

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090619\
 Data File : VX012167.D
 Acq On : 07 Sep 2019 00:03
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 10:50:05 AM

Quant Time: Sep 07 03:28:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	101609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	197014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	184575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	84409	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
35) Dibromofluoromethane	5.48	113	65791	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
50) Toluene-d8	8.71	98	238322	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	11.13	95	105774	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	45620	48.687	ug/l	97
3) Chloromethane	1.31	50	55730	58.075	ug/l	98
4) Vinyl Chloride	1.40	62	50545	55.985	ug/l	99
5) Bromomethane	1.62	94	26714	59.647	ug/l	97
6) Chloroethane	1.71	64	33977	60.537	ug/l	96
7) Trichlorofluoromethane	1.92	101	76637	54.652	ug/l	98
8) Diethyl Ether	2.17	74	30064	62.040	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51956	50.024	ug/l #	84
10) Methyl Iodide	2.50	142	39331	39.163	ug/l	92
11) Tert butyl alcohol	3.03	59	39907	296.348	ug/l	96
12) 1,1-Dichloroethene	2.36	96	52878	52.850	ug/l	87
13) Acrolein	2.28	56	8917	263.244	ug/l	96
14) Allyl chloride	2.72	41	102898	56.836	ug/l	97
15) Acrylonitrile	3.13	53	91025	298.925	ug/l	99
16) Acetone	2.43	43	82513	246.227	ug/l	97
17) Carbon Disulfide	2.56	76	159754	54.634	ug/l	99
18) Methyl Acetate	2.76	43	50264	63.672	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	192924	59.227	ug/l	100
20) Methylene Chloride	2.84	84	72952	54.212	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	65100	55.446	ug/l	91
22) Diisopropyl ether	3.84	45	219519	59.488	ug/l	95
23) Vinyl Acetate	3.80	43	702392	294.244	ug/l	98
24) 1,1-Dichloroethane	3.68	63	122601	57.285	ug/l	99
25) 2-Butanone	4.65	43	123570	289.684	ug/l	97
26) 2,2-Dichloropropane	4.57	77	92739	46.934	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	78371	56.944	ug/l	94
28) Bromochloromethane	5.00	49	52409	61.347	ug/l #	79
29) Tetrahydrofuran	5.11	42	80323	312.532	ug/l	98
30) Chloroform	5.20	83	132586	57.735	ug/l	99
31) Cyclohexane	5.56	56	85691	49.854	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	111910	55.953	ug/l	96
36) 1,1-Dichloropropene	5.79	75	88779	51.163	ug/l	95
37) Ethyl Acetate	4.82	43	56437	59.812	ug/l	99
38) Carbon Tetrachloride	5.77	117	92996	50.861	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	92239	45.801	ug/l	93
40) Benzene	6.13	78	267184	53.636	ug/l	98
41) Methacrylonitrile	5.03	41	33070	58.769	ug/l	97
42) 1,2-Dichloroethane	6.18	62	105808	59.024	ug/l	95
43) Isopropyl Acetate	6.43	43	111916	58.332	ug/l	98
44) Trichloroethene	7.20	130	69581	51.787	ug/l	80
45) 1,2-Dichloropropane	7.50	63	70329	54.645	ug/l	99
46) Dibromomethane	7.65	93	42599	56.699	ug/l #	73
47) Bromodichloromethane	7.89	83	104890	54.924	ug/l	97
48) Methyl methacrylate	7.76	41	56557	58.627	ug/l	94
49) 1,4-Dioxane	7.73	88	15386	1169.957	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	286783	293.870	ug/l	96
52) Toluene	8.78	92	173058	53.394	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102247	51.715	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	114597	52.122	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	58899	54.834	ug/l	97
56) Ethyl methacrylate	9.17	69	84702	55.053	ug/l	93
57) 1,3-Dichloropropane	9.37	76	104193	56.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	174323	251.317	ug/l	94
59) 2-Hexanone	9.48	43	201491	282.961	ug/l	98
60) Dibromochloromethane	9.57	129	68782	53.730	ug/l	97
61) 1,2-Dibromoethane	9.67	107	59004	56.848	ug/l	96
64) Tetrachloroethene	9.33	164	65397	56.832	ug/l #	86
65) Chlorobenzene	10.14	112	189504	52.036	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	71347	53.579	ug/l	97
67) Ethyl Benzene	10.25	91	341431	51.434	ug/l	96
68) m/p-Xylenes	10.36	106	248725	101.695	ug/l	90
69) o-Xylene	10.70	106	122621	51.703	ug/l	89
70) Styrene	10.71	104	215753	52.375	ug/l	95
71) Bromoform	10.85	173	38137	52.143	ug/l #	97
73) Isopropylbenzene	11.01	105	331365	50.059	ug/l	95
74) N-amyl acetate	10.89	43	104851	53.573	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	72646	52.643	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	55854m	50.669	ug/l	
77) Bromobenzene	11.25	156	75629	51.085	ug/l #	65
78) n-propylbenzene	11.35	91	387865	48.501	ug/l	95
79) 2-Chlorotoluene	11.42	91	247745	51.136	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	290870	50.142	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	20252	43.434	ug/l	91
82) 4-Chlorotoluene	11.51	91	298147	51.631	ug/l	92
83) tert-Butylbenzene	11.77	119	273288	49.429	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	307122	51.513	ug/l	93
85) sec-Butylbenzene	11.94	105	332176	48.370	ug/l	94
86) p-Isopropyltoluene	12.06	119	310307	49.686	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	152993	51.573	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	148725	50.140	ug/l	94
89) n-Butylbenzene	12.39	91	291522	48.051	ug/l	96
90) Hexachloroethane	12.59	117	58722	47.090	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	141378	52.917	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14992	51.916	ug/l	64

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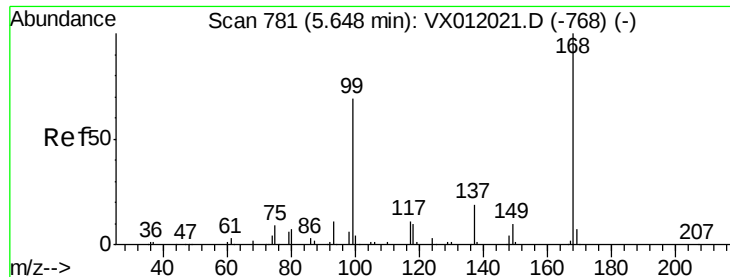
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	93285	49.055	ug/l	97
94) Hexachlorobutadiene	13.78	225	47461	49.512	ug/l	98
95) Naphthalene	13.83	128	216583	52.624	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84507	50.512	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 101609

Ion Ratio Lower Upper

168 100

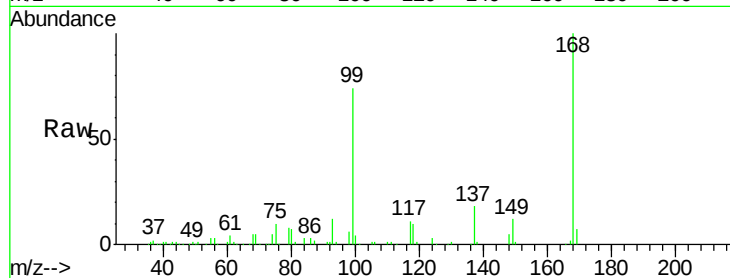
99 73.5 37.6 56.4#

Manual Integrations

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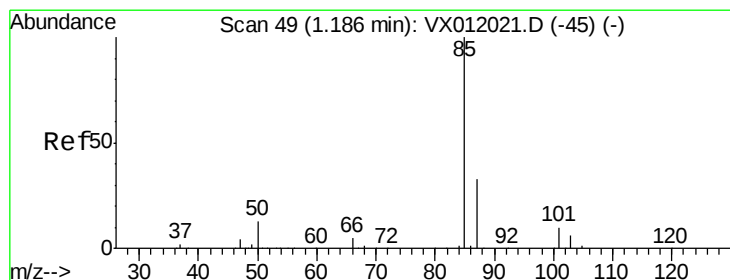
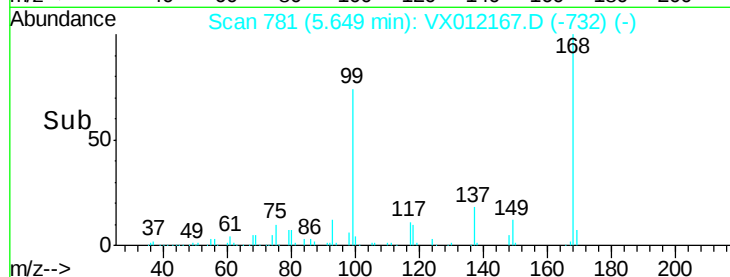
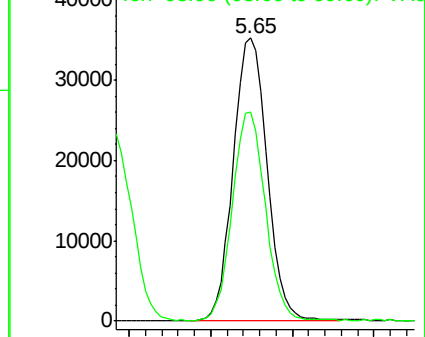
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.687 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012167.D

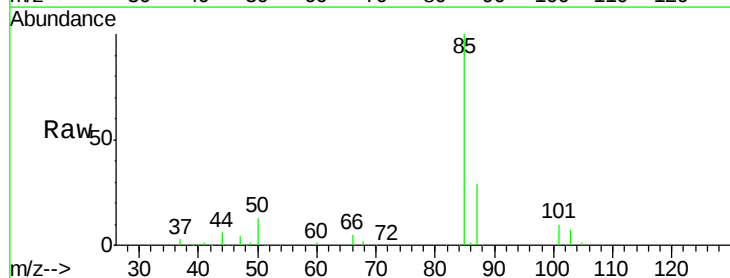
Acq: 07 Sep 2019 00:03

Tgt Ion: 85 Resp: 45620

Ion Ratio Lower Upper

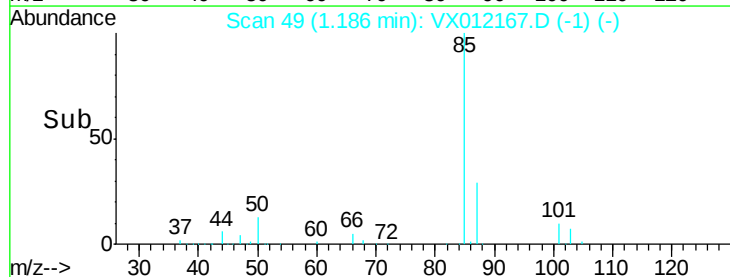
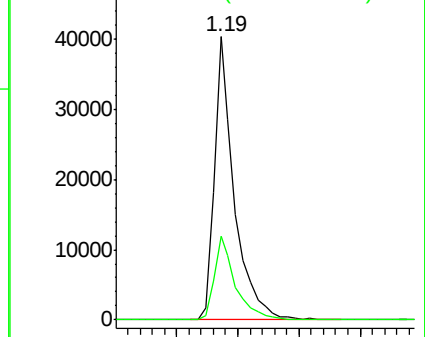
85 100

