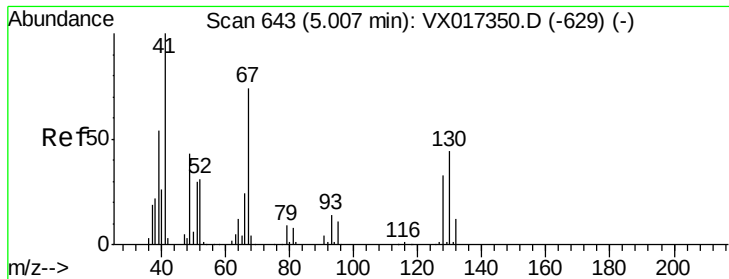
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#40
Benzene
Concen: 50.507 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





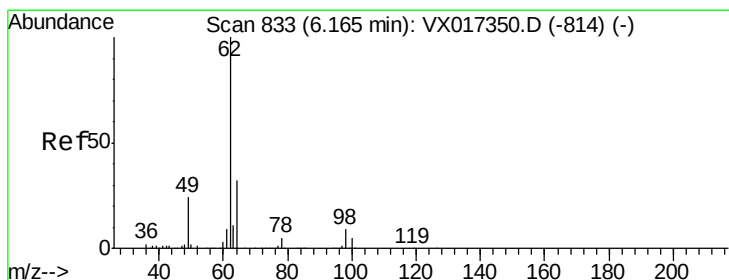
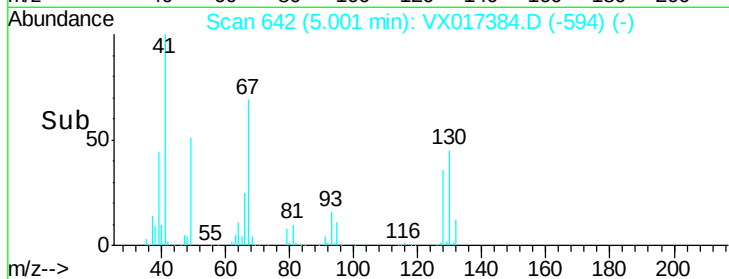
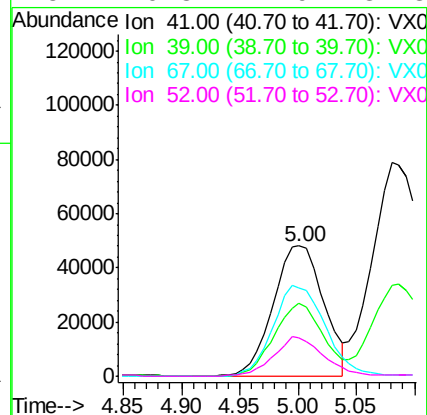
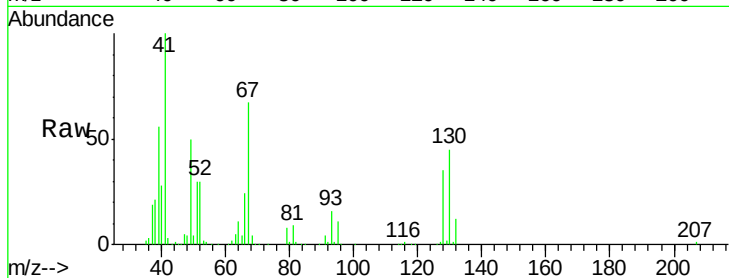
#41
Methacrylonitrile
Concen: 51.331 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	43.8	65.8	
67	72.3	58.7	88.1	
52	29.8	24.9	37.3	

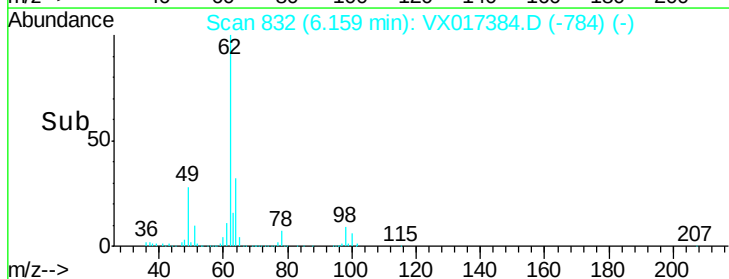
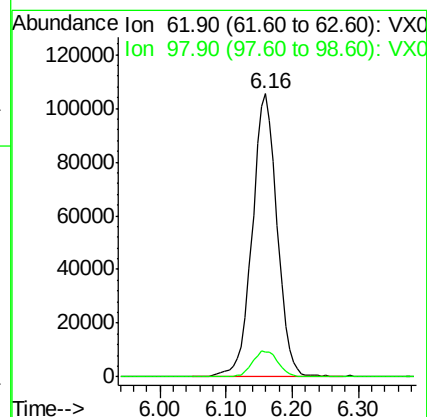
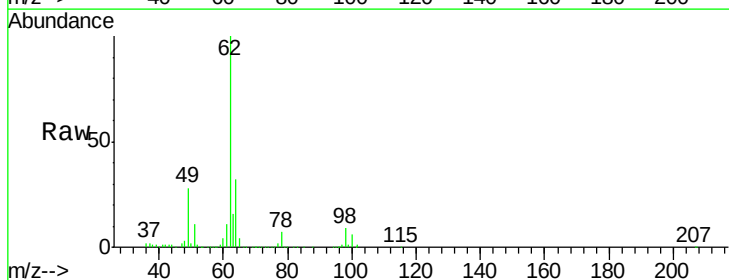
Manual Integrations
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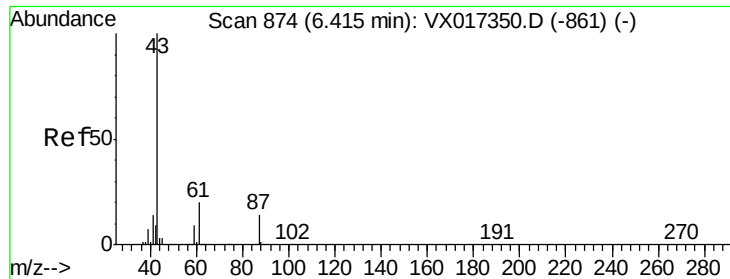
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.560 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.4	





#43

Isopropyl Acetate

Concen: 49.314 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

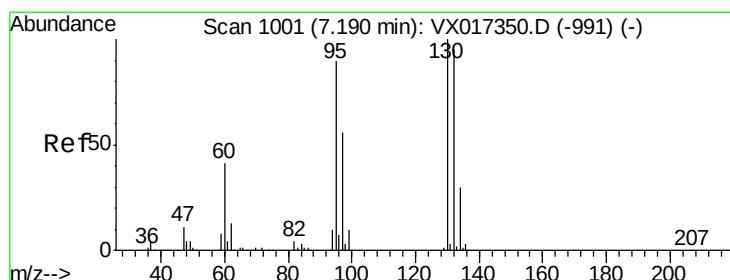
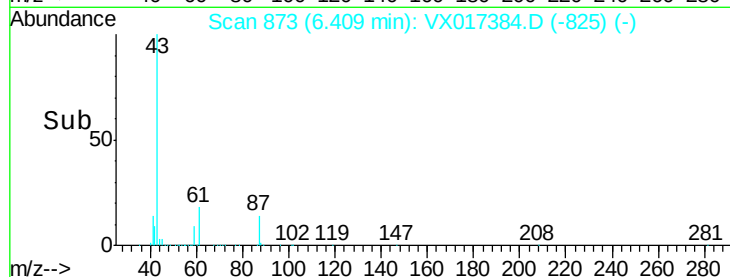
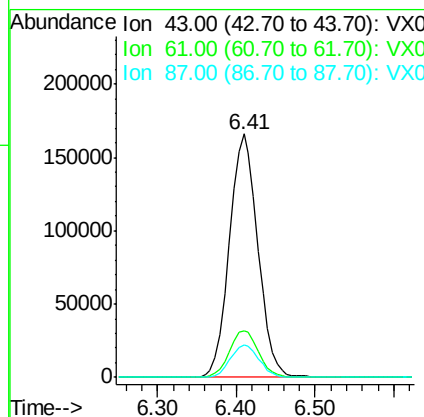
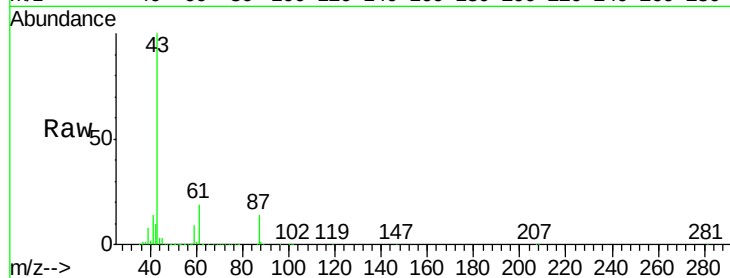
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	413699
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.4	24.6
87	13.7	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 46.162 ug/l

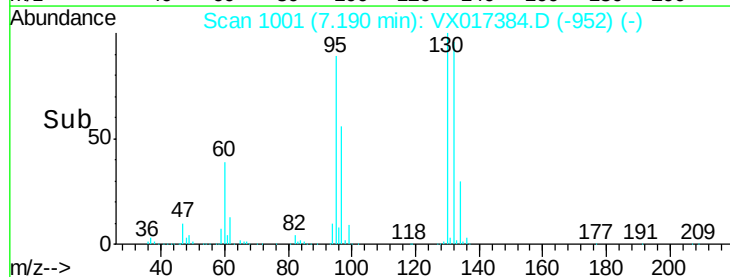
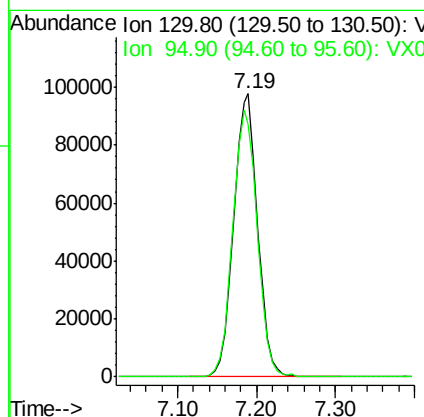
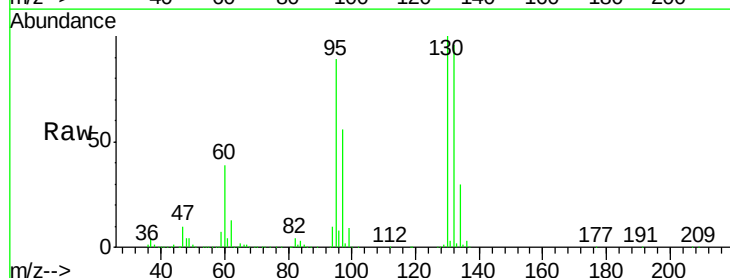
RT: 7.19 min Scan# 1001

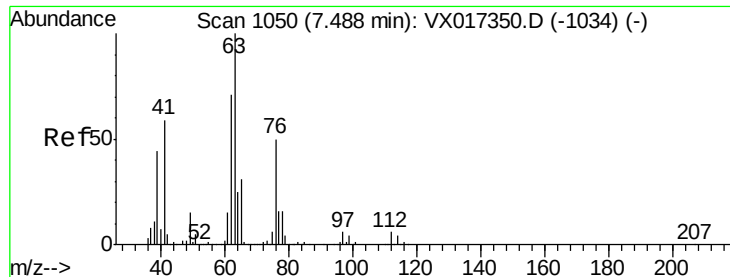
Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion:	130	Resp:	205716
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	180.2





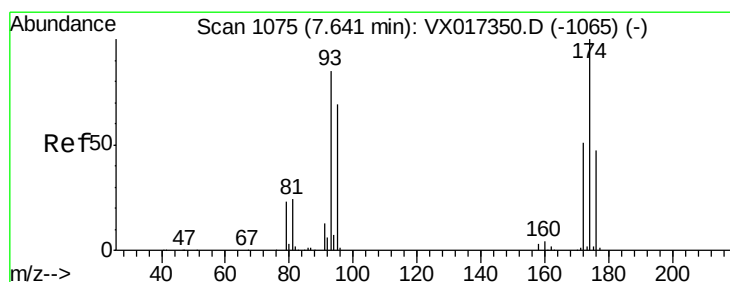
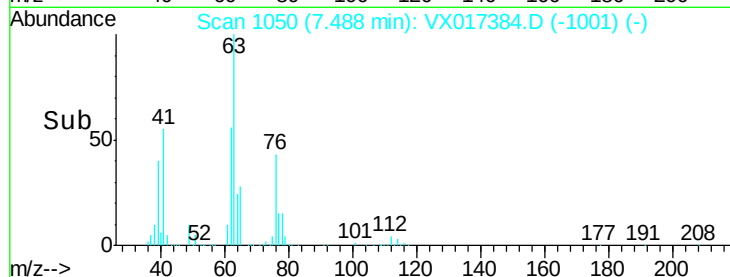
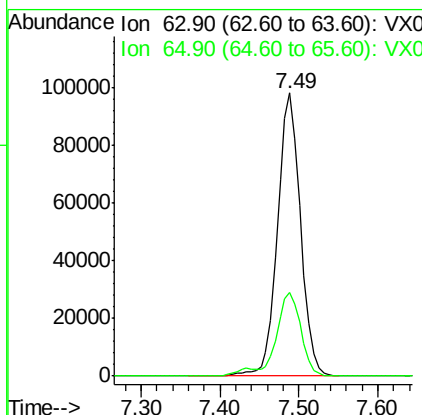
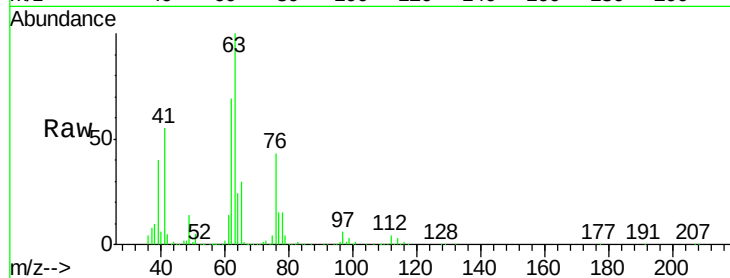
#45
 1,2-Dichloropropane
 Concen: 53.096 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.5	36.7

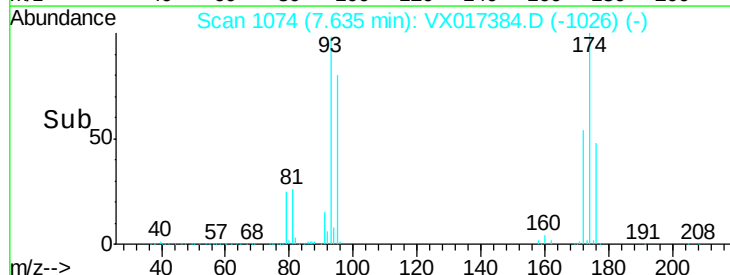
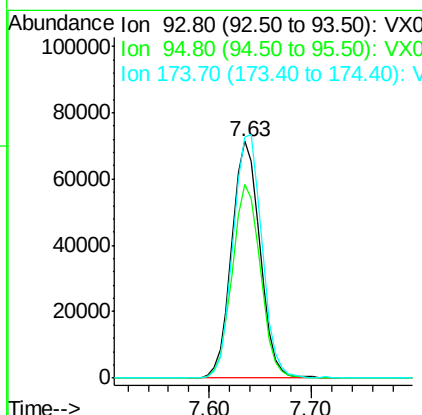
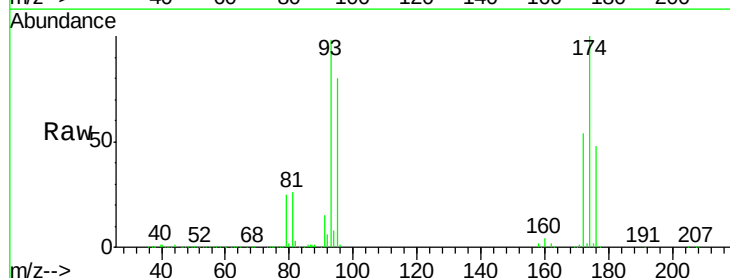
Manual Integrations
 APPROVED

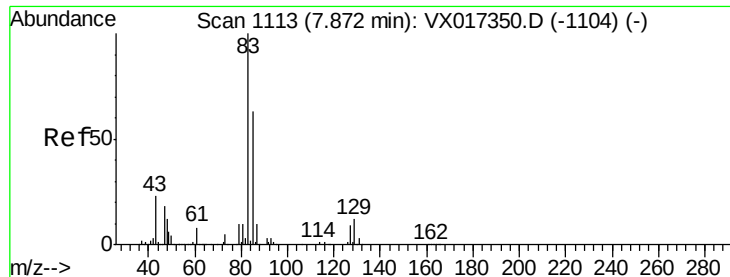
MMDadoda
 7/17/2020 4:44:08 PM



#46
 Dibromomethane
 Concen: 50.620 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.4	98.2
174	105.0	91.2	136.8





#47

Bromodichloromethane

Concen: 50.029 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

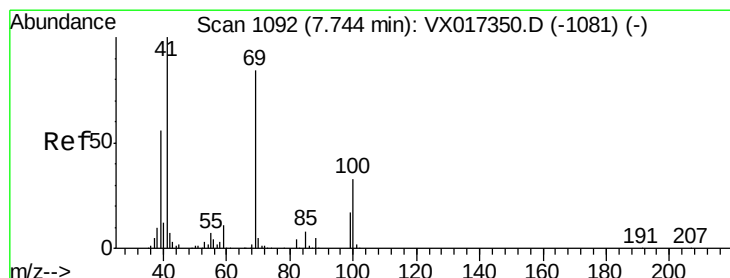
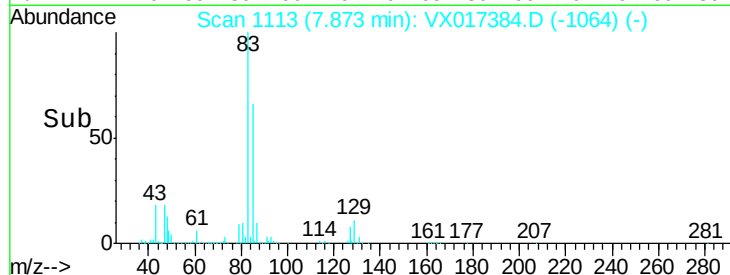
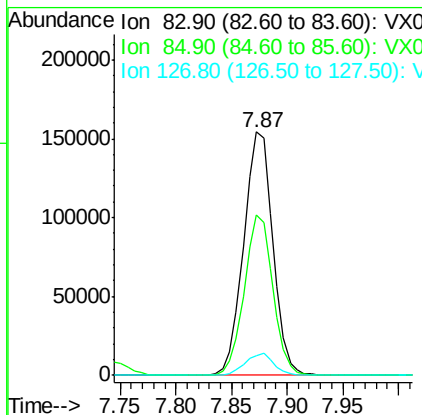
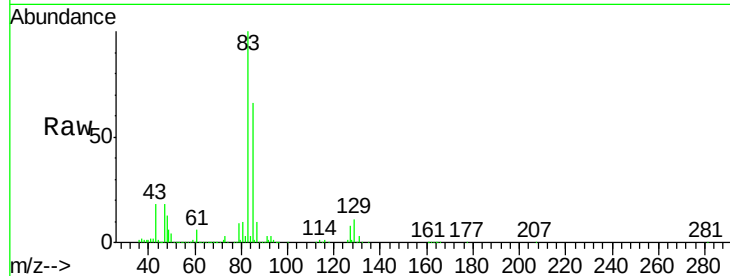
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	281599
Ion Ratio	Lower	Upper	
83	100		
85	66.1	50.2	75.4
127	8.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.465 ug/l

