

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070620\
 Data File : VX017189.D
 Acq On : 06 Jul 2020 23:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 12:24:48 PM

Quant Time: Jul 07 08:07:06 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	311220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	480117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	198171	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	5.46	113	161536	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	8.70	98	582938	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.12	95	238937	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	139106	46.201	ug/l	99
3) Chloromethane	1.31	50	145578	39.945	ug/l	99
4) Vinyl Chloride	1.39	62	147654	43.667	ug/l	99
5) Bromomethane	1.62	94	84776	47.454	ug/l	99
6) Chloroethane	1.71	64	92706	46.421	ug/l	99
7) Trichlorofluoromethane	1.92	101	249119	49.814	ug/l	96
8) Diethyl Ether	2.17	74	85579	50.853	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	142835	47.654	ug/l	95
10) Methyl Iodide	2.49	142	151255	39.108	ug/l	99
11) Tert butyl alcohol	3.01	59	180832	247.061	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142164	46.171	ug/l	98
13) Acrolein	2.27	56	55427	126.680	ug/l	99
14) Allyl chloride	2.71	41	253671	44.579	ug/l	97
15) Acrylonitrile	3.12	53	420538	239.005	ug/l	99
16) Acetone	2.42	43	349049	243.192	ug/l	98
17) Carbon Disulfide	2.55	76	396840	46.187	ug/l	100
18) Methyl Acetate	2.75	43	187426	50.023	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	518454	50.170	ug/l	100
20) Methylene Chloride	2.84	84	168850	51.315	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	164406	48.114	ug/l	98
22) Diisopropyl ether	3.82	45	504275	47.880	ug/l	99
23) Vinyl Acetate	3.79	43	2235474	247.008	ug/l	99
24) 1,1-Dichloroethane	3.67	63	285318	47.612	ug/l	100
25) 2-Butanone	4.64	43	571149	238.820	ug/l	99
26) 2,2-Dichloropropane	4.55	77	214275	40.270	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	181535	46.888	ug/l	98
28) Bromochloromethane	4.98	49	137333	47.094	ug/l	94
29) Tetrahydrofuran	5.09	42	370837	234.685	ug/l	99
30) Chloroform	5.18	83	300407	48.902	ug/l	96
31) Cyclohexane	5.55	56	237101	45.773	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	276109	48.804	ug/l	98
36) 1,1-Dichloropropene	5.77	75	215155	47.415	ug/l	98
37) Ethyl Acetate	4.79	43	222226	48.268	ug/l	99
38) Carbon Tetrachloride	5.75	117	254190	50.859	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	236497	46.843	ug/l	97
40) Benzene	6.12	78	638792	47.912	ug/l	99
41) Methacrylonitrile	5.01	41	128087	49.431	ug/l	98
42) 1,2-Dichloroethane	6.16	62	243119	50.484	ug/l	100
43) Isopropyl Acetate	6.42	43	369593	48.310	ug/l	99
44) Trichloroethene	7.19	130	187197	50.887	ug/l	99
45) 1,2-Dichloropropane	7.49	63	165511	48.334	ug/l	99
46) Dibromomethane	7.64	93	117356	50.198	ug/l	96
47) Bromodichloromethane	7.88	83	246074	51.075	ug/l	97
48) Methyl methacrylate	7.74	41	183506	50.487	ug/l	97
49) 1,4-Dioxane	7.71	88	82301	999.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1144031	250.860	ug/l	100
52) Toluene	8.77	92	413058	49.622	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	264077	49.678	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	276240	48.476	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	172622	50.757	ug/l	98
56) Ethyl methacrylate	9.16	69	253716	52.413	ug/l	99
57) 1,3-Dichloropropane	9.35	76	280728	48.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	641412	266.238	ug/l	99
59) 2-Hexanone	9.48	43	864422	259.536	ug/l	99
60) Dibromochloromethane	9.57	129	206695	52.327	ug/l	99
61) 1,2-Dibromoethane	9.65	107	185501	50.743	ug/l	99
64) Tetrachloroethene	9.32	164	180554	47.826	ug/l	96
65) Chlorobenzene	10.12	112	454655	47.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	185936	49.973	ug/l	99
67) Ethyl Benzene	10.23	91	789929	48.993	ug/l	100
68) m/p-Xylenes	10.34	106	613228	99.055	ug/l	97
69) o-Xylene	10.68	106	294131	49.943	ug/l	100
70) Styrene	10.70	104	518152	51.666	ug/l	99
71) Bromoform	10.84	173	163208	55.315	ug/l	100
73) Isopropylbenzene	11.00	105	799525	47.853	ug/l	100
74) N-amyl acetate	10.88	43	341242	47.866	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	243560	46.343	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	236159m	47.082	ug/l	
77) Bromobenzene	11.24	156	218510	47.586	ug/l	97
78) n-propylbenzene	11.34	91	902865	47.787	ug/l	99
79) 2-Chlorotoluene	11.40	91	550088	48.107	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	683512	49.320	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	86310	44.560	ug/l	97
82) 4-Chlorotoluene	11.49	91	653187	47.784	ug/l	98
83) tert-Butylbenzene	11.76	119	674686	49.593	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	701521	49.896	ug/l	100
85) sec-Butylbenzene	11.93	105	774874	48.455	ug/l	100
86) p-Isopropyltoluene	12.05	119	718560	48.268	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391310	46.920	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	393536	50.037	ug/l	99
89) n-Butylbenzene	12.37	91	596382	44.866	ug/l	99
90) Hexachloroethane	12.58	117	136553	46.514	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	371315	47.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56558	45.111	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	247367	46.490	ug/l	98
94) Hexachlorobutadiene	13.77	225	90345	44.828	ug/l	98
95) Naphthalene	13.82	128	810695	50.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	252559	49.047	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: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 311220

Ion Ratio Lower Upper

168 100

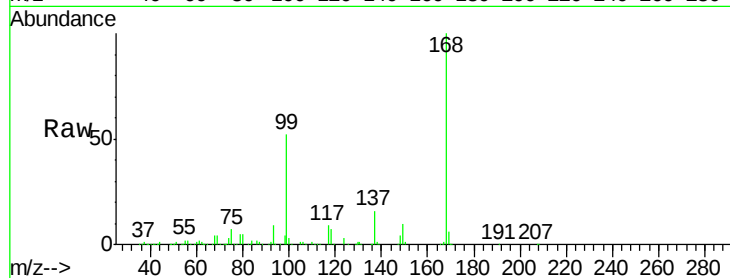
99 52.1 42.6 64.0

Manual Integrations

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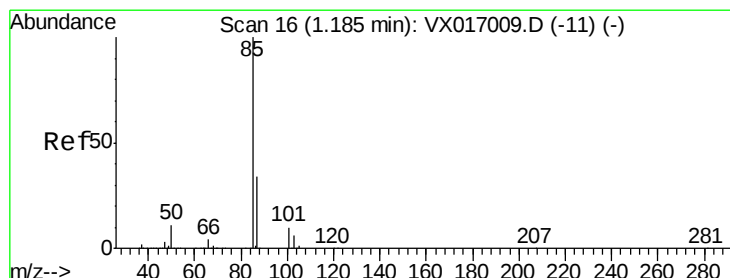
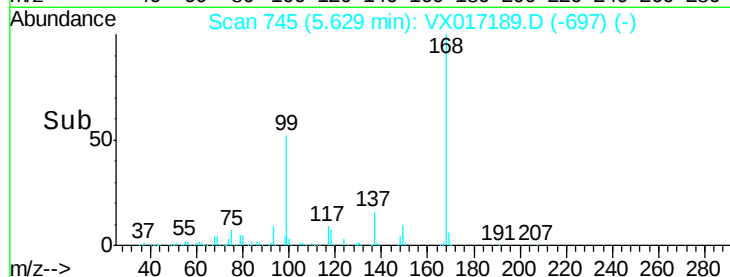
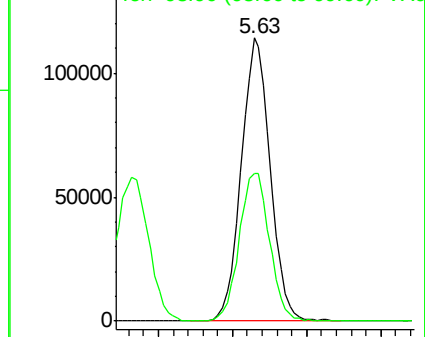
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.201 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017189.D

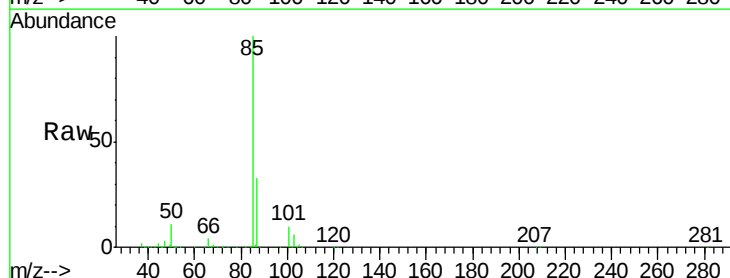
Acq: 06 Jul 2020 23:14

Tgt Ion: 85 Resp: 139106

Ion Ratio Lower Upper

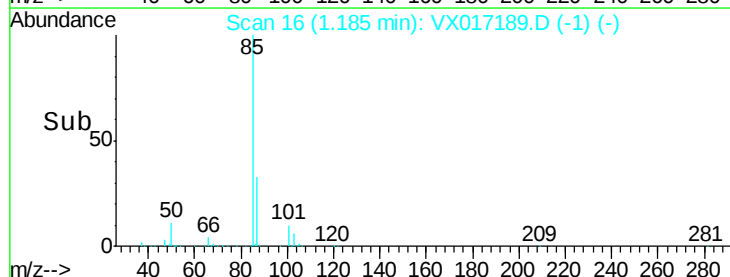
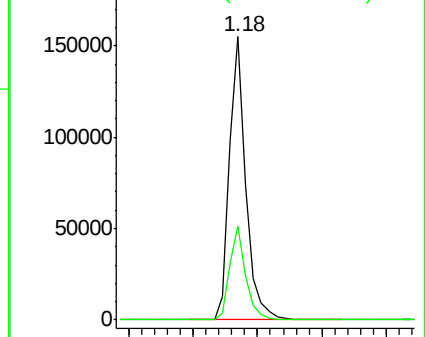
85 100

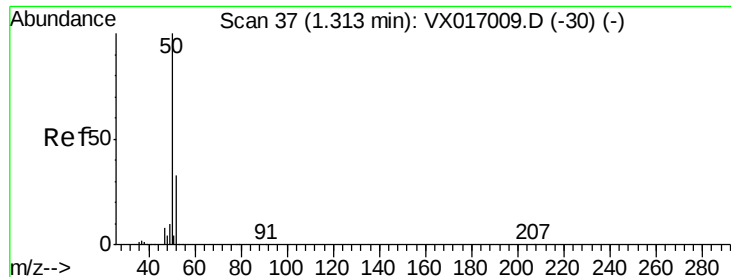
87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.945 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 145578

Ion Ratio Lower Upper

50 100

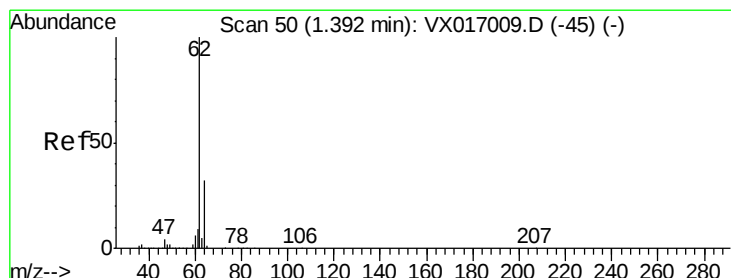
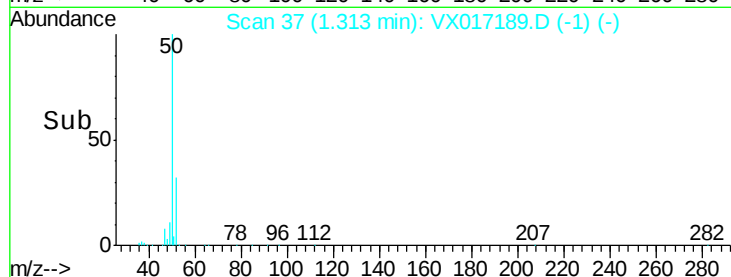
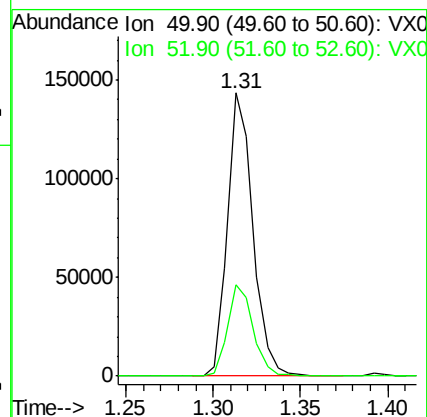
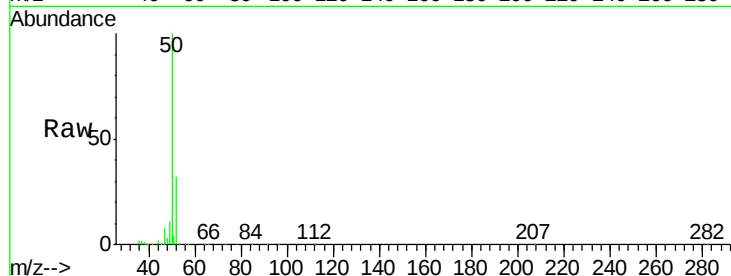
52 32.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.667 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017189.D

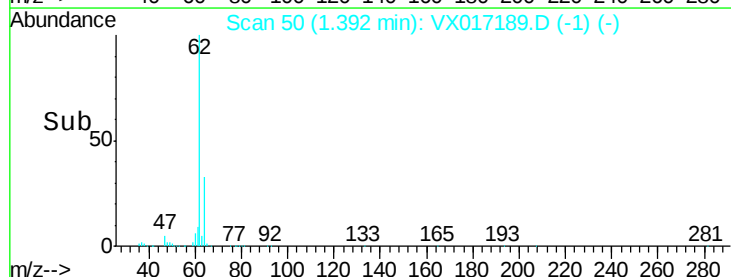
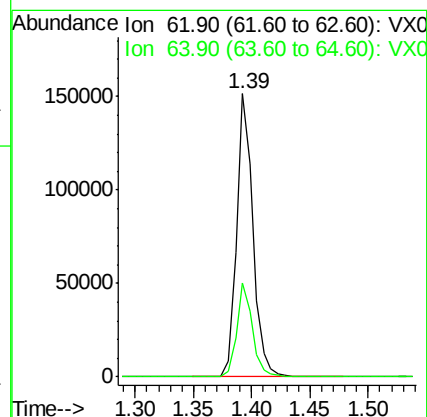
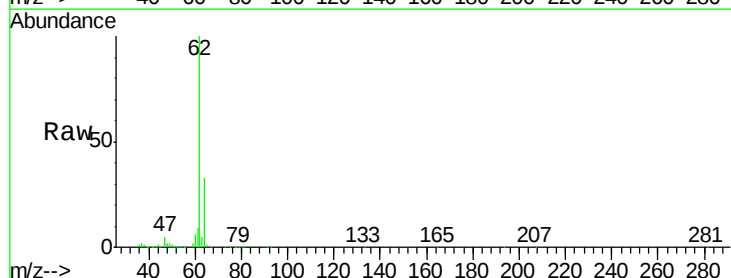
Acq: 06 Jul 2020 23:14

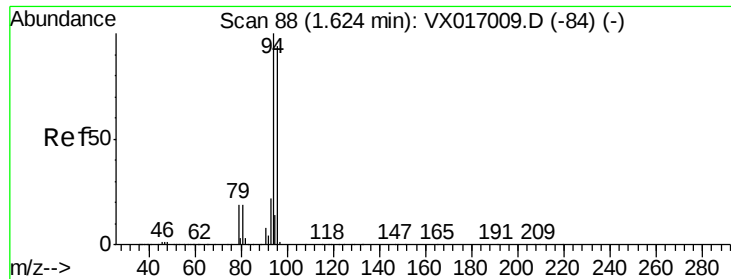
Tgt Ion: 62 Resp: 147654

Ion Ratio Lower Upper

62 100

64 33.1 25.9 38.9





#5

Bromomethane

Concen: 47.454 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 84776

Ion Ratio Lower Upper

94 100

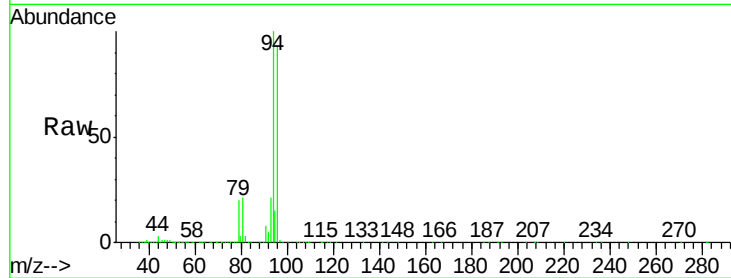
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Manual Integrations

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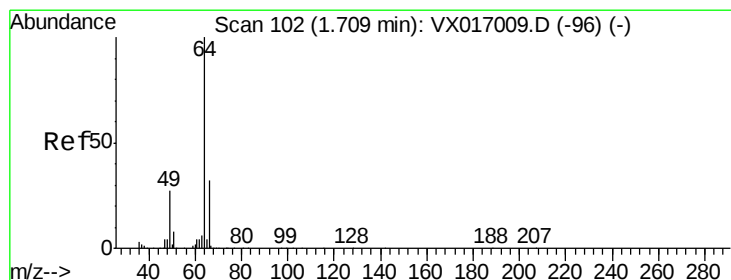
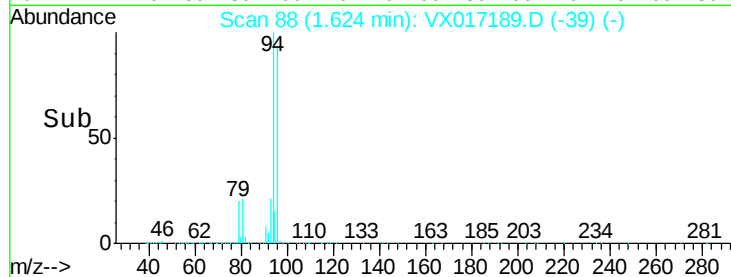
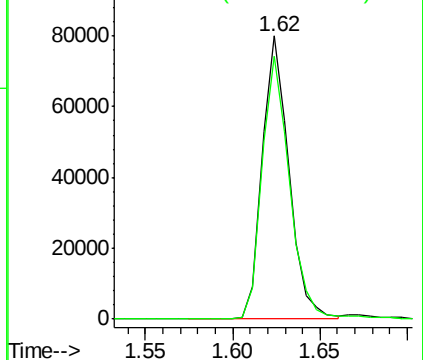
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.421 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017189.D

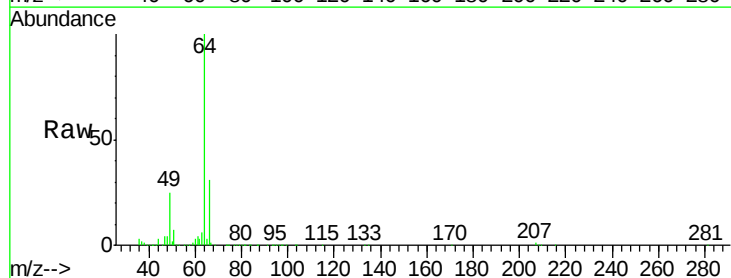
Acq: 06 Jul 2020 23:14

Tgt Ion: 64 Resp: 92706

Ion Ratio Lower Upper

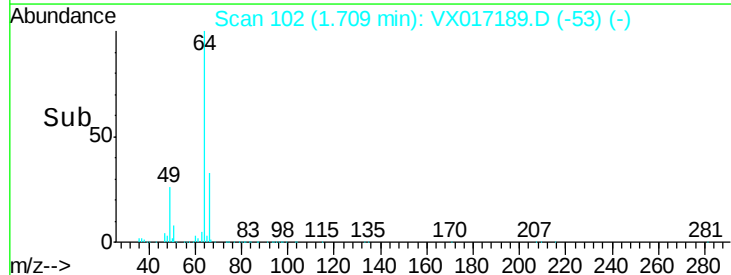
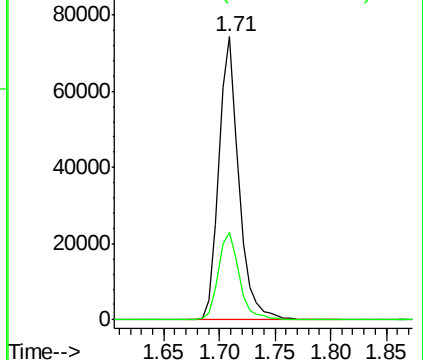
64 100

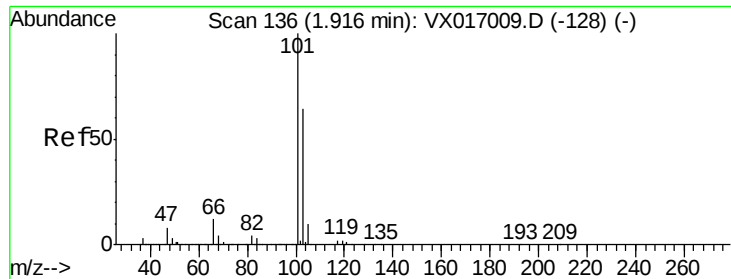
66 31.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

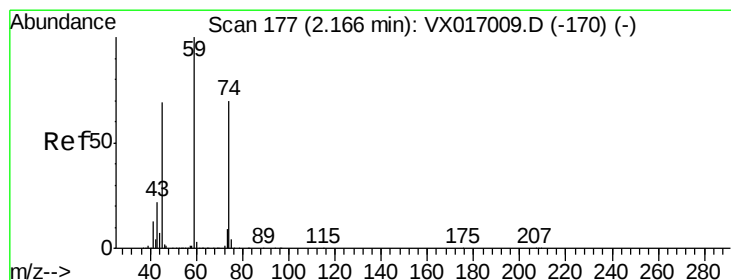
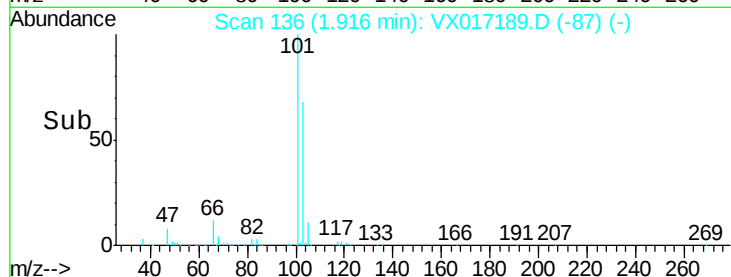
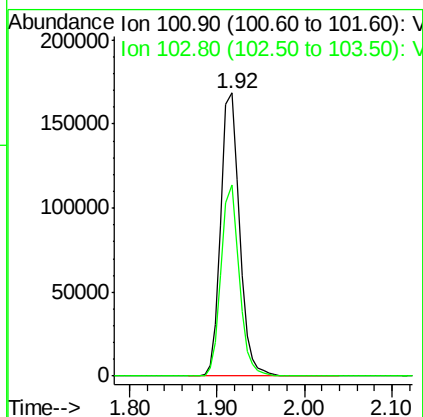
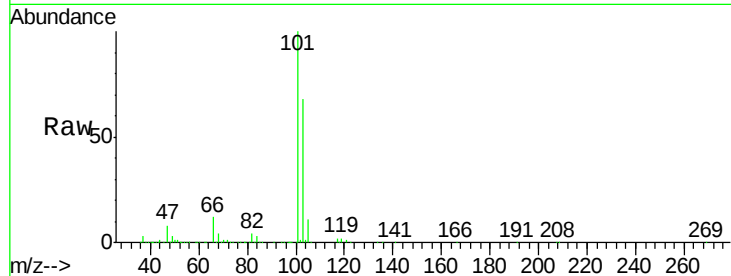
Trichlorofluoromethane
Concen: 49.814 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	51.5	77.3

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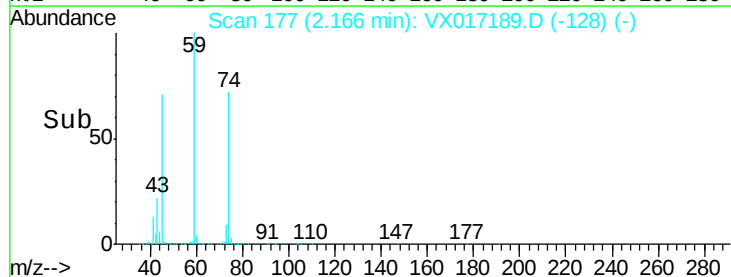
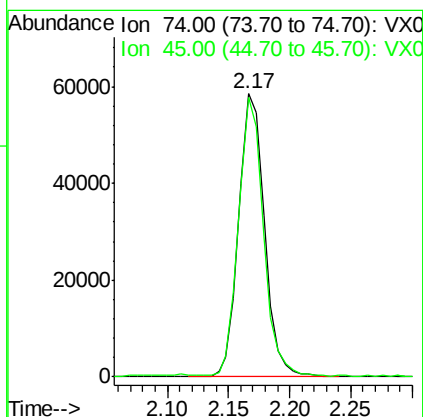
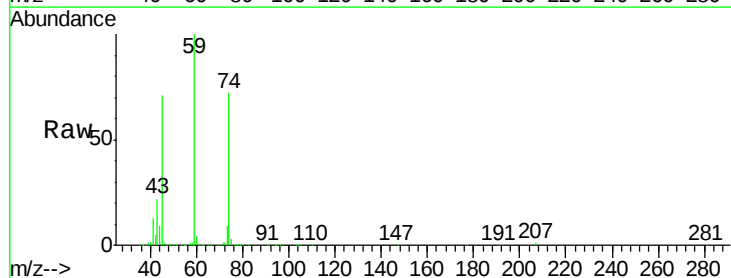
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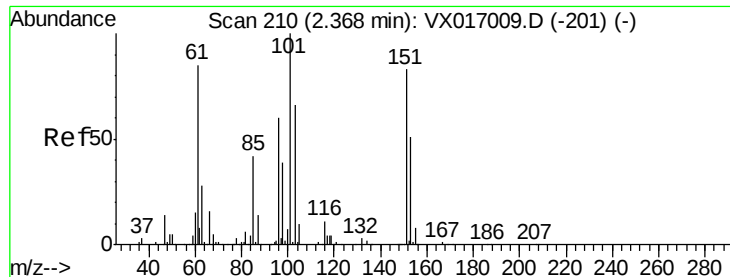


#8

Diethyl Ether
Concen: 50.853 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.654 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

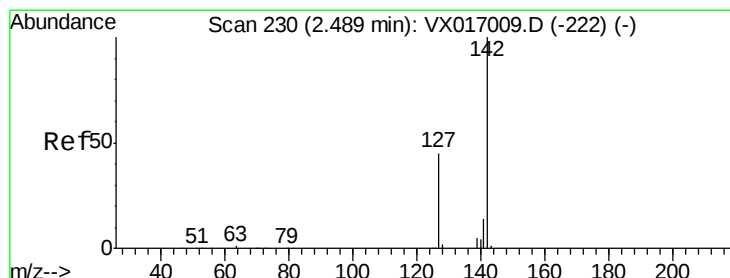
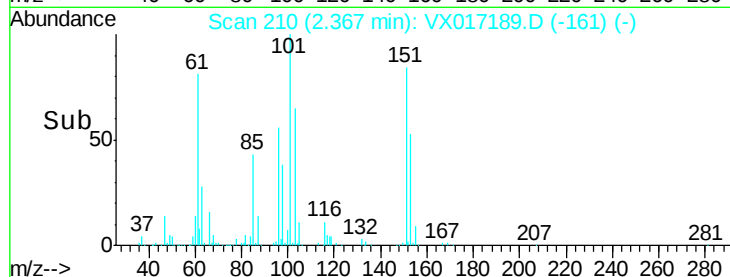
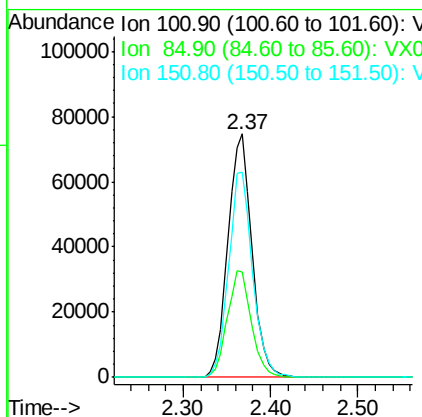
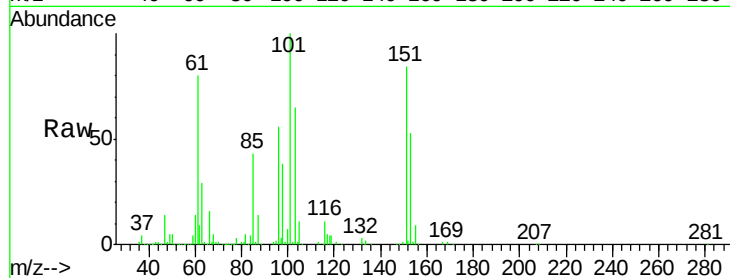
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	142835
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.5	50.3
151	84.3	63.8	95.6

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#10

Methyl Iodide

Concen: 39.108 ug/l

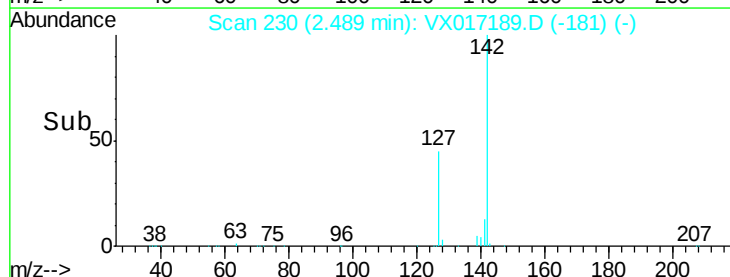
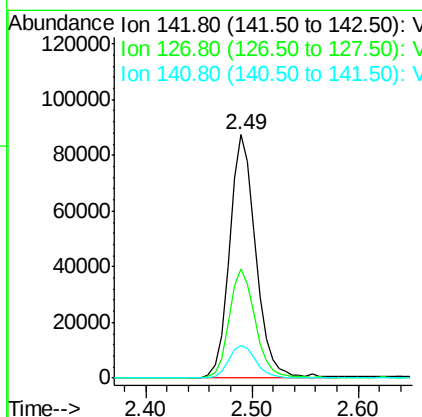
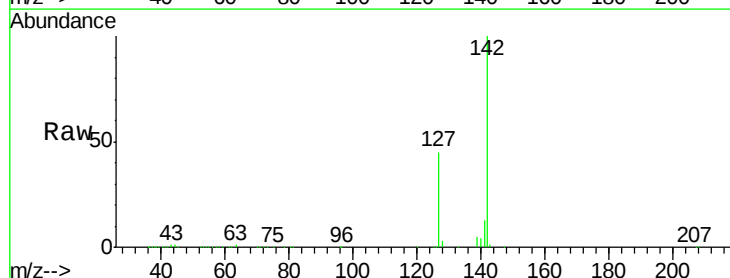
RT: 2.49 min Scan# 230

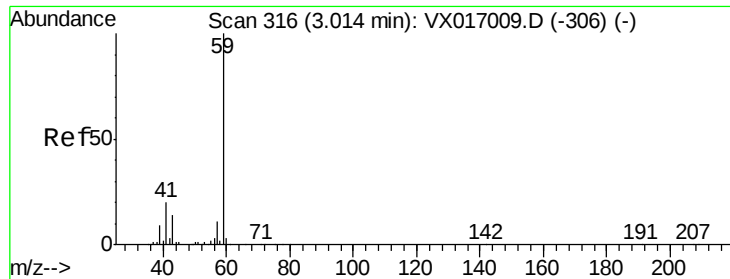
Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion:	142	Resp:	151255
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.6	54.8
141	14.2	11.6	17.4





