

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX07162.D
 Acq On : 06 Jul 2020 12:59
 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
 7/7/2020 12:24:36 PM

Quant Time: Jul 06 15:42:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	323131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	441583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193828	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.46	113	158140	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
50) Toluene-d8	8.70	98	575718	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.12	95	233155	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146708	46.930	ug/l	98
3) Chloromethane	1.31	50	143306	37.872	ug/l	99
4) Vinyl Chloride	1.39	62	145490	41.441	ug/l	98
5) Bromomethane	1.62	94	86414	46.588	ug/l	99
6) Chloroethane	1.71	64	91473	44.115	ug/l	99
7) Trichlorofluoromethane	1.92	101	261239	50.312	ug/l	100
8) Diethyl Ether	2.17	74	84775	48.535	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150100	48.232	ug/l	96
10) Methyl Iodide	2.49	142	150188	37.401	ug/l	99
11) Tert butyl alcohol	3.01	59	158119	208.066	ug/l	100
12) 1,1-Dichloroethene	2.36	96	140781	44.036	ug/l	99
13) Acrolein	2.27	56	64383	141.725	ug/l	98
14) Allyl chloride	2.71	41	247230	41.845	ug/l	96
15) Acrylonitrile	3.11	53	379337	207.642	ug/l	98
16) Acetone	2.42	43	312428	209.653	ug/l	99
17) Carbon Disulfide	2.55	76	401395	44.996	ug/l	99
18) Methyl Acetate	2.75	43	169905	43.675	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	508418	47.385	ug/l	98
20) Methylene Chloride	2.83	84	162499	47.507	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	161644	45.562	ug/l	99
22) Diisopropyl ether	3.82	45	488128	44.639	ug/l	95
23) Vinyl Acetate	3.78	43	2132587	226.954	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278954	44.834	ug/l	98
25) 2-Butanone	4.63	43	510987	205.788	ug/l	100
26) 2,2-Dichloropropane	4.55	77	254986	46.155	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175839	43.743	ug/l	98
28) Bromochloromethane	4.98	49	133049	43.943	ug/l	94
29) Tetrahydrofuran	5.09	42	337249	205.562	ug/l	99
30) Chloroform	5.17	83	295491	46.328	ug/l	99
31) Cyclohexane	5.54	56	239978	44.621	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	276879	47.136	ug/l	99
36) 1,1-Dichloropropene	5.77	75	218211	49.369	ug/l	99
37) Ethyl Acetate	4.79	43	203207	45.313	ug/l	99
38) Carbon Tetrachloride	5.75	117	258159	53.029	ug/l	93

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MMDadoda
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Quant Time: Jul 06 15:42:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	250904	51.020	ug/l	98
40) Benzene	6.11	78	619703	47.719	ug/l	98
41) Methacrylonitrile	5.00	41	119236	47.241	ug/l	98
42) 1,2-Dichloroethane	6.16	62	240023	51.168	ug/l	100
43) Isopropyl Acetate	6.41	43	342136	45.912	ug/l	99
44) Trichloroethene	7.18	130	188757	52.688	ug/l	97
45) 1,2-Dichloropropane	7.49	63	157549	47.234	ug/l	98
46) Dibromomethane	7.63	93	113121	49.675	ug/l	95
47) Bromodichloromethane	7.87	83	241109	51.377	ug/l	96
48) Methyl methacrylate	7.74	41	170187	48.070	ug/l	96
49) 1,4-Dioxane	7.71	88	70714	881.642	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1034854	232.963	ug/l	100
52) Toluene	8.76	92	407886	50.306	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	265878	51.349	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	278203	50.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165295	49.897	ug/l	99
56) Ethyl methacrylate	9.16	69	240867	51.084	ug/l	98
57) 1,3-Dichloropropane	9.35	76	270822	48.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	640091	272.766	ug/l	98
59) 2-Hexanone	9.47	43	772599	238.145	ug/l	100
60) Dibromochloromethane	9.56	129	202496	52.629	ug/l	99
61) 1,2-Dibromoethane	9.65	107	176896	49.678	ug/l	99
64) Tetrachloroethene	9.32	164	184396	51.741	ug/l	97
65) Chlorobenzene	10.12	112	453130	49.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	180487	51.385	ug/l	98
67) Ethyl Benzene	10.23	91	781593	51.351	ug/l	100
68) m/p-Xylenes	10.34	106	611897	104.702	ug/l	98
69) o-Xylene	10.68	106	286906	51.606	ug/l	97
70) Styrene	10.70	104	504113	53.248	ug/l	99
71) Bromoform	10.84	173	156460	56.173	ug/l	100
73) Isopropylbenzene	11.00	105	799187	48.651	ug/l	100
74) N-amyl acetate	10.88	43	316141	45.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228768	44.273	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224765m	45.576	ug/l	
77) Bromobenzene	11.24	156	217566	48.190	ug/l	95
78) n-propylbenzene	11.34	91	915107	49.262	ug/l	100
79) 2-Chlorotoluene	11.40	91	549572	48.883	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	692096	50.793	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	87558	45.977	ug/l	97
82) 4-Chlorotoluene	11.49	91	658877	49.024	ug/l	99
83) tert-Butylbenzene	11.76	119	669540	50.056	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	709199	51.304	ug/l	99
85) sec-Butylbenzene	11.93	105	779589	49.583	ug/l	99
86) p-Isopropyltoluene	12.05	119	752630	51.420	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	389316	47.479	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	395431	51.142	ug/l	99
89) n-Butylbenzene	12.37	91	620806	47.501	ug/l	98
90) Hexachloroethane	12.58	117	137948	47.792	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	361358	47.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51899	42.103	ug/l	96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	253494	48.456	ug/l	99
94) Hexachlorobutadiene	13.76	225	100027	50.374	ug/l	96
95) Naphthalene	13.82	128	776919	48.849	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	251794	49.734	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 323131

Ion Ratio Lower Upper

168 100

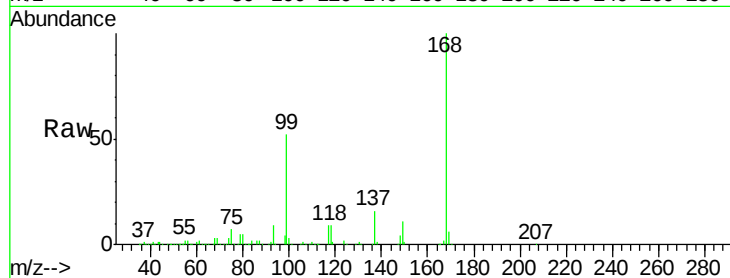
99 52.3 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

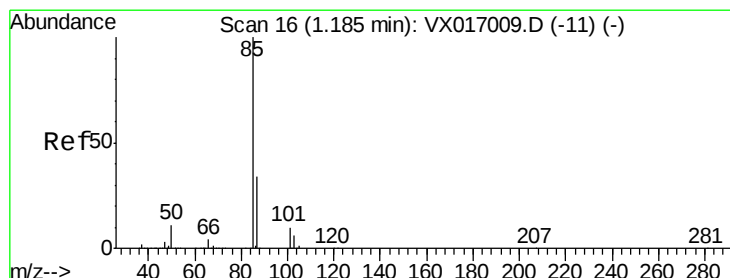
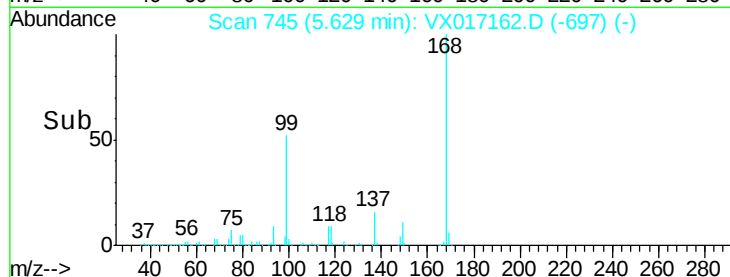
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.930 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017162.D

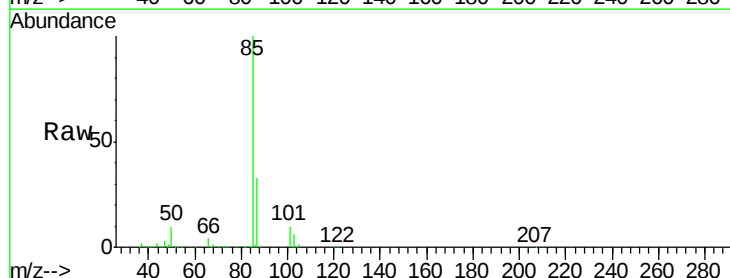
Acq: 06 Jul 2020 12:59

Tgt Ion: 85 Resp: 146708

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

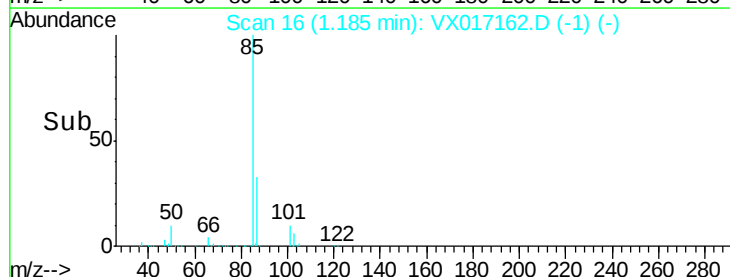
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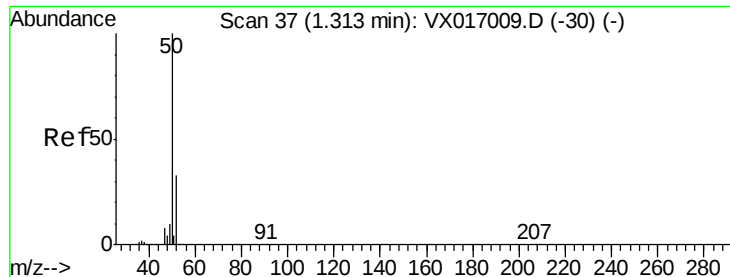
100000

50000

0

Time-->





#3

Chloromethane

Concen: 37.872 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 143306

Ion Ratio Lower Upper

50 100

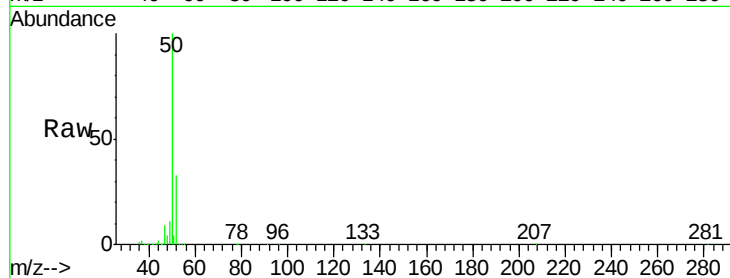
52 32.9 26.1 39.1

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

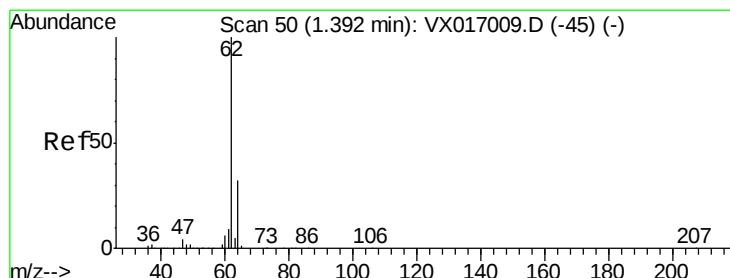
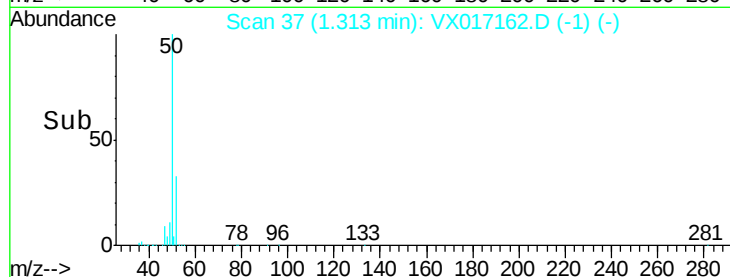
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 41.441 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017162.D

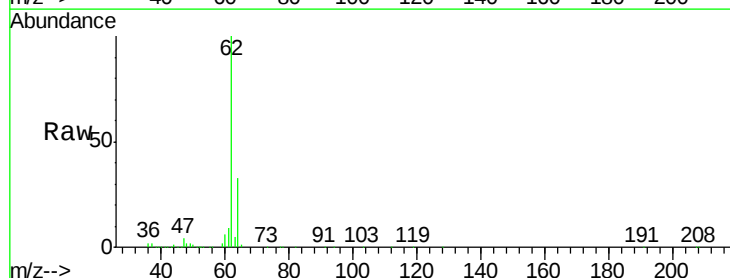
Acq: 06 Jul 2020 12:59

Tgt Ion: 62 Resp: 145490

Ion Ratio Lower Upper

62 100

64 33.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

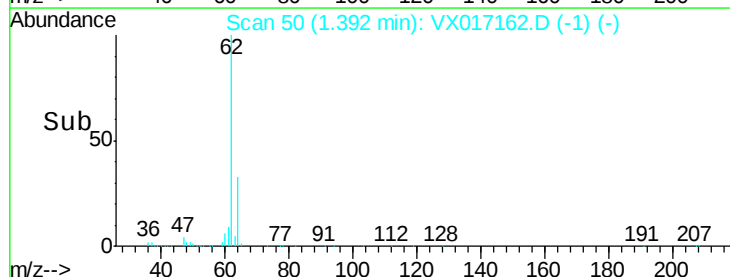
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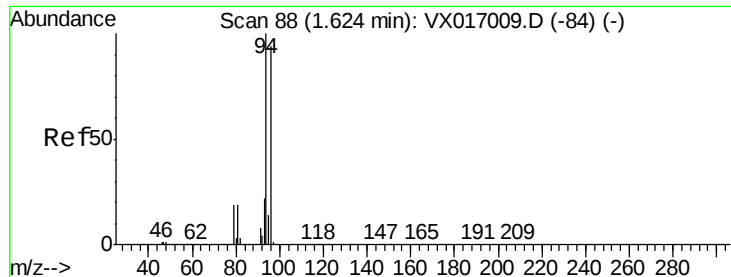
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.588 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 86414

Ion Ratio Lower Upper

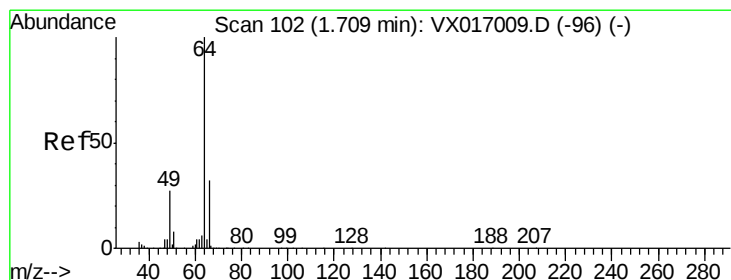
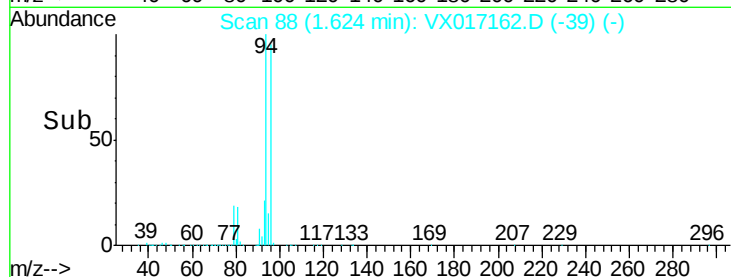
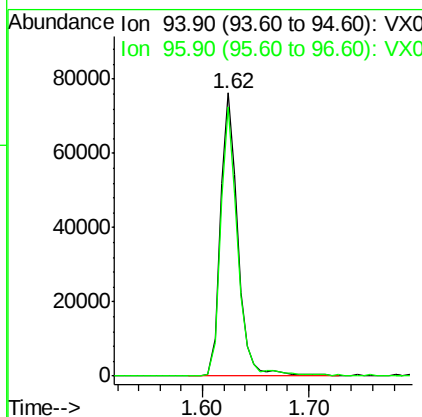
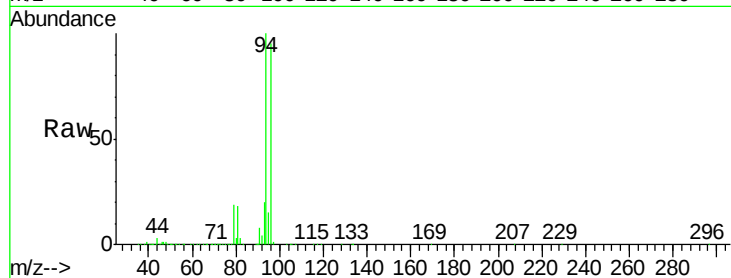
94 100

96 95.1 75.0 112.4

Manual Integrations
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#6

Chloroethane

Concen: 44.115 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017162.D

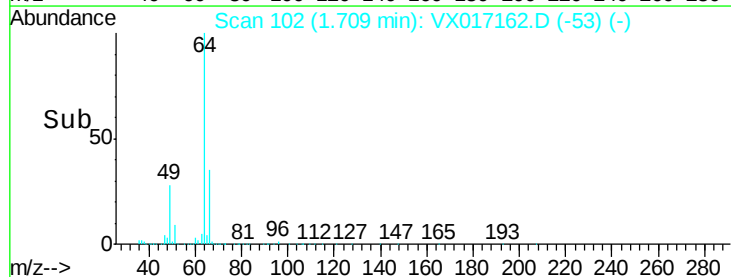
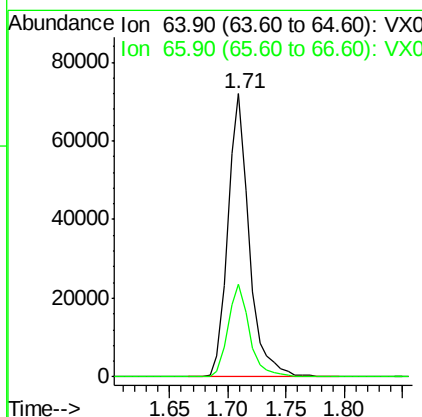
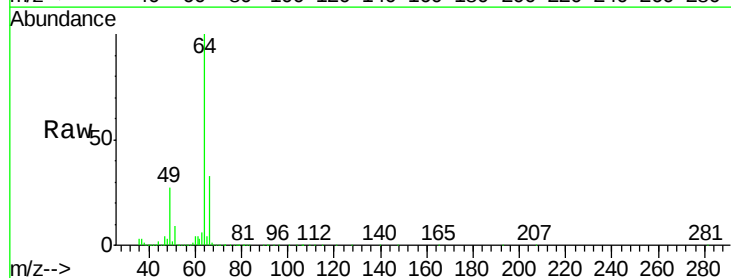
Acq: 06 Jul 2020 12:59

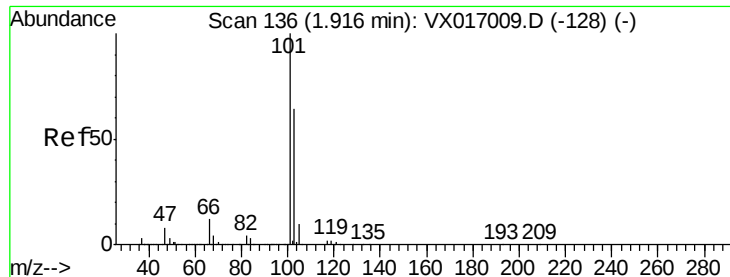
Tgt Ion: 64 Resp: 91473

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3





#7

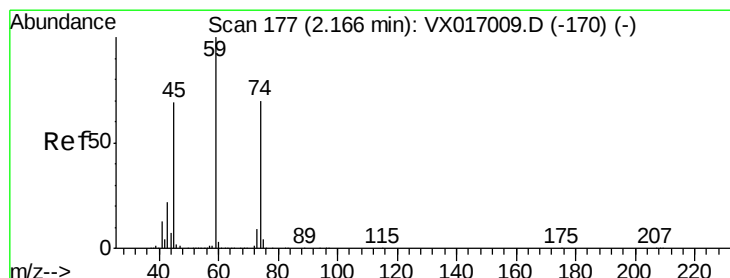
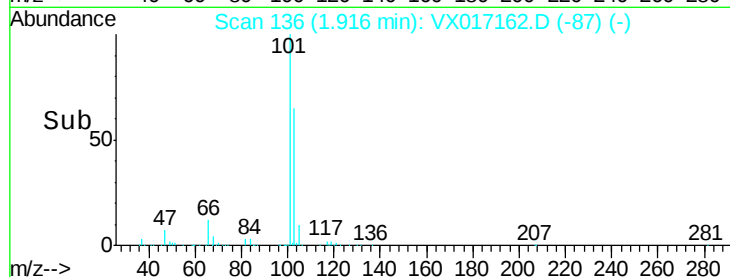
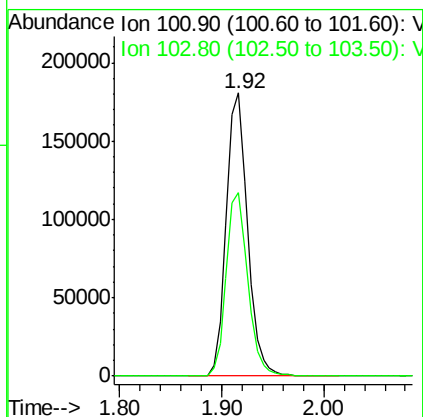
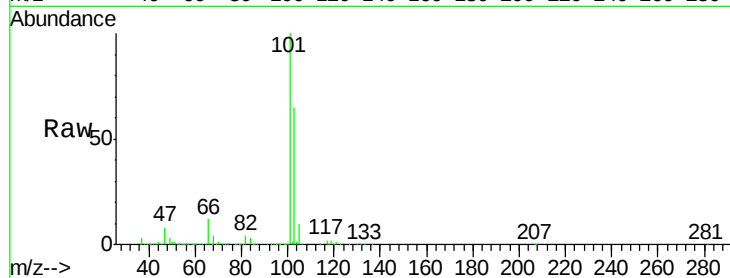
Trichlorofluoromethane
Concen: 50.312 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	261239		
103	64.8	51.5	77.3	

Manual Integrations
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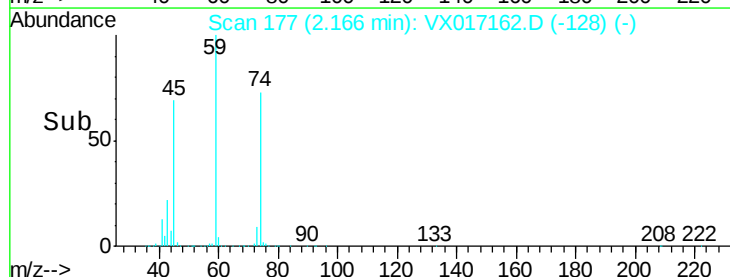
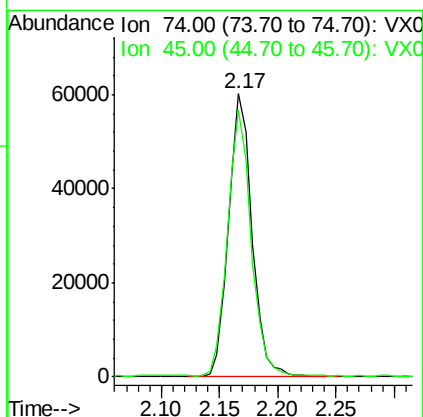
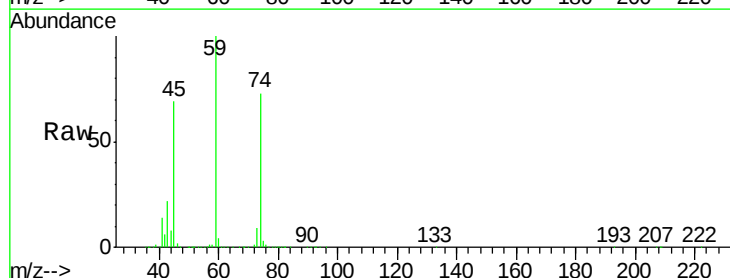
MMDadoda
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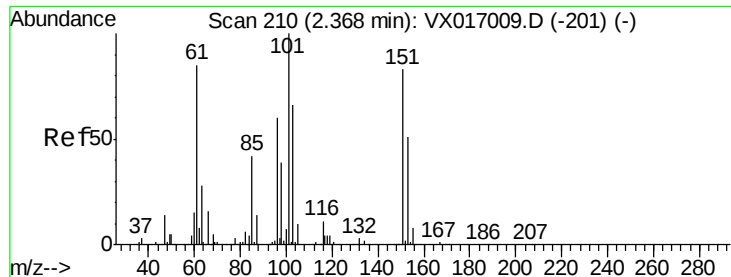


#8

Diethyl Ether
Concen: 48.535 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	84775		
45	94.4	49.8	149.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.232 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

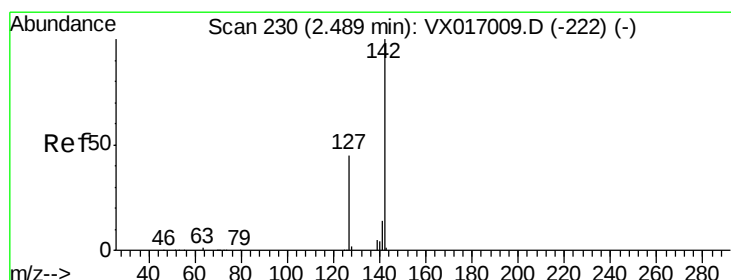
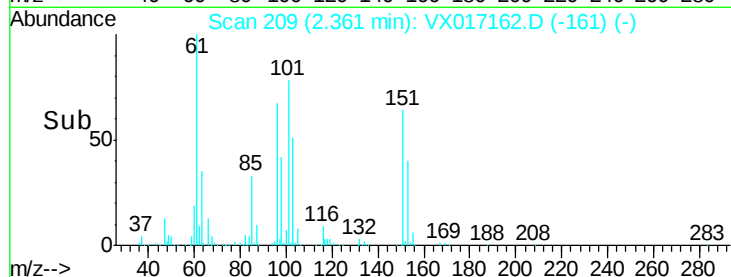
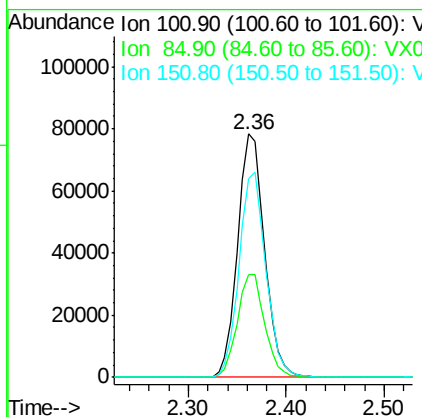
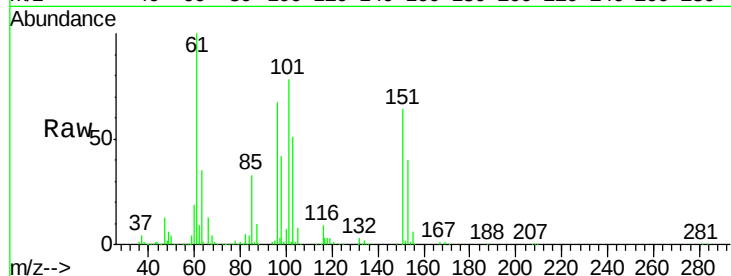
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	150100
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.5	50.3
151	83.8	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 37.401 ug/l

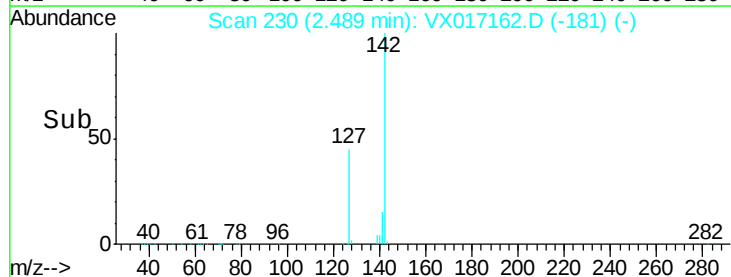
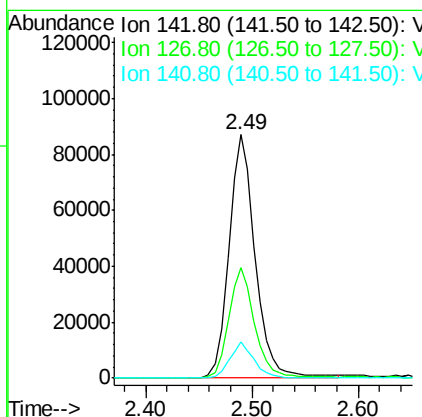
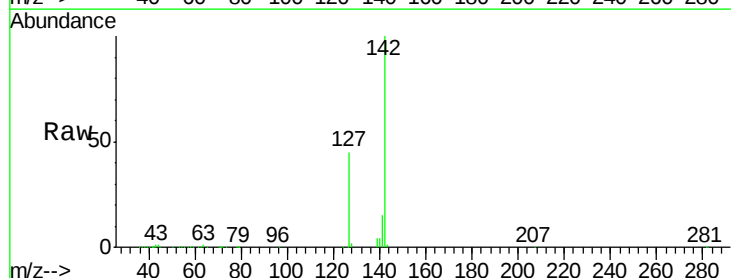
RT: 2.49 min Scan# 230

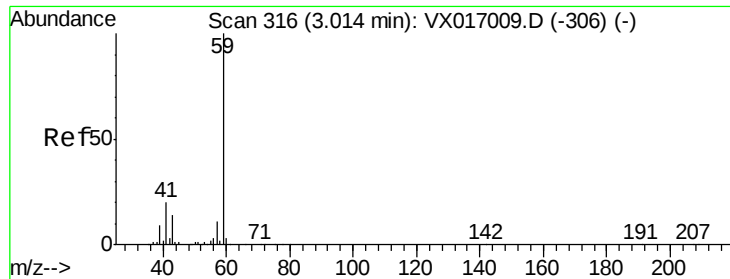
Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion:	142	Resp:	150188
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.6	54.8
141	13.8	11.6	17.4





