

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017015.D
 Acq On : 29 Jun 2020 18:32
 Operator : JC/SP
 Sample : VX0629WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:12:07 AM

Quant Time: Jun 30 05:55:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	479277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229924	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	185862	50.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.92%	
35) Dibromofluoromethane	5.46	113	150789	49.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.48%	
50) Toluene-d8	8.70	98	558107	49.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.12	95	216887	49.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	57572	20.113	ug/l	95
3) Chloromethane	1.32	50	67352	19.439	ug/l	99
4) Vinyl Chloride	1.39	62	64090	19.937	ug/l	96
5) Bromomethane	1.63	94	41965	24.709	ug/l	100
6) Chloroethane	1.72	64	36159	19.045	ug/l	98
7) Trichlorofluoromethane	1.92	101	90097	18.951	ug/l	100
8) Diethyl Ether	2.17	74	33121	20.919	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55296	19.406	ug/l	97
10) Methyl Iodide	2.50	142	66550	18.100	ug/l	99
11) Tert butyl alcohol	3.01	59	72723	104.512	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56381	19.261	ug/l	96
13) Acrolein	2.27	56	35721	85.877	ug/l	97
14) Allyl chloride	2.71	41	103021	19.044	ug/l	99
15) Acrylonitrile	3.12	53	166020	99.249	ug/l	100
16) Acetone	2.42	43	138978	101.853	ug/l	96
17) Carbon Disulfide	2.55	76	171187	20.970	ug/l	100
18) Methyl Acetate	2.75	43	71560	20.090	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	192436	19.588	ug/l	100
20) Methylene Chloride	2.84	84	66828	20.899	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	64326	19.802	ug/l	98
22) Diisopropyl ether	3.82	45	205537	20.528	ug/l	96
23) Vinyl Acetate	3.79	43	885502	102.919	ug/l	99
24) 1,1-Dichloroethane	3.67	63	112386	19.727	ug/l	99
25) 2-Butanone	4.64	43	228577	100.535	ug/l	99
26) 2,2-Dichloropropane	4.55	77	97286	19.232	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	71426	19.405	ug/l	100
28) Bromochloromethane	4.98	49	52834	19.058	ug/l	97
29) Tetrahydrofuran	5.09	42	156854	104.415	ug/l	98
30) Chloroform	5.18	83	114668	19.635	ug/l	97
31) Cyclohexane	5.55	56	100122	20.332	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	104692	19.465	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85995	18.985	ug/l	98
37) Ethyl Acetate	4.79	43	90419	19.674	ug/l	98
38) Carbon Tetrachloride	5.76	117	96084	19.258	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	95415	18.932	ug/l	99
40) Benzene	6.11	78	255691	19.212	ug/l	100
41) Methacrylonitrile	5.01	41	51688	19.982	ug/l	98
42) 1,2-Dichloroethane	6.17	62	92733	19.290	ug/l	99
43) Isopropyl Acetate	6.42	43	146652	19.203	ug/l	99
44) Trichloroethene	7.19	130	72437	19.535	ug/l	96
45) 1,2-Dichloropropane	7.49	63	65829	19.257	ug/l	100
46) Dibromomethane	7.64	93	44166	18.925	ug/l	99
47) Bromodichloromethane	7.88	83	92374	19.207	ug/l	98
48) Methyl methacrylate	7.75	41	69984	19.288	ug/l	98
49) 1,4-Dioxane	7.71	88	33860	411.926	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	454421	99.819	ug/l	99
52) Toluene	8.76	92	160490	19.314	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	100748	18.986	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	108620	19.095	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	65893	19.409	ug/l	99
56) Ethyl methacrylate	9.16	69	95428	19.748	ug/l	99
57) 1,3-Dichloropropane	9.35	76	111369	19.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	237342	98.689	ug/l	99
59) 2-Hexanone	9.47	43	336760	101.287	ug/l	99
60) Dibromochloromethane	9.57	129	74113	18.795	ug/l	99
61) 1,2-Dibromoethane	9.65	107	69762	19.117	ug/l	99
64) Tetrachloroethene	9.32	164	67270	18.599	ug/l	96
65) Chlorobenzene	10.12	112	173755	18.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	67436	18.918	ug/l	98
67) Ethyl Benzene	10.23	91	299856	19.413	ug/l	98
68) m/p-Xylenes	10.34	106	231751	39.075	ug/l	100
69) o-Xylene	10.68	106	109918	19.482	ug/l	100
70) Styrene	10.70	104	188380	19.607	ug/l	99
71) Bromoform	10.84	173	53281	18.849	ug/l #	99
73) Isopropylbenzene	11.00	105	298572	19.825	ug/l	100
74) N-amyl acetate	10.88	43	128253	19.958	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	93779	19.796	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	91156m	20.161	ug/l	
77) Bromobenzene	11.24	156	75811	18.316	ug/l	94
78) n-propylbenzene	11.34	91	336627	19.766	ug/l	99
79) 2-Chlorotoluene	11.40	91	200950	19.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	246476	19.731	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	32898	18.843	ug/l	95
82) 4-Chlorotoluene	11.49	91	242004	19.641	ug/l	100
83) tert-Butylbenzene	11.76	119	237213	19.344	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	251322	19.831	ug/l	100
85) sec-Butylbenzene	11.93	105	280314	19.446	ug/l	99
86) p-Isopropyltoluene	12.05	119	265105	19.756	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	142320	18.932	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	141780	19.884	ug/l	99
89) n-Butylbenzene	12.37	91	225632	18.831	ug/l	99
90) Hexachloroethane	12.58	117	50420	19.053	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	134295	19.112	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21434	18.966	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	86989	18.137	ug/l	99
94) Hexachlorobutadiene	13.77	225	35488	20.011	ug/l	98
95) Naphthalene	13.82	128	285043	19.549	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	87072	18.759	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion:168 Resp: 295871

Ion Ratio Lower Upper

168 100

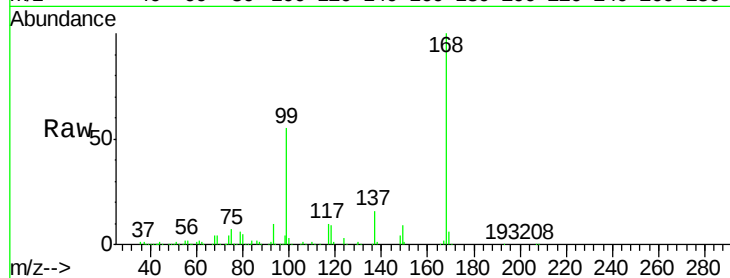
99 55.3 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

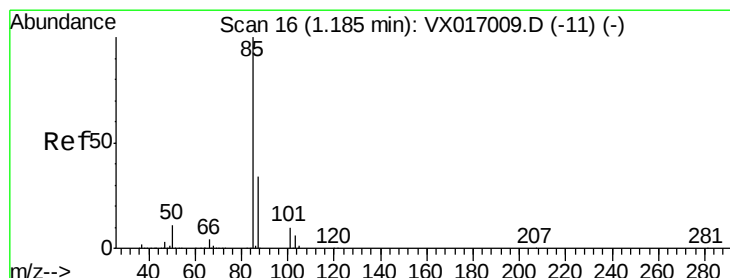
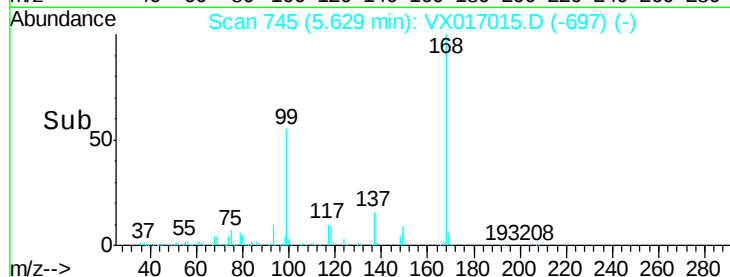
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.113 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017015.D

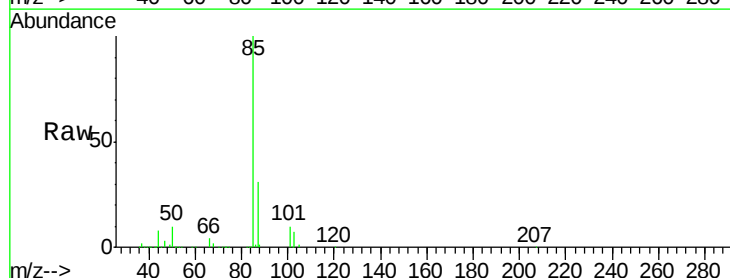
Acq: 29 Jun 2020 18:32

Tgt Ion: 85 Resp: 57572

Ion Ratio Lower Upper

85 100

87 30.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

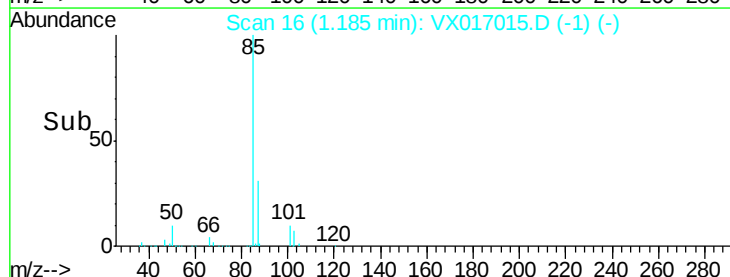
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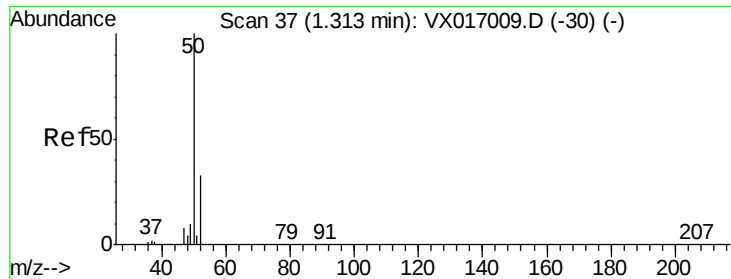
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.439 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 50 Resp: 67352

Ion Ratio Lower Upper

50 100

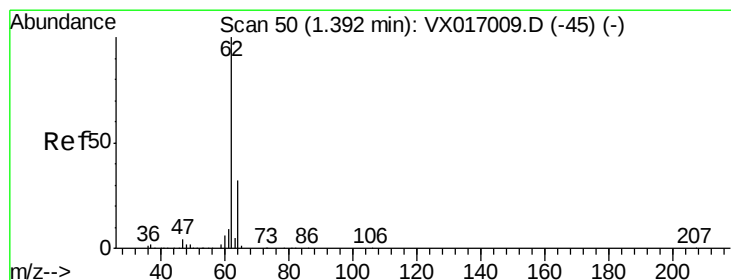
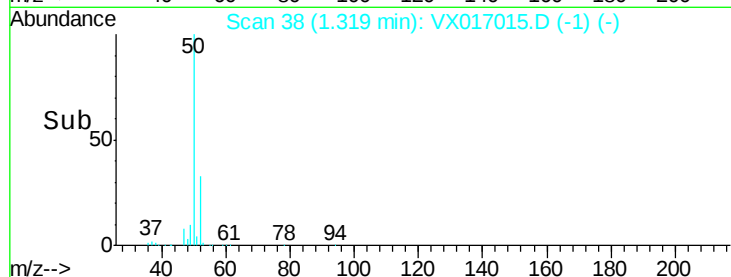
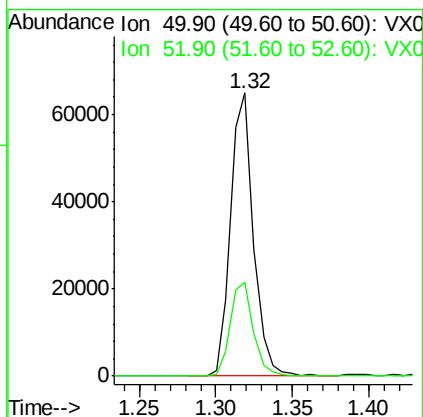
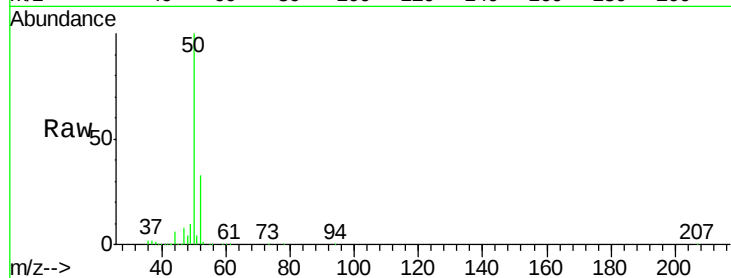
52 33.0 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.937 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017015.D

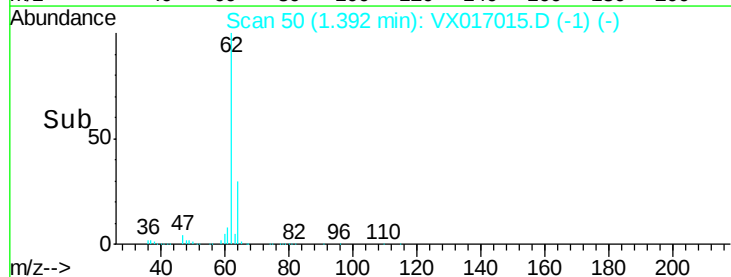
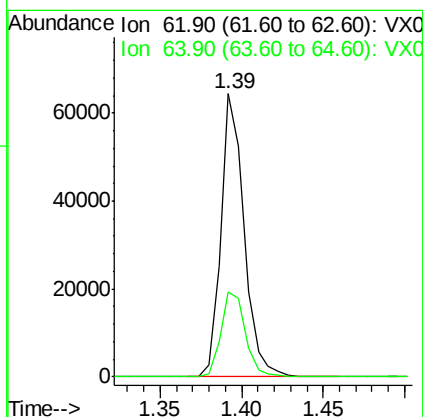
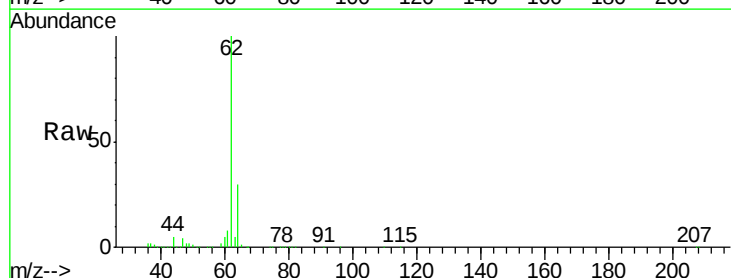
Acq: 29 Jun 2020 18:32

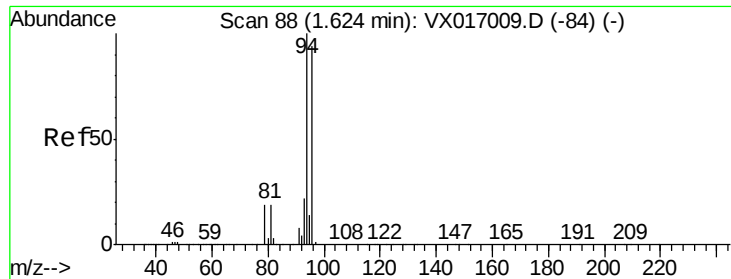
Tgt Ion: 62 Resp: 64090

Ion Ratio Lower Upper

62 100

64 30.3 25.9 38.9





#5

Bromomethane

Concen: 24.709 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 94 Resp: 41965

Ion Ratio Lower Upper

94 100

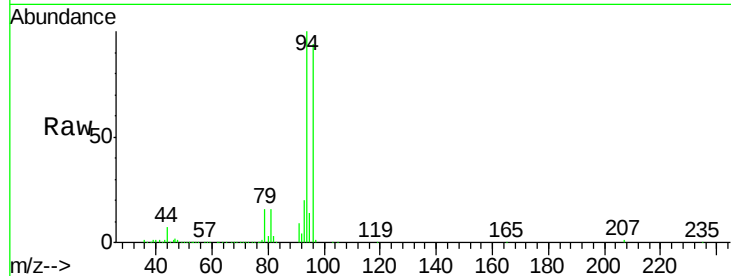
96 93.6 75.0 112.4

Manual Integrations

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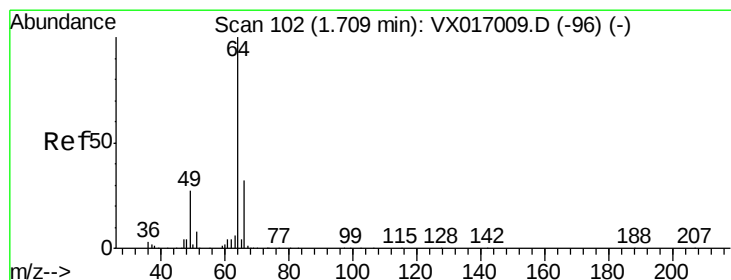
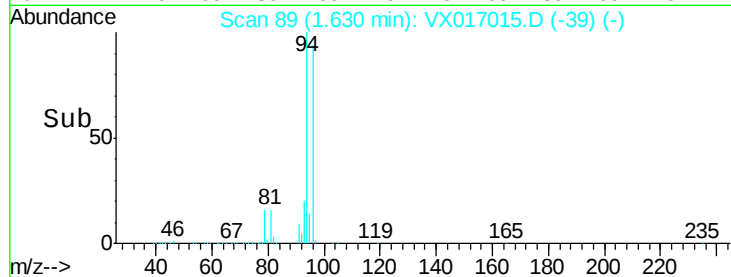
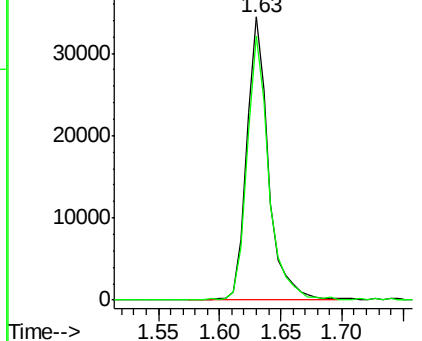
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.045 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017015.D

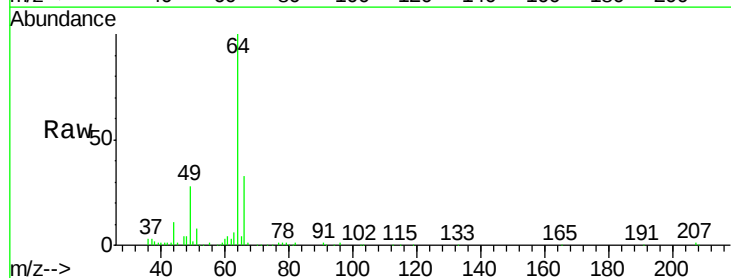
Acq: 29 Jun 2020 18:32

Tgt Ion: 64 Resp: 36159

Ion Ratio Lower Upper

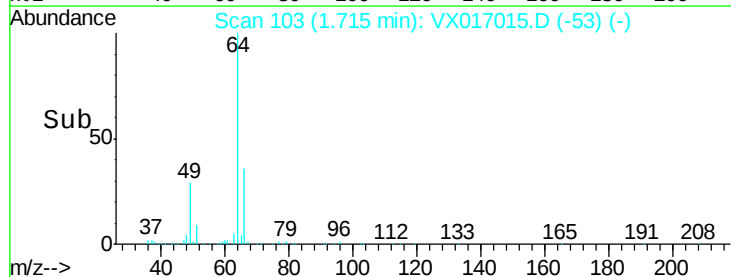
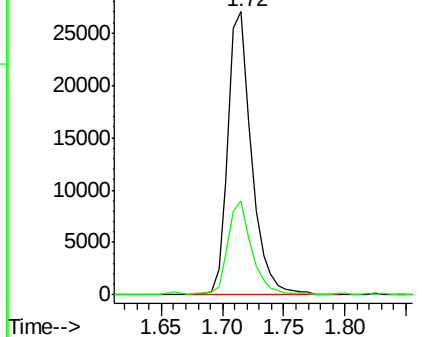
64 100

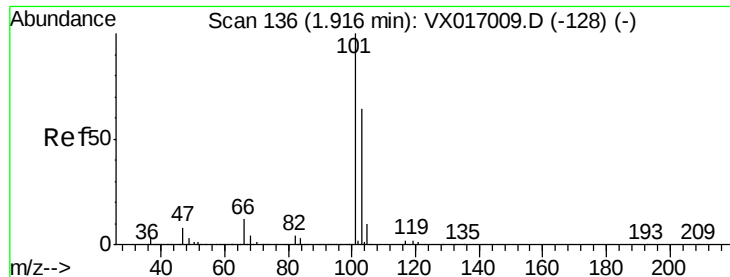
66 33.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

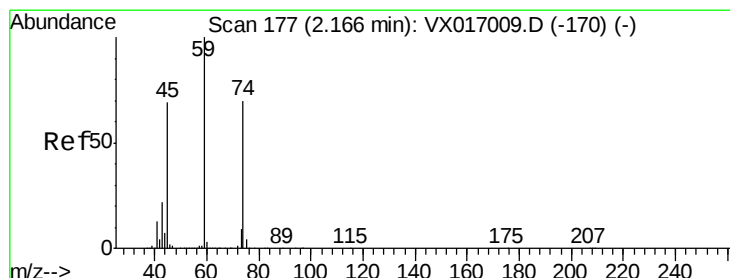
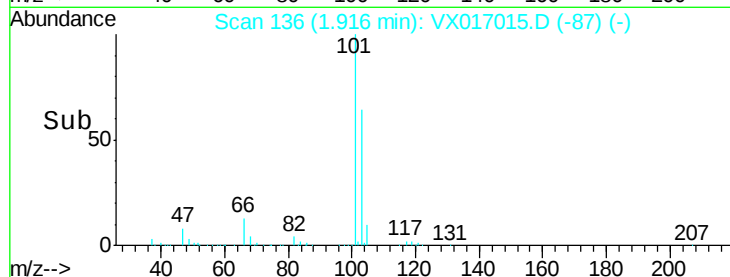
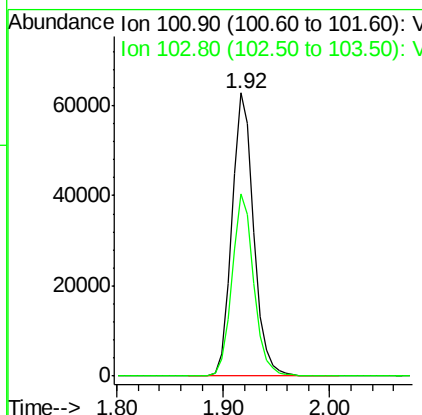
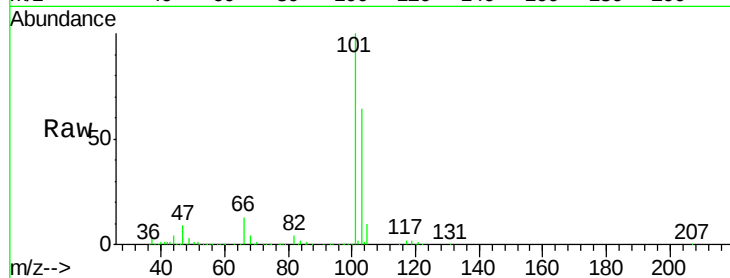
Trichlorofluoromethane
Concen: 18.951 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

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VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.5	77.3

Manual Integrations
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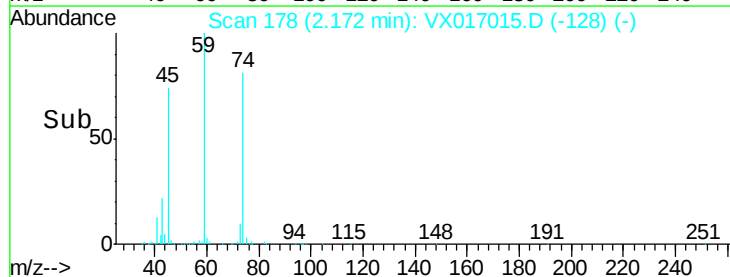
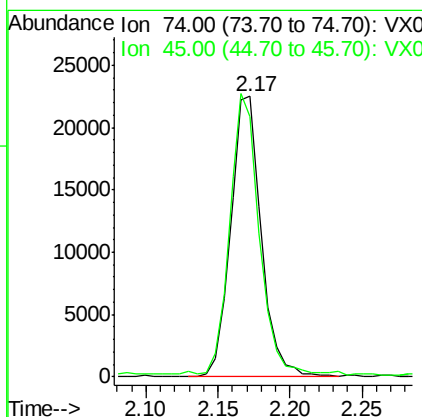
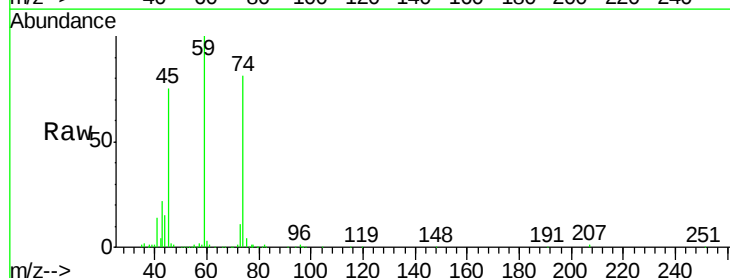
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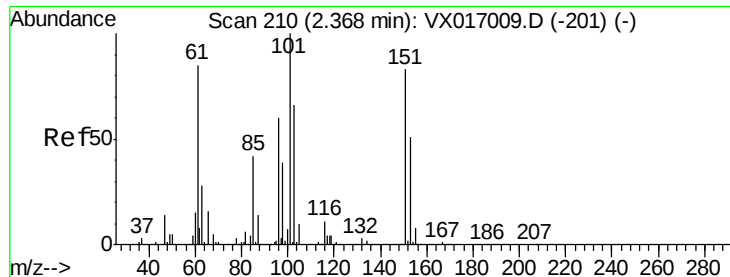


#8

Diethyl Ether
Concen: 20.919 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.406 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

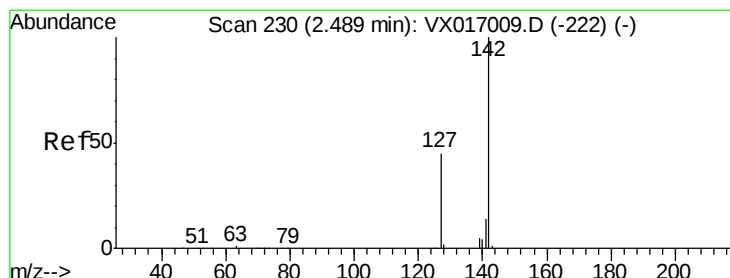
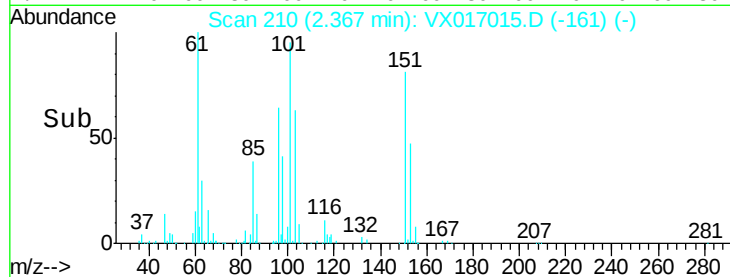
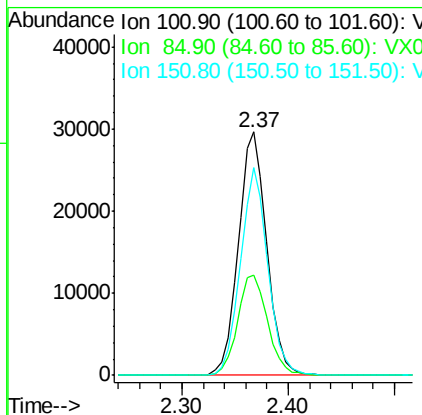
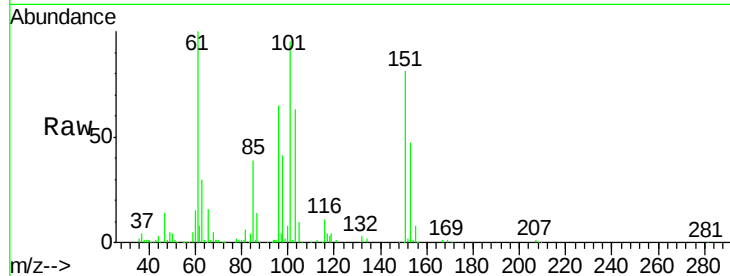
ClientSampleId :

VX0629WBSD01

Tot Ion:	101	Resp:	55296
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.5	50.3
151	82.5	63.8	95.6

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#10

Methyl Iodide

Concen: 18.100 ug/l

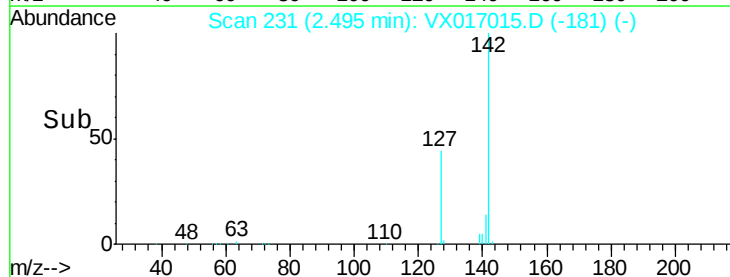
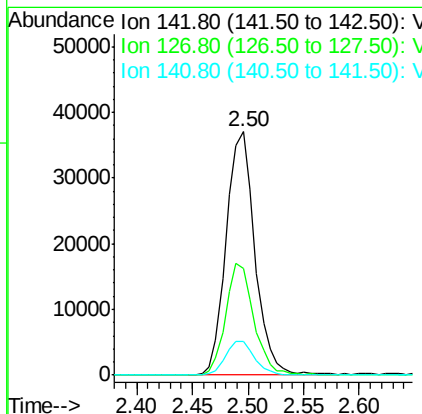
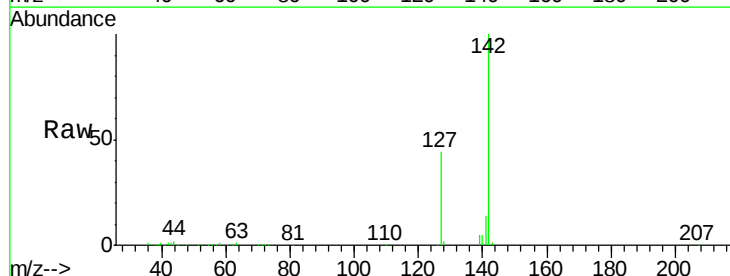
RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion:	142	Resp:	66550
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.6	54.8
141	14.0	11.6	17.4