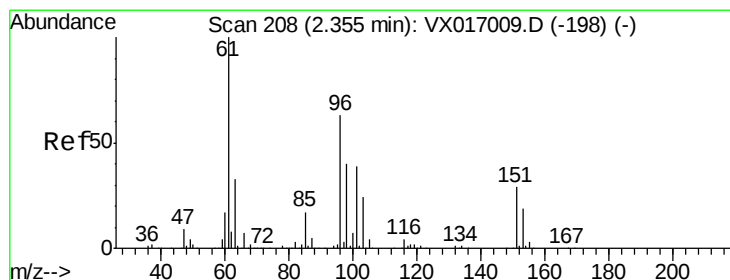
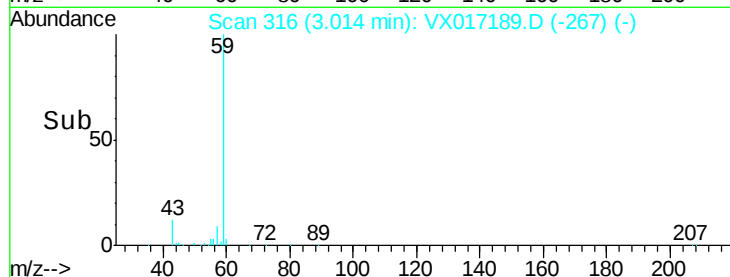
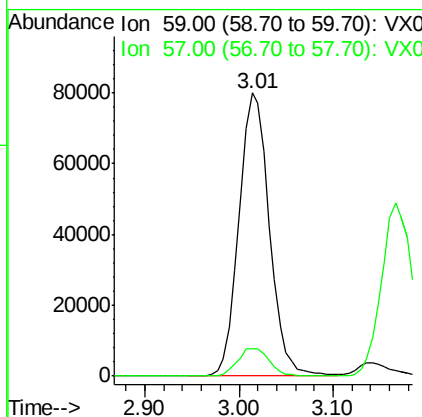
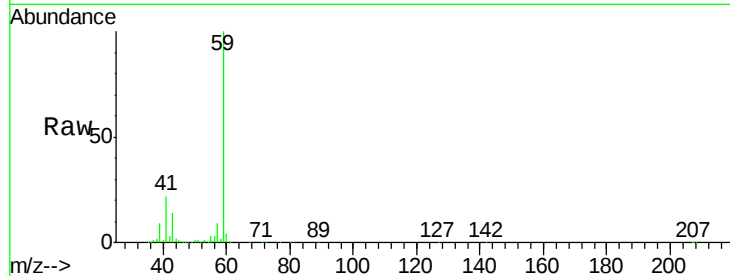
#11
Tert butyl alcohol
Concen: 247.061 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	180832
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.2

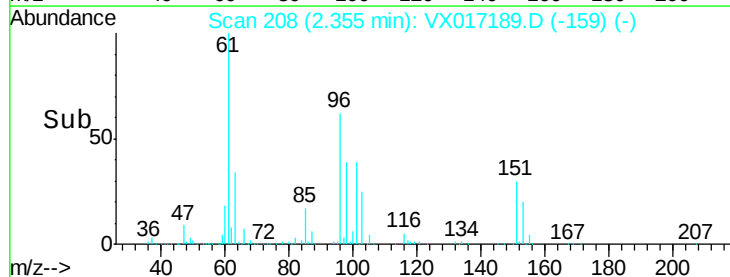
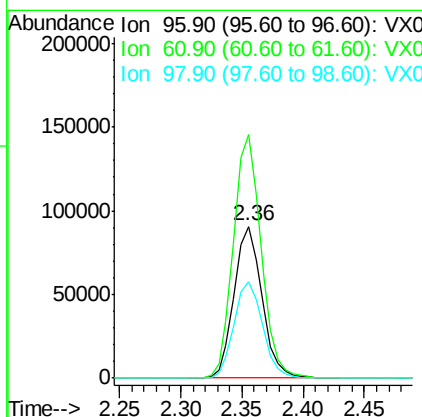
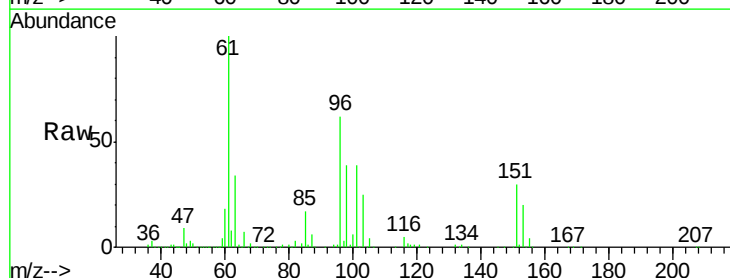
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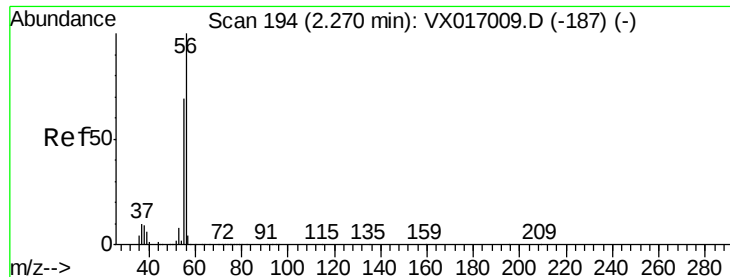
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.171 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	96	Resp	142164
Ion Ratio	100	Lower	Upper
61	160.4	126.3	189.5
98	63.2	51.0	76.6





#13

Acrolein

Concen: 126.680 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 55427

Ion Ratio Lower Upper

56 100

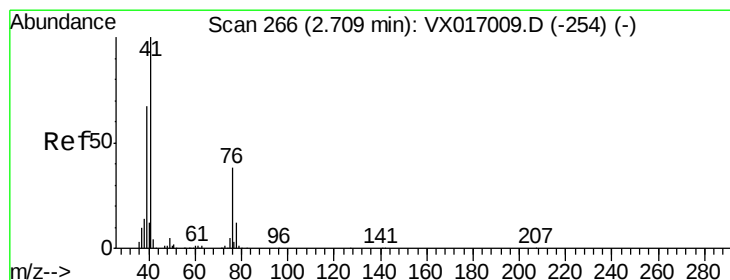
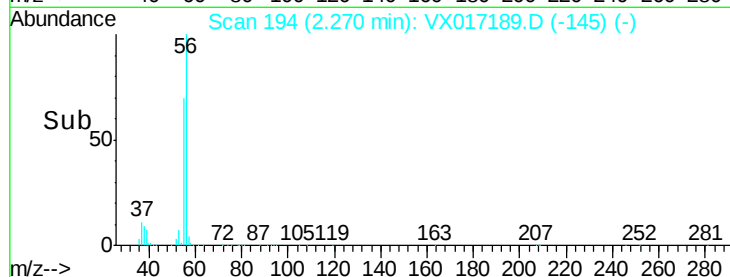
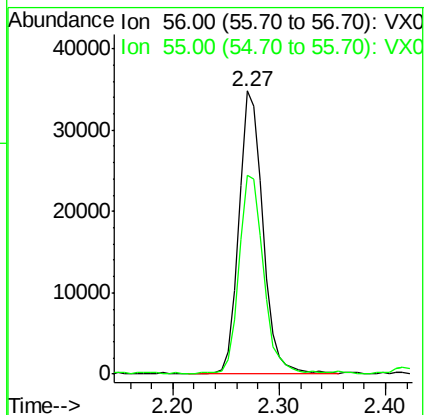
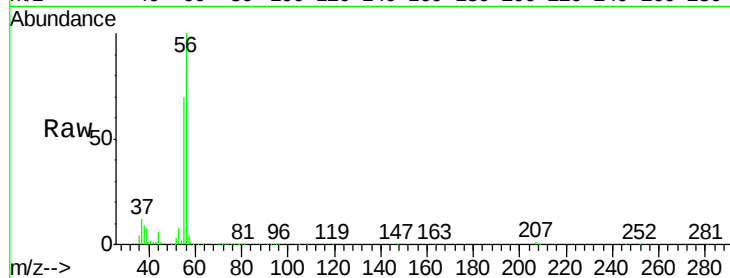
55 70.7 55.7 83.5

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#14

Allyl chloride

Concen: 44.579 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

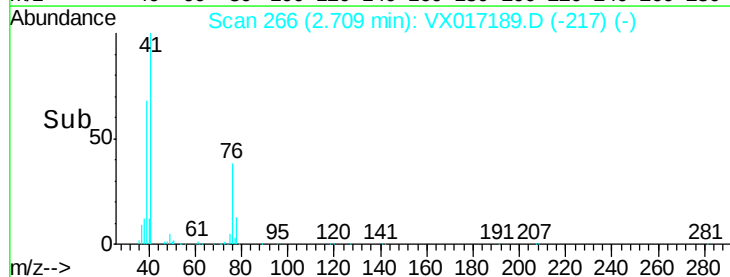
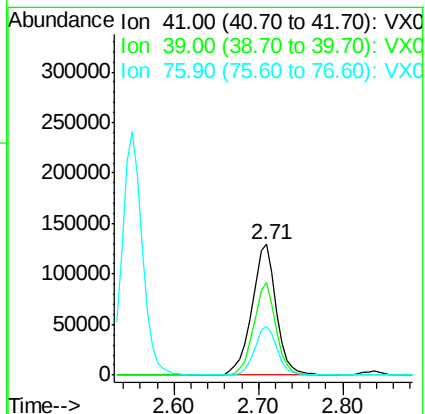
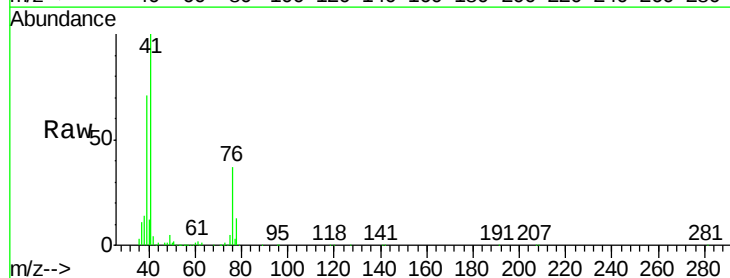
Tgt Ion: 41 Resp: 253671

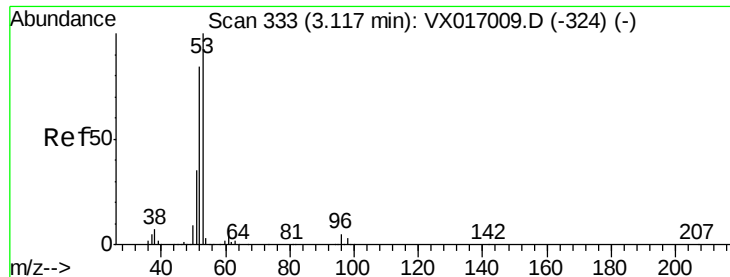
Ion Ratio Lower Upper

41 100

39 64.4 49.4 74.2

76 34.2 26.8 40.2





#15

Acrylonitrile

Concen: 239.005 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

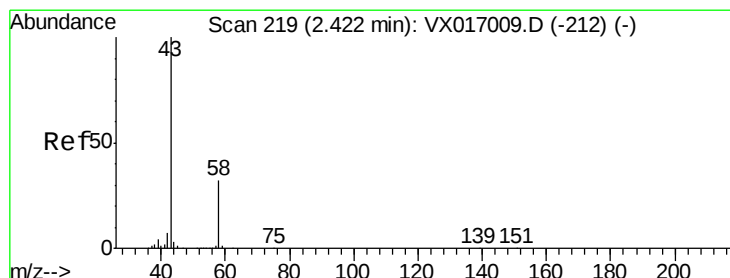
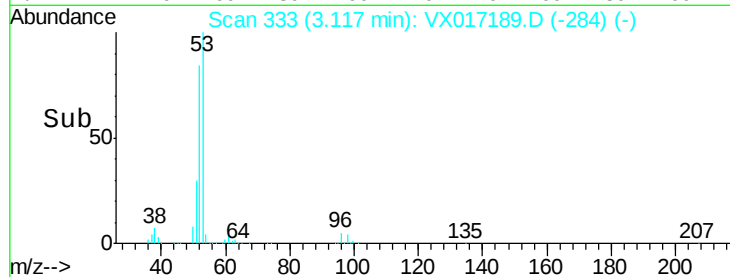
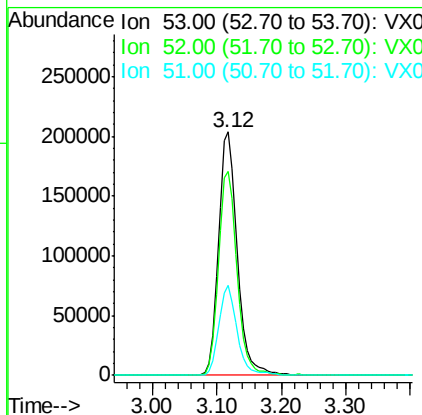
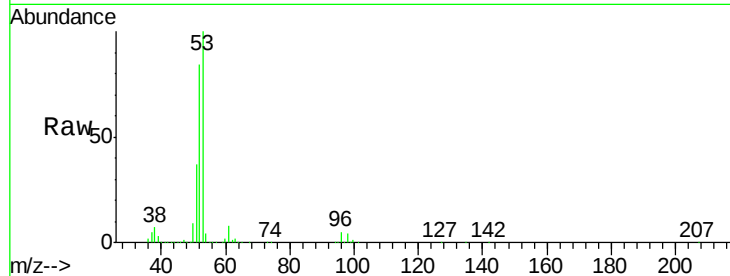
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	420538
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.6	98.4
51	36.2	28.3	42.5

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#16

Acetone

Concen: 243.192 ug/l

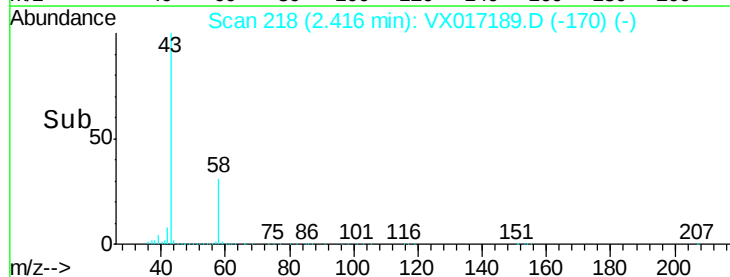
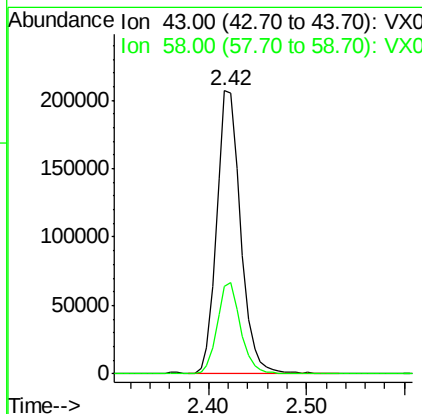
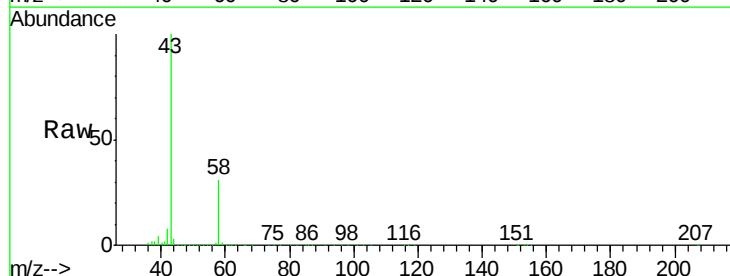
RT: 2.42 min Scan# 218

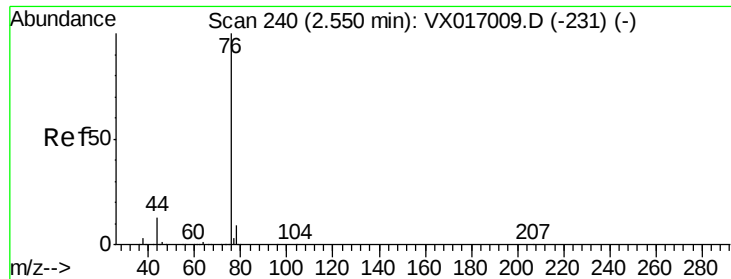
Delta R.T. -0.01 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion:	43	Resp:	349049
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.7	38.5





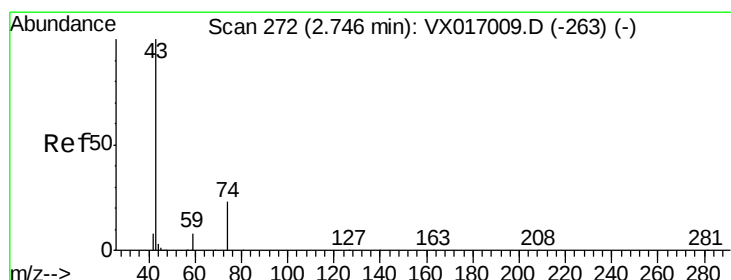
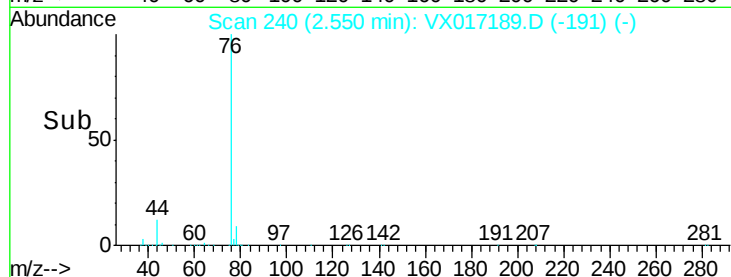
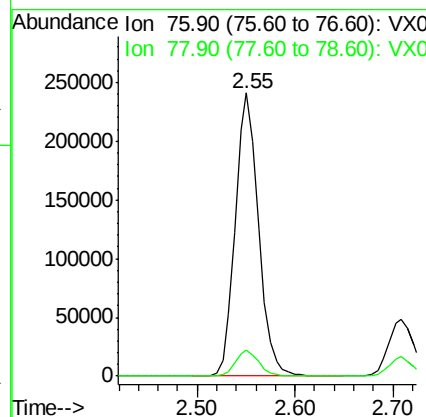
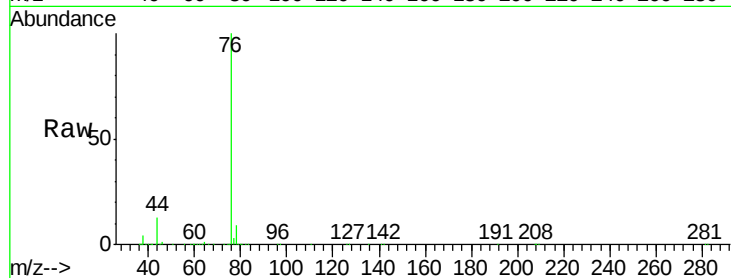
#17
Carbon Disulfide
Concen: 46.187 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

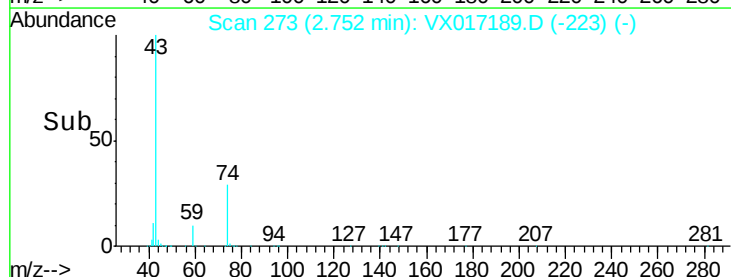
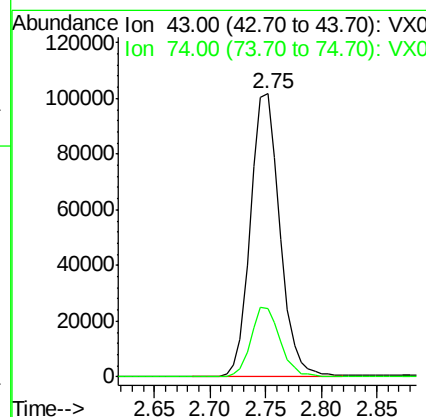
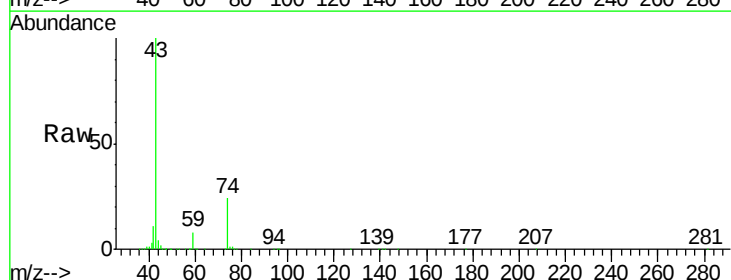
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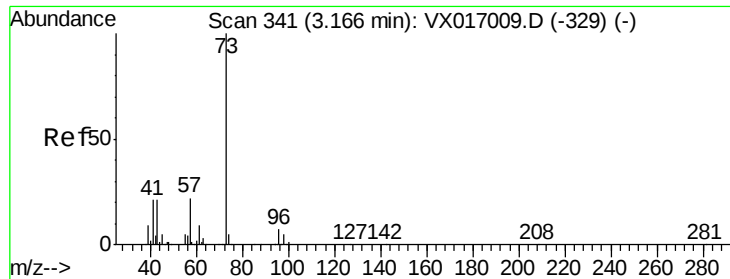
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#18
Methyl Acetate
Concen: 50.023 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.3	28.9





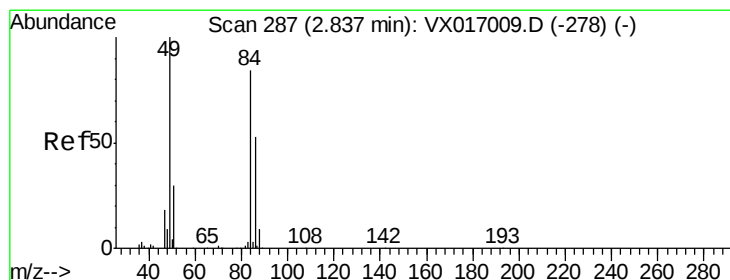
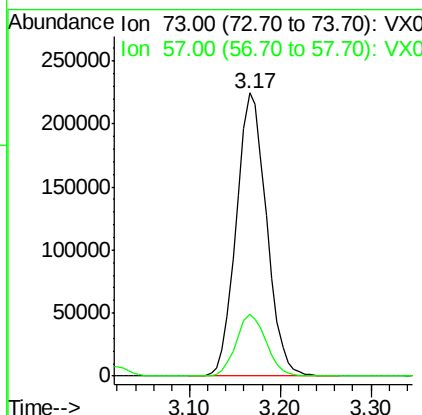
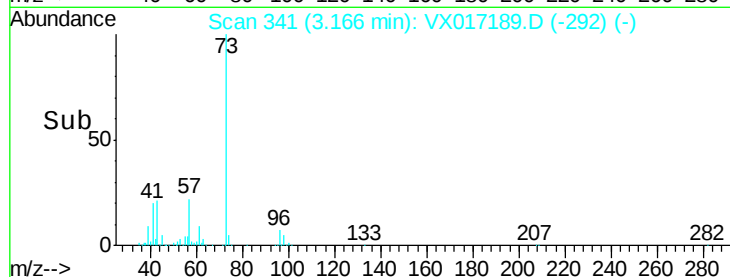
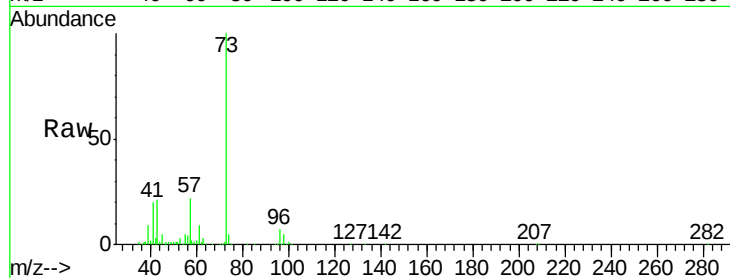
#19
Methvl tert-butvl Ether
Concen: 50.170 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 518454
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

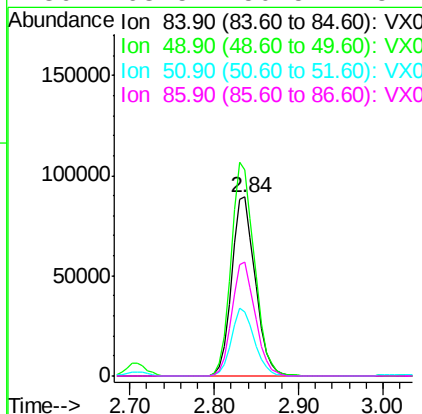
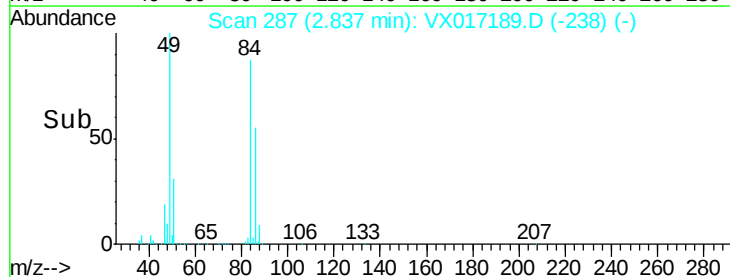
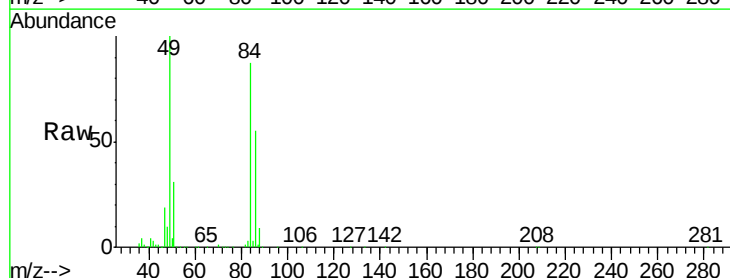
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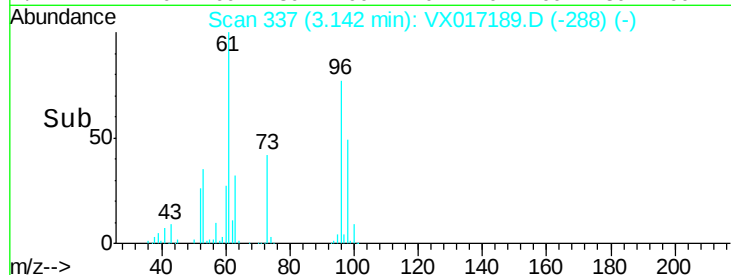
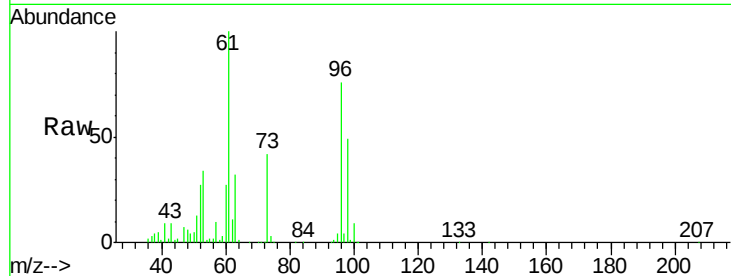
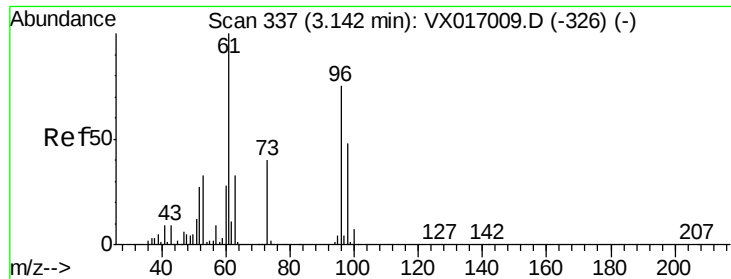
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#20
Methylene Chloride
Concen: 51.315 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 84 Resp: 168850
Ion Ratio Lower Upper
84 100
49 115.3 94.7 142.1
51 36.0 28.6 42.8
86 63.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 48.114 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017189.D

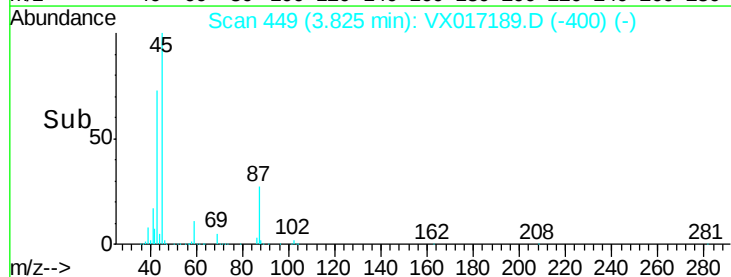
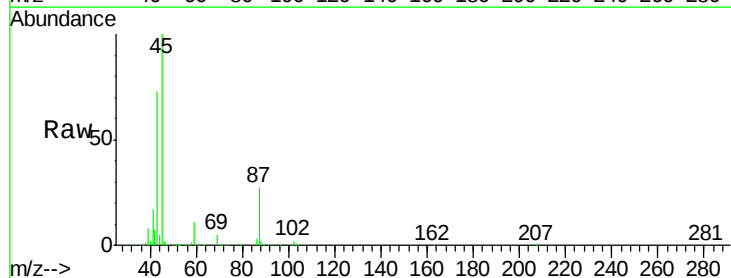
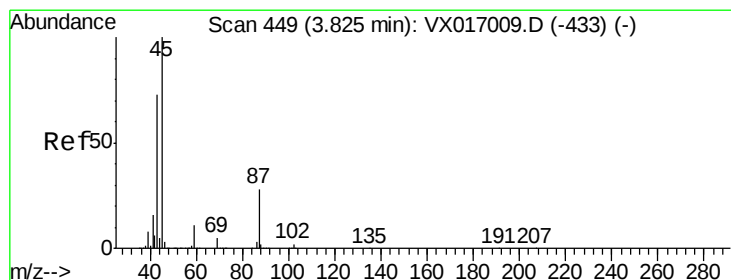
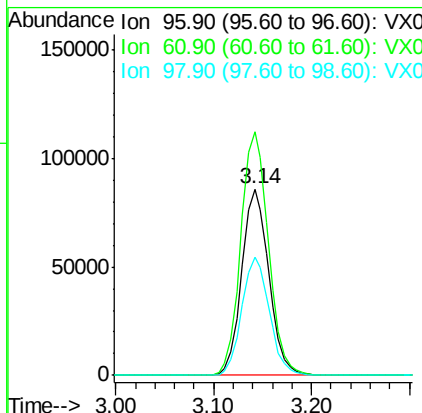
Acq: 06 Jul 2020 23:14

Tot Ion:	96	Resp:	164406
Ion	Ratio	Lower	Upper
96	100		
61	130.8	107.0	160.6
98	63.5	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 47.880 ug/l

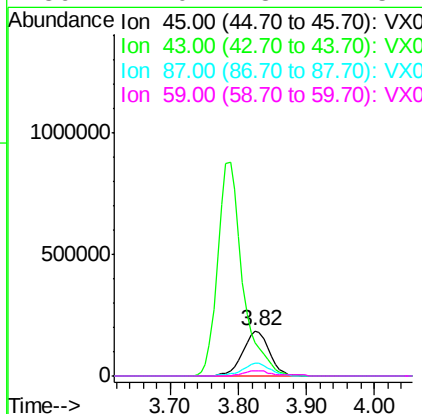
RT: 3.82 min Scan# 449

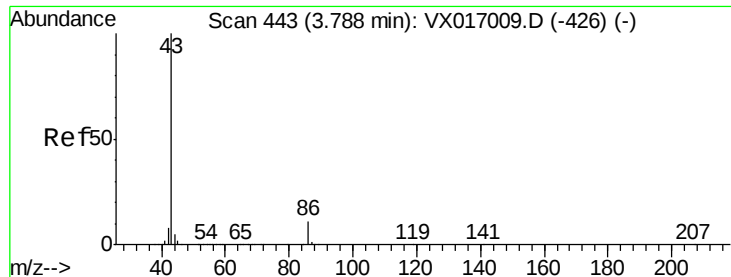
Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion:	45	Resp:	504275
Ion	Ratio	Lower	Upper
45	100		
43	73.4	58.6	88.0
87	27.3	22.6	34.0
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 247.008 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2235474

