

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016752.D
 Acq On : 15 Jun 2020 14:05
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX061520

Manual Integrations
 APPROVED

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 6/16/2020 3:23:17 PM

Quant Time: Jun 16 03:29:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	149479	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.46	113	123982	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.70	98	476069	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.12	95	180438	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	153389	51.304	ug/l	99
3) Chloromethane	1.31	50	143018	49.510	ug/l	99
4) Vinyl Chloride	1.39	62	159417	51.720	ug/l	100
5) Bromomethane	1.62	94	91618	47.861	ug/l	99
6) Chloroethane	1.71	64	94307	49.670	ug/l	98
7) Trichlorofluoromethane	1.92	101	228334	51.434	ug/l	96
8) Diethyl Ether	2.17	74	84828	46.793	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123944	54.877	ug/l	97
10) Methyl Iodide	2.49	142	132164	46.817	ug/l	99
11) Tert butyl alcohol	3.01	59	177136	236.890	ug/l	100
12) 1,1-Dichloroethene	2.36	96	129113	49.920	ug/l	97
13) Acrolein	2.27	56	80303	252.197	ug/l	97
14) Allyl chloride	2.71	41	198266	49.014	ug/l	99
15) Acrylonitrile	3.11	53	365543	240.913	ug/l	100
16) Acetone	2.42	43	312677	231.586	ug/l	99
17) Carbon Disulfide	2.55	76	354301	47.831	ug/l	100
18) Methyl Acetate	2.75	43	177438	49.236	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	428660	48.628	ug/l	99
20) Methylene Chloride	2.83	84	136368	46.891	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	133359	47.982	ug/l	99
22) Diisopropyl ether	3.82	45	371131	48.845	ug/l	97
23) Vinyl Acetate	3.78	43	1610020	245.157	ug/l	100
24) 1,1-Dichloroethane	3.67	63	226813	47.727	ug/l	99
25) 2-Butanone	4.64	43	486693	239.182	ug/l	99
26) 2,2-Dichloropropane	4.55	77	218281	49.605	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	149067	46.925	ug/l	100
28) Bromochloromethane	4.98	49	94634	46.681	ug/l	98
29) Tetrahydrofuran	5.09	42	318594	241.692	ug/l	99
30) Chloroform	5.18	83	239179	47.572	ug/l	97
31) Cyclohexane	5.55	56	194846	50.904	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	226804	49.714	ug/l	100
36) 1,1-Dichloropropene	5.77	75	181283	51.730	ug/l	99
37) Ethyl Acetate	4.79	43	187543	48.868	ug/l	99
38) Carbon Tetrachloride	5.76	117	203857	51.221	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	208456	51.272	ug/l	98
40) Benzene	6.12	78	530003	49.673	ug/l	98
41) Methacrylonitrile	5.00	41	101514	49.609	ug/l	97
42) 1,2-Dichloroethane	6.17	62	189574	48.680	ug/l	99
43) Isopropyl Acetate	6.41	43	295933	49.201	ug/l	99
44) Trichloroethene	7.19	130	164007	49.693	ug/l	97
45) 1,2-Dichloropropane	7.49	63	130270	49.806	ug/l	99
46) Dibromomethane	7.64	93	92748	48.653	ug/l	99
47) Bromodichloromethane	7.88	83	195370	49.158	ug/l	99
48) Methyl methacrylate	7.74	41	144977	50.855	ug/l	99
49) 1,4-Dioxane	7.71	88	70845	1004.195	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	943016	254.431	ug/l	100
52) Toluene	8.77	92	349257	50.393	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226811	50.527	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	237122	50.642	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	141023	50.597	ug/l	95
56) Ethyl methacrylate	9.16	69	218346	52.323	ug/l	100
57) 1,3-Dichloropropane	9.35	76	231548	49.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	545523	265.868	ug/l	100
59) 2-Hexanone	9.48	43	732179	255.900	ug/l	99
60) Dibromochloromethane	9.57	129	167178	50.751	ug/l	99
61) 1,2-Dibromoethane	9.65	107	153408	50.503	ug/l	99
64) Tetrachloroethene	9.32	164	177082	49.702	ug/l	98
65) Chlorobenzene	10.12	112	379480	50.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	149677	49.836	ug/l	98
67) Ethyl Benzene	10.24	91	659385	51.809	ug/l	100
68) m/p-Xylenes	10.34	106	507431	105.154	ug/l	99
69) o-Xylene	10.68	106	239930	51.610	ug/l	97
70) Styrene	10.70	104	422270	52.543	ug/l	99
71) Bromoform	10.84	173	127782	49.866	ug/l #	99
73) Isopropylbenzene	11.00	105	653893	52.700	ug/l	100
74) N-amyl acetate	10.88	43	253945	52.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	179930	49.297	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	190950m	48.018	ug/l	
77) Bromobenzene	11.24	156	170491	48.664	ug/l	100
78) n-propylbenzene	11.34	91	712513	52.877	ug/l	100
79) 2-Chlorotoluene	11.40	91	430513	50.525	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	545957	52.489	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	79290	50.195	ug/l	98
82) 4-Chlorotoluene	11.49	91	510919	51.226	ug/l	99
83) tert-Butylbenzene	11.76	119	498797	52.409	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	549808	52.253	ug/l	99
85) sec-Butylbenzene	11.93	105	596064	53.542	ug/l	100
86) p-Isopropyltoluene	12.05	119	571171	53.472	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	296412	50.045	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	293125	47.723	ug/l	99
89) n-Butylbenzene	12.37	91	475265	53.897	ug/l	99
90) Hexachloroethane	12.58	117	98678	50.096	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	290978	49.126	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50924	49.892	ug/l	97

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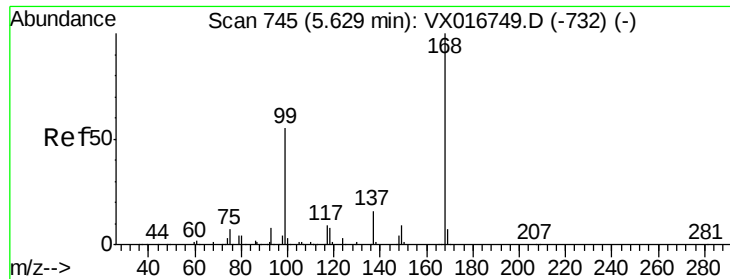
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	206780	49.852	ug/l	99
94) Hexachlorobutadiene	13.77	225	94350	51.677	ug/l	98
95) Naphthalene	13.82	128	672651	51.764	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	202764	49.665	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion:168 Resp: 264623

Ion Ratio Lower Upper

168 100

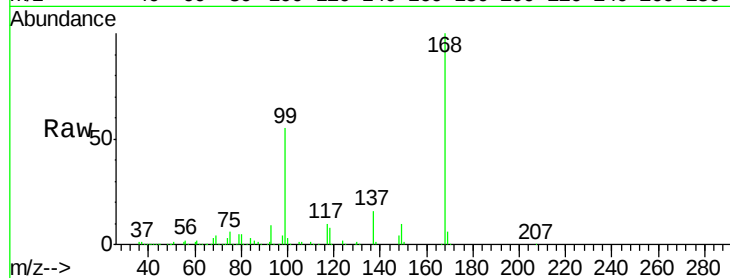
99 54.4 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

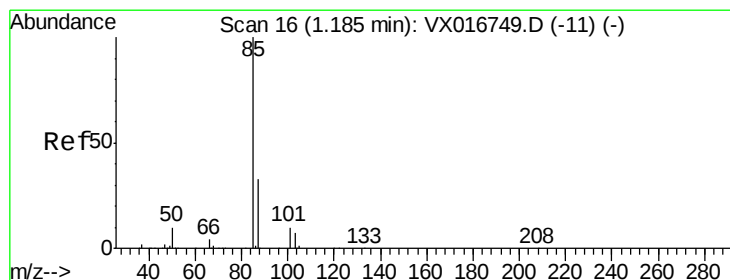
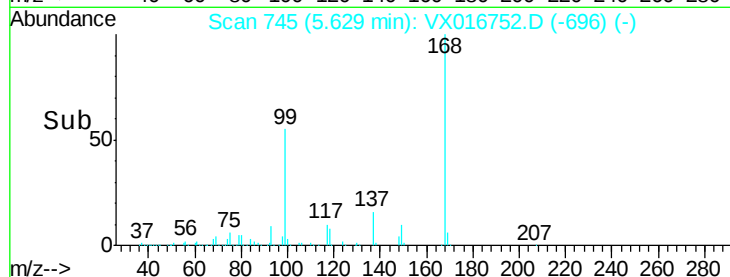
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.304 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016752.D

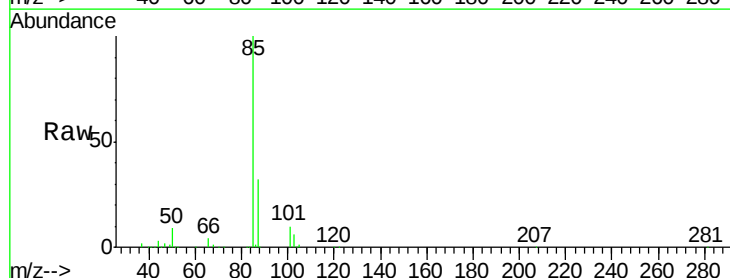
Acq: 15 Jun 2020 14:05

Tgt Ion: 85 Resp: 153389

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

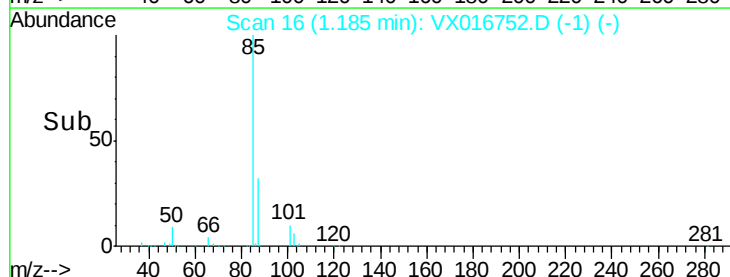
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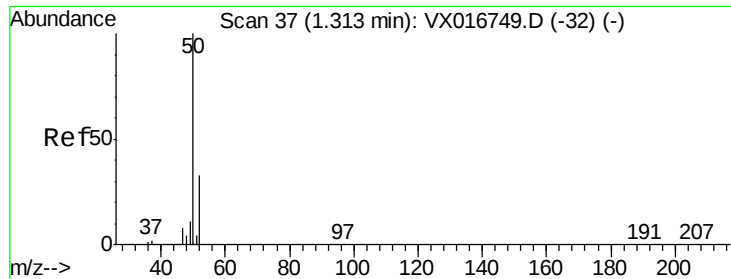
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.510 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 50 Resp: 143018

Ion Ratio Lower Upper

50 100

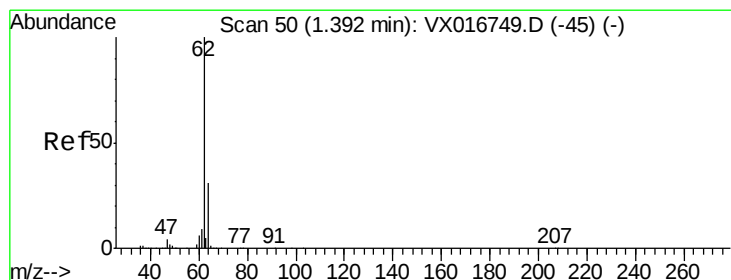
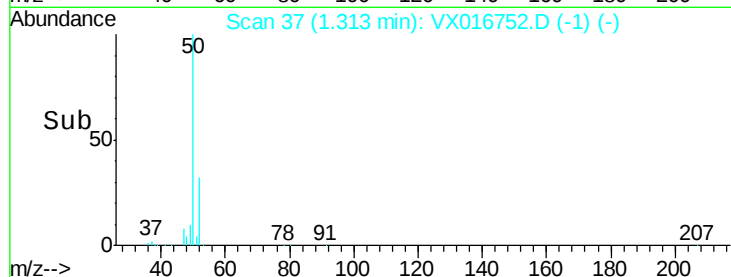
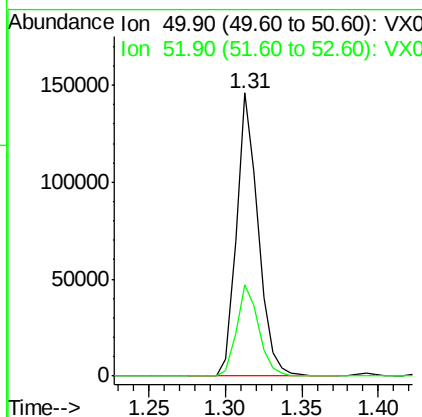
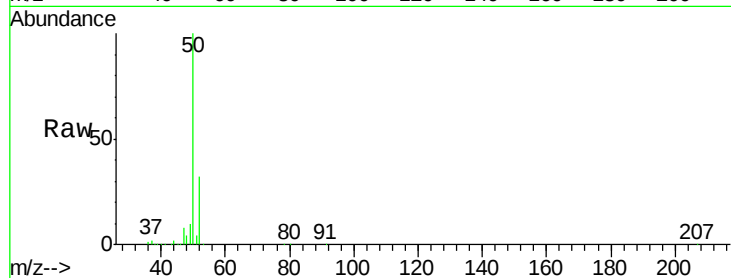
52 32.3 26.5 39.7

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#4

Vinyl Chloride

Concen: 51.720 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016752.D

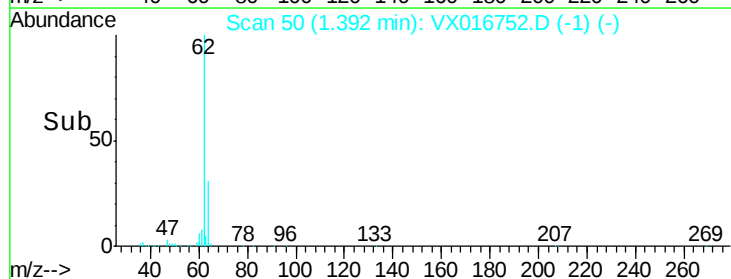
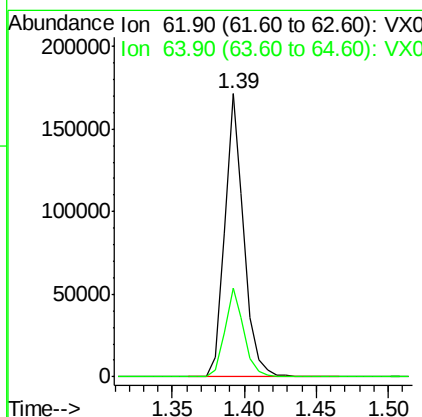
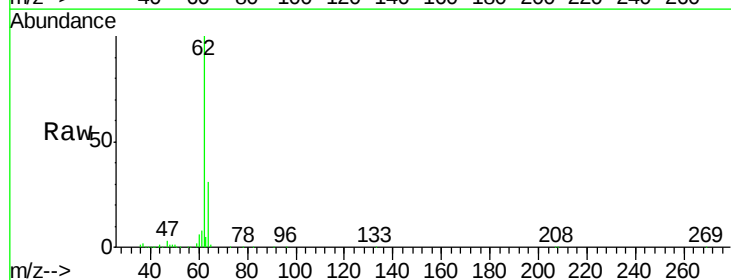
Acq: 15 Jun 2020 14:05

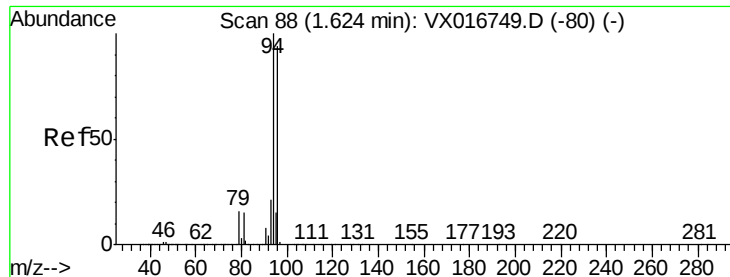
Tgt Ion: 62 Resp: 159417

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 47.861 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 94 Resp: 91618

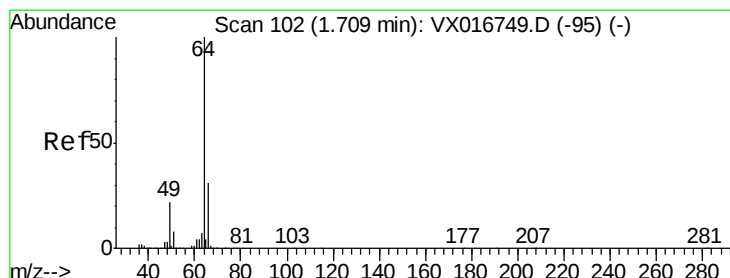
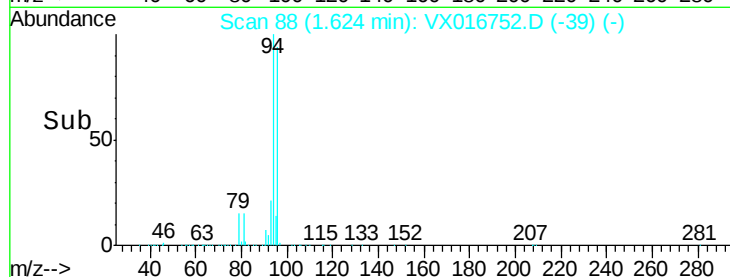
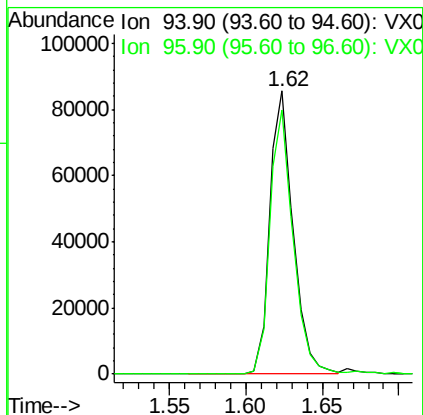
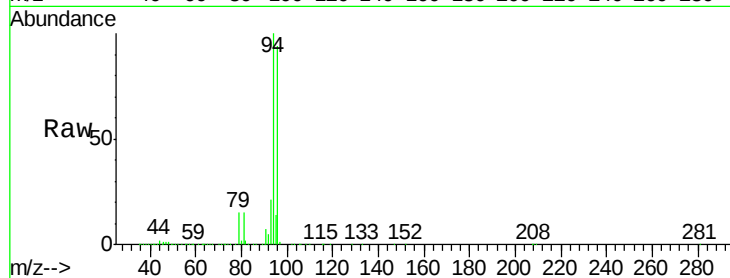
Ion Ratio Lower Upper

94 100

96 93.5 75.4 113.0

Manual Integrations
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#6

Chloroethane

Concen: 49.670 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016752.D

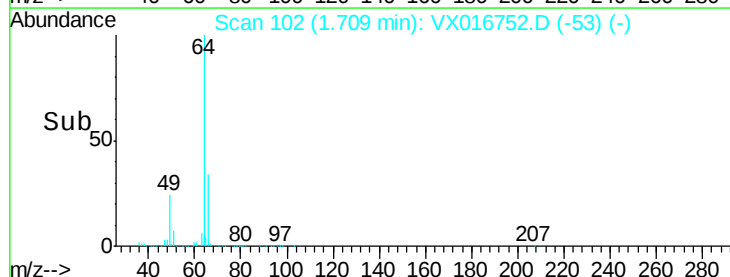
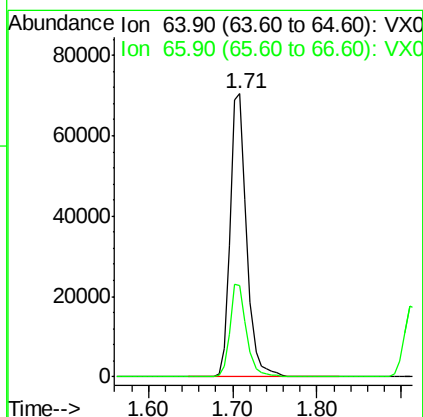
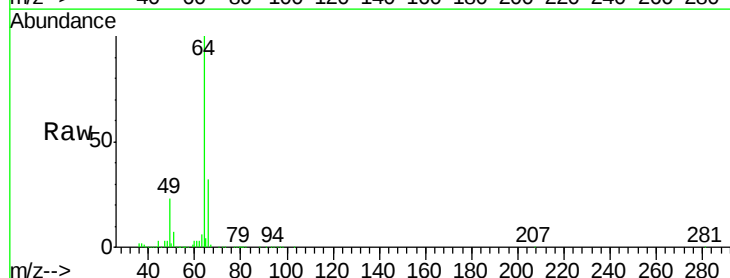
Acq: 15 Jun 2020 14:05

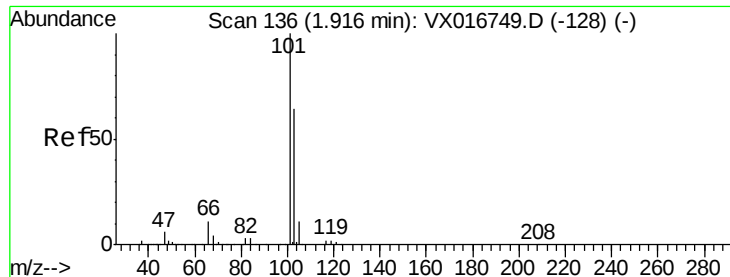
Tgt Ion: 64 Resp: 94307

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.6





#7

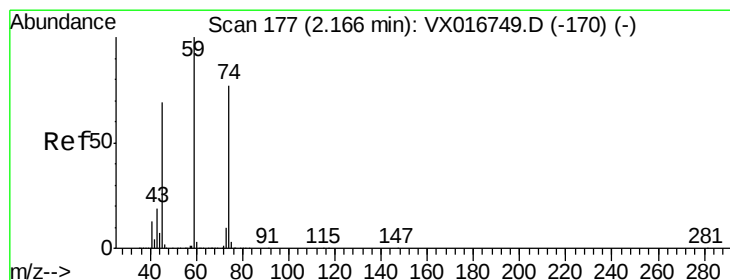
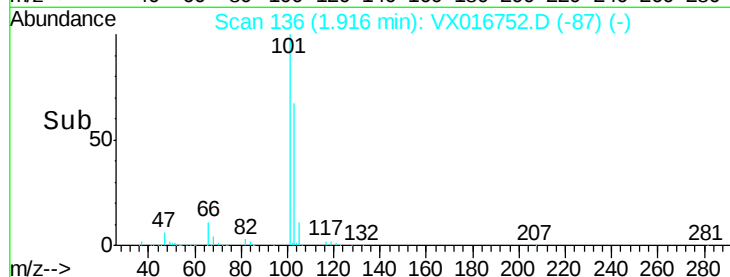
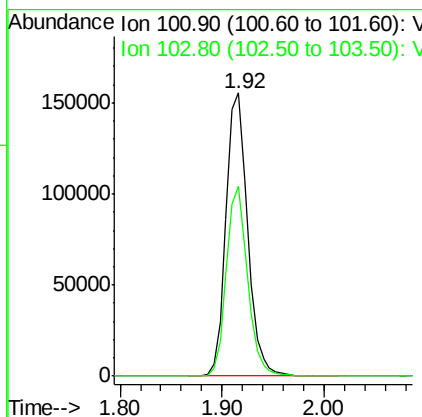
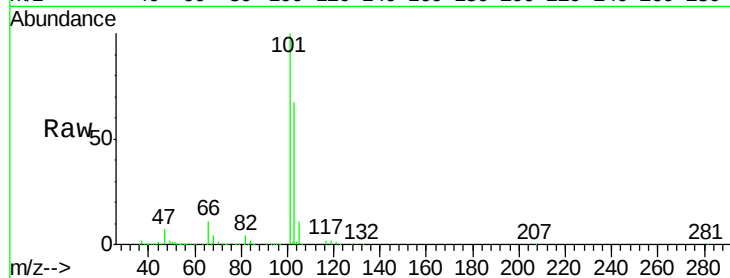
Trichlorofluoromethane
Concen: 51.434 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

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ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.3	76.9

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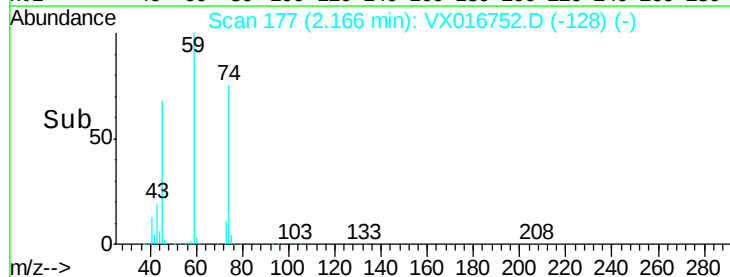
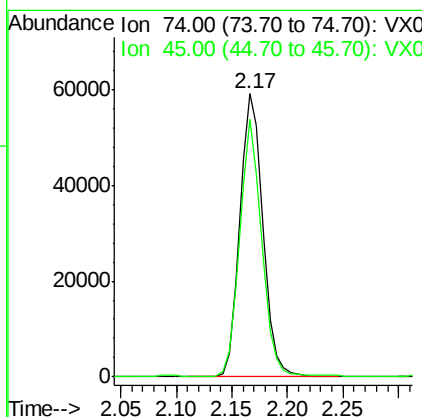
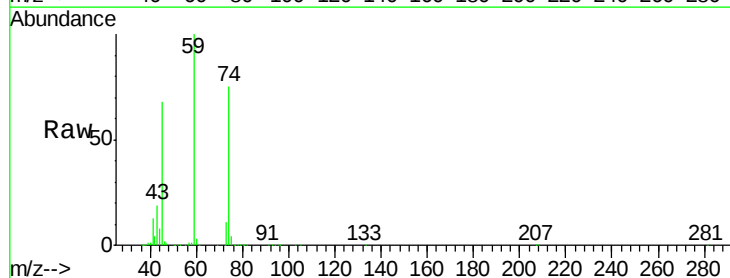
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6/16/2020 3:23:17 PM

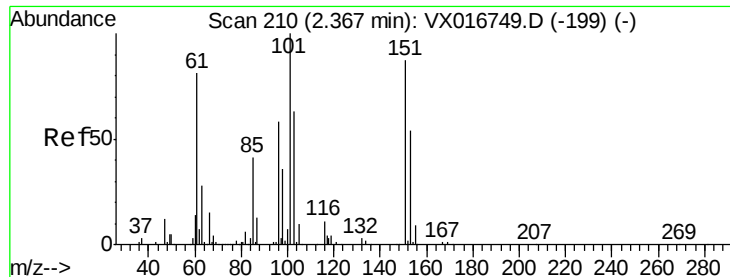


#8

Diethyl Ether
Concen: 46.793 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.1	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.877 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

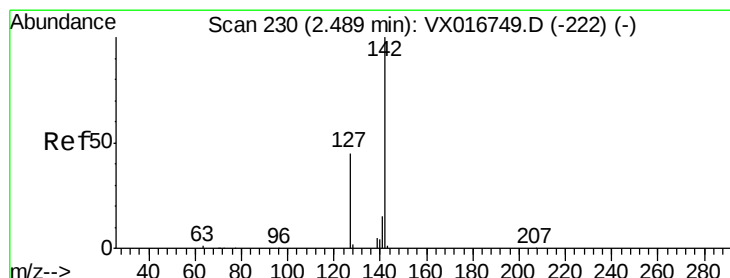
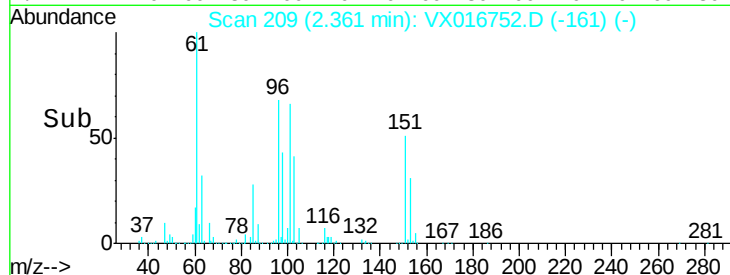
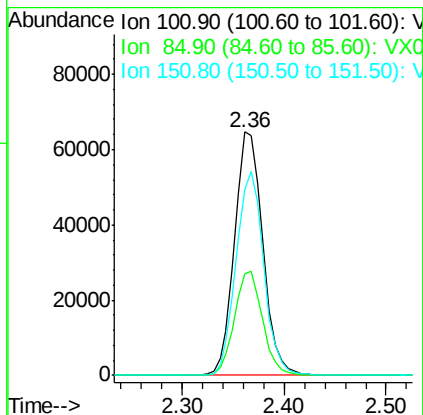
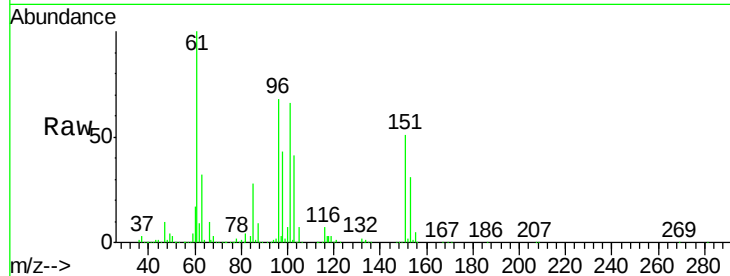
ClientSampleId :

ICVVX061520

Tot Ion:	101	Resp:	123944
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.0	51.0
151	82.2	68.7	103.1

Manual Integrations
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6/16/2020 3:23:17 PM



#10

Methyl Iodide

Concen: 46.817 ug/l

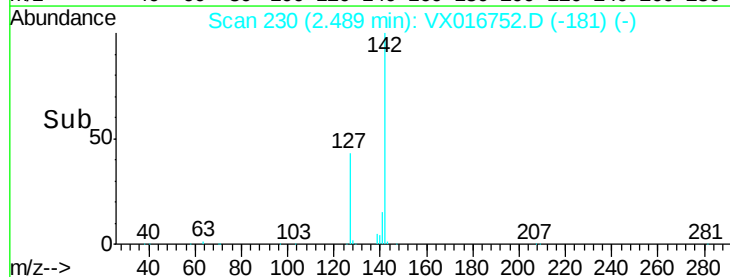
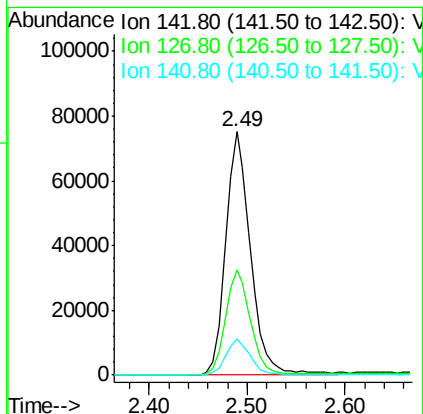
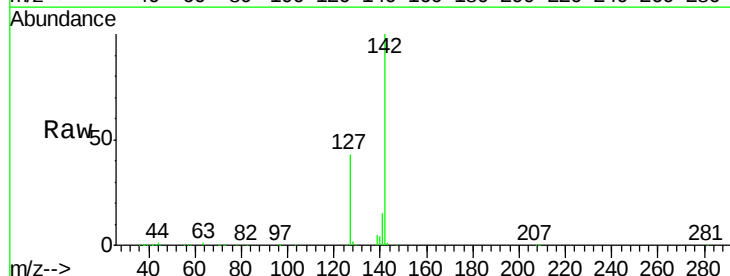
RT: 2.49 min Scan# 230

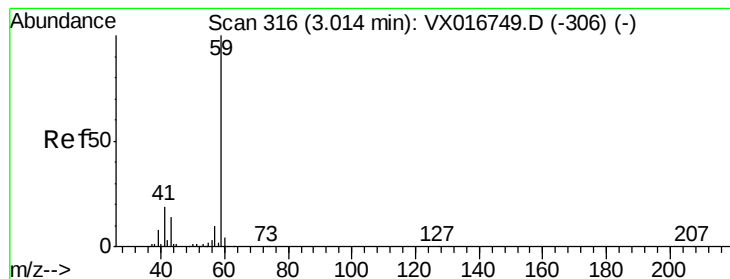
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion:	142	Resp:	132164
Ion Ratio	Lower	Upper	
142	100		
127	43.5	35.4	53.2
141	14.6	11.7	17.5