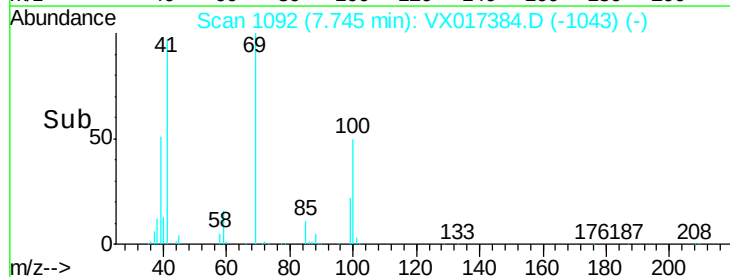
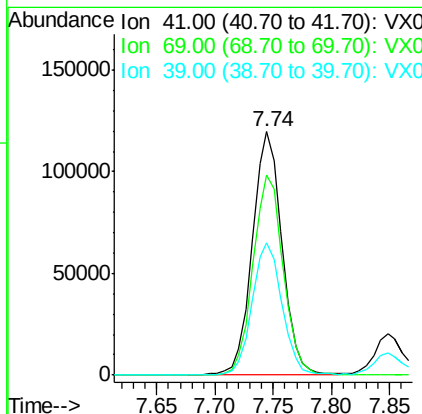
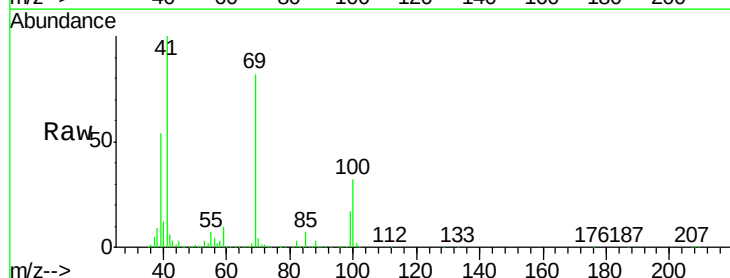
RT: 7.74 min Scan# 1092

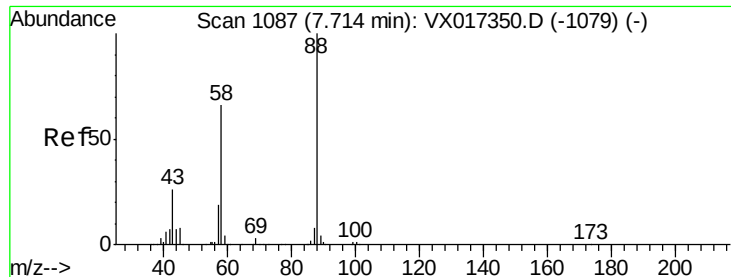
Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion:	41	Resp:	211208
Ion Ratio	Lower	Upper	
41	100		
69	84.0	67.8	101.6
39	54.7	45.1	67.7





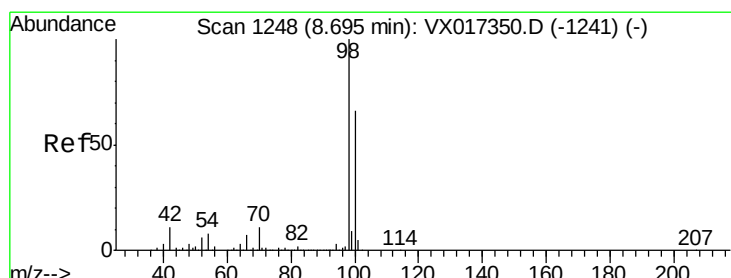
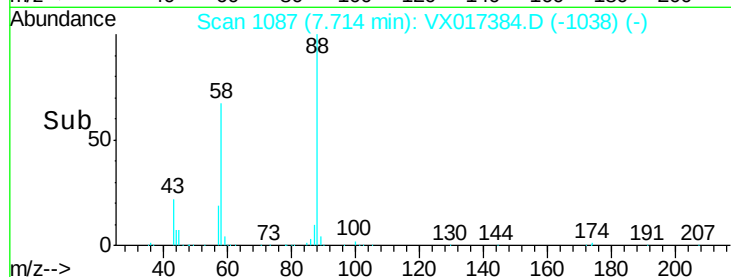
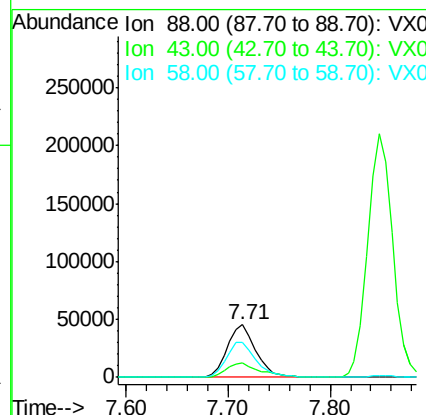
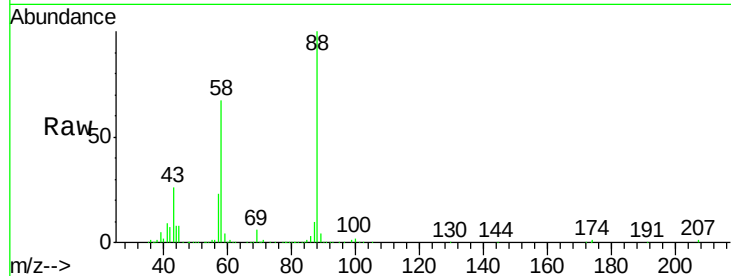
#49
1,4-Dioxane
Concen: 1068.809 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.6	38.4
58	70.2	53.9	80.9

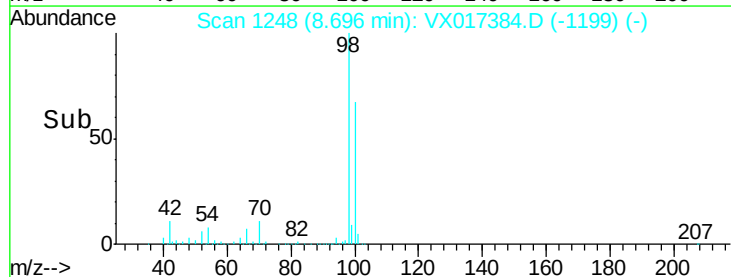
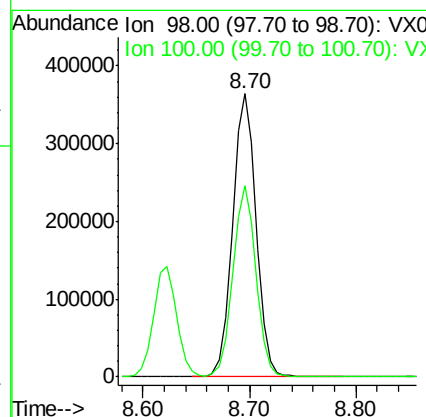
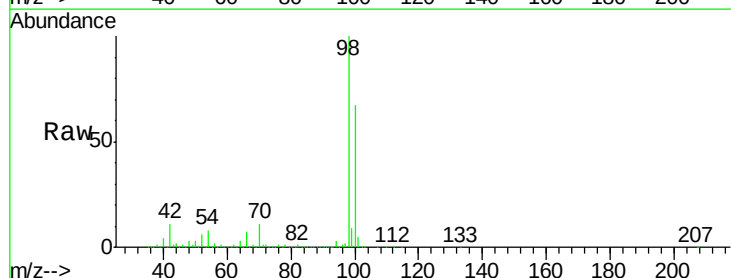
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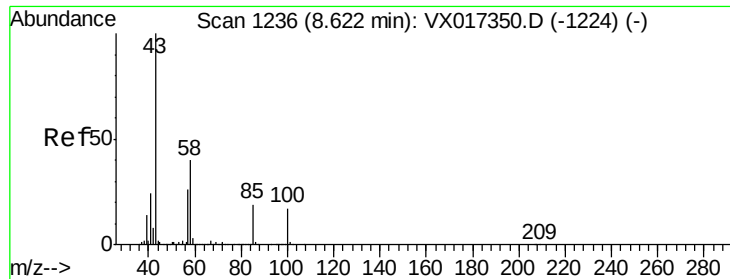
MMDadoda
7/17/2020 4:44:08 PM



#50
Toluene-d8
Concen: 41.898 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.2





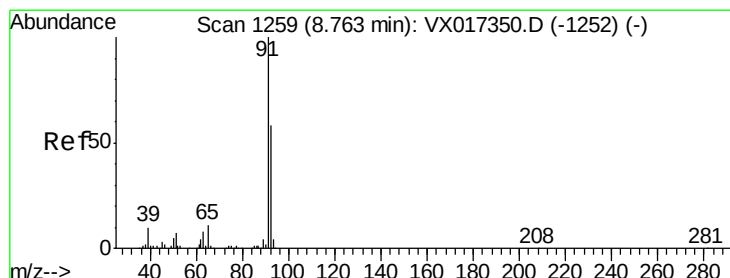
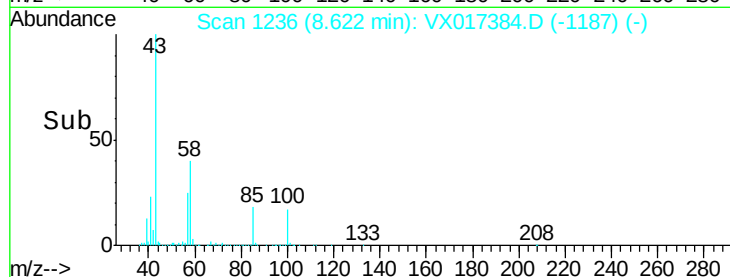
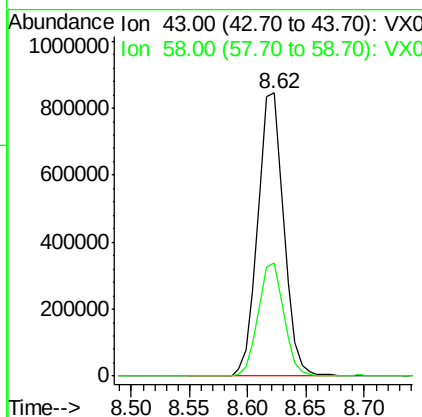
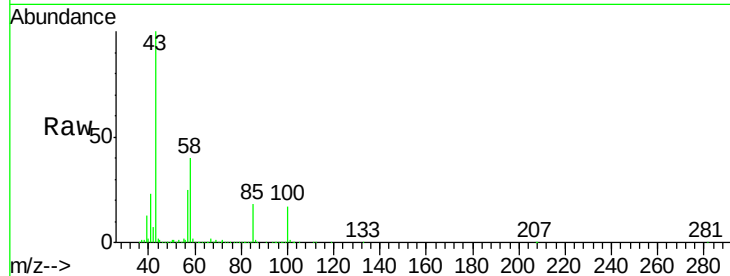
#51
4-Methyl-2-Pentanone
Concen: 259.286 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1326295
Ion Ratio Lower Upper
43 100
58 39.5 32.2 48.2

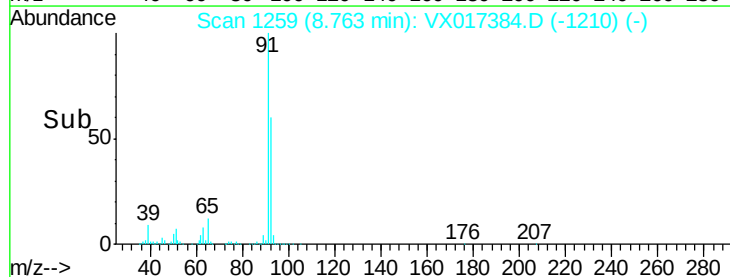
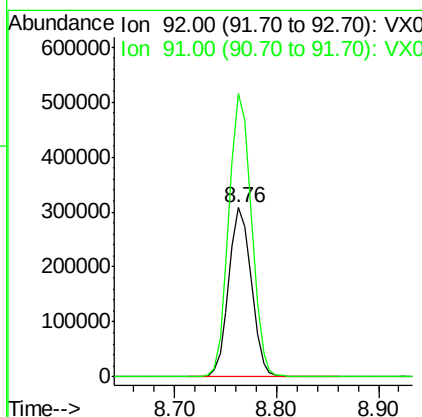
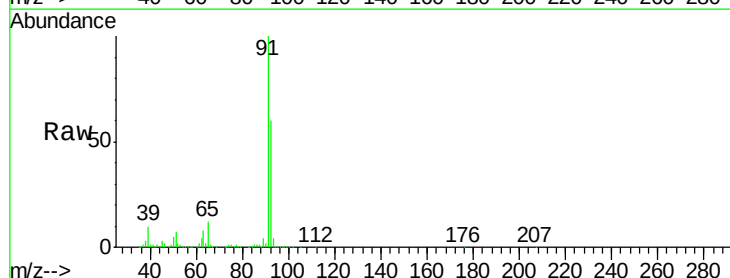
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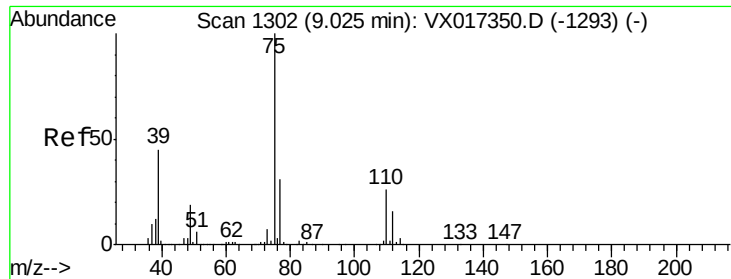
MMDadoda
7/17/2020 4:44:08 PM



#52
Toluene
Concen: 50.282 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 92 Resp: 470760
Ion Ratio Lower Upper
92 100
91 168.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.757 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 295660

Ion Ratio Lower Upper

75 100

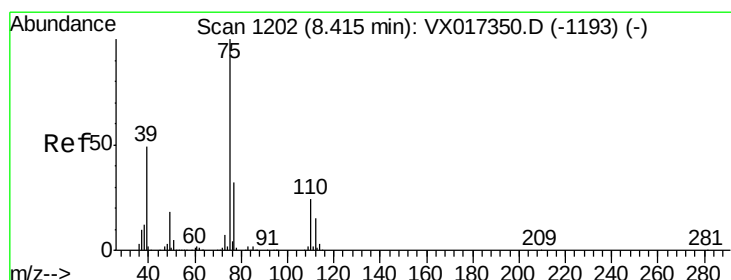
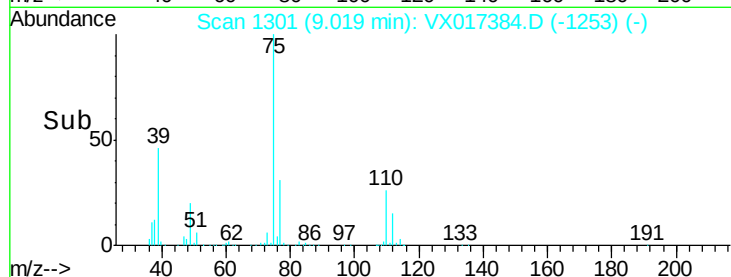
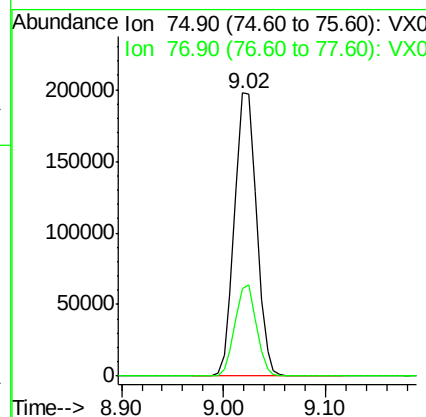
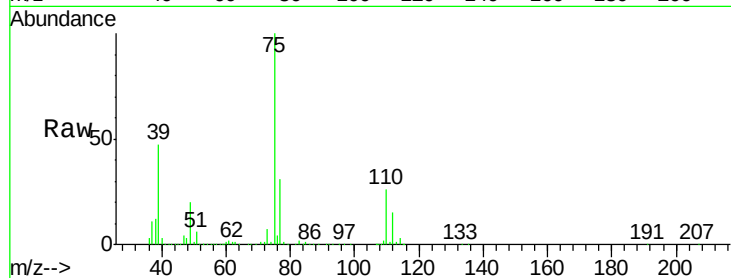
77 30.9 25.0 37.6

Manual Integrations

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MMDadoda

7/17/2020 4:44:08 PM



#54

cis-1,3-Dichloropropene

Concen: 49.792 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

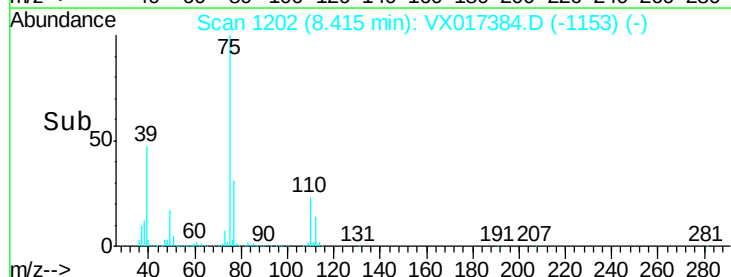
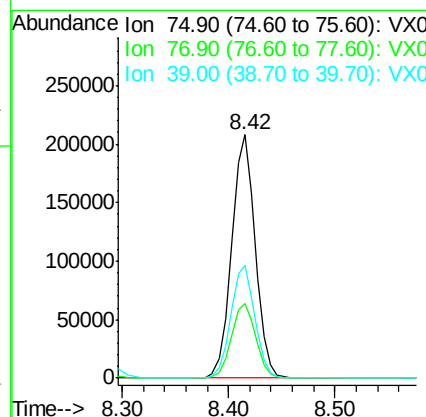
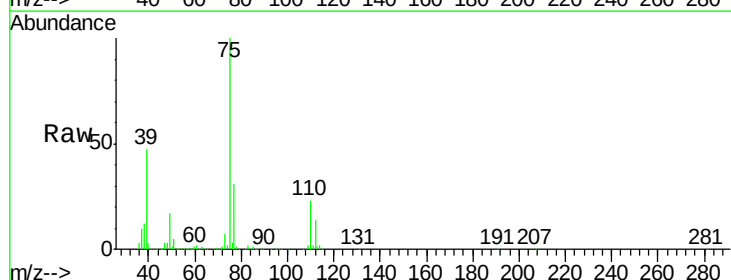
Tgt Ion: 75 Resp: 322039