87 29.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 58.075 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 55730

Ion Ratio Lower Upper

50 100

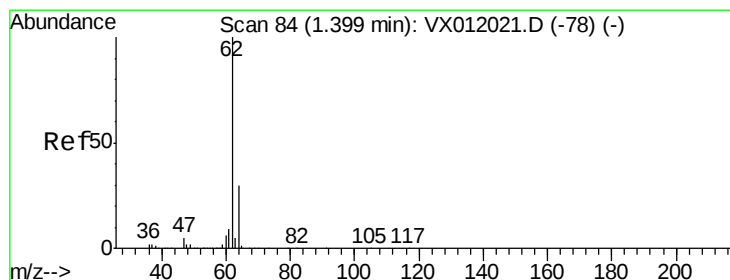
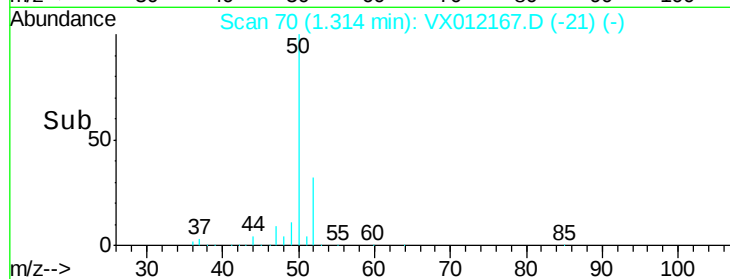
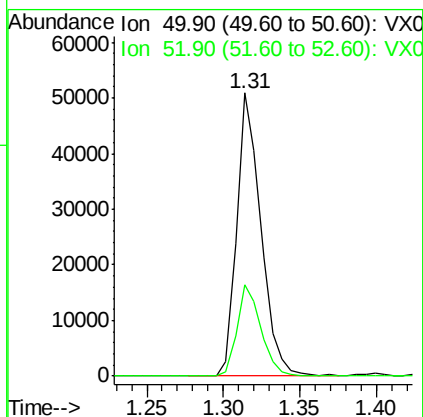
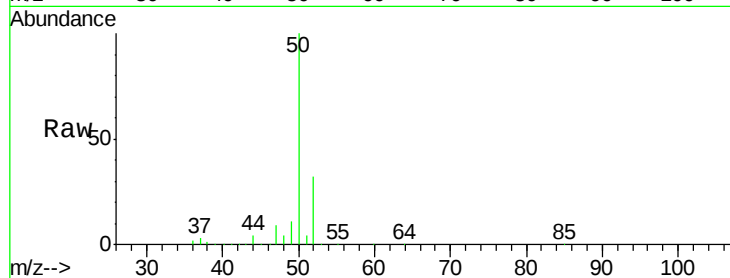
52 32.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.985 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012167.D

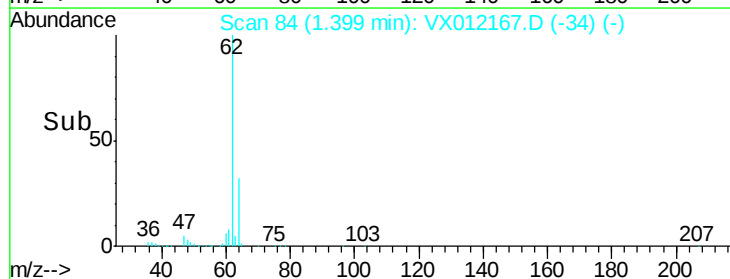
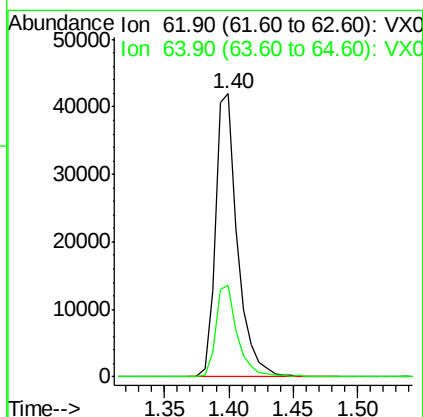
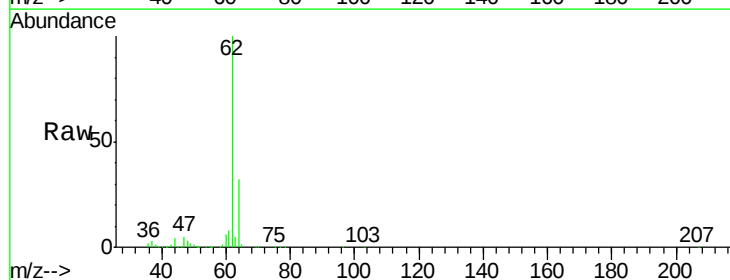
Acq: 07 Sep 2019 00:03

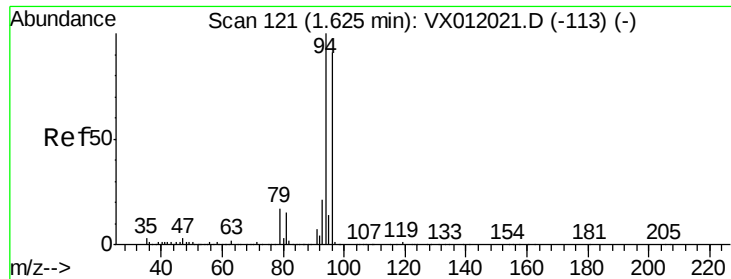
Tgt Ion: 62 Resp: 50545

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.4





#5

Bromomethane

Concen: 59.647 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 26714

Ion Ratio Lower Upper

94 100

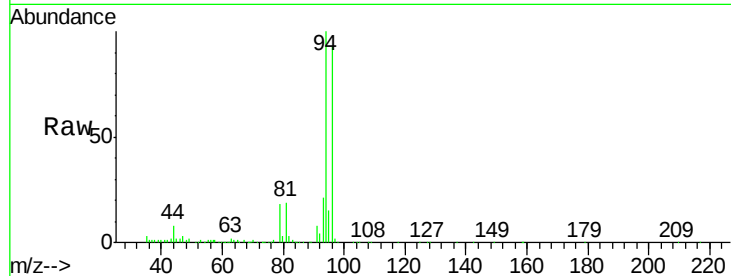
96 92.6 76.3 114.5

Manual Integrations

APPROVED

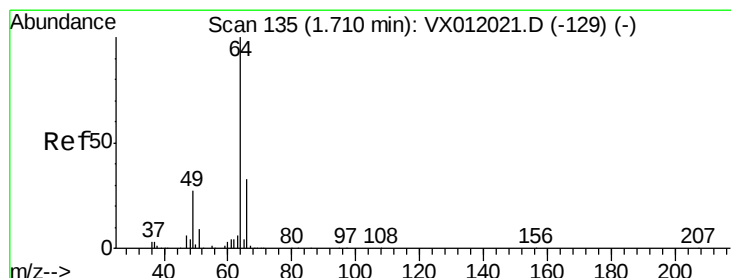
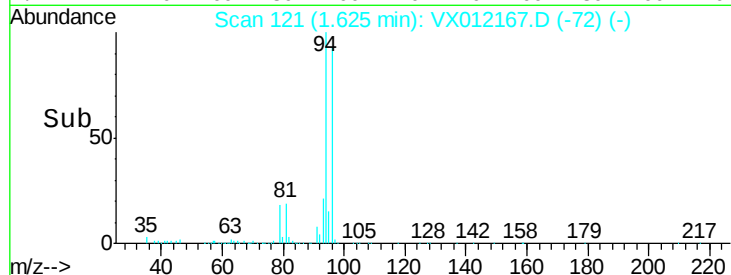
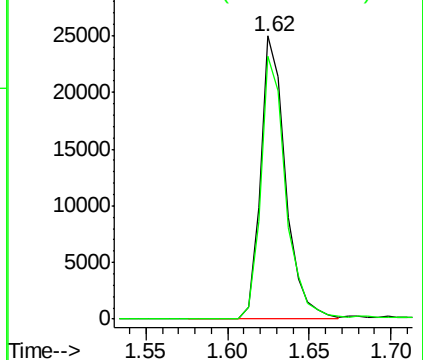
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 60.537 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012167.D

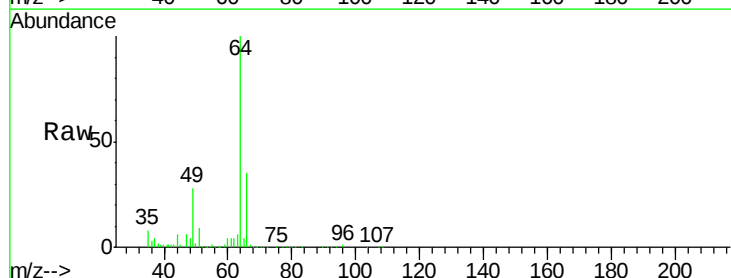
Acq: 07 Sep 2019 00:03

Tgt Ion: 64 Resp: 33977

Ion Ratio Lower Upper

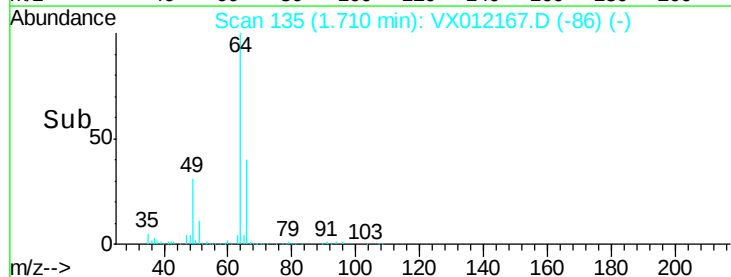
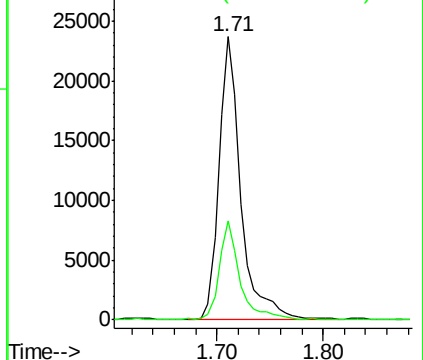
64 100