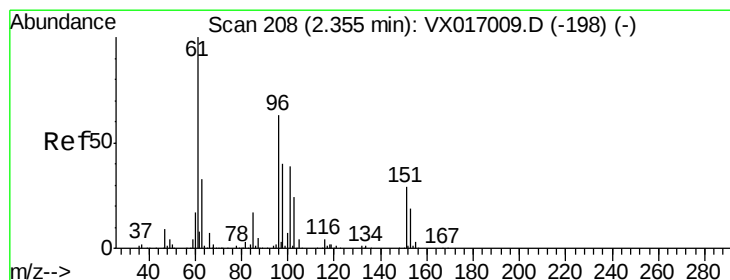
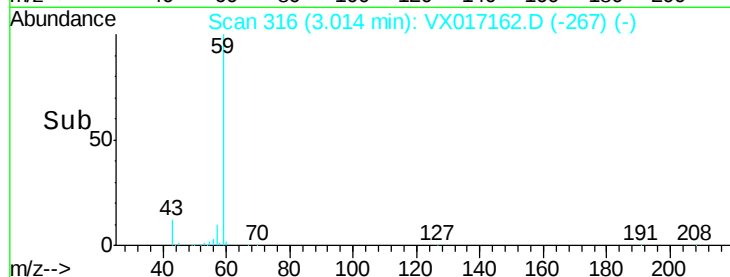
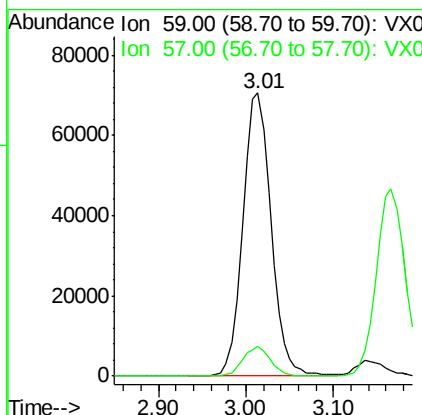
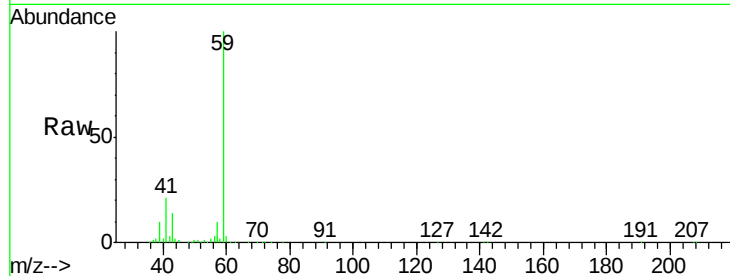
#11
Tert butyl alcohol
Concen: 208.066 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

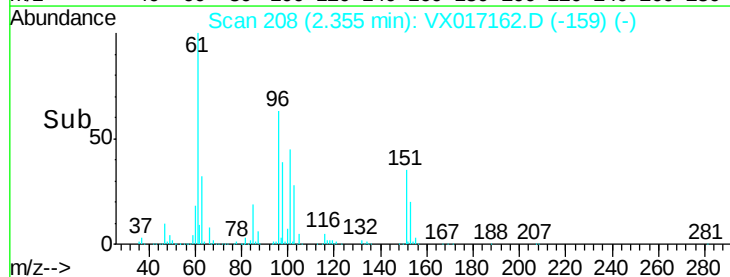
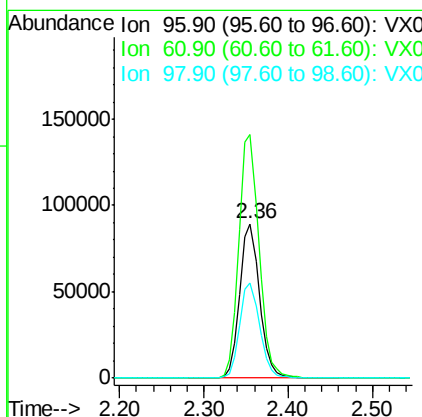
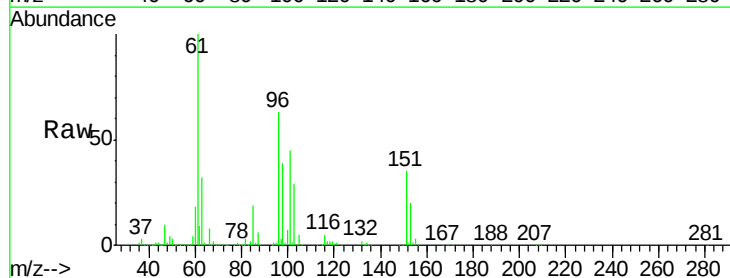
Manual Integrations
APPROVED

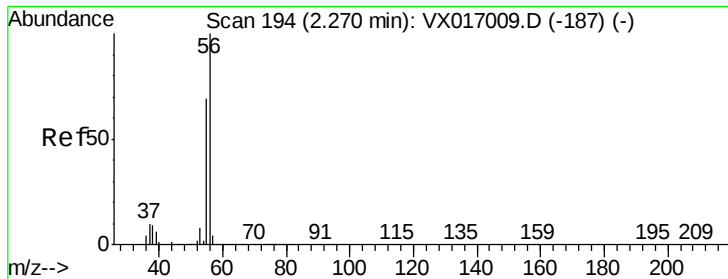
MMDadoda
7/7/2020 12:24:36 PM



#12
1,1-Dichloroethene
Concen: 44.036 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	126.3	189.5
98	61.3	51.0	76.6





#13

Acrolein

Concen: 141.725 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 64383

Ion Ratio Lower Upper

56 100

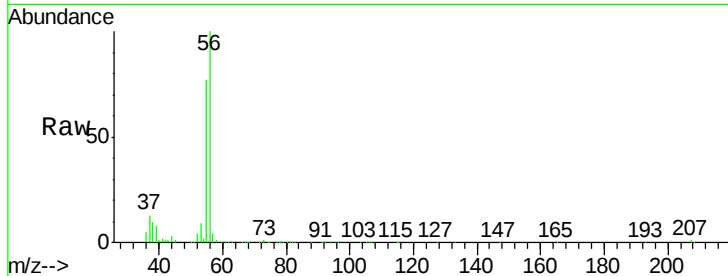
55 71.3 55.7 83.5

Manual Integrations

APPROVED

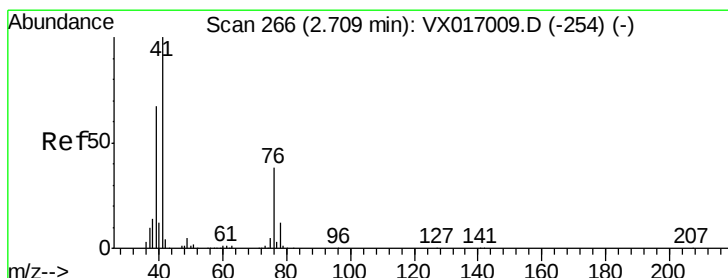
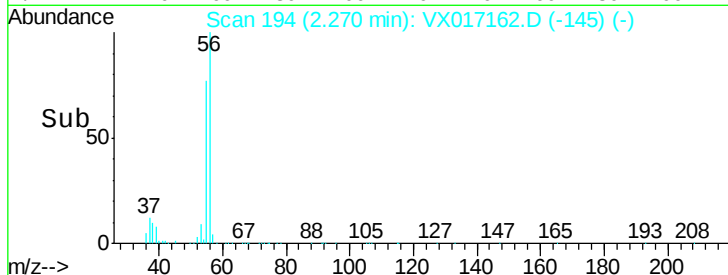
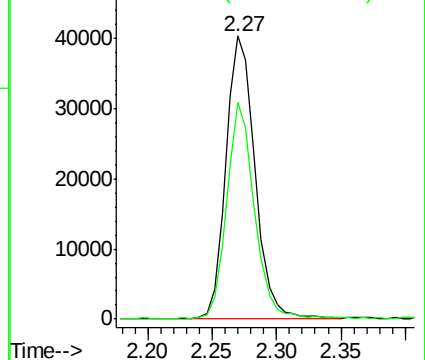
MMDadoda

7/7/2020 12:24:36 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 41.845 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

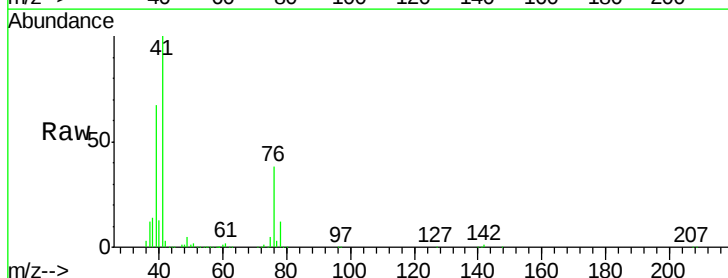
Tgt Ion: 41 Resp: 247230

Ion Ratio Lower Upper

41 100

39 66.1 49.4 74.2

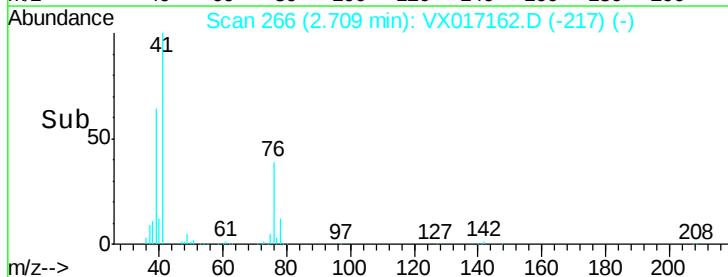
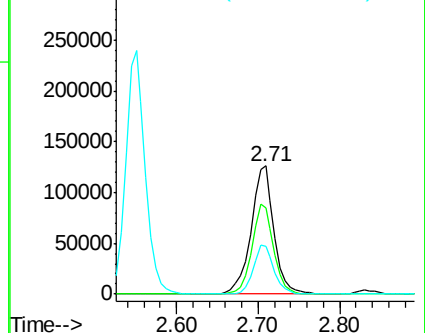
76 34.2 26.8 40.2

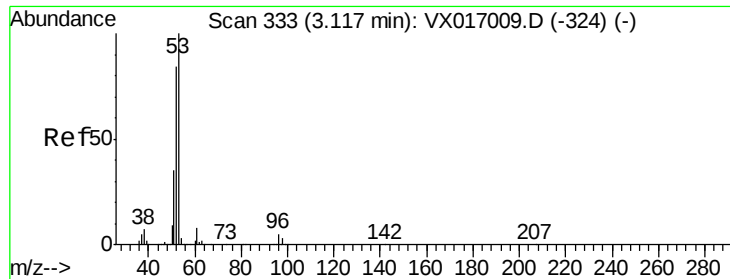


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





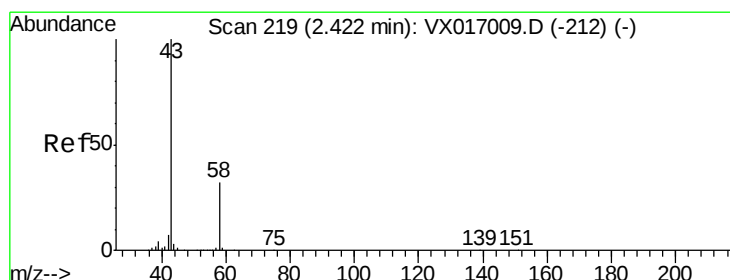
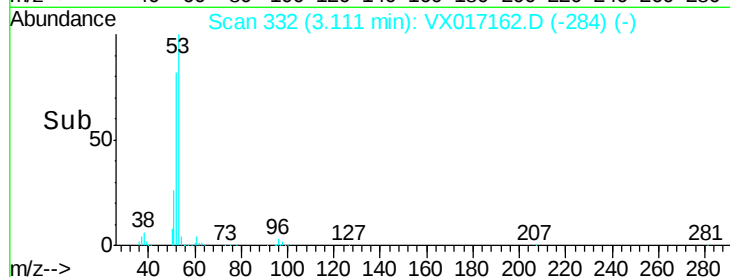
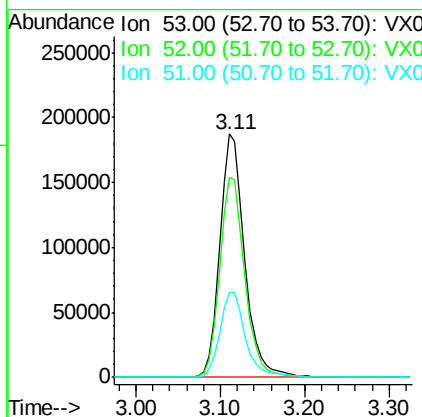
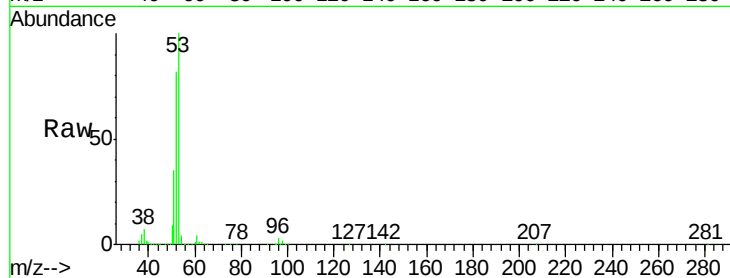
#15
 Acrylonitrile
 Concen: 207.642 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	379337
Ion Ratio	Lower	Upper	
53	100		
52	83.4	65.6	98.4
51	36.3	28.3	42.5

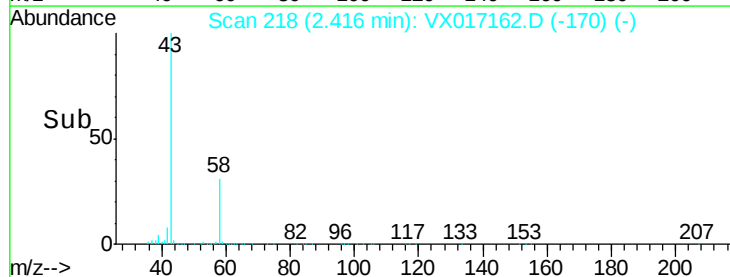
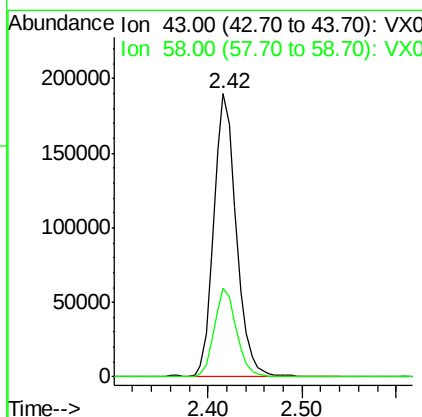
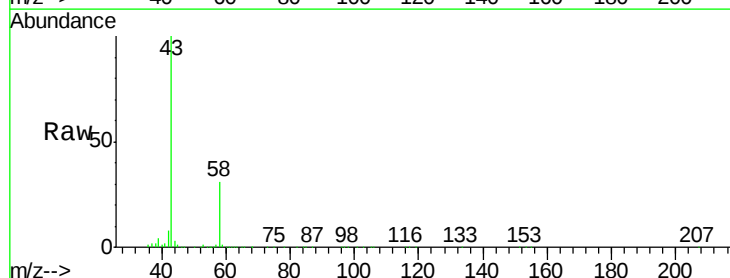
Manual Integrations
 APPROVED

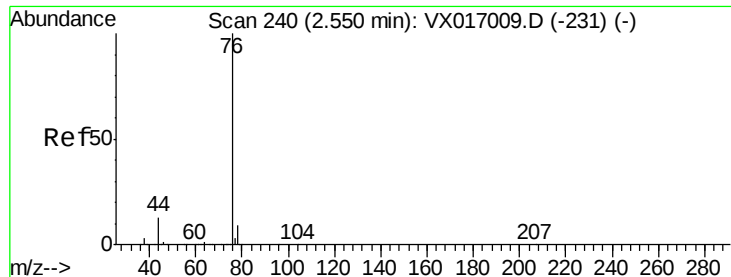
MMDadoda
 7/7/2020 12:24:36 PM



#16
 Acetone
 Concen: 209.653 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion:	43	Resp:	312428
Ion Ratio	Lower	Upper	
43	100		
58	31.4	25.7	38.5





#17

Carbon Disulfide

Concen: 44.996 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 401395

Ion Ratio Lower Upper

76 100

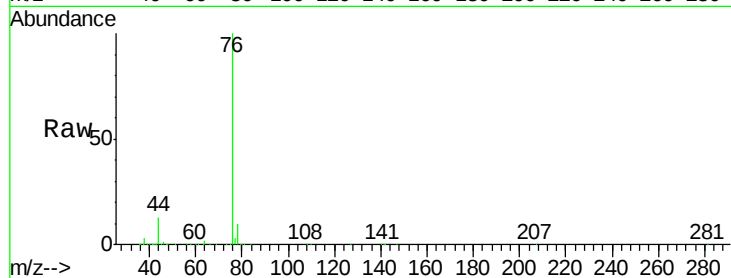
78 9.5 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

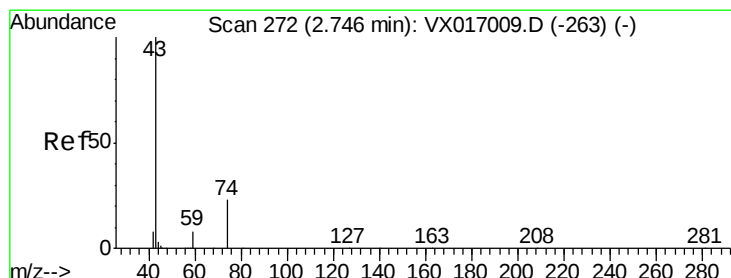
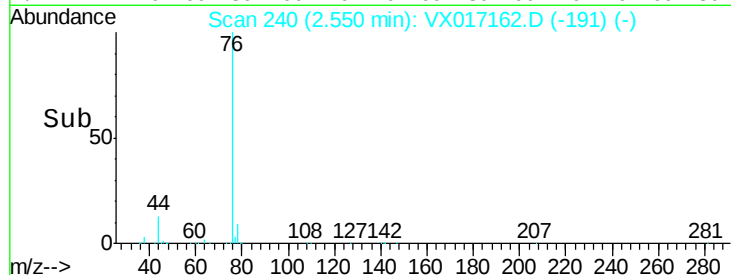
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 43.675 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017162.D

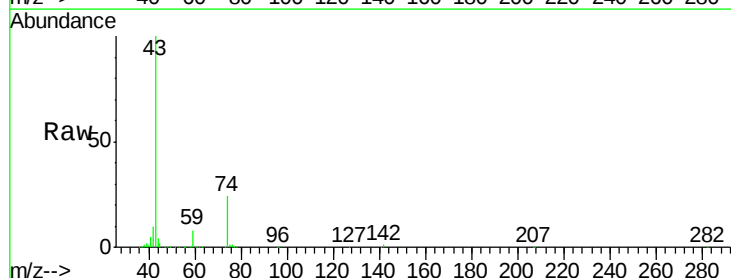
Acq: 06 Jul 2020 12:59

Tgt Ion: 43 Resp: 169905

Ion Ratio Lower Upper

43 100

74 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

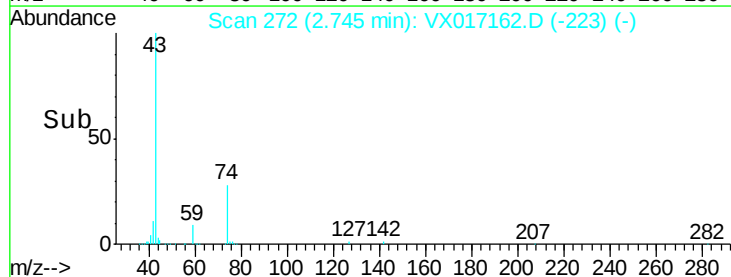
40000

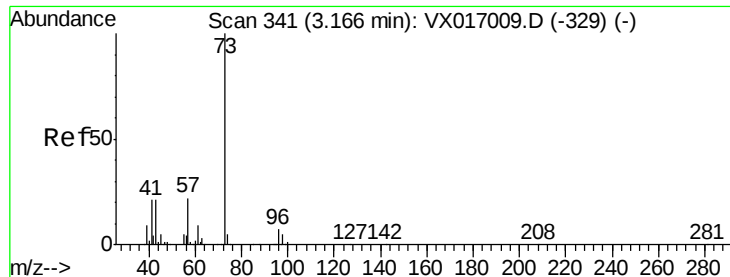
20000

0

2.65 2.70 2.75 2.80 2.85

Time-->





#19

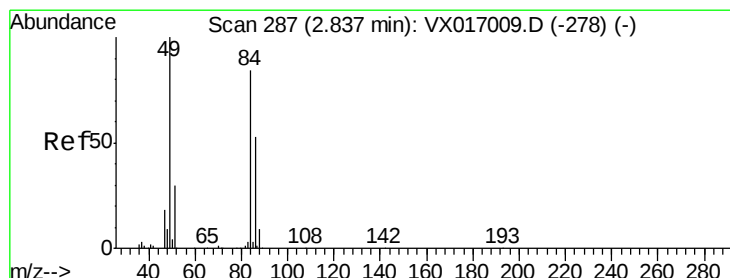
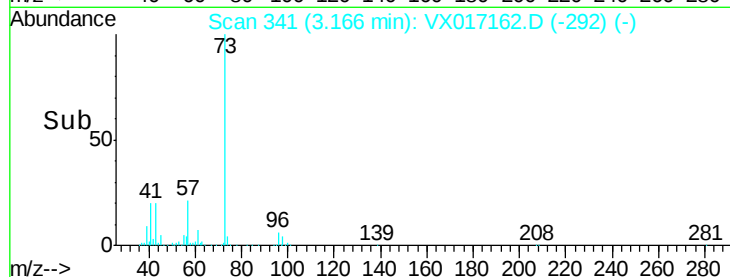
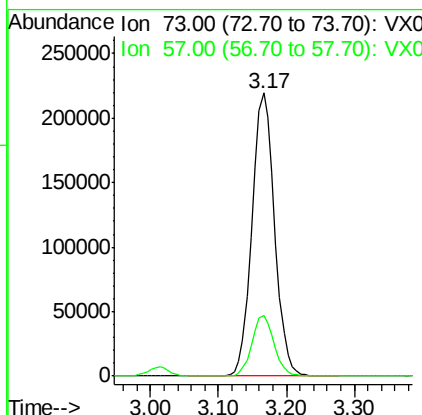
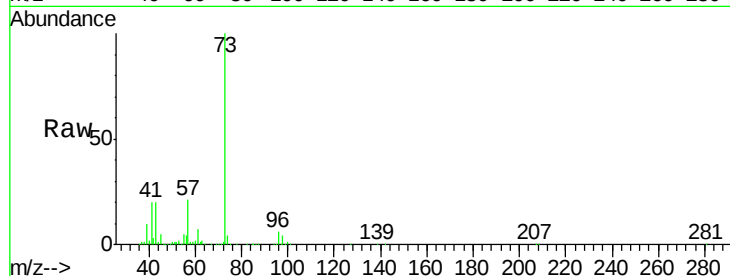
Methyl tert-butyl Ether
 Concen: 47.385 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.6	26.4

Manual Integrations
 APPROVED

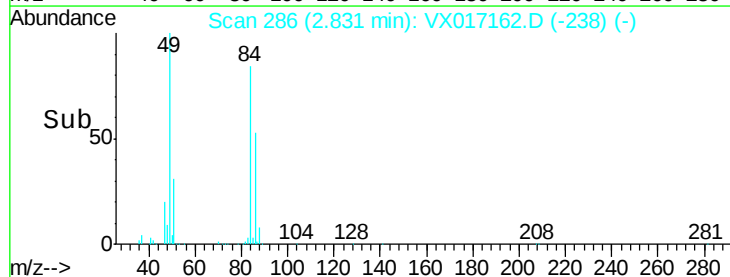
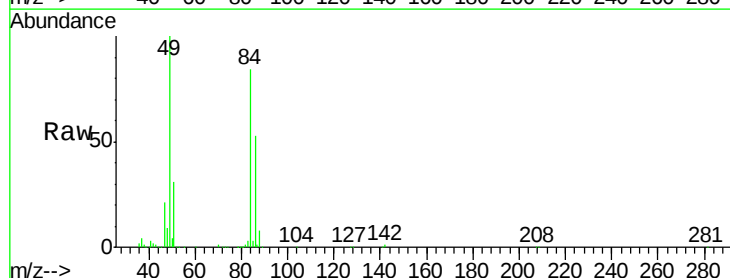
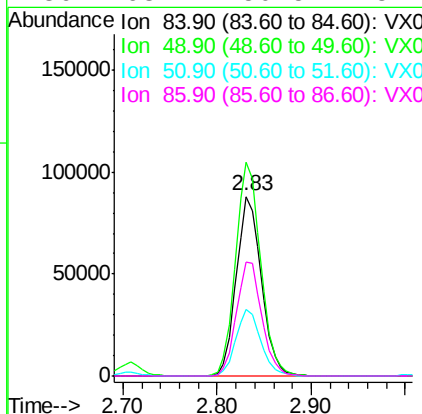
MMDadoda
 7/7/2020 12:24:36 PM

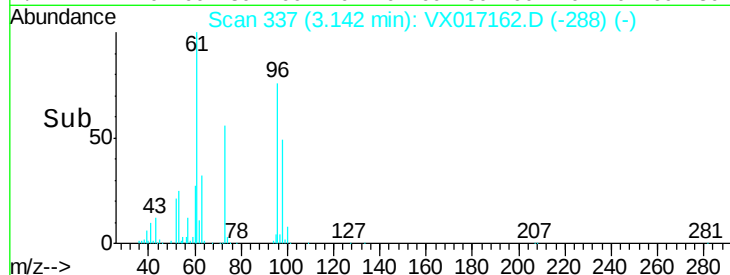
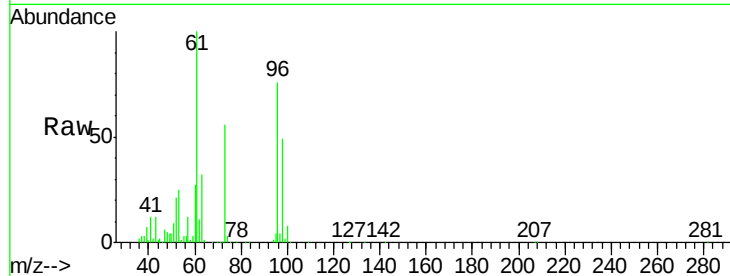
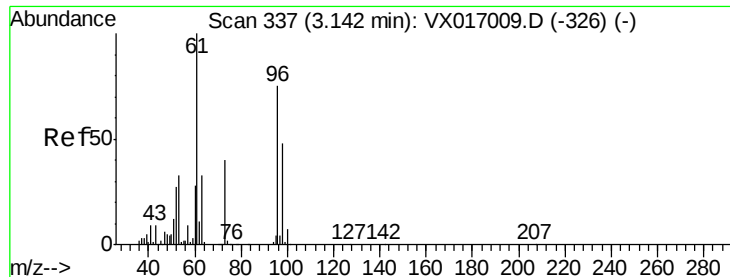


#20

Methylene Chloride
 Concen: 47.507 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	94.7	142.1
51	36.8	28.6	42.8
86	63.2	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 45.562 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017162.D

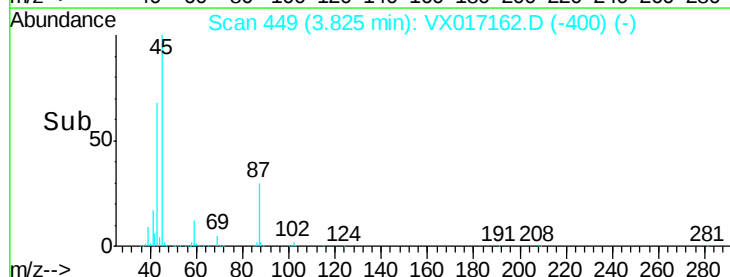
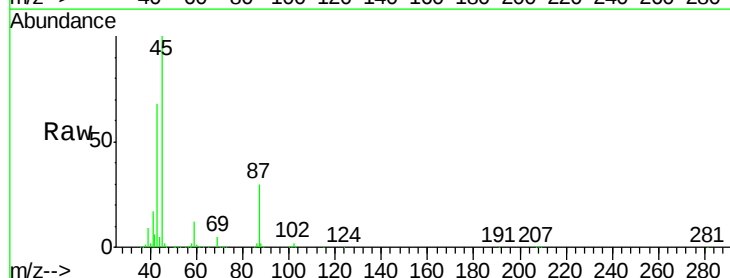
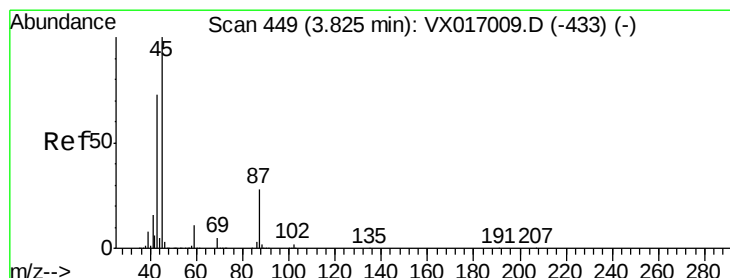
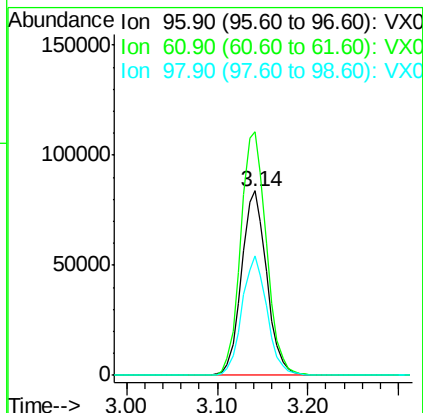
Acq: 06 Jul 2020 12:59

Tot Ion:	96	Resp:	161644
Ion	Ratio	Lower	Upper
96	100		
61	132.0	107.0	160.6
98	64.7	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 44.639 ug/l

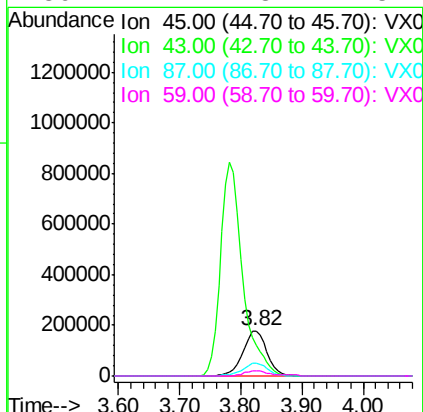
RT: 3.82 min Scan# 449

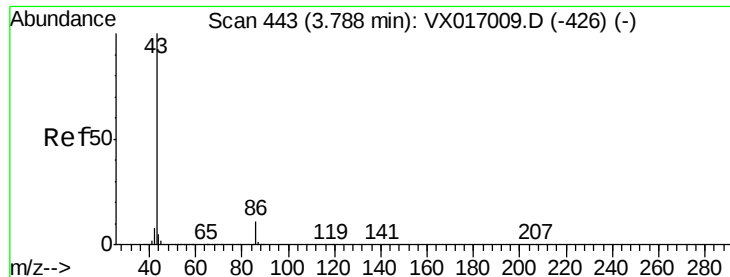
Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion:	45	Resp:	488128
Ion	Ratio	Lower	Upper
45	100		
43	67.6	58.6	88.0
87	29.8	22.6	34.0
59	12.1	8.7	13.1





#23

Vinyl Acetate

Concen: 226.954 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2132587

Ion Ratio Lower Upper

43 100

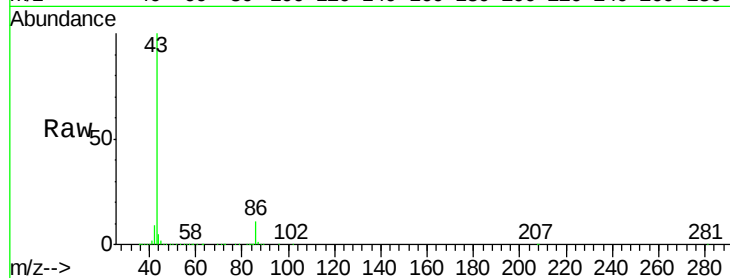
86 11.3 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

