

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018047.D
 Acq On : 20 Aug 2020 21:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:16 AM

Quant Time: Aug 21 03:15:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	657971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1075563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1026369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	496868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	414000	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.47	113	331356	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
50) Toluene-d8	8.70	98	1203789	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	
62) 4-Bromofluorobenzene	11.12	95	465955	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	371493	46.373	ug/l	100
3) Chloromethane	1.31	50	372148	44.063	ug/l	100
4) Vinyl Chloride	1.39	62	370572	44.077	ug/l	97
5) Bromomethane	1.62	94	211161	52.072	ug/l	99
6) Chloroethane	1.71	64	215642	47.755	ug/l	100
7) Trichlorofluoromethane	1.92	101	542552	47.326	ug/l	97
8) Diethyl Ether	2.17	74	184856	47.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	285372	46.044	ug/l	98
10) Methyl Iodide	2.49	142	256164	39.833	ug/l	99
11) Tert butyl alcohol	3.02	59	407044	229.186	ug/l	99
12) 1,1-Dichloroethene	2.36	96	295114	45.896	ug/l	99
13) Acrolein	2.28	56	184187	250.110	ug/l	98
14) Allyl chloride	2.71	41	544934	47.171	ug/l	99
15) Acrylonitrile	3.12	53	950133	235.838	ug/l	100
16) Acetone	2.42	43	796818	223.870	ug/l	97
17) Carbon Disulfide	2.55	76	865380	44.520	ug/l	98
18) Methyl Acetate	2.75	43	405865	47.254	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1041086	47.211	ug/l	98
20) Methylene Chloride	2.84	84	340442	46.702	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	325744	45.725	ug/l	99
22) Diisopropyl ether	3.83	45	1125934	49.381	ug/l	99
23) Vinyl Acetate	3.79	43	5166970	254.677	ug/l	100
24) 1,1-Dichloroethane	3.67	63	603412	46.491	ug/l	98
25) 2-Butanone	4.64	43	1433999	245.147	ug/l	99
26) 2,2-Dichloropropane	4.55	77	473523	44.839	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	392434	47.811	ug/l	97
28) Bromochloromethane	4.98	49	294454	47.000	ug/l	97
29) Tetrahydrofuran	5.09	42	923884	248.108	ug/l	100
30) Chloroform	5.18	83	633916	47.169	ug/l	96
31) Cyclohexane	5.55	56	528698	48.357	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	574109	46.550	ug/l	100
36) 1,1-Dichloropropene	5.77	75	467543	47.129	ug/l	99
37) Ethyl Acetate	4.80	43	559245	48.537	ug/l	99
38) Carbon Tetrachloride	5.76	117	516926	46.237	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	507515	46.786	ug/l	99
40) Benzene	6.12	78	1347450	46.225	ug/l	99
41) Methacrylonitrile	5.01	41	304479	48.128	ug/l	100
42) 1,2-Dichloroethane	6.17	62	517282	46.316	ug/l	99
43) Isopropyl Acetate	6.42	43	858735	46.144	ug/l	99
44) Trichloroethene	7.19	130	380219	46.162	ug/l	99
45) 1,2-Dichloropropane	7.49	63	375570	47.804	ug/l	98
46) Dibromomethane	7.64	93	253695	45.920	ug/l	97
47) Bromodichloromethane	7.88	83	518941	47.043	ug/l	100
48) Methyl methacrylate	7.75	41	430167	46.433	ug/l	99
49) 1,4-Dioxane	7.72	88	157806	940.362	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2812934	244.696	ug/l	99
52) Toluene	8.77	92	860889	46.575	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	573442	46.903	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	608131	46.955	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	357276	45.321	ug/l	97
56) Ethyl methacrylate	9.16	69	563969	48.123	ug/l	99
57) 1,3-Dichloropropane	9.35	76	608282	46.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1225575	232.473	ug/l	99
59) 2-Hexanone	9.48	43	2053378	234.910	ug/l	100
60) Dibromochloromethane	9.57	129	432233	46.739	ug/l	100
61) 1,2-Dibromoethane	9.65	107	379690	44.364	ug/l	98
64) Tetrachloroethene	9.32	164	336933	44.672	ug/l	99
65) Chlorobenzene	10.12	112	962709	46.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	365886	45.287	ug/l	98
67) Ethyl Benzene	10.24	91	1683084	48.281	ug/l	100
68) m/p-Xylenes	10.34	106	1229148	94.467	ug/l	97
69) o-Xylene	10.68	106	607965	48.201	ug/l	99
70) Styrene	10.70	104	1055074	49.119	ug/l	98
71) Bromoform	10.84	173	321778	46.693	ug/l #	96
73) Isopropylbenzene	11.01	105	1651700	50.397	ug/l	99
74) N-amyl acetate	10.88	43	799689	51.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	527866	45.657	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	508277m	45.985	ug/l	
77) Bromobenzene	11.24	156	424320	46.838	ug/l	99
78) n-propylbenzene	11.35	91	1791846	48.151	ug/l	100
79) 2-Chlorotoluene	11.41	91	1140677	49.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1376597	51.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	196116	47.921	ug/l	99
82) 4-Chlorotoluene	11.49	91	1333299	48.782	ug/l	99
83) tert-Butylbenzene	11.76	119	1301470	48.967	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1368241	49.691	ug/l	99
85) sec-Butylbenzene	11.93	105	1521086	50.326	ug/l	100
86) p-Isopropyltoluene	12.05	119	1403219	50.542	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	740102	46.530	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	733315	46.046	ug/l	98
89) n-Butylbenzene	12.37	91	1207662	47.658	ug/l	99
90) Hexachloroethane	12.58	117	271685	49.738	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	686843	45.874	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	133831	46.295	ug/l	96

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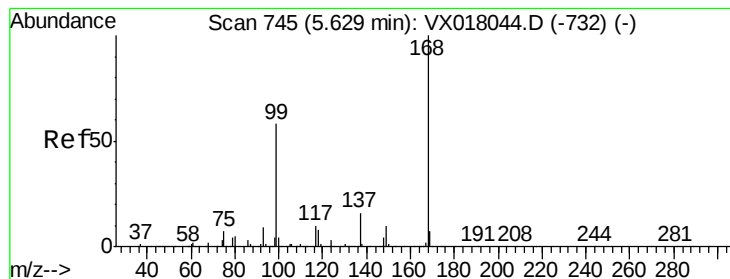
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	472402	47.316	ug/l	99
94) Hexachlorobutadiene	13.77	225	181363	46.054	ug/l	94
95) Naphthalene	13.82	128	1632413	49.681	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	469069	47.548	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX082120

Tot Ion:168 Resp: 657971

Ion Ratio Lower Upper

168 100

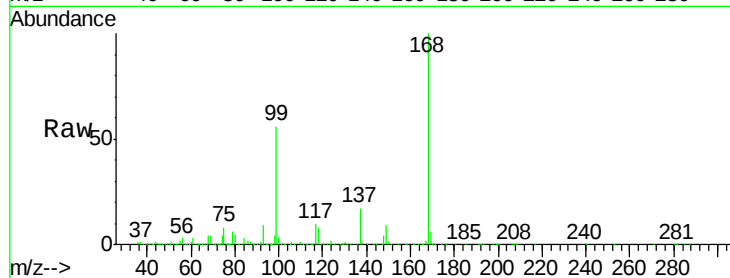
99 56.0 46.3 69.5

Manual Integrations

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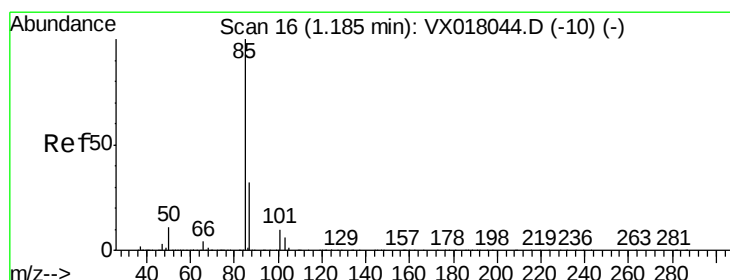
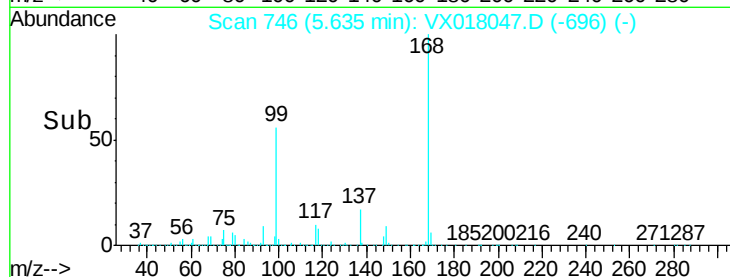
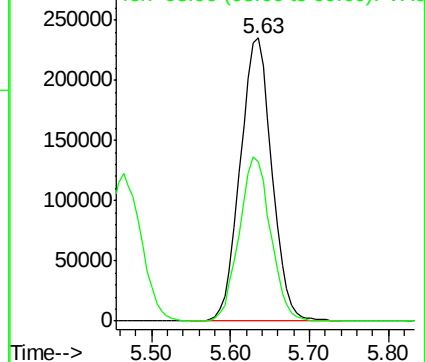
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.373 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018047.D

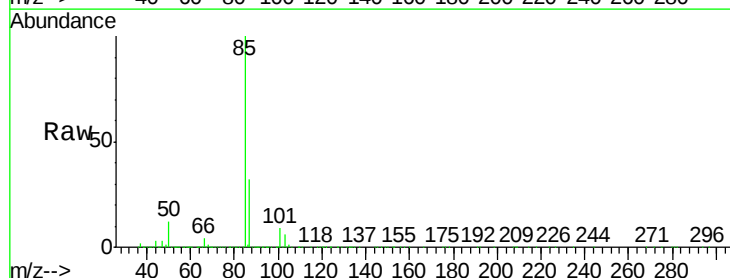
Acq: 20 Aug 2020 21:39

Tgt Ion: 85 Resp: 371493

Ion Ratio Lower Upper

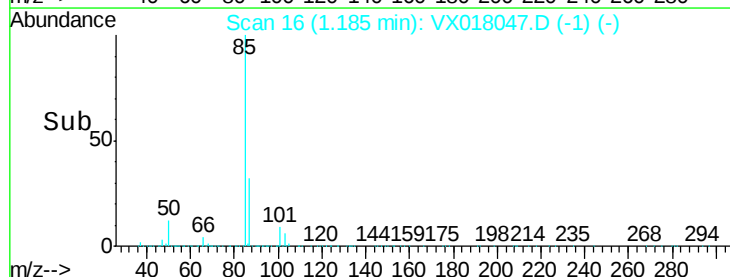
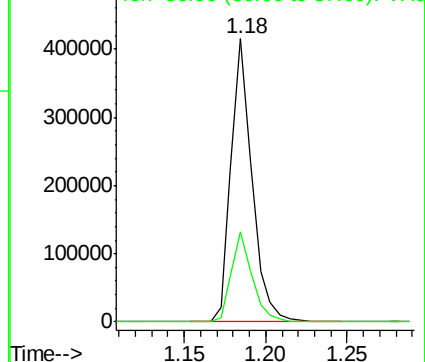
85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.063 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 50 Resp: 372148

Ion Ratio Lower Upper

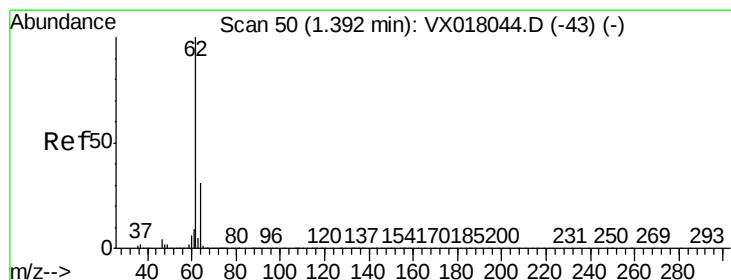
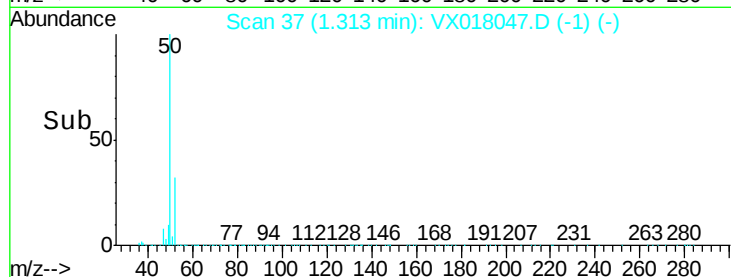
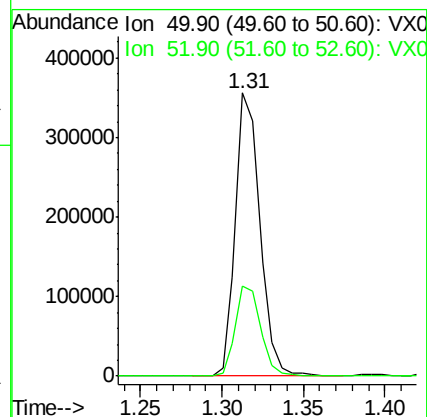
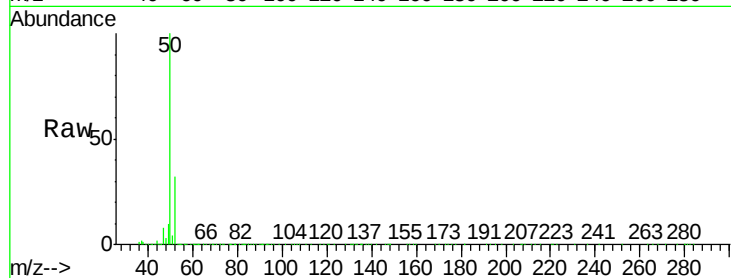
50 100

52 31.9 25.4 38.2

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#4

Vinyl Chloride

Concen: 44.077 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018047.D

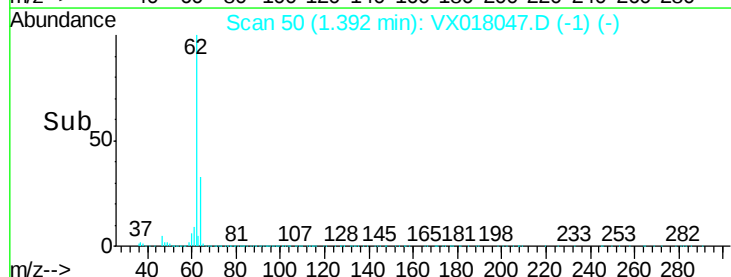
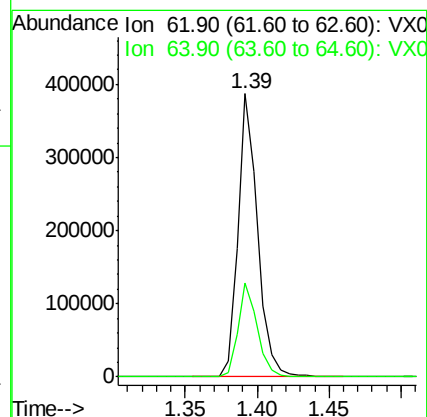
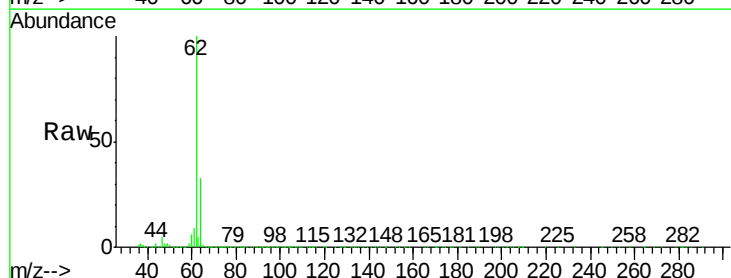
Acq: 20 Aug 2020 21:39

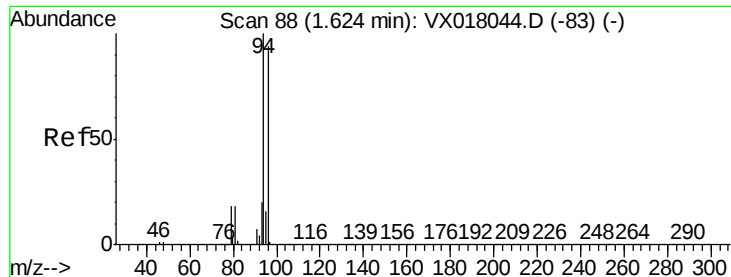
Tgt Ion: 62 Resp: 370572

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 52.072 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 94 Resp: 211161

Ion Ratio Lower Upper

94 100

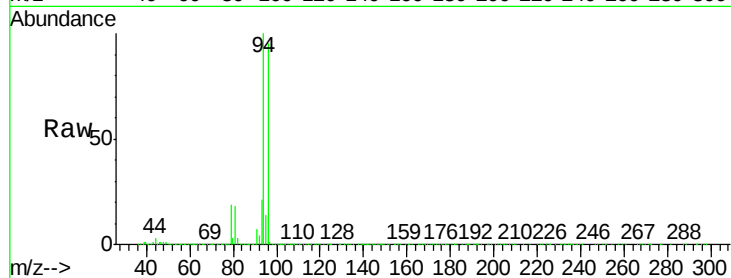
96 94.5 74.8 112.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

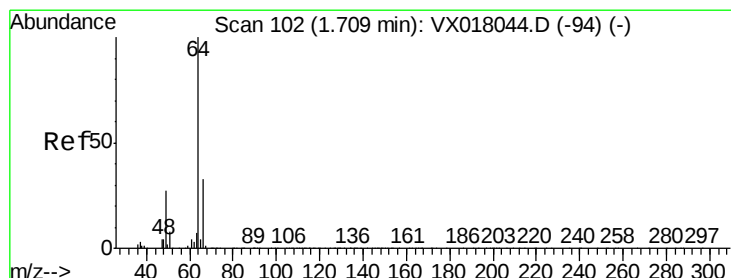
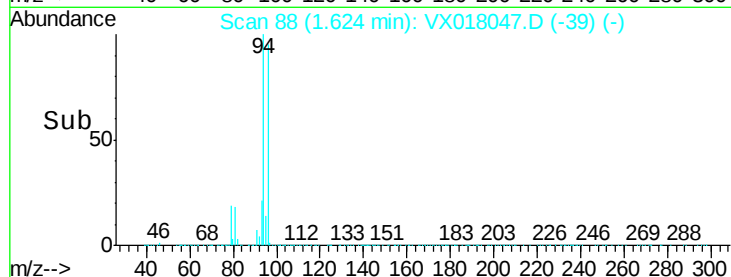
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 47.755 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018047.D

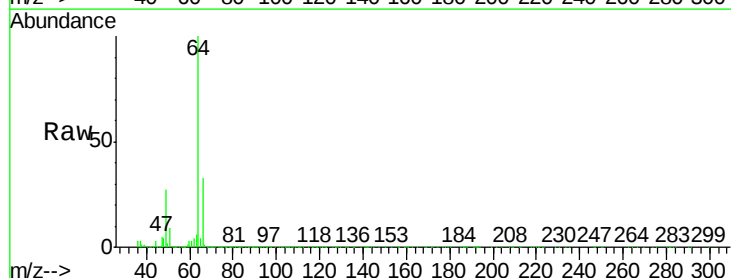
Acq: 20 Aug 2020 21:39

Tgt Ion: 64 Resp: 215642

Ion Ratio Lower Upper

64 100

66 33.4 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

200000

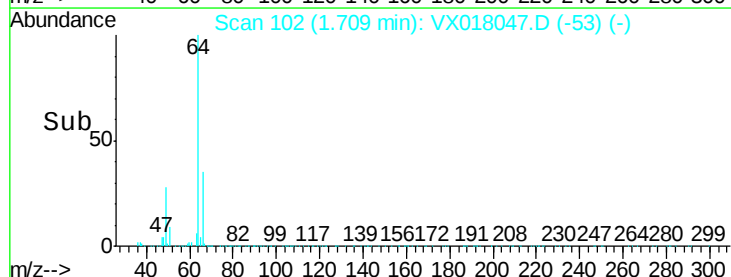
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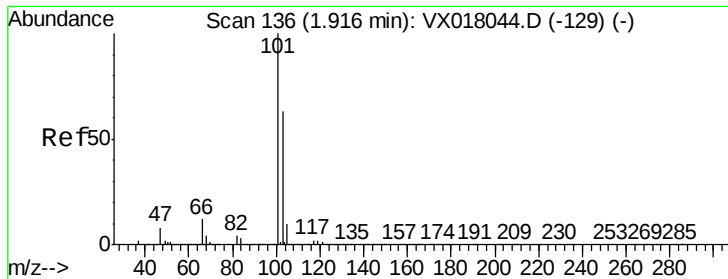
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Time-->





#7

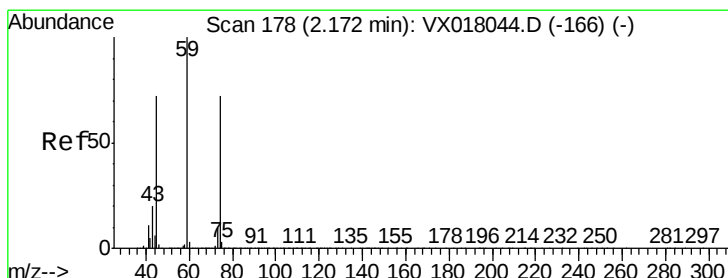
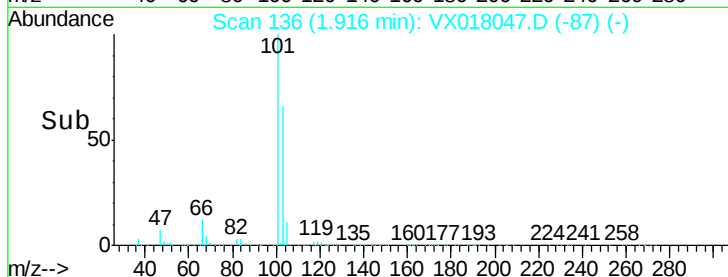
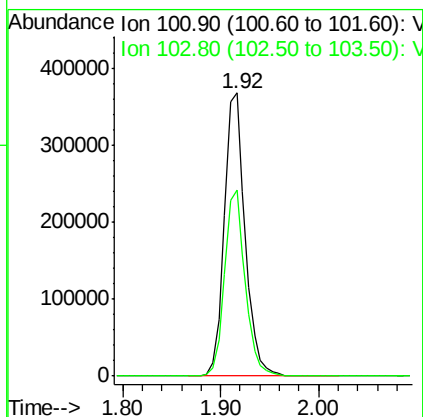
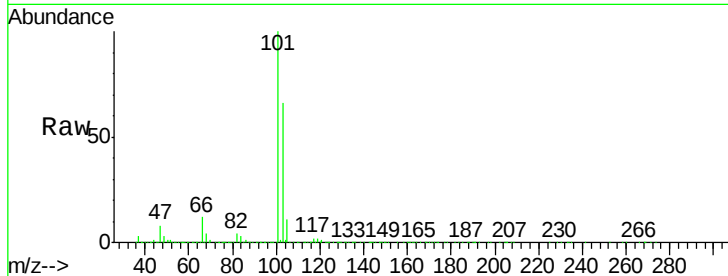
Trichlorofluoromethane
Concen: 47.326 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.7	76.1

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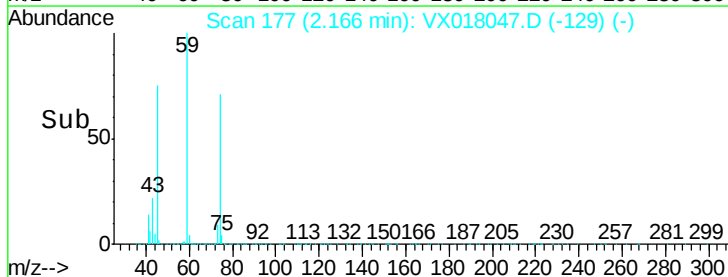
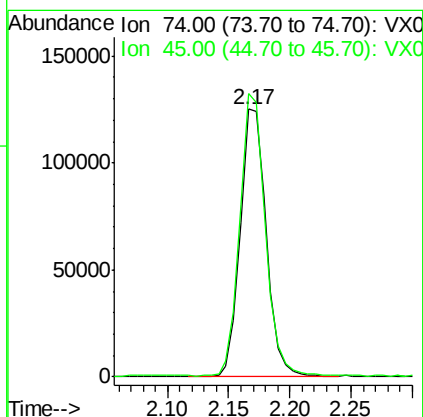
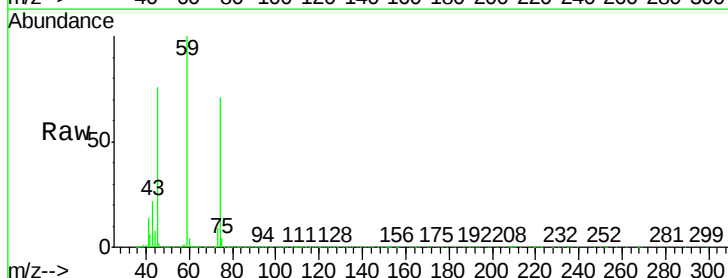
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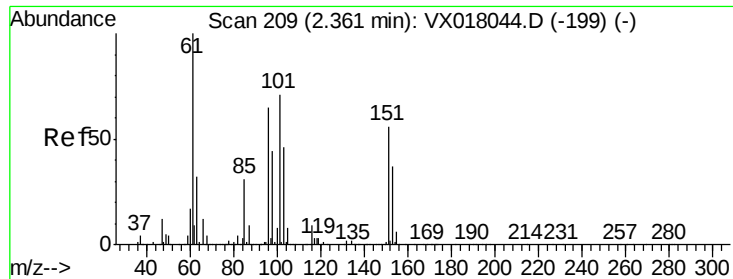


#8

Diethyl Ether
Concen: 47.547 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.044 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018047.D

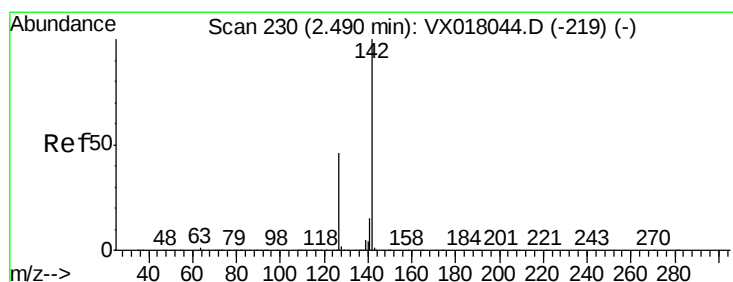
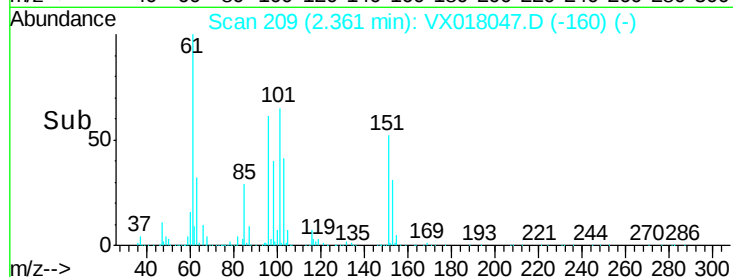
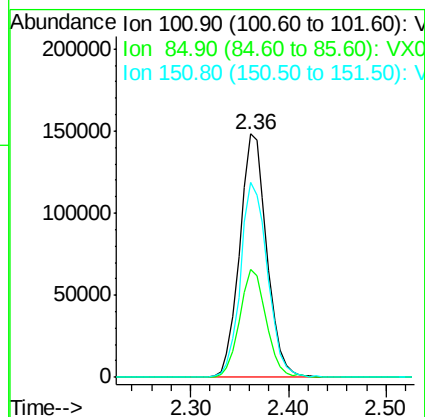
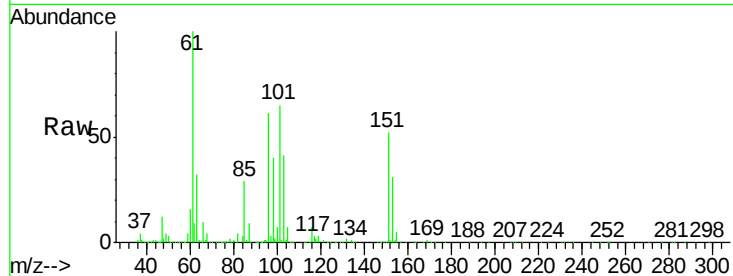
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	285372		
85	43.1	34.0	51.0	
151	79.6	65.2	97.8	

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#10

Methyl Iodide

Concen: 39.833 ug/l

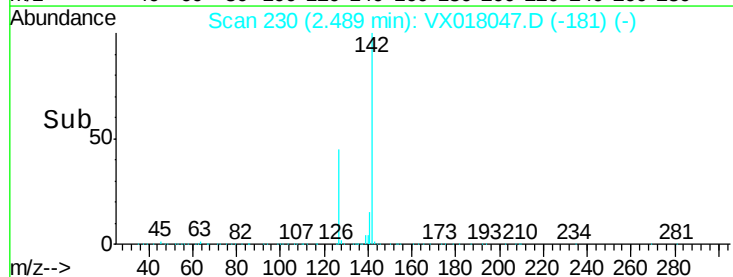
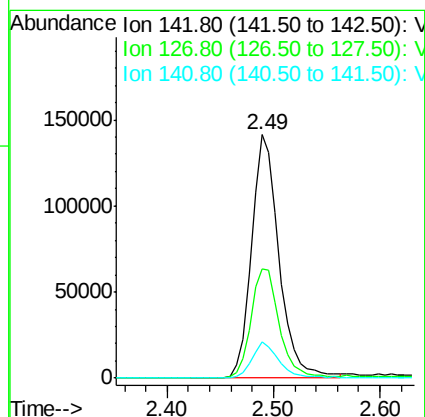
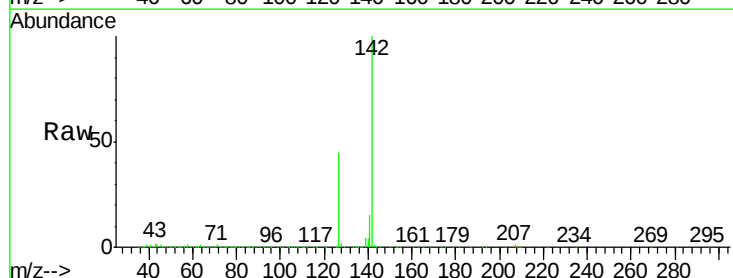
RT: 2.49 min Scan# 230

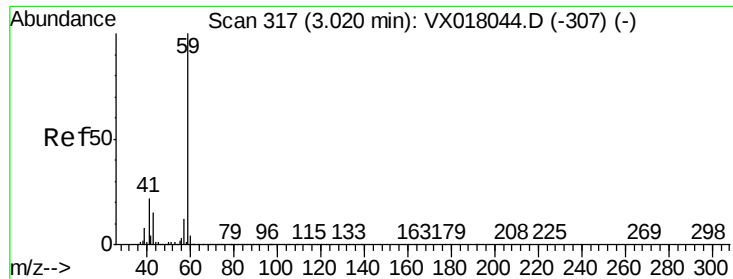
Delta R.T. 0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	256164		
127	46.7	37.0	55.6	
141	14.5	11.5	17.3	





