

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018020.D
 Acq On : 20 Aug 2020 06:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:54 AM

Quant Time: Aug 20 06:35:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	467201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	741978	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	712365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	388594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	318437	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	5.47	113	247814	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	
50) Toluene-d8	8.70	98	905389	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.12	95	363107	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	328324	46.574	ug/l	96
3) Chloromethane	1.31	50	276518	43.278	ug/l	99
4) Vinyl Chloride	1.39	62	278827	42.504	ug/l	99
5) Bromomethane	1.62	94	183285	51.261	ug/l	98
6) Chloroethane	1.71	64	161150	45.992	ug/l	99
7) Trichlorofluoromethane	1.92	101	455135	46.520	ug/l	100
8) Diethyl Ether	2.17	74	125066	43.862	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	189361	41.153	ug/l	99
10) Methyl Iodide	2.49	142	255056	42.984	ug/l	100
11) Tert butyl alcohol	3.01	59	287814	217.657	ug/l	99
12) 1,1-Dichloroethene	2.36	96	174748	41.497	ug/l	90
13) Acrolein	2.28	56	143763	205.812	ug/l	98
14) Allyl chloride	2.71	41	347507	46.269	ug/l	99
15) Acrylonitrile	3.12	53	684156	236.911	ug/l	100
16) Acetone	2.42	43	609310	226.139	ug/l	98
17) Carbon Disulfide	2.55	76	483861	47.357	ug/l	99
18) Methyl Acetate	2.75	43	328518	48.454	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	816533	50.716	ug/l	98
20) Methylene Chloride	2.83	84	232290	46.793	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	212211	49.018	ug/l	96
22) Diisopropyl ether	3.83	45	817853	51.946	ug/l	96
23) Vinyl Acetate	3.79	43	2934698	243.912	ug/l	99
24) 1,1-Dichloroethane	3.67	63	429572	49.218	ug/l	97
25) 2-Butanone	4.64	43	952403	233.483	ug/l	95
26) 2,2-Dichloropropane	4.55	77	246530	31.018	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	257790	50.479	ug/l	95
28) Bromochloromethane	4.98	49	213700	47.379	ug/l	100
29) Tetrahydrofuran	5.09	42	605650	239.067	ug/l	99
30) Chloroform	5.18	83	463973	48.636	ug/l	99
31) Cyclohexane	5.55	56	373810	52.817	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	423112	48.891	ug/l	100
36) 1,1-Dichloropropene	5.77	75	297845	47.959	ug/l	100
37) Ethyl Acetate	4.79	43	334077	44.960	ug/l	99
38) Carbon Tetrachloride	5.76	117	383293	47.688	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	357610	45.042	ug/l	96
40) Benzene	6.12	78	899929	48.111	ug/l	99
41) Methacrylonitrile	5.01	41	202756	47.607	ug/l	98
42) 1,2-Dichloroethane	6.17	62	380581	47.899	ug/l	100
43) Isopropyl Acetate	6.42	43	567921	47.346	ug/l	99
44) Trichloroethene	7.19	130	261679	47.174	ug/l	94
45) 1,2-Dichloropropane	7.49	63	253000	47.207	ug/l	99
46) Dibromomethane	7.63	93	179268	47.927	ug/l	96
47) Bromodichloromethane	7.88	83	389924	48.020	ug/l	98
48) Methyl methacrylate	7.74	41	293844	49.414	ug/l	99
49) 1,4-Dioxane	7.71	88	101475	833.534	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1914826	237.093	ug/l	99
52) Toluene	8.77	92	592677	48.430	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	392851	45.743	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	404185	45.137	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	267965	47.663	ug/l	98
56) Ethyl methacrylate	9.16	69	396281	49.854	ug/l	98
57) 1,3-Dichloropropane	9.35	76	431486	48.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	877312	227.914	ug/l	99
59) 2-Hexanone	9.48	43	1451424	237.173	ug/l	100
60) Dibromochloromethane	9.57	129	328114	46.729	ug/l	100
61) 1,2-Dibromoethane	9.65	107	282472	45.359	ug/l	98
64) Tetrachloroethene	9.32	164	258956	47.600	ug/l	95
65) Chlorobenzene	10.12	112	698761	49.416	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	293425	49.055	ug/l	98
67) Ethyl Benzene	10.24	91	1192242	51.145	ug/l	100
68) m/p-Xylenes	10.34	106	916669	102.144	ug/l	96
69) o-Xylene	10.68	106	443342	51.230	ug/l	99
70) Styrene	10.70	104	795915	53.309	ug/l	100
71) Bromoform	10.84	173	265821	49.513	ug/l	100
73) Isopropylbenzene	11.00	105	1220221	48.786	ug/l	100
74) N-amyl acetate	10.88	43	534794	48.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	404388	46.346	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	382507m	46.286	ug/l	
77) Bromobenzene	11.24	156	334764	48.241	ug/l	98
78) n-propylbenzene	11.34	91	1408987	48.163	ug/l	100
79) 2-Chlorotoluene	11.40	91	858590	48.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1072081	48.831	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	129566	41.189	ug/l	98
82) 4-Chlorotoluene	11.49	91	1021749	48.734	ug/l	99
83) tert-Butylbenzene	11.76	119	1043435	50.325	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1096977	48.263	ug/l	98
85) sec-Butylbenzene	11.93	105	1210823	48.377	ug/l	100
86) p-Isopropyltoluene	12.05	119	1135874	48.786	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	619446	49.045	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	611350	49.407	ug/l	100
89) n-Butylbenzene	12.37	91	964644	50.060	ug/l	99
90) Hexachloroethane	12.58	117	224634	48.511	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	589491	50.559	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	101940	45.865	ug/l	96

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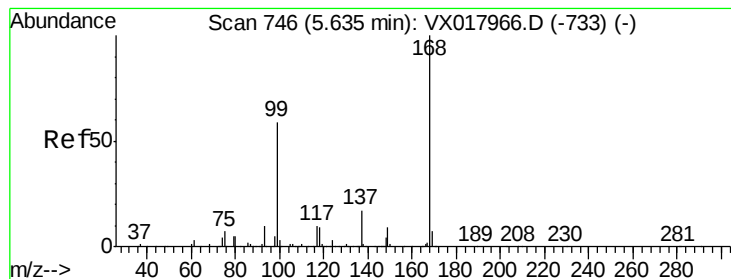
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	384109	50.077	ug/l	99
94) Hexachlorobutadiene	13.77	225	149014	45.523	ug/l	97
95) Naphthalene	13.82	128	1290624	53.305	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	392186	50.282	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 467201

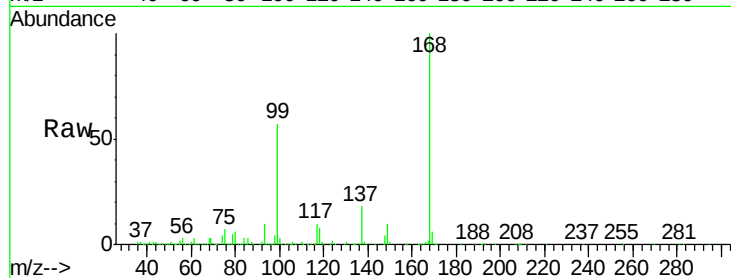
Ion Ratio Lower Upper

168 100

99 57.3 47.4 71.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

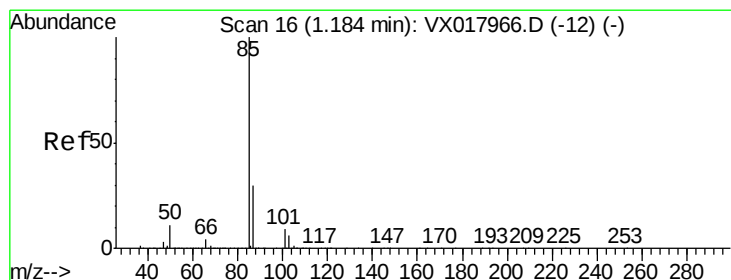
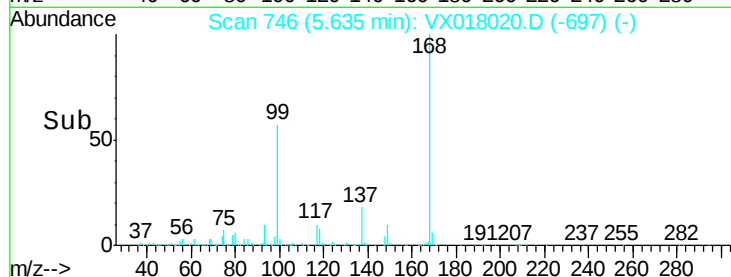
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.574 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018020.D

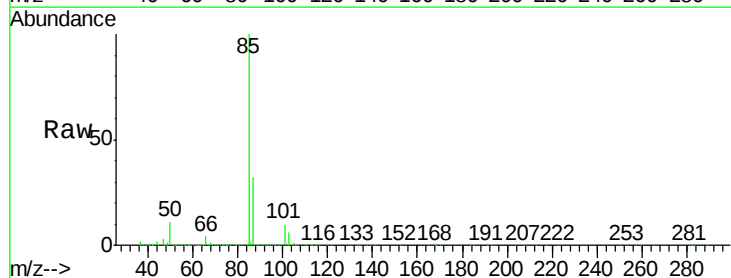
Acq: 20 Aug 2020 06:08

Tgt Ion: 85 Resp: 328324

Ion Ratio Lower Upper

85 100

87 32.5 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

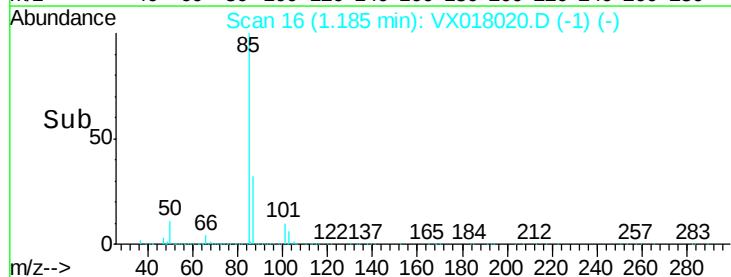
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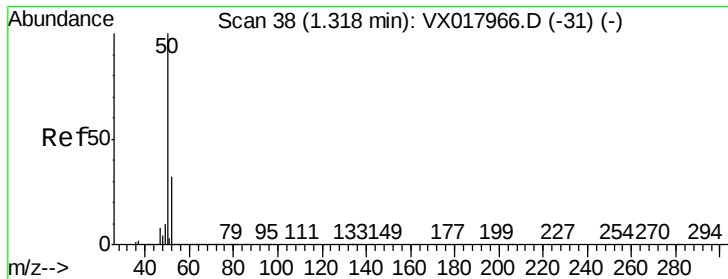
200000

100000

0

Time-->





#3

Chloromethane

Concen: 43.278 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 276518

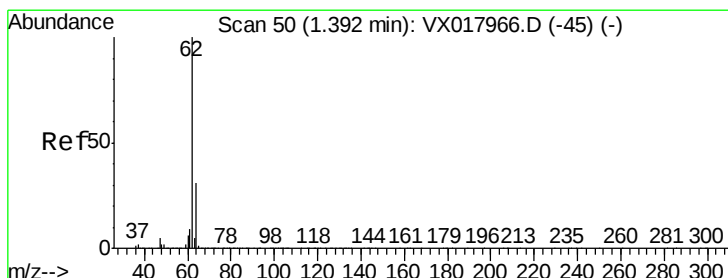
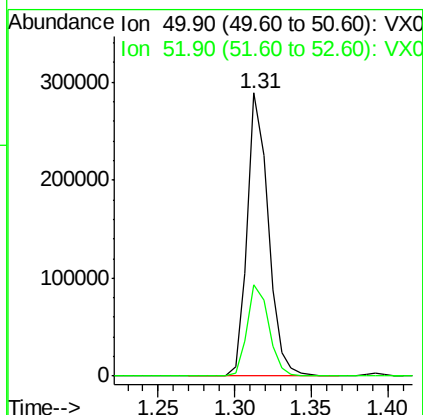
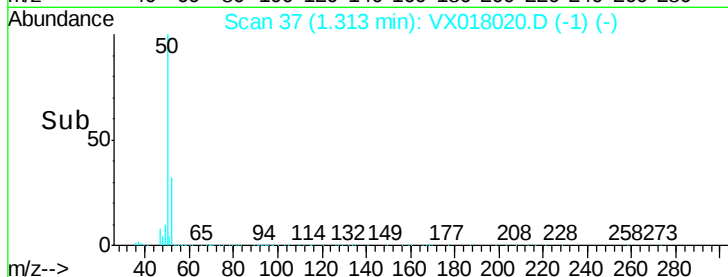
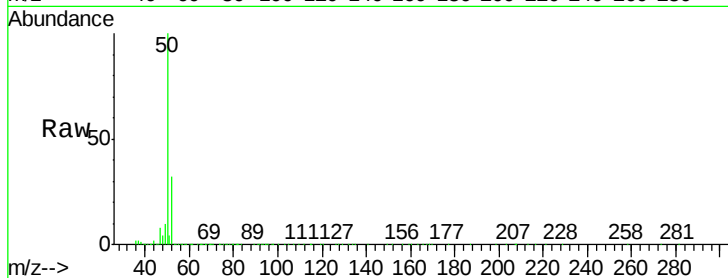
Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.0

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#4

Vinyl Chloride

Concen: 42.504 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018020.D

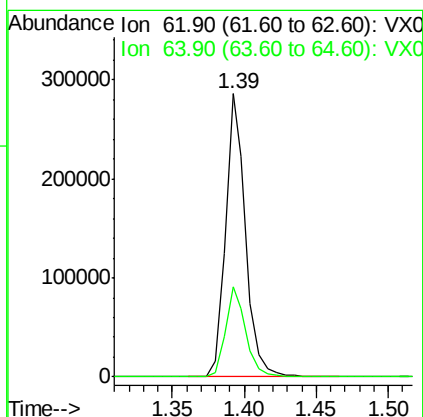
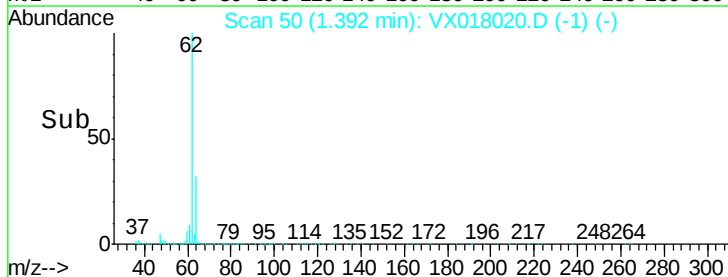
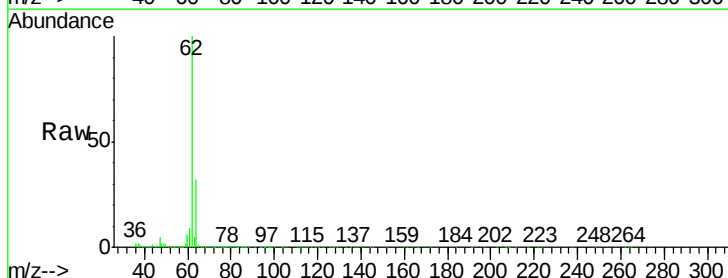
Acq: 20 Aug 2020 06:08

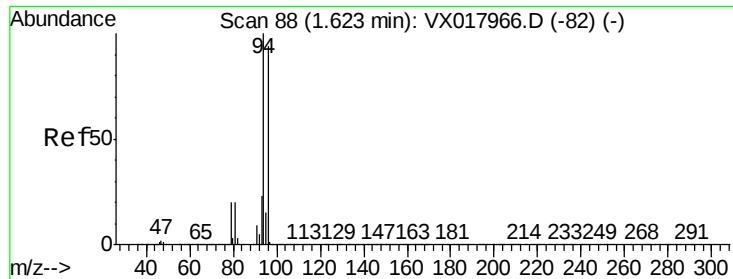
Tgt Ion: 62 Resp: 278827

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 51.261 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 183285

Ion Ratio Lower Upper

94 100

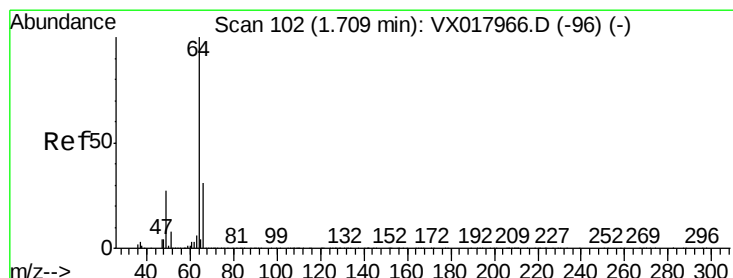
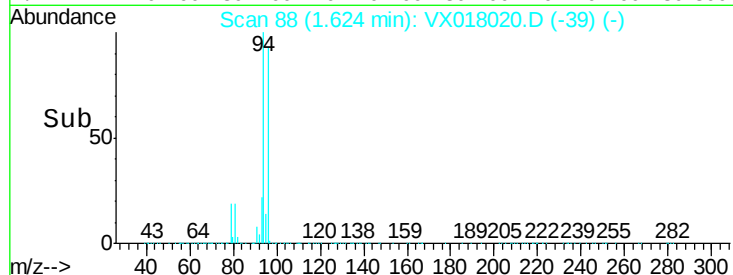
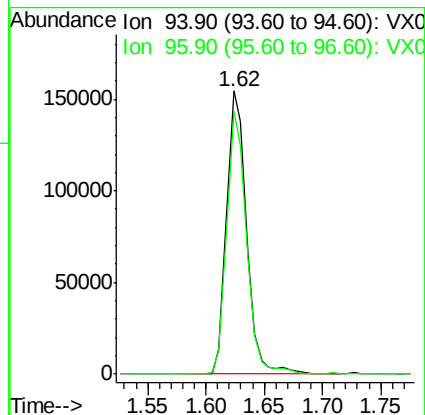
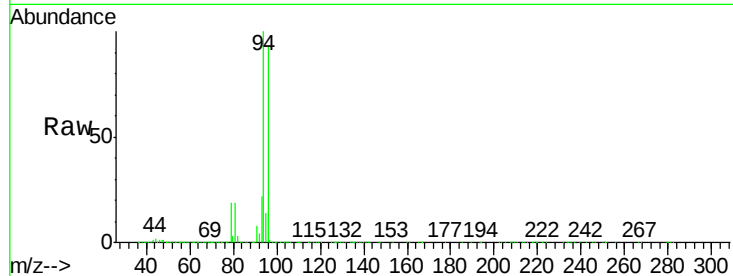
96 92.8 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 45.992 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018020.D

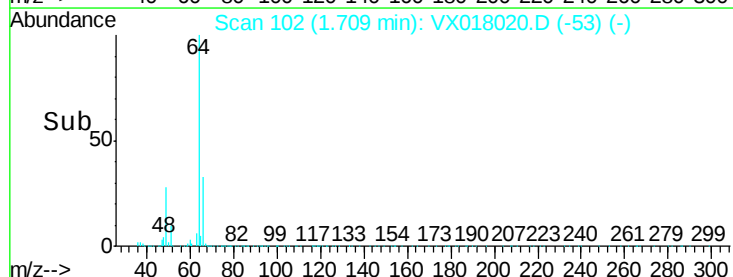
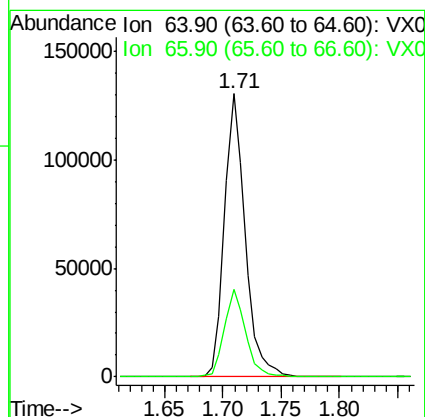
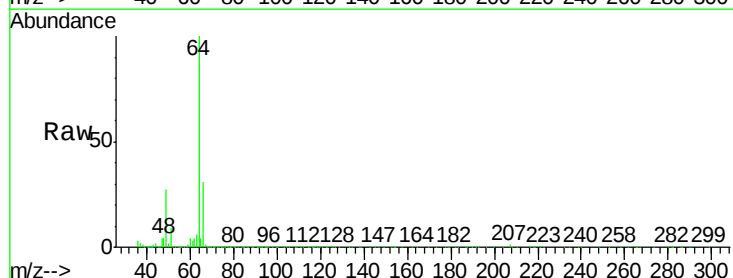
Acq: 20 Aug 2020 06:08

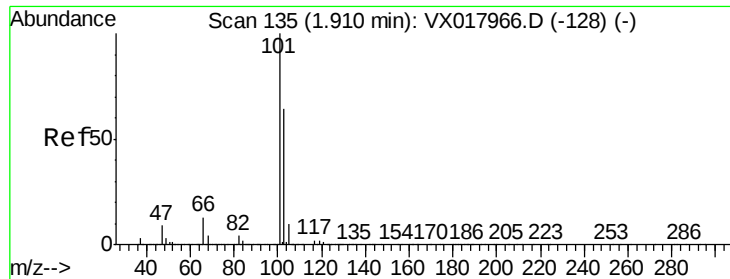
Tgt Ion: 64 Resp: 161150

Ion Ratio Lower Upper

64 100

66 30.8 25.0 37.4





#7

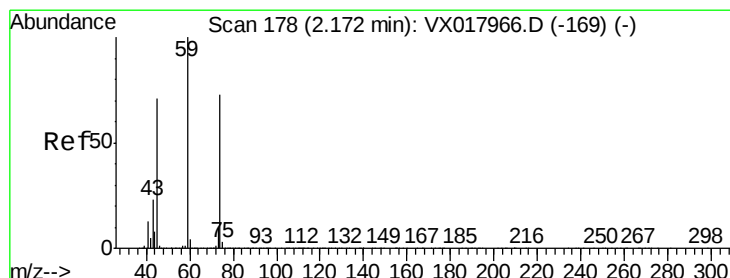
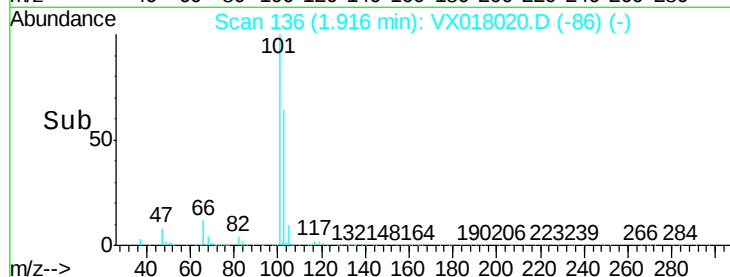
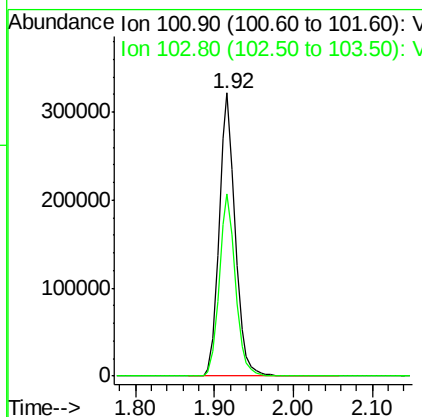
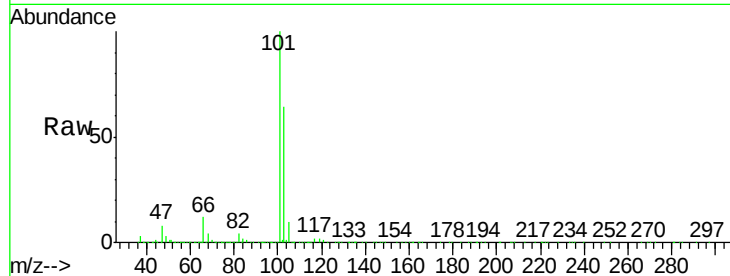
Trichlorofluoromethane
Concen: 46.520 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.2	76.8

Manual Integrations
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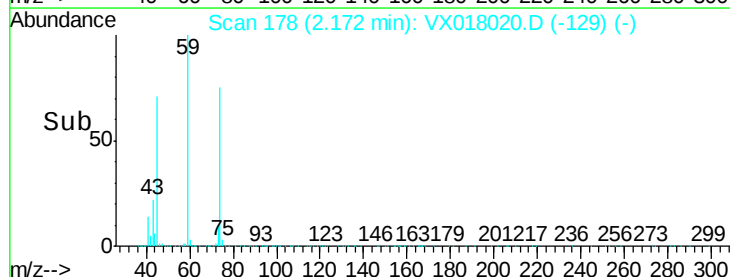
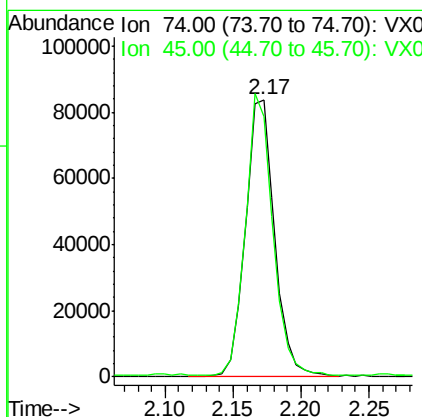
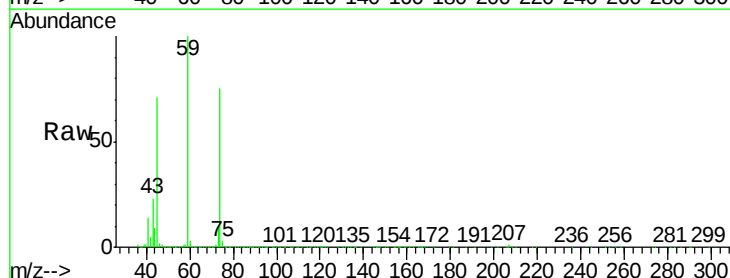
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8/20/2020 9:17:54 AM

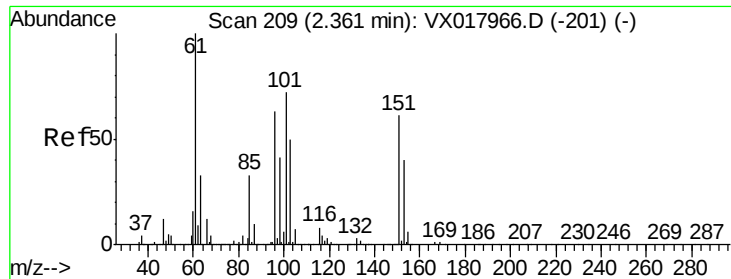


#8

Diethyl Ether
Concen: 43.862 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	50.5	151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.153 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

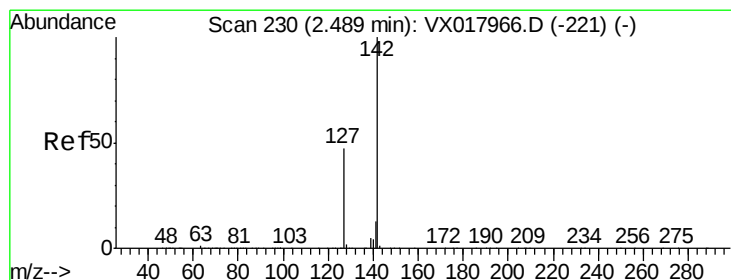
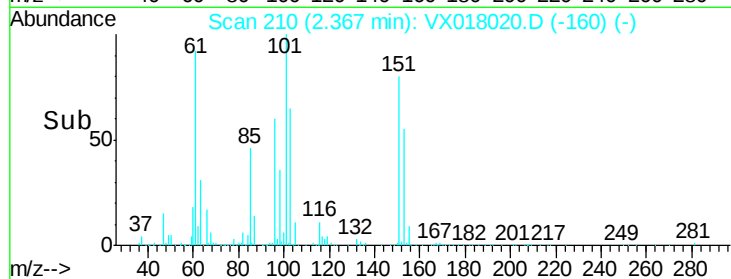
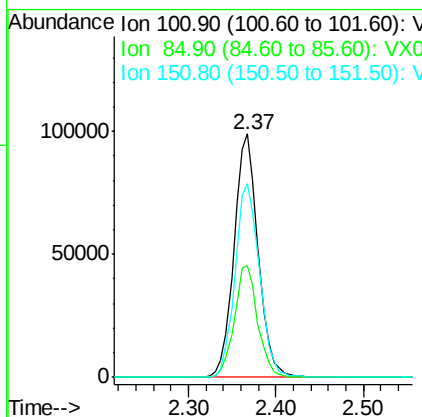
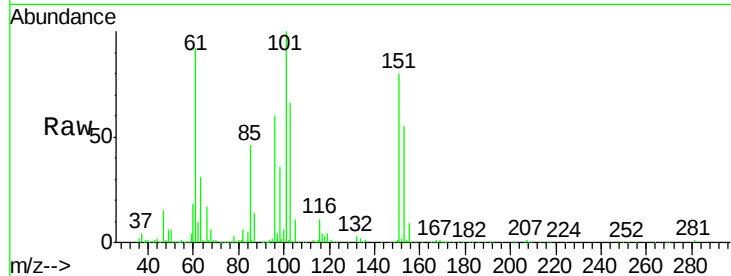
Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	189361		
85	44.8	35.4	53.2	
151	81.2	65.4	98.0	

Manual Integrations
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#10

Methyl Iodide

Concen: 42.984 ug/l

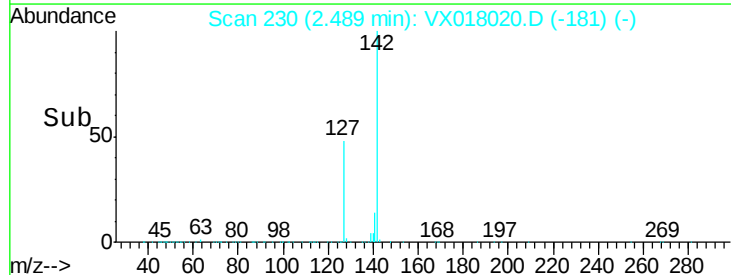
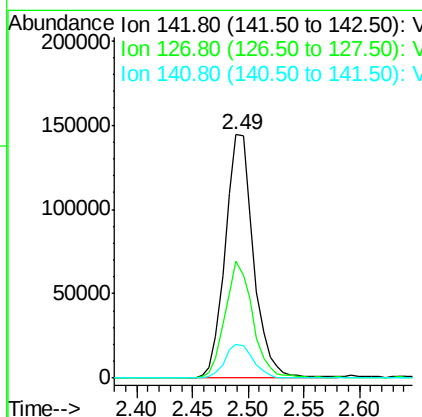
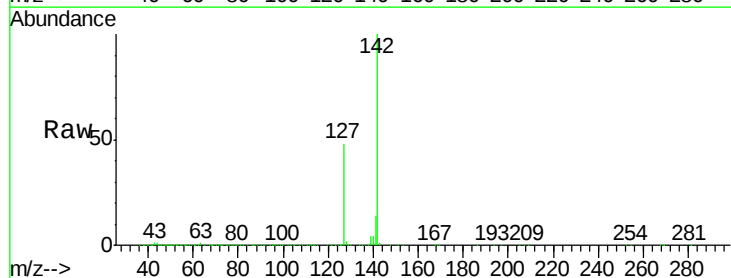
RT: 2.49 min Scan# 230

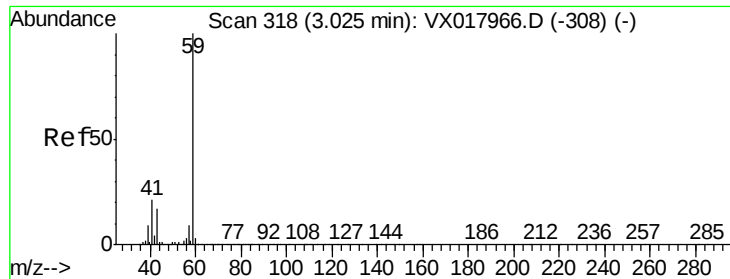
Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	255056		
127	47.2	38.0	57.0	
141	14.1	11.2	16.8	