400000

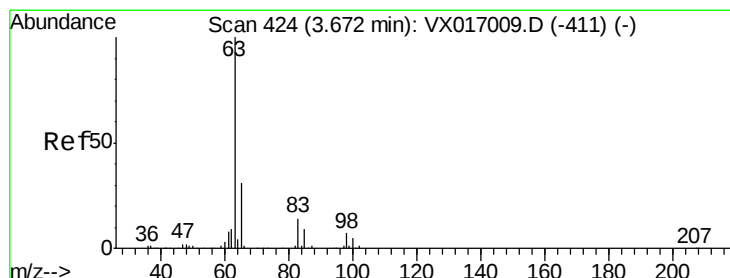
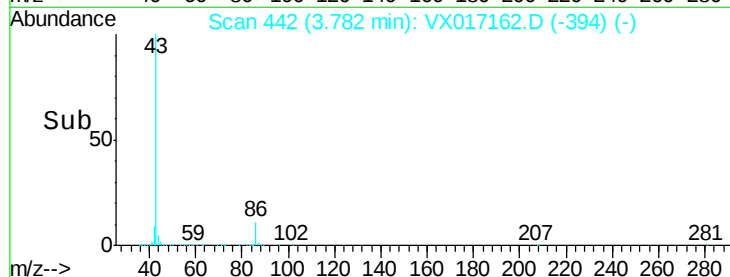
200000

0

Time-->

3.60 3.70 3.80 3.90 4.00

3.78



#24

1,1-Dichloroethane

Concen: 44.834 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

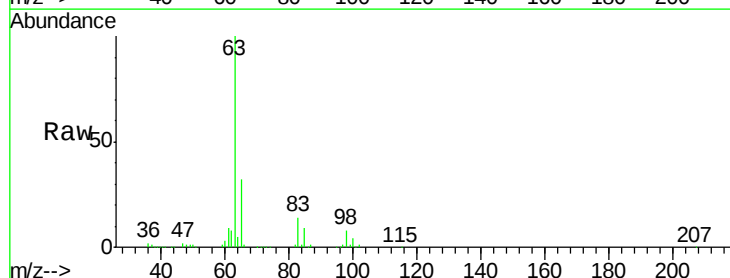
Tgt Ion: 63 Resp: 278954

Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.8

100 4.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

100000

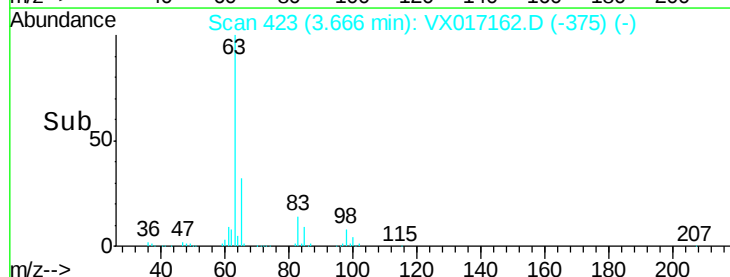
50000

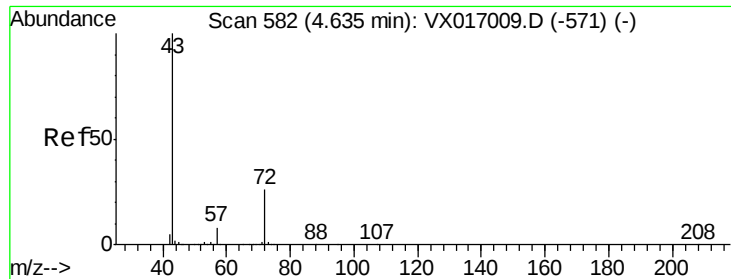
0

Time-->

3.60 3.70 3.80

3.67





#25

2-Butanone

Concen: 205.788 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 510987

Ion Ratio Lower Upper

43 100

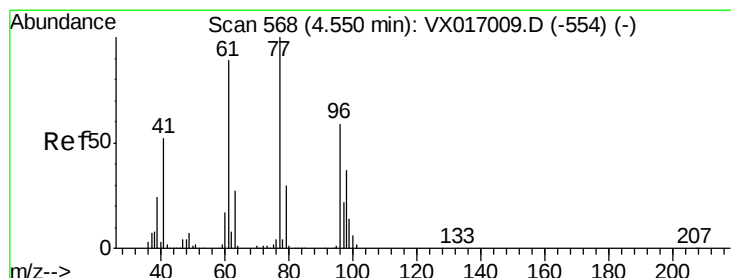
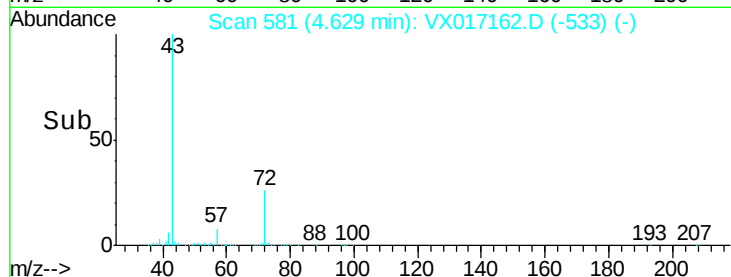
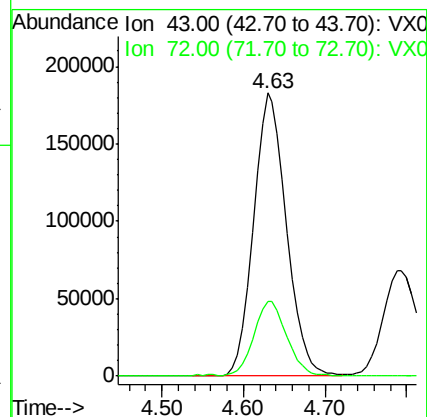
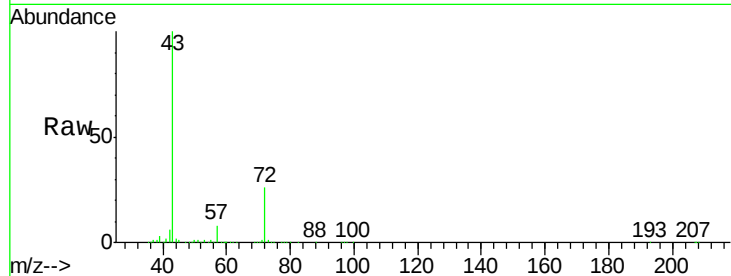
72 26.2 20.8 31.2

Manual Integrations

APPROVED

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7/7/2020 12:24:36 PM



#26

2,2-Dichloropropane

Concen: 46.155 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017162.D

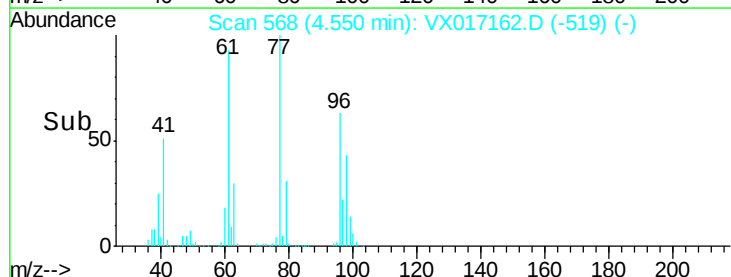
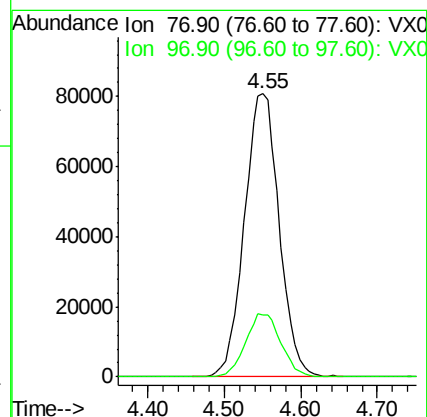
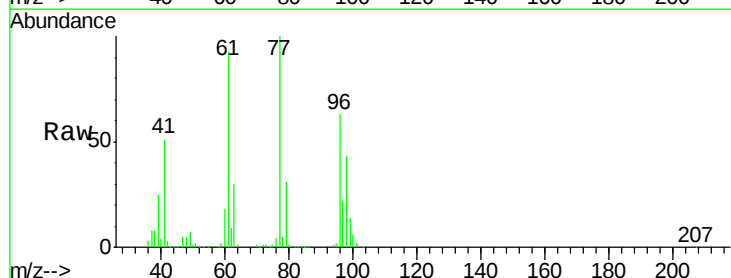
Acq: 06 Jul 2020 12:59

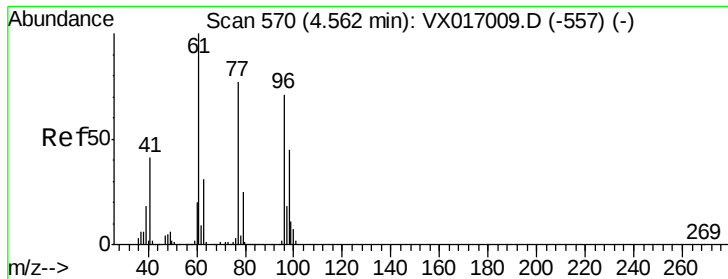
Tgt Ion: 77 Resp: 254986

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2





#27

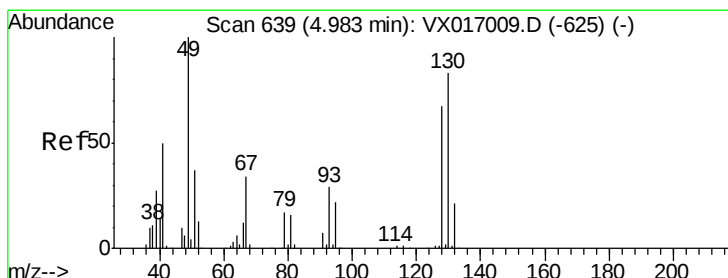
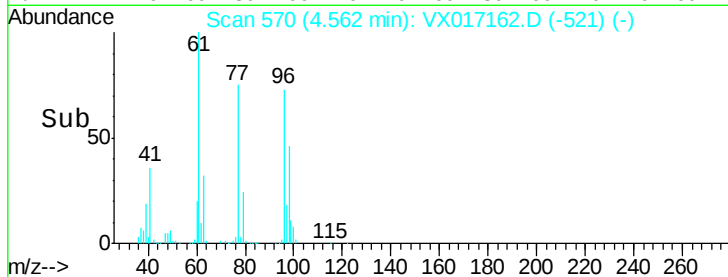
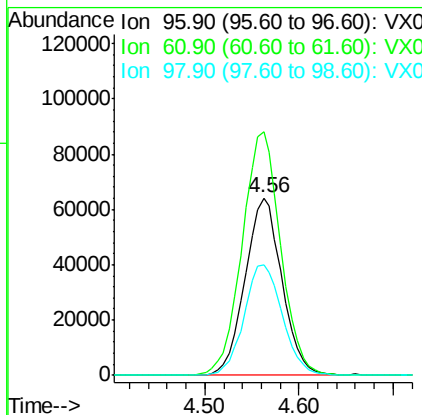
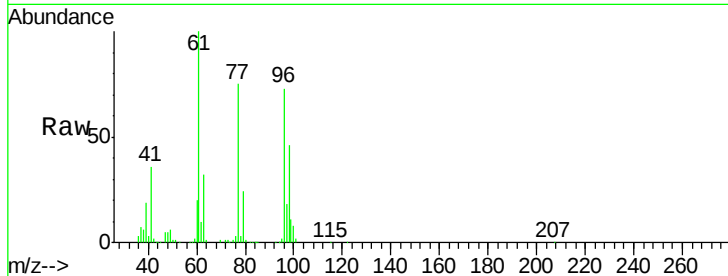
cis-1,2-Dichloroethene
Concen: 43.743 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	175839		
61	143.6	0.0	282.8	
98	64.9	0.0	127.6	

Manual Integrations
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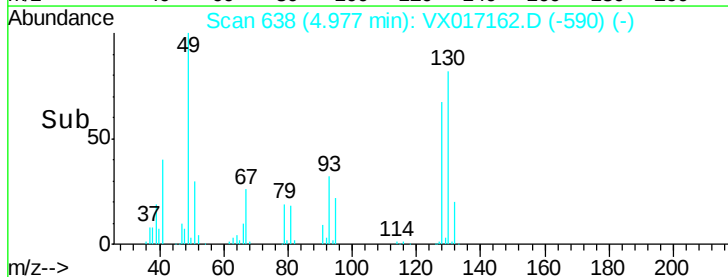
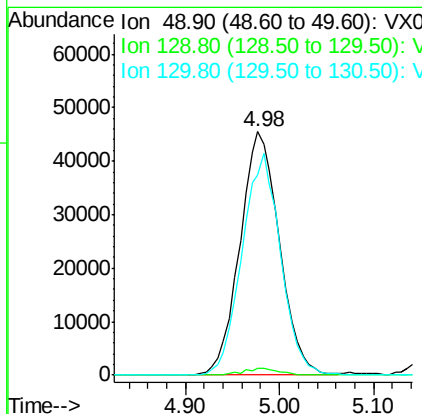
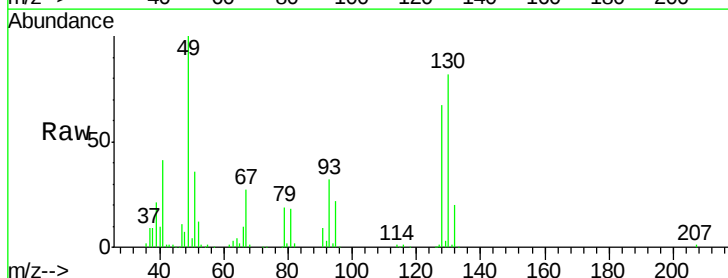
MMDadoda
7/7/2020 12:24:36 PM

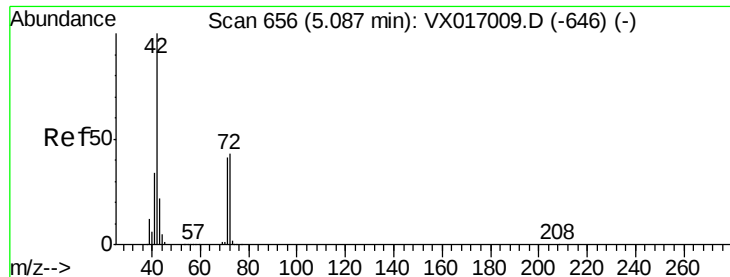


#28

Bromochloromethane
Concen: 43.943 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133049		
129	2.5	0.0	4.2	
130	89.1	66.6	100.0	





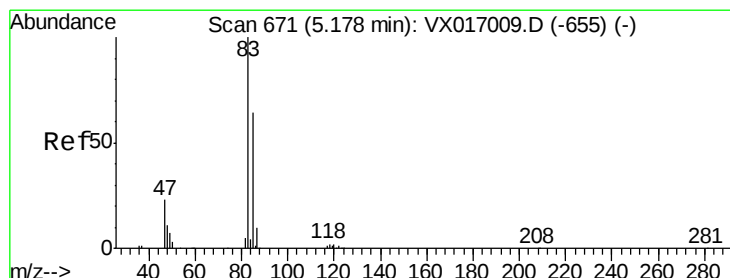
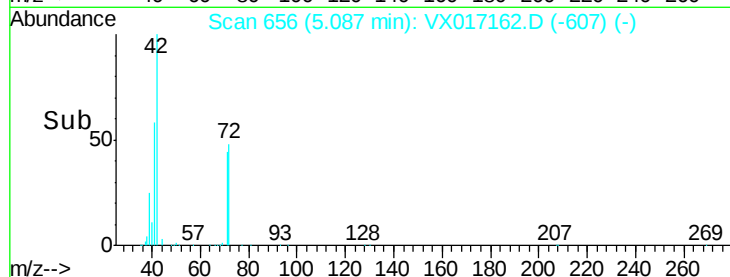
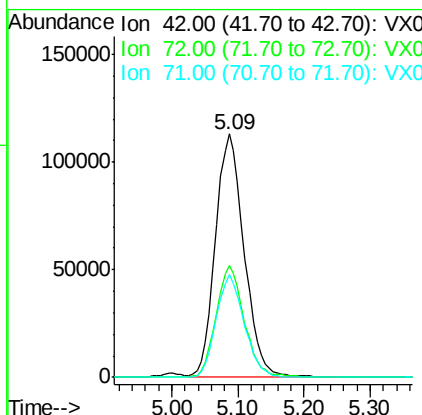
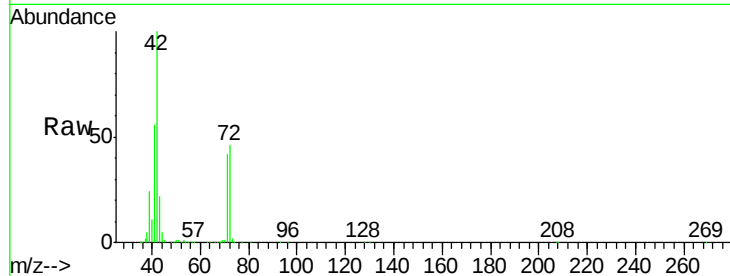
#29
Tetrahydrofuran
Concen: 205.562 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

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

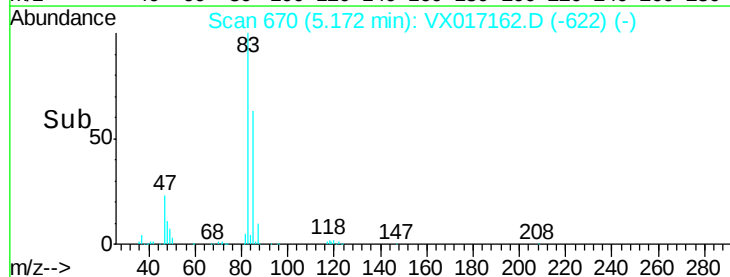
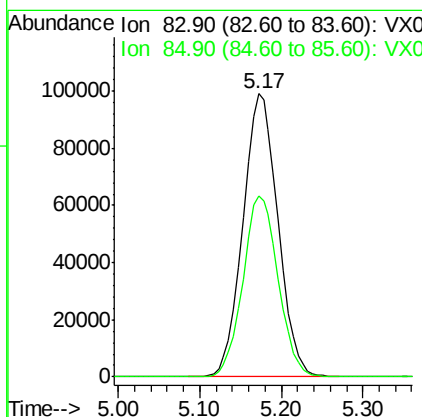
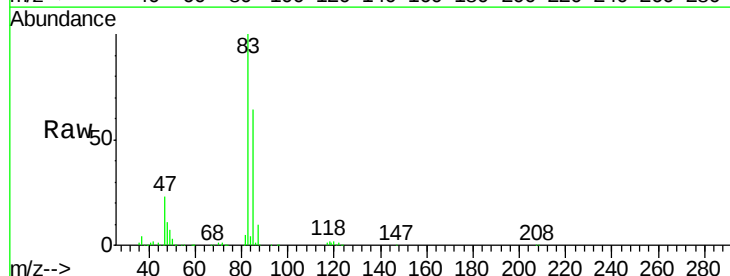
Manual Integrations
APPROVED

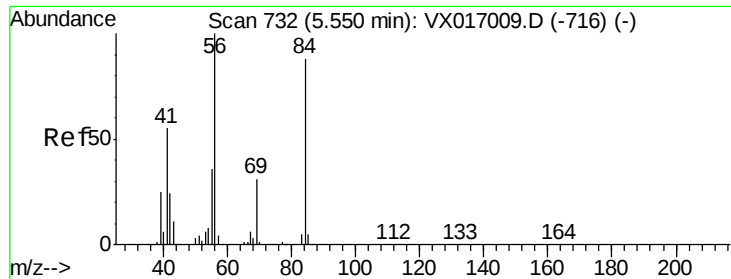
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#30
Chloroform
Concen: 46.328 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.2





#31

Cyclohexane

Concen: 44.621 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

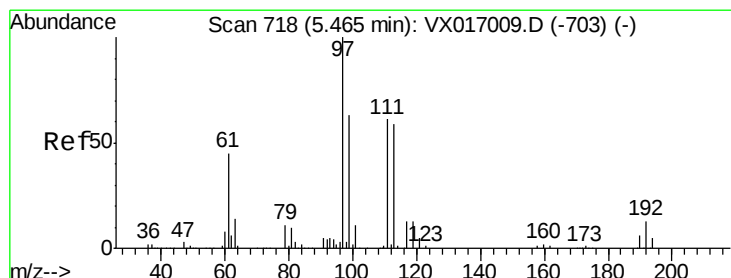
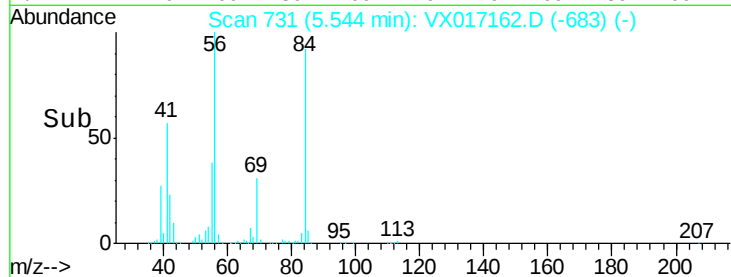
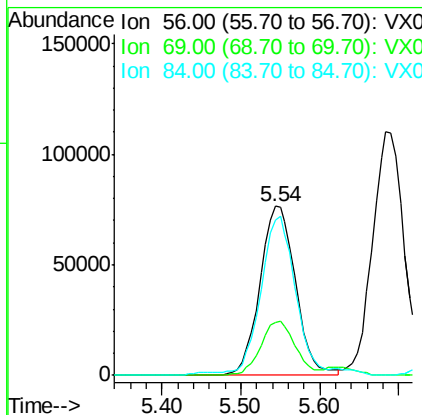
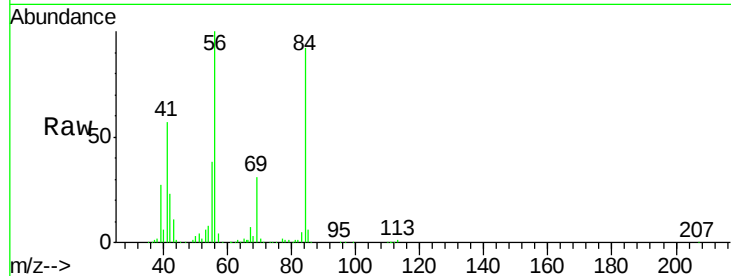
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	239978
Ion Ratio	Lower	Upper	
56	100		
69	31.3	25.0	37.4
84	91.4	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.136 ug/l

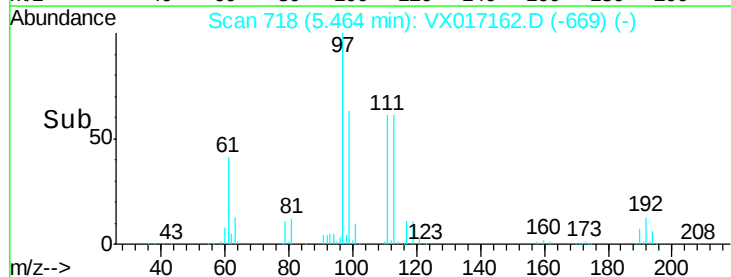
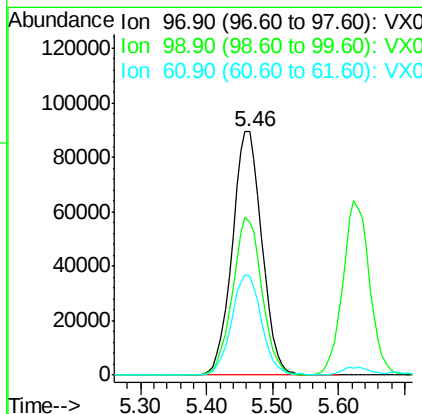
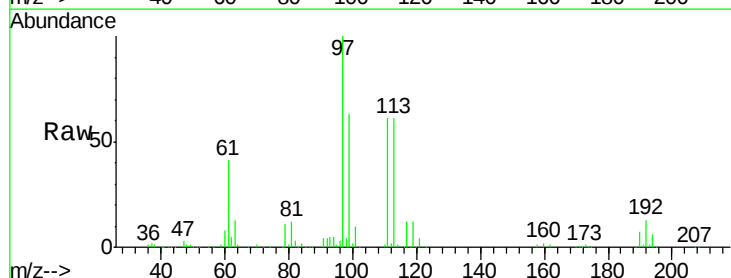
RT: 5.46 min Scan# 718

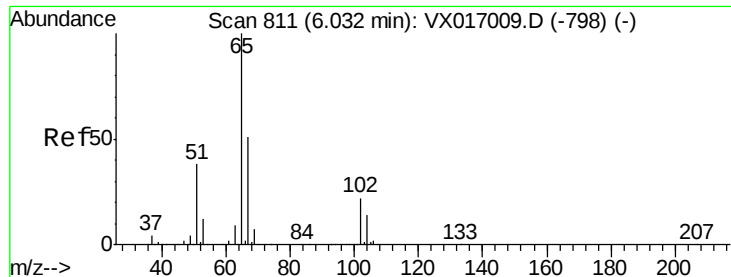
Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion:	97	Resp:	276879
Ion Ratio	Lower	Upper	
97	100		
99	64.1	50.8	76.2
61	41.7	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 48.657 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 193828

Ion Ratio Lower Upper

65 100

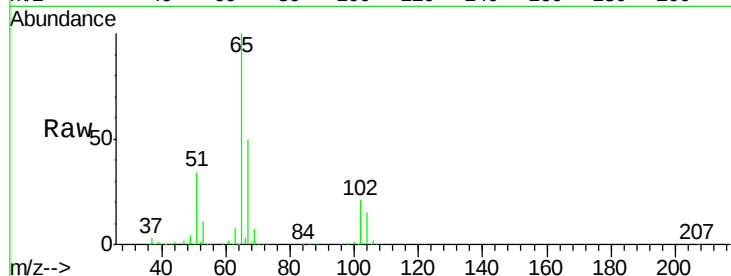
67 51.2 0.0 103.8

Manual Integrations

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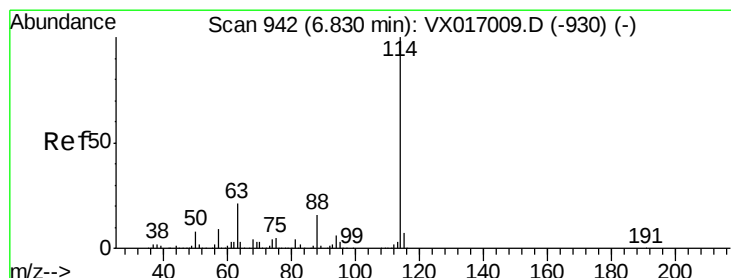
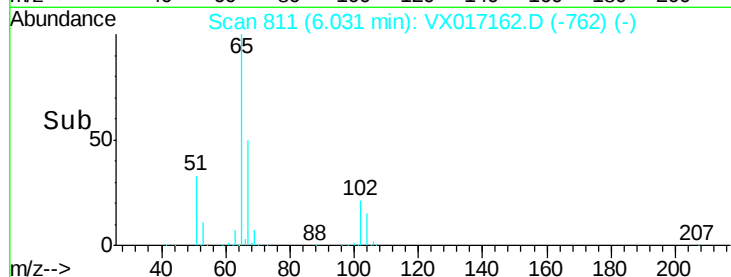
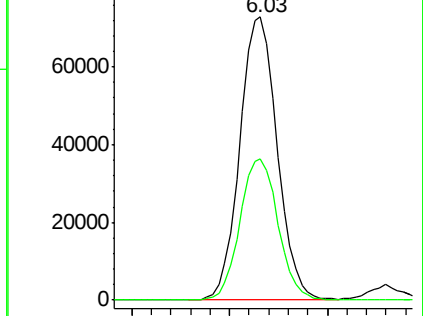
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

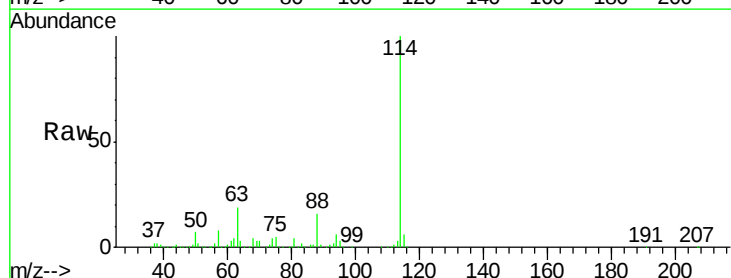
Tgt Ion: 114 Resp: 467662

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

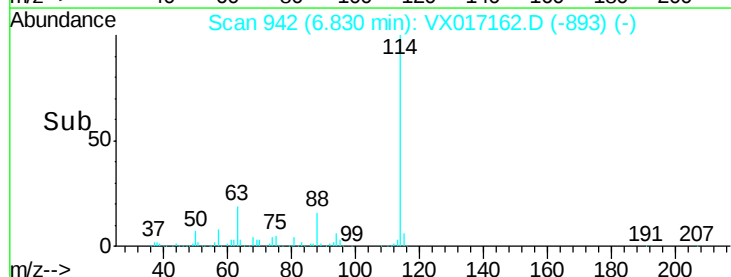
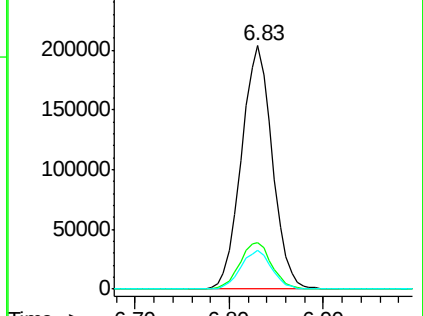
88 15.7 0.0 32.4

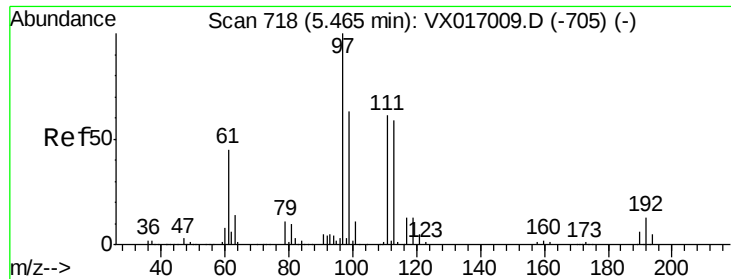


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.457 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