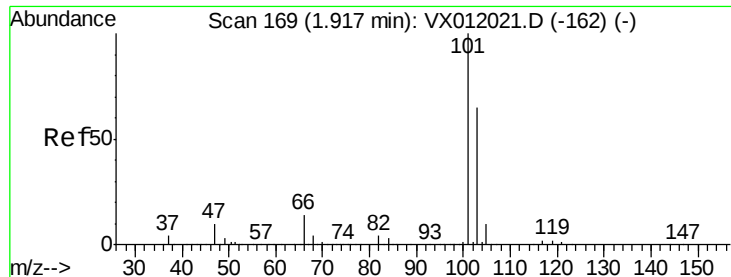
66 34.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 54.652 ug/l

RT: 1.92 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 76637

Ion Ratio Lower Upper

101 100

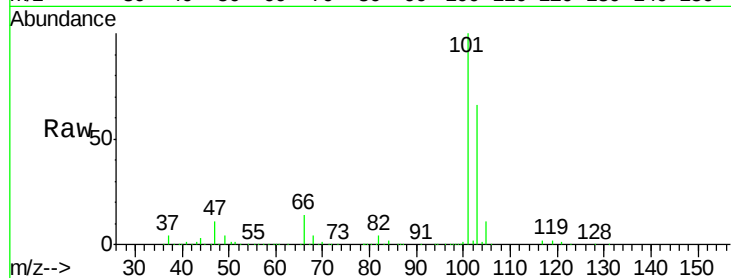
103 65.7 51.6 77.4

Manual Integrations

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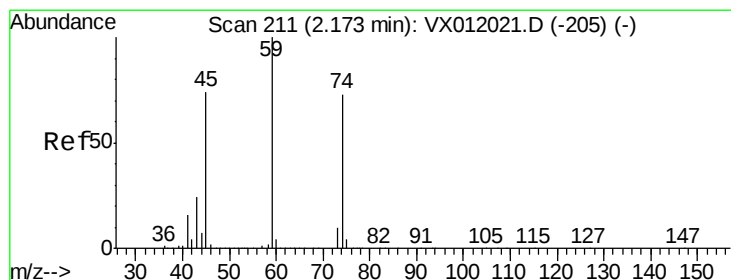
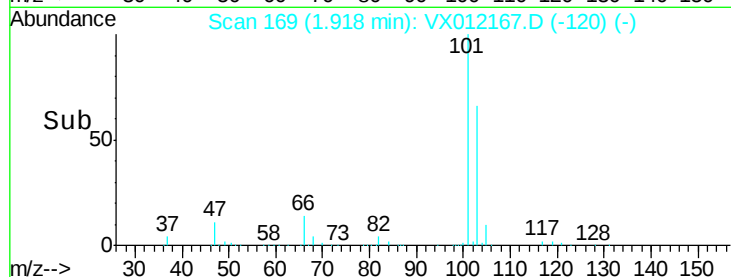
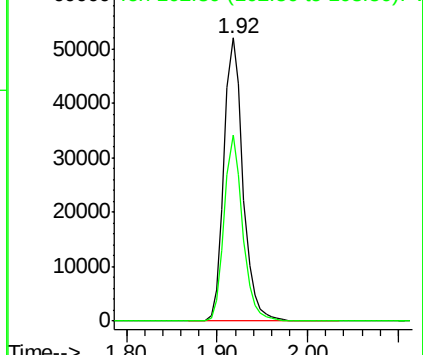
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 62.040 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012167.D

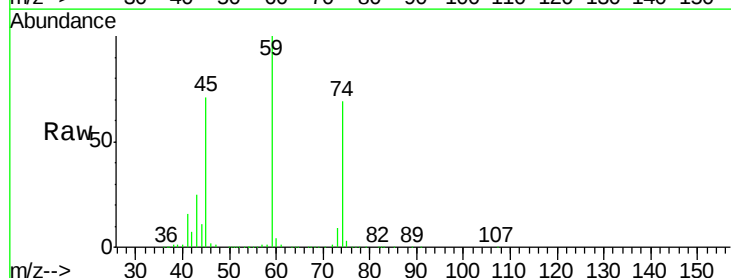
Acq: 07 Sep 2019 00:03

Tgt Ion: 74 Resp: 30064

Ion Ratio Lower Upper

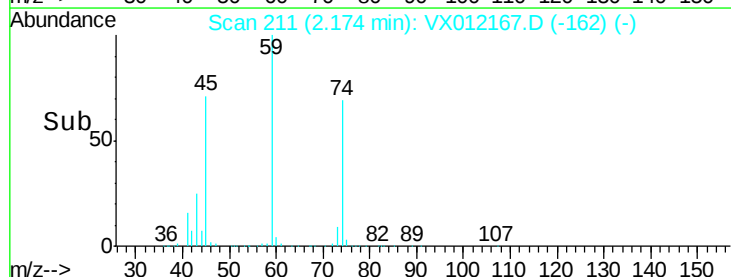
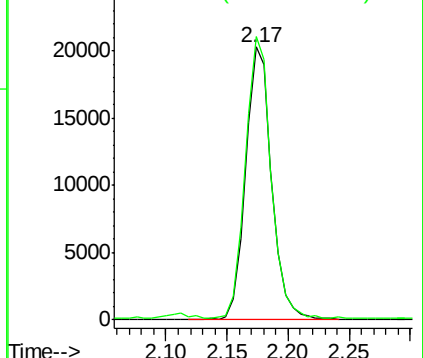
74 100

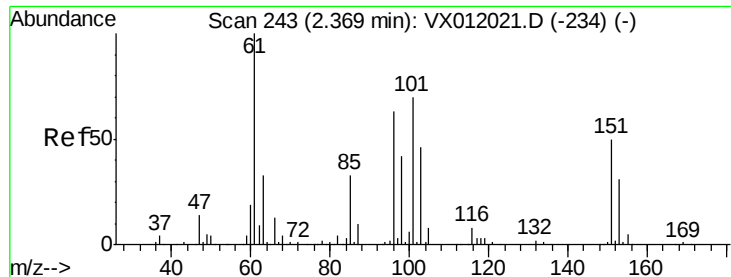
45 100.8 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.024 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

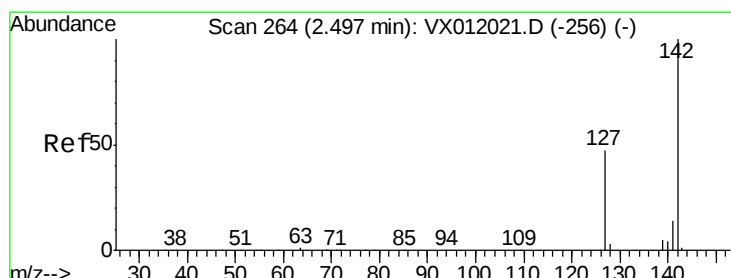
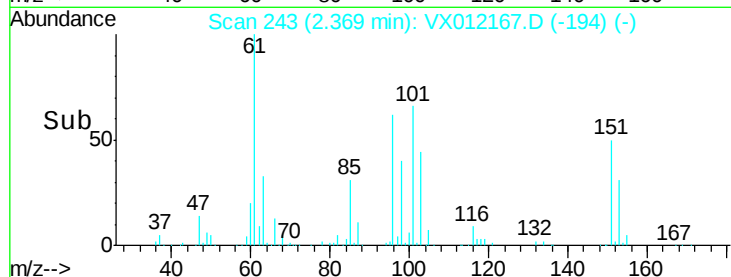
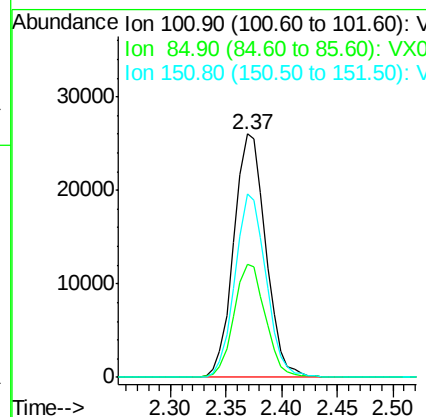
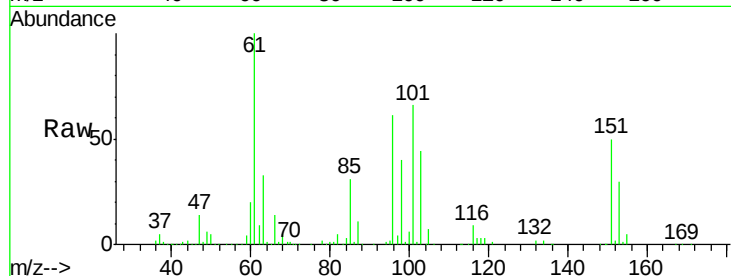
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	51956		
85	45.8	34.5	51.7	
151	73.3	75.0	112.4	

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#10

Methyl Iodide

Concen: 39.163 ug/l

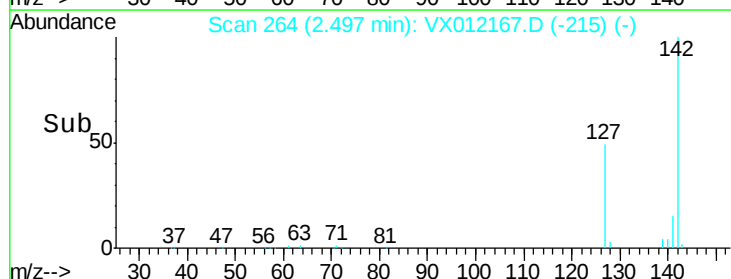
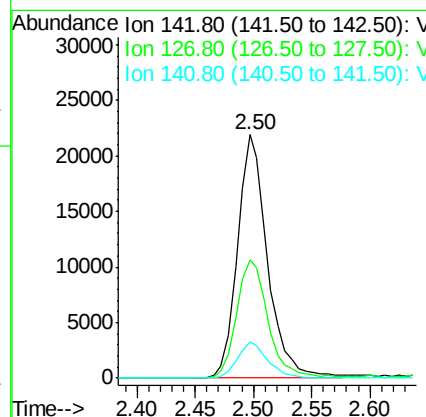
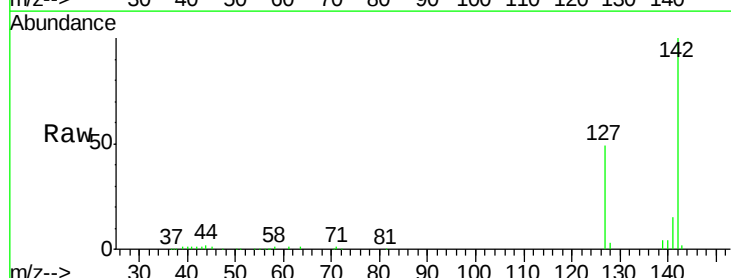
RT: 2.50 min Scan# 264