#11

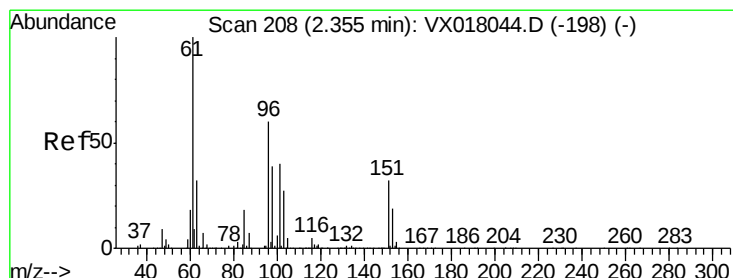
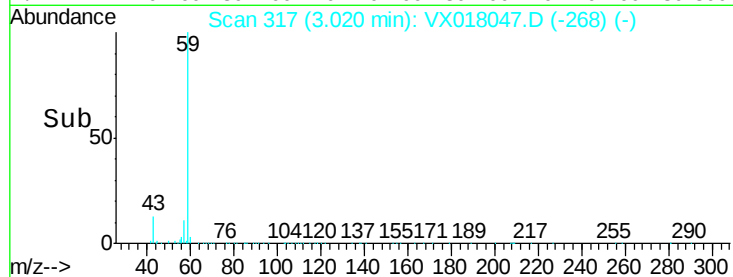
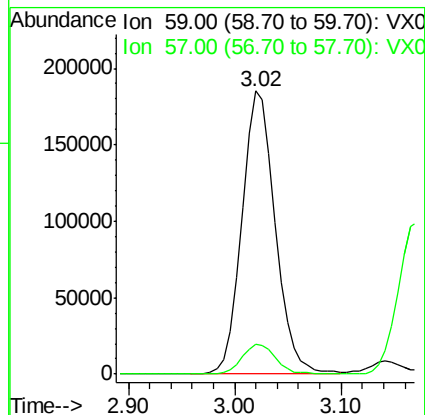
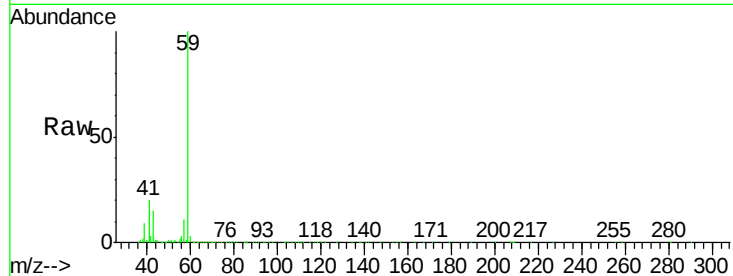
Tert butyl alcohol
Concen: 229.186 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.9	13.3

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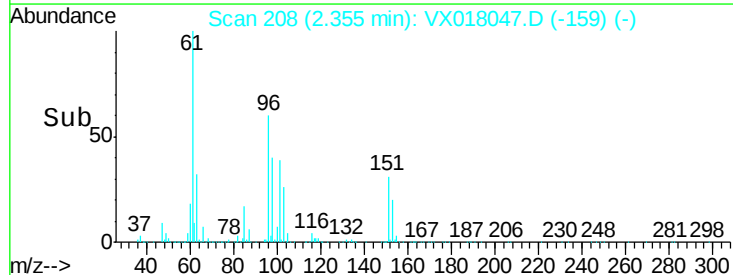
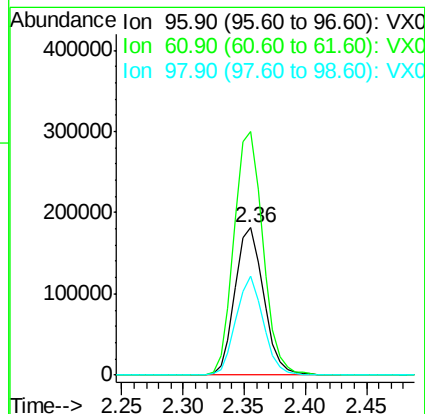
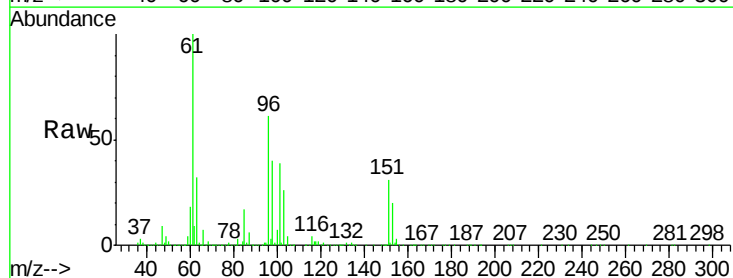
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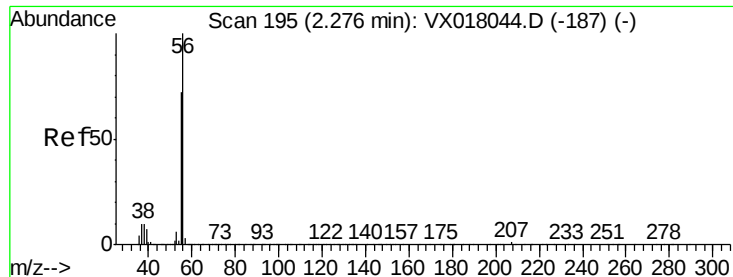


#12

1,1-Dichloroethene
Concen: 45.896 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.2	133.0	199.4
98	66.8	51.6	77.4





#13

Acrolein

Concen: 250.110 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX082120

Tot Ion: 56 Resp: 184187

Ion Ratio Lower Upper

56 100

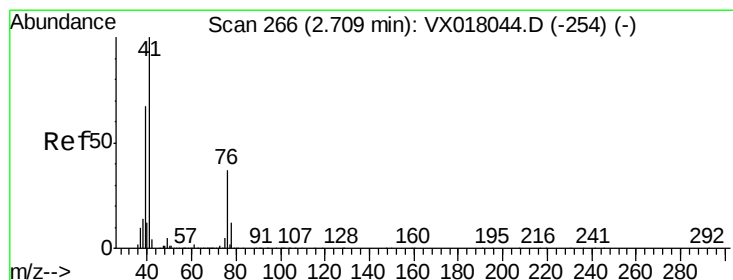
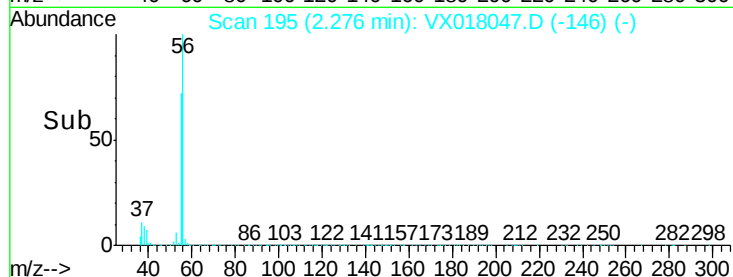
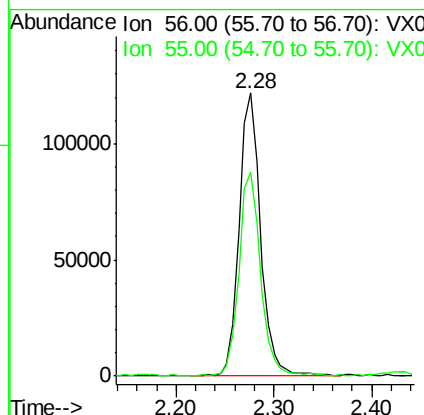
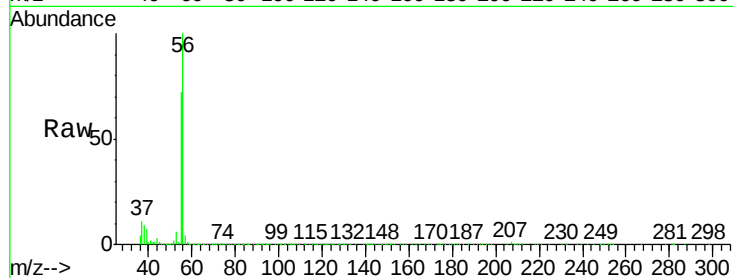
55 72.9 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 47.171 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

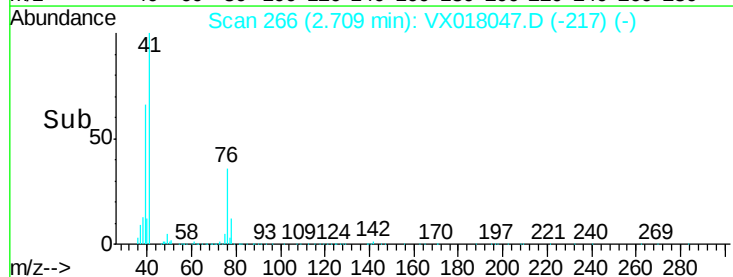
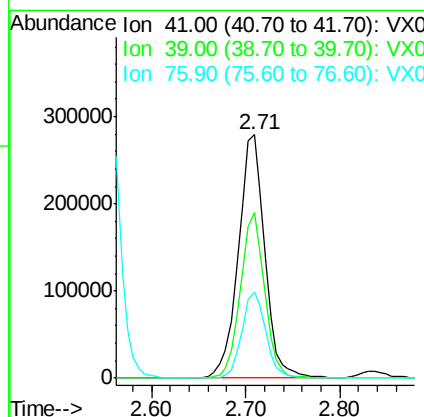
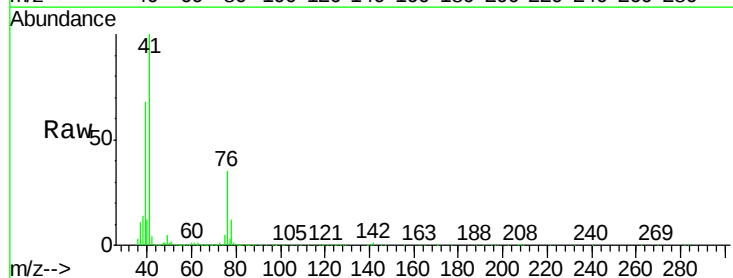
Tgt Ion: 41 Resp: 544934

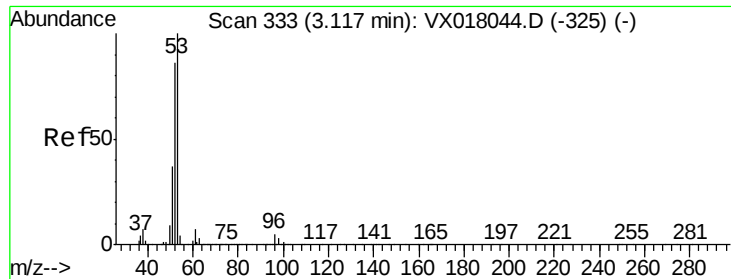
Ion Ratio Lower Upper

41 100

39 62.3 50.6 76.0

76 32.0 26.2 39.2





#15

Acrylonitrile

Concen: 235.838 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

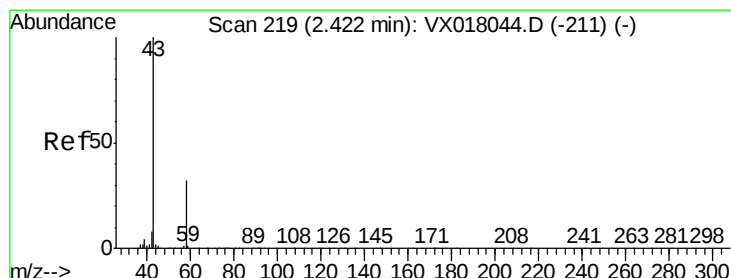
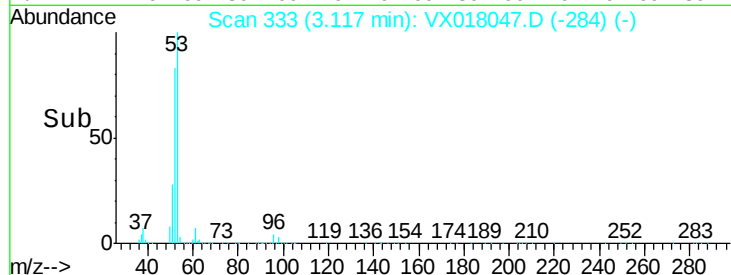
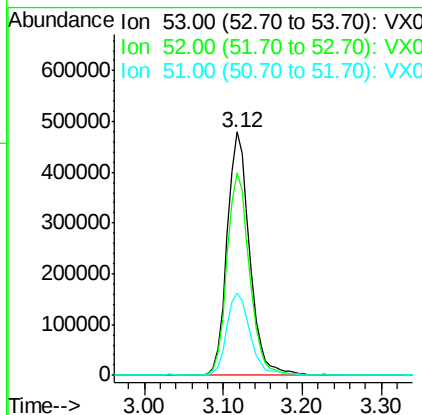
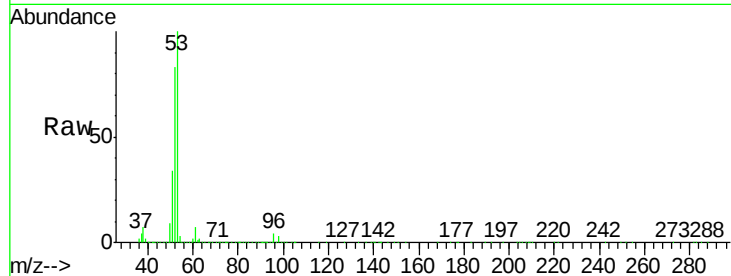
ClientSampleId :

ICVVX082120

Tot Ion:	53	Resp:	950133
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.9	100.3
51	35.5	28.7	43.1

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#16

Acetone

Concen: 223.870 ug/l

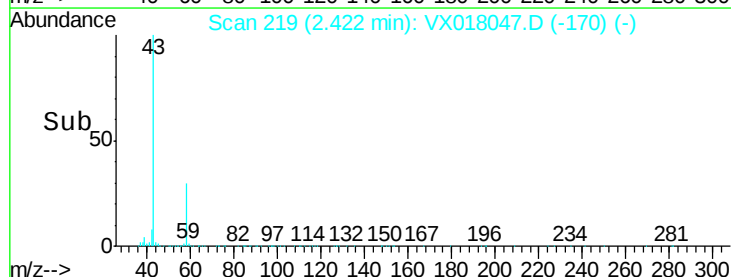
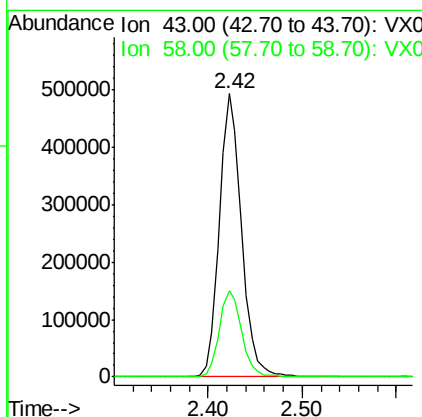
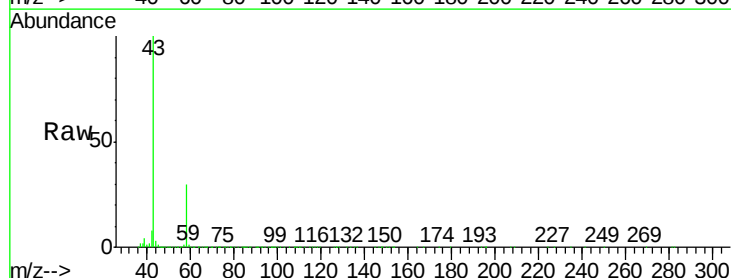
RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion:	43	Resp:	796818
Ion Ratio		Lower	Upper
43	100		
58	30.3	25.5	38.3





#17

Carbon Disulfide

Concen: 44.520 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 76 Resp: 865380

Ion Ratio Lower Upper

76 100

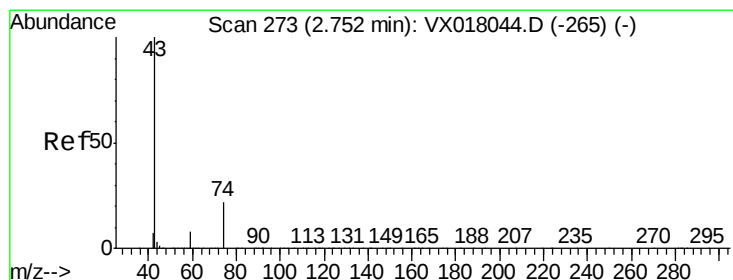
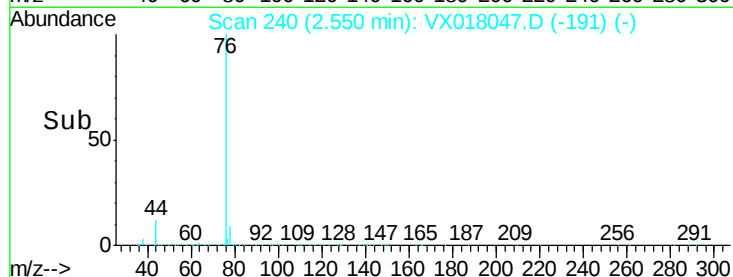
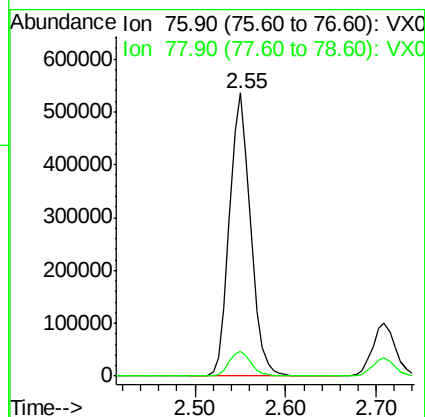
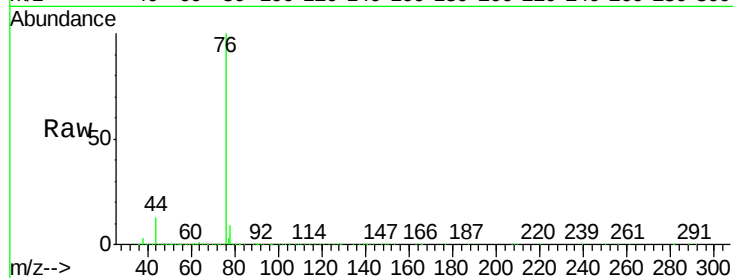
78 8.6 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 47.254 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018047.D

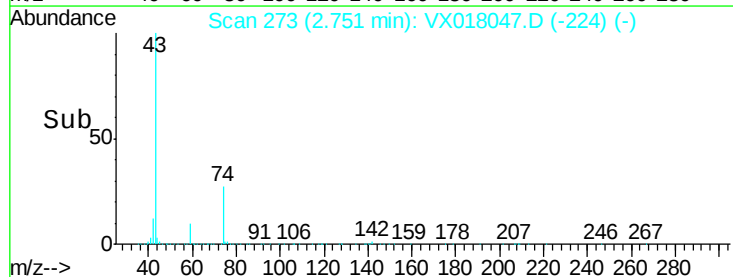
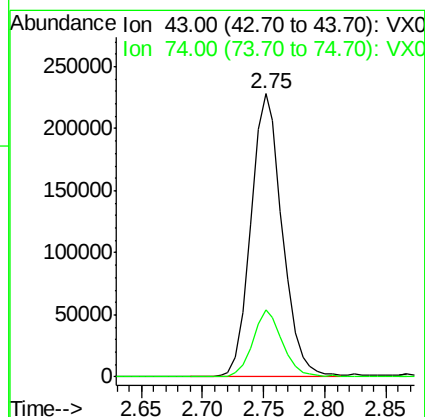
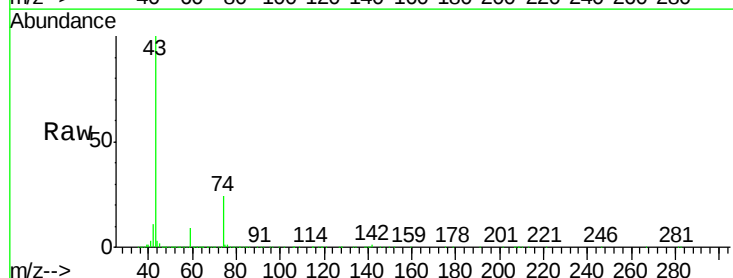
Acq: 20 Aug 2020 21:39

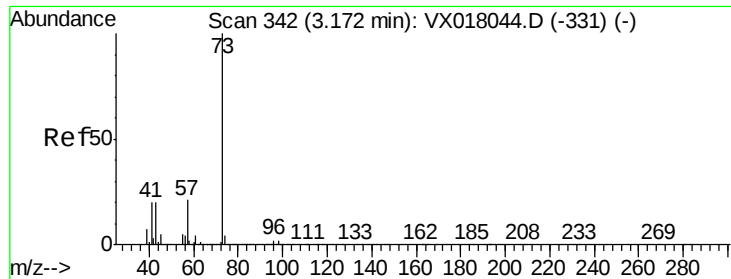
Tgt Ion: 43 Resp: 405865

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.4





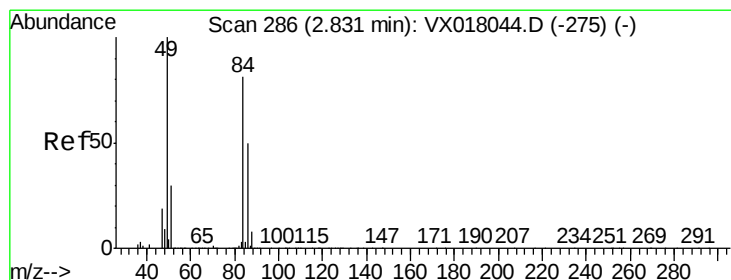
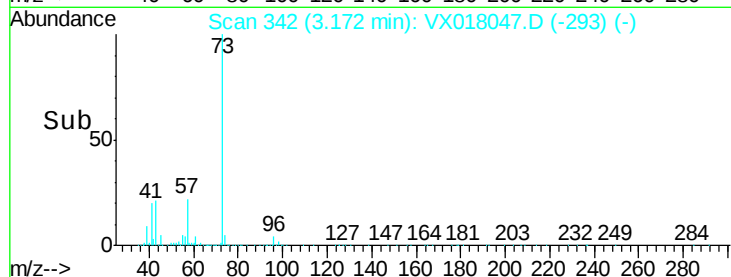
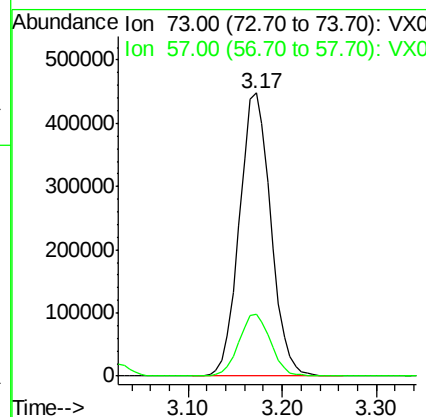
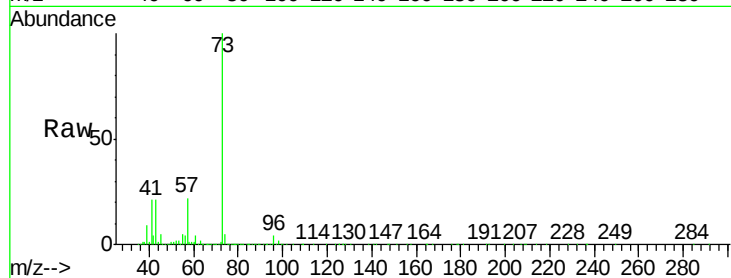
#19
Methvl tert-butvl Ether
Concen: 47.211 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion: 73 Resp: 1041086
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

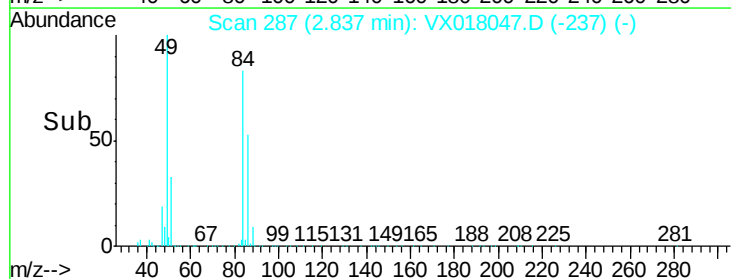
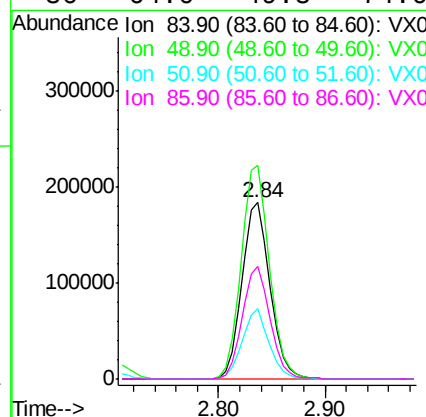
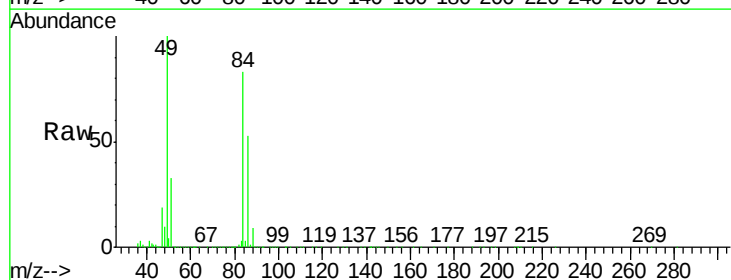
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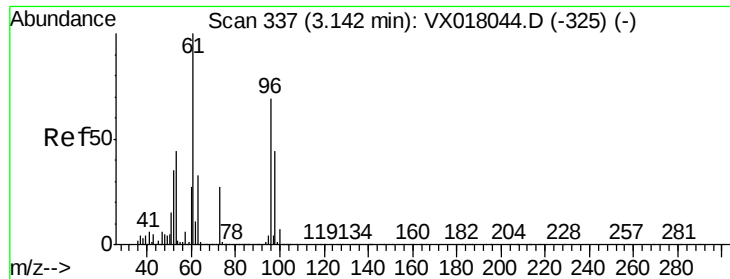
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#20
Methylene Chloride
Concen: 46.702 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 84 Resp: 340442
Ion Ratio Lower Upper
84 100
49 121.1 98.6 148.0
51 39.5 29.6 44.4
86 64.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 45.725 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

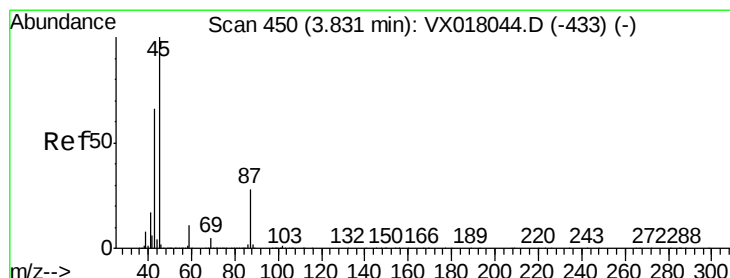
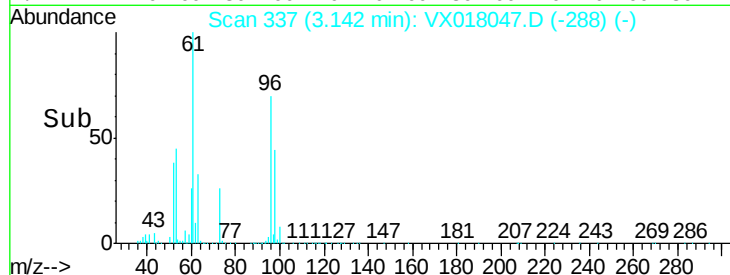
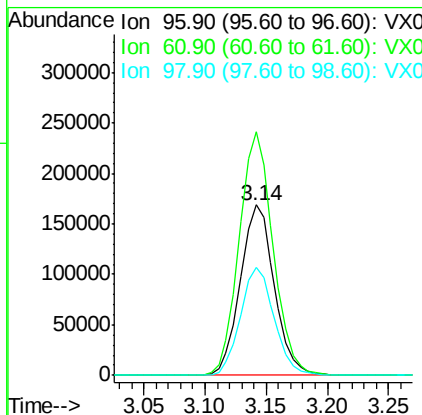
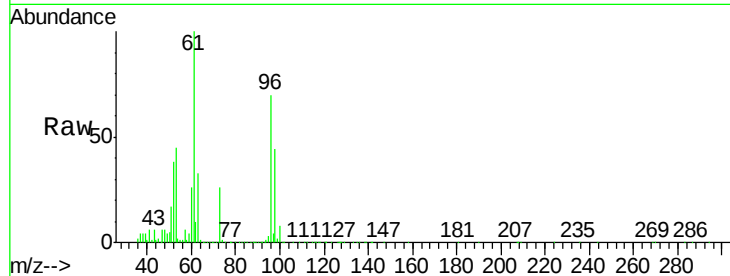
ClientSampleId :

ICVVX082120

Tot Ion:	96	Resp:	325744
Ion	Ratio	Lower	Upper
96	100		
61	142.5	115.4	173.0
98	63.2	51.1	76.7

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#22

Diisopropyl ether

Concen: 49.381 ug/l

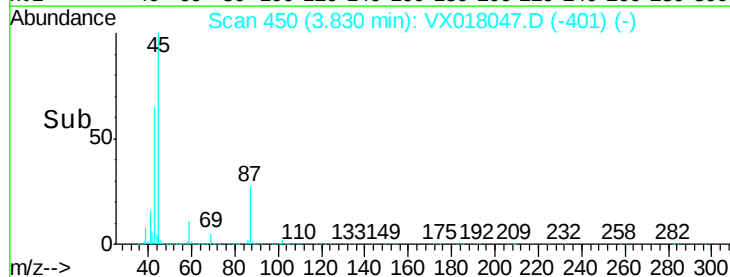
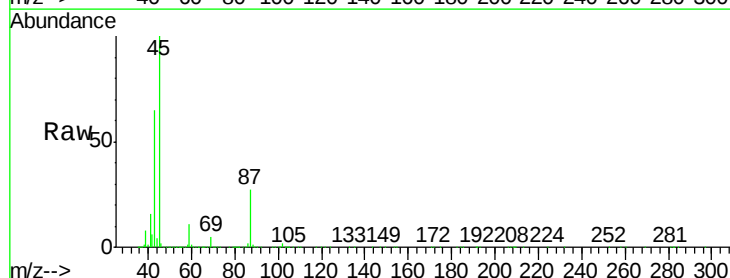
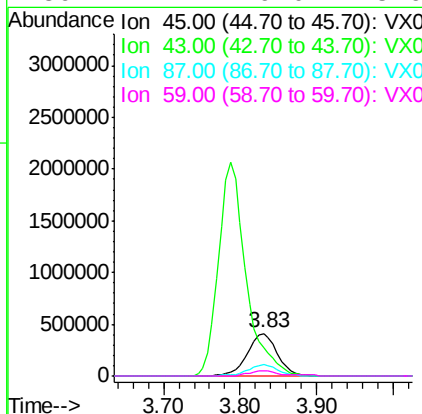
RT: 3.83 min Scan# 450

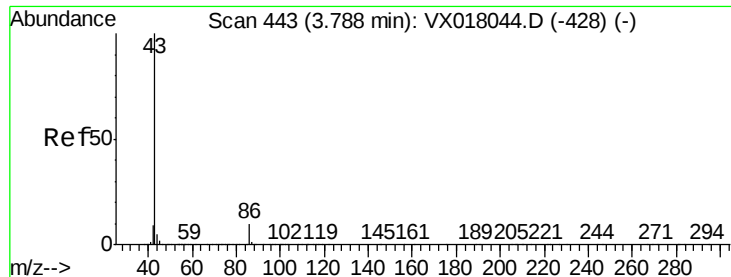
Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion:	45	Resp:	1125934
Ion	Ratio	Lower	Upper
45	100		
43	65.1	52.8	79.2
87	27.3	22.5	33.7
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 254.677 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 43 Resp: 5166970