#11

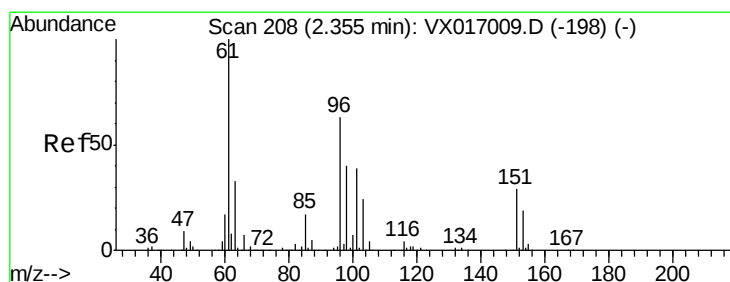
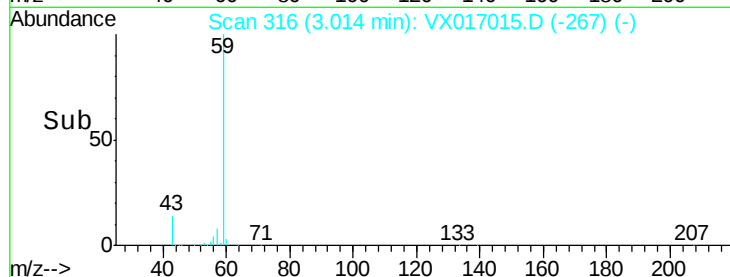
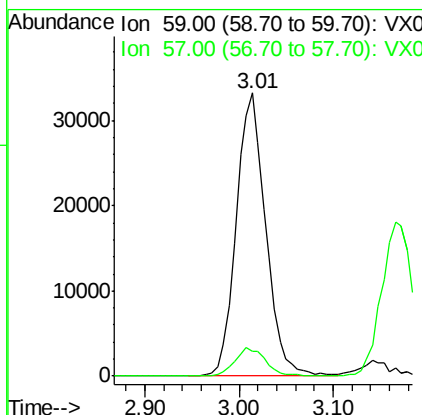
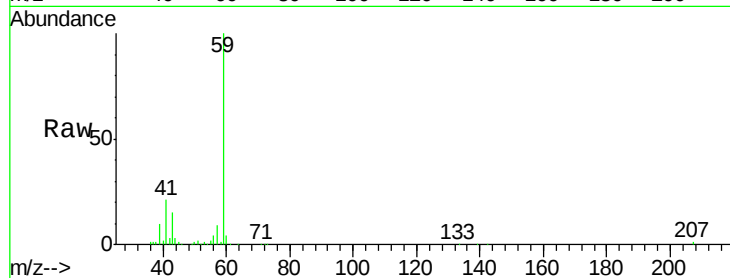
Tert butyl alcohol
Concen: 104.512 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

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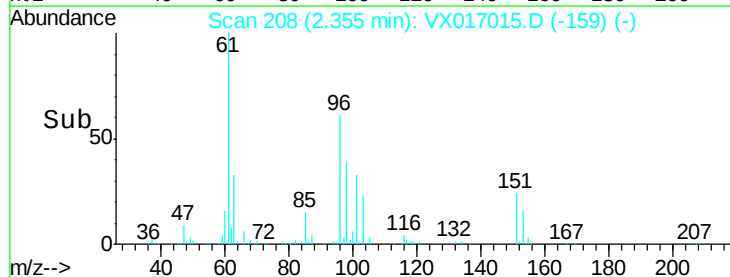
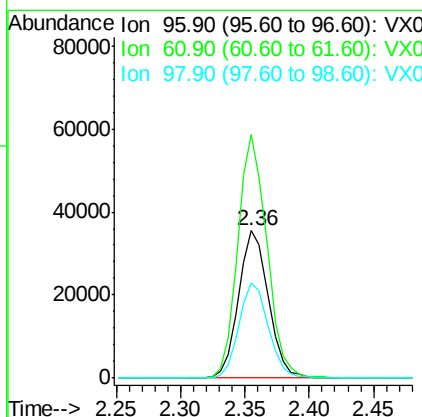
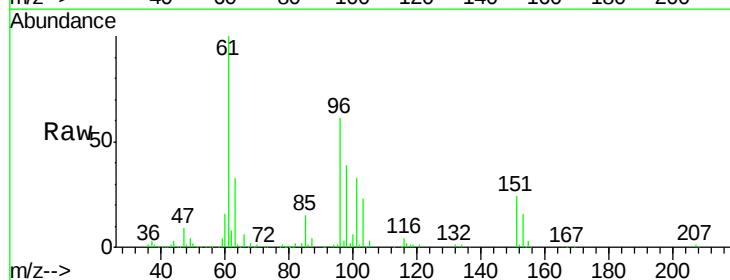
MMDadoda
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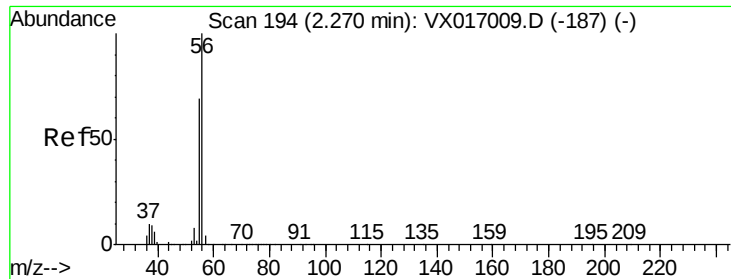


#12

1,1-Dichloroethene
Concen: 19.261 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.4	126.3	189.5
98	64.5	51.0	76.6





#13

Acrolein

Concen: 85.877 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 56 Resp: 35721

Ion Ratio Lower Upper

56 100

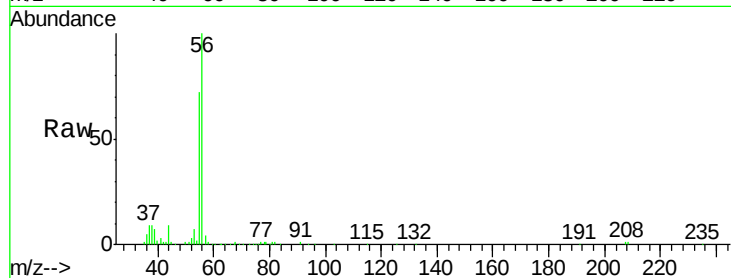
55 72.1 55.7 83.5

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

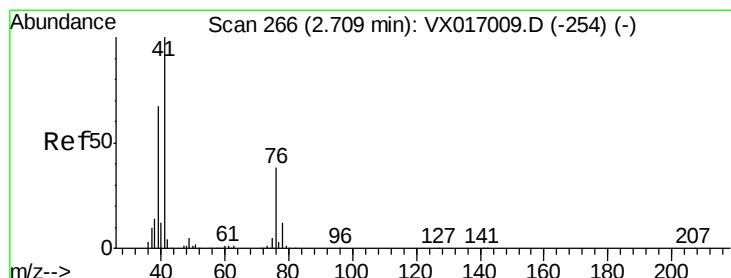
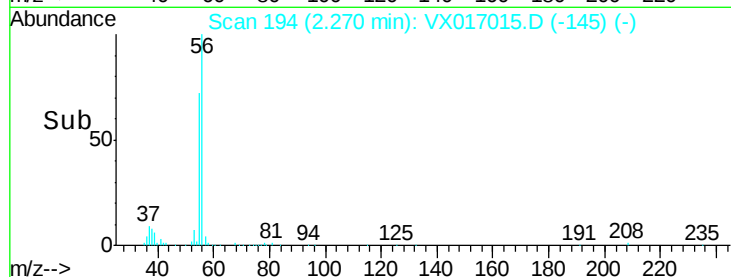
5000

0

Time-->

2.20 2.25 2.30 2.35

2.27



#14

Allyl chloride

Concen: 19.044 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

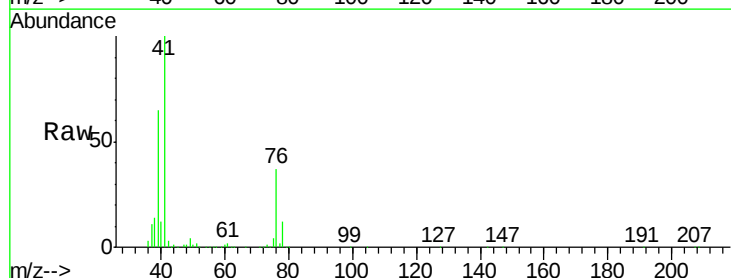
Tgt Ion: 41 Resp: 103021

Ion Ratio Lower Upper

41 100

39 63.3 49.4 74.2

76 33.2 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

40000

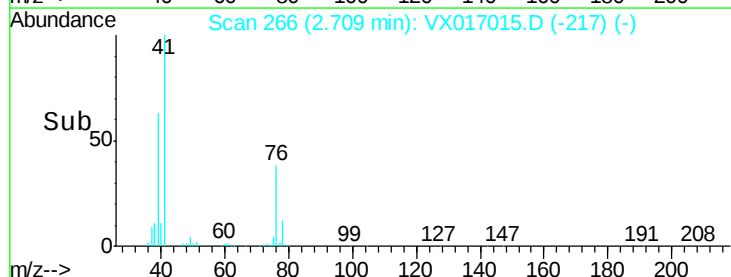
20000

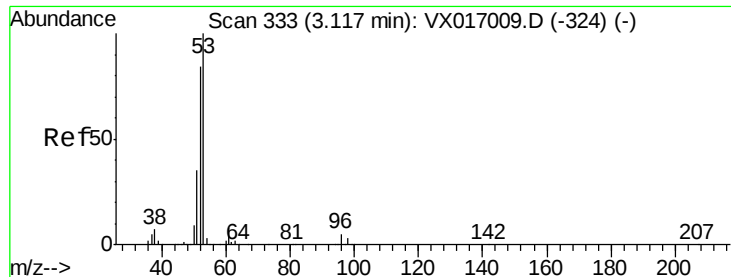
0

Time-->

2.60 2.70 2.80

2.71





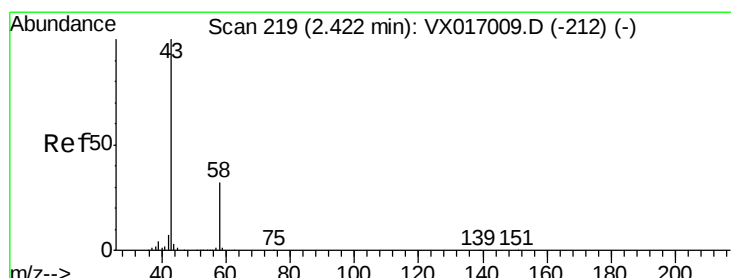
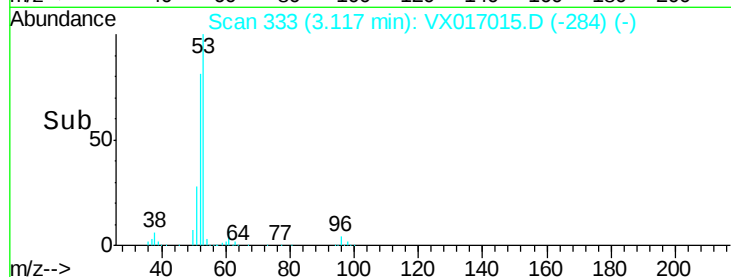
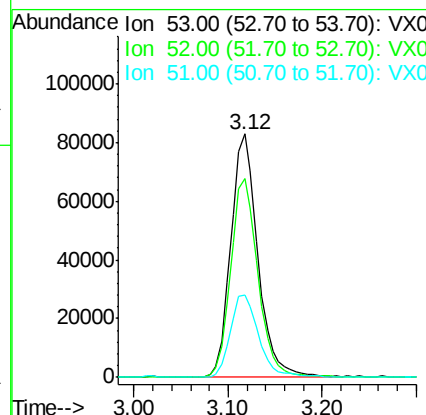
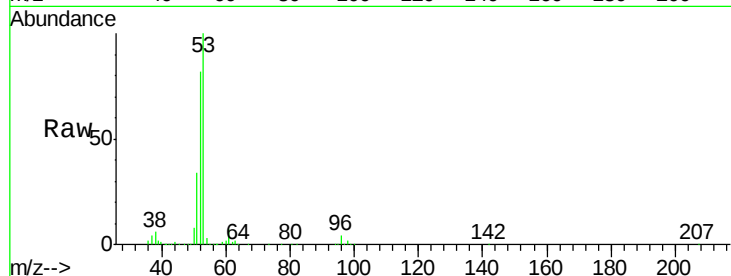
#15
 Acrylonitrile
 Concen: 99.249 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.6	98.4
51	35.8	28.3	42.5

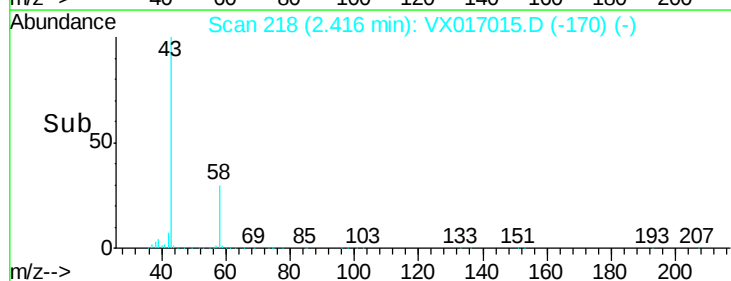
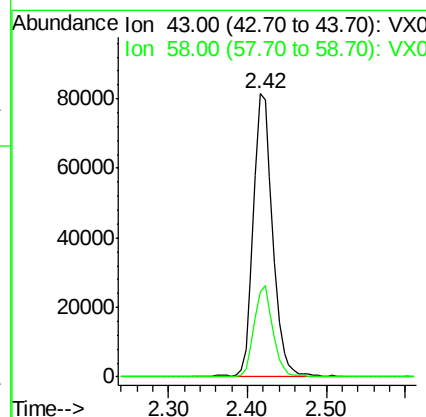
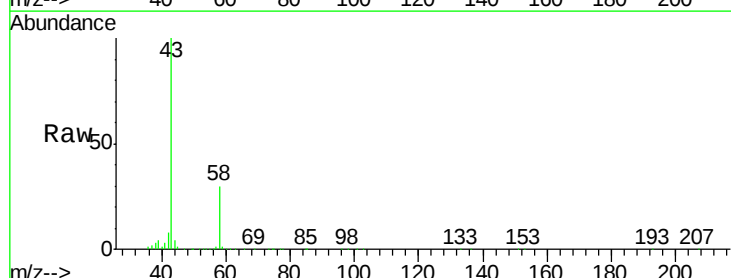
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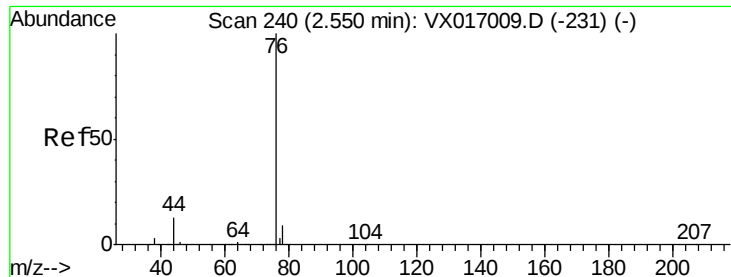
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#16
 Acetone
 Concen: 101.853 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.7	38.5





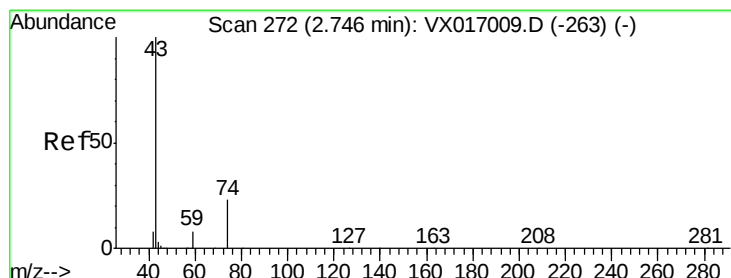
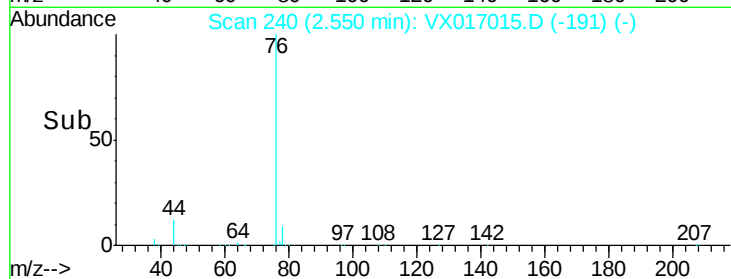
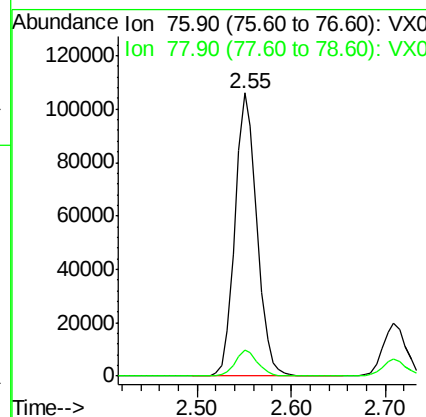
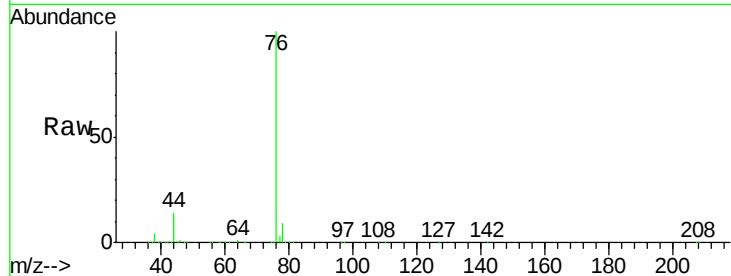
#17
Carbon Disulfide
Concen: 20.970 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

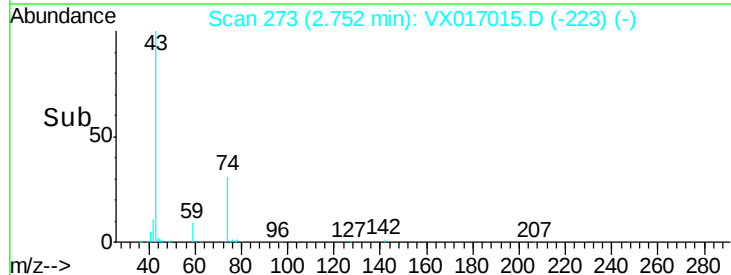
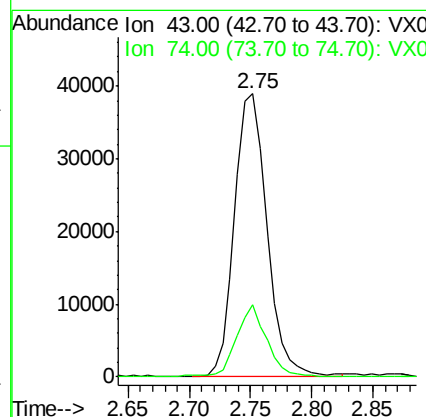
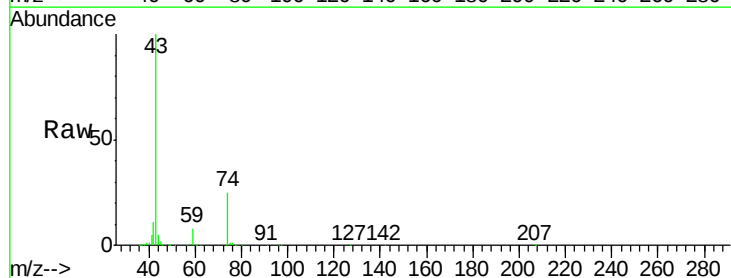
Manual Integrations
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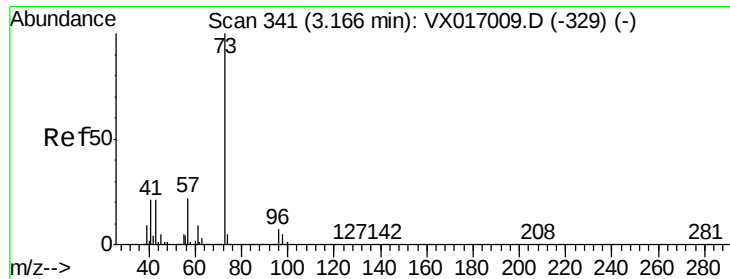
MMDadoda
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#18
Methyl Acetate
Concen: 20.090 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.3	28.9





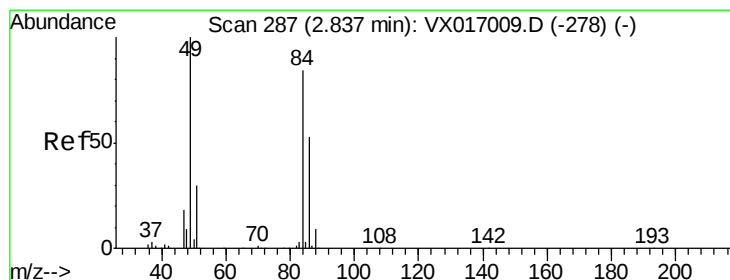
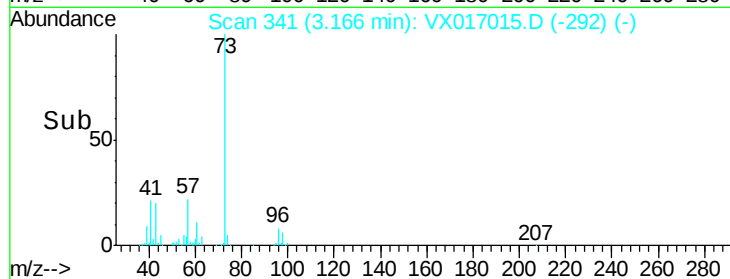
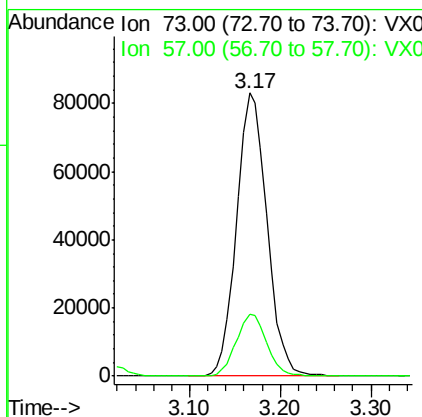
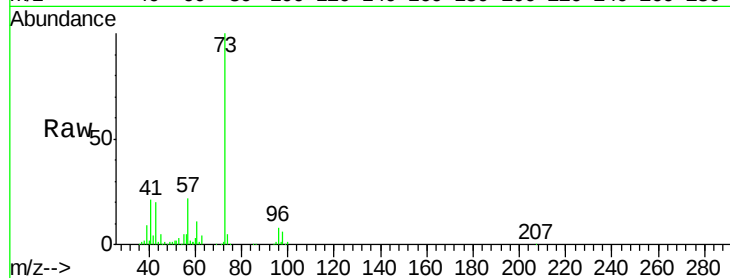
#19
Methyl tert-butyl Ether
Concen: 19.588 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.6	26.4

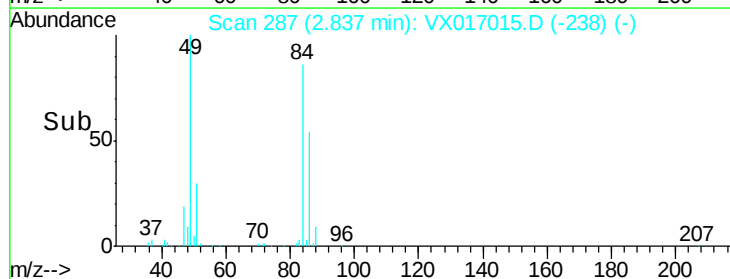
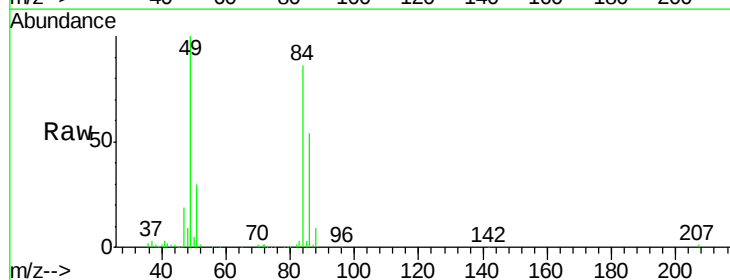
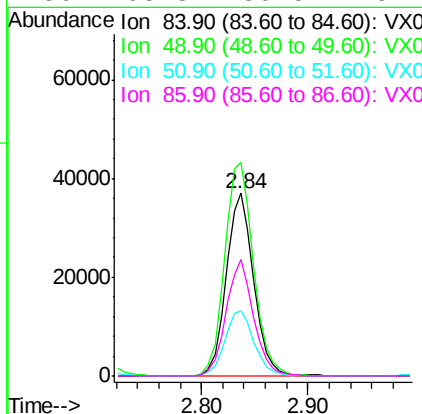
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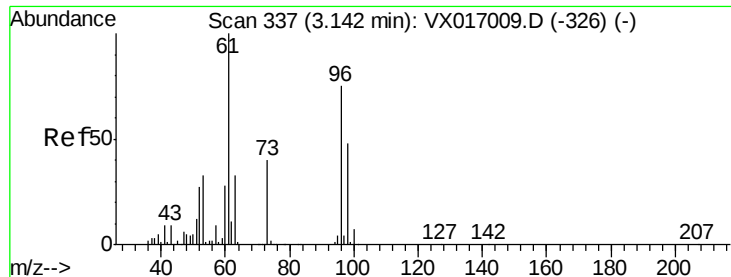
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#20
Methylene Chloride
Concen: 20.899 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.7	94.7	142.1
51	35.4	28.6	42.8
86	63.3	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 19.802 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

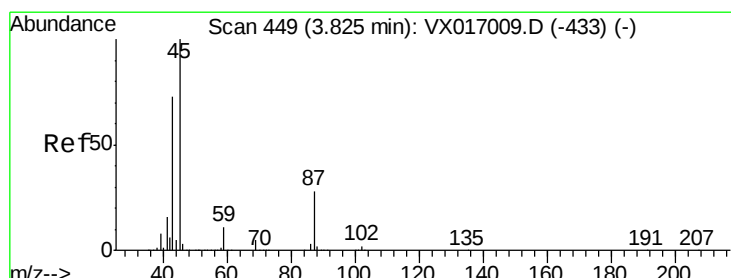
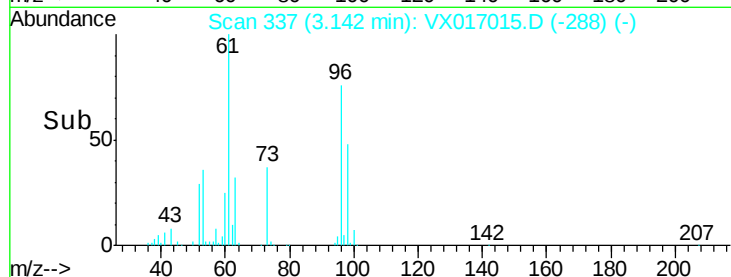
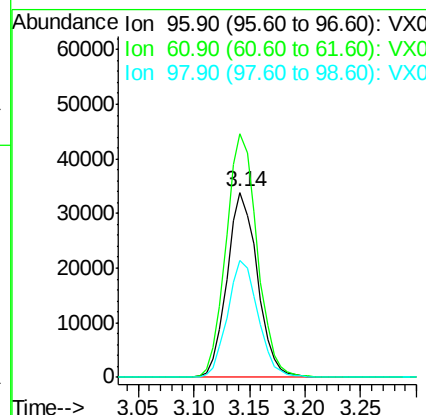
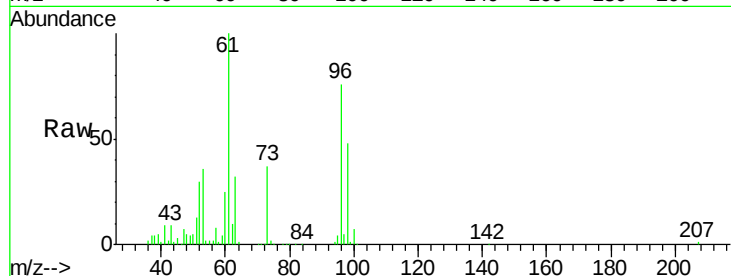
ClientSampleId :

VX0629WBSD01

Tot Ion:	96	Resp:	64326
Ion	Ratio	Lower	Upper
96	100		
61	131.2	107.0	160.6
98	62.8	51.6	77.4

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#22

Diisopropyl ether

Concen: 20.528 ug/l

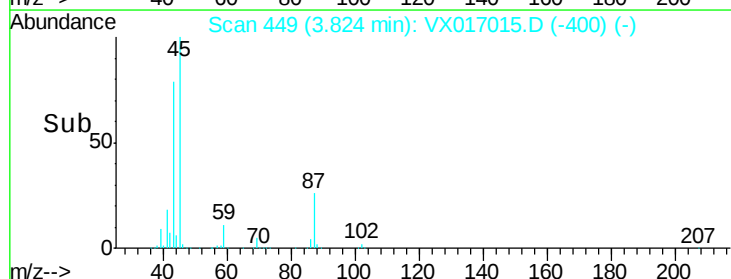
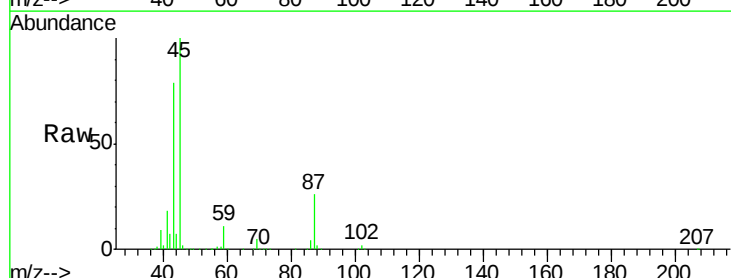
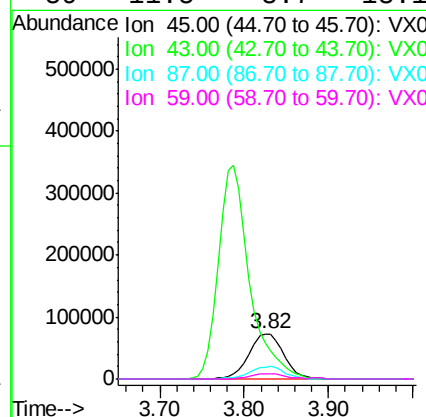
RT: 3.82 min Scan# 449

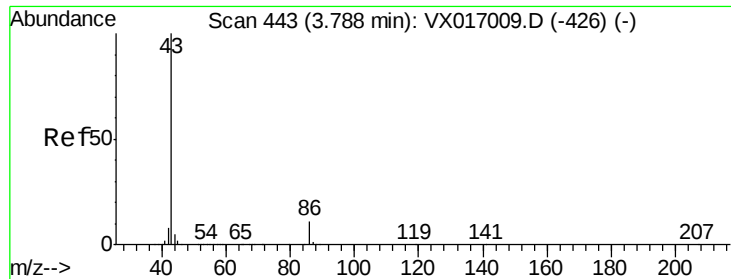
Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion:	45	Resp:	205537
Ion	Ratio	Lower	Upper
45	100		
43	77.4	58.6	88.0
87	26.4	22.6	34.0
59	11.5	8.7	13.1





#23

Vinyl Acetate

Concen: 102.919 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 43 Resp: 885502

Ion Ratio Lower Upper

43 100

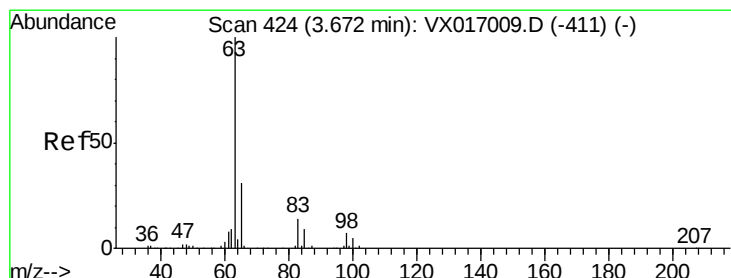
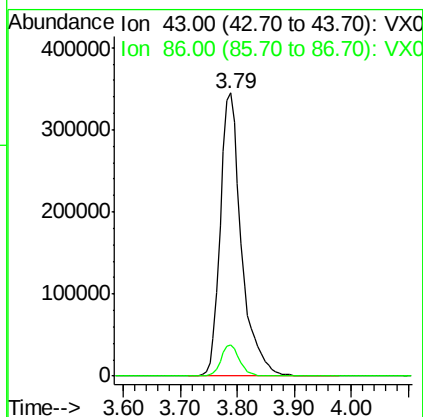
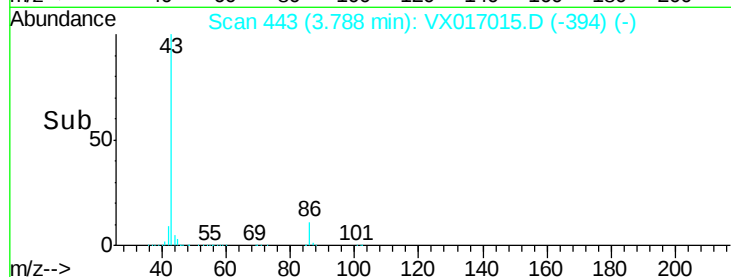
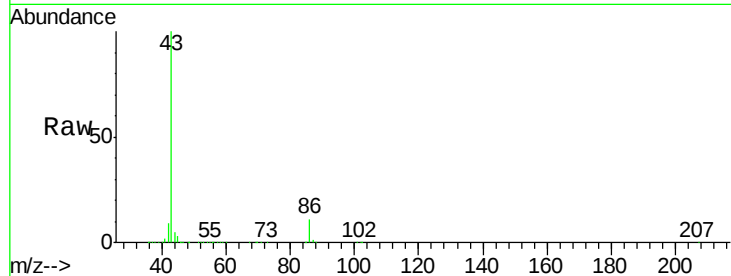
86 11.0 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 19.727 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