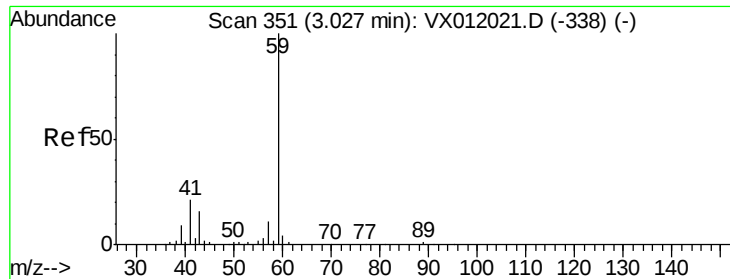
Delta R.T. 0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	39331		
127	51.1	35.4	53.2	
141	15.2	11.4	17.2	





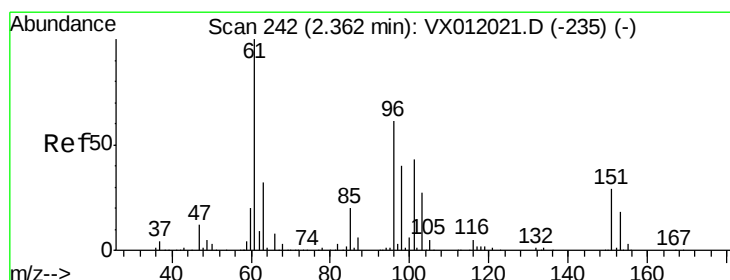
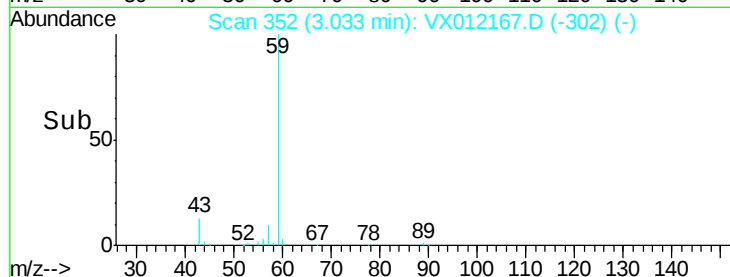
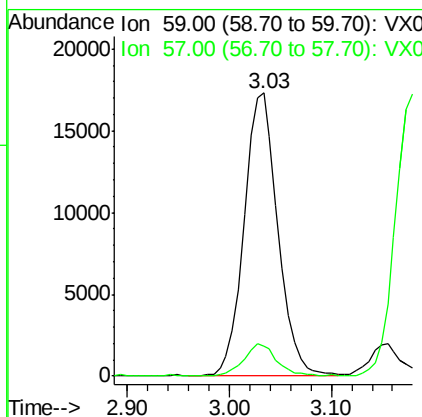
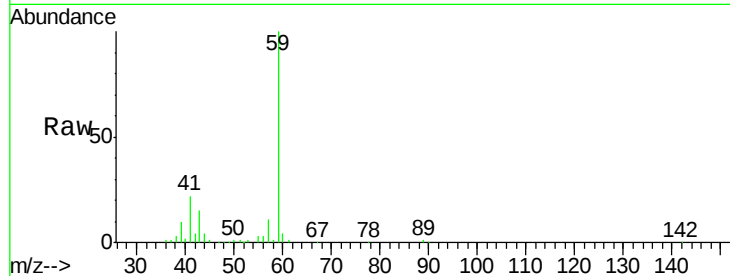
#11
Tert butyl alcohol
Concen: 296.348 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	7.9	11.9

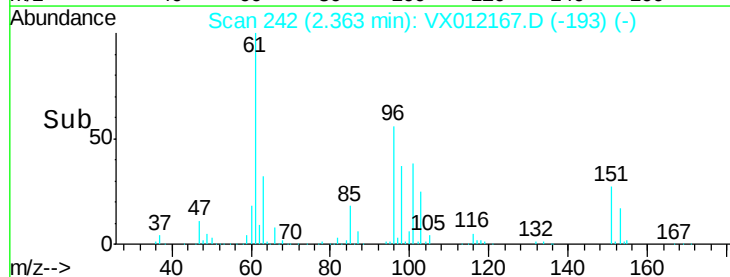
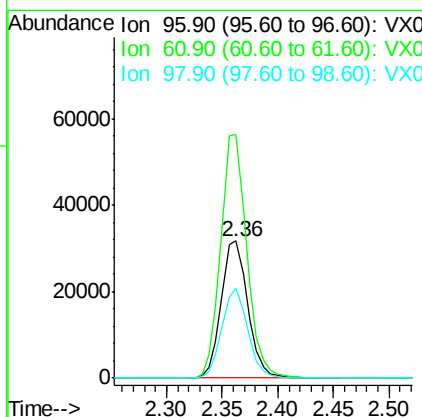
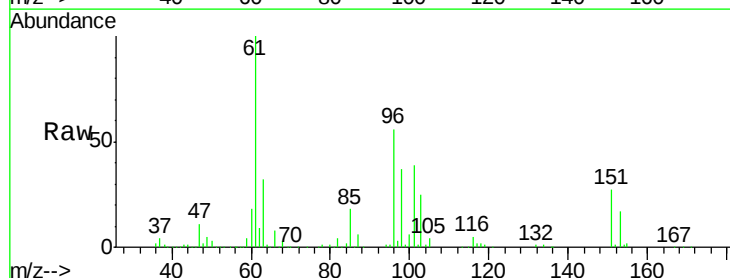
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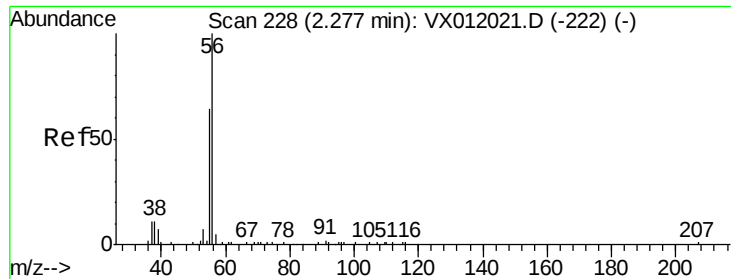
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#12
1,1-Dichloroethene
Concen: 52.850 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.4	124.1	186.1
98	65.6	50.2	75.2





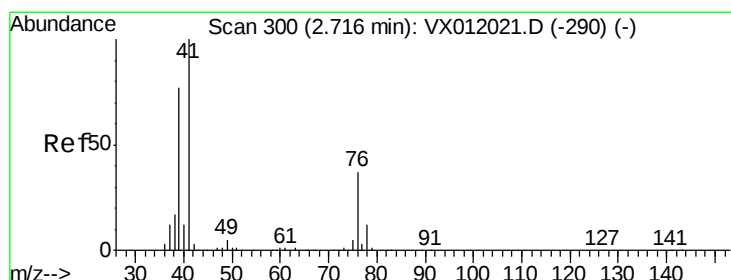
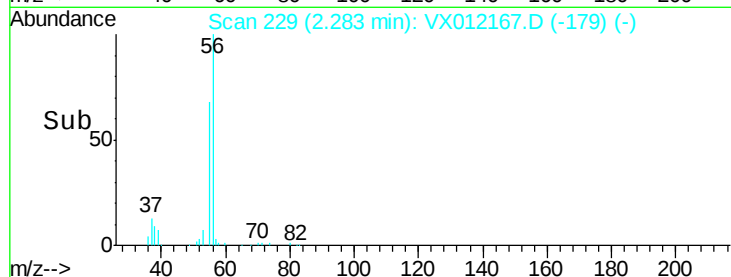
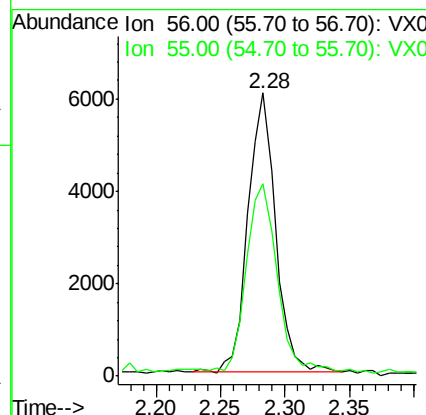
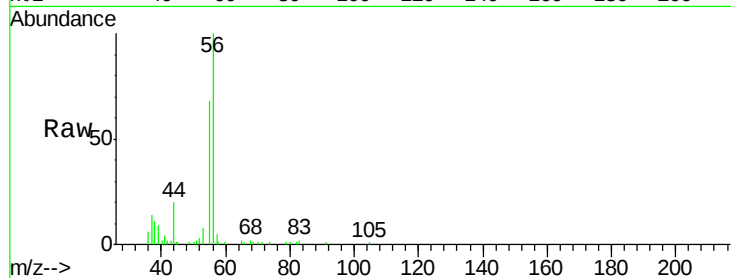
#13
Acrolein
Concen: 263.244 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	8917
Ion Ratio	100	Lower	Upper
55	77.7	59.2	88.8

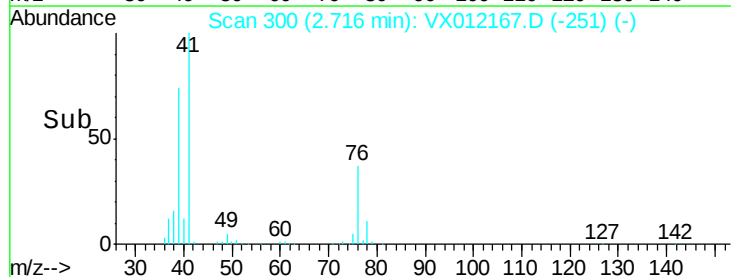
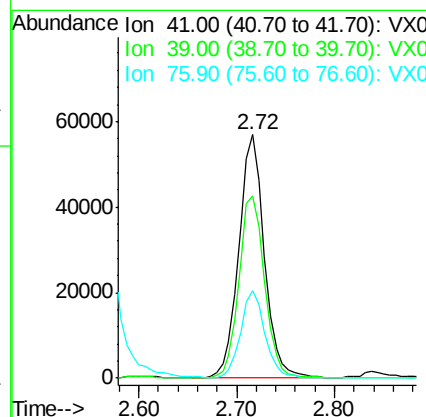
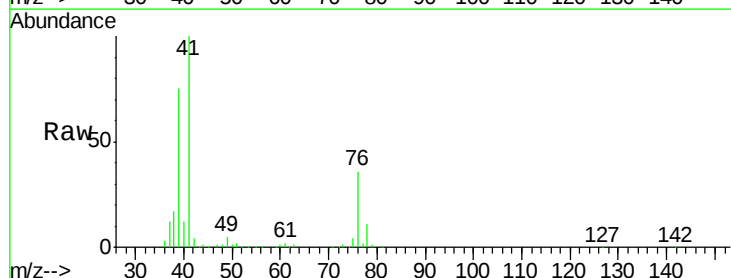
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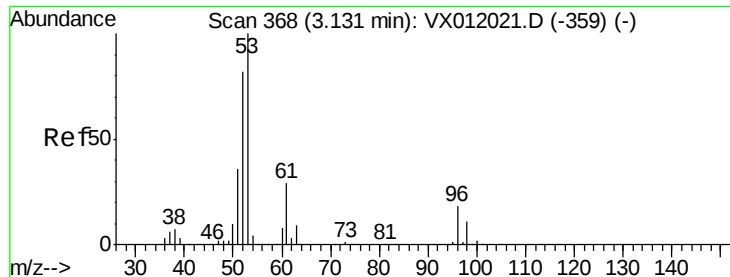
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#14
Allyl chloride
Concen: 56.836 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	41	Resp	102898
Ion Ratio	100	Lower	Upper
39	75.0	57.9	86.9
76	34.4	28.5	42.7