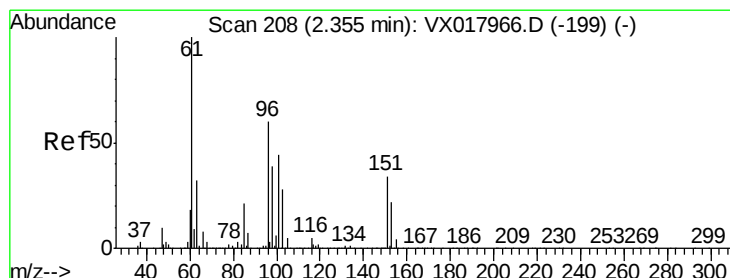
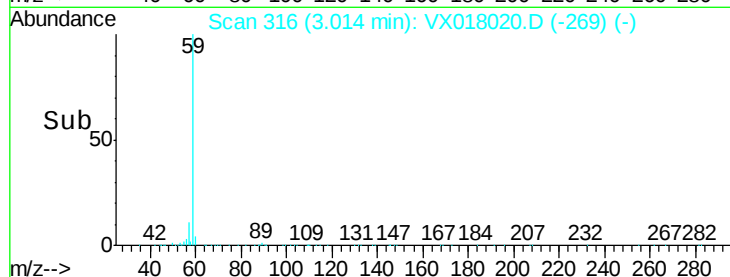
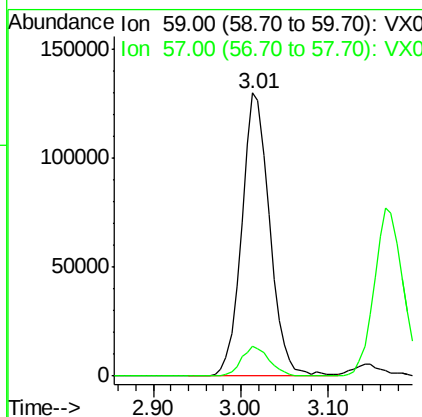
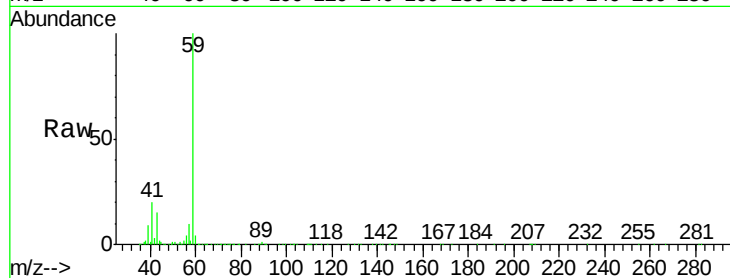
#11
Tert butyl alcohol
Concen: 217.657 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	13.0

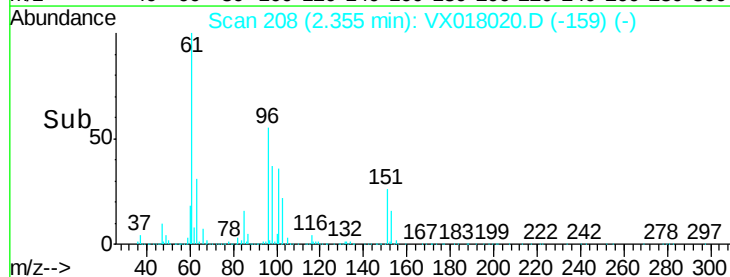
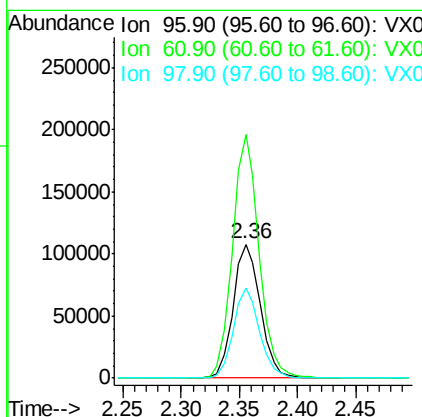
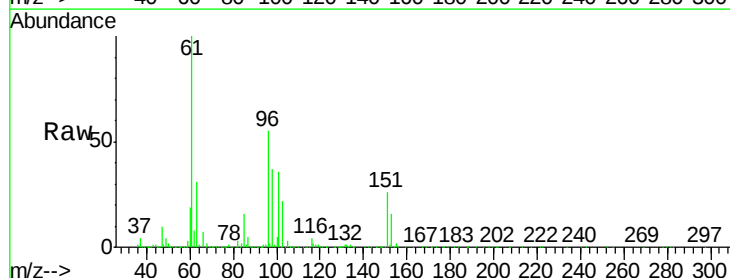
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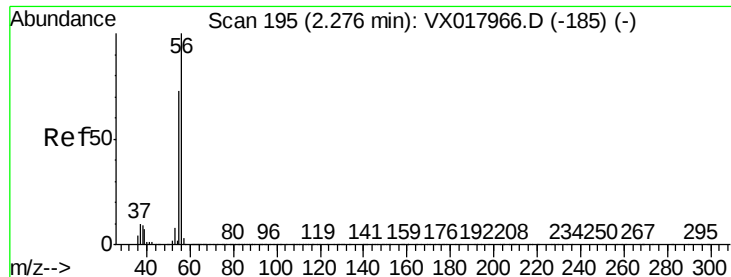
MMDadoda
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#12
1,1-Dichloroethene
Concen: 41.497 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.3	132.9	199.3
98	67.8	51.6	77.4





#13

Acrolein

Concen: 205.812 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 143763

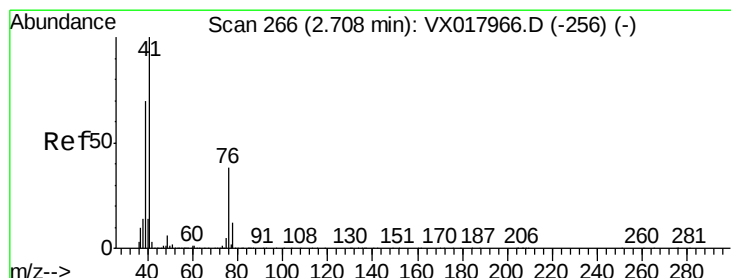
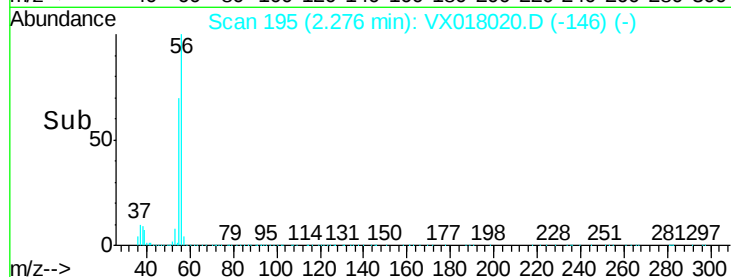
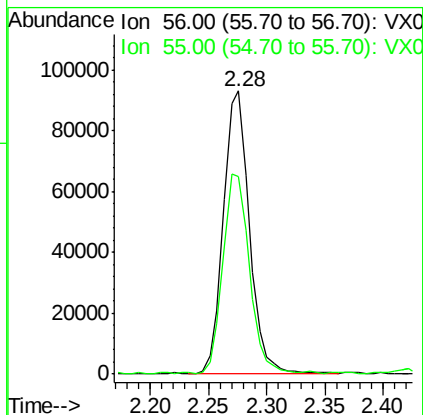
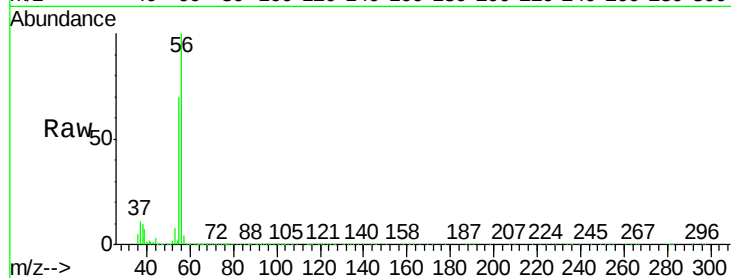
Ion Ratio Lower Upper

56 100

55 71.2 58.2 87.4

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#14

Allyl chloride

Concen: 46.269 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

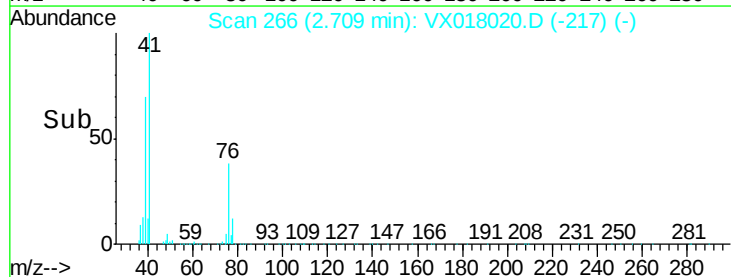
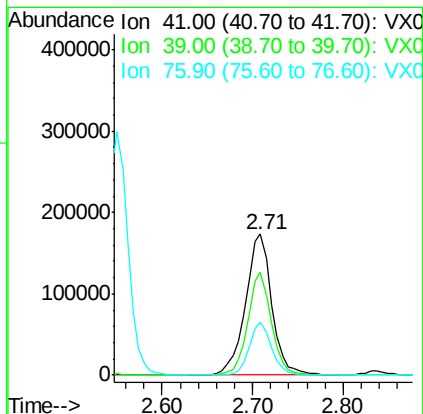
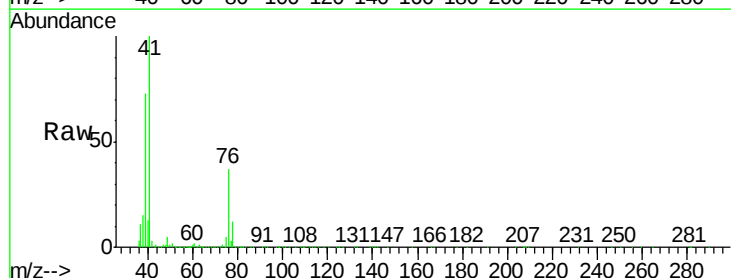
Tgt Ion: 41 Resp: 347507

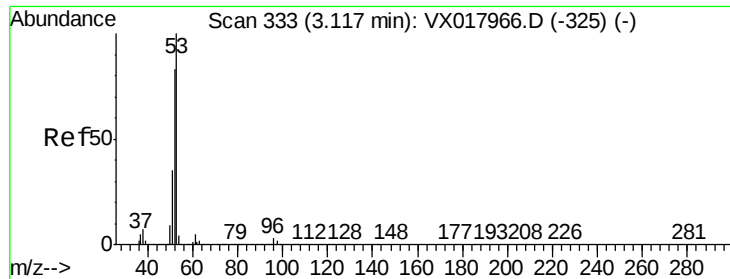
Ion Ratio Lower Upper

41 100

39 64.6 51.7 77.5

76 31.7 26.3 39.5





#15

Acrylonitrile

Concen: 236.911 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

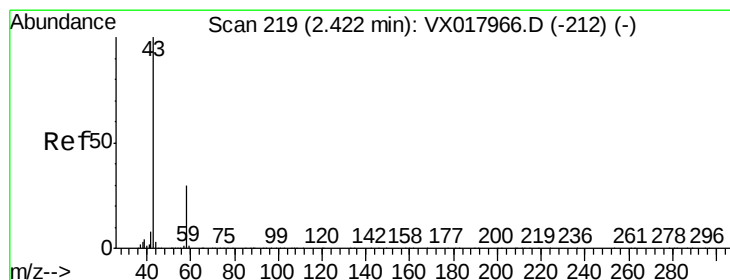
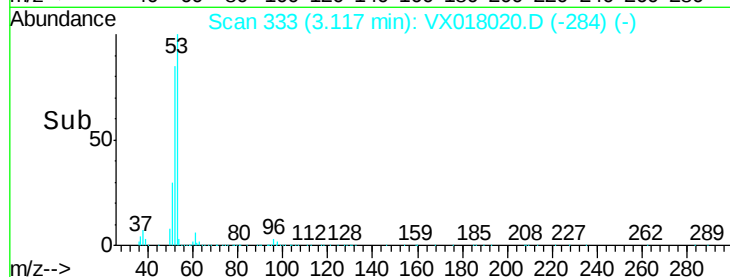
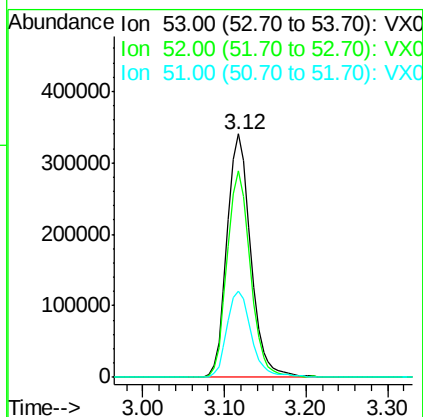
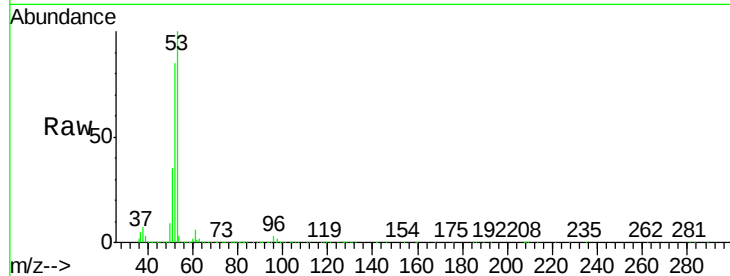
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	684156
Ion Ratio		Lower	Upper
53	100		
52	83.5	67.1	100.7
51	36.3	29.2	43.8

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#16

Acetone

Concen: 226.139 ug/l

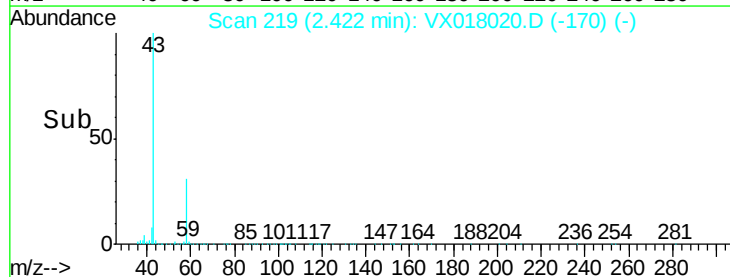
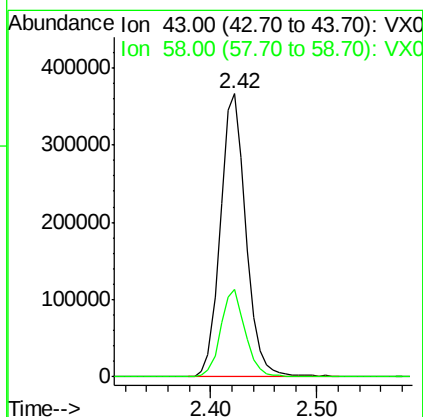
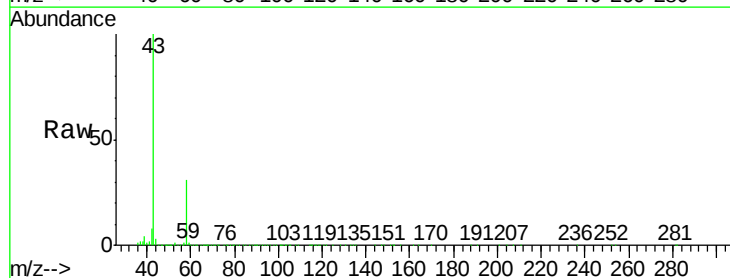
RT: 2.42 min Scan# 219

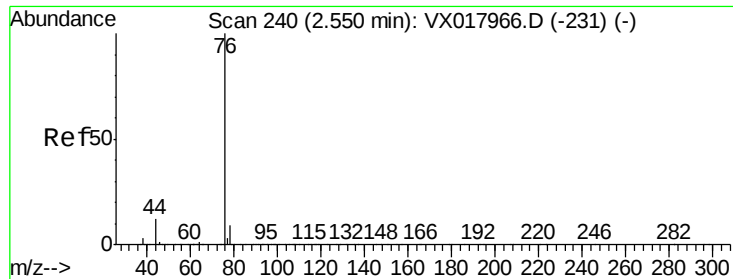
Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion:	43	Resp:	609310
Ion Ratio		Lower	Upper
43	100		
58	31.1	23.8	35.8





#17

Carbon Disulfide

Concen: 47.357 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 483861

Ion Ratio Lower Upper

76 100

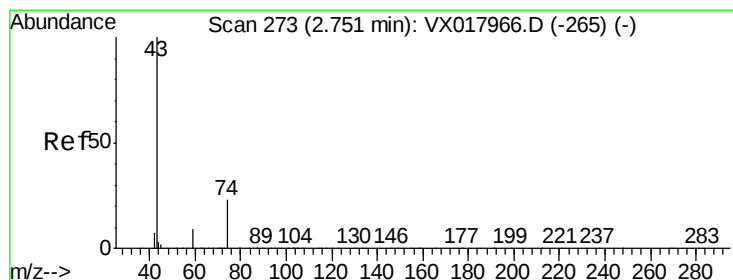
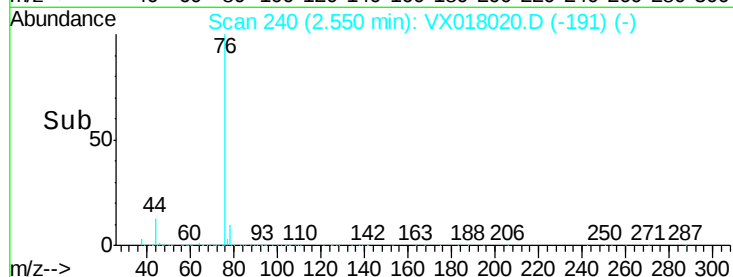
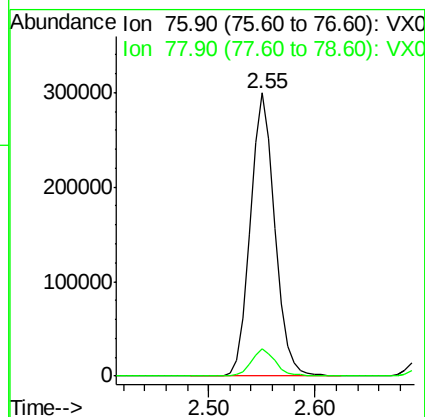
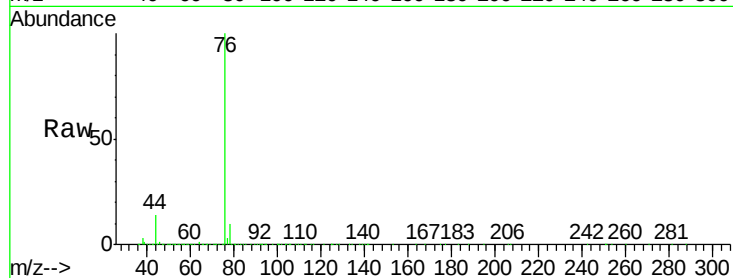
78 9.6 7.3 10.9

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#18

Methyl Acetate

Concen: 48.454 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018020.D

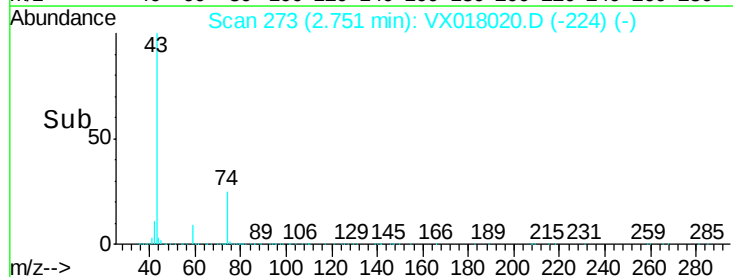
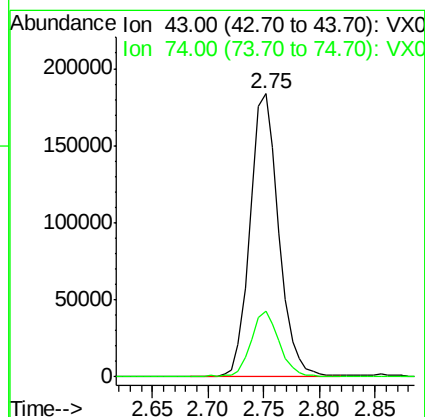
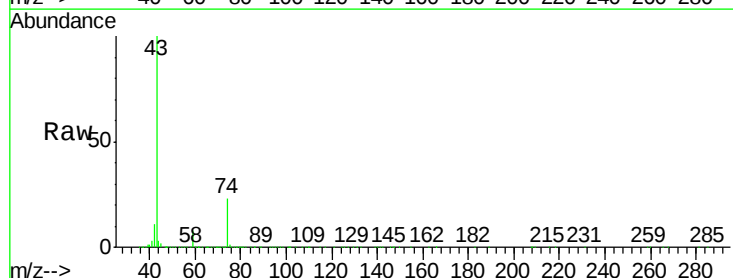
Acq: 20 Aug 2020 06:08

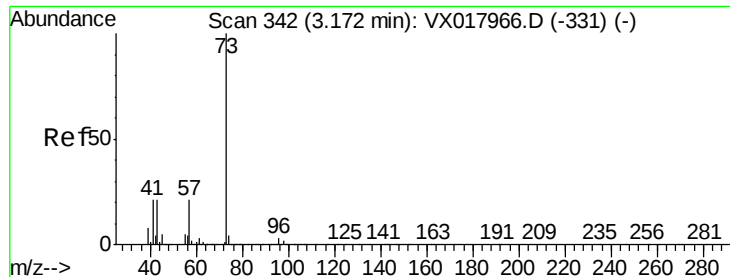
Tgt Ion: 43 Resp: 328518

Ion Ratio Lower Upper

43 100

74 23.2 19.7 29.5





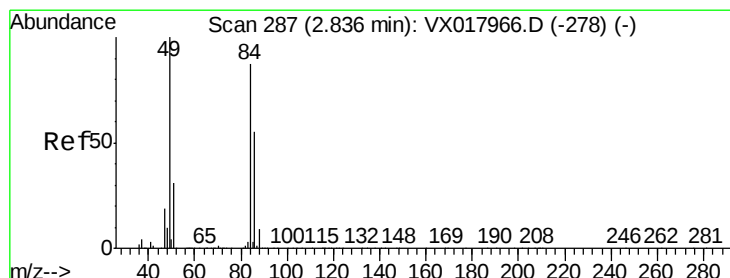
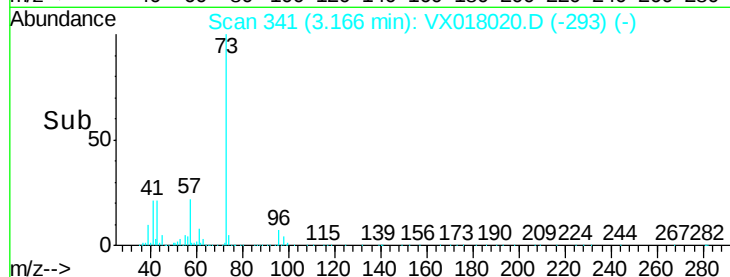
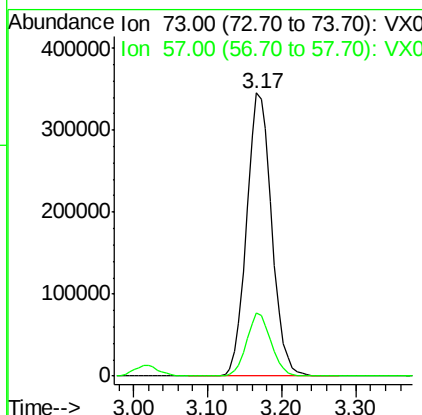
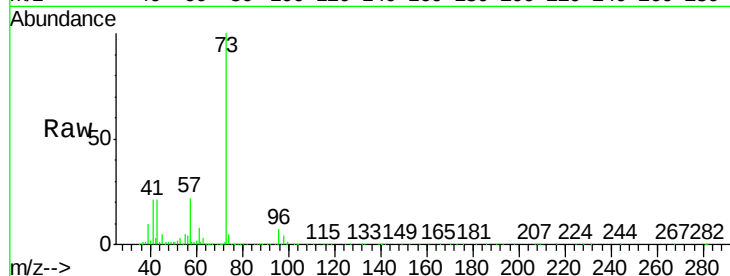
#19
Methvl tert-butvl Ether
Concen: 50.716 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.9	25.3

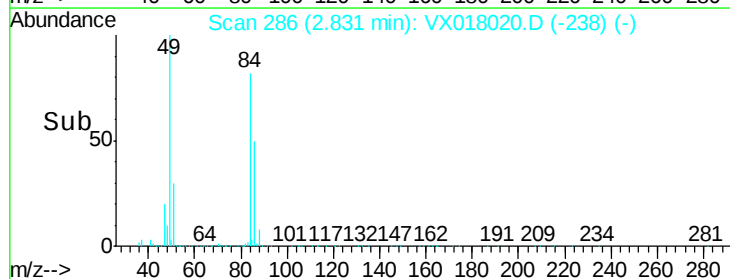
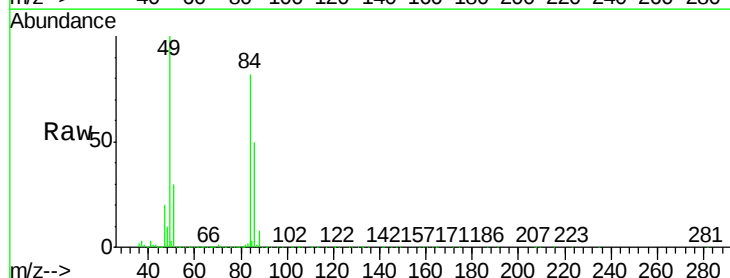
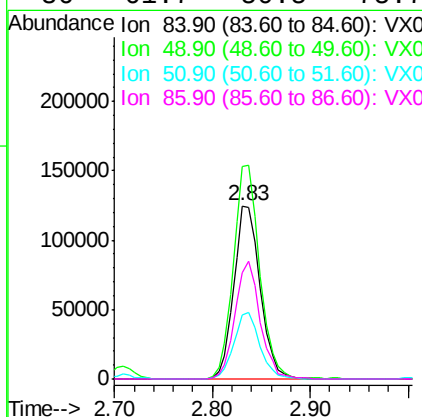
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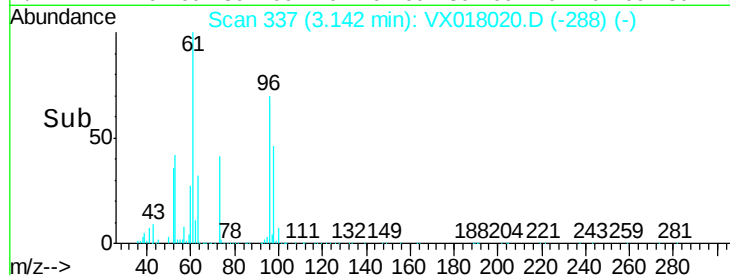
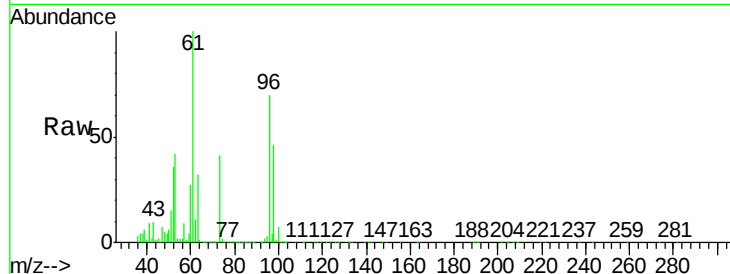
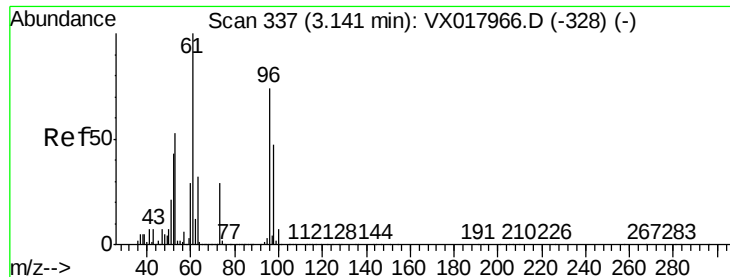
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#20
Methylene Chloride
Concen: 46.793 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.3	91.8	137.6
51	36.7	27.8	41.8
86	61.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 49.018 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018020.D

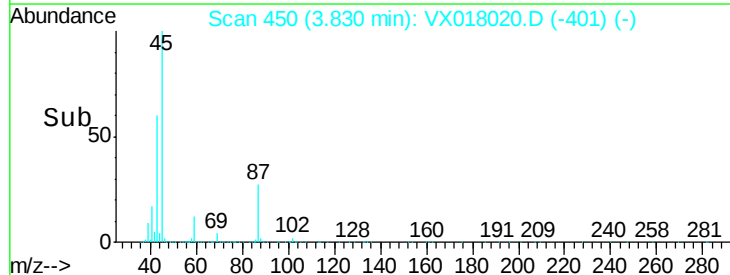
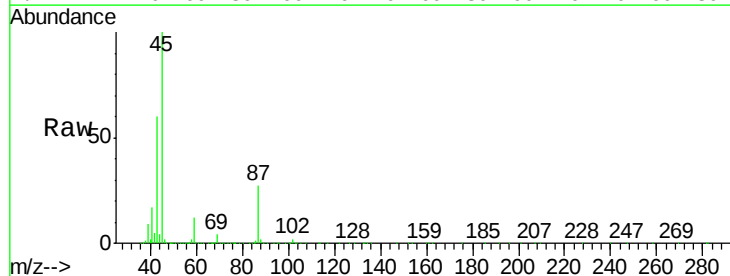
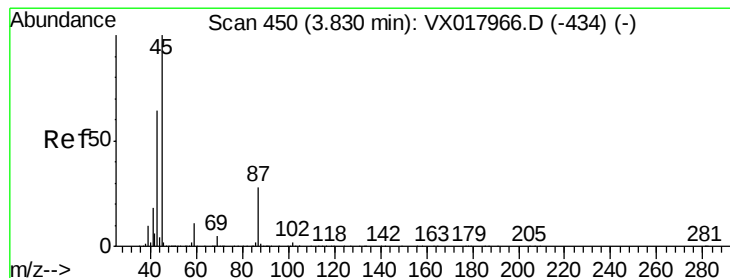
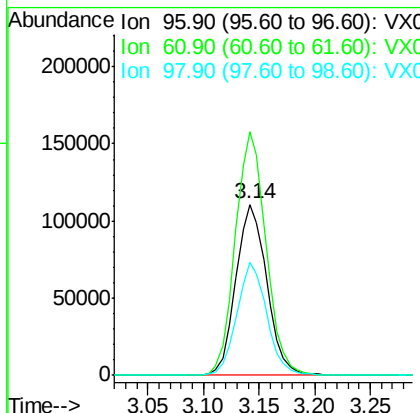
Acq: 20 Aug 2020 06:08

Tot Ion:	96	Resp:	212211
Ion	Ratio	Lower	Upper
96	100		
61	142.3	108.6	163.0
98	66.1	51.4	77.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 51.946 ug/l

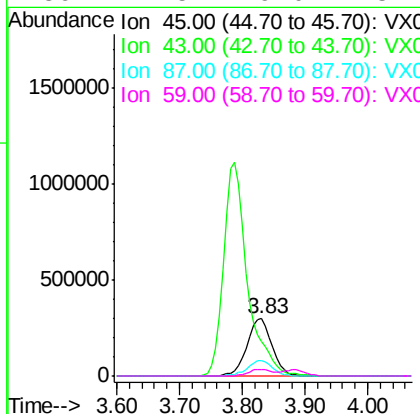
RT: 3.83 min Scan# 450

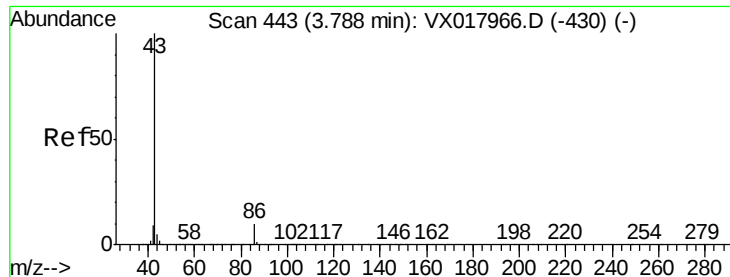
Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion:	45	Resp:	817853
Ion	Ratio	Lower	Upper
45	100		
43	59.8	51.5	77.3
87	26.8	22.6	33.8
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 243.912 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2934698