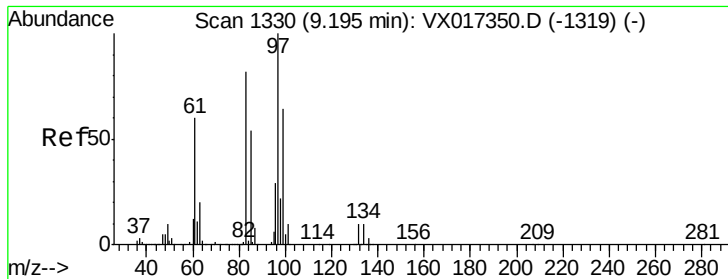
Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

39 46.6 38.9 58.3





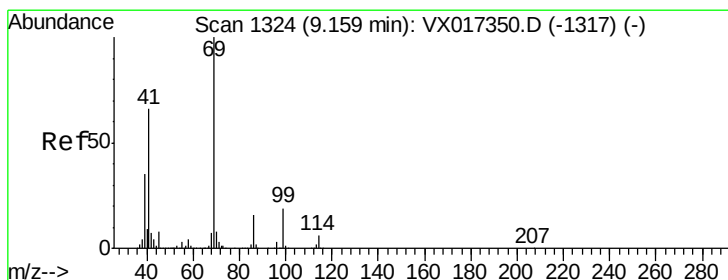
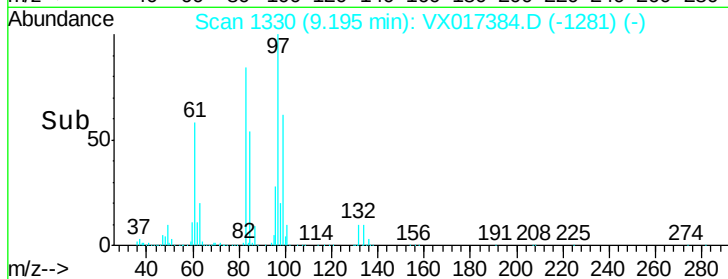
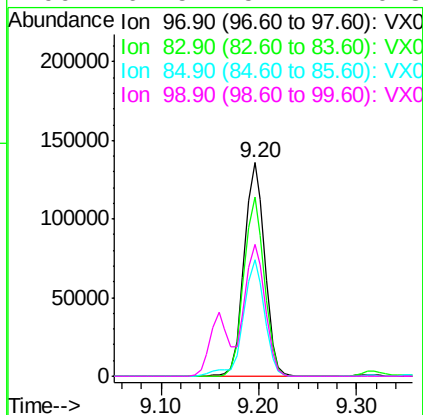
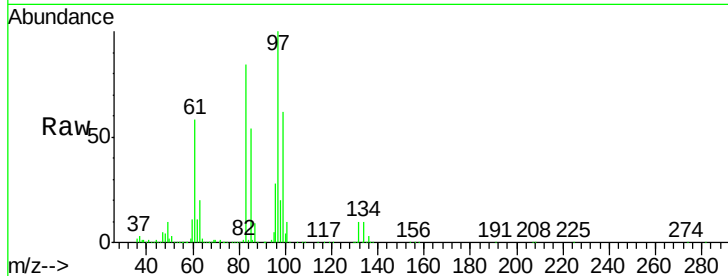
#55
 1,1,2-Trichloroethane
 Concen: 51.067 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		199366		
83	83.9	65.8	98.6		
85	54.3	42.8	64.2		
99	61.5	51.2	76.8		

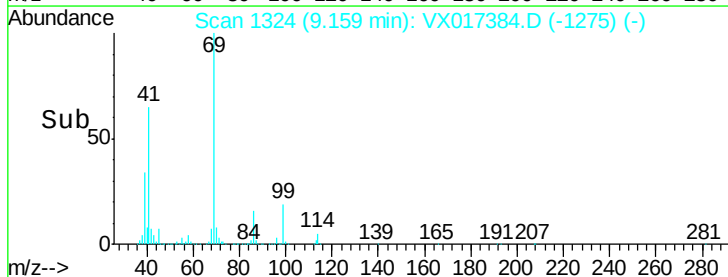
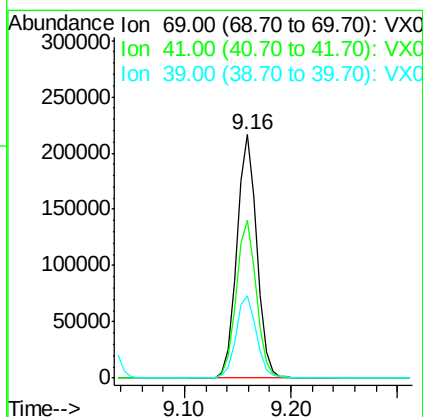
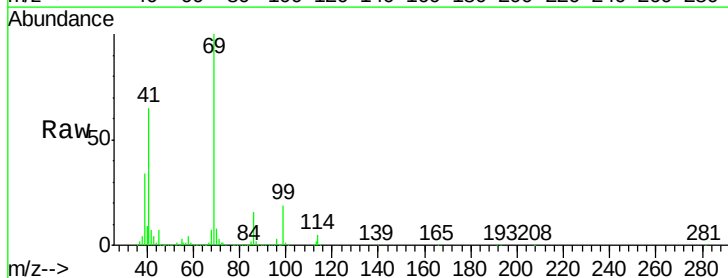
Manual Integrations
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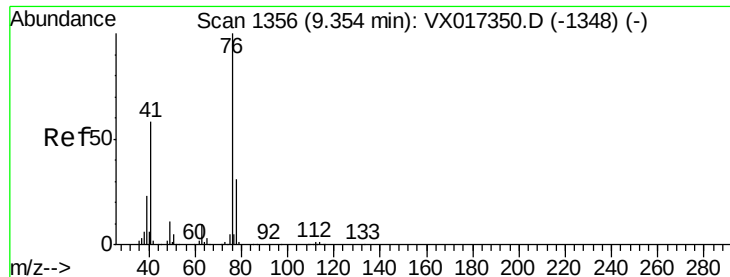
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 51.487 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		285373		
41	65.3	52.6	78.8		
39	34.2	28.8	43.2		





#57

1,3-Dichloropropane

Concen: 50.166 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 325777

Ion Ratio Lower Upper

76 100

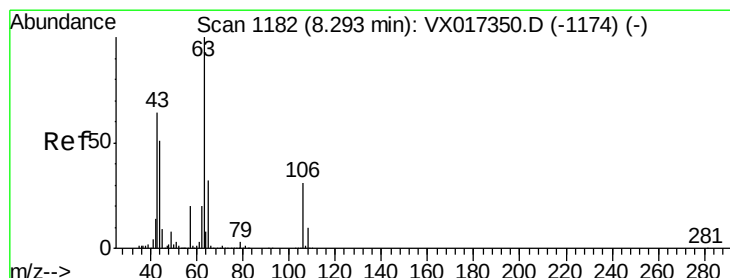
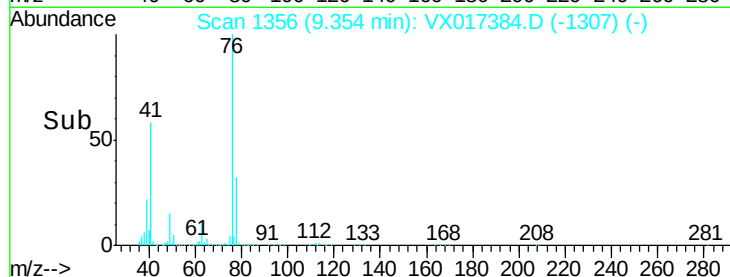
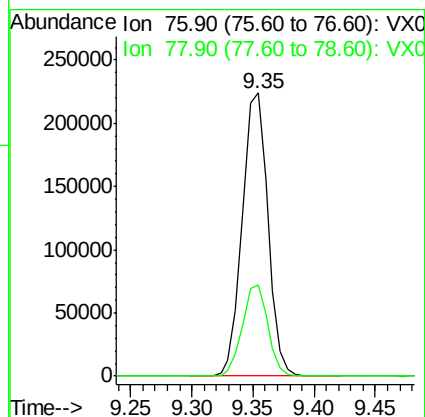
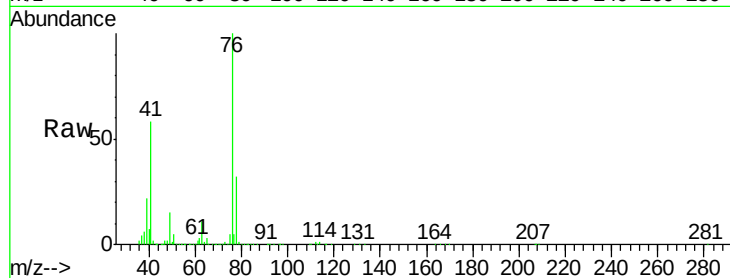
78 32.2 25.8 38.6

Manual Integrations

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7/17/2020 4:44:08 PM



#58

2-Chloroethyl Vinyl ether

Concen: 254.107 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017384.D

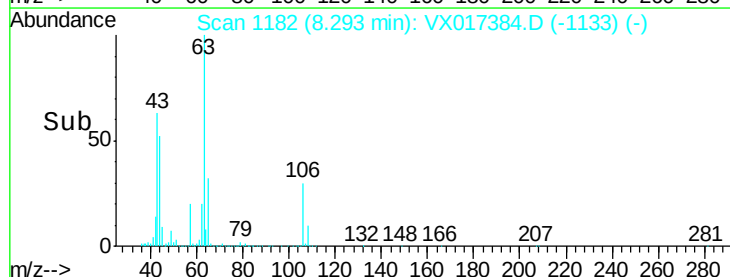
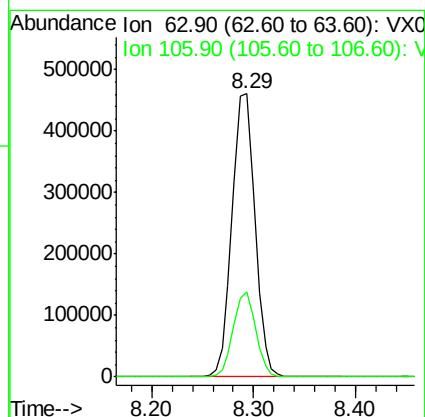
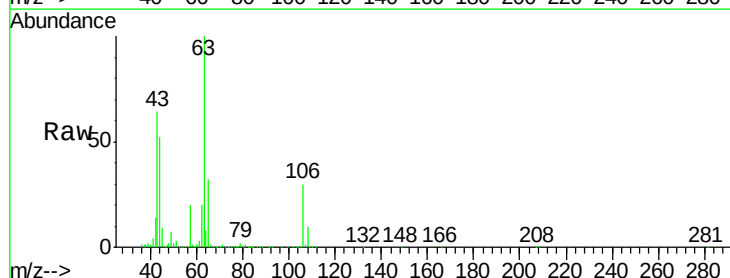
Acq: 16 Jul 2020 11:39

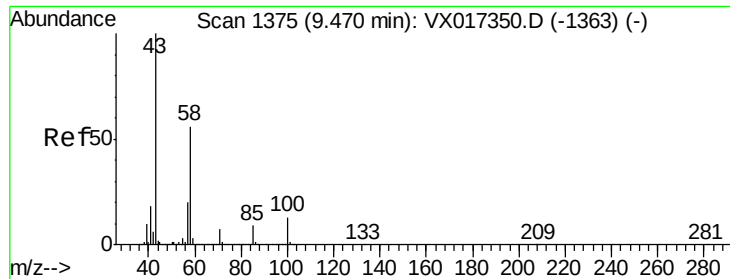
Tgt Ion: 63 Resp: 715133

Ion Ratio Lower Upper

63 100

106 29.5 24.8 37.2





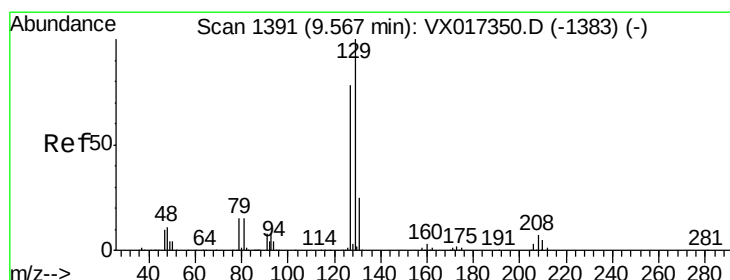
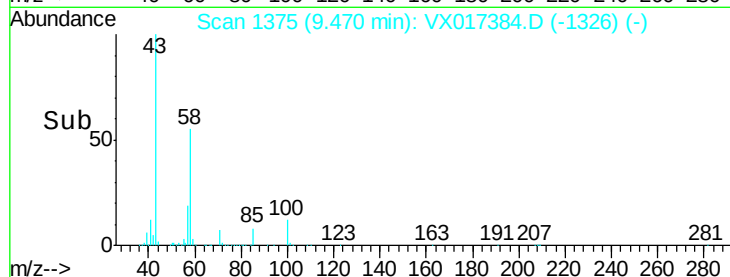
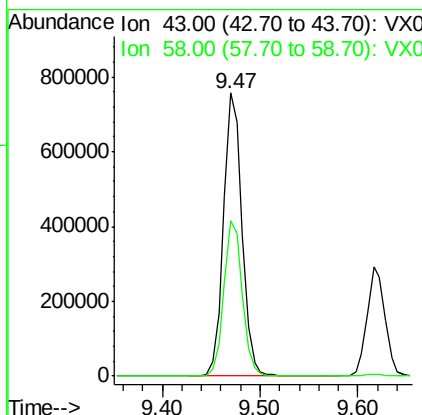
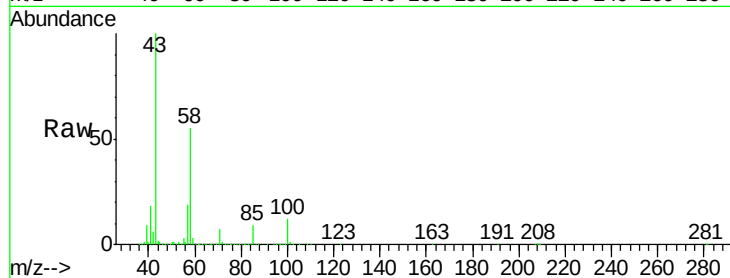
#59
2-Hexanone
Concen: 256.042 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	28.1	84.3

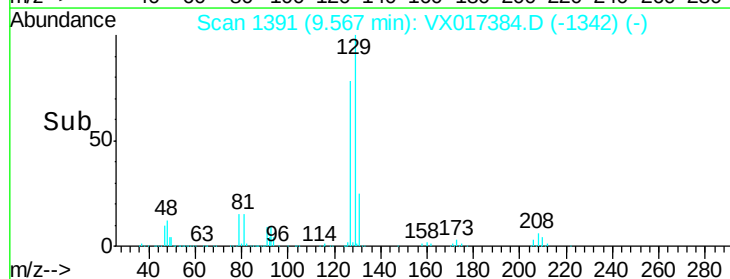
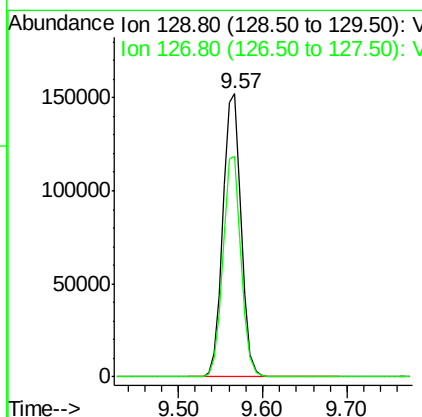
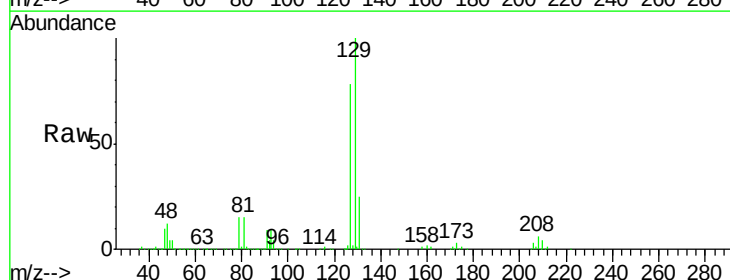
Manual Integrations
APPROVED

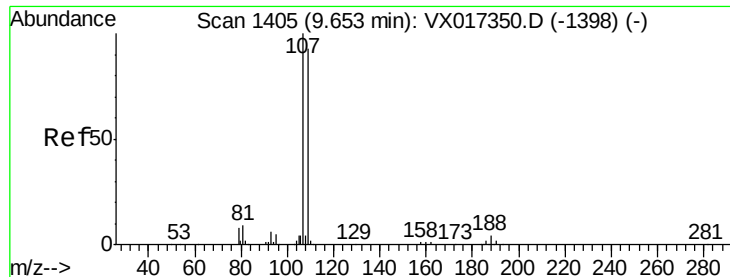
MMDadoda
7/17/2020 4:44:08 PM



#60
Dibromochloromethane
Concen: 47.864 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.9	116.6