Ion Ratio Lower Upper

43 100

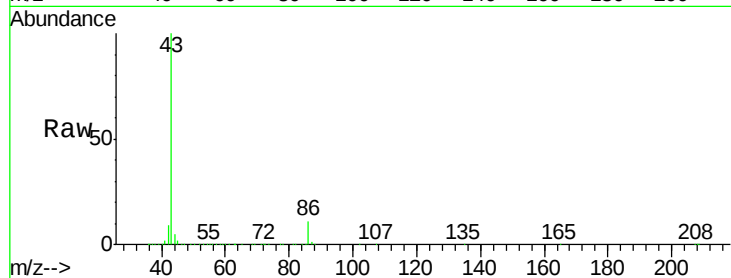
86 11.3 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

600000

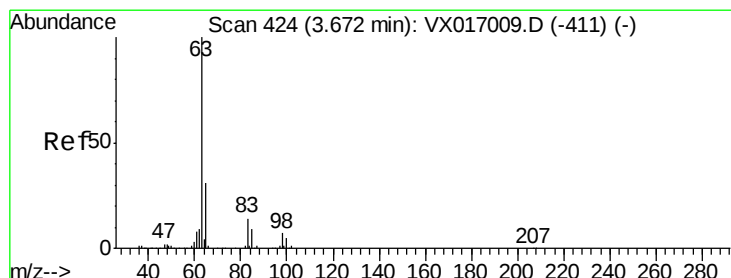
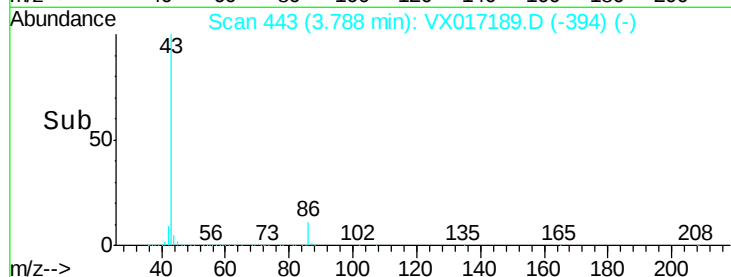
400000

200000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.612 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

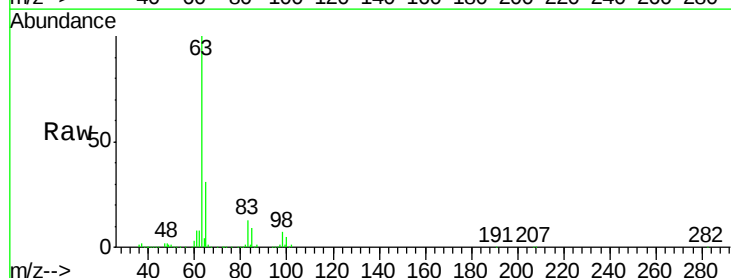
Tgt Ion: 63 Resp: 285318

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.9 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

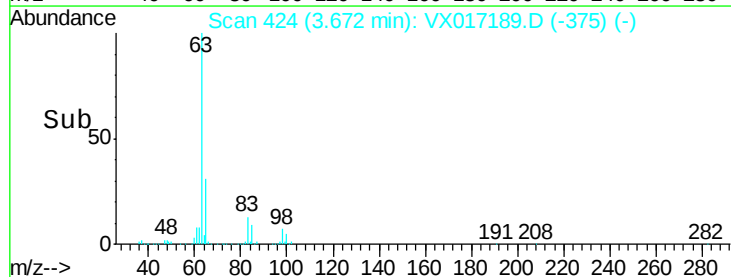
100000

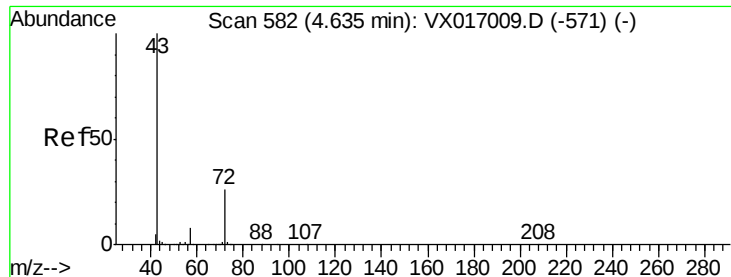
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 238.820 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tot Ion: 43 Resp: 571149

Ion Ratio Lower Upper

43 100

72 25.7 20.8 31.2

Instrument :

MSVOA_X

ClientSampleId :

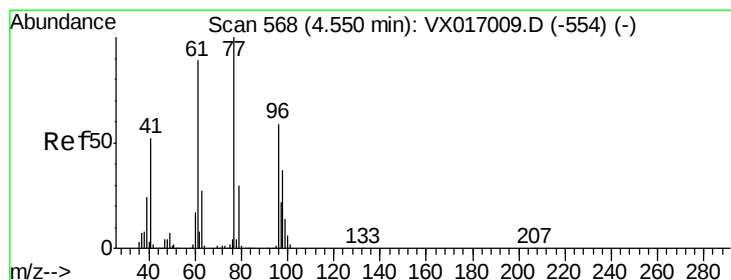
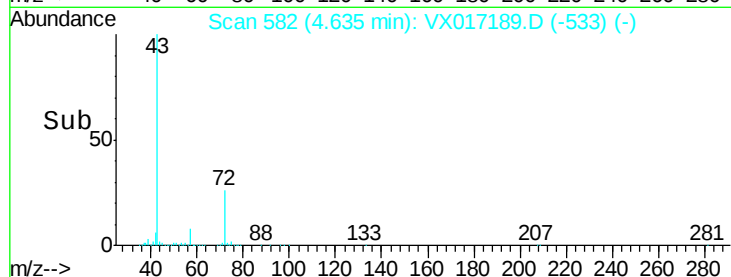
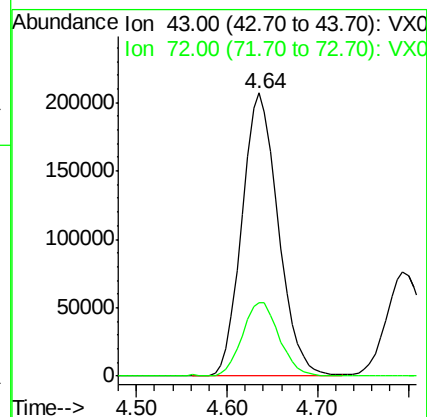
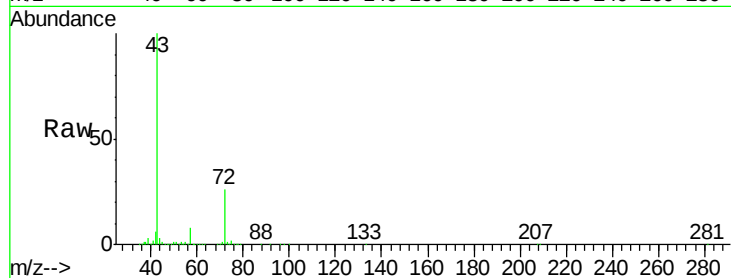
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.270 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017189.D

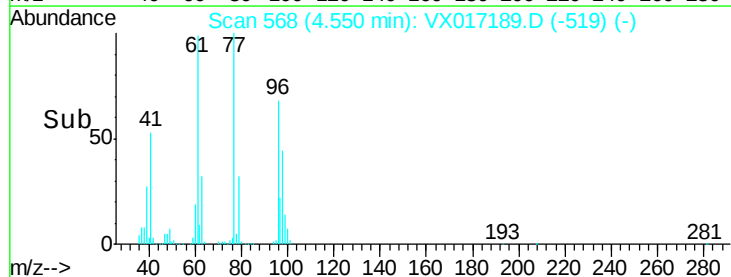
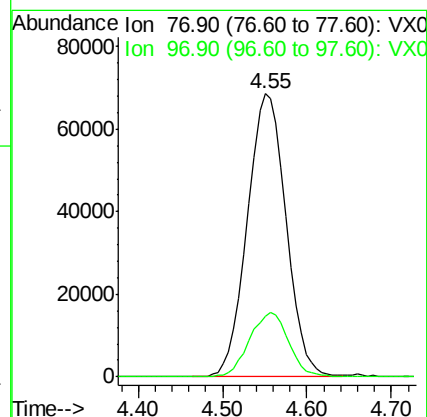
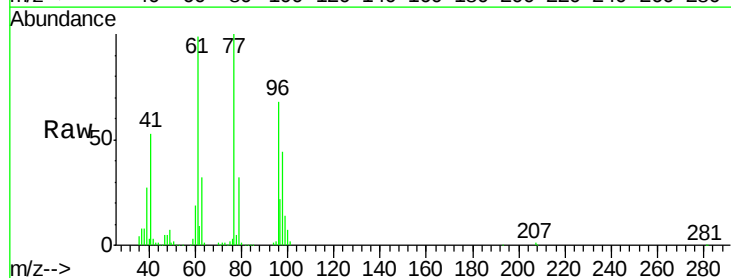
Acq: 06 Jul 2020 23:14

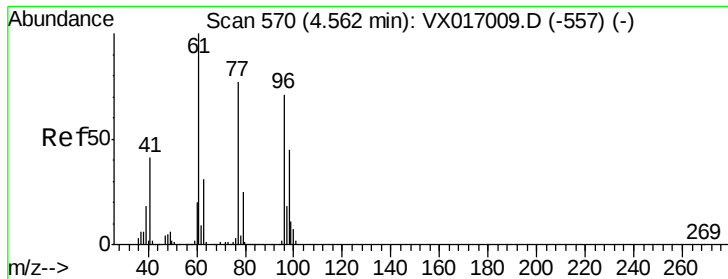
Tgt Ion: 77 Resp: 214275

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

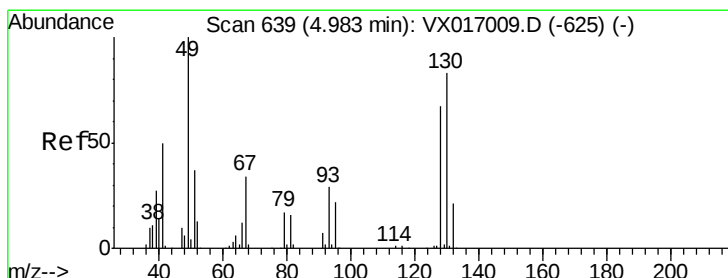
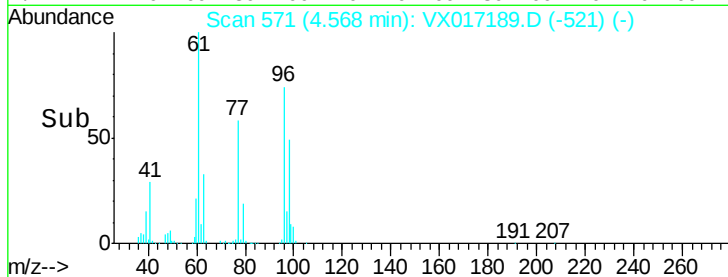
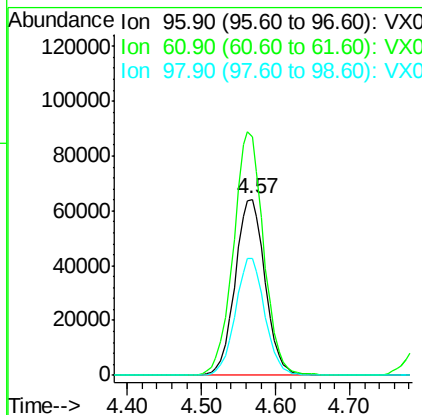
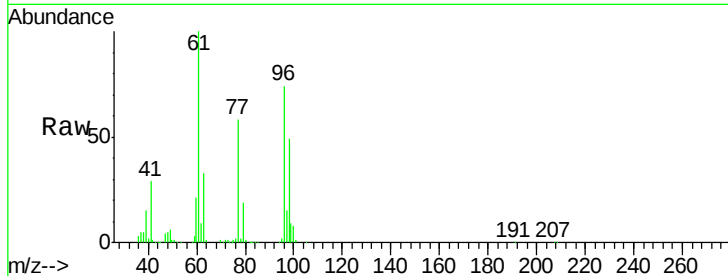
cis-1,2-Dichloroethene
Concen: 46.888 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	181535		
61	139.0	0.0	282.8	
98	65.3	0.0	127.6	

Manual Integrations
APPROVED

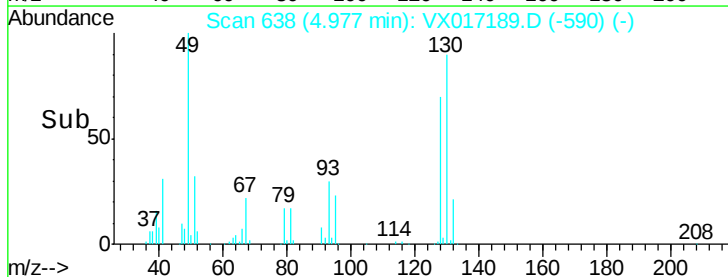
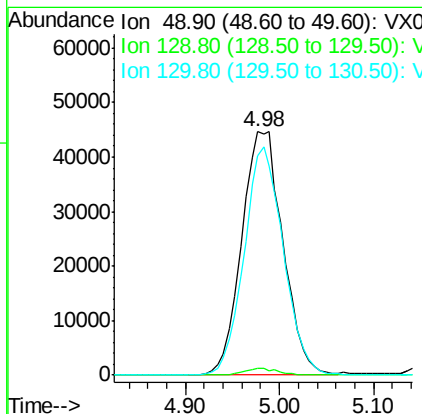
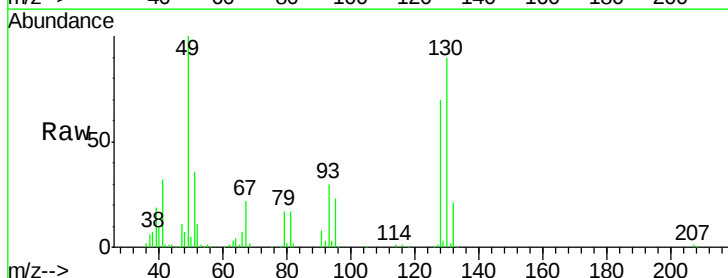
MMDadoda
7/7/2020 12:24:48 PM

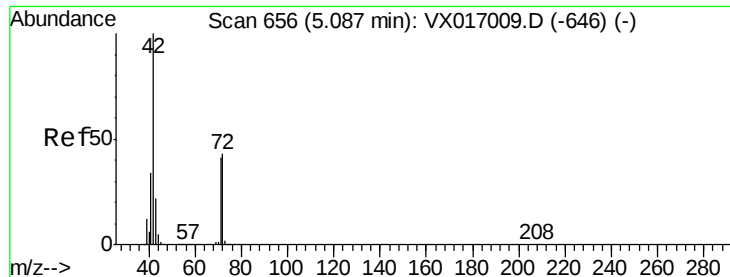


#28

Bromochloromethane
Concen: 47.094 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137333		
129	2.5	0.0	4.2	
130	89.3	66.6	100.0	





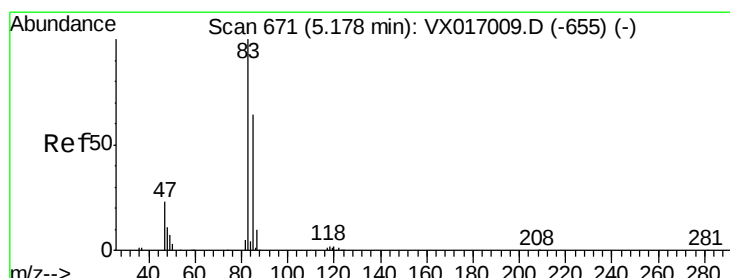
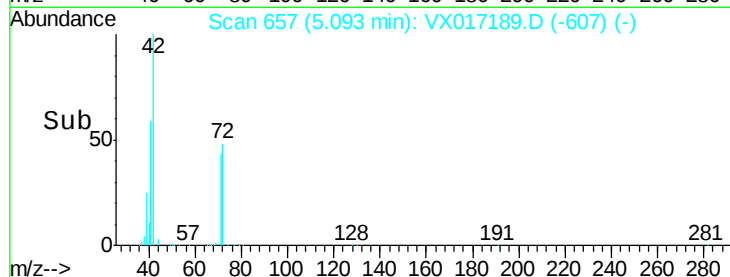
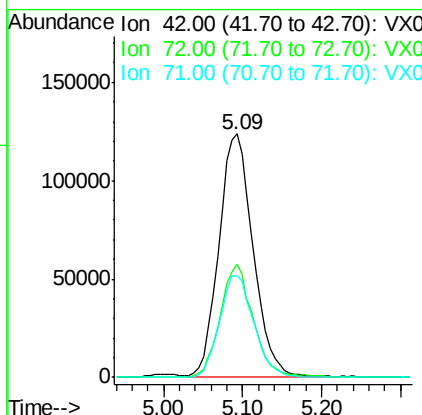
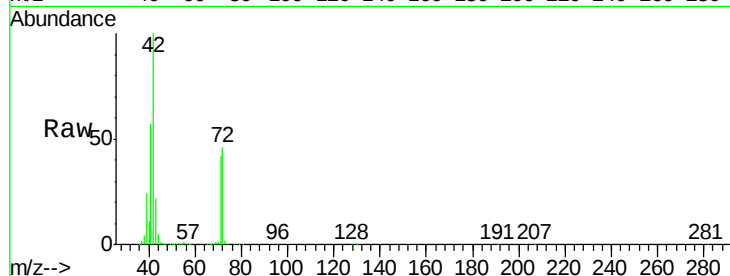
#29
Tetrahydrofuran
Concen: 234.685 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.3	52.9
71	42.2	33.1	49.7

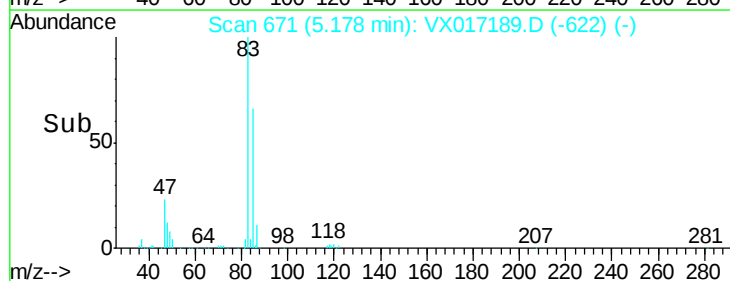
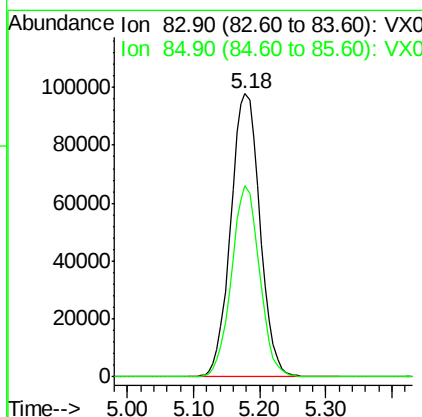
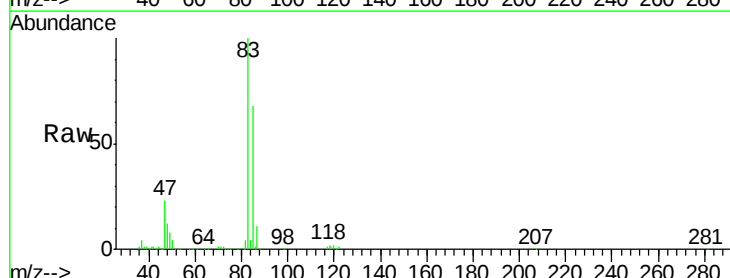
Manual Integrations
APPROVED

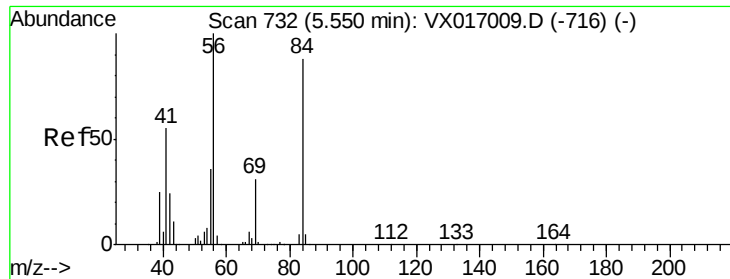
MMDadoda
7/7/2020 12:24:48 PM



#30
Chloroform
Concen: 48.902 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.4	77.2





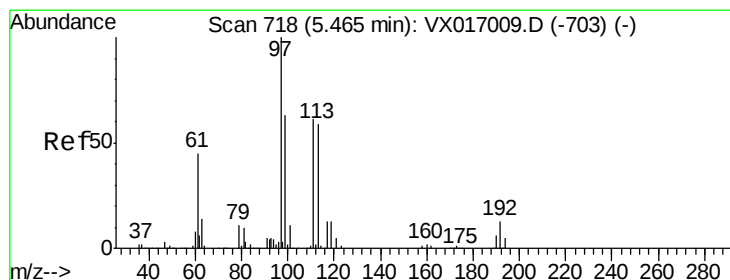
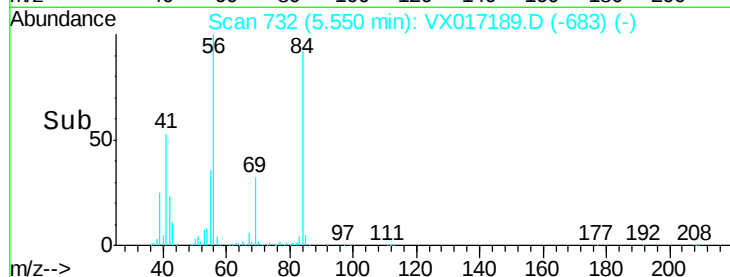
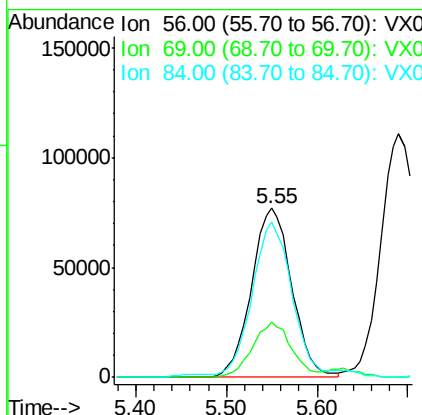
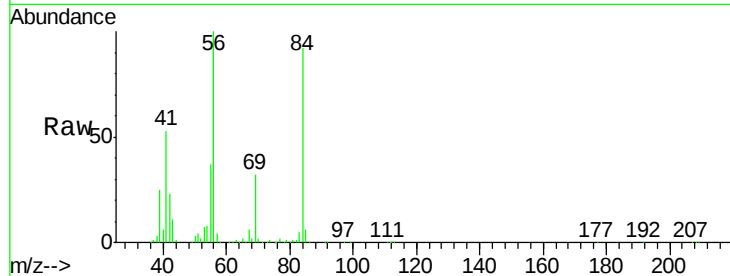
#31
Cyclohexane
Concen: 45.773 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.0	37.4
84	89.9	69.1	103.7

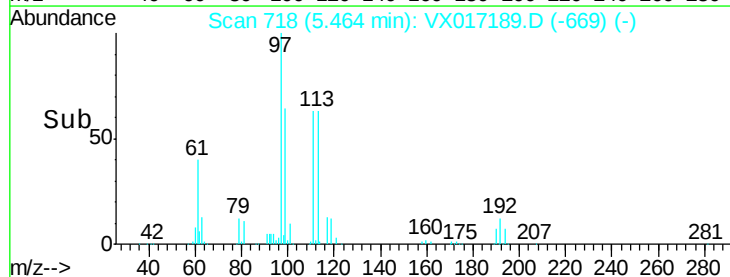
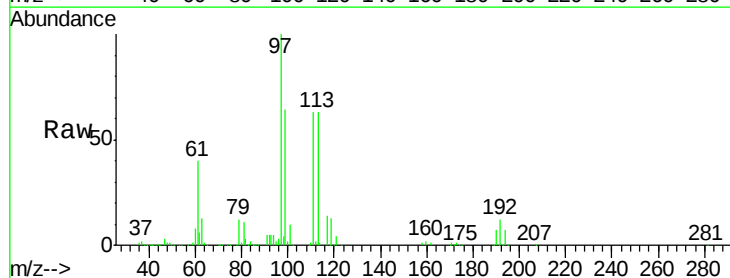
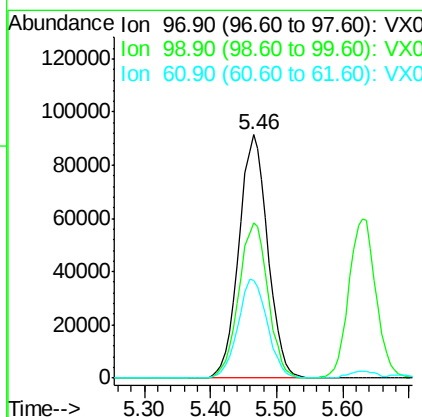
Manual Integrations
APPROVED

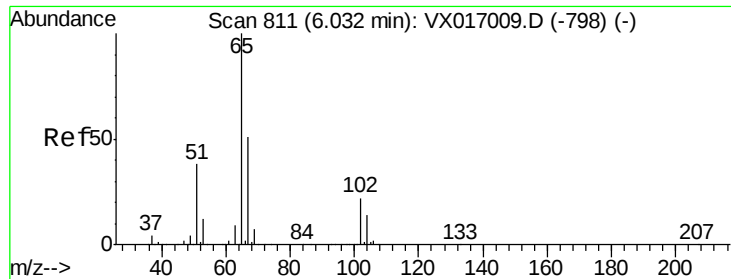
MMDadoda
7/7/2020 12:24:48 PM



#32
1,1,1-Trichloroethane
Concen: 48.804 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.8	76.2
61	41.5	33.7	50.5





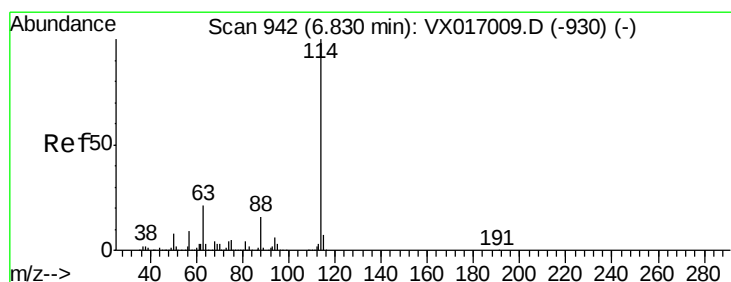
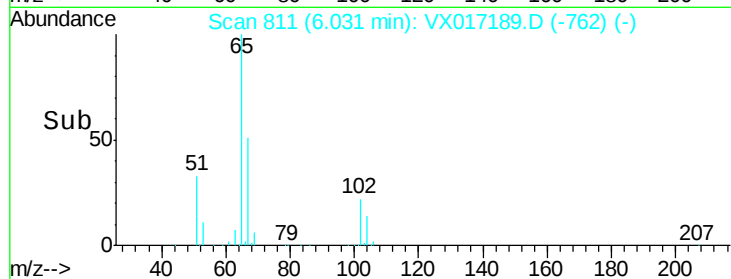
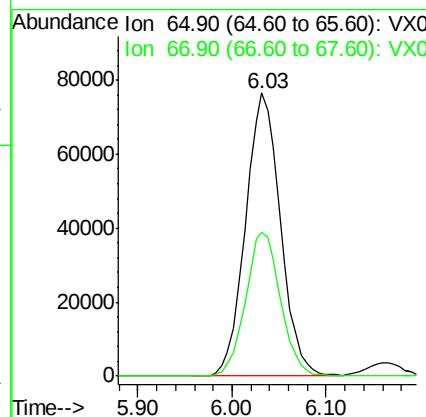
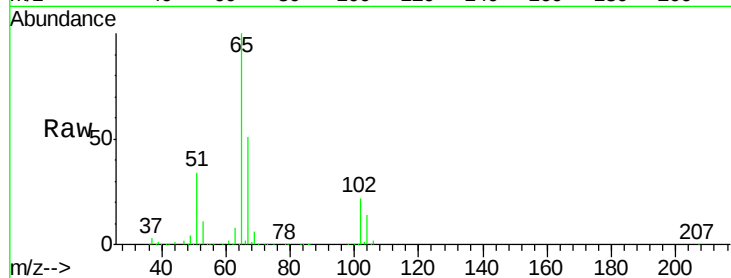
#33
 1,2-Dichloroethane-d4
 Concen: 51.651 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198171		
67	51.0	0.0	103.8	

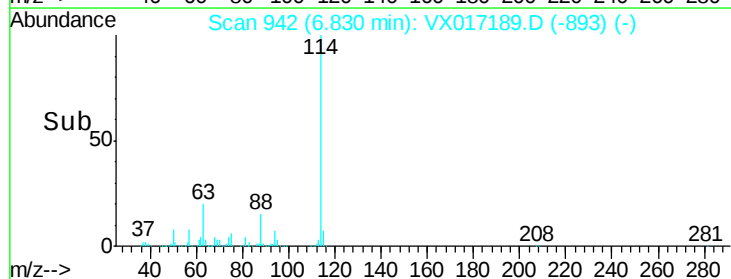
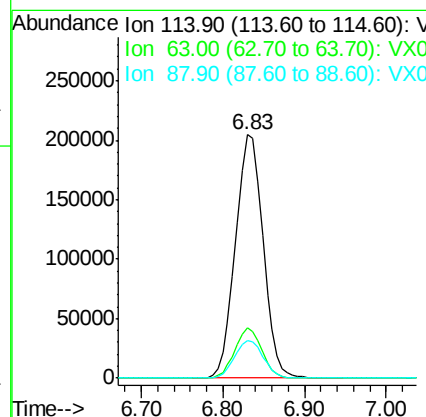
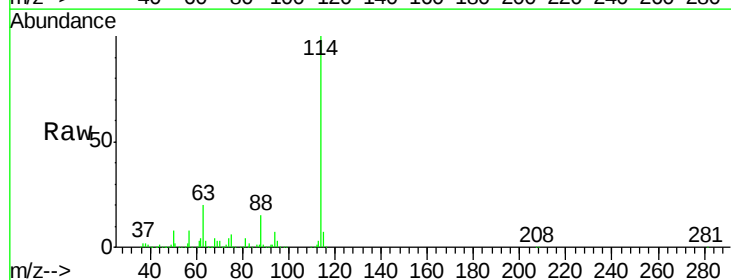
Manual Integrations
 APPROVED

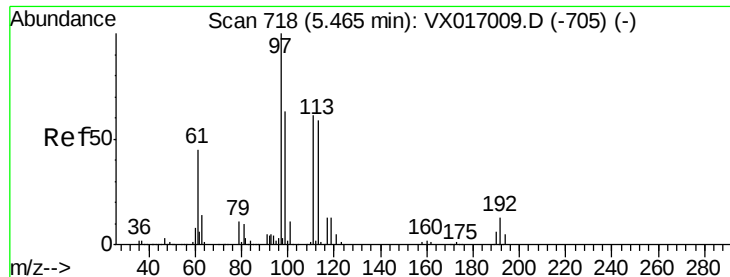
MMDadoda
 7/7/2020 12:24:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	480117		
63	20.4	0.0	41.4	
88	15.4	0.0	32.4	