#15

Acrylonitrile

Concen: 298.925 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

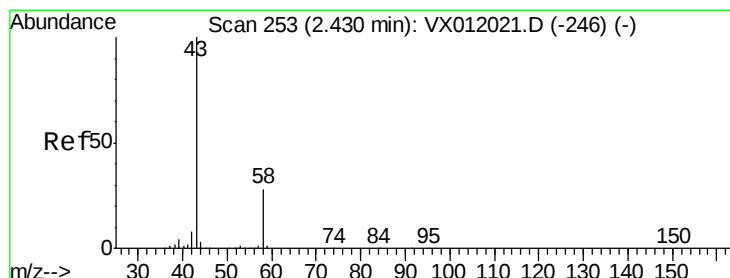
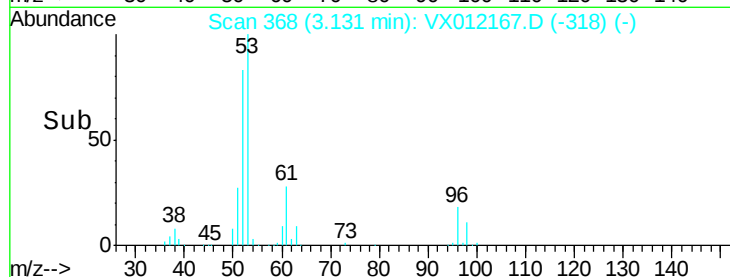
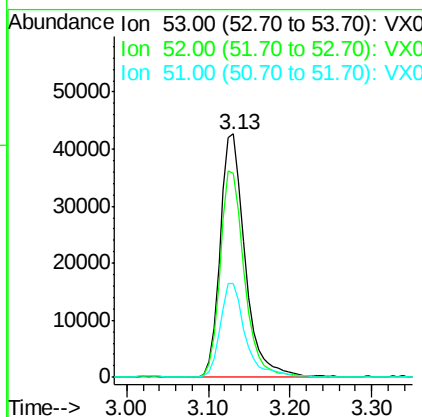
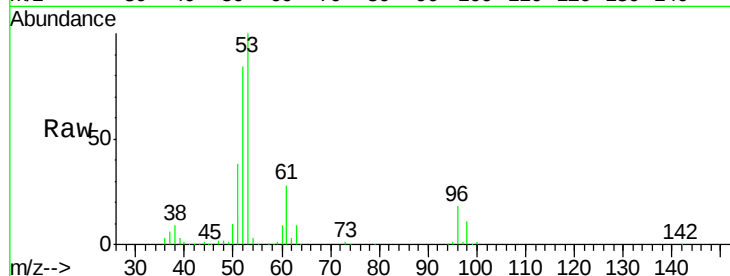
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	91025
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.6	98.4
51	39.0	29.8	44.6

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#16

Acetone

Concen: 246.227 ug/l

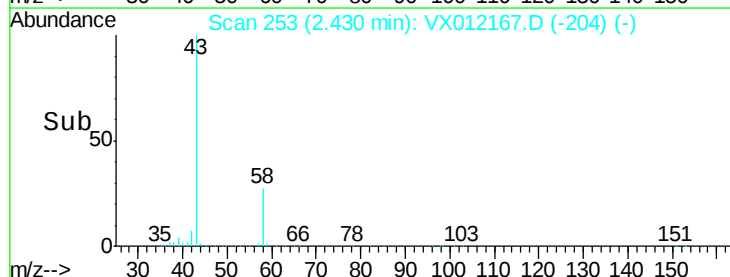
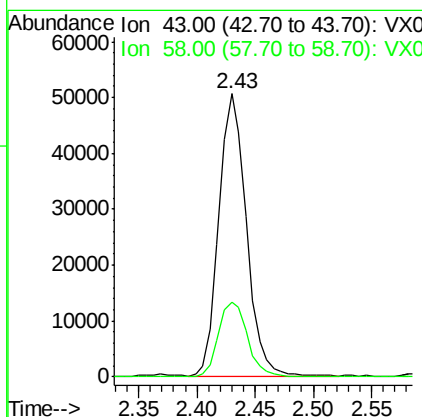
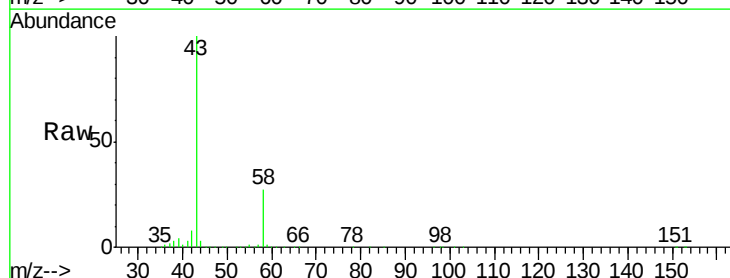
RT: 2.43 min Scan# 253

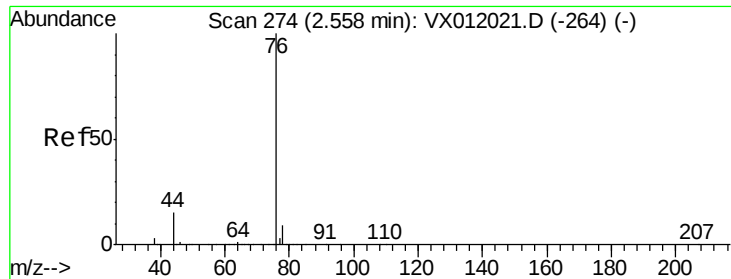
Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion:	43	Resp:	82513
Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.8	34.2





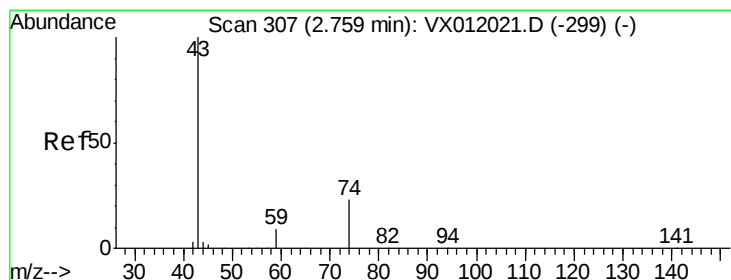
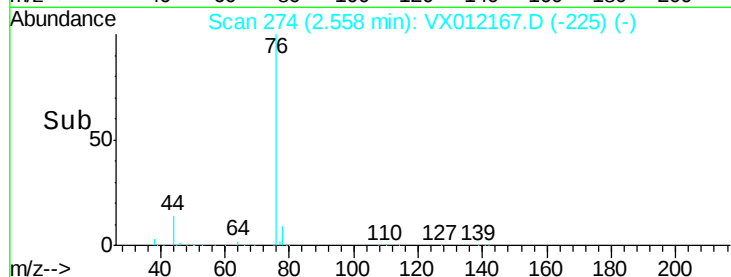
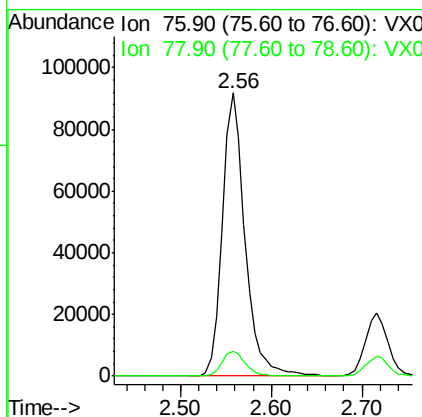
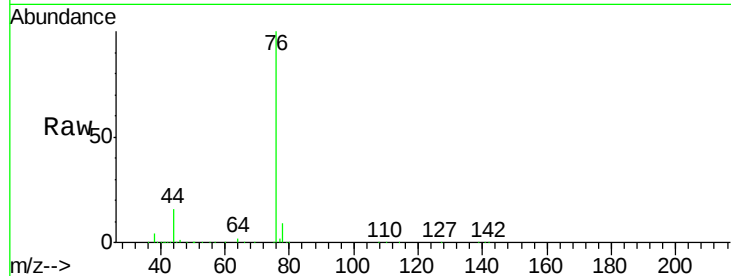
#17
Carbon Disulfide
Concen: 54.634 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

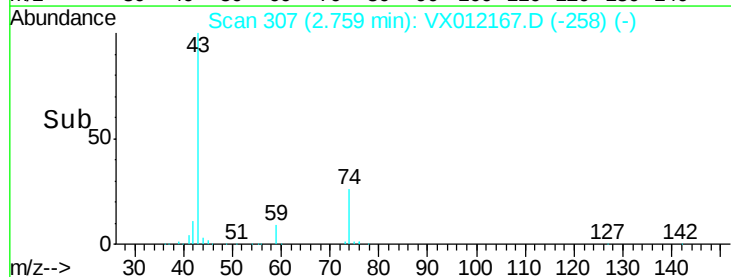
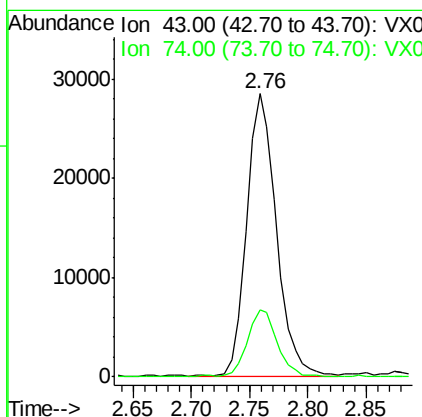
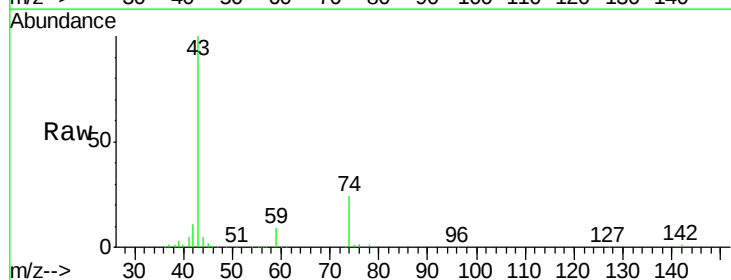
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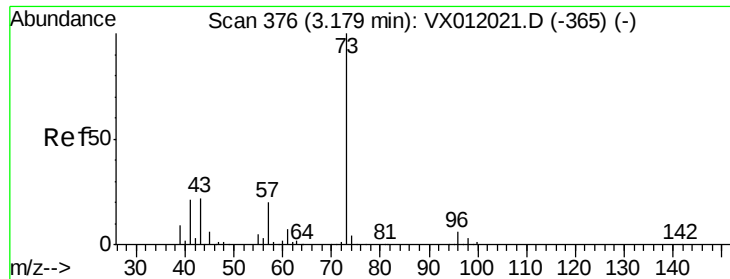
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#18
Methyl Acetate
Concen: 63.672 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.5	29.3