#61

1,2-Dibromoethane

Concen: 49.867 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 211784

Ion Ratio Lower Upper

107 100

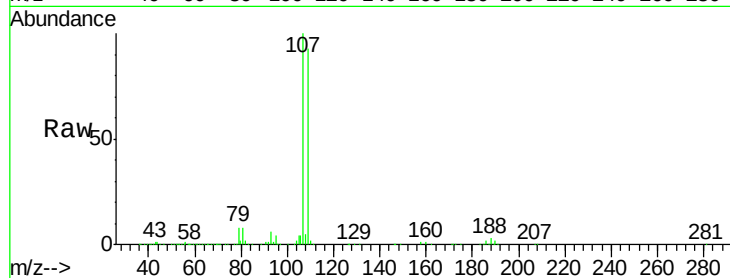
109 92.4 75.0 112.4

Manual Integrations

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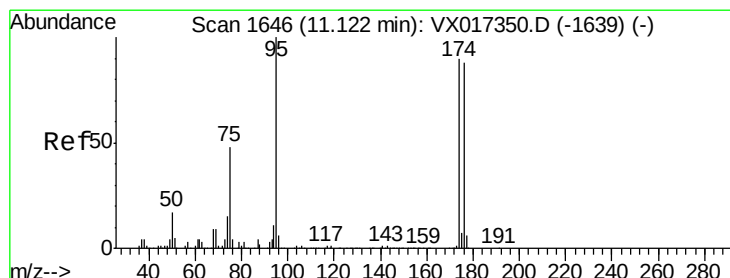
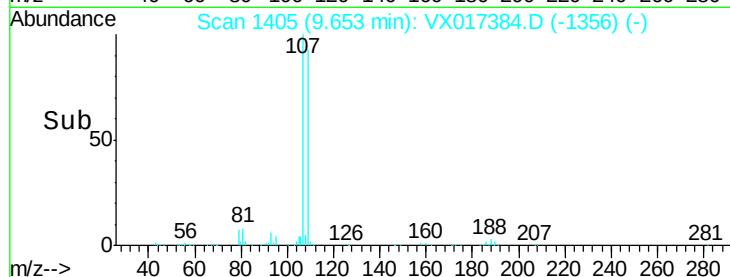
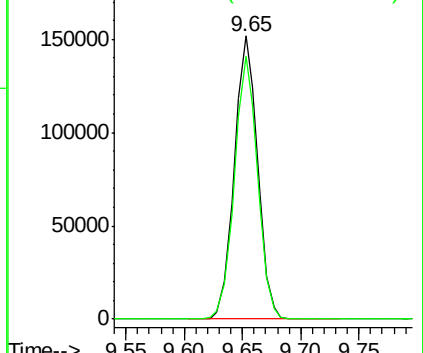
MMDadoda

7/17/2020 4:44:08 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.657 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

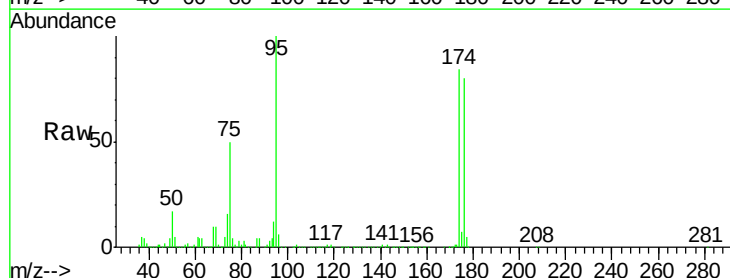
Tgt Ion: 95 Resp: 216573

Ion Ratio Lower Upper

95 100

174 83.3 0.0 175.8

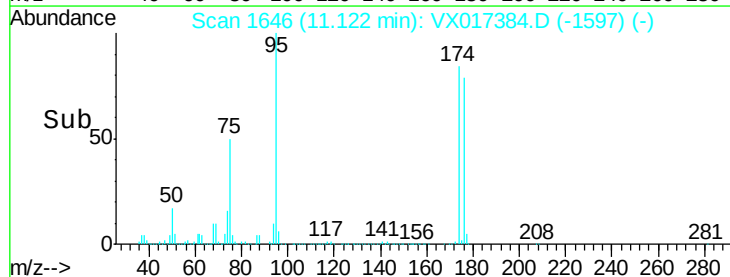
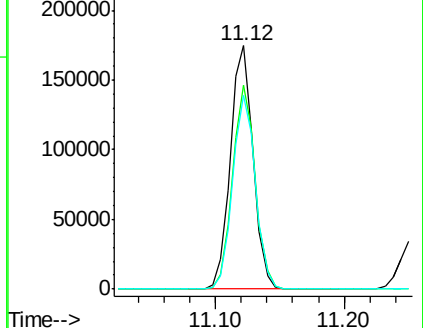
176 79.7 0.0 164.6

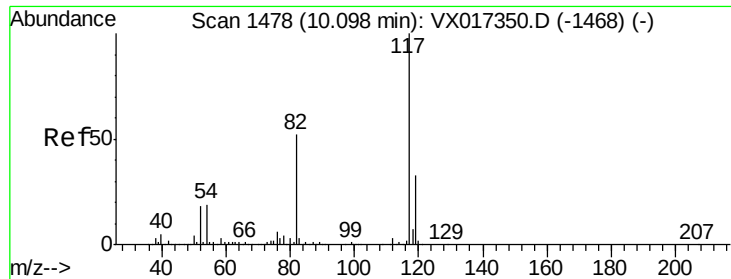


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





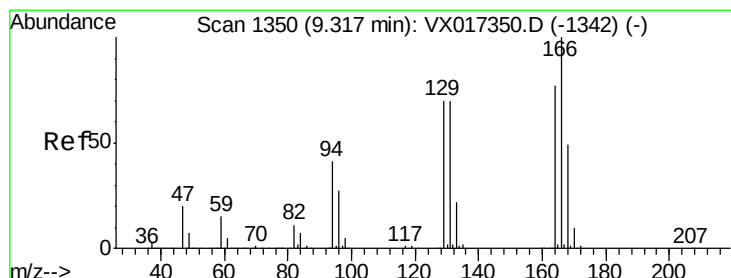
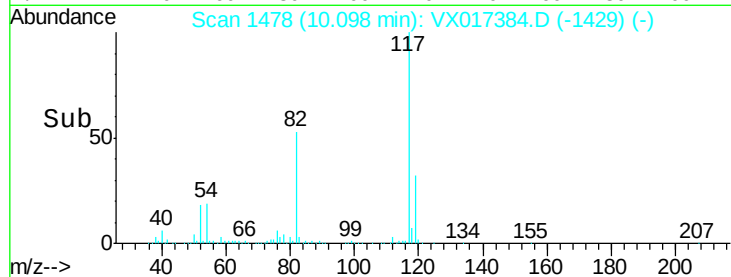
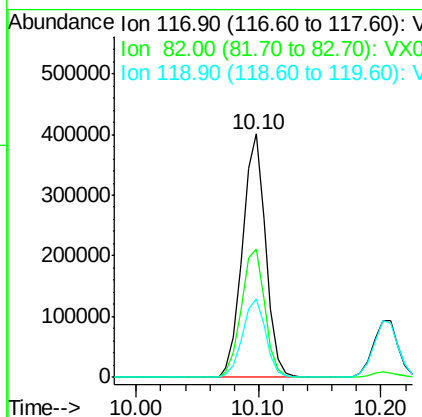
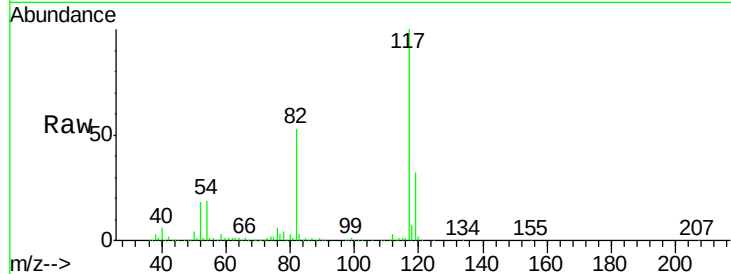
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.0	63.0
119	32.1	26.3	39.5

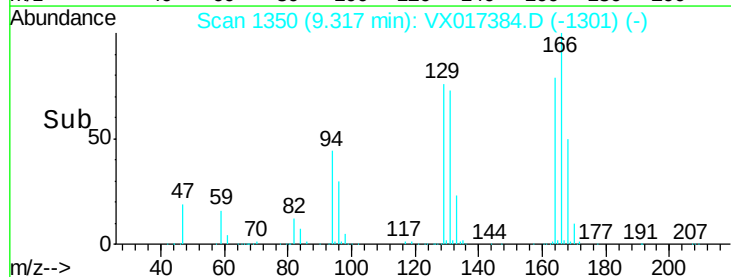
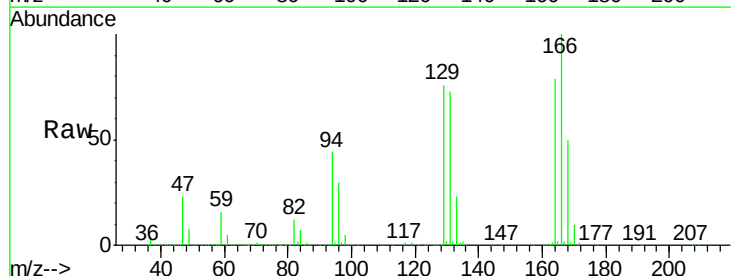
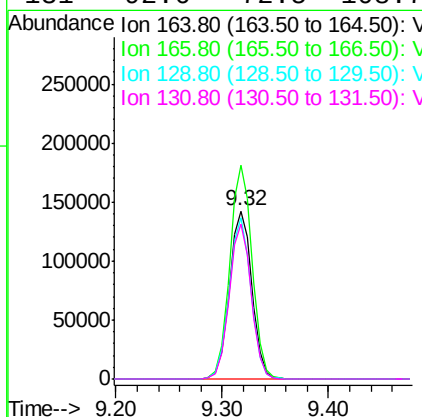
Manual Integrations
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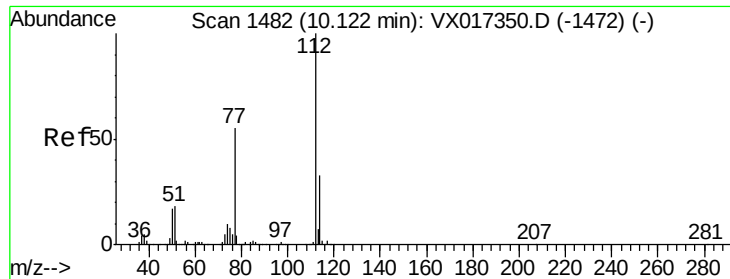
MMDadoda
7/17/2020 4:44:08 PM



#64
Tetrachloroethene
Concen: 46.322 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.9	155.9
129	96.2	72.9	109.3
131	92.6	72.5	108.7





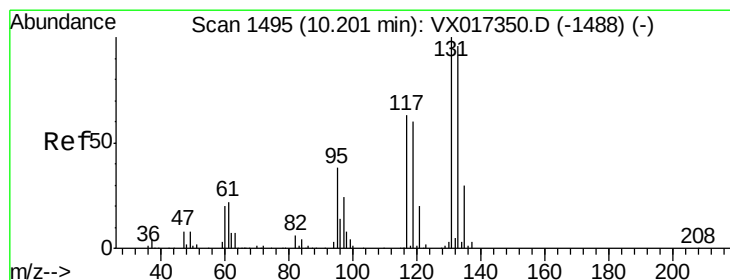
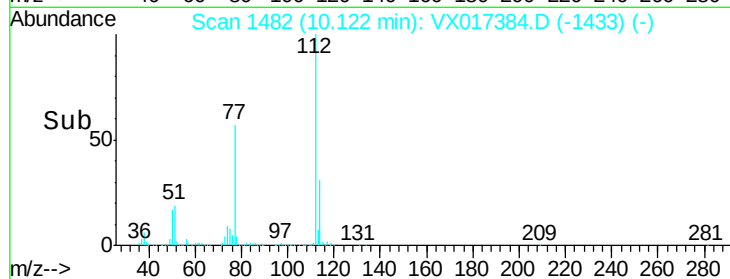
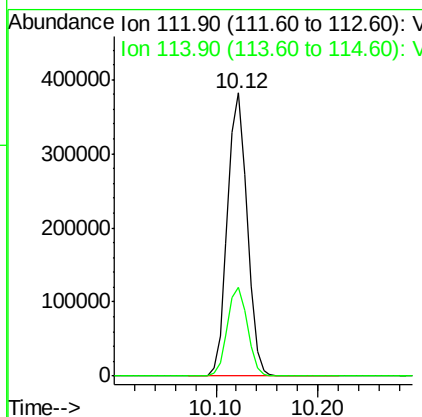
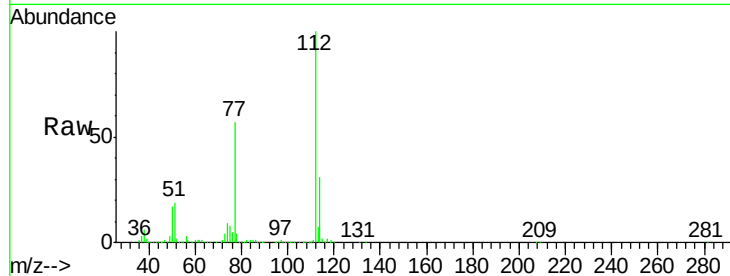
#65
Chlorobenzene
Concen: 48.022 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.0	39.0

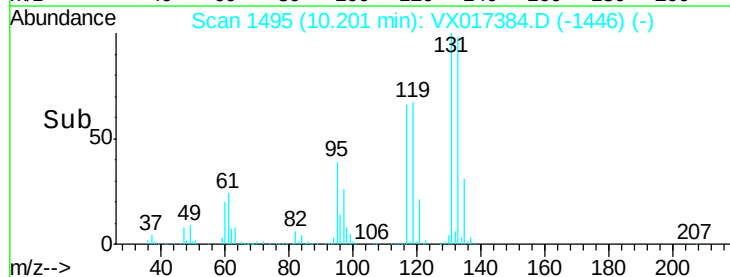
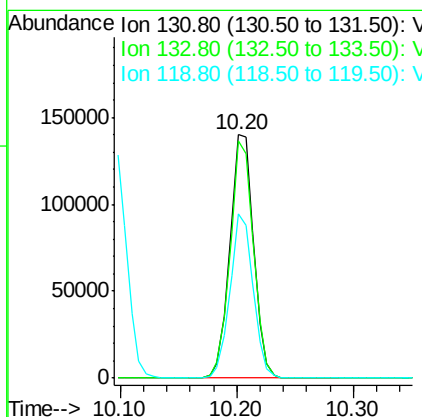
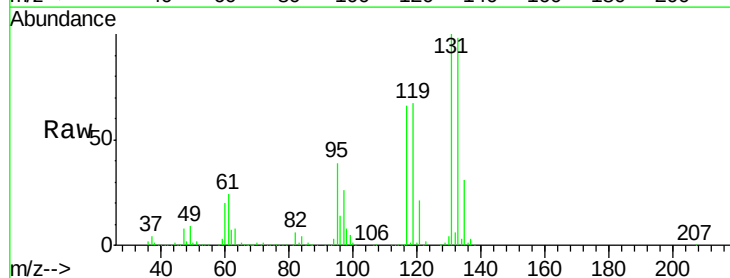
Manual Integrations
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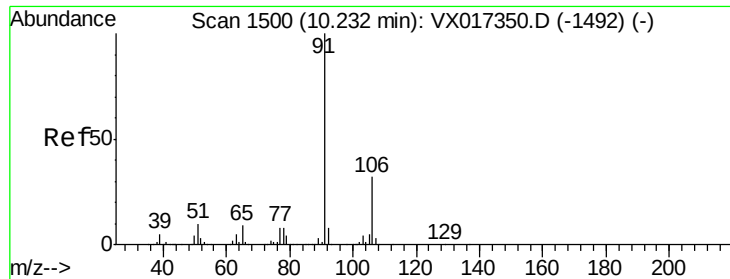
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.941 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.4	145.2
119	65.8	31.2	93.6





#67

Ethyl Benzene

Concen: 49.070 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 868757

Ion Ratio Lower Upper

91 100

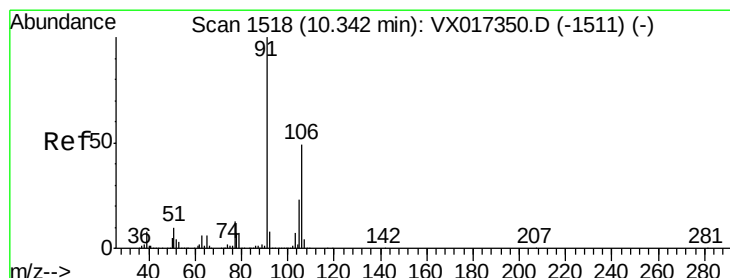
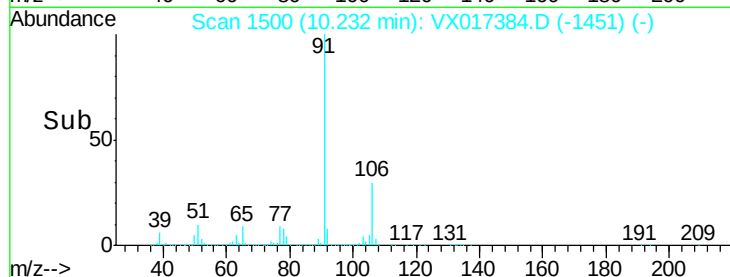
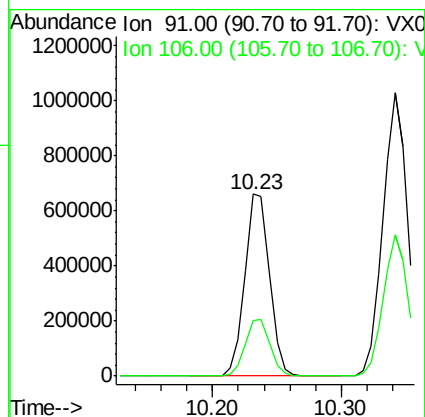
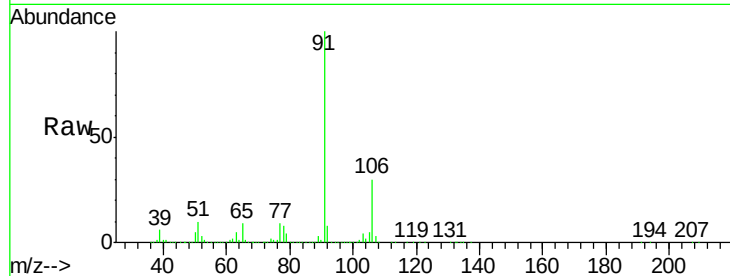
106 30.3 25.7 38.5