Ion Ratio Lower Upper

43 100

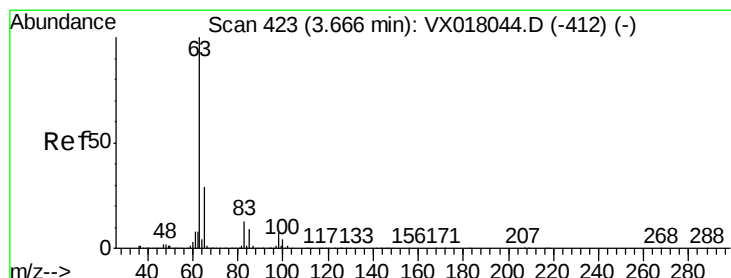
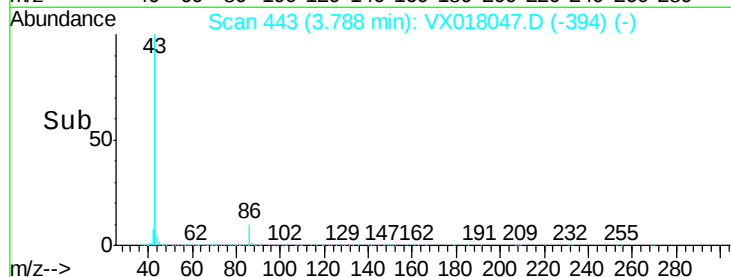
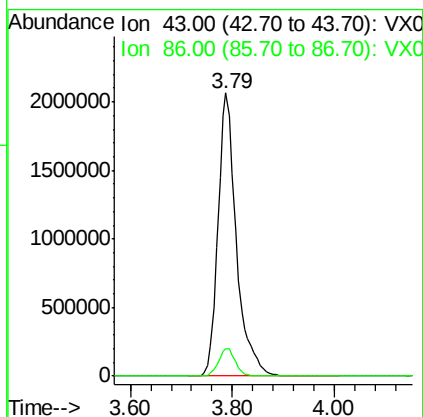
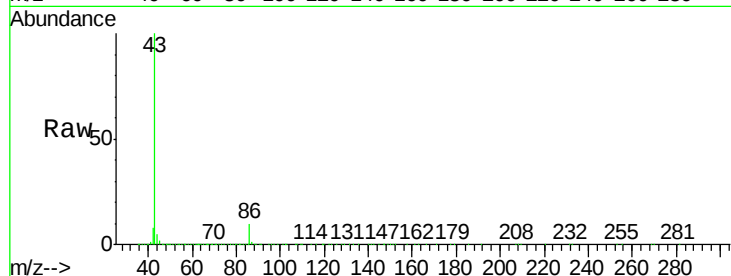
86 9.9 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 46.491 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

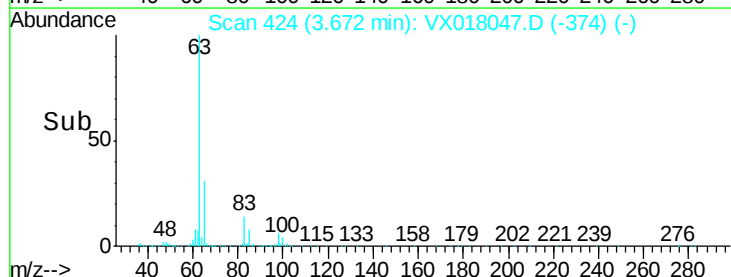
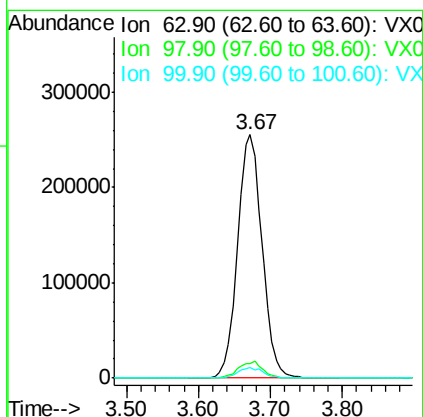
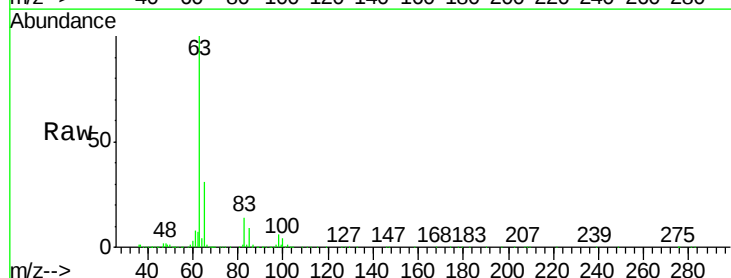
Tgt Ion: 63 Resp: 603412

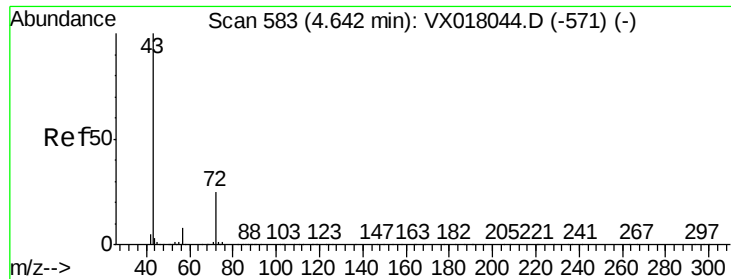
Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 245.147 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 43 Resp: 1433999

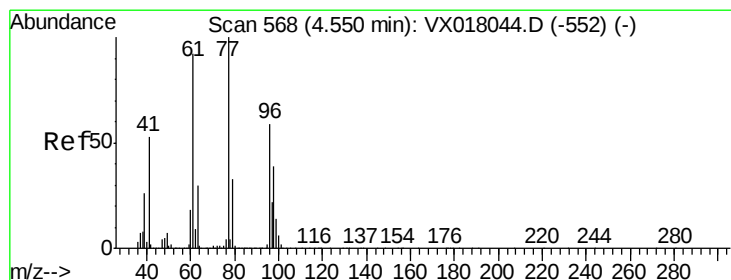
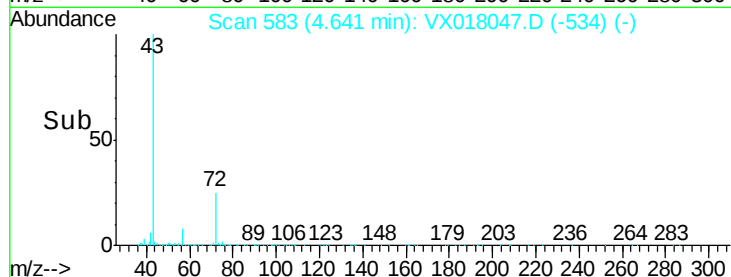
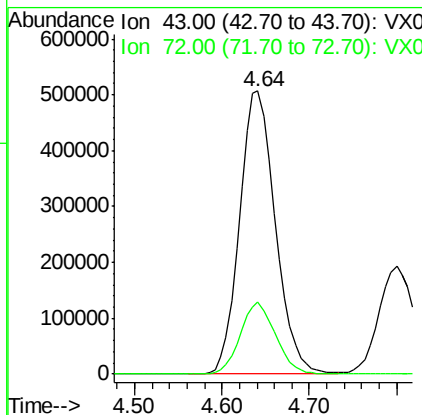
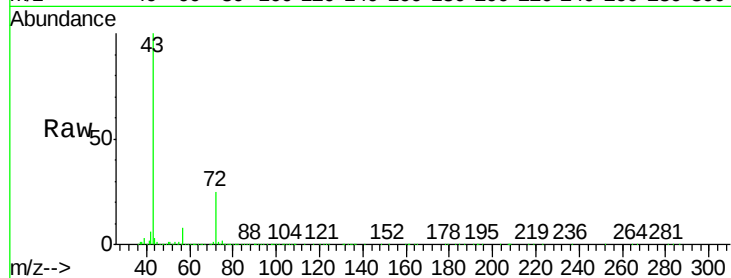
Ion Ratio Lower Upper

43 100

72 25.3 19.8 29.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 44.839 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018047.D

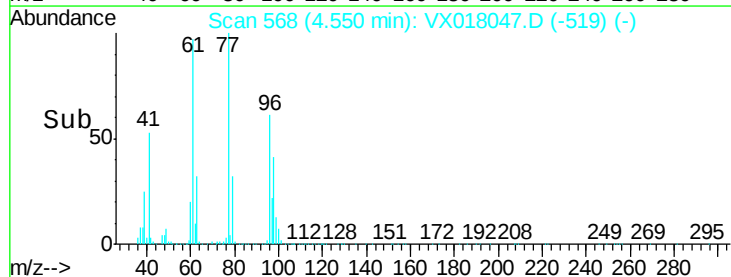
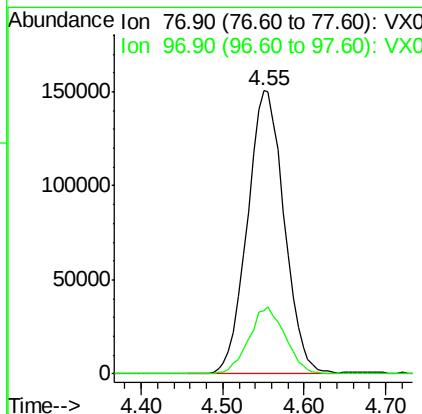
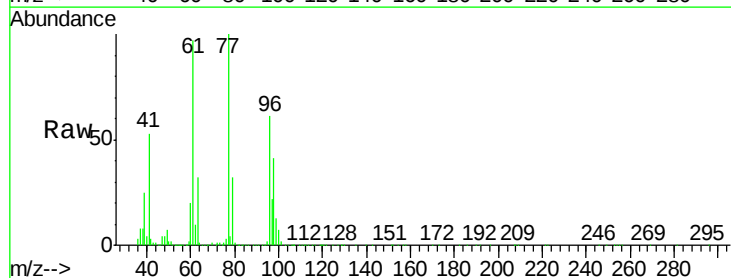
Acq: 20 Aug 2020 21:39

Tgt Ion: 77 Resp: 473523

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5





#27

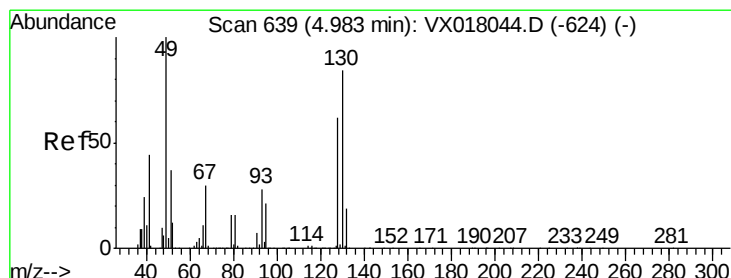
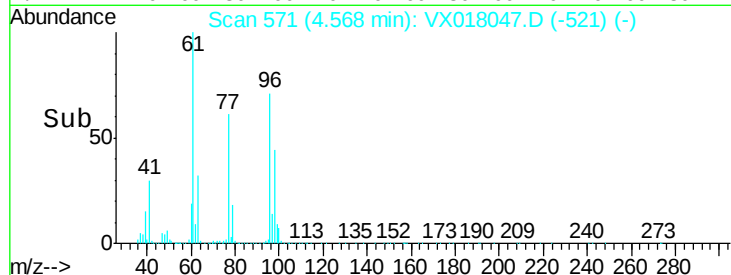
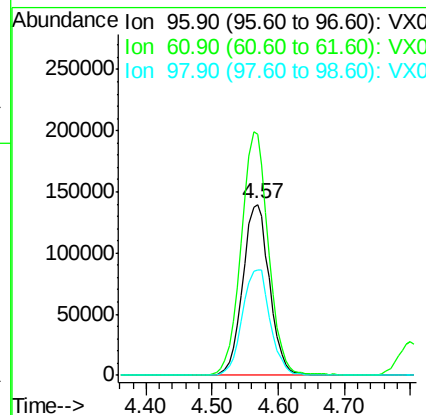
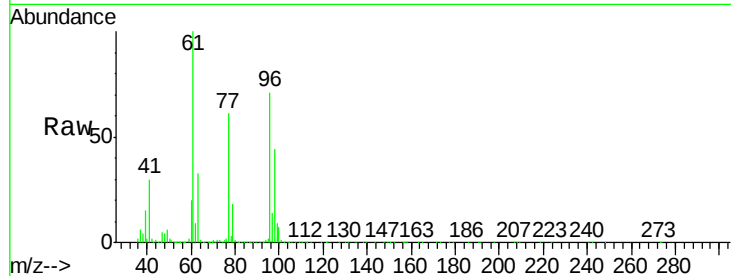
cis-1,2-Dichloroethene
Concen: 47.811 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	392434		
61	144.2	0.0	296.6	
98	64.1	0.0	130.2	

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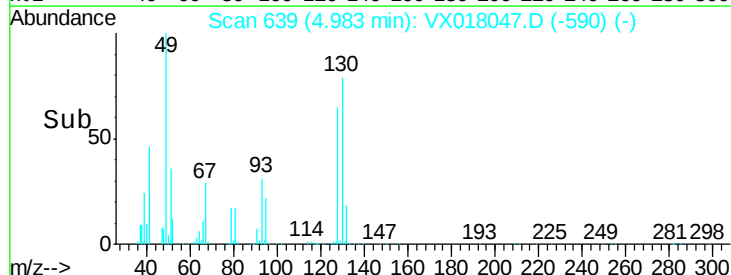
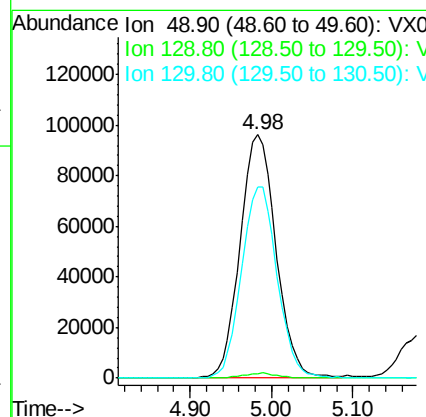
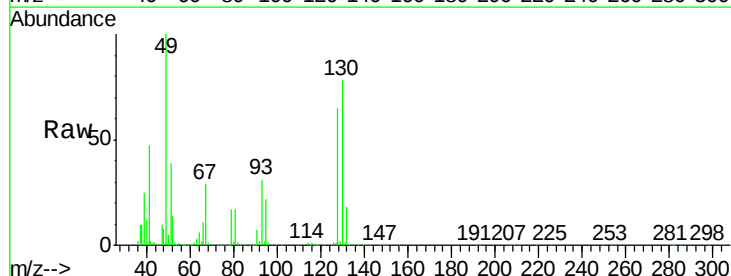
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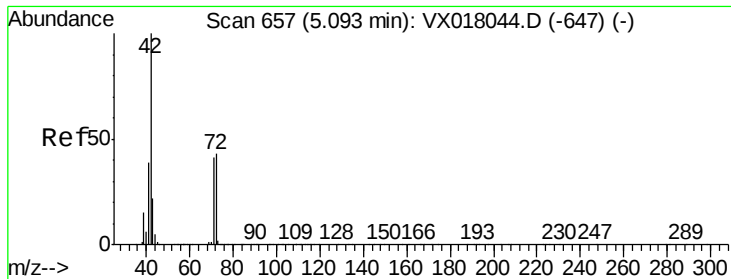


#28

Bromochloromethane
Concen: 47.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	294454		
129	2.1	0.0	4.6	
130	77.8	64.6	96.8	





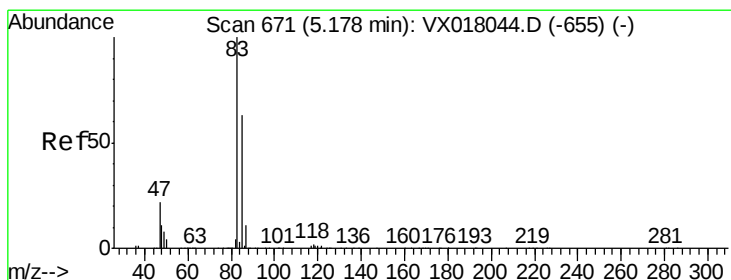
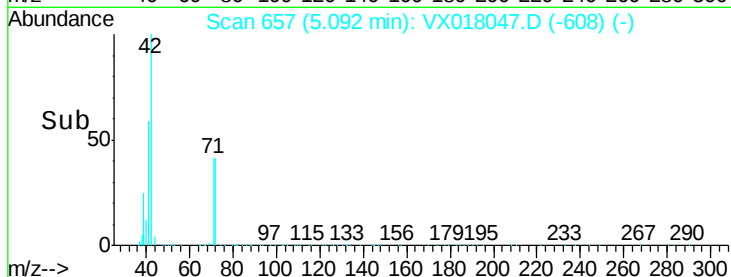
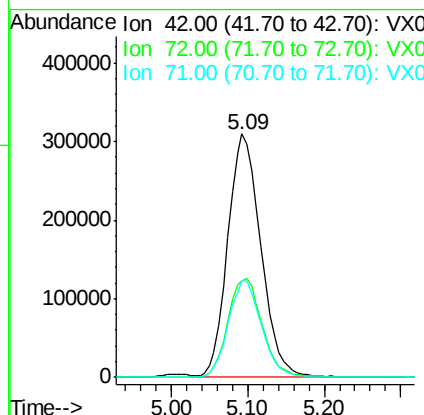
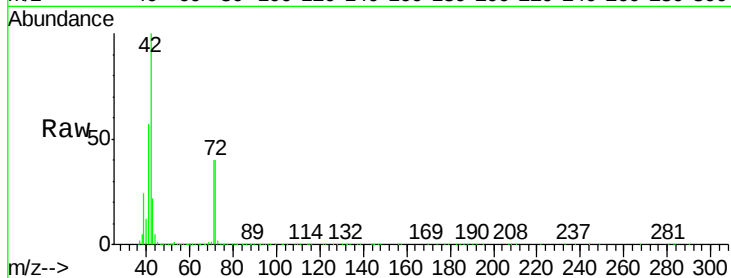
#29
Tetrahydrofuran
Concen: 248.108 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Resp	Lower	Upper
42	100	923884		
72	42.5		34.2	51.4
71	40.1		32.1	48.1

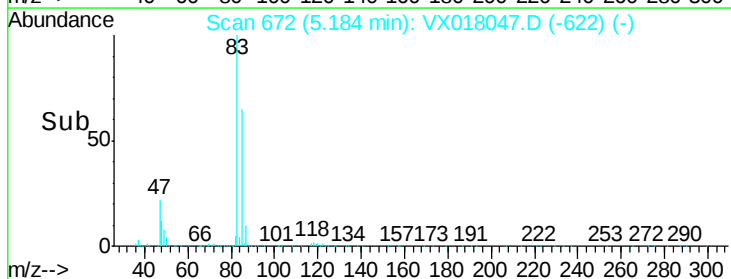
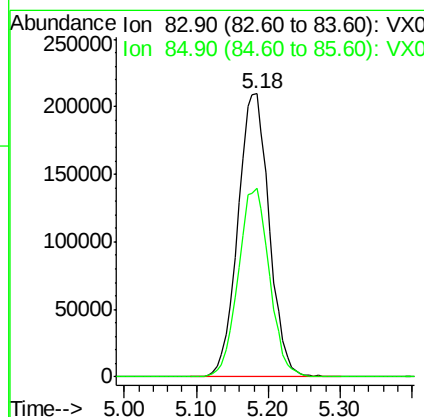
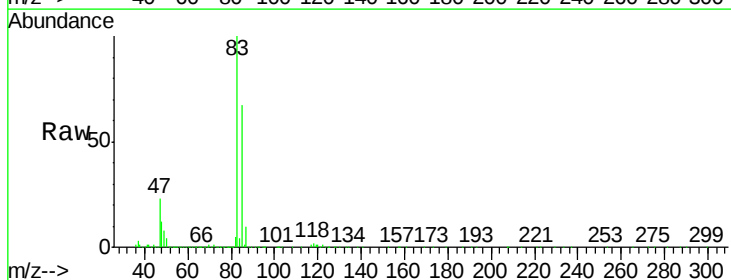
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#30
Chloroform
Concen: 47.169 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	633916		
85	66.6		50.7	76.1





#31

Cvclohexane

Concen: 48.357 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

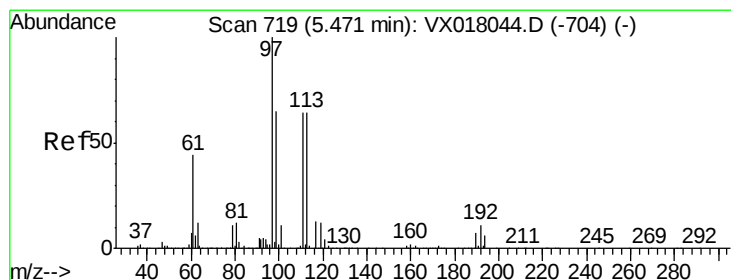
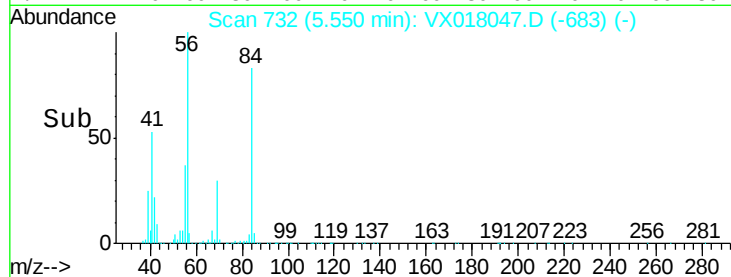
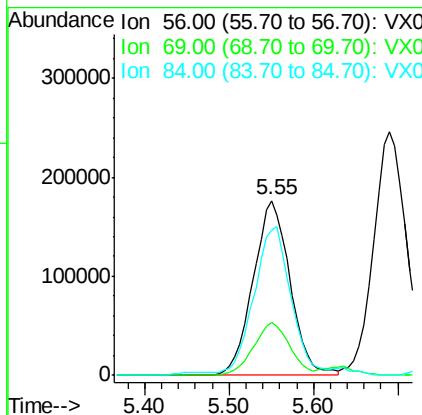
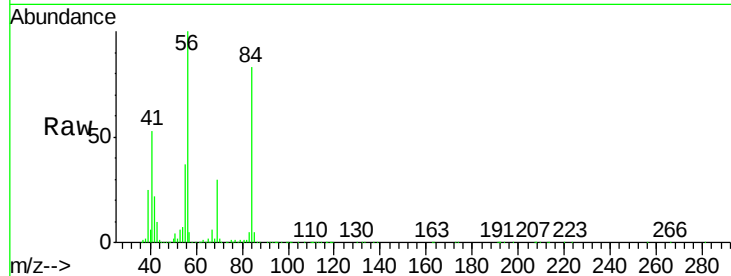
ClientSampleId :

ICVVX082120

Tot Ion:	56	Resp:	528698
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.9	35.9
84	81.9	67.0	100.4

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#32

1,1,1-Trichloroethane

Concen: 46.550 ug/l

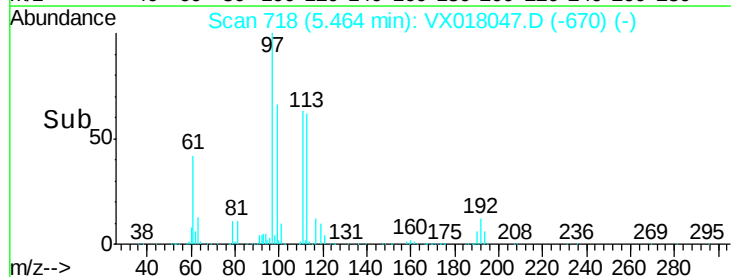
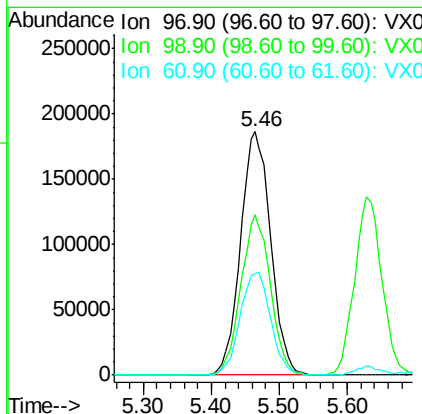
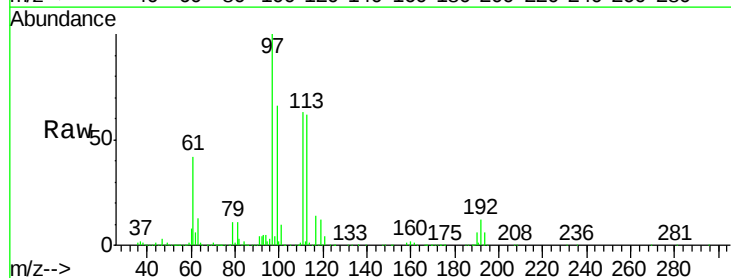
RT: 5.46 min Scan# 718

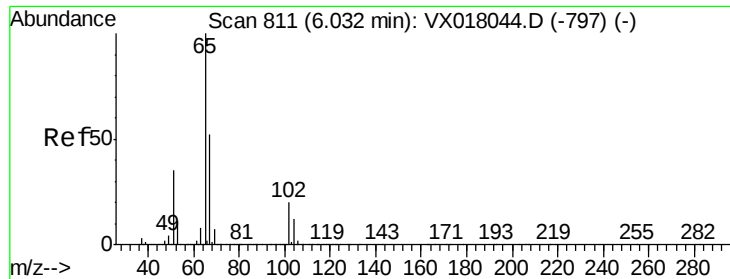
Delta R.T. -0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion:	97	Resp:	574109
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.8	34.2	51.4





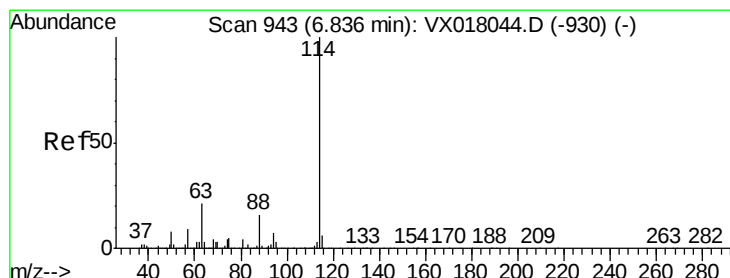
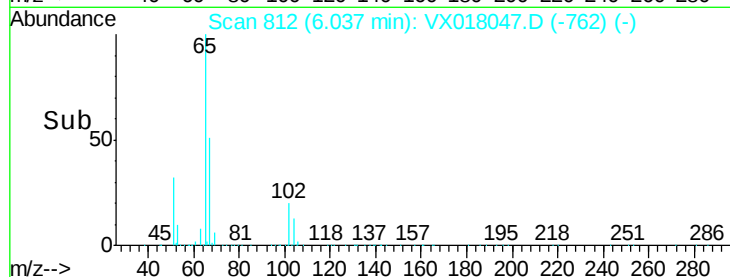
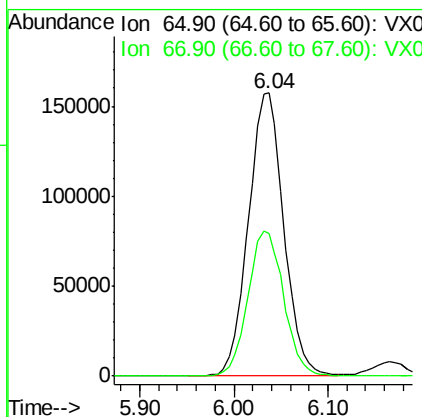
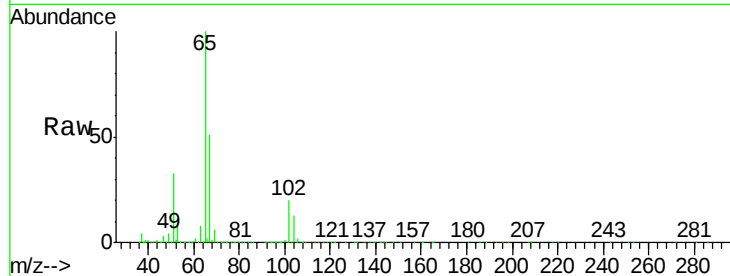
#33
 1,2-Dichloroethane-d4
 Concen: 45.324 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.8

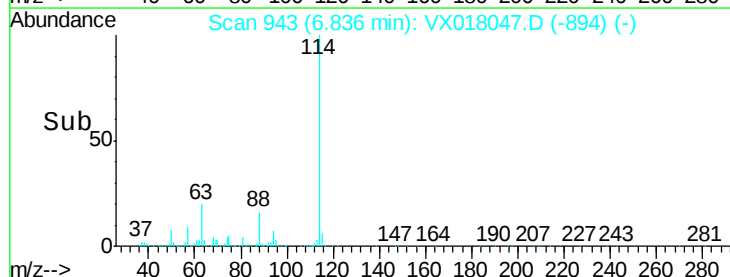
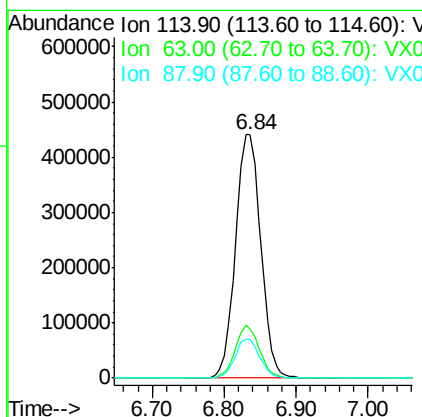
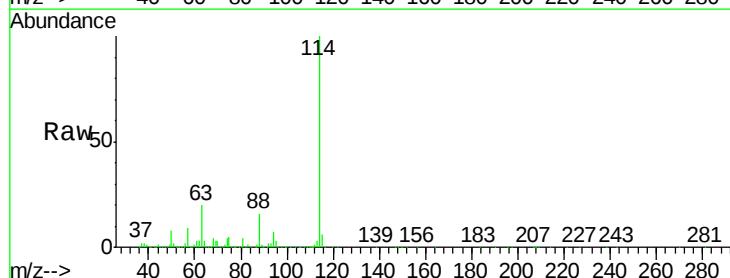
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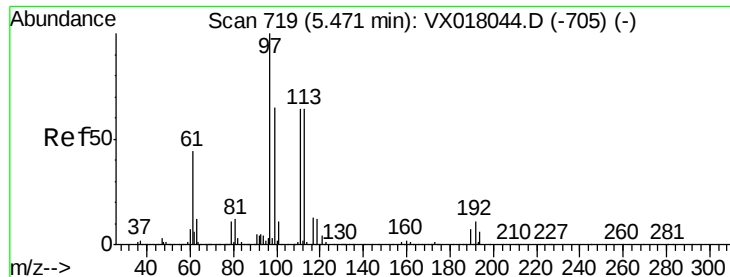
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	16.0	0.0	31.8