Ion Ratio Lower Upper

43 100

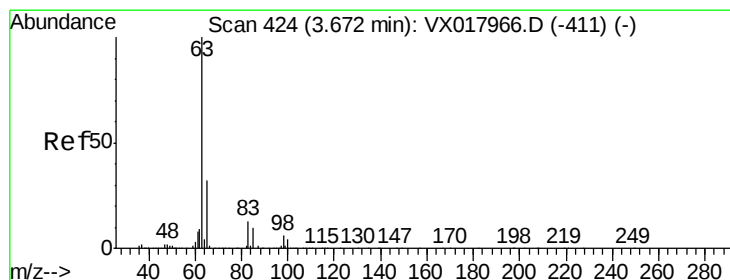
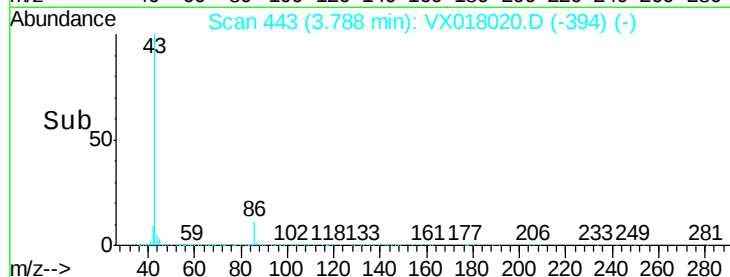
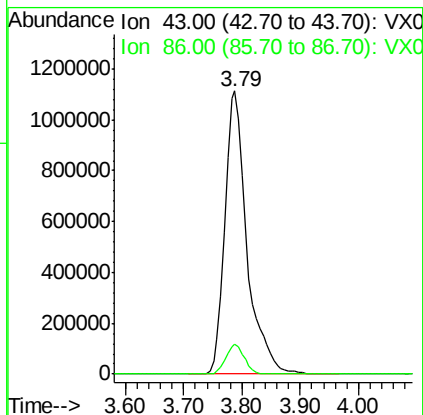
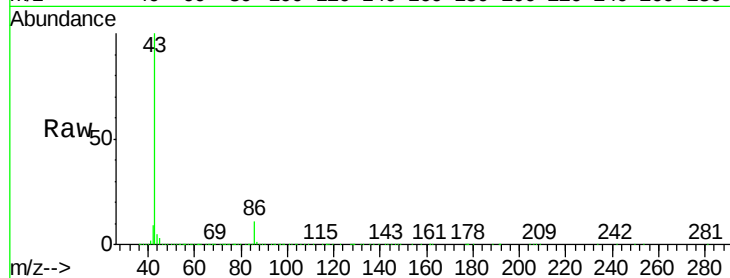
86 10.5 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 49.218 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

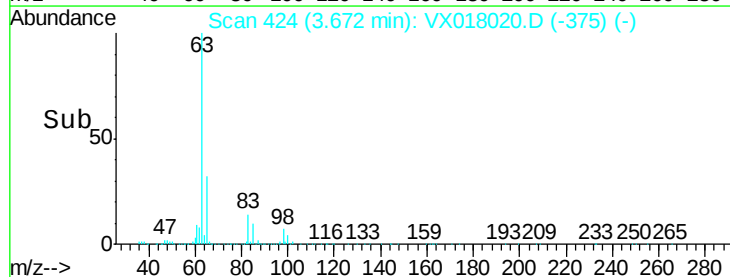
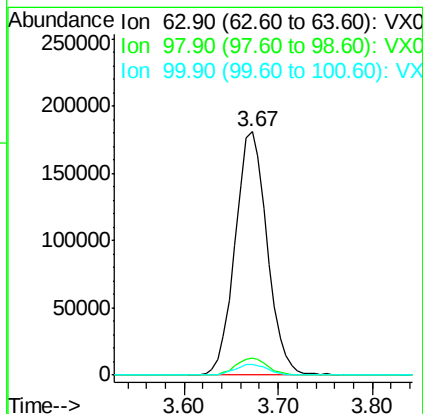
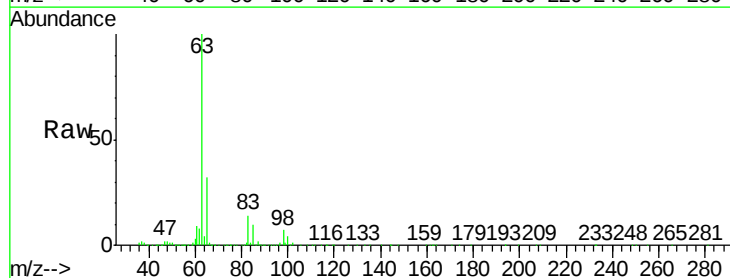
Tgt Ion: 63 Resp: 429572

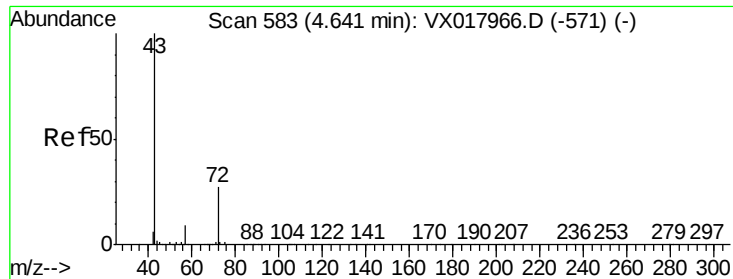
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.0

100 4.5 2.0 5.8





#25

2-Butanone

Concen: 233.483 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 952403

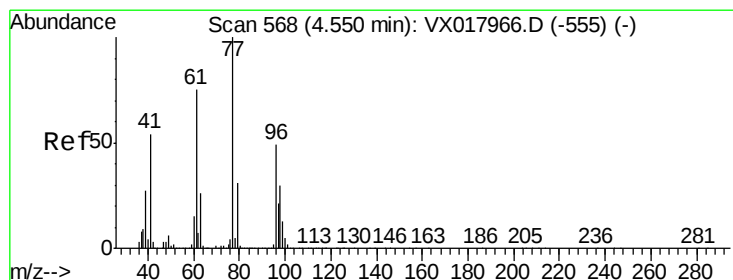
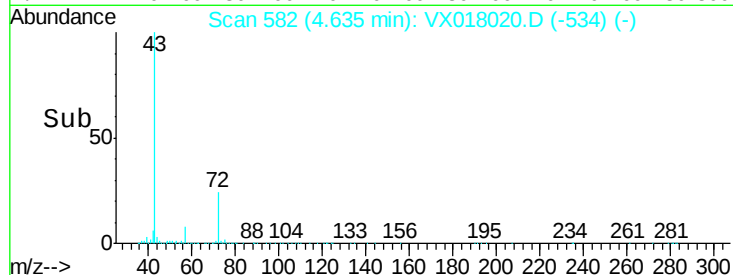
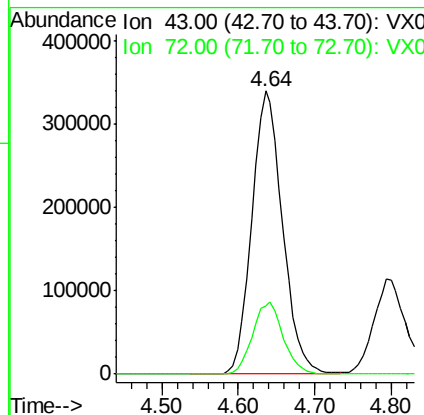
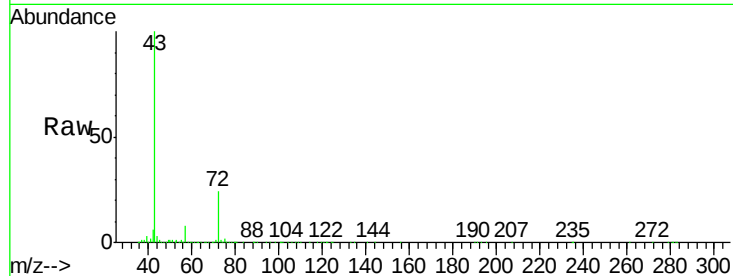
Ion Ratio Lower Upper

43 100

72 24.3 21.4 32.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 31.018 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018020.D

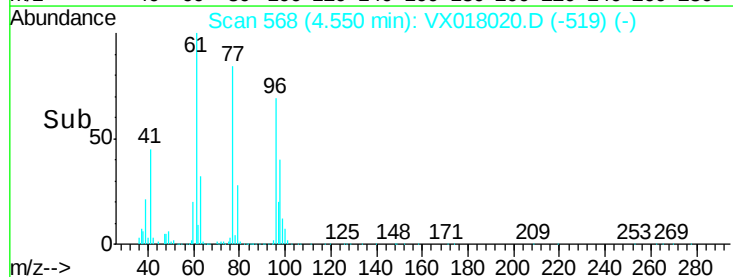
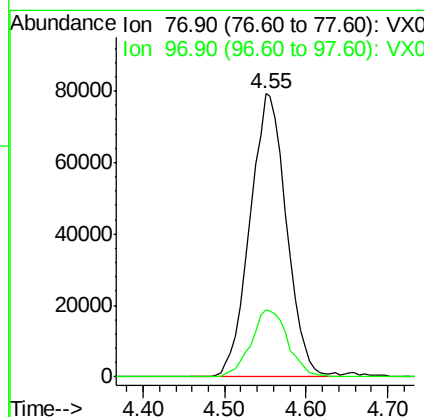
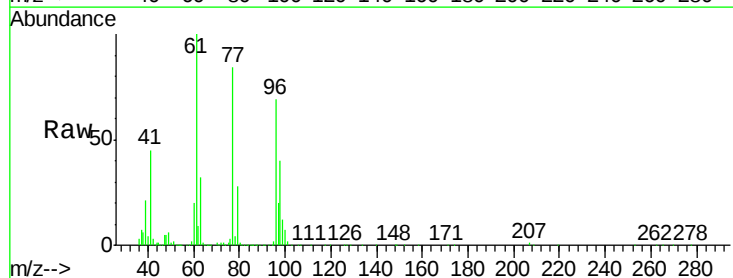
Acq: 20 Aug 2020 06:08

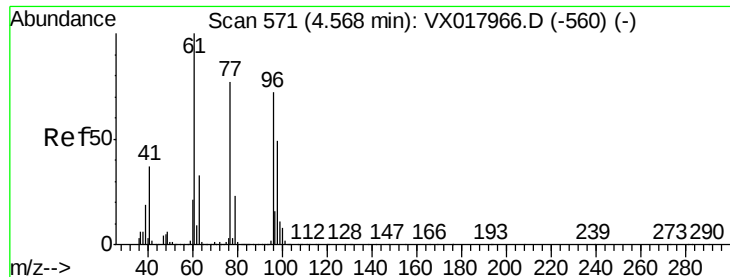
Tgt Ion: 77 Resp: 246530

Ion Ratio Lower Upper

77 100

97 23.9 10.9 32.9





#27

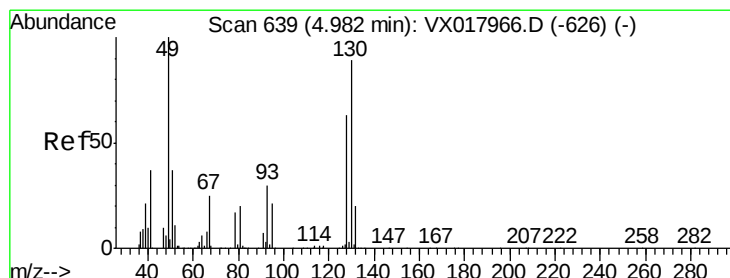
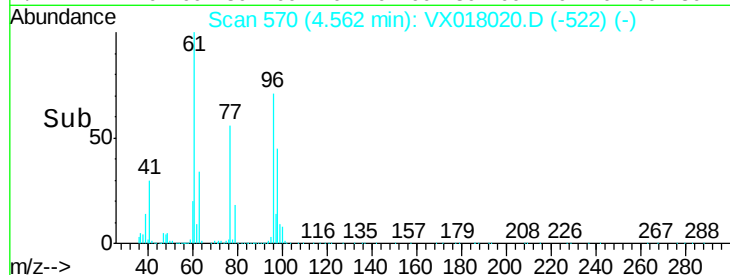
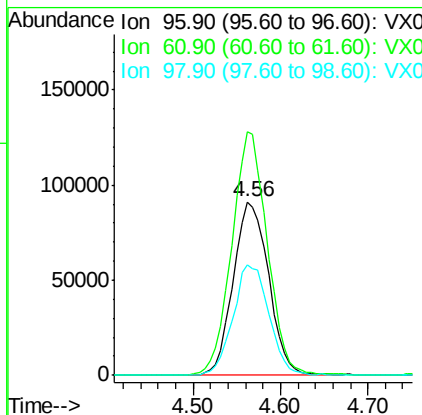
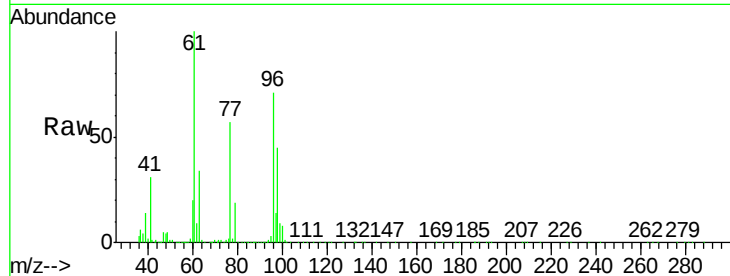
cis-1,2-Dichloroethene
Concen: 50.479 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	257790		
61	140.1	0.0	298.8	
98	64.4	0.0	130.2	

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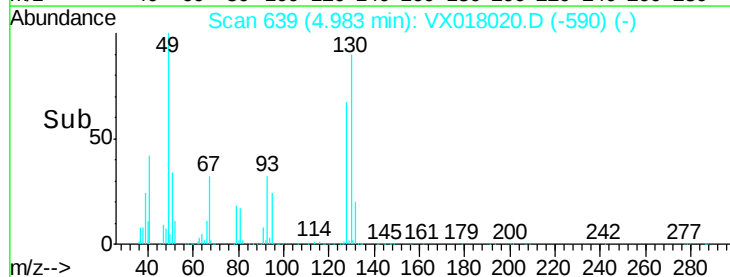
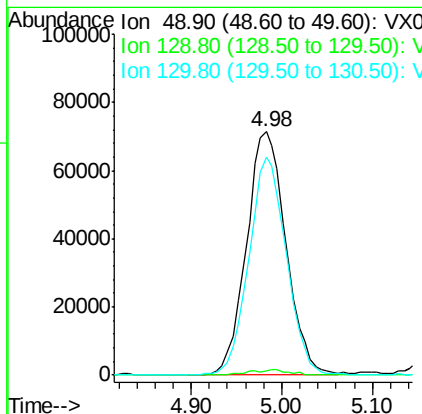
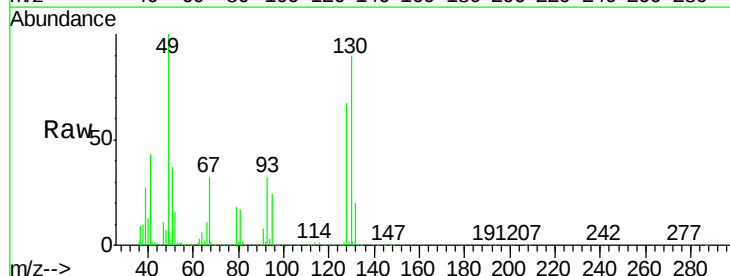
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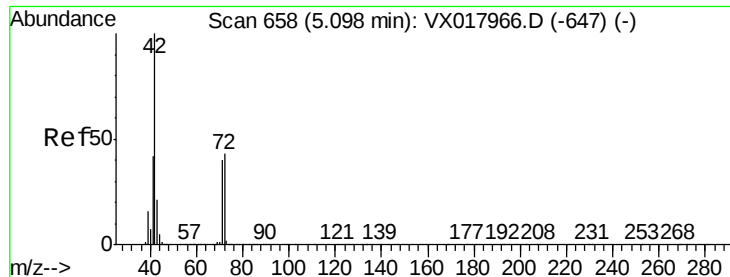


#28

Bromochloromethane
Concen: 47.379 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	213700		
129	2.1	0.0	3.6	
130	86.0	68.5	102.7	





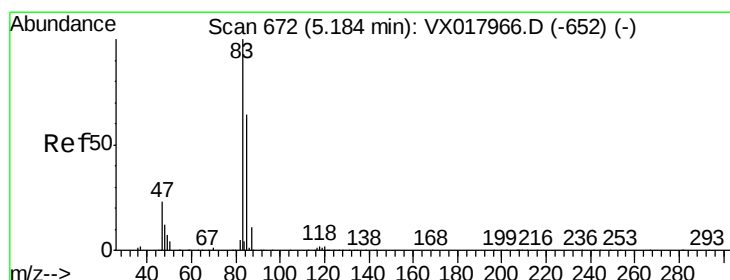
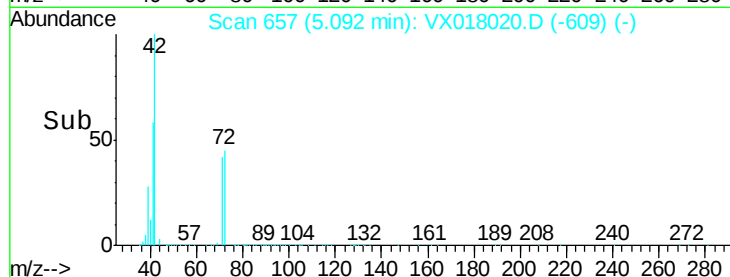
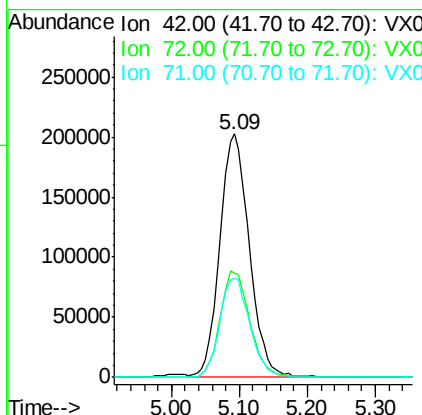
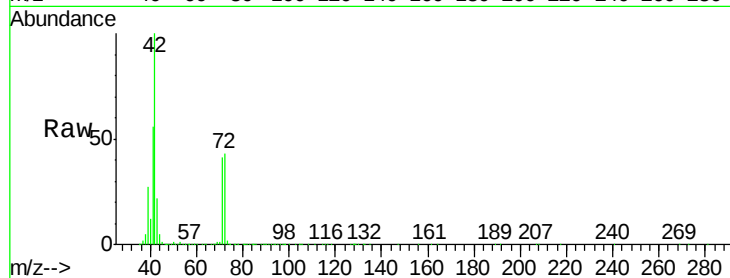
#29
Tetrahydrofuran
Concen: 239.067 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	605650
Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.9	53.9
71	42.0	33.0	49.4

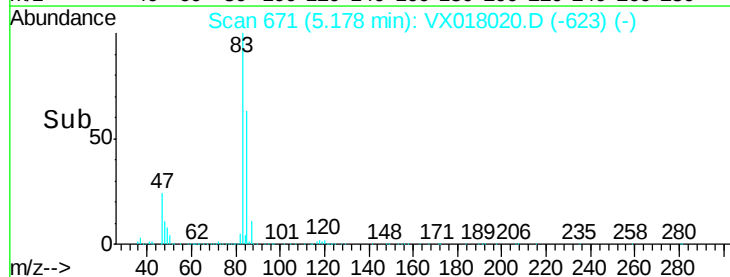
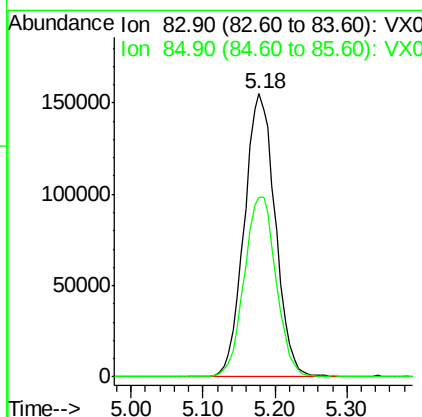
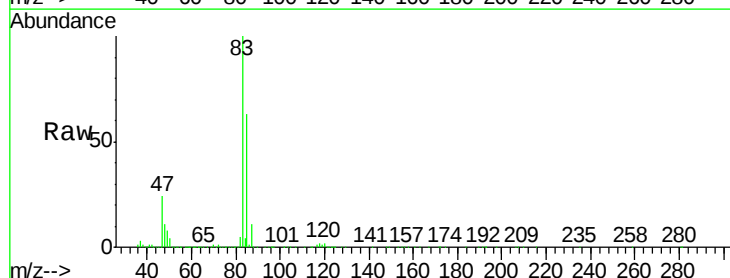
Manual Integrations
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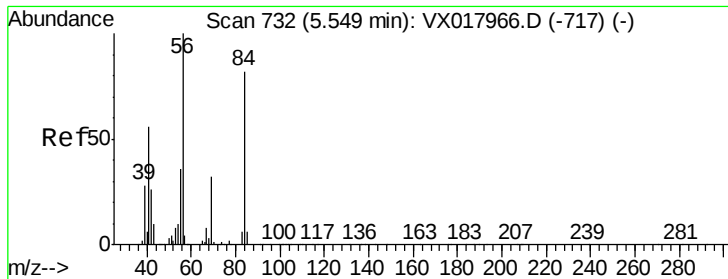
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#30
Chloroform
Concen: 48.636 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion:	83	Resp:	463973
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.3	76.9





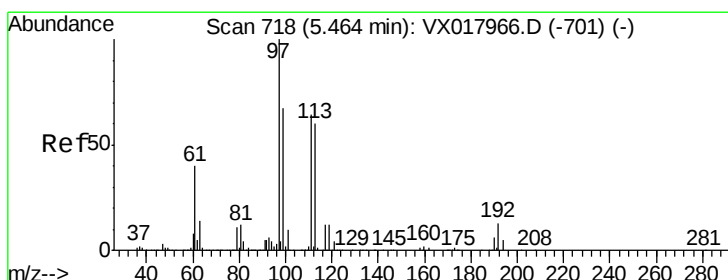
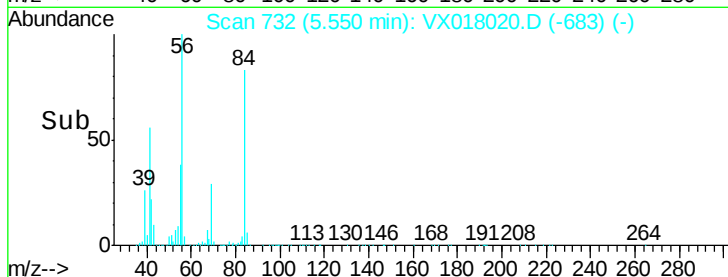
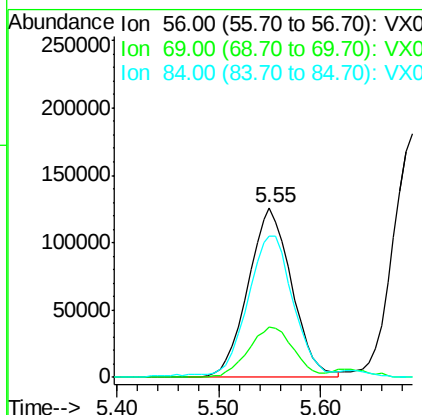
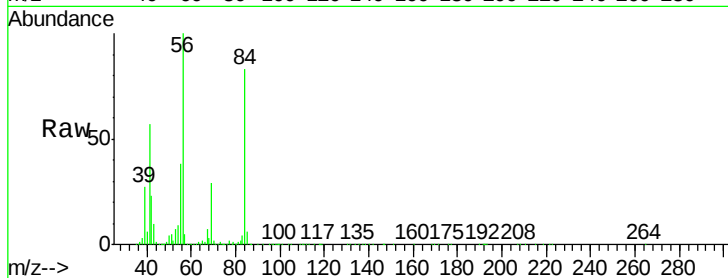
#31
Cyclohexane
Concen: 52.817 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.3	37.9
84	81.5	65.3	97.9

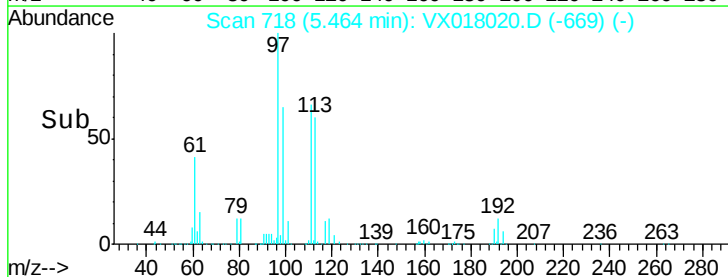
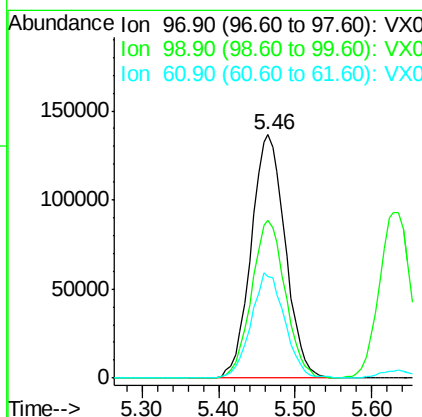
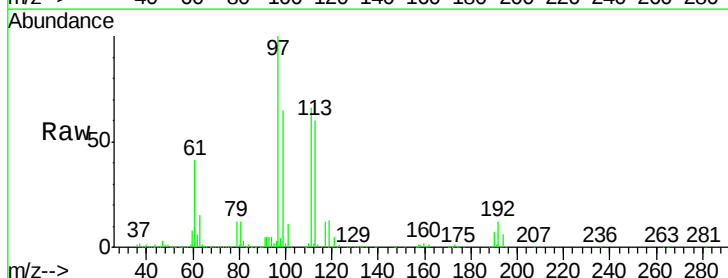
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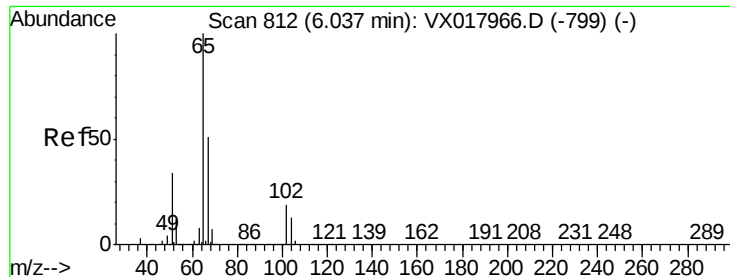
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#32
1,1,1-Trichloroethane
Concen: 48.891 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	42.7	33.7	50.5





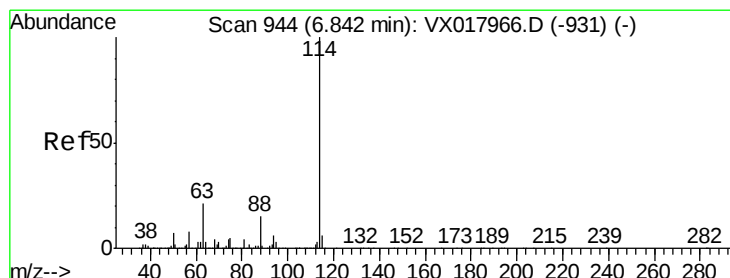
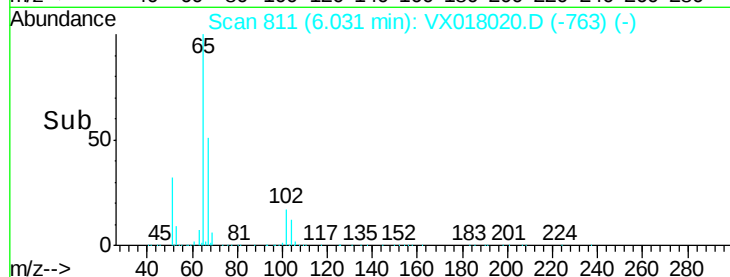
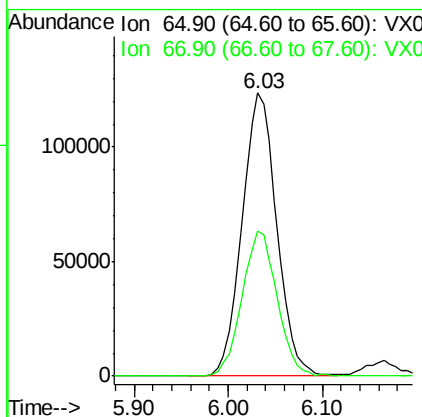
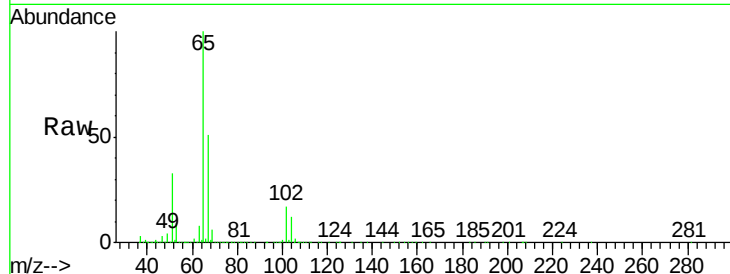
#33
 1,2-Dichloroethane-d4
 Concen: 46.495 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	318437		
67	51.4	0.0	103.0	

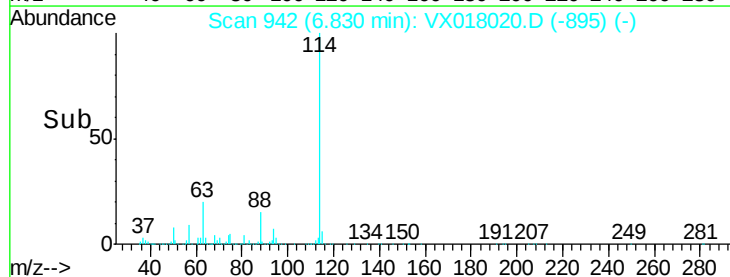
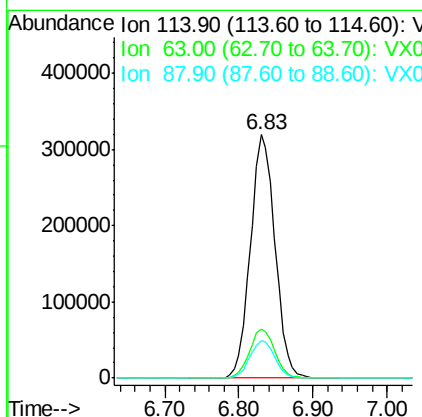
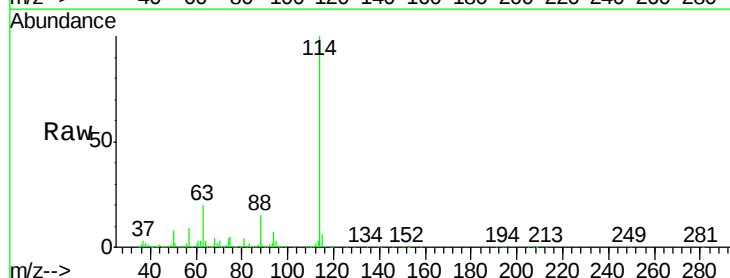
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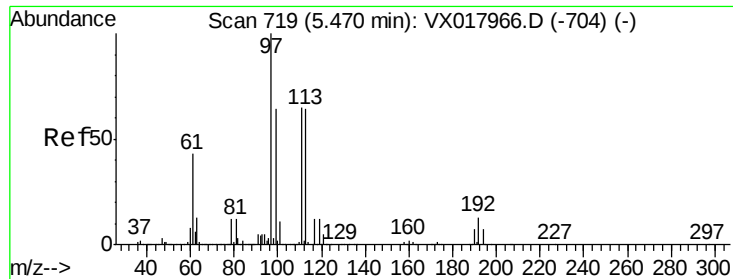
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	741978		
63	20.2	0.0	42.6	
88	15.4	0.0	30.2	