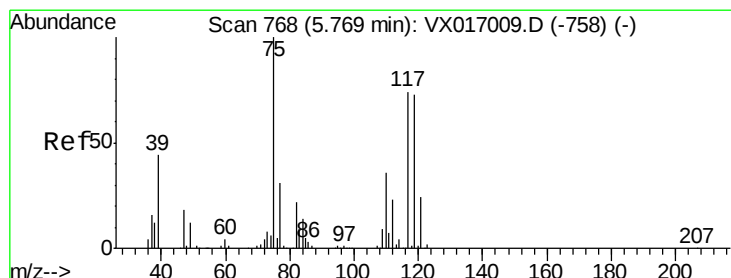
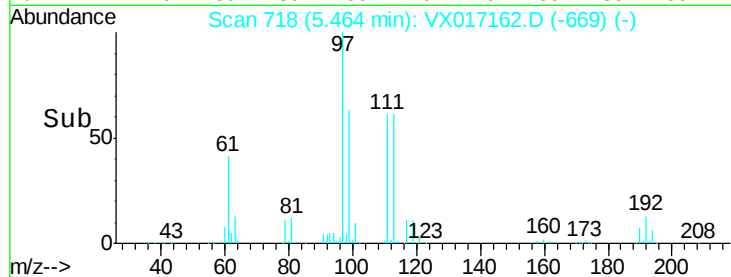
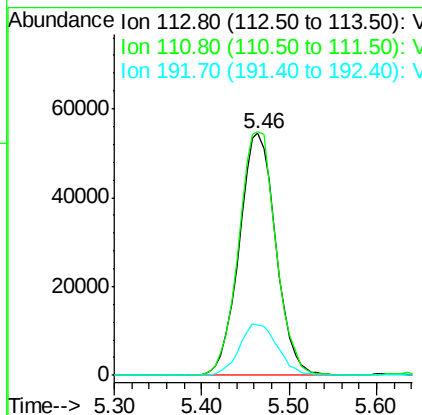
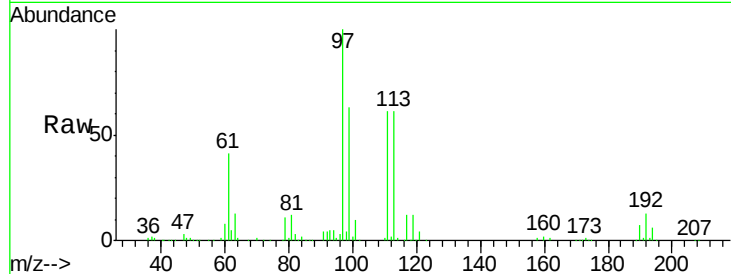
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	158140
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	22.1	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.369 ug/l

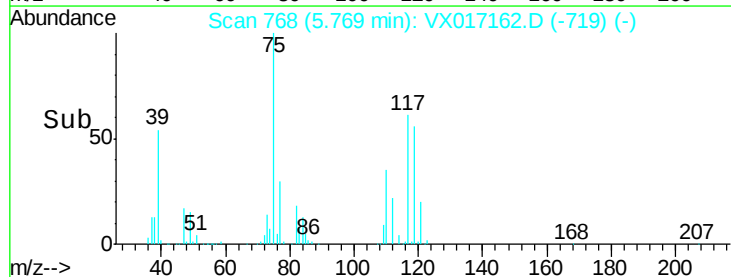
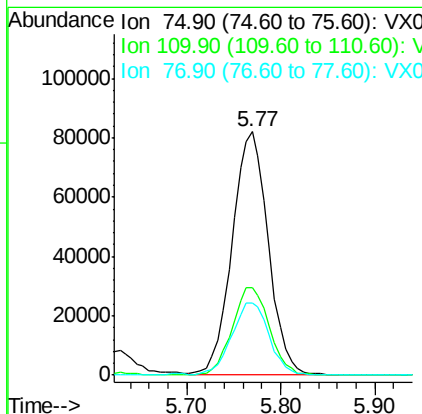
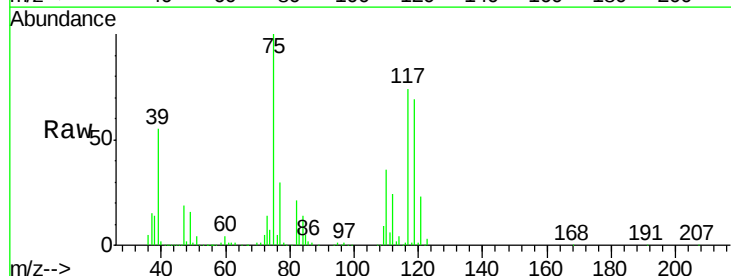
RT: 5.77 min Scan# 768

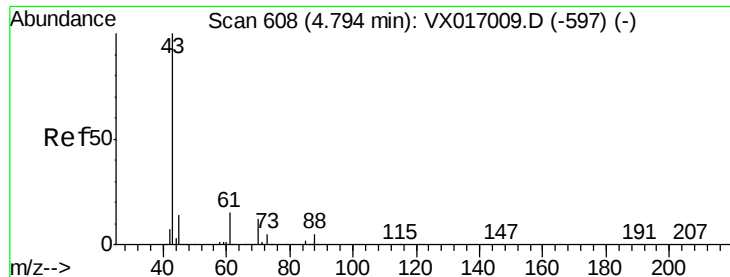
Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion:	75	Resp:	218211
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.1	54.1
77	30.6	24.6	37.0





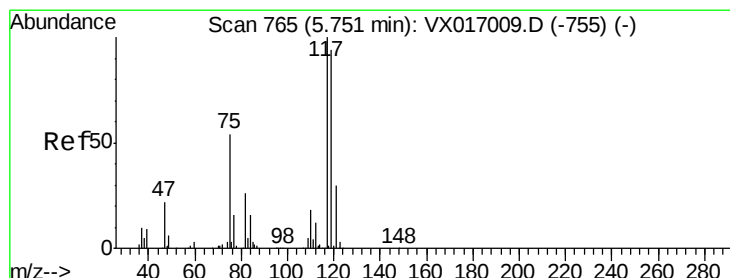
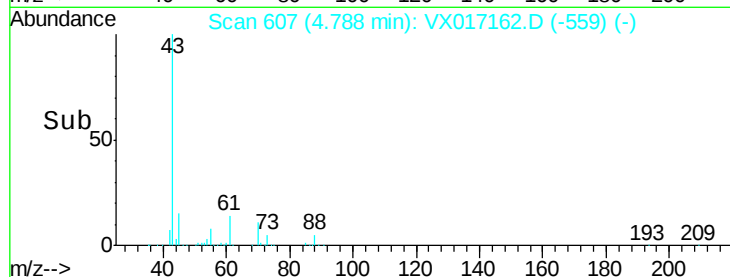
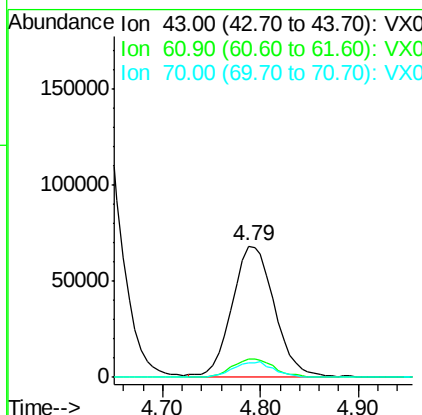
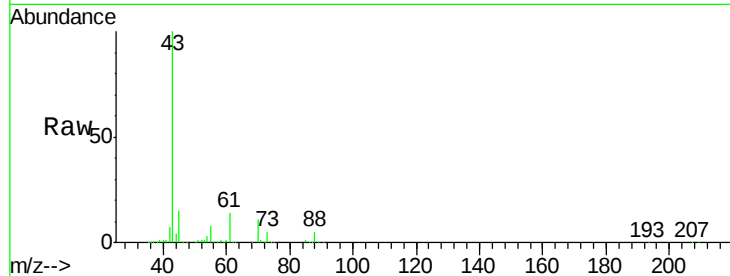
#37
Ethyl Acetate
Concen: 45.313 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	11.5	8.9	13.3

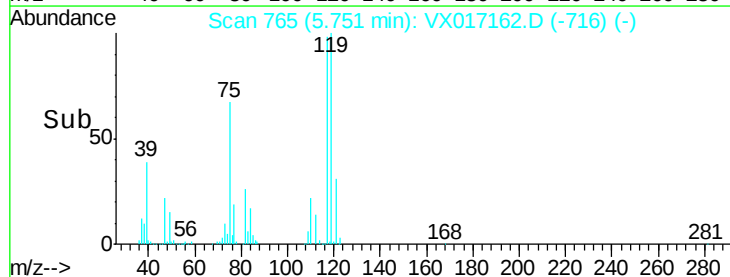
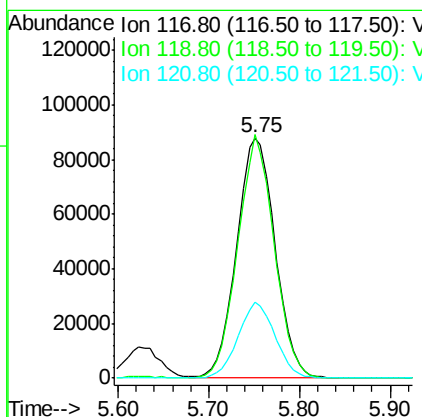
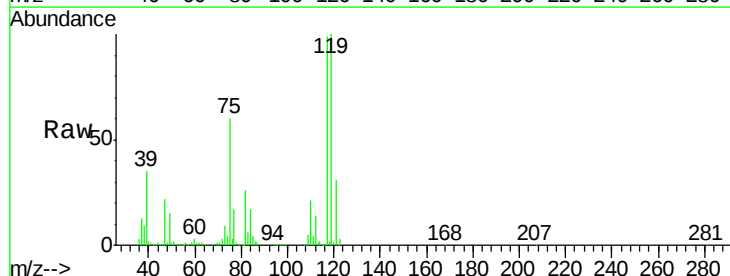
Manual Integrations
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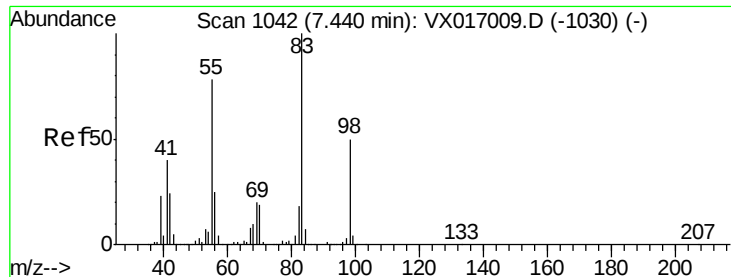
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#38
Carbon Tetrachloride
Concen: 53.029 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.4	75.4	113.0
121	31.8	23.8	35.6





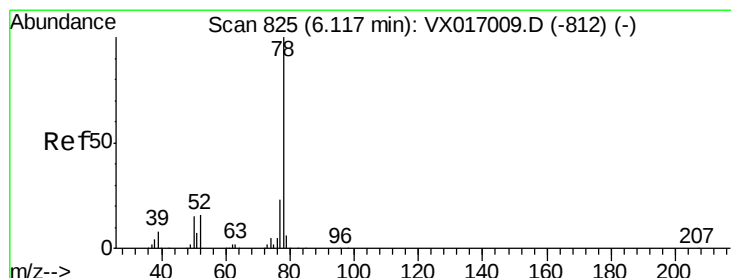
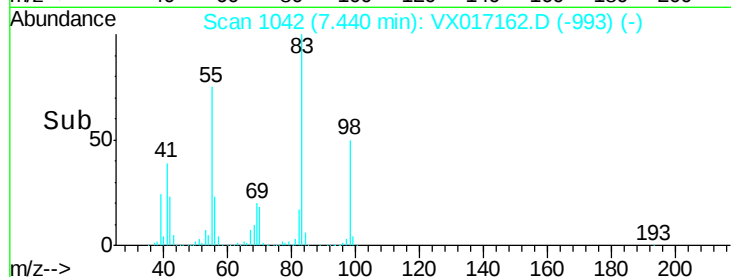
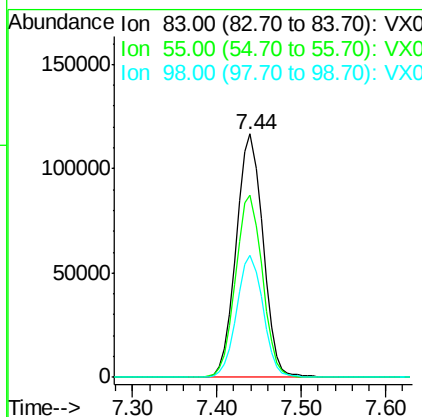
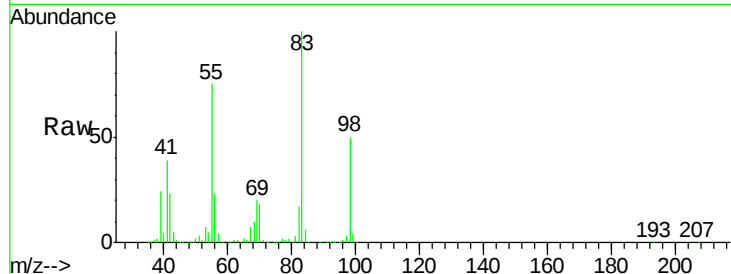
#39
Methvlcvclohexane
Concen: 51.020 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	62.5	93.7
98	50.1	40.1	60.1

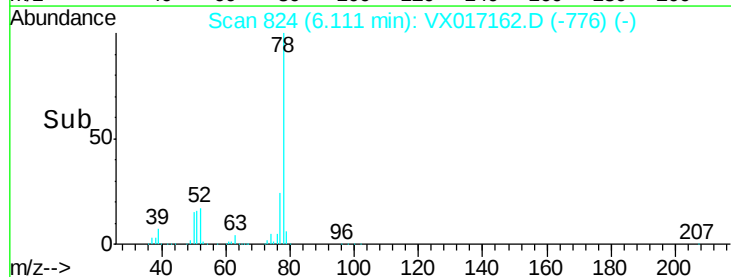
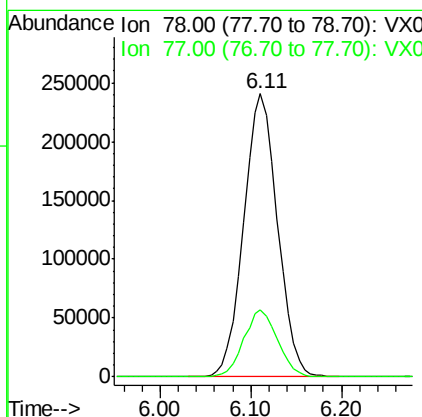
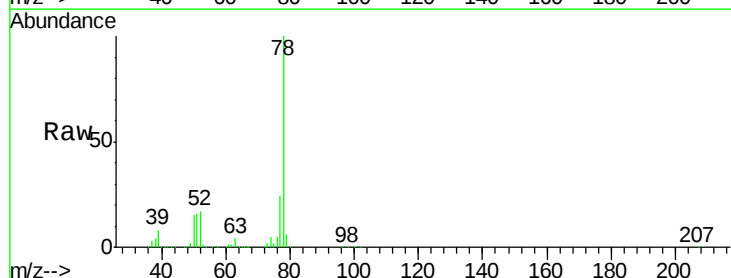
Manual Integrations
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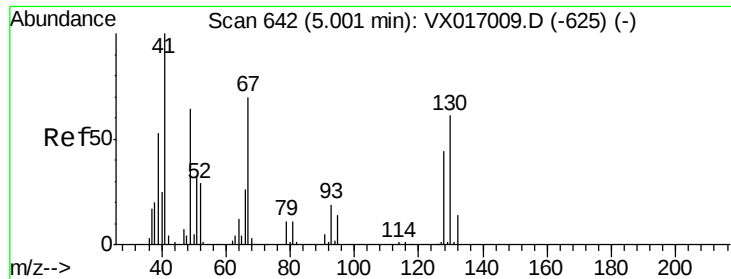
MMDadoda
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#40
Benzene
Concen: 47.719 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5





#41

Methacrylonitrile

Concen: 47.241 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

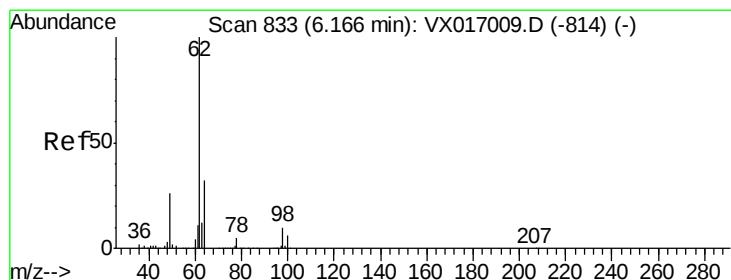
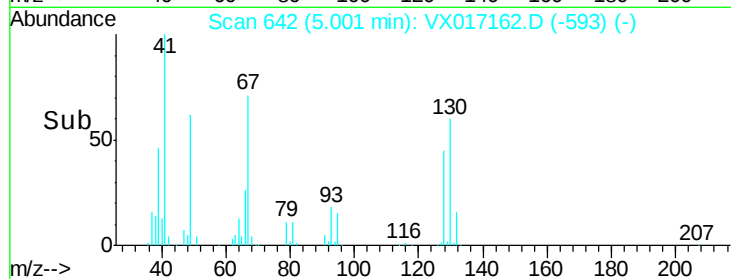
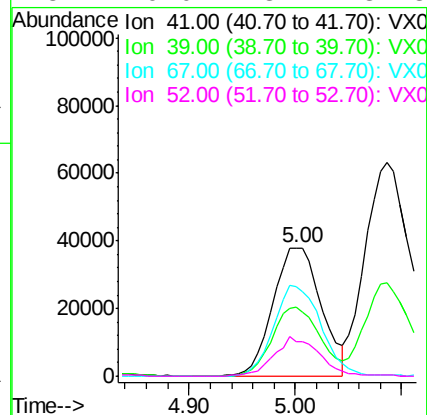
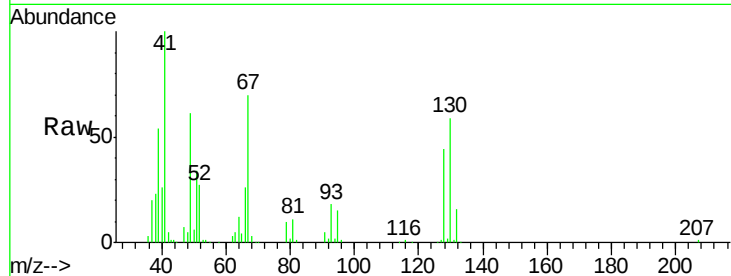
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.4	66.6
67	69.7	57.1	85.7
52	29.0	23.2	34.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.168 ug/l

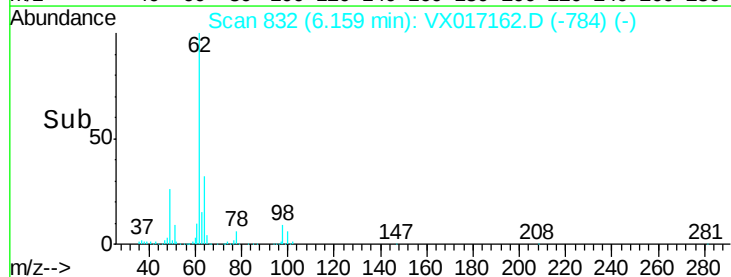
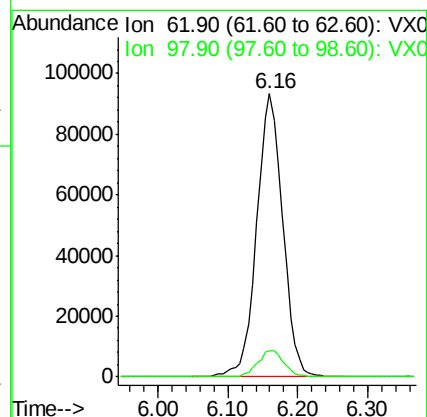
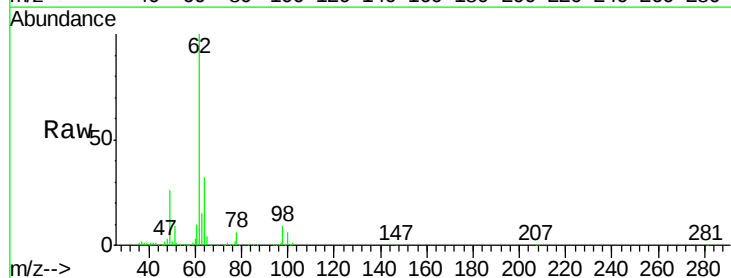
RT: 6.16 min Scan# 832

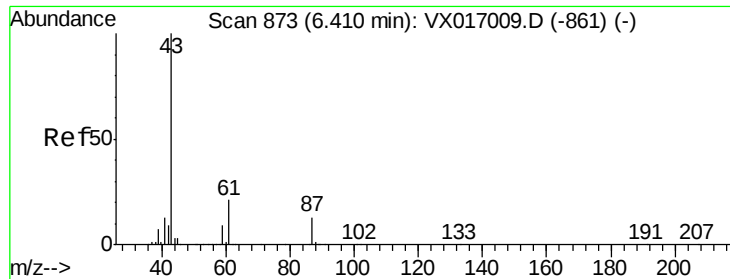
Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 45.912 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

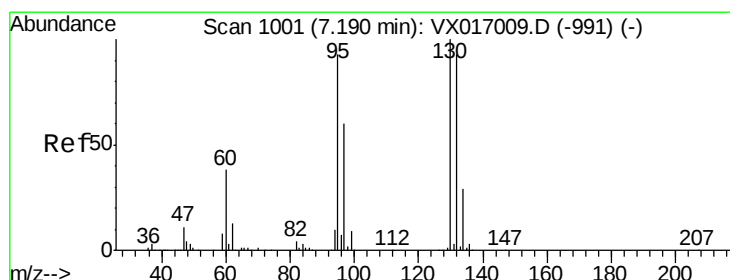
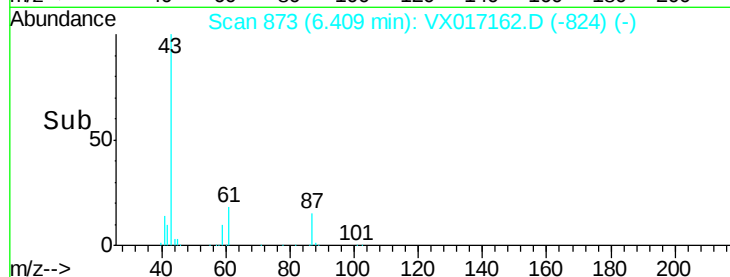
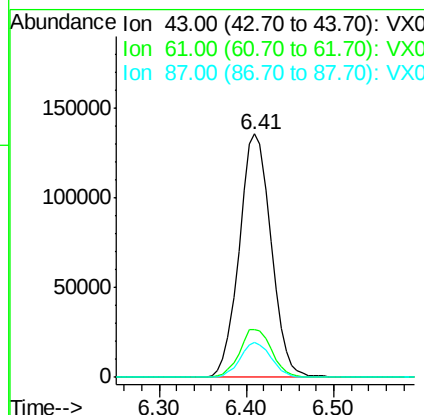
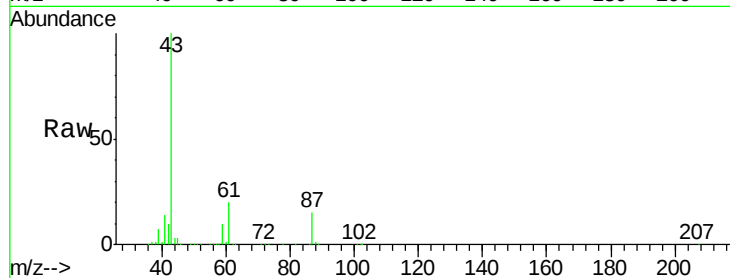
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	342136
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	14.1	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 52.688 ug/l

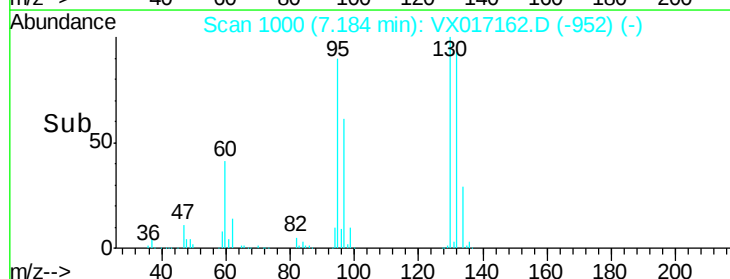
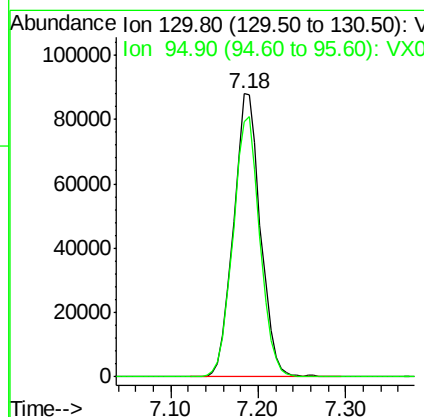
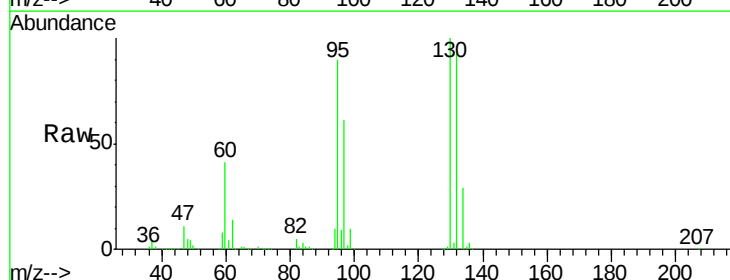
RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion:	130	Resp:	188757
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	185.0





#45

1,2-Dichloropropane

Concen: 47.234 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 157549

Ion Ratio Lower Upper

63 100

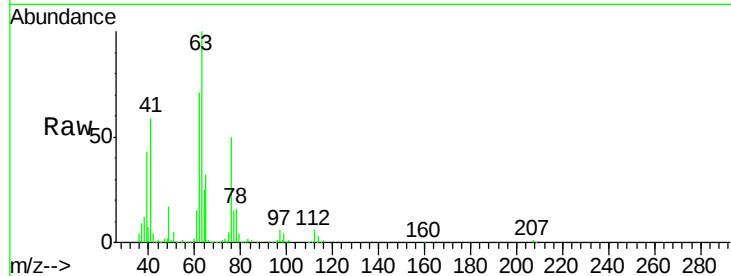
65 31.6 24.6 36.8

Manual Integrations

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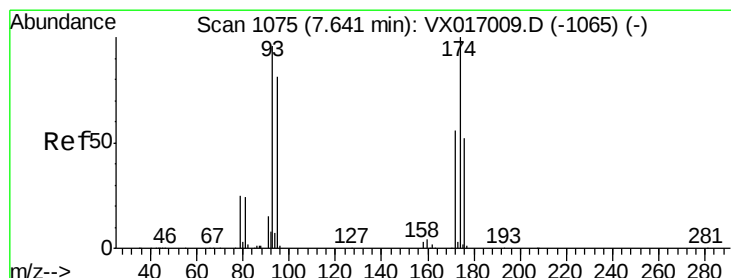
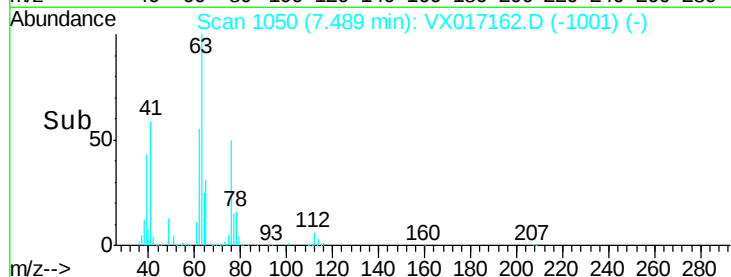
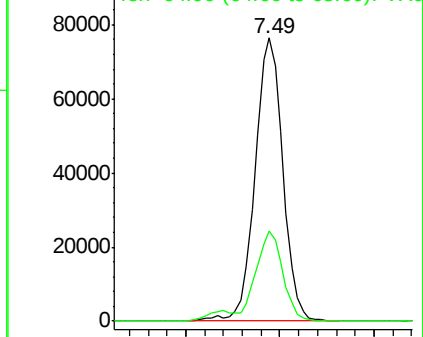
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.675 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

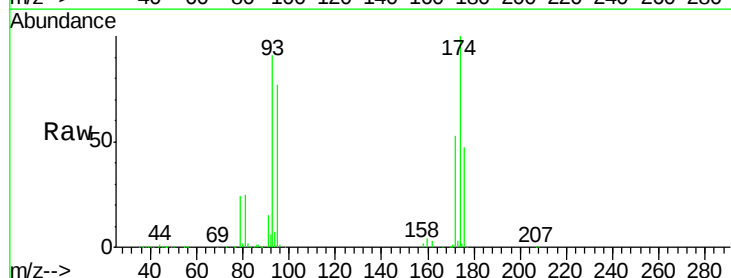
Tgt Ion: 93 Resp: 113121

Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.0

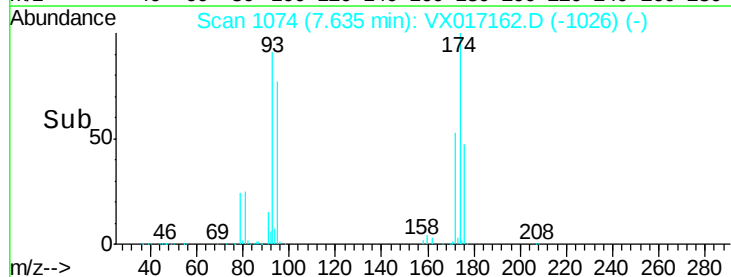
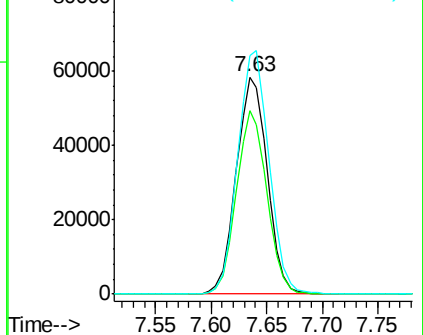
174 113.2 84.3 126.5

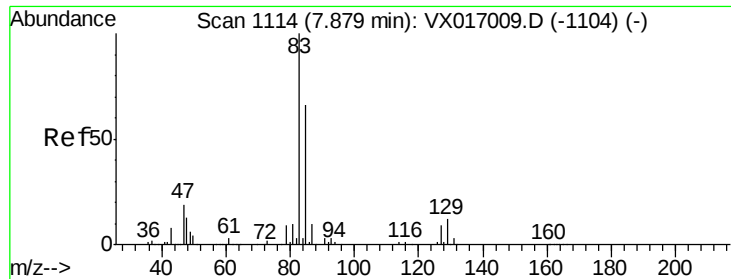


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.377 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

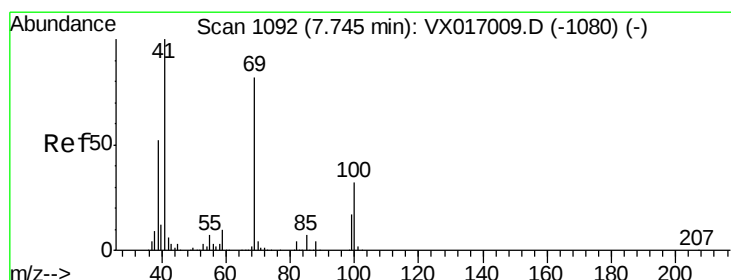
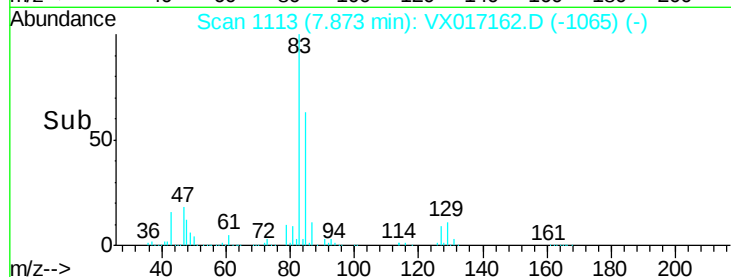
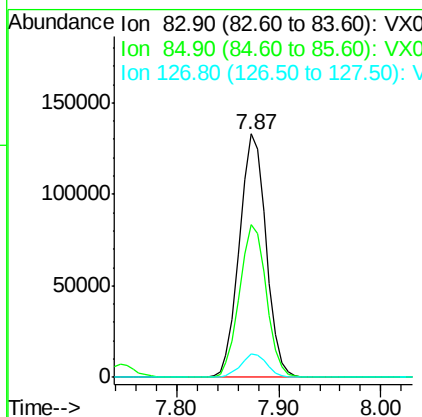
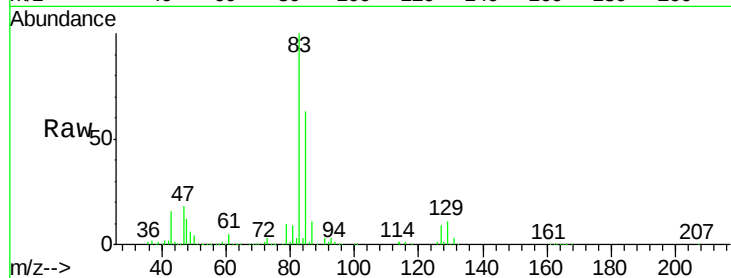
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	241109
Ion Ratio	Lower	Upper	
83	100		
85	62.6	53.0	79.4
127	9.5	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.070 ug/l