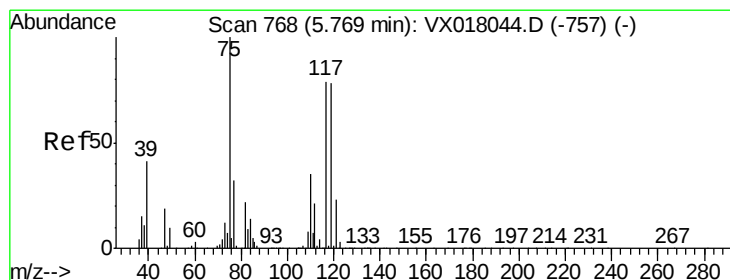
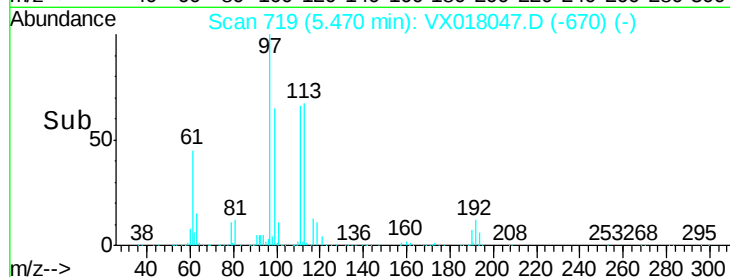
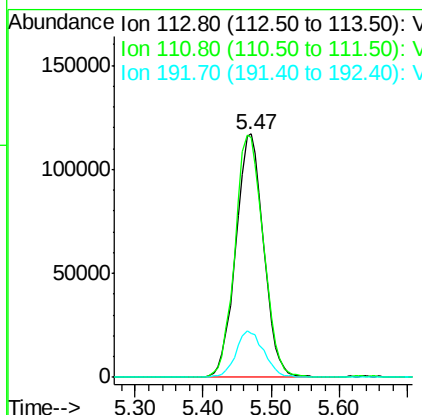
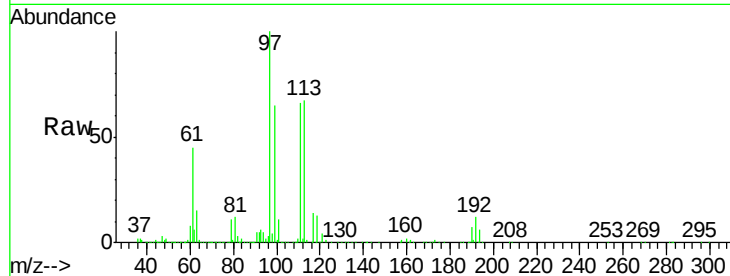
#35
 Dibromofluoromethane
 Concen: 45.236 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Tot Ion	Ratio	Resp	Lower	Upper
113	100	331356		
111	102.2	81.6	122.4	
192	19.2	15.8	23.8	

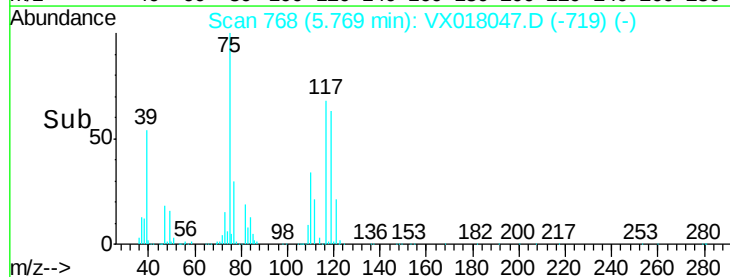
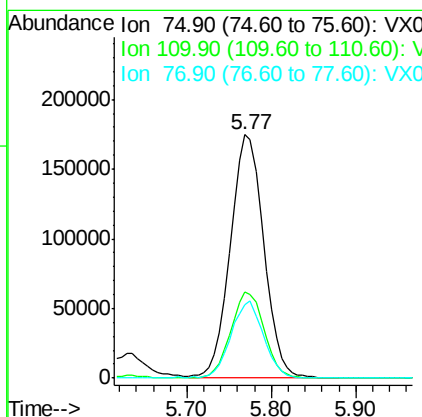
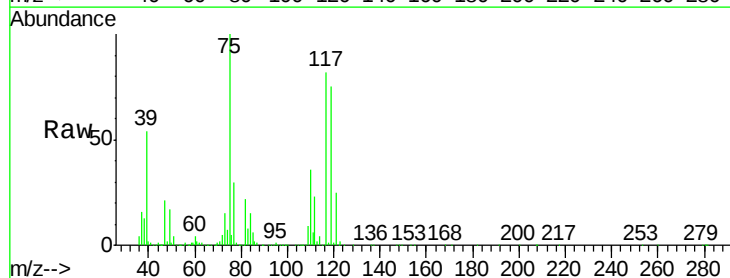
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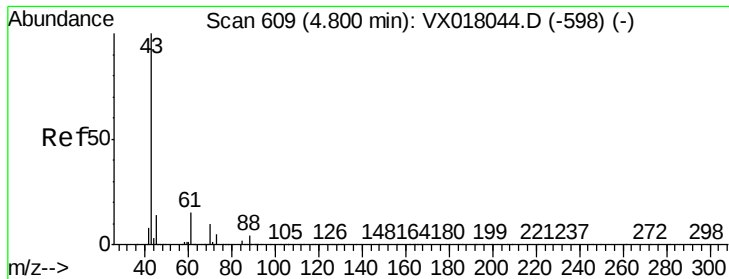
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#36
 1,1-Dichloropropene
 Concen: 47.129 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	467543		
110	35.5	18.0	54.0	
77	30.8	24.4	36.6	





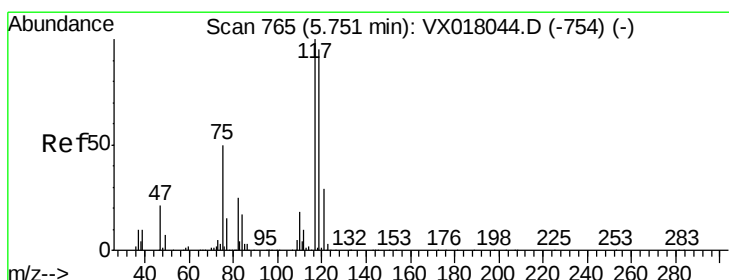
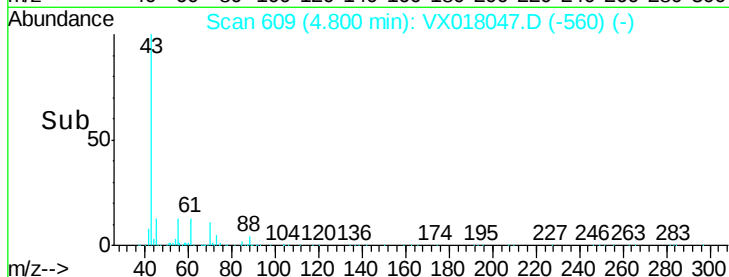
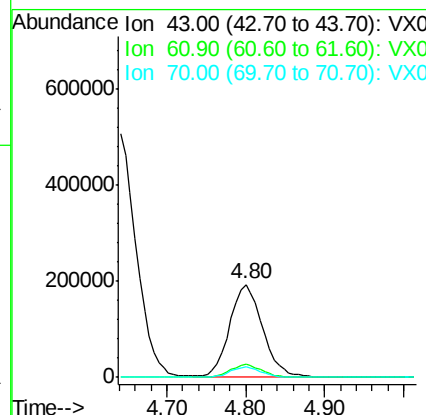
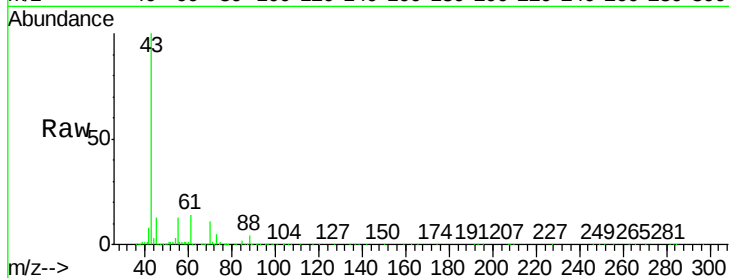
#37
Ethyl Acetate
Concen: 48.537 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion:	43	Resp:	559245
Ion Ratio	Lower	Upper	
43	100		
61	13.3	11.3	16.9
70	10.4	8.2	12.4

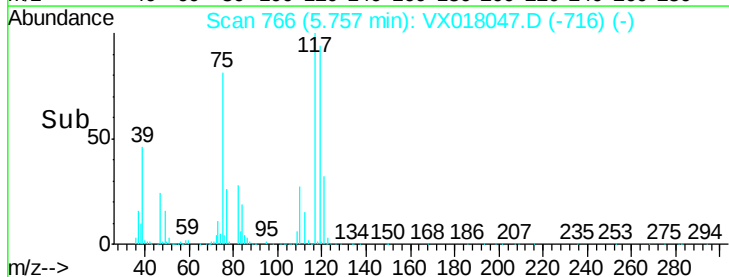
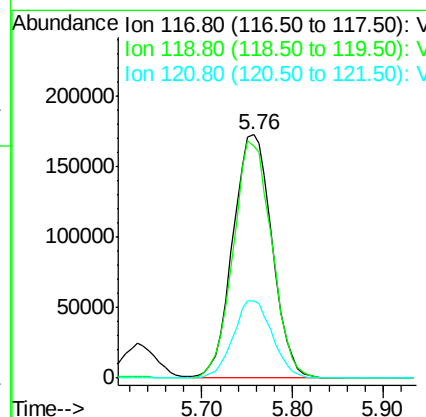
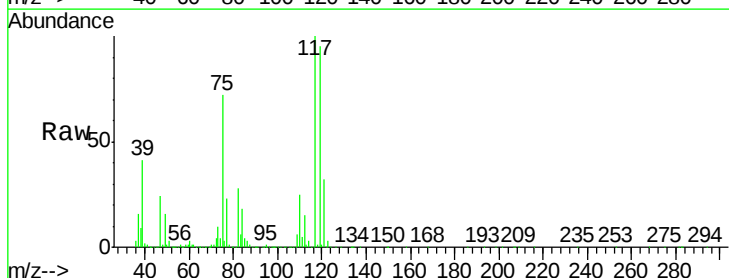
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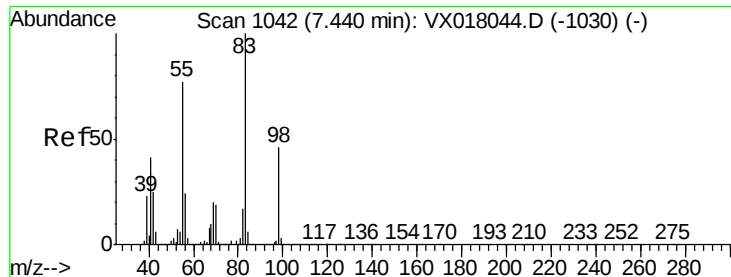
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#38
Carbon Tetrachloride
Concen: 46.237 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion:	117	Resp:	516926
Ion Ratio	Lower	Upper	
117	100		
119	95.2	75.8	113.6
121	31.5	23.4	35.0





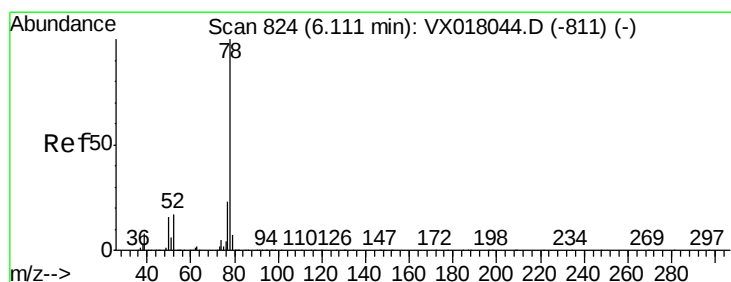
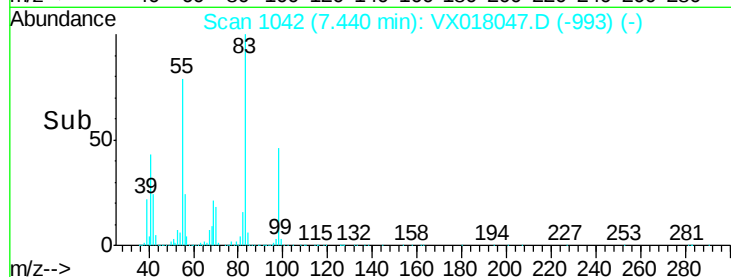
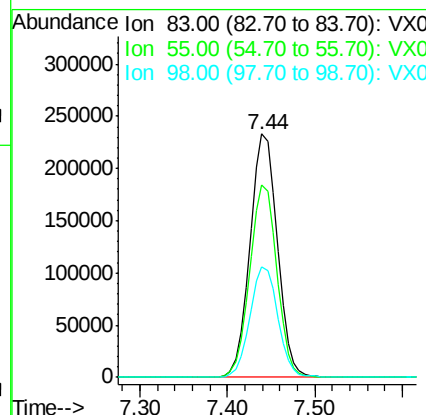
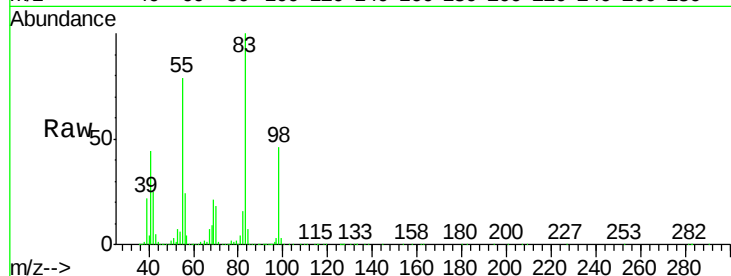
#39
Methylvlcyclohexane
Concen: 46.786 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.8	92.6
98	45.6	36.6	55.0

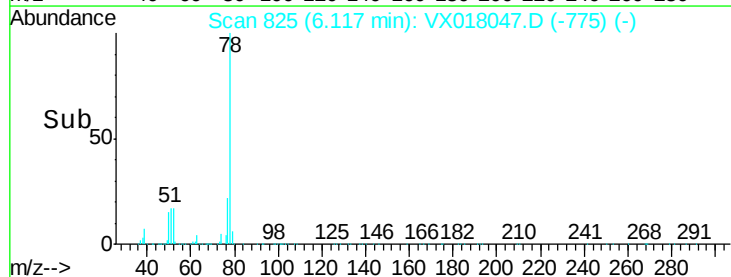
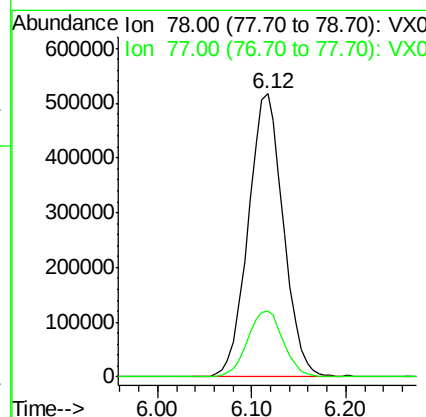
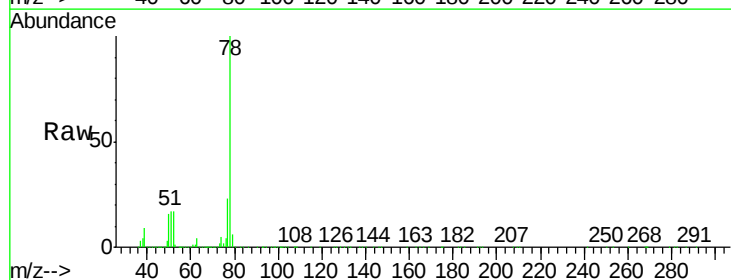
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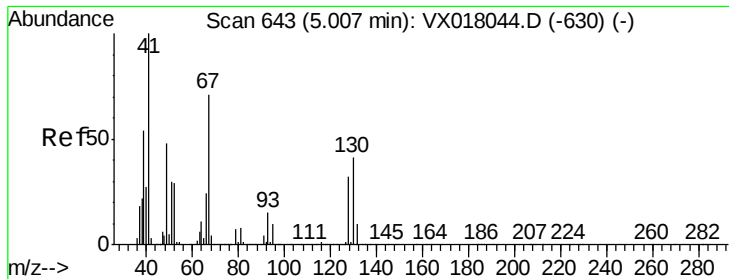
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#40
Benzene
Concen: 46.225 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.2





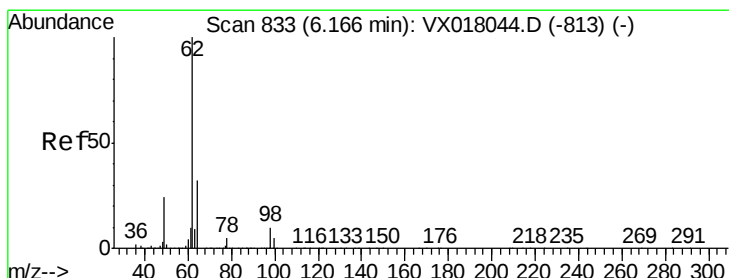
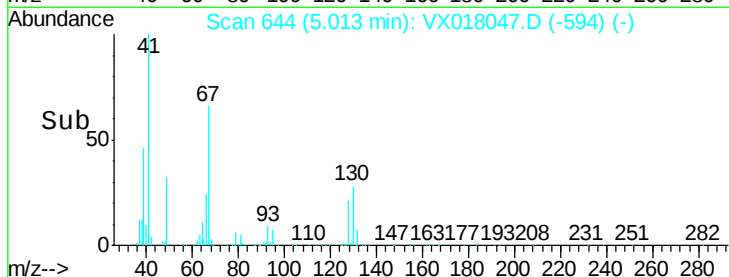
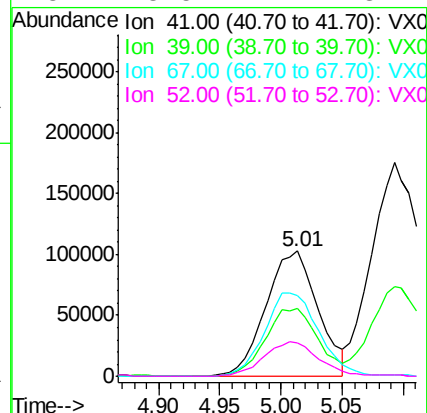
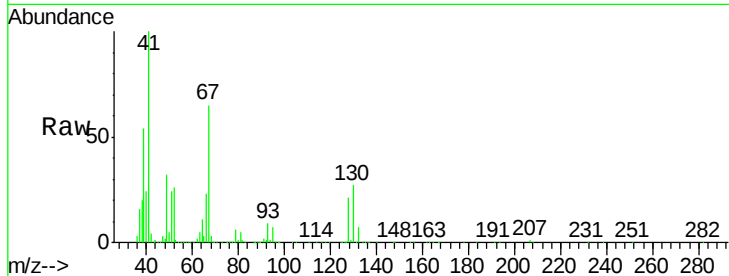
#41
Methacrylonitrile
Concen: 48.128 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ion	Ratio	Lower	Upper
304479	41	100		
	39	54.4	43.1	64.7
	67	69.8	56.0	84.0
	52	28.5	22.7	34.1

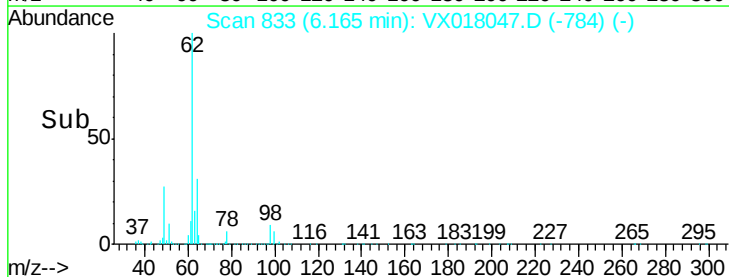
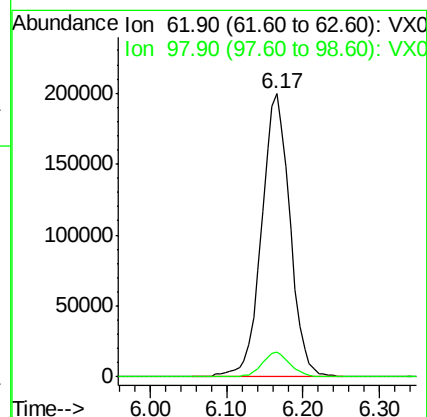
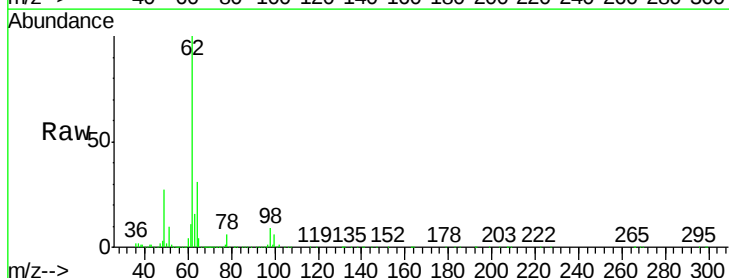
Manual Integrations
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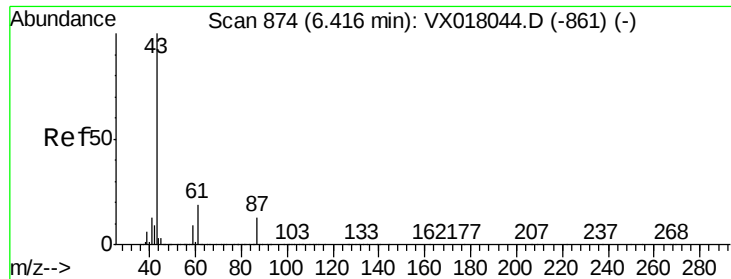
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#42
1,2-Dichloroethane
Concen: 46.316 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ion	Ratio	Lower	Upper
517282	62	100		
	98	8.6	0.0	18.2





#43

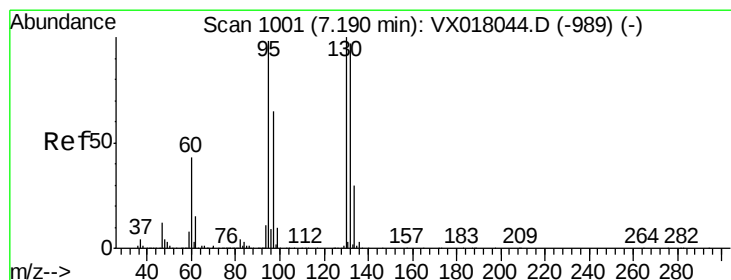
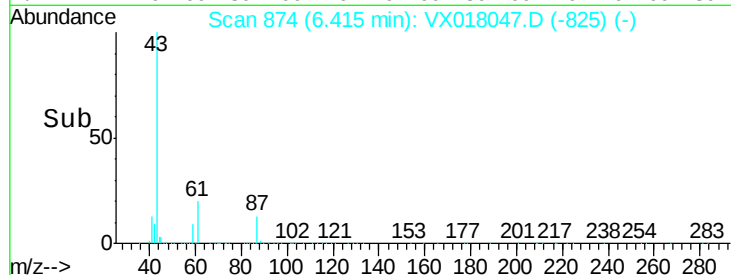
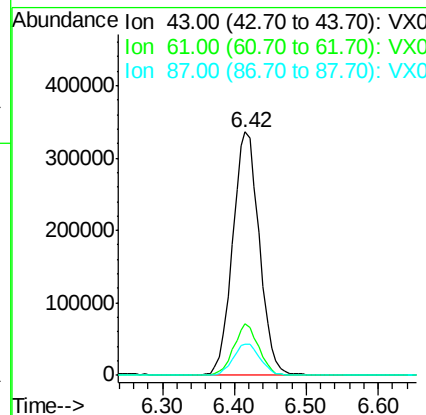
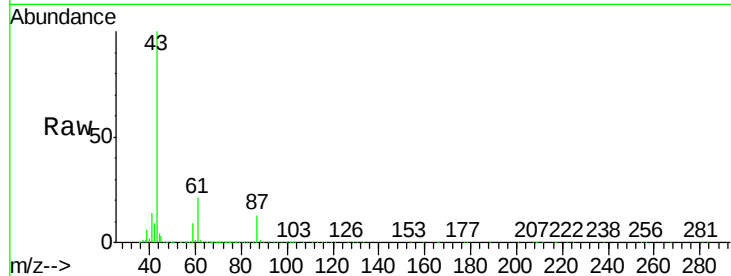
Isopropyl Acetate
 Concen: 46.144 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.7	23.5
87	13.1	10.3	15.5

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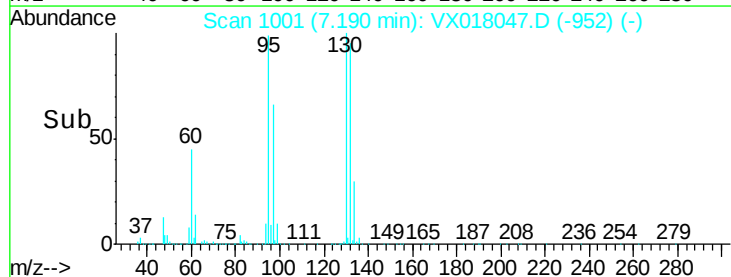
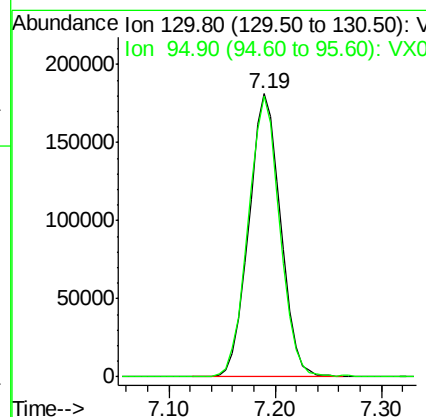
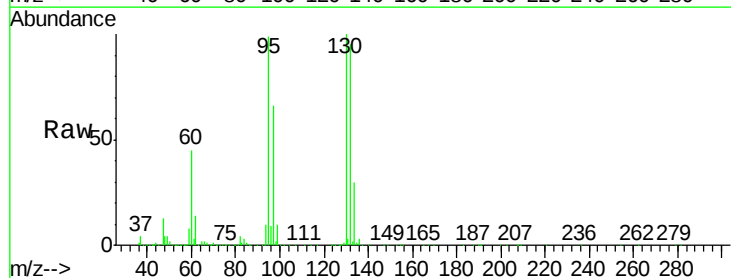
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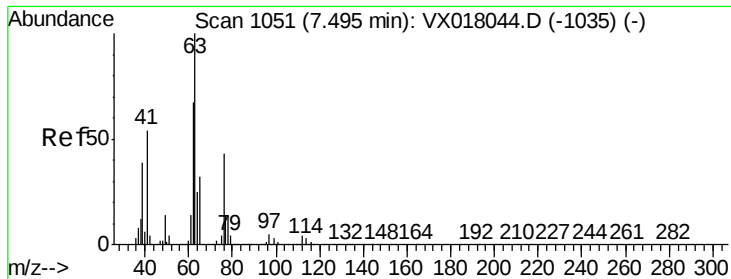


#44

Trichloroethene
 Concen: 46.162 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	196.4





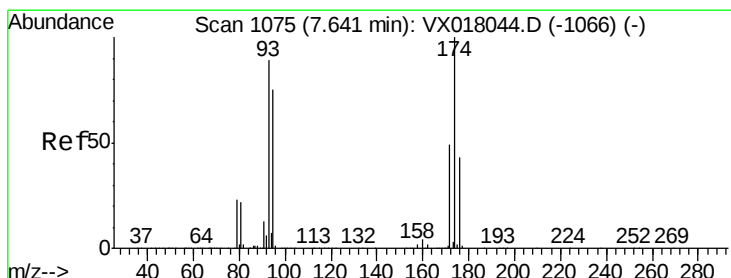
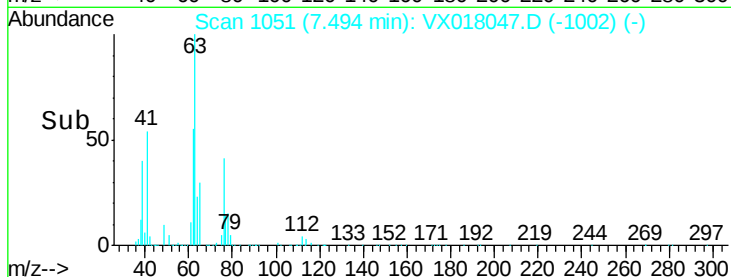
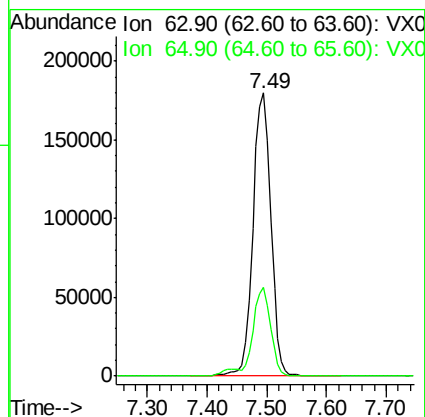
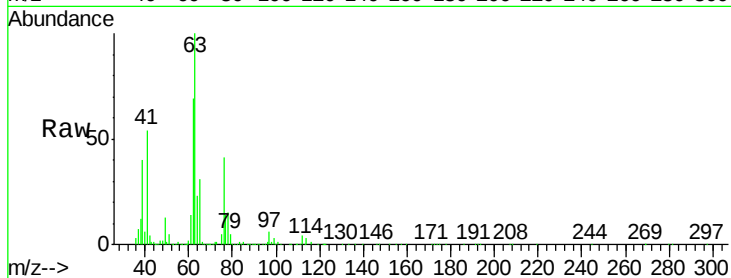
#45
 1,2-Dichloropropane
 Concen: 47.804 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.7	38.5

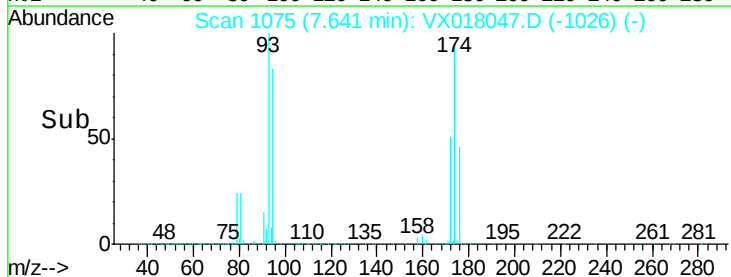
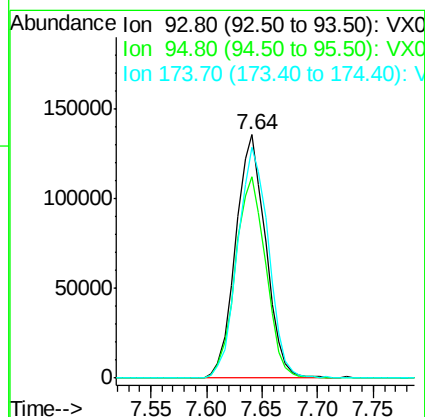
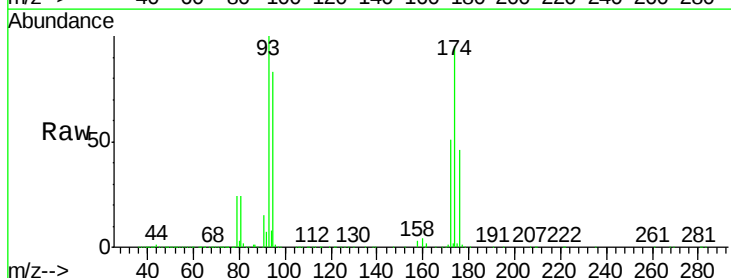
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#46
 Dibromomethane
 Concen: 45.920 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.3	100.9
174	98.1	82.2	123.2