#35

Dibromofluoromethane

Concen: 44.850 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

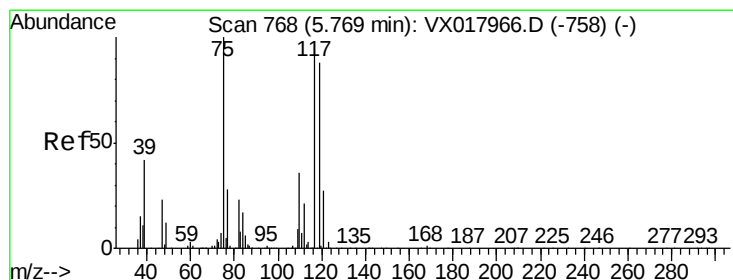
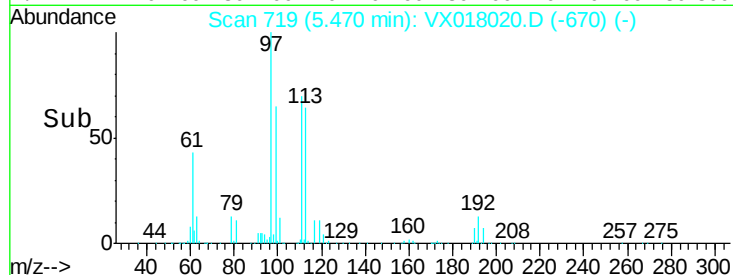
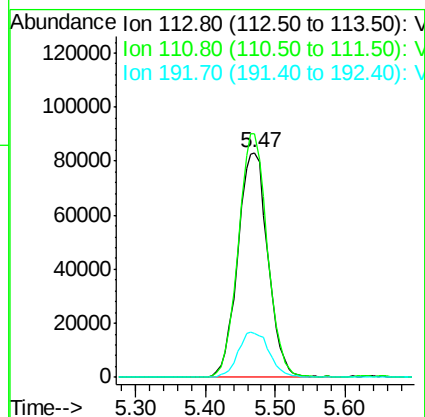
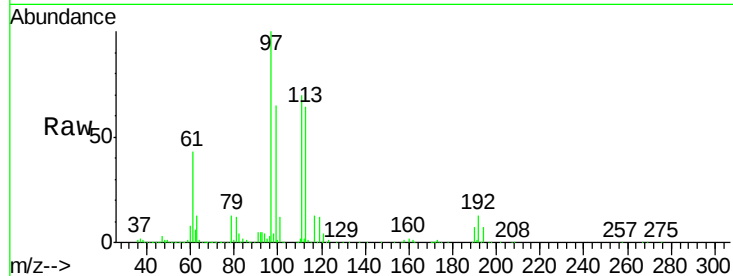
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	247814
Ion Ratio	Lower	Upper	
113	100		
111	104.7	83.5	125.3
192	20.9	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 47.959 ug/l

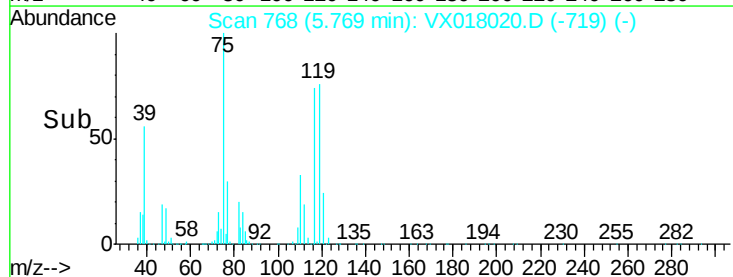
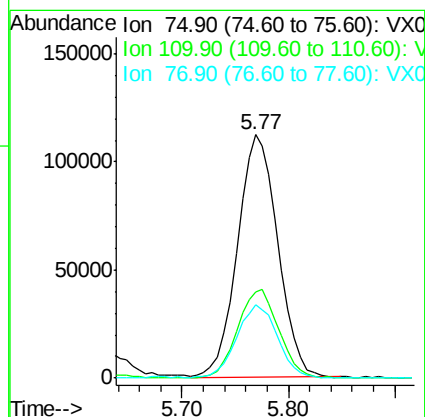
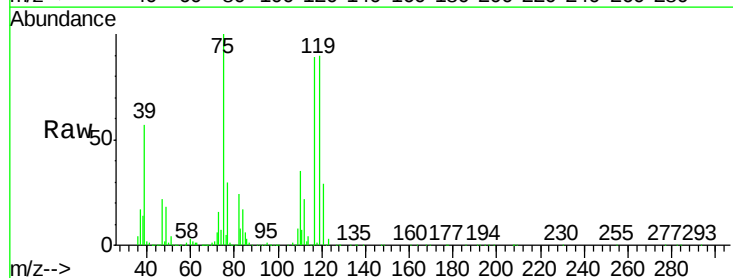
RT: 5.77 min Scan# 768

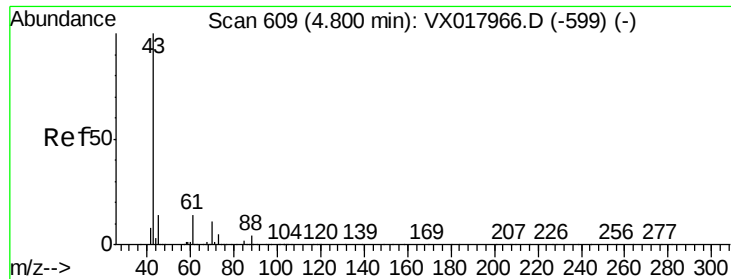
Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion:	75	Resp:	297845
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.7	56.1
77	30.5	24.4	36.6





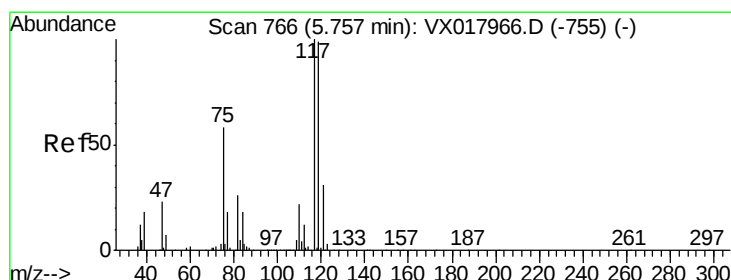
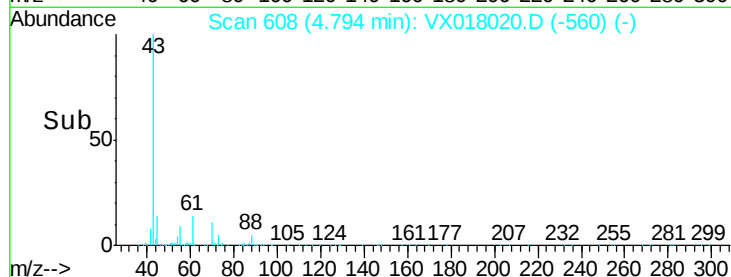
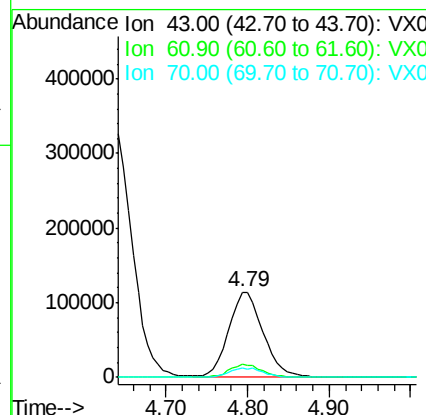
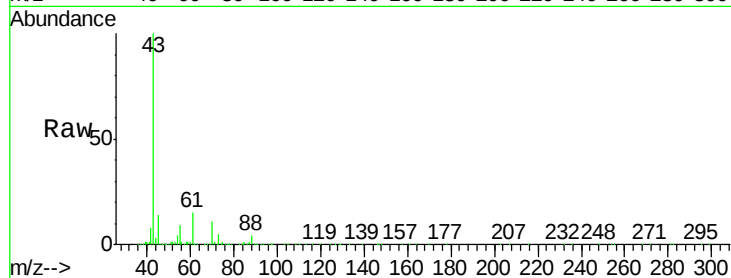
#37
Ethyl Acetate
Concen: 44.960 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	334077
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.9	8.5	12.7

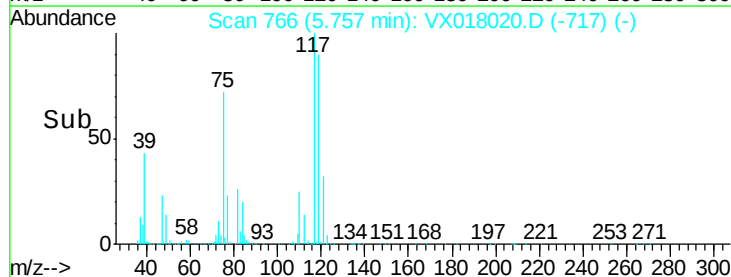
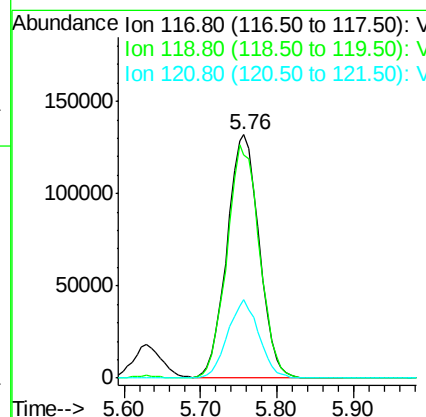
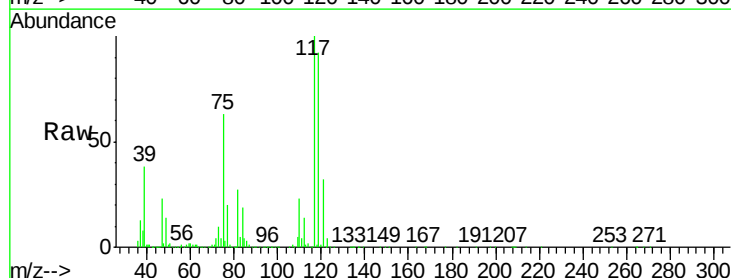
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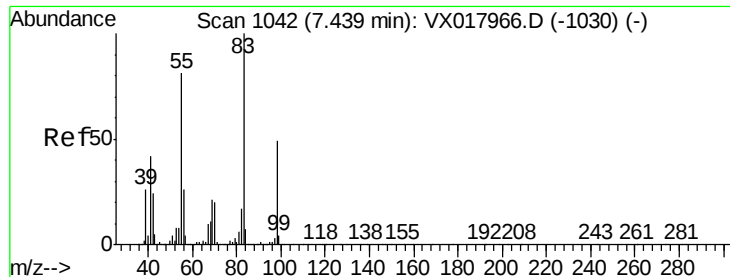
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#38
Carbon Tetrachloride
Concen: 47.688 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion:	117	Resp:	383293
Ion	Ratio	Lower	Upper
117	100		
119	91.7	79.0	118.6
121	32.3	24.7	37.1





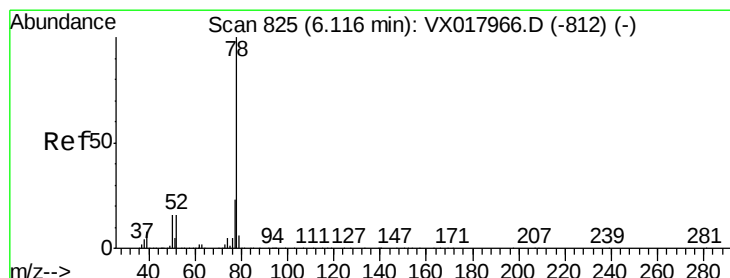
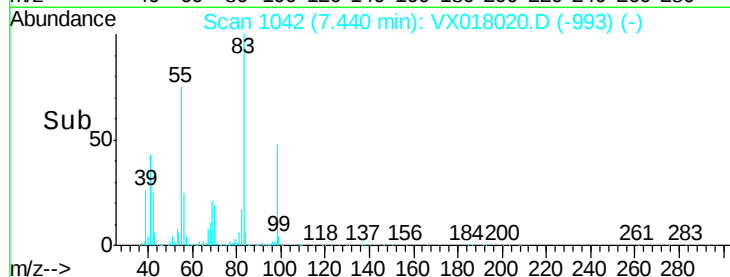
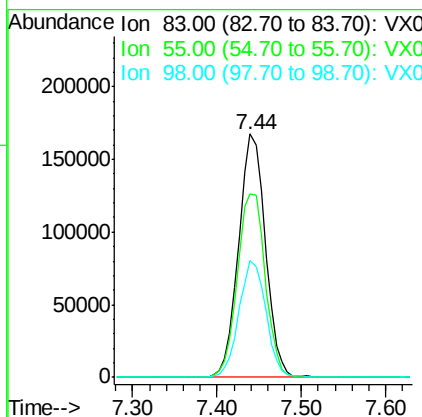
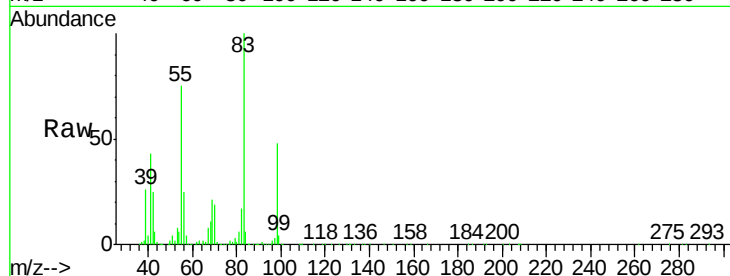
#39
Methylvlcyclohexane
Concen: 45.042 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	64.5	96.7
98	47.7	39.0	58.6

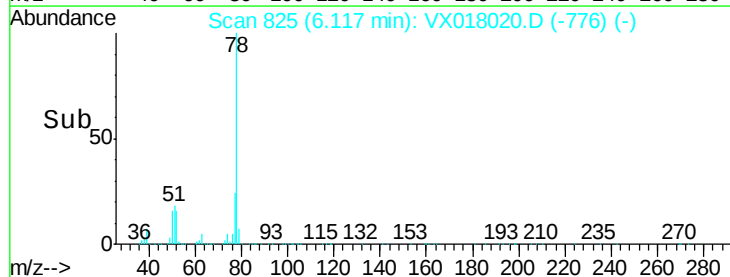
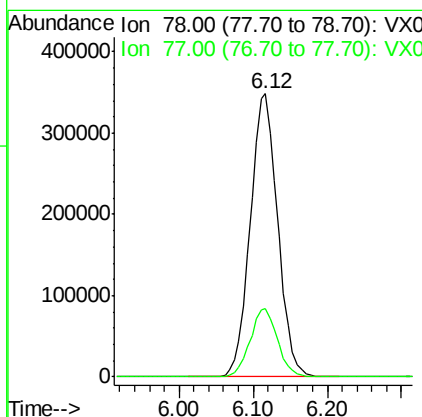
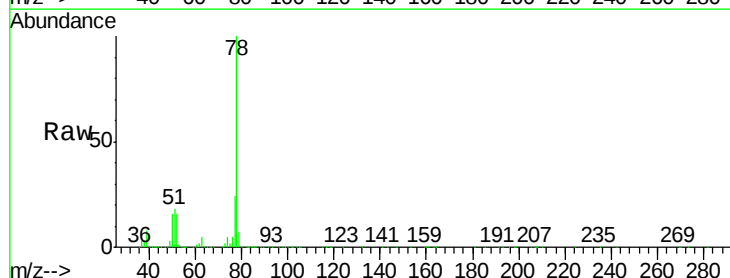
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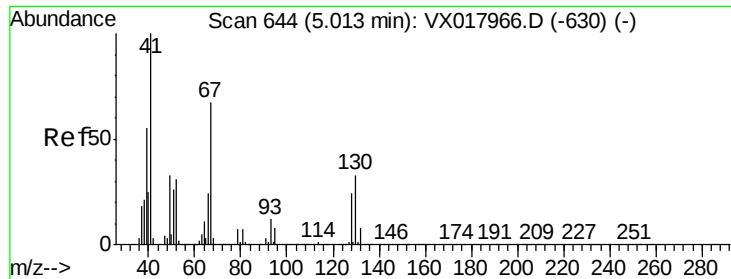
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#40
Benzene
Concen: 48.111 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





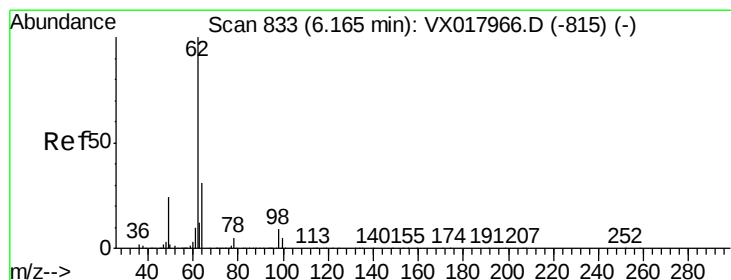
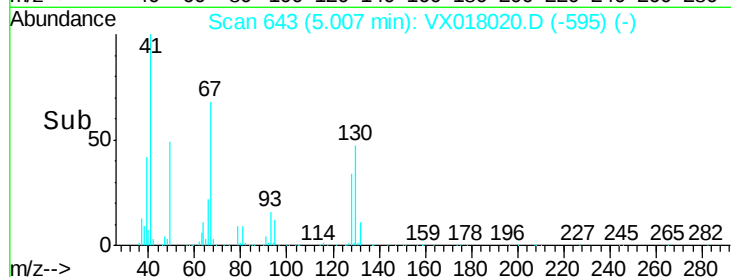
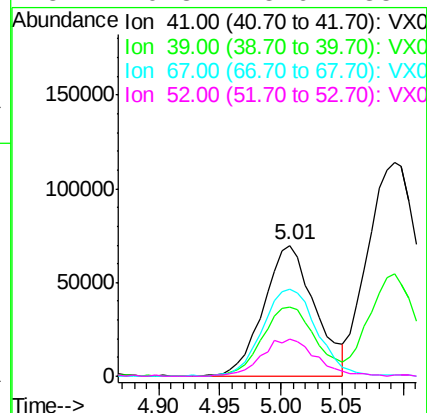
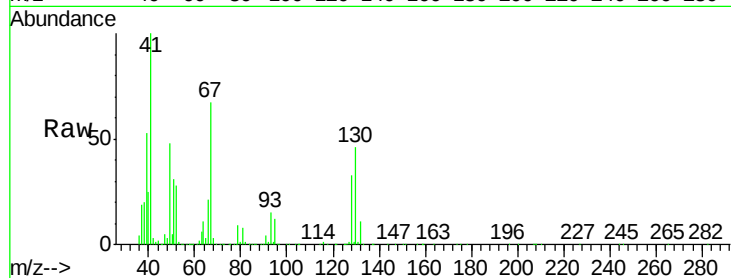
#41
Methacrylonitrile
Concen: 47.607 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		202756		
39	55.4	44.8	67.2		
67	70.8	57.5	86.3		
52	29.3	25.6	38.4		

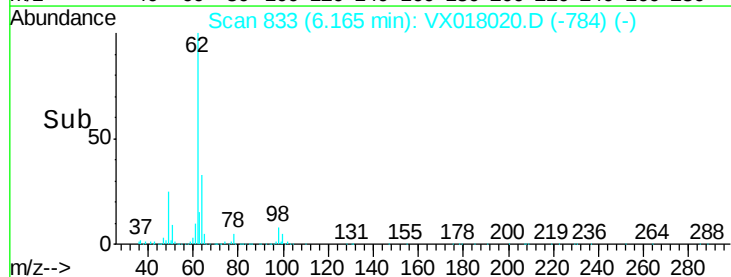
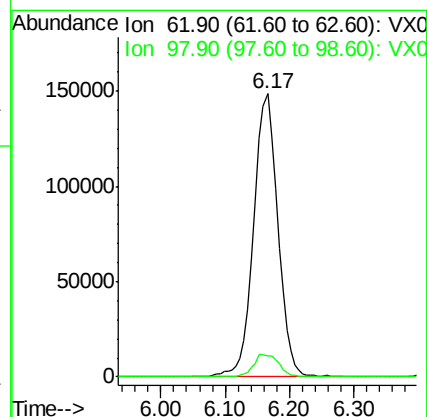
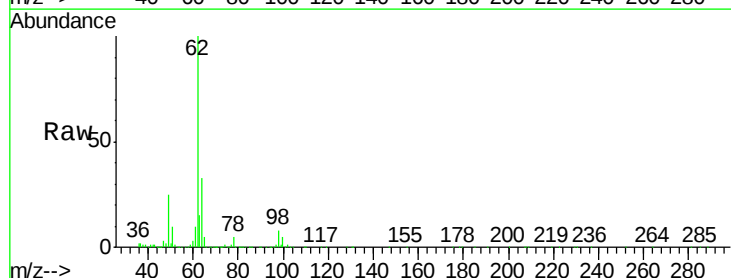
Manual Integrations
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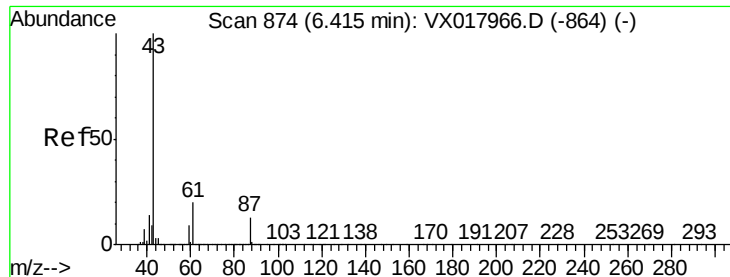
MMDadoda
8/20/2020 9:17:54 AM



#42
1,2-Dichloroethane
Concen: 47.899 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		380581		
98	8.4	0.0	17.2		





#43

Isopropyl Acetate

Concen: 47.346 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

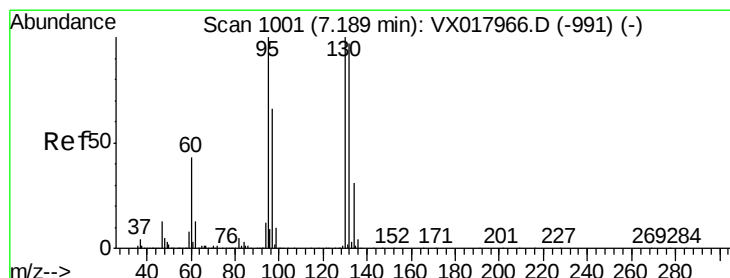
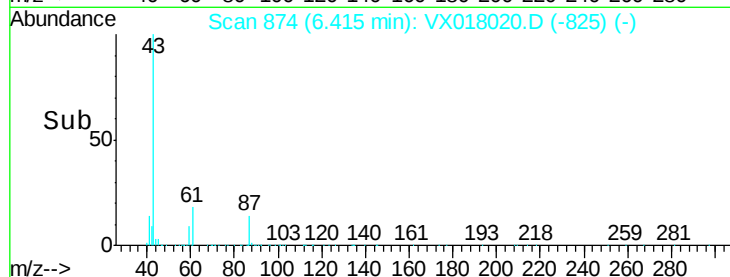
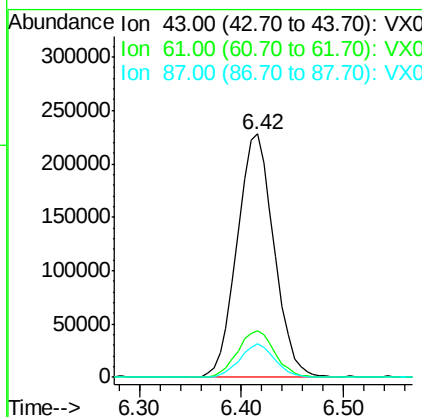
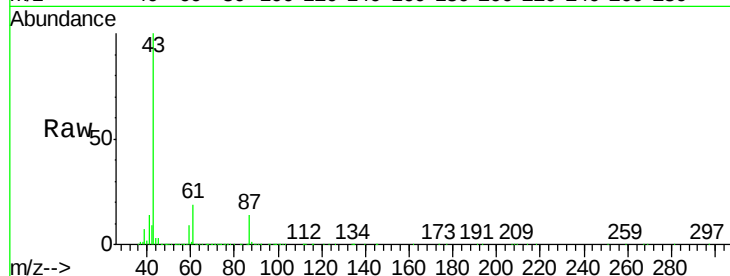
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	567921
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	13.3	10.8	16.2

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#44

Trichloroethene

Concen: 47.174 ug/l

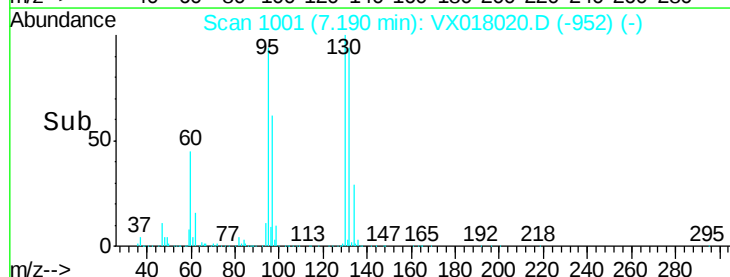
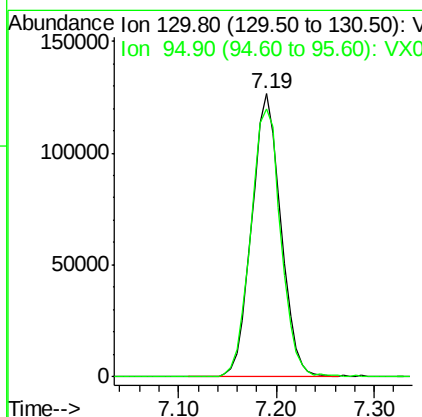
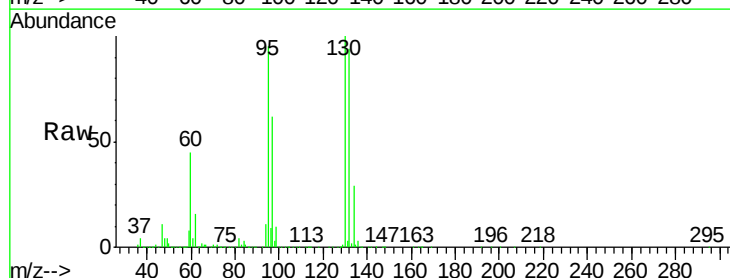
RT: 7.19 min Scan# 1001

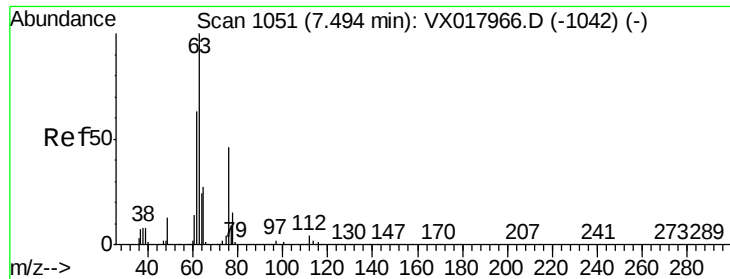
Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion:	130	Resp:	261679
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	200.6





#45

1,2-Dichloropropane

Concen: 47.207 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 253000

Ion Ratio Lower Upper

63 100

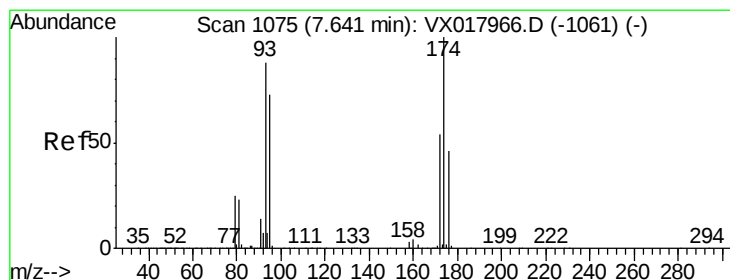
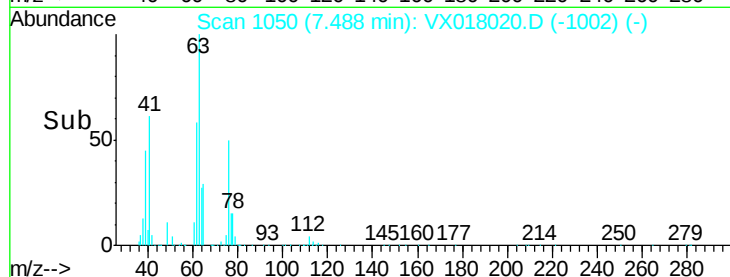
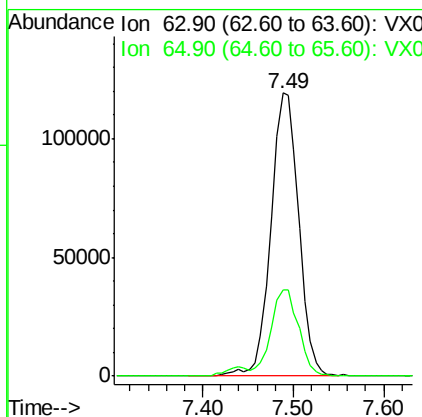
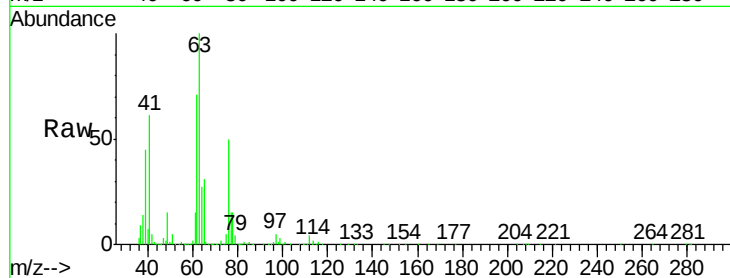
65 30.5 23.8 35.8

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#46

Dibromomethane

Concen: 47.927 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

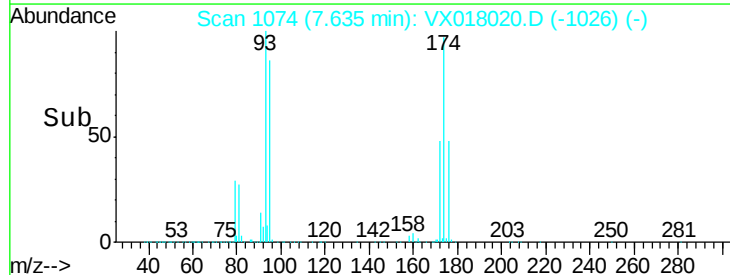
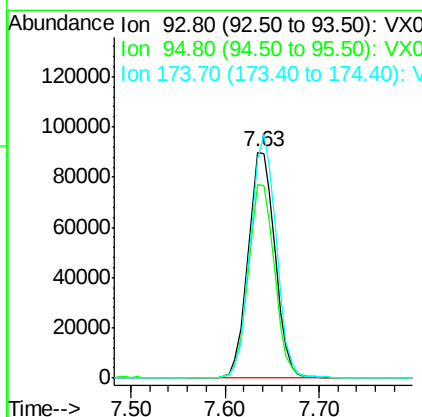
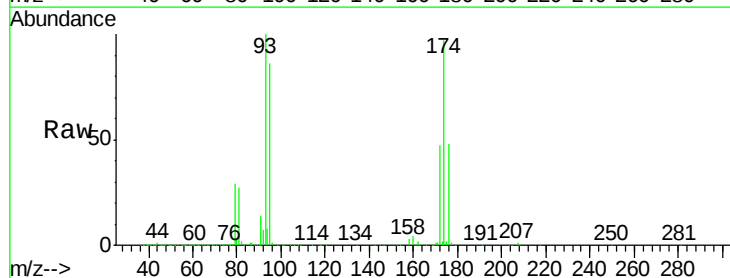
Tgt Ion: 93 Resp: 179268

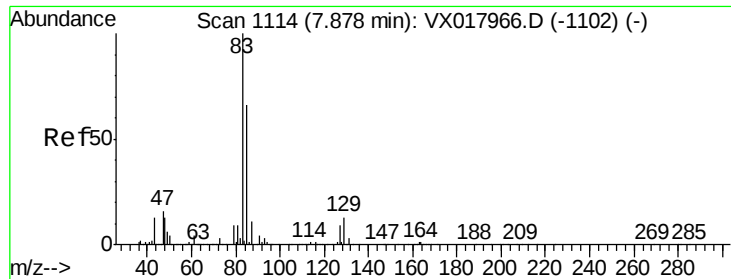
Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 104.5 88.3 132.5