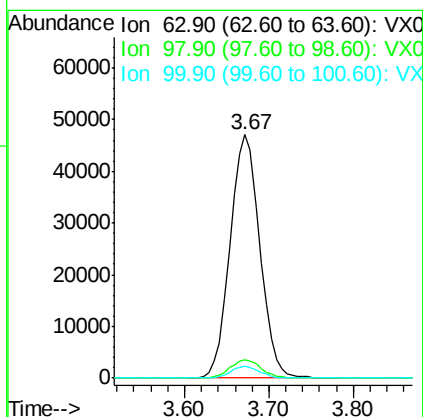
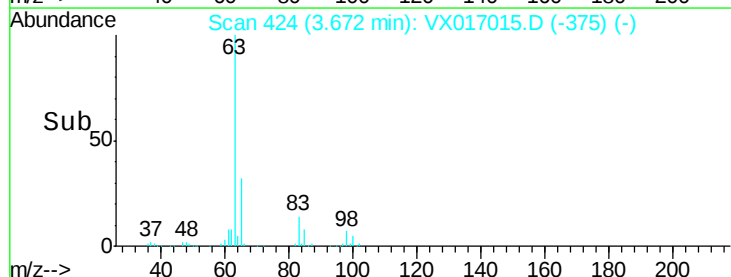
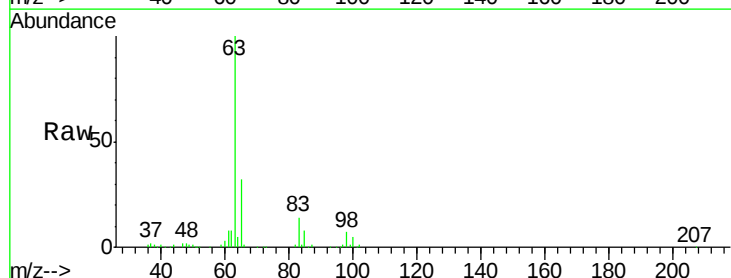
Tgt Ion: 63 Resp: 112386

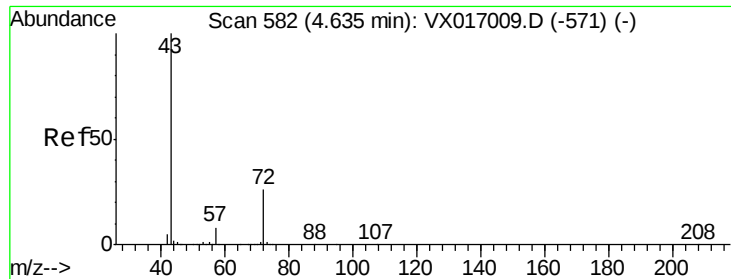
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 100.535 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 43 Resp: 228577

Ion Ratio Lower Upper

43 100

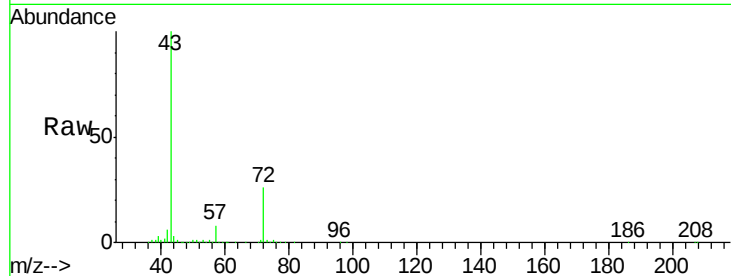
72 25.5 20.8 31.2

Manual Integrations

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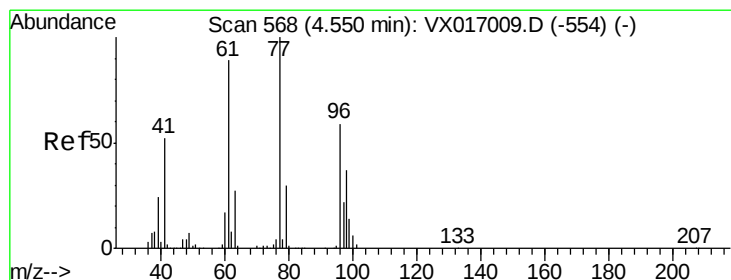
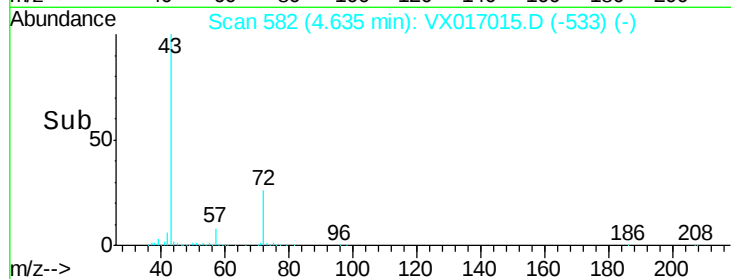
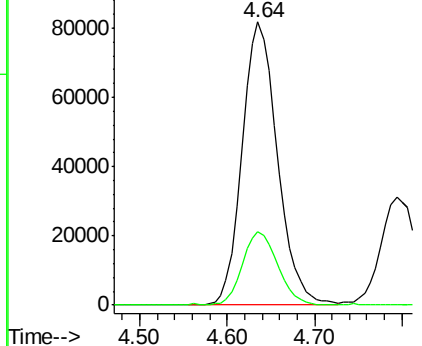
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.232 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017015.D

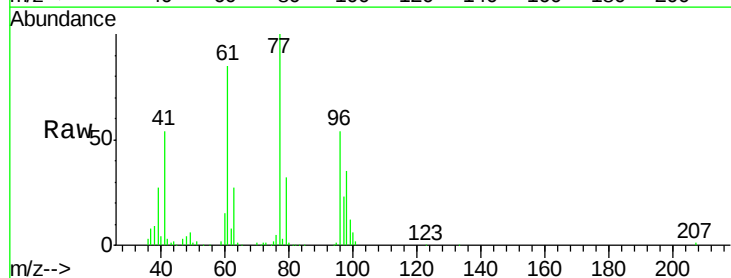
Acq: 29 Jun 2020 18:32

Tgt Ion: 77 Resp: 97286

Ion Ratio Lower Upper

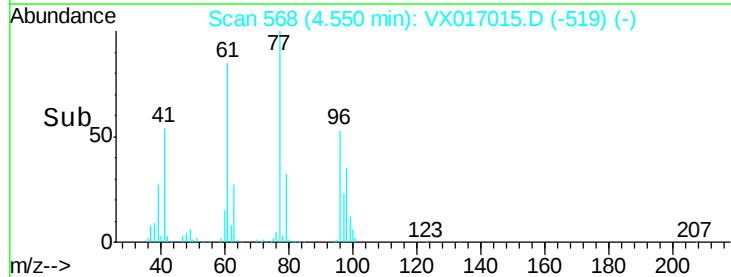
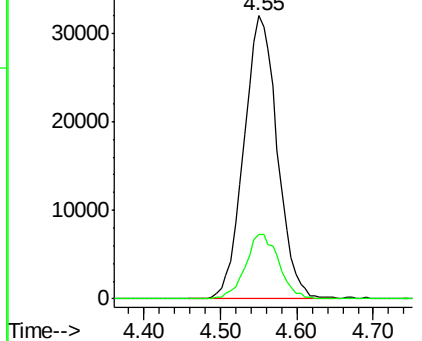
77 100

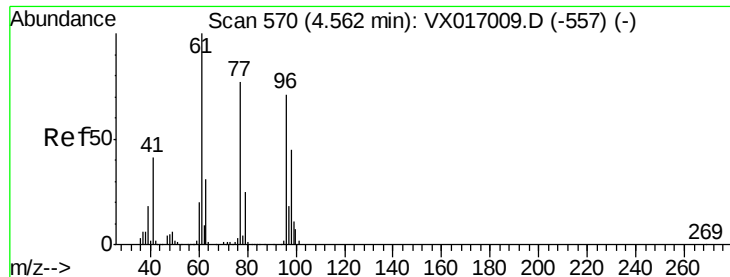
97 23.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

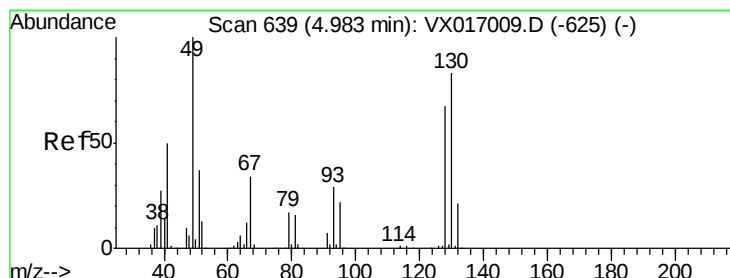
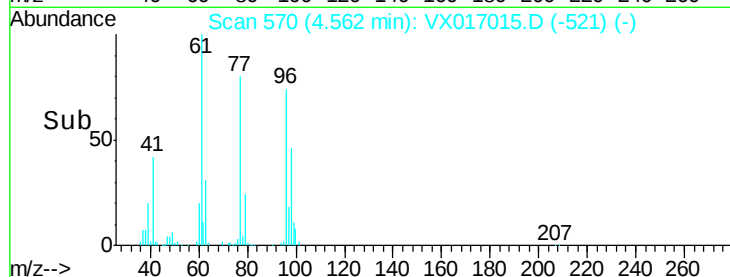
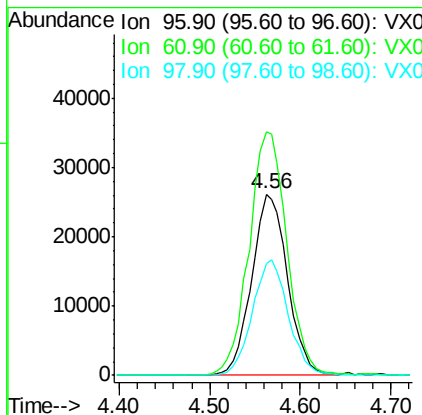
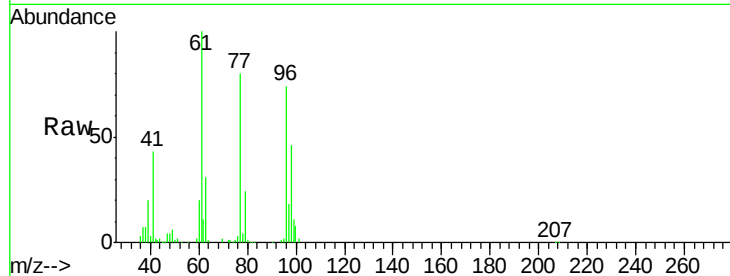
cis-1,2-Dichloroethene
Concen: 19.405 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	282.8
98	64.0	0.0	127.6

Manual Integrations
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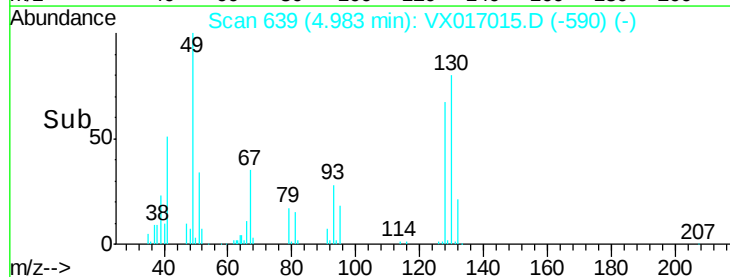
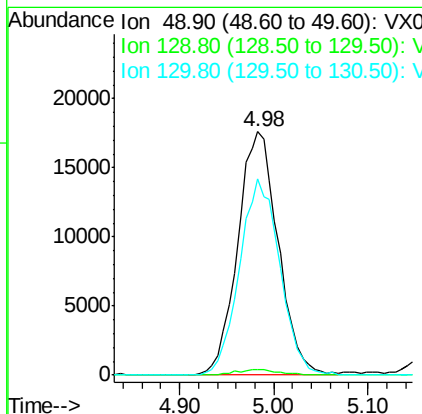
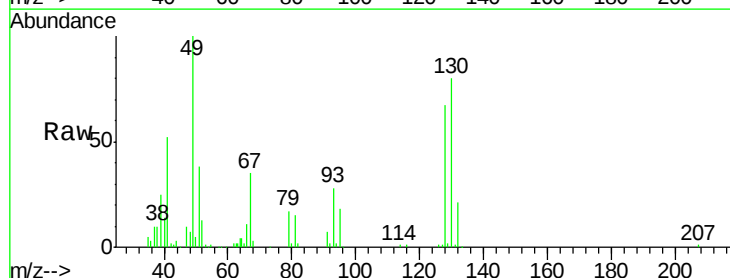
MMDadoda
6/30/2020 10:12:07 AM

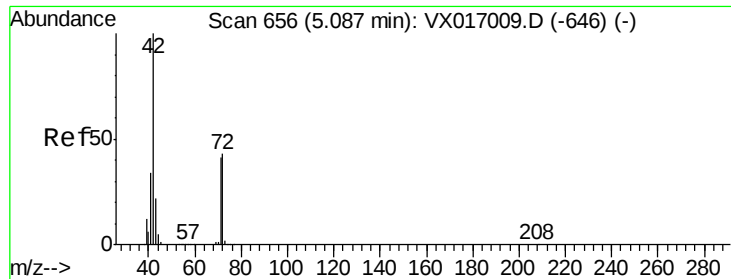


#28

Bromochloromethane
Concen: 19.058 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	80.6	66.6	100.0





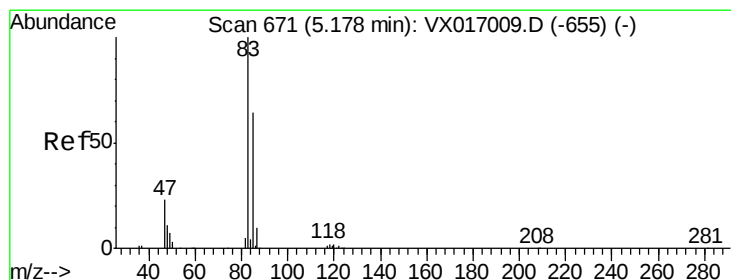
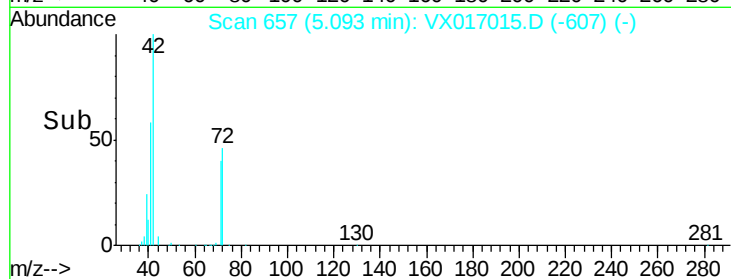
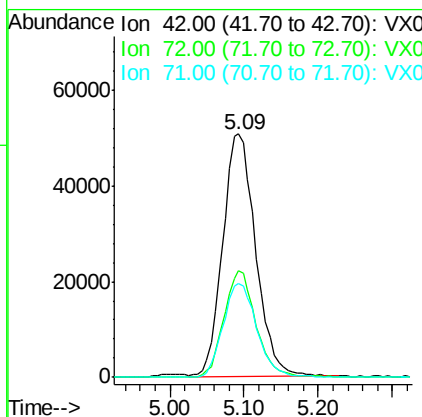
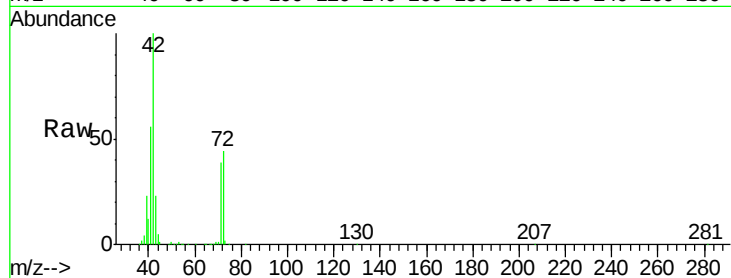
#29
Tetrahydrofuran
Concen: 104.415 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.3	52.9
71	39.5	33.1	49.7

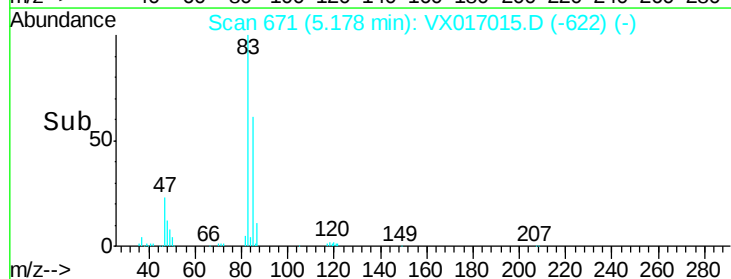
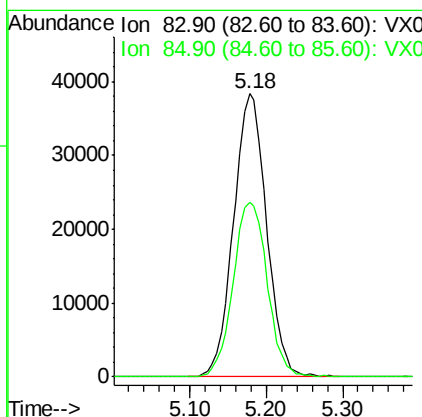
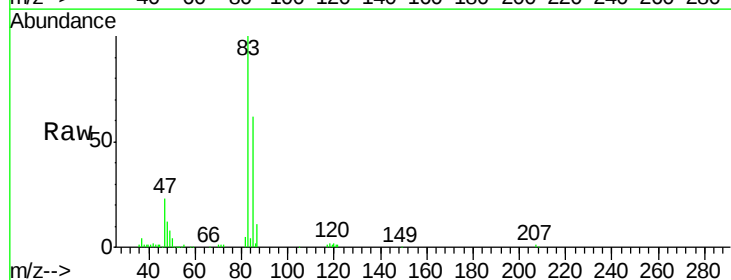
Manual Integrations
APPROVED

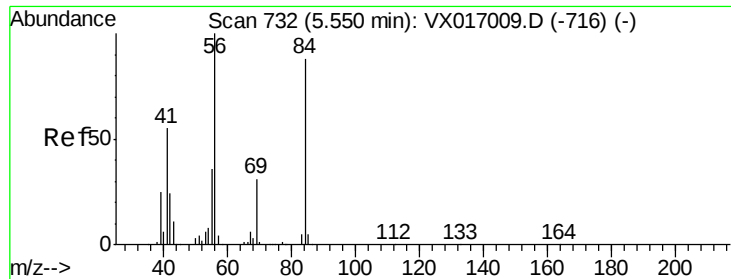
MMDadoda
6/30/2020 10:12:07 AM



#30
Chloroform
Concen: 19.635 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.4	77.2





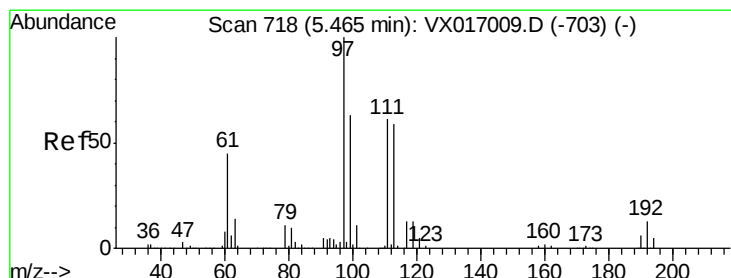
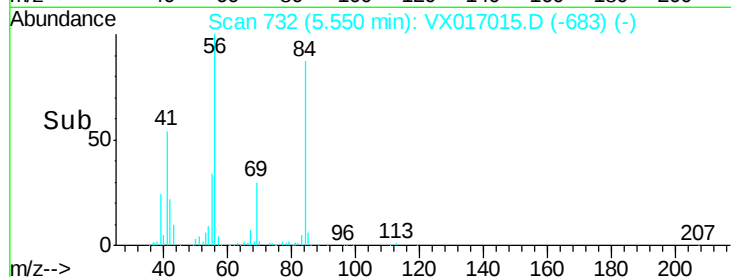
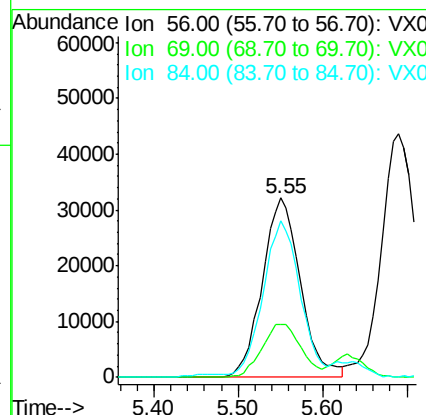
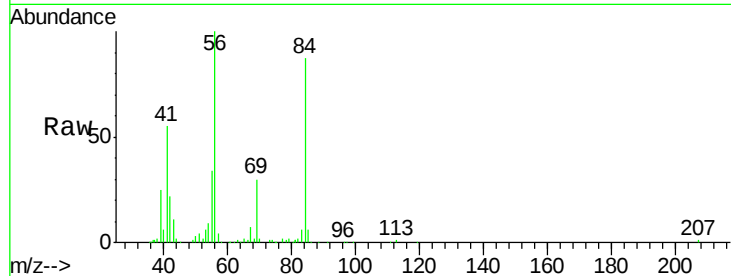
#31
Cvclohexane
Concen: 20.332 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.0	37.4
84	86.2	69.1	103.7

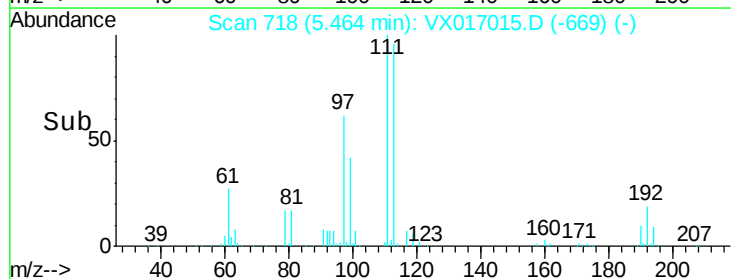
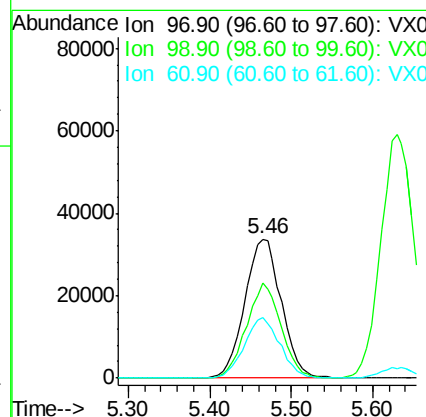
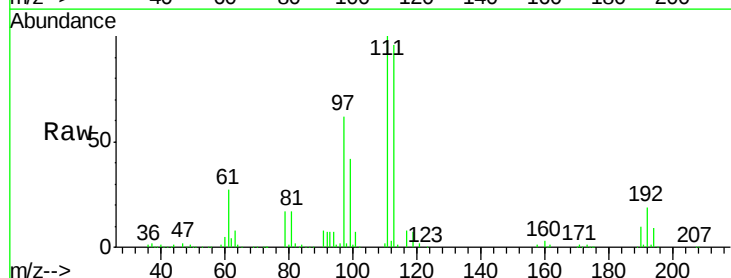
Manual Integrations
APPROVED

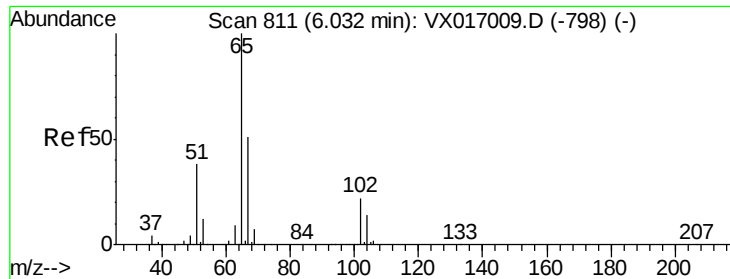
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.465 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.8	76.2
61	42.7	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 50.956 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 65 Resp: 185862

Ion Ratio Lower Upper

65 100

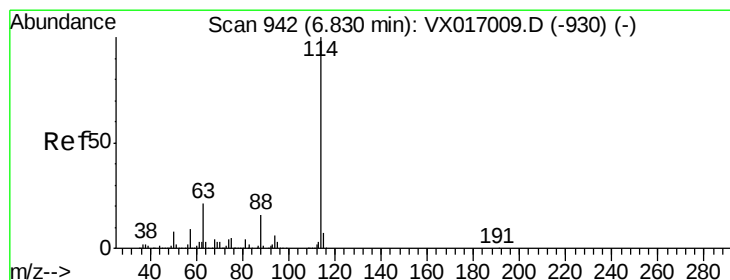
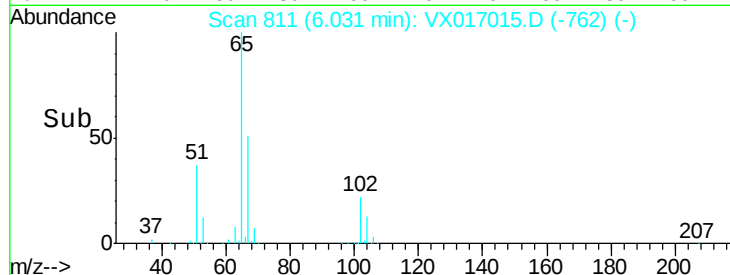
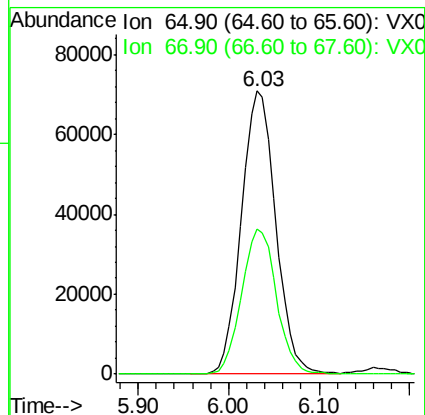
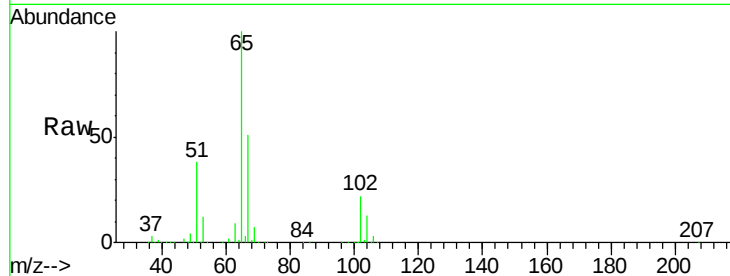
67 52.0 0.0 103.8

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: VX017015.D

Acq: 29 Jun 2020 18:32

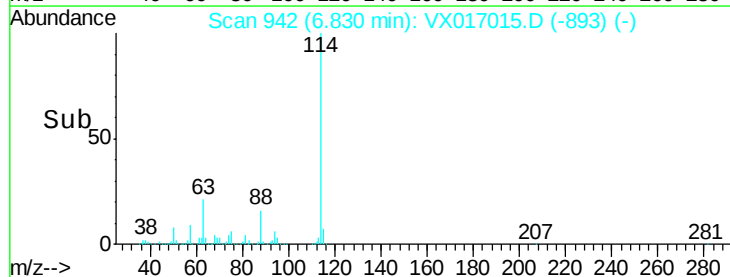
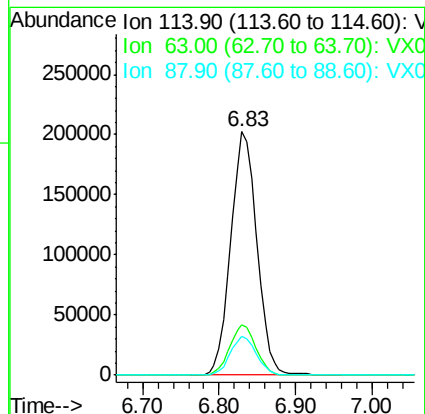
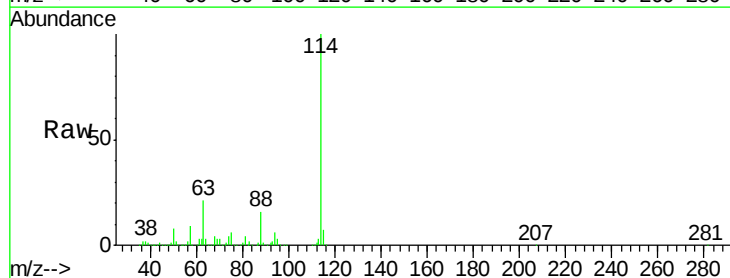
Tgt Ion: 114 Resp: 479277

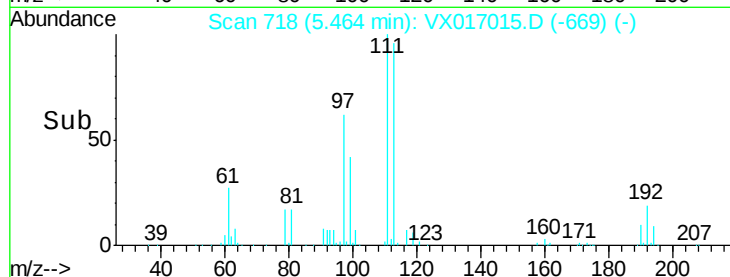
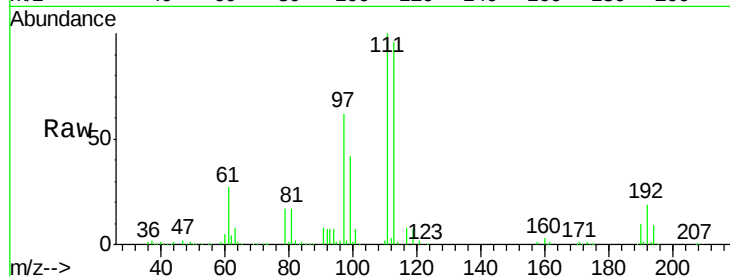
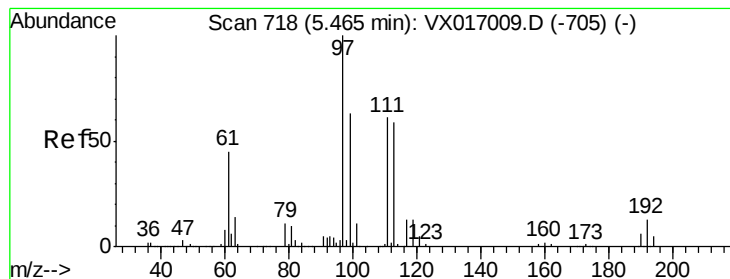
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.736 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017015.D