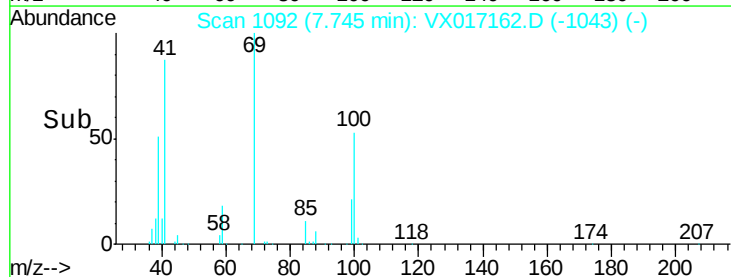
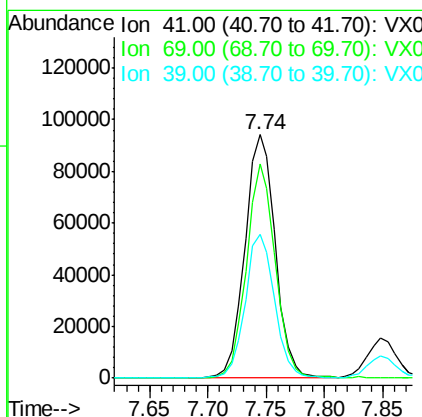
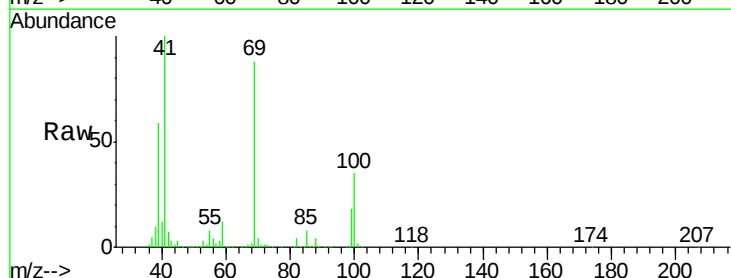
RT: 7.74 min Scan# 1092

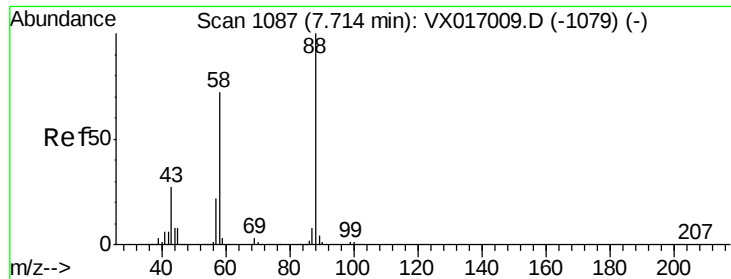
Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion:	41	Resp:	170187
Ion Ratio	Lower	Upper	
41	100		
69	84.0	65.8	98.8
39	57.5	42.5	63.7





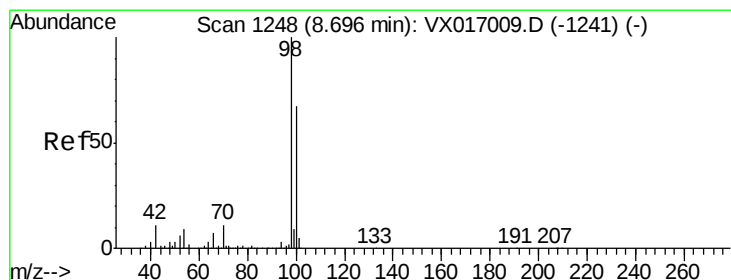
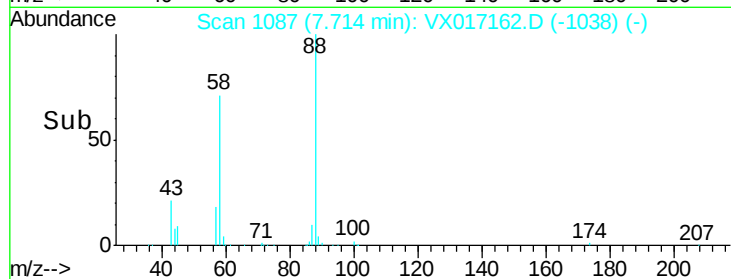
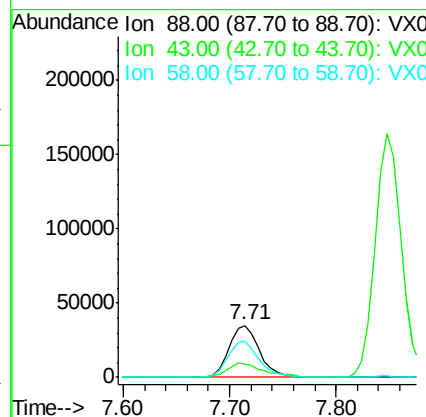
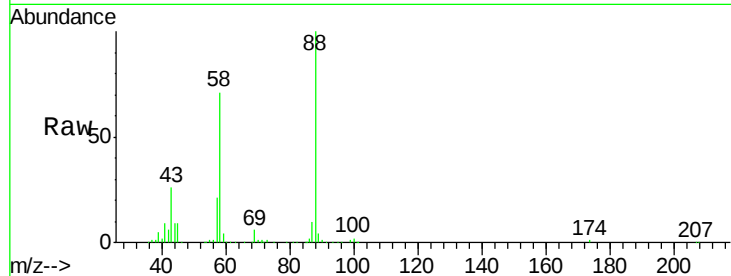
#49
1,4-Dioxane
Concen: 881.642 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.8	38.8
58	71.9	54.8	82.2

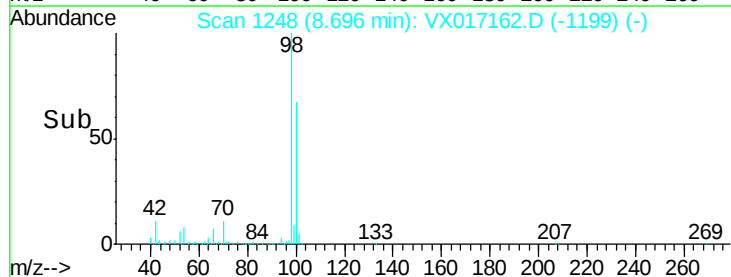
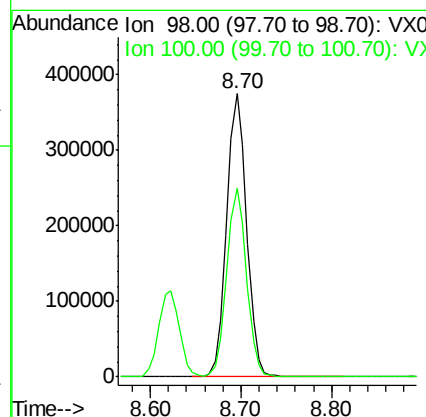
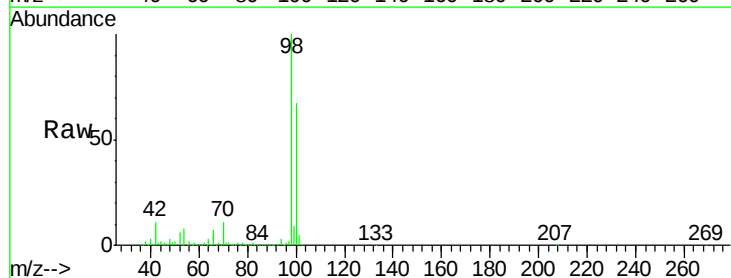
Manual Integrations
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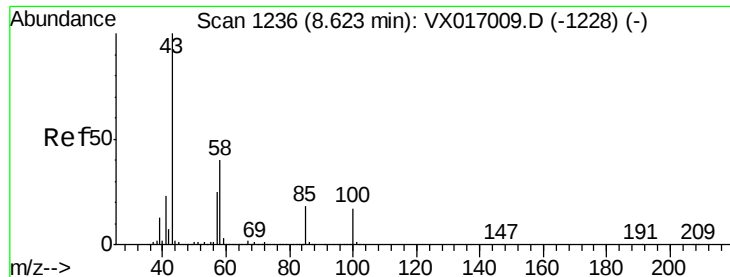
MMDadoda
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#50
Toluene-d8
Concen: 52.629 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 232.963 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1034854

Ion Ratio Lower Upper

43 100

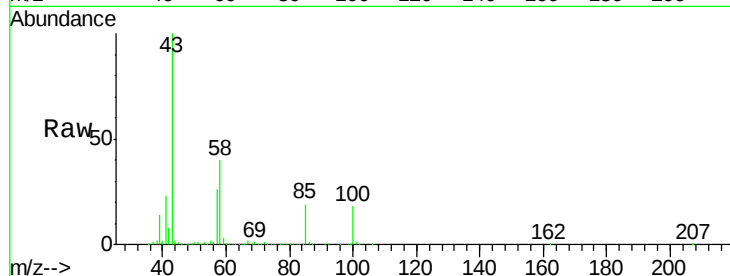
58 40.0 31.9 47.9

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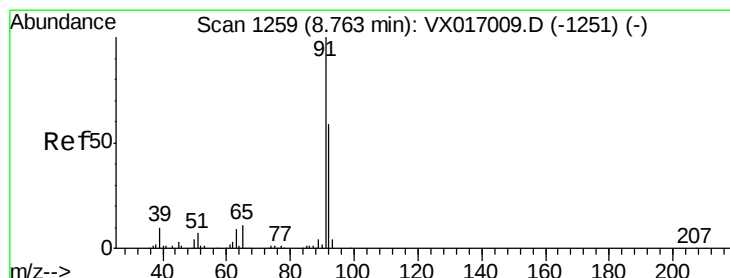
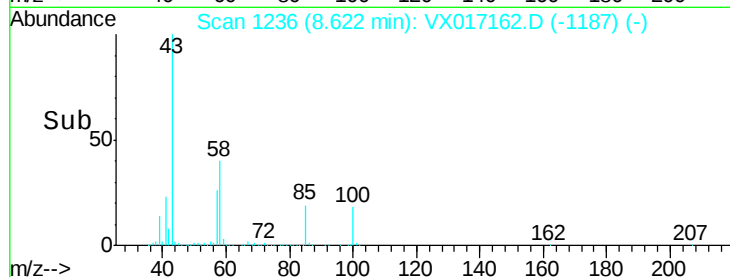
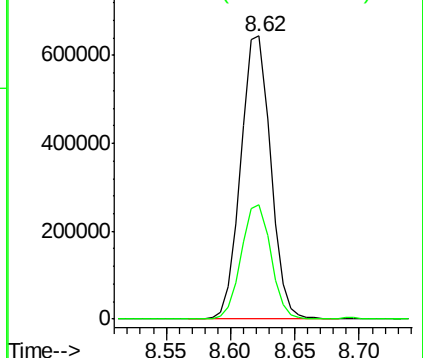
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.306 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017162.D

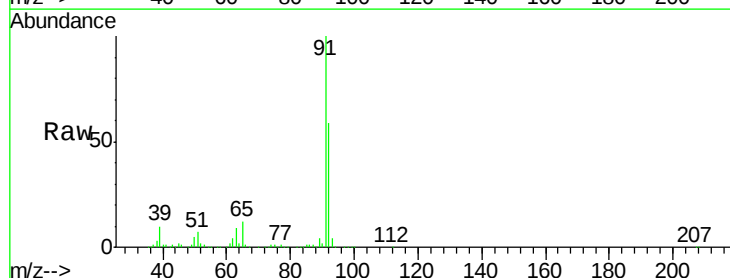
Acq: 06 Jul 2020 12:59

Tgt Ion: 92 Resp: 407886

Ion Ratio Lower Upper

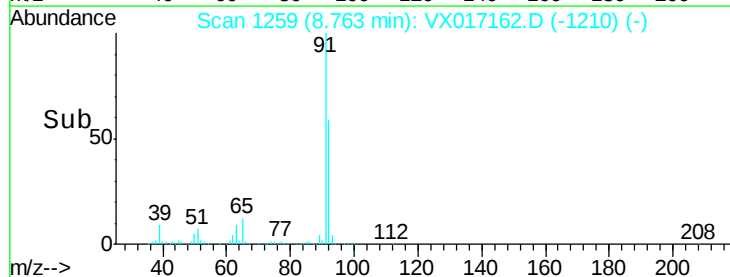
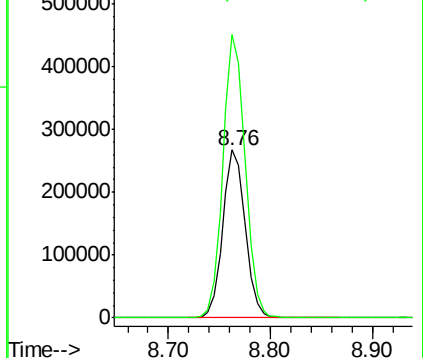
92 100

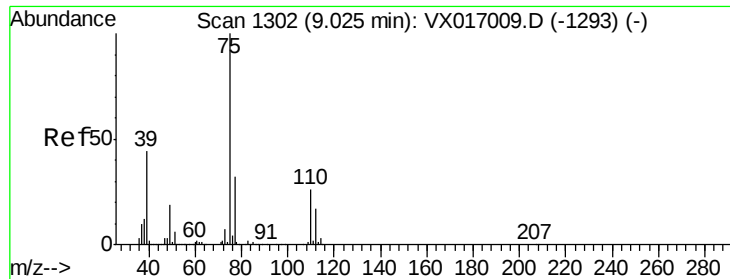
91 167.5 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





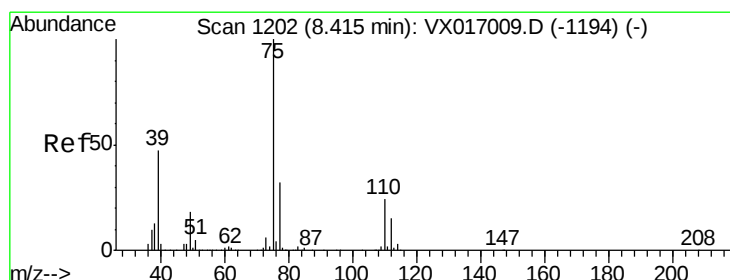
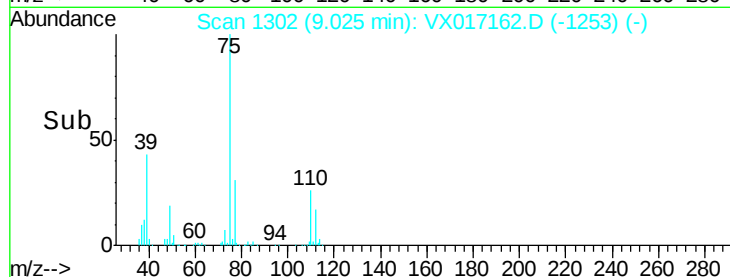
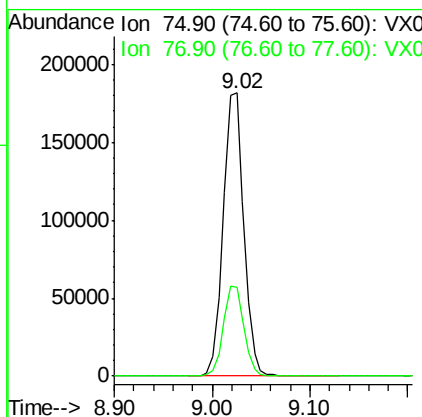
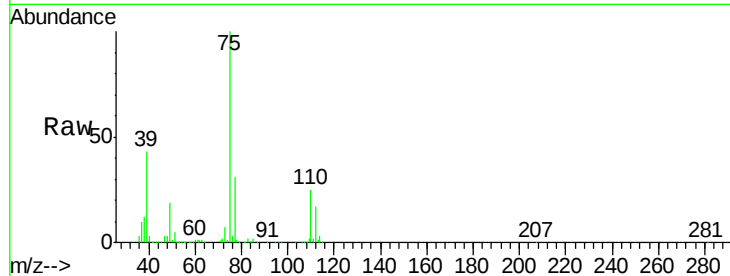
#53
t-1,3-Dichloropropene
Concen: 51.349 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.6	38.4

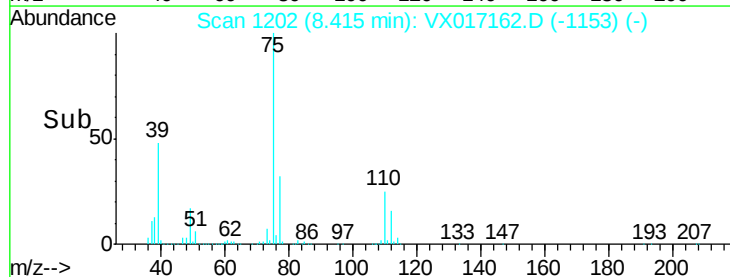
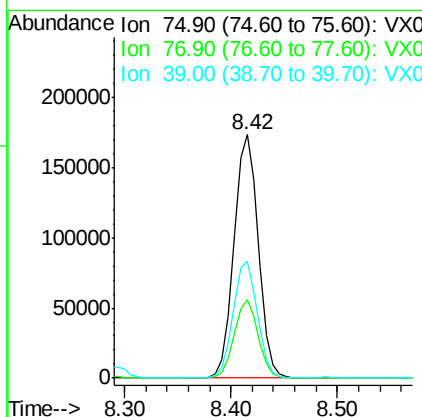
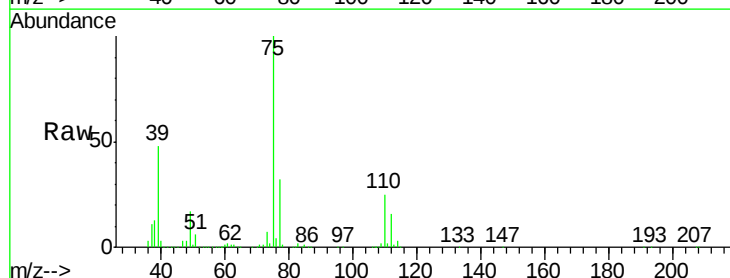
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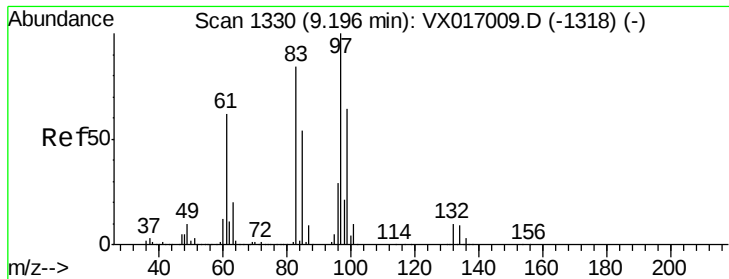
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#54
cis-1,3-Dichloropropene
Concen: 50.121 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8
39	47.7	37.4	56.2





#55

1,1,2-Trichloroethane

Concen: 49.897 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 165295

Ion Ratio Lower Upper

97 100

83 85.7 67.0 100.6

85 53.1 43.5 65.3

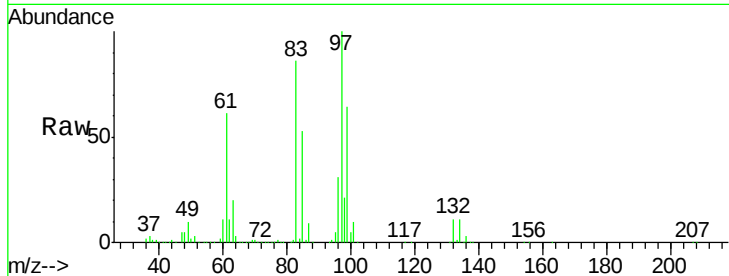
99 63.8 51.0 76.6

Manual Integrations

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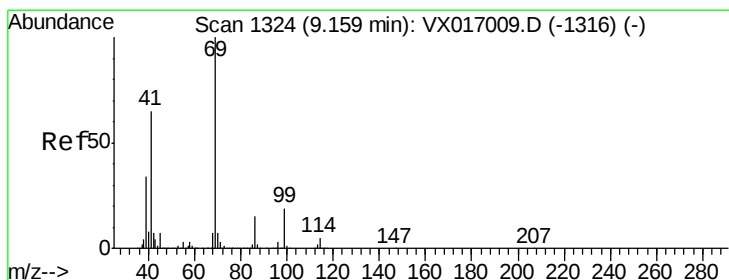
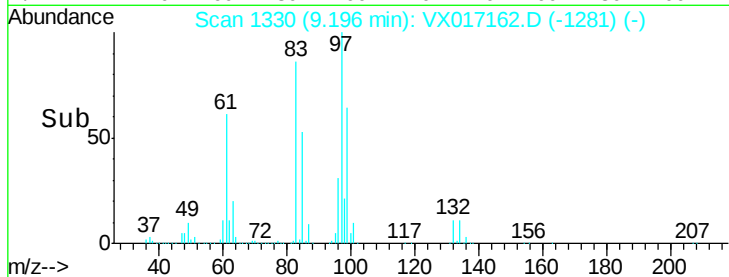
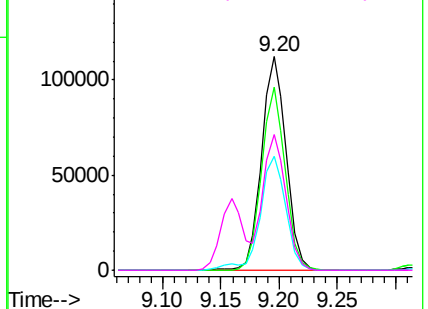


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.084 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

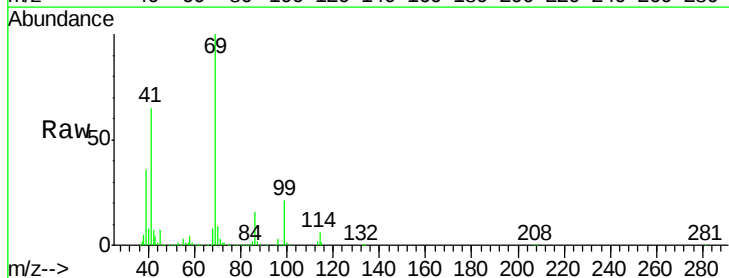
Tgt Ion: 69 Resp: 240867

Ion Ratio Lower Upper

69 100

41 65.9 53.6 80.4

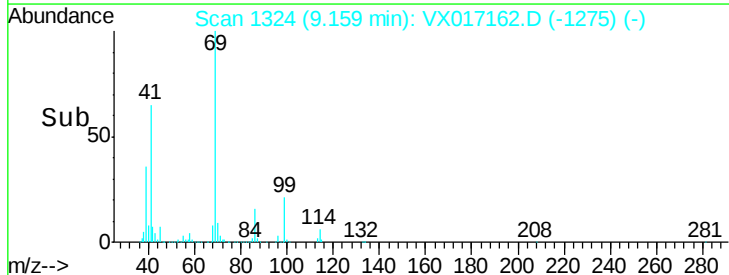
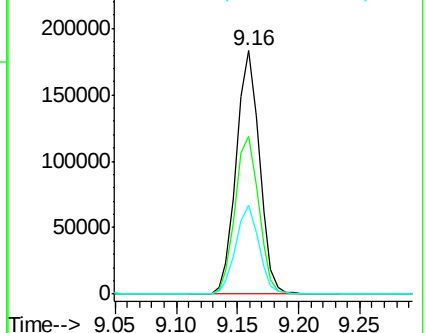
39 36.2 28.2 42.2

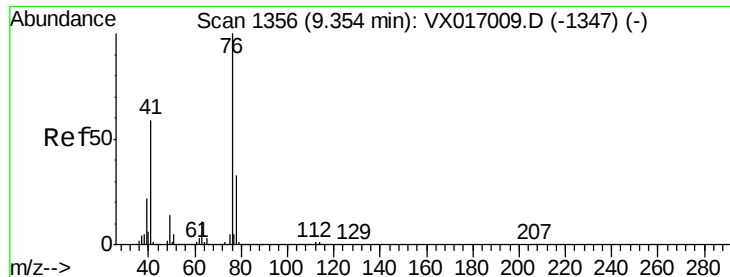


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.314 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 270822

Ion Ratio Lower Upper

76 100

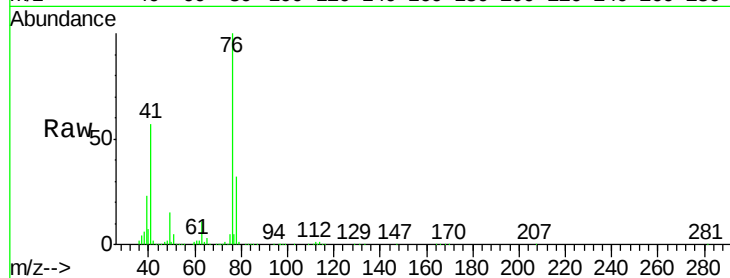
78 33.0 25.9 38.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

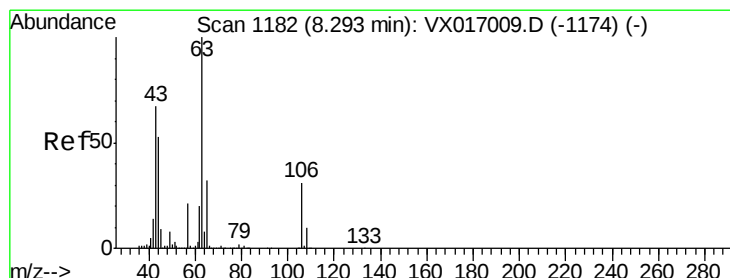
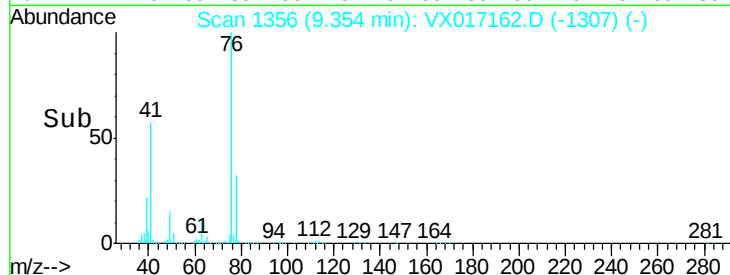
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 272.766 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017162.D

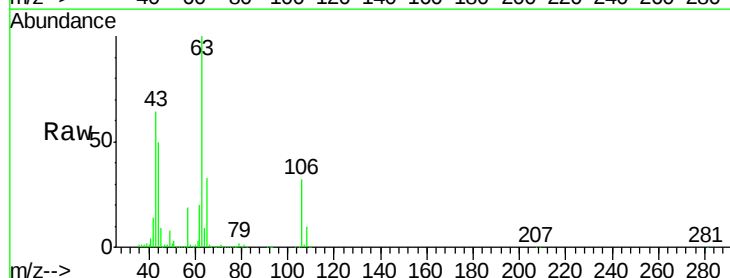
Acq: 06 Jul 2020 12:59

Tgt Ion: 63 Resp: 640091

Ion Ratio Lower Upper

63 100

106 31.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

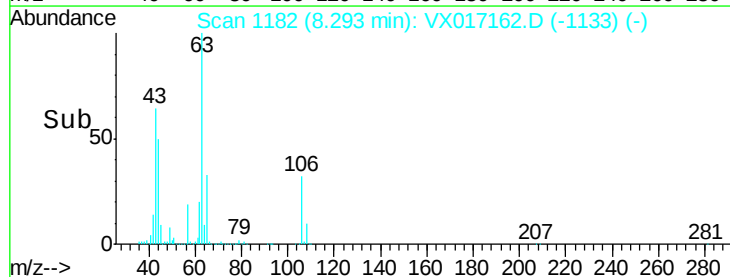
300000

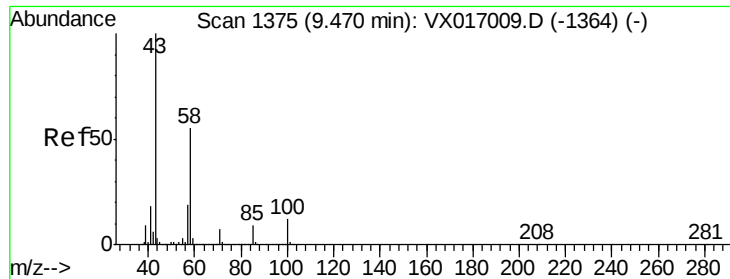
200000

100000

0

Time-->





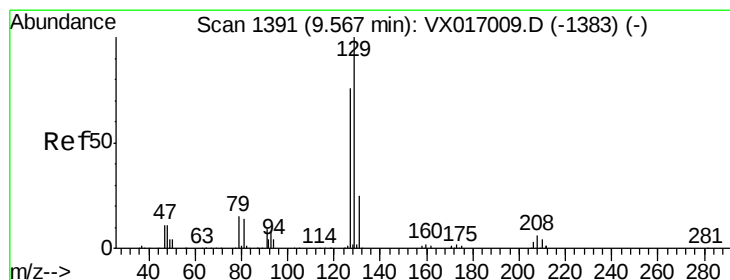
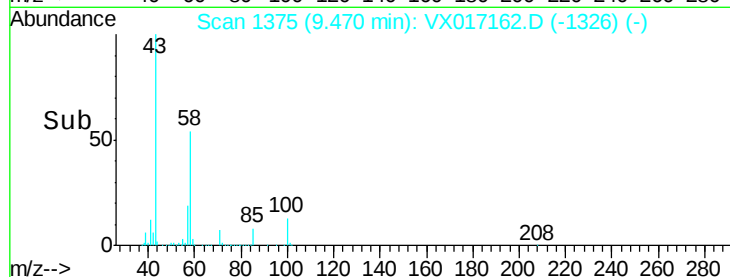
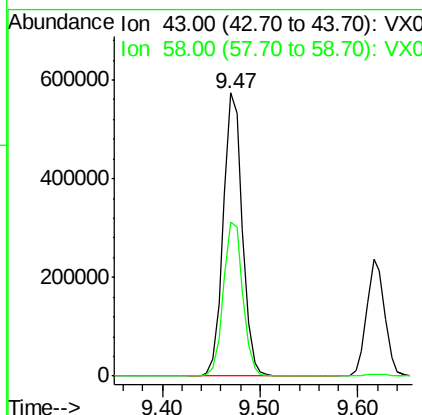
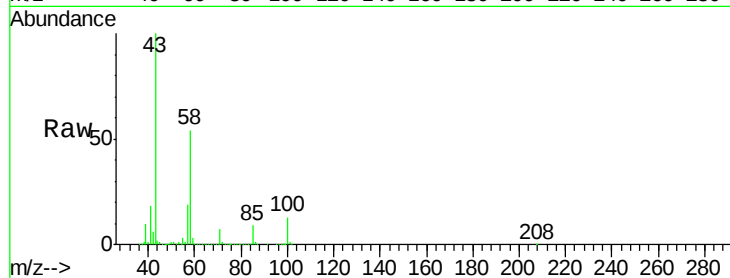
#59
2-Hexanone
Concen: 238.145 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 772599
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6