#47

Bromodichloromethane

Concen: 48.020 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

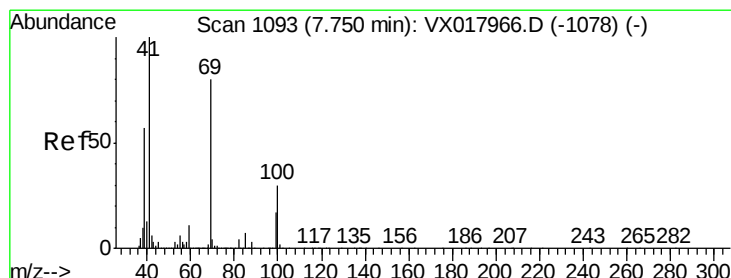
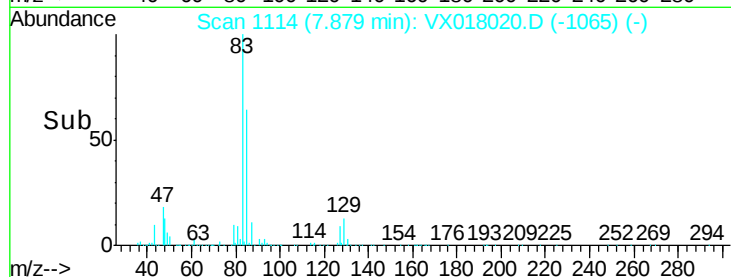
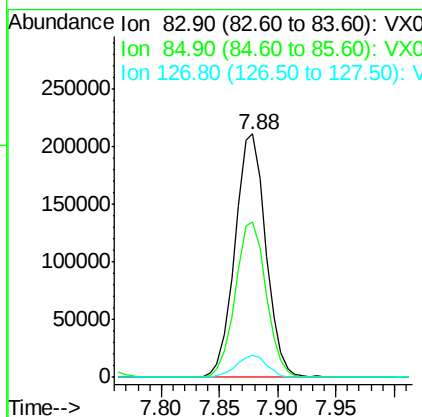
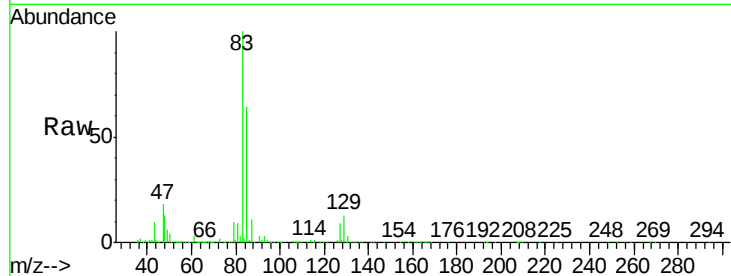
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	389924
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.4	78.6
127	9.0	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.414 ug/l

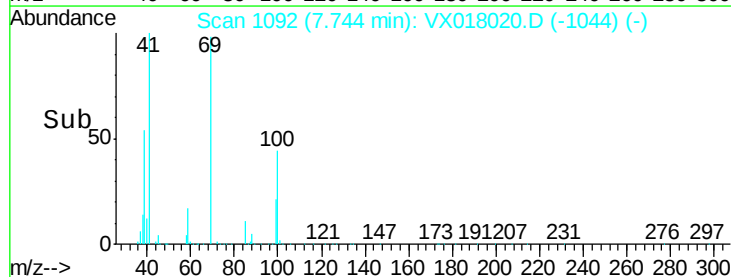
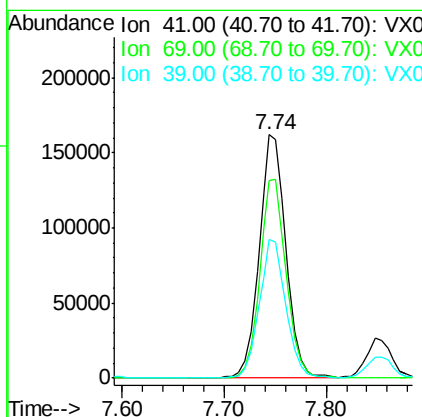
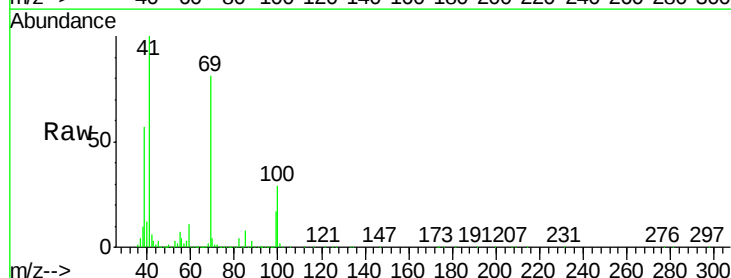
RT: 7.74 min Scan# 1092

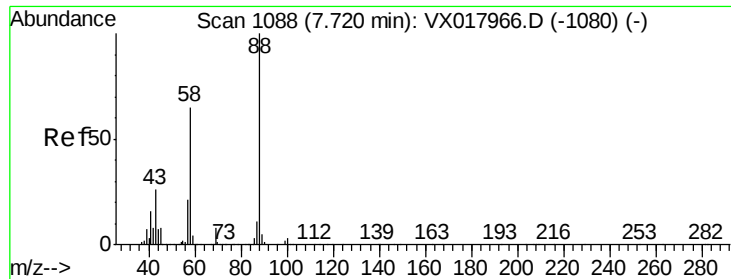
Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion:	41	Resp:	293844
Ion	Ratio	Lower	Upper
41	100		
69	81.2	64.3	96.5
39	56.3	45.3	67.9





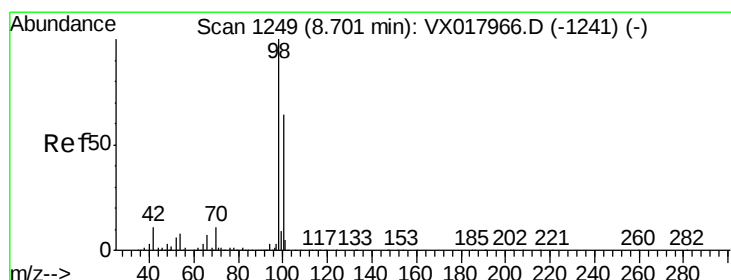
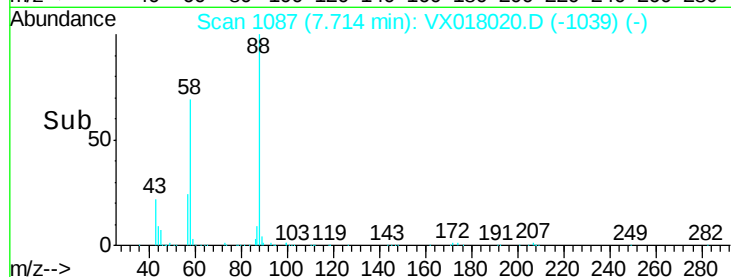
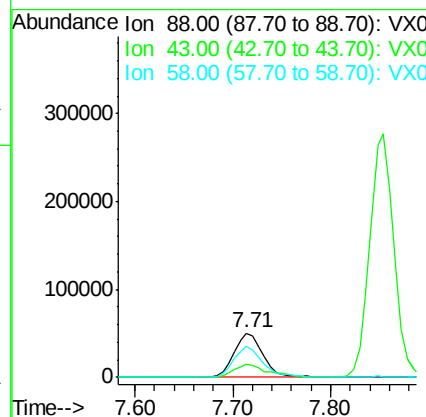
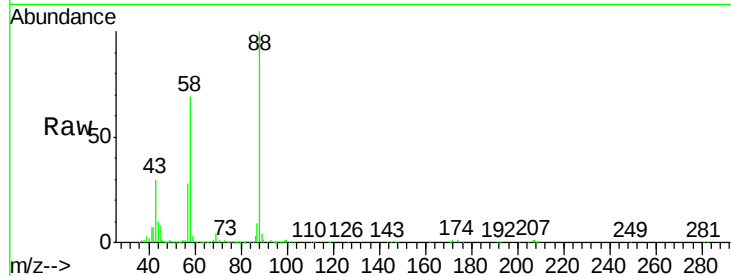
#49
1,4-Dioxane
Concen: 833.534 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.3	40.9
58	71.9	57.7	86.5

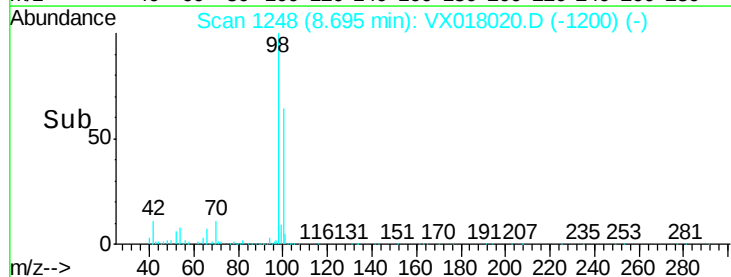
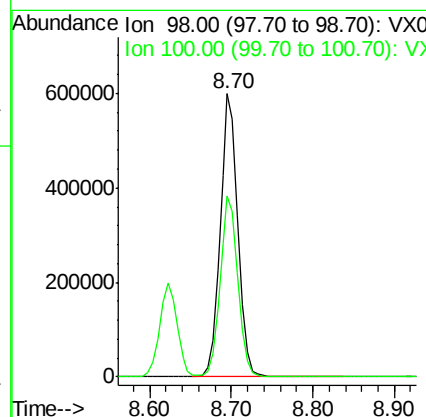
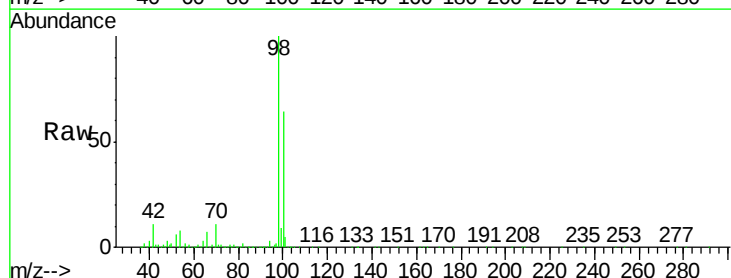
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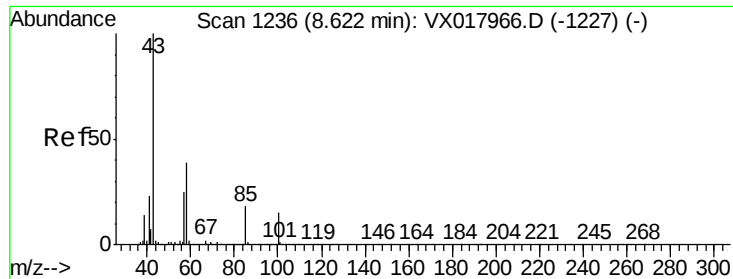
MMDadoda
8/20/2020 9:17:54 AM



#50
Toluene-d8
Concen: 46.357 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 237.093 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1914826

Ion Ratio Lower Upper

43 100

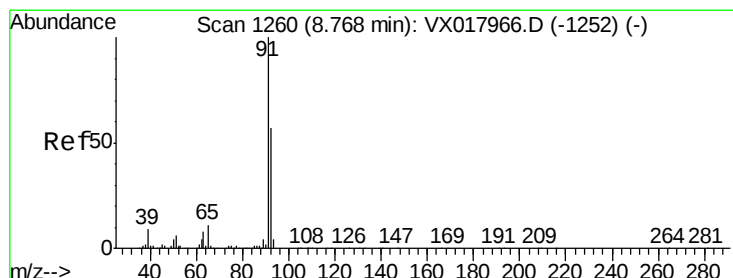
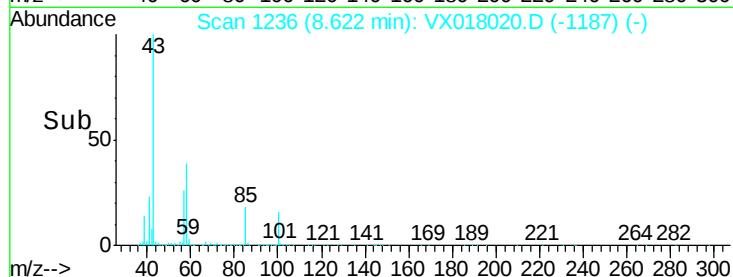
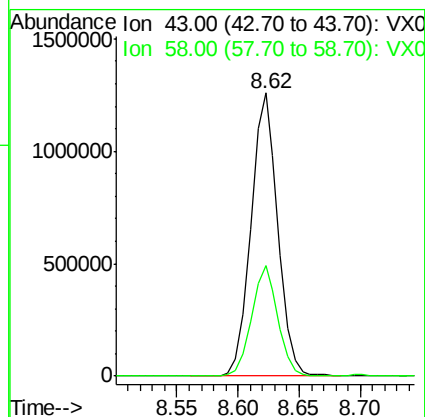
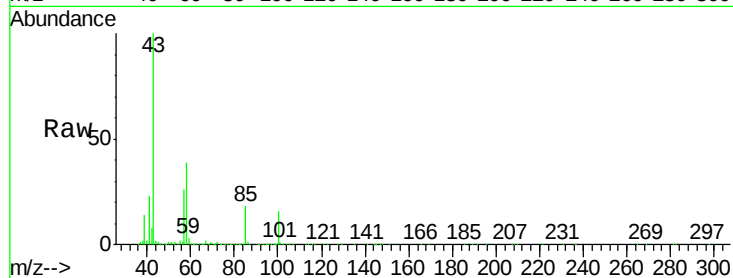
58 38.2 31.0 46.4

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#52

Toluene

Concen: 48.430 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018020.D

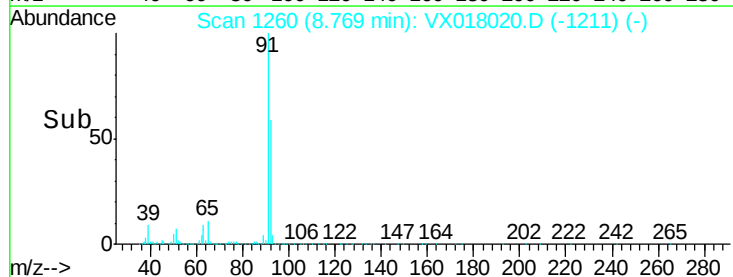
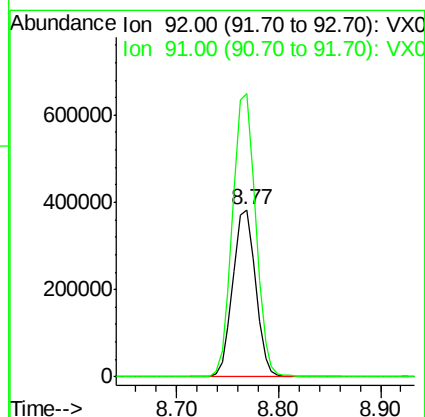
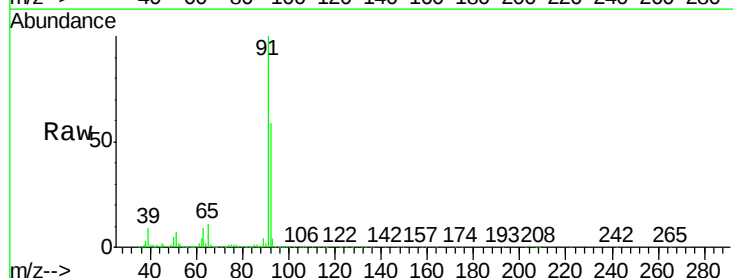
Acq: 20 Aug 2020 06:08

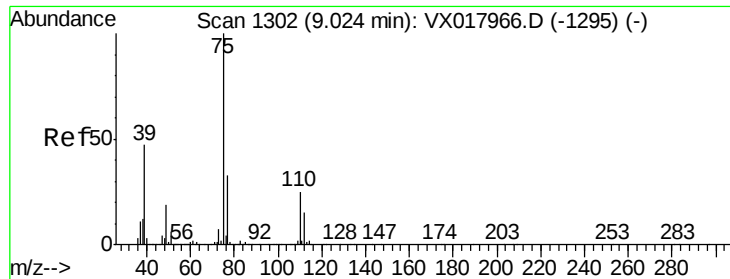
Tgt Ion: 92 Resp: 592677

Ion Ratio Lower Upper

92 100

91 171.5 138.4 207.6





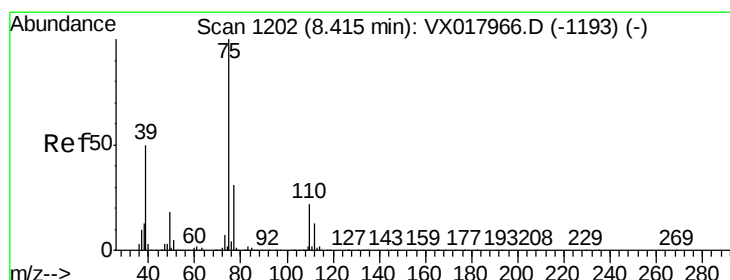
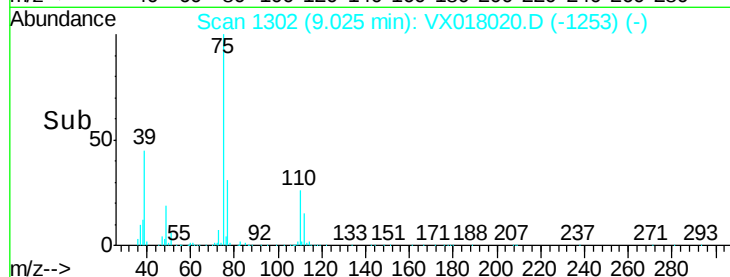
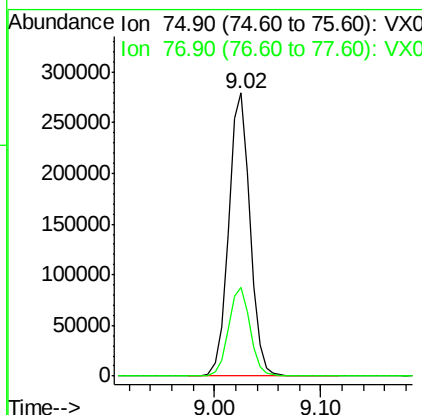
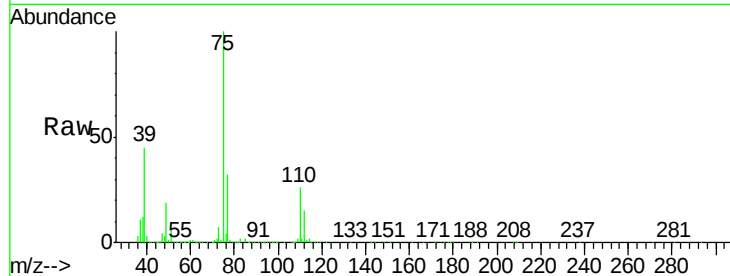
#53
t-1,3-Dichloropropene
Concen: 45.743 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.1	39.1

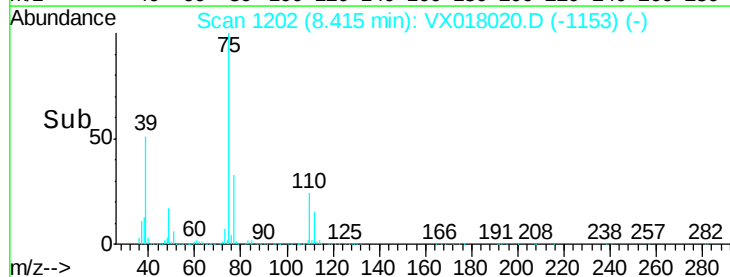
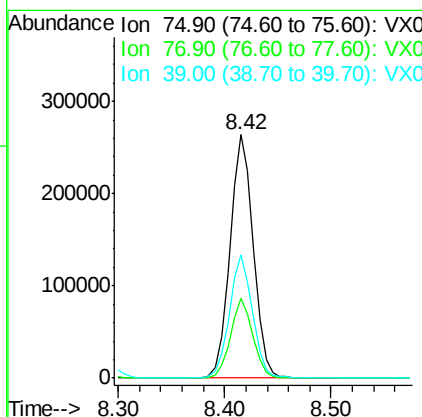
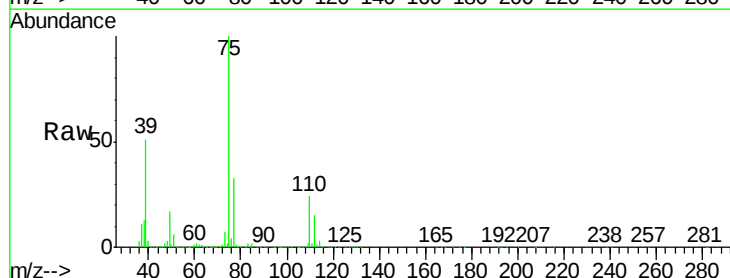
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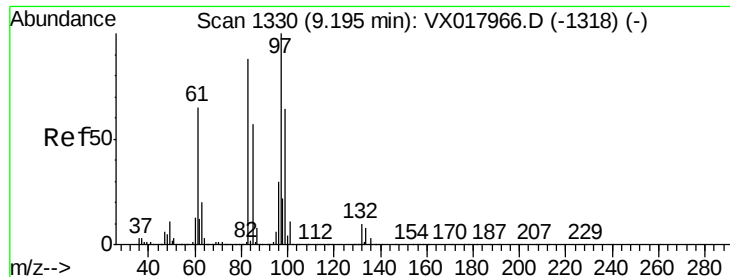
MMDadoda
8/20/2020 9:17:54 AM



#54
cis-1,3-Dichloropropene
Concen: 45.137 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.6	36.8
39	50.6	39.7	59.5





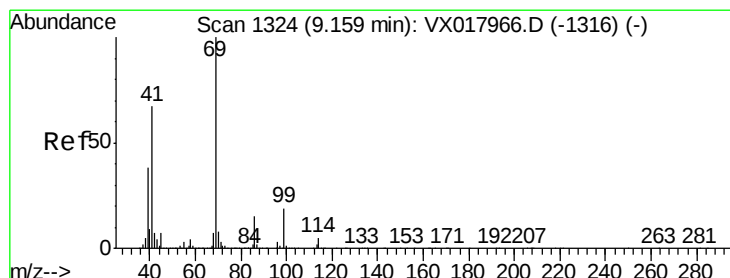
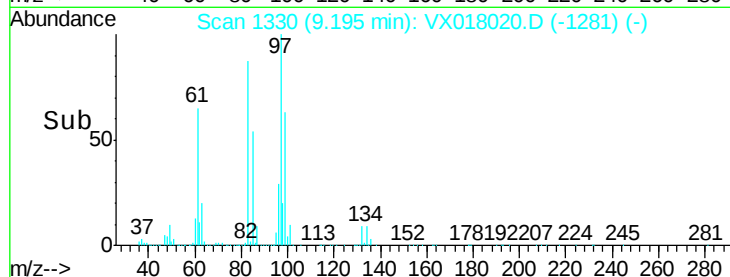
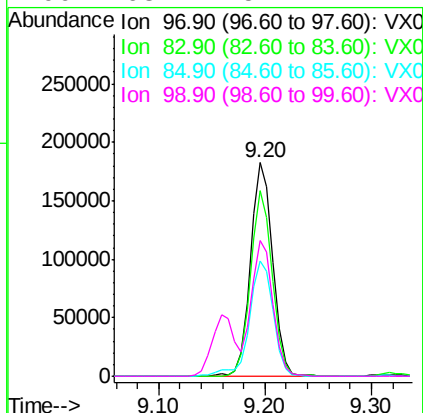
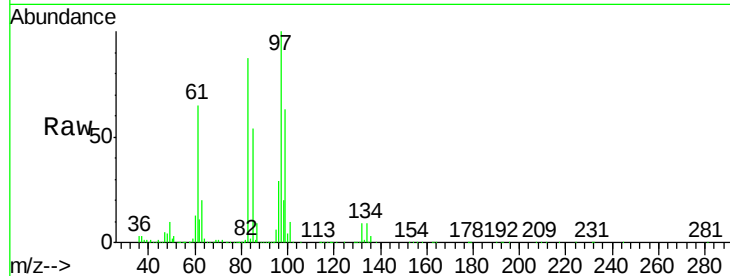
#55
 1,1,2-Trichloroethane
 Concen: 47.663 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		267965		
83	86.7	70.1	105.1		
85	54.2	45.8	68.8		
99	63.4	51.4	77.2		

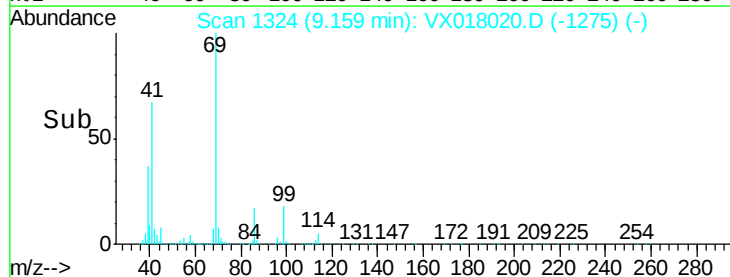
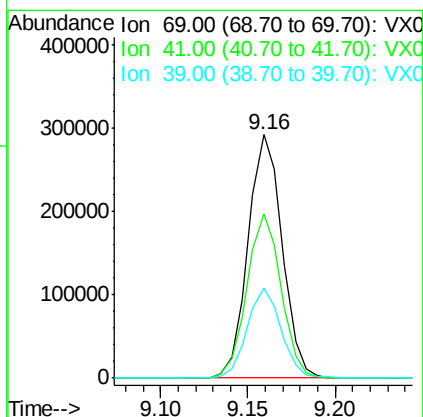
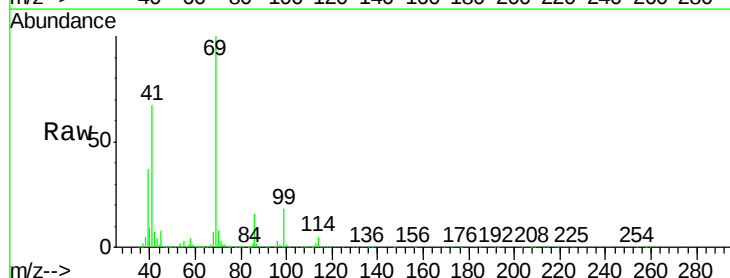
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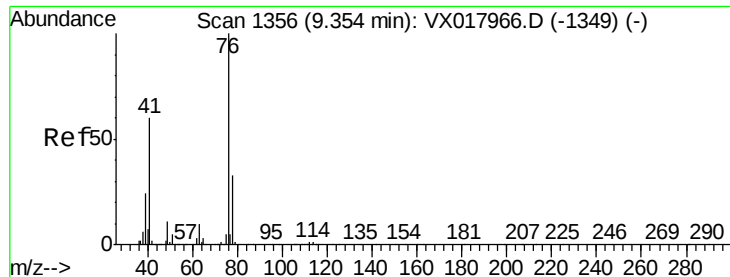
MMDadoda
 8/20/2020 9:17:54 AM



#56
 Ethyl methacrylate
 Concen: 49.854 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		396281		
41	67.7	52.3	78.5		
39	36.7	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 48.325 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 431486

Ion Ratio Lower Upper

76 100

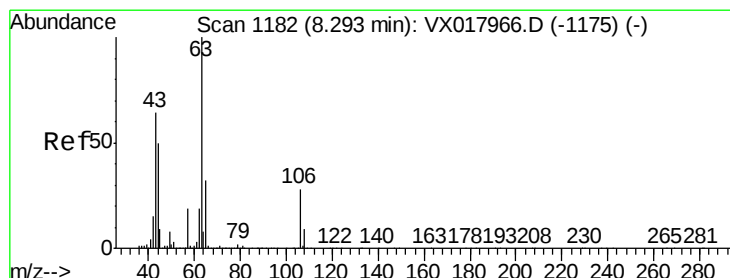
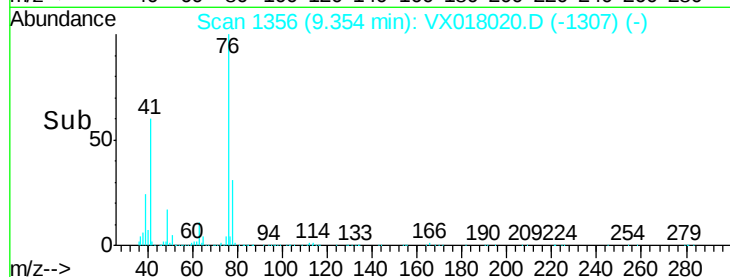
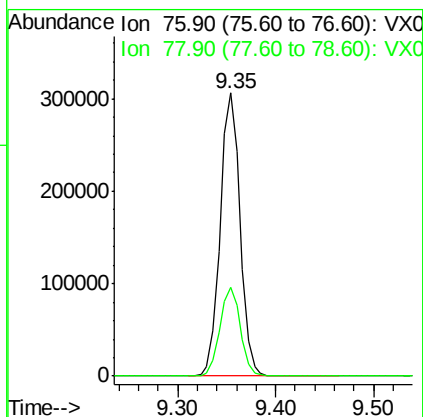
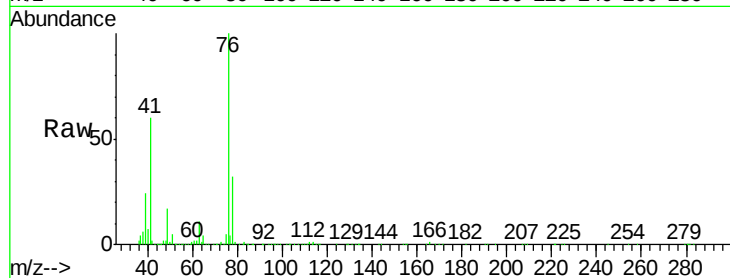
78 32.4 26.4 39.6

Manual Integrations

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8/20/2020 9:17:54 AM



#58

2-Chloroethyl Vinyl ether

Concen: 227.914 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018020.D

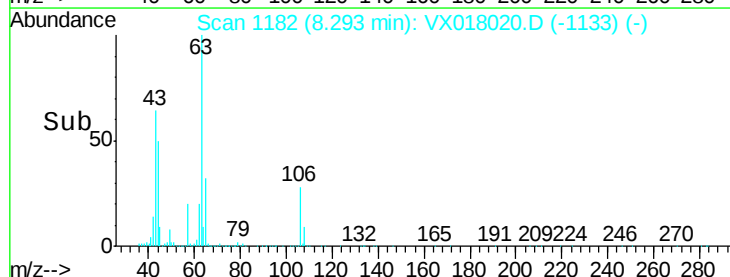
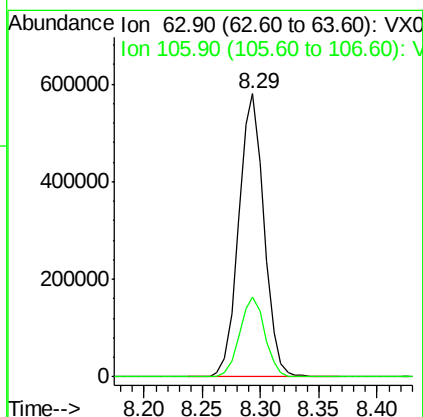
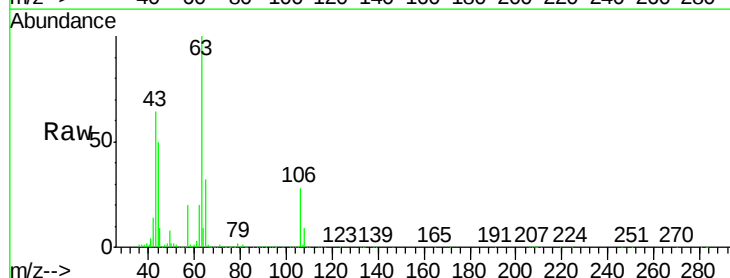
Acq: 20 Aug 2020 06:08