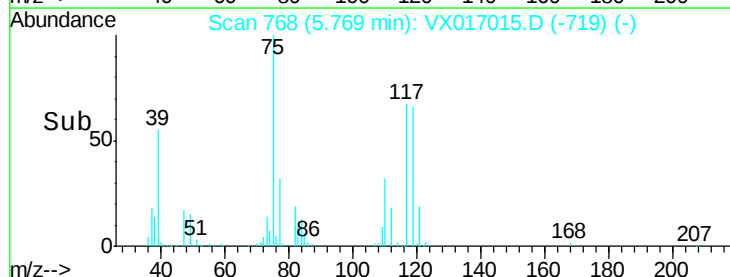
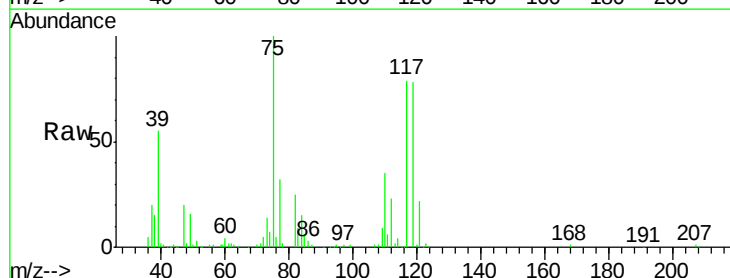
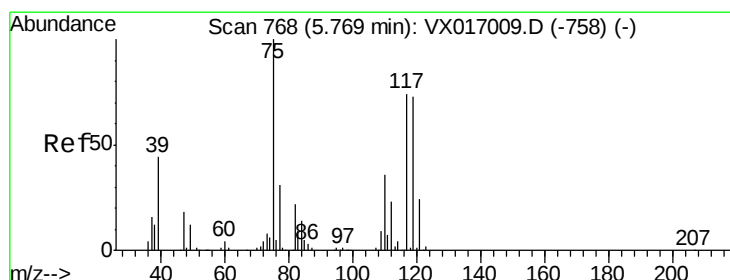
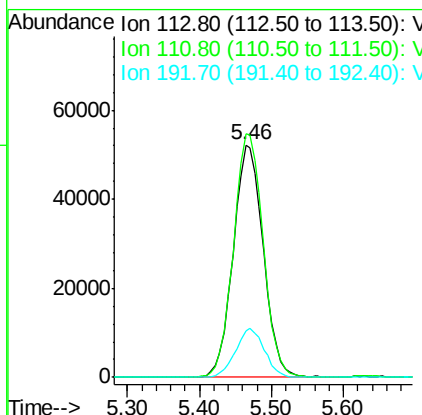
Acq: 29 Jun 2020 18:32

Tot Ion:	113	Resp:	150789
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.9	122.9
192	20.4	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.985 ug/l

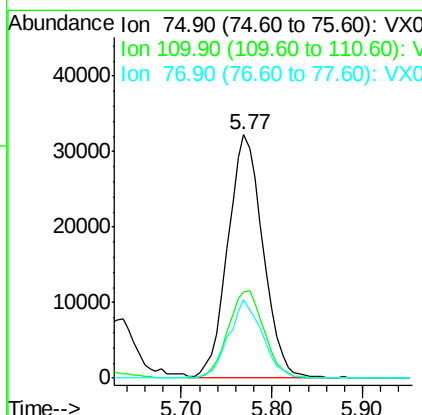
RT: 5.77 min Scan# 768

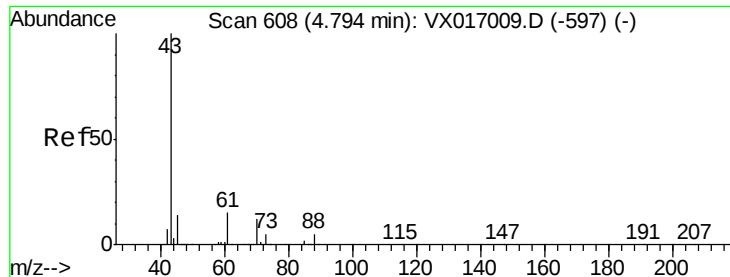
Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion:	75	Resp:	85995
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.1	54.1
77	31.4	24.6	37.0





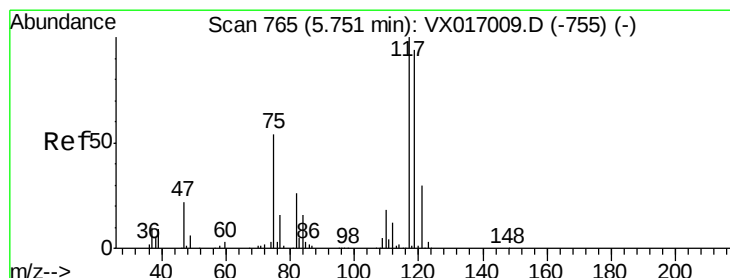
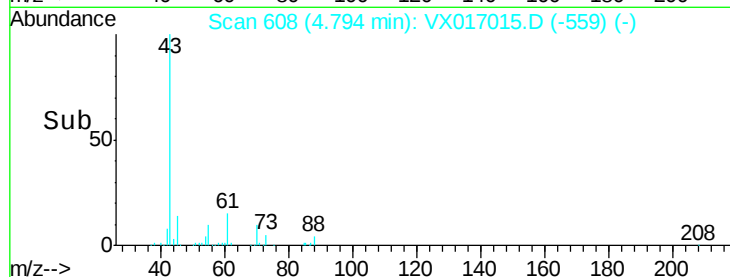
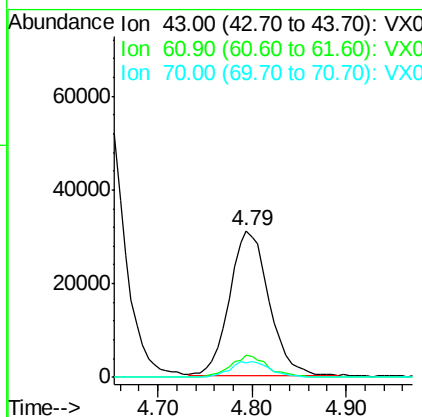
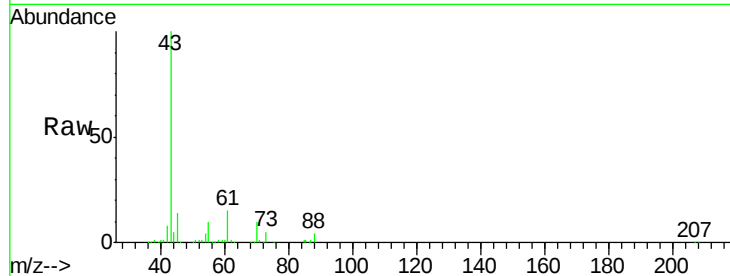
#37
Ethyl Acetate
Concen: 19.674 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.0	16.4
70	11.2	8.9	13.3

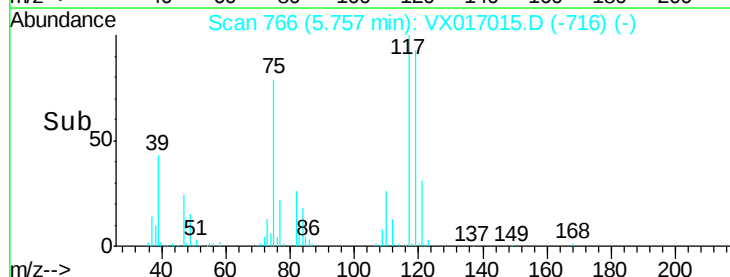
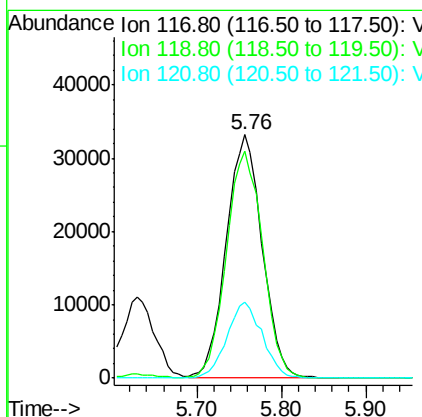
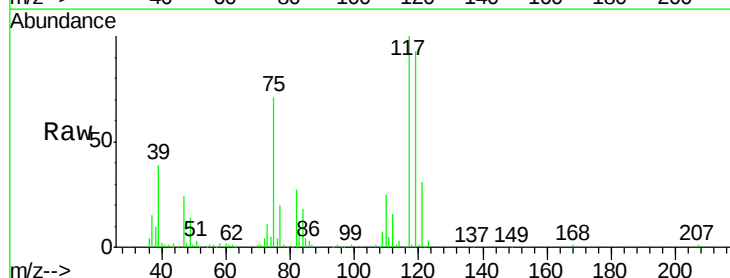
Manual Integrations
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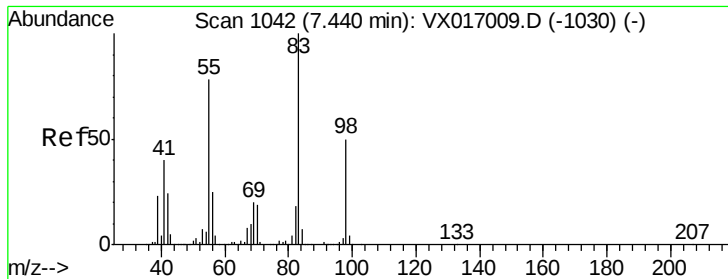
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6/30/2020 10:12:07 AM



#38
Carbon Tetrachloride
Concen: 19.258 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.4	113.0
121	31.0	23.8	35.6





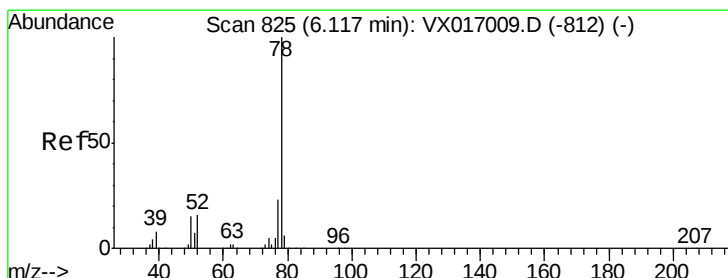
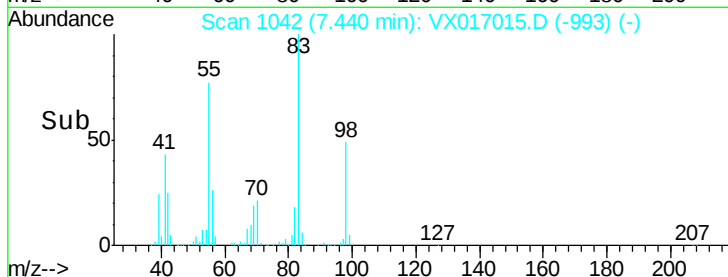
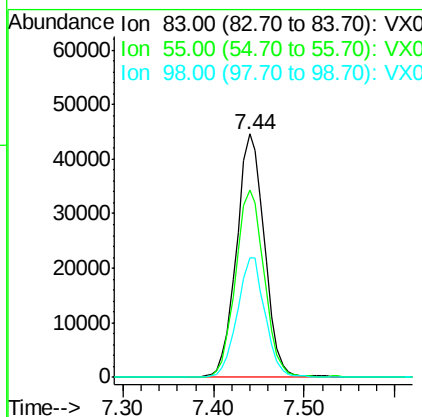
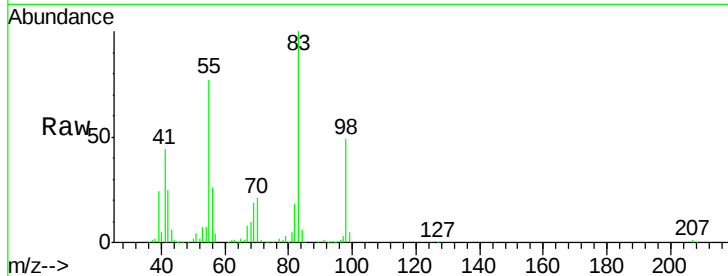
#39
Methvlcvclohexane
Concen: 18.932 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.5	93.7
98	49.0	40.1	60.1

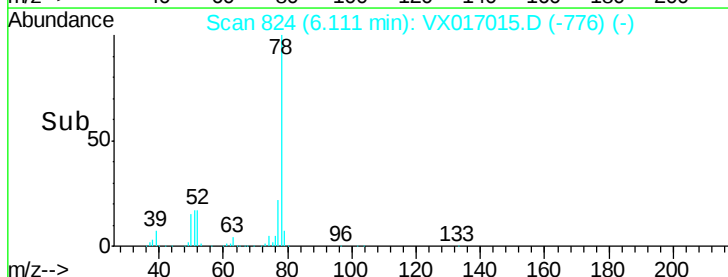
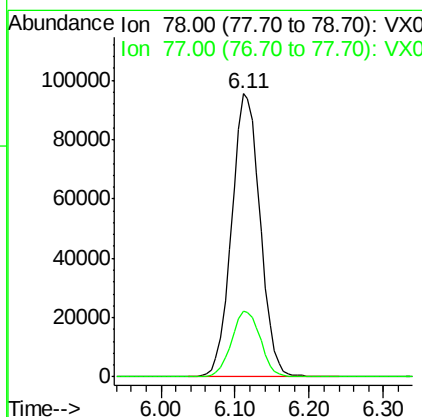
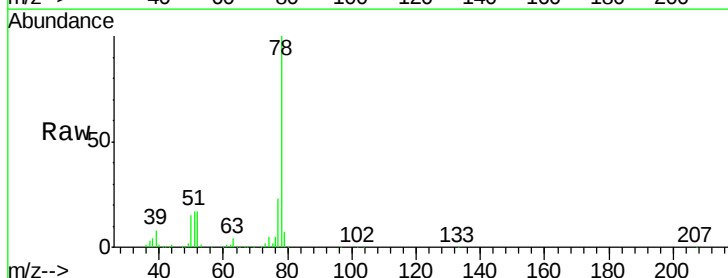
Manual Integrations
APPROVED

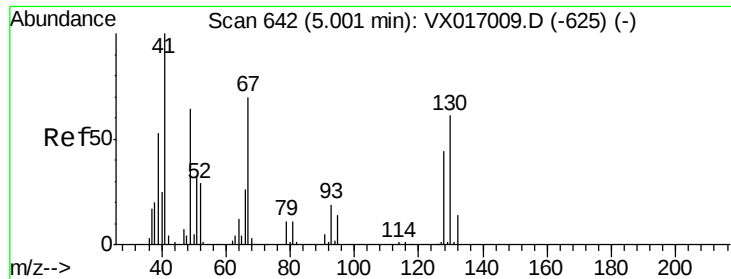
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#40
Benzene
Concen: 19.212 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.3	27.5





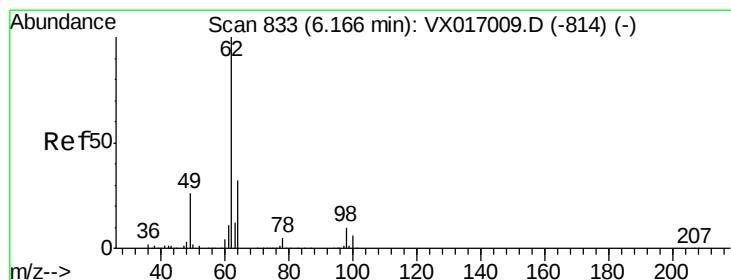
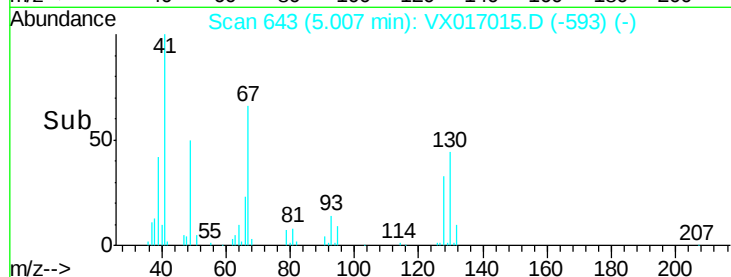
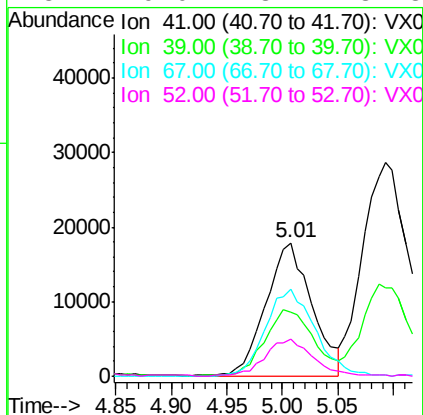
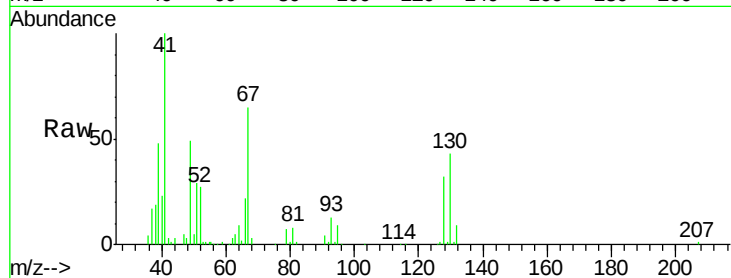
#41
Methacrylonitrile
Concen: 19.982 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		51688		
39	52.5	44.4	66.6		
67	70.1	57.1	85.7		
52	29.0	23.2	34.8		

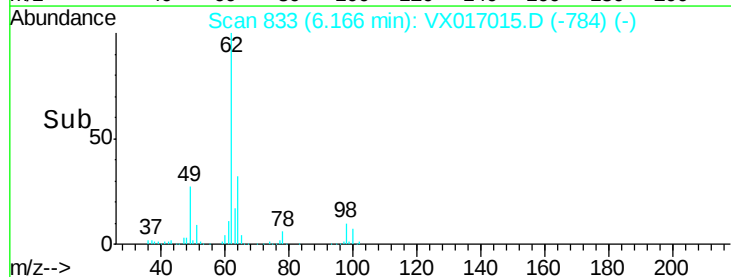
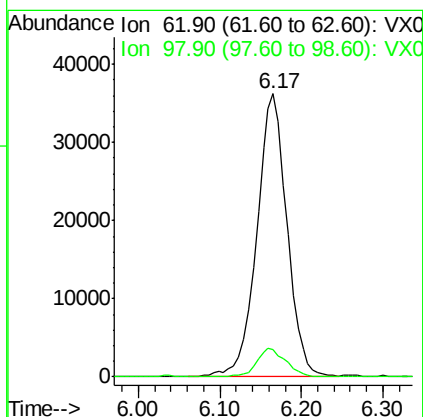
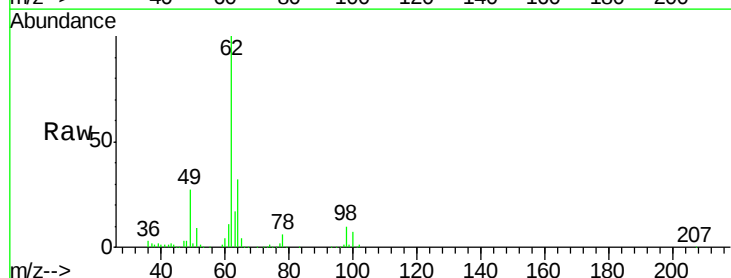
Manual Integrations
APPROVED

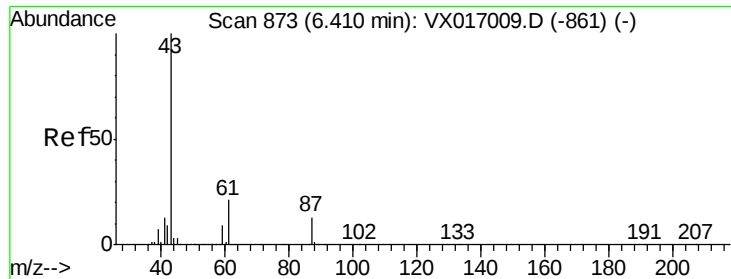
MMDadoda
6/30/2020 10:12:07 AM



#42
1,2-Dichloroethane
Concen: 19.290 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		92733		
98	9.8	0.0	19.2		





#43

Isopropyl Acetate

Concen: 19.203 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

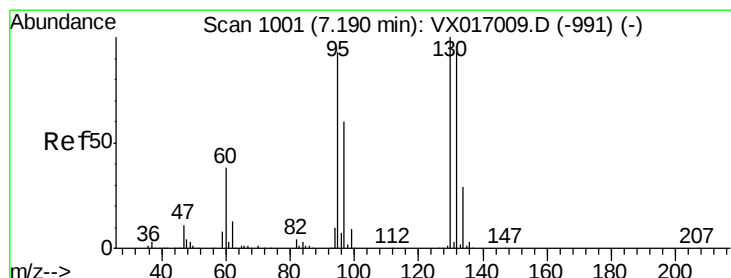
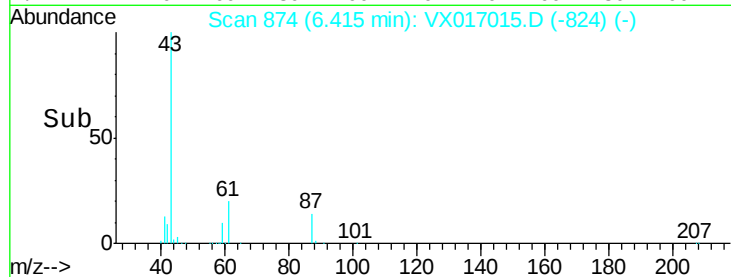
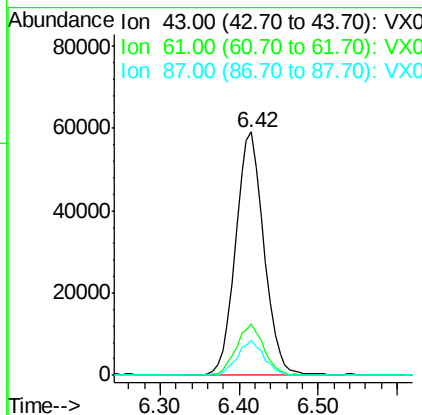
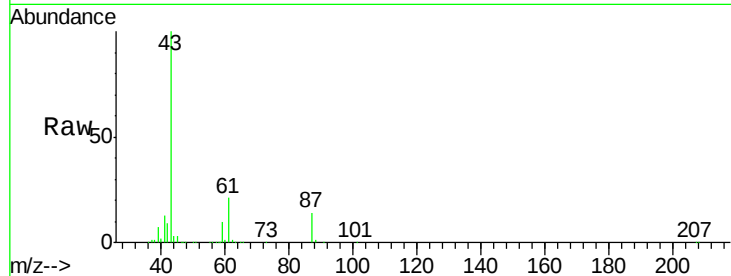
ClientSampleId :

VX0629WBSD01

Tot Ion:	43	Resp:	146652
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.2	24.2
87	13.7	10.7	16.1

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#44

Trichloroethene

Concen: 19.535 ug/l

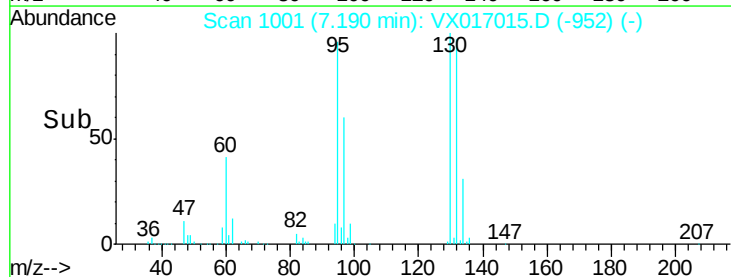
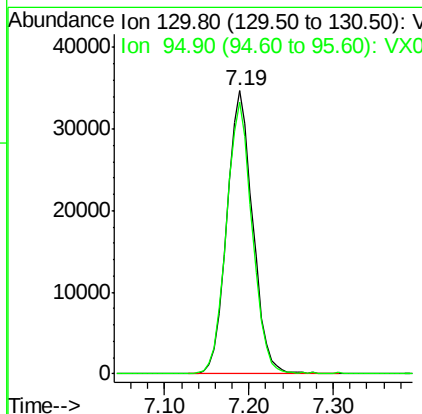
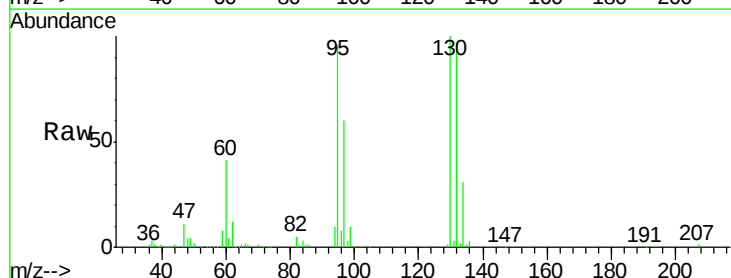
RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion:	130	Resp:	72437
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	185.0





#45

1,2-Dichloropropane

Concen: 19.257 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampled :

VX0629WBSD01

Tot Ion: 63 Resp: 65829

Ion Ratio Lower Upper

63 100

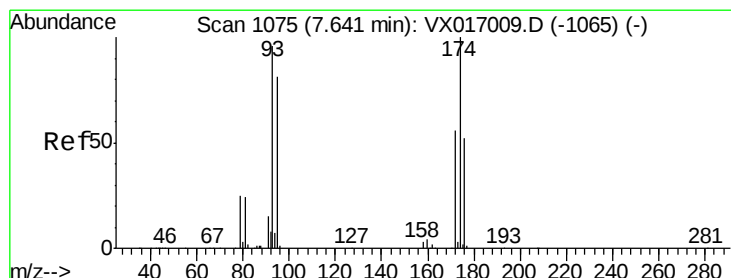
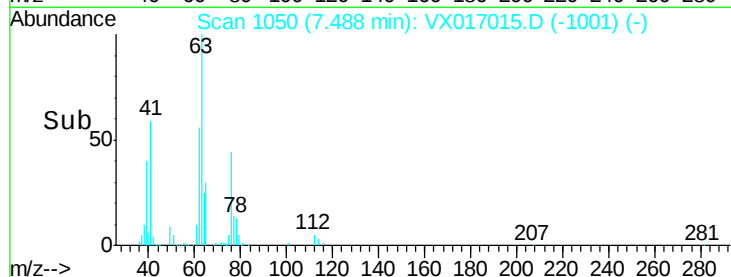
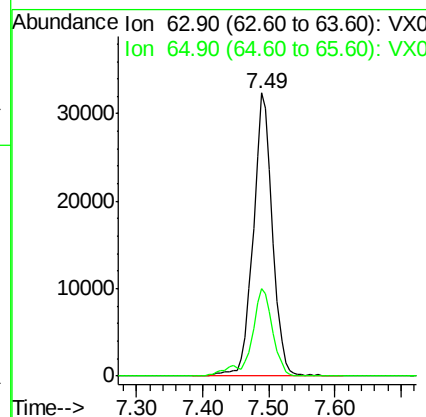
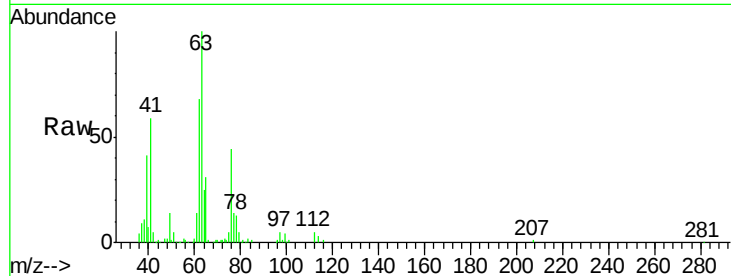
65 30.9 24.6 36.8

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#46

Dibromomethane

Concen: 18.925 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

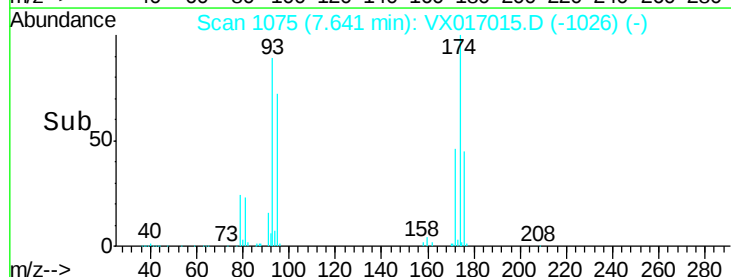
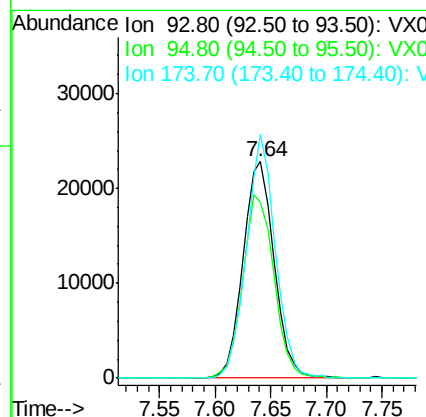
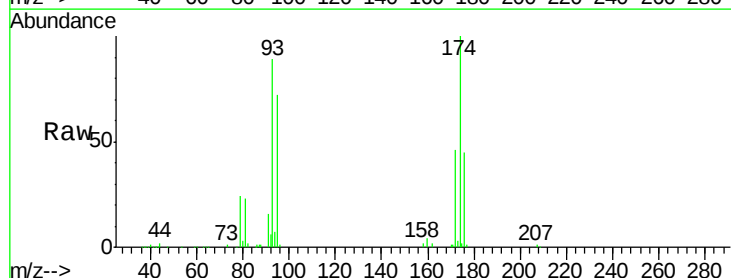
Tgt Ion: 93 Resp: 44166

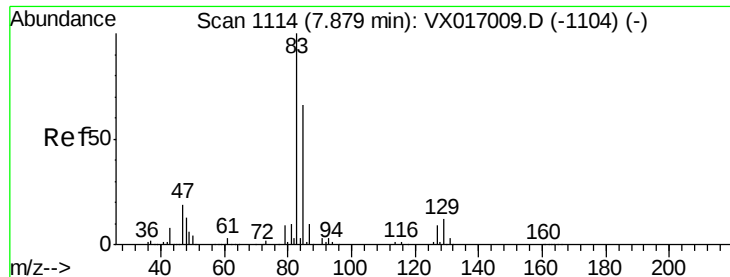
Ion Ratio Lower Upper

93 100

95 85.4 67.4 101.0

174 105.0 84.3 126.5





#47

Bromodichloromethane

Concen: 19.207 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

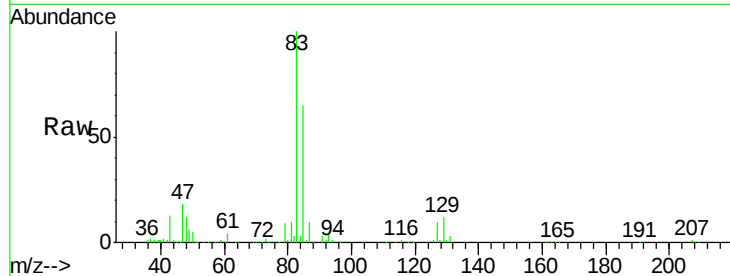
ClientSampleId :