Manual Integrations

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7/17/2020 4:44:08 PM



#68

m/p-Xylenes

Concen: 100.391 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017384.D

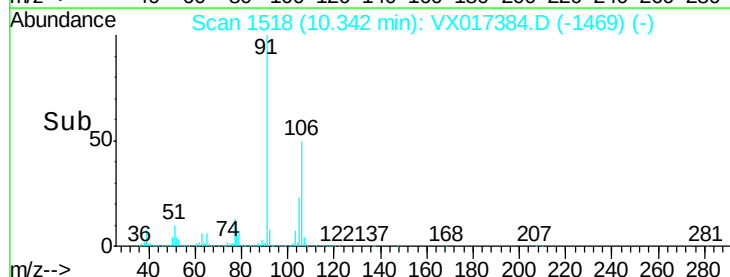
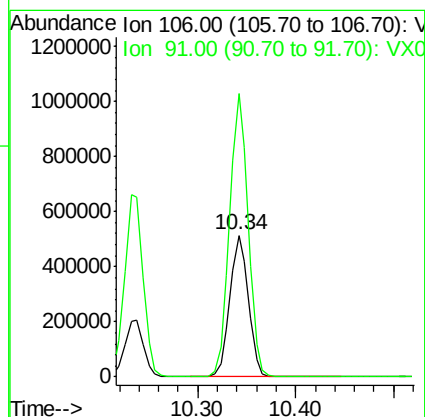
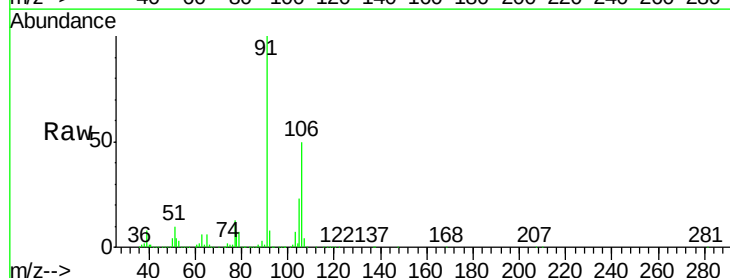
Acq: 16 Jul 2020 11:39

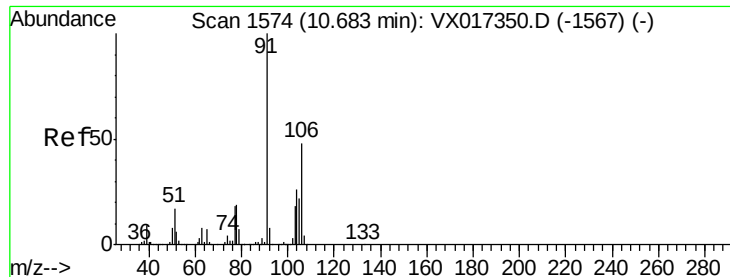
Tgt Ion: 106 Resp: 676248

Ion Ratio Lower Upper

106 100

91 200.0 162.5 243.7





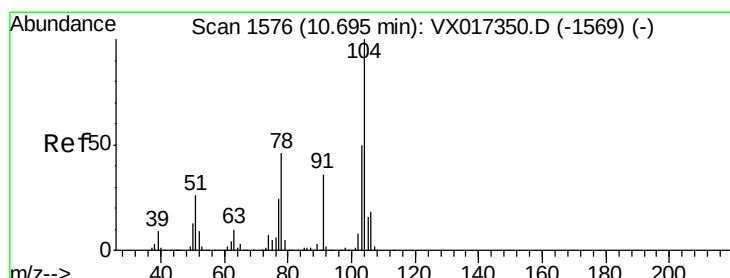
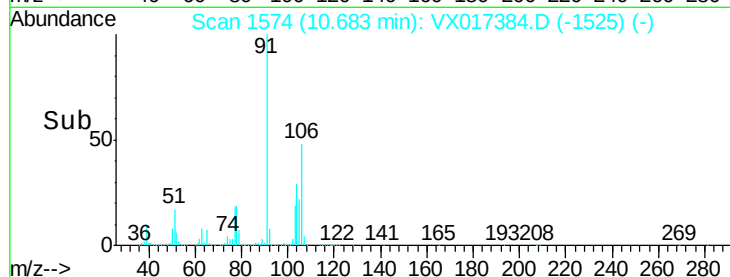
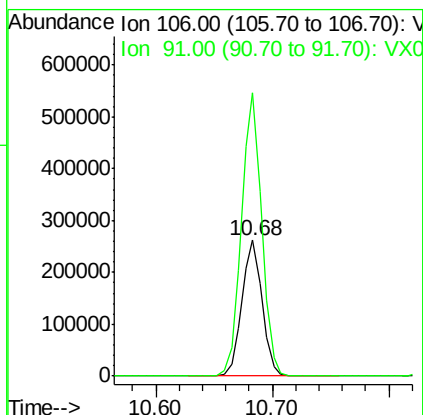
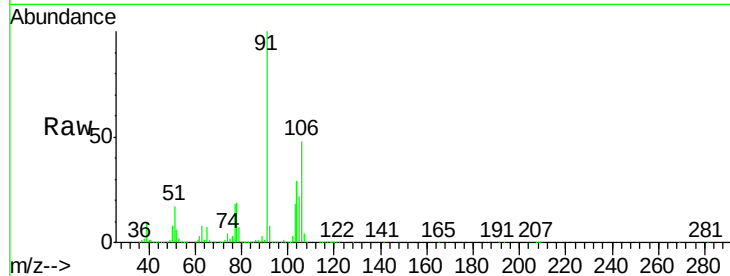
#69
o-Xylene
Concen: 49.271 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.8	106.1	318.1	

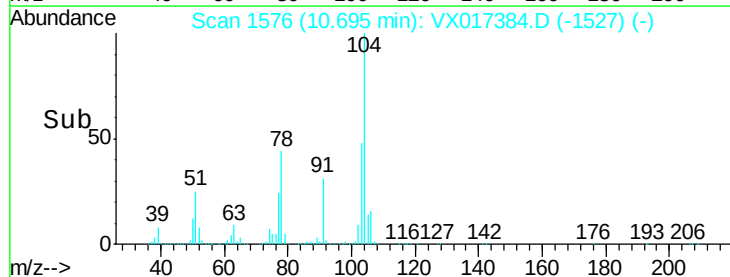
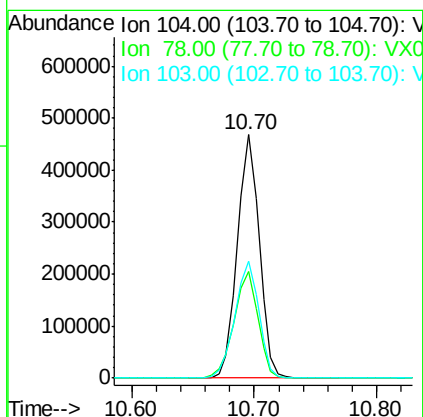
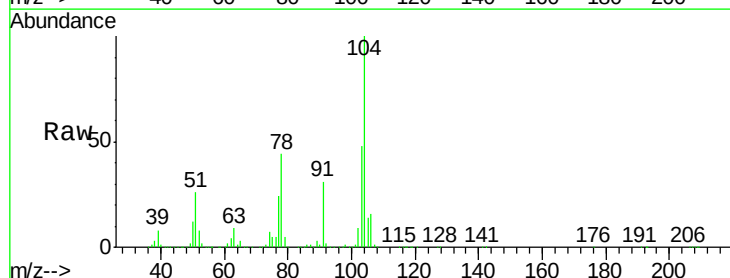
Manual Integrations
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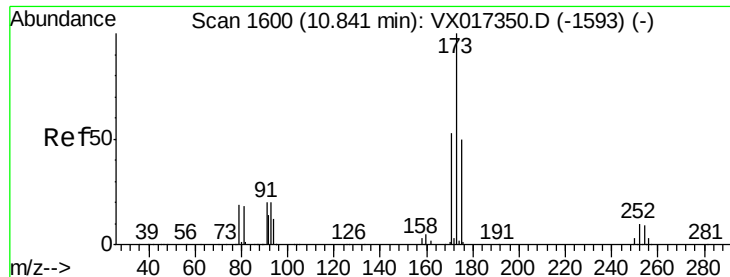
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#70
Styrene
Concen: 52.378 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.0	40.8	61.2	
103	52.5	43.3	64.9	





#71

Bromoform

Concen: 48.446 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 173093

Ion Ratio Lower Upper

173 100

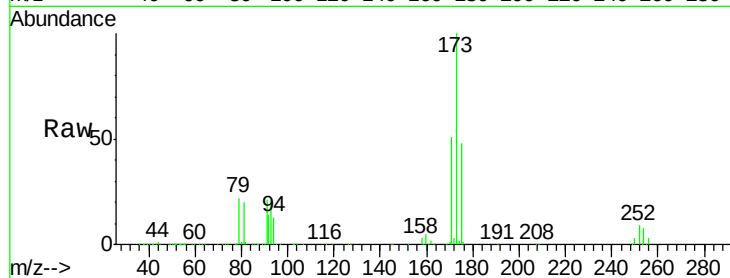
175 47.8 24.7 74.1

254 0.2 0.1 0.1#

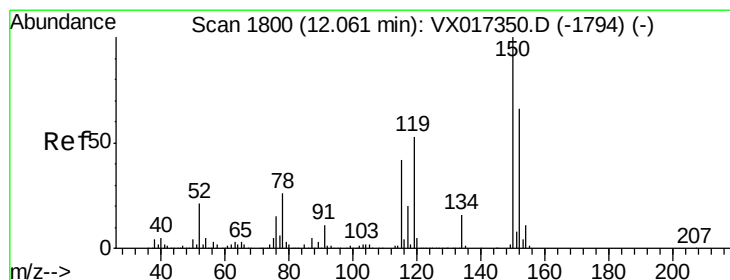
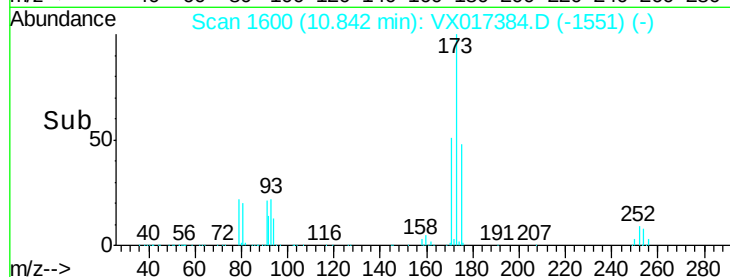
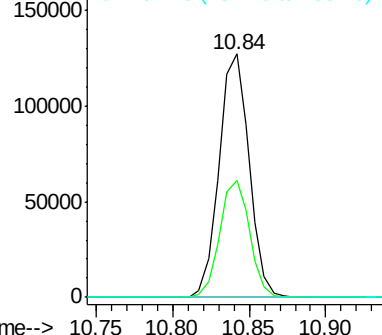
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

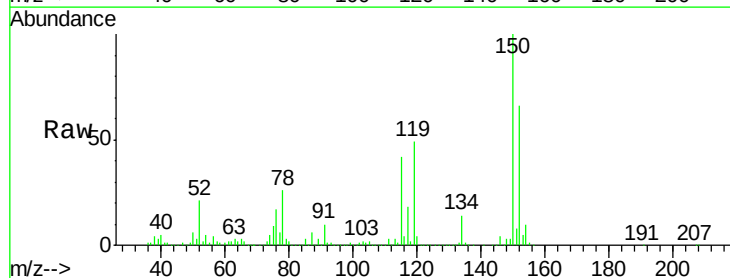
Tgt Ion:152 Resp: 288276

Ion Ratio Lower Upper

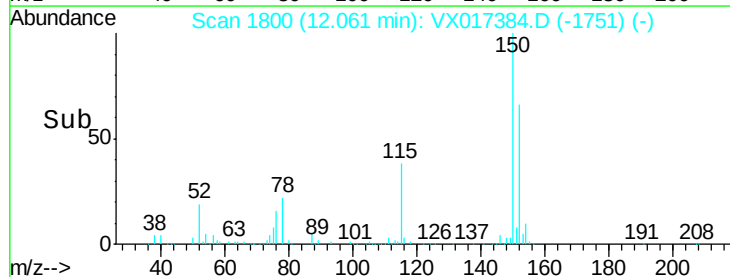
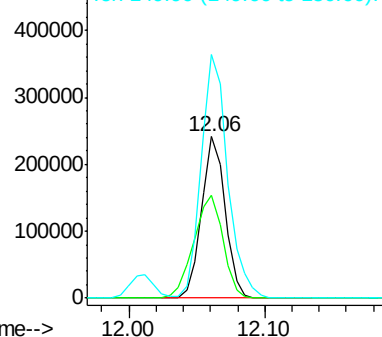
152 100

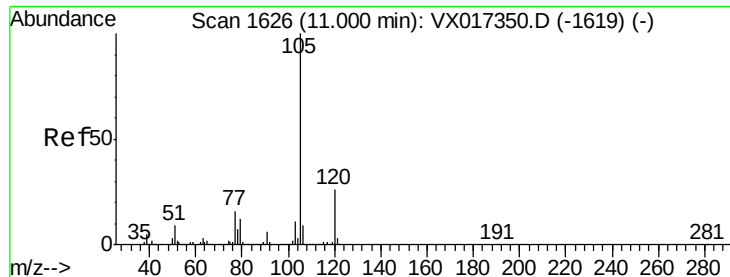
115 78.7 39.9 119.7

150 170.9 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: 47.002 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 849369

Ion Ratio Lower Upper

105 100

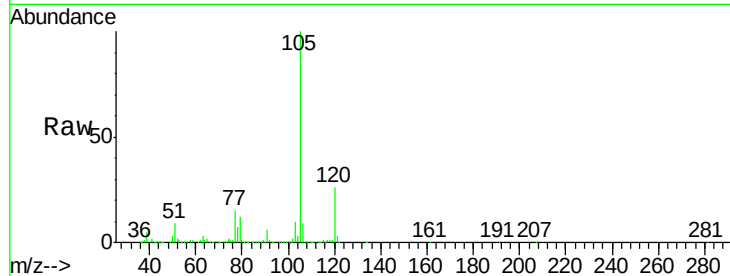
120 27.0 13.3 39.8

Manual Integrations

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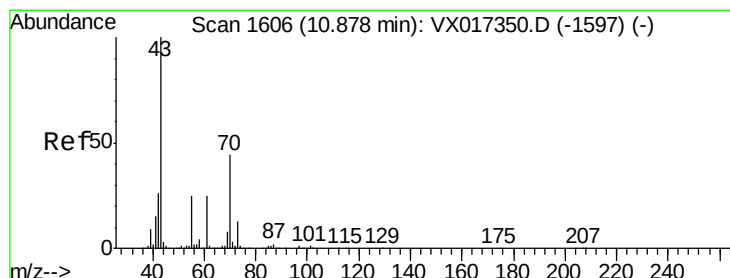
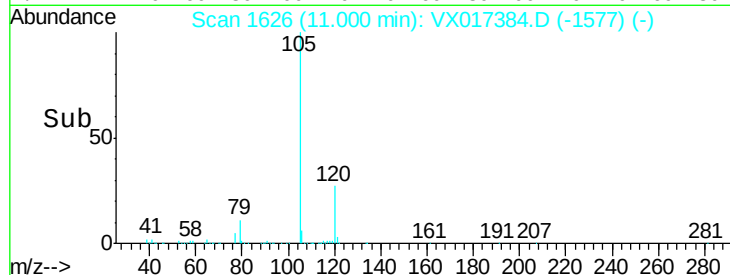
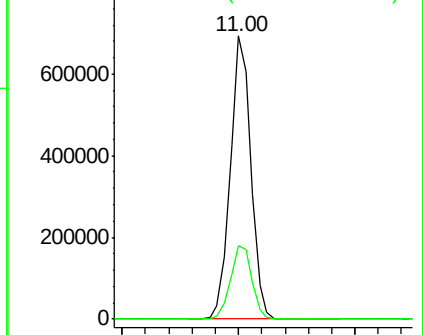
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.756 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion: 43 Resp: 374269

Ion Ratio Lower Upper

43 100

70 43.4 35.7 53.5

55 25.9 20.3 30.5

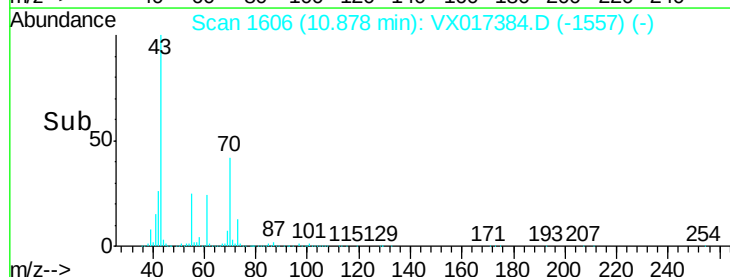
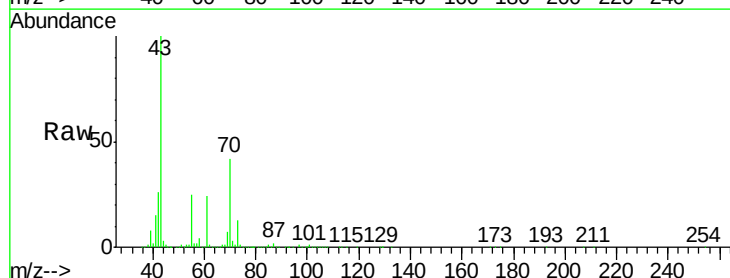
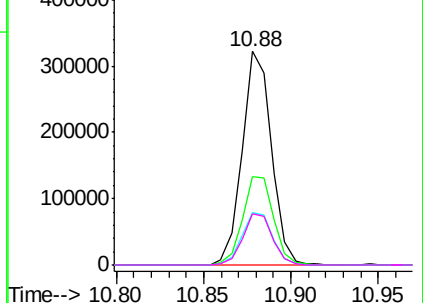
61 24.3 20.0 30.0

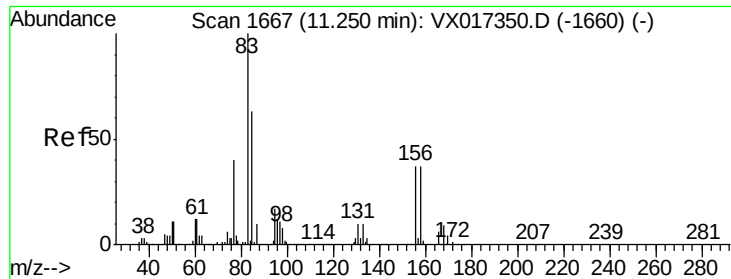
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.716 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 278270