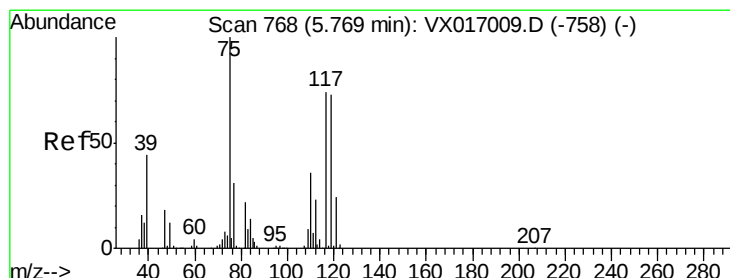
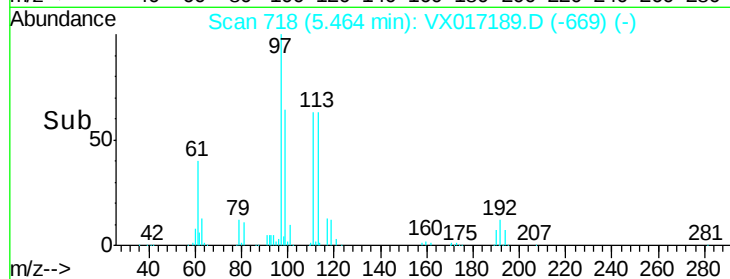
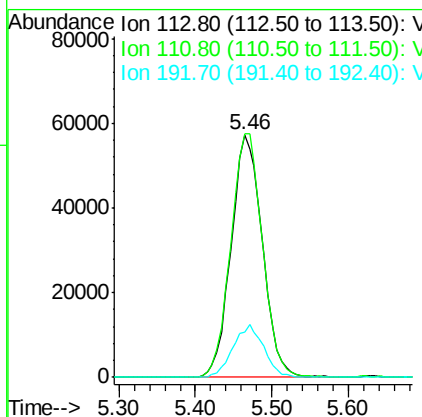
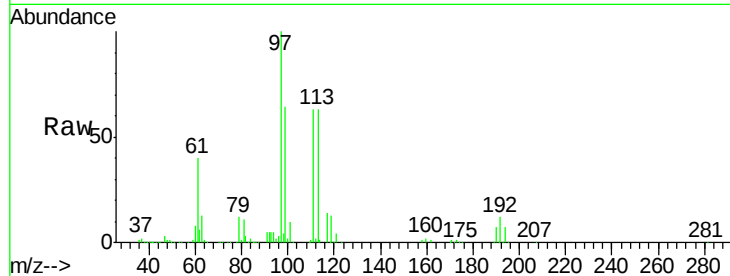
#35
 Dibromofluoromethane
 Concen: 53.188 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	161536		
111	102.3	81.9	122.9	
192	21.4	16.7	25.1	

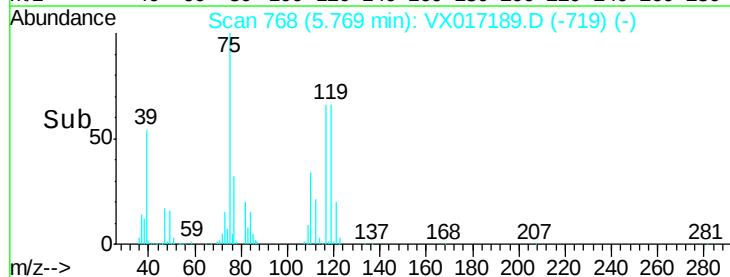
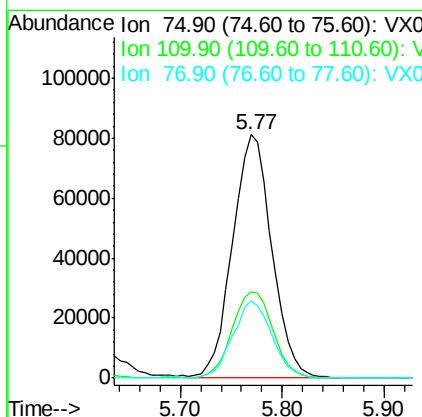
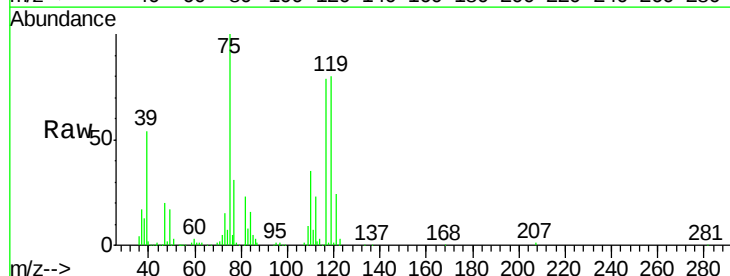
Manual Integrations
 APPROVED

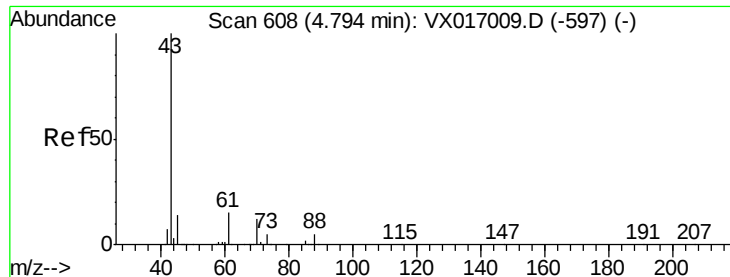
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#36
 1,1-Dichloropropene
 Concen: 47.415 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215155		
110	37.3	18.1	54.1	
77	32.0	24.6	37.0	





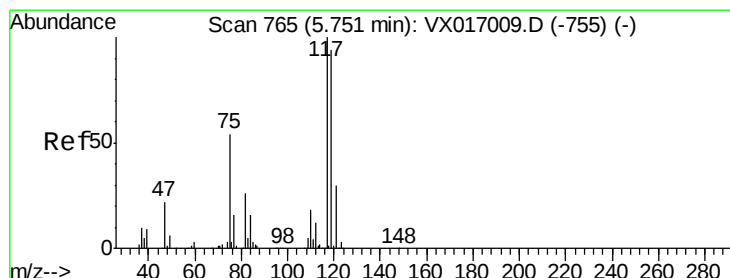
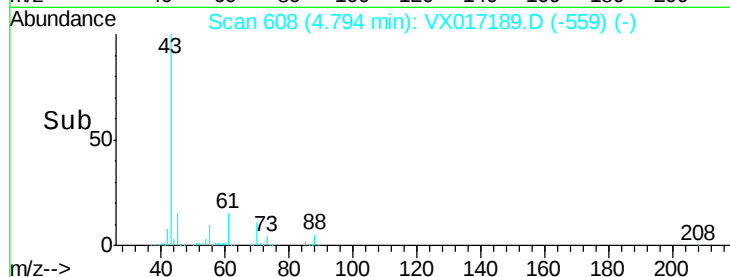
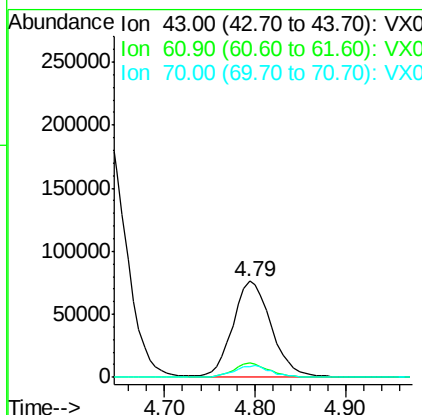
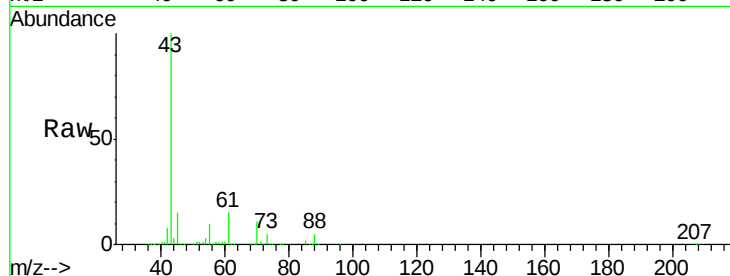
#37
Ethyl Acetate
Concen: 48.268 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	11.8	8.9	13.3

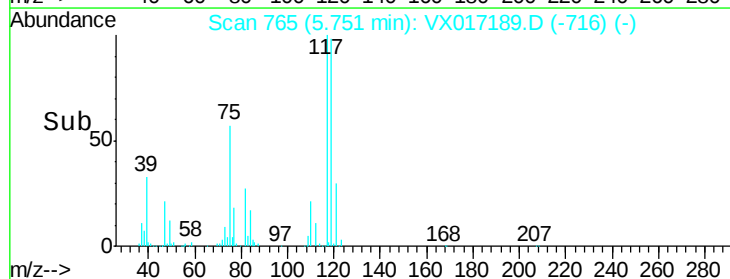
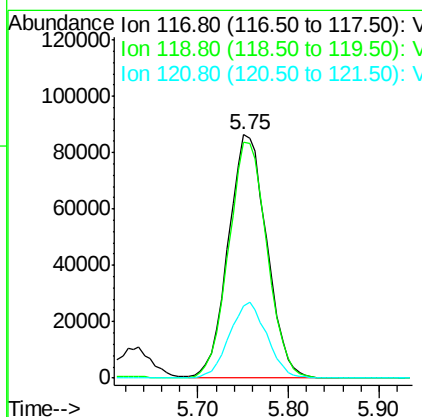
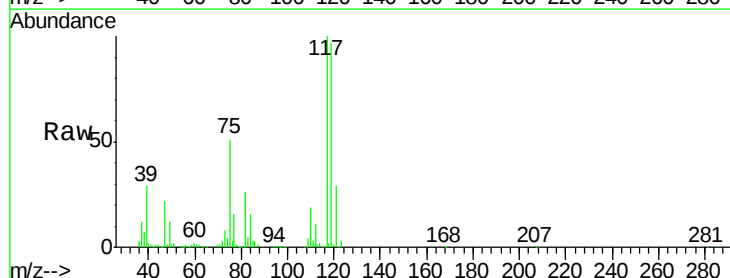
Manual Integrations
APPROVED

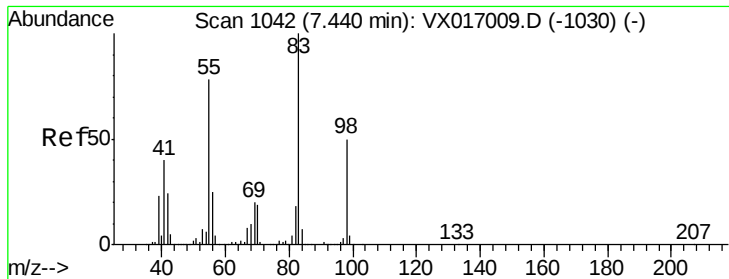
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.859 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
121	29.5	23.8	35.6





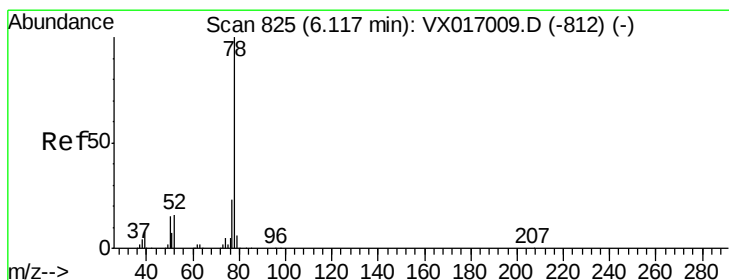
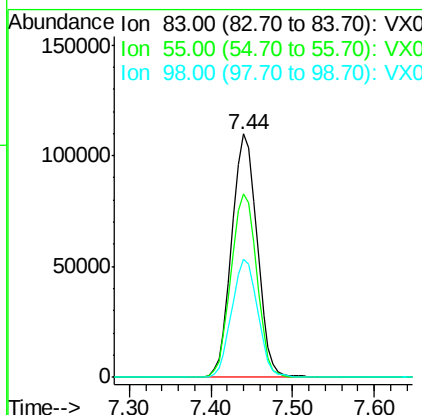
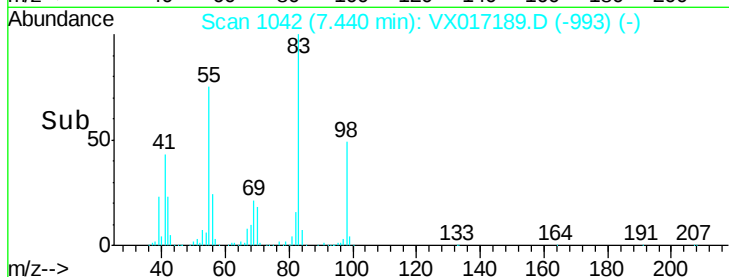
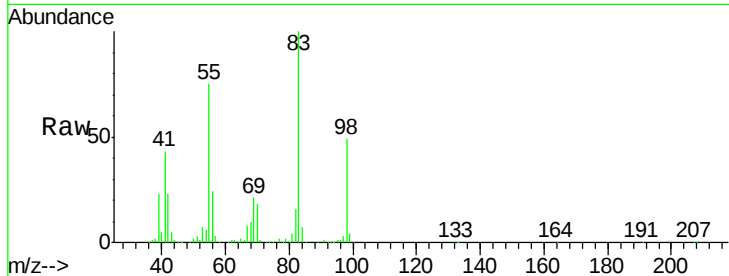
#39
Methvlcvclohexane
Concen: 46.843 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	236497		
55	75.4	62.5	93.7	
98	48.7	40.1	60.1	

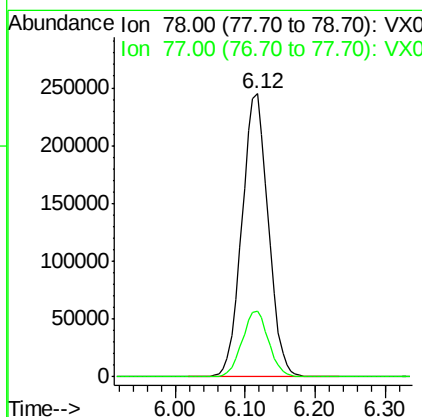
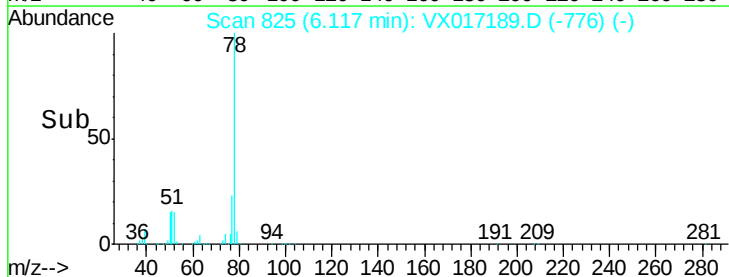
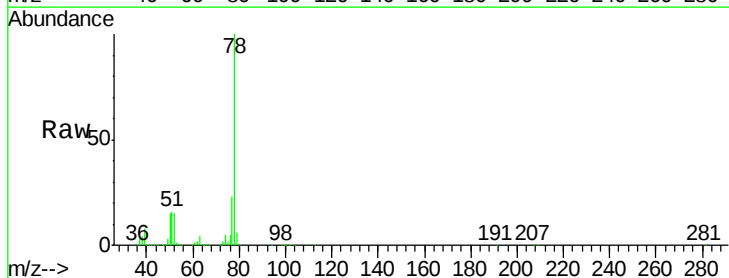
Manual Integrations
APPROVED

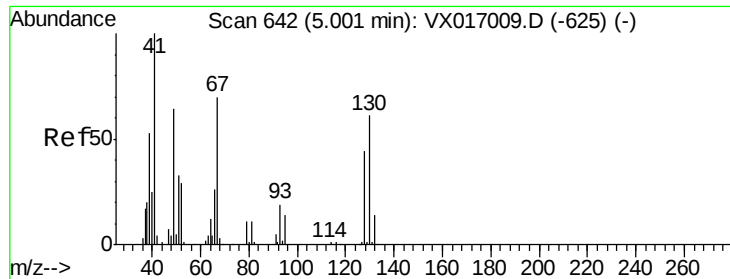
MMDadoda
7/7/2020 12:24:48 PM



#40
Benzene
Concen: 47.912 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	638792		
77	23.2	18.3	27.5	





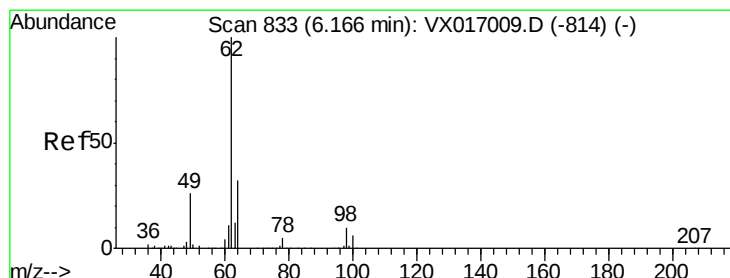
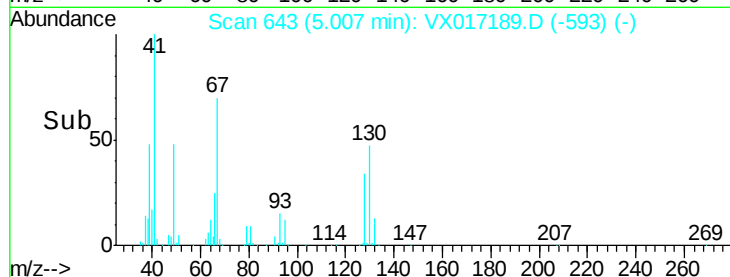
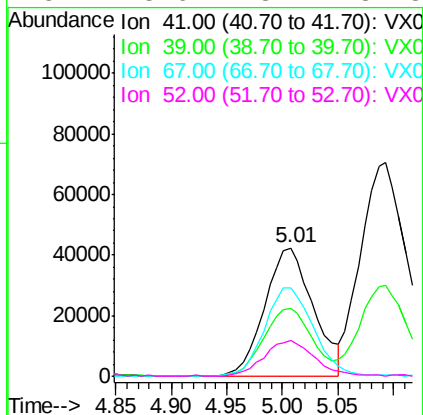
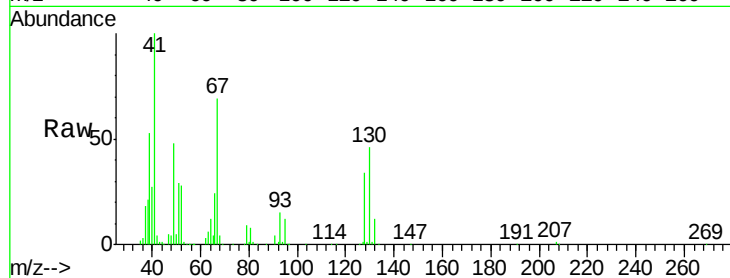
#41
Methacrylonitrile
Concen: 49.431 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	44.4	66.6	
67	70.0	57.1	85.7	
52	28.6	23.2	34.8	

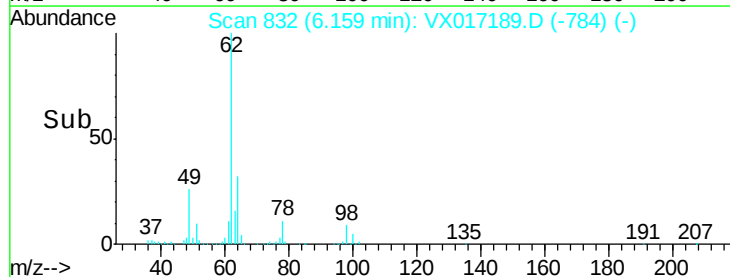
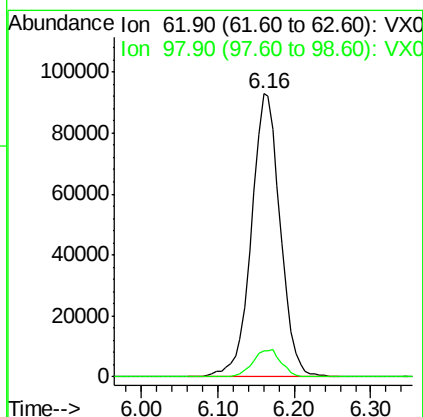
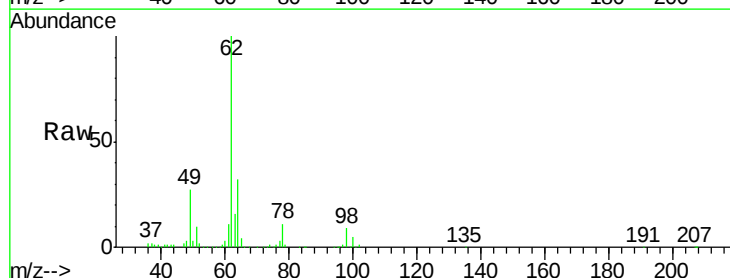
Manual Integrations
APPROVED

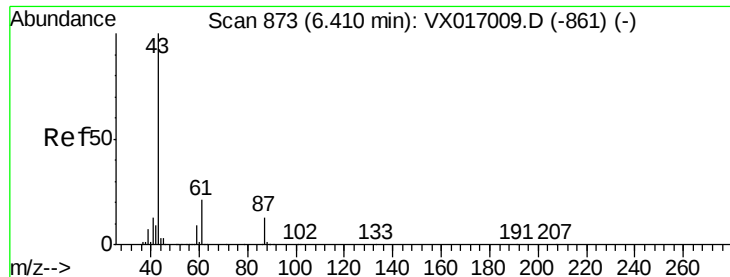
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7/7/2020 12:24:48 PM



#42
1,2-Dichloroethane
Concen: 50.484 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	19.2	





#43

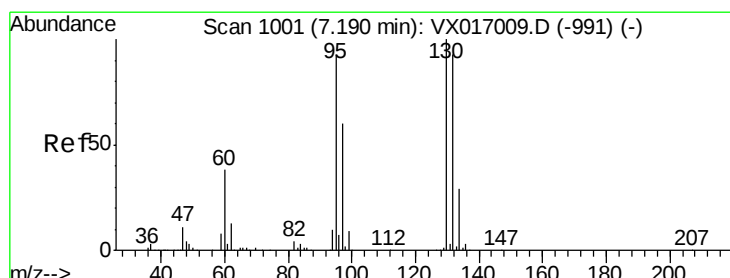
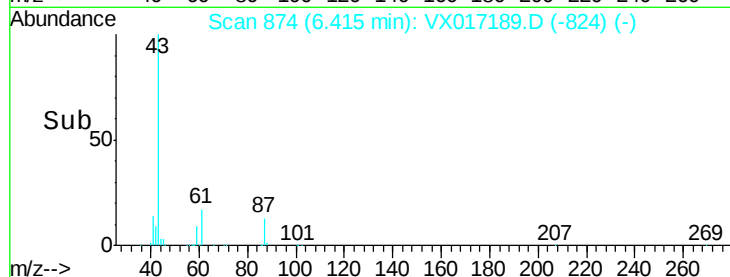
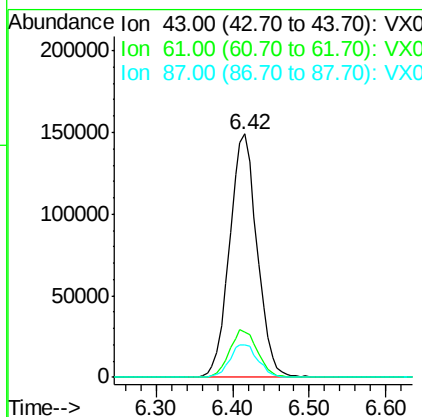
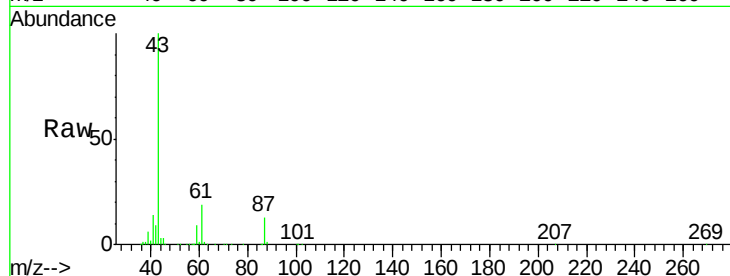
Isopropyl Acetate
 Concen: 48.310 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.2
87	13.9	10.7	16.1

Manual Integrations
 APPROVED

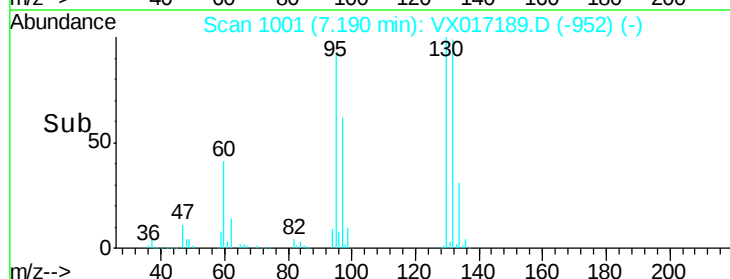
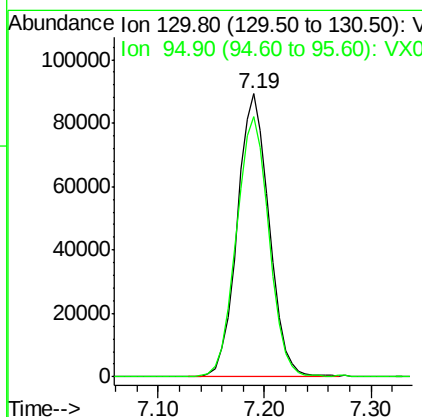
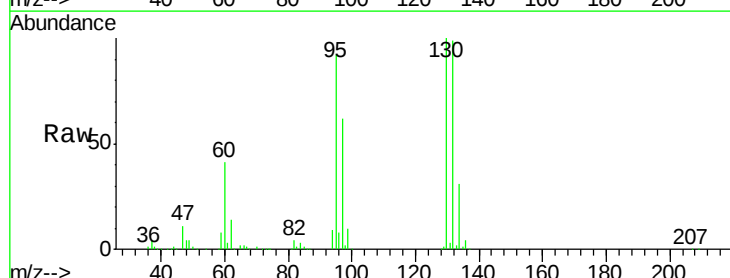
MMDadoda
 7/7/2020 12:24:48 PM



#44

Trichloroethene
 Concen: 50.887 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	185.0





#45

1,2-Dichloropropane

Concen: 48.334 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 165511

Ion Ratio Lower Upper

63 100

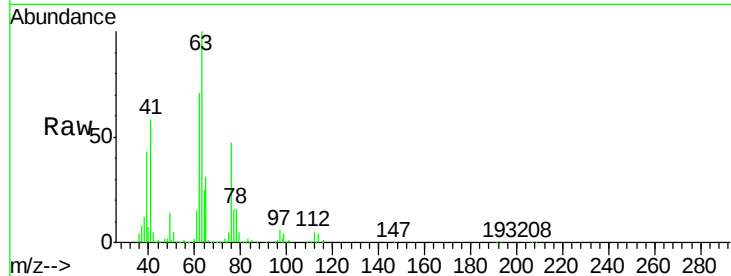
65 31.4 24.6 36.8

Manual Integrations

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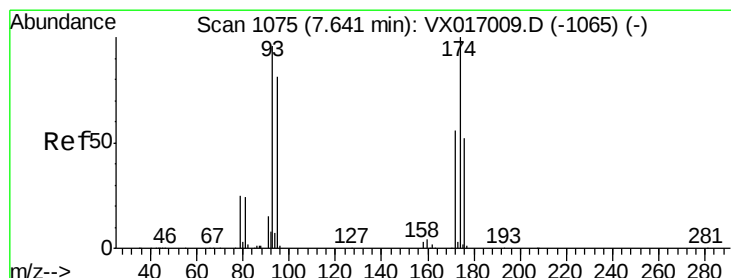
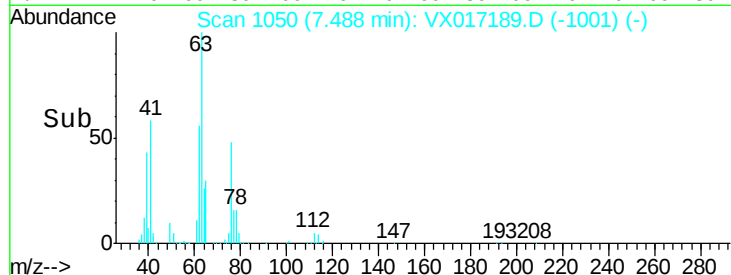
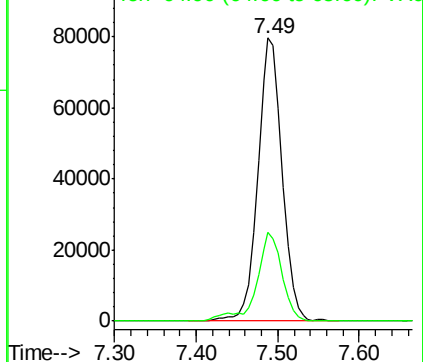
MMDadoda

7/7/2020 12:24:48 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.198 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

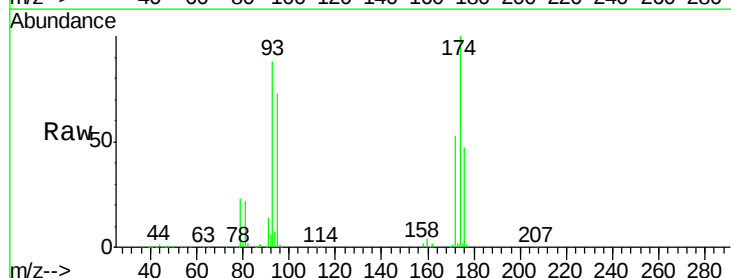
Tgt Ion: 93 Resp: 117356

Ion Ratio Lower Upper

93 100

95 83.3 67.4 101.0

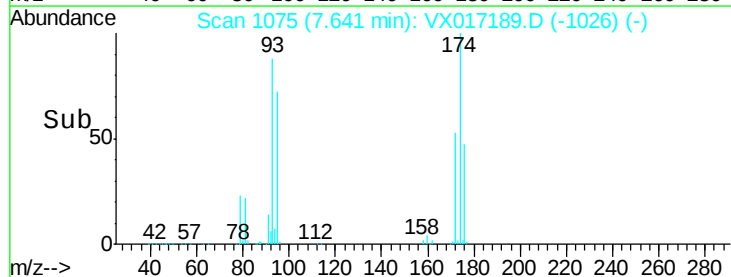
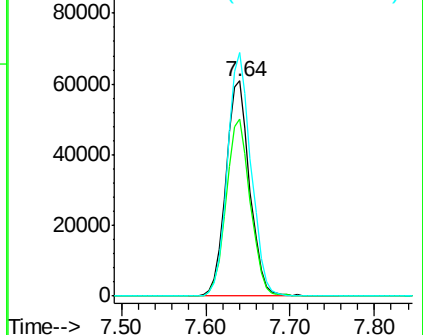
174 111.5 84.3 126.5

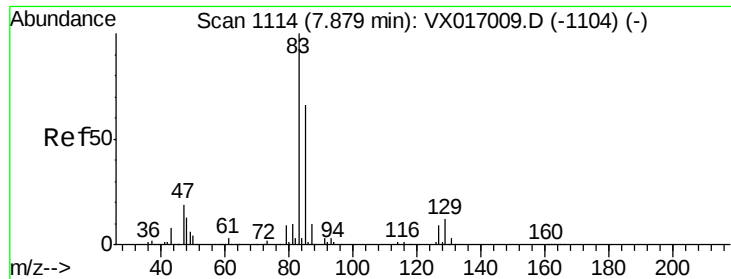


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.075 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