#11

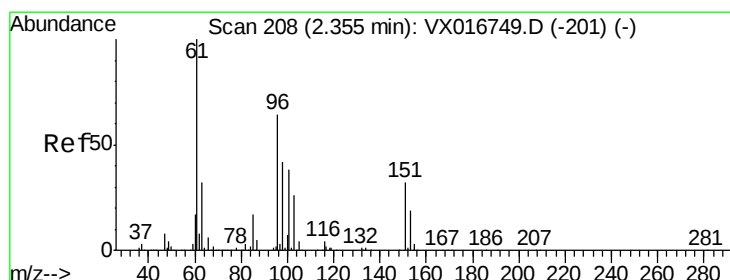
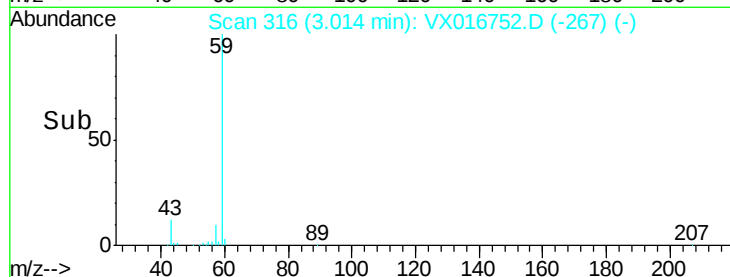
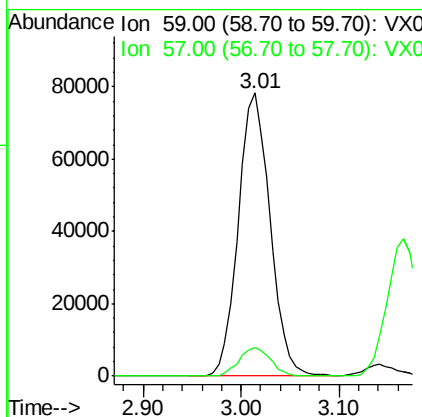
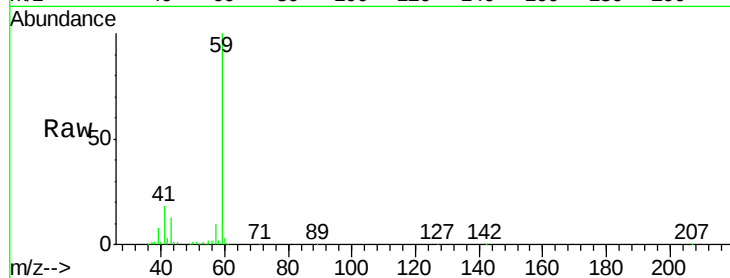
Tert butyl alcohol
Concen: 236.890 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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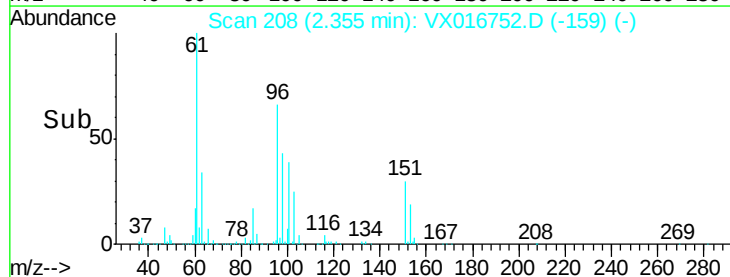
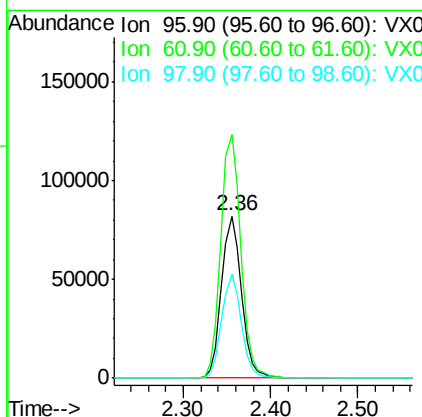
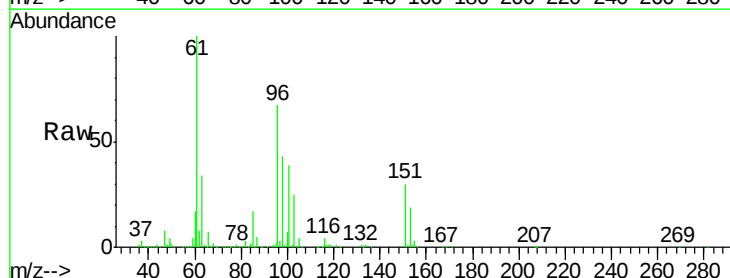
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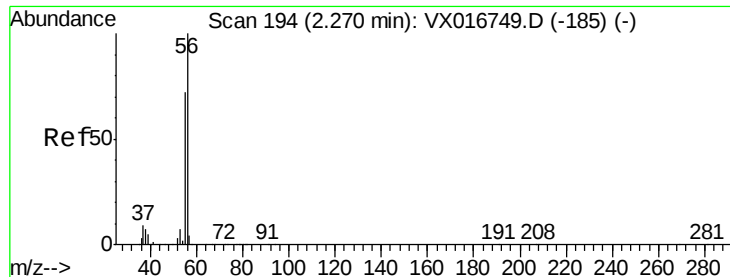


#12

1,1-Dichloroethene
Concen: 49.920 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.3	124.1	186.1
98	64.2	52.7	79.1





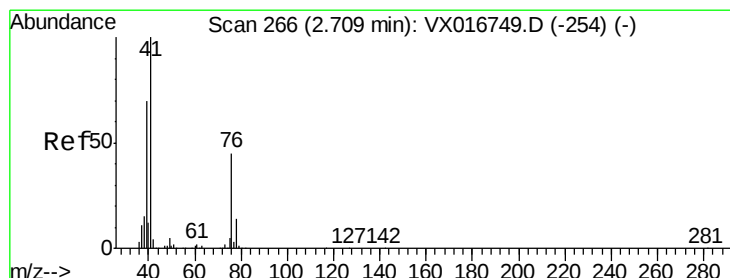
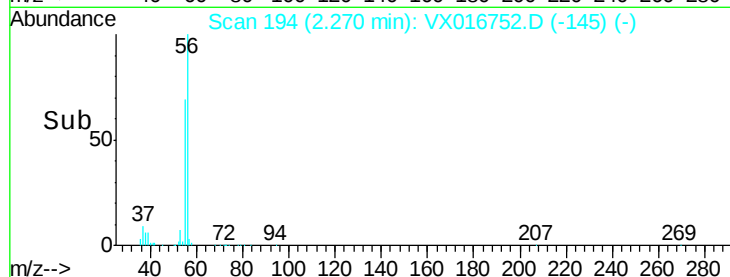
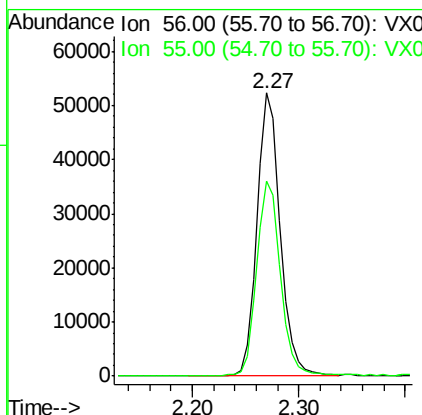
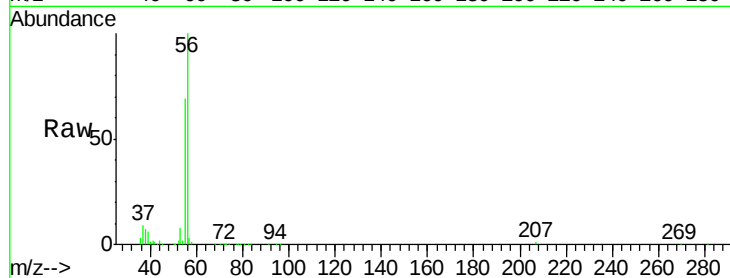
#13
Acrolein
Concen: 252.197 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	56	Resp	80303
Ion Ratio	100	Lower	Upper
55	70.1	58.2	87.4

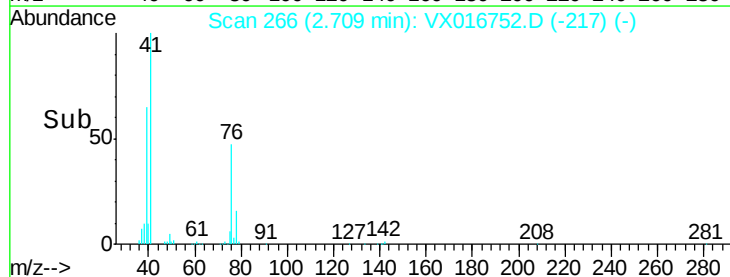
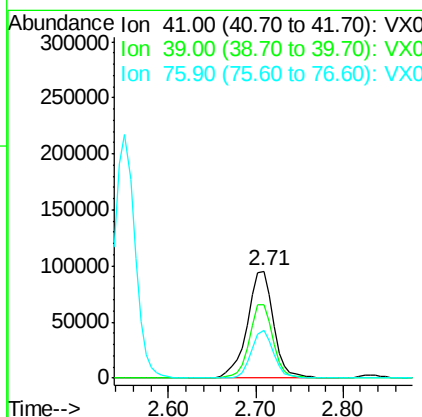
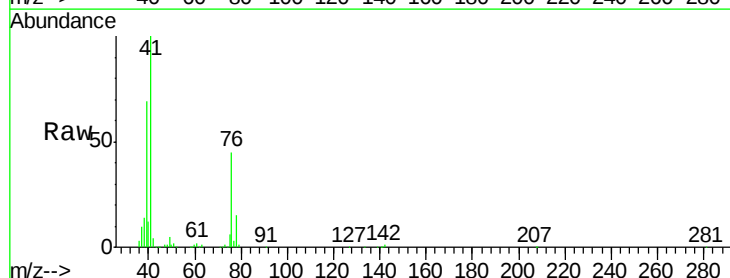
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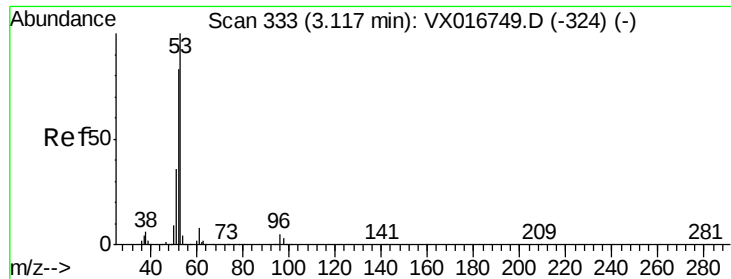
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#14
Allyl chloride
Concen: 49.014 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	41	Resp	198266
Ion Ratio	100	Lower	Upper
39	61.5	50.2	75.4
76	37.5	30.4	45.6





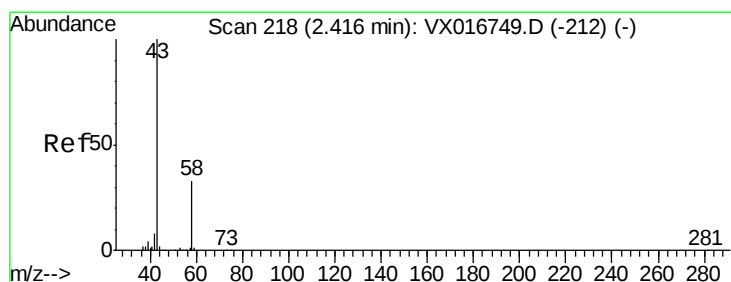
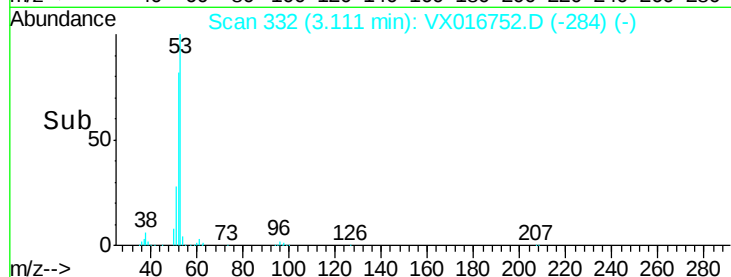
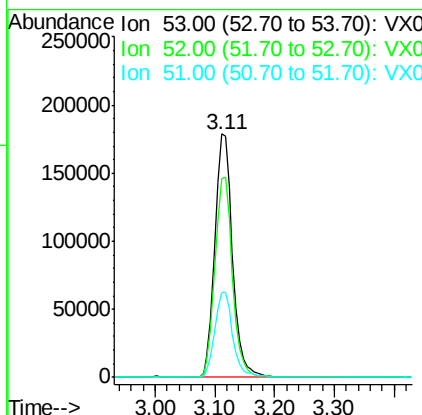
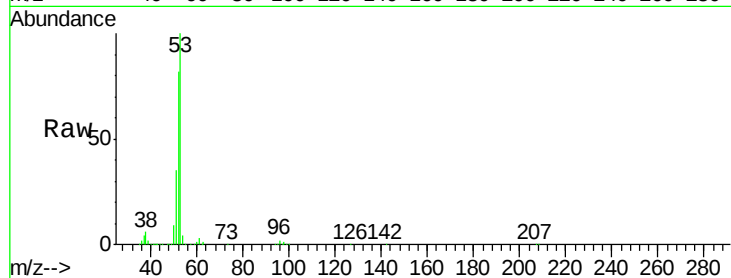
#15
 Acrylonitrile
 Concen: 240.913 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100				
52	81.9	65.5	98.3		
51	35.6	28.6	42.8		

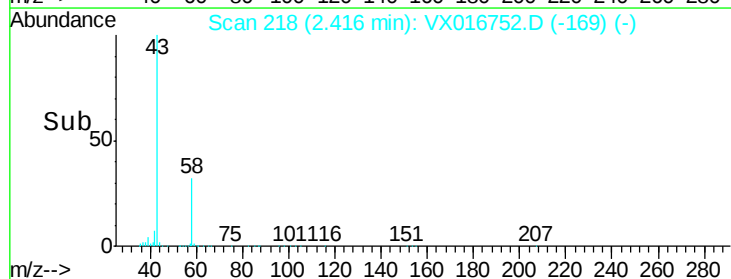
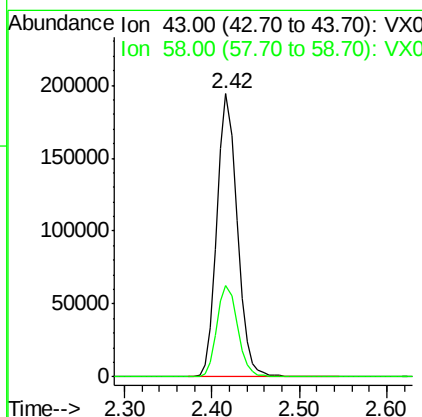
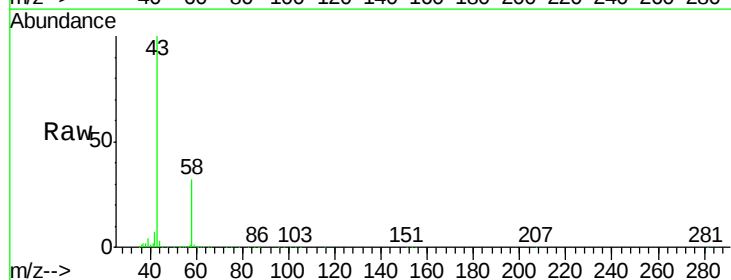
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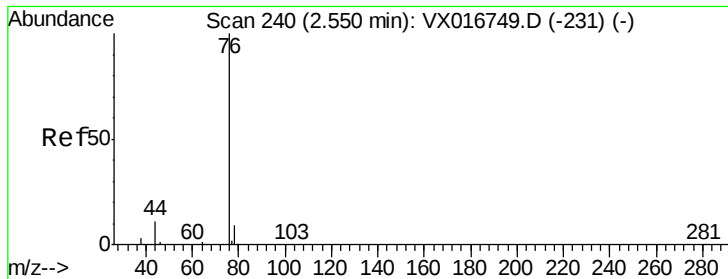
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#16
 Acetone
 Concen: 231.586 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
58	32.4	26.3	39.5		





#17

Carbon Disulfide

Concen: 47.831 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 76 Resp: 354301

Ion Ratio Lower Upper

76 100

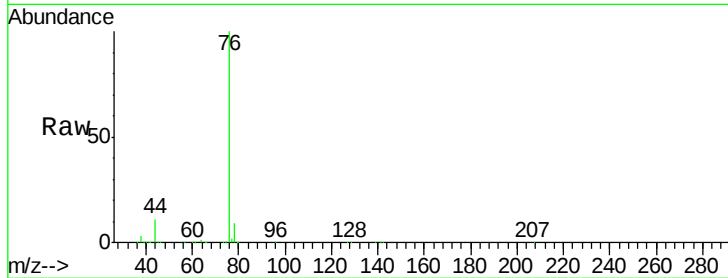
78 9.1 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

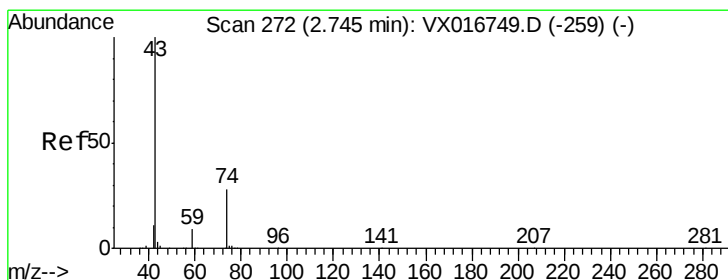
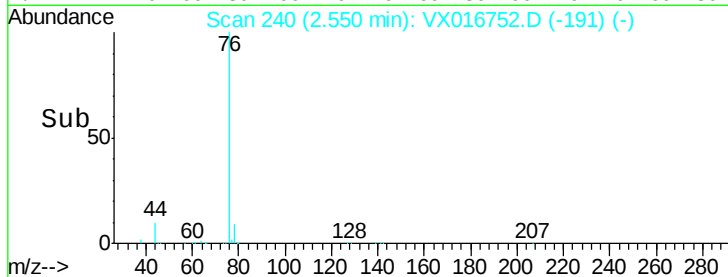
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 49.236 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016752.D

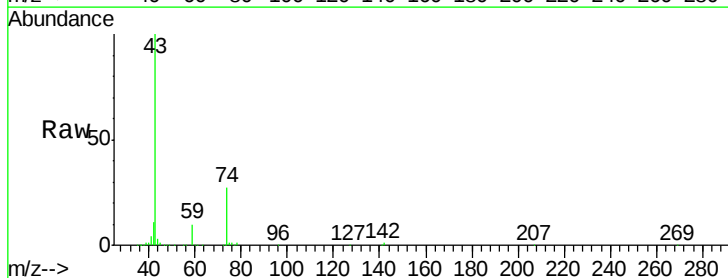
Acq: 15 Jun 2020 14:05

Tgt Ion: 43 Resp: 177438

Ion Ratio Lower Upper

43 100

74 27.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

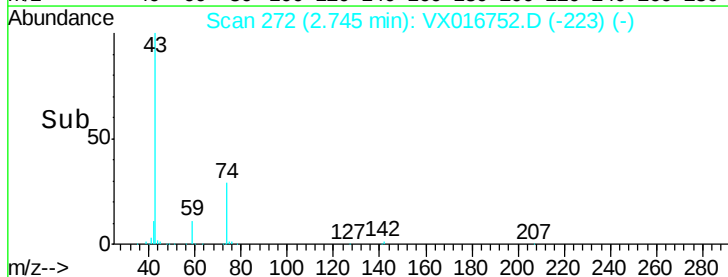
20000

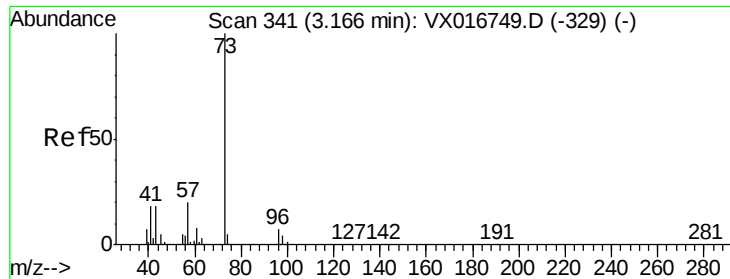
0

2.75

2.80

Time-->





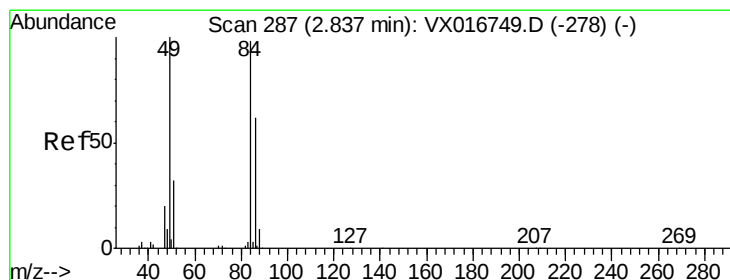
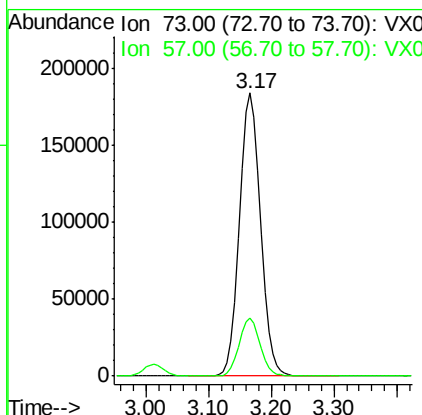
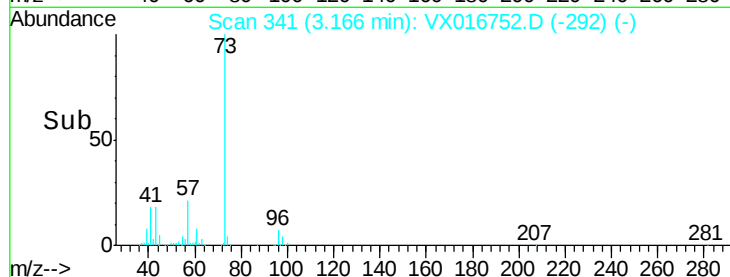
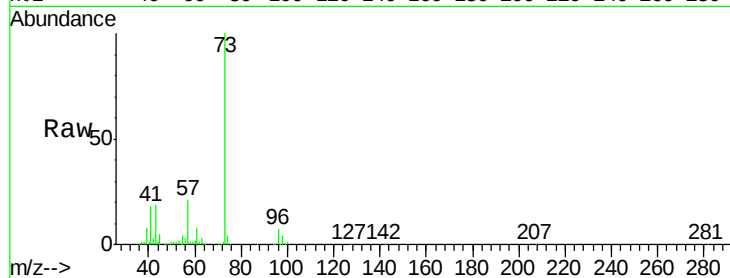
#19
Methvl tert-butvl Ether
Concen: 48.628 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion: 73 Resp: 428660
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.4

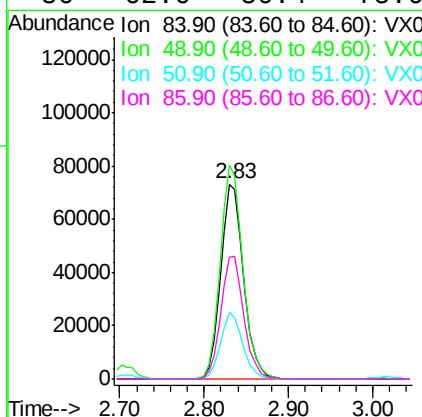
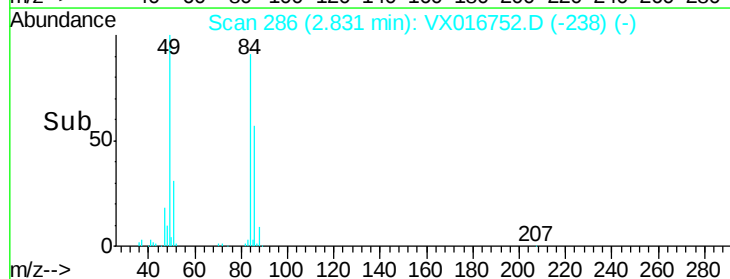
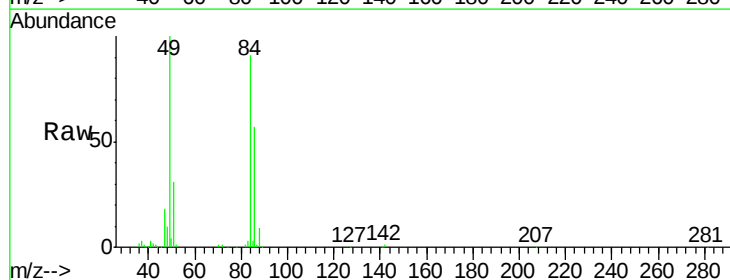
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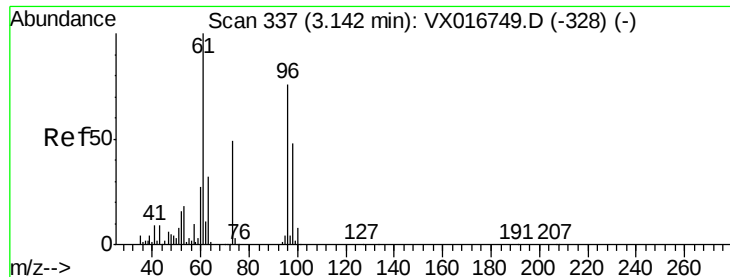
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#20
Methylene Chloride
Concen: 46.891 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion: 84 Resp: 136368
Ion Ratio Lower Upper
84 100
49 109.6 81.8 122.8
51 34.2 25.8 38.8
86 62.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 47.982 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

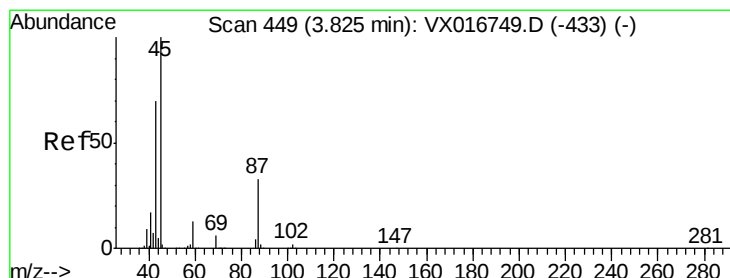
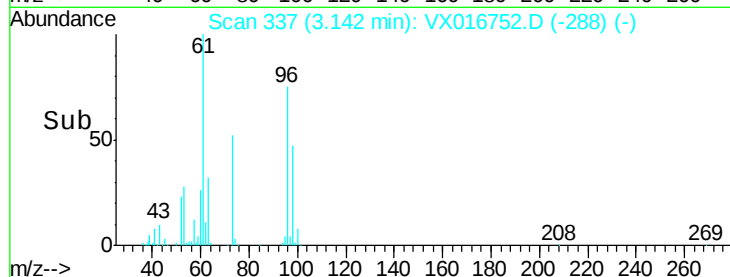
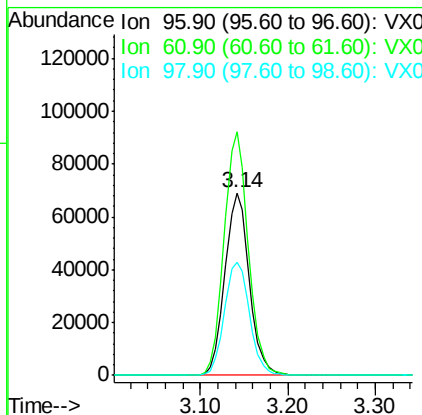
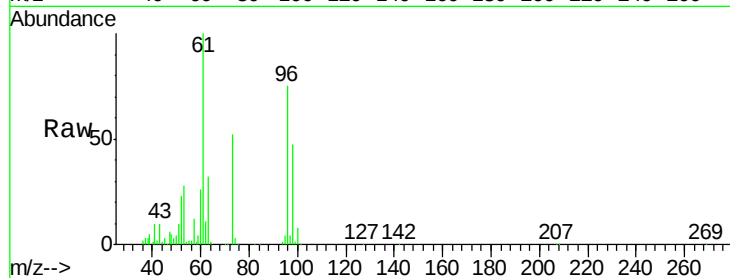
ClientSampleId :

ICVVX061520

Tot Ion:	96	Resp:	133359
Ion	Ratio	Lower	Upper
96	100		
61	133.4	105.4	158.2
98	62.3	50.8	76.2

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#22

Diisopropyl ether

Concen: 48.845 ug/l

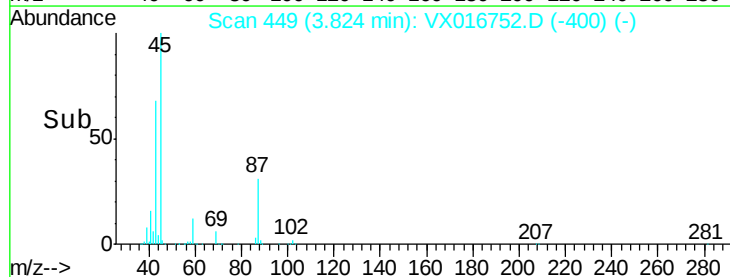
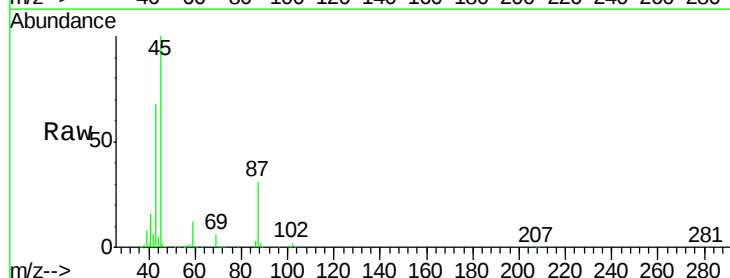
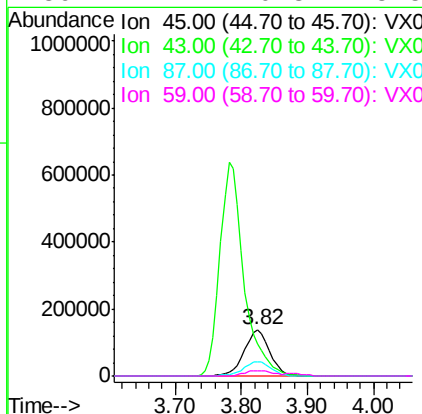
RT: 3.82 min Scan# 449

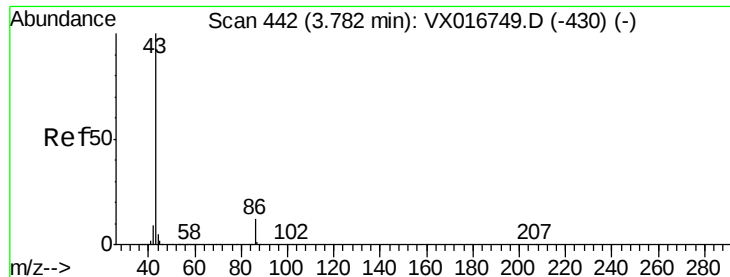
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion:	45	Resp:	371131
Ion	Ratio	Lower	Upper
45	100		
43	68.0	56.2	84.4
87	30.7	26.2	39.4
59	12.4	10.3	15.5





#23

Vinyl Acetate

Concen: 245.157 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 43 Resp: 1610020