Ion Ratio Lower Upper

83 100

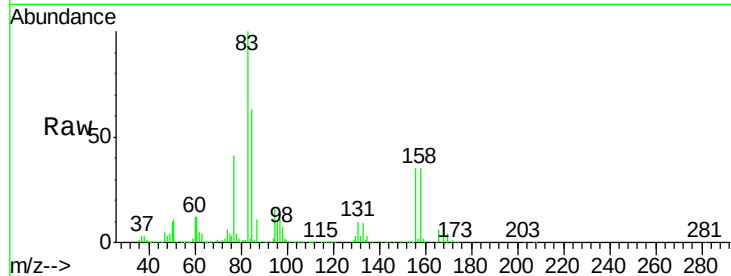
131 10.5 5.5 16.7

85 63.0 32.6 98.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

250000

200000

150000

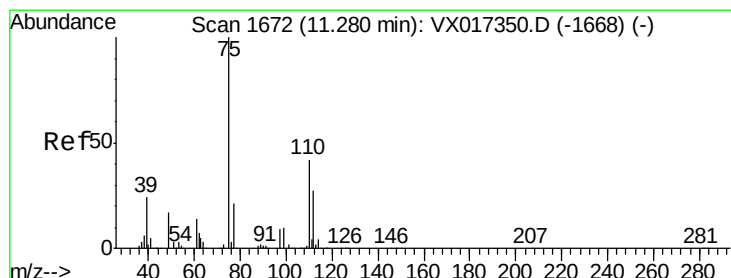
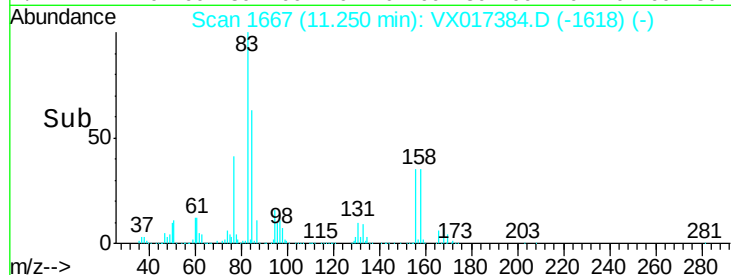
100000

50000

0

11.20 11.25 11.30

Time-->



#76

1,2,3-Trichloropropane

Concen: 50.208 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017384.D

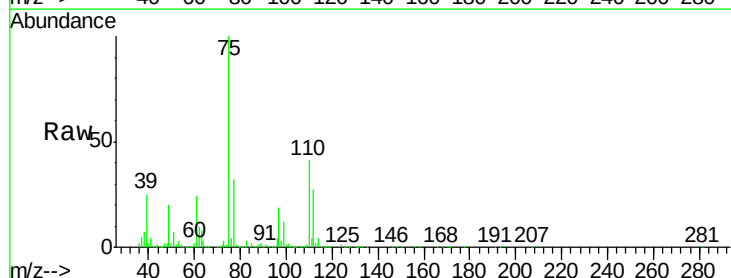
Acq: 16 Jul 2020 11:39

Tgt Ion: 75 Resp: 267451

Ion Ratio Lower Upper

75 100

77 40.2 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

300000

250000

200000

150000

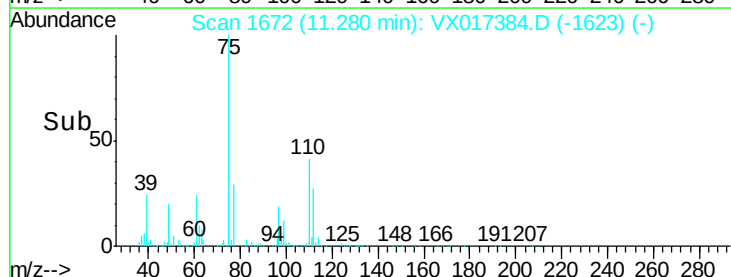
100000

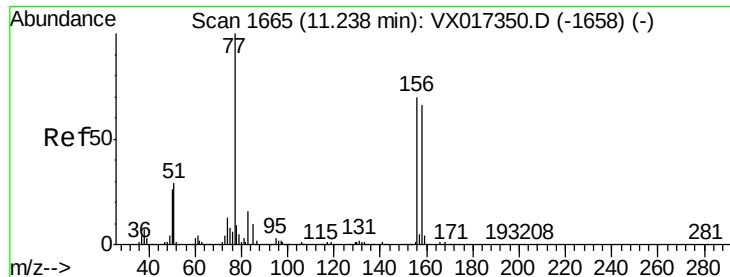
50000

0

11.24 11.26 11.28 11.30

Time-->





#77

Bromobenzene

Concen: 44.425 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

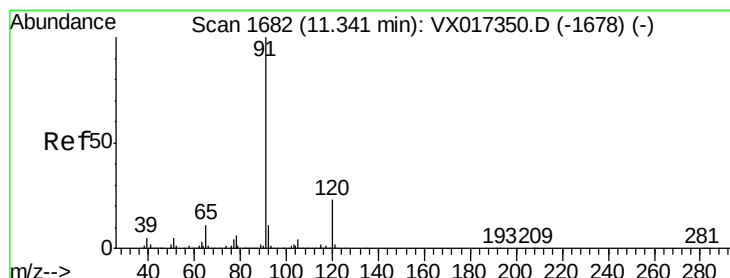
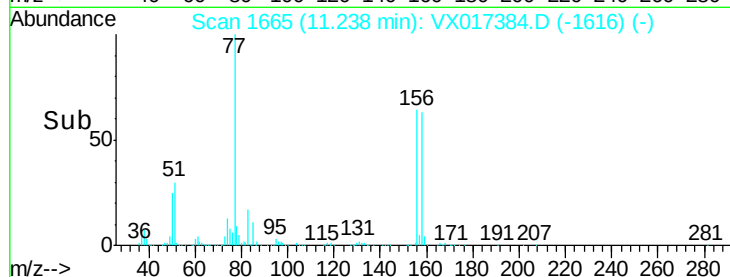
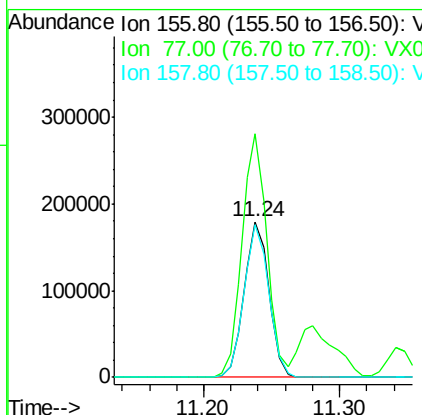
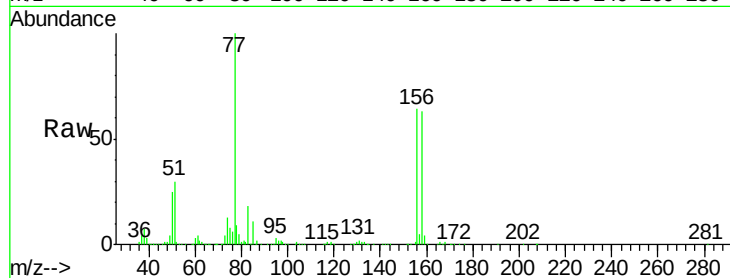
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	228650
Ion Ratio	Lower	Upper	
156	100		
77	156.9	72.1	216.3
158	98.3	47.4	142.3

Manual Integrations
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#78

n-propylbenzene

Concen: 49.296 ug/l

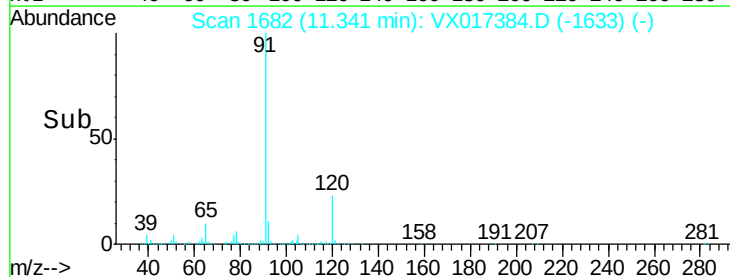
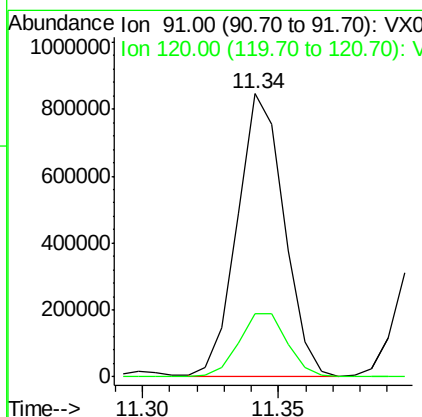
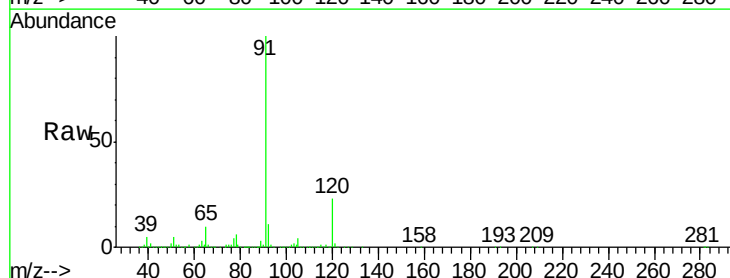
RT: 11.34 min Scan# 1682

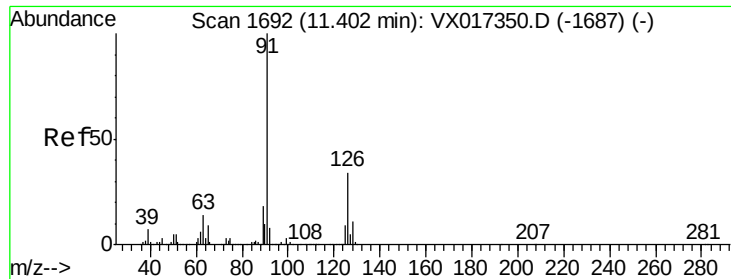
Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion:	91	Resp:	1000484
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9





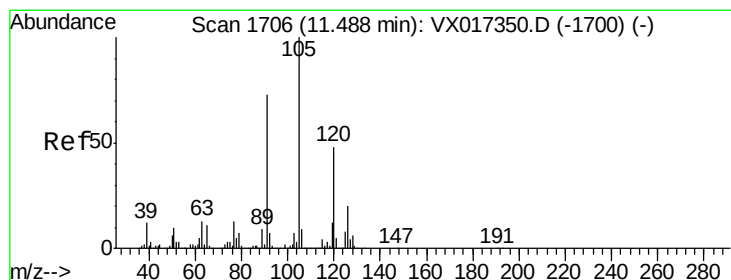
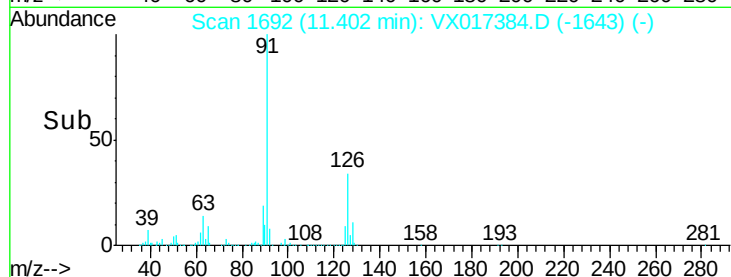
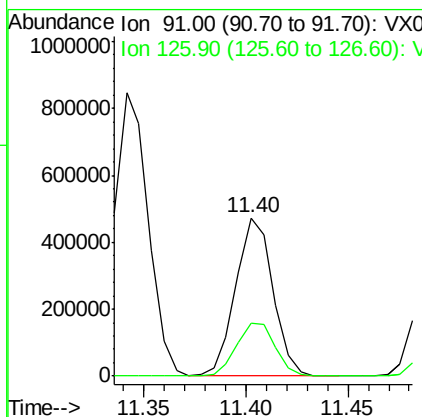
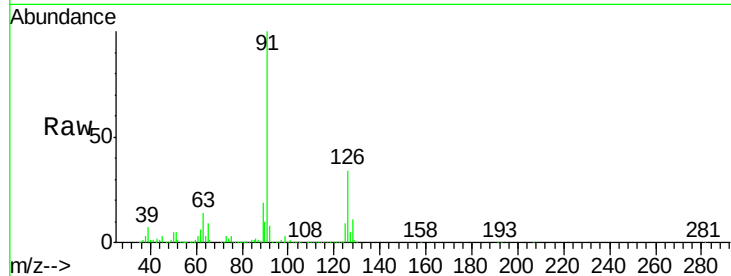
#79
 2-Chlorotoluene
 Concen: 47.756 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 597272
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.3

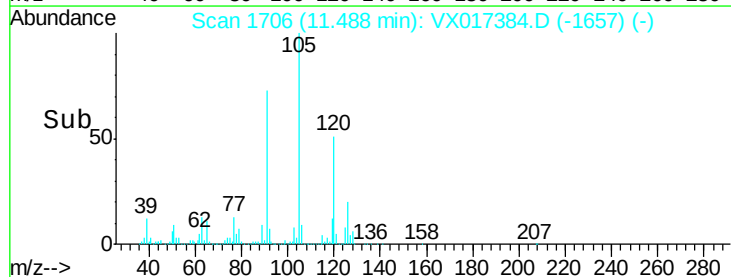
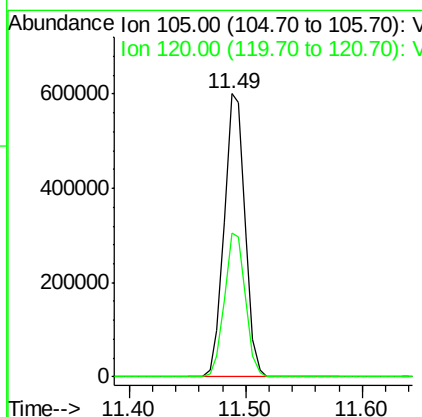
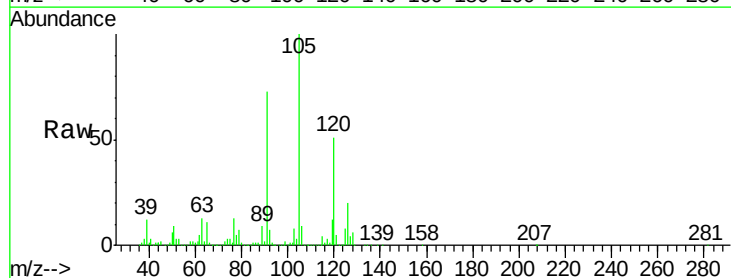
Manual Integrations
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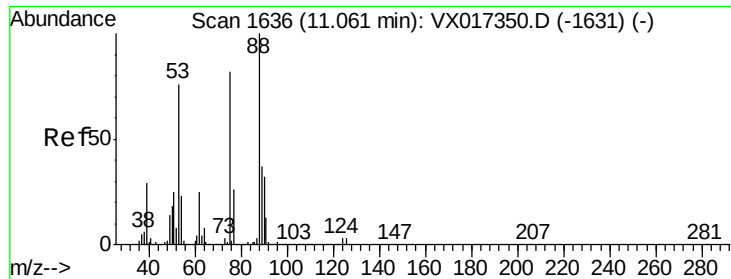
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.121 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion: 105 Resp: 738175
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.8 74.4





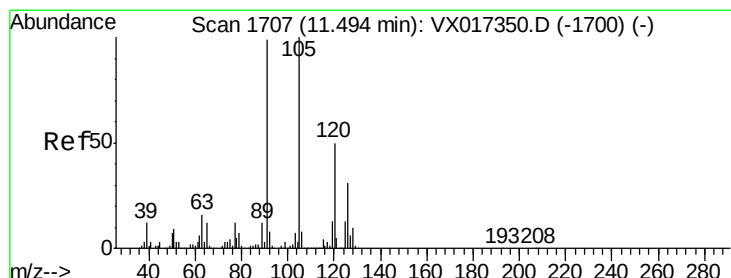
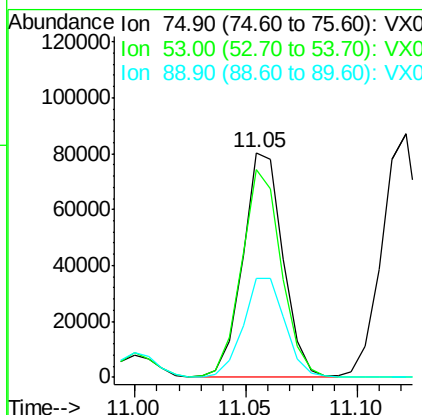
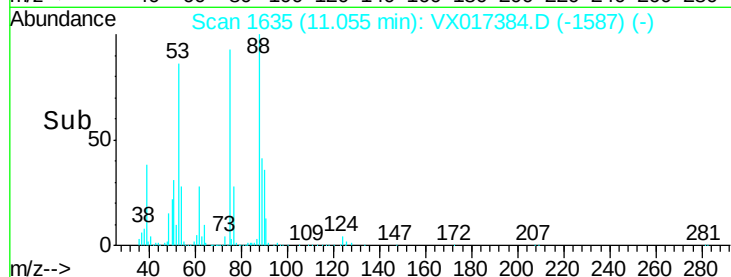
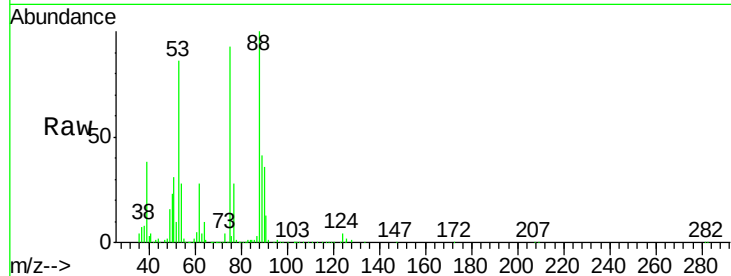
#81
trans-1,4-Dichloro-2-butene
Concen: 47.552 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.3	76.5	114.7
89	46.3	38.1	57.1