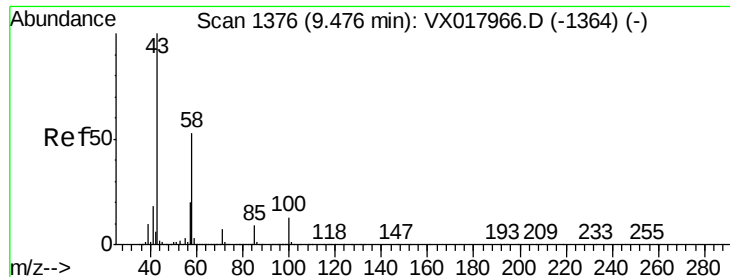
Tgt Ion: 63 Resp: 877312

Ion Ratio Lower Upper

63 100

106 28.2 23.0 34.4





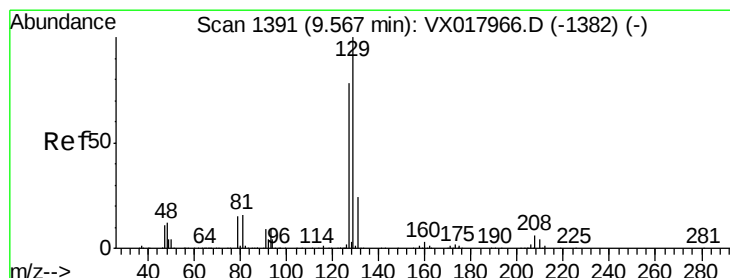
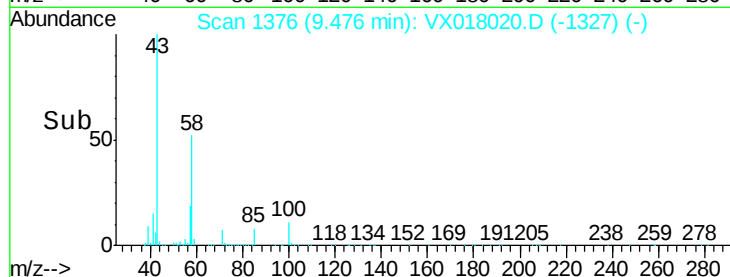
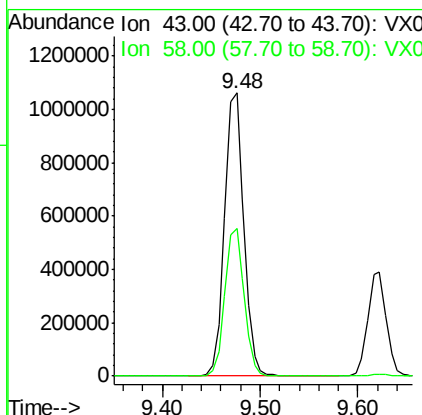
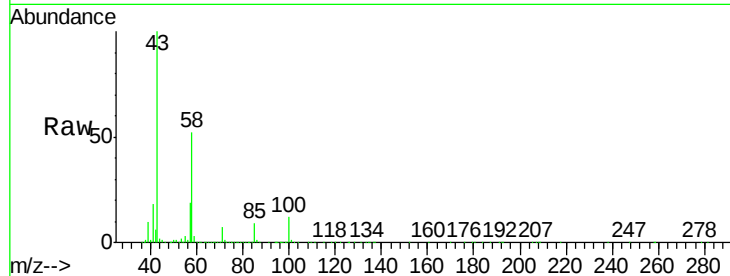
#59
2-Hexanone
Concen: 237.173 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1451424
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0

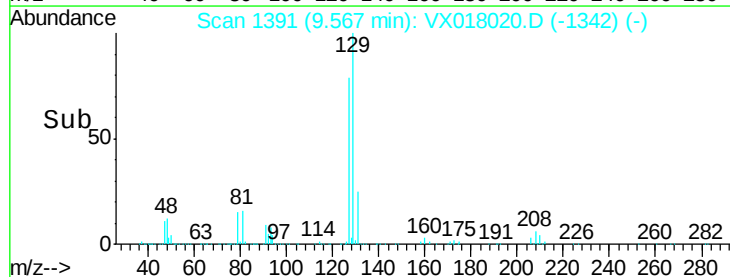
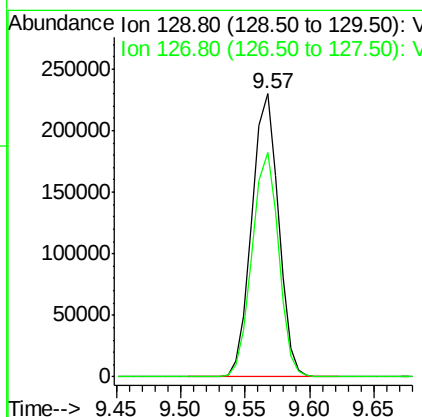
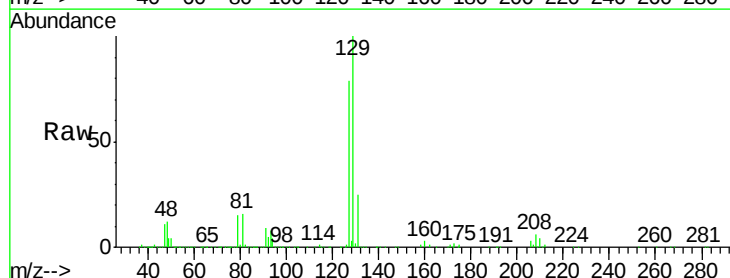
Manual Integrations
APPROVED

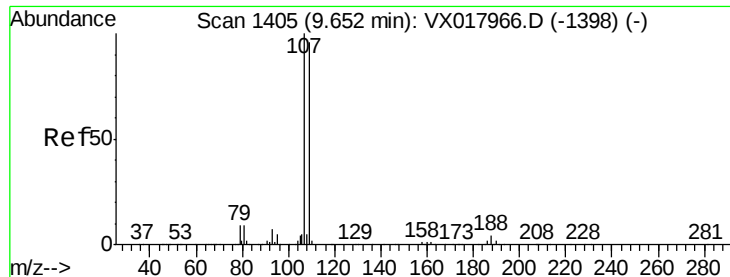
MMDadoda
8/20/2020 9:17:54 AM



#60
Dibromochloromethane
Concen: 46.729 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion: 129 Resp: 328114
Ion Ratio Lower Upper
129 100
127 78.7 39.5 118.3





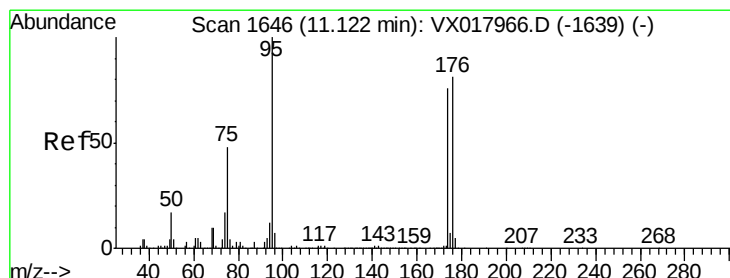
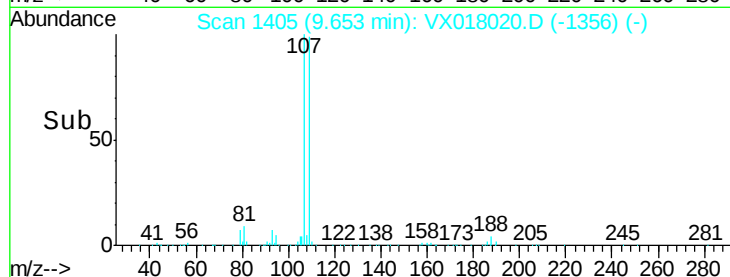
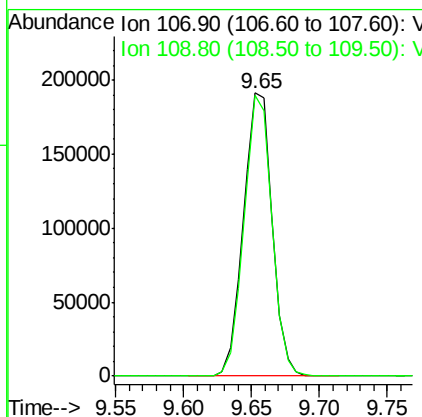
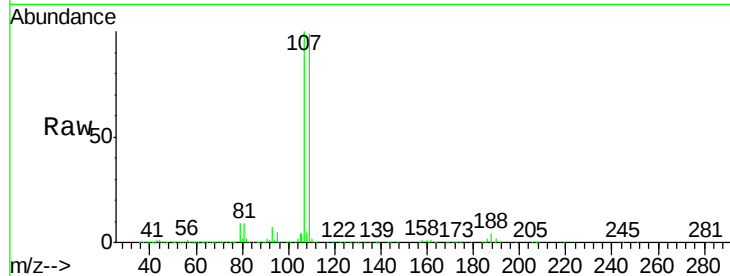
#61
 1,2-Dibromoethane
 Concen: 45.359 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.8	75.5	113.3

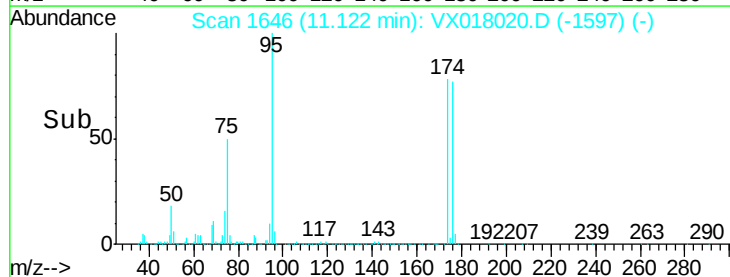
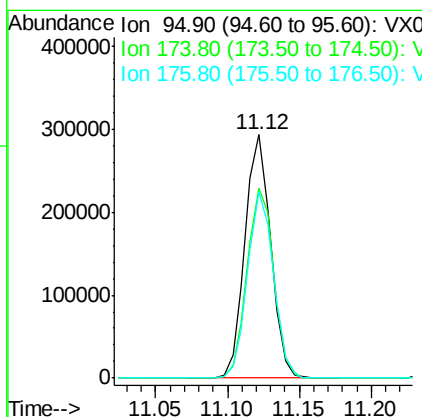
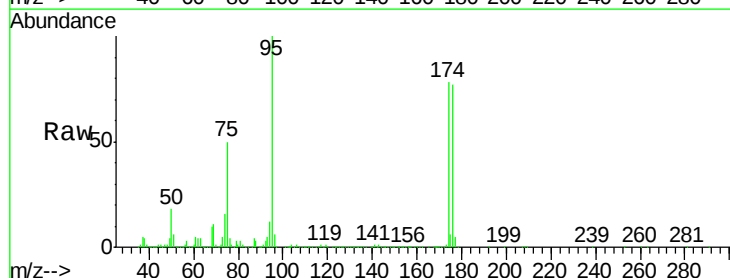
Manual Integrations
 APPROVED

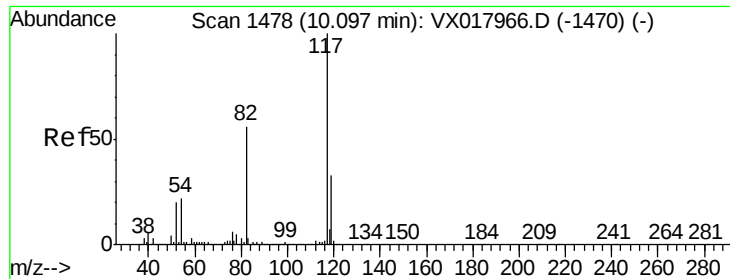
MMDadoda
 8/20/2020 9:17:54 AM



#62
 4-Bromofluorobenzene
 Concen: 50.336 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	166.0
176	77.0	0.0	161.0





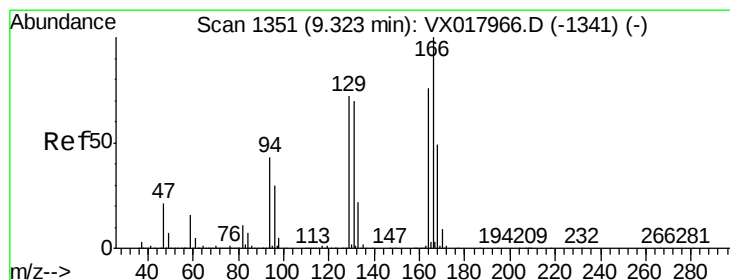
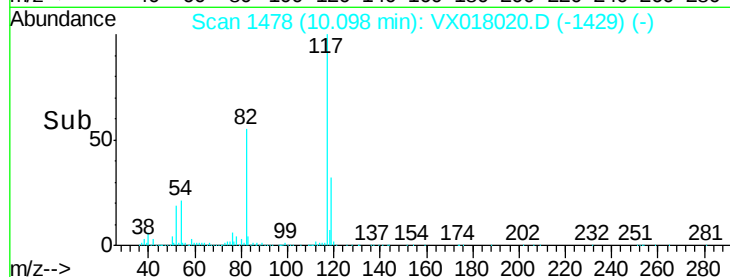
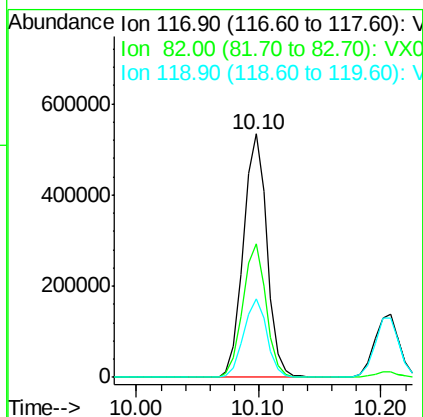
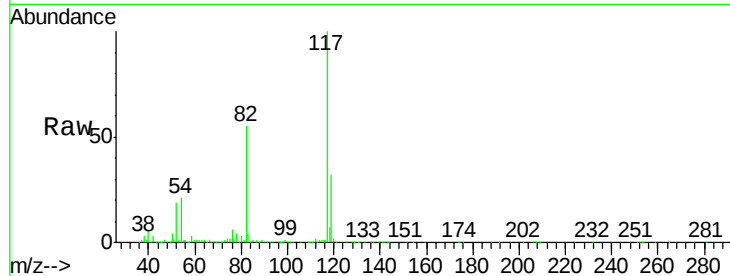
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	712365		
82	54.8		44.6	66.8
119	32.1		26.2	39.4

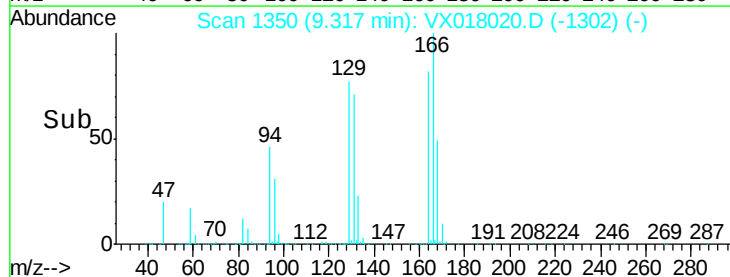
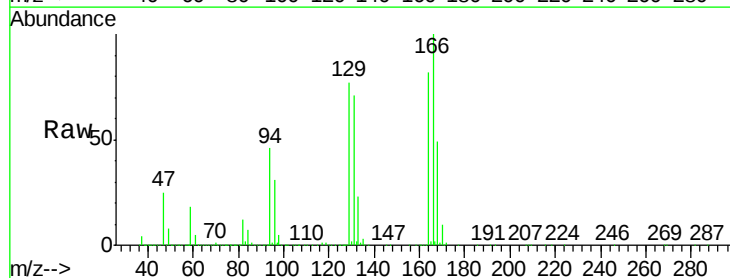
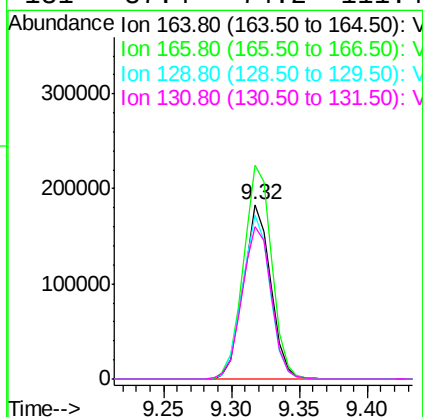
Manual Integrations
APPROVED

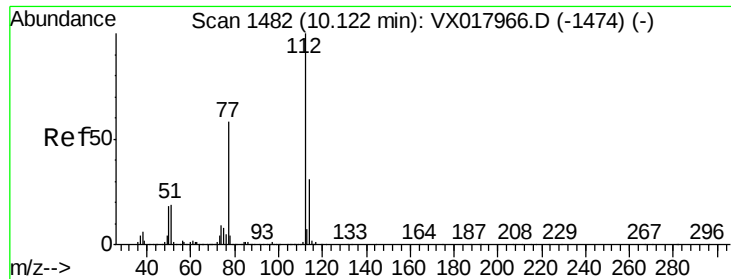
MMDadoda
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#64
Tetrachloroethene
Concen: 47.600 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	258956		
166	122.4		105.7	158.5
129	94.2		75.8	113.8
131	87.4		74.2	111.4





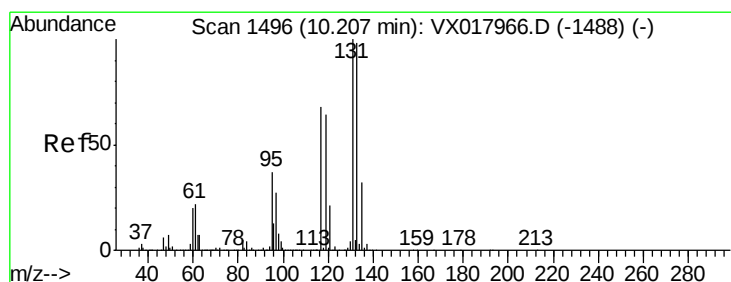
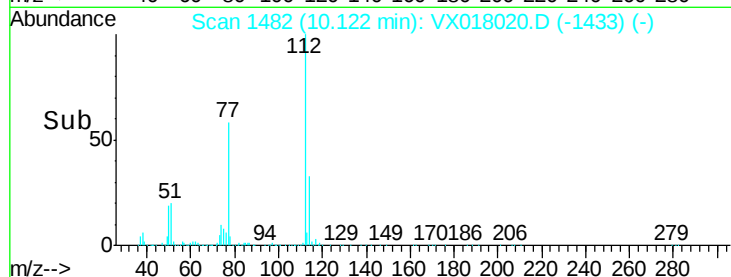
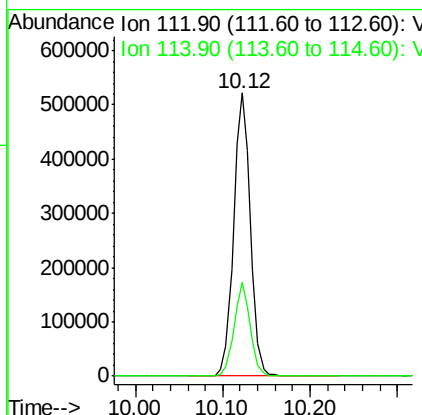
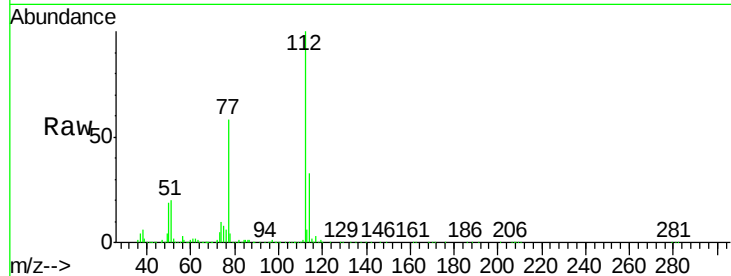
#65
Chlorobenzene
Concen: 49.416 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.0	37.6

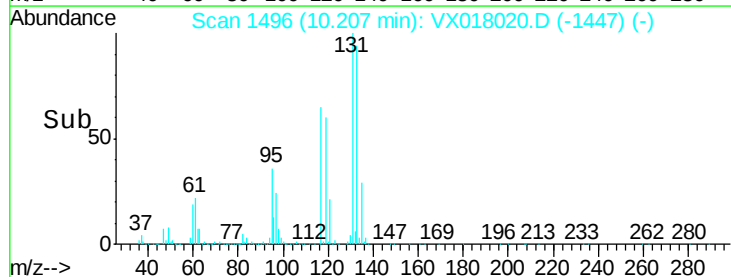
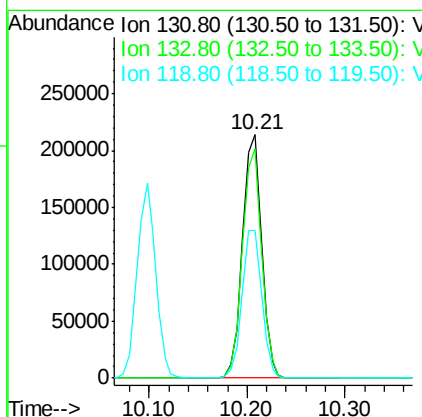
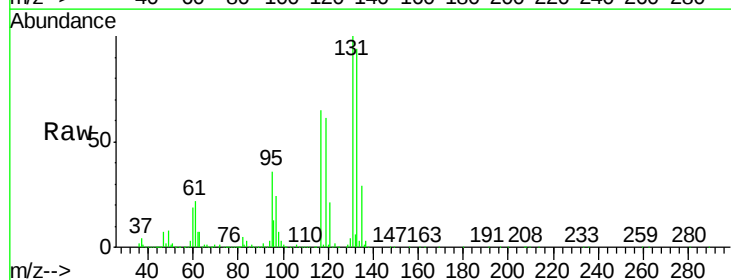
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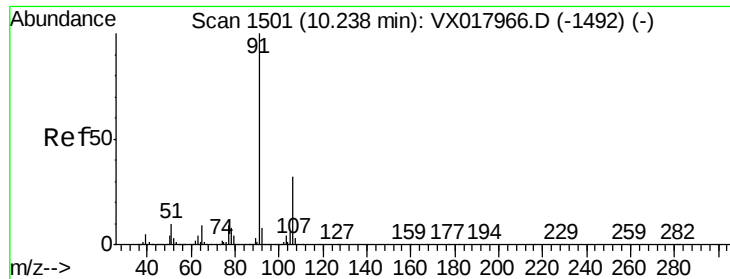
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.055 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	48.4	145.3
119	62.6	31.6	94.8





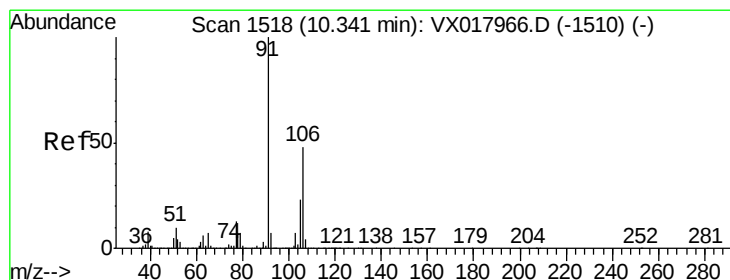
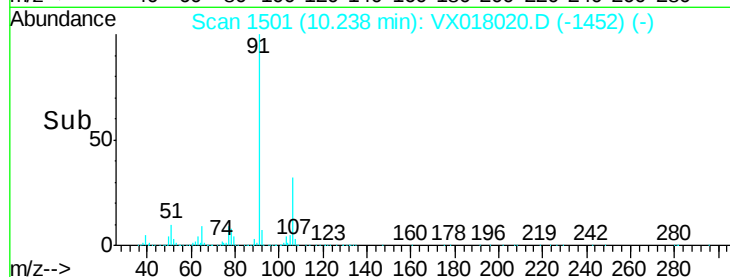
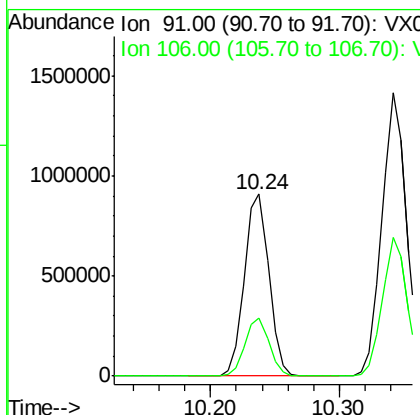
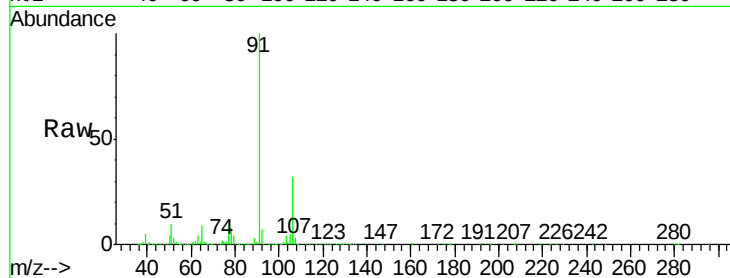
#67
Ethyl Benzene
Concen: 51.145 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1192242
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

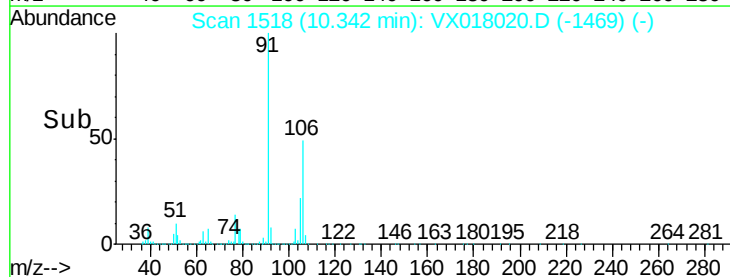
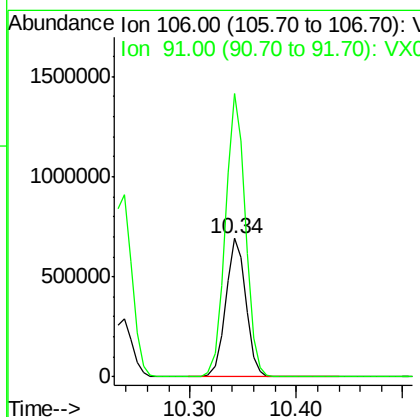
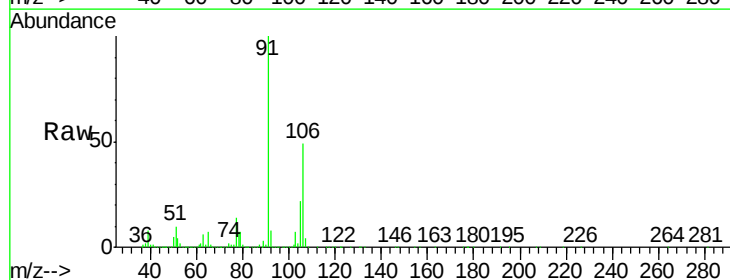
Manual Integrations
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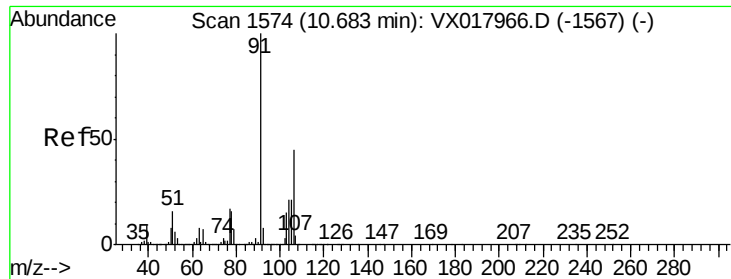
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8/20/2020 9:17:54 AM



#68
m/p-Xylenes
Concen: 102.144 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion: 106 Resp: 916669
Ion Ratio Lower Upper
106 100
91 202.9 167.4 251.2





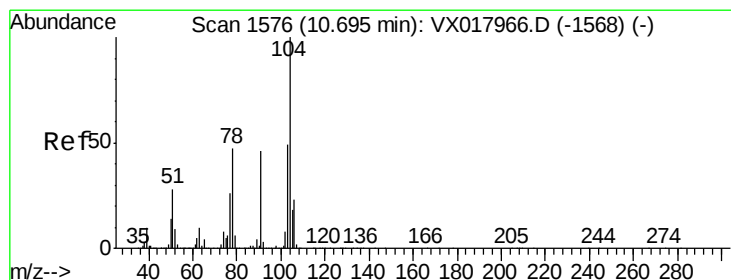
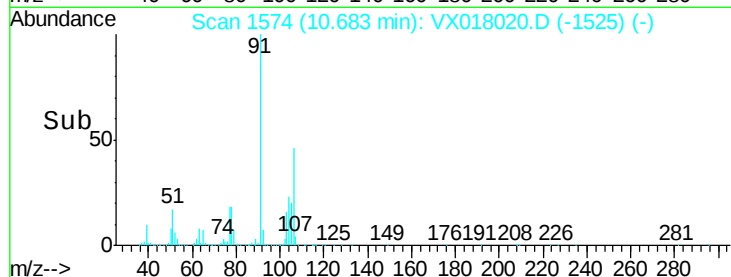
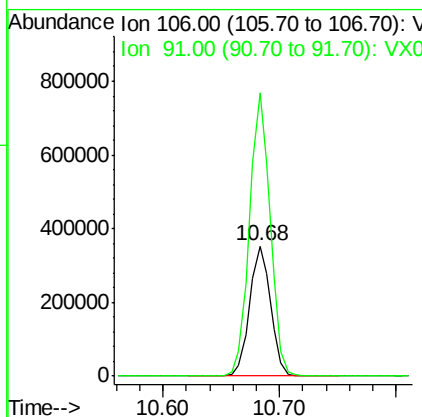
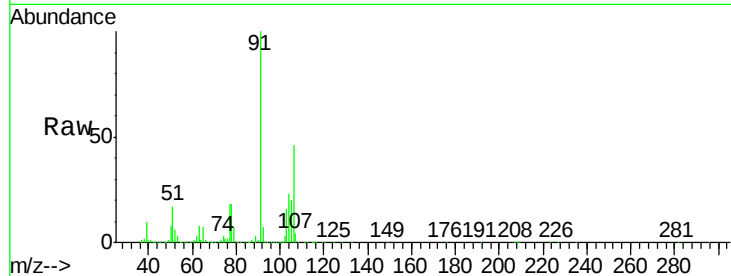
#69
o-Xylene
Concen: 51.230 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	108.1	324.2

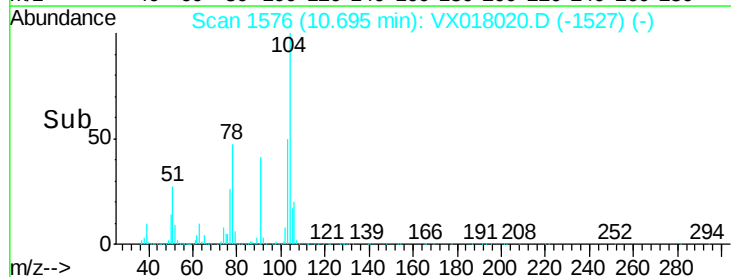
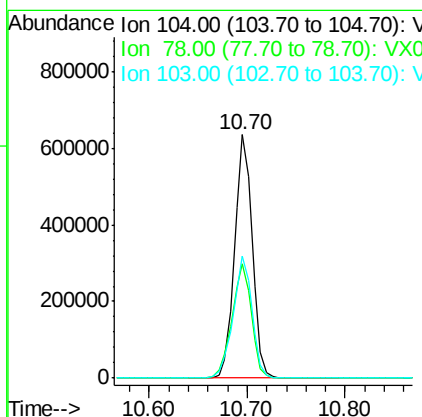
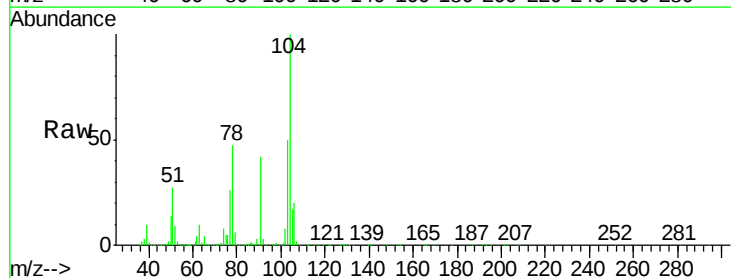
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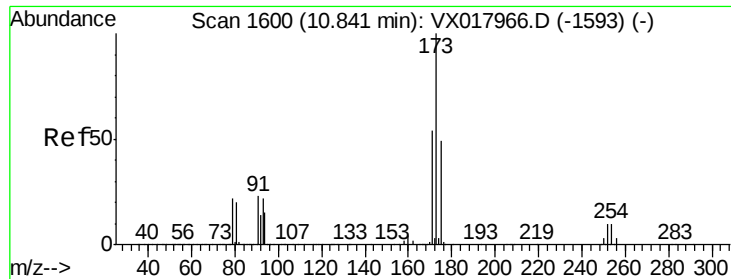
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#70
Styrene
Concen: 53.309 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.3	61.9
103	53.6	42.9	64.3