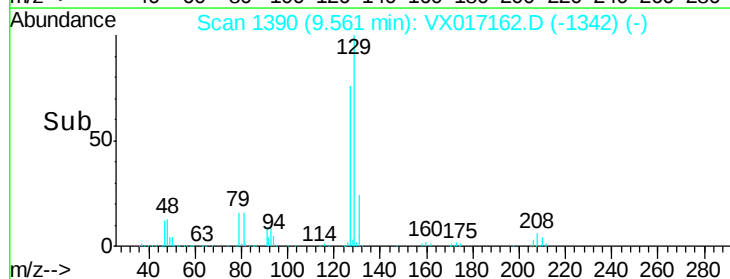
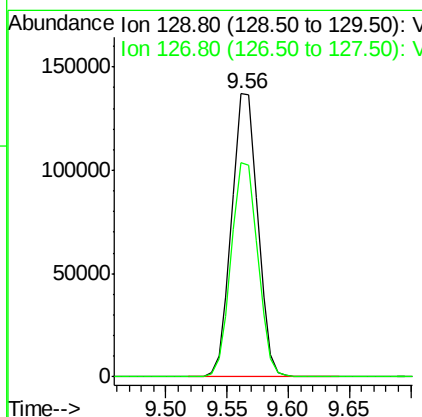
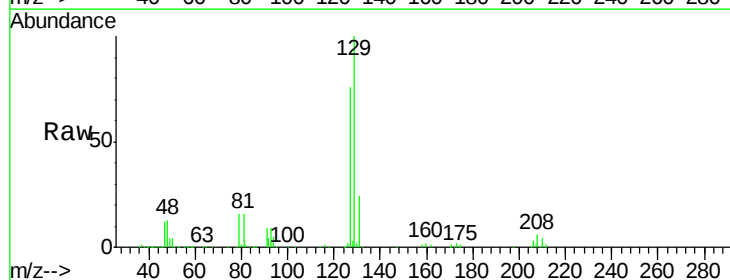
Manual Integrations
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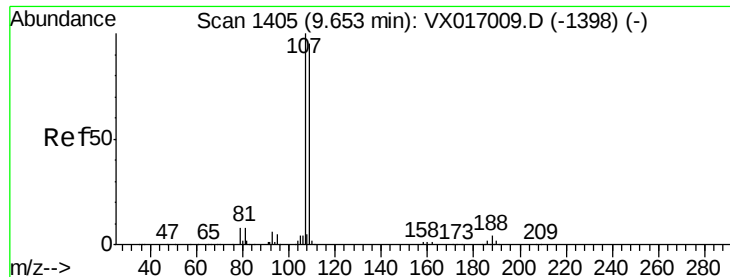
MMDadoda
7/7/2020 12:24:36 PM



#60
Dibromochloromethane
Concen: 52.629 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 129 Resp: 202496
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.678 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 107 Resp: 176896

Ion Ratio Lower Upper

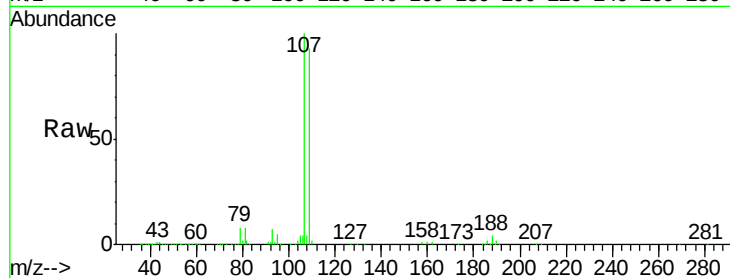
107 100

109 94.1 75.8 113.8

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

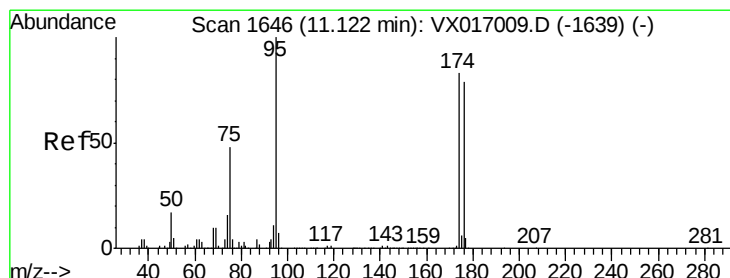
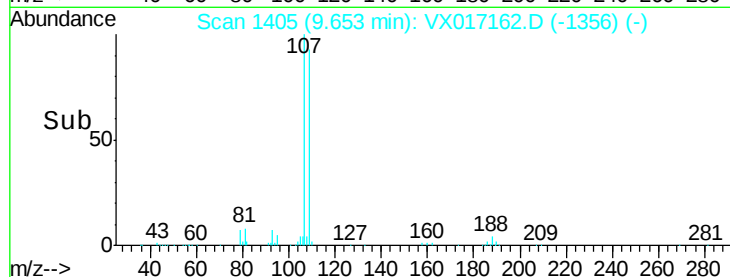
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.523 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

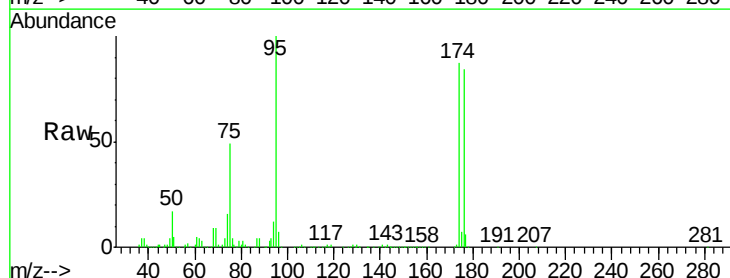
Tgt Ion: 95 Resp: 233155

Ion Ratio Lower Upper

95 100

174 84.7 0.0 164.0

176 82.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

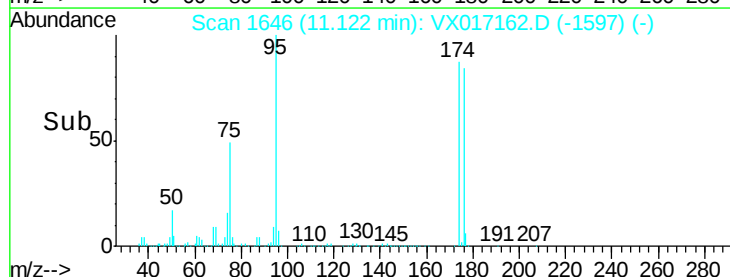
150000

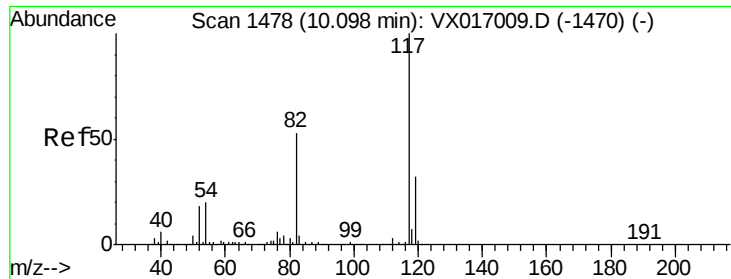
100000

50000

0

Time-->





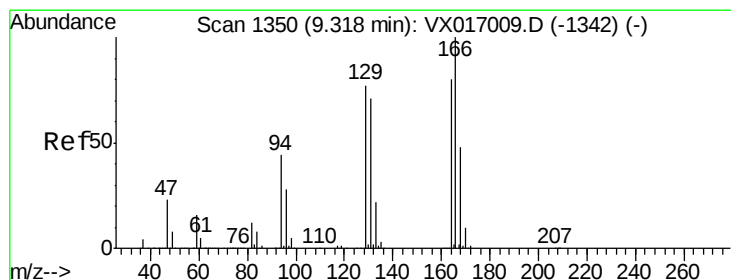
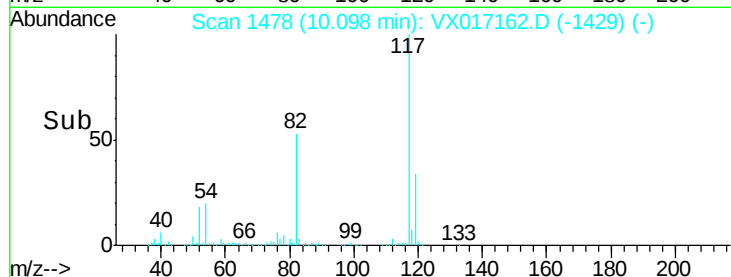
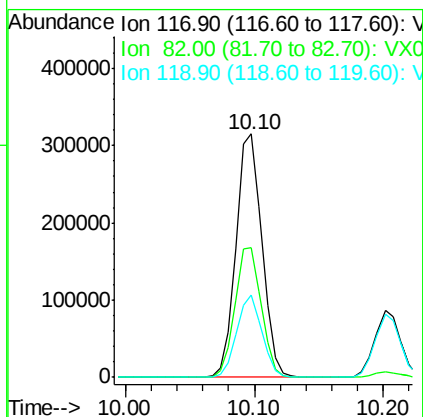
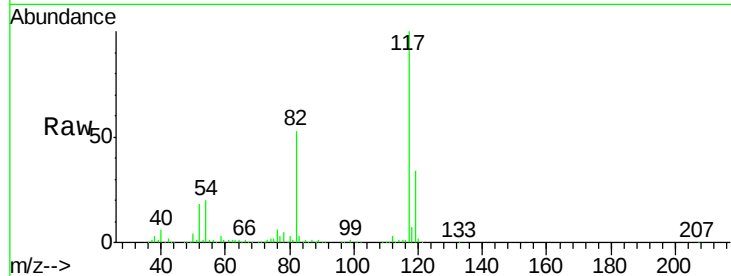
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	63.8
119	34.0	25.4	38.2

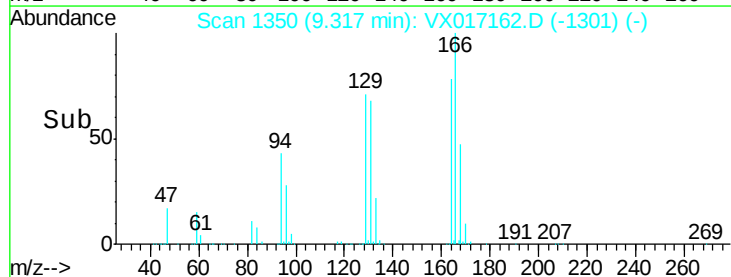
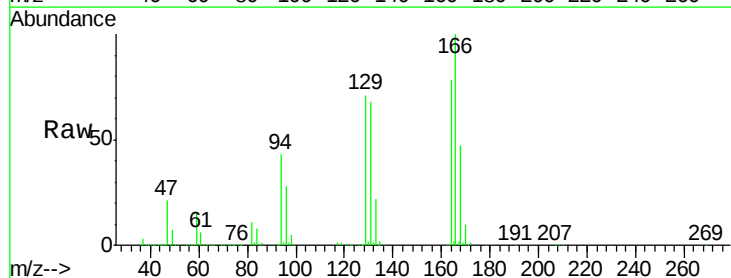
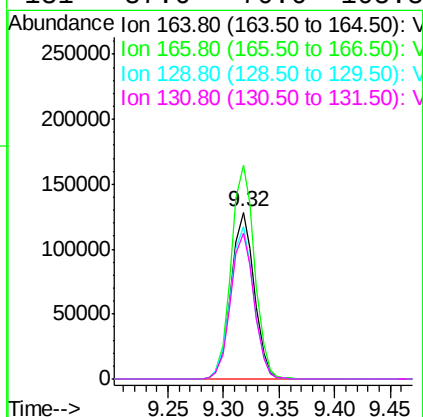
Manual Integrations
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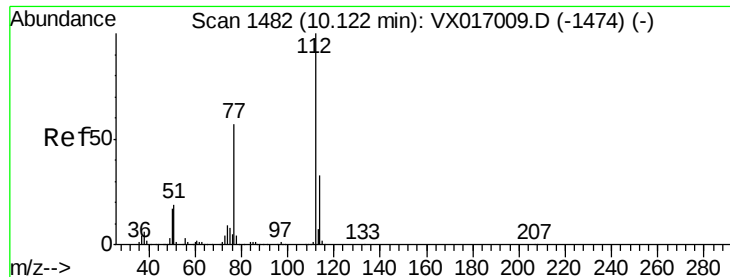
MMDadoda
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#64
Tetrachloroethene
Concen: 51.741 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	99.4	149.0
129	91.6	76.3	114.5
131	87.6	70.6	105.8





#65

Chlorobenzene

Concen: 49.718 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 453130

Ion Ratio Lower Upper

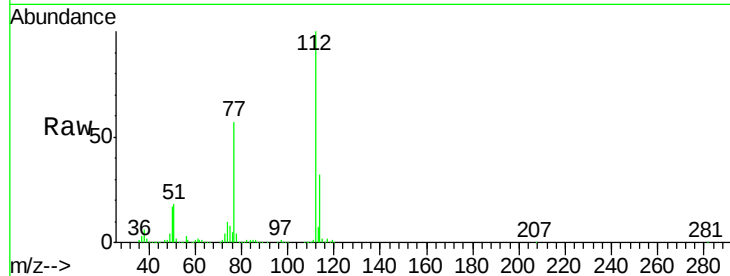
112 100

114 32.1 26.2 39.4

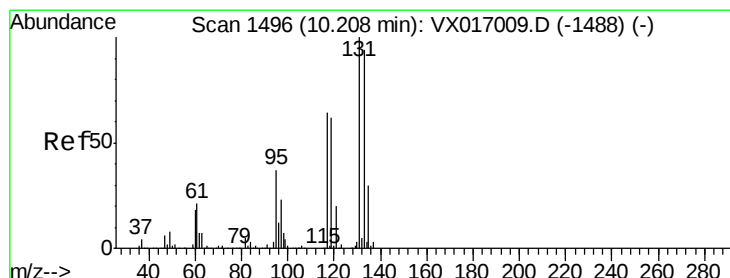
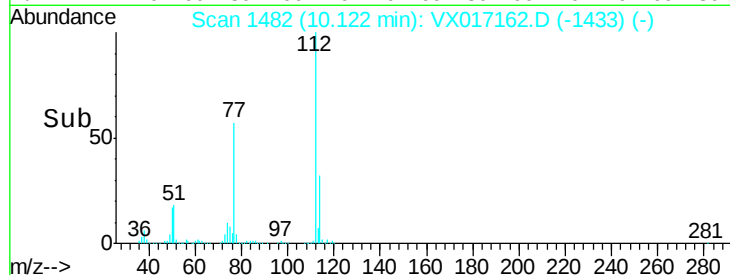
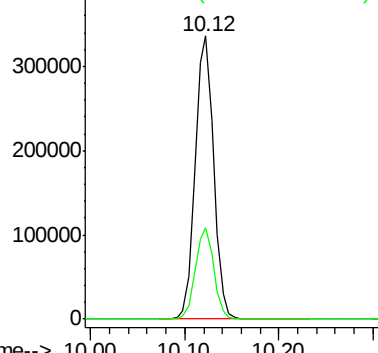
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.385 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

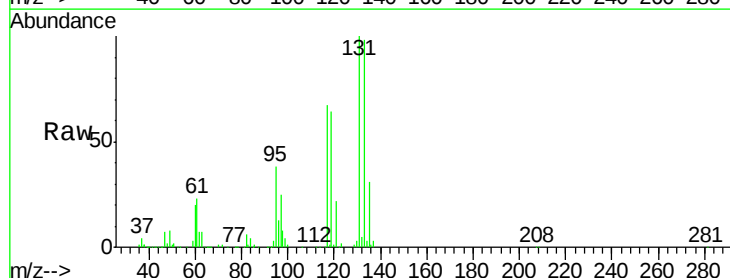
Tgt Ion:131 Resp: 180487

Ion Ratio Lower Upper

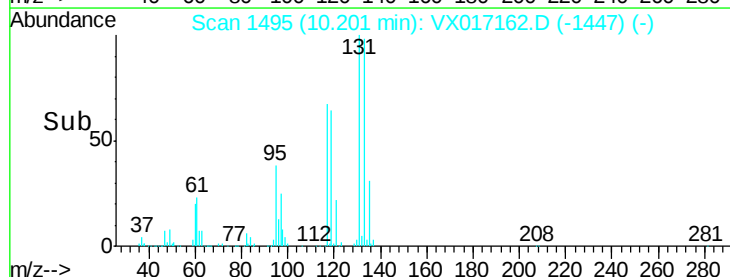
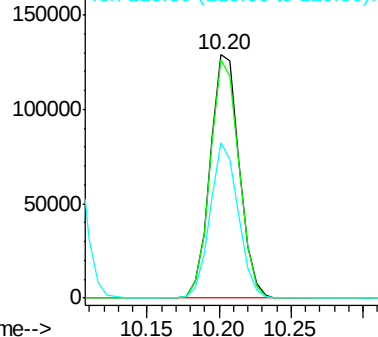
131 100

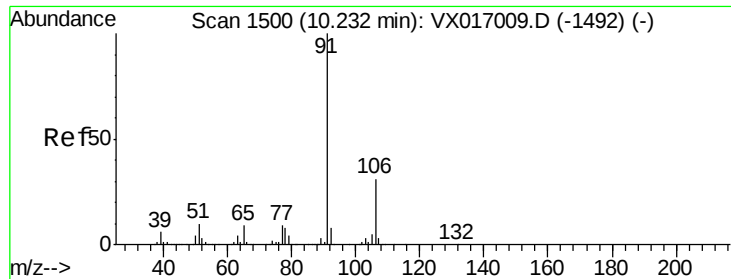
133 96.7 47.3 141.9

119 61.9 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





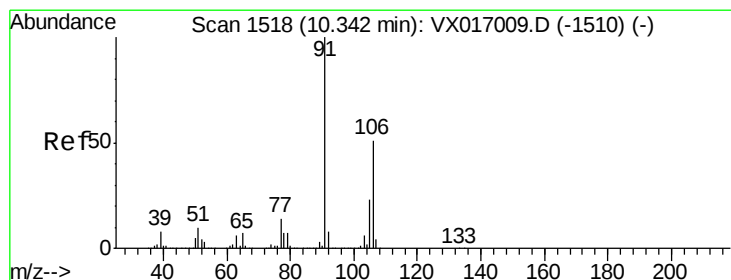
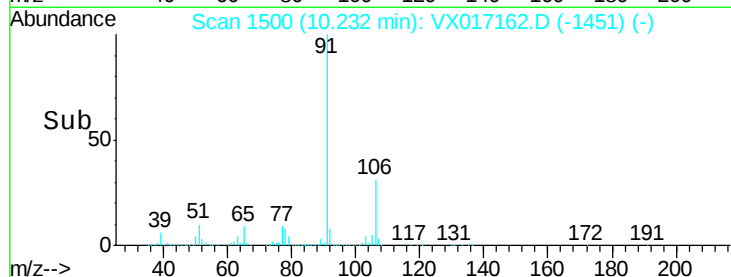
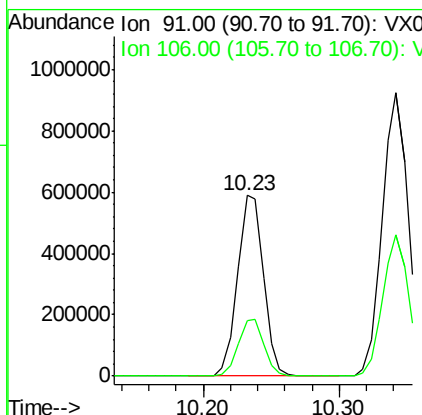
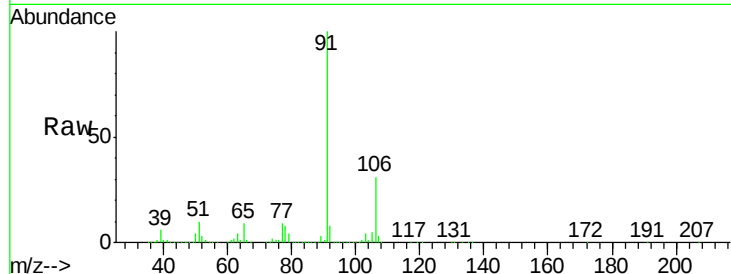
#67
Ethyl Benzene
Concen: 51.351 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 781593
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

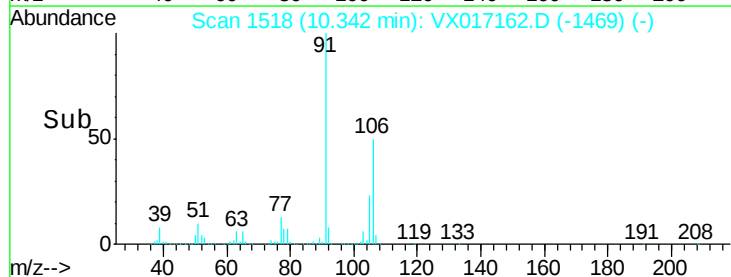
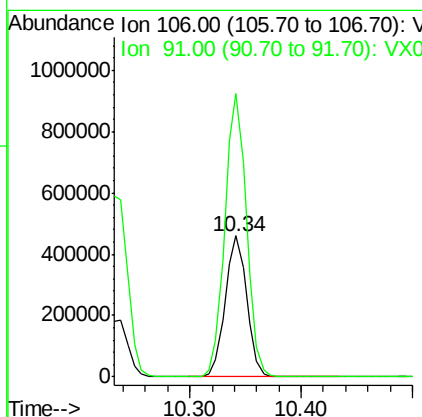
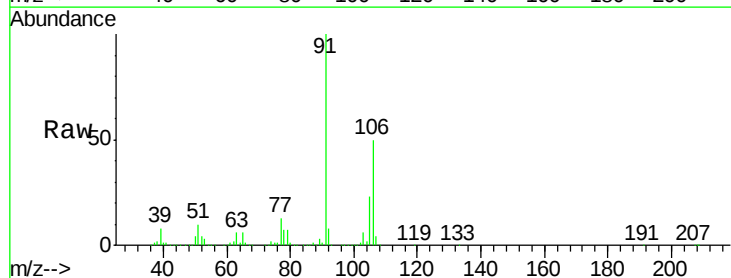
Manual Integrations
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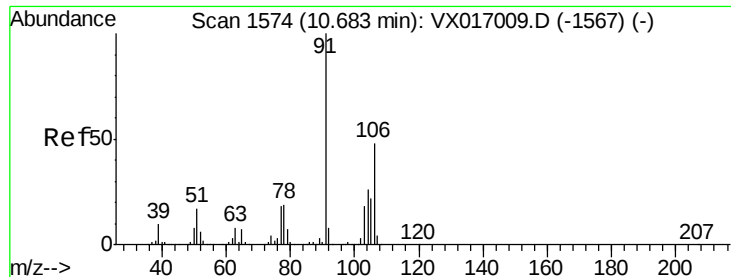
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#68
m/p-Xylenes
Concen: 104.702 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 106 Resp: 611897
Ion Ratio Lower Upper
106 100
91 201.8 158.6 238.0





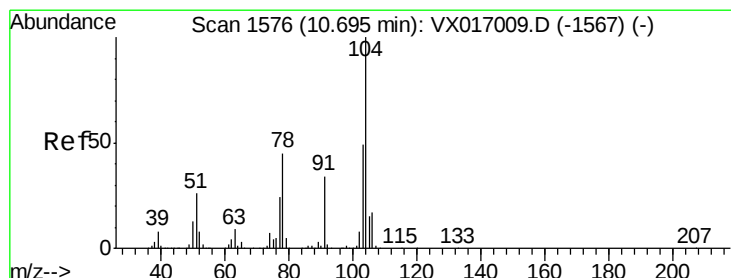
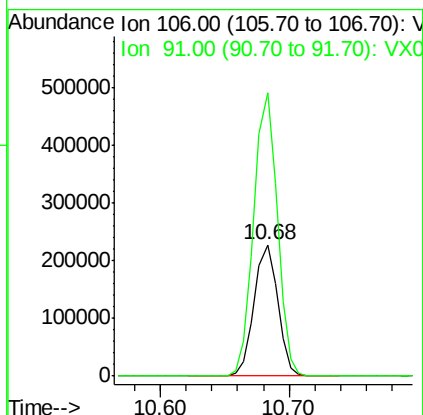
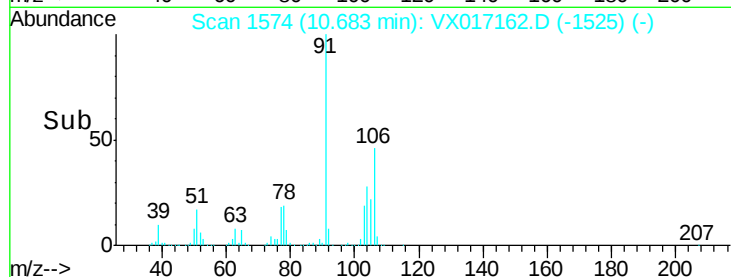
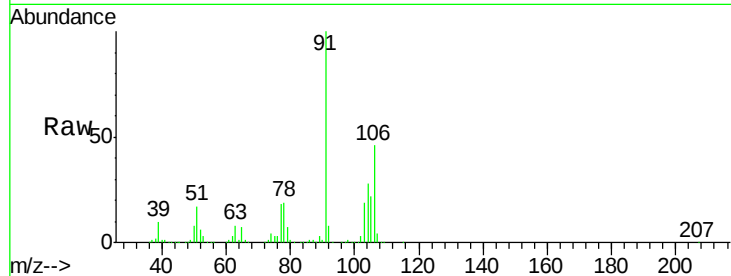
#69
o-Xylene
Concen: 51.606 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	105.6	316.7

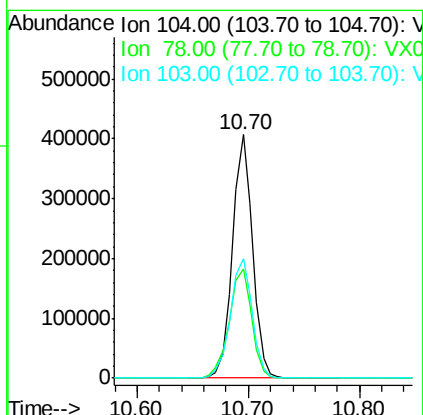
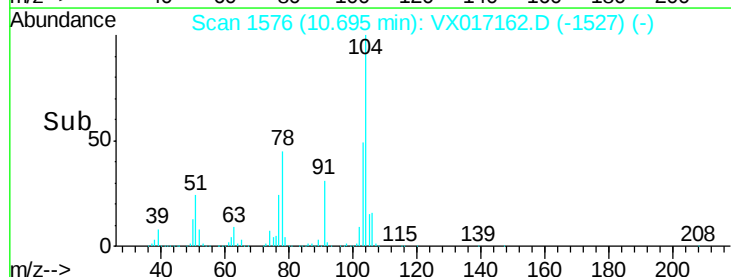
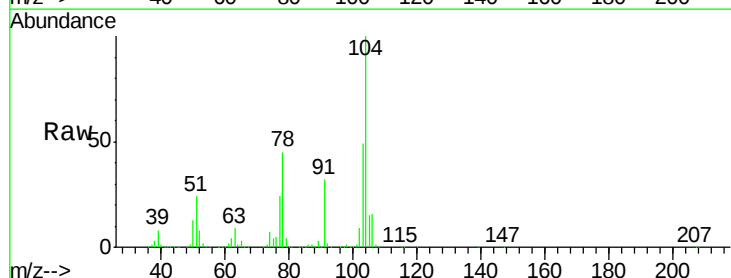
Manual Integrations
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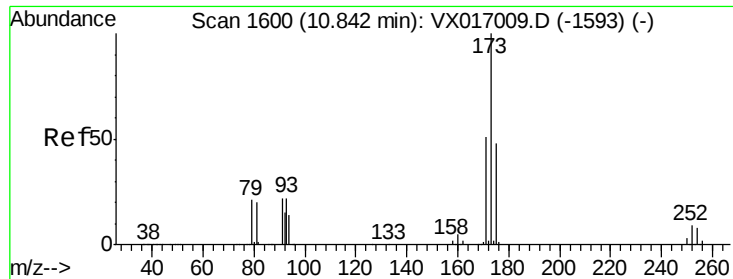
MMDadoda
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#70
Styrene
Concen: 53.248 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	39.5	59.3
103	53.7	43.0	64.6





#71

Bromoform

Concen: 56.173 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

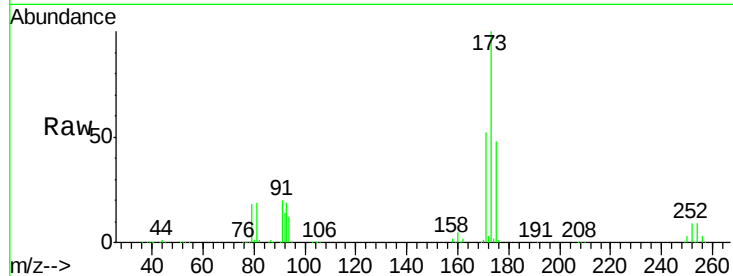
ClientSampleId :

VSTDCCC050

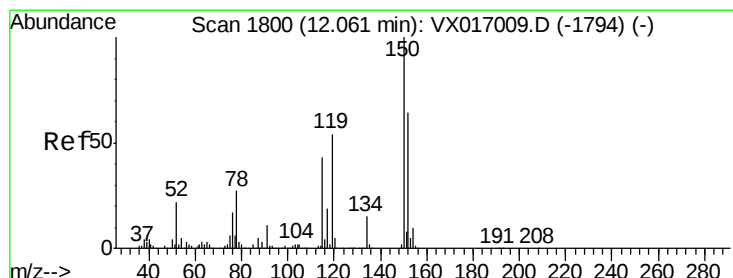
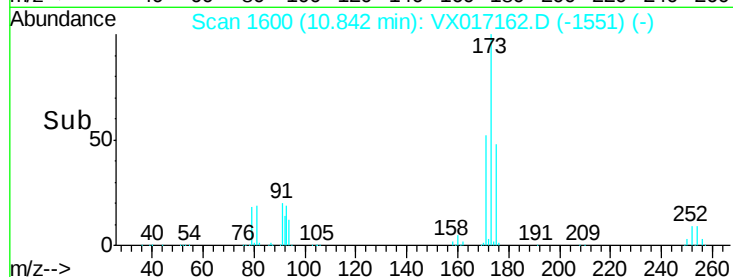
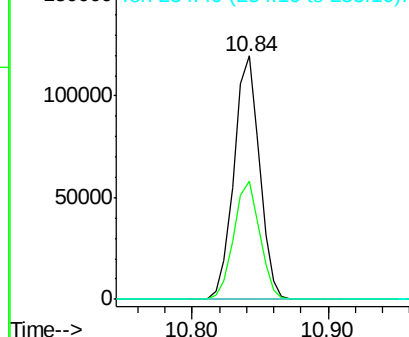
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.5	73.5
254	0.1	0.1	0.1