Ion Ratio Lower Upper

43 100

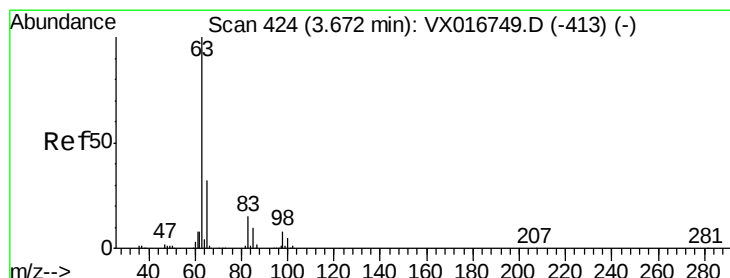
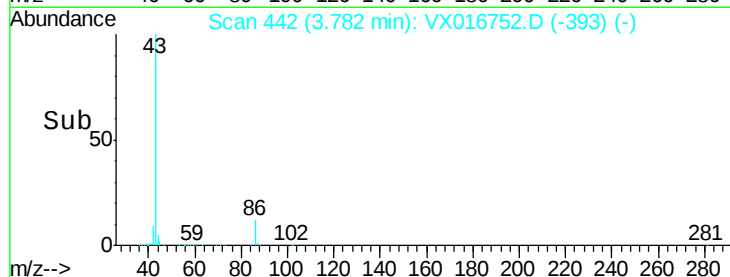
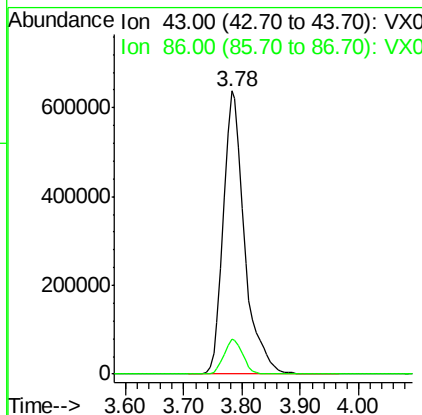
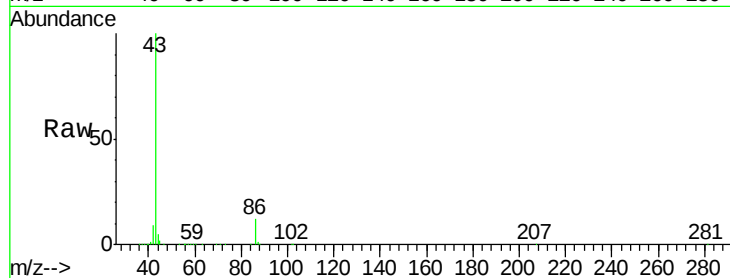
86 12.4 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 47.727 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

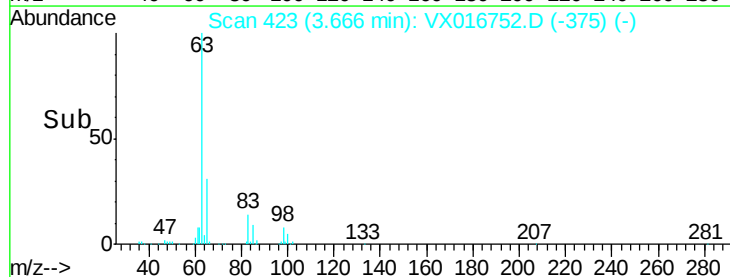
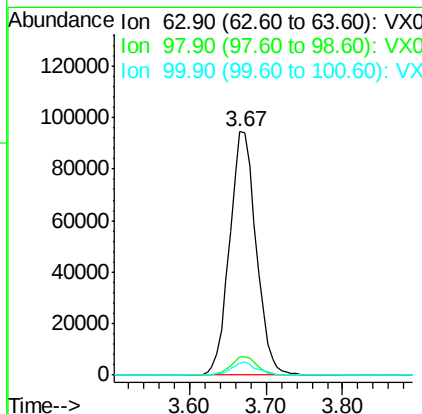
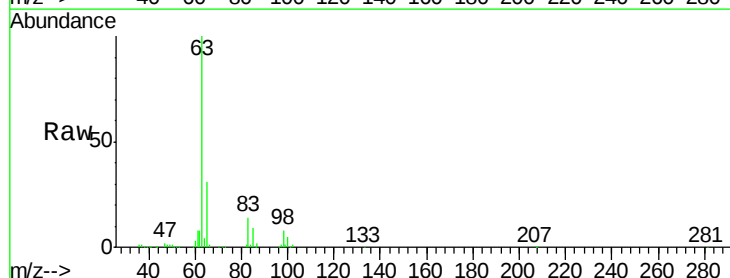
Tgt Ion: 63 Resp: 226813

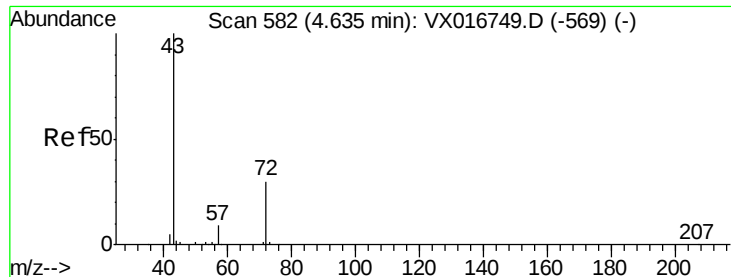
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 239.182 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 43 Resp: 486693

Ion Ratio Lower Upper

43 100

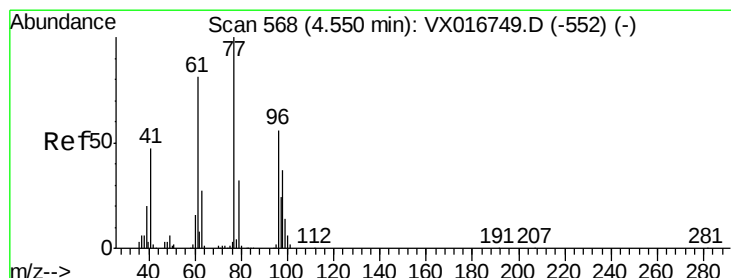
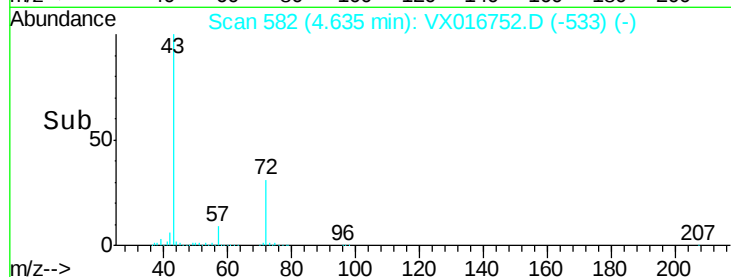
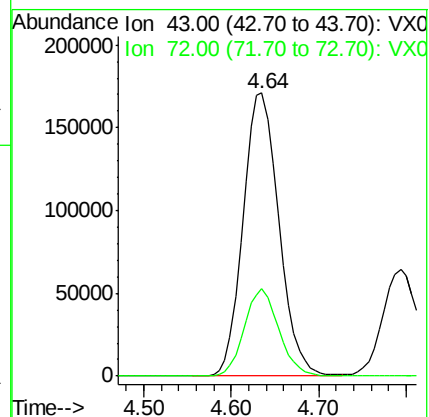
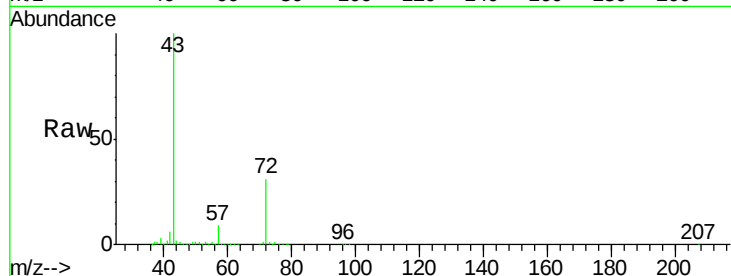
72 30.6 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.605 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016752.D

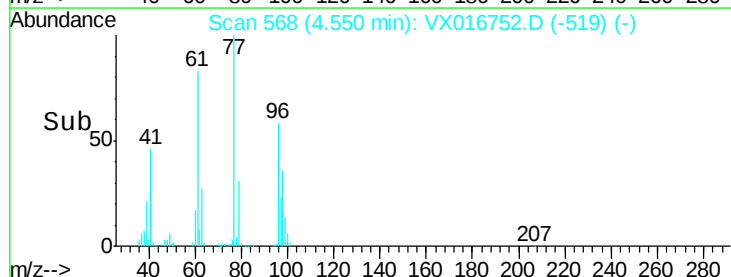
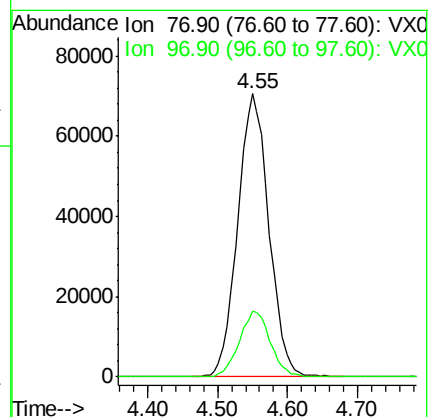
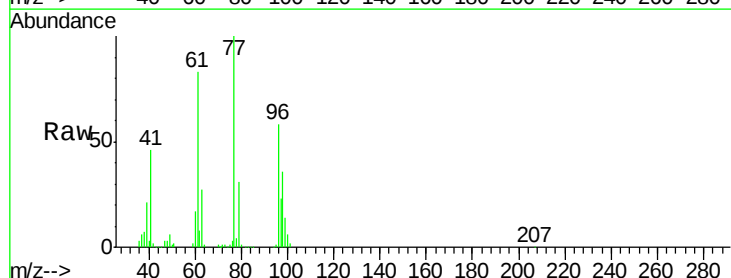
Acq: 15 Jun 2020 14:05

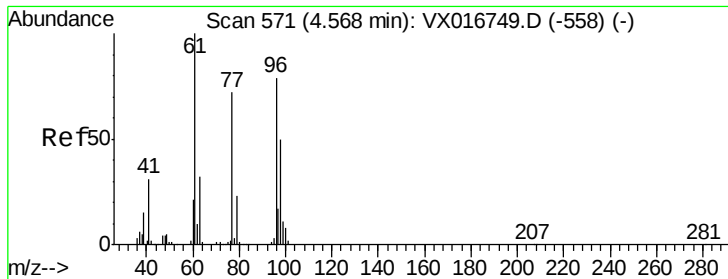
Tgt Ion: 77 Resp: 218281

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

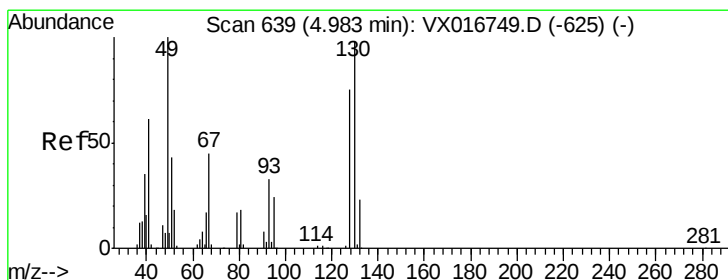
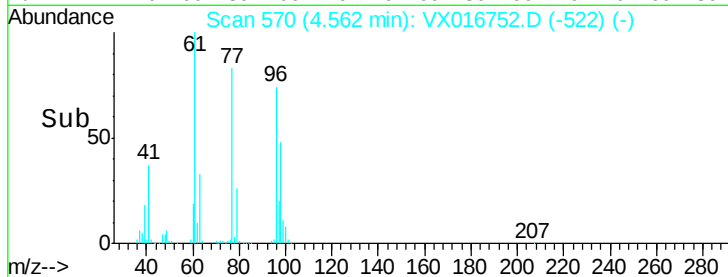
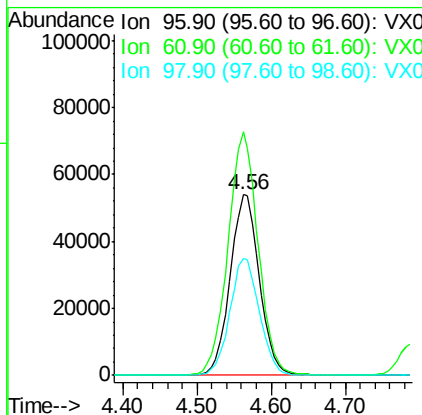
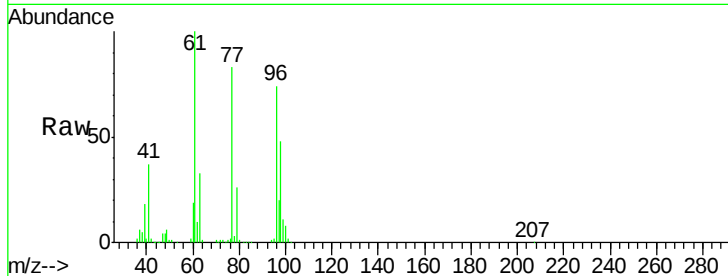
cis-1,2-Dichloroethene
Concen: 46.925 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149067		
61	138.2	0.0	276.2	
98	65.1	0.0	130.0	

Manual Integrations
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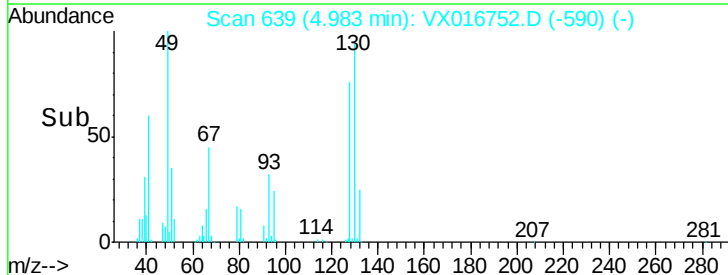
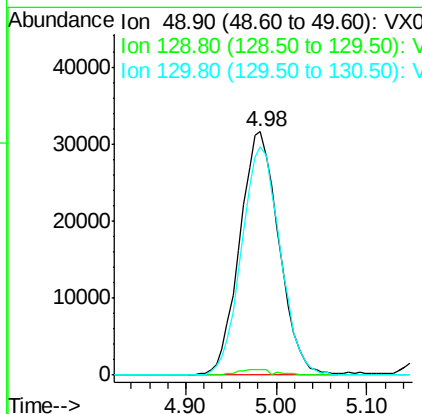
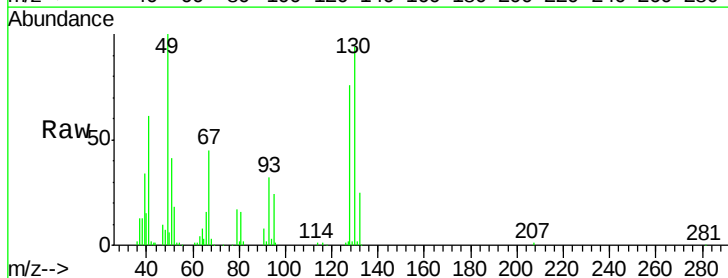
MMDadoda
6/16/2020 3:23:17 PM

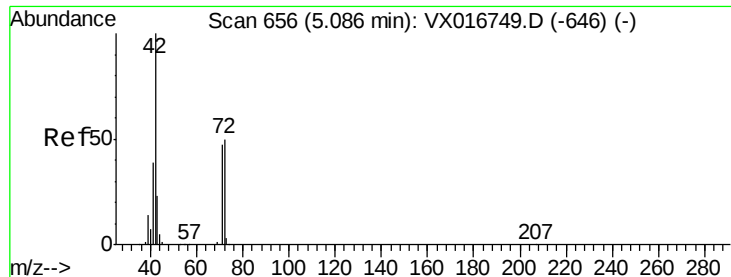


#28

Bromochloromethane
Concen: 46.681 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	94634		
129	1.7	0.0	2.8	
130	93.0	76.0	114.0	





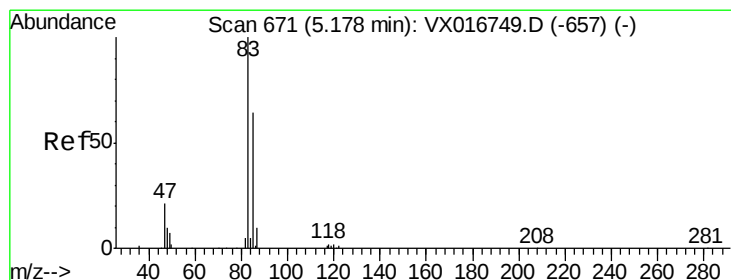
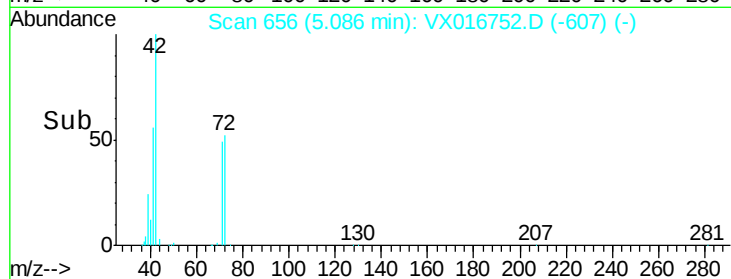
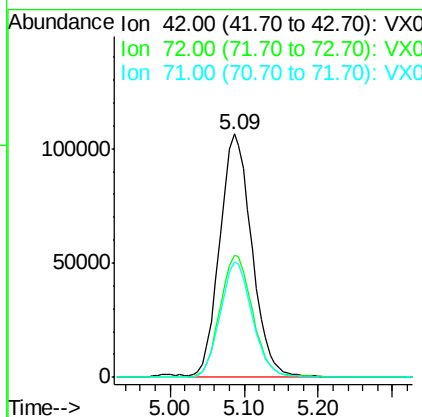
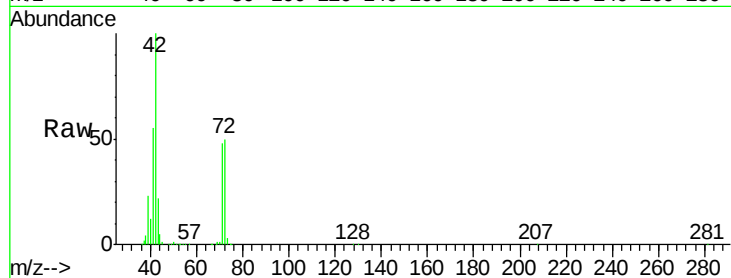
#29
Tetrahydrofuran
Concen: 241.692 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	41.0	61.6
71	47.3	38.2	57.4

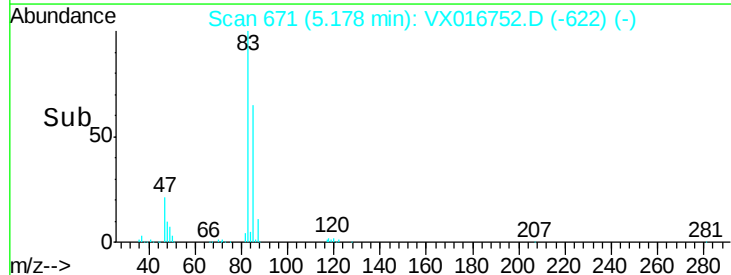
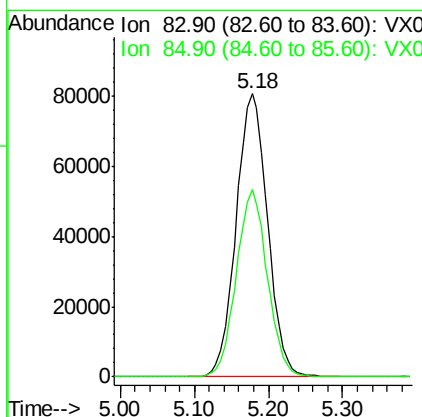
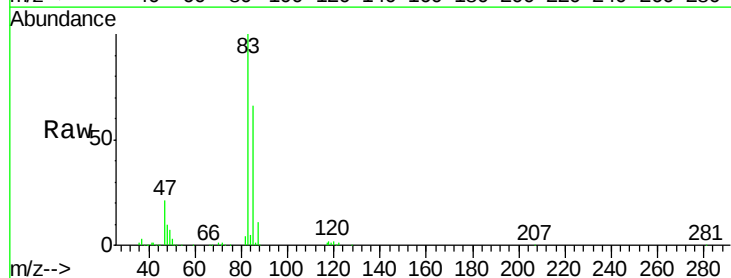
Manual Integrations
APPROVED

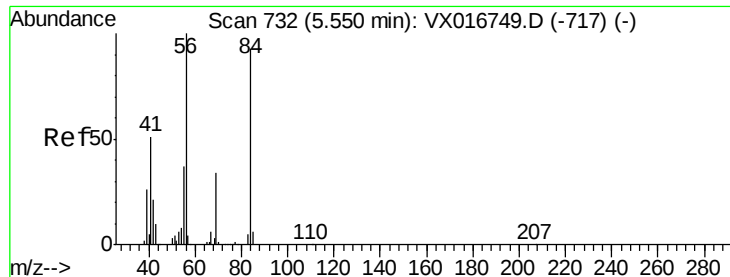
MMDadoda
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#30
Chloroform
Concen: 47.572 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.8	76.2





#31

Cyclohexane

Concen: 50.904 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

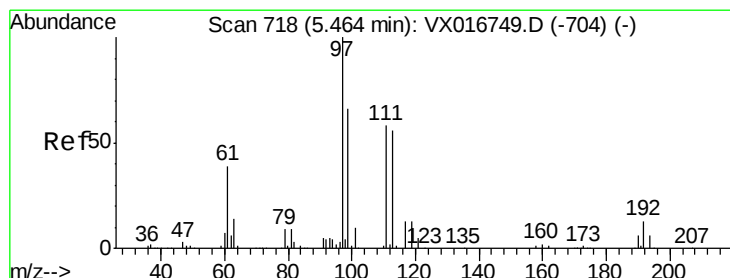
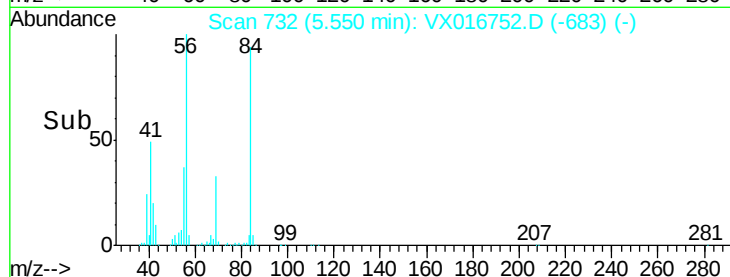
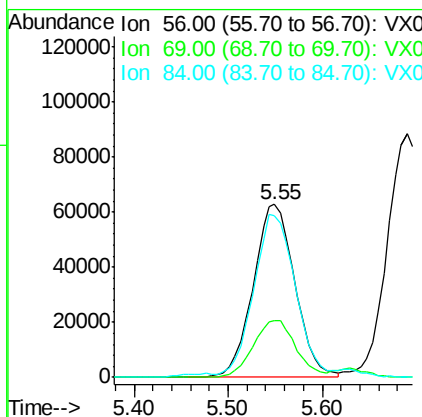
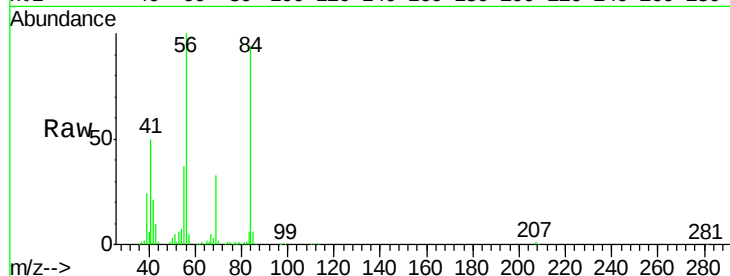
ClientSampleId :

ICVVX061520

Tot Ion:	56	Resp:	194846
Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.1	40.7
84	91.9	74.0	111.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.714 ug/l

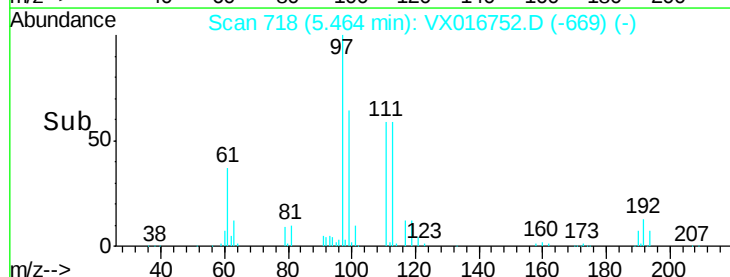
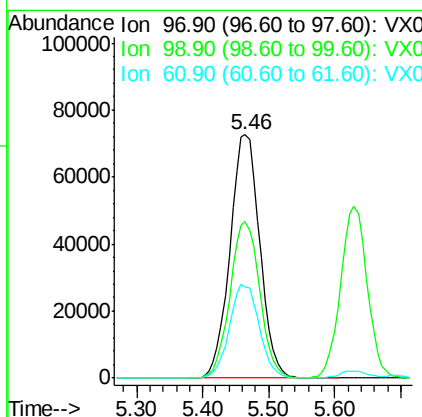
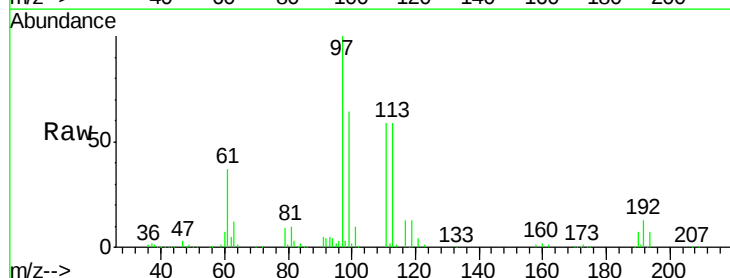
RT: 5.46 min Scan# 718

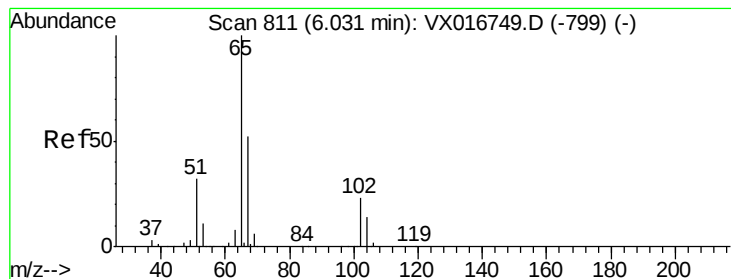
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion:	97	Resp:	226804
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	38.6	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.222 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 65 Resp: 149479

Ion Ratio Lower Upper

65 100

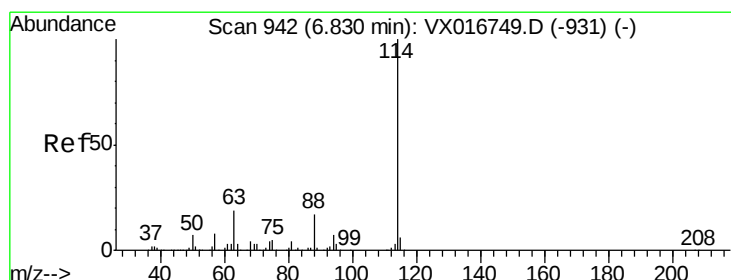
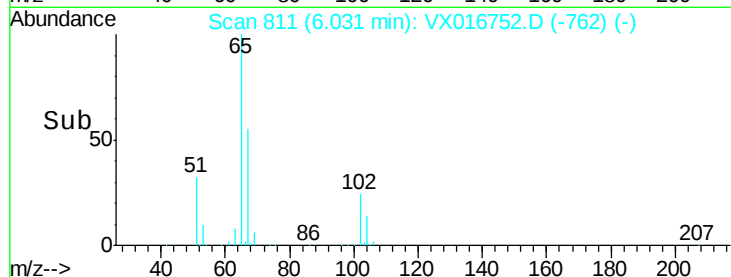
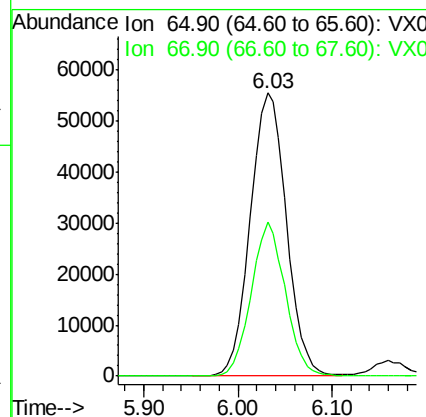
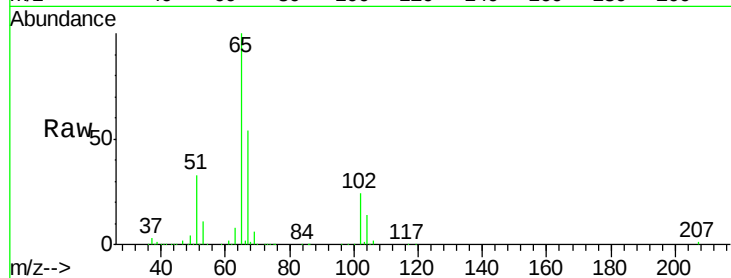
67 51.2 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

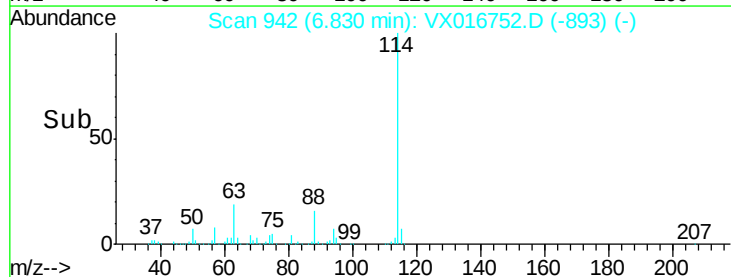
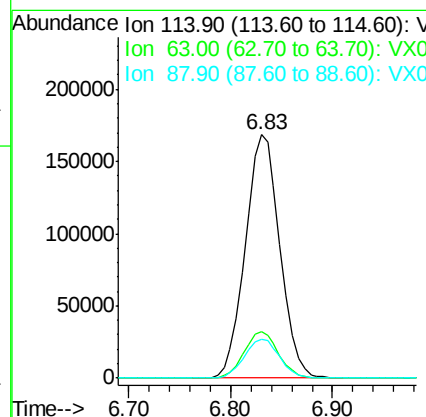
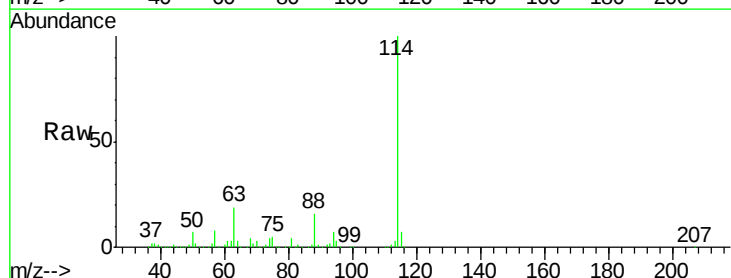
Tgt Ion: 114 Resp: 396549

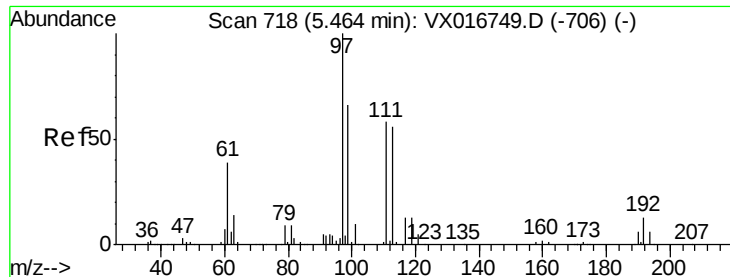
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 16.1 0.0 33.4