#71

Bromoform

Concen: 49.513 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

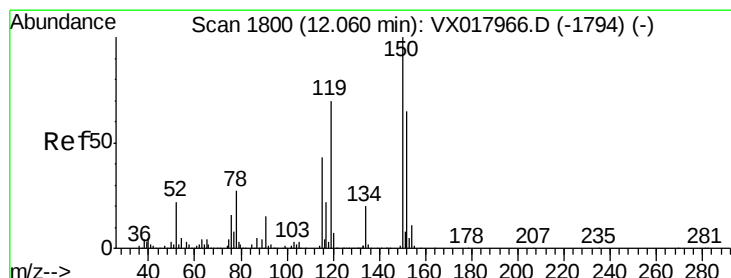
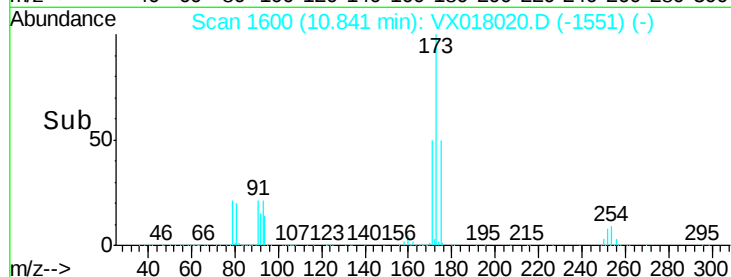
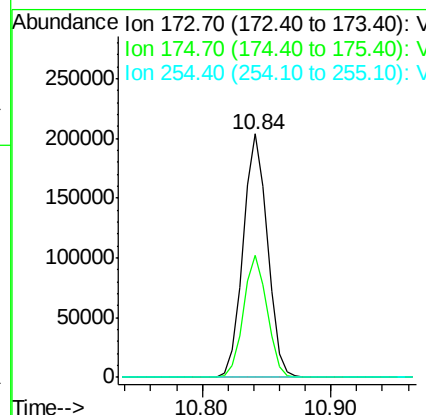
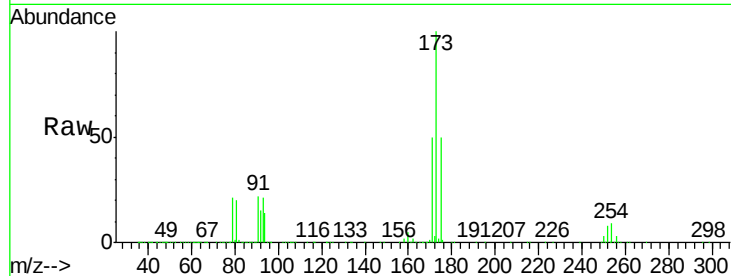
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	265821
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.4	73.2
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

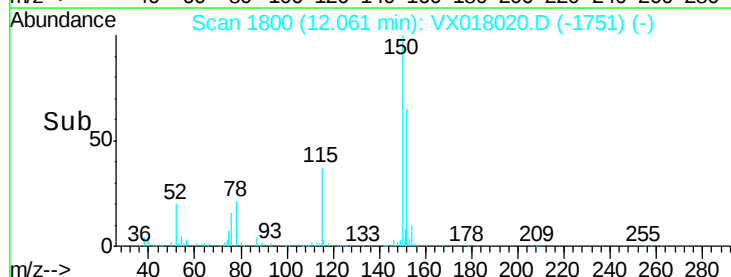
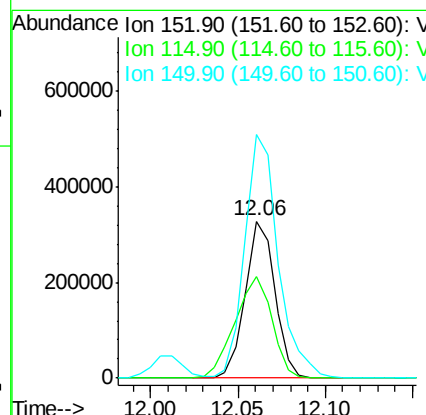
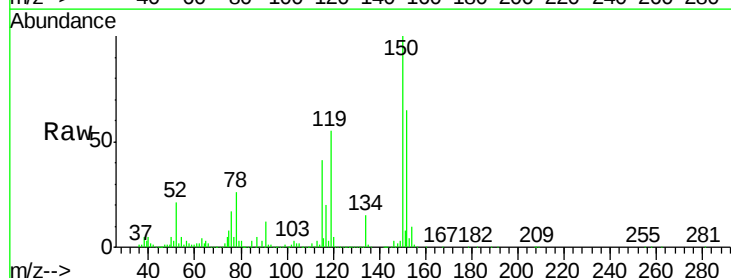
RT: 12.06 min Scan# 1800

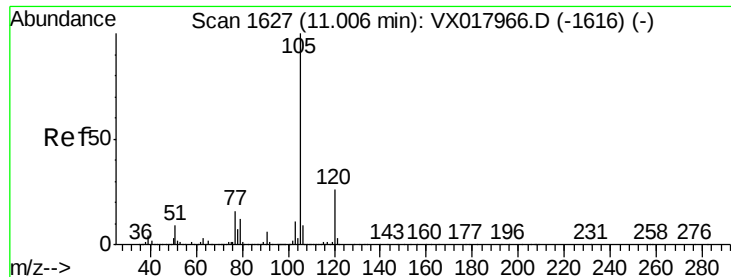
Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion:	152	Resp:	388594
Ion Ratio	Lower	Upper	
152	100		
115	80.7	40.6	121.7
150	174.2	0.0	346.4





#73

Isopropylbenzene

Concen: 48.786 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1220221

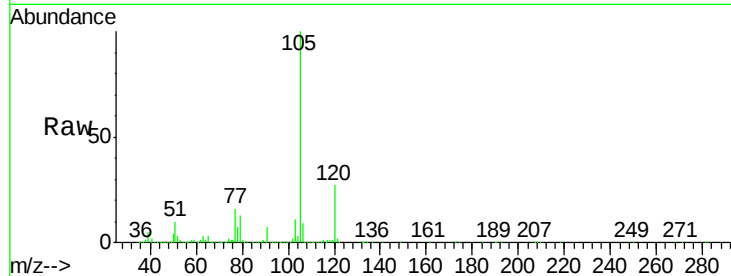
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4

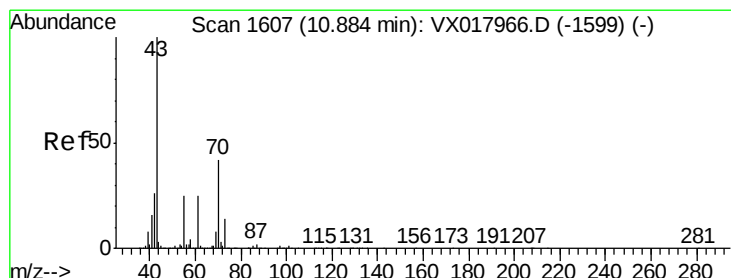
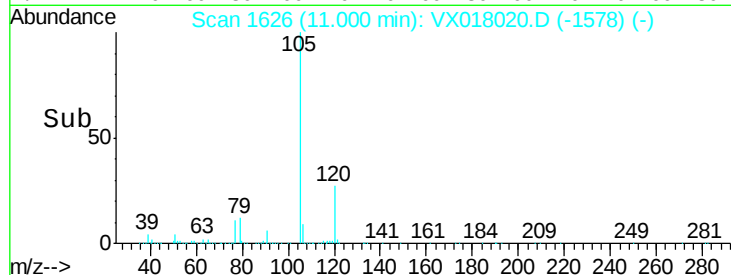
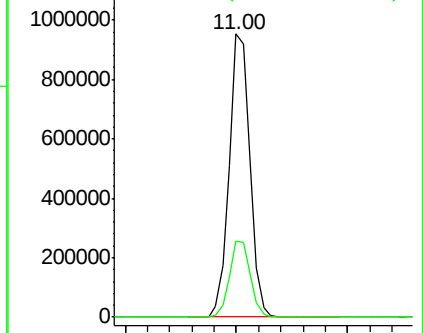
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.071 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion: 43 Resp: 534794

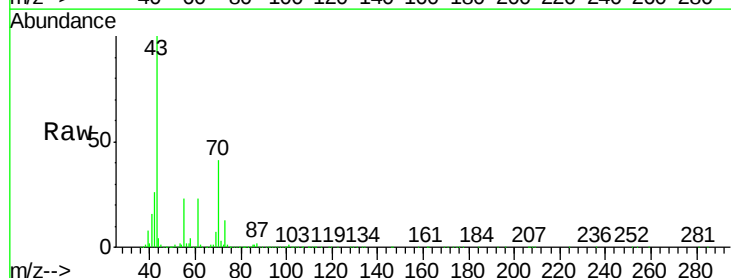
Ion Ratio Lower Upper

43 100

70 41.7 32.9 49.3

55 23.8 19.3 28.9

61 23.9 19.6 29.4

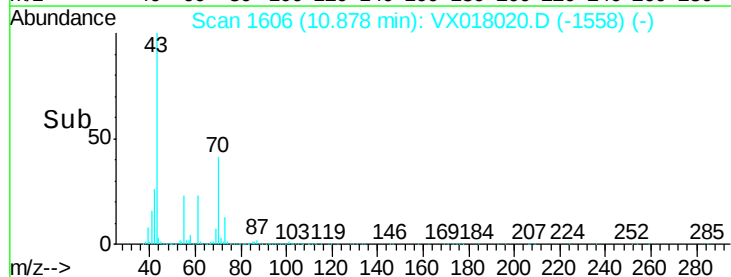
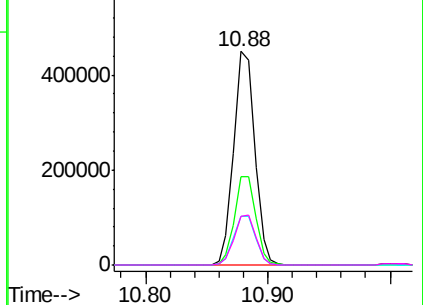


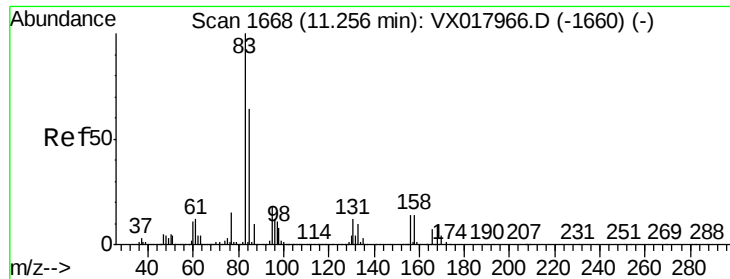
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.346 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 404388

Ion Ratio Lower Upper

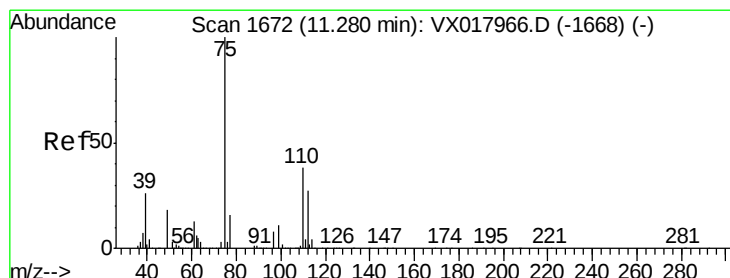
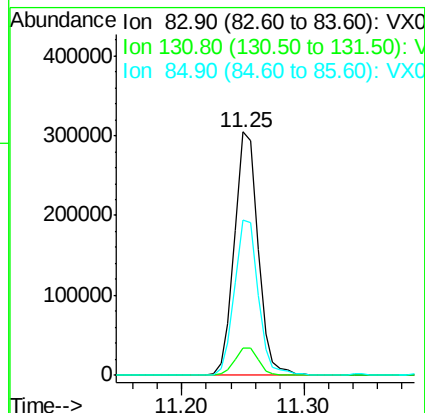
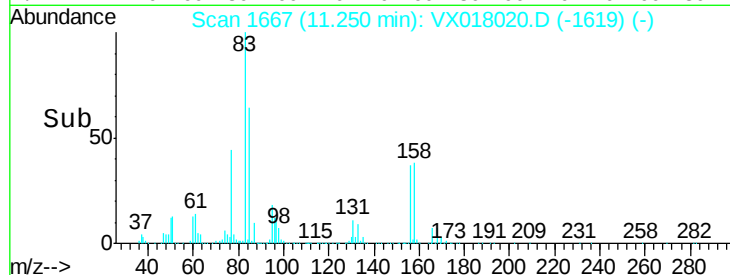
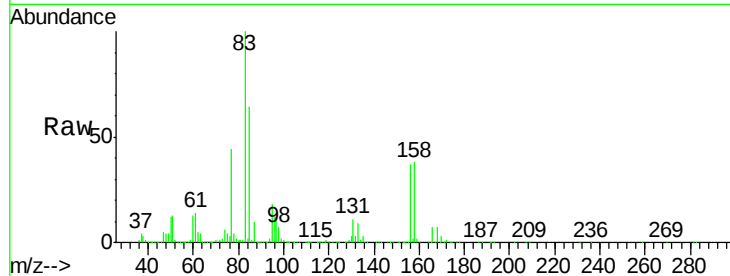
83 100

131 11.2 5.7 17.0

85 64.5 32.2 96.6

Manual Integrations
APPROVED

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#76

1,2,3-Trichloropropane

Concen: 46.286 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018020.D

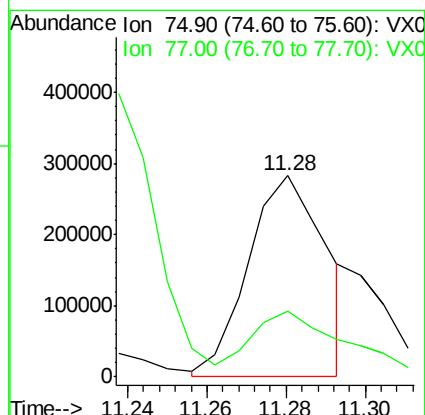
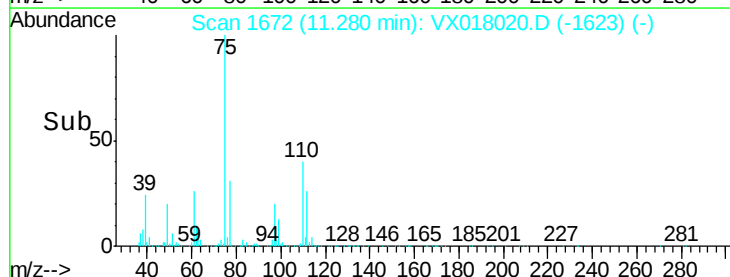
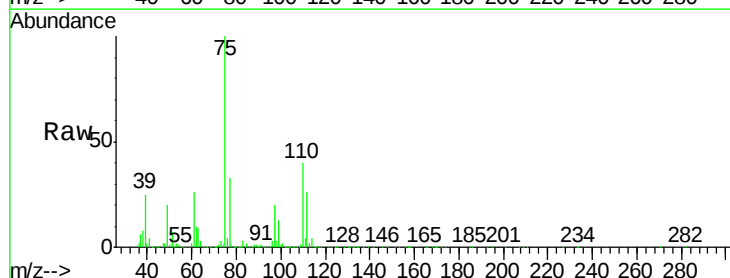
Acq: 20 Aug 2020 06:08

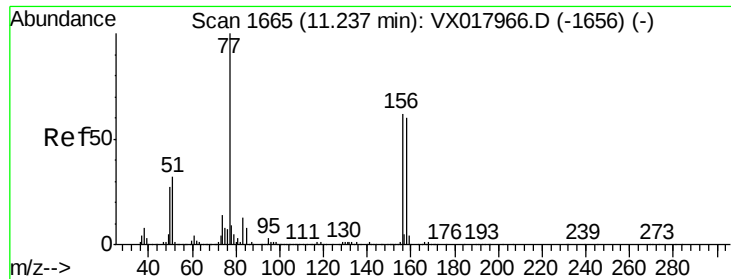
Tgt Ion: 75 Resp: 382507

Ion Ratio Lower Upper

75 100

77 40.7 21.1 63.1





#77

Bromobenzene

Concen: 48.241 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 334764

Ion Ratio Lower Upper

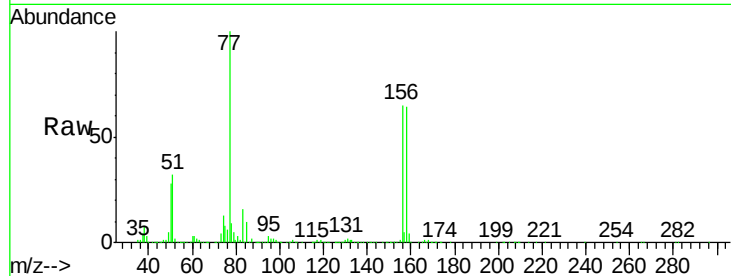
156 100

77 153.2 78.0 234.0

158 97.0 49.2 147.6

Manual Integrations
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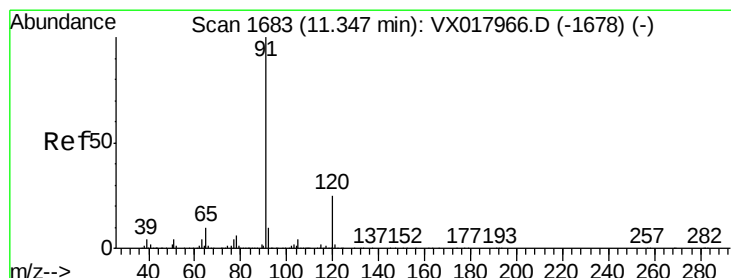
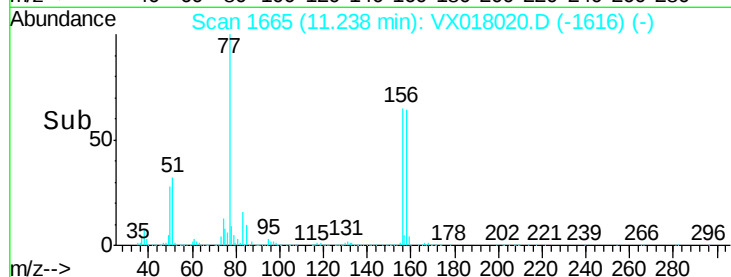
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.24

Time-->



#78

n-propylbenzene

Concen: 48.163 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018020.D

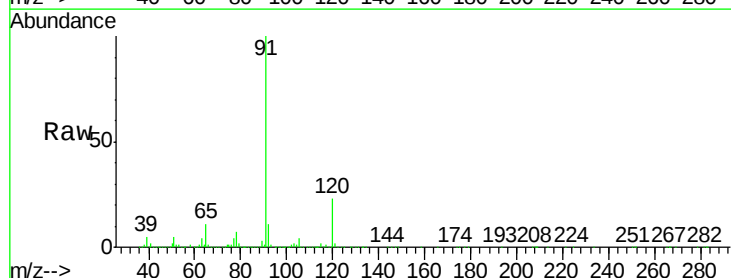
Acq: 20 Aug 2020 06:08

Tgt Ion: 91 Resp: 1408987

Ion Ratio Lower Upper

91 100

120 24.0 12.0 36.1

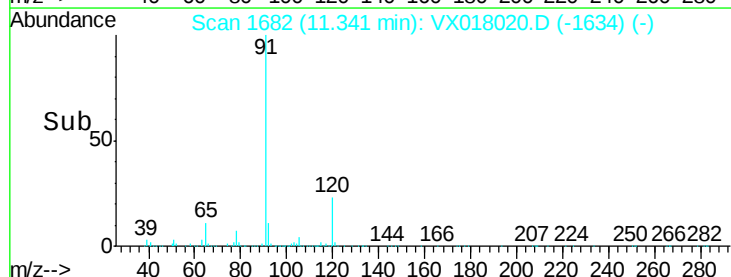


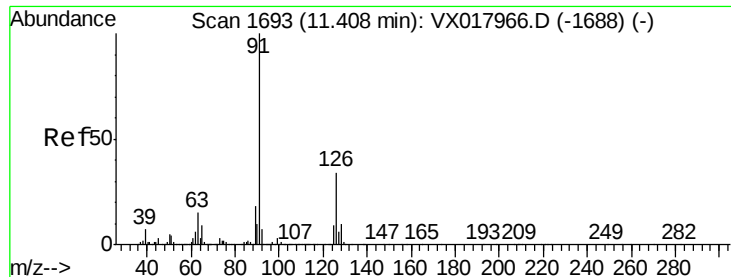
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

Time-->





#79

2-Chlorotoluene

Concen: 48.159 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 858590

Ion Ratio Lower Upper

91 100

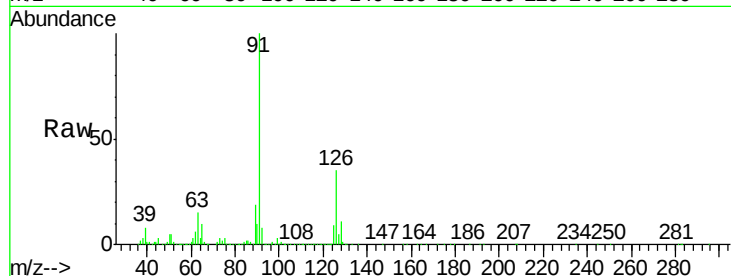
126 34.7 17.1 51.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX017966.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX017966.D (-1688) (-)

1200000

1000000

800000

600000

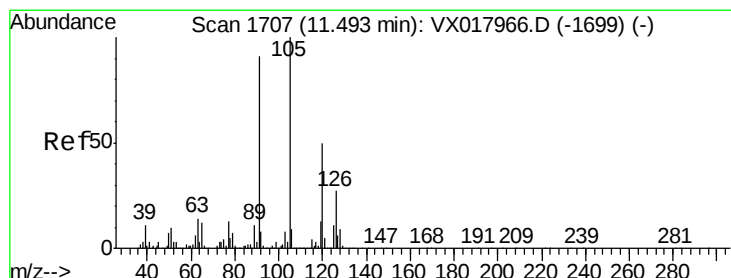
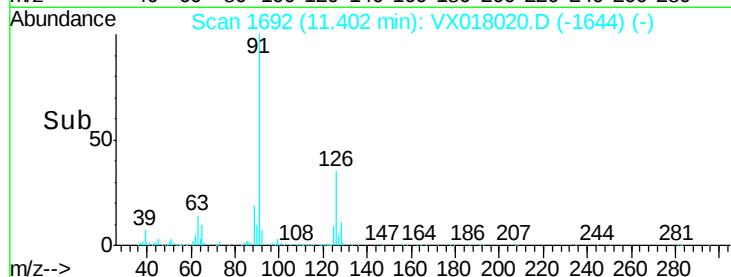
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.831 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018020.D

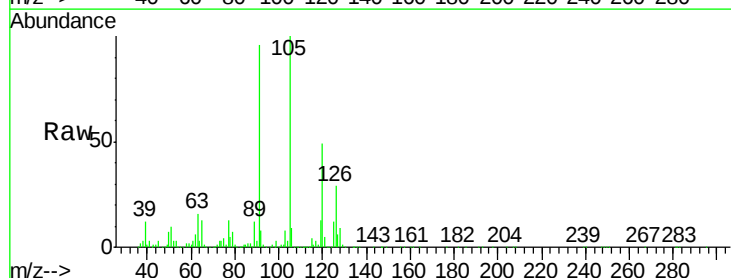
Acq: 20 Aug 2020 06:08

Tgt Ion: 105 Resp: 1072081

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX017966.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX017966.D (-1699) (-)

1000000

800000

600000

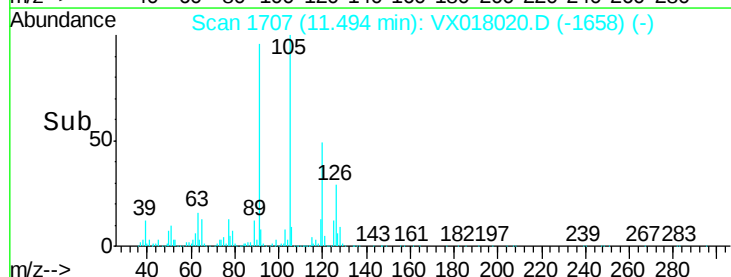
400000

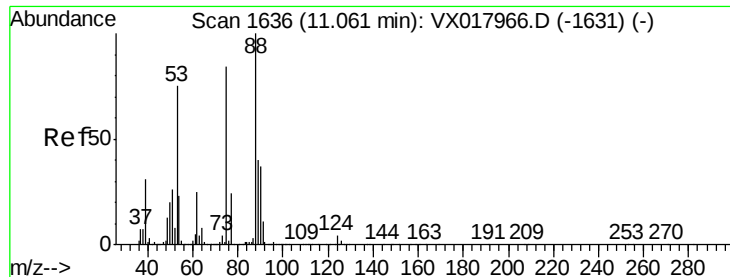
200000

0

11.45 11.50 11.55

Time-->





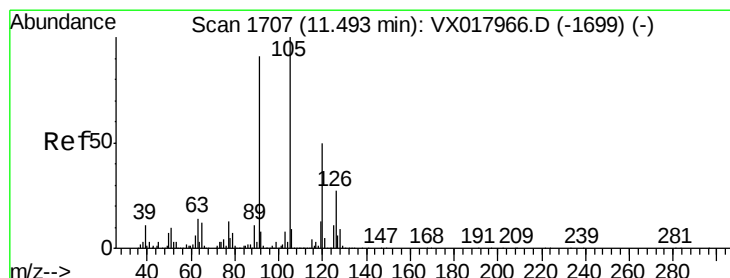
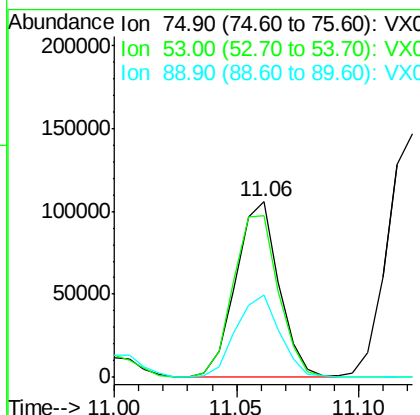
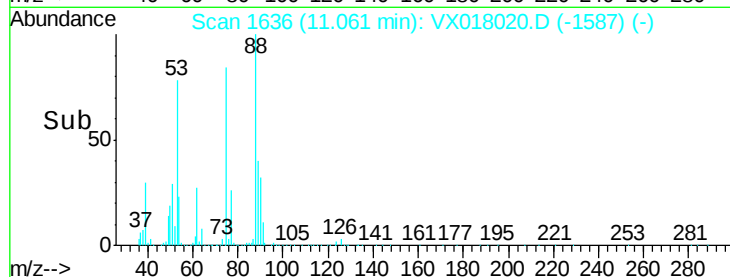
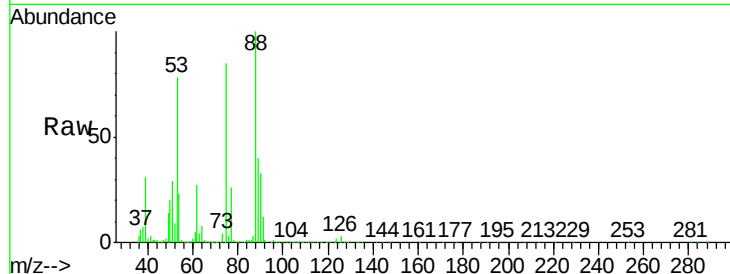
#81
trans-1,4-Dichloro-2-butene
Concen: 41.189 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	75.2	112.8
89	48.3	38.4	57.6

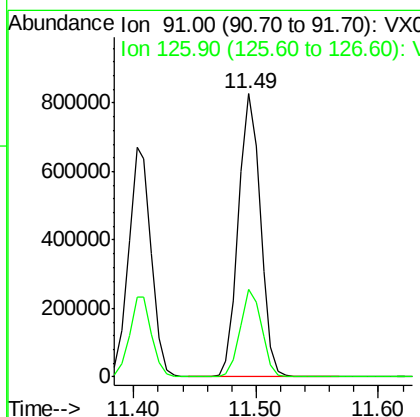
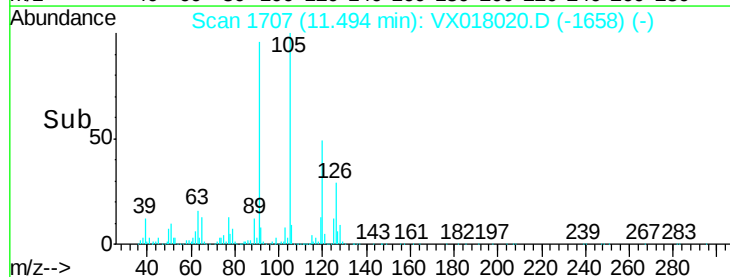
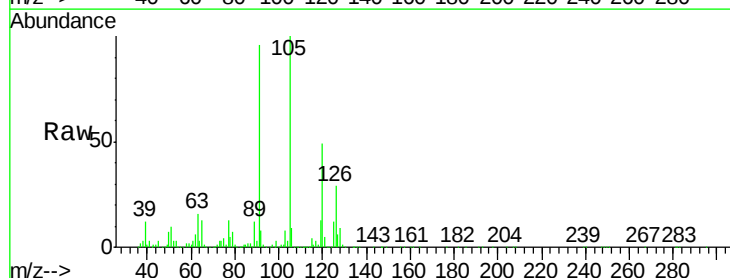
Manual Integrations
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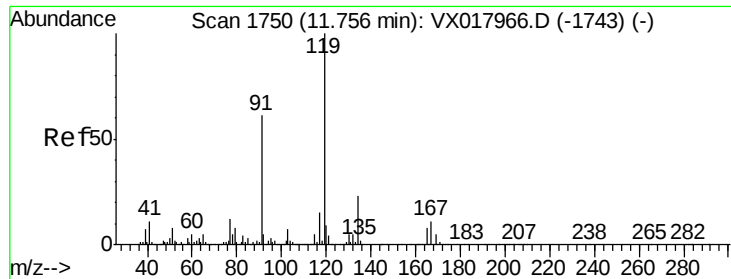
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#82
4-Chlorotoluene
Concen: 48.734 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.0	45.0





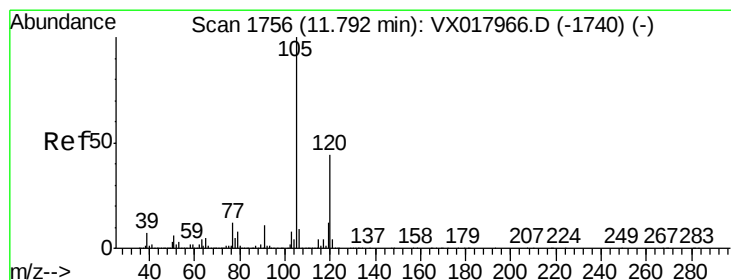
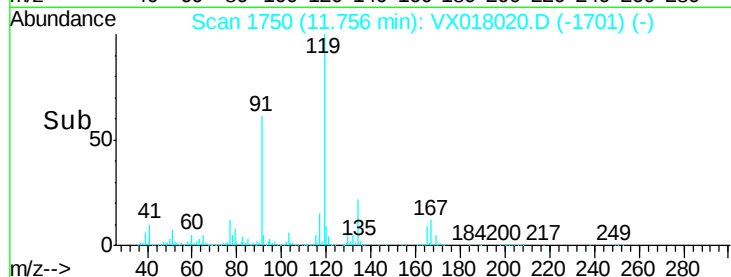
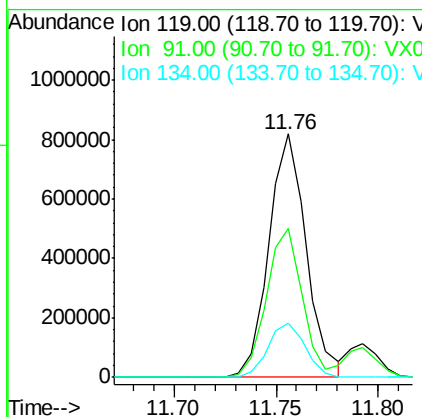
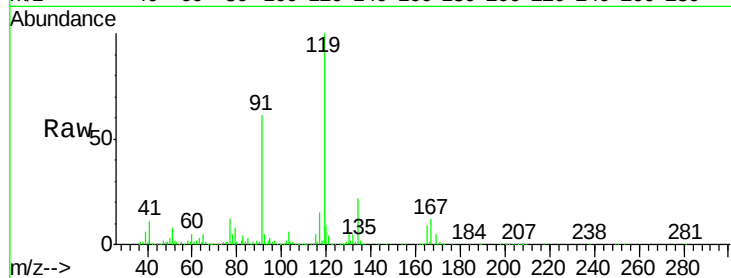
#83
tert-Butylbenzene
Concen: 50.325 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	30.1	90.5
134	22.3	11.1	33.1