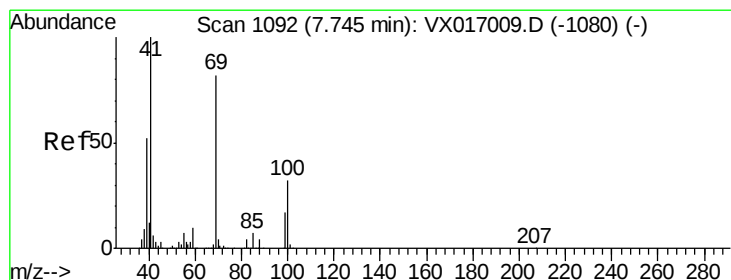
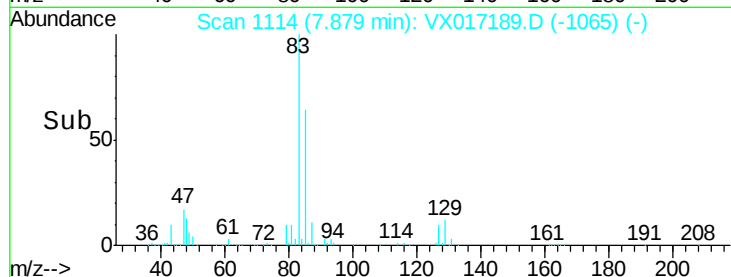
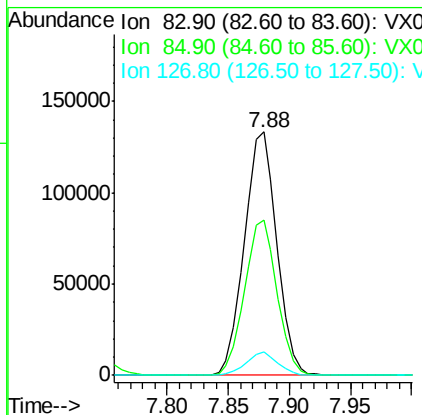
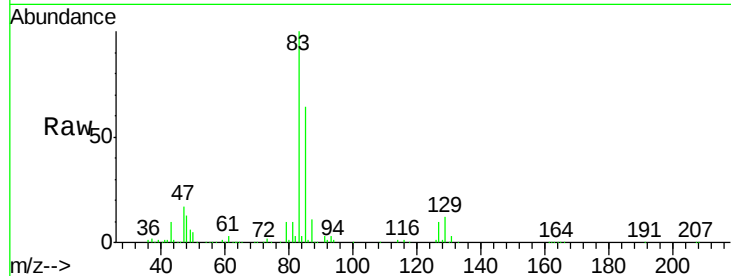
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	246074
Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.0	79.4
127	9.7	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.487 ug/l

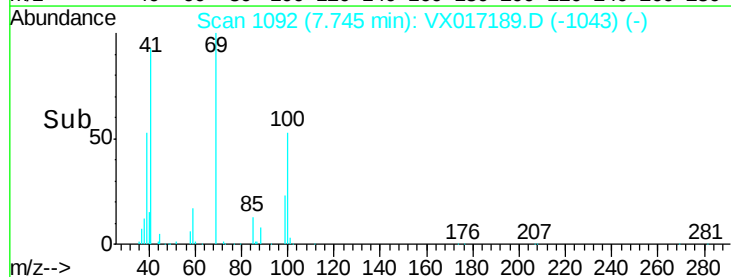
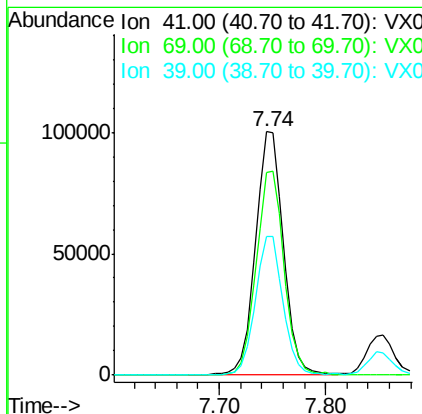
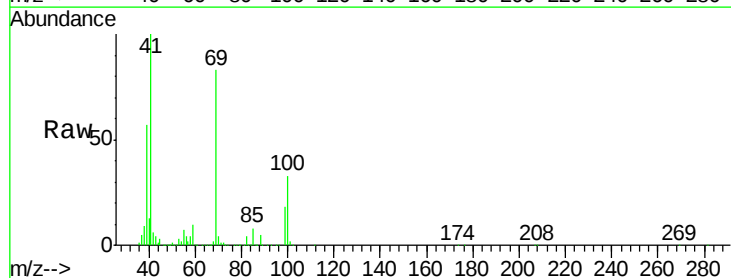
RT: 7.74 min Scan# 1092

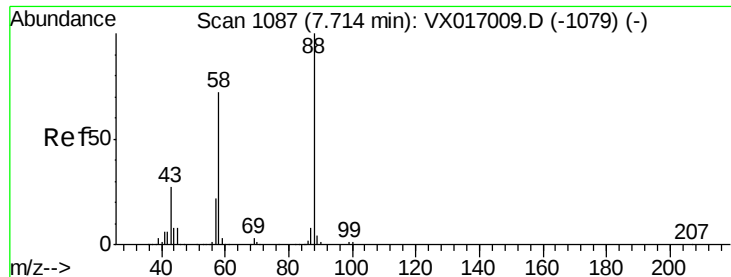
Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion:	41	Resp:	183506
Ion	Ratio	Lower	Upper
41	100		
69	84.2	65.8	98.8
39	56.7	42.5	63.7





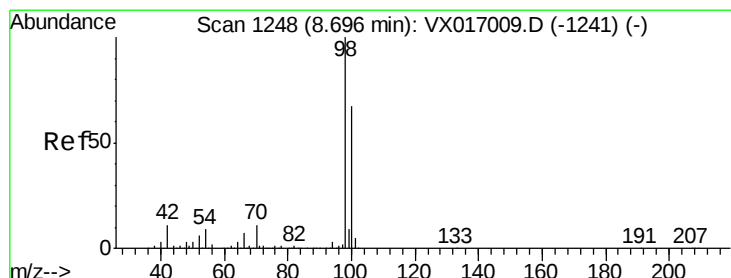
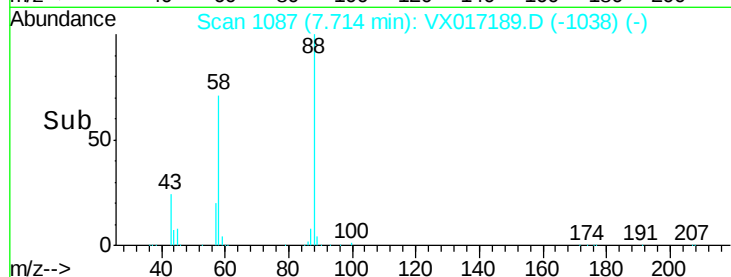
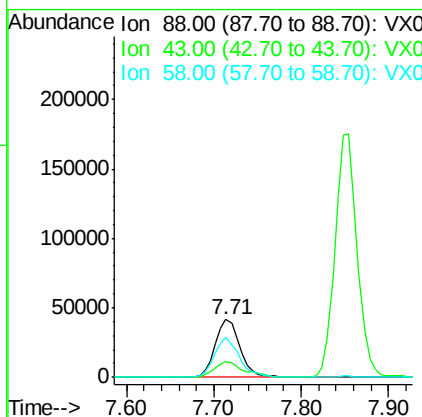
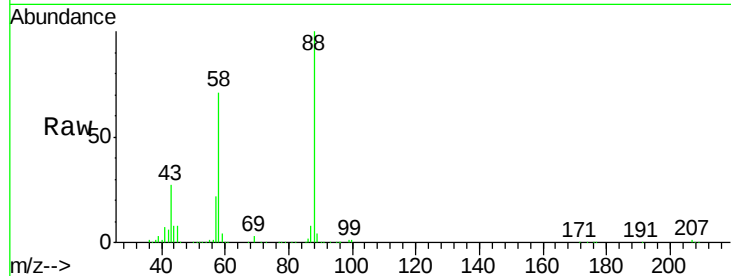
#49
1,4-Dioxane
Concen: 999.487 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.8	38.8
58	70.0	54.8	82.2

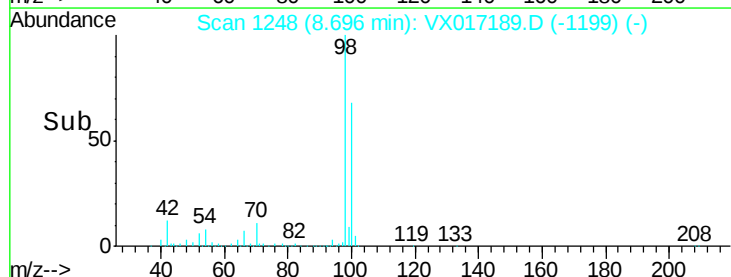
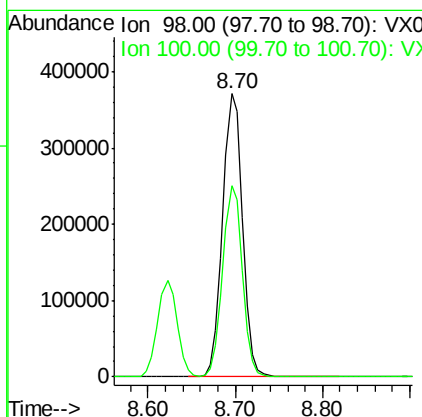
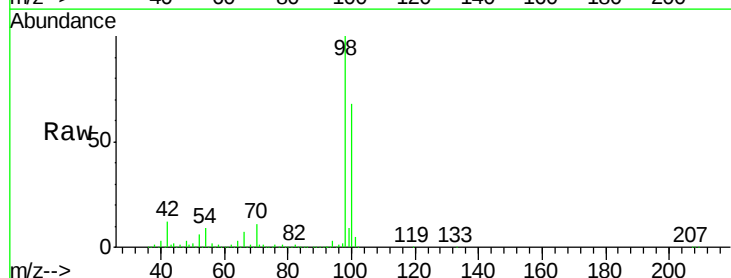
Manual Integrations
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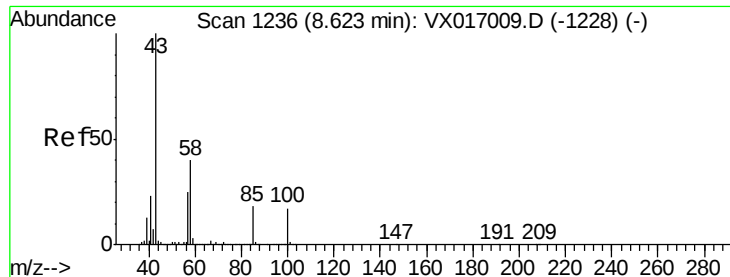
MMDadoda
7/7/2020 12:24:48 PM



#50
Toluene-d8
Concen: 51.907 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 250.860 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1144031

Ion Ratio Lower Upper

43 100

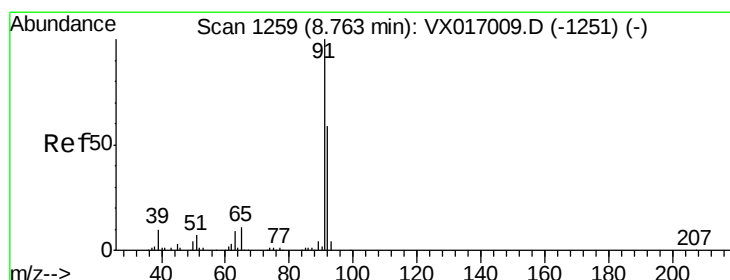
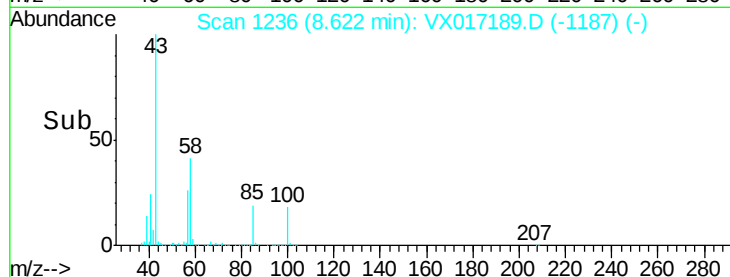
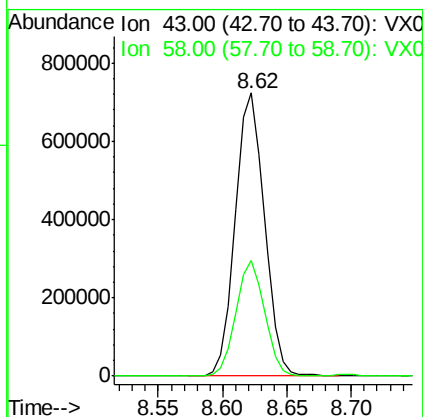
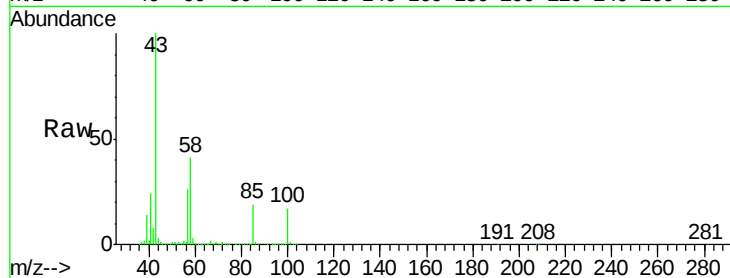
58 40.0 31.9 47.9

Manual Integrations

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7/7/2020 12:24:48 PM



#52

Toluene

Concen: 49.622 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017189.D

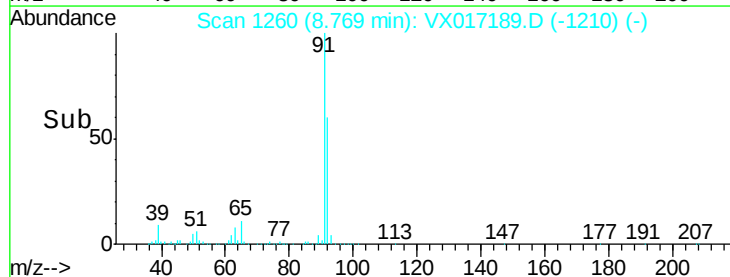
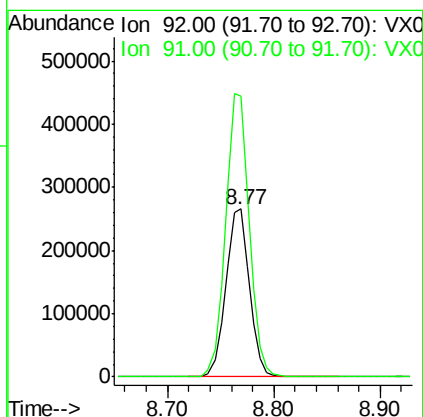
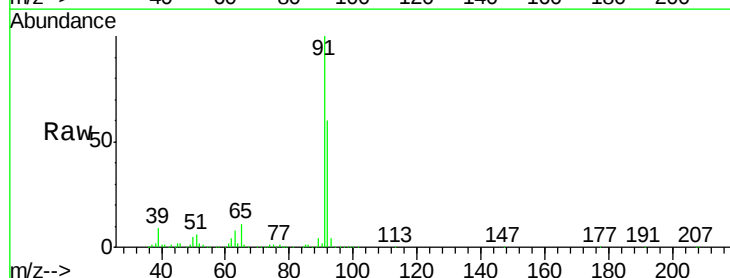
Acq: 06 Jul 2020 23:14

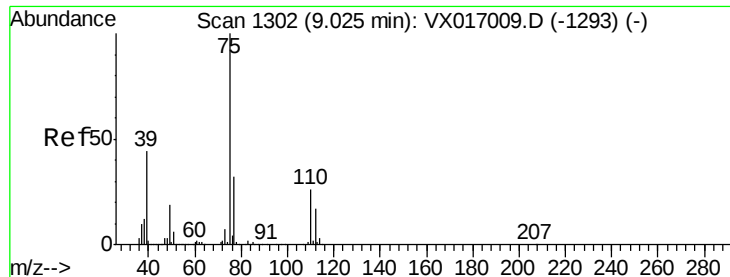
Tgt Ion: 92 Resp: 413058

Ion Ratio Lower Upper

92 100

91 168.8 136.9 205.3





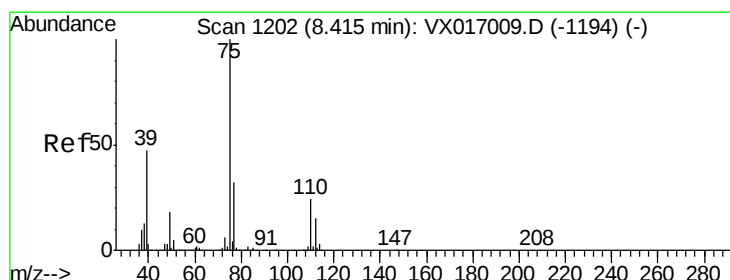
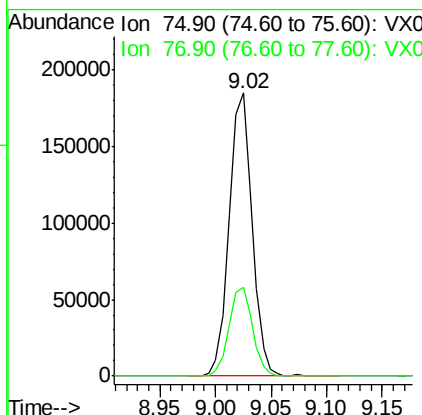
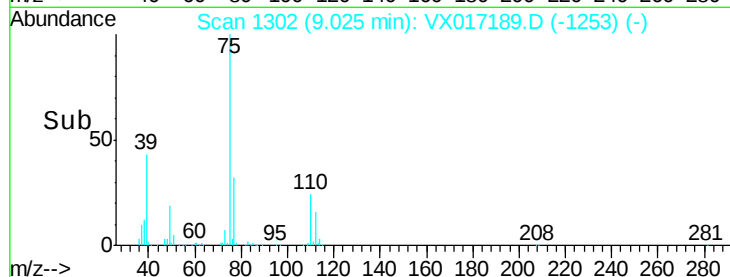
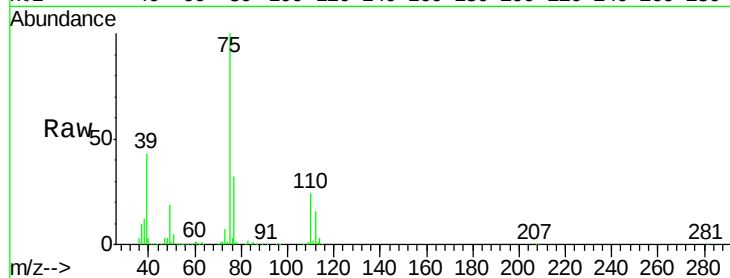
#53
t-1,3-Dichloropropene
Concen: 49.678 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4

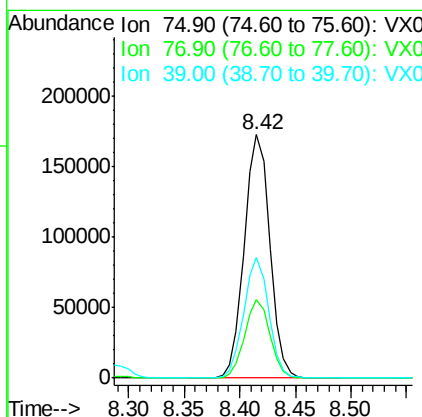
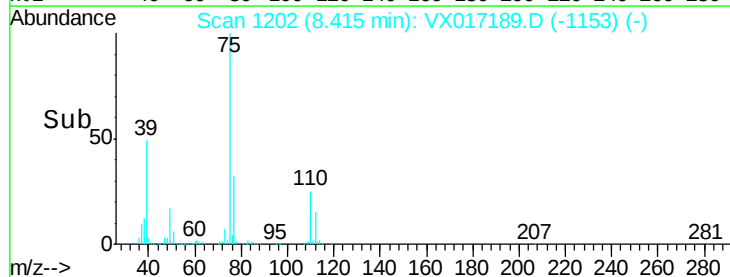
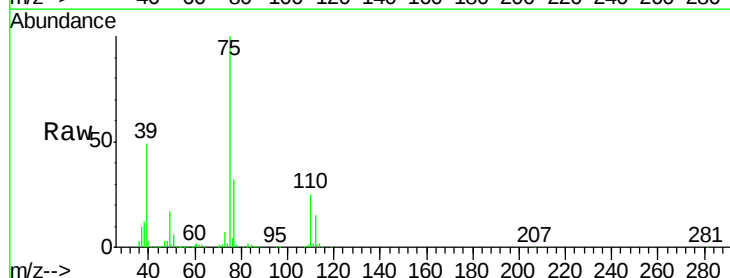
Manual Integrations
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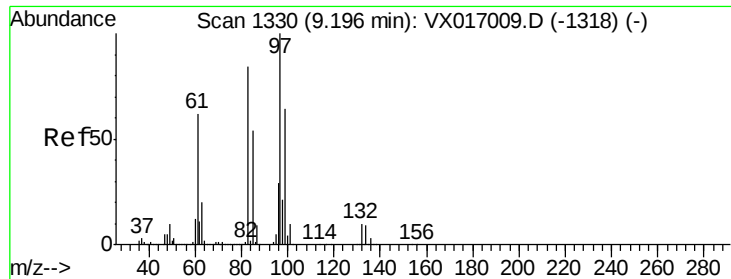
MMDadoda
7/7/2020 12:24:48 PM



#54
cis-1,3-Dichloropropene
Concen: 48.476 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.2	37.8
39	49.3	37.4	56.2





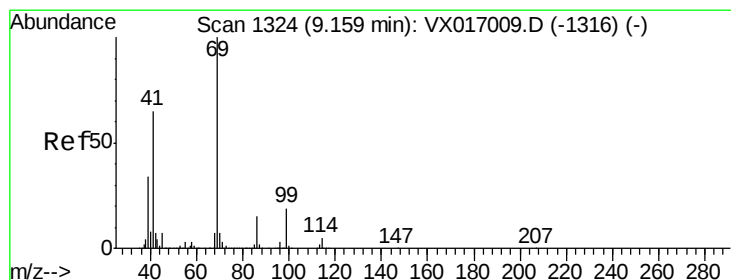
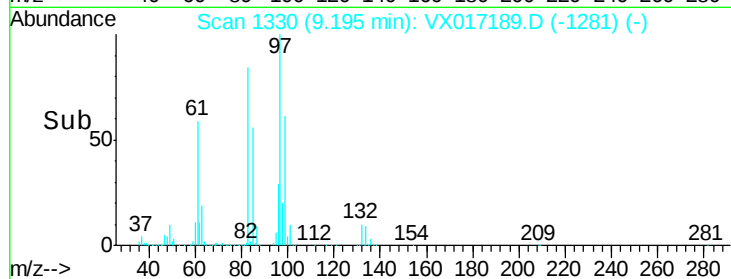
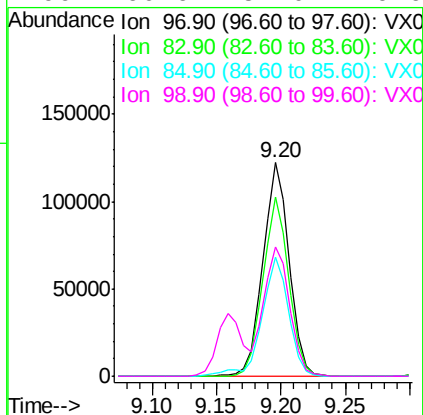
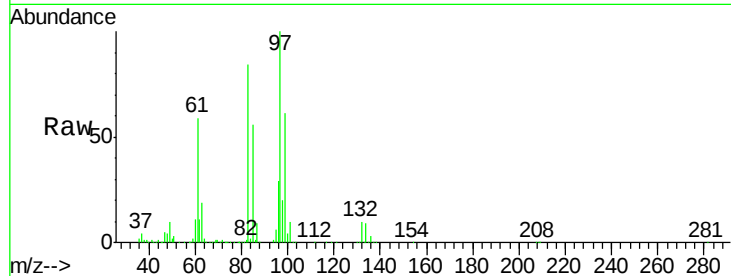
#55
 1,1,2-Trichloroethane
 Concen: 50.757 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		172622		
83	83.7	67.0	100.6		
85	55.6	43.5	65.3		
99	60.6	51.0	76.6		

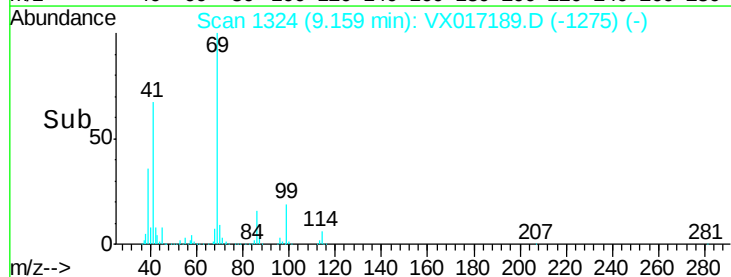
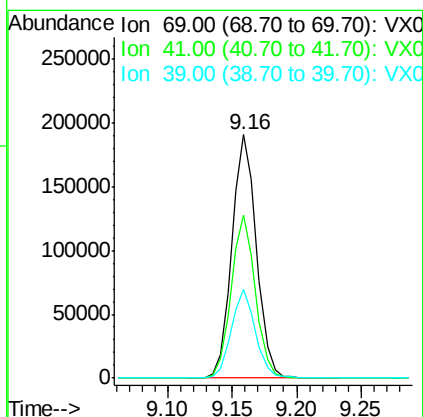
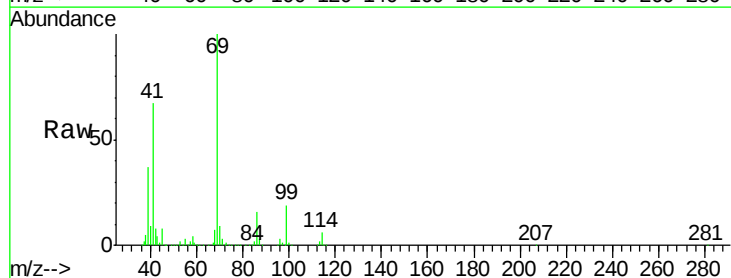
Manual Integrations
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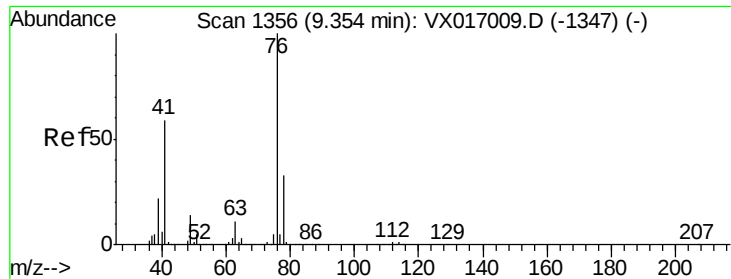
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 7/7/2020 12:24:48 PM



#56
 Ethyl methacrylate
 Concen: 52.413 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		253716		
41	66.0	53.6	80.4		
39	35.8	28.2	42.2		





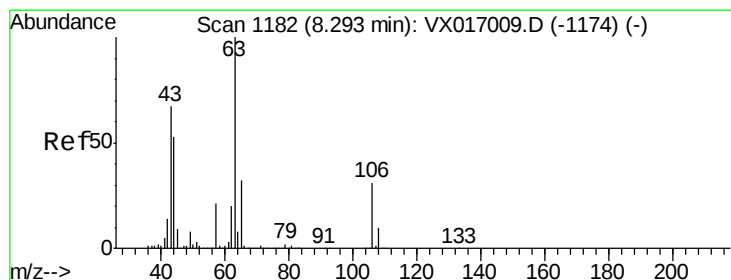
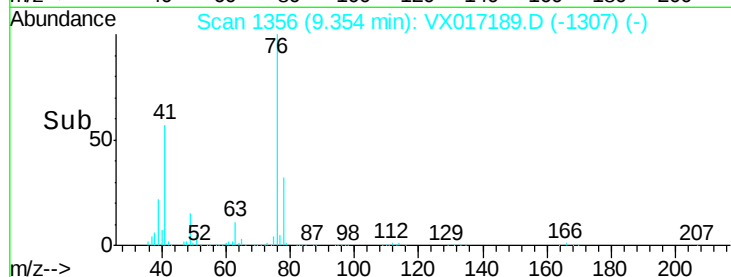
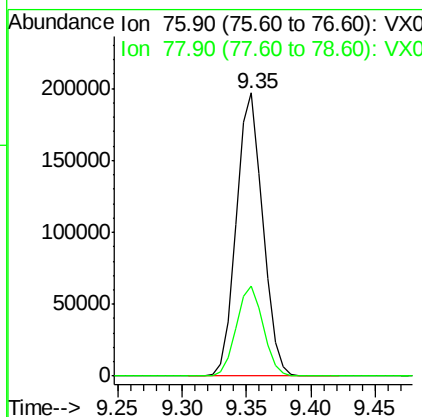
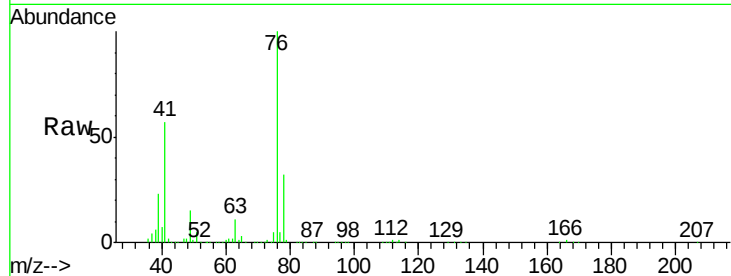
#57
 1,3-Dichloropropane
 Concen: 48.782 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

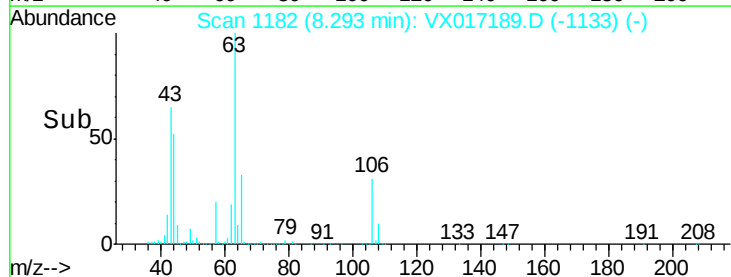
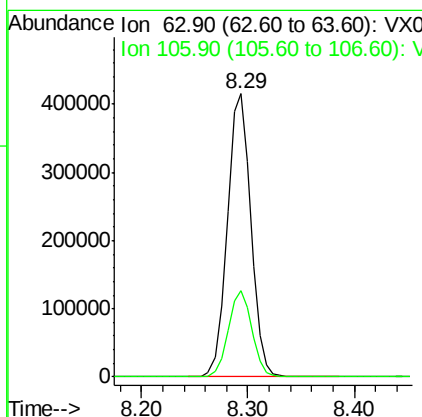
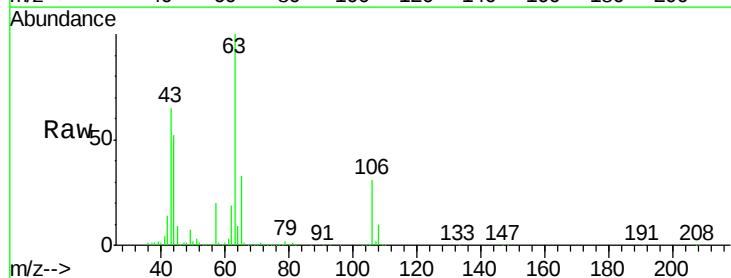
Manual Integrations
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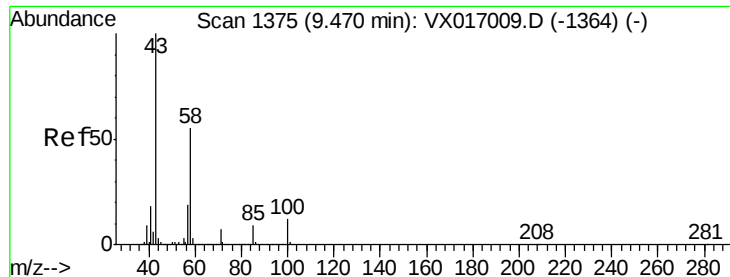
MMDadoda
 7/7/2020 12:24:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.238 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.0	36.0