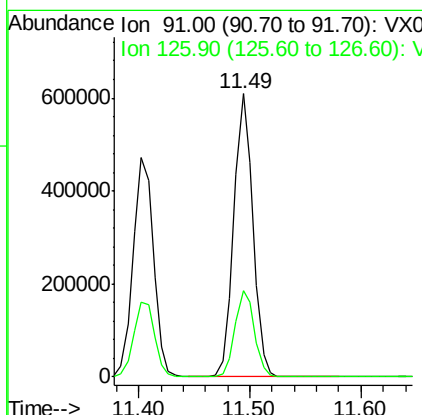
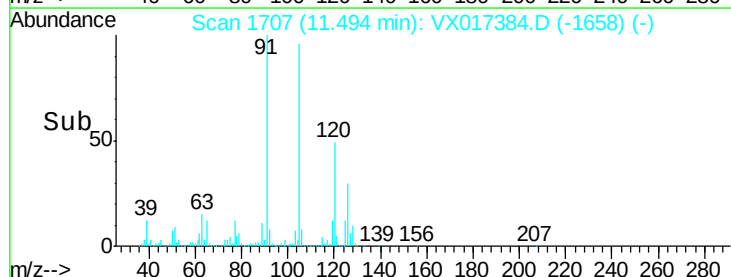
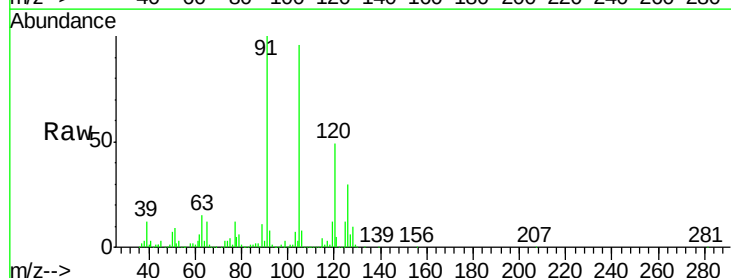
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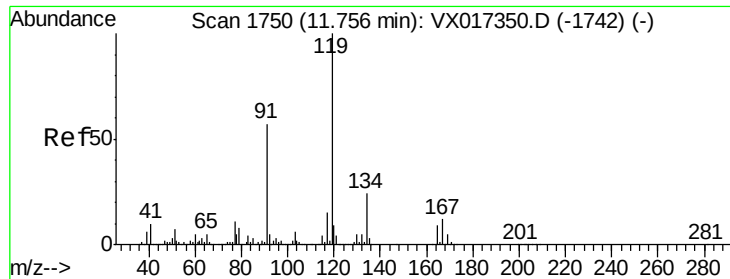
MMDadoda
7/17/2020 4:44:08 PM



#82
4-Chlorotoluene
Concen: 48.683 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





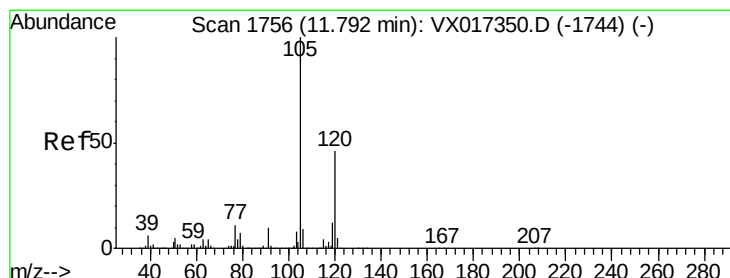
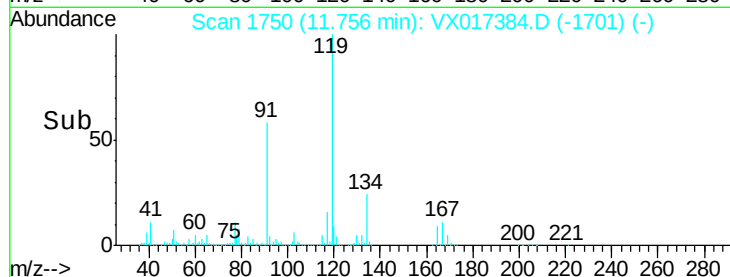
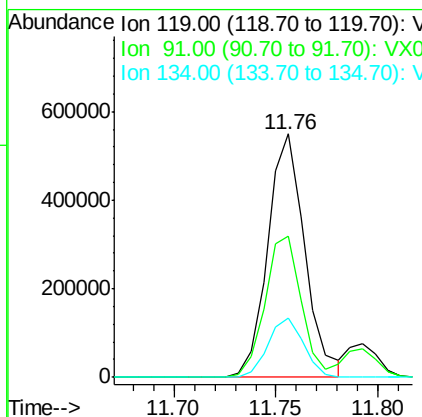
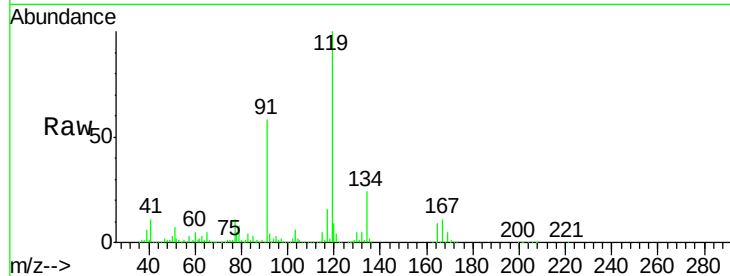
#83
 tert-Butylbenzene
 Concen: 46.808 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	694101		
91	56.8	28.5	85.6	
134	23.7	11.9	35.9	

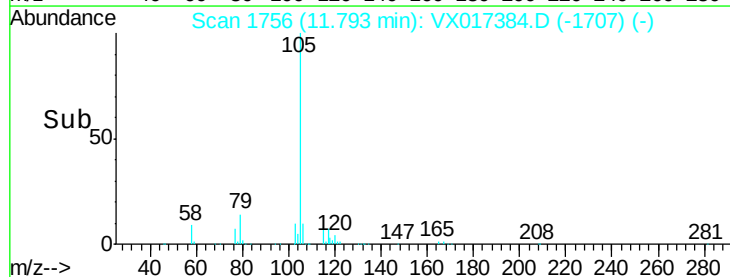
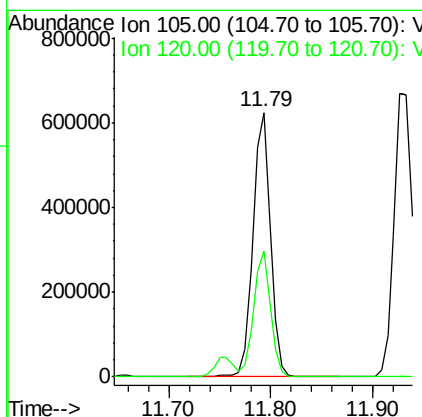
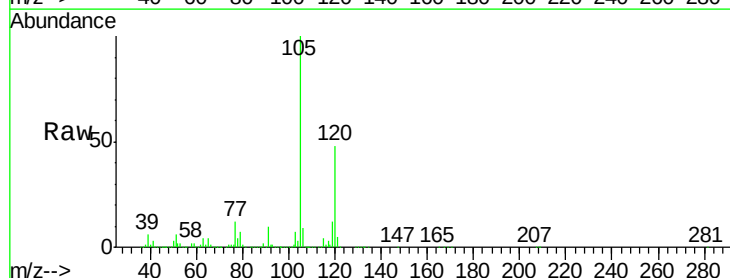
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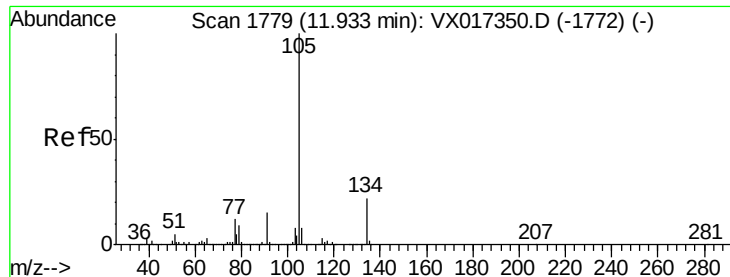
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.907 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	757934		
120	46.0	22.8	68.4	





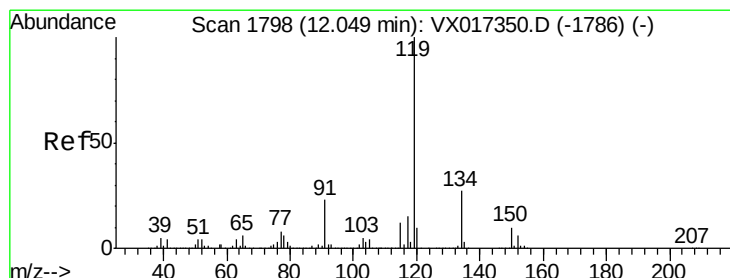
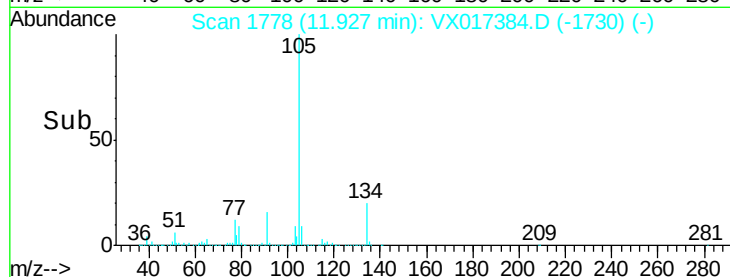
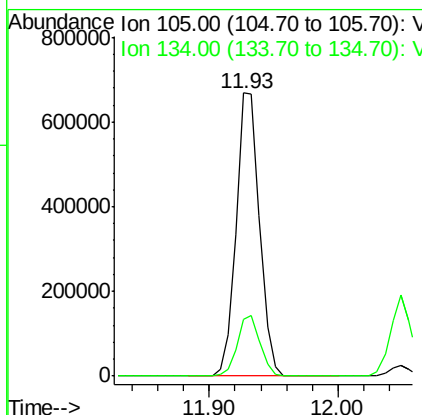
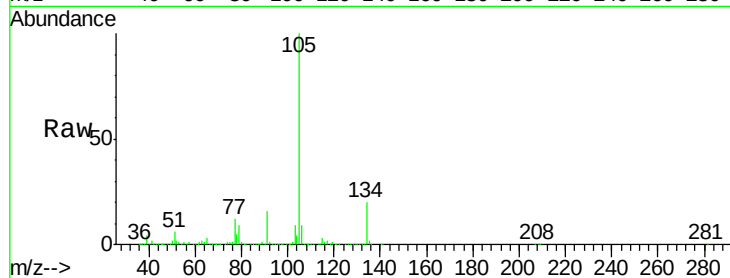
#85
 sec-Butylbenzene
 Concen: 48.572 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.5	31.5

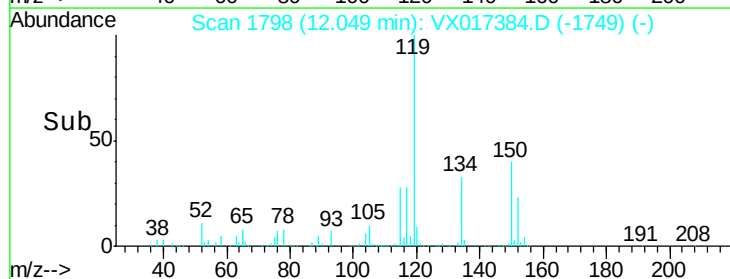
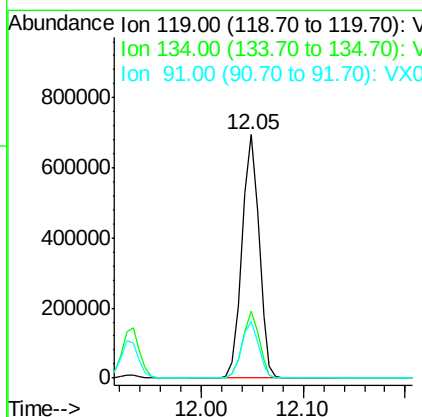
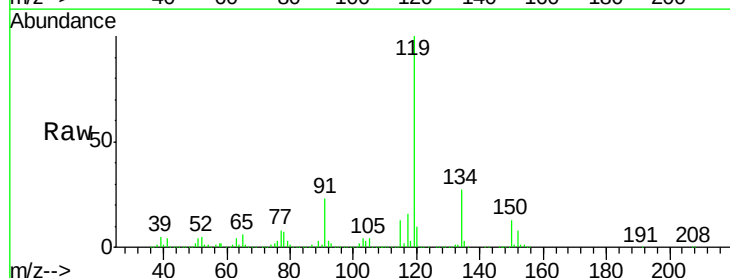
Manual Integrations
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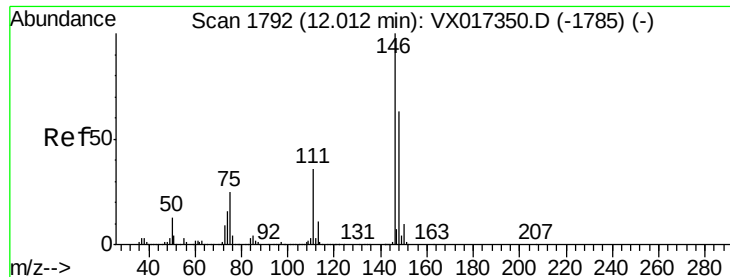
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#86
 p-Isopropyltoluene
 Concen: 48.701 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.5
91	23.2	11.8	35.3





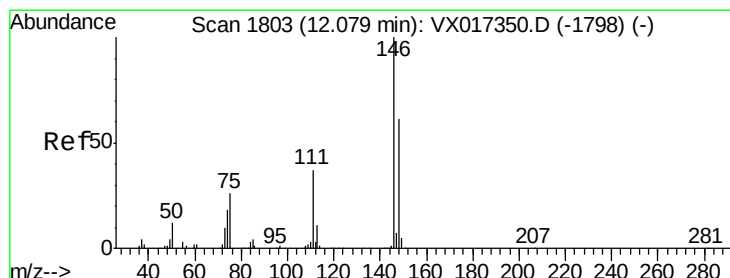
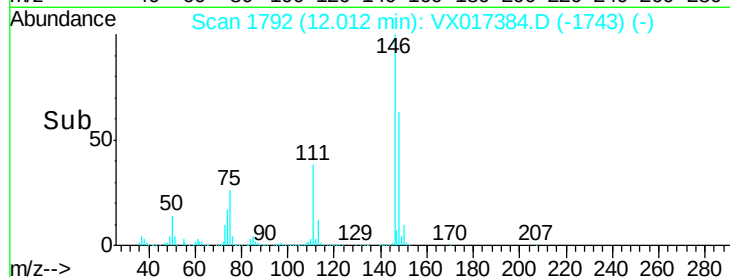
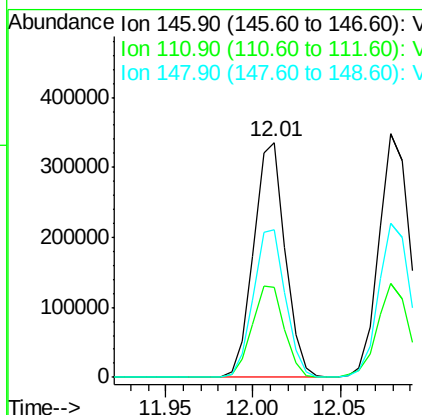
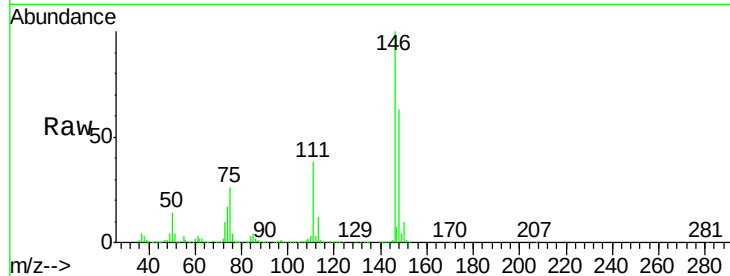
#87
 1,3-Dichlorobenzene
 Concen: 45.744 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.2	57.6
148	64.0	31.6	95.0

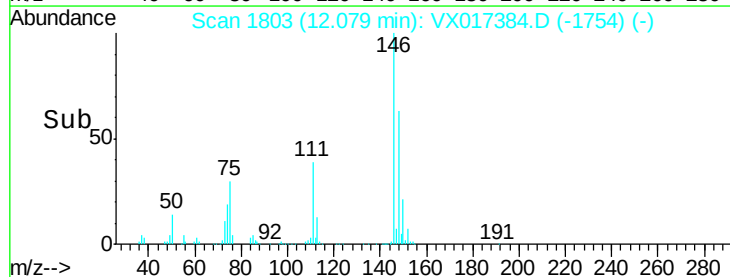
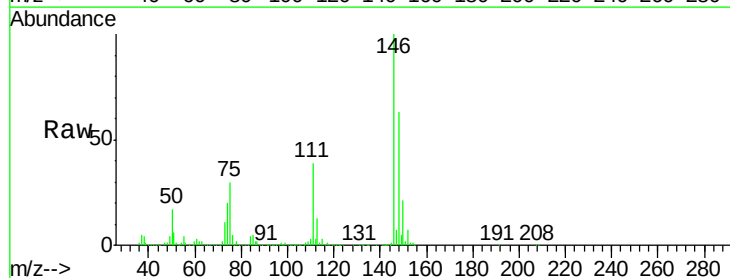
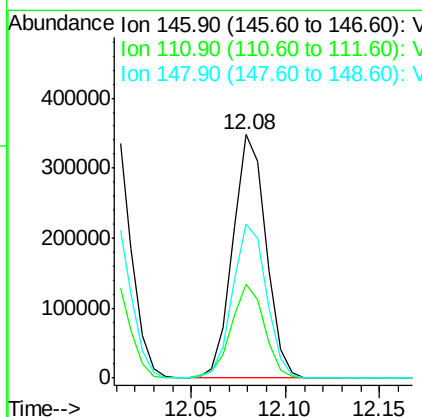
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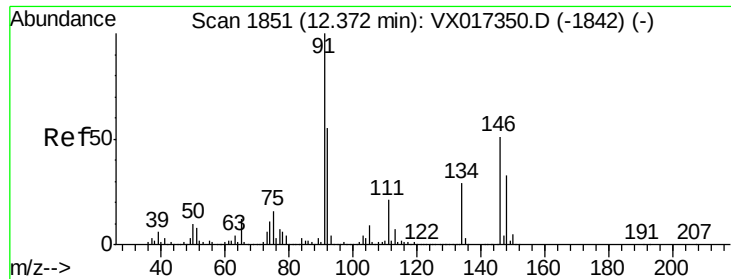
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#88
 1,4-Dichlorobenzene
 Concen: 45.646 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	64.5	31.9	95.9