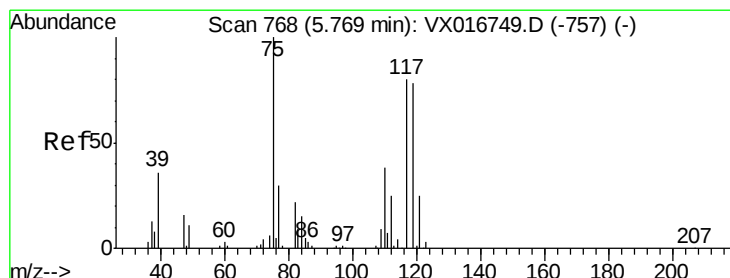
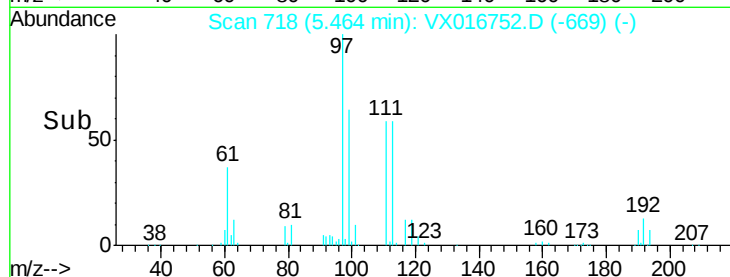
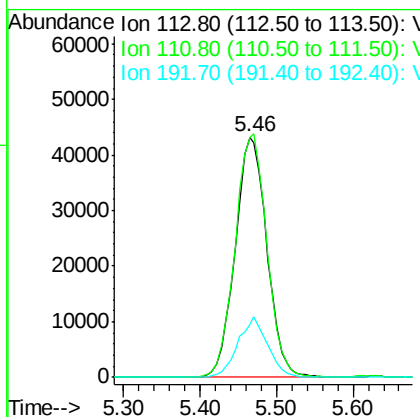
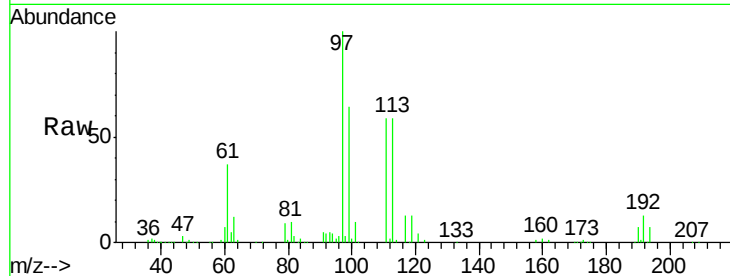
#35
 Dibromofluoromethane
 Concen: 50.674 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123982		
111	101.8	81.8	122.6	
192	23.6	18.2	27.4	

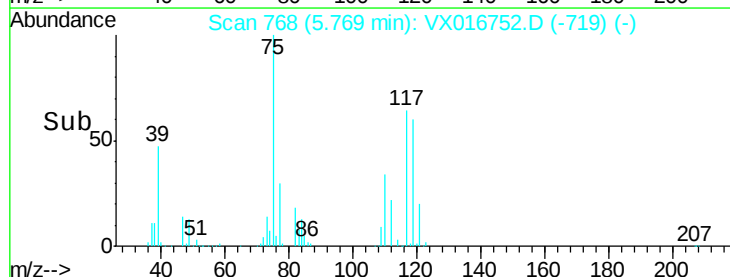
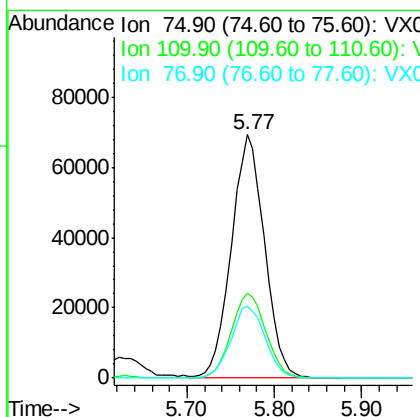
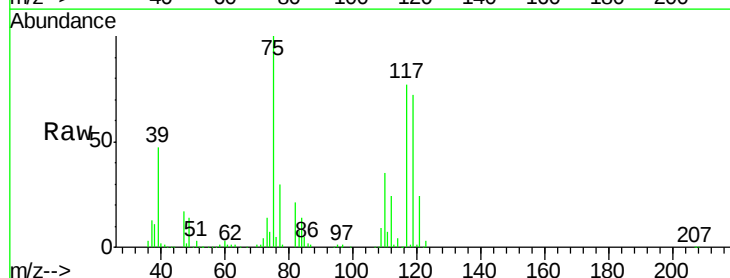
Manual Integrations
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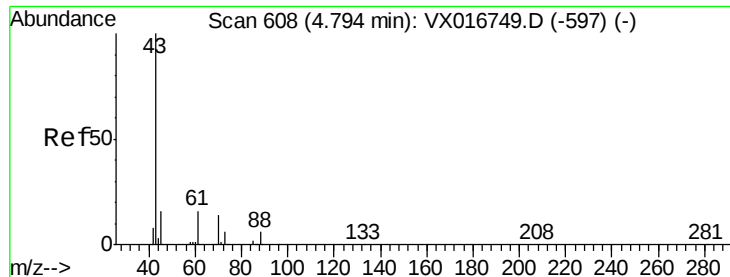
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#36
 1,1-Dichloropropene
 Concen: 51.730 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	181283		
110	36.5	18.4	55.2	
77	30.3	24.7	37.1	





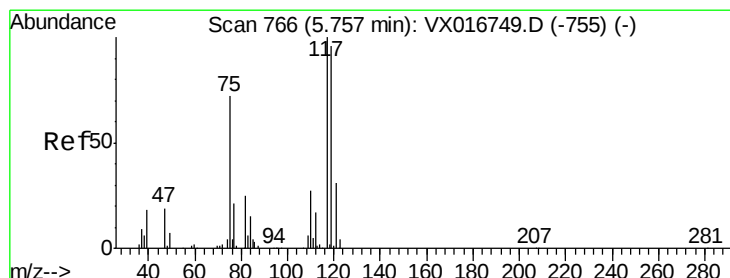
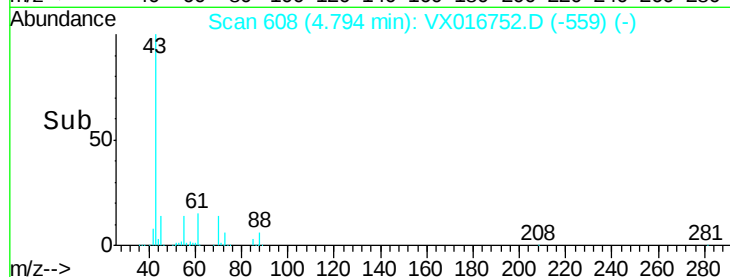
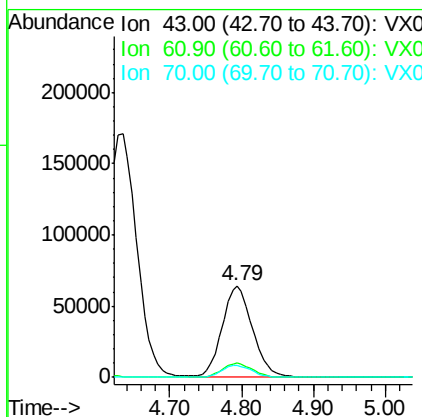
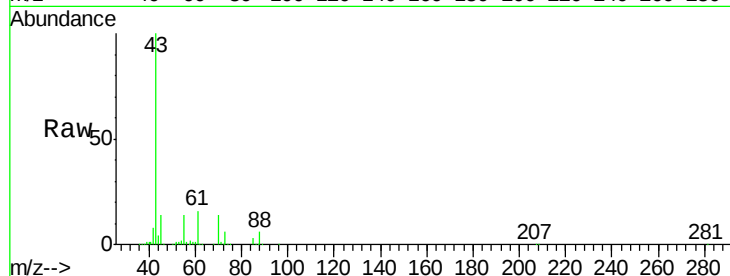
#37
Ethyl Acetate
Concen: 48.868 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.4	18.6
70	13.1	10.8	16.2

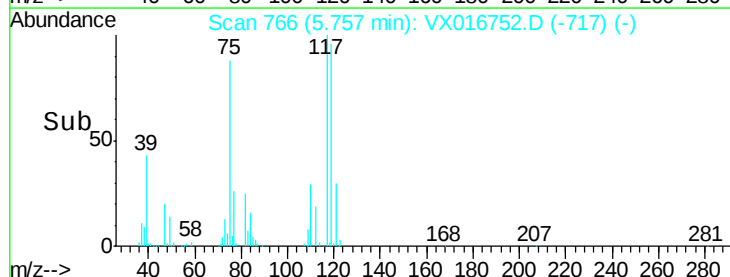
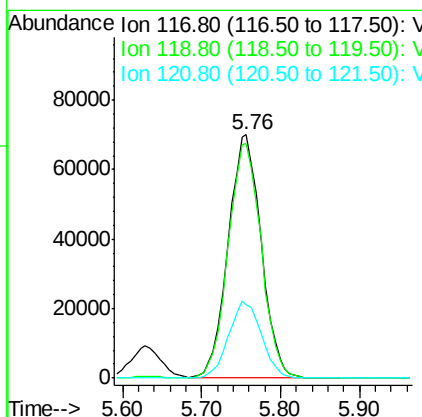
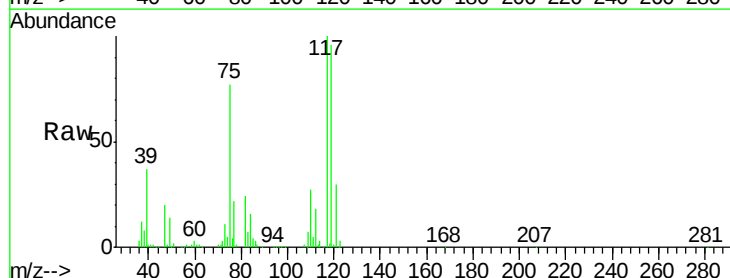
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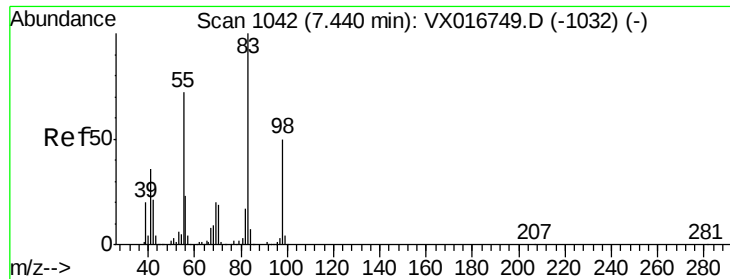
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#38
Carbon Tetrachloride
Concen: 51.221 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.7	115.1
121	30.1	24.7	37.1





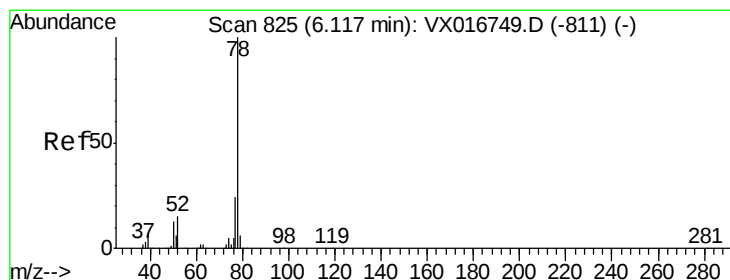
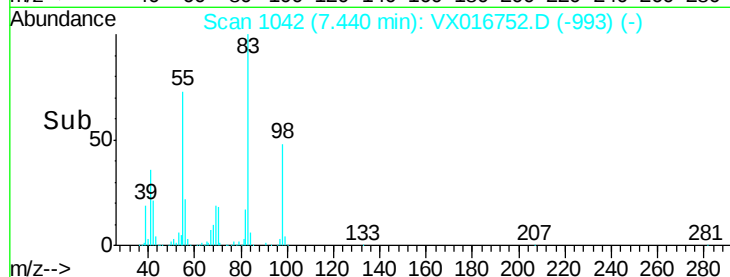
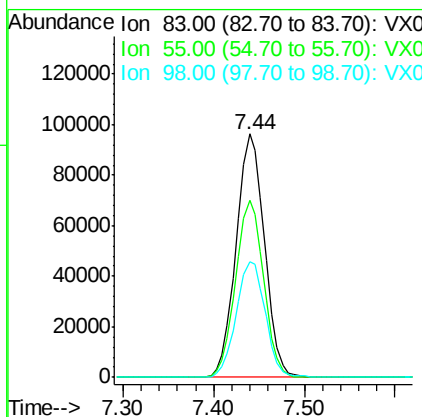
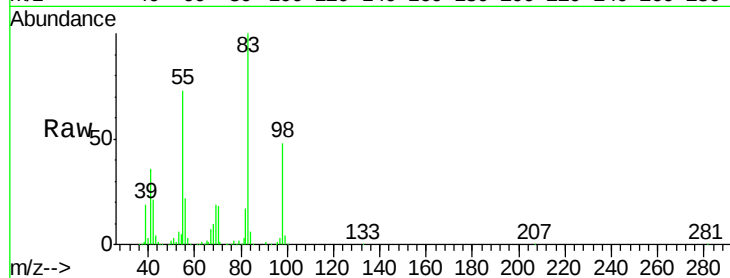
#39
Methylvlcyclohexane
Concen: 51.272 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	57.3	85.9
98	47.6	40.3	60.5

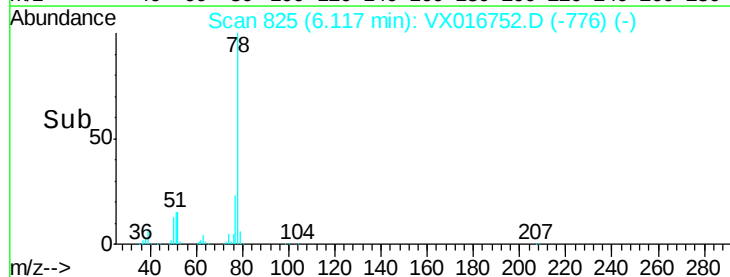
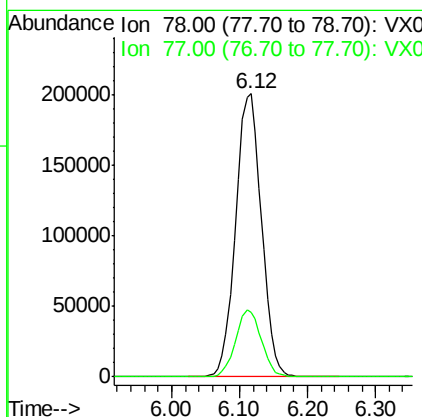
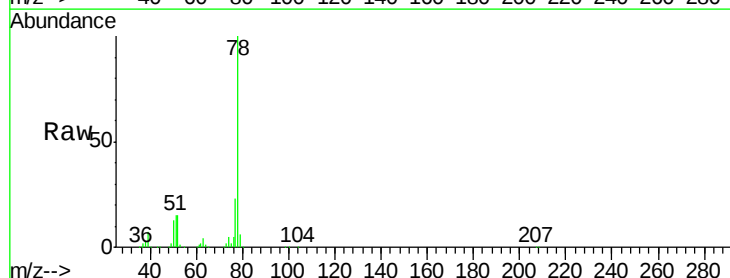
Manual Integrations
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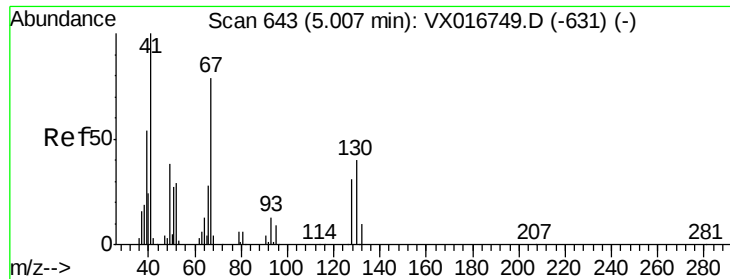
MMDadoda
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#40
Benzene
Concen: 49.673 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





#41

Methacrylonitrile

Concen: 49.609 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

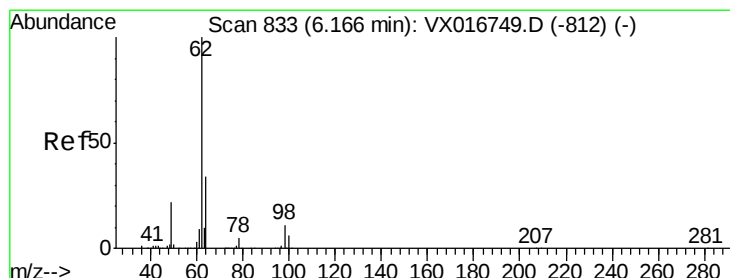
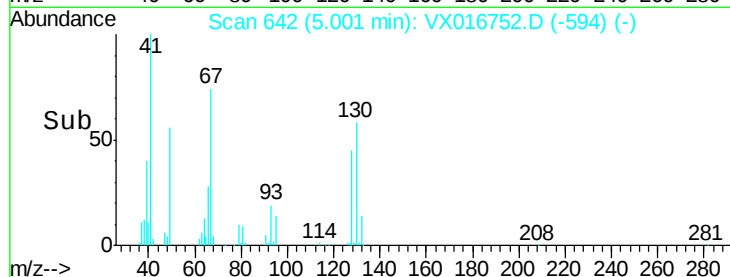
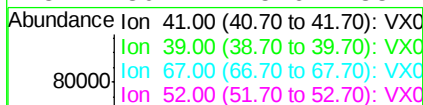
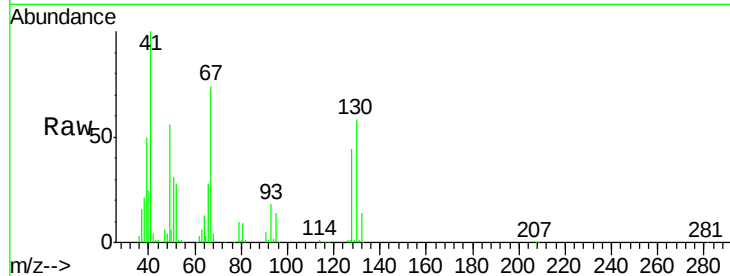
ClientSampleId :

ICVX061520

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.7	65.5
67	77.9	64.6	96.8
52	30.4	25.6	38.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.680 ug/l

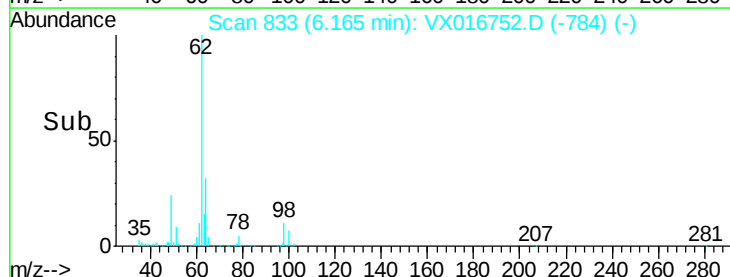
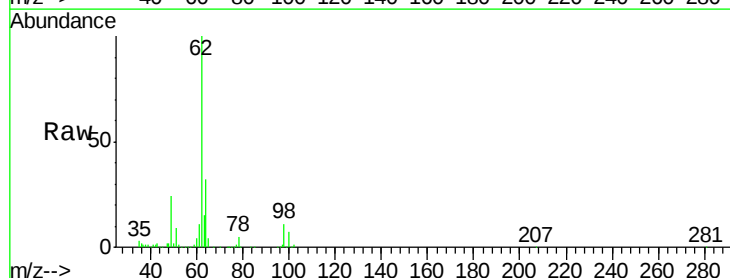
RT: 6.17 min Scan# 833

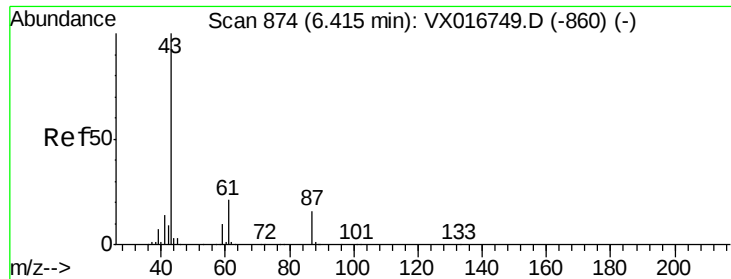
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2





#43

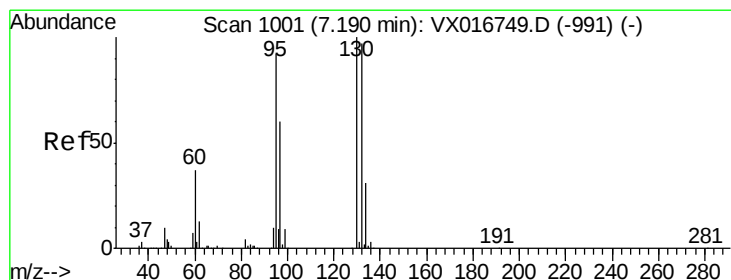
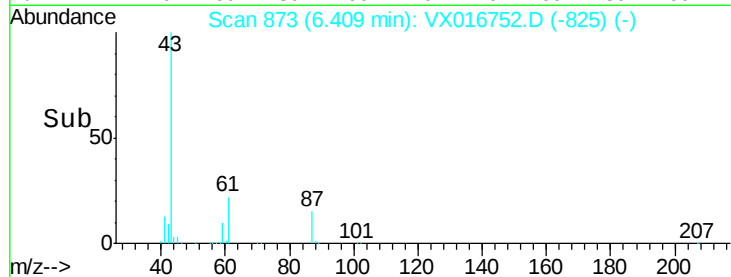
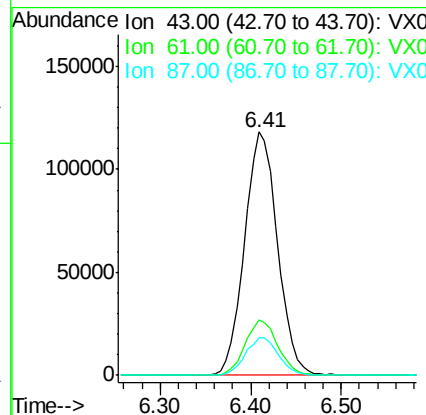
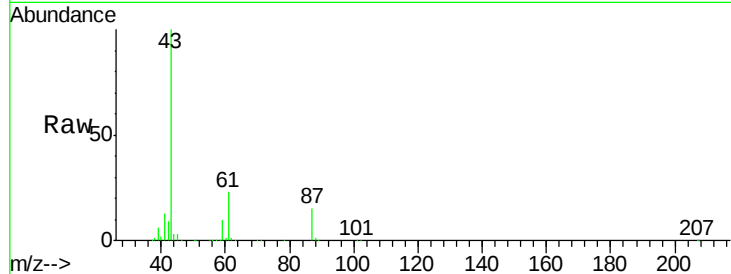
Isopropyl Acetate
 Concen: 49.201 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Tot Ion	43	61	87
Resp	295933		
Ratio	100	22.7	15.6
Lower		17.7	12.5
Upper		26.5	18.7

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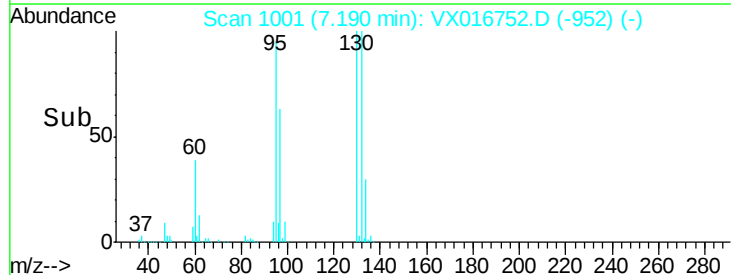
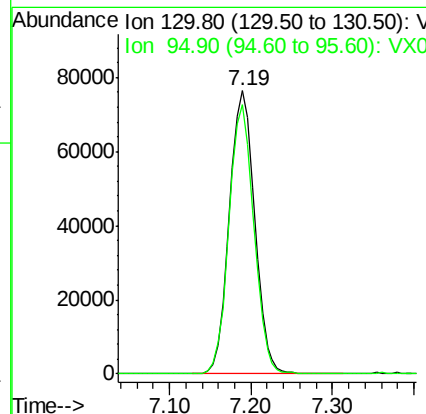
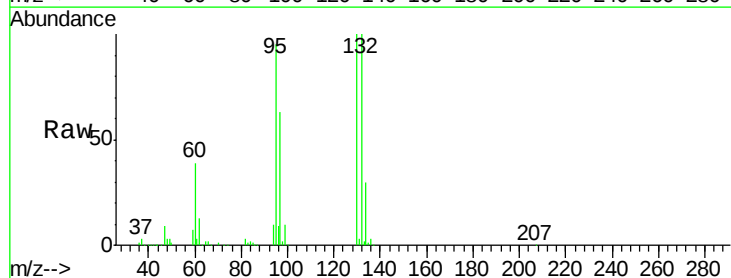
MMDadoda
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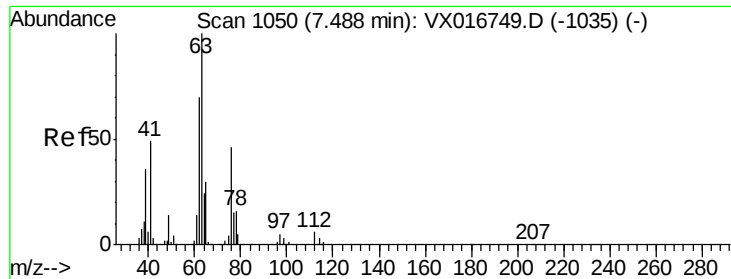


#44

Trichloroethene
 Concen: 49.693 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	130	95
Resp	164007	
Ratio	100	95.1
Lower		0.0
Upper		183.6





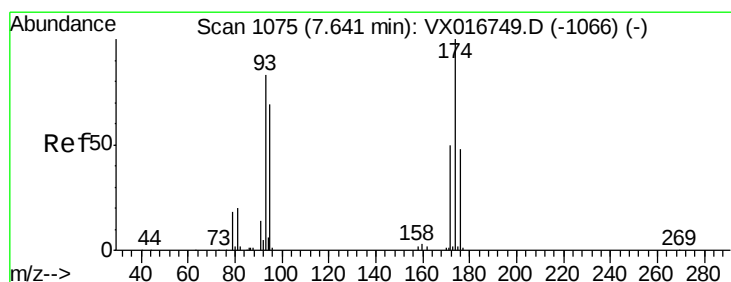
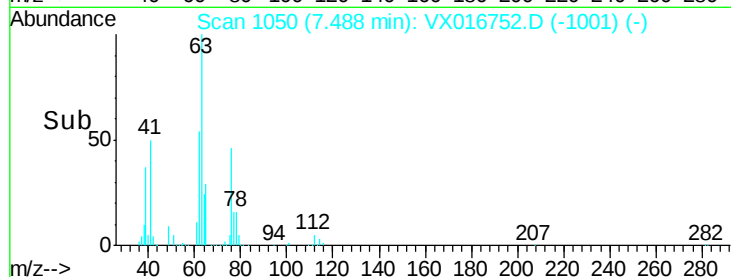
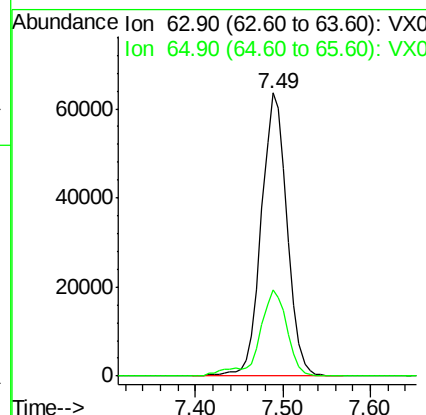
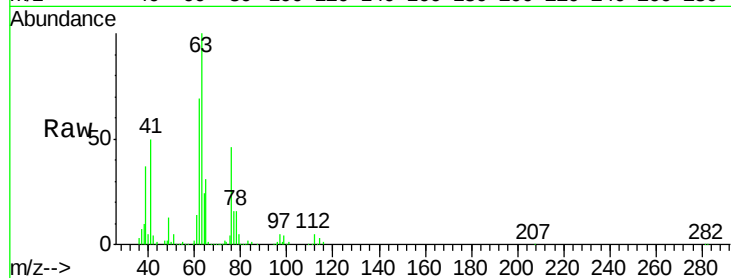
#45
 1,2-Dichloropropane
 Concen: 49.806 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.2	36.2

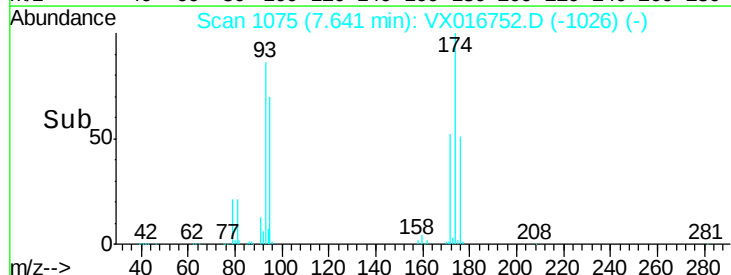
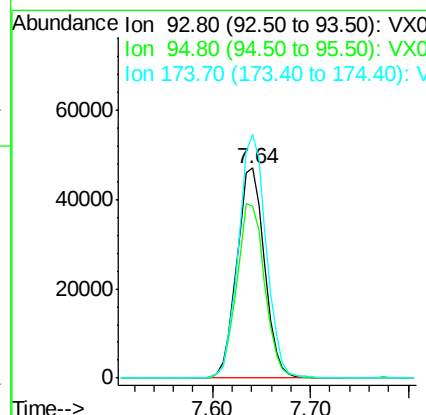
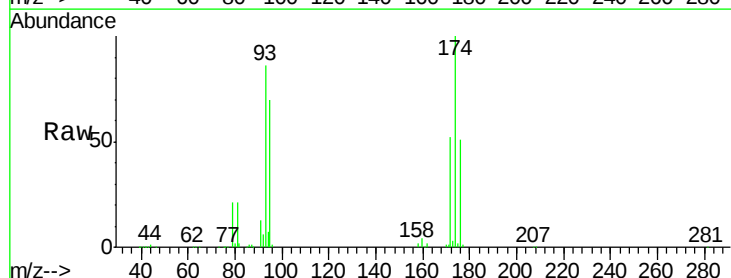
Manual Integrations
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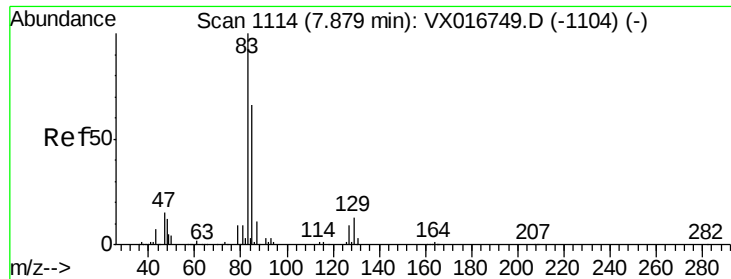
MMDadoda
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#46
 Dibromomethane
 Concen: 48.653 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.9	100.3
174	116.0	93.8	140.8