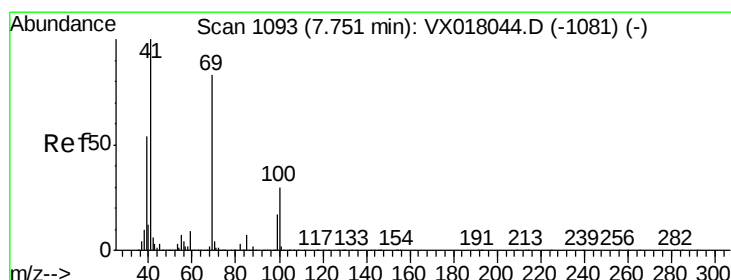
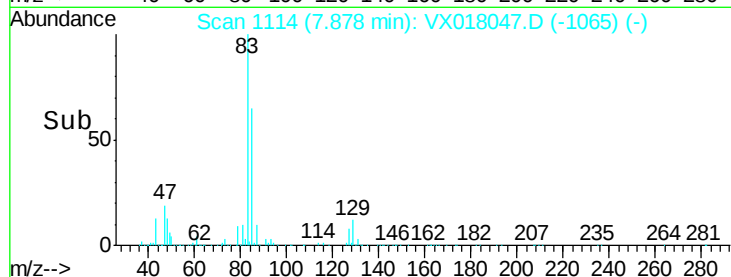
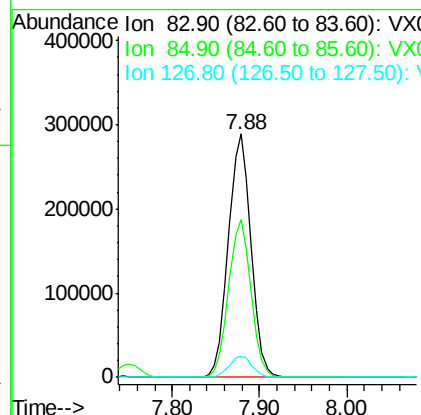
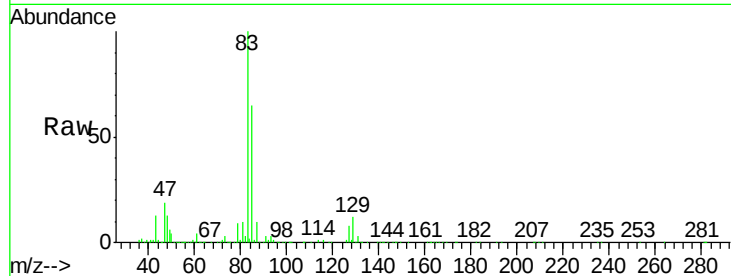
#47
Bromodichloromethane
Concen: 47.043 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion:	83	Resp:	518941
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.8	77.6
127	8.5	7.7	11.5

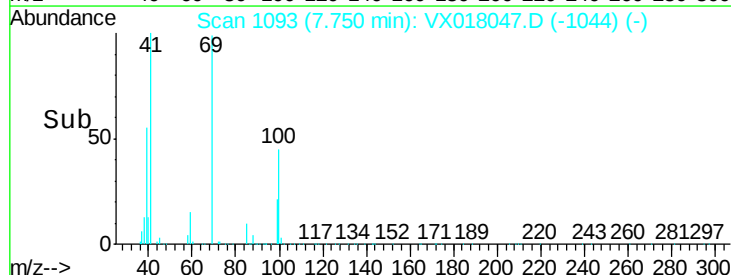
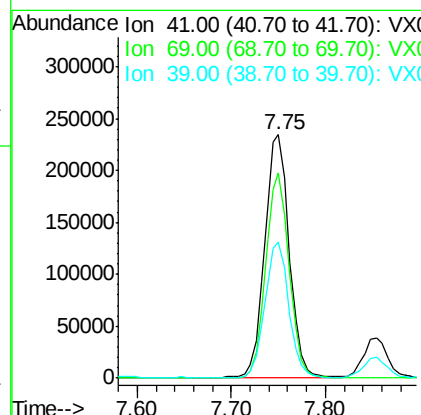
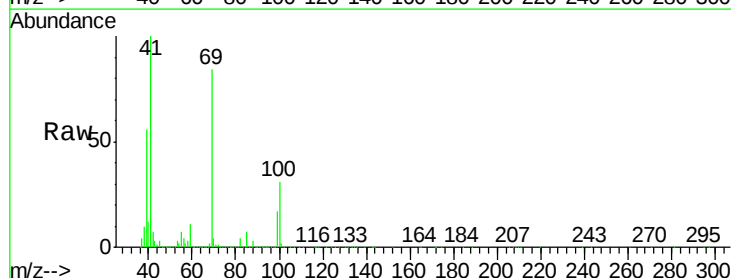
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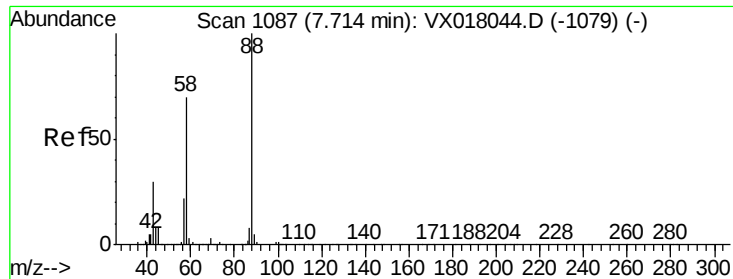
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#48
Methyl methacrylate
Concen: 46.433 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion:	41	Resp:	430167
Ion Ratio	Lower	Upper	
41	100		
69	80.7	65.5	98.3
39	54.9	44.5	66.7





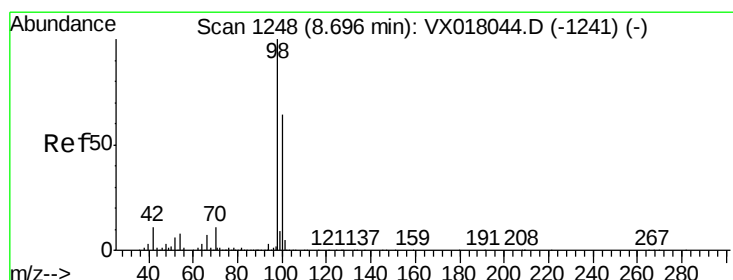
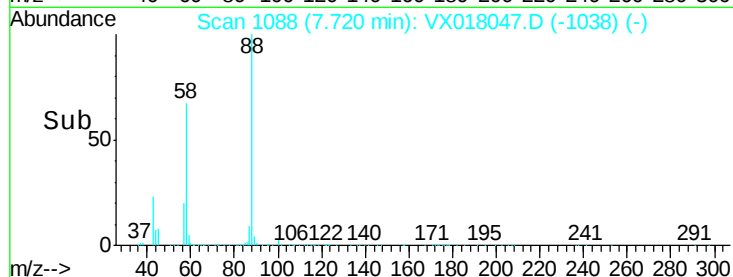
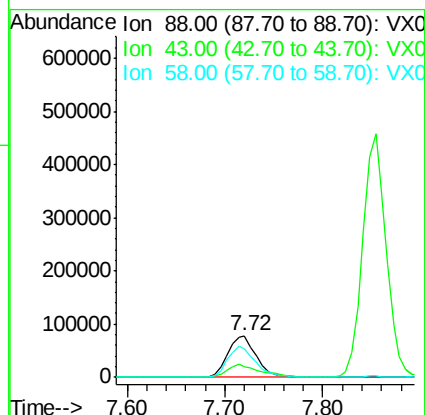
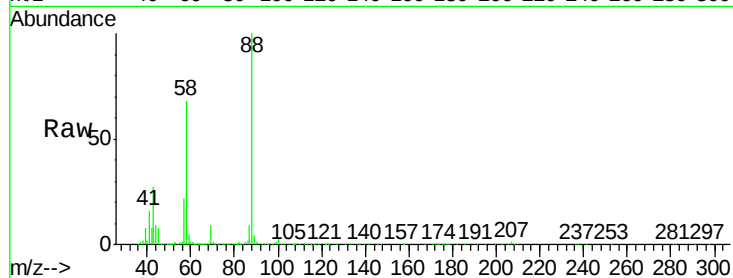
#49
1,4-Dioxane
Concen: 940.362 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	27.4	41.0
58	74.0	56.4	84.6

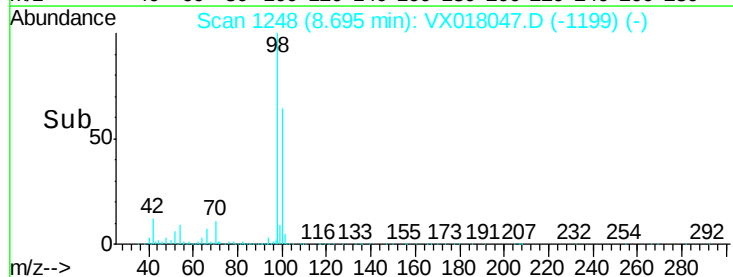
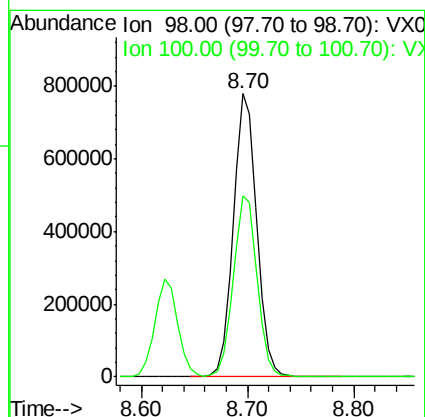
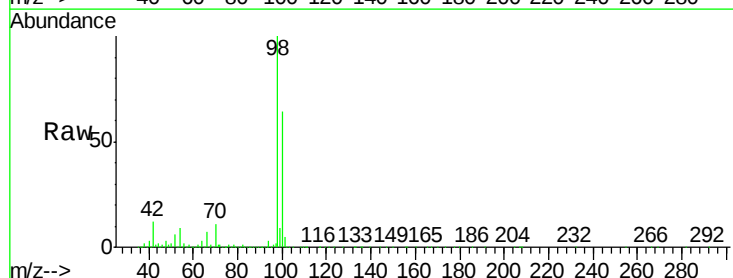
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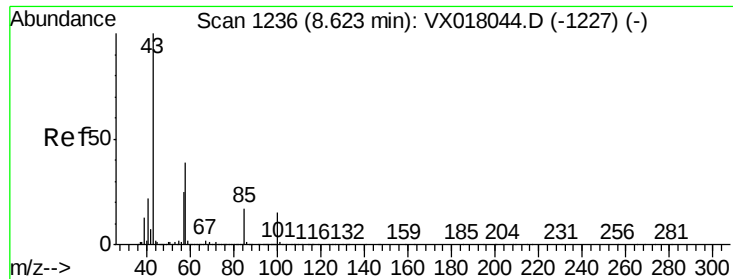
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#50
Toluene-d8
Concen: 44.123 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 244.696 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 43 Resp: 2812934

Ion Ratio Lower Upper

43 100

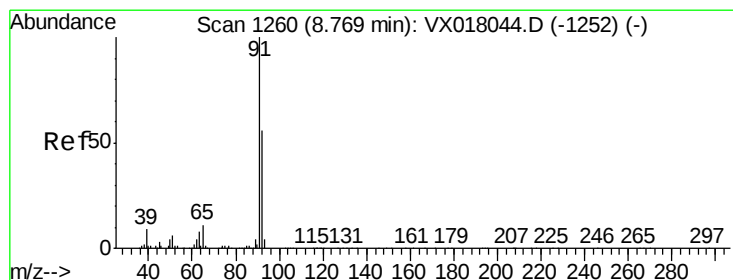
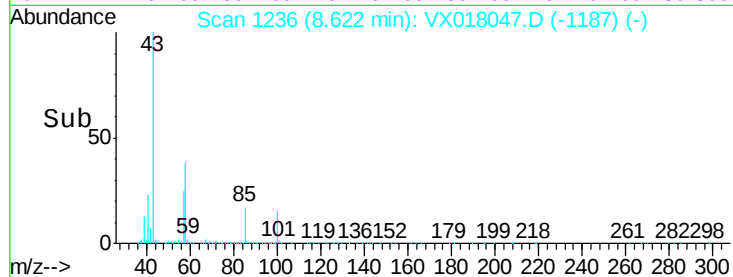
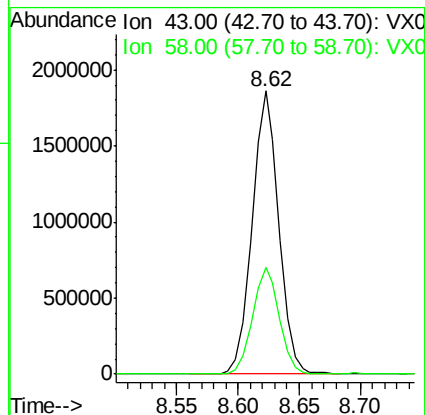
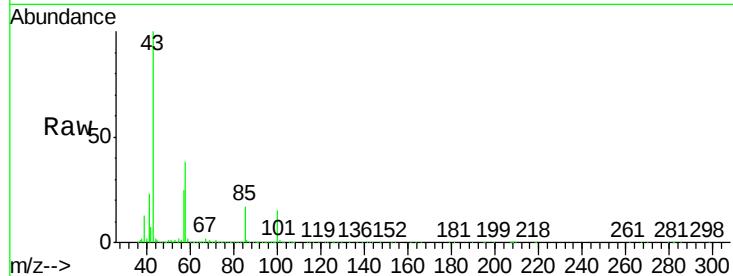
58 38.0 30.7 46.1

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#52

Toluene

Concen: 46.575 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018047.D

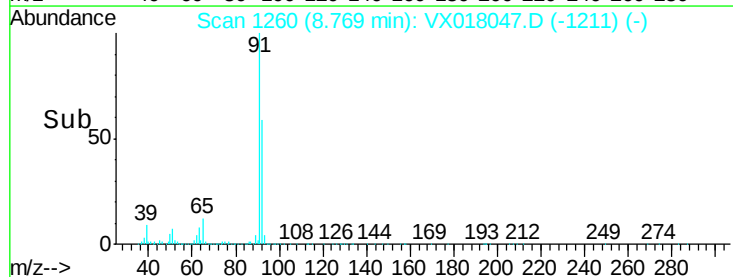
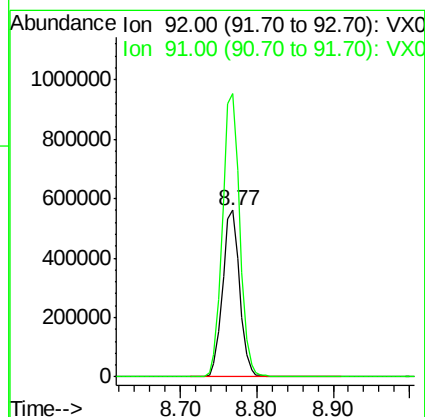
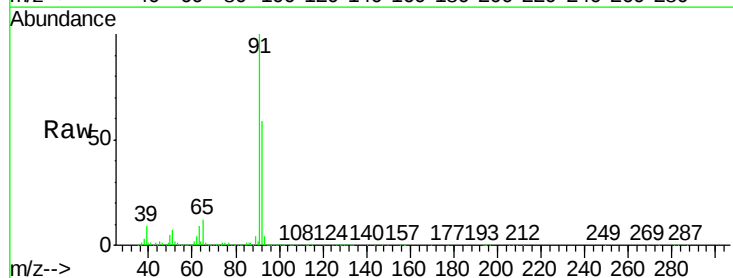
Acq: 20 Aug 2020 21:39

Tgt Ion: 92 Resp: 860889

Ion Ratio Lower Upper

92 100

91 173.0 140.3 210.5





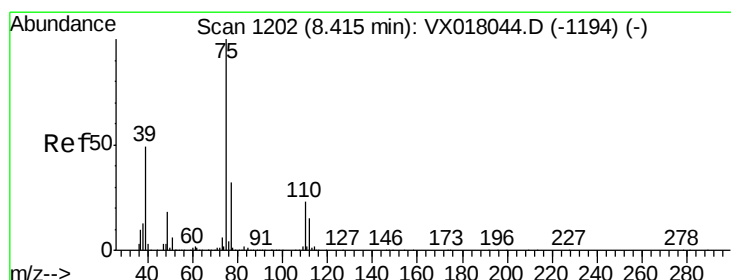
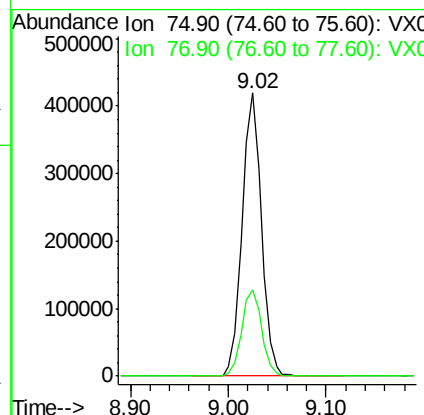
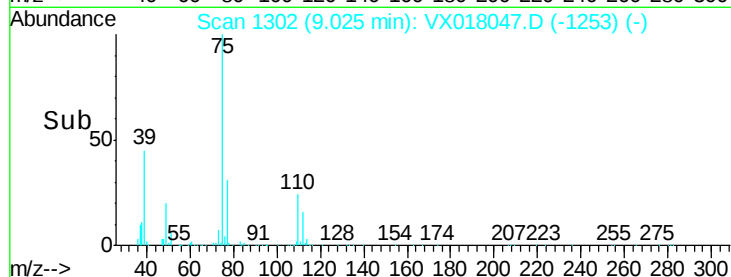
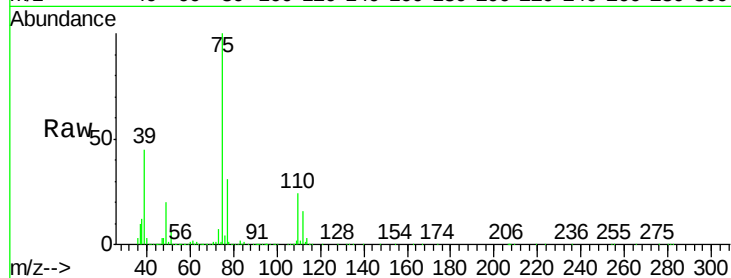
#53
t-1,3-Dichloropropene
Concen: 46.903 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion: 75 Resp: 573442
Ion Ratio Lower Upper
75 100
77 30.5 26.6 39.8

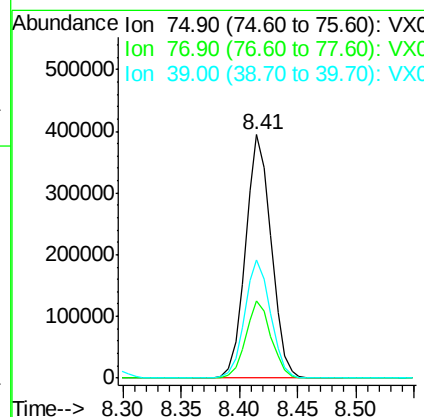
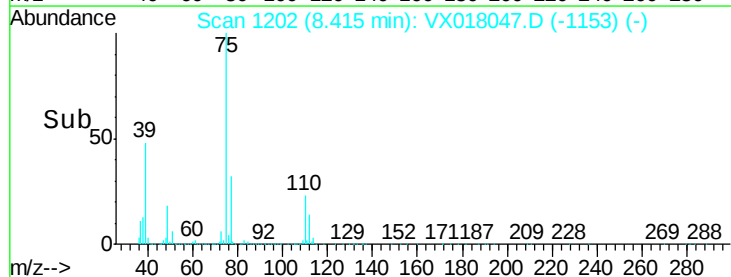
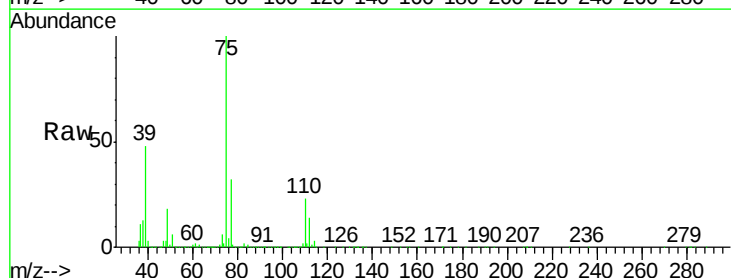
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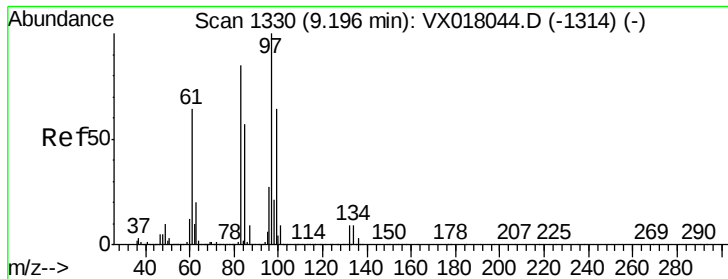
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#54
cis-1,3-Dichloropropene
Concen: 46.955 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 75 Resp: 608131
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
39 48.4 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 45.321 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

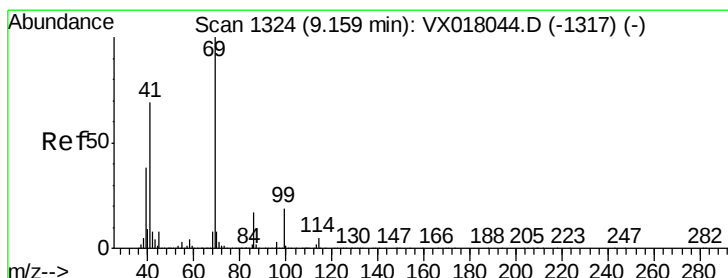
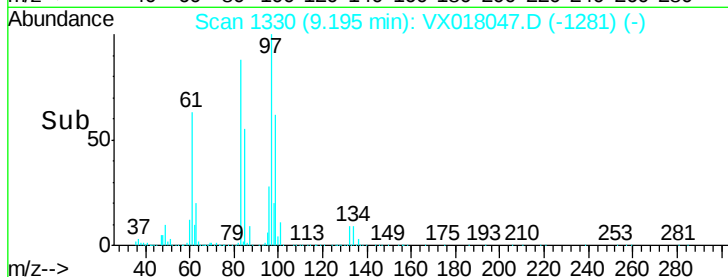
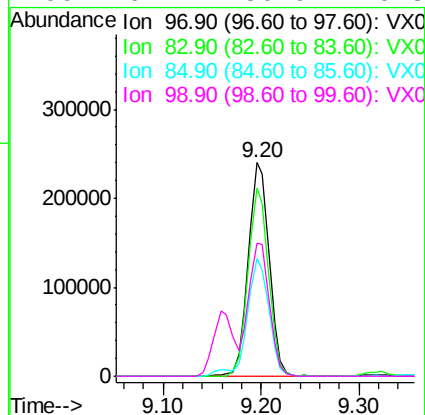
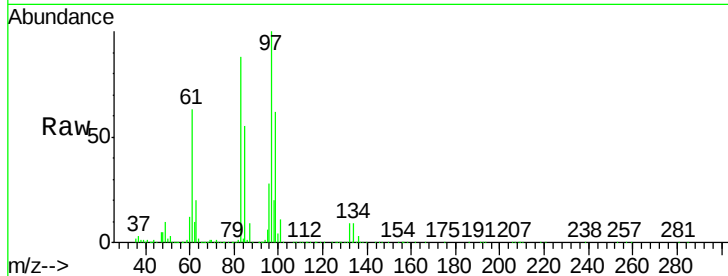
ClientSampleId :

ICVVX082120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		357276		
83	88.1	67.8	101.6		
85	54.8	45.3	67.9		
99	62.4	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 48.123 ug/l

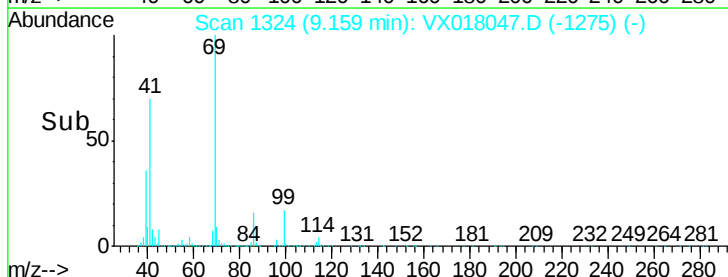
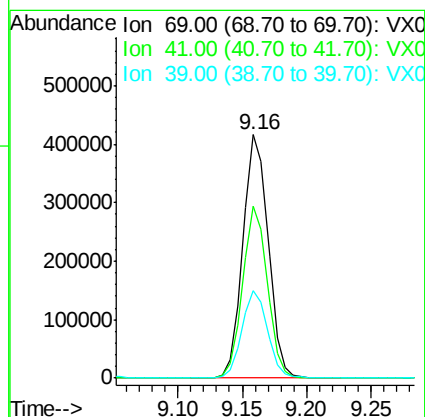
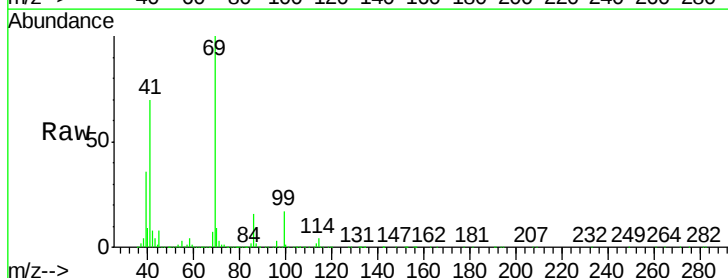
RT: 9.16 min Scan# 1324

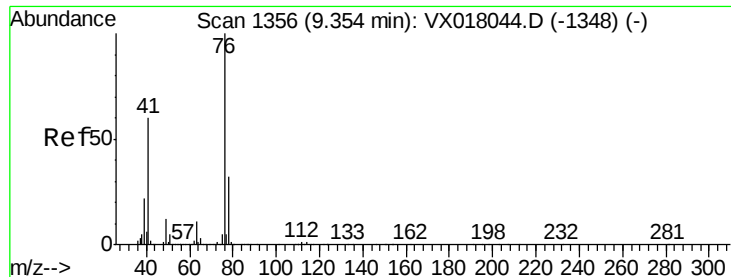
Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		563969		
41	69.1	54.6	81.8		
39	36.1	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 46.782 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 76 Resp: 608282

Ion Ratio Lower Upper

76 100

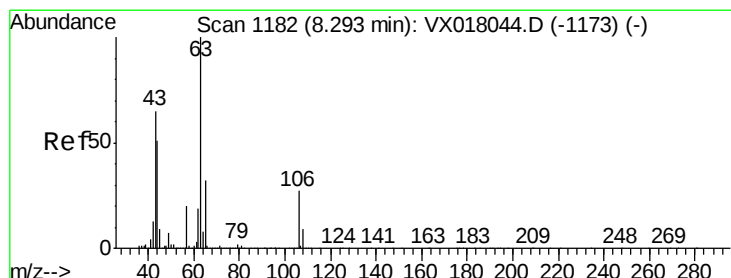
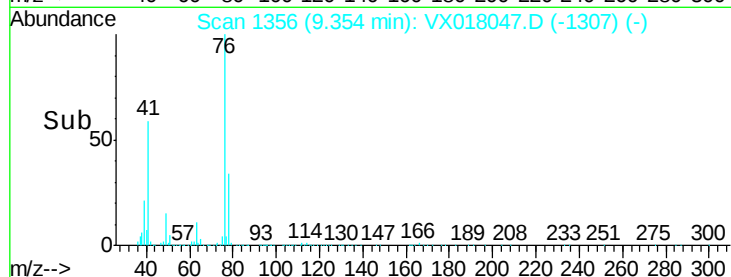
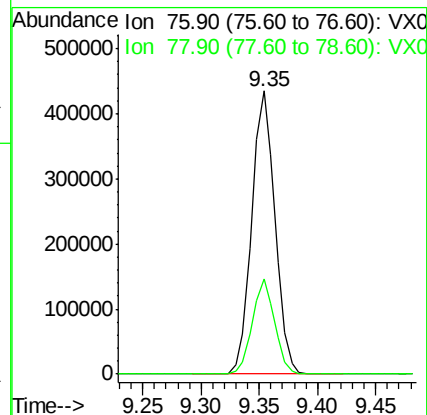
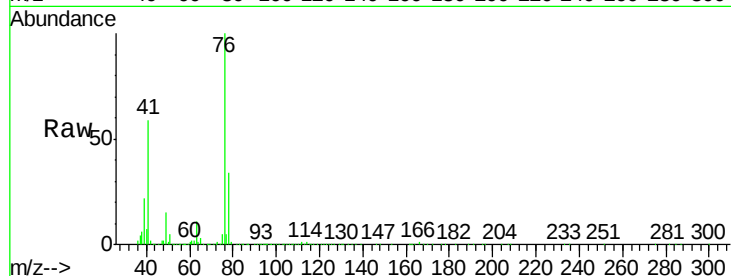
78 32.1 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 232.473 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018047.D

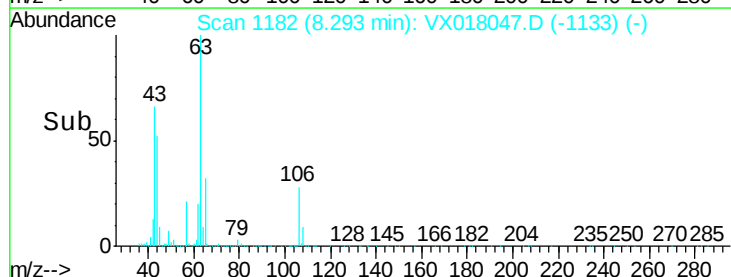
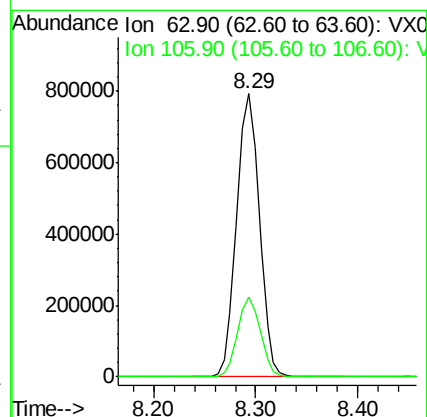
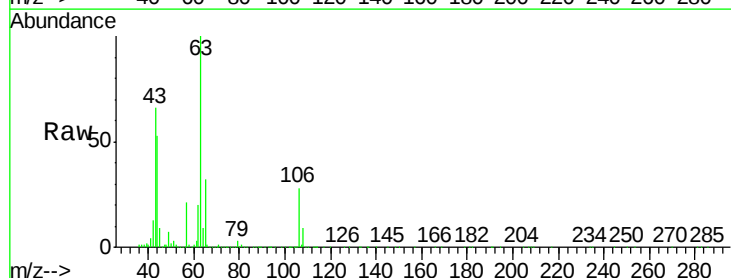
Acq: 20 Aug 2020 21:39