VX0629WBSD01

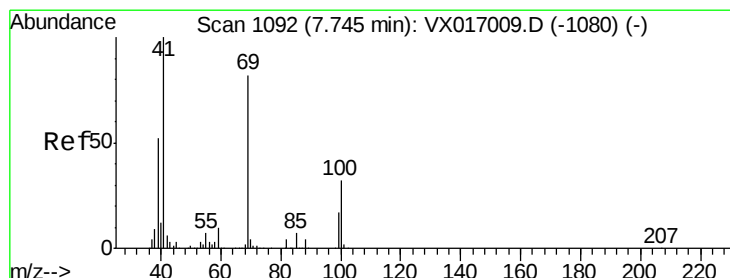
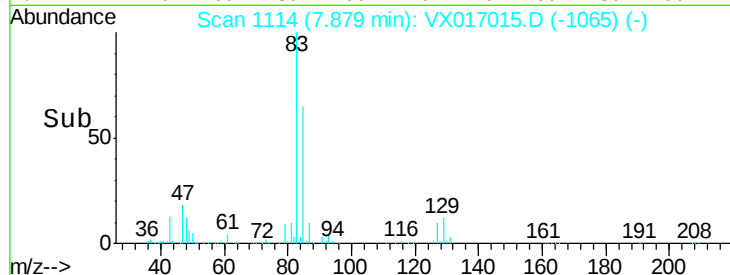
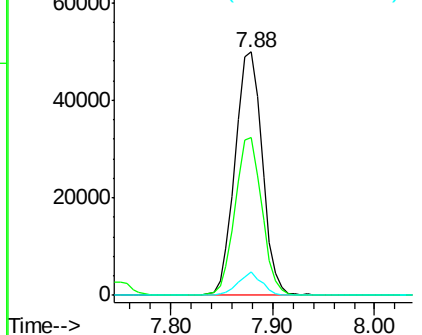
Tot Ion:	83	Resp:	92374
Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.0	79.4
127	9.7	7.5	11.3

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.288 ug/l

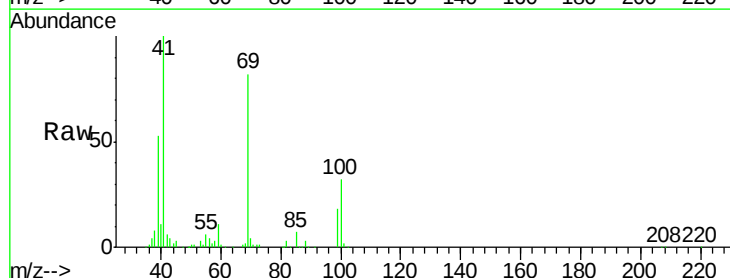
RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

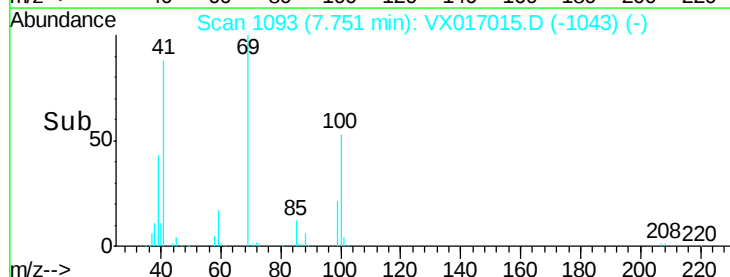
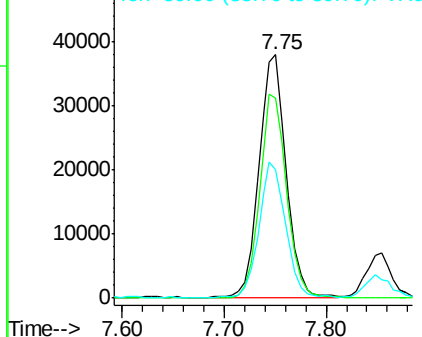
Lab File: VX017015.D

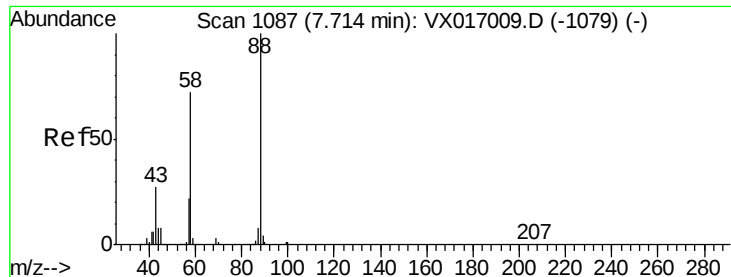
Acq: 29 Jun 2020 18:32

Tgt Ion:	41	Resp:	69984
Ion	Ratio	Lower	Upper
41	100		
69	83.7	65.8	98.8
39	55.8	42.5	63.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 411.926 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

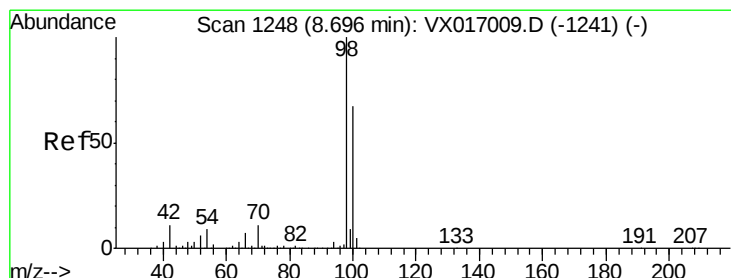
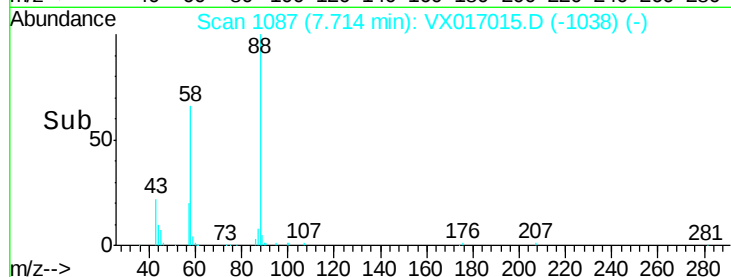
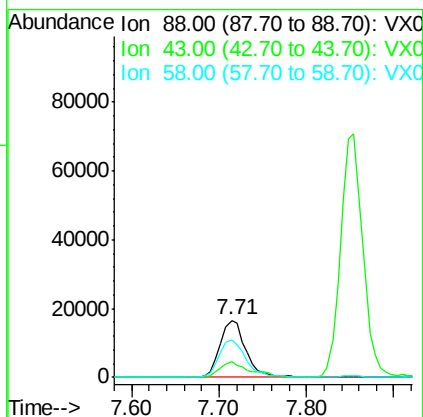
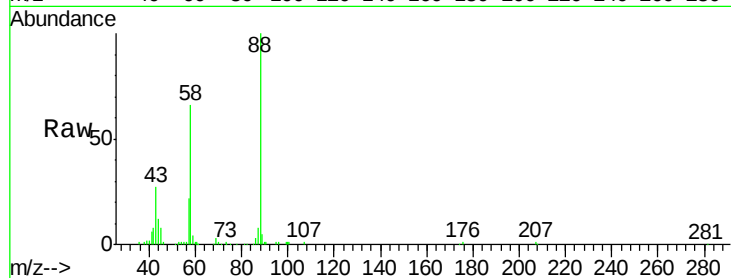
ClientSampleId :

VX0629WBSD01

Tot Ion:	88	Resp:	33860
Ion	Ratio	Lower	Upper
88	100		
43	29.9	25.8	38.8
58	69.3	54.8	82.2

Manual Integrations
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#50

Toluene-d8

Concen: 49.783 ug/l

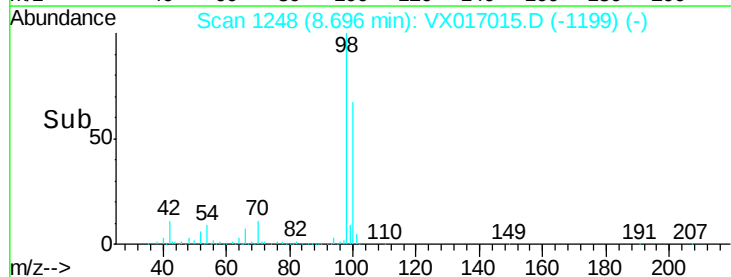
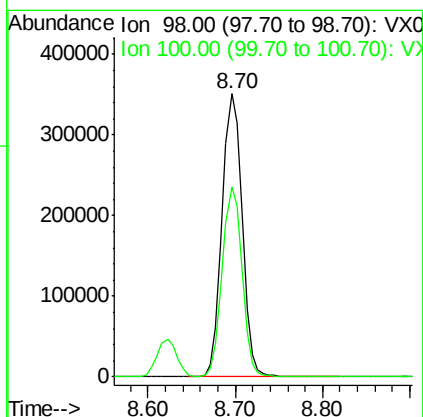
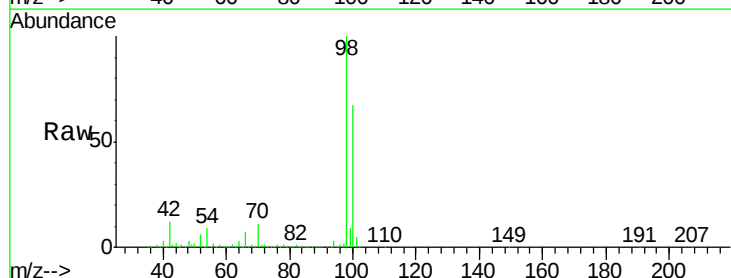
RT: 8.70 min Scan# 1248

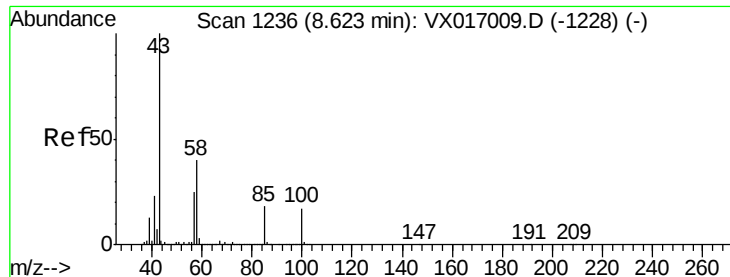
Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion:	98	Resp:	558107
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 99.819 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 43 Resp: 454421

Ion Ratio Lower Upper

43 100

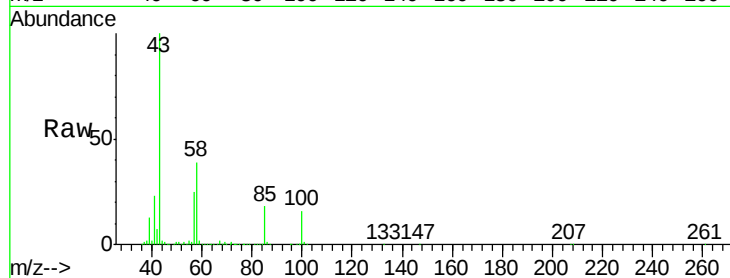
58 39.5 31.9 47.9

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

8.62

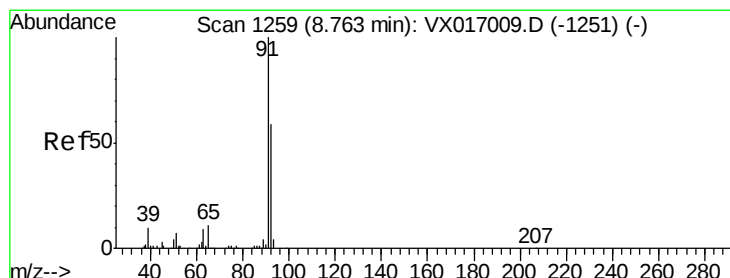
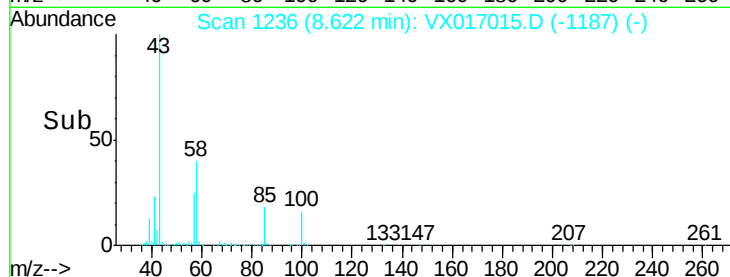
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.314 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017015.D

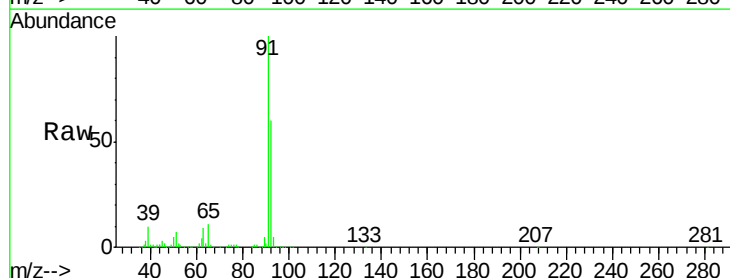
Acq: 29 Jun 2020 18:32

Tgt Ion: 92 Resp: 160490

Ion Ratio Lower Upper

92 100

91 168.6 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

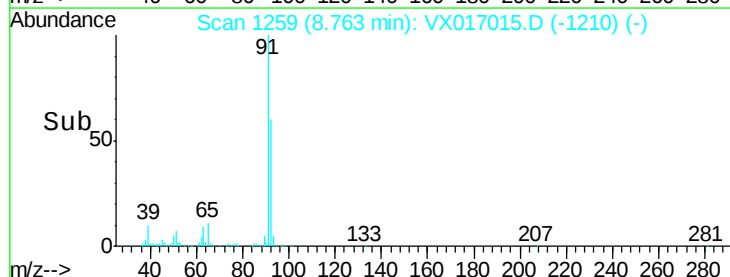
150000

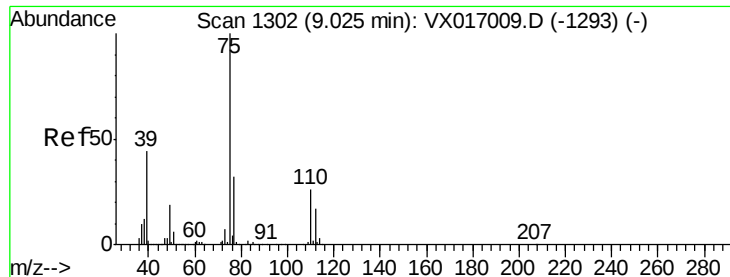
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.986 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 75 Resp: 100748

Ion Ratio Lower Upper

75 100

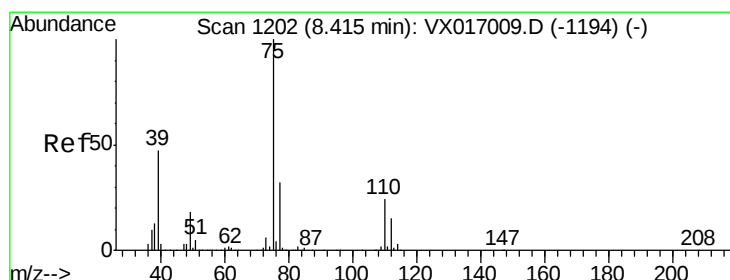
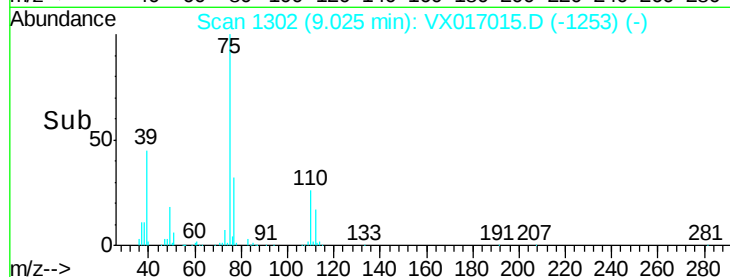
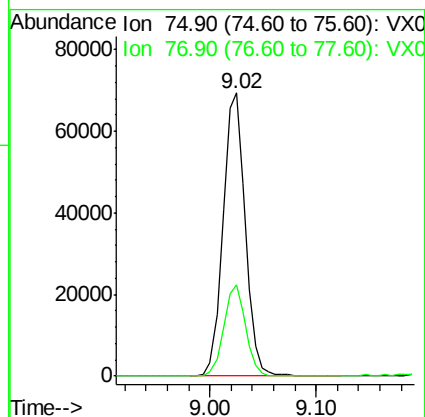
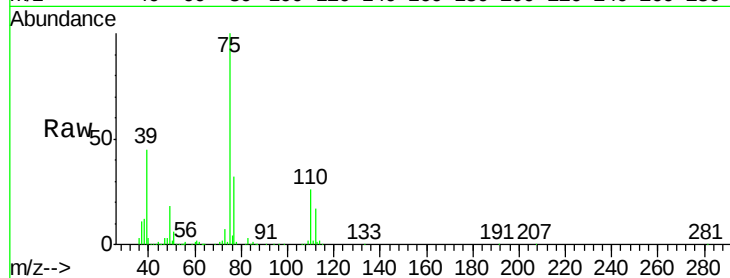
77 32.1 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.095 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

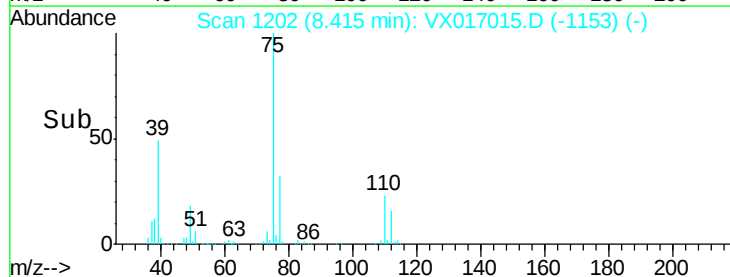
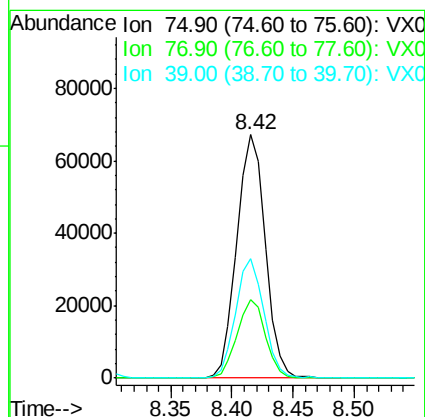
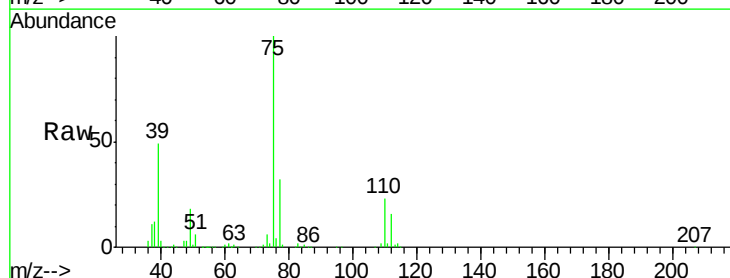
Tgt Ion: 75 Resp: 108620

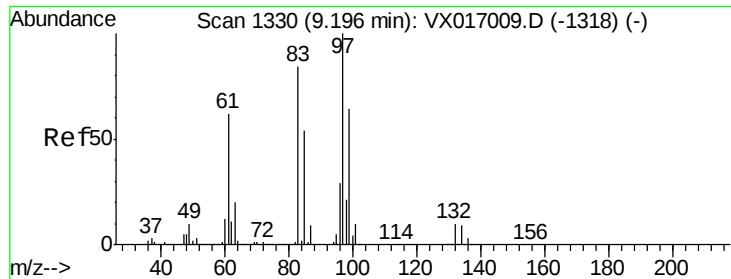
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 48.8 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 19.409 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 97 Resp: 65893

Ion Ratio Lower Upper

97 100

83 84.5 67.0 100.6

85 56.8 43.5 65.3

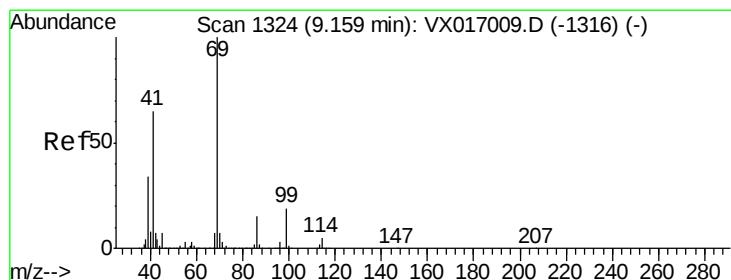
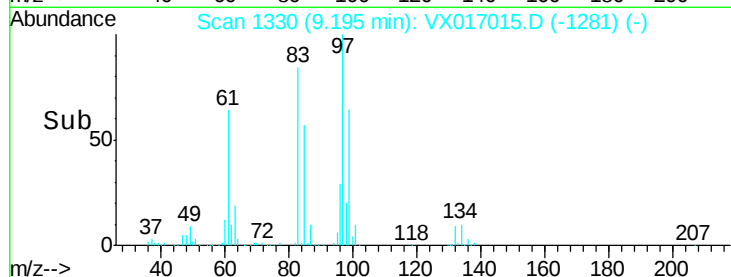
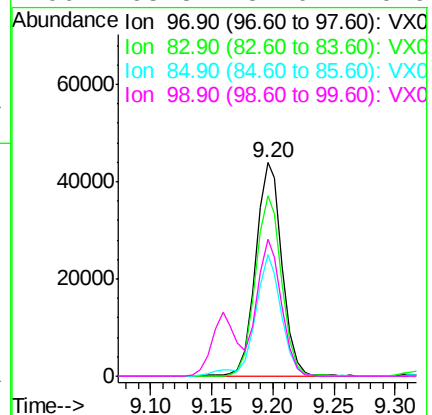
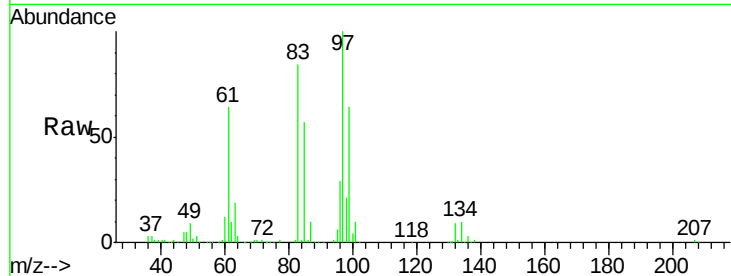
99 63.8 51.0 76.6

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#56

Ethyl methacrylate

Concen: 19.748 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

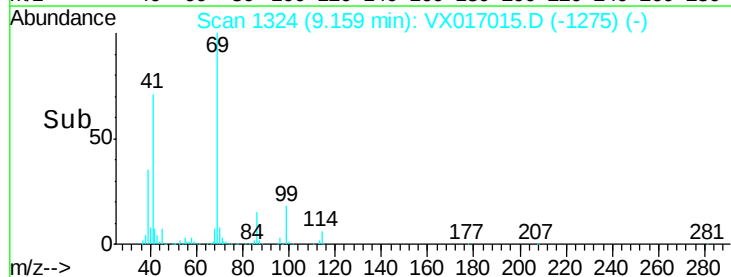
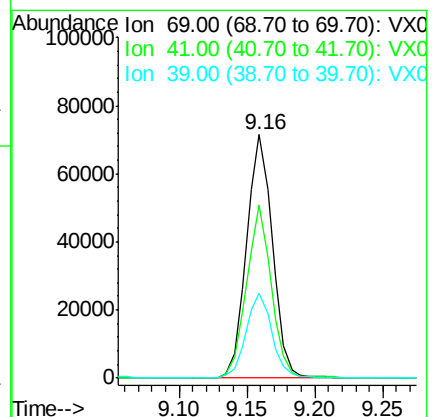
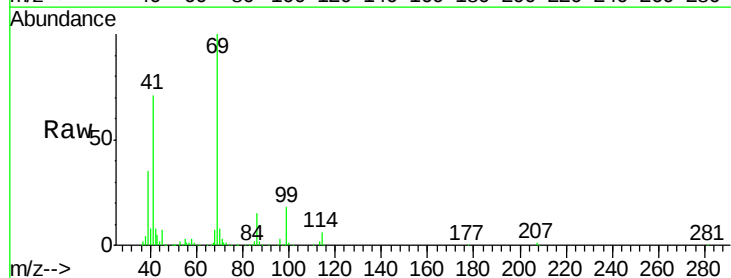
Tgt Ion: 69 Resp: 95428

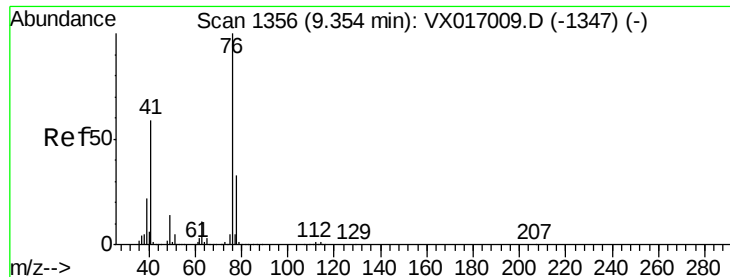
Ion Ratio Lower Upper

69 100

41 68.2 53.6 80.4

39 34.6 28.2 42.2





#57

1,3-Dichloropropane

Concen: 19.386 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 76 Resp: 111369

Ion Ratio Lower Upper

76 100

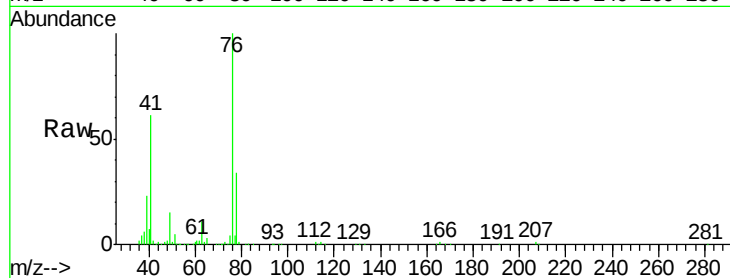
78 32.1 25.9 38.9

Manual Integrations

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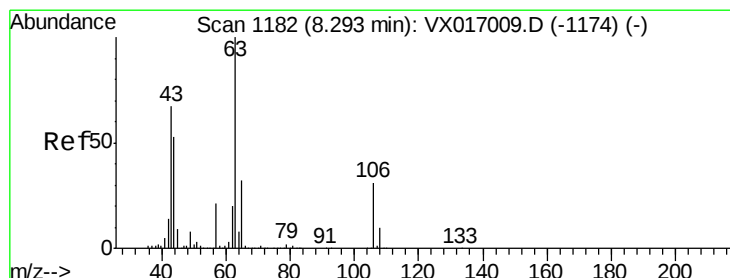
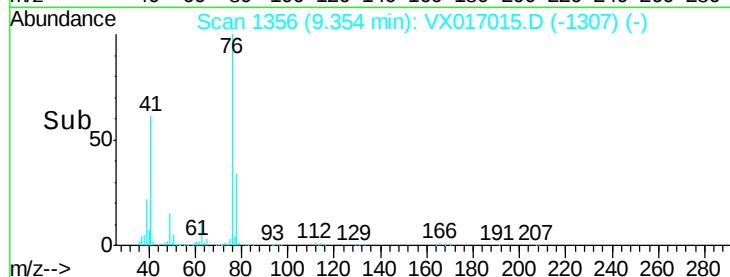
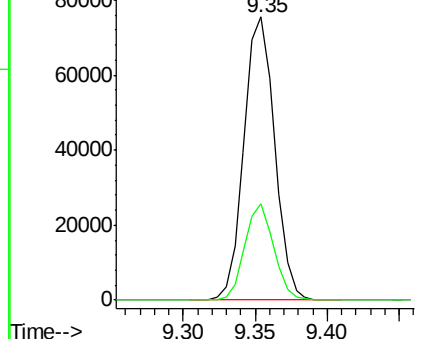
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.689 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017015.D

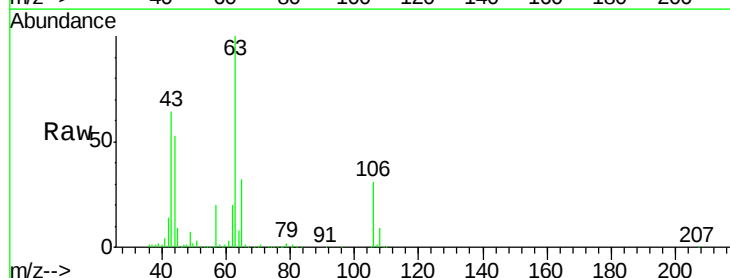
Acq: 29 Jun 2020 18:32

Tgt Ion: 63 Resp: 237342

Ion Ratio Lower Upper

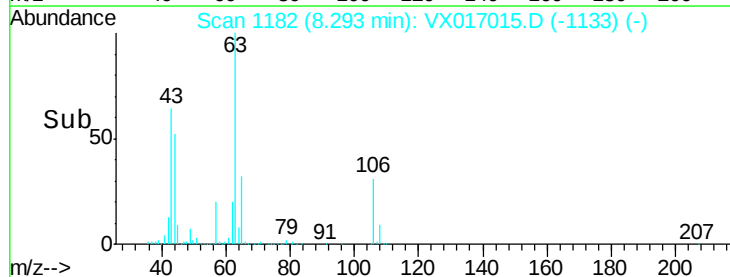
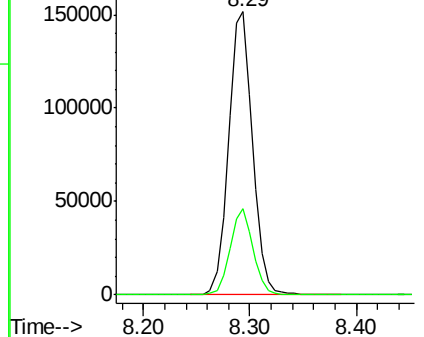
63 100

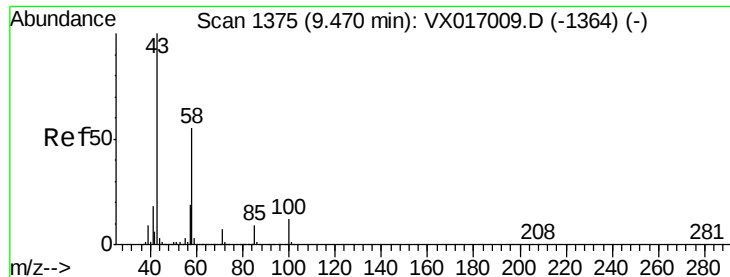
106 29.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





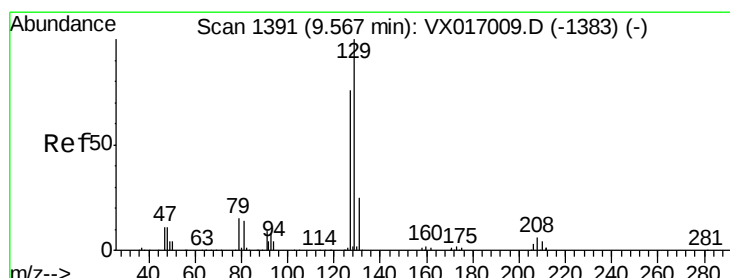
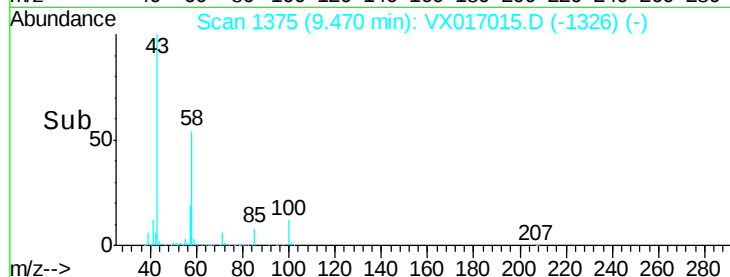
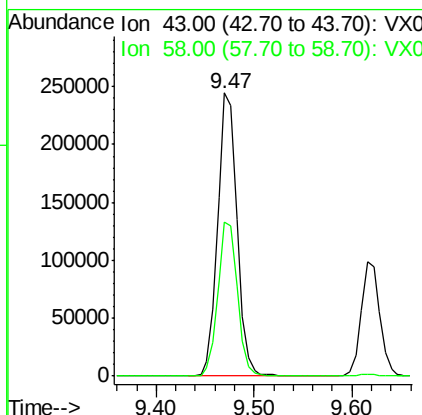
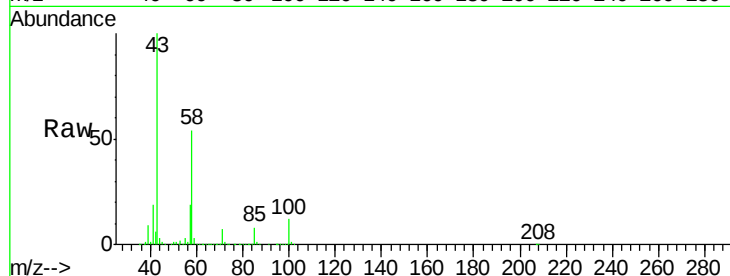
#59
2-Hexanone
Concen: 101.287 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion: 43 Resp: 336760
Ion Ratio Lower Upper
43 100
58 54.8 27.9 83.6