#47

Bromodichloromethane

Concen: 49.158 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

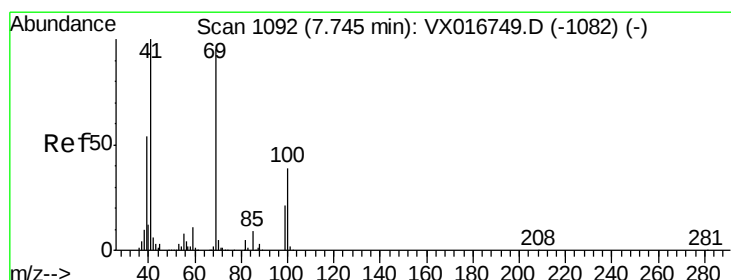
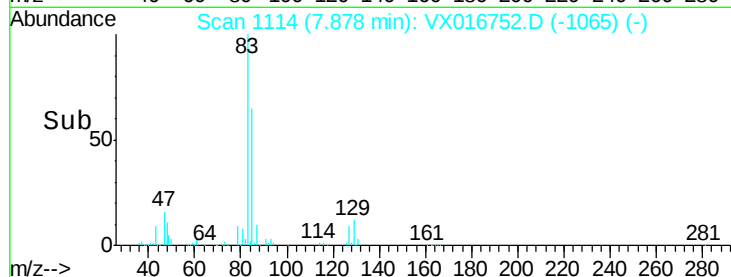
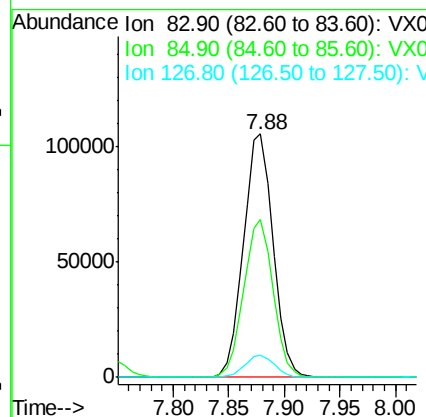
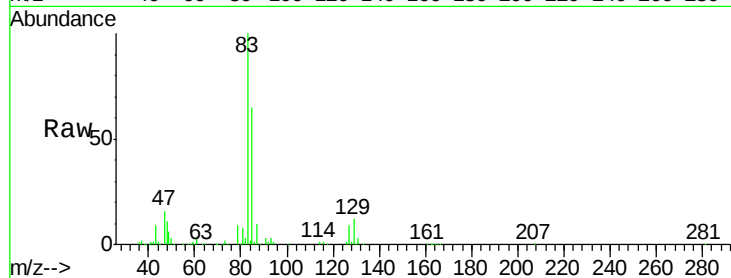
ClientSampleId :

ICVVX061520

Tot Ion:	83	Resp:	195370
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.5	78.7
127	9.0	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.855 ug/l

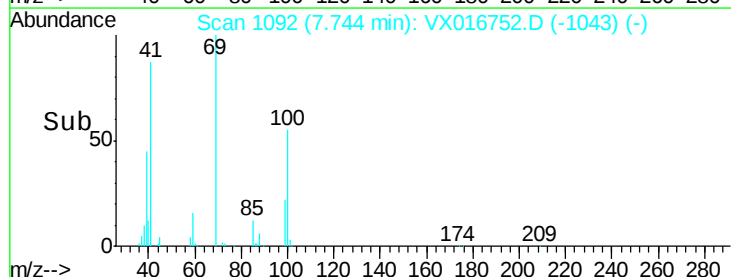
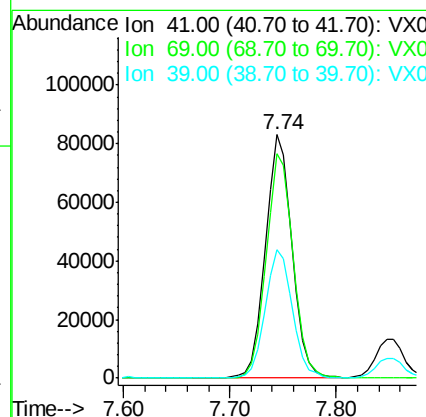
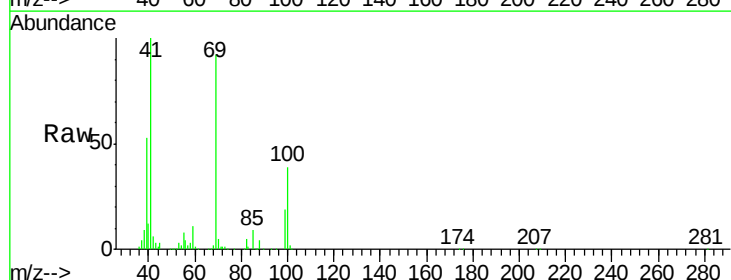
RT: 7.74 min Scan# 1092

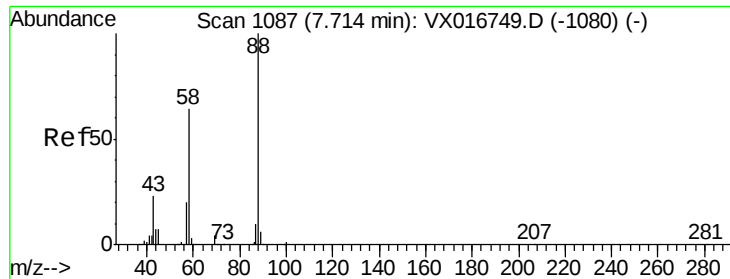
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion:	41	Resp:	144977
Ion Ratio	Lower	Upper	
41	100		
69	93.7	75.0	112.6
39	54.1	44.3	66.5





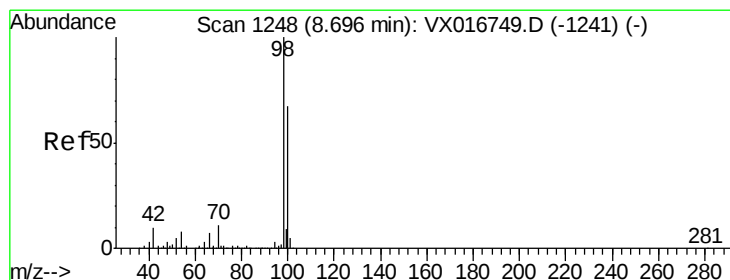
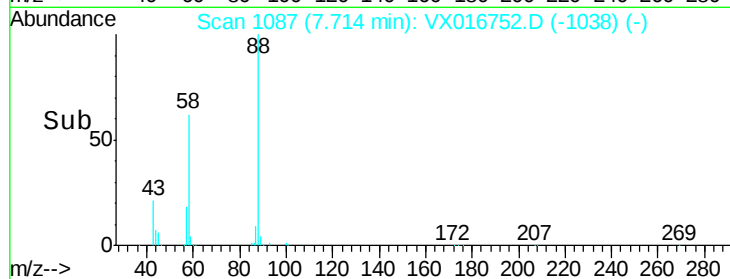
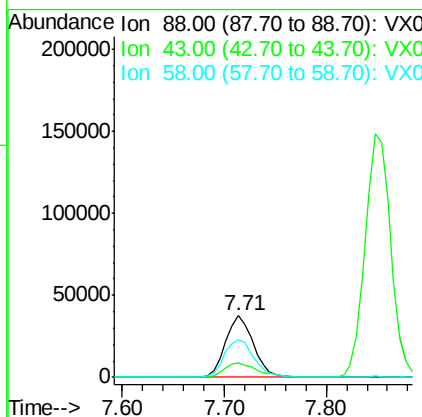
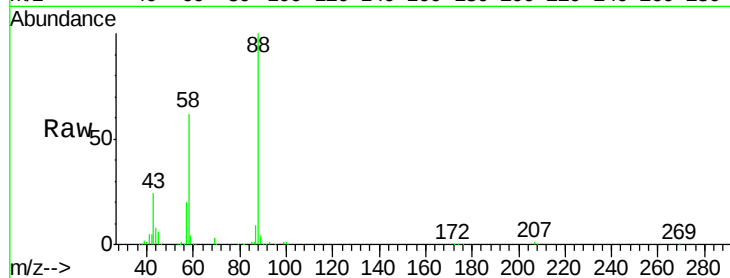
#49
1,4-Dioxane
Concen: 1004.195 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.9	34.3
58	66.2	53.7	80.5

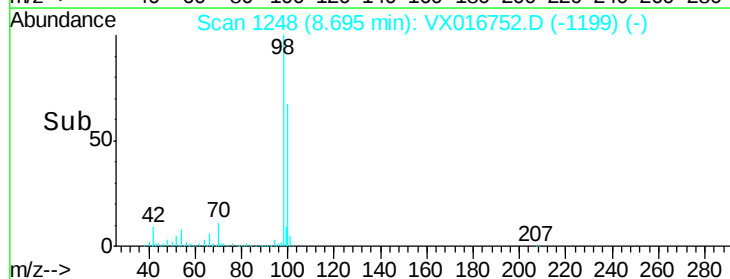
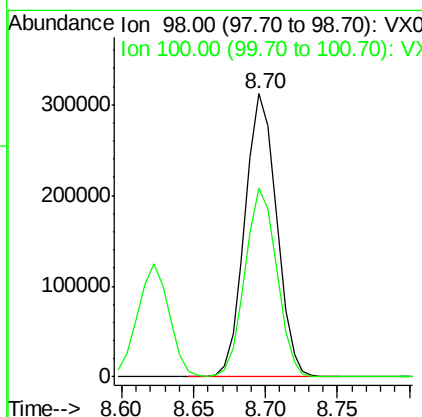
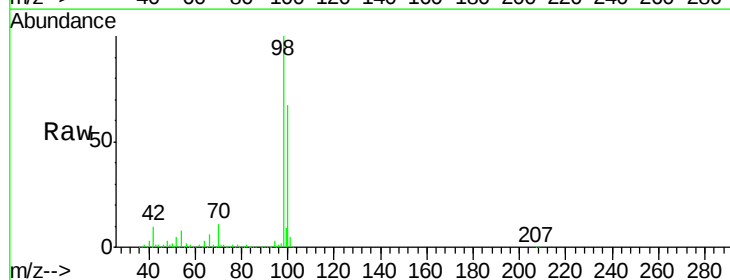
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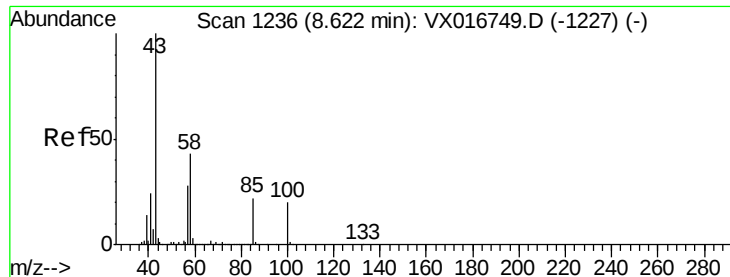
MMDadoda
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#50
Toluene-d8
Concen: 52.771 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 254.431 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 43 Resp: 943016

Ion Ratio Lower Upper

43 100

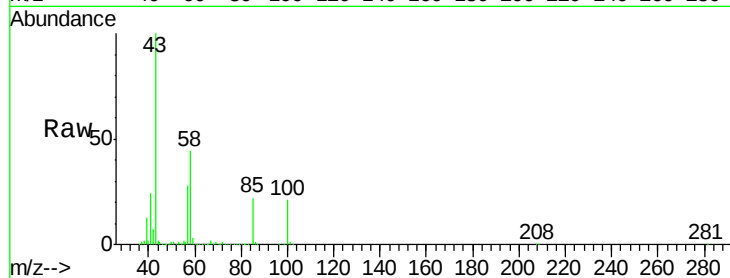
58 43.5 34.6 52.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

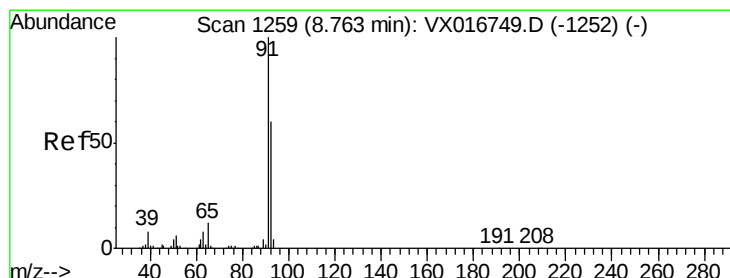
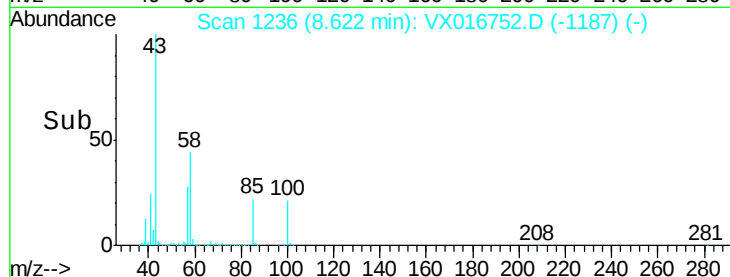
600000

400000

200000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 50.393 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016752.D

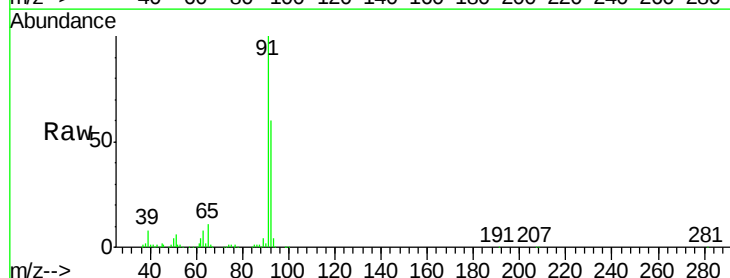
Acq: 15 Jun 2020 14:05

Tgt Ion: 92 Resp: 349257

Ion Ratio Lower Upper

92 100

91 167.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

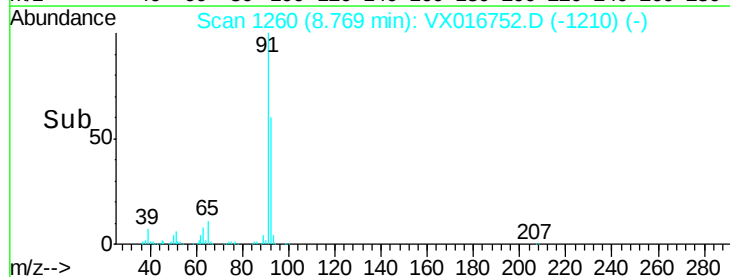
300000

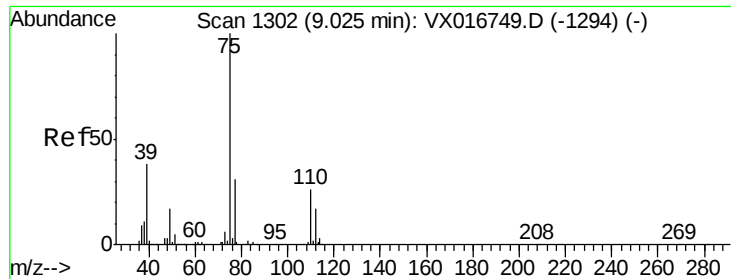
200000

100000

0

Time--> 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 50.527 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 75 Resp: 226811

Ion Ratio Lower Upper

75 100

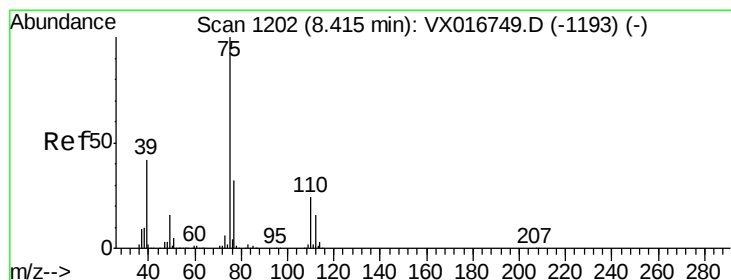
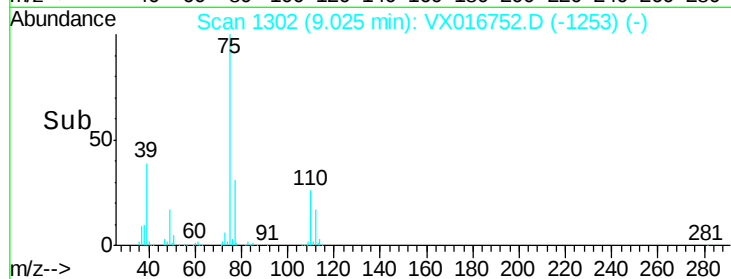
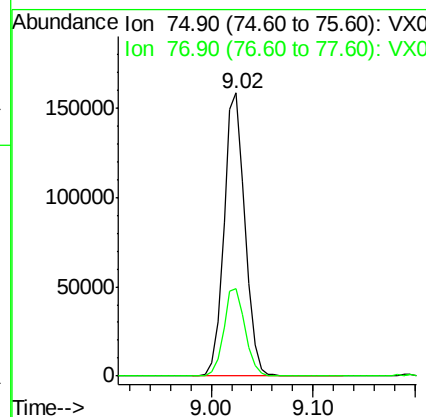
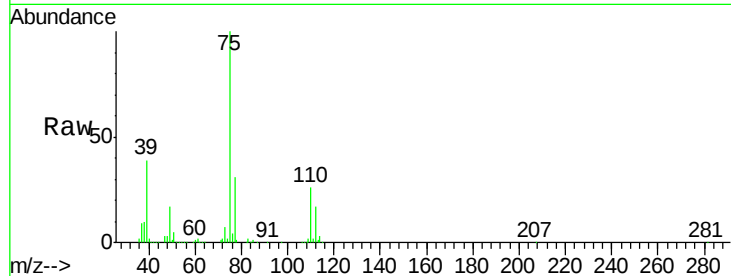
77 31.1 24.7 37.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.642 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

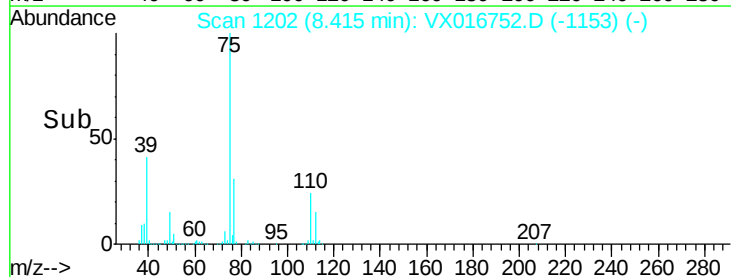
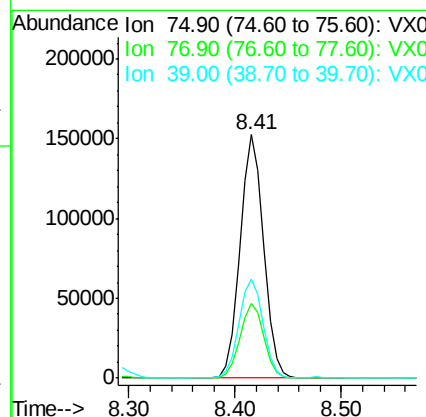
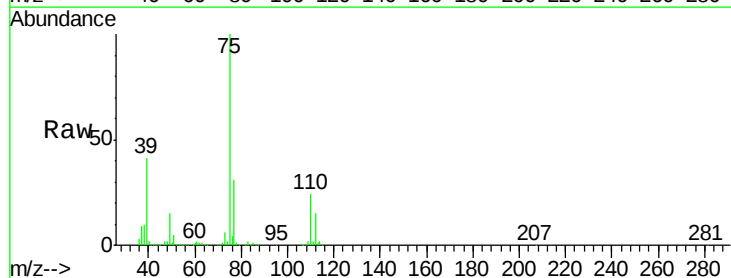
Tgt Ion: 75 Resp: 237122

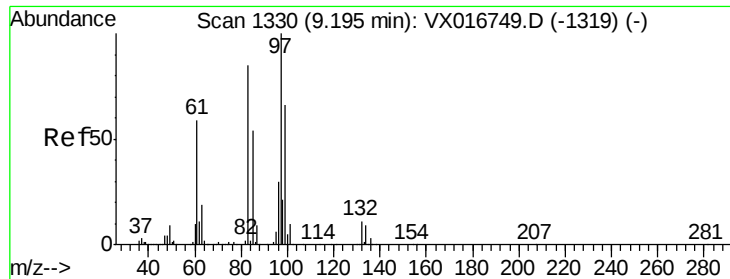
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 40.8 33.7 50.5





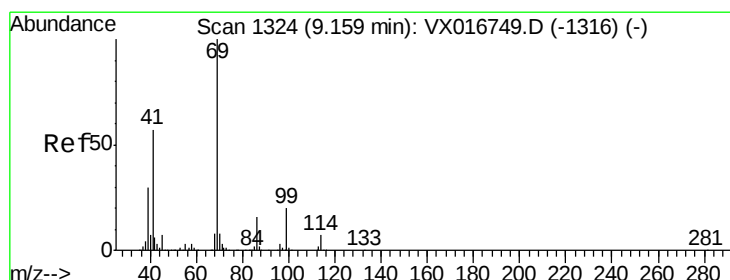
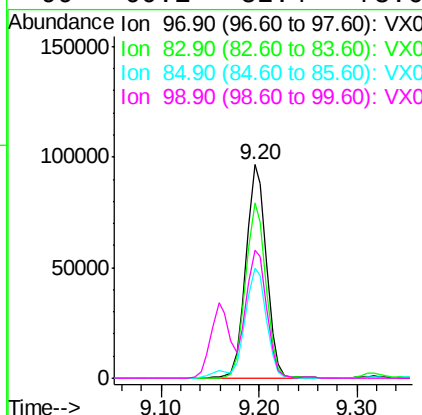
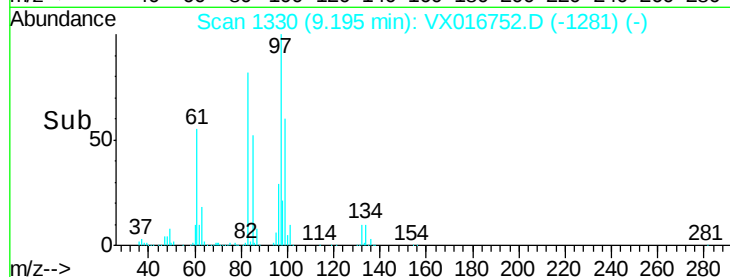
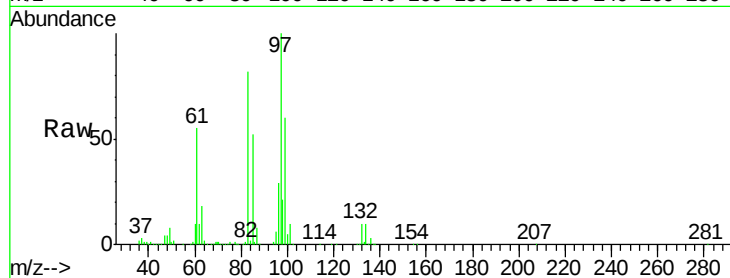
#55
 1,1,2-Trichloroethane
 Concen: 50.597 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		141023		
83	82.0	68.3	102.5		
85	51.7	43.5	65.3		
99	60.1	52.4	78.6		

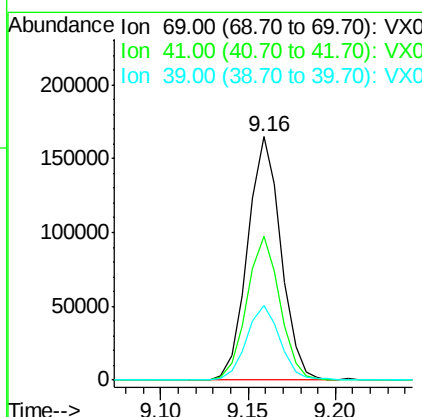
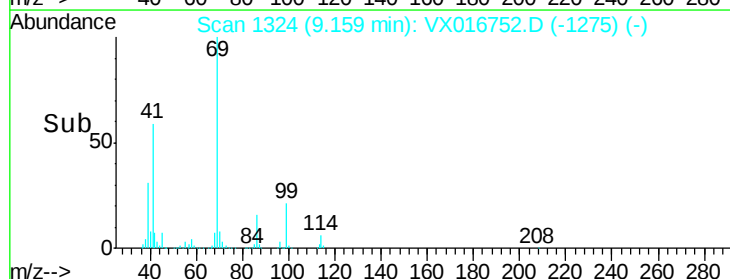
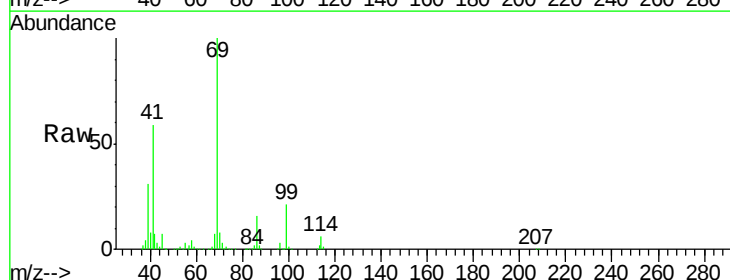
Manual Integrations
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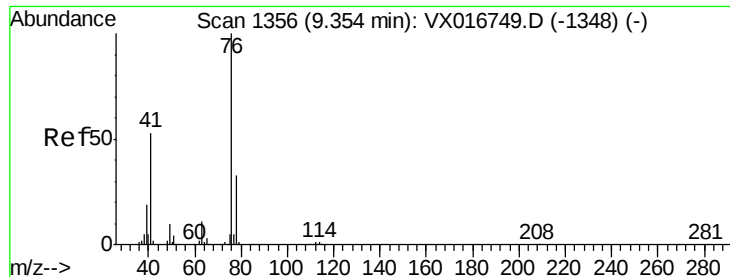
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#56
 Ethyl methacrylate
 Concen: 52.323 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		218346		
41	58.8	47.1	70.7		
39	31.1	25.0	37.6		





#57

1,3-Dichloropropane

Concen: 49.421 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 76 Resp: 231548

Ion Ratio Lower Upper

76 100

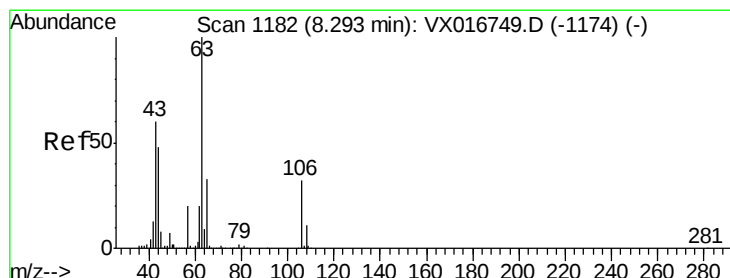
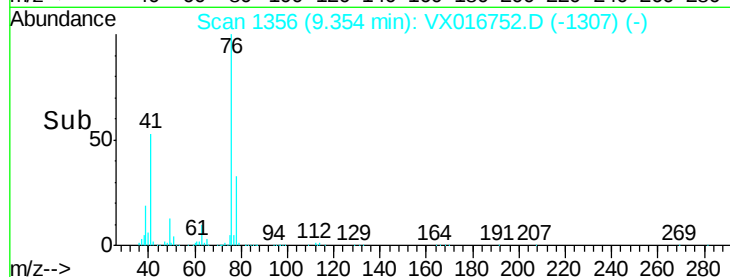
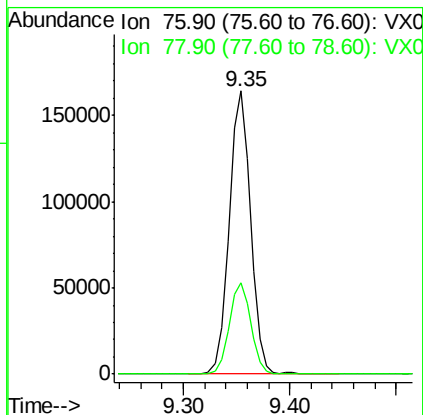
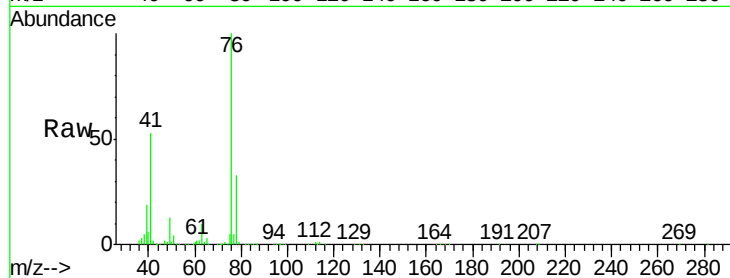
78 32.6 25.7 38.5

Manual Integrations

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6/16/2020 3:23:17 PM



#58

2-Chloroethyl Vinyl ether

Concen: 265.868 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016752.D

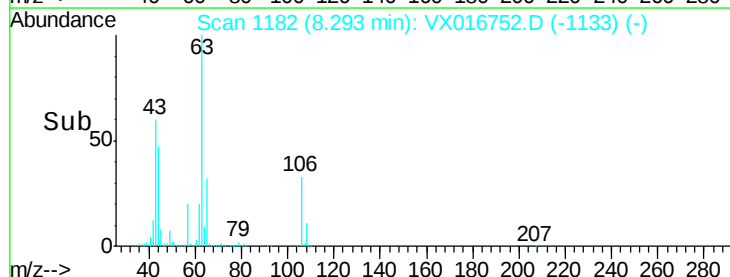
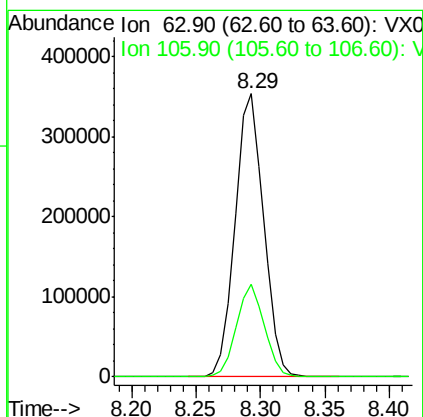
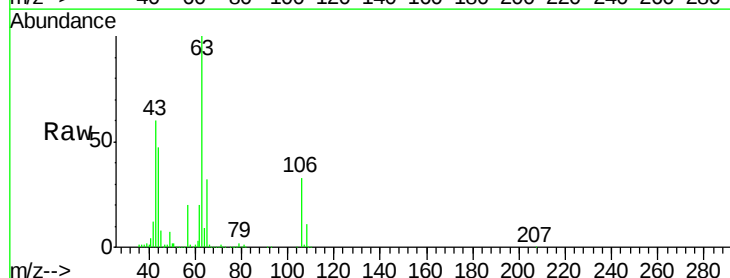
Acq: 15 Jun 2020 14:05

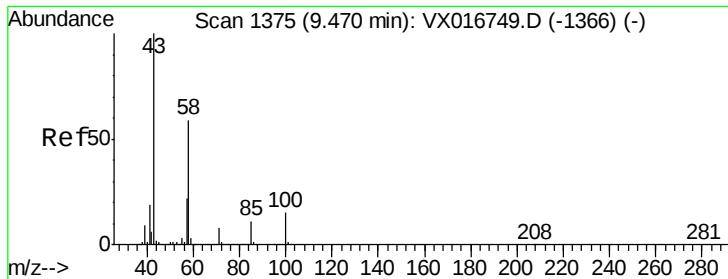
Tgt Ion: 63 Resp: 545523

Ion Ratio Lower Upper

63 100

106 32.0 25.5 38.3





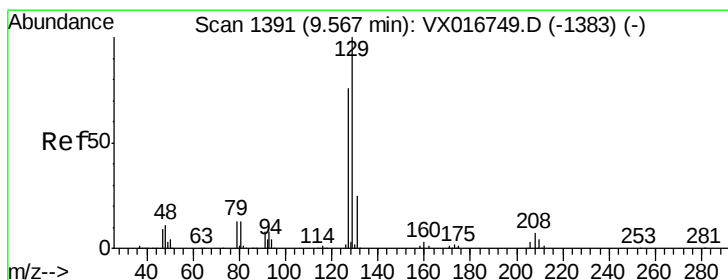
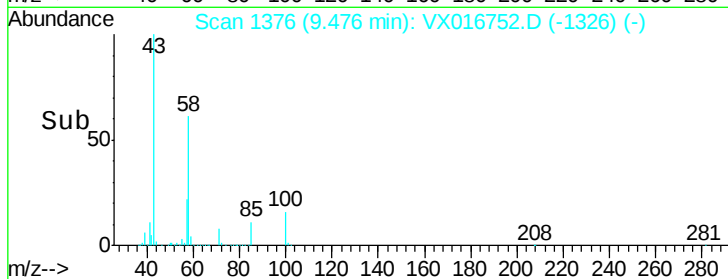
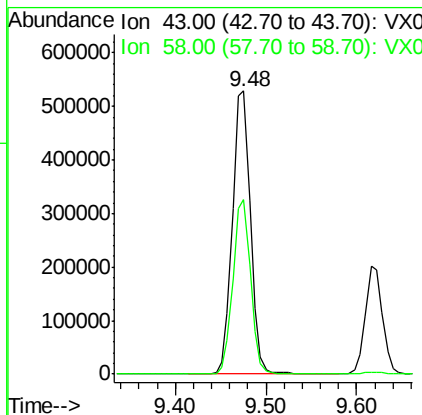
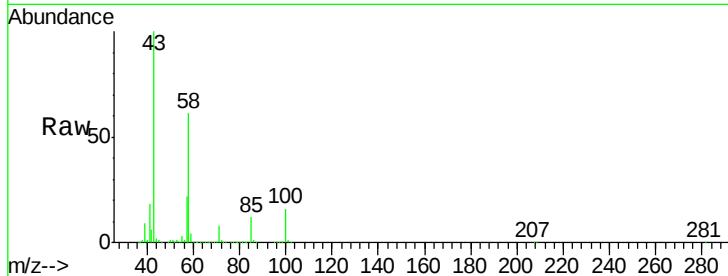
#59
2-Hexanone
Concen: 255.900 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion: 43 Resp: 732179
Ion Ratio Lower Upper
43 100
58 60.6 29.9 89.8