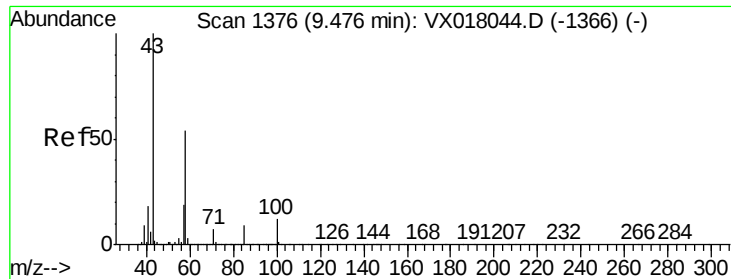
Tgt Ion: 63 Resp: 1225575

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1





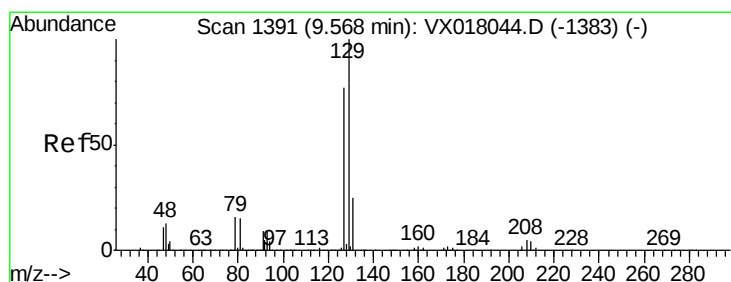
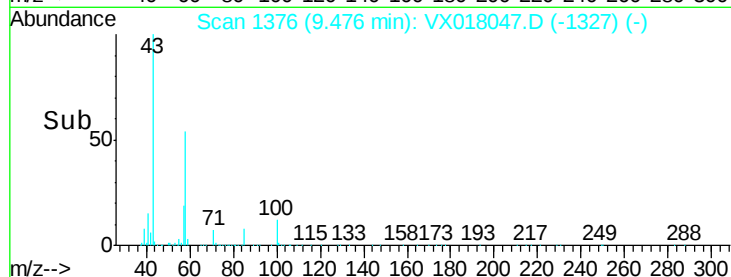
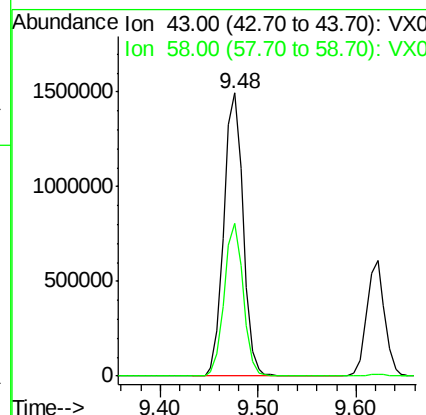
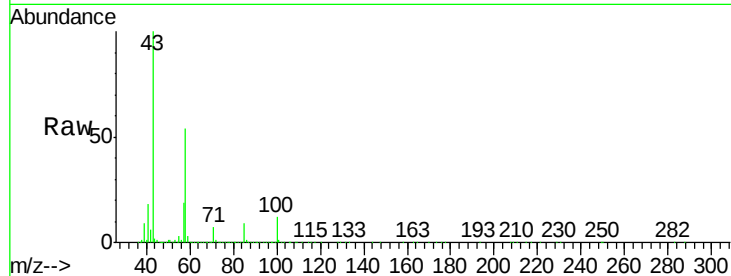
#59
2-Hexanone
Concen: 234.910 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion: 43 Resp: 2053378
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7

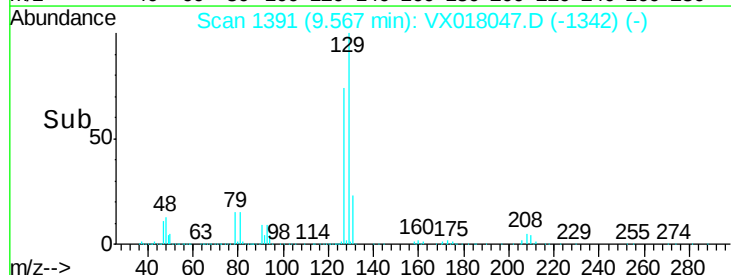
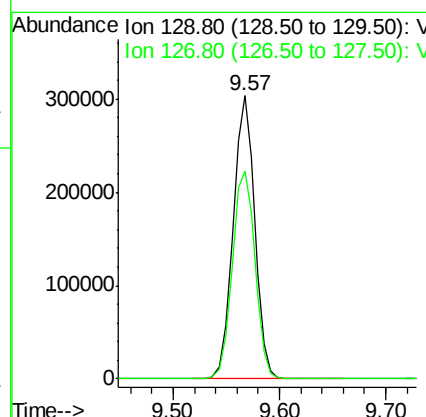
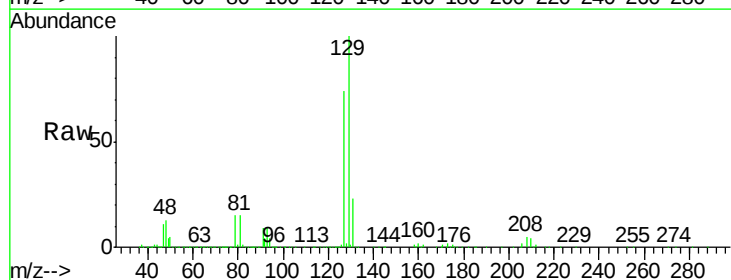
Manual Integrations
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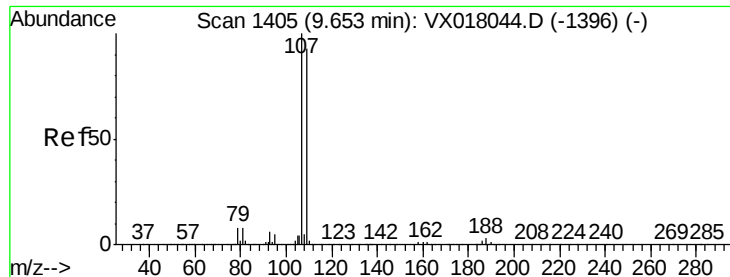
MMDadoda
8/21/2020 11:23:16 AM



#60
Dibromochloromethane
Concen: 46.739 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 129 Resp: 432233
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 44.364 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 107 Resp: 379690

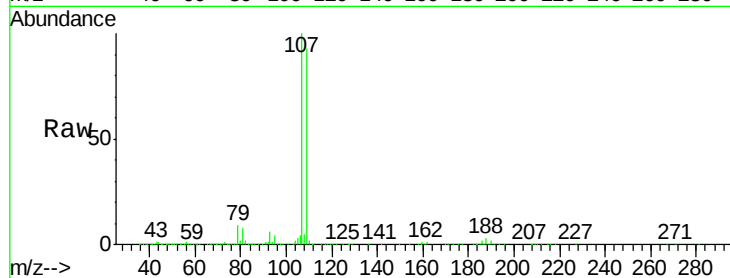
Ion Ratio Lower Upper

107 100

109 93.0 75.9 113.9

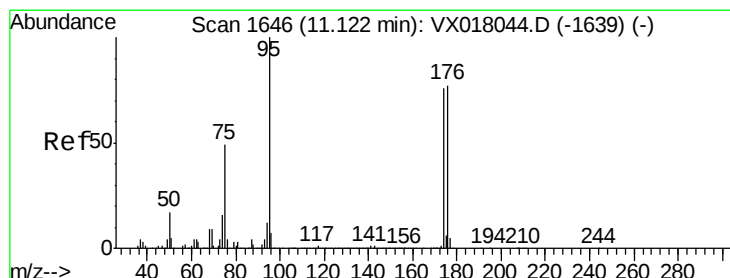
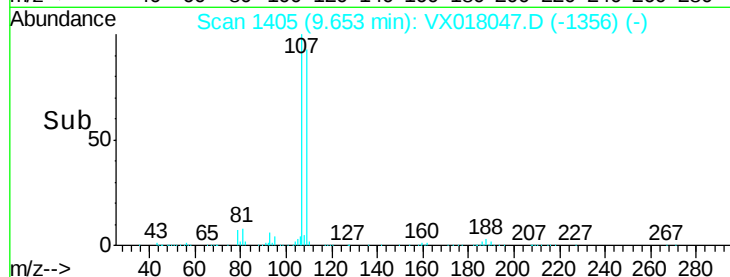
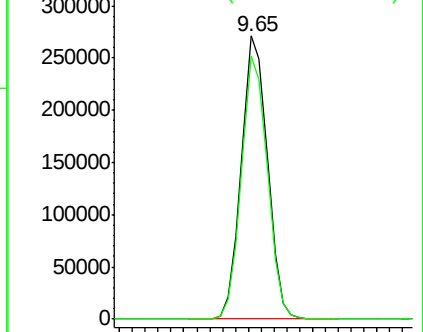
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.409 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

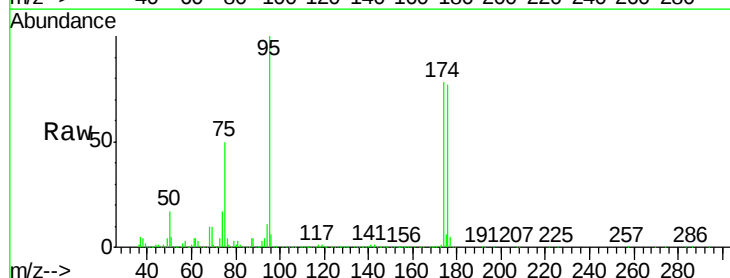
Tgt Ion: 95 Resp: 465955

Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.2

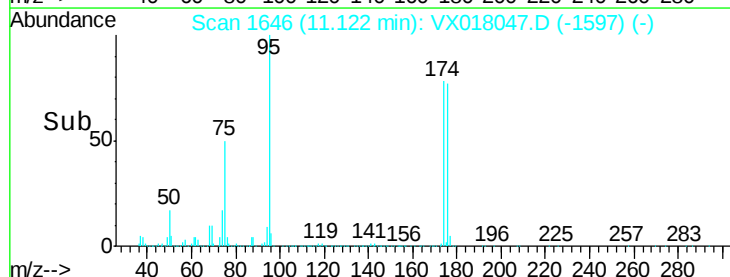
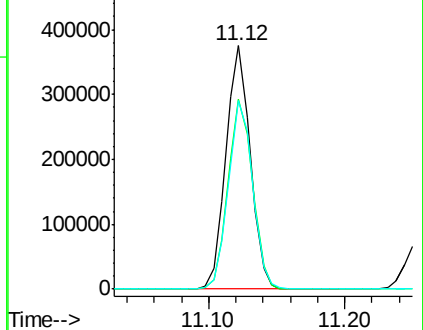
176 77.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





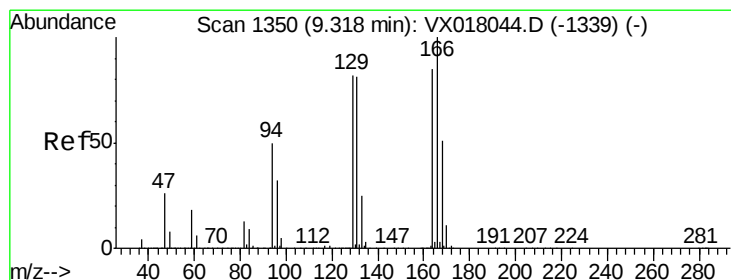
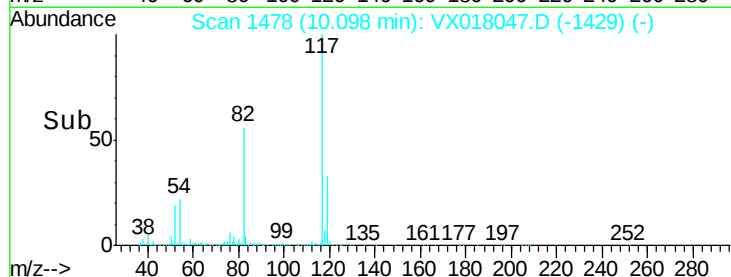
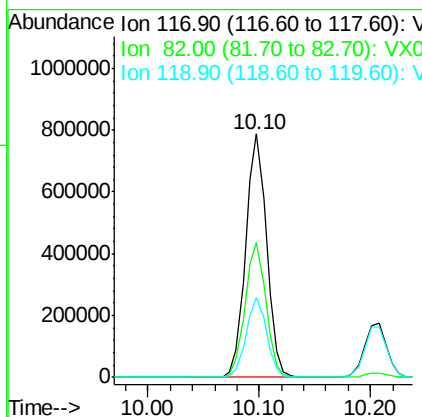
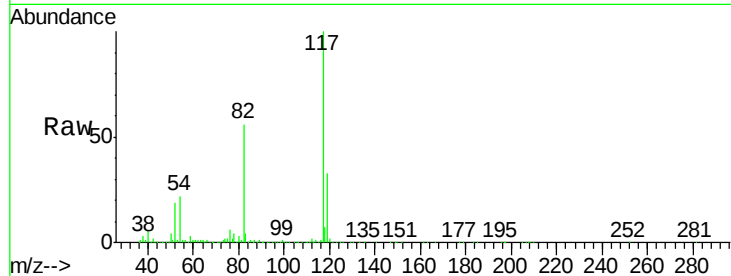
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	32.5	25.7	38.5

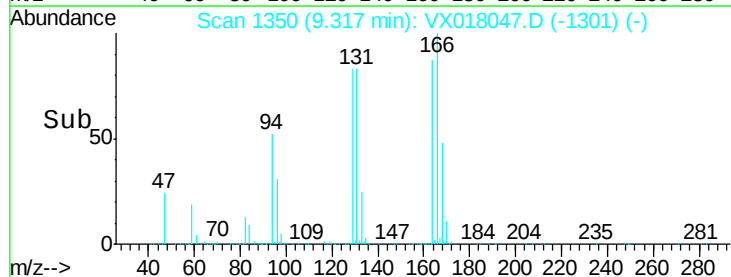
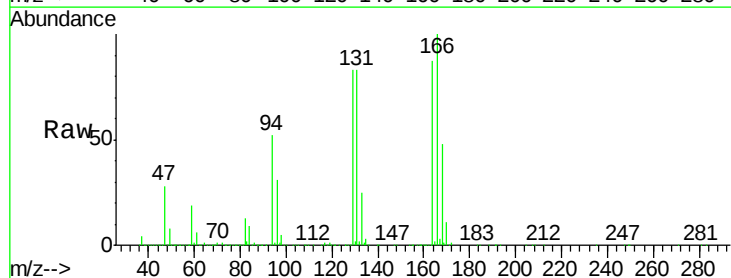
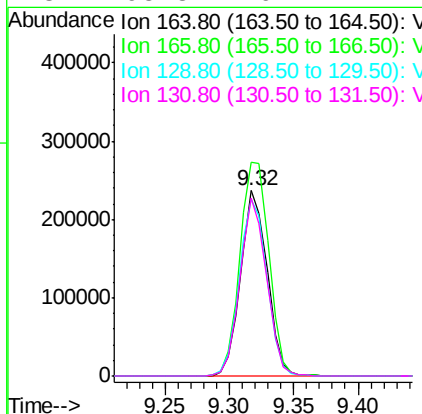
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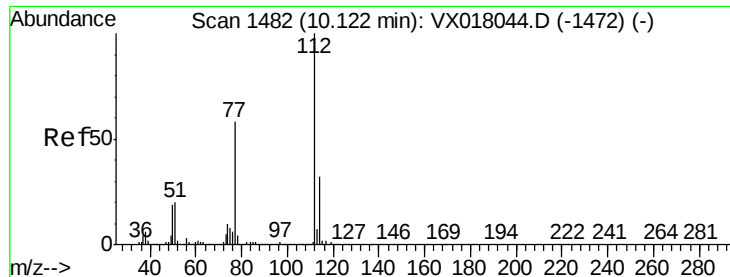
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#64
Tetrachloroethene
Concen: 44.672 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	115.3	94.2	141.2
129	95.3	76.9	115.3
131	95.8	76.1	114.1





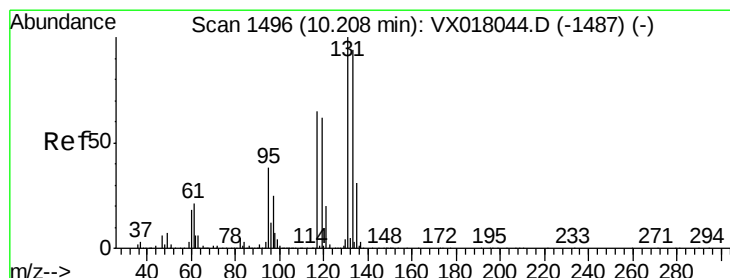
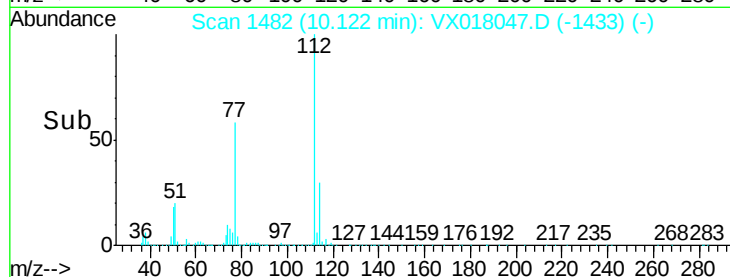
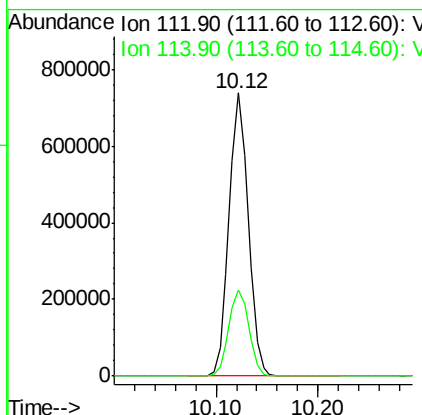
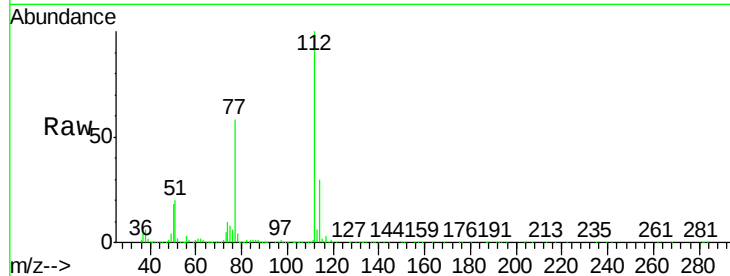
#65
Chlorobenzene
Concen: 46.964 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.7	38.5

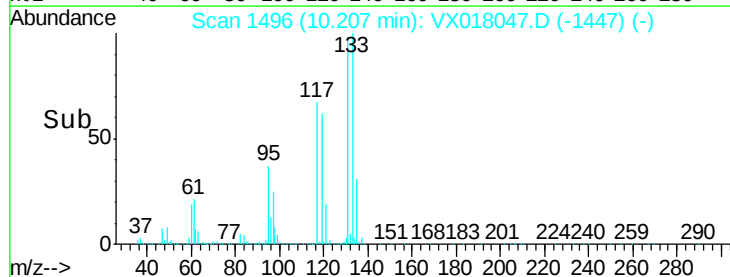
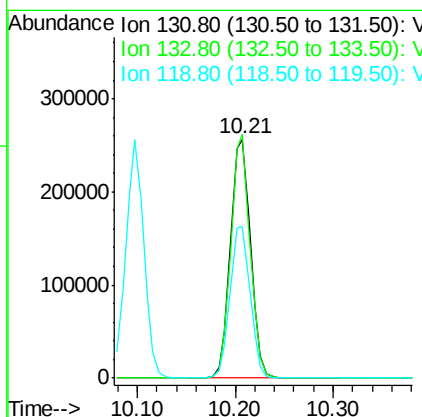
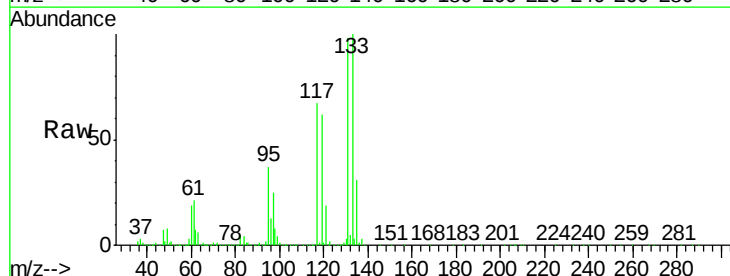
Manual Integrations
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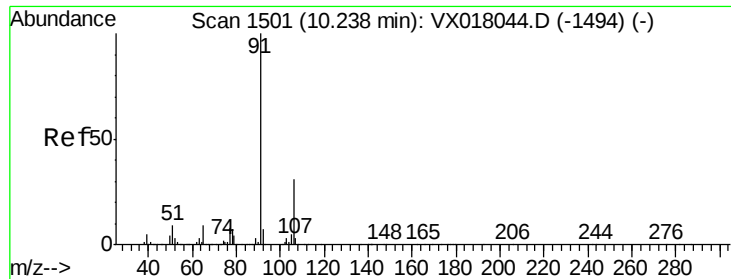
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.287 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.3	46.7	140.1
119	63.8	31.8	95.4





#67

Ethyl Benzene

Concen: 48.281 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 91 Resp: 1683084

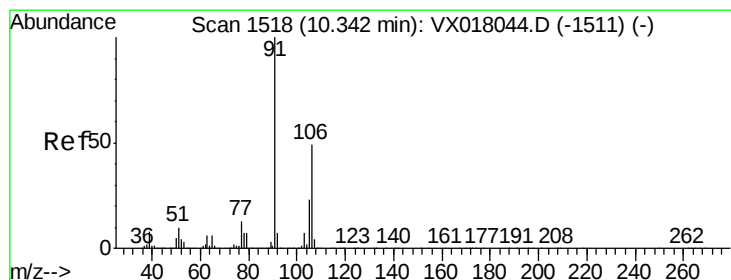
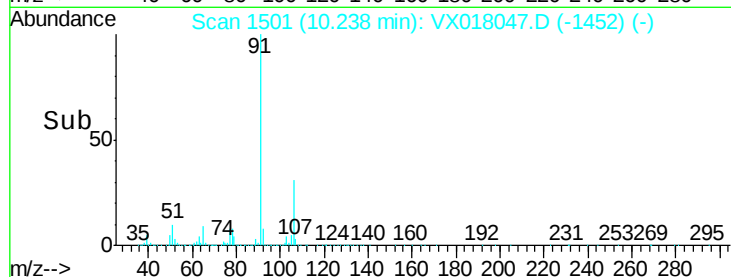
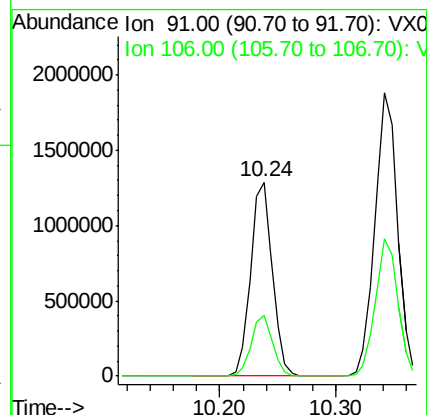
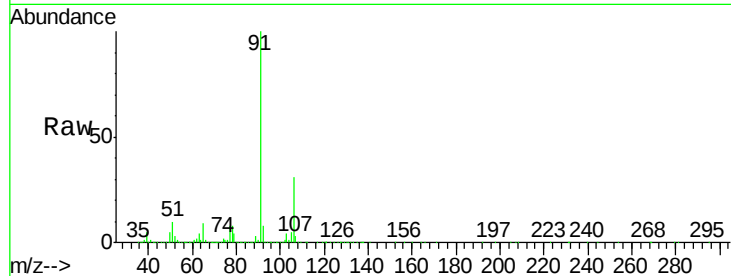
Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 94.467 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018047.D

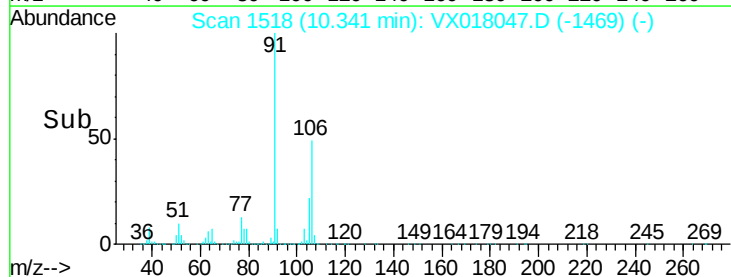
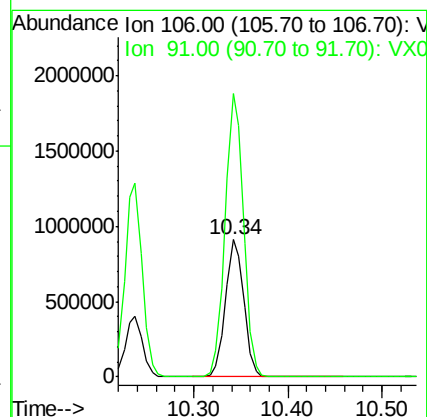
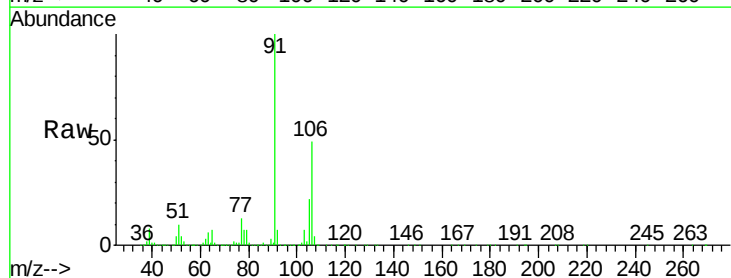
Acq: 20 Aug 2020 21:39

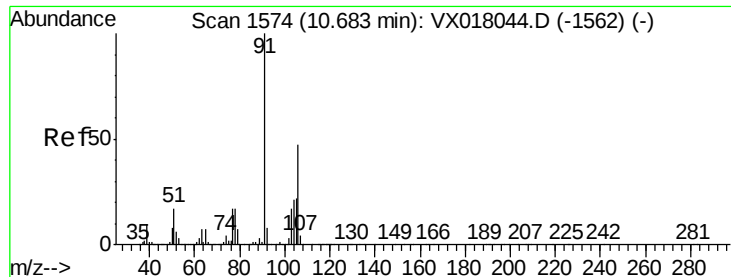
Tgt Ion: 106 Resp: 1229148

Ion Ratio Lower Upper

106 100

91 206.6 162.2 243.2





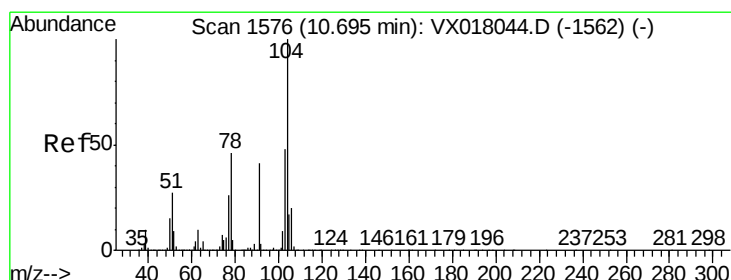
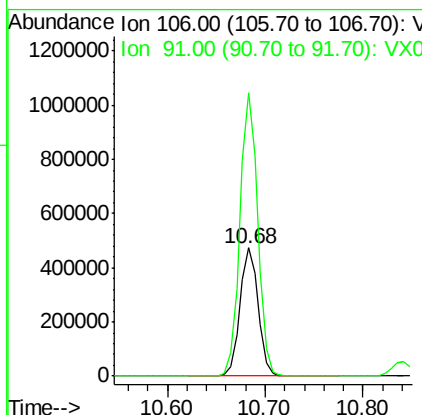
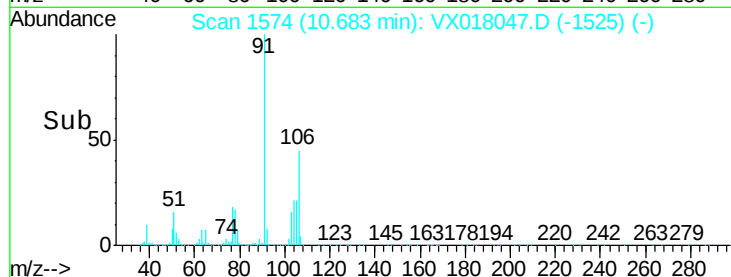
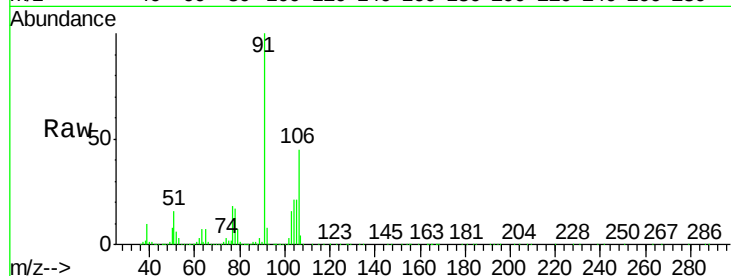
#69
o-Xylene
Concen: 48.201 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.3	107.1	321.3

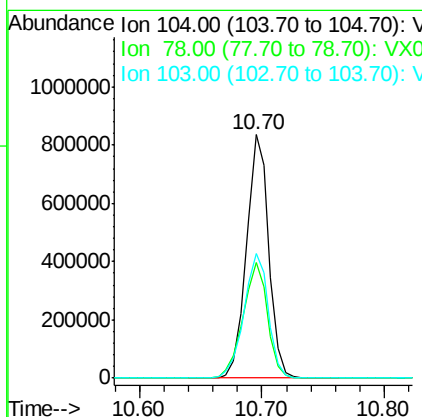
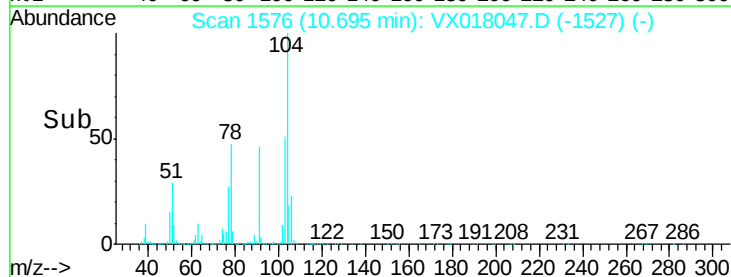
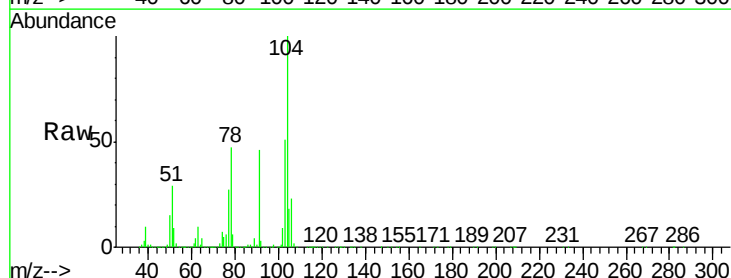
Manual Integrations
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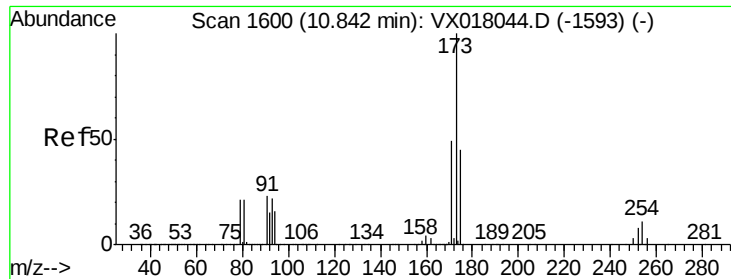
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#70
Styrene
Concen: 49.119 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.0	40.9	61.3
103	56.0	43.6	65.4





#71

Bromoform

Concen: 46.693 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion:173 Resp: 321778