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

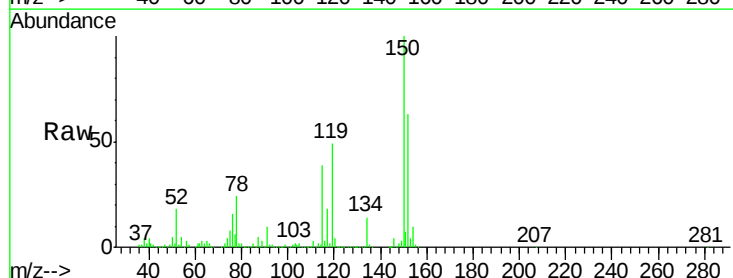
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

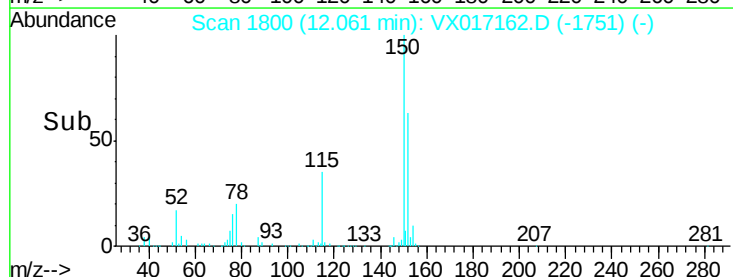
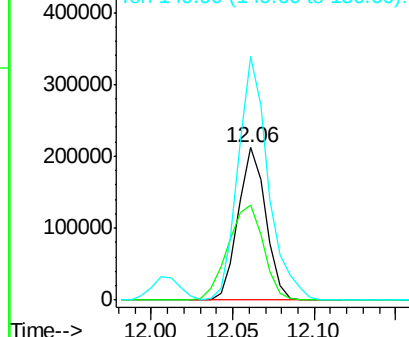
Lab File: VX017162.D

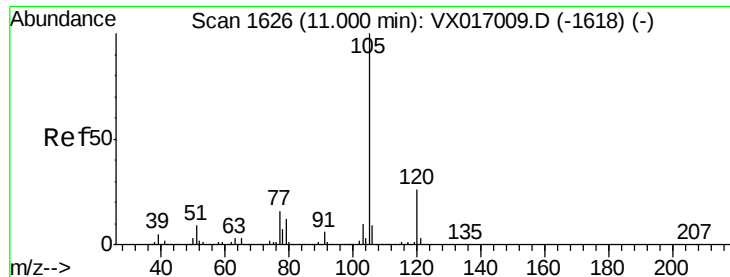
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.9	40.9	122.7
150	173.7	0.0	351.6



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





#73

Isopropylbenzene

Concen: 48.651 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 799187

Ion Ratio Lower Upper

105 100

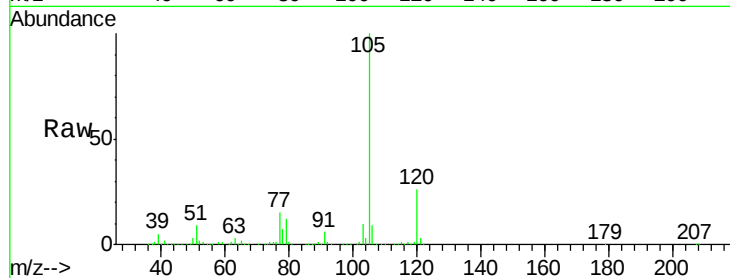
120 26.6 13.4 40.2

Manual Integrations

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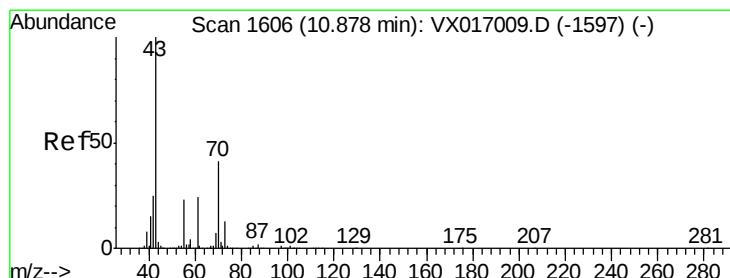
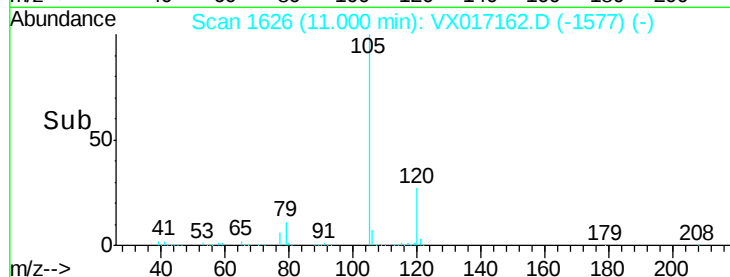
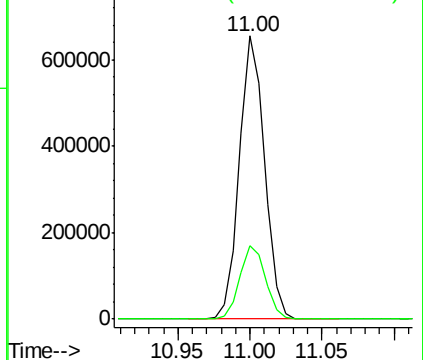
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.103 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion: 43 Resp: 316141

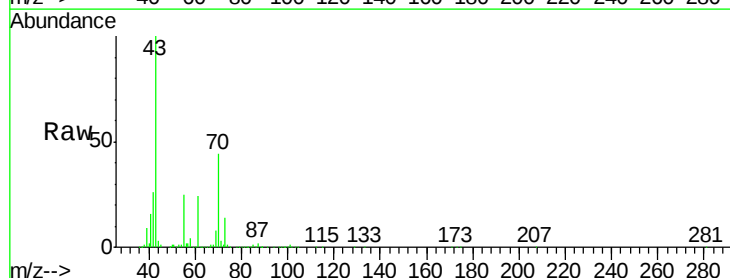
Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.2

55 24.6 19.2 28.8

61 24.3 19.6 29.4

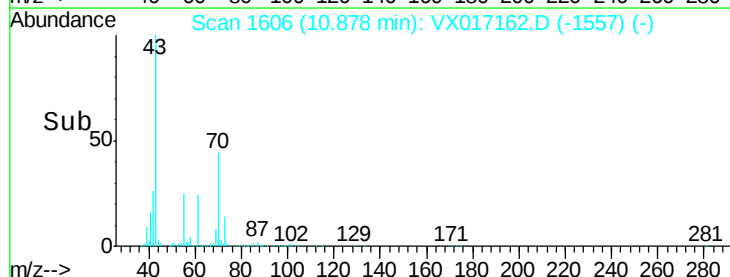
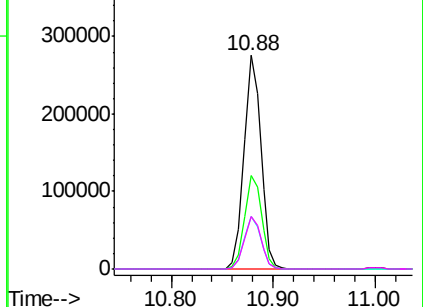


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.273 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 228768

Ion Ratio Lower Upper

83 100

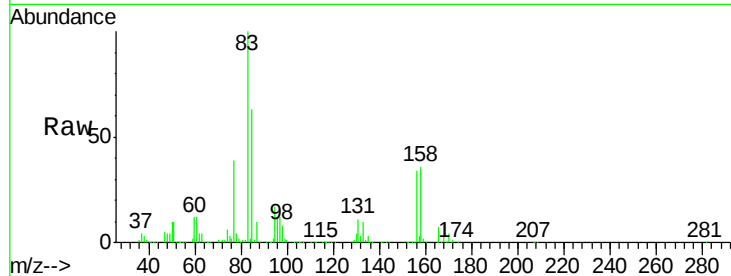
131 11.2 5.4 16.2

85 63.9 31.9 95.9

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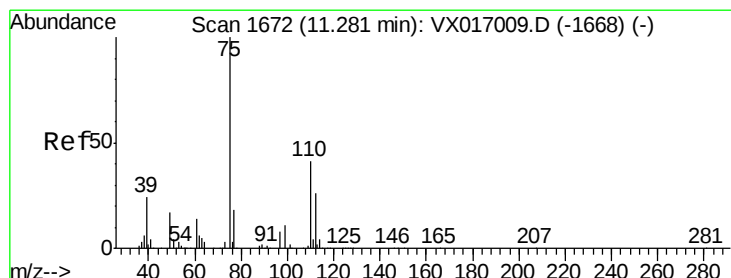
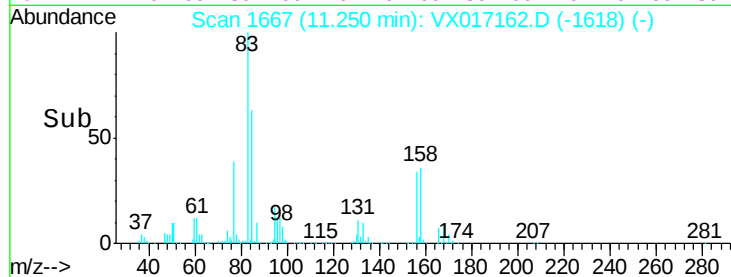
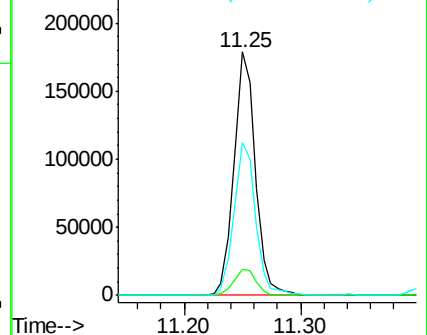
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 45.576 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017162.D

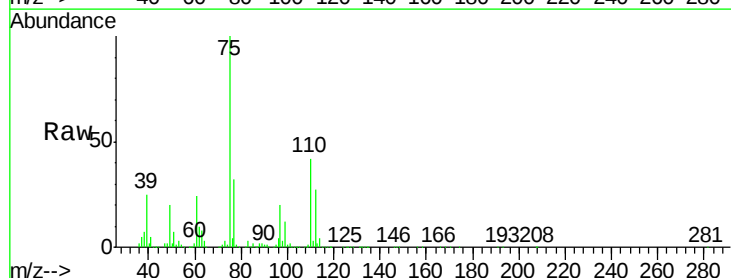
Acq: 06 Jul 2020 12:59

Tgt Ion: 75 Resp: 224765

Ion Ratio Lower Upper

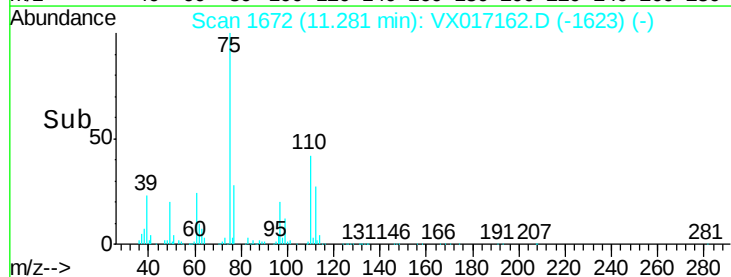
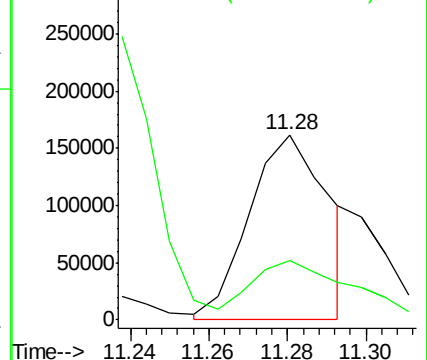
75 100

77 40.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.190 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

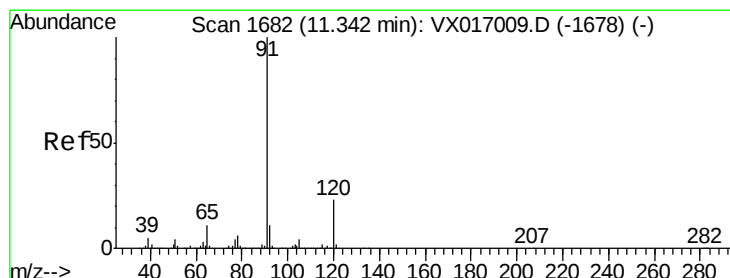
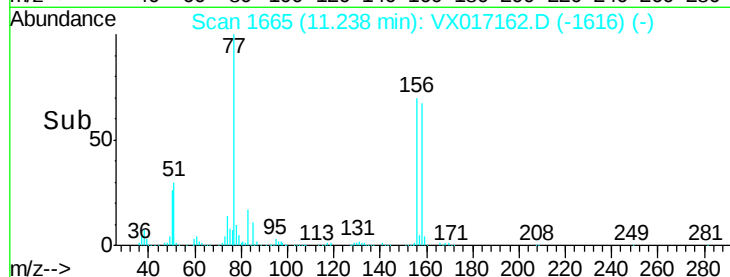
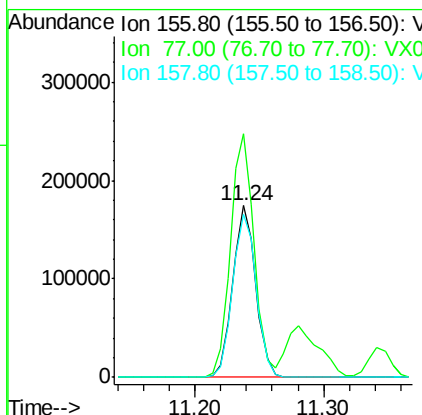
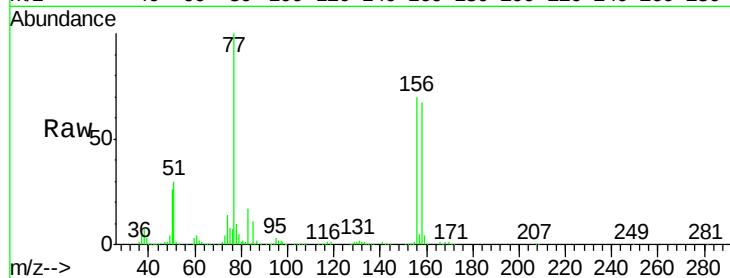
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	217566
Ion Ratio	Lower	Upper	
156	100		
77	145.8	76.9	230.7
158	97.9	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.262 ug/l

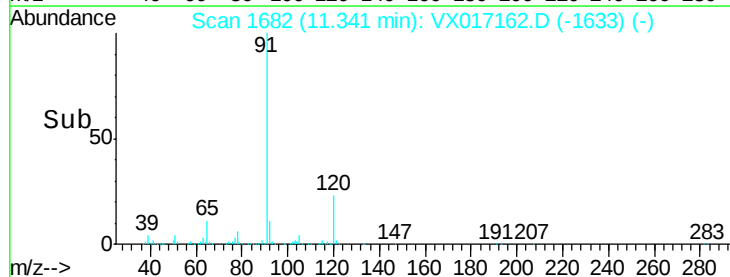
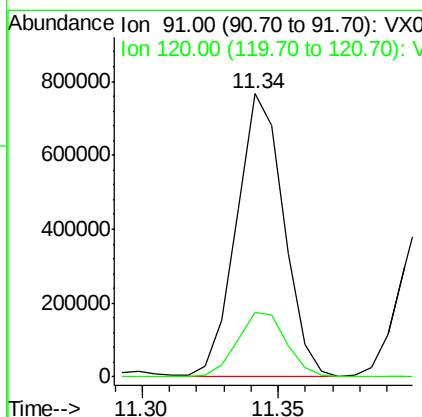
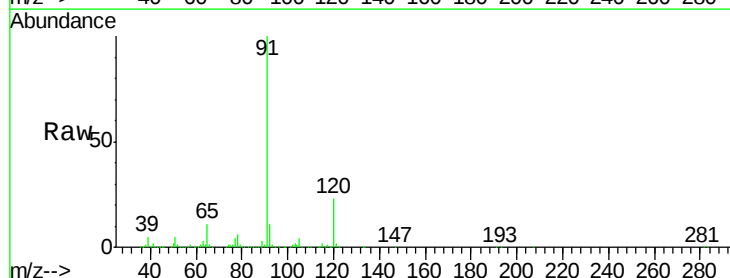
RT: 11.34 min Scan# 1682

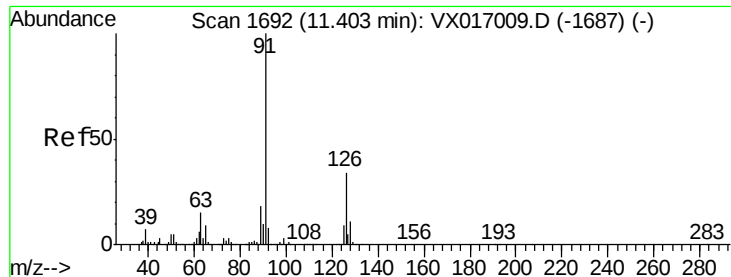
Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion:	91	Resp:	915107
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.9	35.9





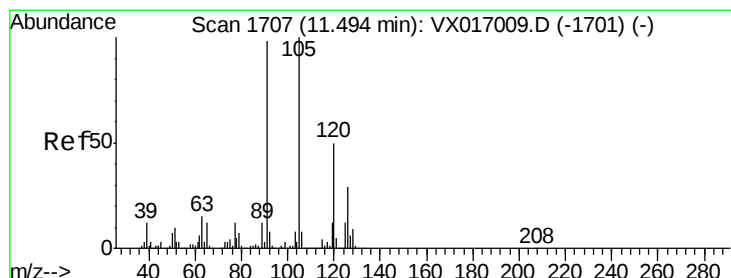
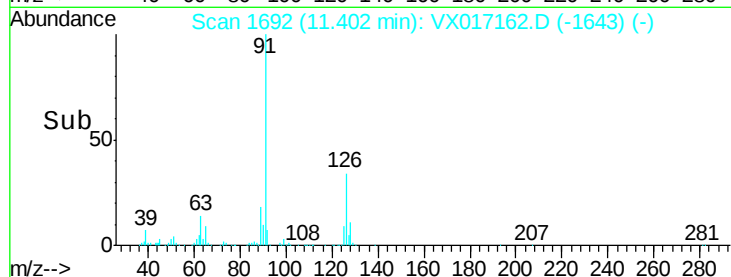
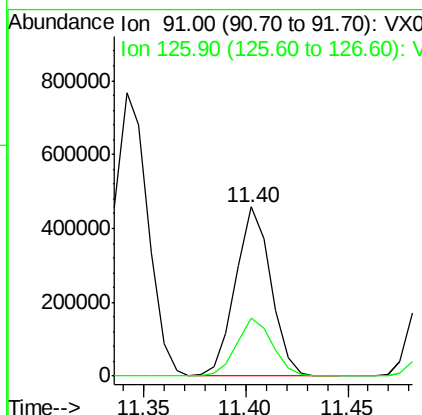
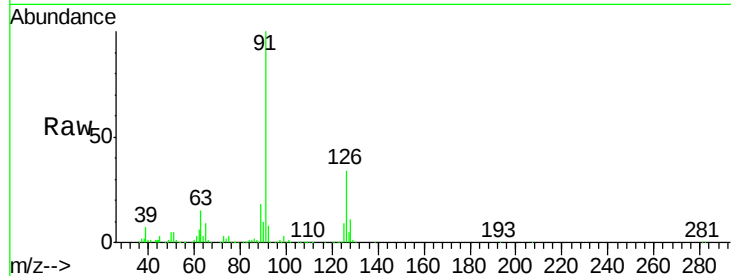
#79
2-Chlorotoluene
Concen: 48.883 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 549572
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3

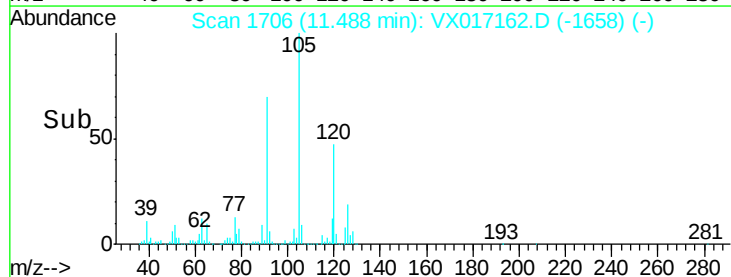
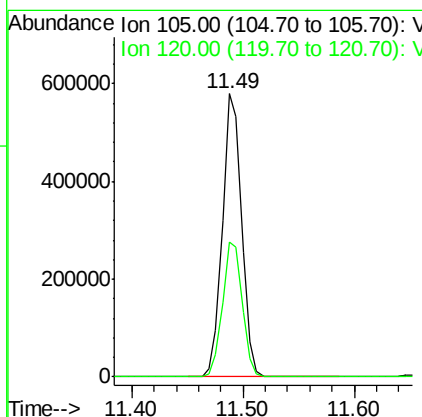
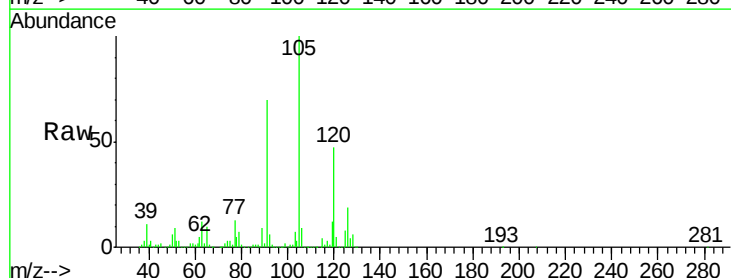
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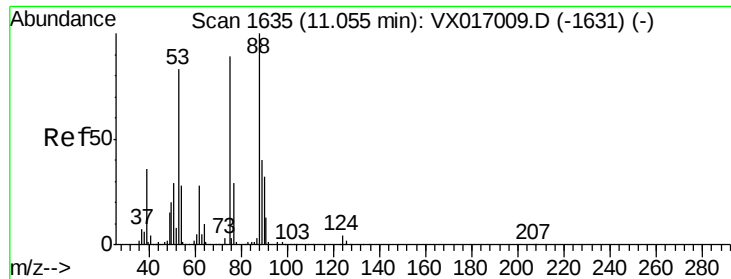
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 50.793 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 105 Resp: 692096
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.6





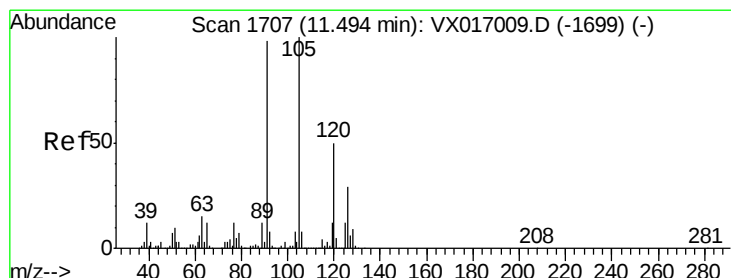
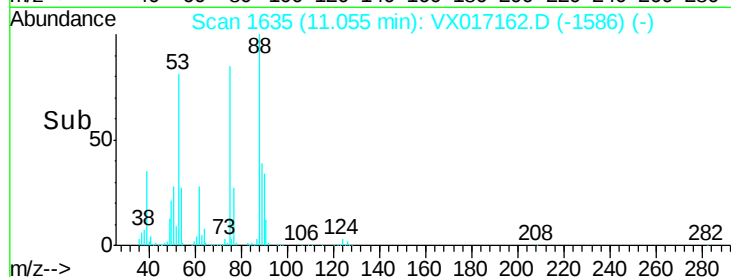
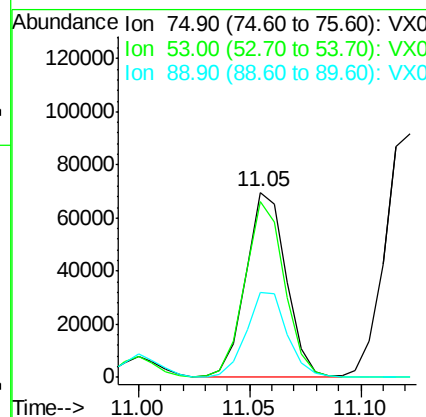
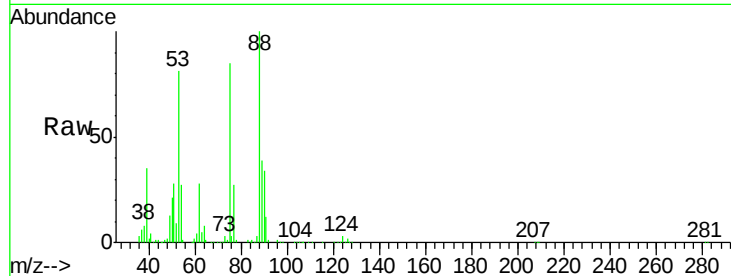
#81
trans-1,4-Dichloro-2-butene
Concen: 45.977 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	72.4	108.6
89	47.2	37.0	55.4

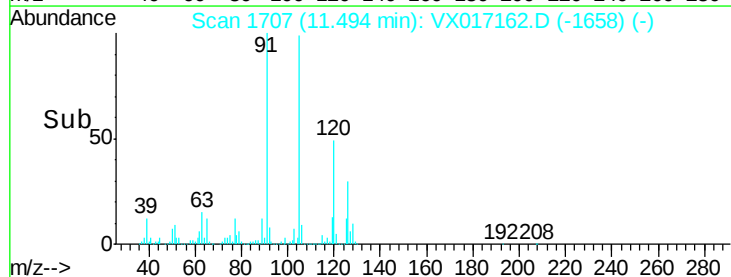
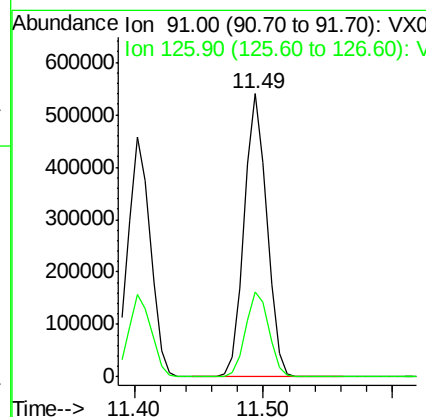
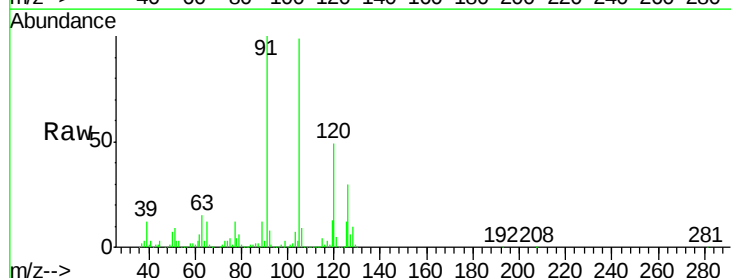
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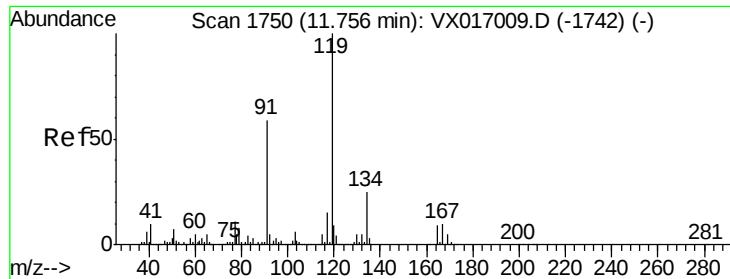
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.024 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.2	45.5





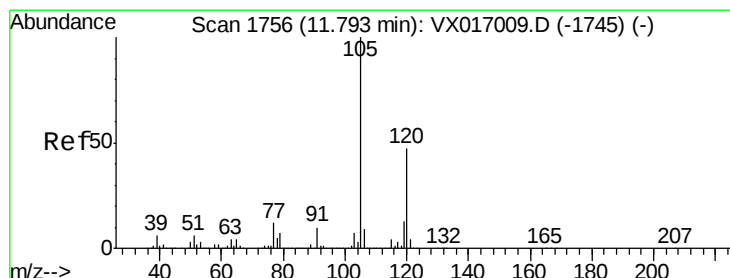
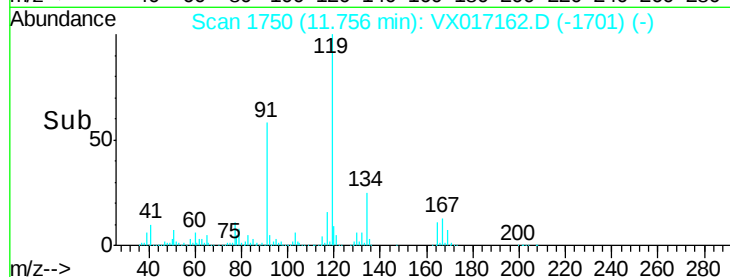
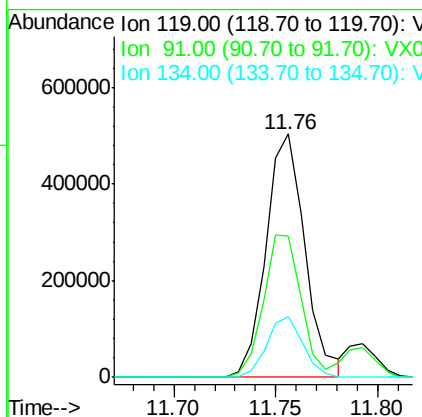
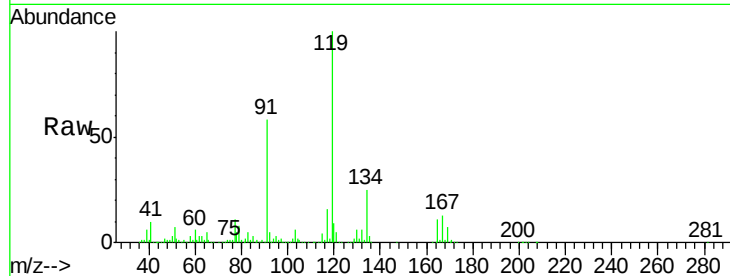
#83
tert-Butylbenzene
Concen: 50.056 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	28.3	84.9
134	23.4	11.7	35.1