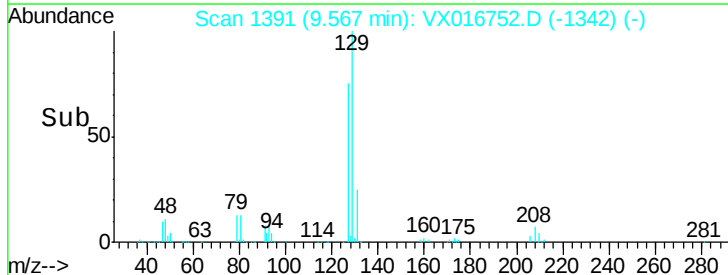
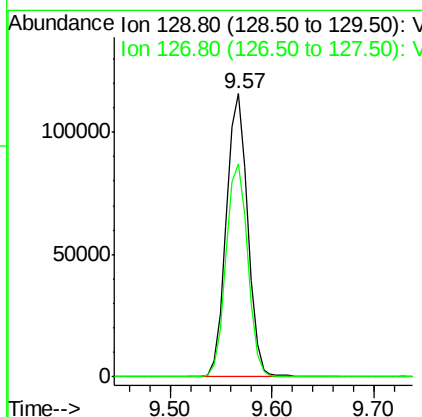
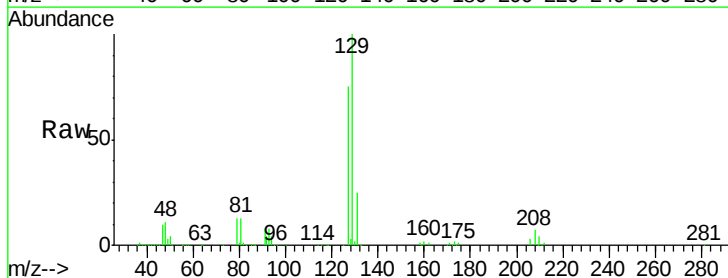
Manual Integrations
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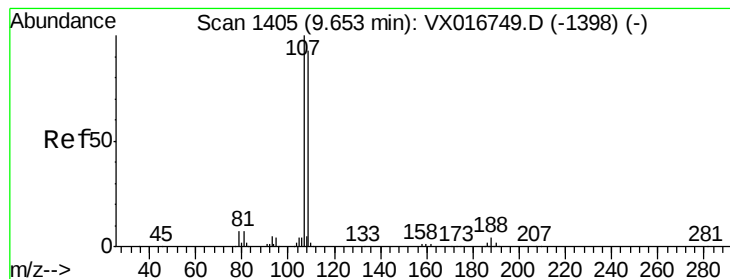
MMDadoda
6/16/2020 3:23:17 PM



#60
Dibromochloromethane
Concen: 50.751 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion: 129 Resp: 167178
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.503 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 107 Resp: 153408

Ion Ratio Lower Upper

107 100

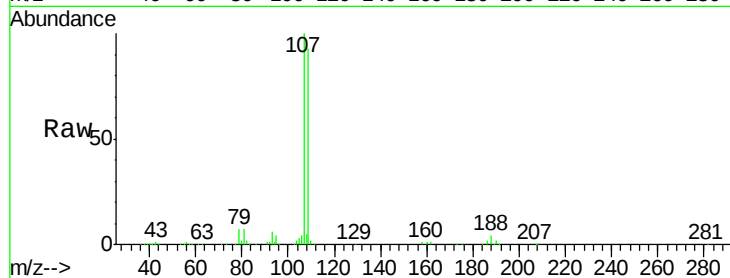
109 93.5 74.2 111.4

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

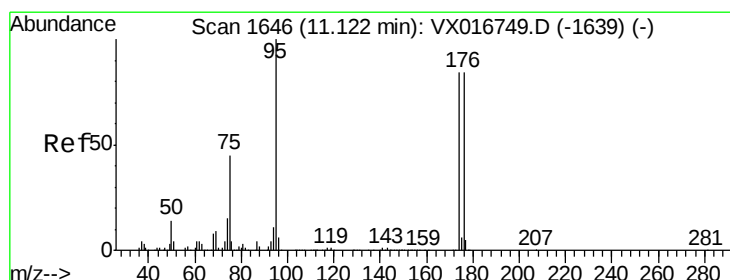
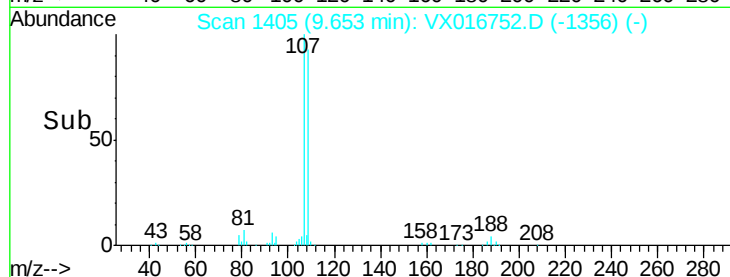
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.290 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

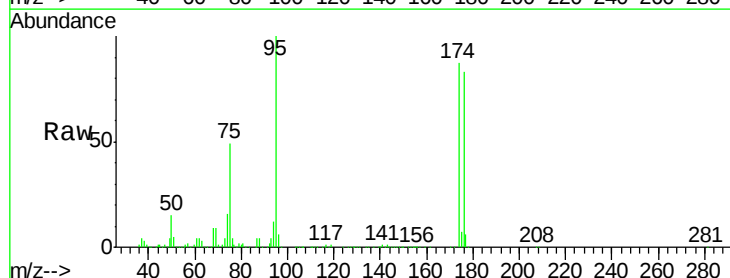
Tgt Ion: 95 Resp: 180438

Ion Ratio Lower Upper

95 100

174 86.0 0.0 171.0

176 84.2 0.0 166.2



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

200000

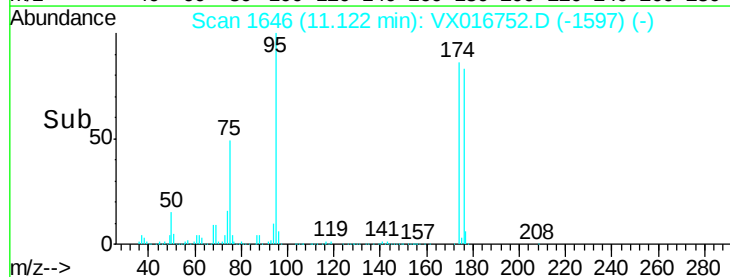
150000

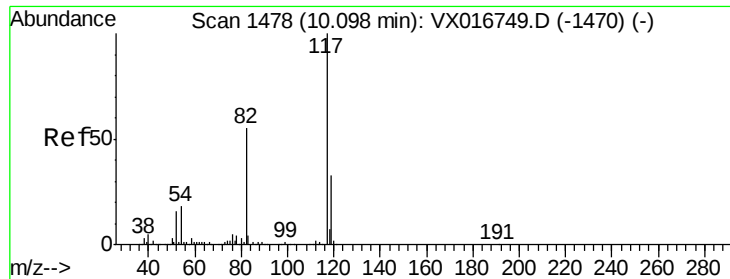
100000

50000

0

Time--> 11.10 11.12 11.20





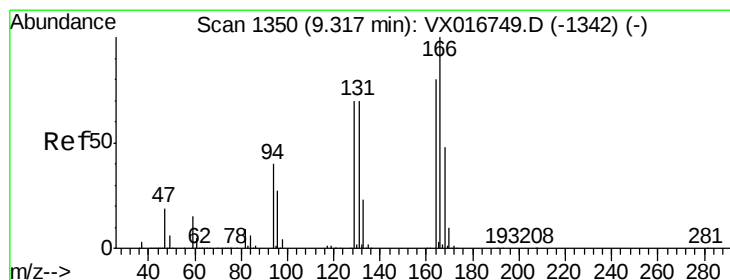
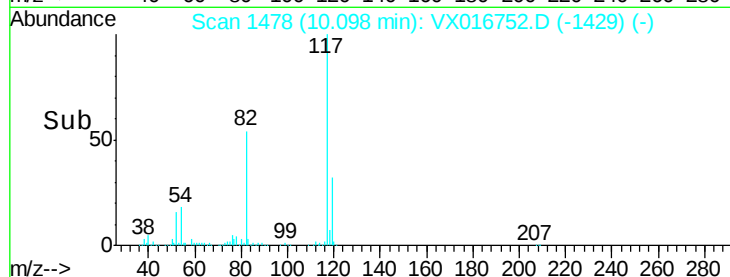
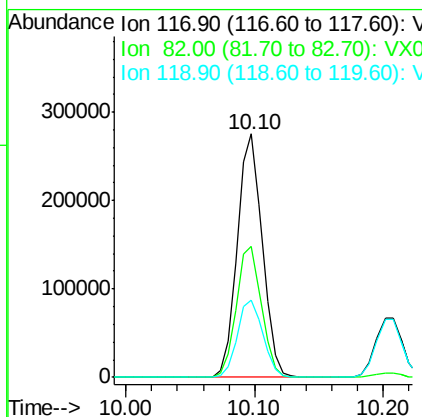
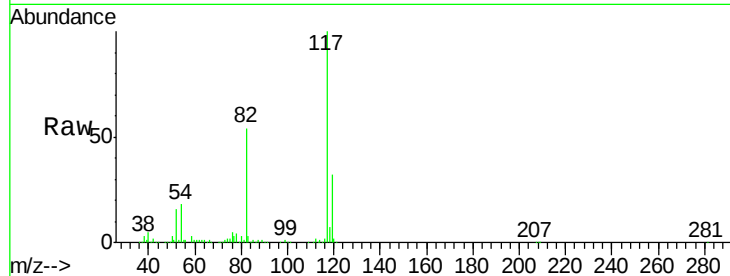
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.6
119	31.7	26.2	39.4

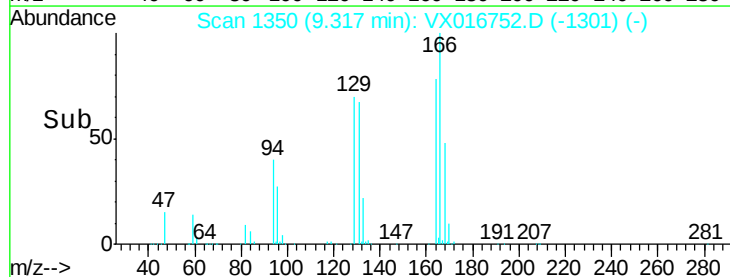
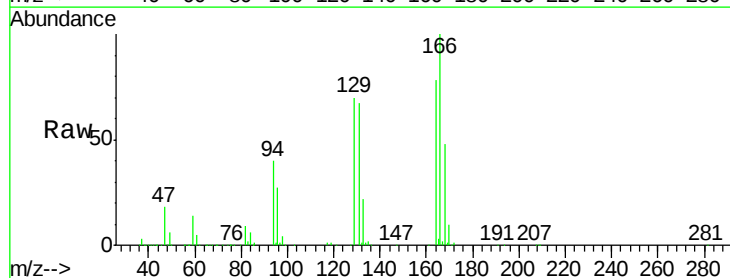
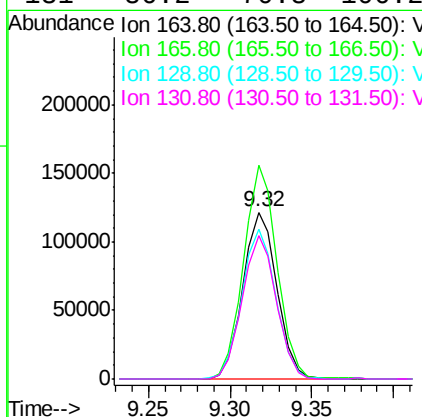
Manual Integrations
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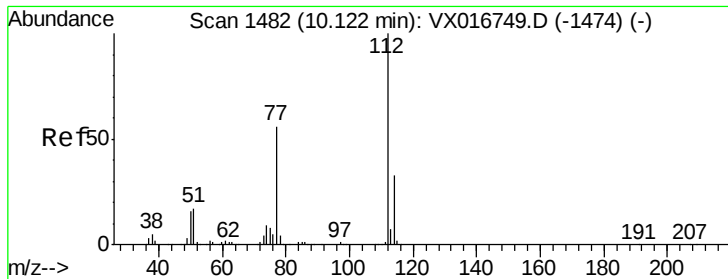
MMDadoda
6/16/2020 3:23:17 PM



#64
Tetrachloroethene
Concen: 49.702 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.6	150.8
129	90.0	70.1	105.1
131	86.2	70.8	106.2





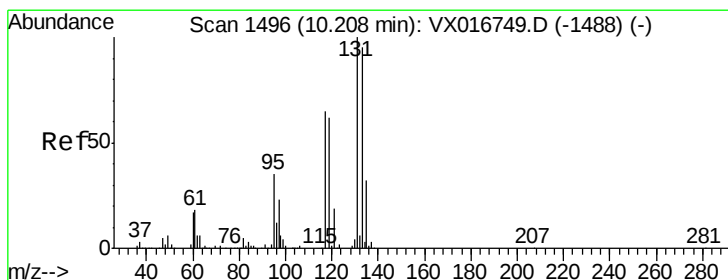
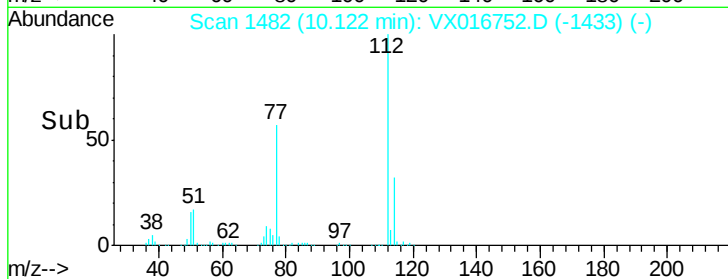
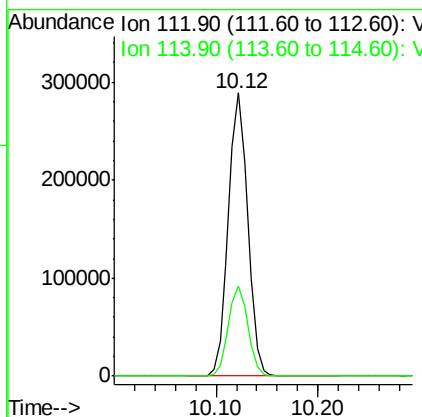
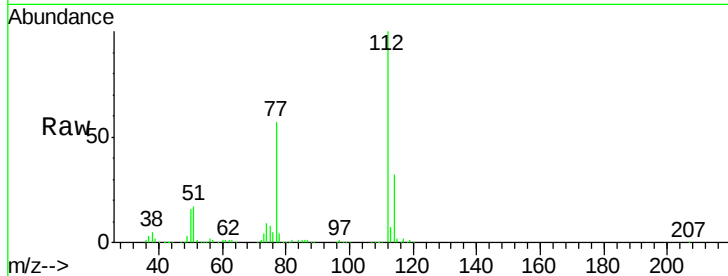
#65
Chlorobenzene
Concen: 50.405 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.4

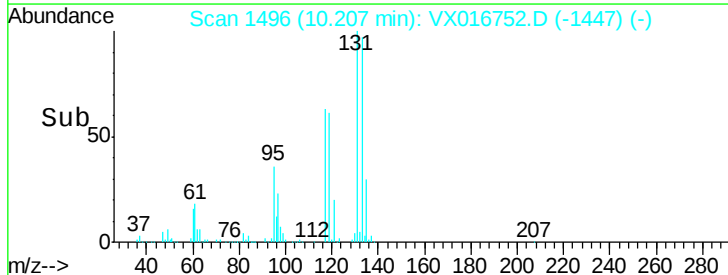
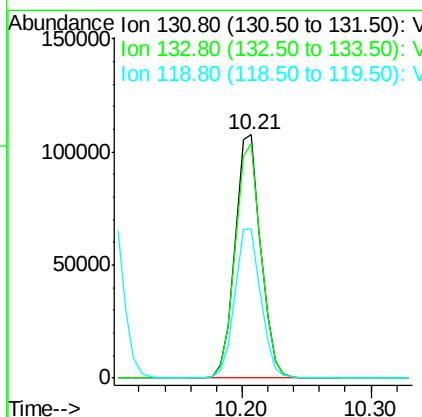
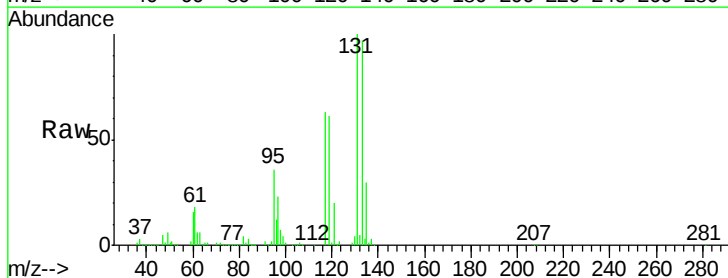
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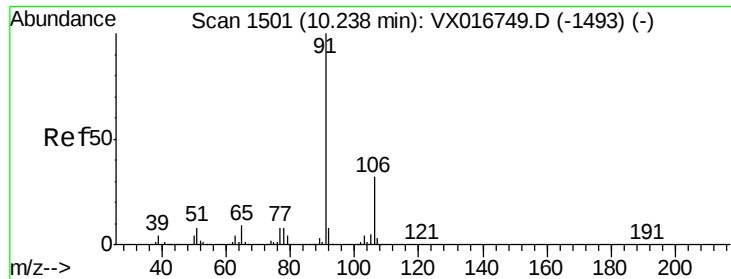
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.836 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	46.8	140.3
119	62.7	31.4	94.0





#67

Ethyl Benzene

Concen: 51.809 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 91 Resp: 659385

Ion Ratio Lower Upper

91 100

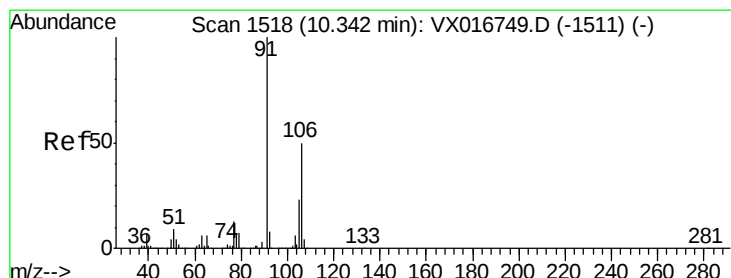
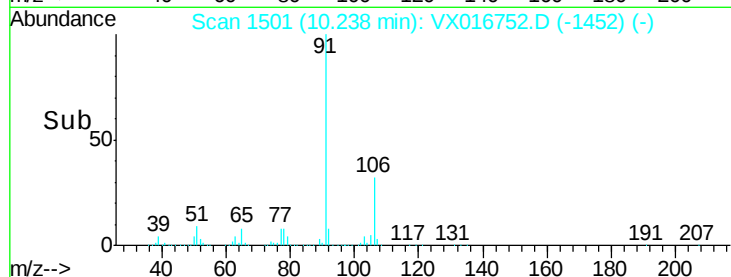
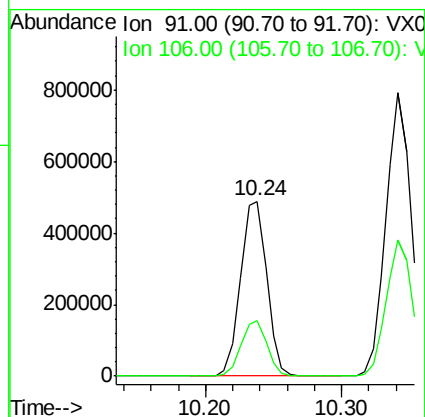
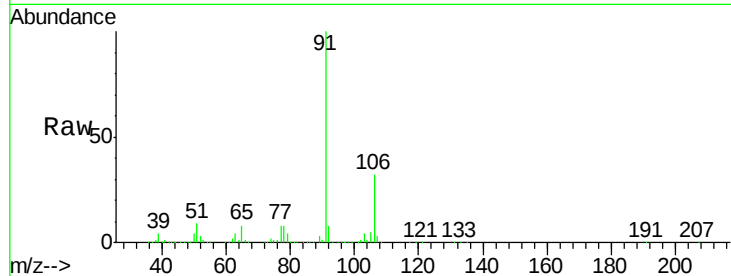
106 31.5 25.3 37.9

Manual Integrations

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6/16/2020 3:23:17 PM



#68

m/p-Xylenes

Concen: 105.154 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016752.D

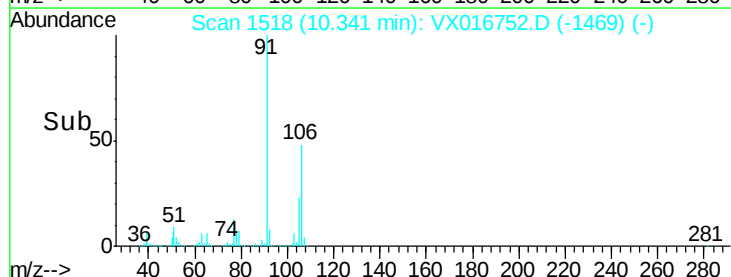
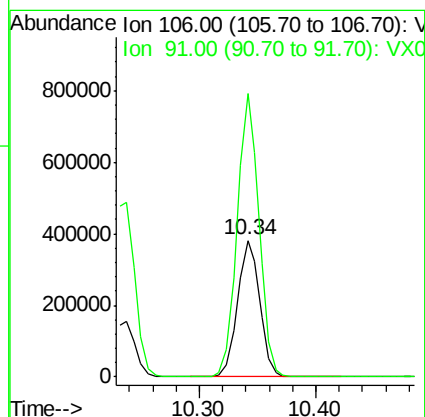
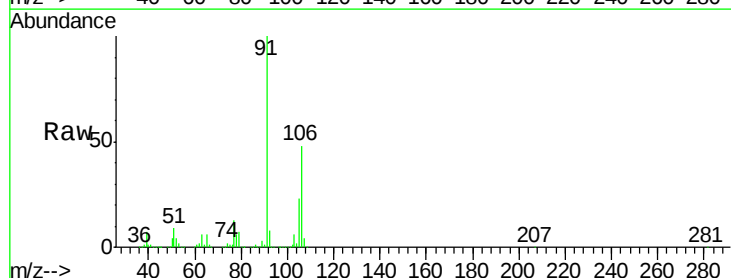
Acq: 15 Jun 2020 14:05

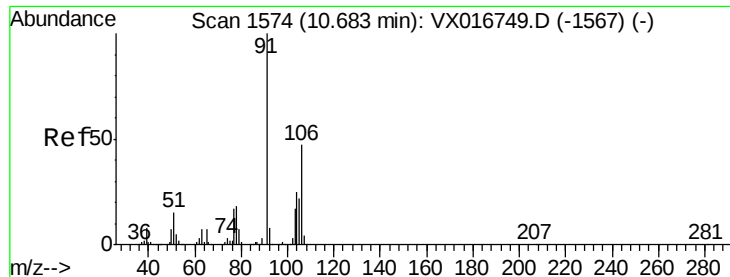
Tgt Ion: 106 Resp: 507431

Ion Ratio Lower Upper

106 100

91 202.9 161.2 241.8





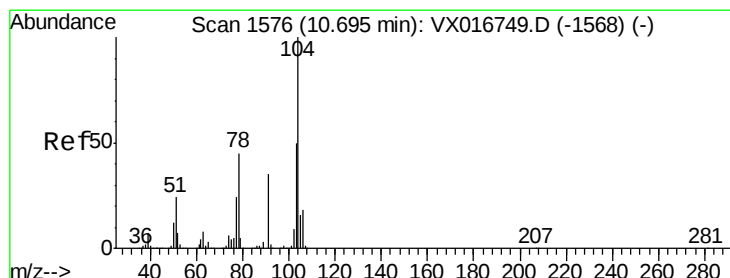
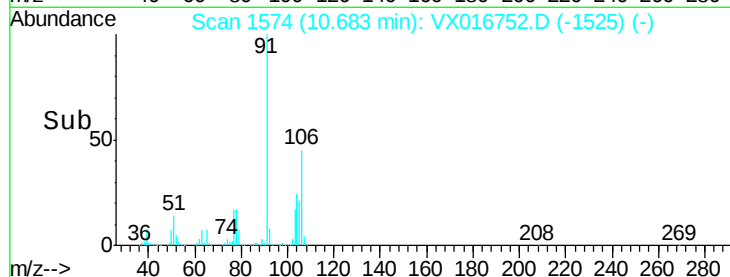
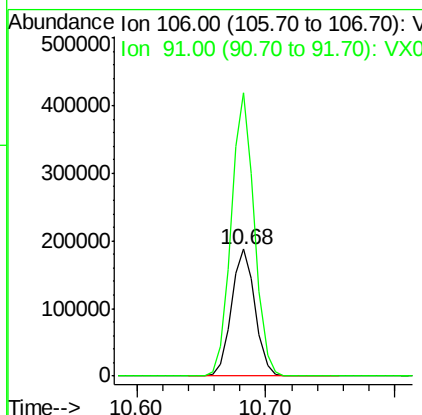
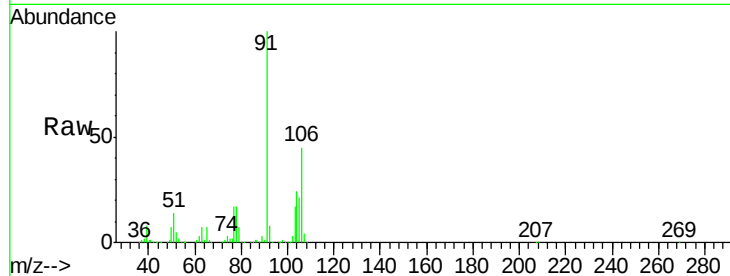
#69
o-Xylene
Concen: 51.610 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		239930		
91	218.2	106.9	320.8		

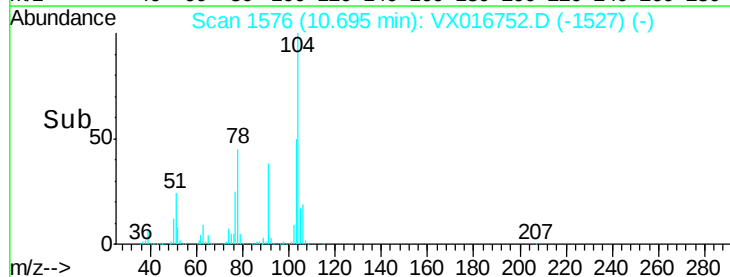
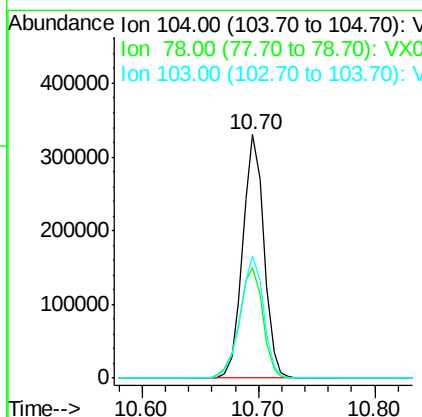
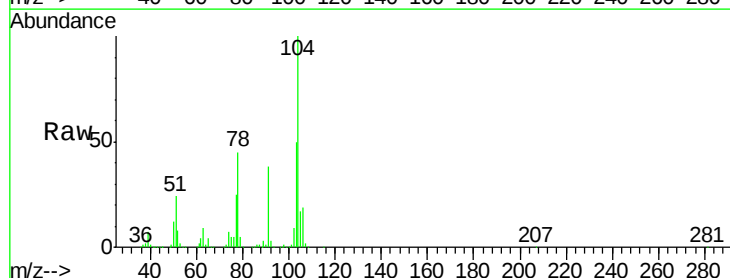
Manual Integrations
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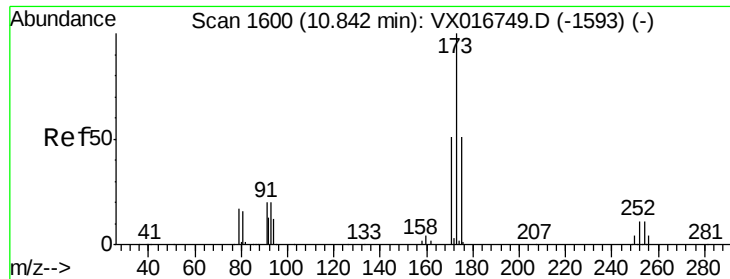
MMDadoda
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#70
Styrene
Concen: 52.543 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		422270		
78	50.3	39.8	59.8		
103	54.6	43.4	65.2		





#71

Bromoform

Concen: 49.866 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion:173 Resp: 127782

Ion Ratio Lower Upper

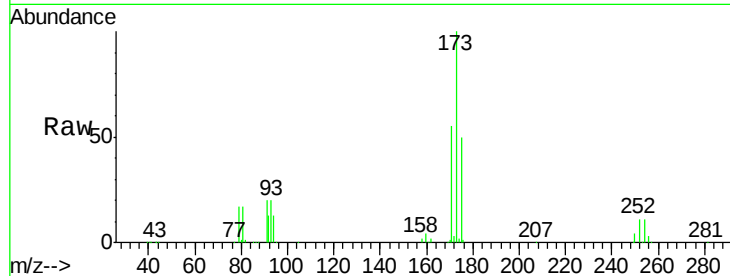
173 100

175 49.3 25.1 75.4

254 0.0 0.1 0.1#

Manual Integrations
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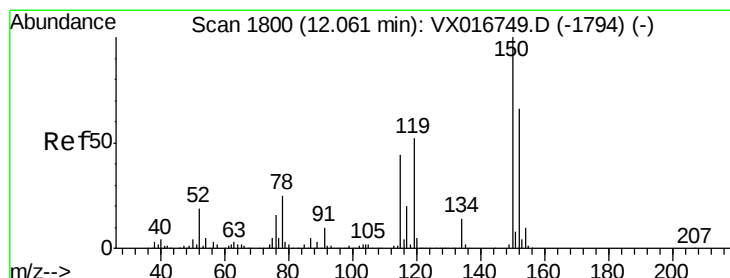
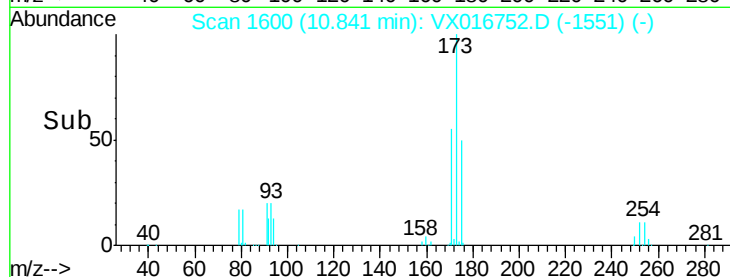
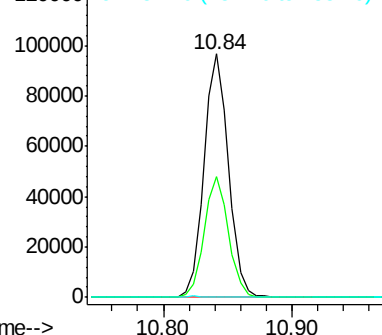
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX016752.D