Ion Ratio Lower Upper

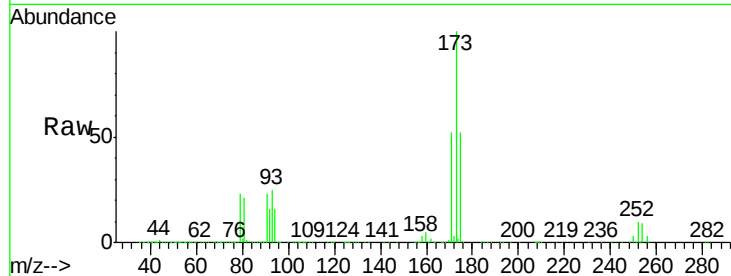
173 100

175 50.3 23.9 71.8

254 0.1 0.2 0.2#

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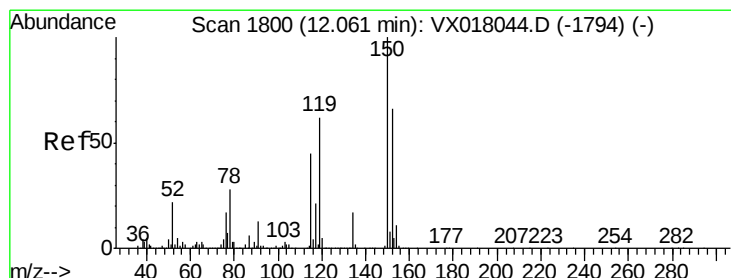
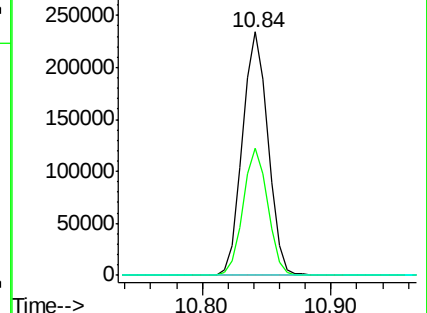
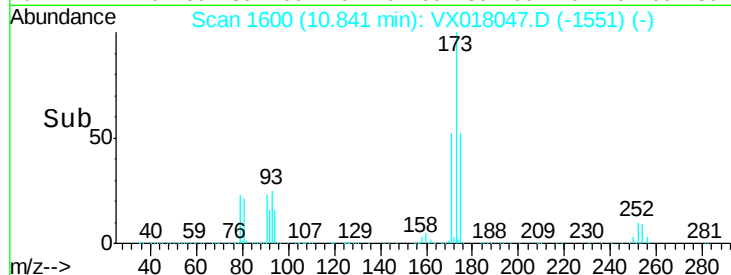
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

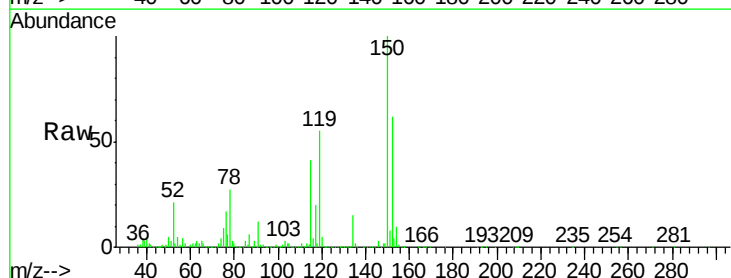
Tgt Ion:152 Resp: 496868

Ion Ratio Lower Upper

152 100

115 80.2 41.5 124.5

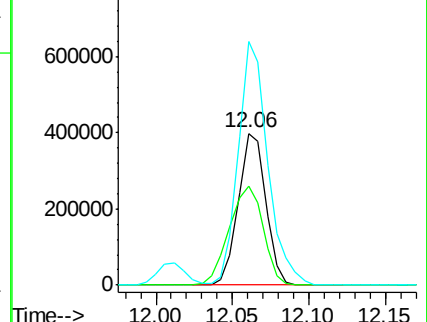
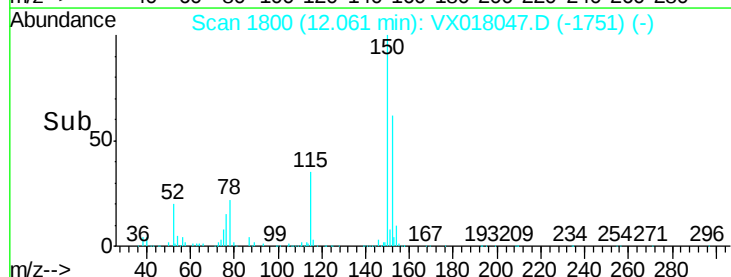
150 171.7 0.0 343.8

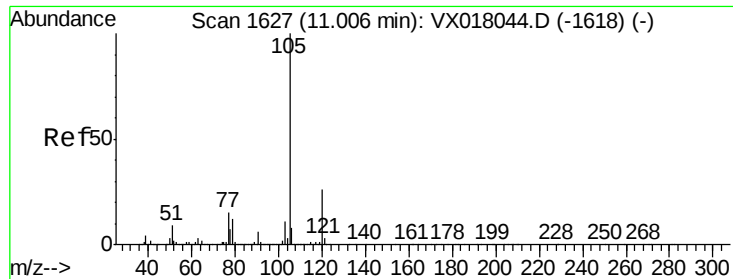


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.397 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 105 Resp: 1651700

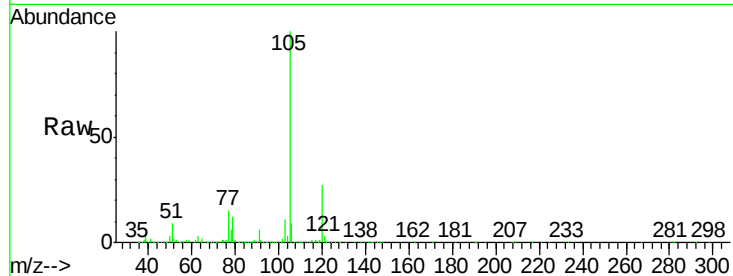
Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

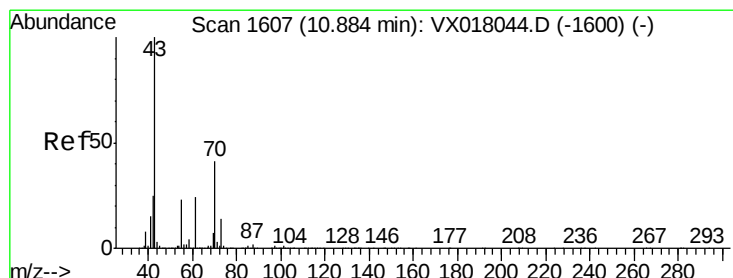
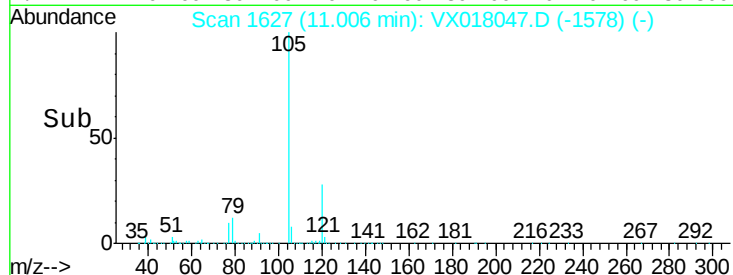
11.01

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 51.427 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion: 43 Resp: 799689

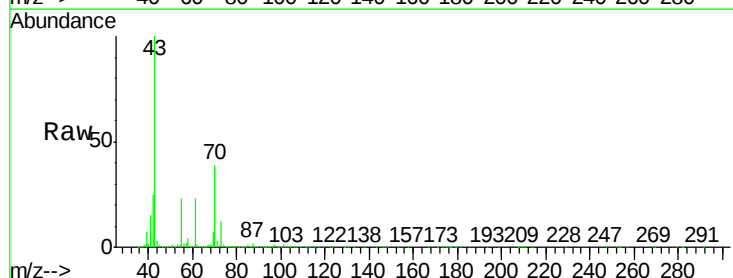
Ion Ratio Lower Upper

43 100

70 40.6 32.3 48.5

55 23.3 18.2 27.2

61 23.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

1000000 Ion 70.00 (69.70 to 70.70): VX0

800000 Ion 55.00 (54.70 to 55.70): VX0

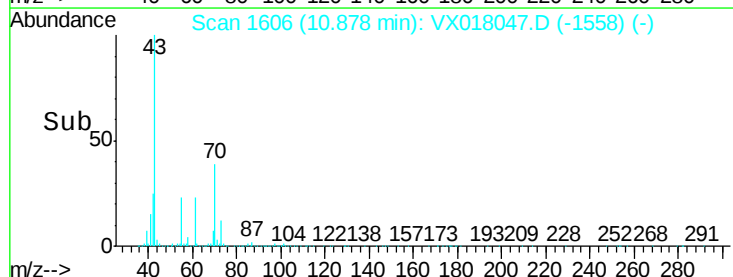
600000 Ion 61.00 (60.70 to 61.70): VX0

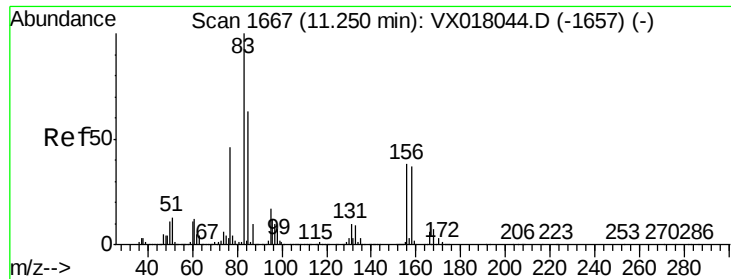
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.657 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

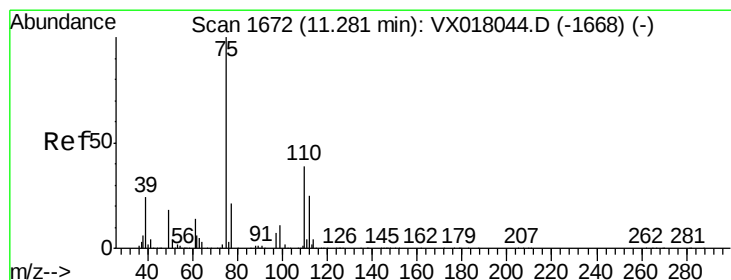
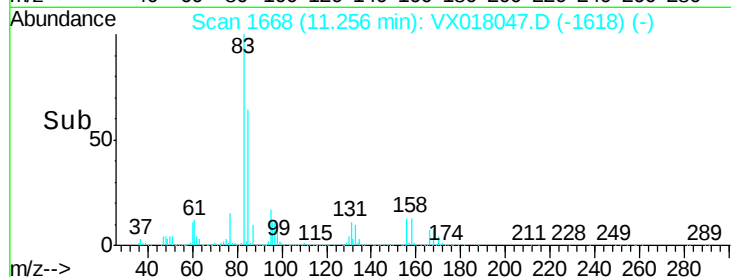
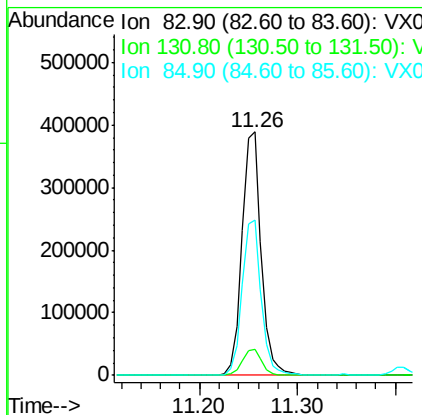
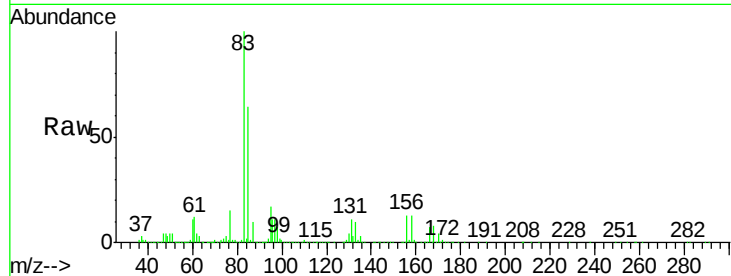
ClientSampleId :

ICVVX082120

Tot Ion:	83	Resp:	527866
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	64.0	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 45.985 ug/l m

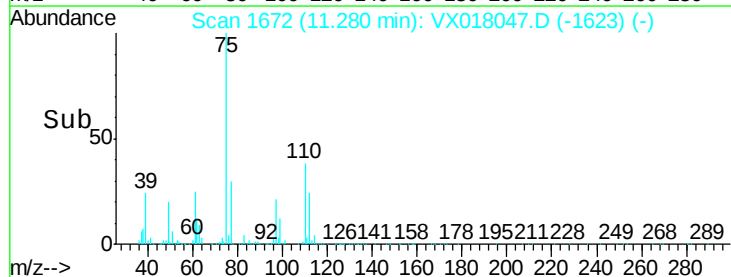
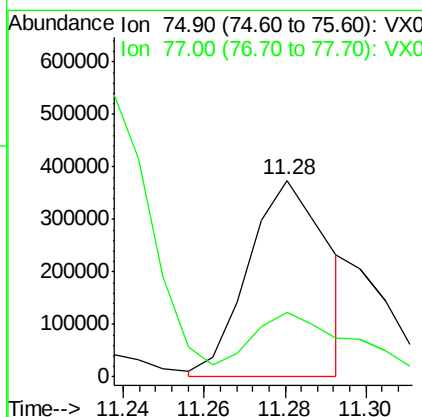
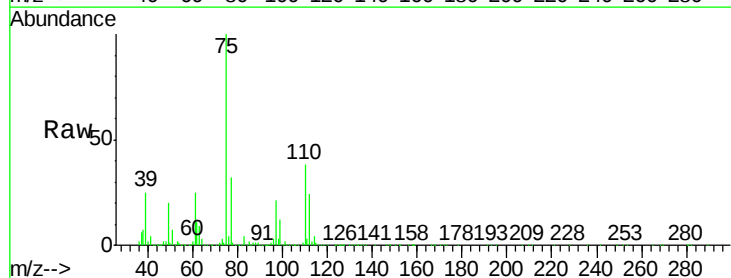
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion:	75	Resp:	508277
Ion Ratio	Lower	Upper	
75	100		
77	42.0	20.8	62.2





#77

Bromobenzene

Concen: 46.838 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

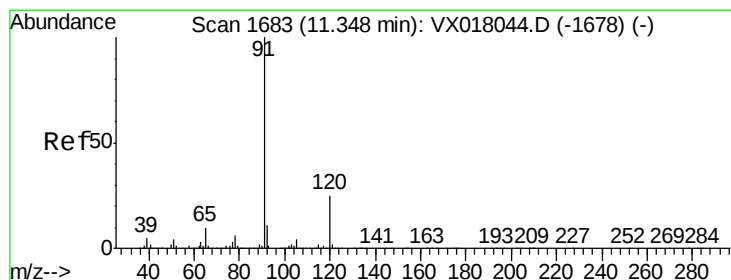
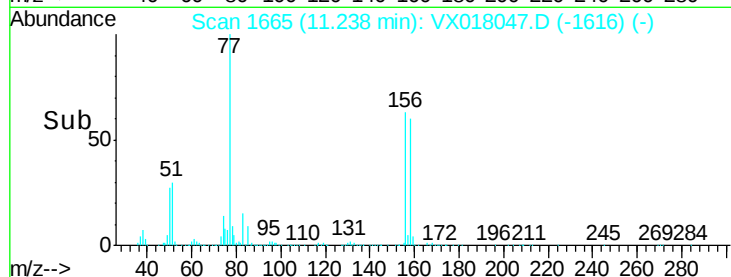
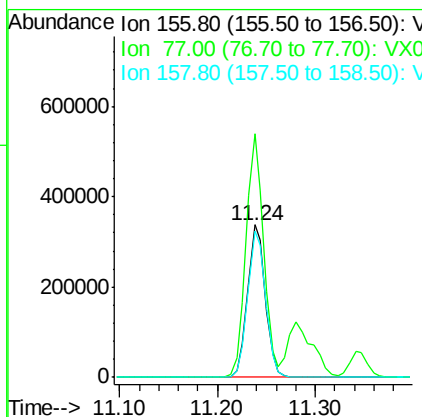
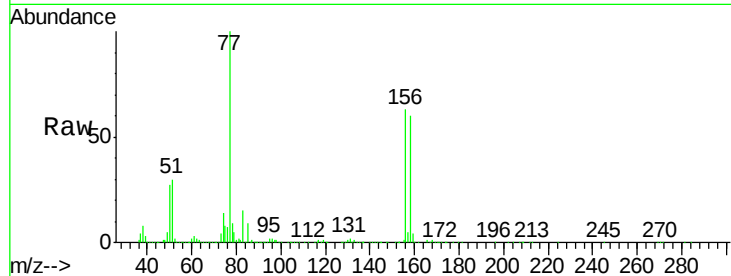
ClientSampleId :

ICVVX082120

Tot Ion:	156	Resp:	424320
Ion Ratio	Lower	Upper	
156	100		
77	158.7	80.0	240.2
158	97.6	49.5	148.7

Manual Integrations
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8/21/2020 11:23:16 AM



#78

n-propylbenzene

Concen: 48.151 ug/l

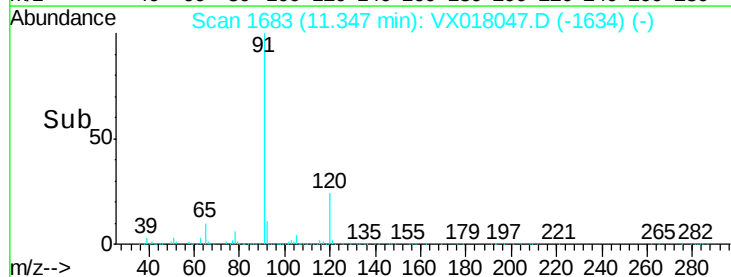
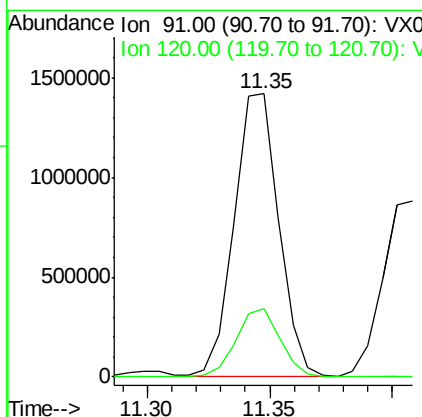
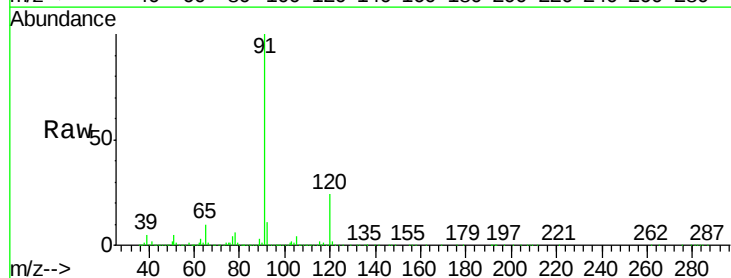
RT: 11.35 min Scan# 1683

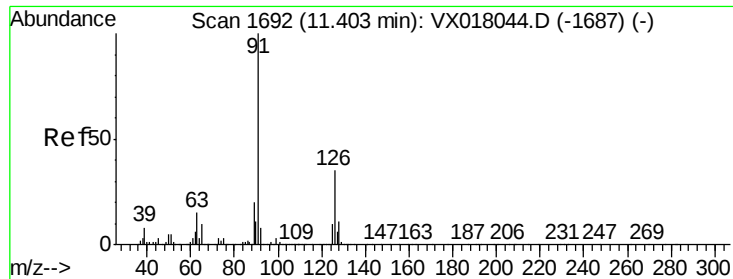
Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion:	91	Resp:	1791846
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





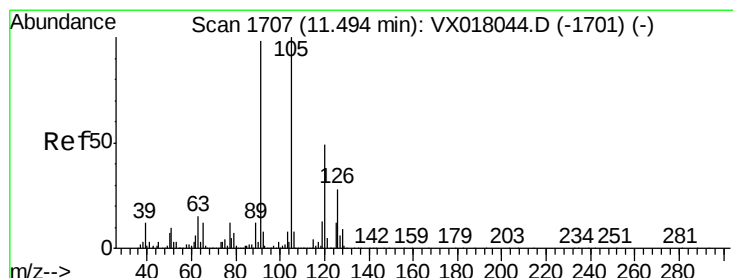
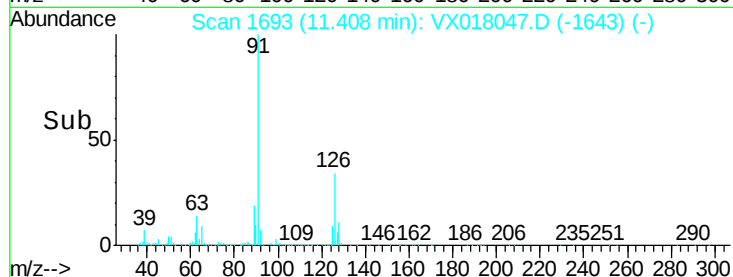
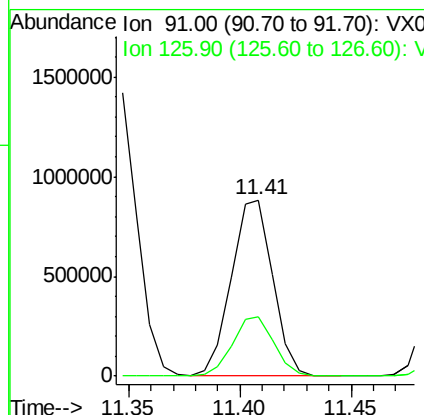
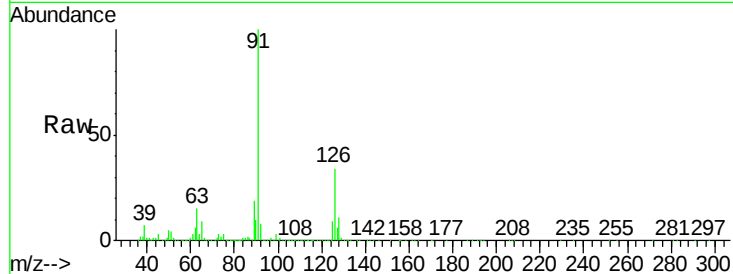
#79
 2-Chlorotoluene
 Concen: 49.614 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX082120

Tot Ion: 91 Resp: 1140677
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.4 52.2

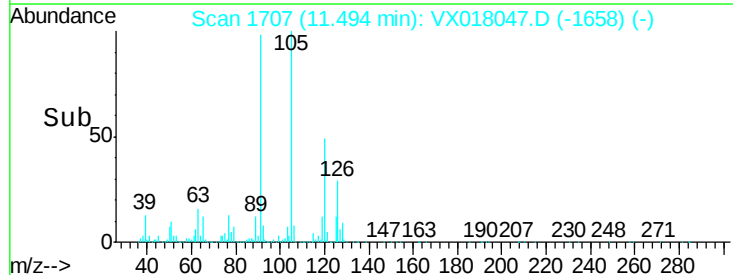
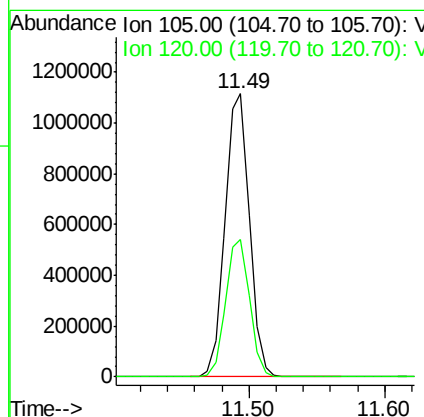
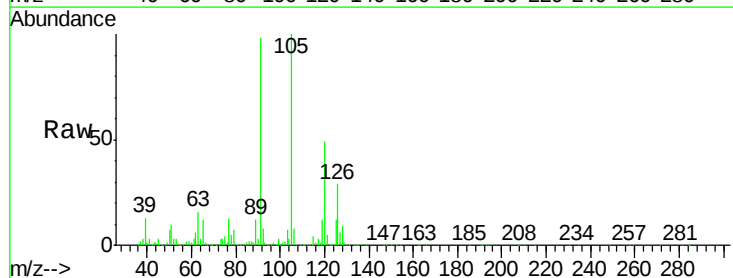
Manual Integrations
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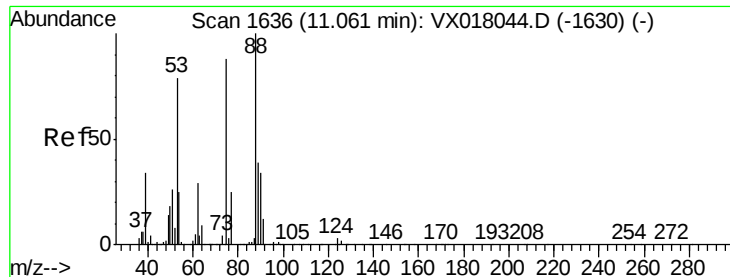
MMDadoda
 8/21/2020 11:23:16 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.114 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion: 105 Resp: 1376597
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2





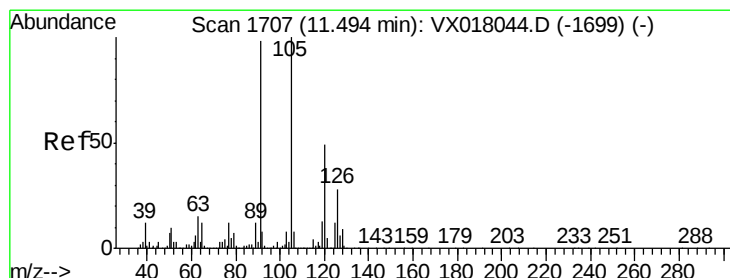
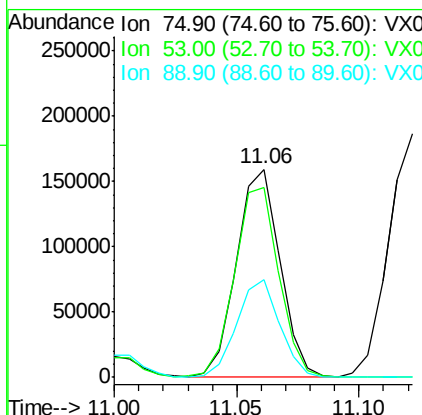
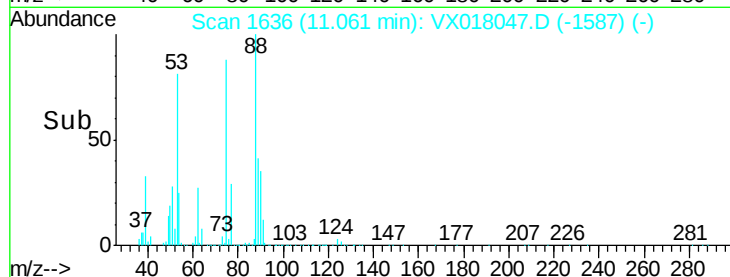
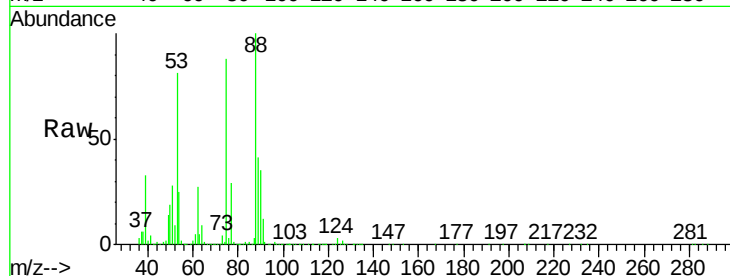
#81
trans-1,4-Dichloro-2-butene
Concen: 47.921 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.5	74.7	112.1
89	46.8	36.6	54.8

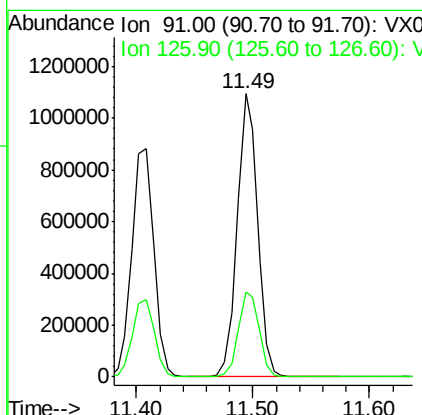
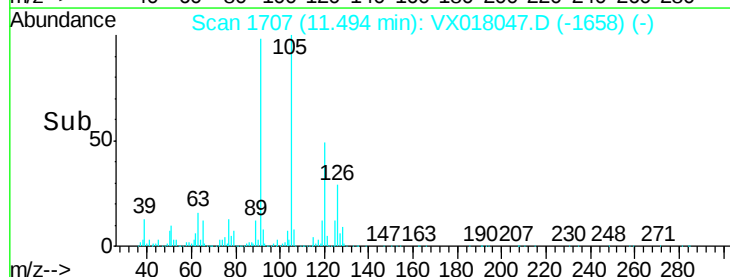
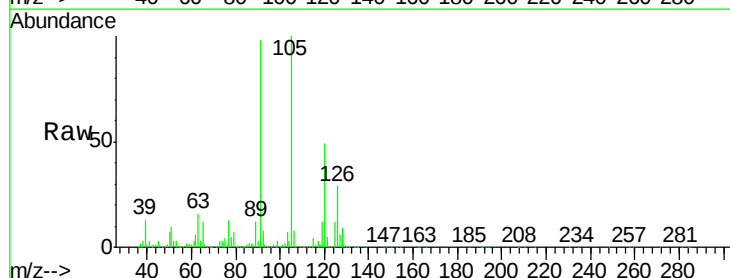
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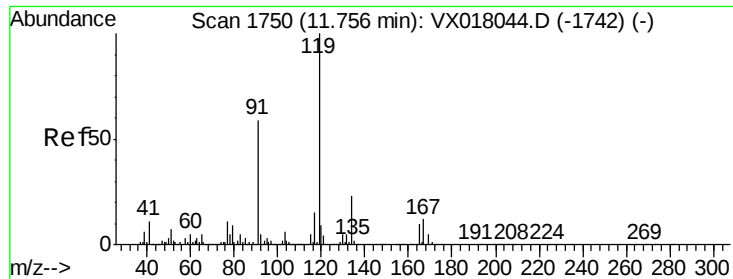
MMDadoda
8/21/2020 11:23:16 AM



#82
4-Chlorotoluene
Concen: 48.782 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.1	45.3





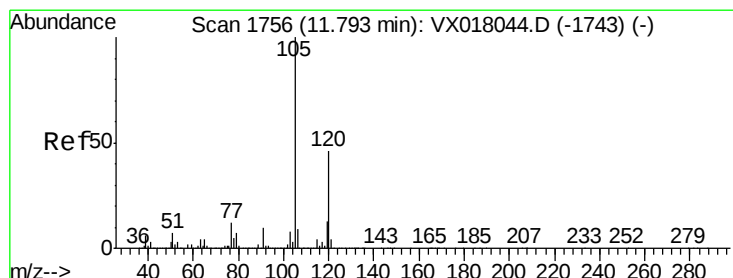
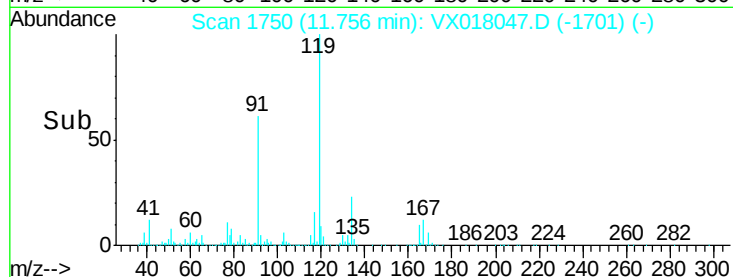
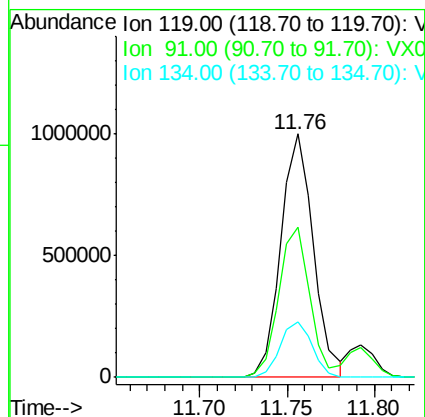
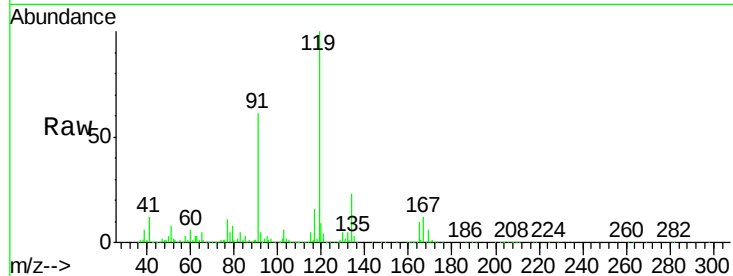
#83
tert-Butylbenzene
Concen: 48.967 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	28.2	84.7
134	22.7	11.3	33.8