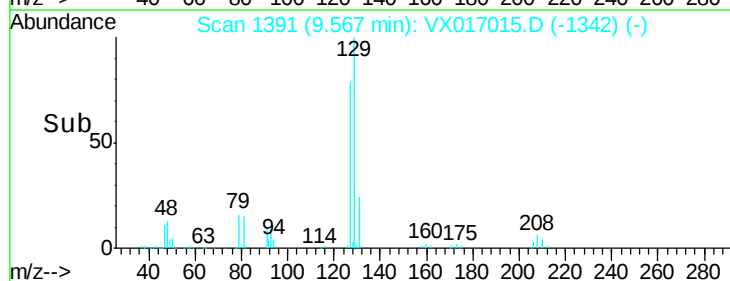
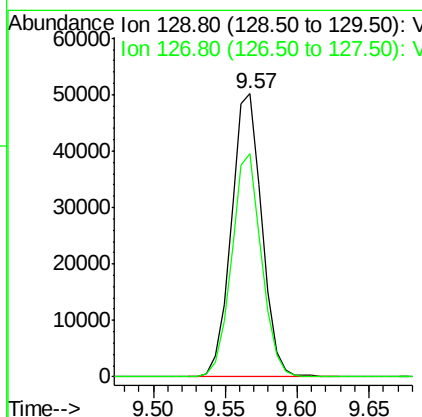
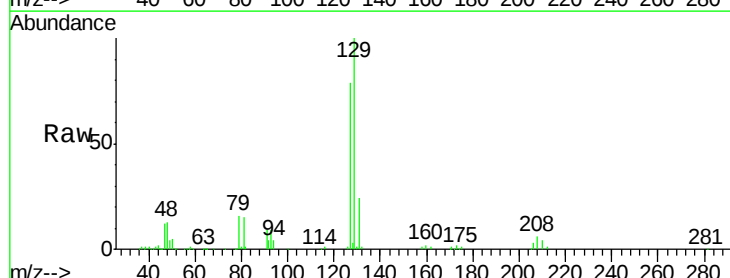
Manual Integrations
APPROVED

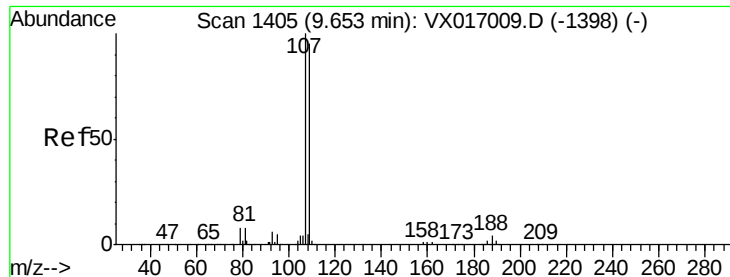
MMDadoda
6/30/2020 10:12:07 AM



#60
Dibromochloromethane
Concen: 18.795 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion: 129 Resp: 74113
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





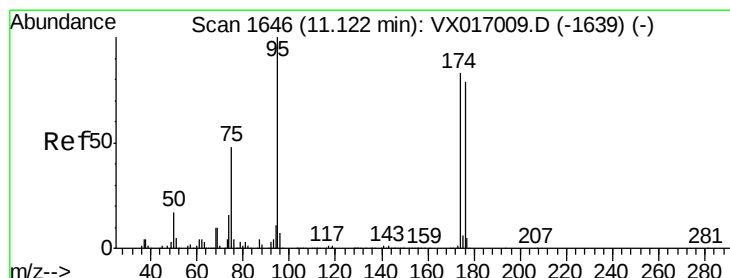
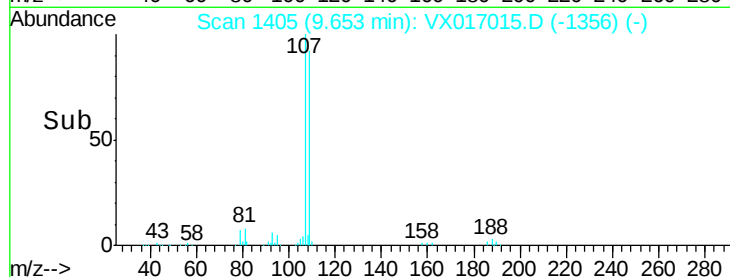
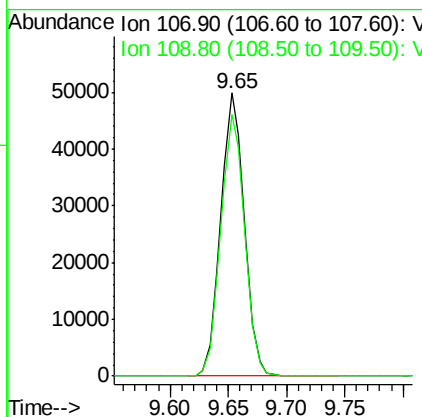
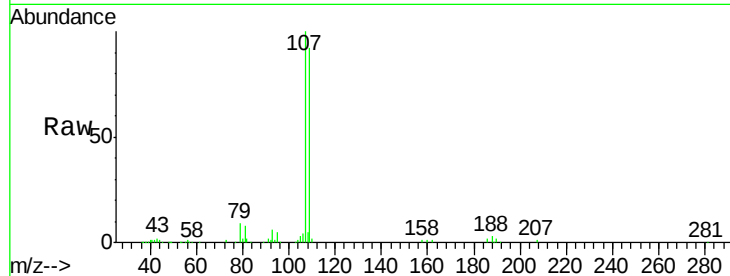
#61
 1,2-Dibromoethane
 Concen: 19.117 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.8	113.8

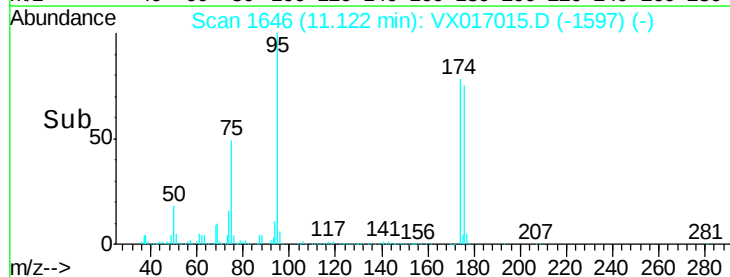
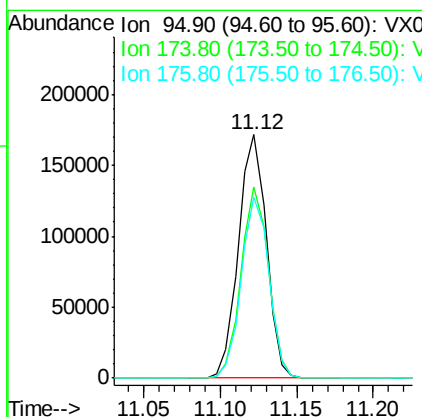
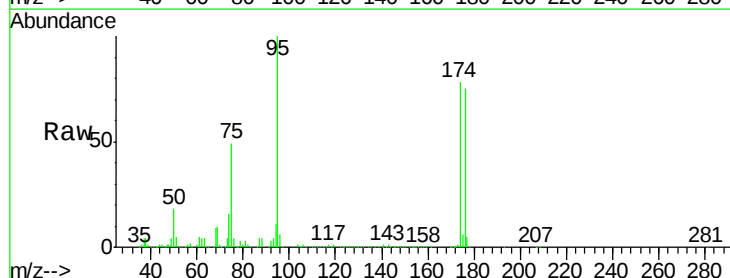
Manual Integrations
 APPROVED

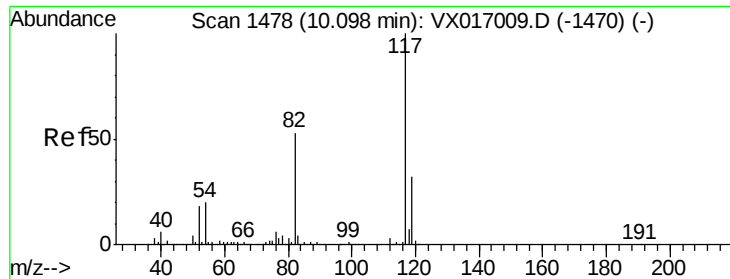
MMDadoda
 6/30/2020 10:12:07 AM



#62
 4-Bromofluorobenzene
 Concen: 49.490 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	164.0
176	74.3	0.0	157.6





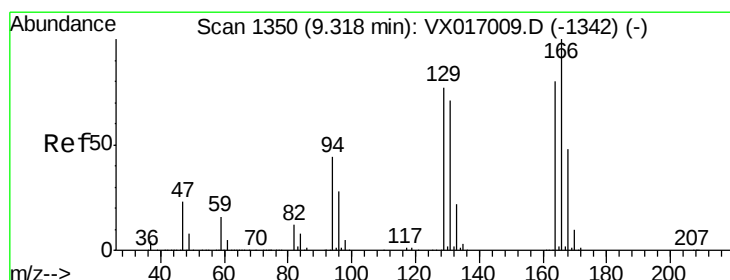
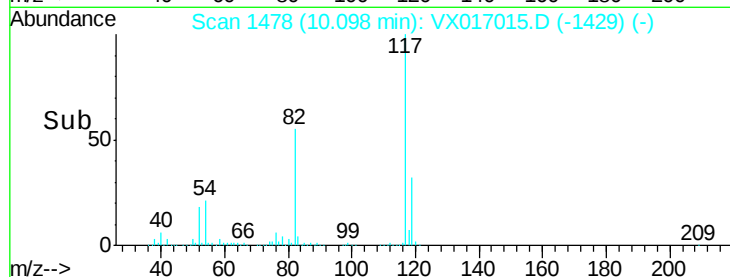
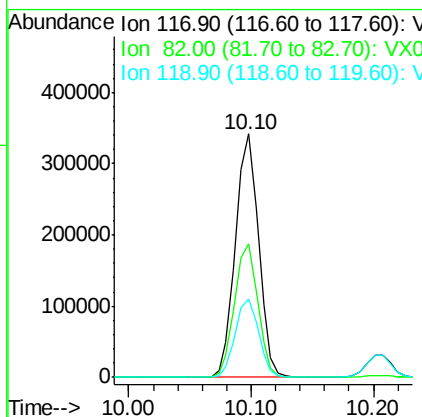
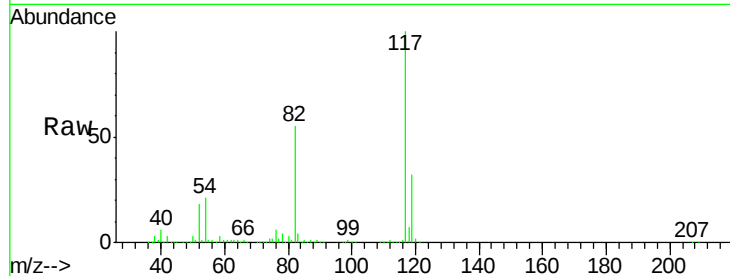
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	448139		
82	54.7	42.6	63.8	
119	32.2	25.4	38.2	

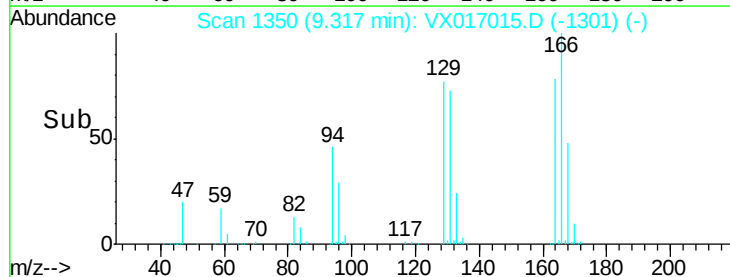
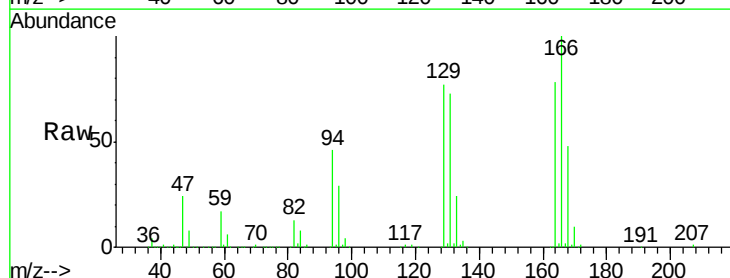
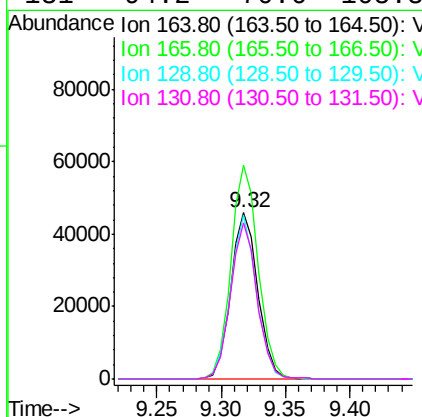
Manual Integrations
APPROVED

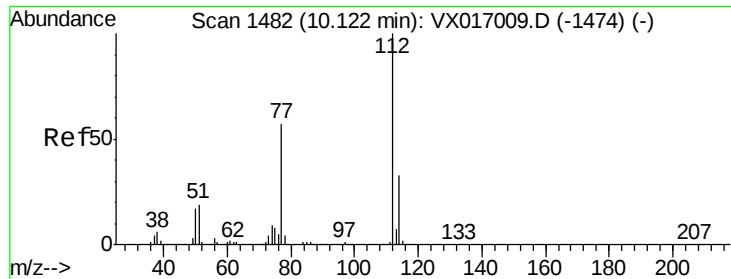
MMDadoda
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#64
Tetrachloroethene
Concen: 18.599 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67270		
166	128.6	99.4	149.0	
129	98.8	76.3	114.5	
131	94.2	70.6	105.8	





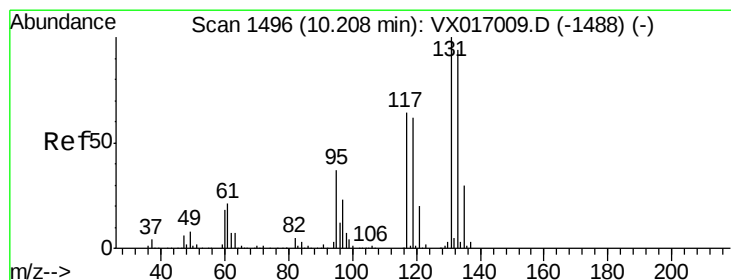
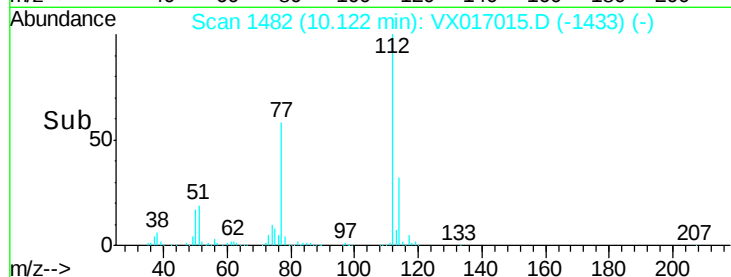
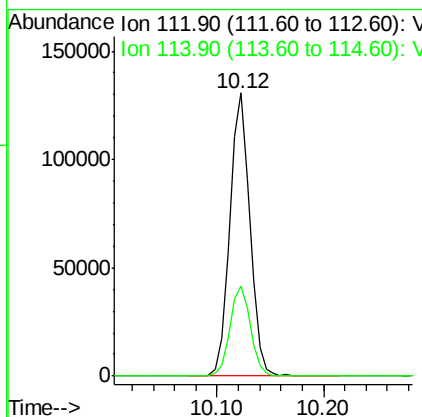
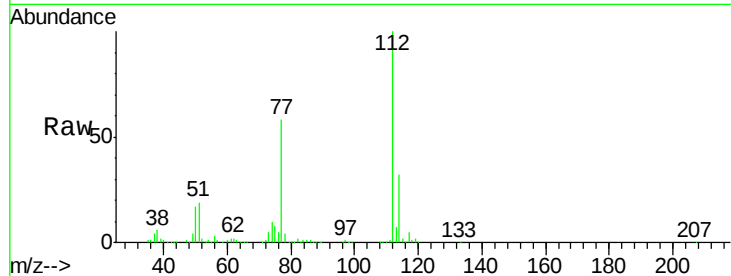
#65
Chlorobenzene
Concen: 18.786 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.4

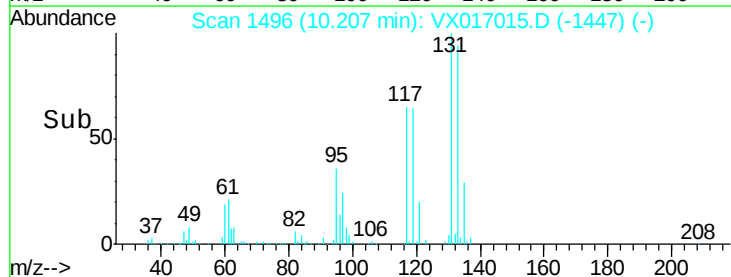
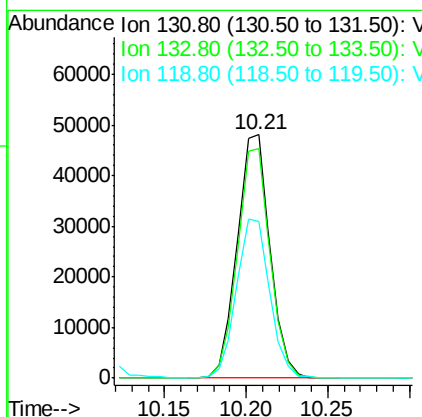
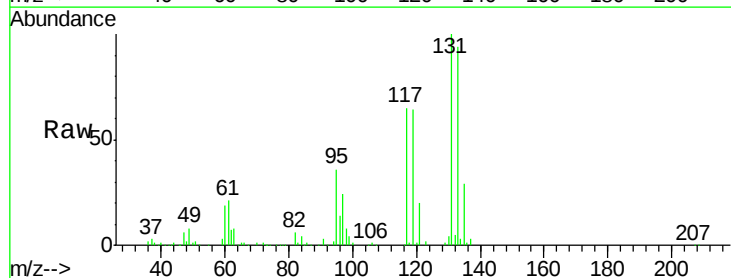
Manual Integrations
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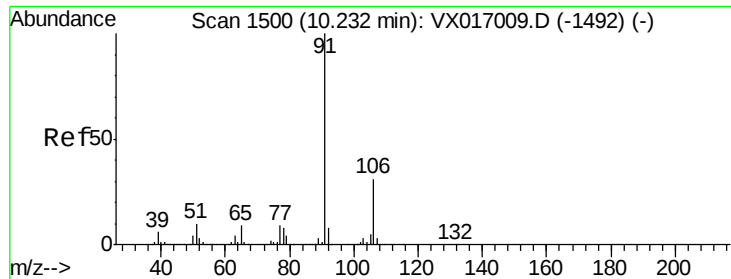
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.918 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.3	141.9
119	66.1	31.9	95.5





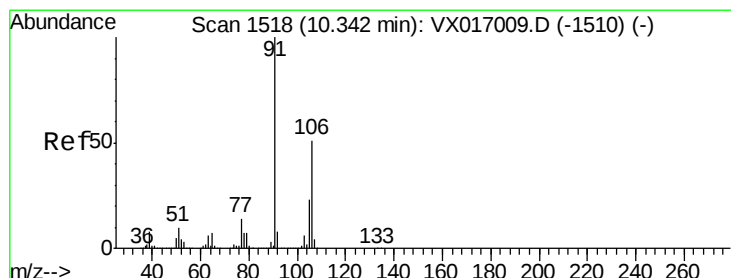
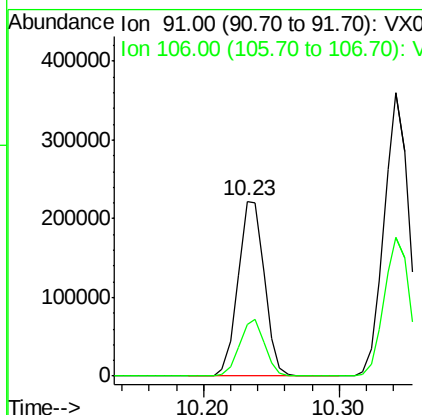
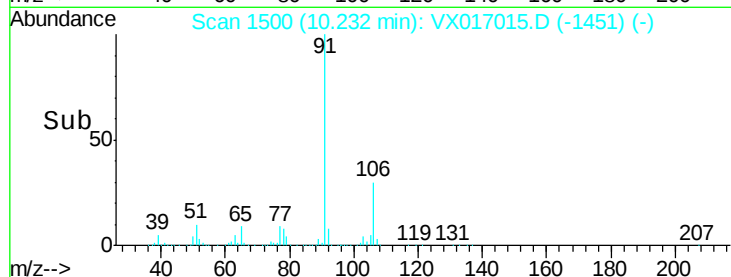
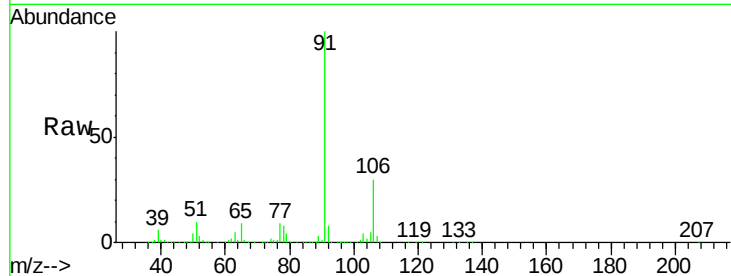
#67
Ethyl Benzene
Concen: 19.413 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion: 91 Resp: 299856
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1

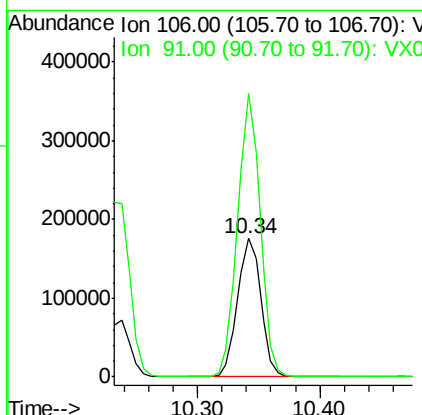
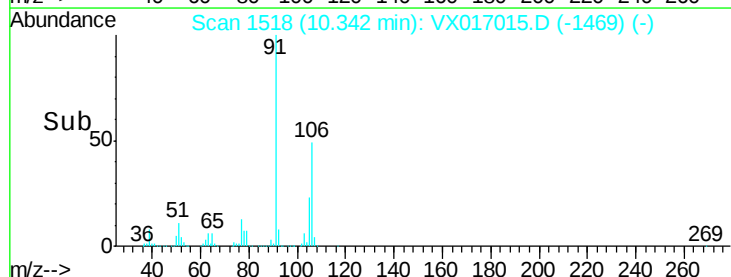
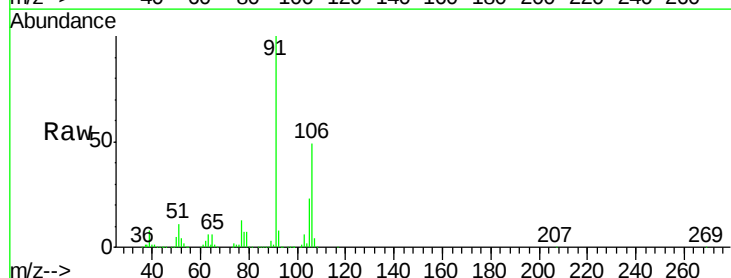
Manual Integrations
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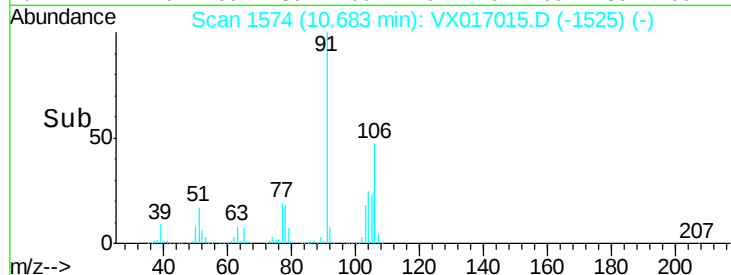
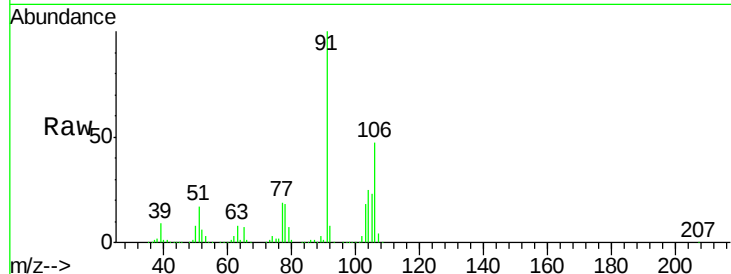
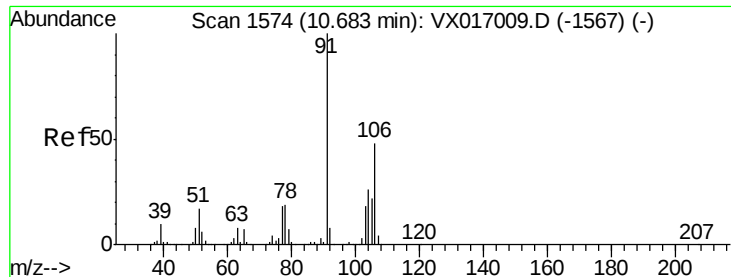
MMDadoda
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#68
m/p-Xylenes
Concen: 39.075 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion: 106 Resp: 231751
Ion Ratio Lower Upper
106 100
91 198.1 158.6 238.0





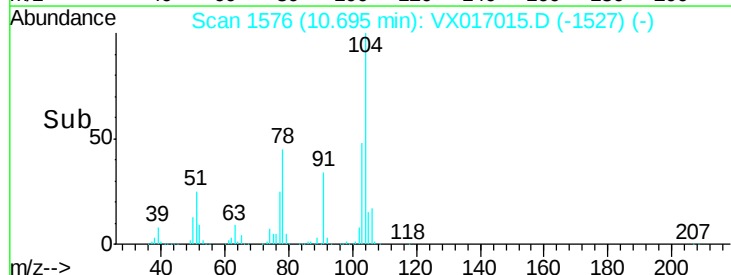
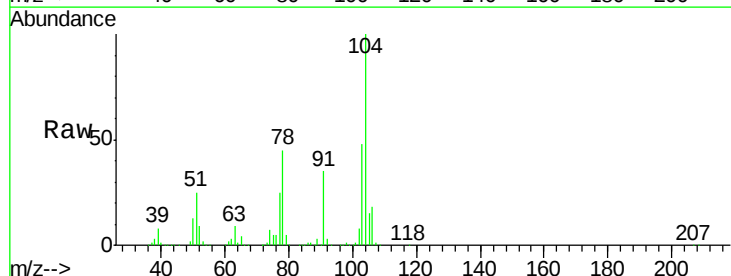
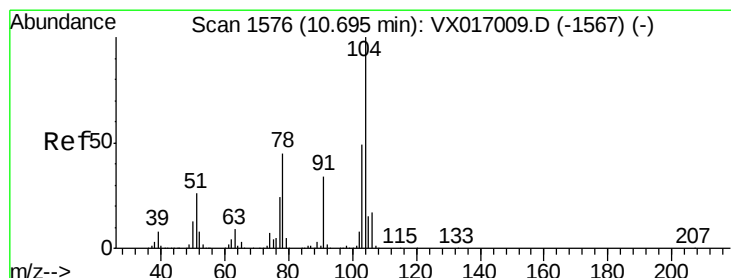
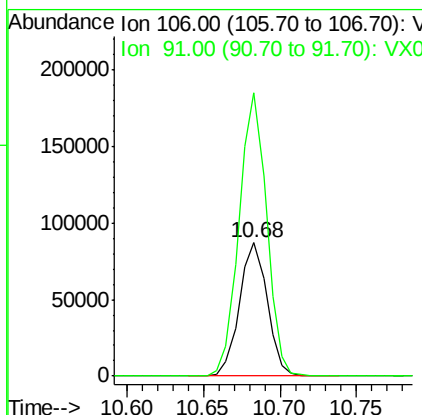
#69
o-Xylene
Concen: 19.482 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	109918		
91	91	210.4	105.6	316.7	

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

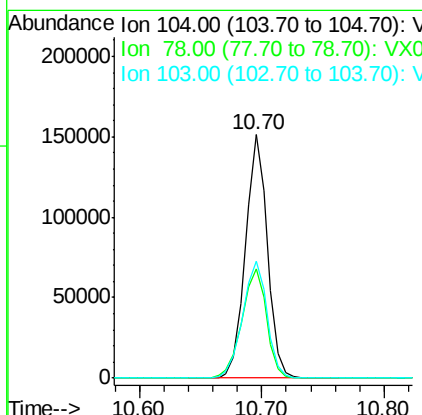
Manual Integrations
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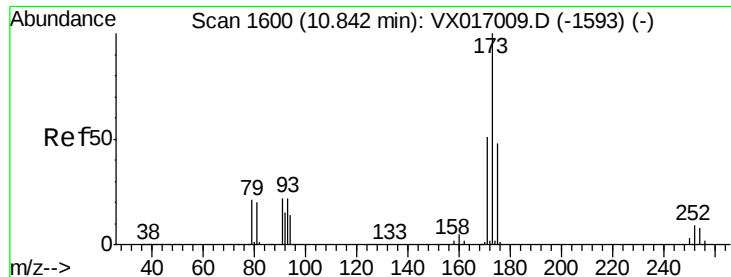
MMDadoda
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#70
Styrene
Concen: 19.607 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	188380		
78	78	50.4	39.5	59.3	
103	103	53.4	43.0	64.6	





#71

Bromoform

Concen: 18.849 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion:173 Resp: 53281