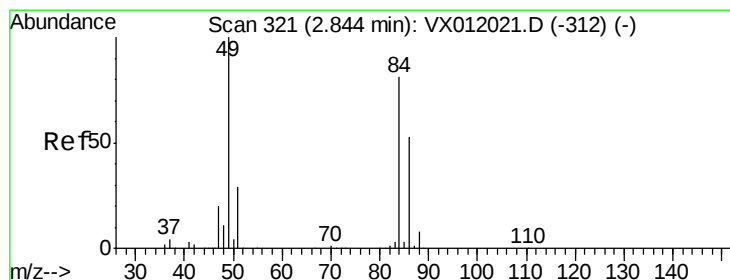
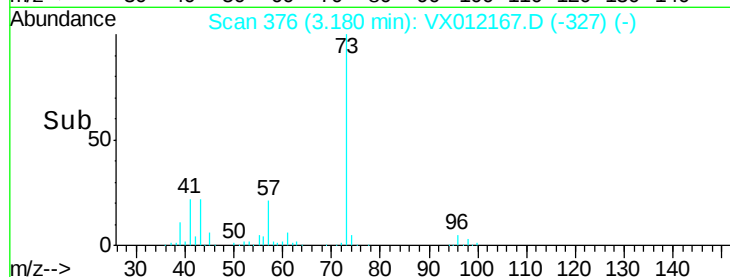
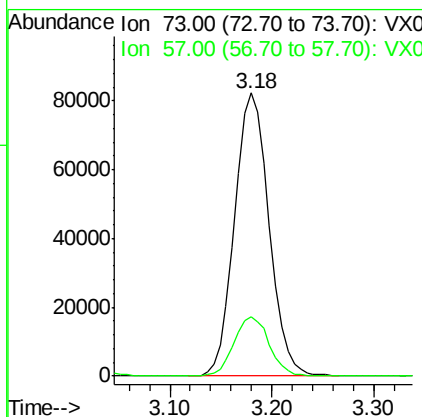
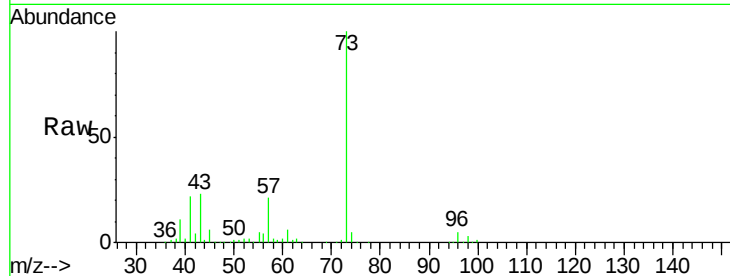
#19
Methyl tert-butyl Ether
Concen: 59.227 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.6	25.0

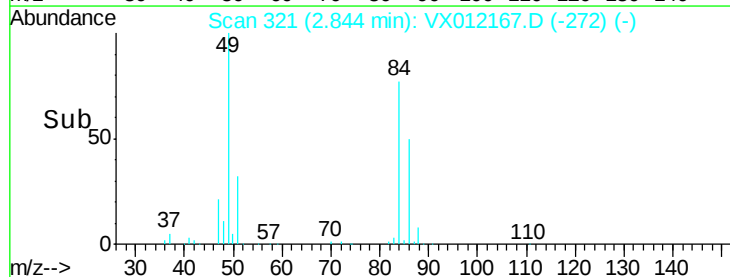
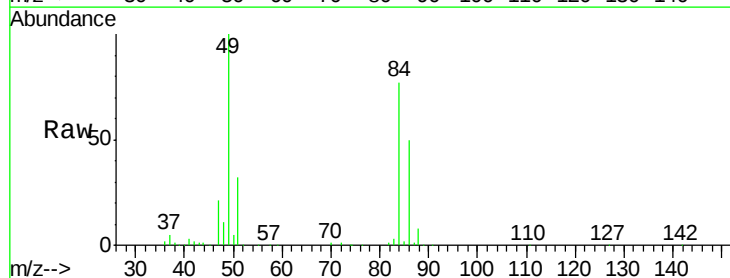
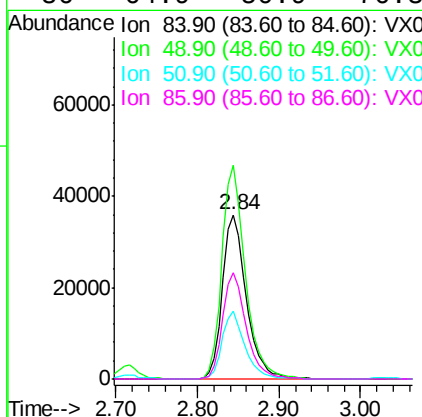
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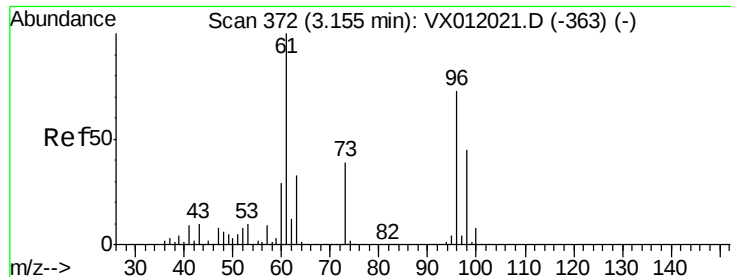
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#20
Methylene Chloride
Concen: 54.212 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.1	95.8	143.8
51	41.4	28.6	43.0
86	64.9	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 55.446 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 65100

Ion Ratio Lower Upper

96 100

61 149.5 107.0 160.6

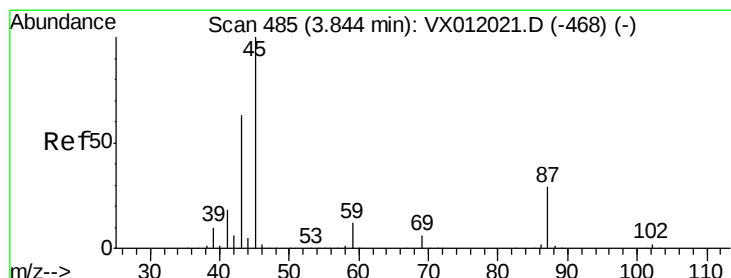
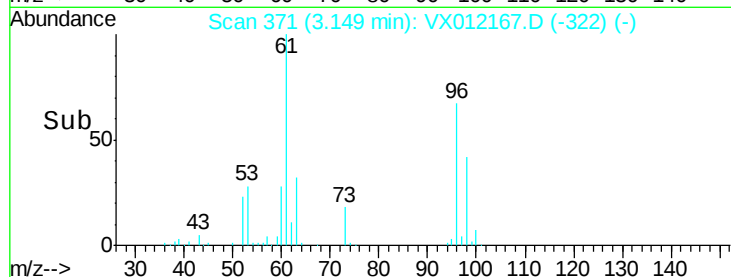
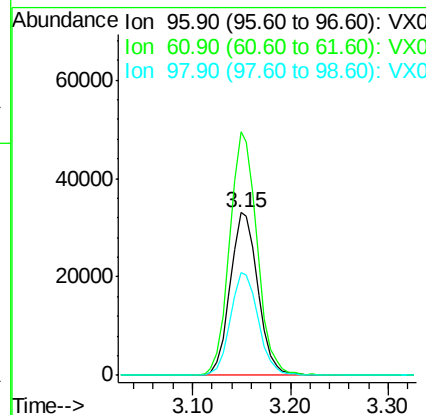
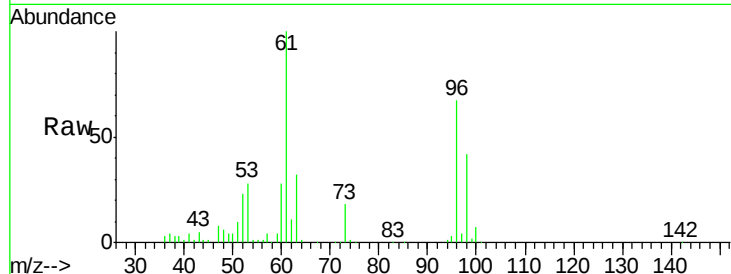
98 63.0 49.8 74.6

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#22

Diisopropyl ether

Concen: 59.488 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion: 45 Resp: 219519

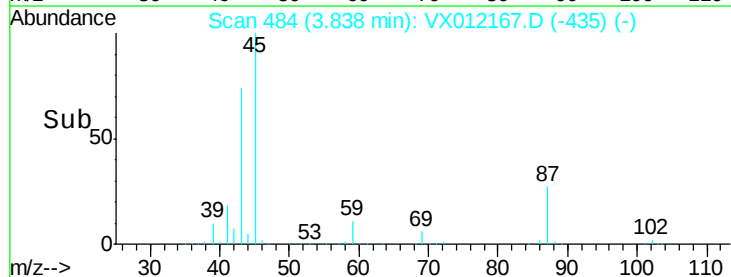
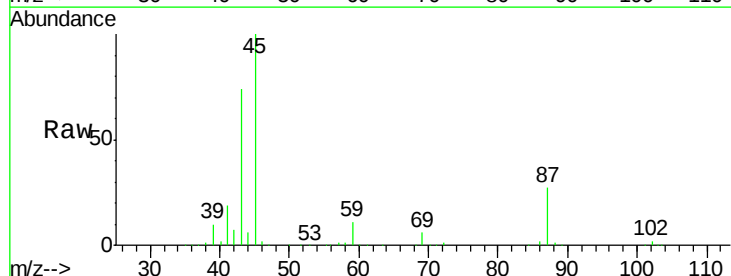
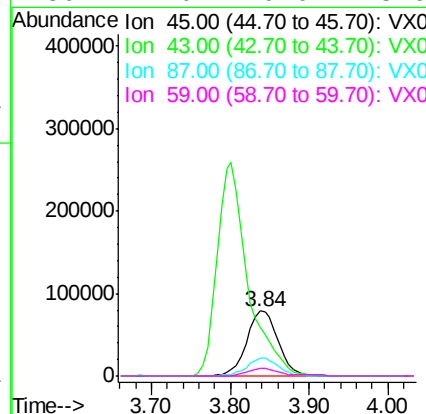
Ion Ratio Lower Upper