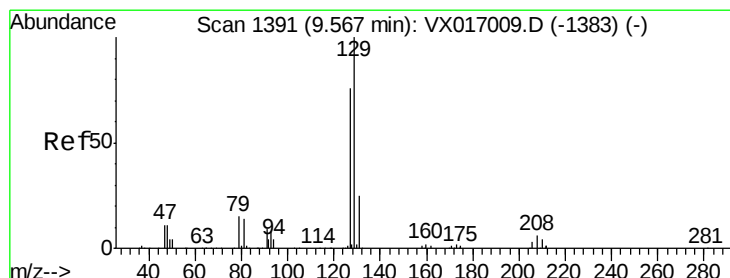
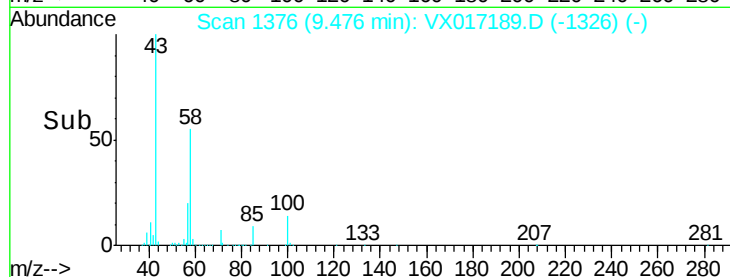
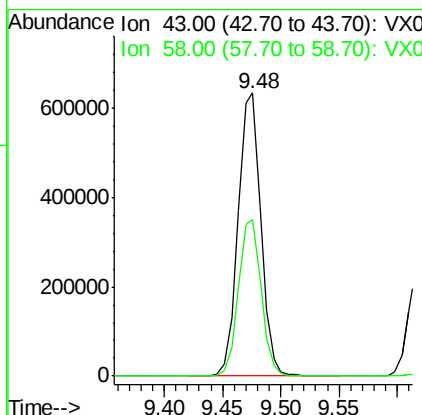
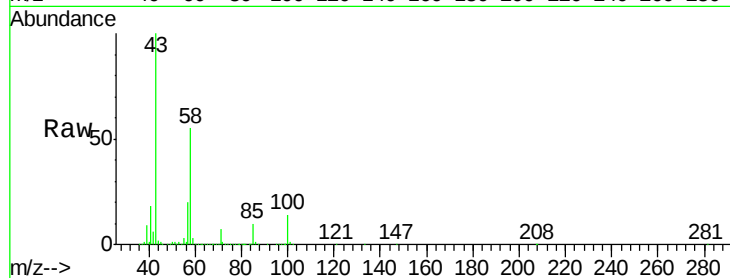
#59
2-Hexanone
Concen: 259.536 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 864422
Ion Ratio Lower Upper
43 100
58 55.3 27.9 83.6

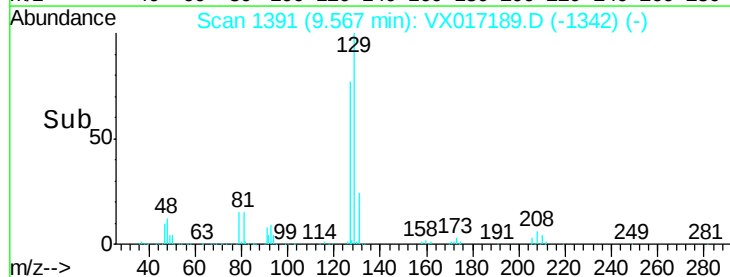
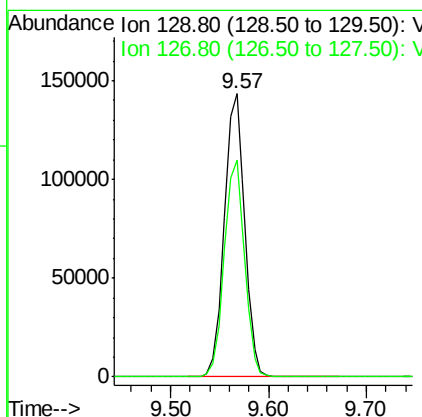
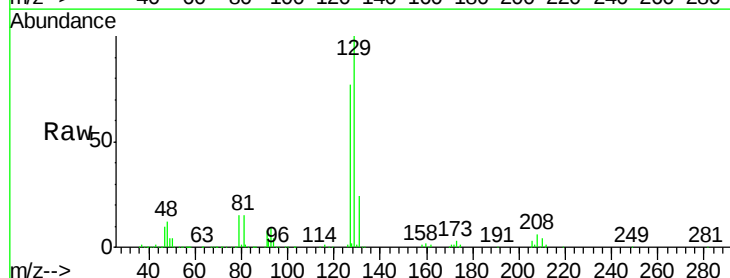
Manual Integrations
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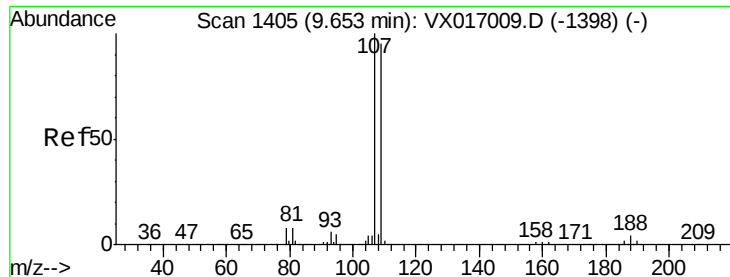
MMDadoda
7/7/2020 12:24:48 PM



#60
Dibromochloromethane
Concen: 52.327 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 129 Resp: 206695
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.743 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 185501

Ion Ratio Lower Upper

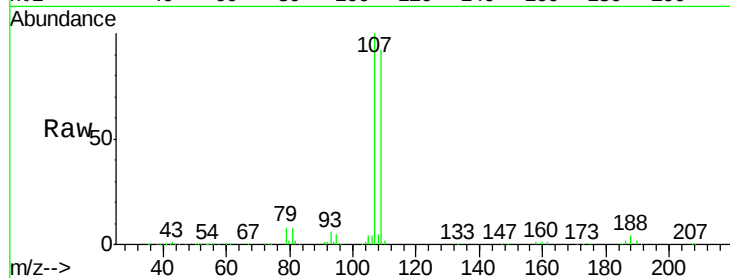
107 100

109 94.0 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

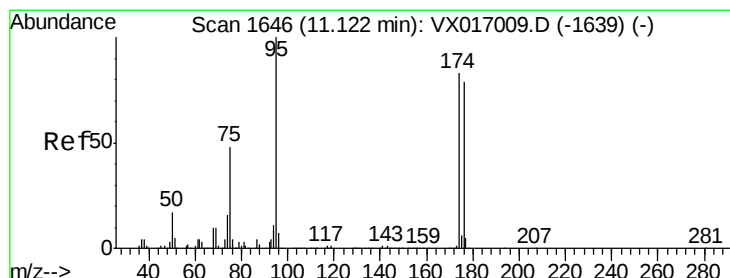
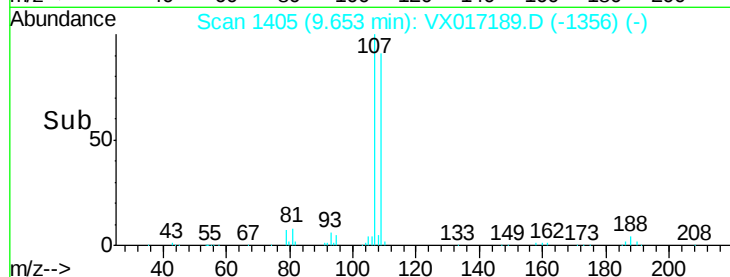
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.426 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

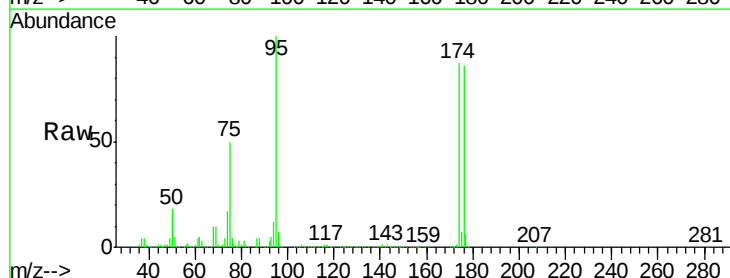
Tgt Ion: 95 Resp: 238937

Ion Ratio Lower Upper

95 100

174 84.8 0.0 164.0

176 81.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

250000

200000

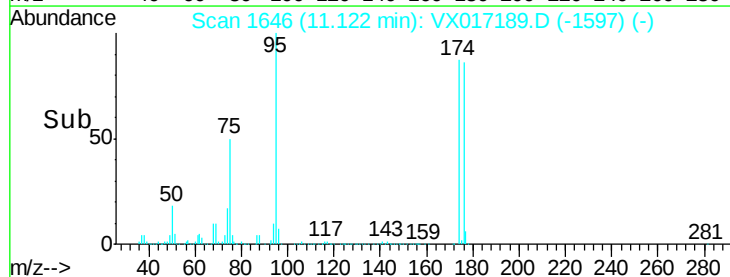
150000

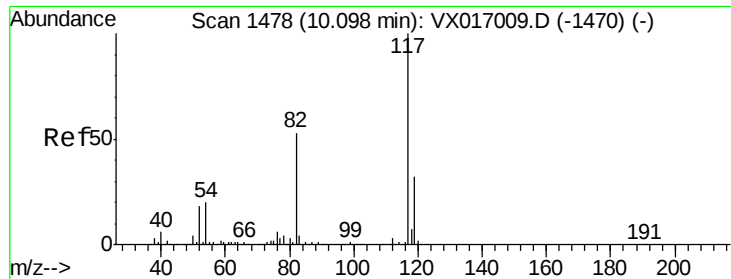
100000

50000

0

Time-->





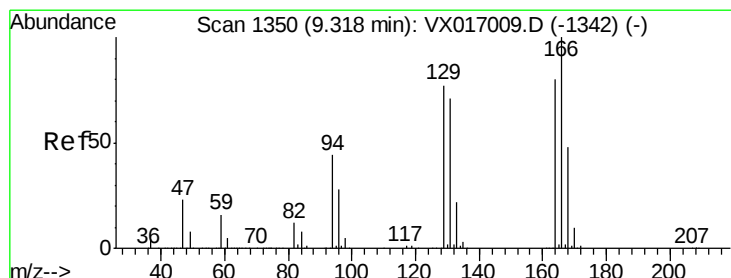
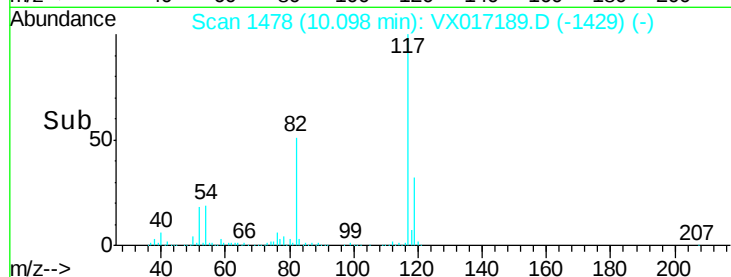
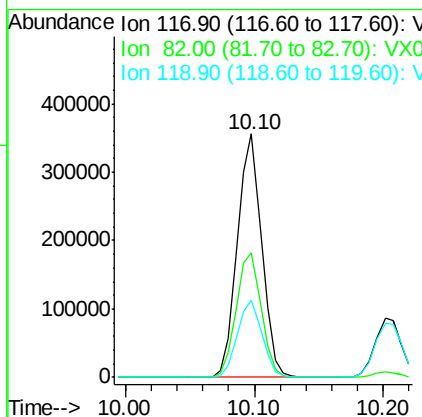
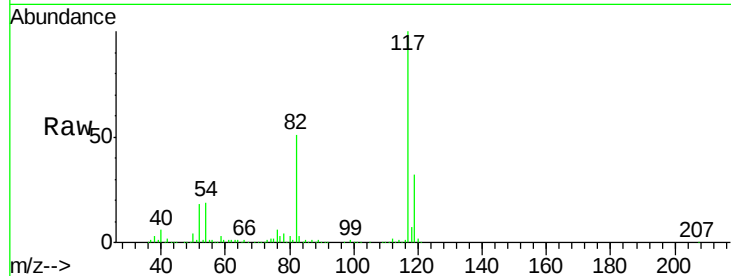
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.6	63.8
119	31.8	25.4	38.2

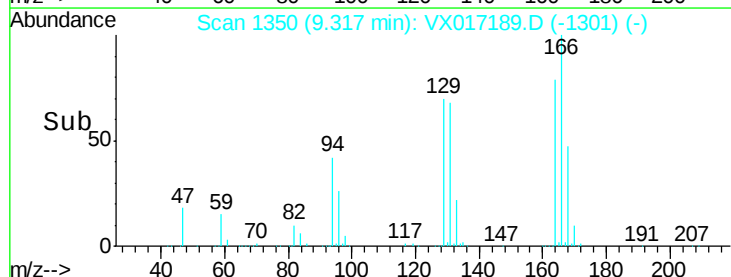
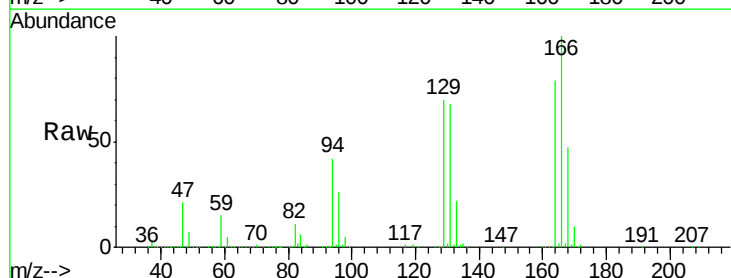
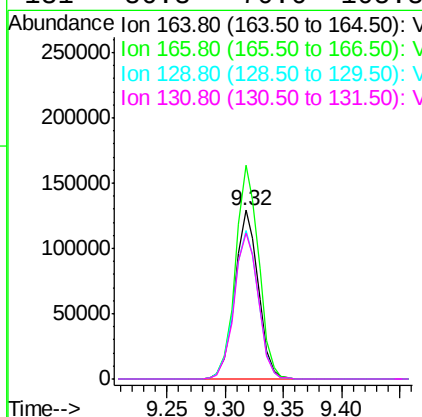
Manual Integrations
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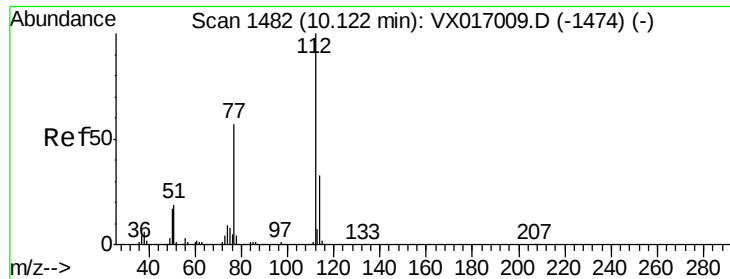
MMDadoda
7/7/2020 12:24:48 PM



#64
Tetrachloroethene
Concen: 47.826 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	99.4	149.0
129	88.2	76.3	114.5
131	86.3	70.6	105.8





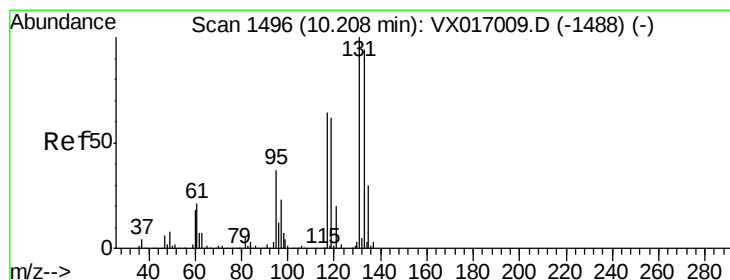
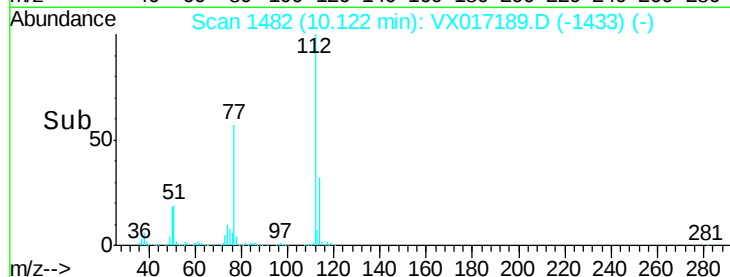
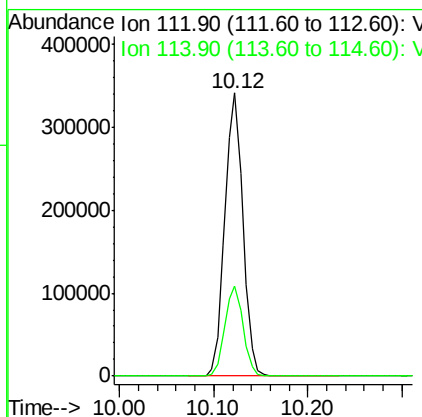
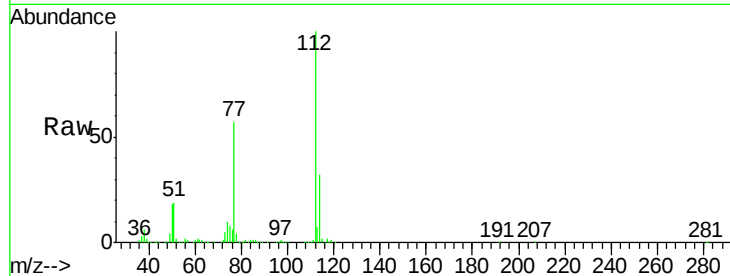
#65
Chlorobenzene
Concen: 47.092 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 454655
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4

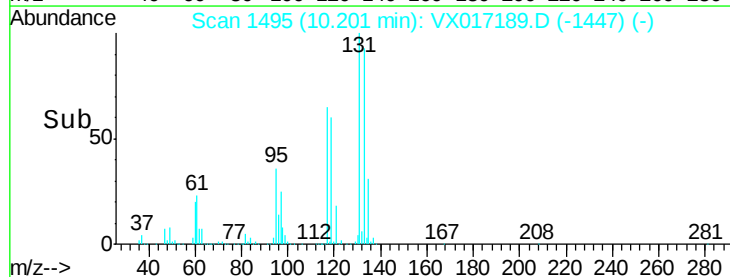
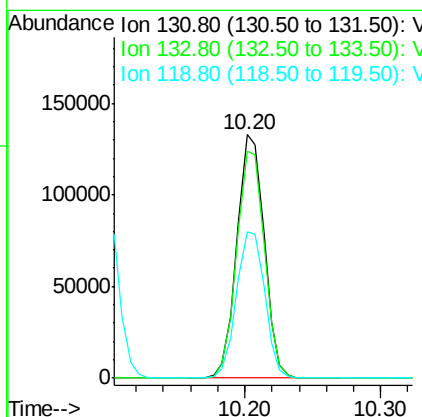
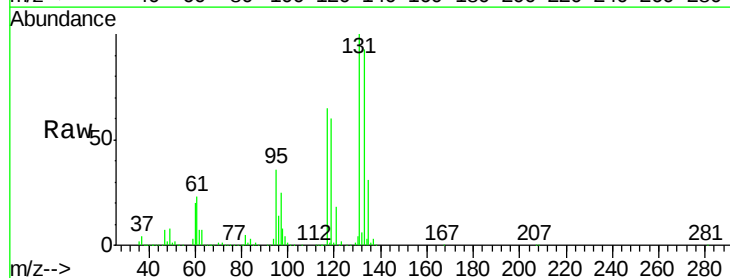
Manual Integrations
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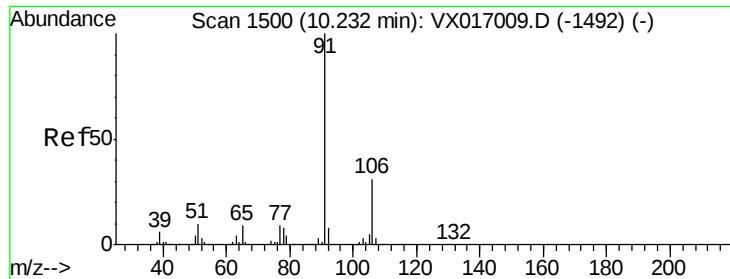
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.973 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion:131 Resp: 185936
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 62.2 31.9 95.5





#67

Ethyl Benzene

Concen: 48.993 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 789929

Ion Ratio Lower Upper

91 100

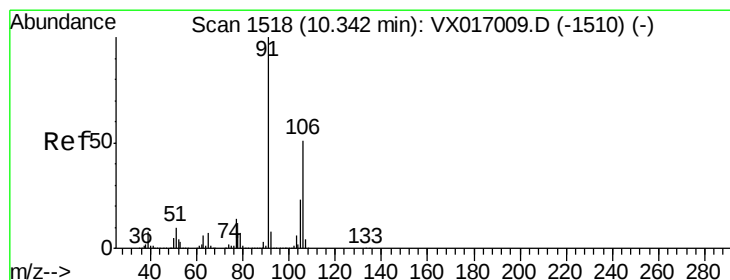
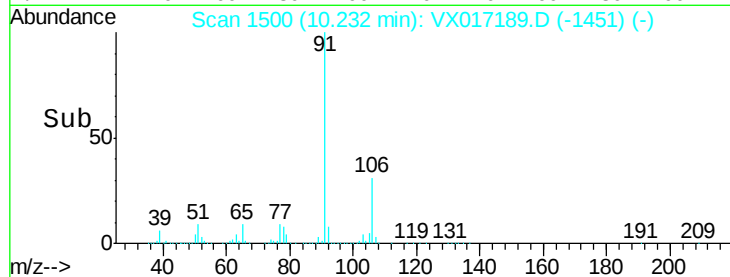
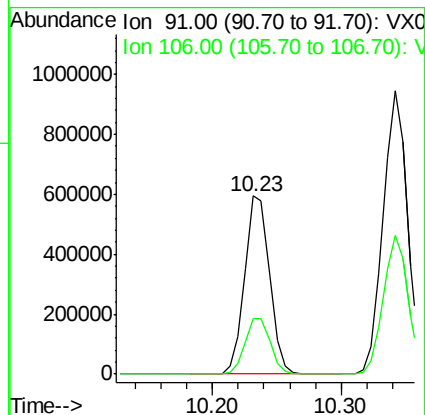
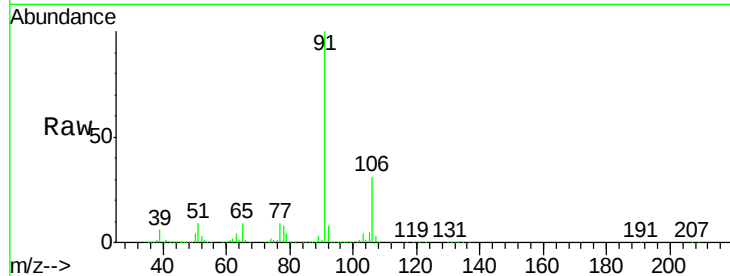
106 30.9 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.055 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017189.D

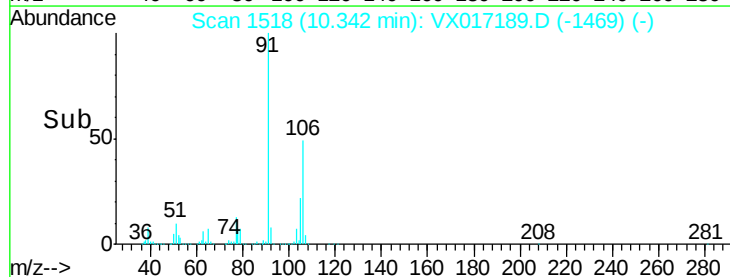
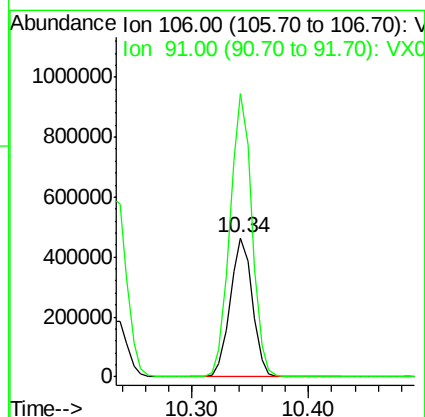
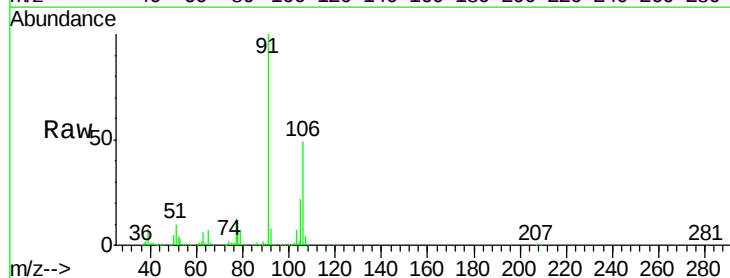
Acq: 06 Jul 2020 23:14

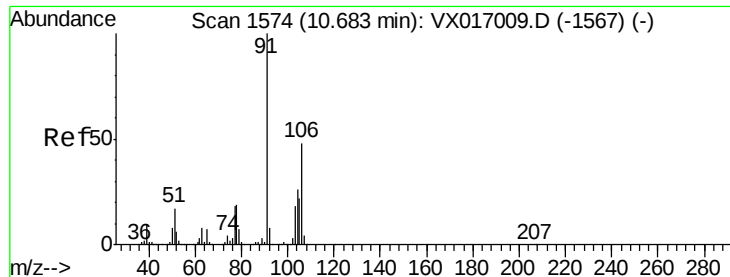
Tgt Ion: 106 Resp: 613228

Ion Ratio Lower Upper

106 100

91 202.1 158.6 238.0





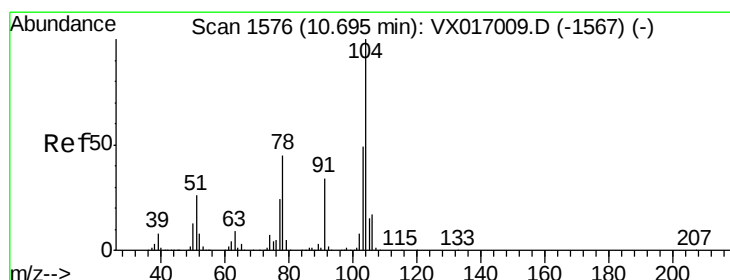
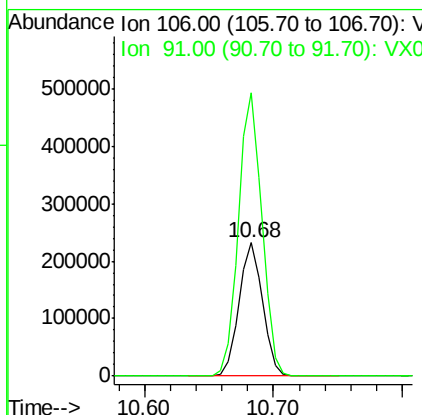
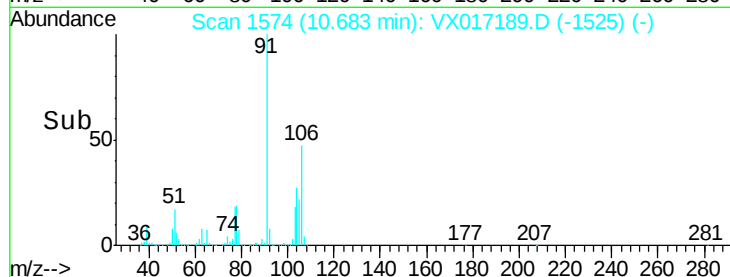
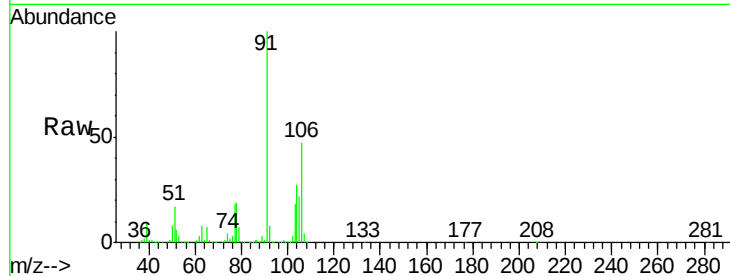
#69
o-Xylene
Concen: 49.943 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 294131
Ion Ratio Lower Upper
106 100
91 211.6 105.6 316.7

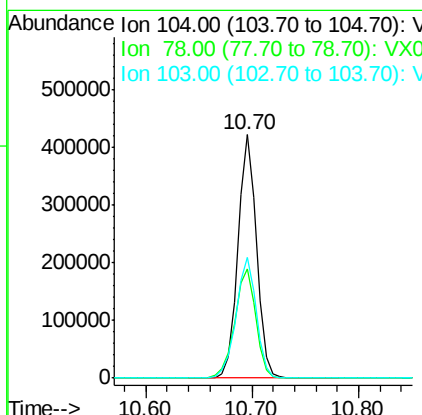
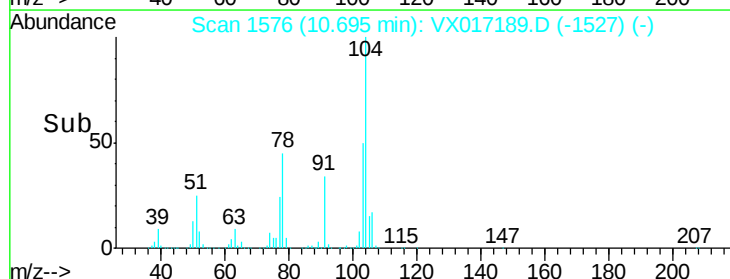
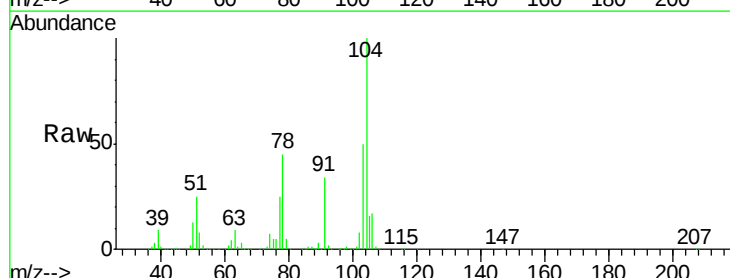
Manual Integrations
APPROVED

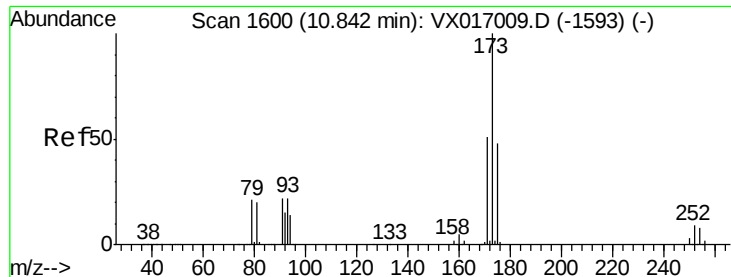
MMDadoda
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#70
Styrene
Concen: 51.666 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion:104 Resp: 518152
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 54.1 43.0 64.6





#71

Bromoform

Concen: 55.315 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 163208

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

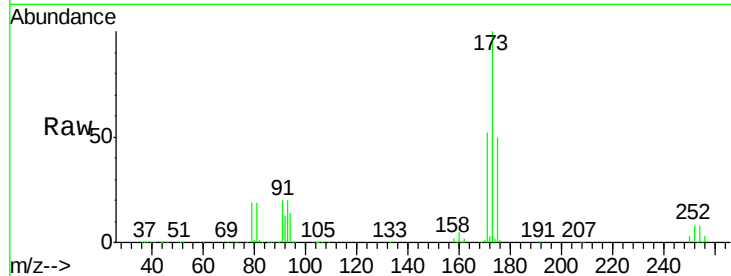
254 0.1 0.1 0.1

Manual Integrations

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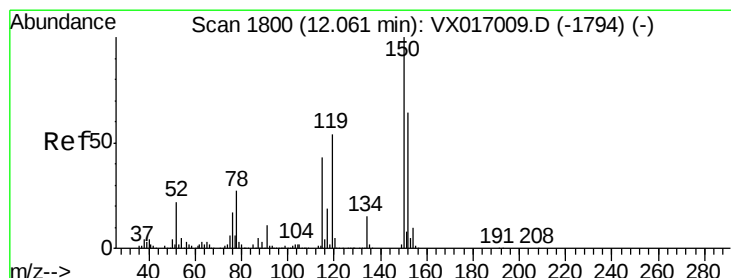
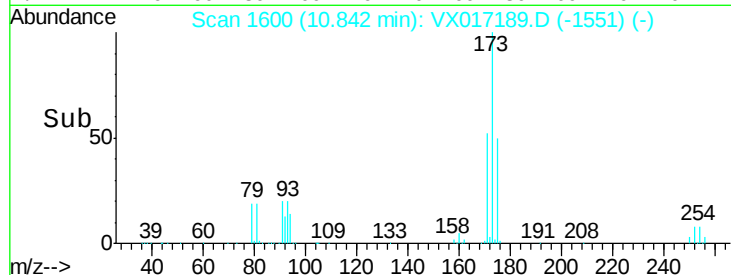
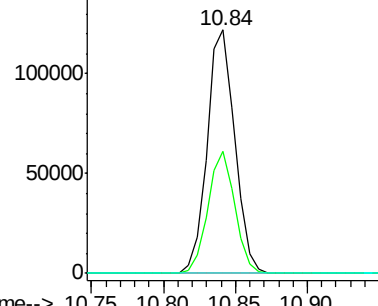
7/7/2020 12:24:48 PM