Ion Ratio Lower Upper

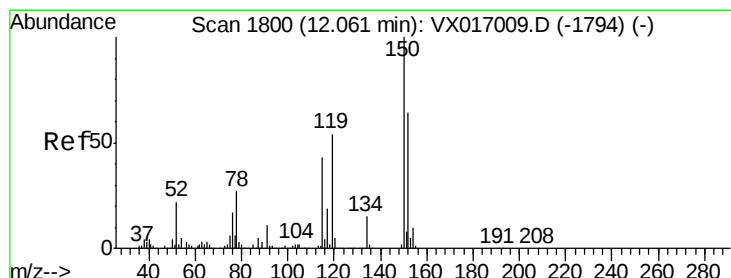
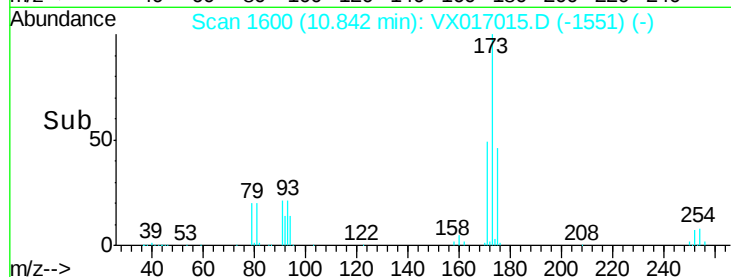
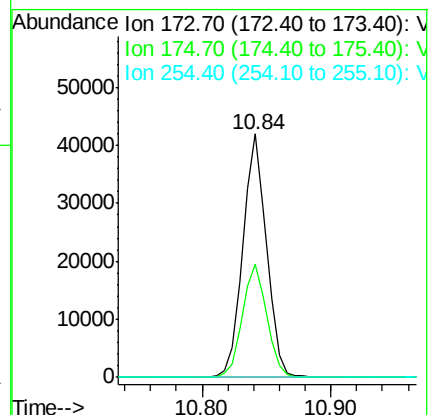
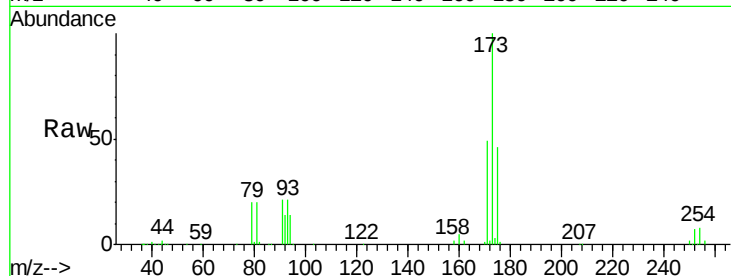
173 100

175 48.0 24.5 73.5

254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

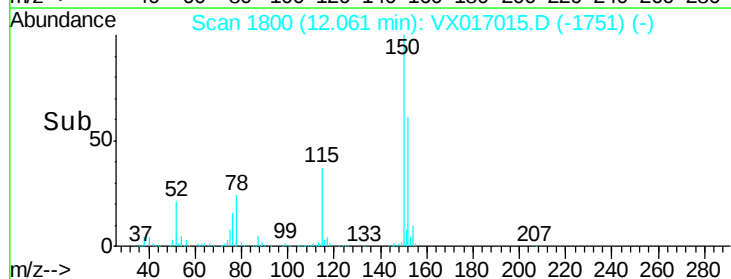
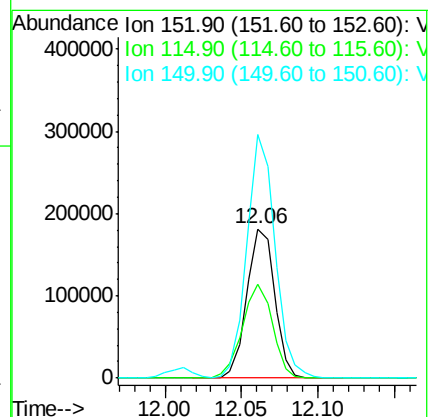
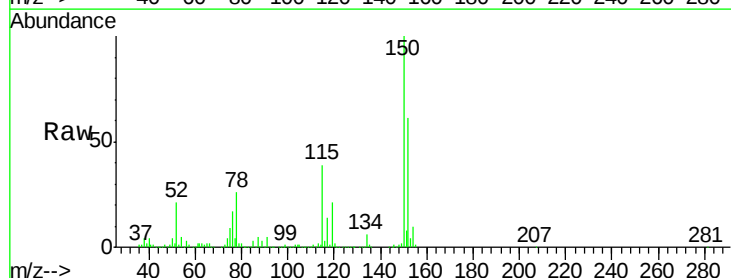
Tgt Ion:152 Resp: 229924

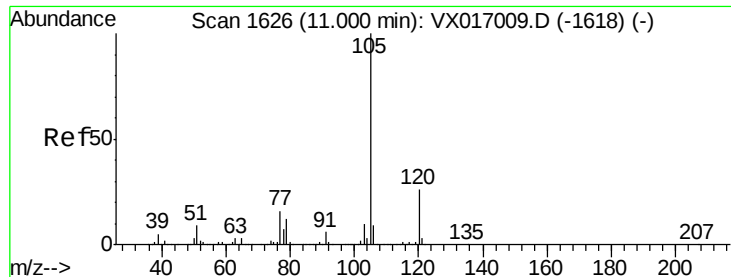
Ion Ratio Lower Upper

152 100

115 67.8 40.9 122.7

150 164.6 0.0 351.6





#73

Isopropylbenzene

Concen: 19.825 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 105 Resp: 298572

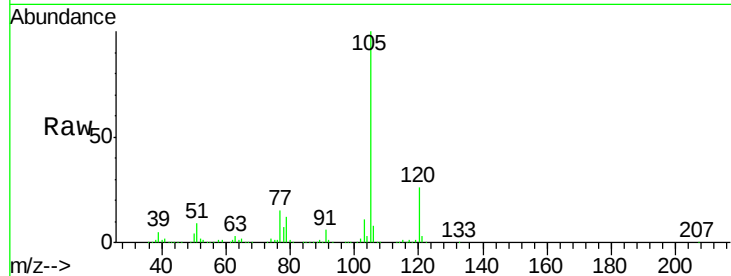
Ion Ratio Lower Upper

105 100

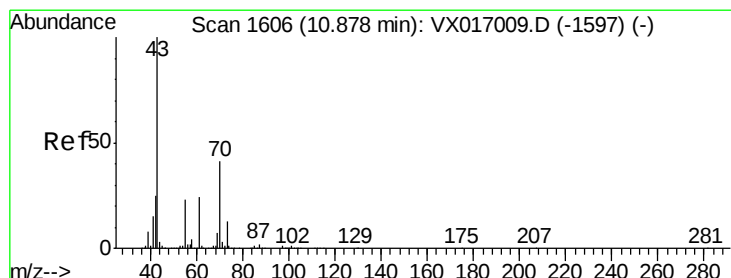
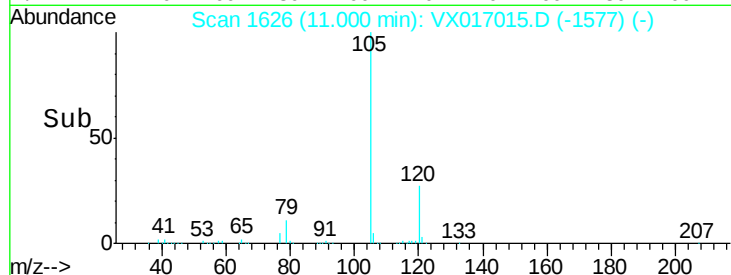
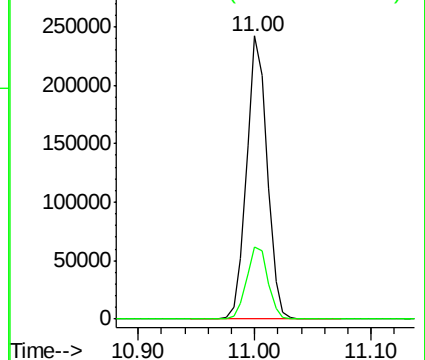
120 26.7 13.4 40.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.958 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion: 43 Resp: 128253

Ion Ratio Lower Upper

43 100

70 43.2 34.2 51.2

55 24.3 19.2 28.8

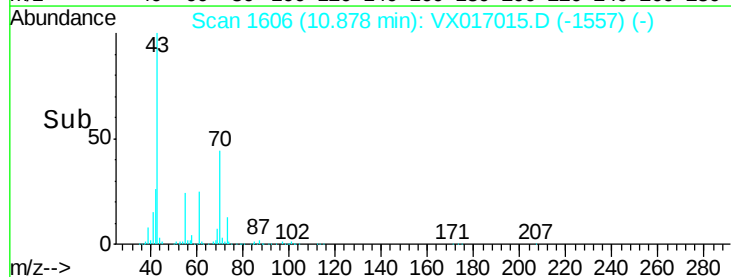
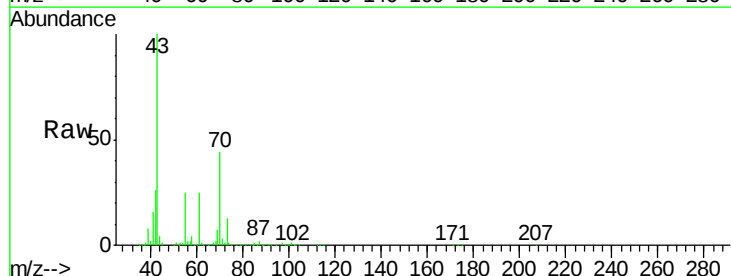
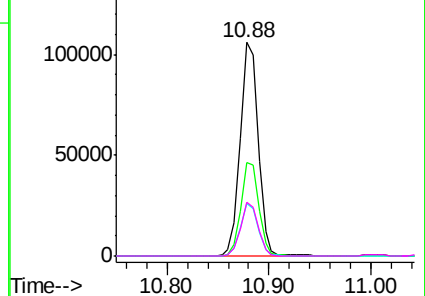
61 24.4 19.6 29.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.796 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

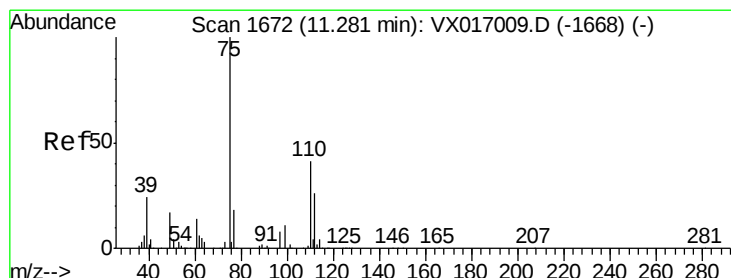
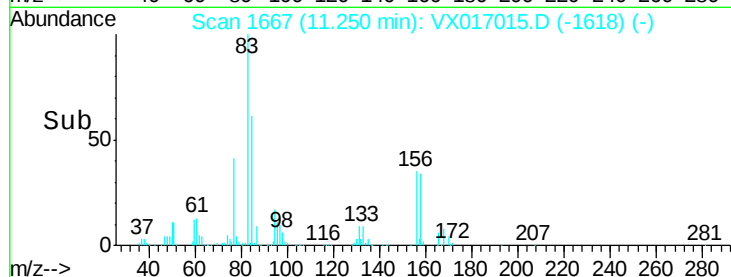
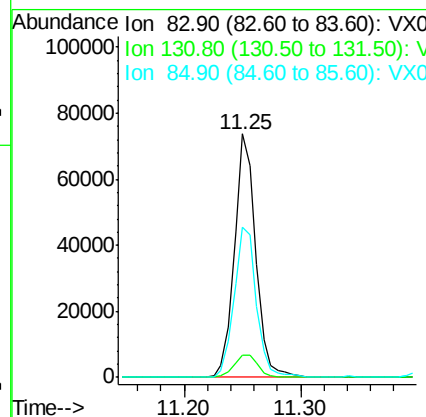
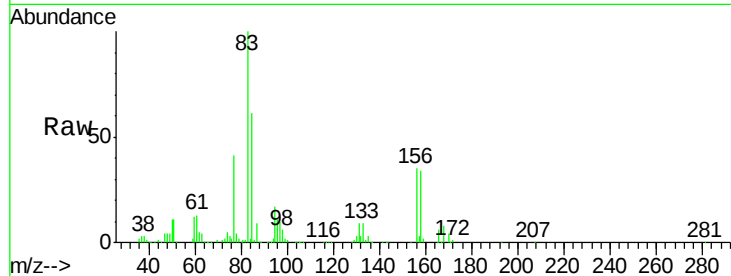
ClientSampleId :

VX0629WBSD01

Tot Ion:	83	Resp:	93779
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	64.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.161 ug/l m

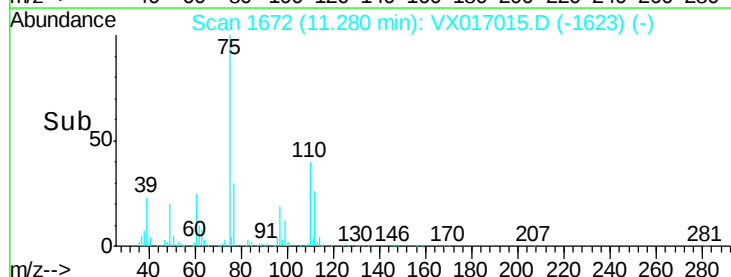
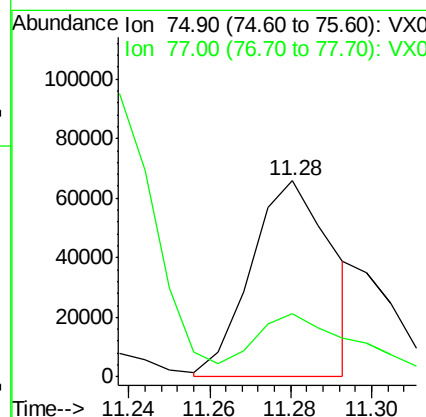
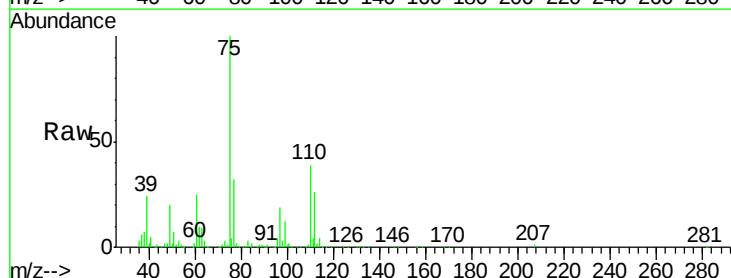
RT: 11.28 min Scan# 1672

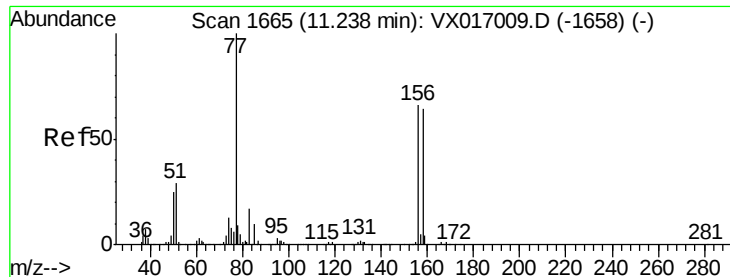
Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion:	75	Resp:	91156
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.2	60.6





#77

Bromobenzene

Concen: 18.316 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

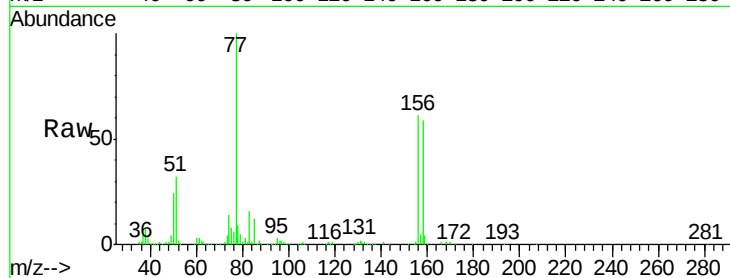
ClientSampleId :

VX0629WBSD01

Tot Ion:	156	Resp:	75811
Ion Ratio	Lower	Upper	
156	100		
77	162.6	76.9	230.7
158	99.0	47.9	143.6

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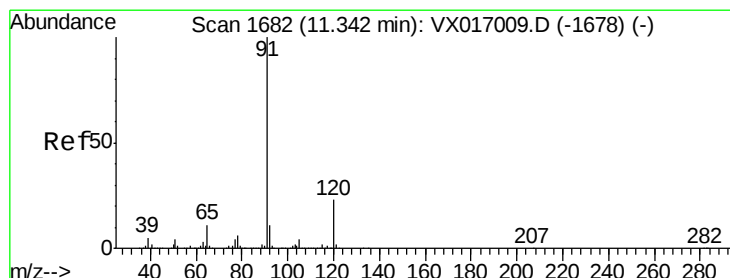
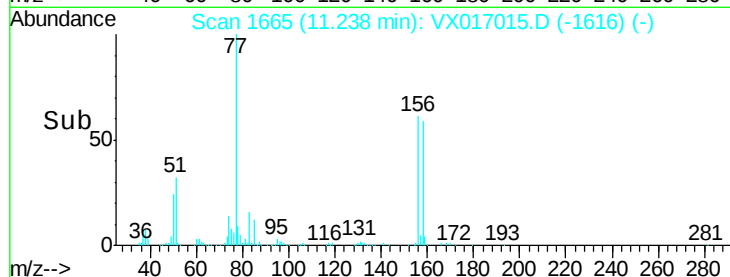
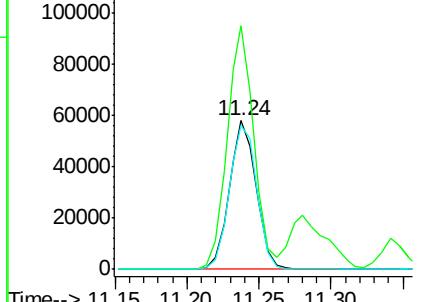
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.766 ug/l

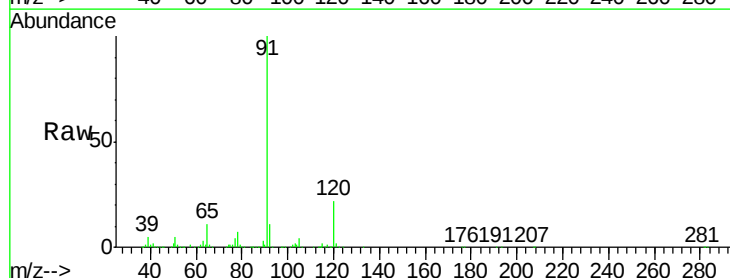
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017015.D

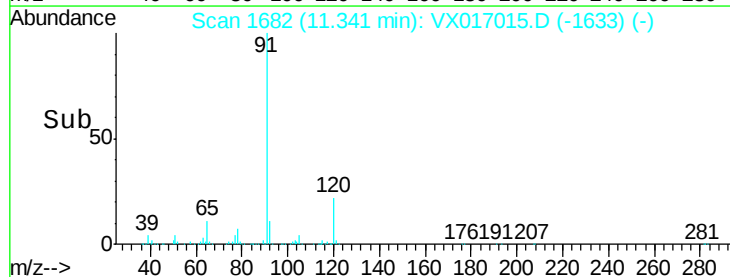
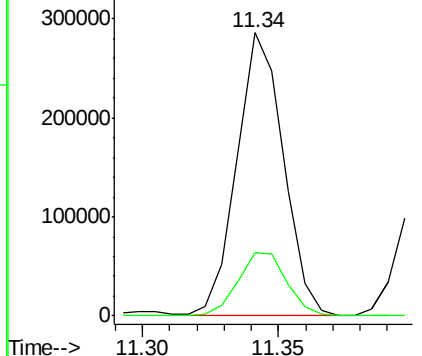
Acq: 29 Jun 2020 18:32

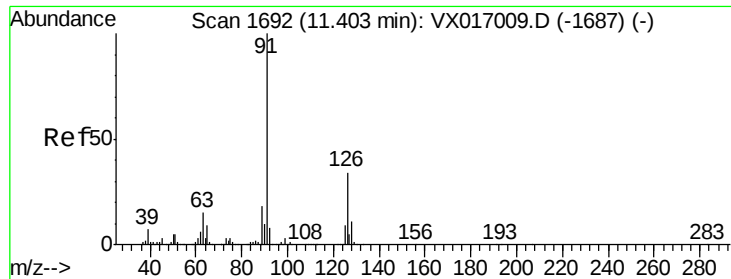
Tgt Ion:	91	Resp:	336627
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.496 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 91 Resp: 200950

Ion Ratio Lower Upper

91 100

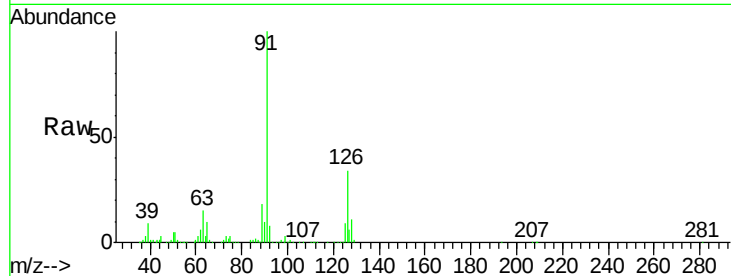
126 34.7 17.4 52.3

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Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)

300000

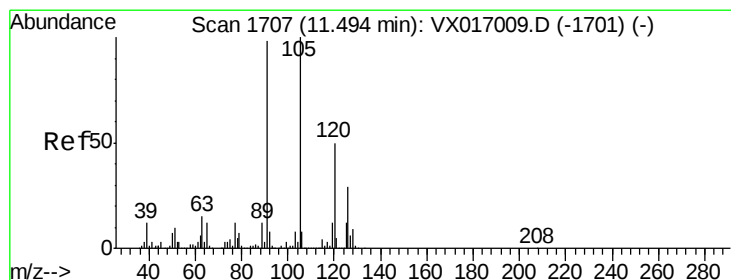
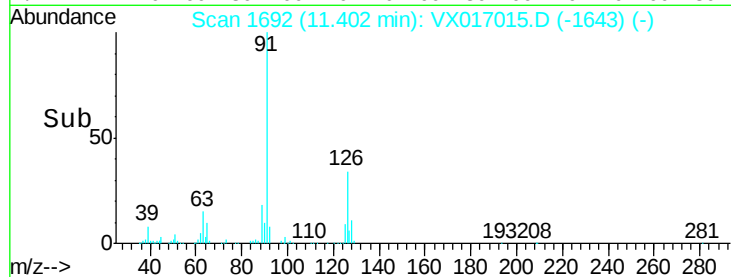
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.731 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017015.D

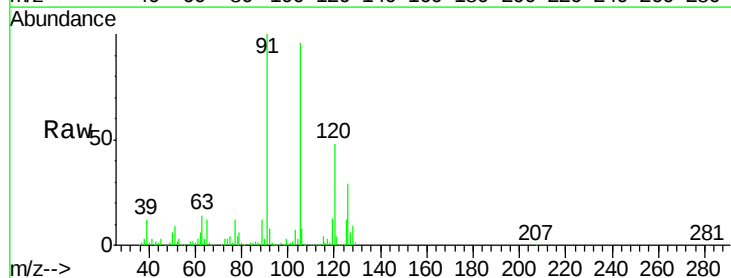
Acq: 29 Jun 2020 18:32

Tgt Ion: 105 Resp: 246476

Ion Ratio Lower Upper

105 100

120 49.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)

200000

150000

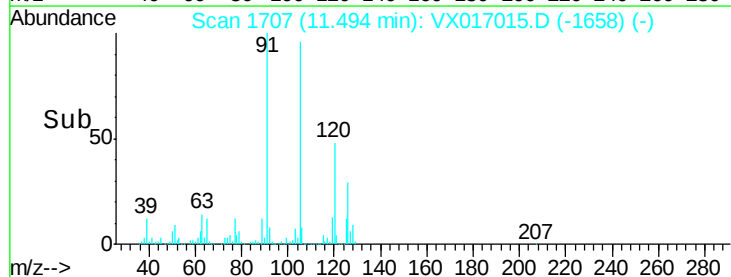
100000

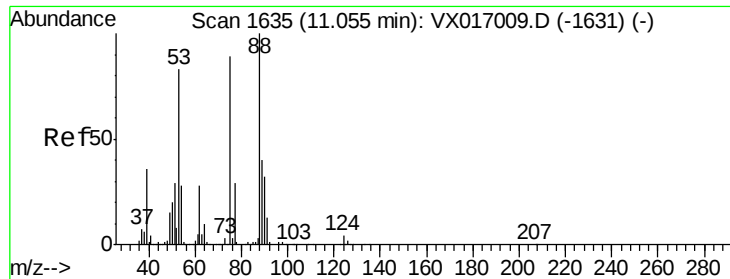
50000

0

11.45 11.50 11.55

Time-->





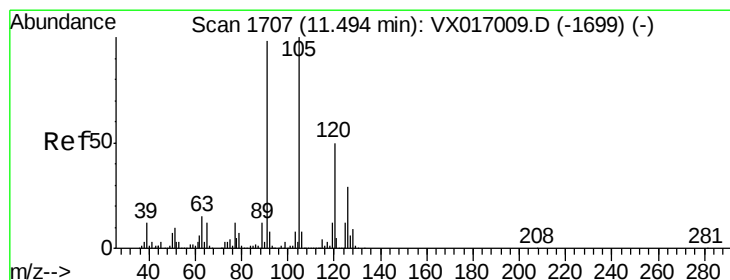
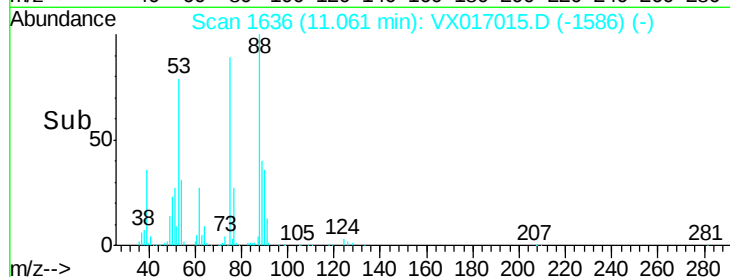
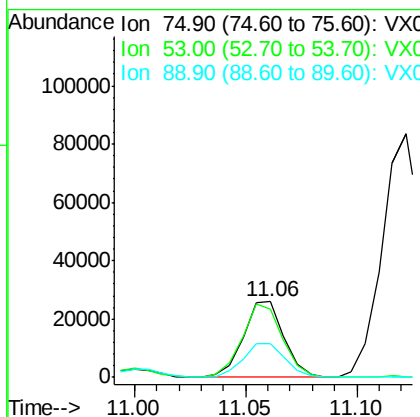
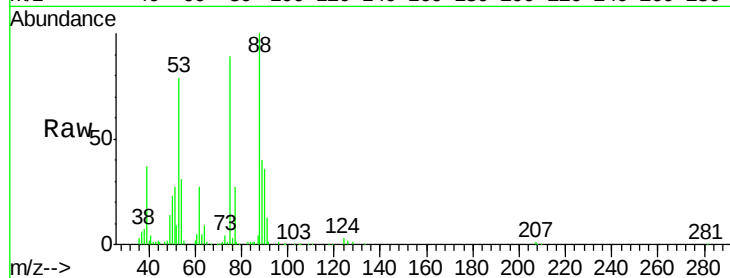
#81
trans-1,4-Dichloro-2-butene
Concen: 18.843 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	72.4	108.6
89	47.6	37.0	55.4

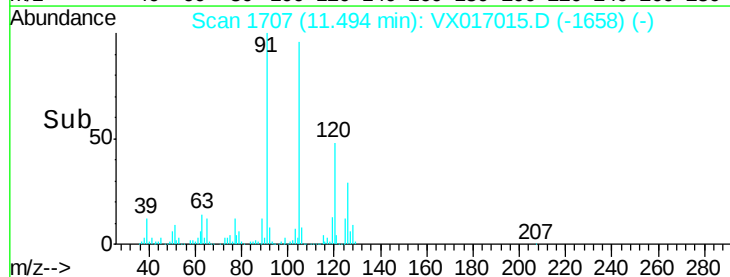
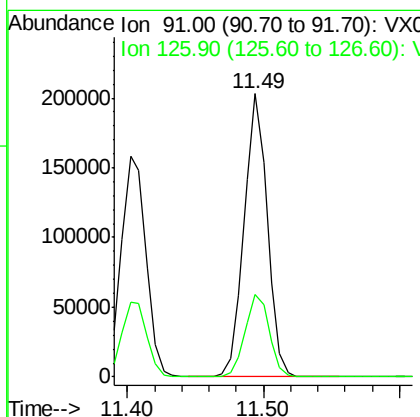
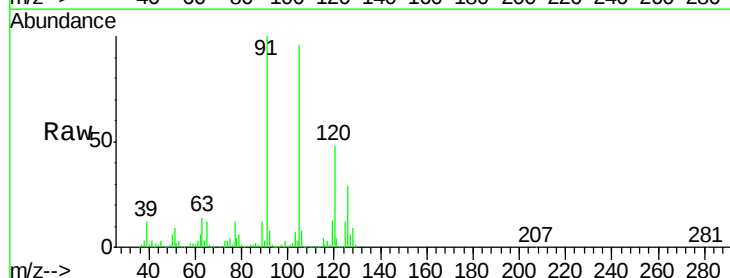
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#82
4-Chlorotoluene
Concen: 19.641 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.5





#83

tert-Butylbenzene

Concen: 19.344 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

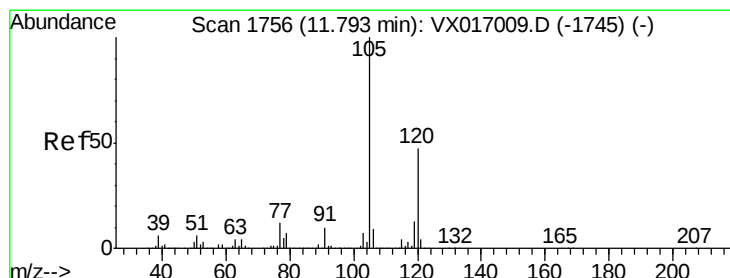
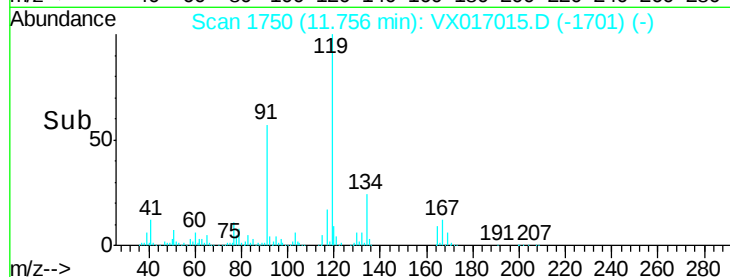
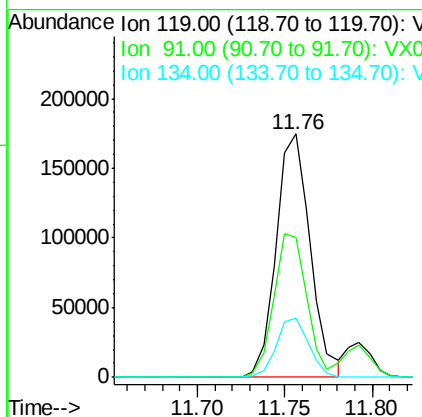
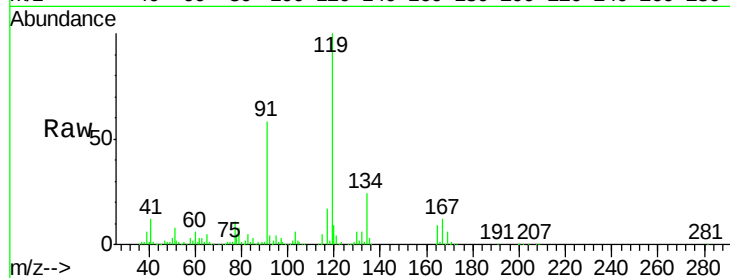
ClientSampleId :

VX0629WBSD01

Tot Ion:	119	Resp:	237213
Ion Ratio	Lower	Upper	
119	100		
91	56.8	28.3	84.9
134	23.2	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 19.831 ug/l