Acq: 15 Jun 2020 14:05

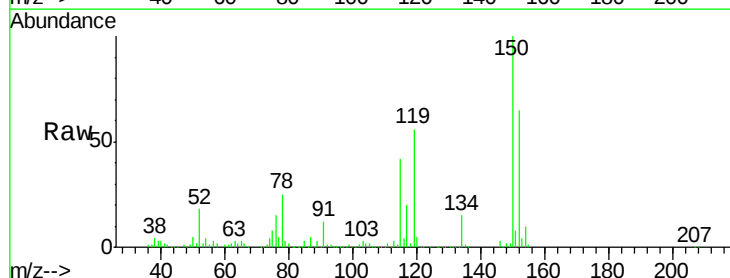
Tgt Ion:152 Resp: 189099

Ion Ratio Lower Upper

152 100

115 79.3 40.3 120.8

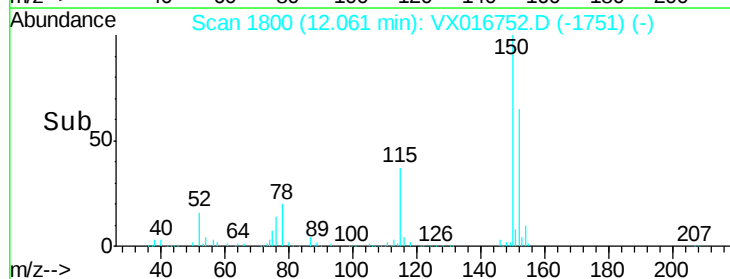
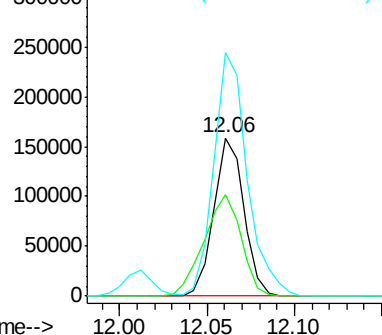
150 171.7 0.0 337.4

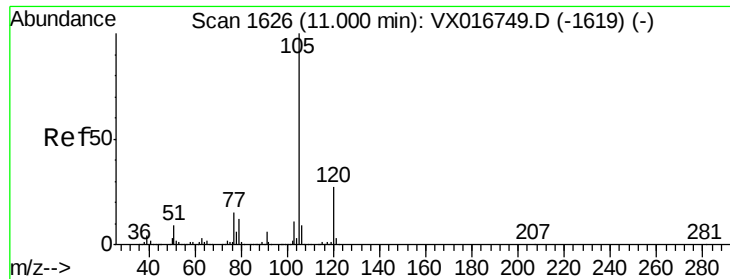


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.700 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061520

Tot Ion: 105 Resp: 653893

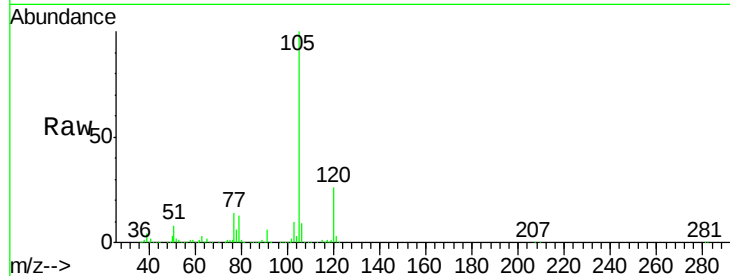
Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

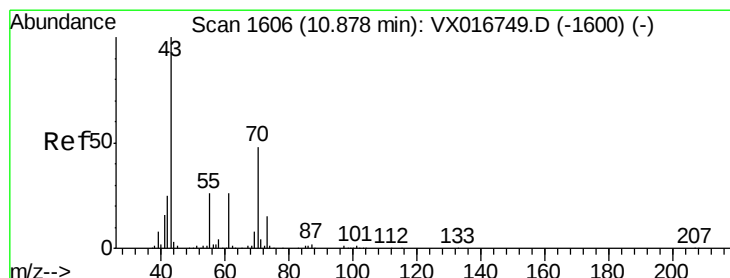
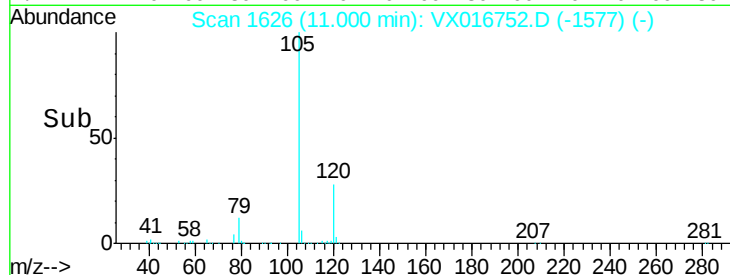
100000

0

11.00

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 52.658 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion: 43 Resp: 253945

Ion Ratio Lower Upper

43 100

70 49.0 39.8 59.6

55 25.8 21.7 32.5

61 27.3 21.6 32.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

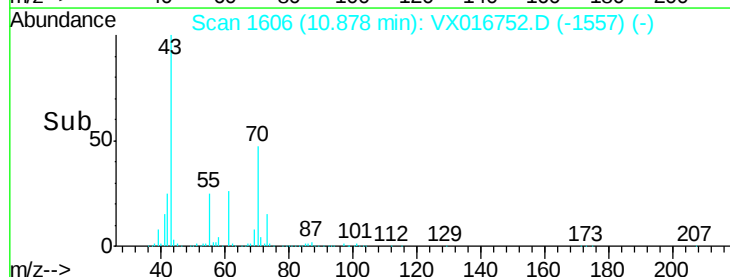
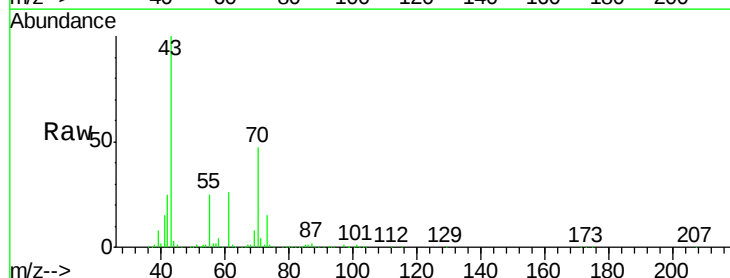
100000

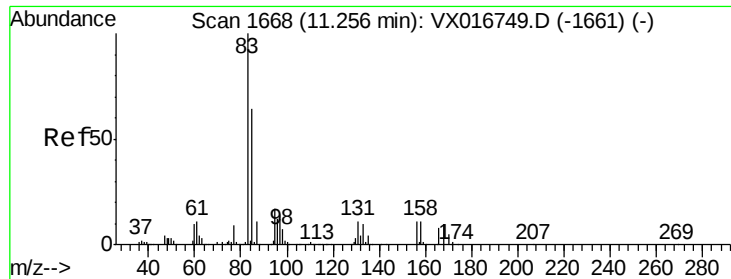
0

10.88

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.297 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

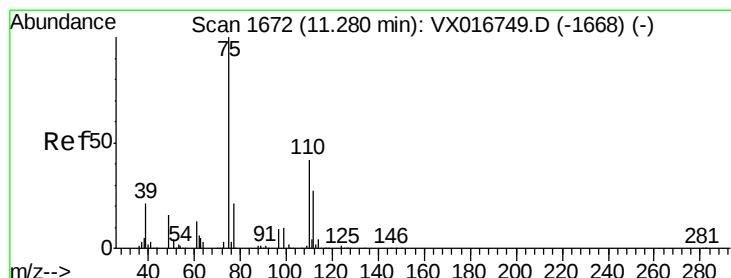
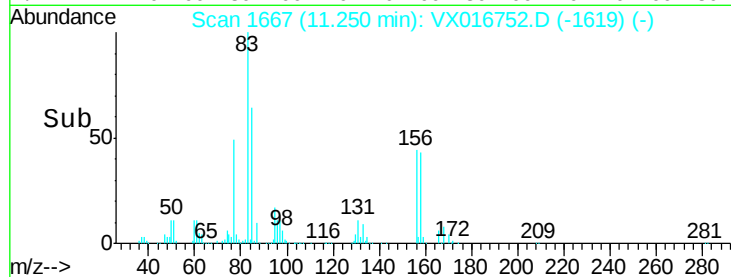
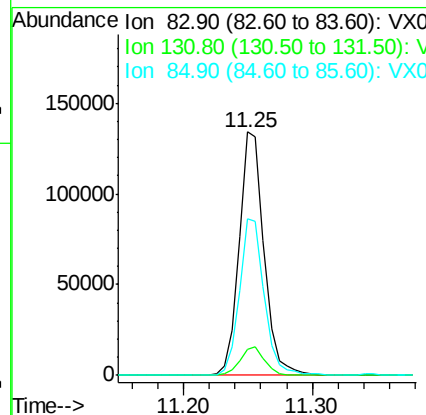
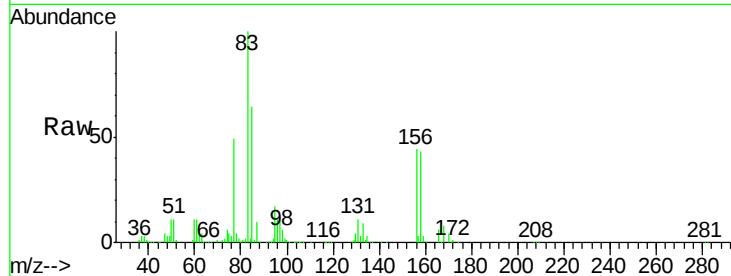
ClientSampleId :

ICVVX061520

Tot Ion	Ratio	Resp	Lower	Upper
83	100	179930		
131	11.4	5.7	17.0	
85	64.3	32.4	97.2	

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.018 ug/l m

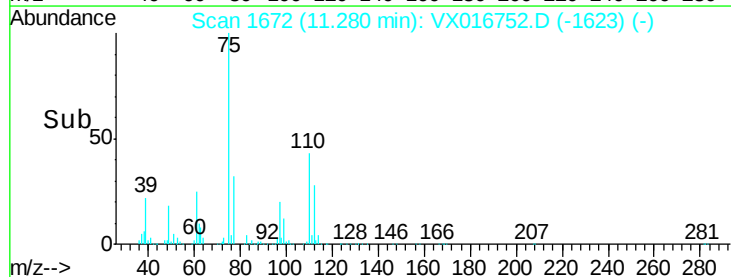
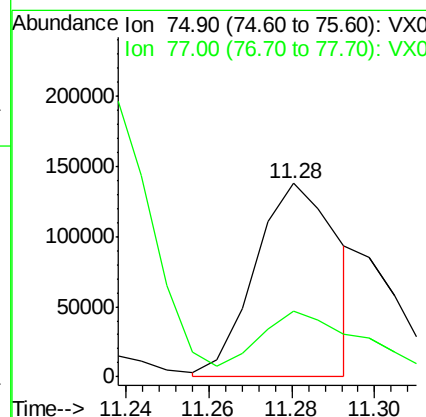
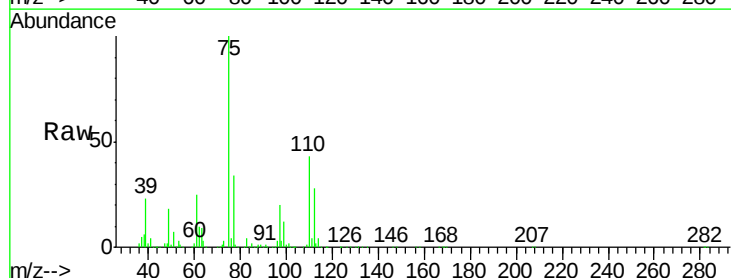
RT: 11.28 min Scan# 1672

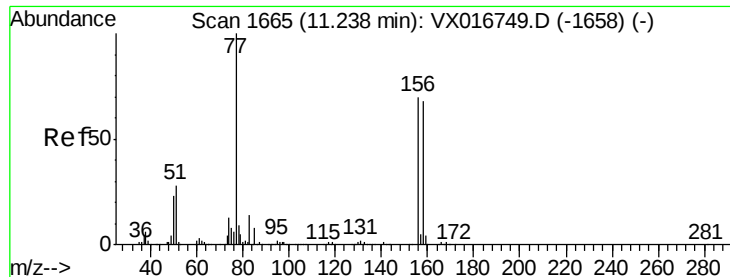
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	190950		
77	43.1	20.3	60.9	





#77

Bromobenzene

Concen: 48.664 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

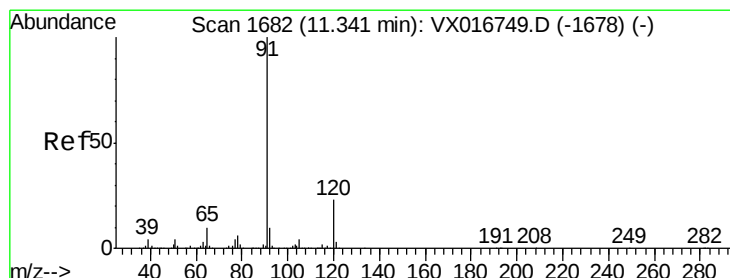
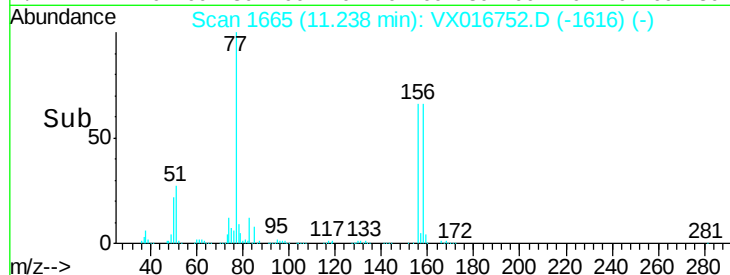
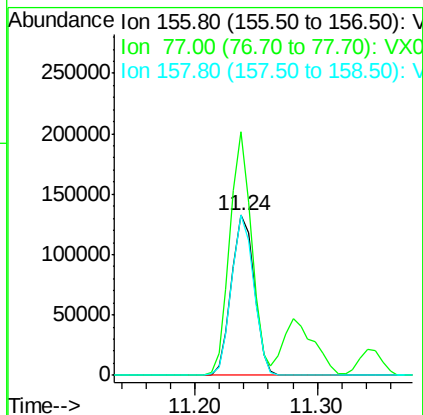
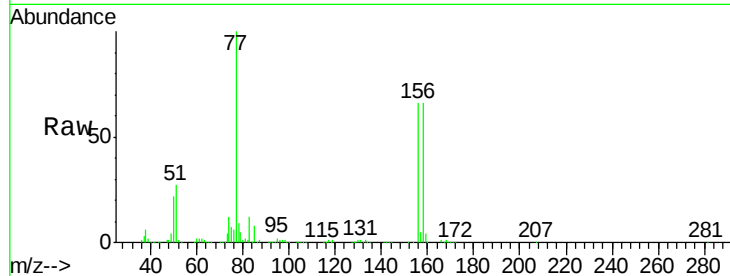
ClientSampleId :

ICVVX061520

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.2	73.2	219.6
158	97.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 52.877 ug/l

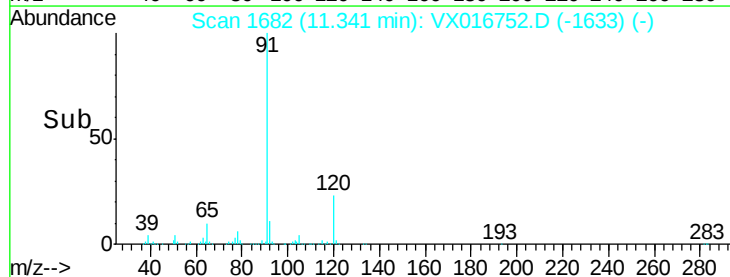
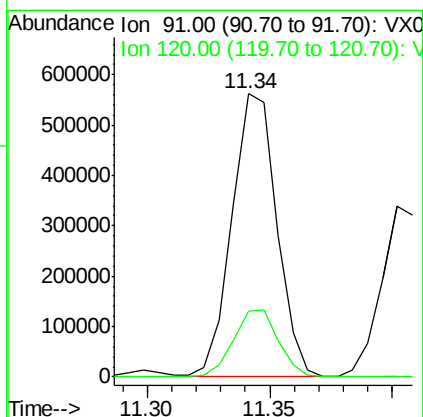
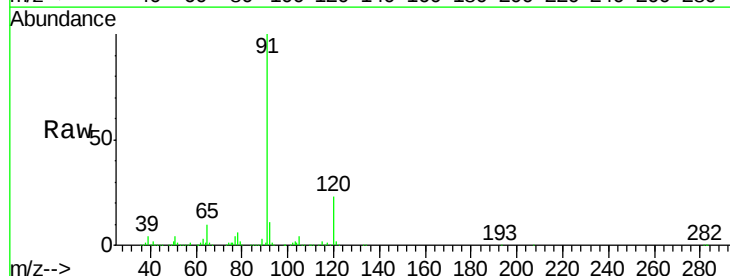
RT: 11.34 min Scan# 1682

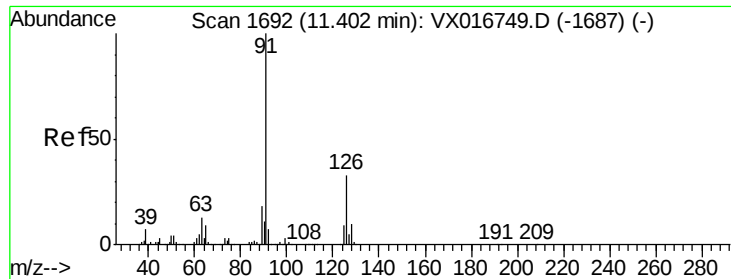
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.0	36.0





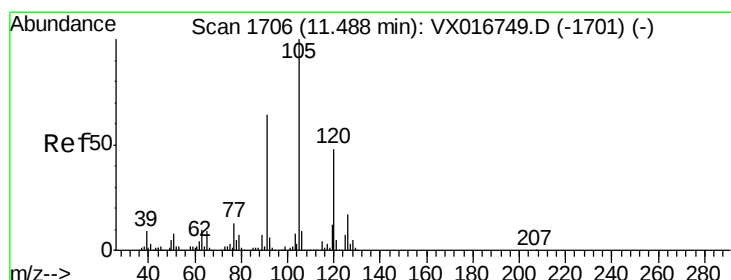
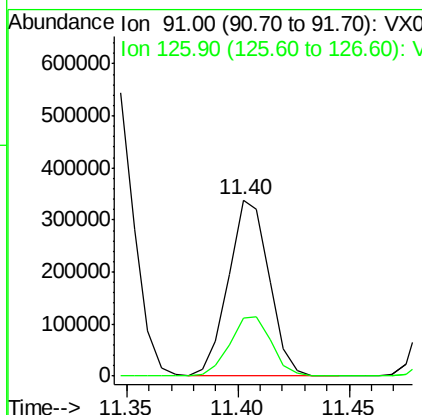
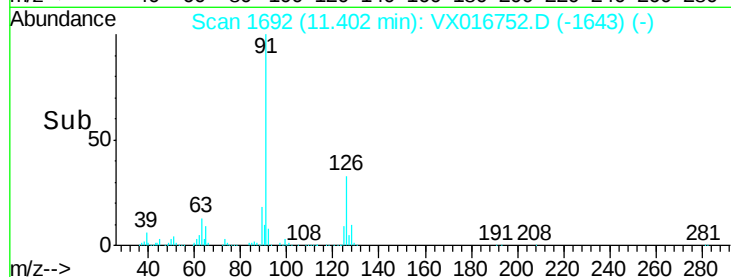
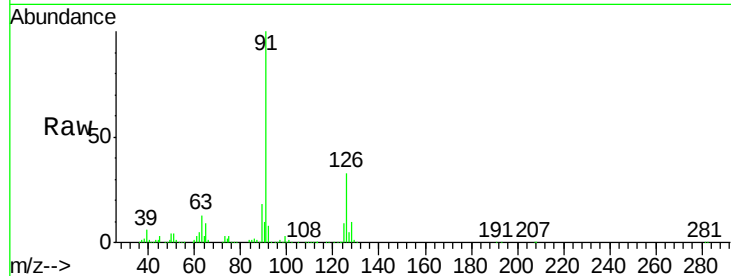
#79
2-Chlorotoluene
Concen: 50.525 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion: 91 Resp: 430513
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5

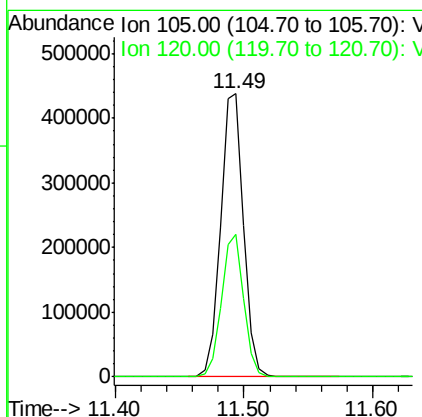
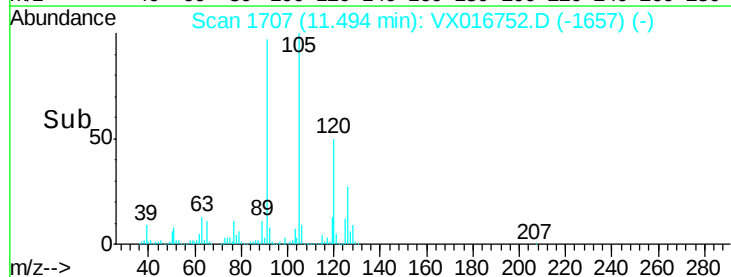
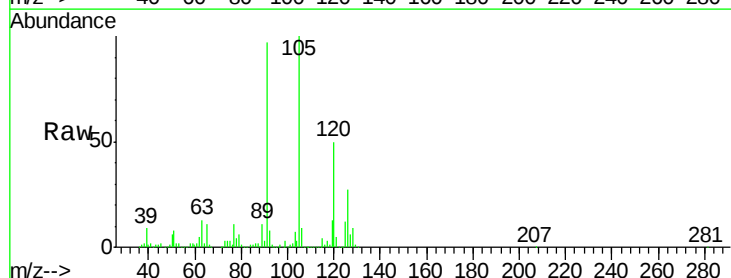
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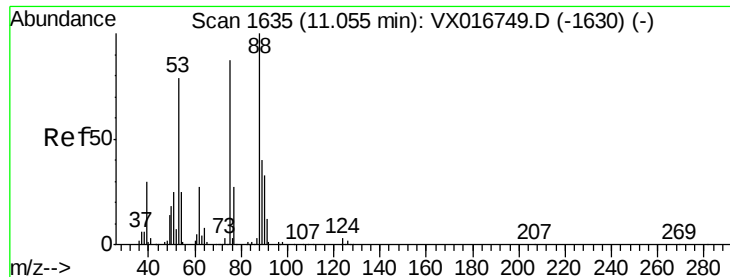
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 52.489 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion: 105 Resp: 545957
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.195 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

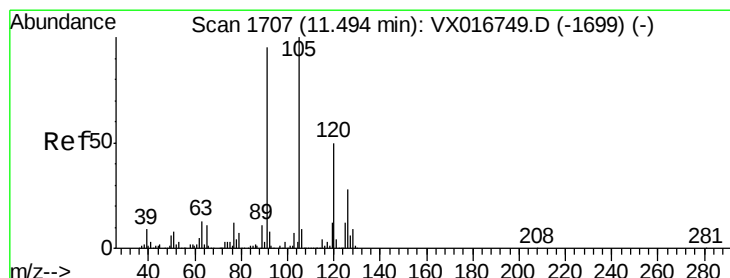
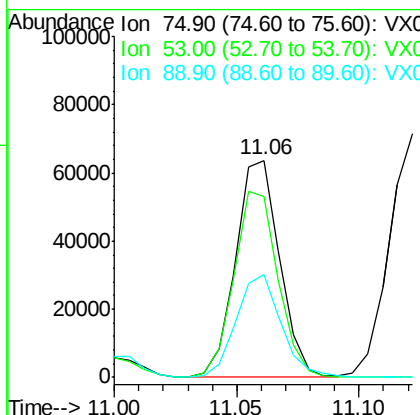
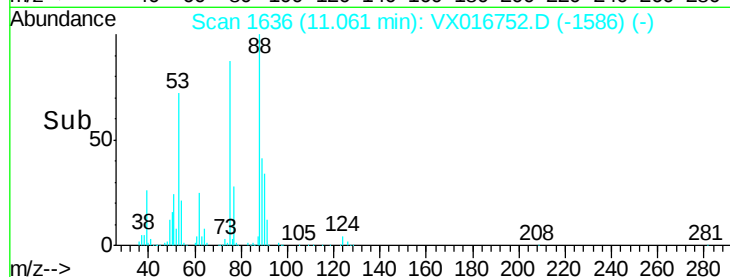
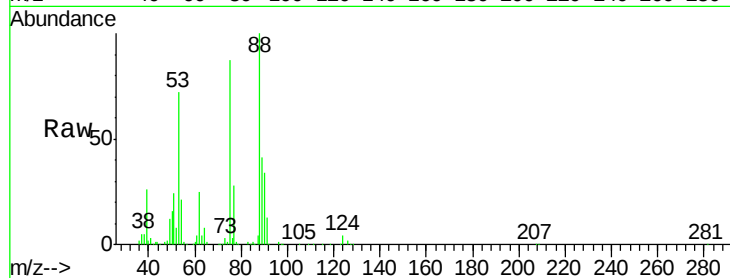
ClientSampleId :

ICVVX061520

Tot Ion:	75	Resp:	79290
Ion	Ratio	Lower	Upper
75	100		
53	86.3	71.4	107.0
89	48.7	39.1	58.7

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#82

4-Chlorotoluene

Concen: 51.226 ug/l

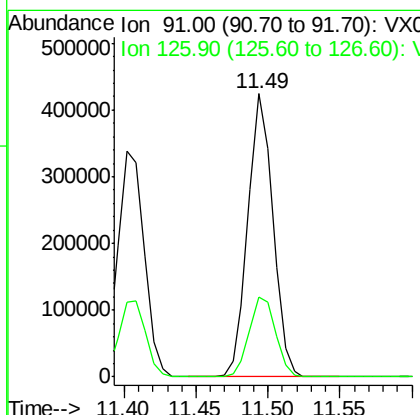
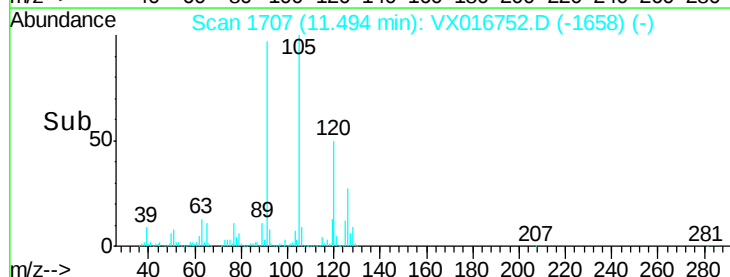
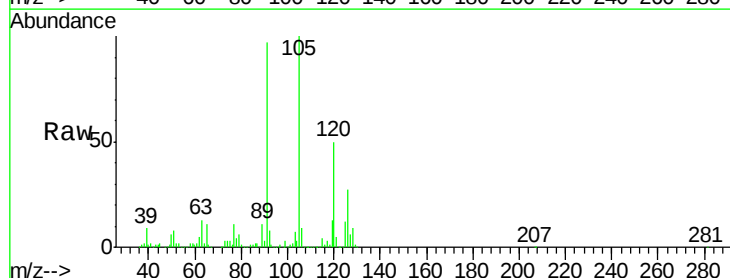
RT: 11.49 min Scan# 1707

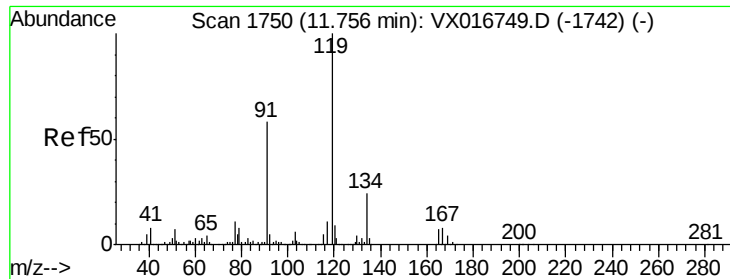
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion:	91	Resp:	510919
Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.2	45.6





#83

tert-Butylbenzene

Concen: 52.409 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

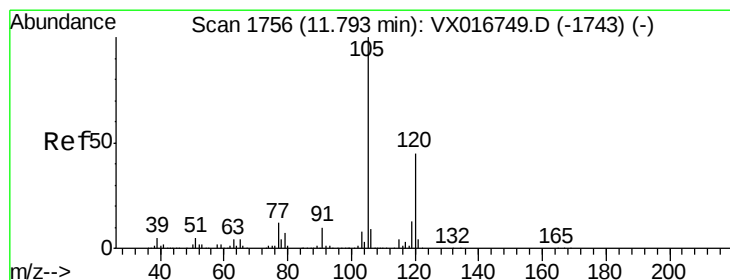
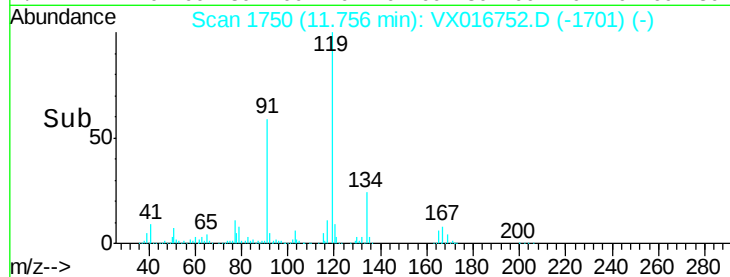
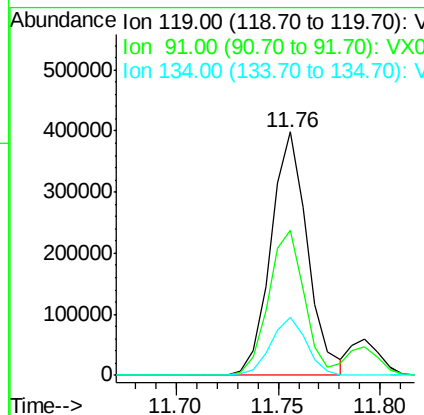
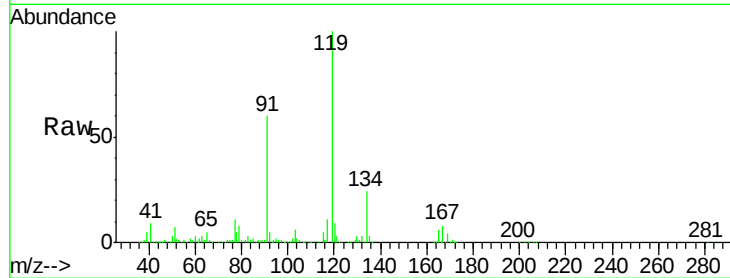
ClientSampleId :

ICVX061520

Tot Ion:	119	Resp:	498797
Ion Ratio		Lower	Upper
119	100		
91	58.0	29.3	88.0
134	23.2	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.253 ug/l