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: VX017189.D

Acq: 06 Jul 2020 23:14

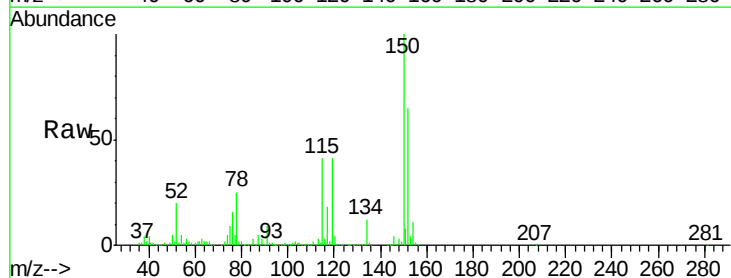
Tgt Ion:152 Resp: 255077

Ion Ratio Lower Upper

152 100

115 78.8 40.9 122.7

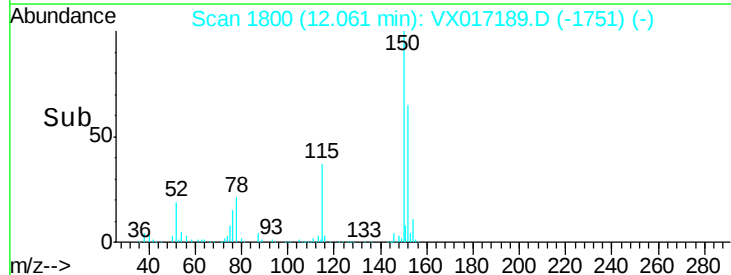
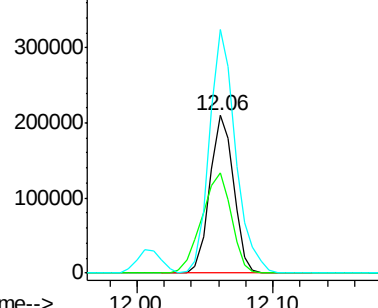
150 169.2 0.0 351.6

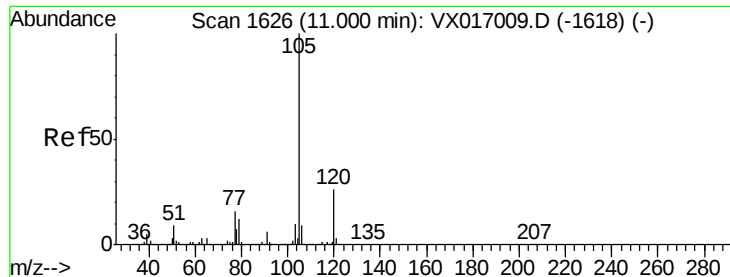


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.853 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 799525

Ion Ratio Lower Upper

105 100

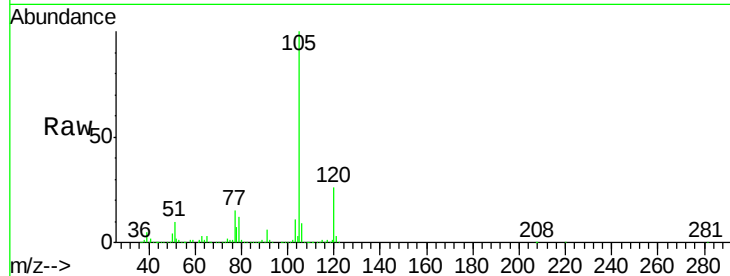
120 27.0 13.4 40.2

Manual Integrations

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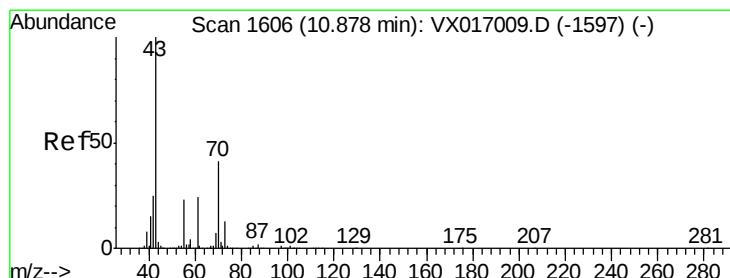
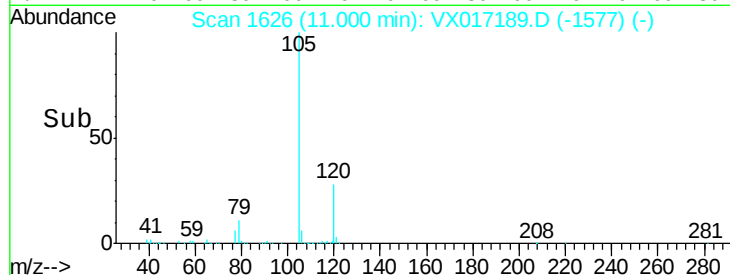
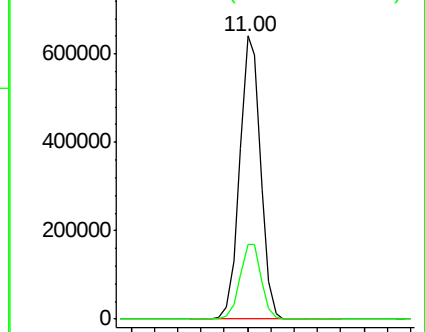
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.866 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion: 43 Resp: 341242

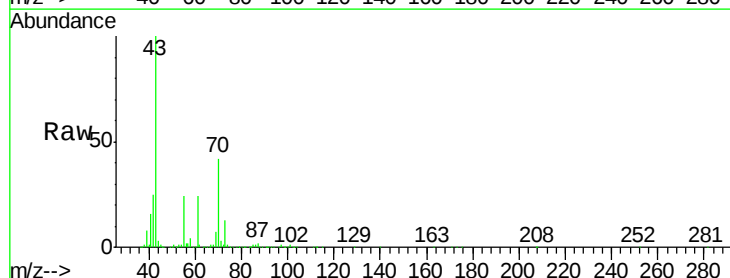
Ion Ratio Lower Upper

43 100

70 43.8 34.2 51.2

55 24.5 19.2 28.8

61 25.3 19.6 29.4

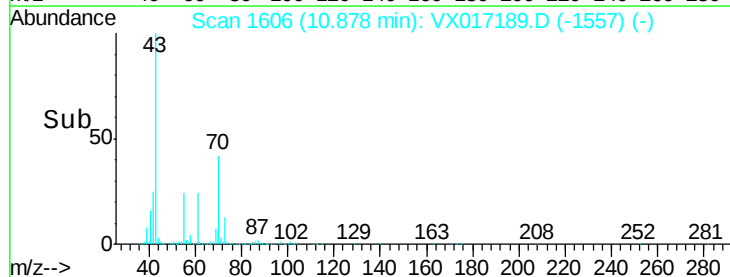
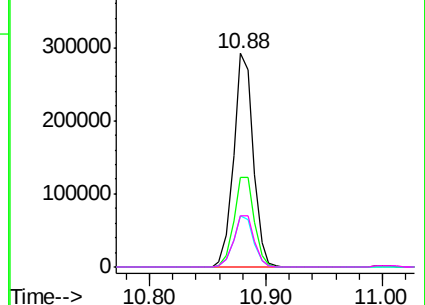


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.343 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

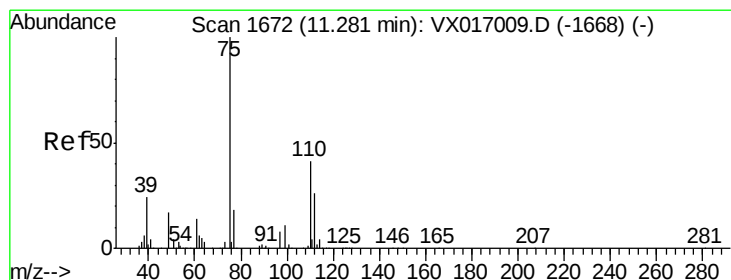
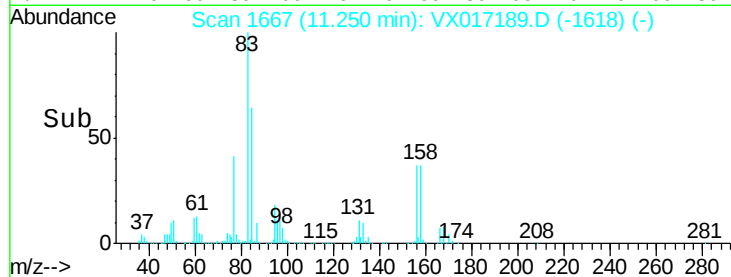
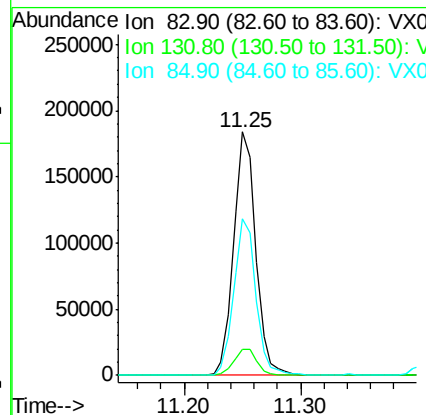
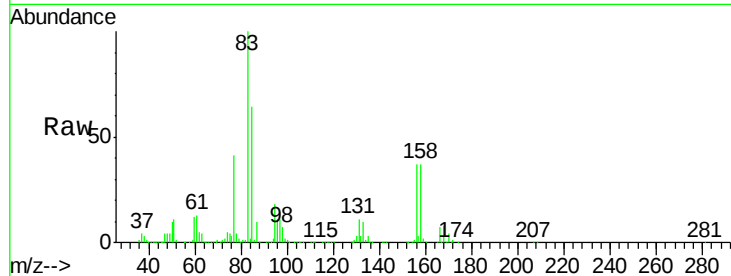
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	243560
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.4	16.2
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.082 ug/l m

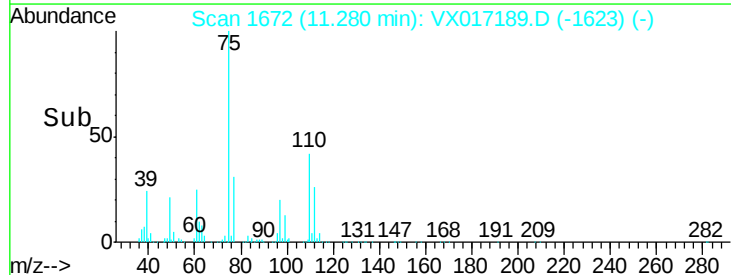
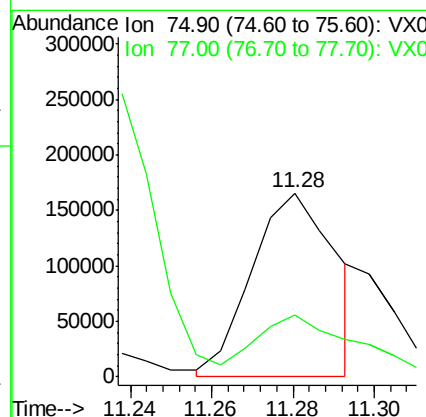
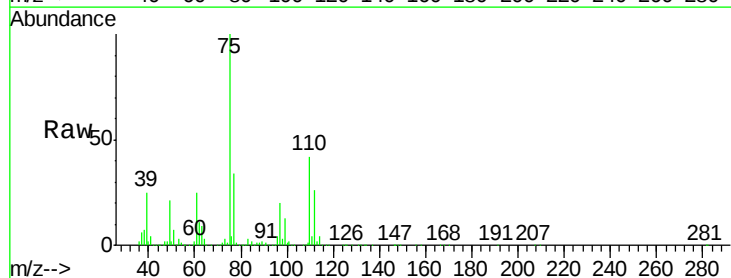
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion:	75	Resp:	236159
Ion Ratio	Lower	Upper	
75	100		
77	40.6	20.2	60.6





#77

Bromobenzene

Concen: 47.586 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

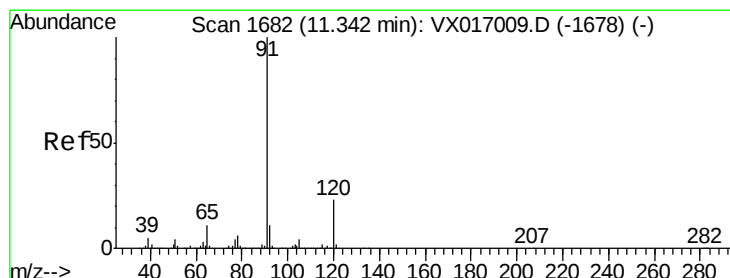
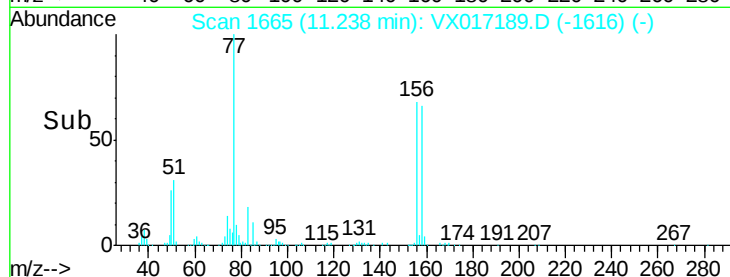
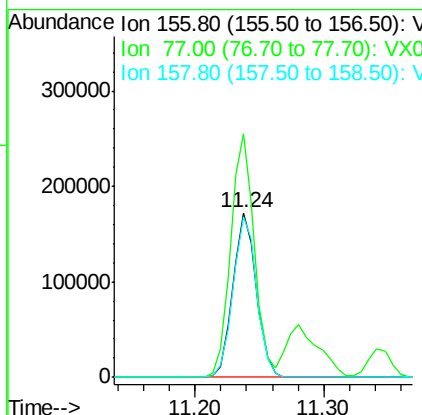
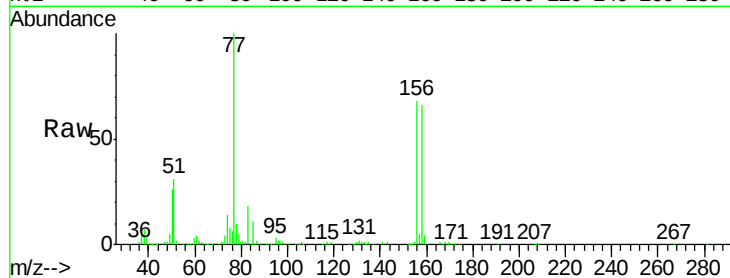
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	218510
Ion Ratio	Lower	Upper	
156	100		
77	149.7	76.9	230.7
158	98.5	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 47.787 ug/l

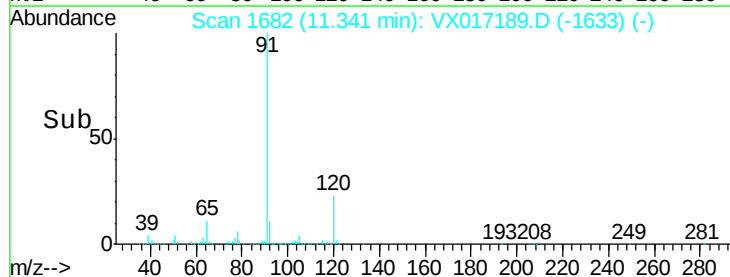
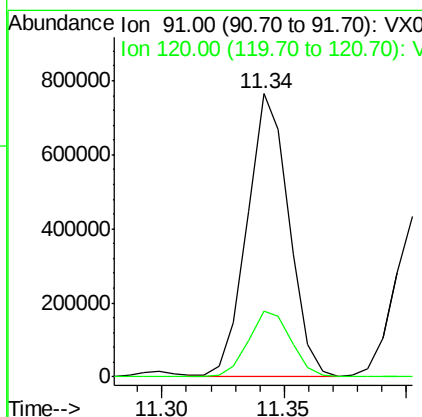
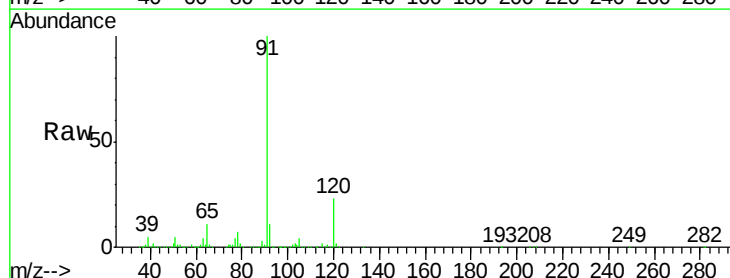
RT: 11.34 min Scan# 1682

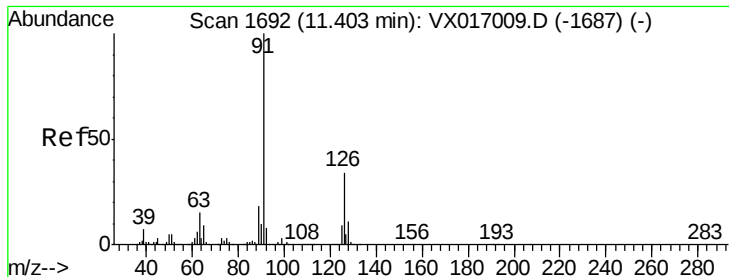
Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion:	91	Resp:	902865
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.9	35.9





#79

2-Chlorotoluene

Concen: 48.107 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 550088

Ion Ratio Lower Upper

91 100

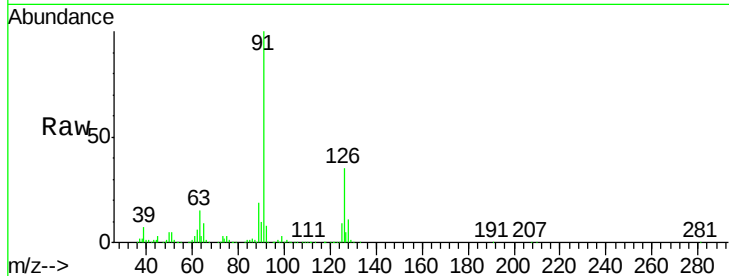
126 35.2 17.4 52.3

Manual Integrations

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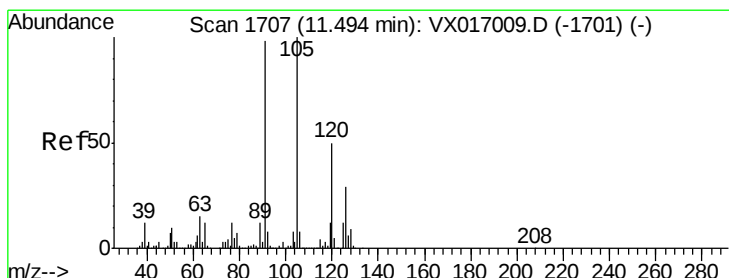
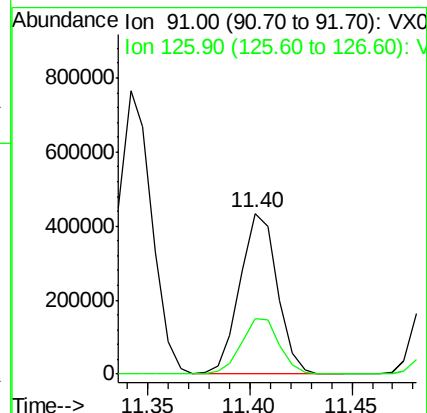
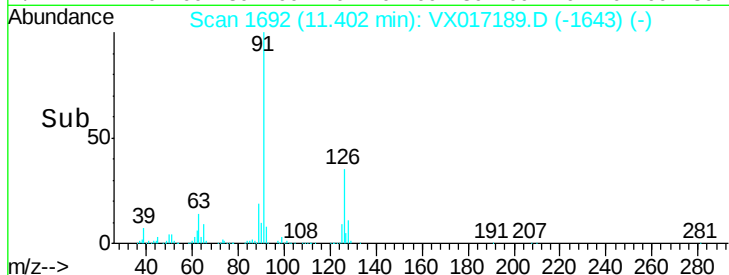
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Abundance Ion 91.00 (90.70 to 91.70): VX017189.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX017189.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.320 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017189.D

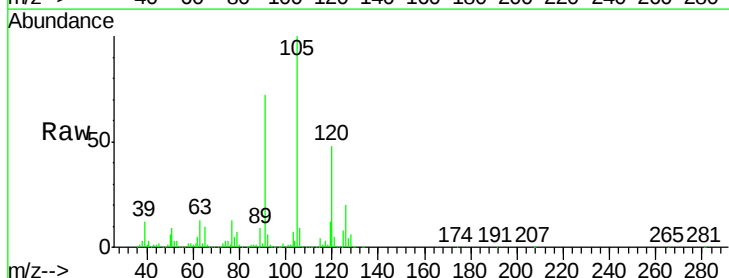
Acq: 06 Jul 2020 23:14

Tgt Ion: 105 Resp: 683512

Ion Ratio Lower Upper

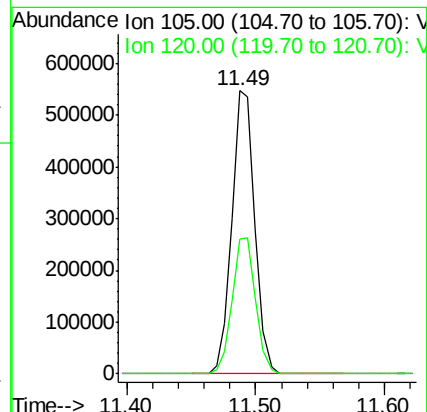
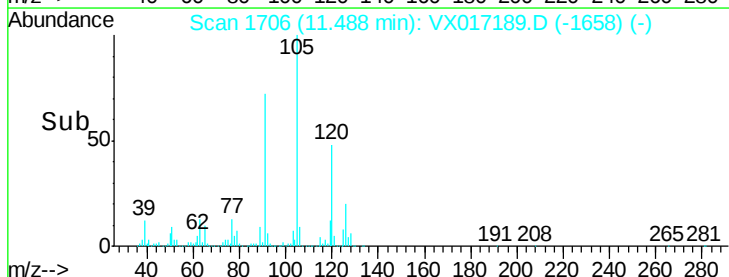
105 100

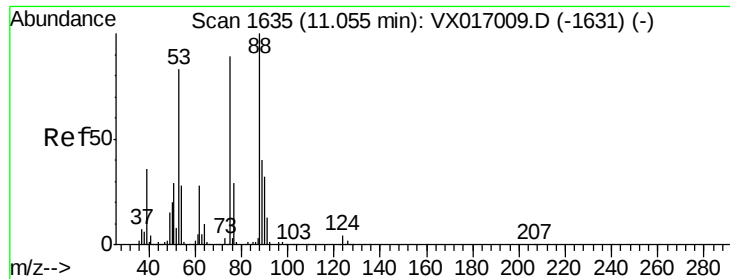
120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017189.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX017189.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.560 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 86310

Ion Ratio Lower Upper

75 100

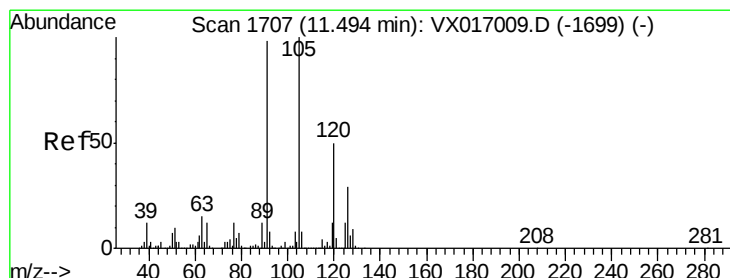
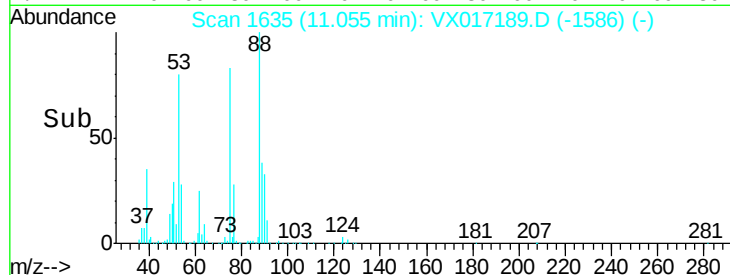
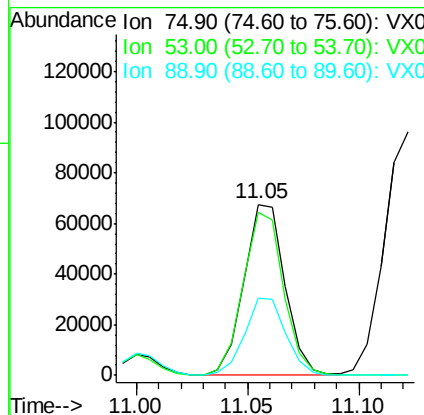
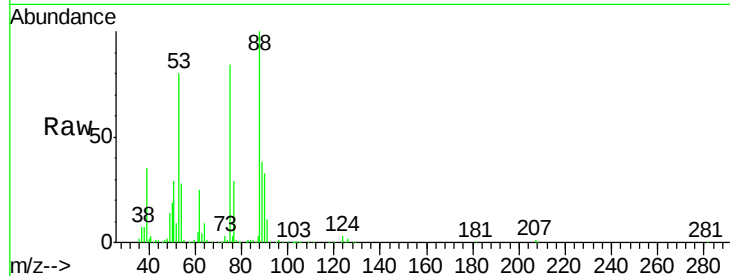
53 94.3 72.4 108.6

89 45.7 37.0 55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.784 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017189.D

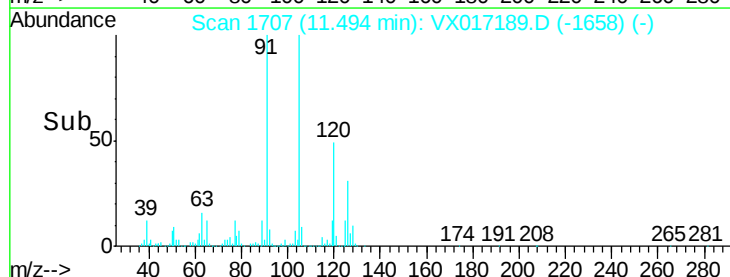
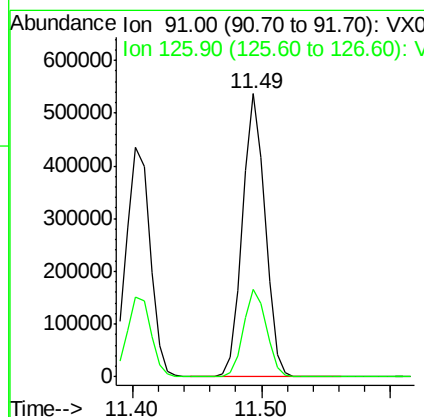
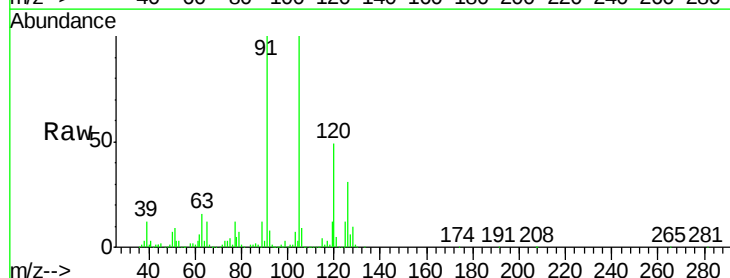
Acq: 06 Jul 2020 23:14

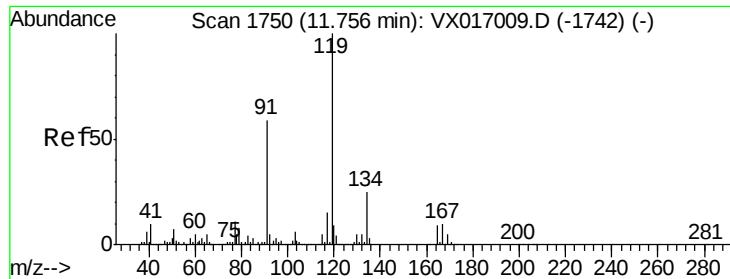
Tgt Ion: 91 Resp: 653187

Ion Ratio Lower Upper

91 100

126 31.1 15.2 45.5





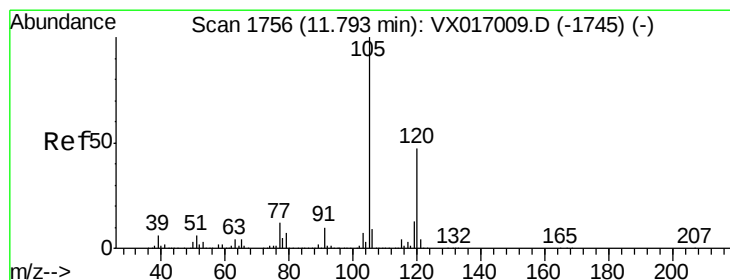
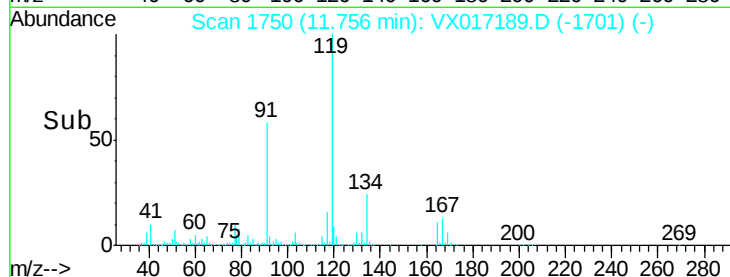
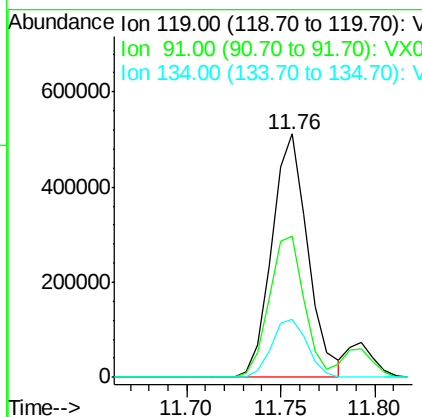
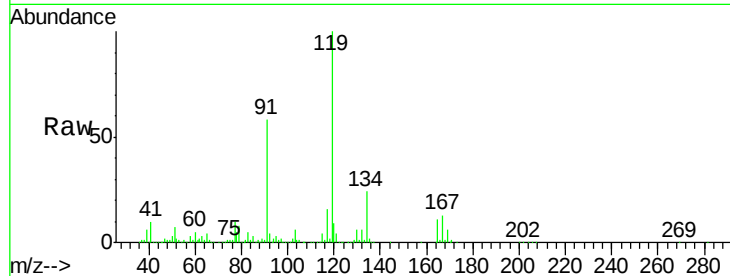
#83
tert-Butylbenzene
Concen: 49.593 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.6	28.3	84.9
134	23.8	11.7	35.1