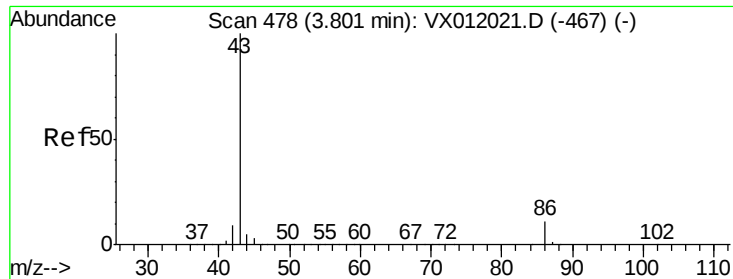
45 100

43 73.1 54.2 81.4

87 26.8 23.4 35.0

59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 294.244 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 702392

Ion Ratio Lower Upper

43 100

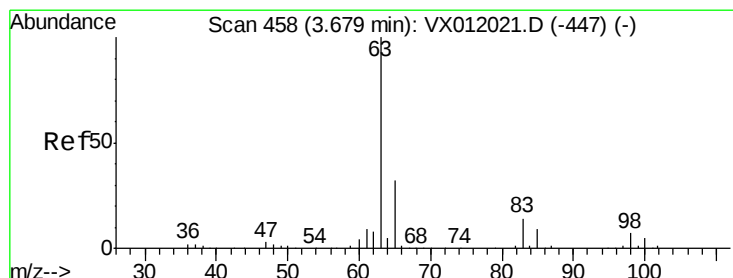
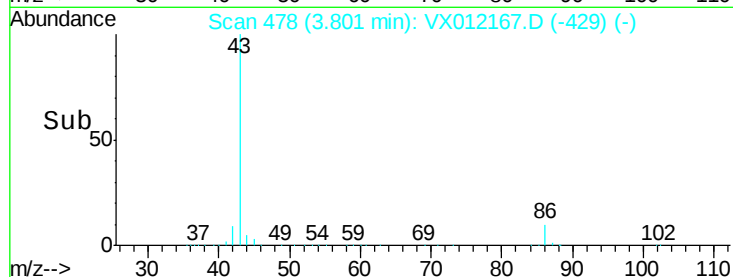
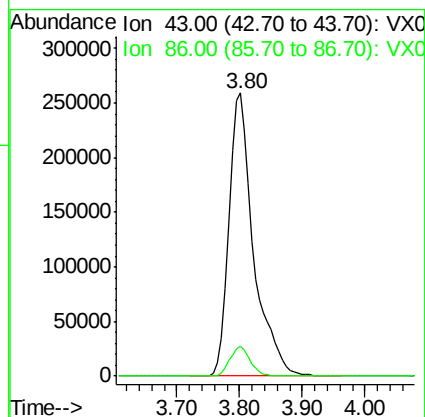
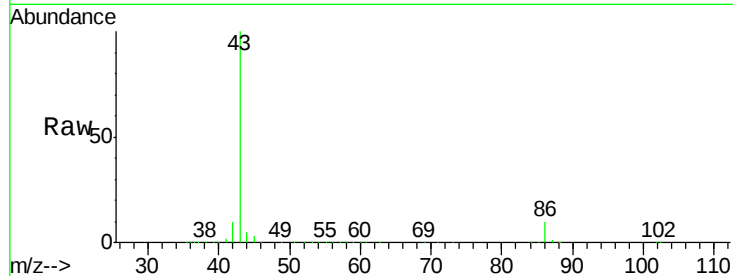
86 10.5 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 57.285 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

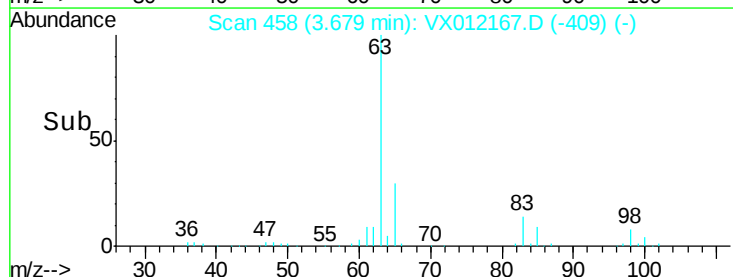
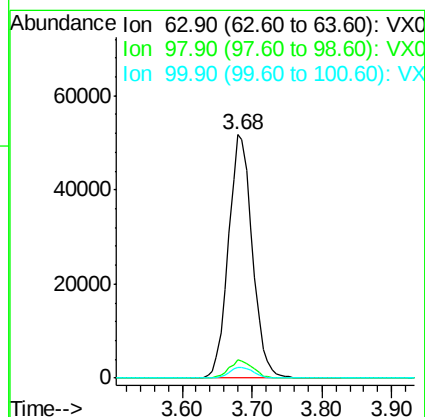
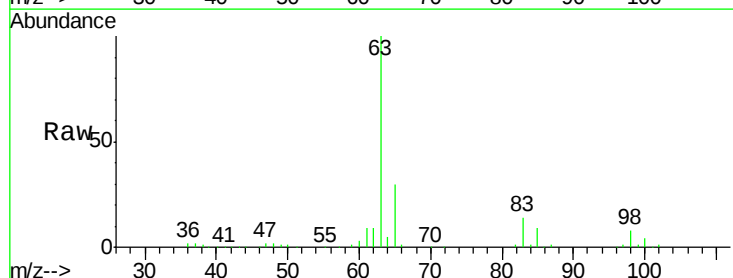
Tgt Ion: 63 Resp: 122601

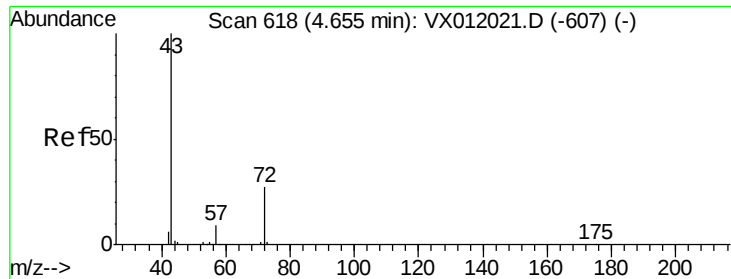
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 289.684 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 123570

Ion Ratio Lower Upper

43 100

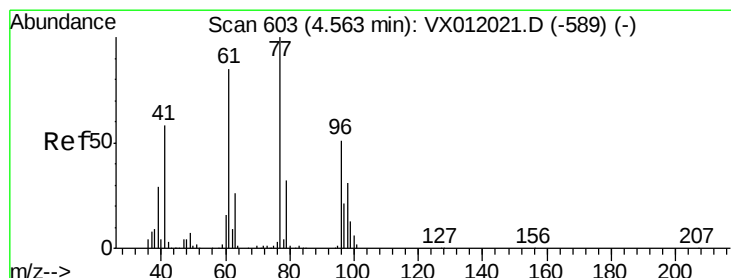
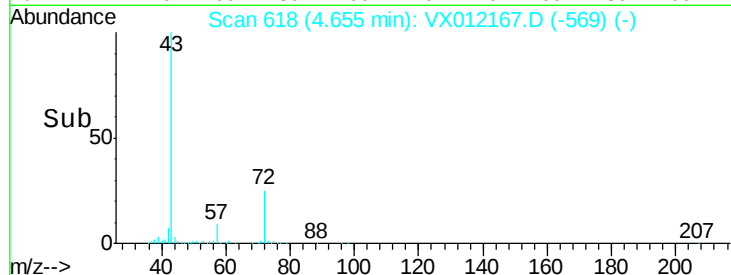
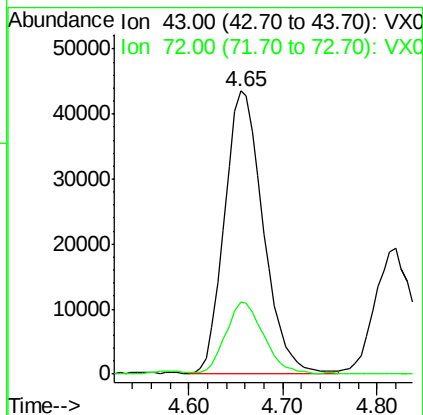
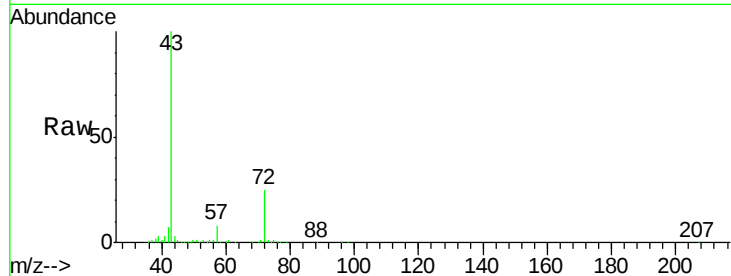
72 25.3 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 46.934 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012167.D

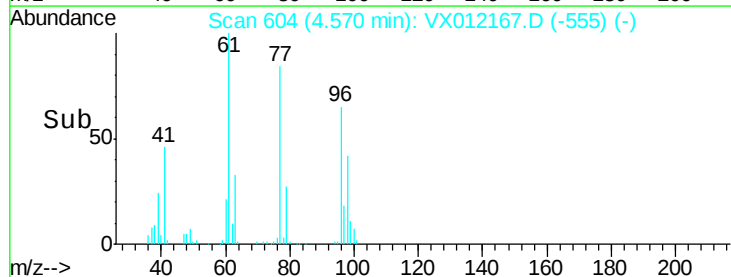
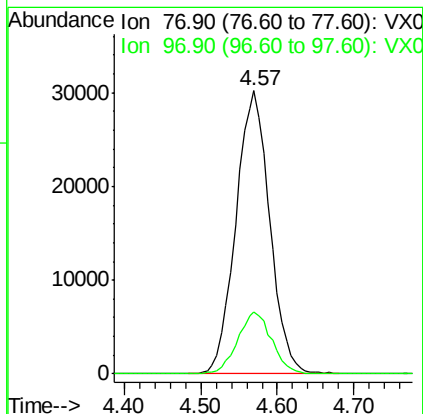
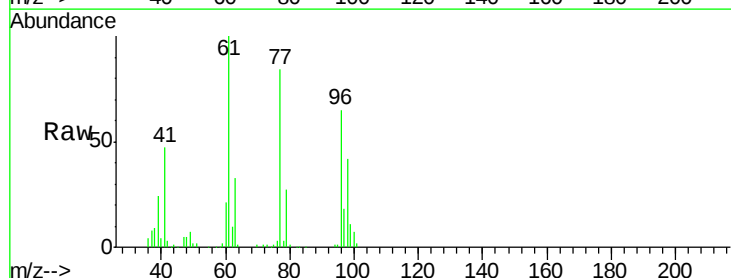
Acq: 07 Sep 2019 00:03