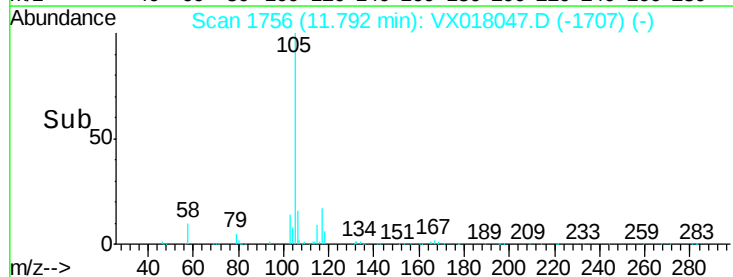
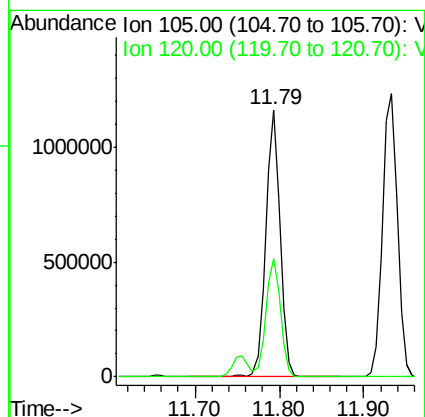
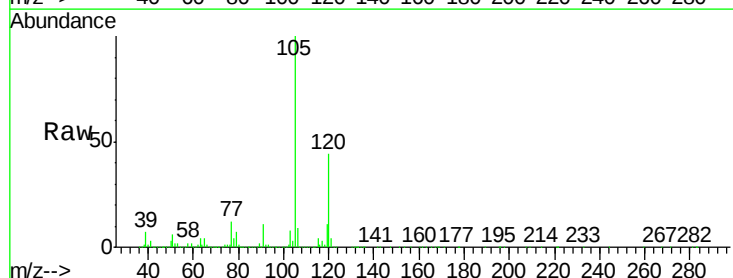
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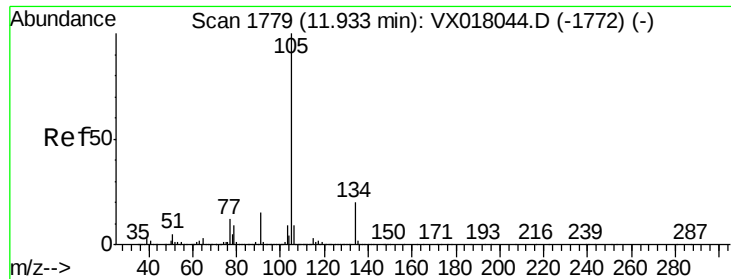
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#84
1,2,4-Trimethylbenzene
Concen: 49.691 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 50.326 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX082120

Tot Ion:105 Resp: 1521086

Ion Ratio Lower Upper

105 100

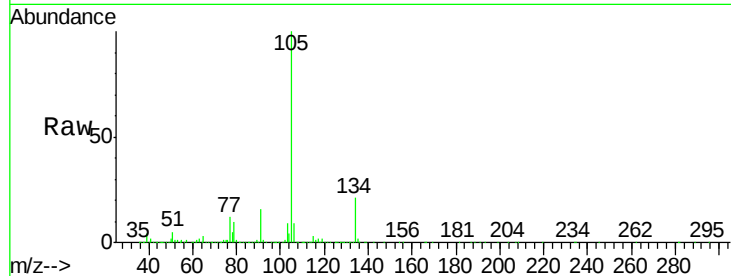
134 20.3 10.1 30.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

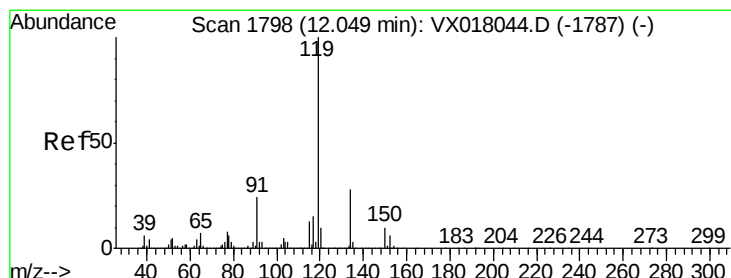
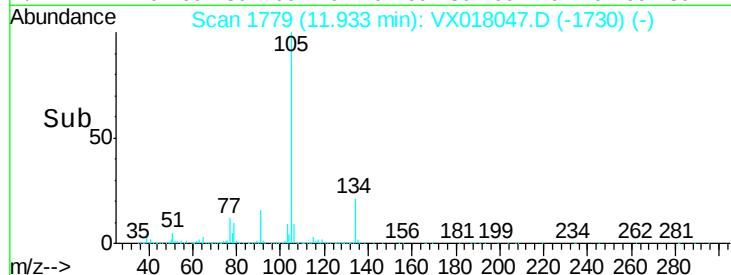
11.93

1000000

500000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 50.542 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

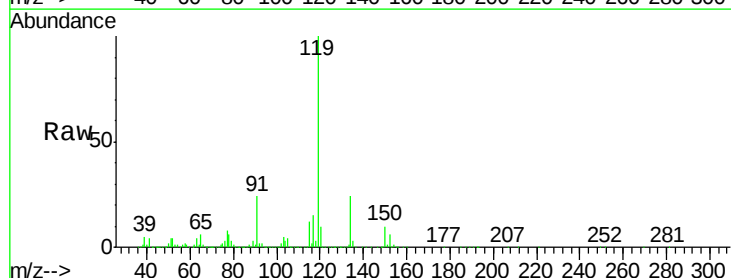
Tgt Ion:119 Resp: 1403219

Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 24.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

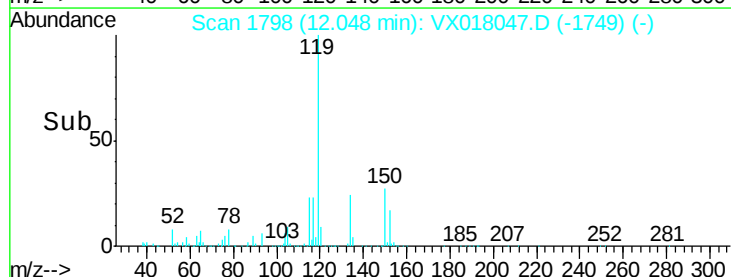
1500000

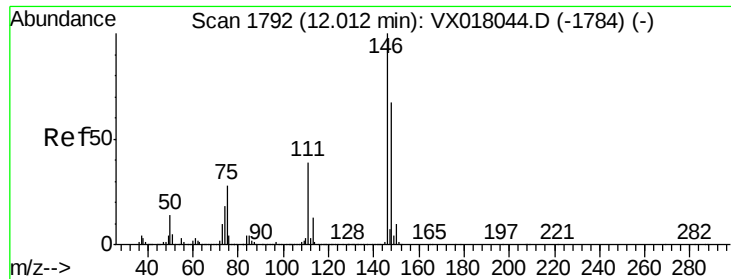
1000000

500000

0

Time--> 12.00 12.10





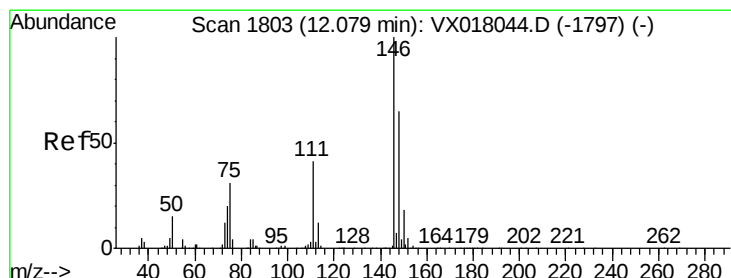
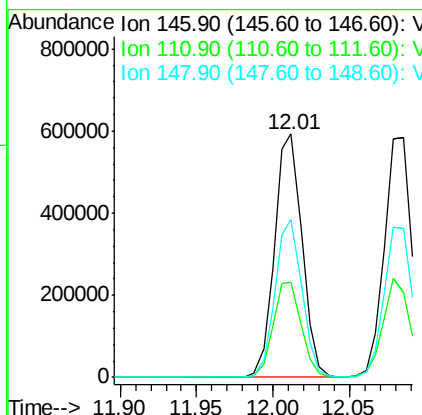
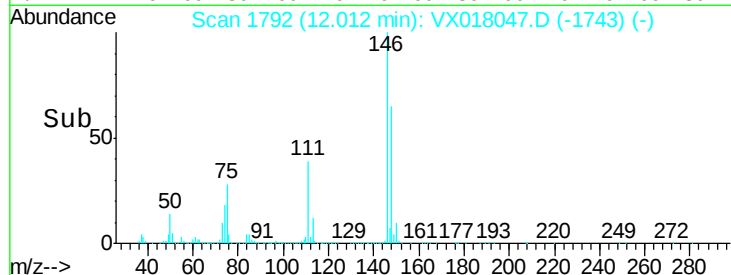
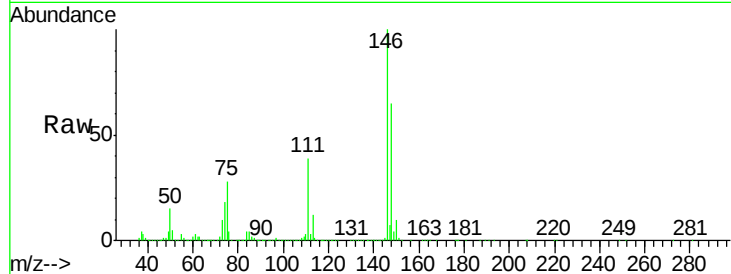
#87
 1,3-Dichlorobenzene
 Concen: 46.530 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	40.1	20.6	61.8
148	63.6	33.1	99.2

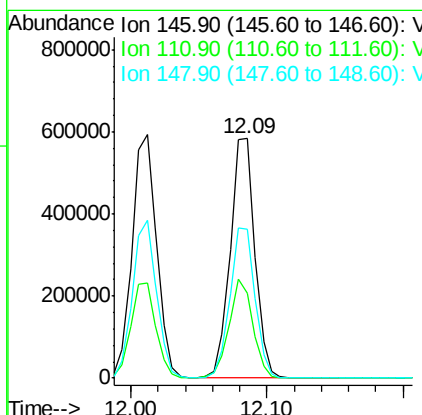
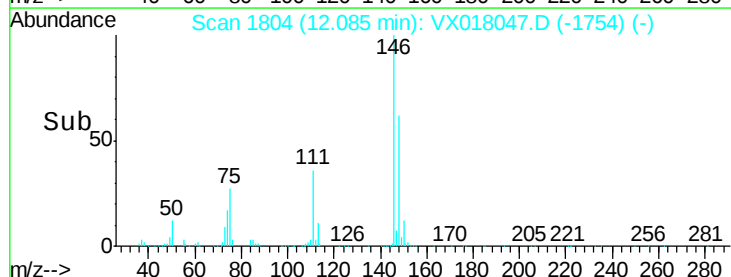
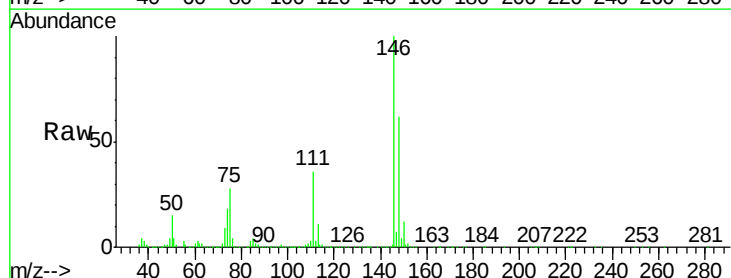
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 46.046 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	39.8	20.3	60.8
148	63.9	33.1	99.2





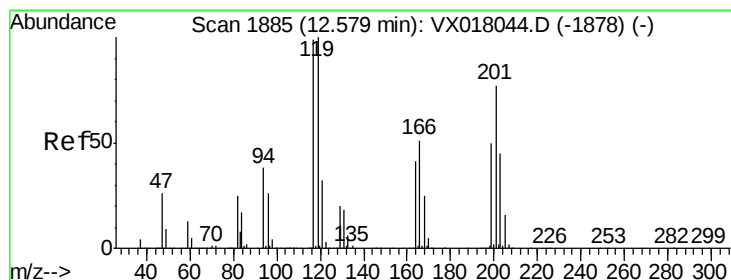
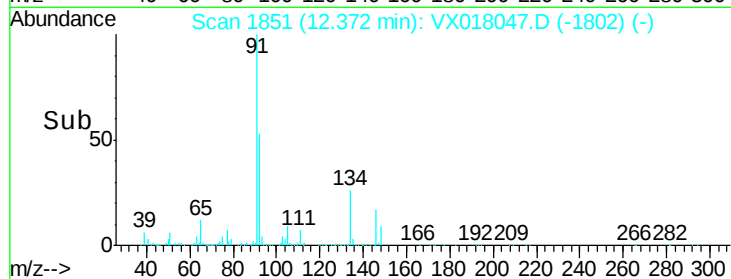
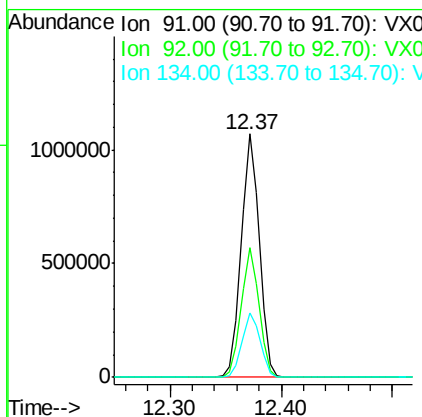
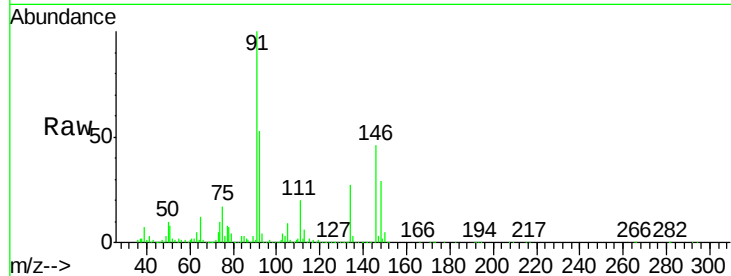
#89
n-Butylbenzene
Concen: 47.658 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	26.7	12.9	38.7

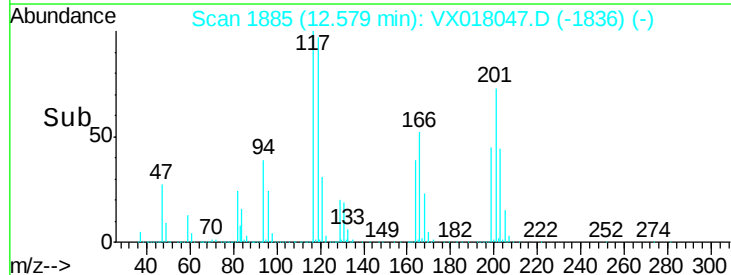
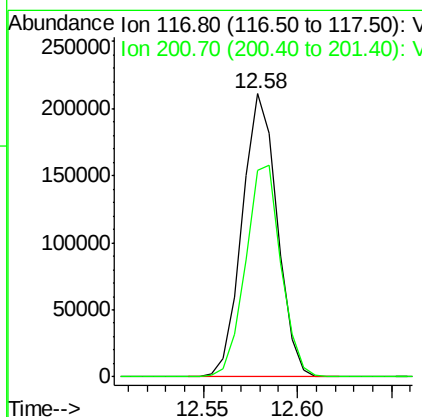
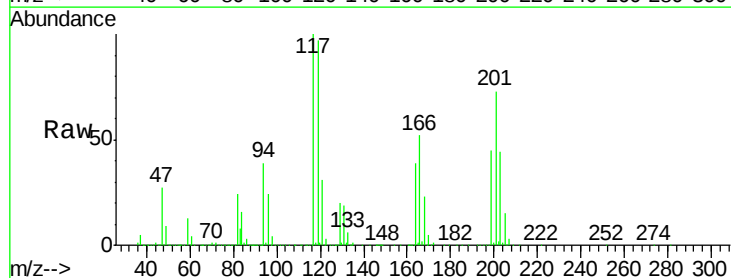
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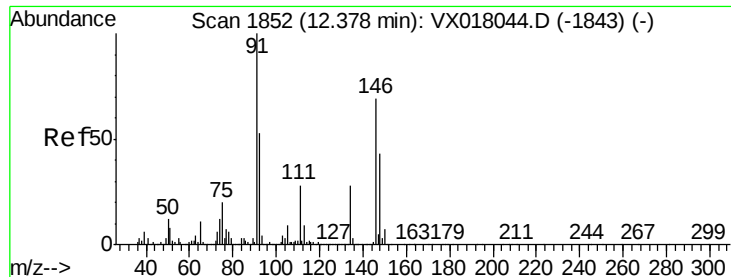
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#90
Hexachloroethane
Concen: 49.738 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.0	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 45.874 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

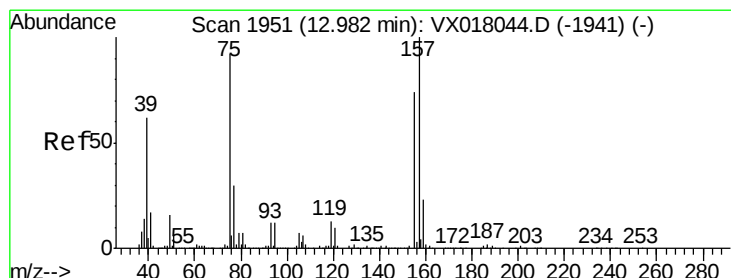
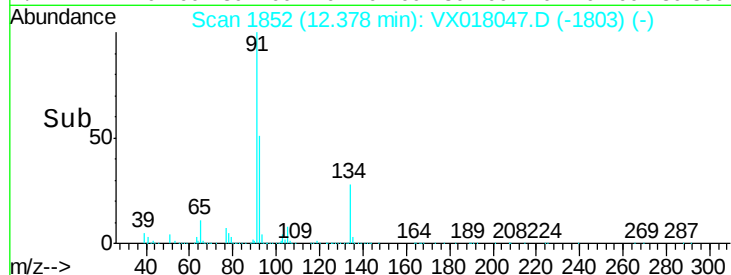
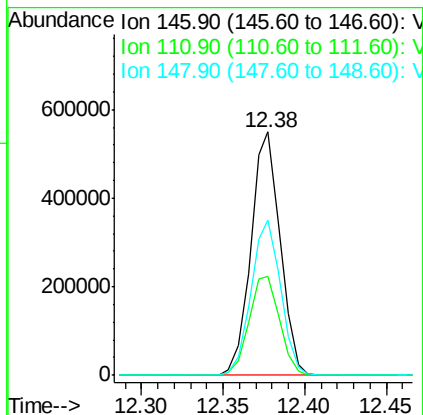
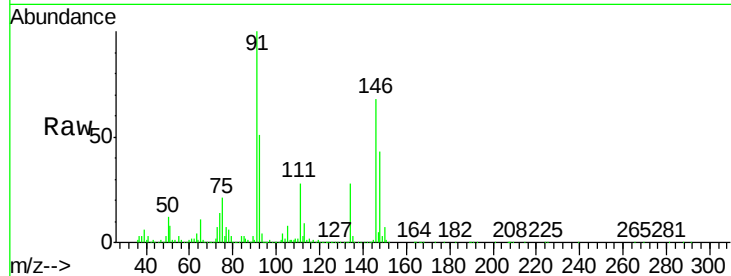
ClientSampleId :

ICVVX082120

Tot Ion:	146	Resp:	686843
Ion Ratio	Lower	Upper	
146	100		
111	42.7	20.8	62.5
148	64.4	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.295 ug/l

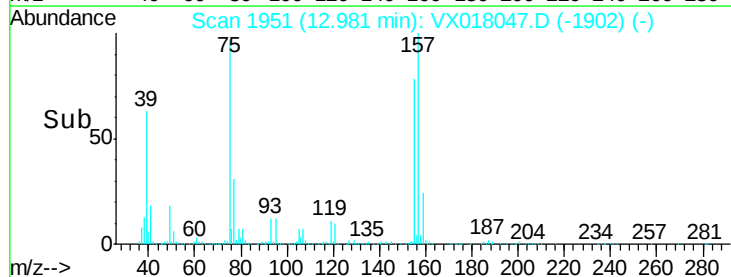
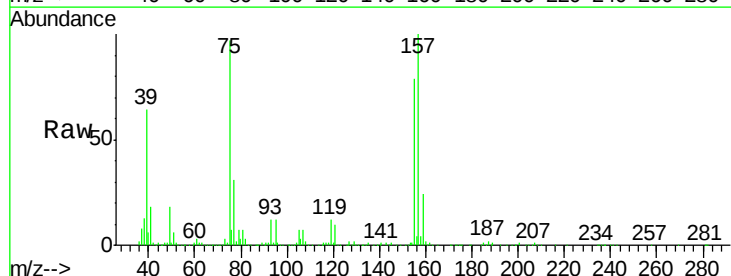
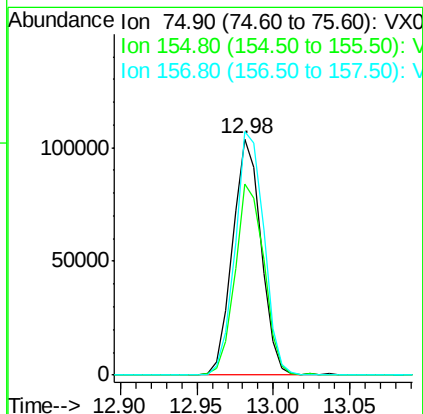
RT: 12.98 min Scan# 1951

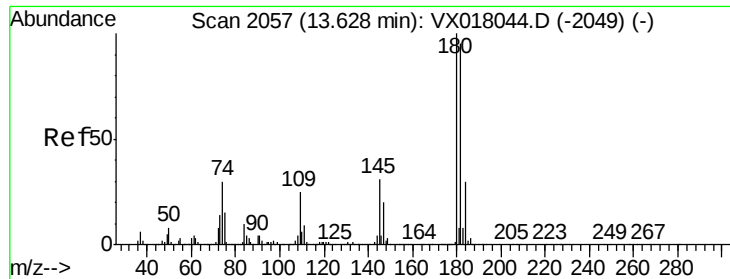
Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion:	75	Resp:	133831
Ion Ratio	Lower	Upper	
75	100		
155	82.3	40.2	120.6
157	104.3	55.0	165.2





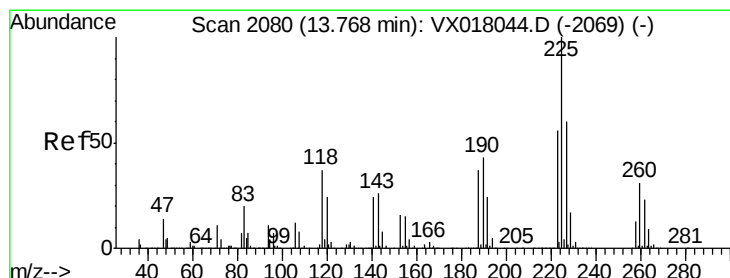
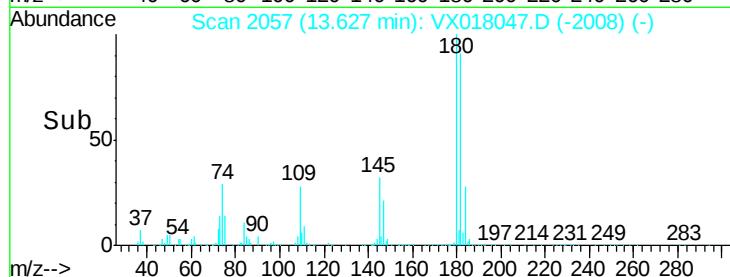
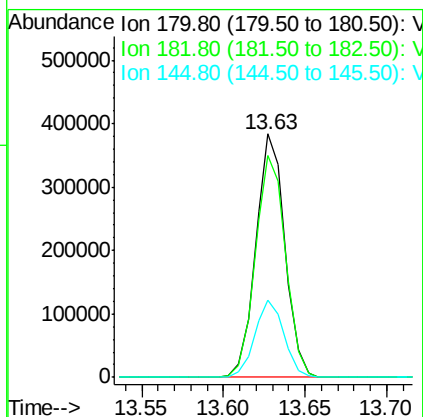
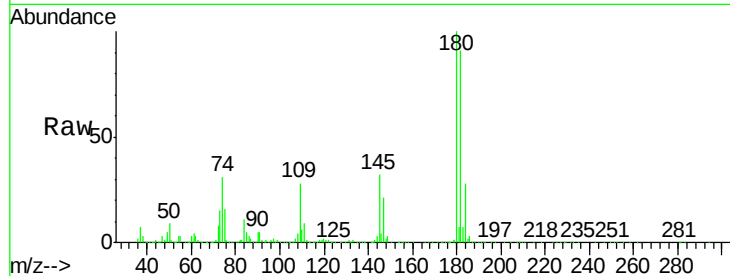
#93
 1,2,4-Trichlorobenzene
 Concen: 47.316 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Tot Ion	Ratio	Resp	Lower	Upper
180	100	472402		
182	94.7	47.5	142.6	
145	31.8	15.7	47.1	

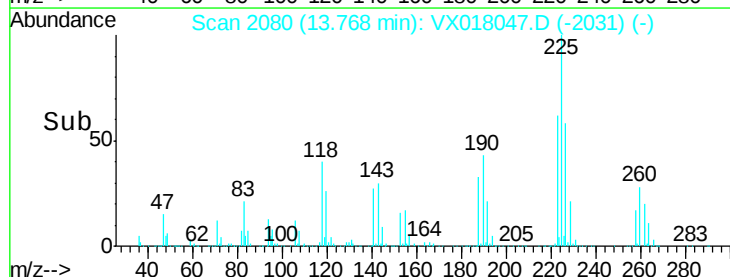
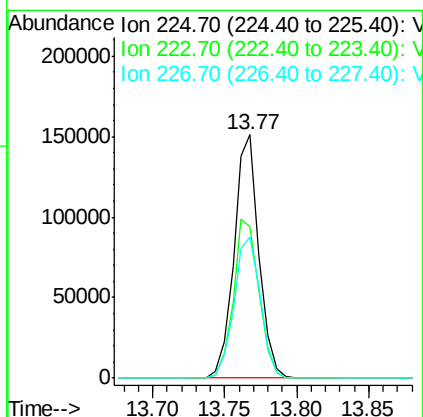
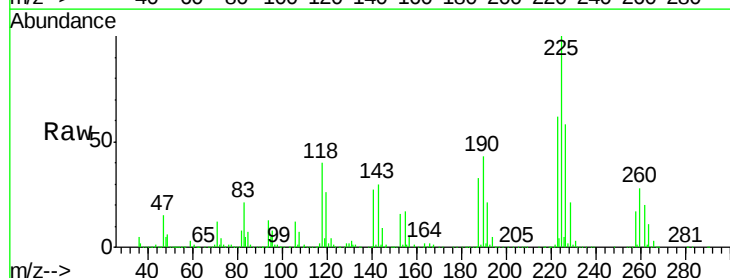
Manual Integrations
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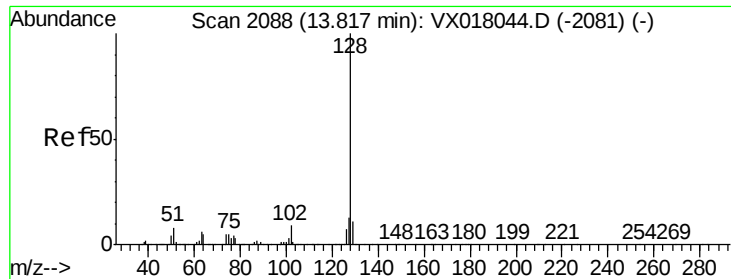
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#94
 Hexachlorobutadiene
 Concen: 46.054 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	181363		
223	67.3	30.7	92.1	
227	62.0	32.6	97.8	





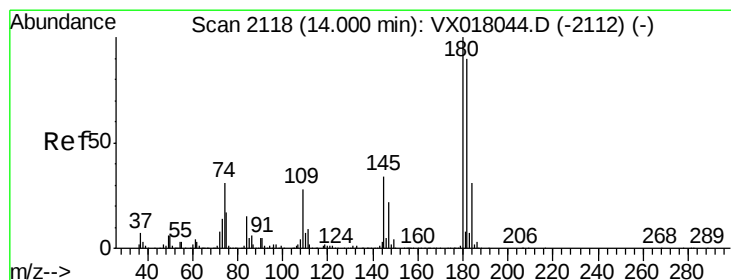
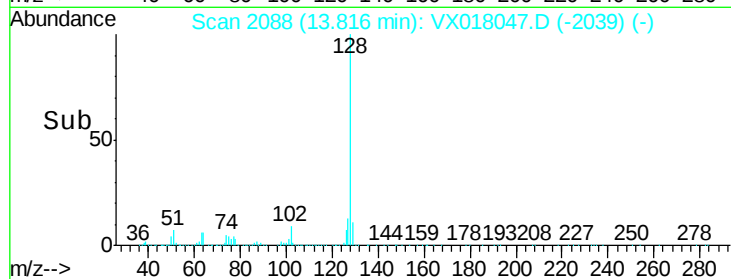
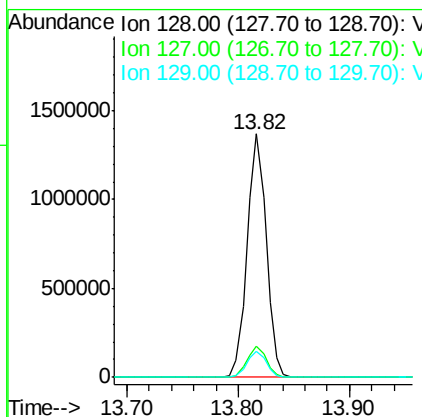
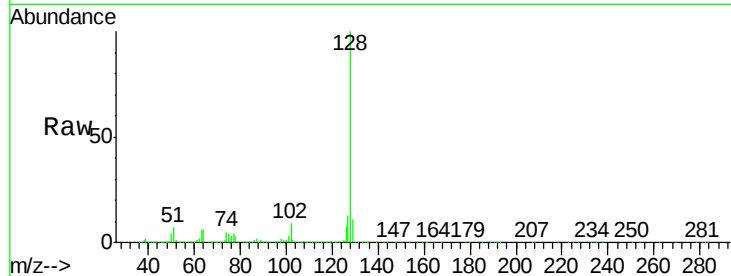
#95
Naphthalene
Concen: 49.681 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/21/2020 11:23:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.548 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	142.0
145	33.7	17.5	52.6