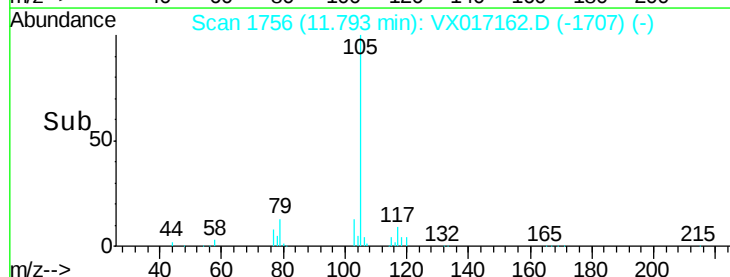
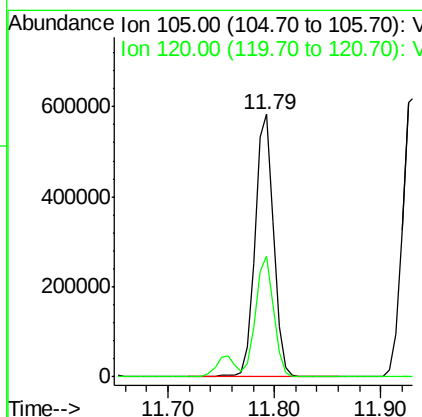
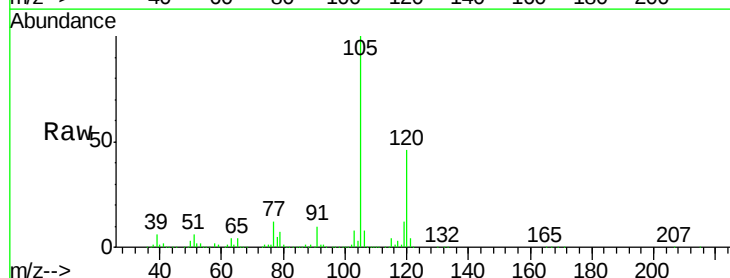
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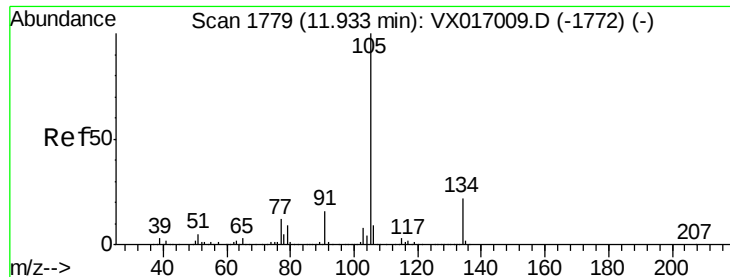
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.304 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.9	68.5





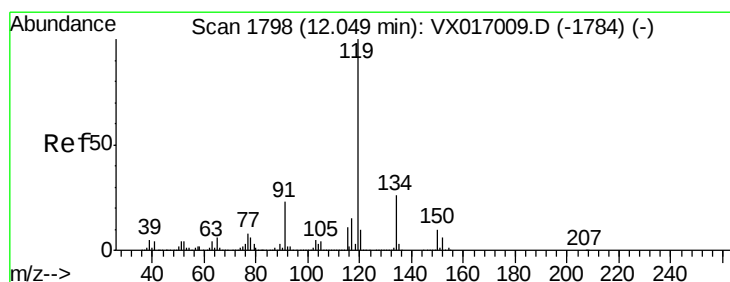
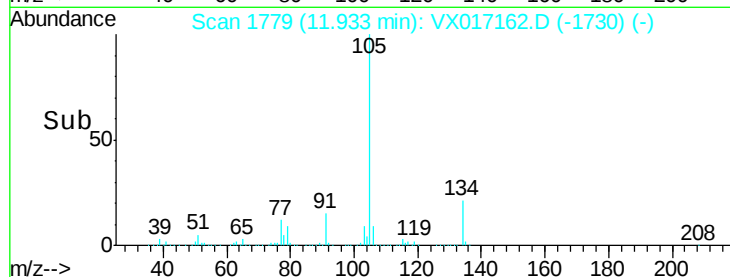
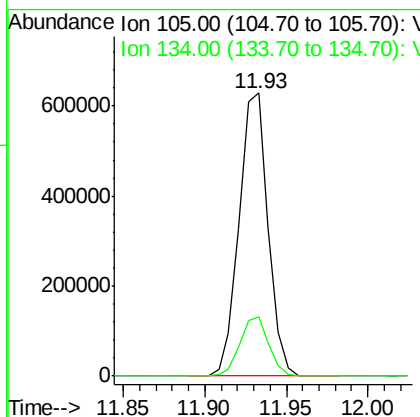
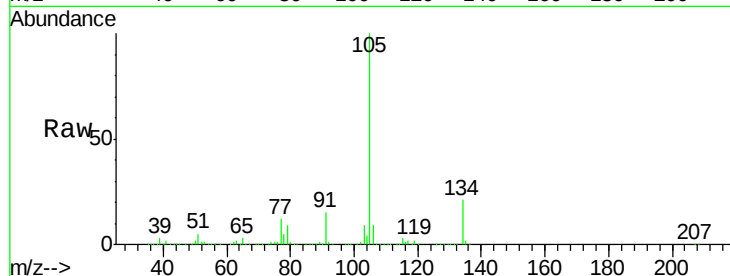
#85
 sec-Butylbenzene
 Concen: 49.583 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	779589		
134	20.6	10.5	31.6	

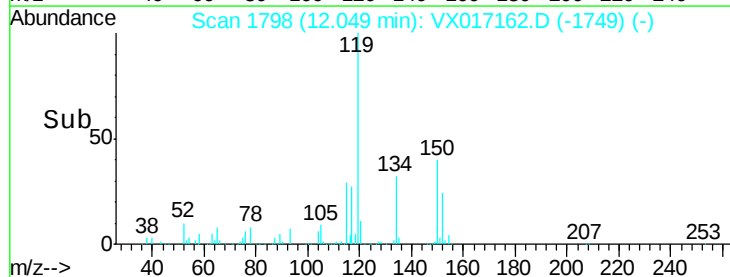
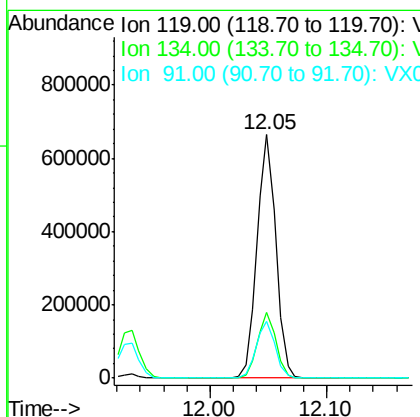
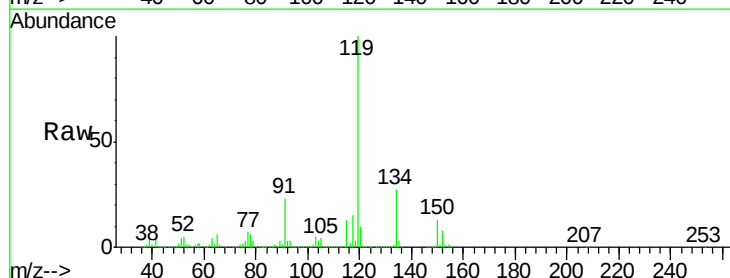
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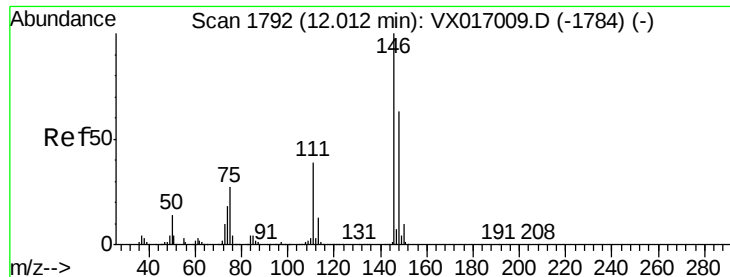
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#86
 p-Isopropyltoluene
 Concen: 51.420 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	752630		
134	26.8	13.2	39.5	
91	23.6	11.8	35.4	





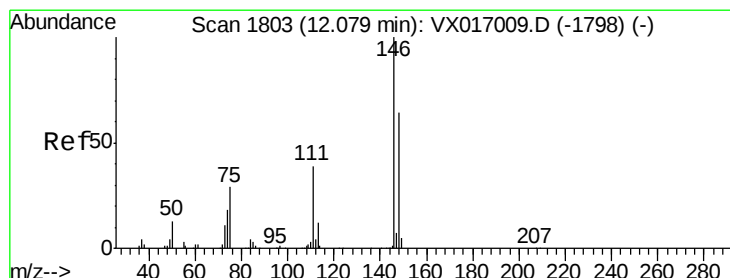
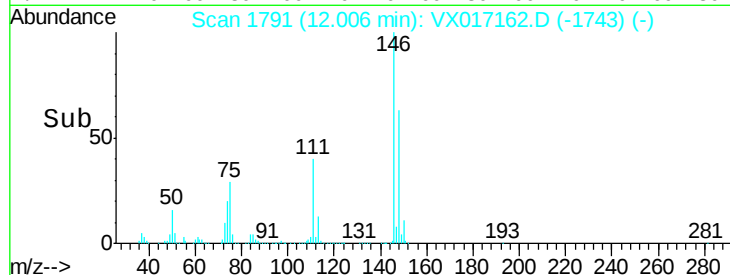
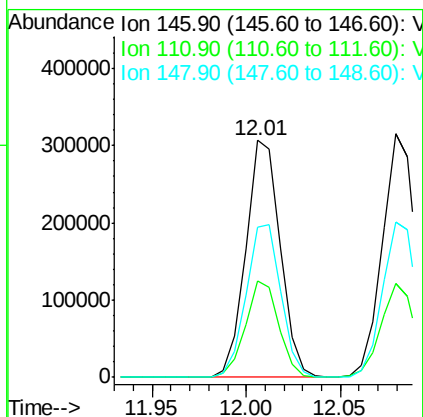
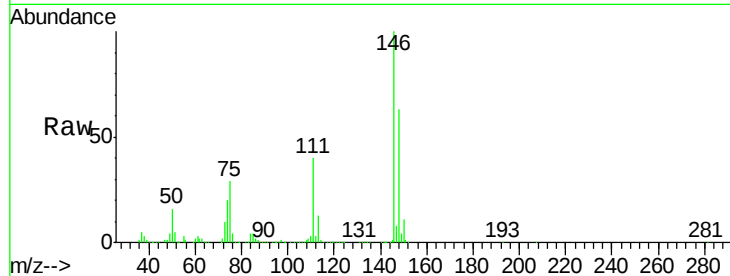
#87
 1,3-Dichlorobenzene
 Concen: 47.479 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.4	61.2
148	65.2	32.5	97.5

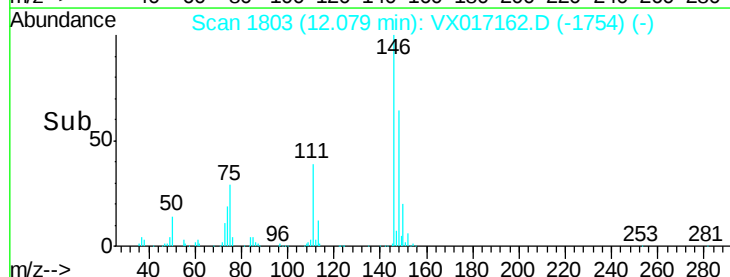
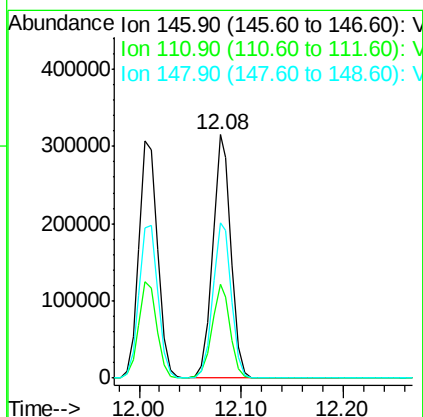
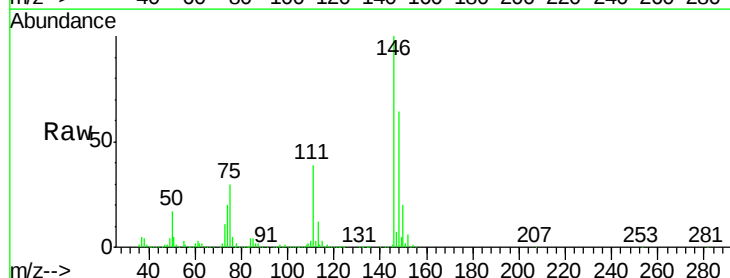
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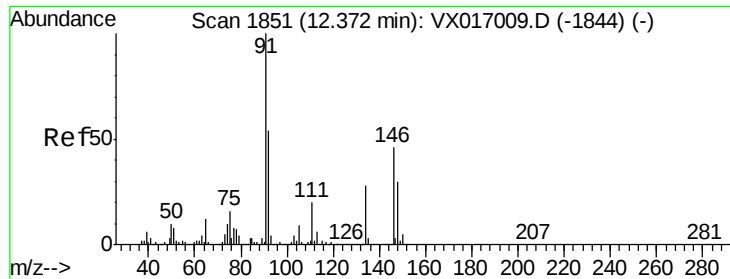
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#88
 1,4-Dichlorobenzene
 Concen: 51.142 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	64.8	31.9	95.7





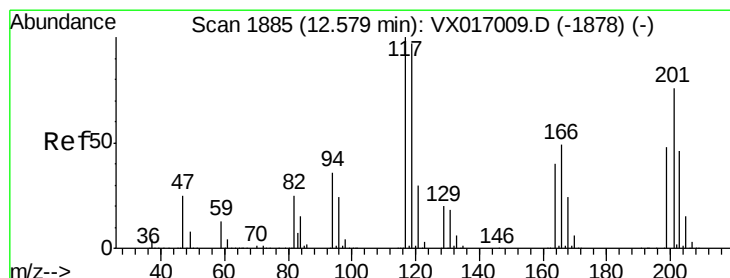
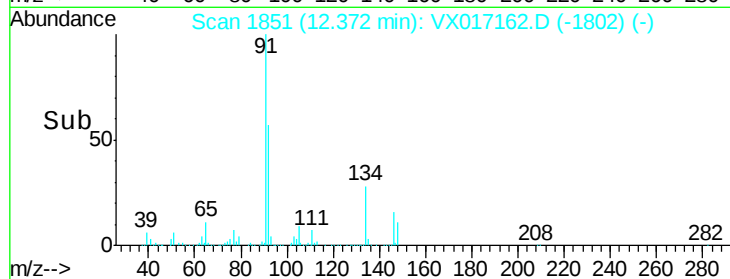
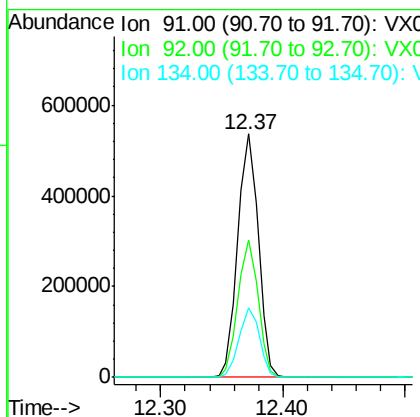
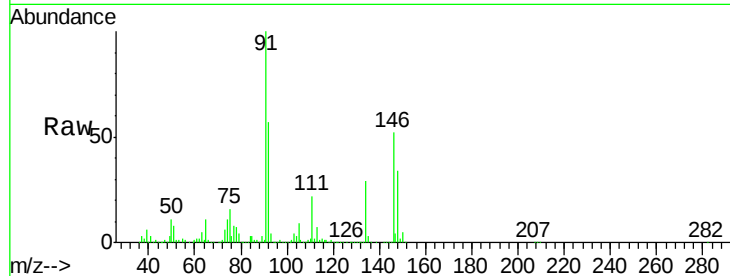
#89
n-Butylbenzene
Concen: 47.501 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.8	27.2	81.6
134	28.4	13.6	40.7

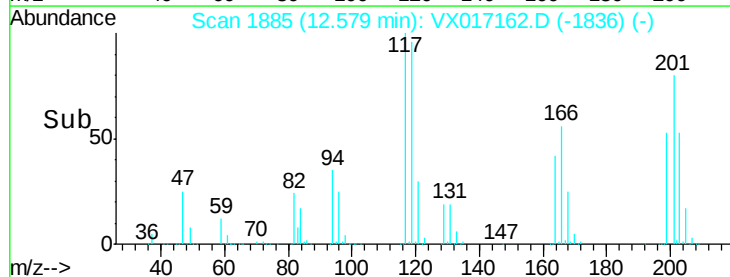
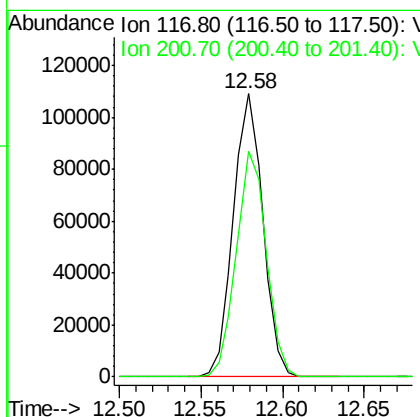
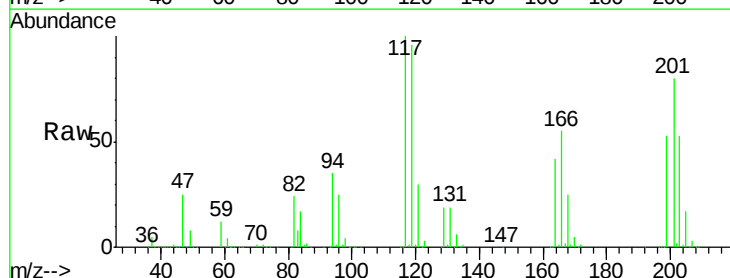
Manual Integrations
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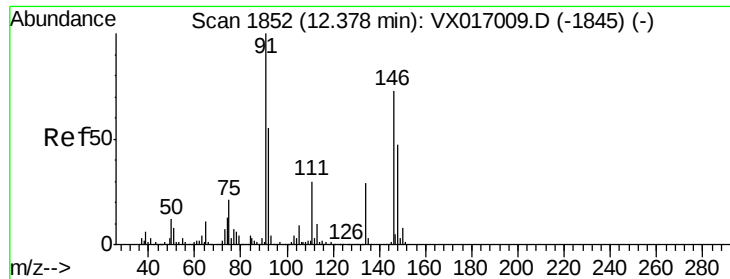
MMDadoda
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#90
Hexachloroethane
Concen: 47.792 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.3	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 47.146 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

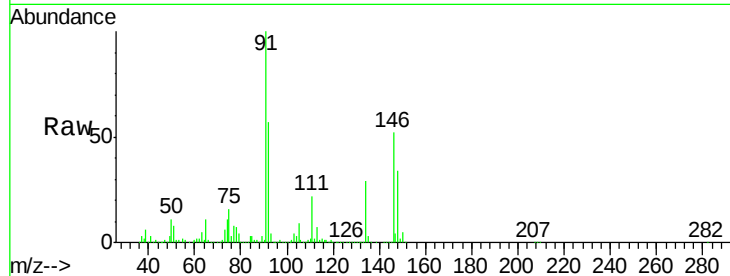
ClientSampleId :

VSTDCCC050

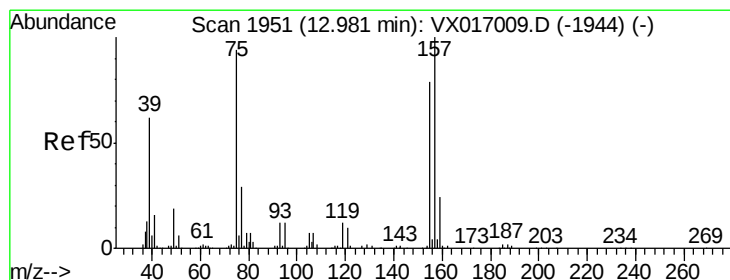
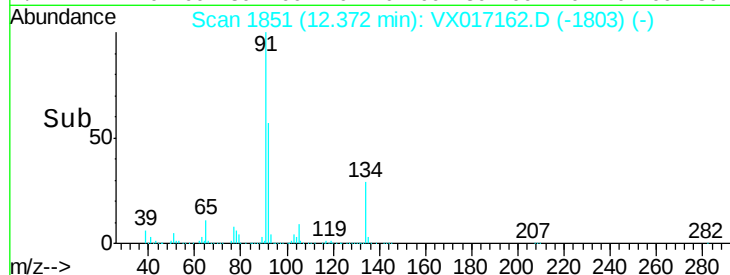
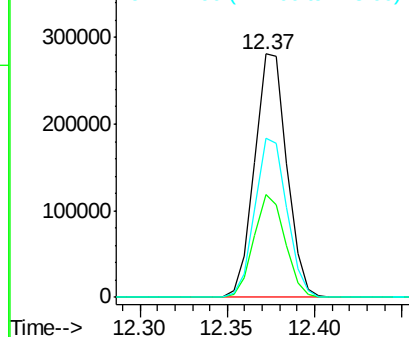
Tot Ion:	146	Resp:	361358
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.6	61.9
148	64.8	32.4	97.2

Manual Integrations
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7/7/2020 12:24:36 PM



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.103 ug/l

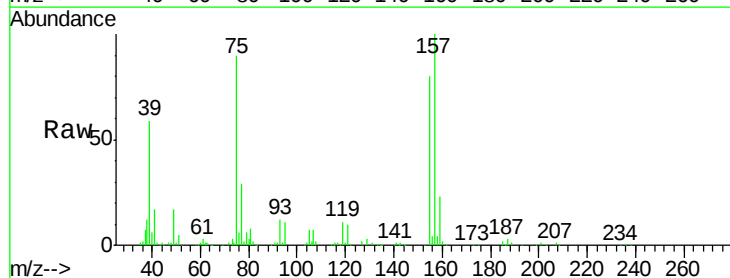
RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

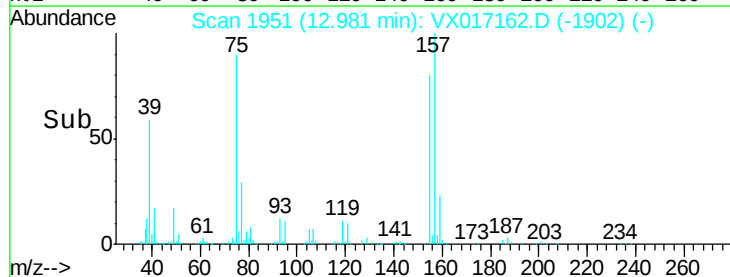
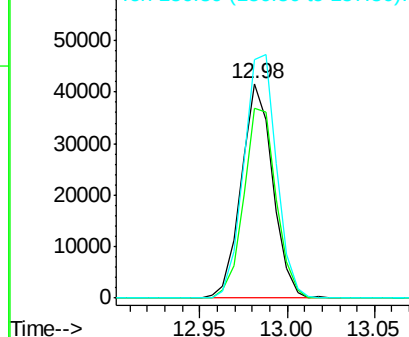
Lab File: VX017162.D

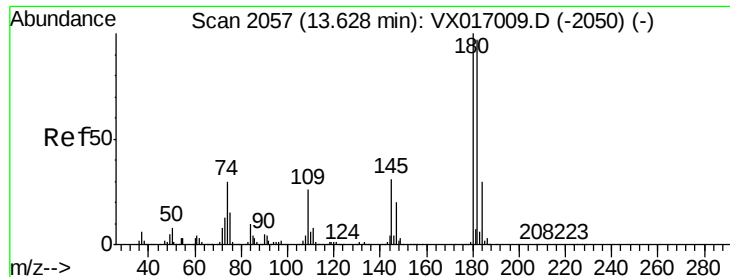
Acq: 06 Jul 2020 12:59

Tgt Ion:	75	Resp:	51899
Ion Ratio	Lower	Upper	
75	100		
155	91.4	45.1	135.2
157	118.6	56.5	169.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





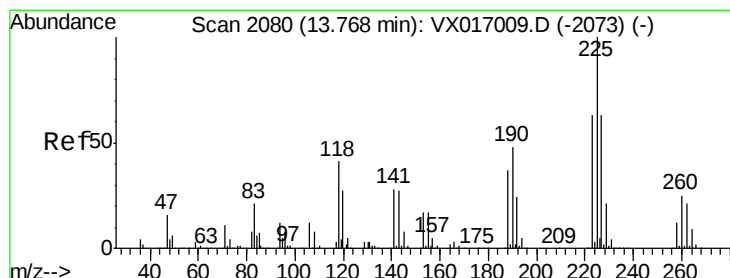
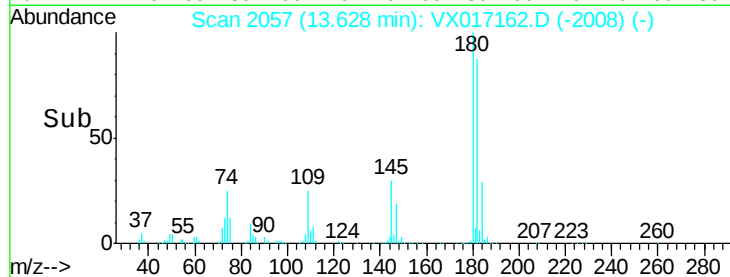
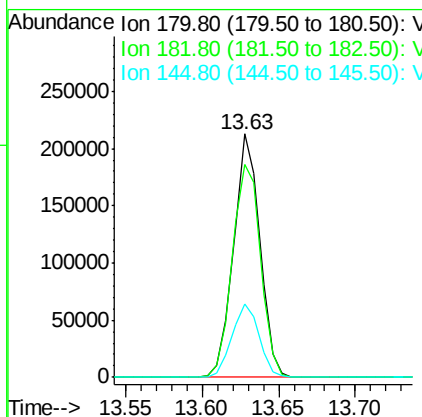
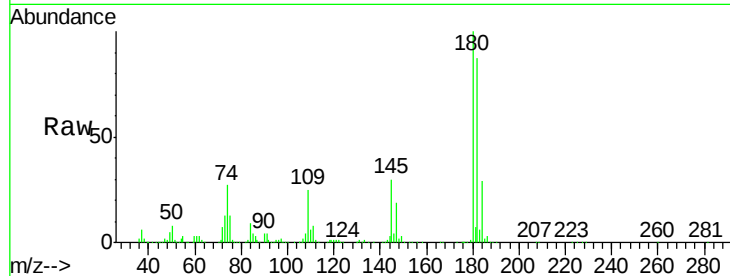
#93
 1,2,4-Trichlorobenzene
 Concen: 48.456 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	253494		
182	93.5	47.3	141.9	
145	31.0	15.4	46.2	

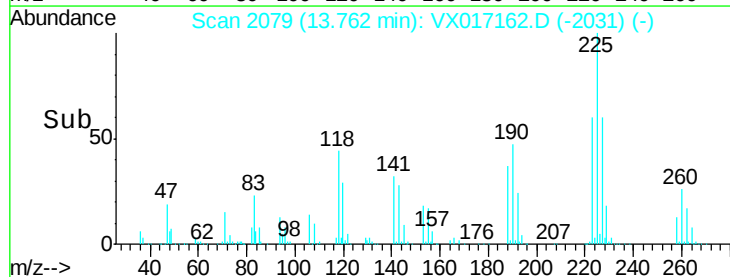
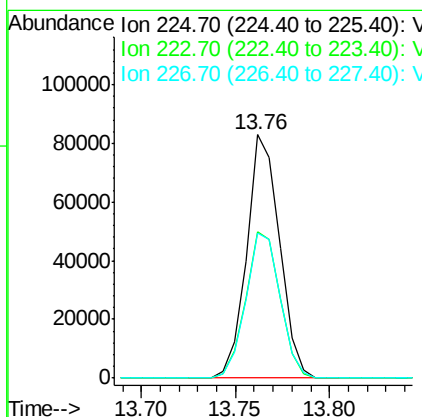
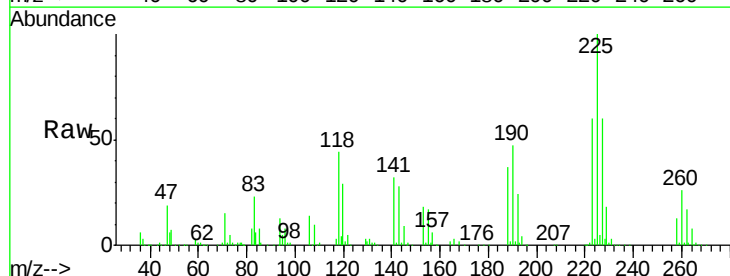
Manual Integrations
 APPROVED

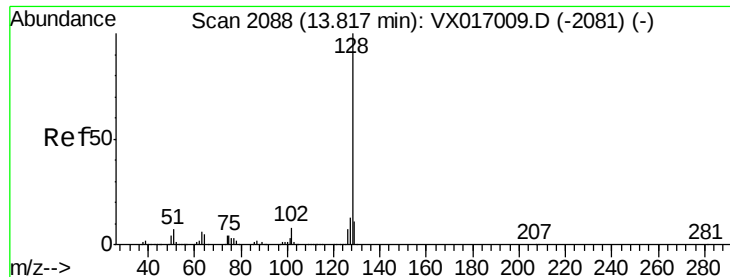
MMDadoda
 7/7/2020 12:24:36 PM



#94
 Hexachlorobutadiene
 Concen: 50.374 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100027		
223	62.7	32.5	97.5	
227	62.6	33.1	99.2	





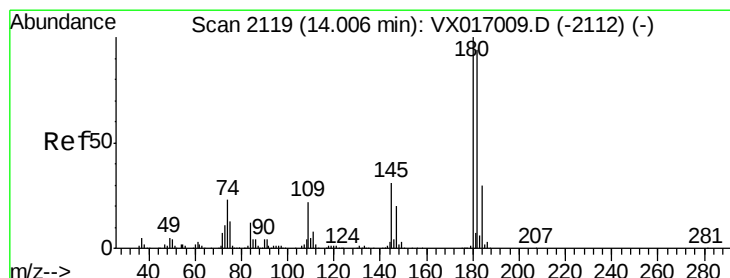
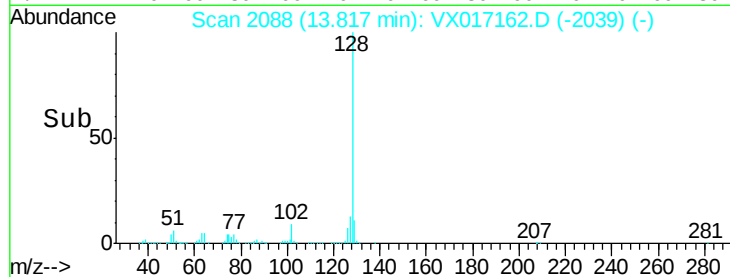
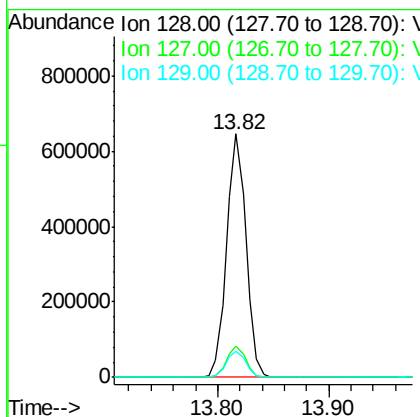
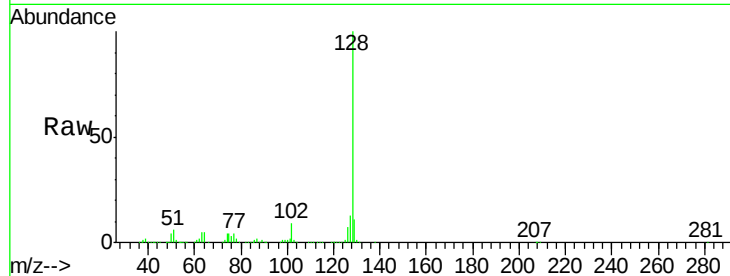
#95
Naphthalene
Concen: 48.849 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/7/2020 12:24:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.734 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.4
145	33.1	16.6	49.7