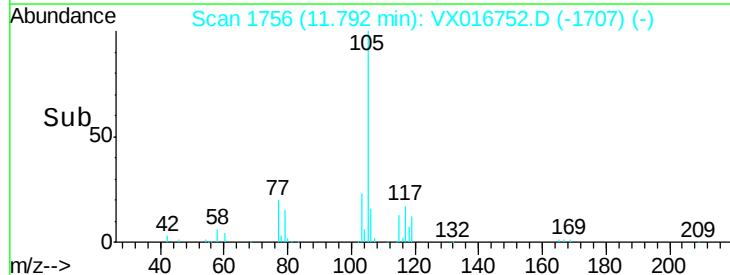
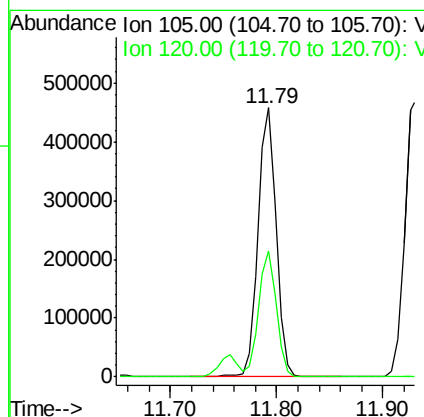
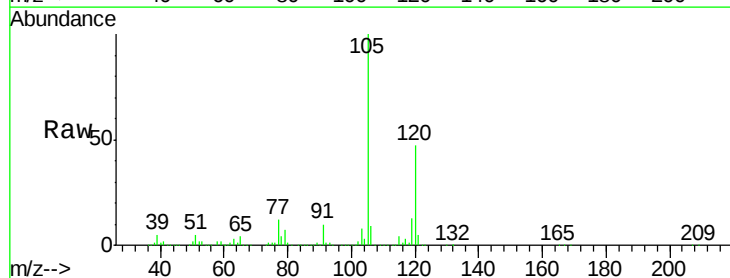
RT: 11.79 min Scan# 1756

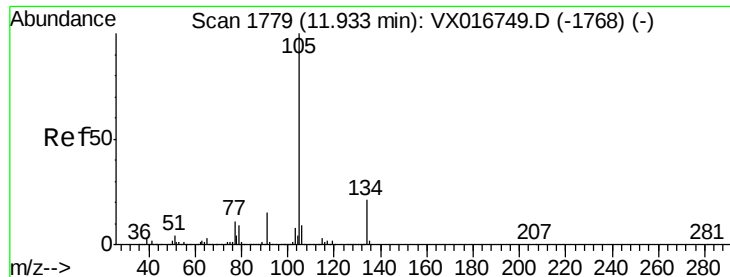
Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion:	105	Resp:	549808
Ion Ratio		Lower	Upper
105	100		
120	45.8	22.6	67.8





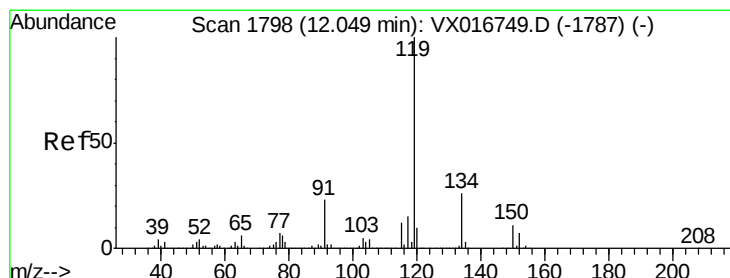
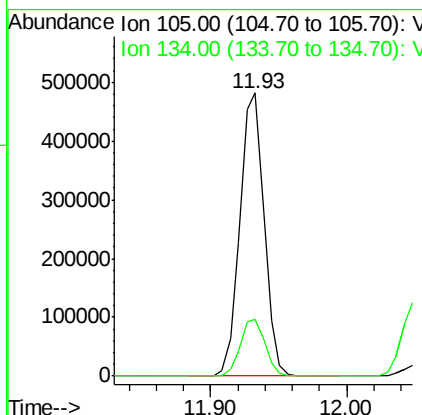
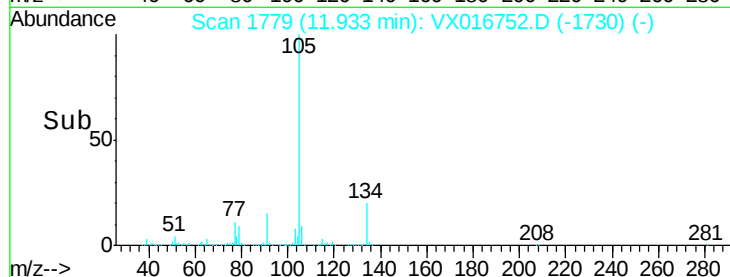
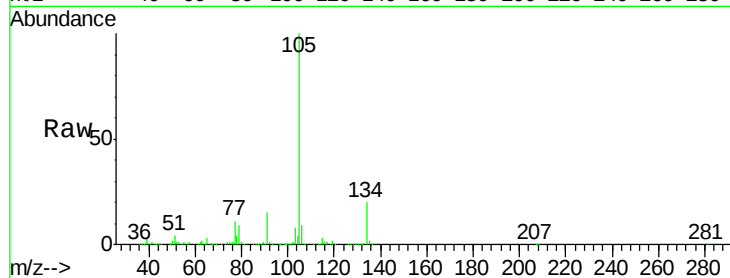
#85
 sec-Butylbenzene
 Concen: 53.542 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX061520

Tot Ion	Ratio	Resp	Lower	Upper
105	100	596064		
134	20.5	10.3	30.8	

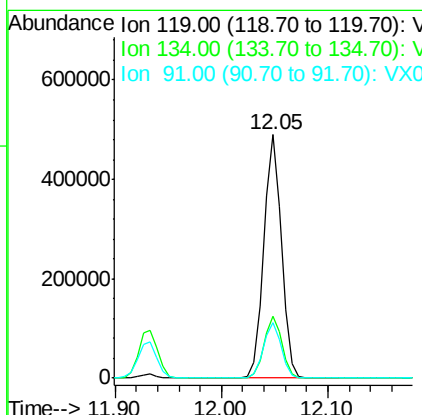
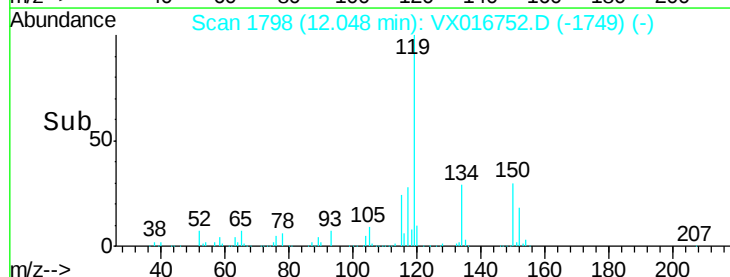
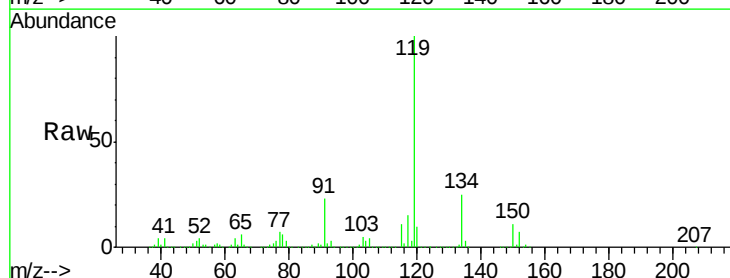
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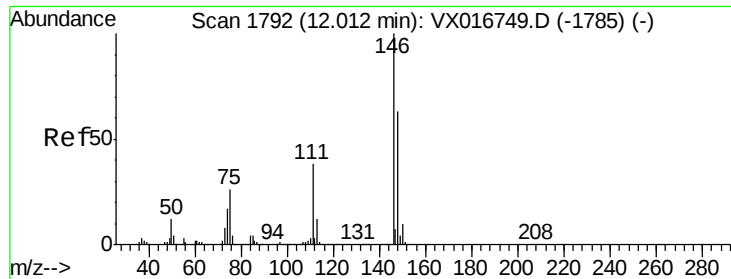
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#86
 p-Isopropyltoluene
 Concen: 53.472 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	571171		
134	25.6	13.0	38.9	
91	22.9	11.6	34.7	





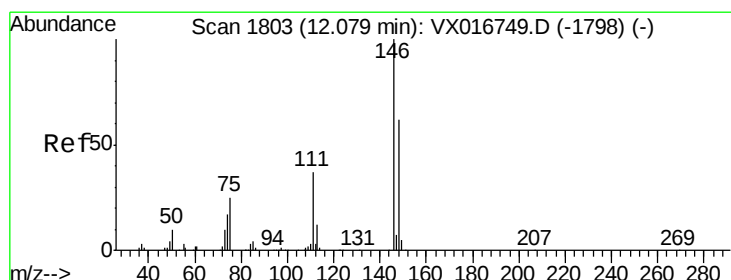
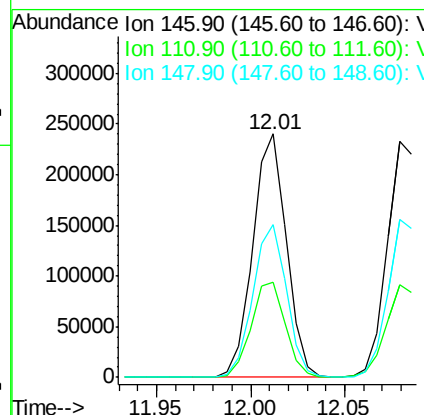
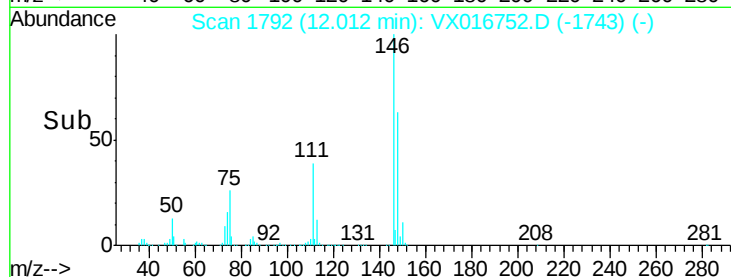
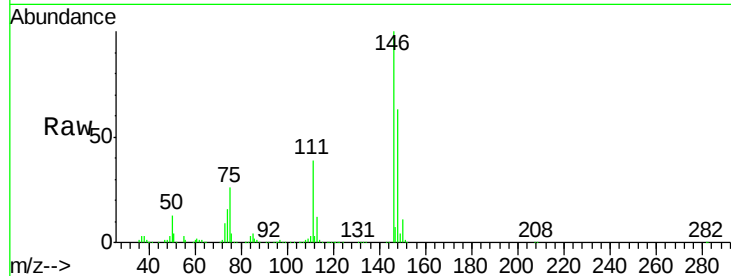
#87
 1,3-Dichlorobenzene
 Concen: 50.045 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.3
148	63.0	31.9	95.7

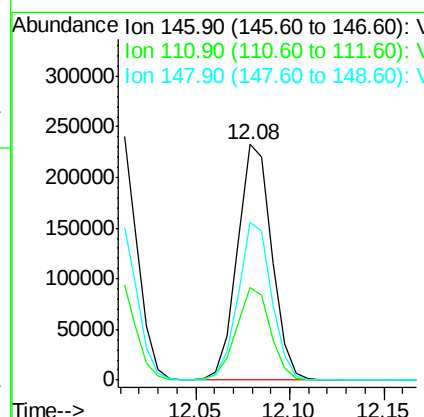
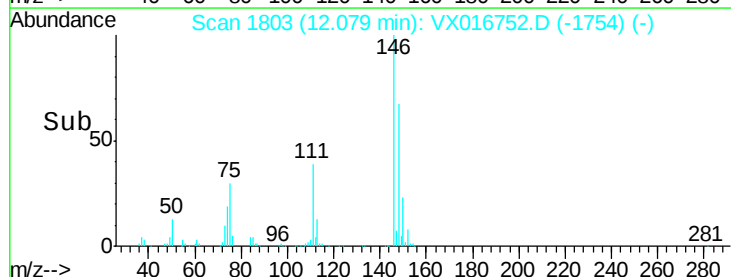
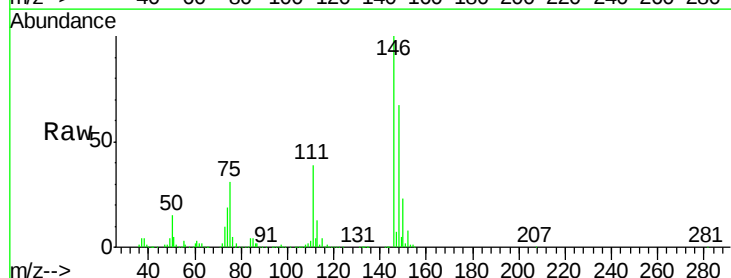
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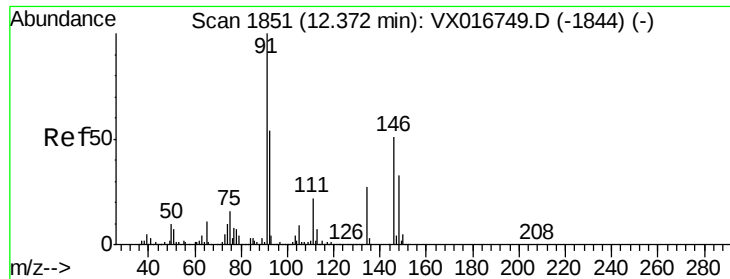
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#88
 1,4-Dichlorobenzene
 Concen: 47.723 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.8
148	65.5	32.1	96.5





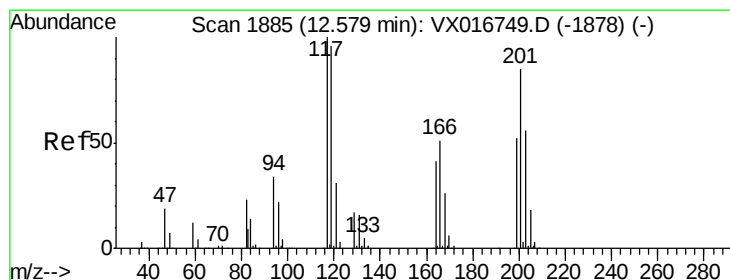
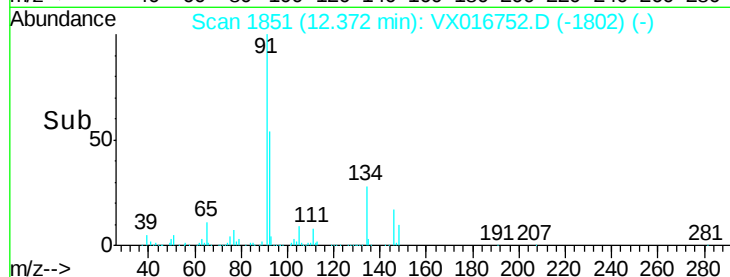
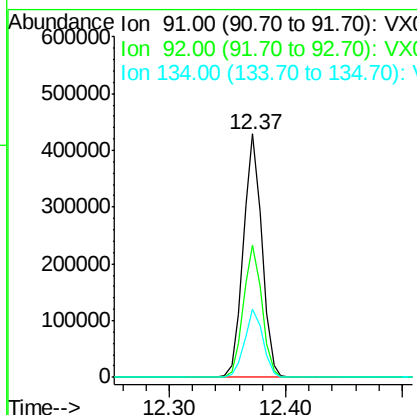
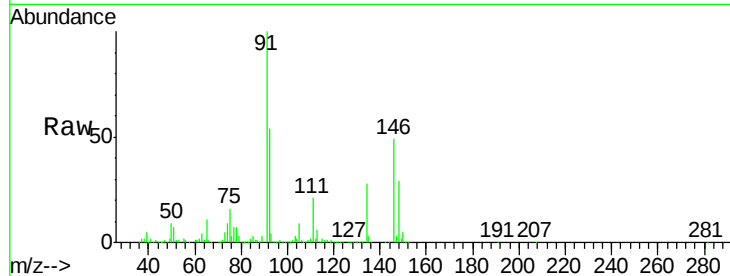
#89
n-Butylbenzene
Concen: 53.897 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061520

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.0	80.8
134	27.9	13.7	41.0

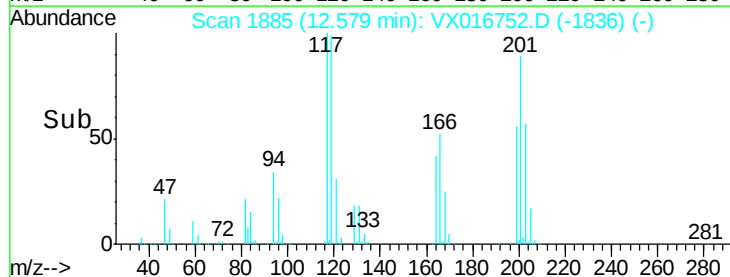
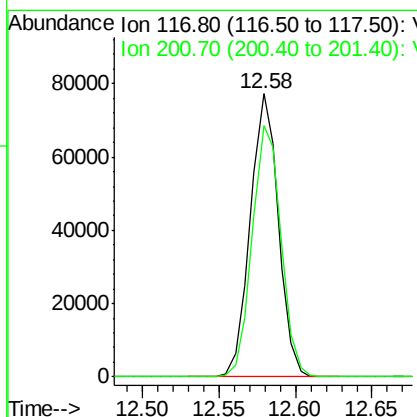
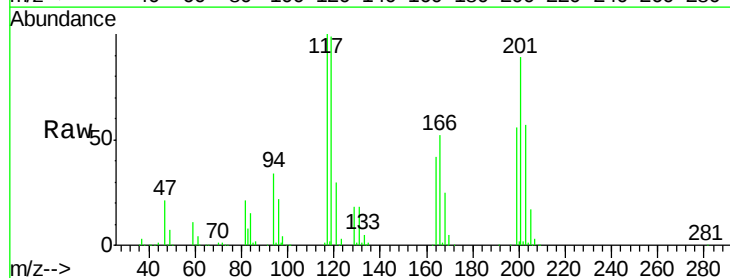
Manual Integrations
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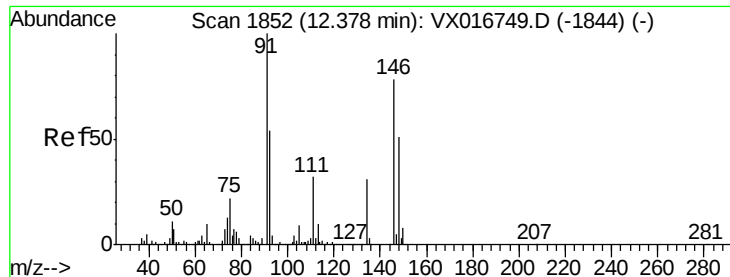
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#90
Hexachloroethane
Concen: 50.096 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016752.D
Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.9	45.6	136.9





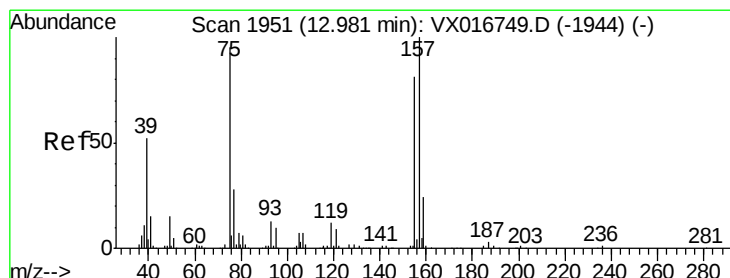
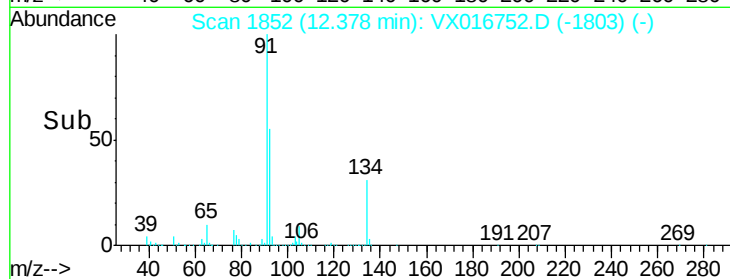
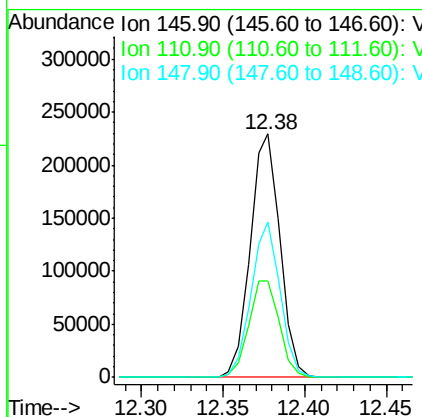
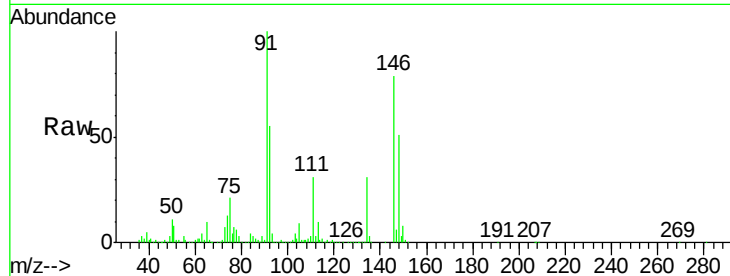
#91
 1,2-Dichlorobenzene
 Concen: 49.126 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.2
148	62.5	32.1	96.5

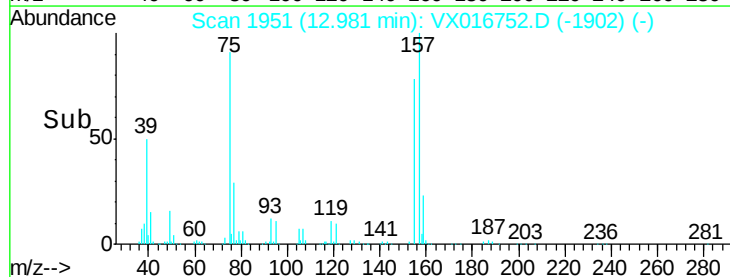
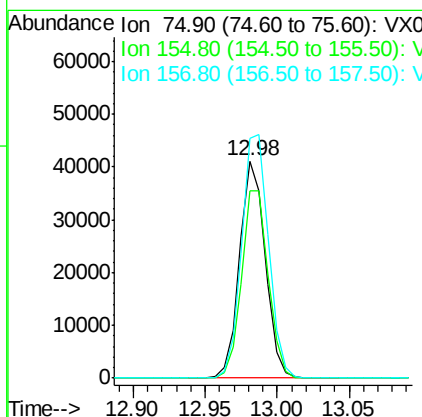
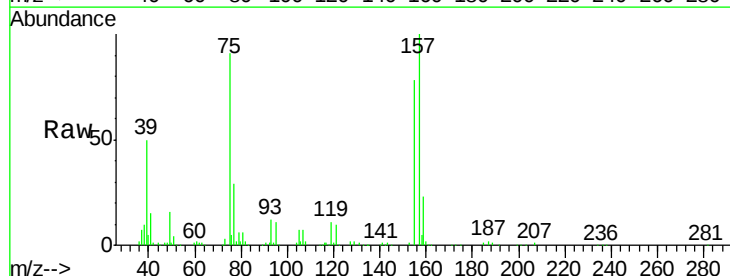
Manual Integrations
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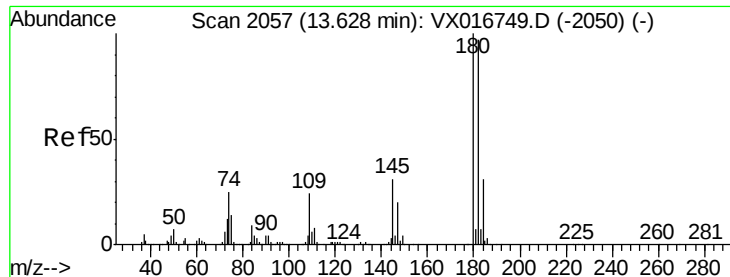
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.892 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	46.9	140.7
157	117.2	59.6	178.7





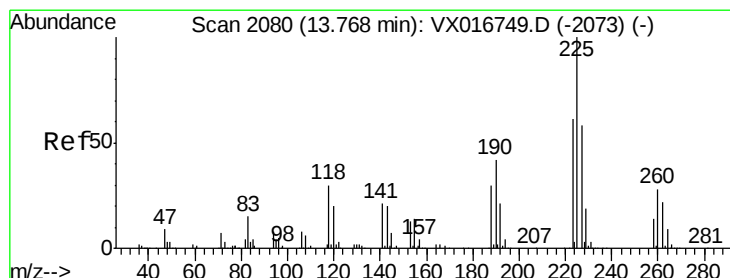
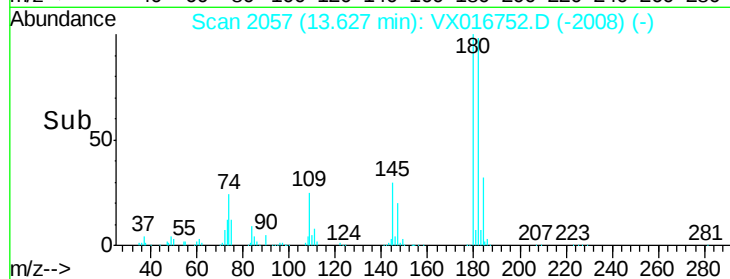
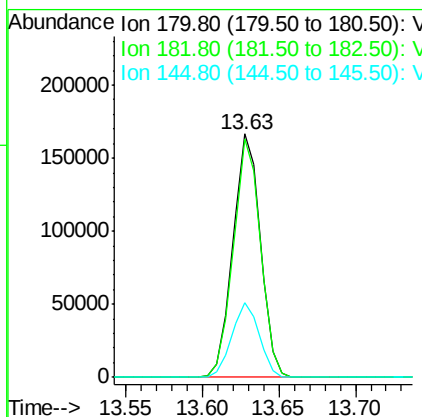
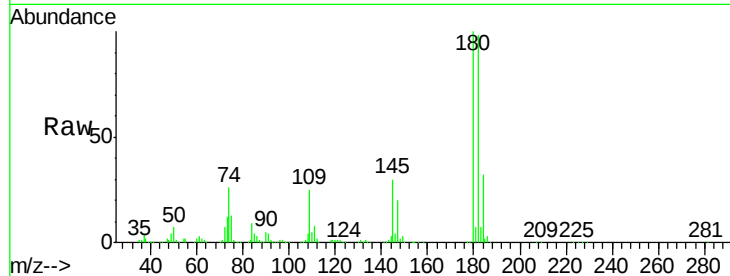
#93
 1,2,4-Trichlorobenzene
 Concen: 49.852 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Tot Ion	Ratio	Resp	Lower	Upper
180	100	206780		
182	96.7	48.6	145.8	
145	30.6	15.4	46.4	

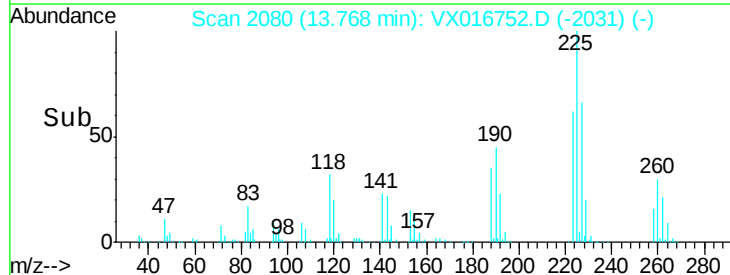
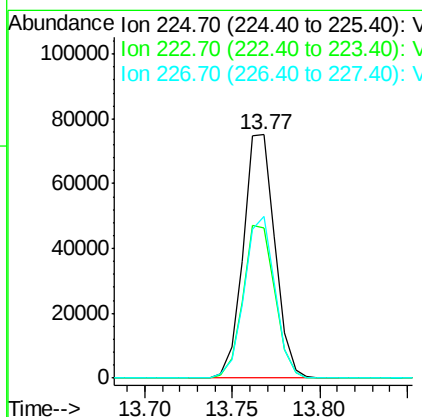
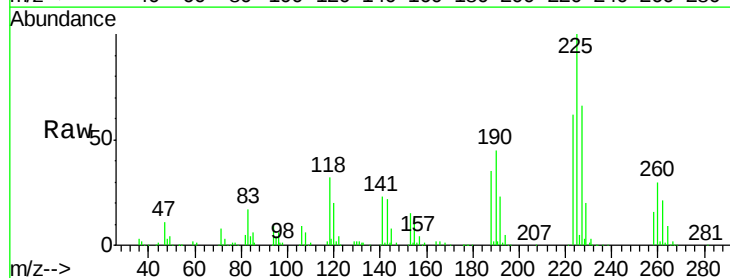
Manual Integrations
 APPROVED

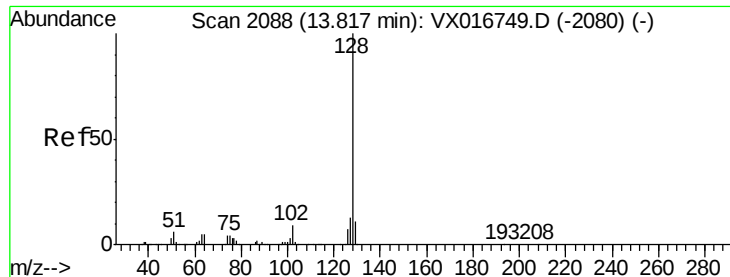
MMDadoda
 6/16/2020 3:23:17 PM



#94
 Hexachlorobutadiene
 Concen: 51.677 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016752.D
 Acq: 15 Jun 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94350		
223	63.0	31.1	93.5	
227	64.2	30.9	92.7	





#95

Naphthalene

Concen: 51.764 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Instrument :

MSVOA_X

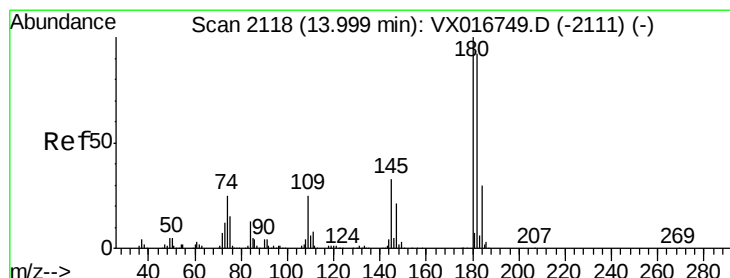
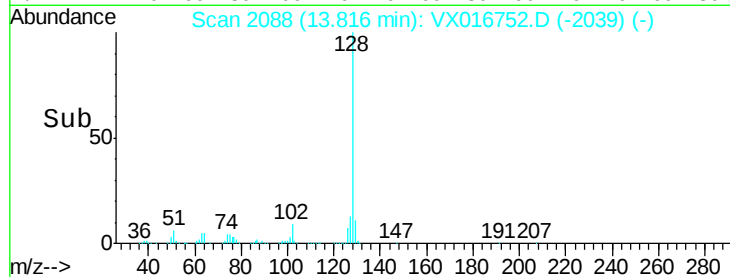
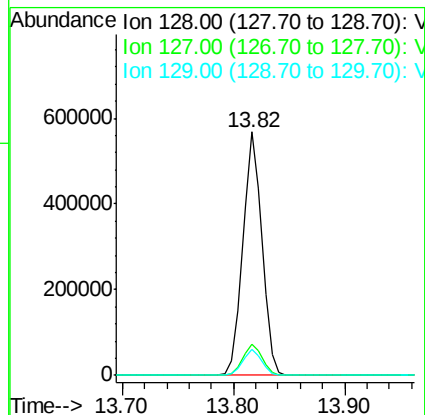
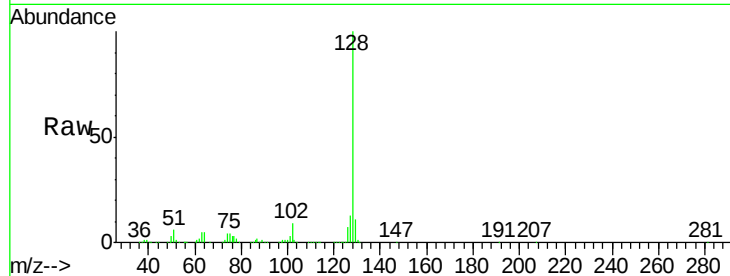
ClientSampleId :

ICVVX061520

Tot Ion:	128	Resp:	672651
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:17 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.665 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016752.D

Acq: 15 Jun 2020 14:05

Tgt Ion:	180	Resp:	202764
Ion Ratio	Lower	Upper	
180	100		
182	97.8	47.1	141.4
145	32.9	15.9	47.7