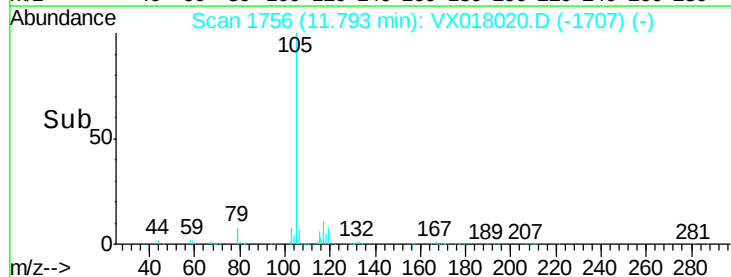
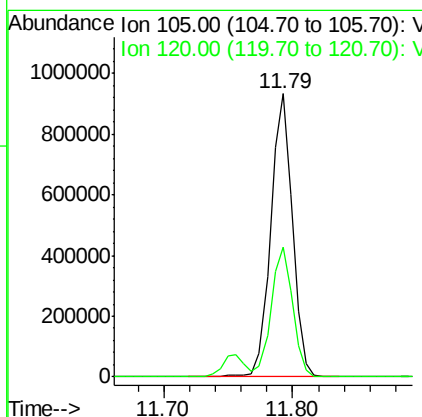
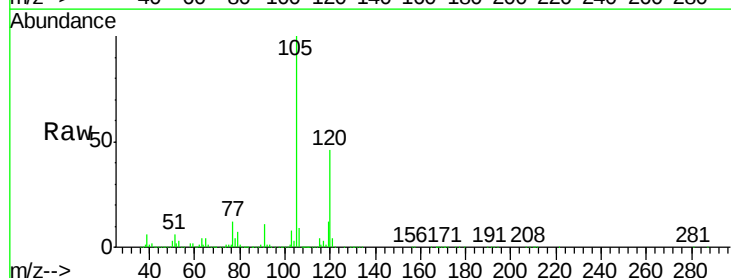
Manual Integrations
APPROVED

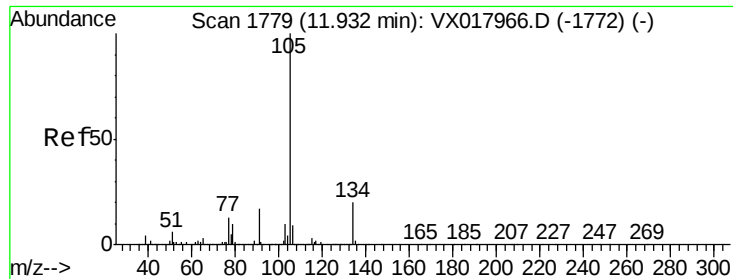
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#84
1,2,4-Trimethylbenzene
Concen: 48.263 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.1	66.1





#85

sec-Butylbenzene

Concen: 48.377 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1210823

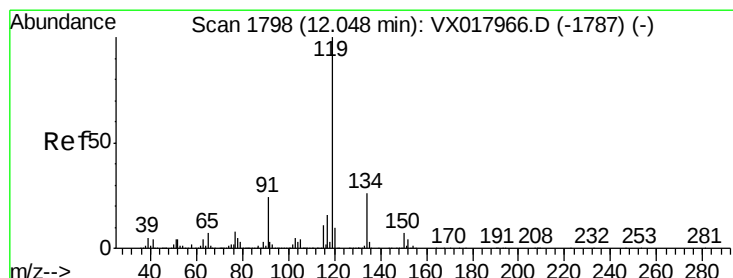
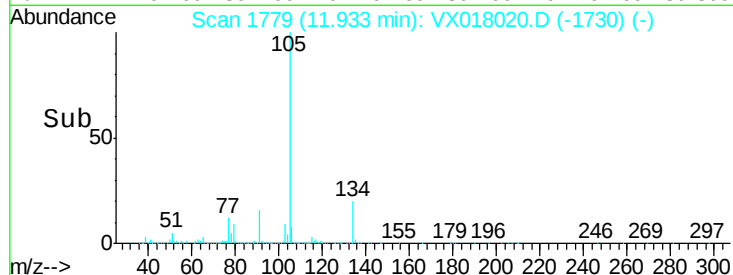
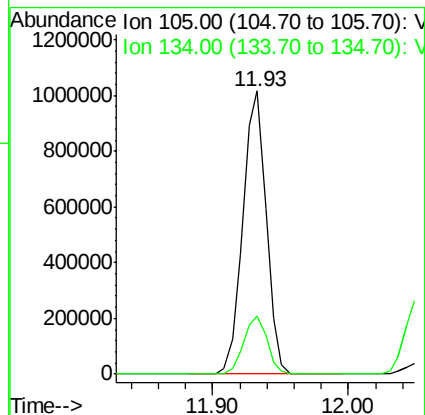
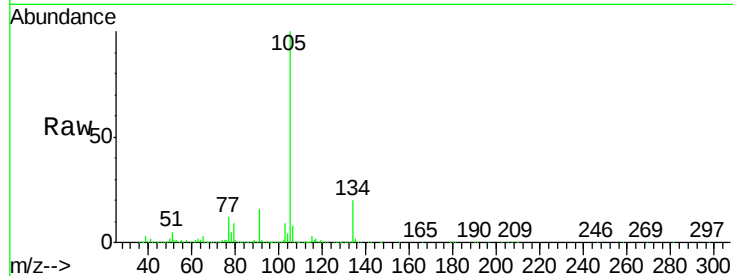
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9

Manual Integrations
APPROVED

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8/20/2020 9:17:54 AM



#86

p-Isopropyltoluene

Concen: 48.786 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

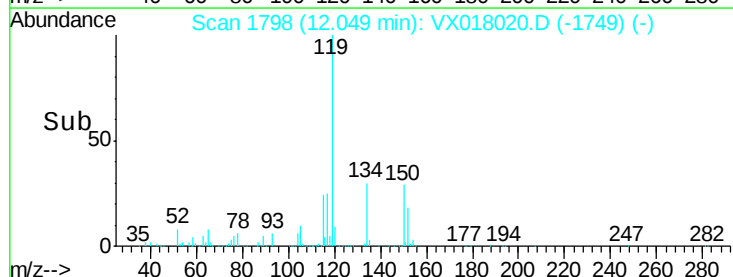
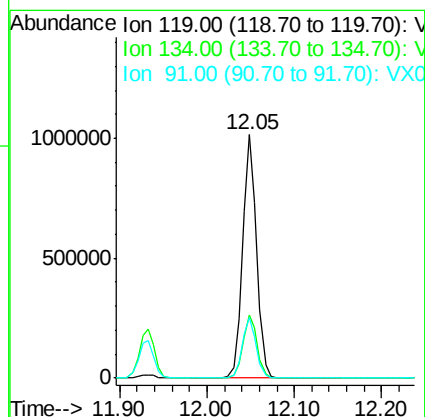
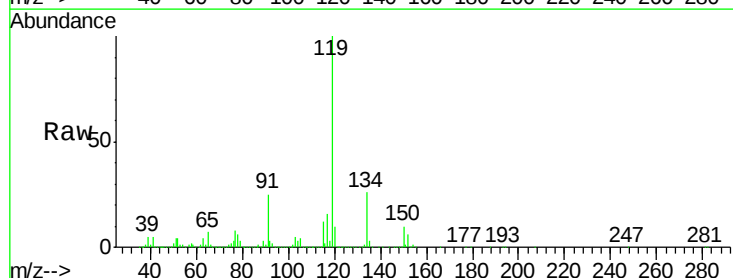
Tgt Ion:119 Resp: 1135874

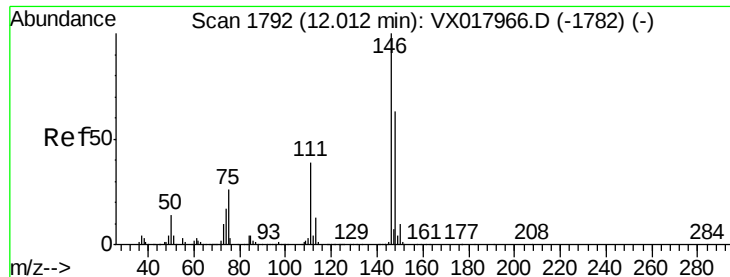
Ion Ratio Lower Upper

119 100

134 26.3 12.7 38.0

91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 49.045 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

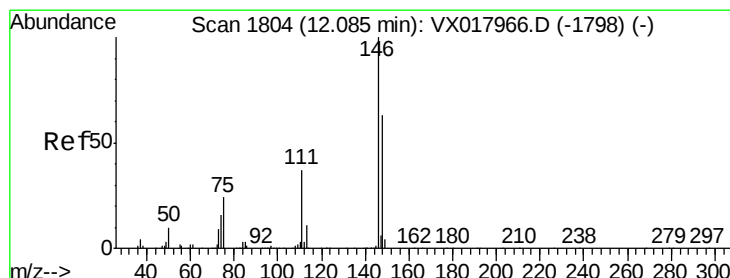
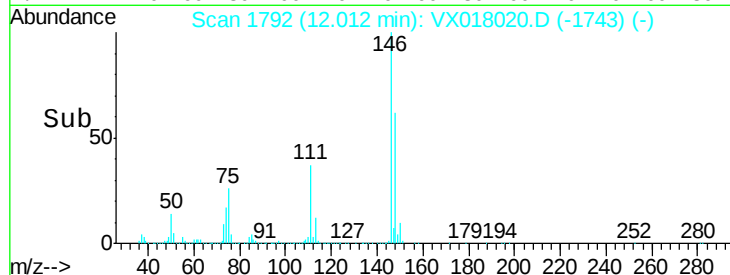
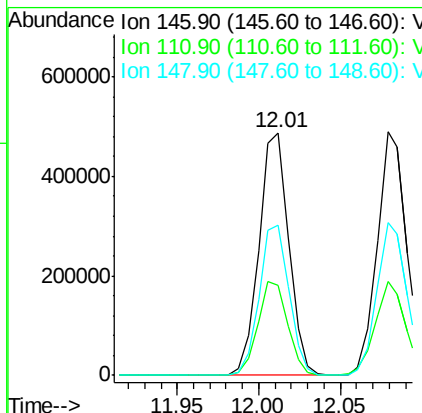
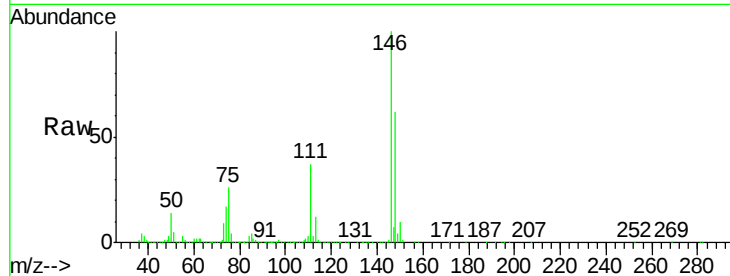
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	619446
Ion Ratio	Lower	Upper	
146	100		
111	39.0	20.1	60.3
148	62.2	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.407 ug/l

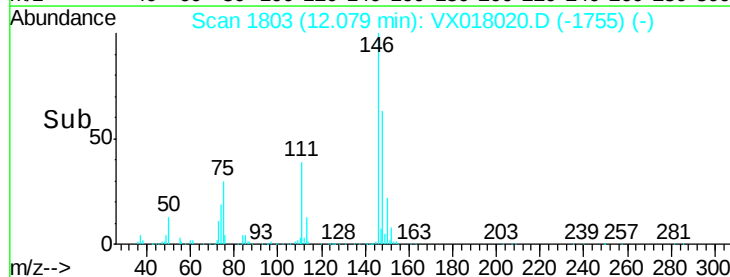
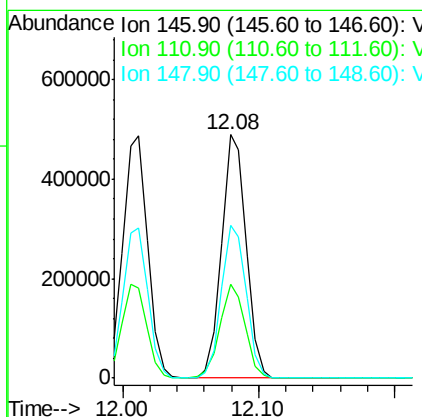
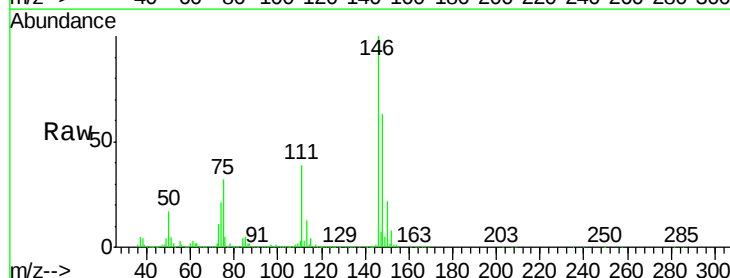
RT: 12.08 min Scan# 1803

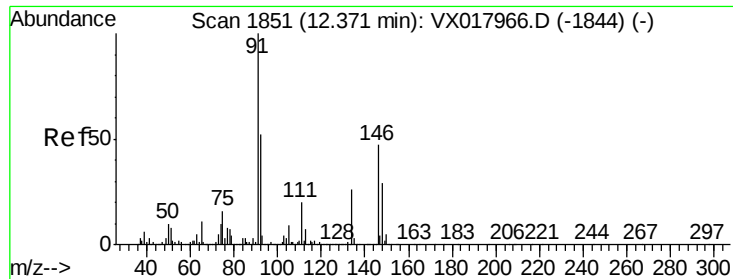
Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion:	146	Resp:	611350
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.7	59.1
148	63.5	31.9	95.7





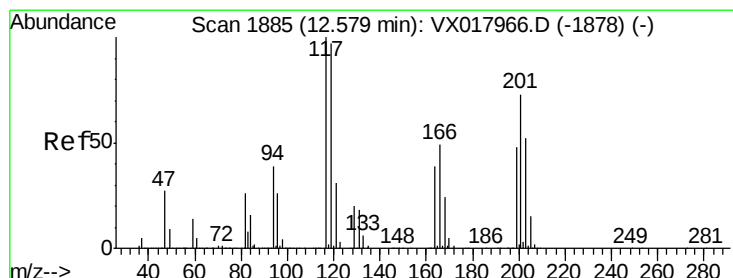
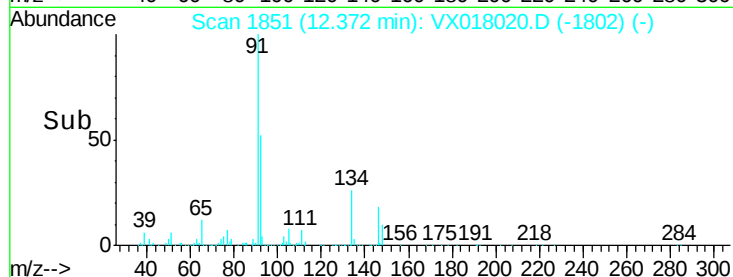
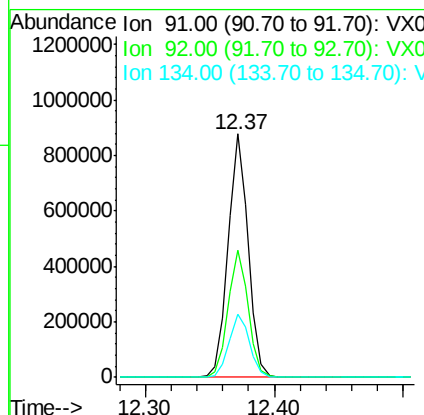
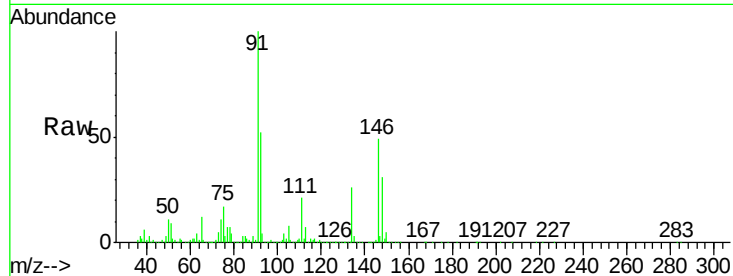
#89
n-Butylbenzene
Concen: 50.060 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.7	77.0
134	26.8	13.4	40.2

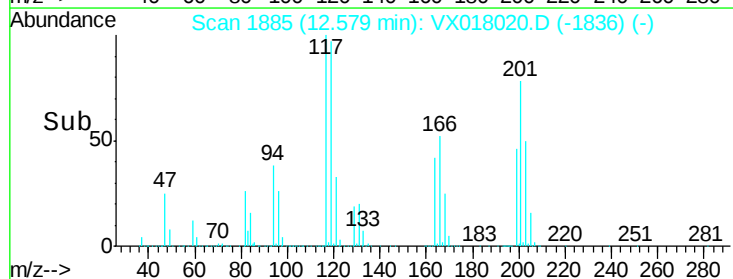
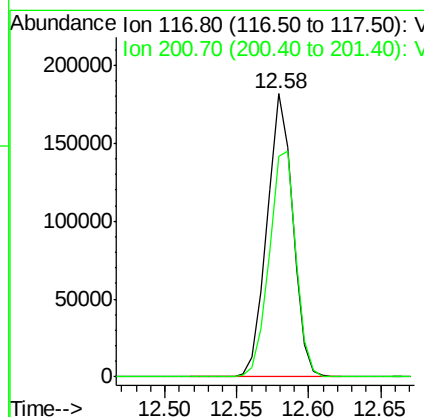
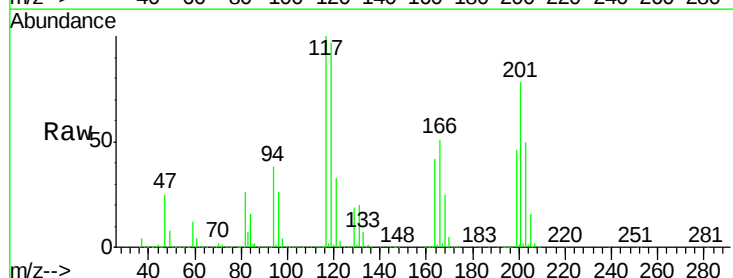
Manual Integrations
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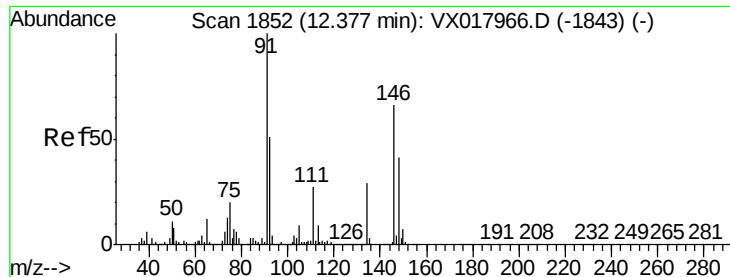
MMDadoda
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#90
Hexachloroethane
Concen: 48.511 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018020.D
Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	40.8	122.2





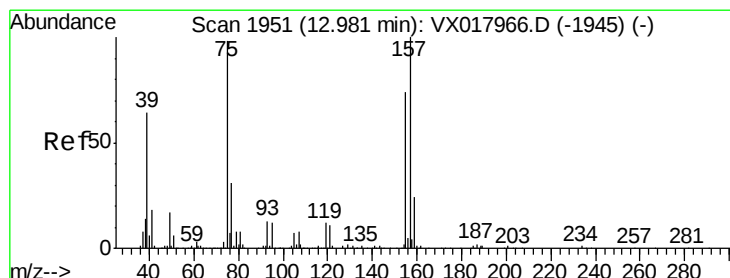
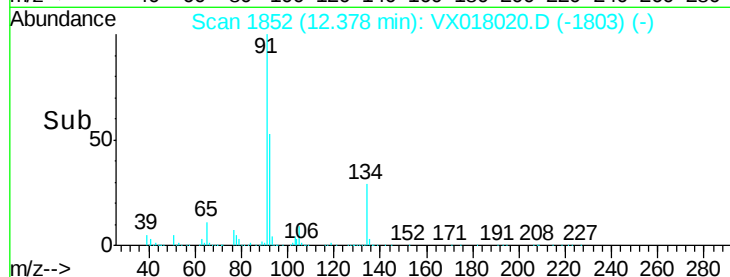
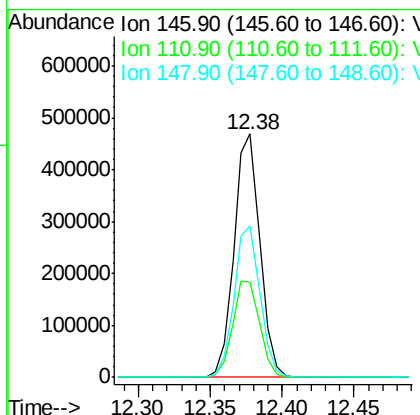
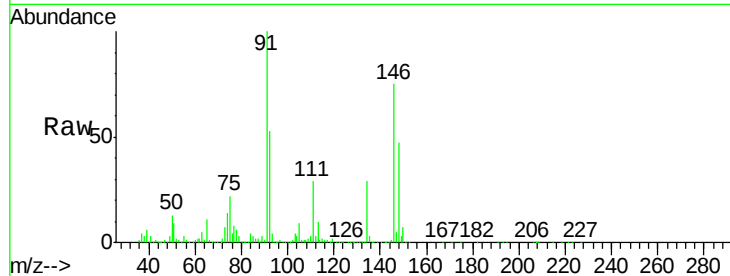
#91
 1,2-Dichlorobenzene
 Concen: 50.559 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	589491		
111	41.5	20.6	61.9	
148	62.6	31.2	93.6	

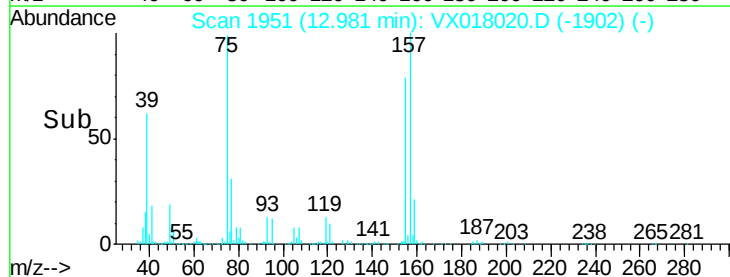
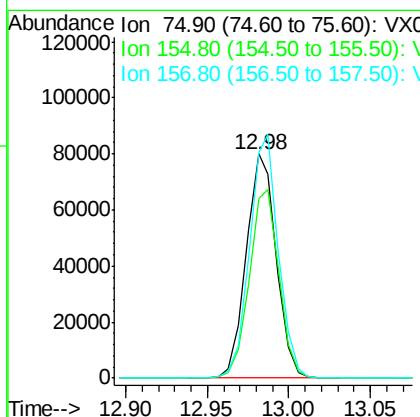
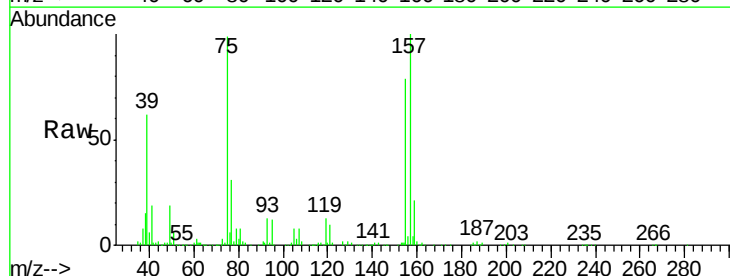
Manual Integrations
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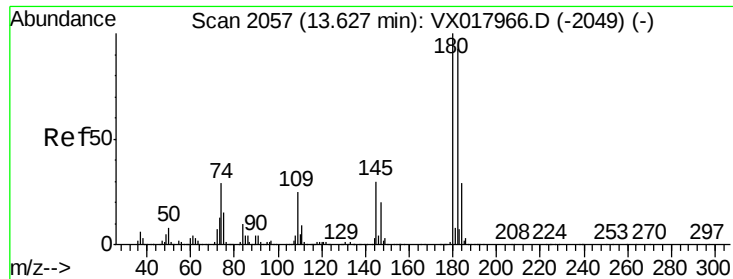
MMDadoda
 8/20/2020 9:17:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.865 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101940		
155	83.9	40.5	121.5	
157	104.6	54.4	163.2	





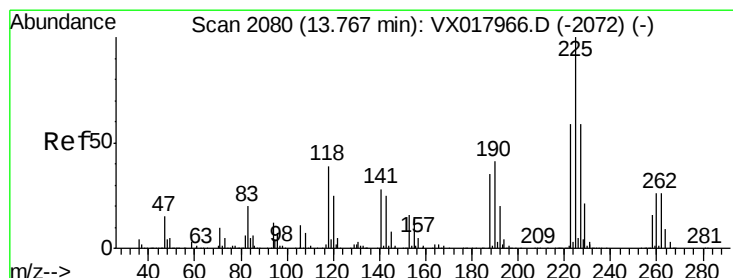
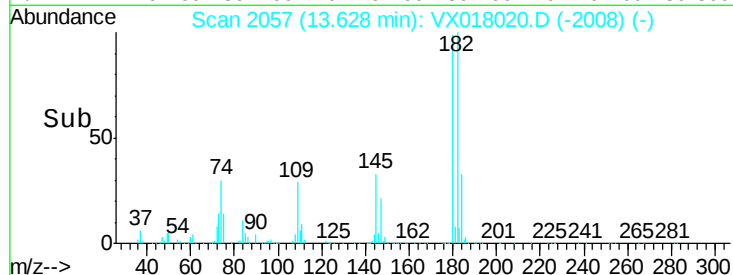
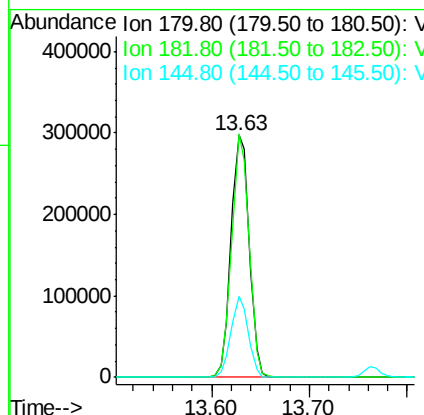
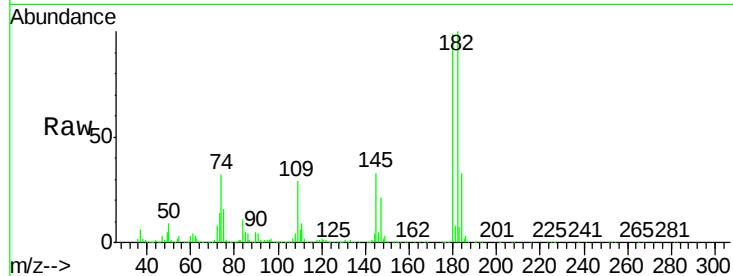
#93
 1,2,4-Trichlorobenzene
 Concen: 50.077 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	384109		
182	96.3	48.8	146.4	
145	32.0	16.0	48.0	

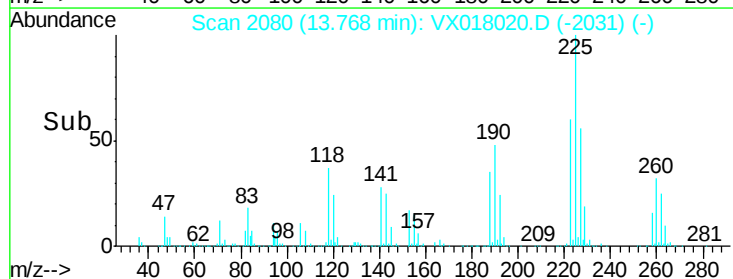
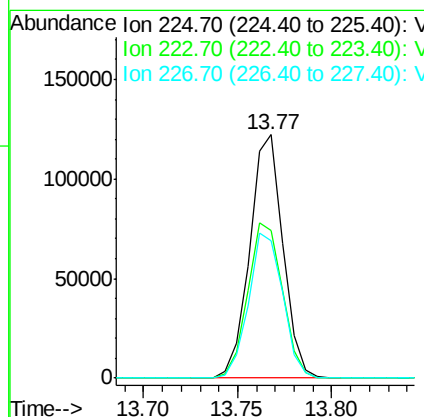
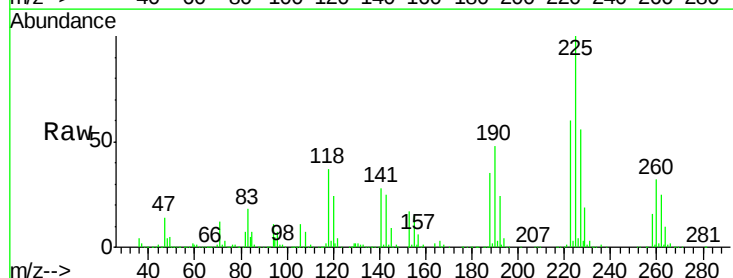
Manual Integrations
 APPROVED

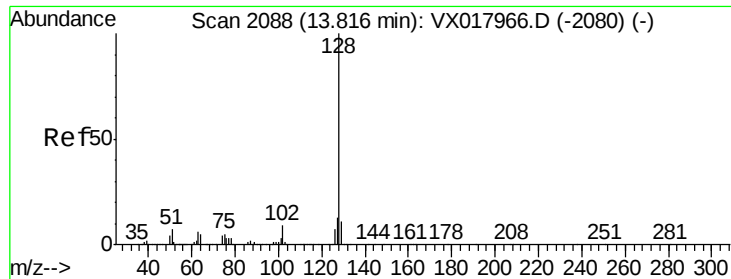
MMDadoda
 8/20/2020 9:17:54 AM



#94
 Hexachlorobutadiene
 Concen: 45.523 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018020.D
 Acq: 20 Aug 2020 06:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149014		
223	66.7	32.1	96.3	
227	61.6	29.8	89.5	





#95

Naphthalene

Concen: 53.305 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Instrument :

MSVOA_X

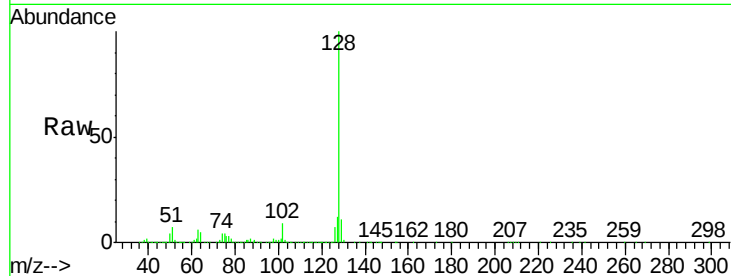
ClientSampleId :

VSTDCCC050EC

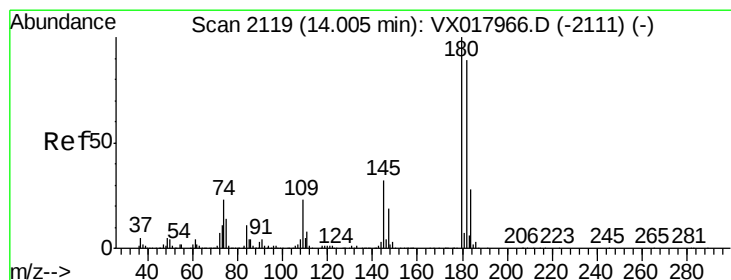
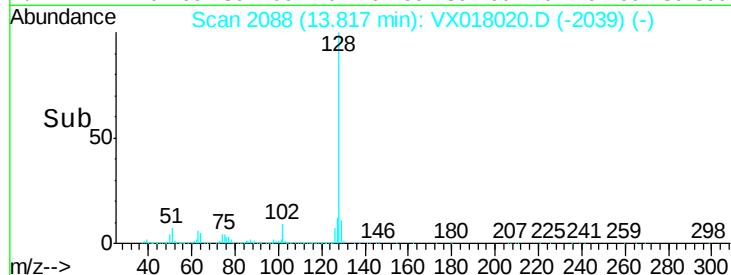
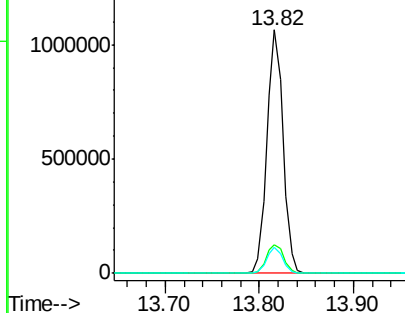
Tot Ion:	128	Resp:	1290624
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:54 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.282 ug/l

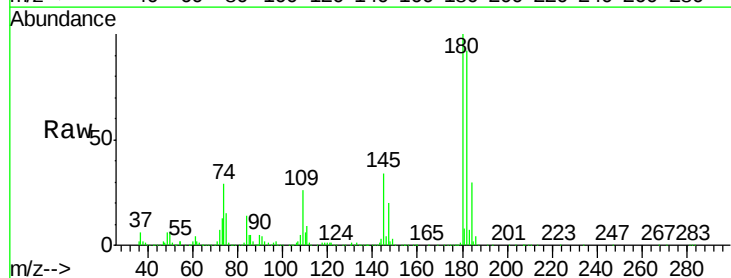
RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018020.D

Acq: 20 Aug 2020 06:08

Tgt Ion:	180	Resp:	392186
Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.8
145	33.5	16.8	50.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