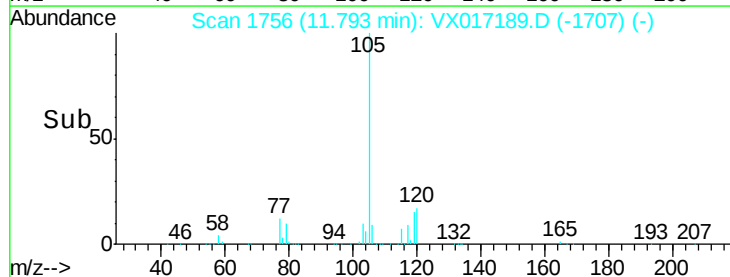
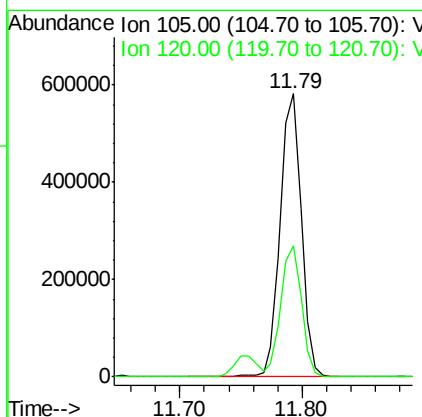
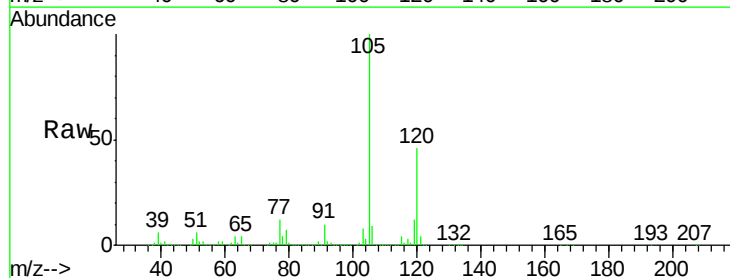
Manual Integrations
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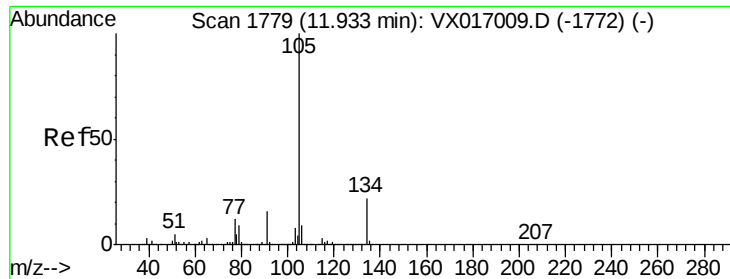
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#84
1,2,4-Trimethylbenzene
Concen: 49.896 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.5





#85

sec-Butylbenzene

Concen: 48.455 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 774874

Ion Ratio Lower Upper

105 100

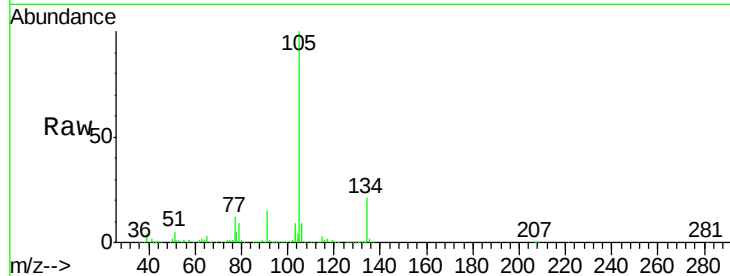
134 20.9 10.5 31.6

Manual Integrations

APPROVED

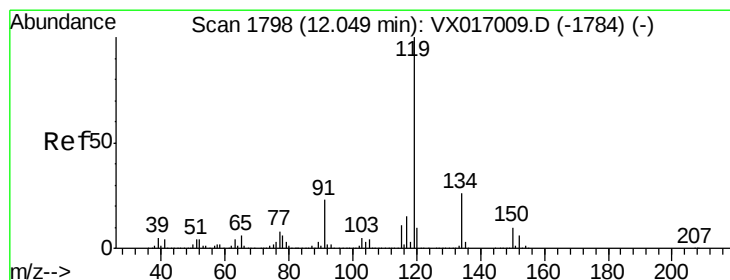
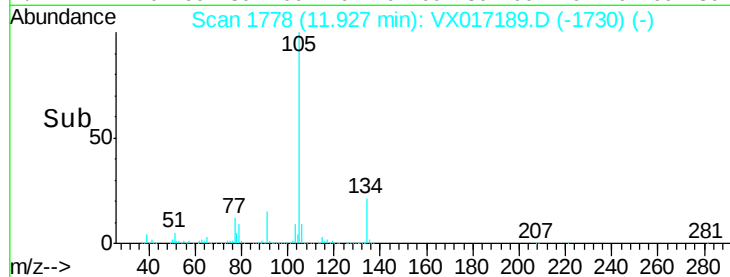
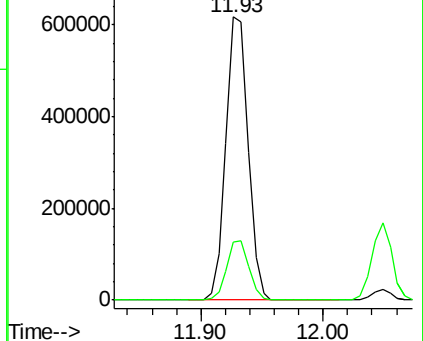
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.268 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

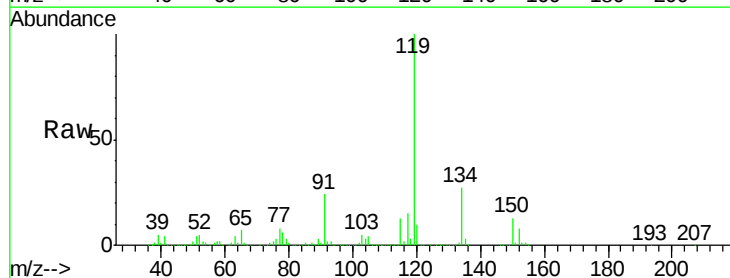
Tgt Ion:119 Resp: 718560

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

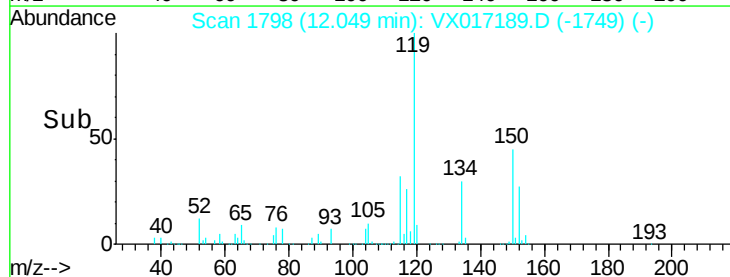
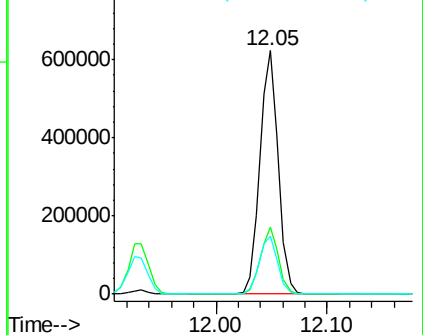
91 24.0 11.8 35.4

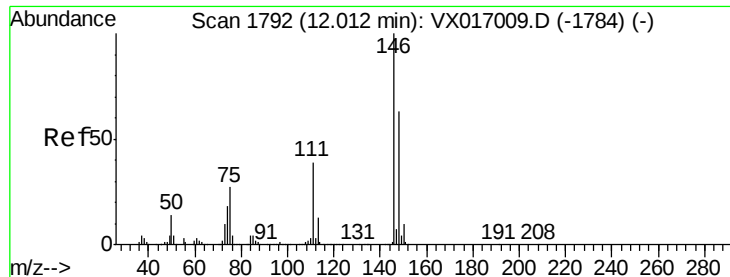


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





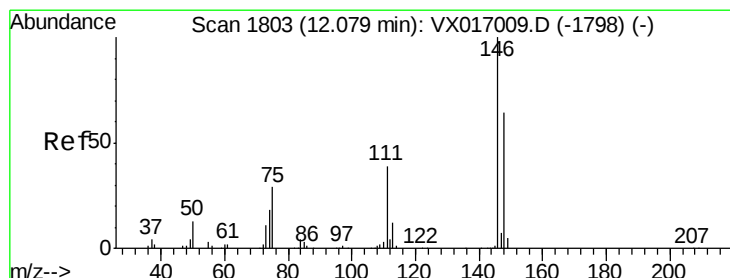
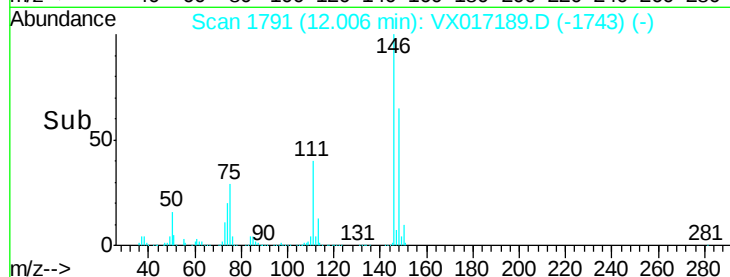
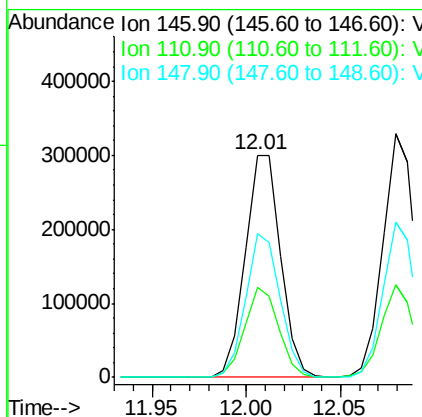
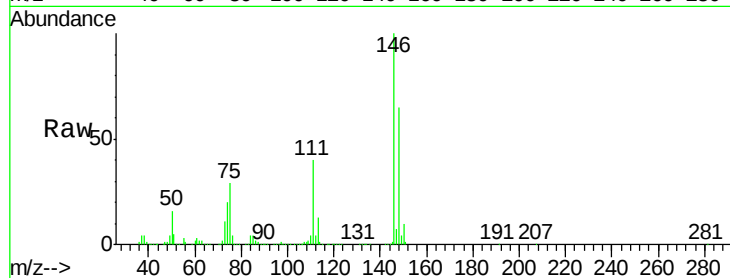
#87
 1,3-Dichlorobenzene
 Concen: 46.920 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.4	61.2
148	62.8	32.5	97.5

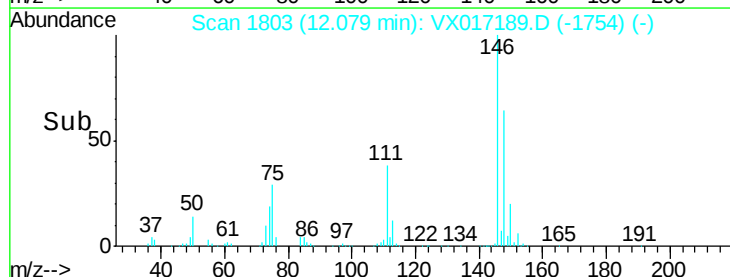
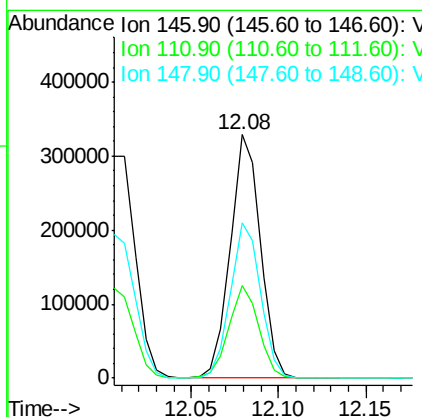
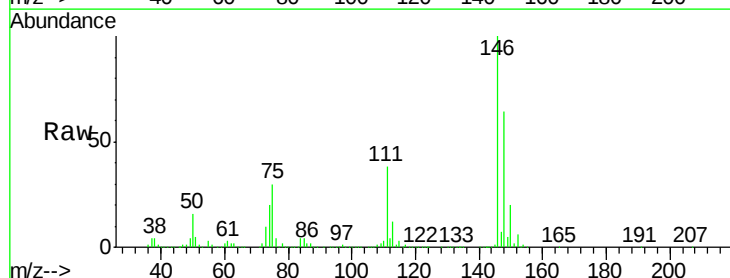
Manual Integrations
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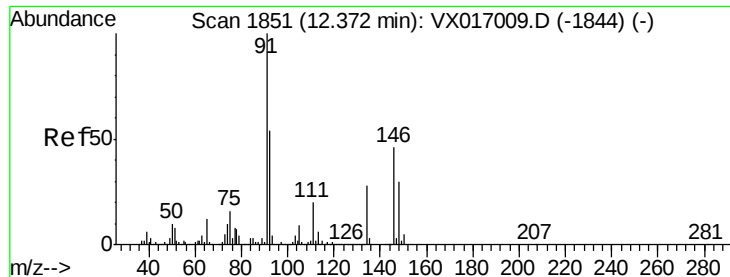
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#88
 1,4-Dichlorobenzene
 Concen: 50.037 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.5	58.5
148	63.9	31.9	95.7





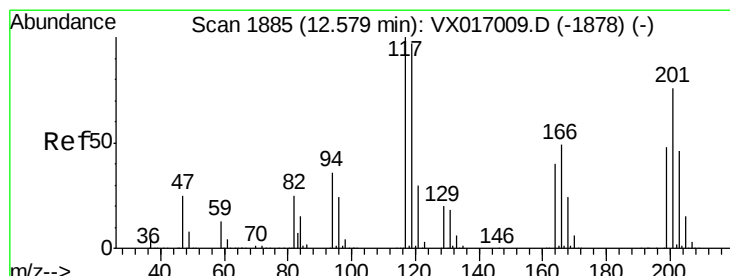
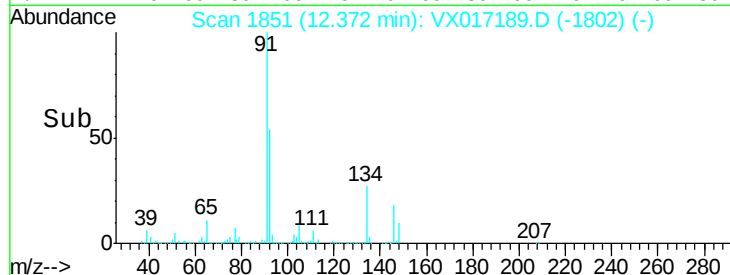
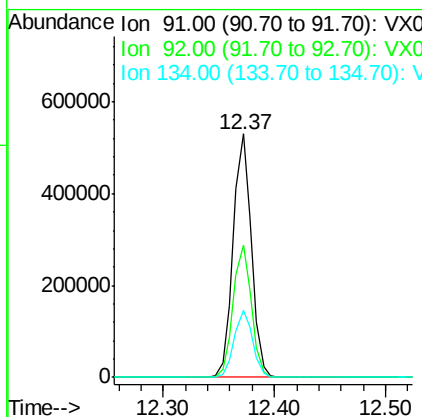
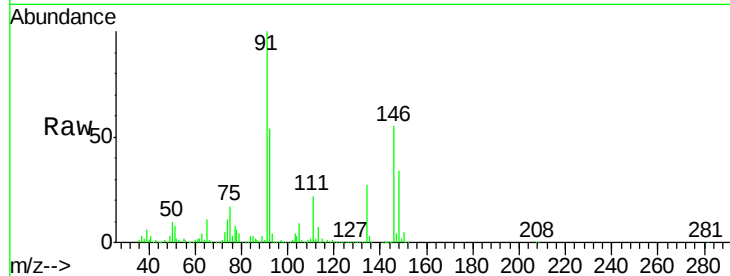
#89
n-Butylbenzene
Concen: 44.866 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.6
134	27.9	13.6	40.7

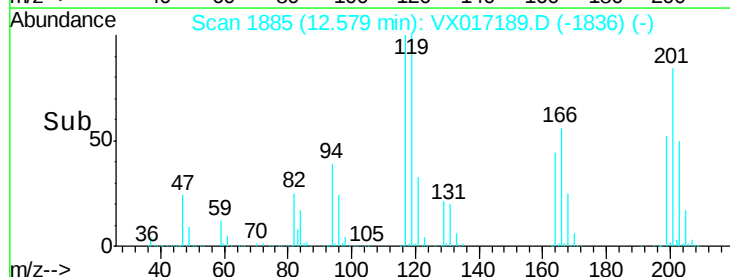
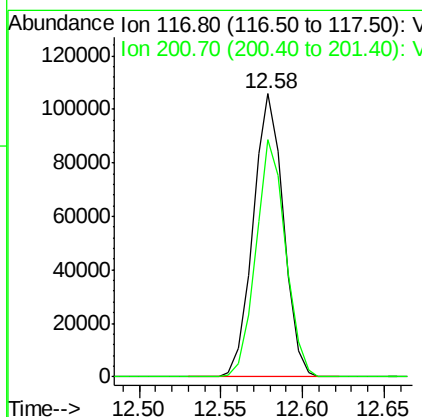
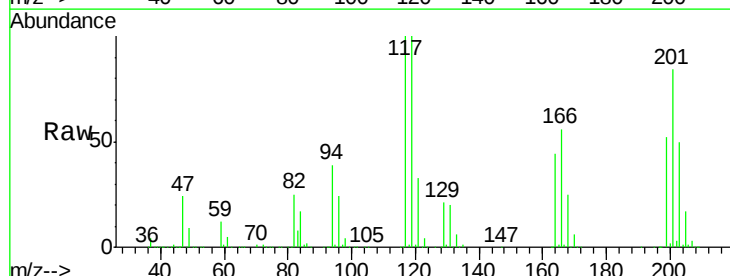
Manual Integrations
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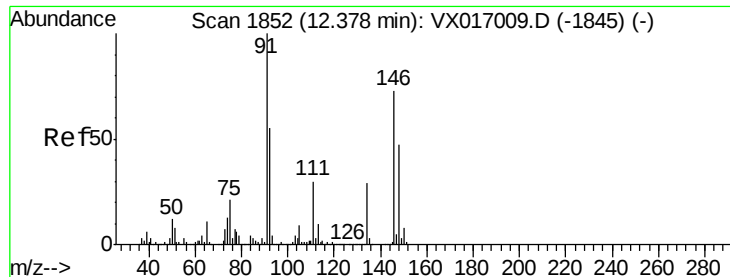
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#90
Hexachloroethane
Concen: 46.514 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.8	39.4	118.2





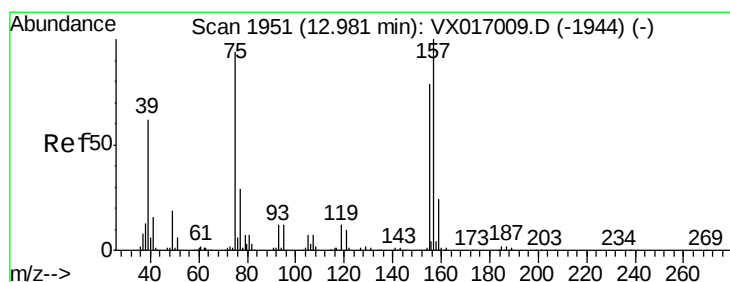
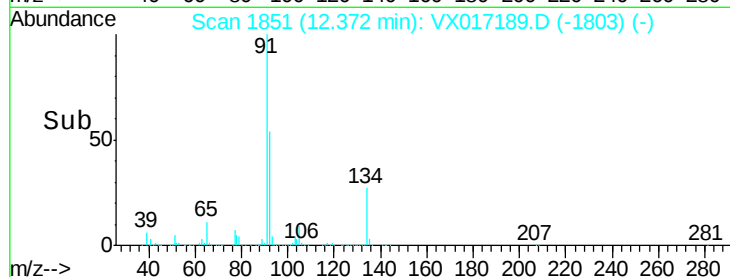
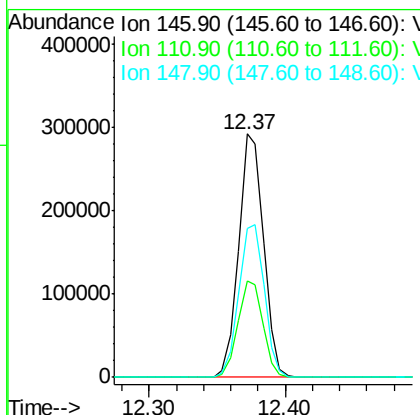
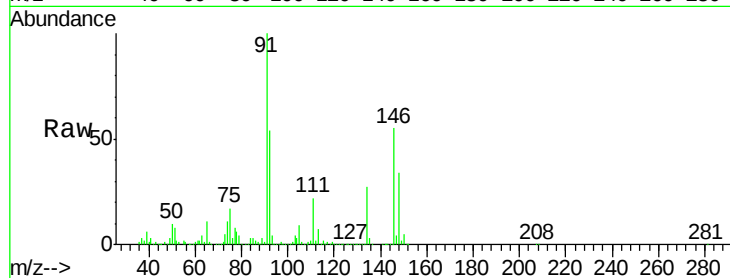
#91
 1,2-Dichlorobenzene
 Concen: 47.631 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.6	61.9
148	64.4	32.4	97.2

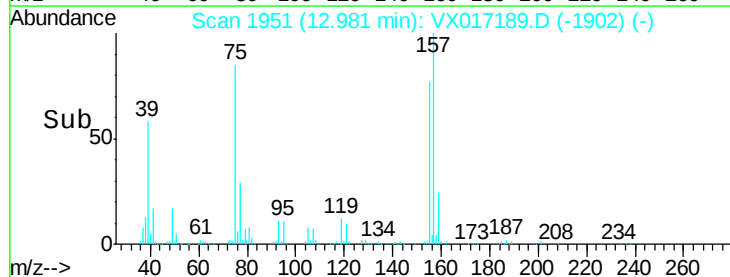
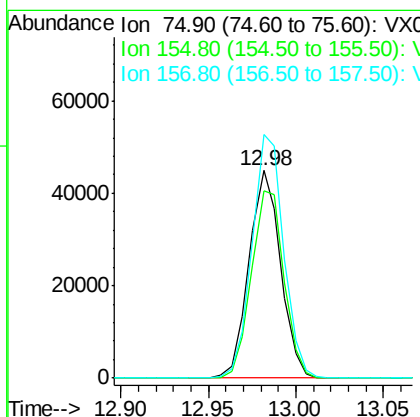
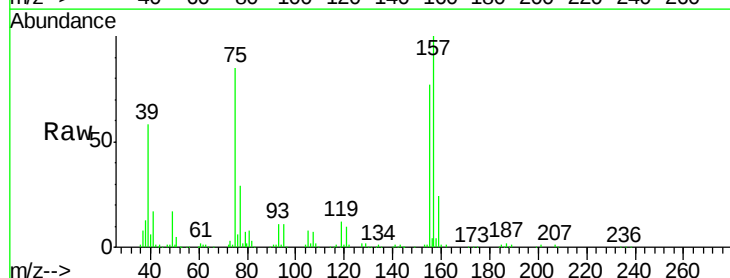
Manual Integrations
 APPROVED

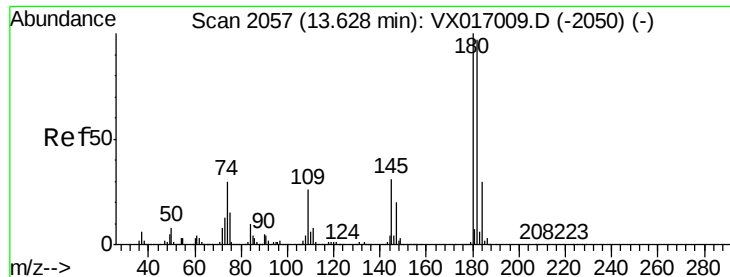
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 7/7/2020 12:24:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.111 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	45.1	135.2
157	117.0	56.5	169.3





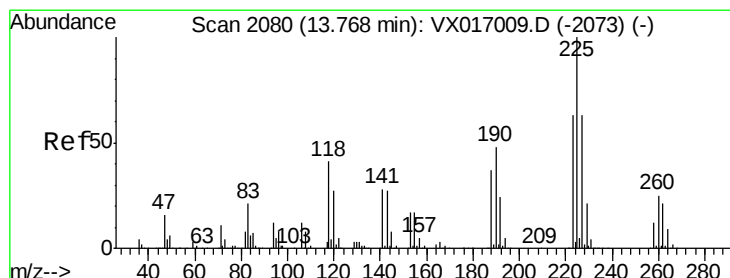
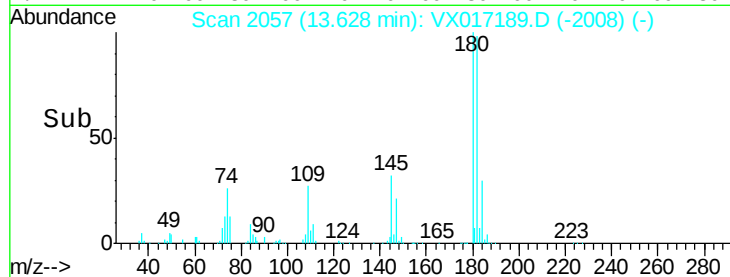
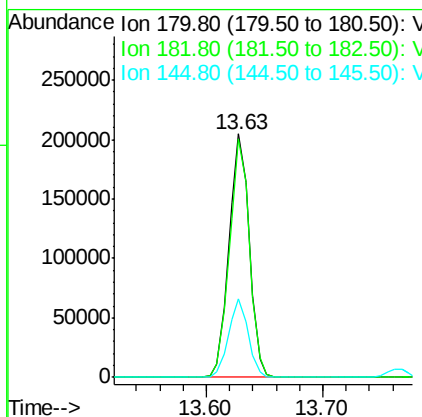
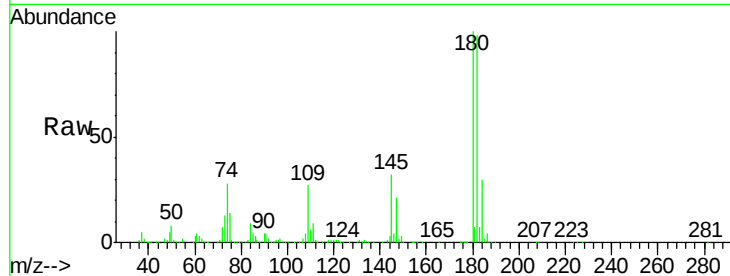
#93
 1,2,4-Trichlorobenzene
 Concen: 46.490 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	247367		
182	97.0	47.3	141.9	
145	31.1	15.4	46.2	

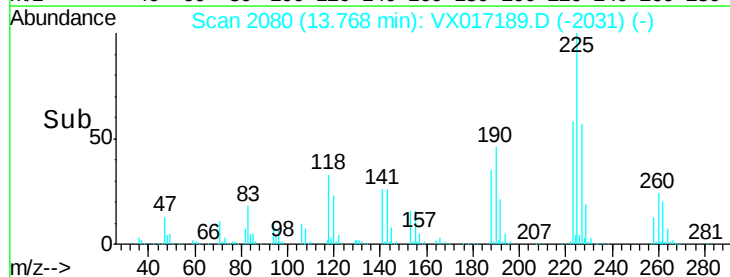
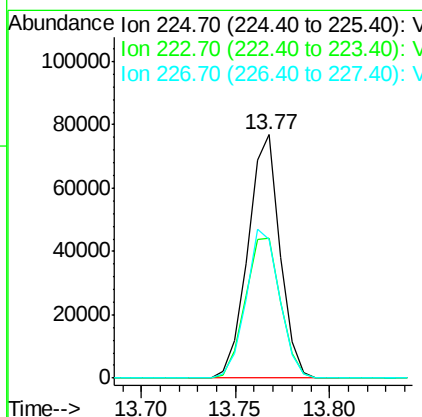
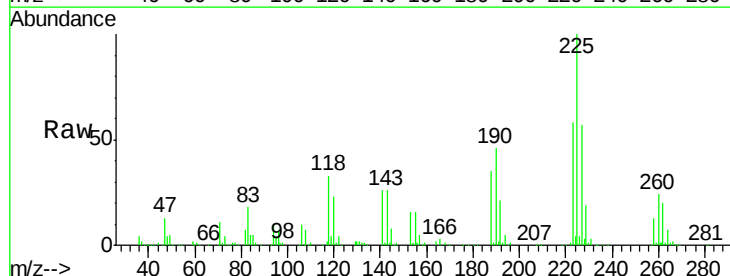
Manual Integrations
 APPROVED

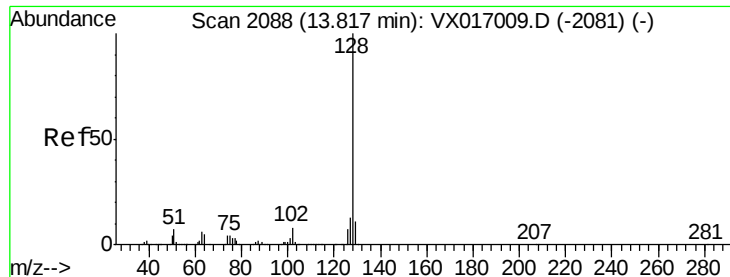
MMDadoda
 7/7/2020 12:24:48 PM



#94
 Hexachlorobutadiene
 Concen: 44.828 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90345		
223	63.6	32.5	97.5	
227	63.8	33.1	99.2	





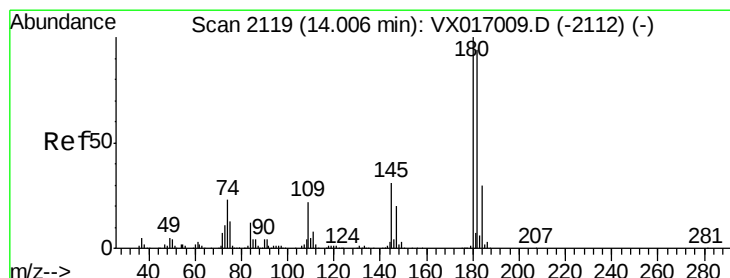
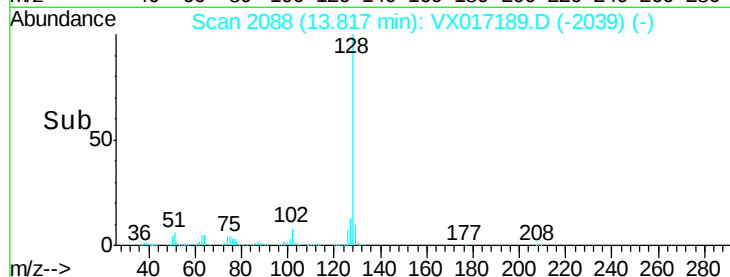
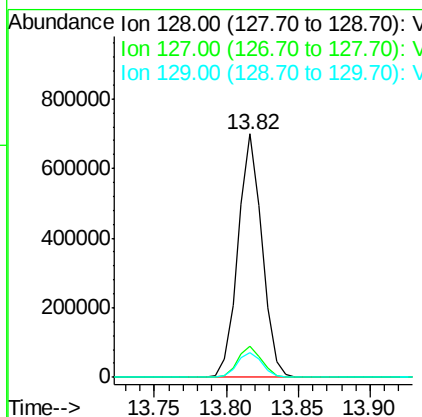
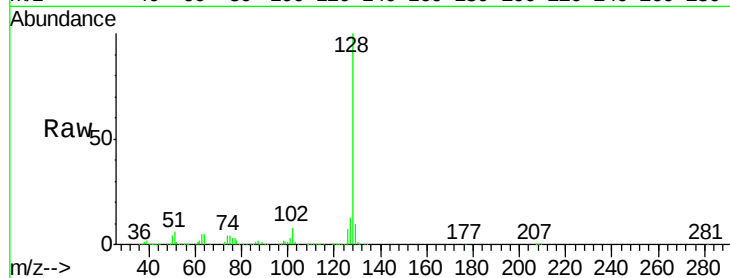
#95
Naphthalene
Concen: 50.116 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/7/2020 12:24:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.047 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.1	141.4
145	31.6	16.6	49.7