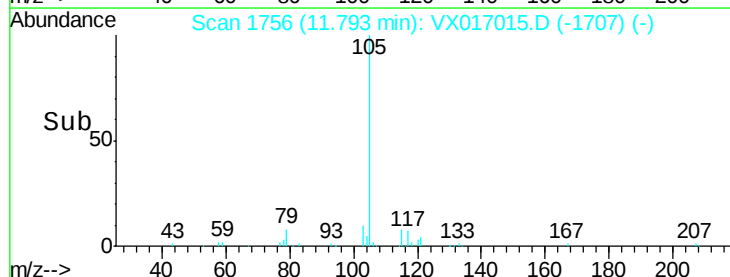
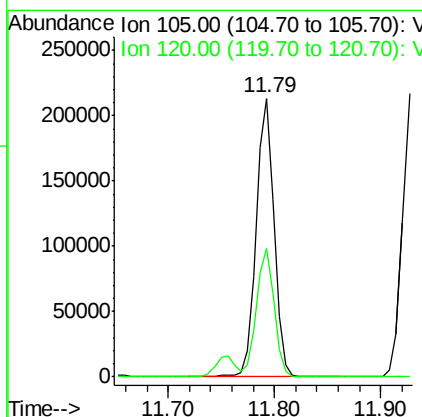
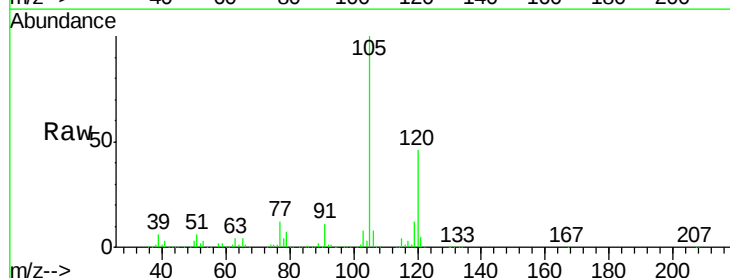
RT: 11.79 min Scan# 1756

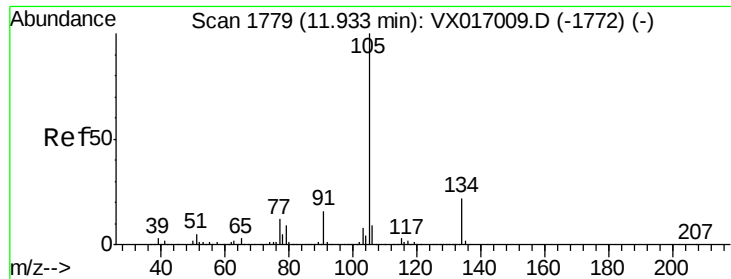
Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion:	105	Resp:	251322
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.9	68.5





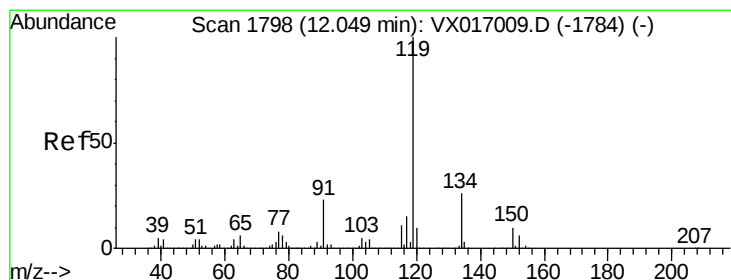
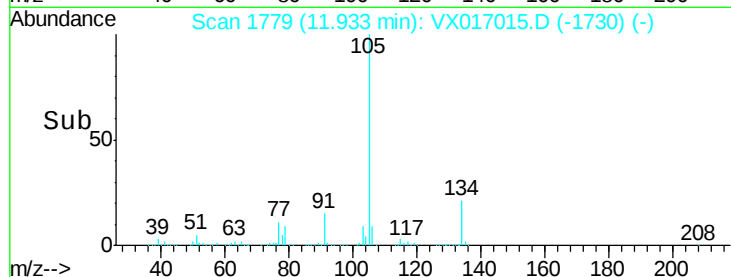
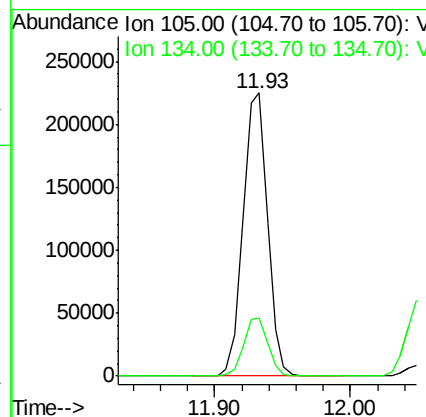
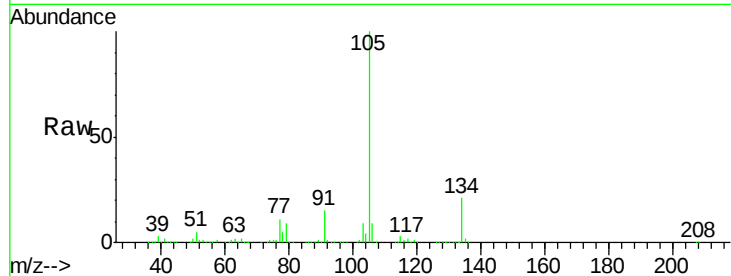
#85
 sec-Butylbenzene
 Concen: 19.446 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.5	31.6

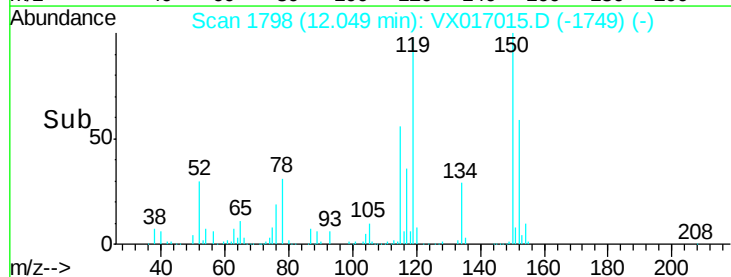
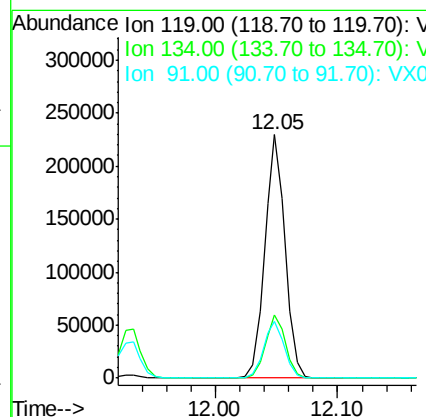
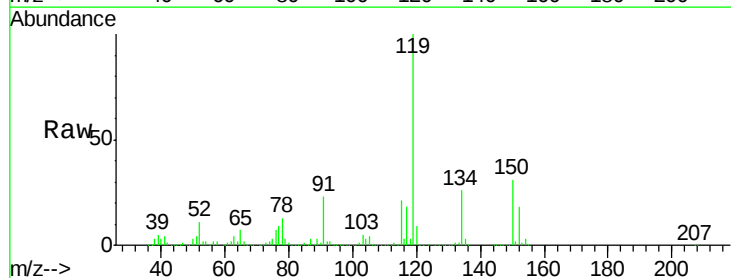
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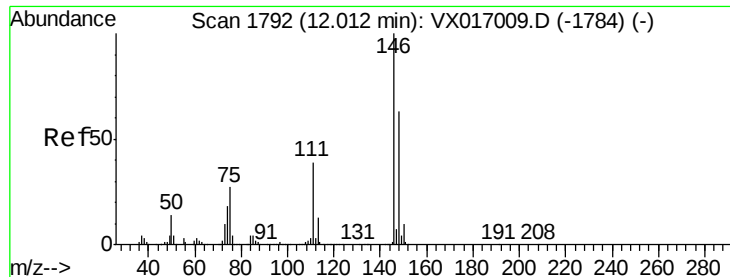
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#86
 p-Isopropyltoluene
 Concen: 19.756 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.2	39.5
91	23.5	11.8	35.4





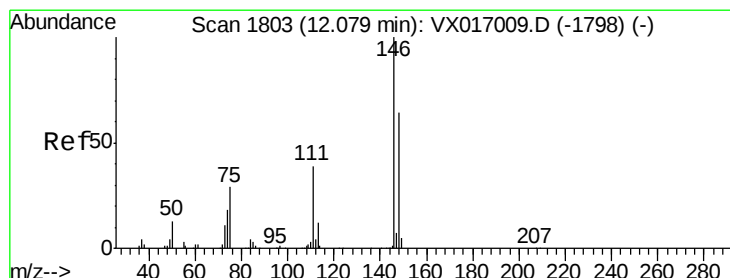
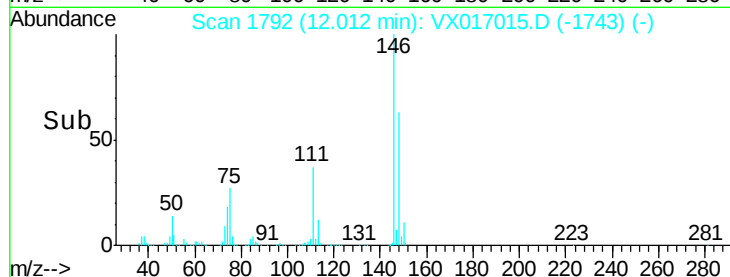
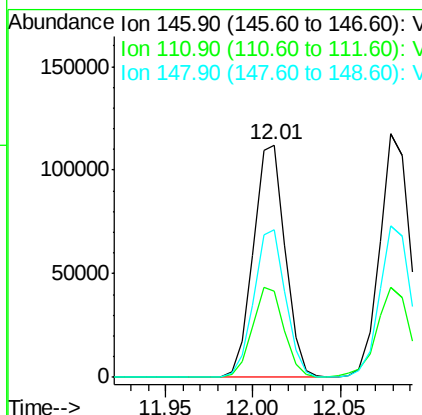
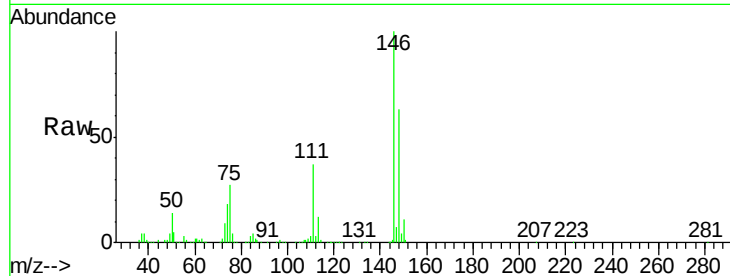
#87
 1,3-Dichlorobenzene
 Concen: 18.932 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.4	61.2
148	63.0	32.5	97.5

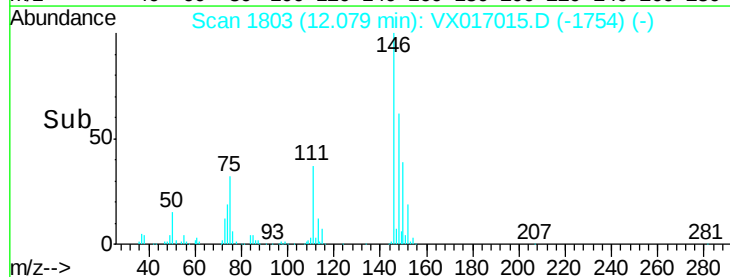
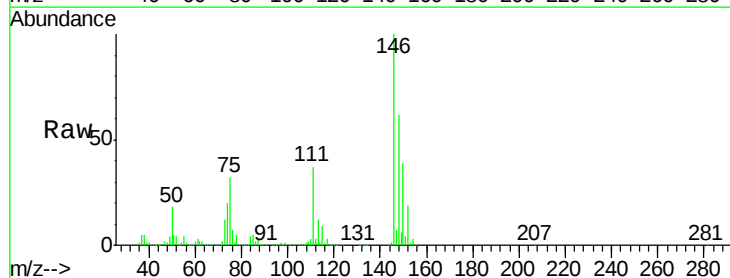
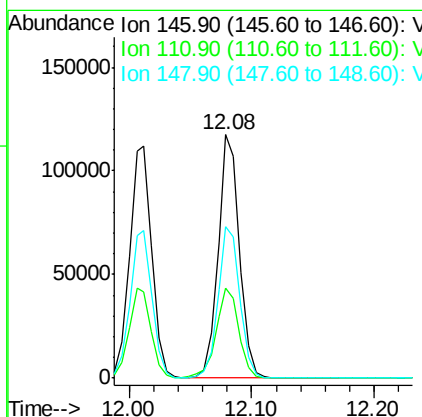
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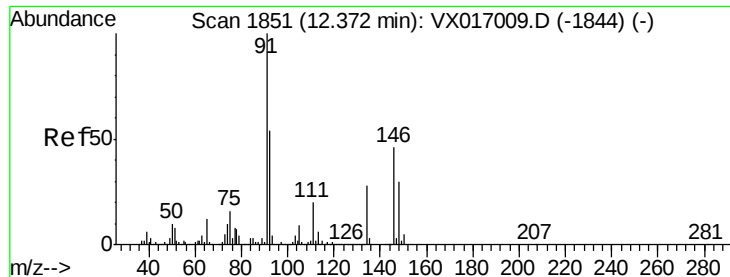
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#88
 1,4-Dichlorobenzene
 Concen: 19.884 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	64.0	31.9	95.7





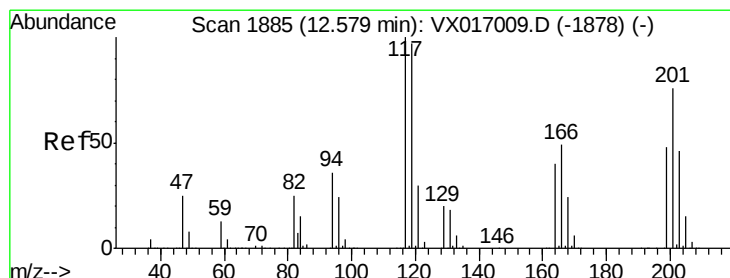
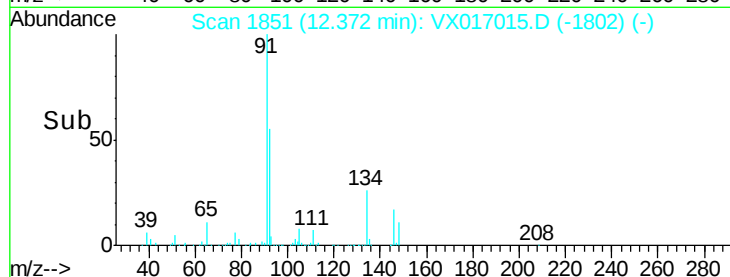
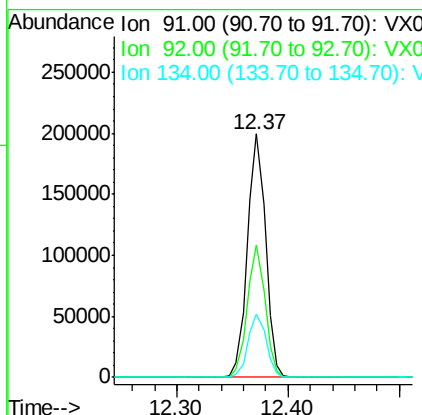
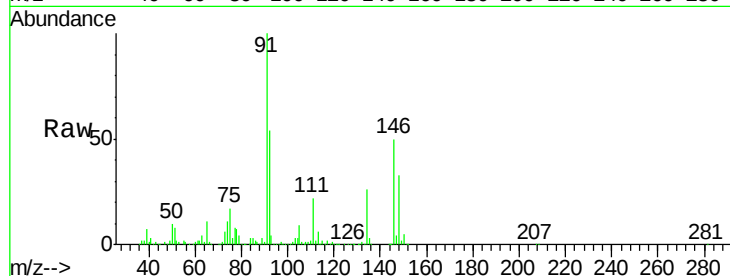
#89
n-Butylbenzene
Concen: 18.831 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.6
134	26.1	13.6	40.7

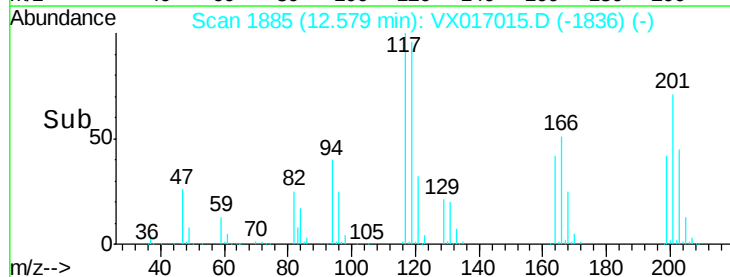
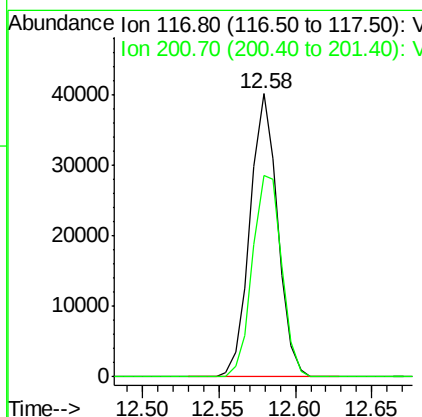
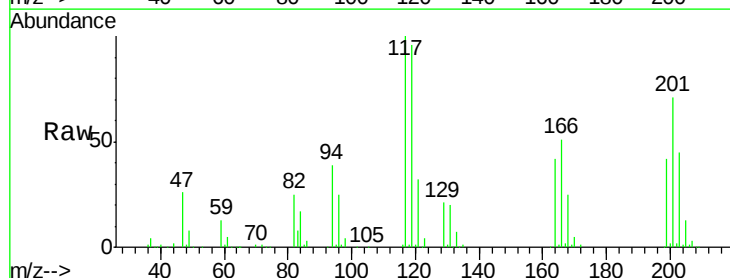
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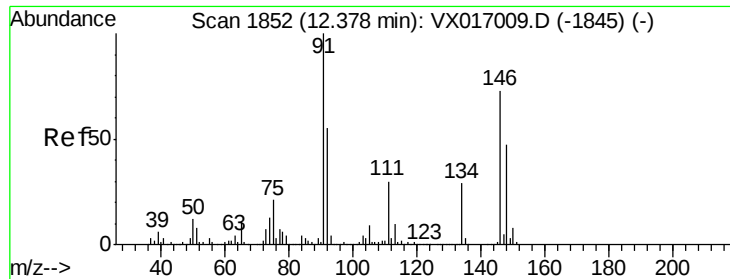
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#90
Hexachloroethane
Concen: 19.053 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.9	39.4	118.2





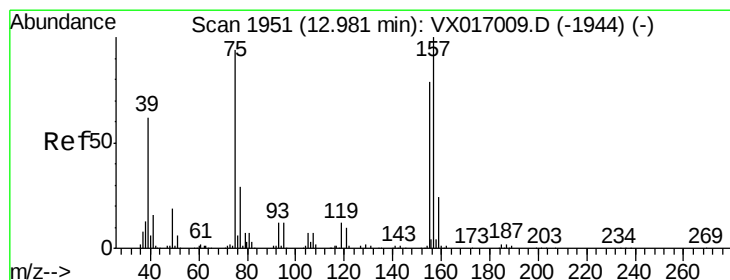
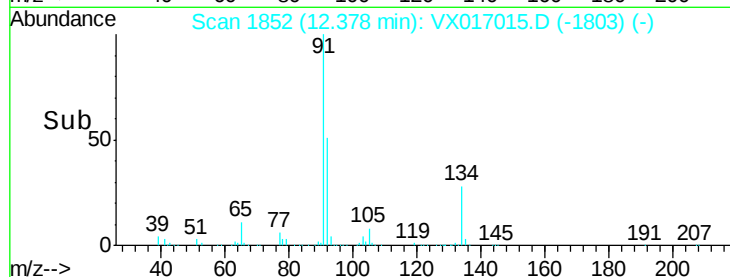
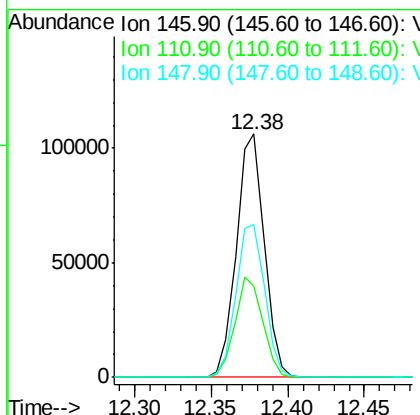
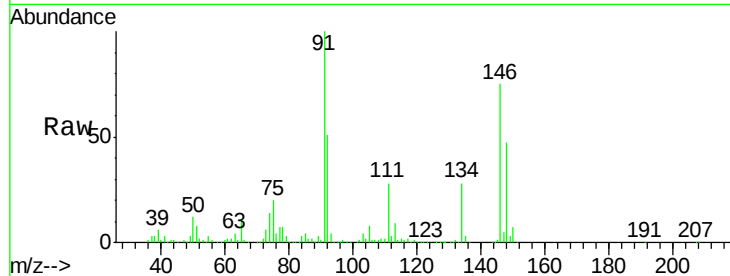
#91
 1,2-Dichlorobenzene
 Concen: 19.112 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	64.8	32.4	97.2

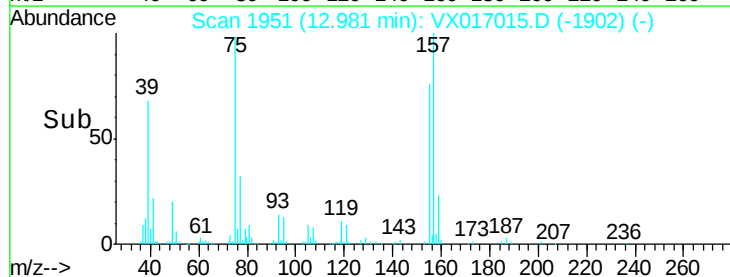
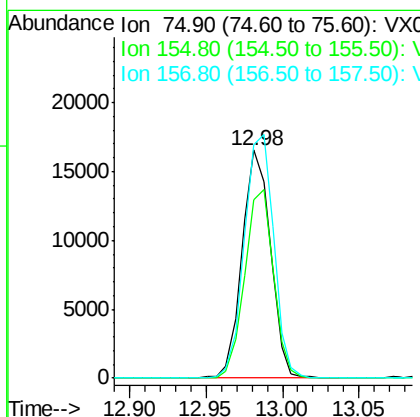
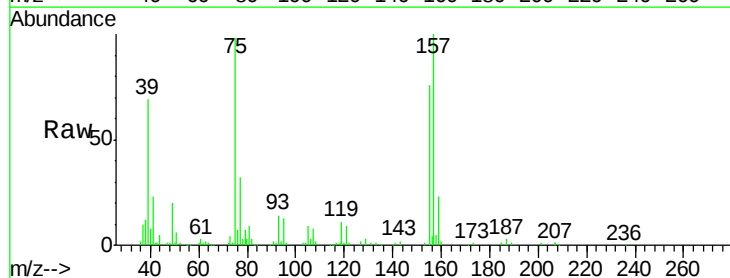
Manual Integrations
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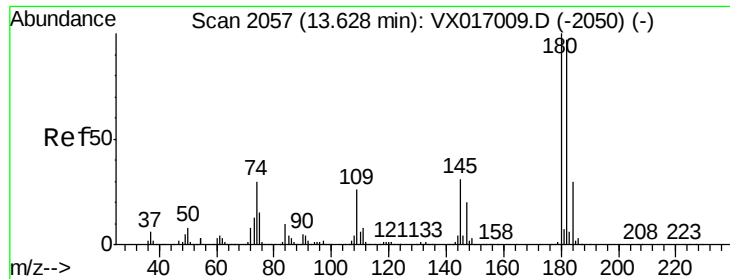
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.966 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	45.1	135.2
157	110.0	56.5	169.3





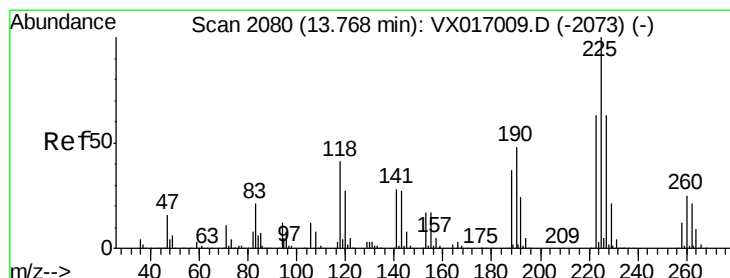
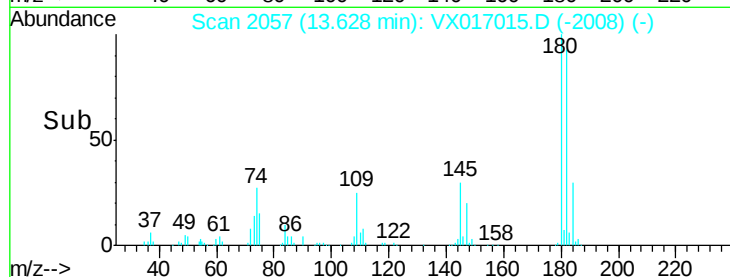
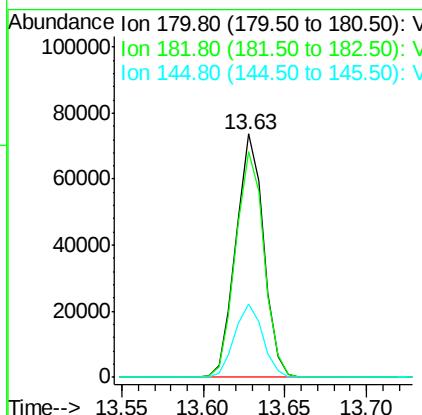
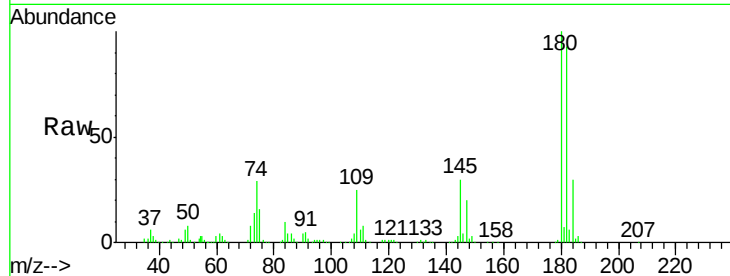
#93
 1,2,4-Trichlorobenzene
 Concen: 18.137 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	31.1	15.4	46.2

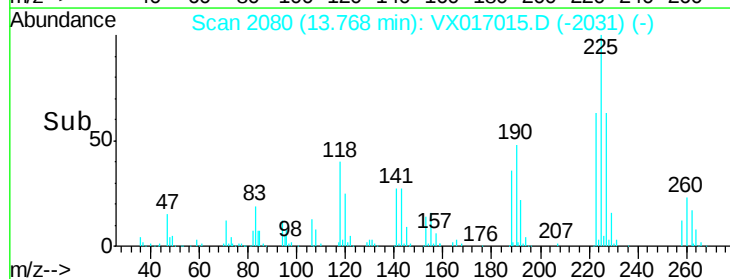
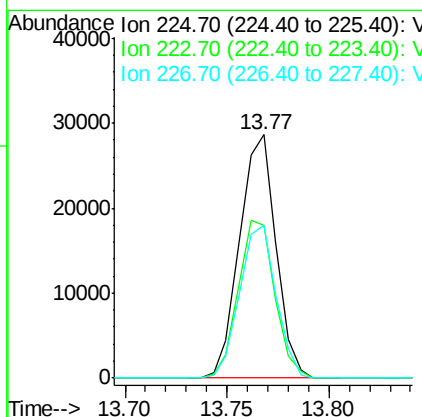
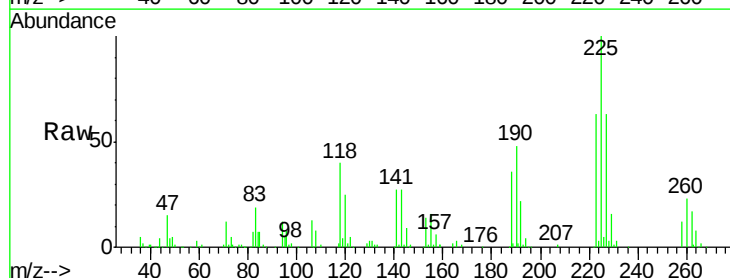
Manual Integrations
 APPROVED

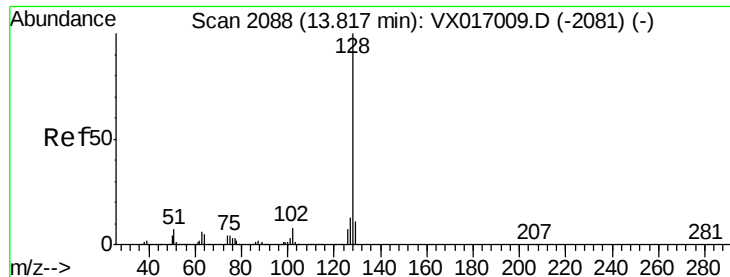
MMDadoda
 6/30/2020 10:12:07 AM



#94
 Hexachlorobutadiene
 Concen: 20.011 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.5	97.5
227	62.9	33.1	99.2





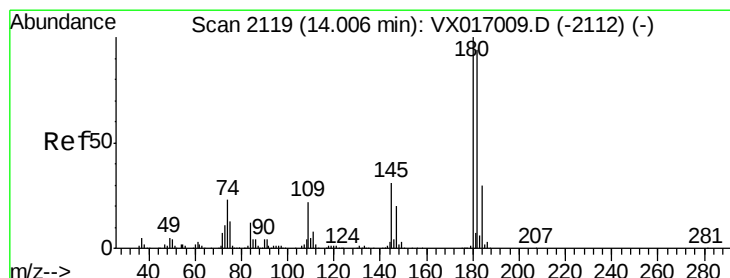
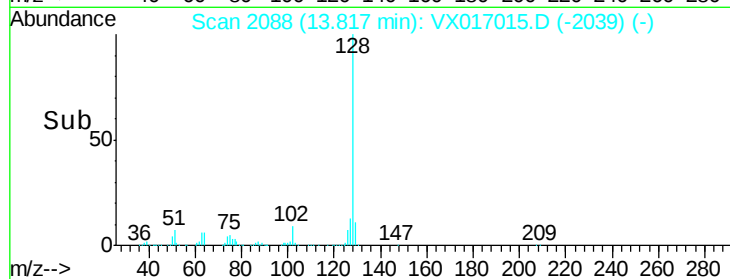
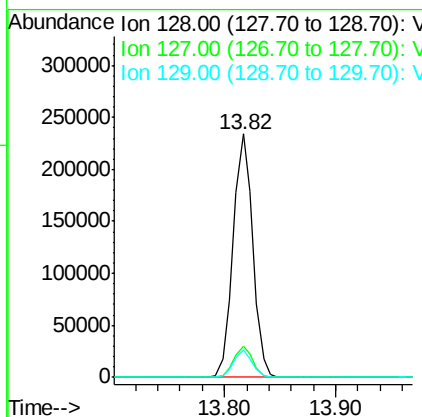
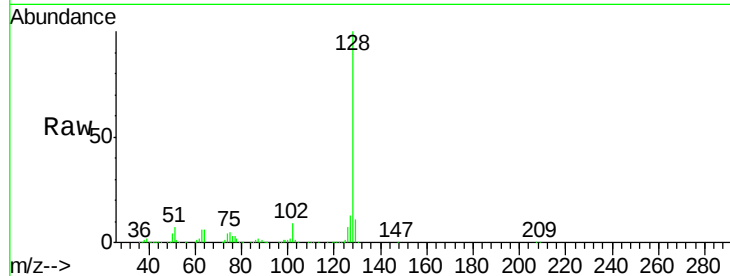
#95
Naphthalene
Concen: 19.549 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/30/2020 10:12:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.759 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.1	141.4
145	32.9	16.6	49.7