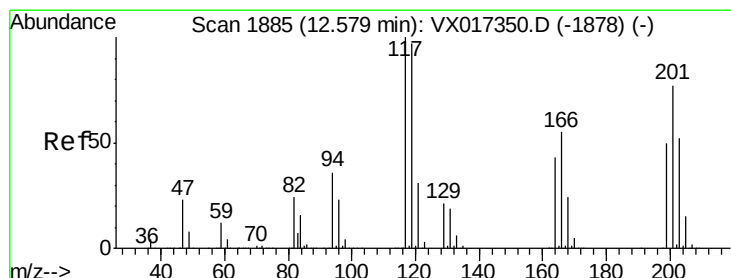
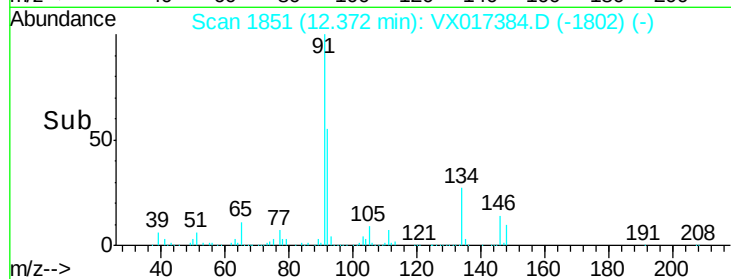
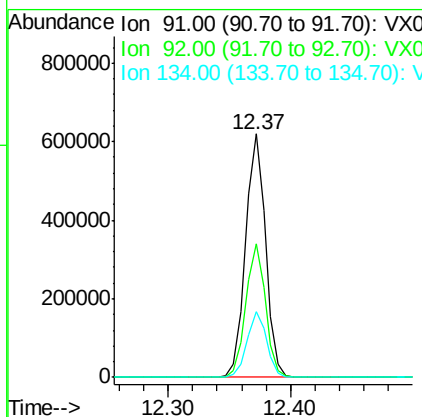
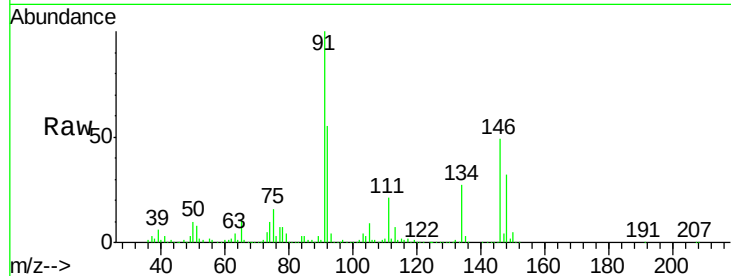
#89
n-Butylbenzene
Concen: 49.913 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	699251		
92	53.8	27.0	81.0	
134	26.6	14.1	42.2	

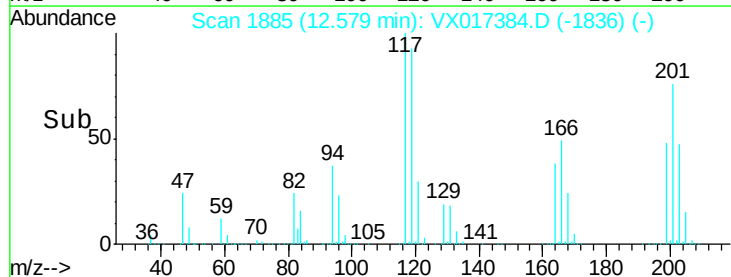
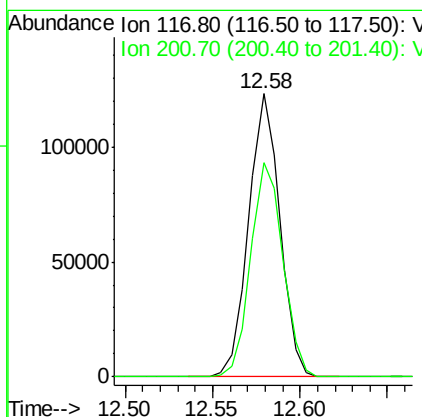
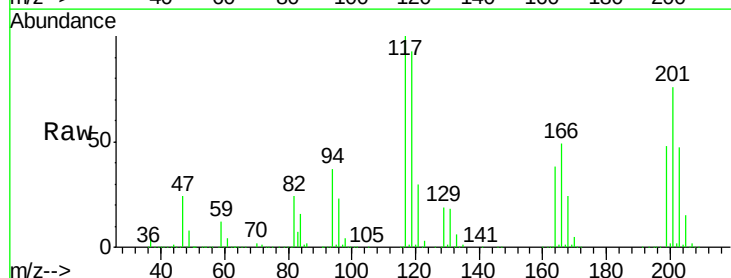
Manual Integrations
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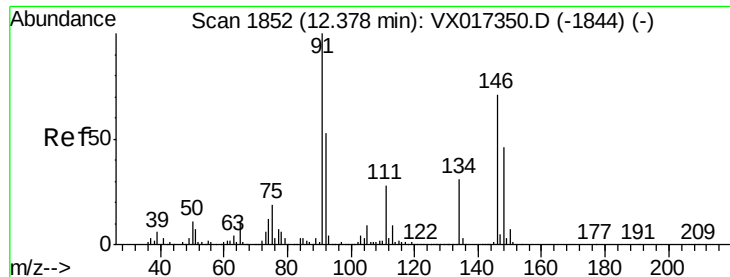
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#90
Hexachloroethane
Concen: 49.058 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	152991		
201	78.1	41.0	123.0	





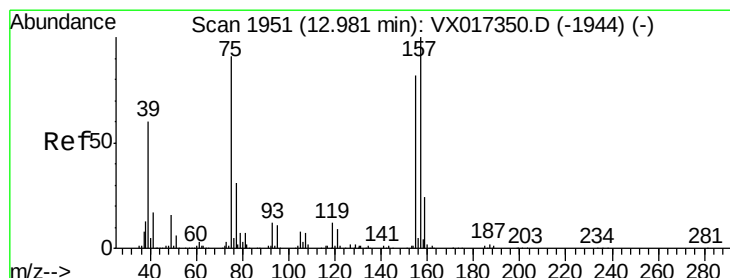
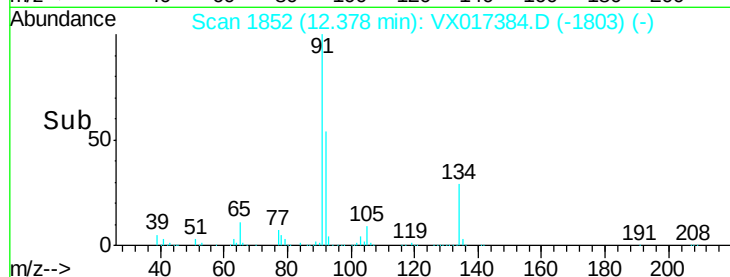
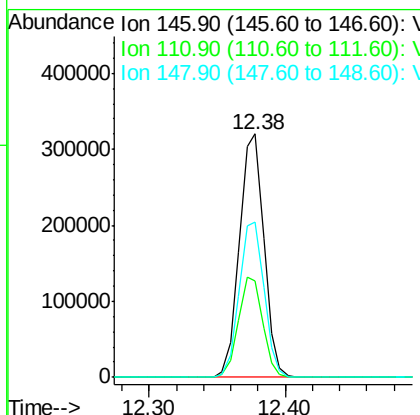
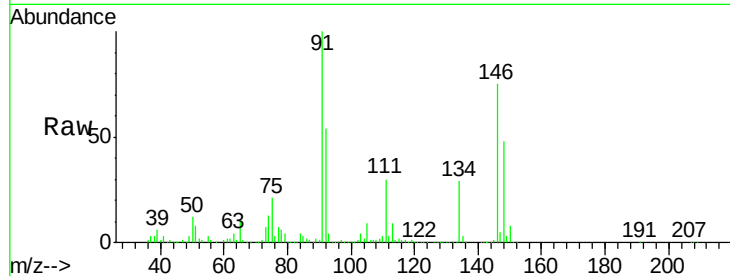
#91
 1,2-Dichlorobenzene
 Concen: 46.627 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	64.6	32.0	96.0

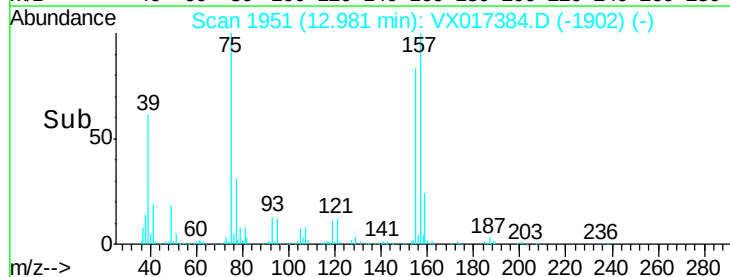
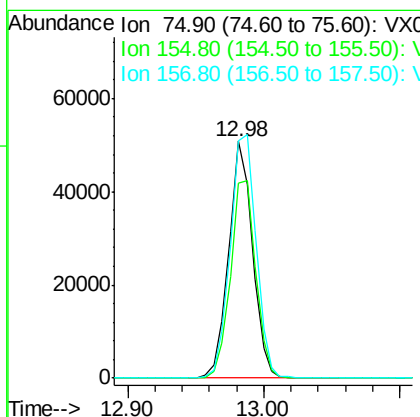
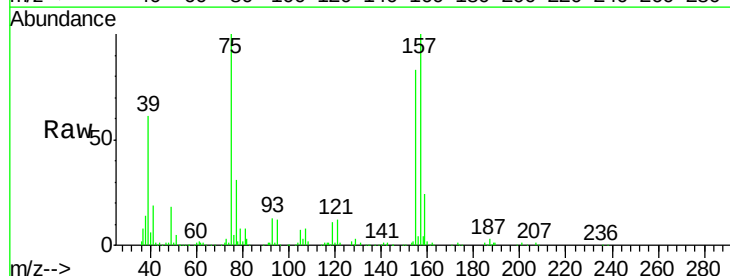
Manual Integrations
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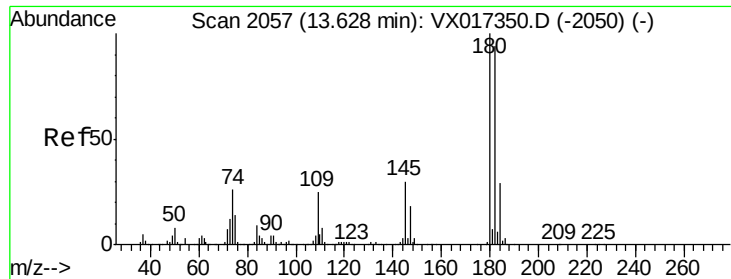
MMDadoda
 7/17/2020 4:44:08 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.776 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	46.5	139.3
157	111.5	58.0	173.9





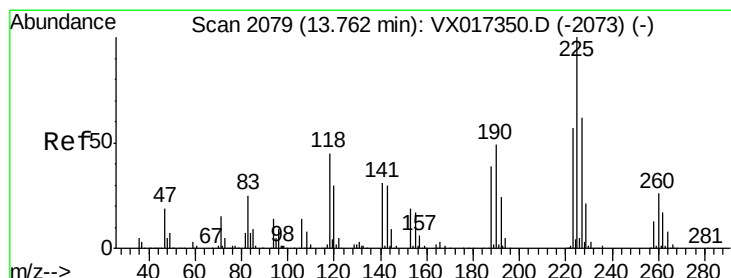
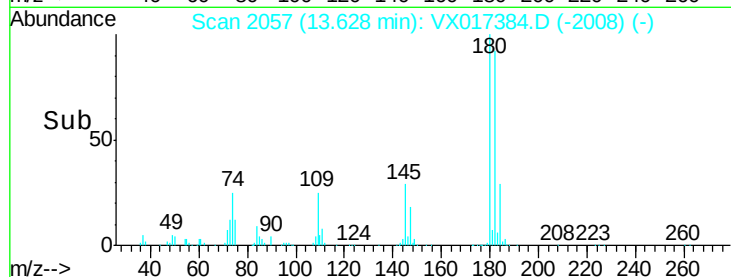
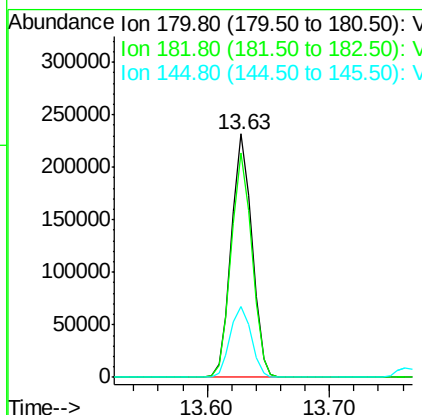
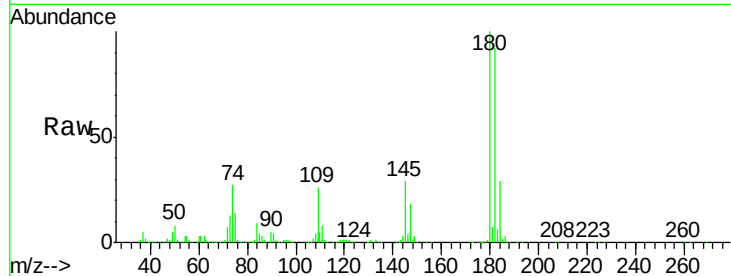
#93
 1,2,4-Trichlorobenzene
 Concen: 44.634 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	268083		
182	92.9	48.4	145.0	
145	30.2	15.3	45.8	

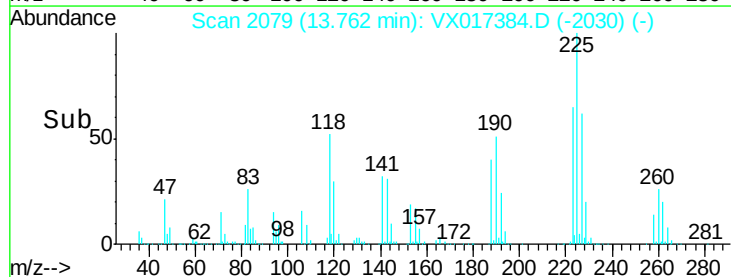
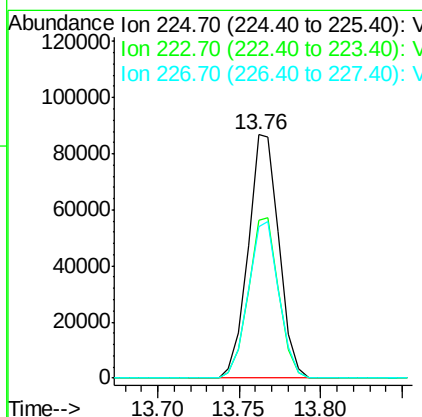
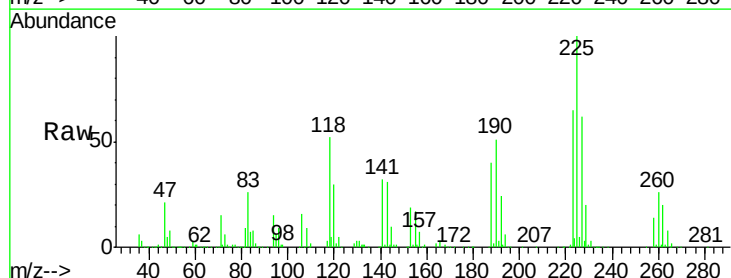
Manual Integrations
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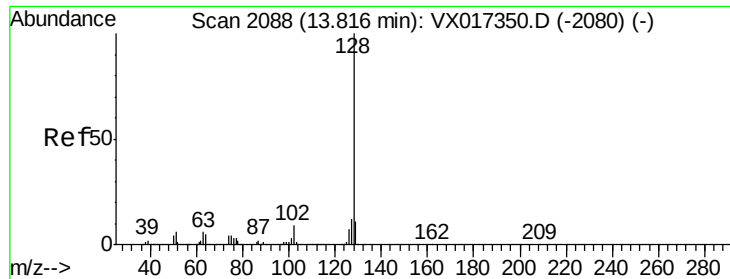
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 7/17/2020 4:44:08 PM



#94
 Hexachlorobutadiene
 Concen: 46.464 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	113811		
223	64.7	31.3	93.8	
227	63.8	31.6	95.0	





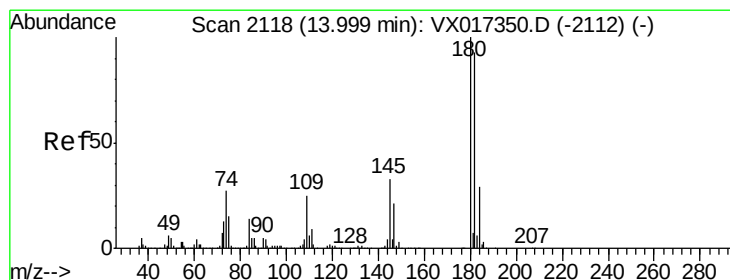
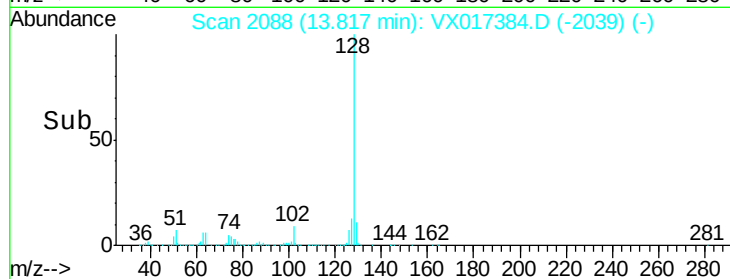
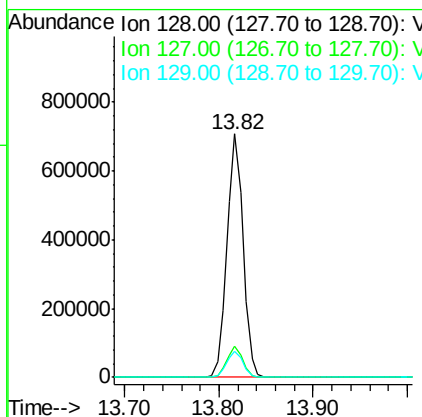
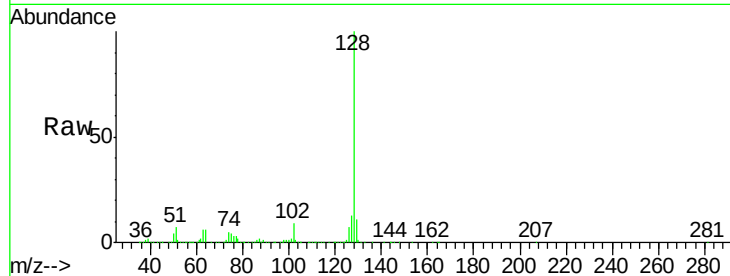
#95
Naphthalene
Concen: 47.668 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	841812		
127	12.6	10.2	15.4	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
7/17/2020 4:44:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.088 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267401		
182	93.4	48.8	146.3	
145	31.3	16.6	49.7	