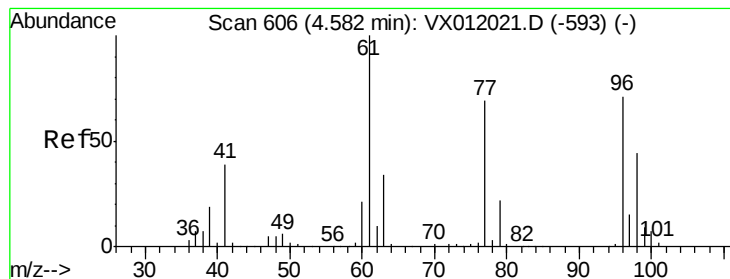
Tgt Ion: 77 Resp: 92739

Ion Ratio Lower Upper

77 100

97 22.0 11.5 34.5





#27

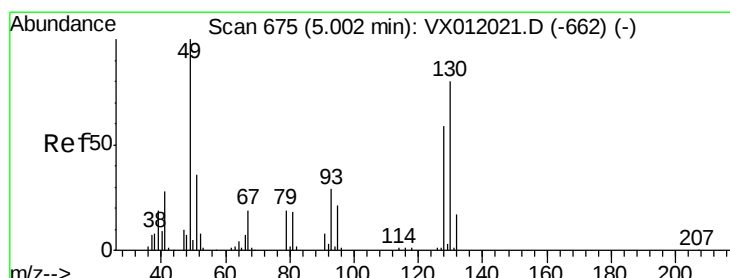
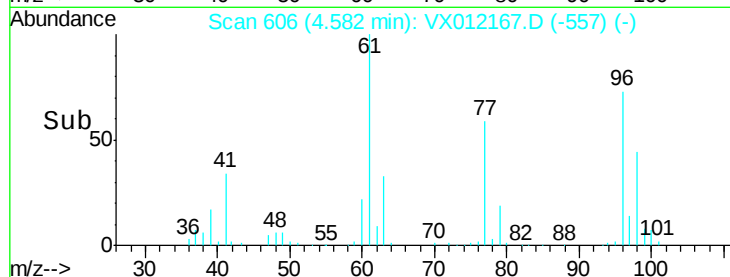
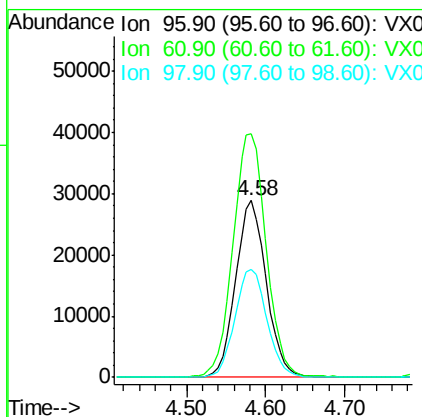
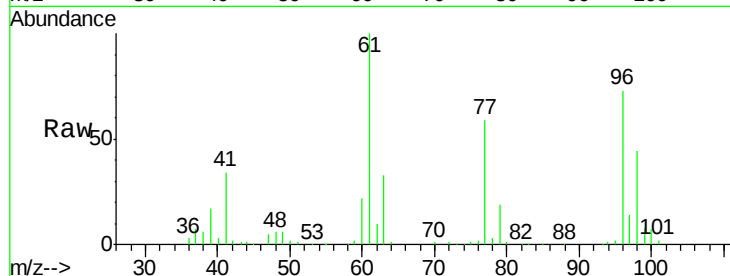
cis-1,2-Dichloroethene
Concen: 56.944 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	277.0
98	64.0	0.0	128.4

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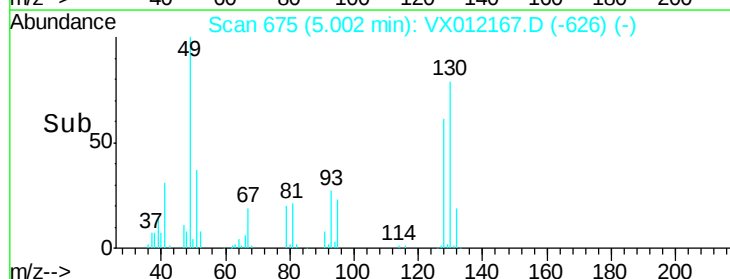
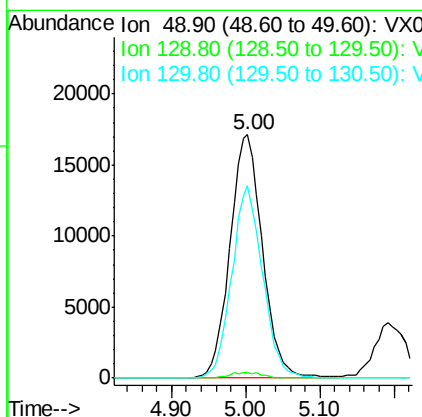
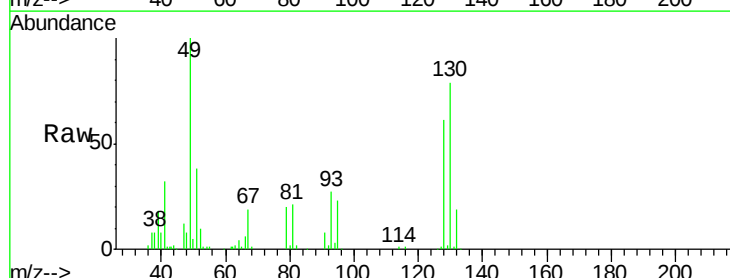
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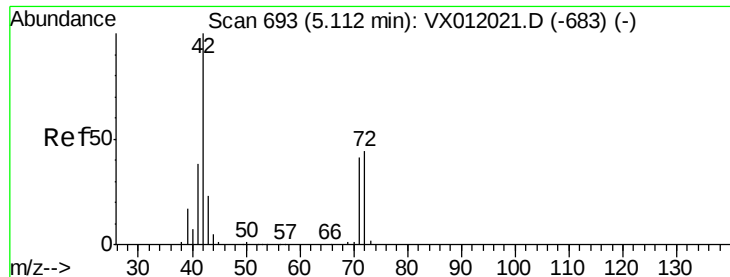


#28

Bromochloromethane
Concen: 61.347 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	74.9	76.7	115.1#





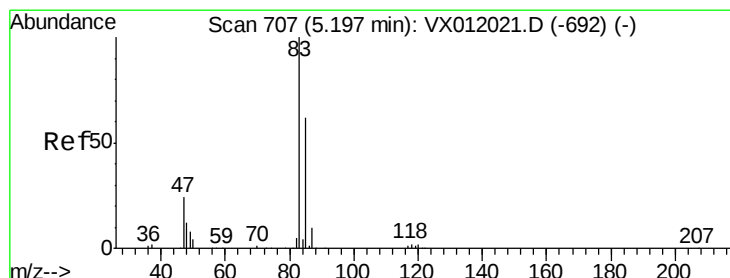
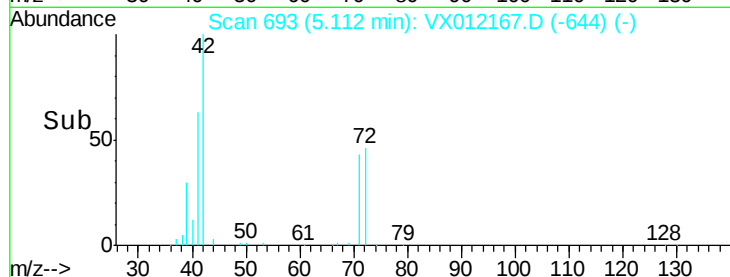
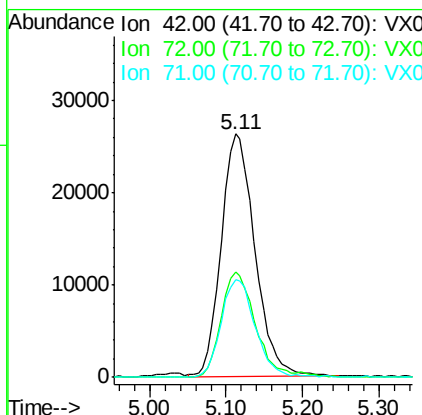
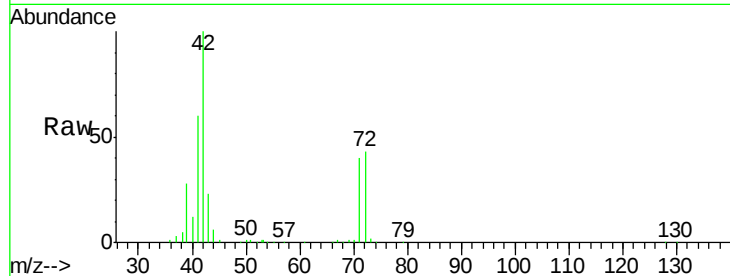
#29
Tetrahydrofuran
Concen: 312.532 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	37.0	55.4
71	41.0	33.8	50.8

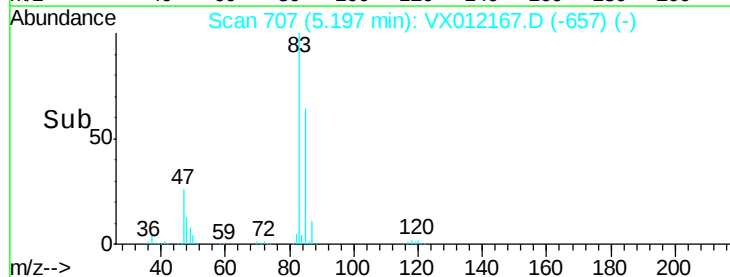
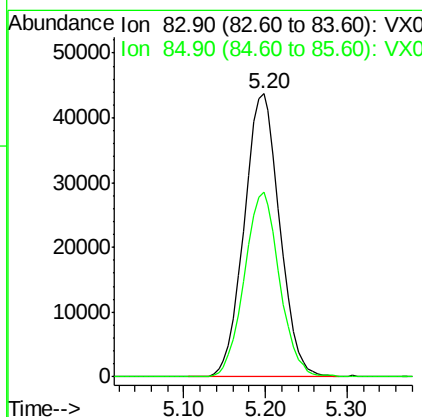
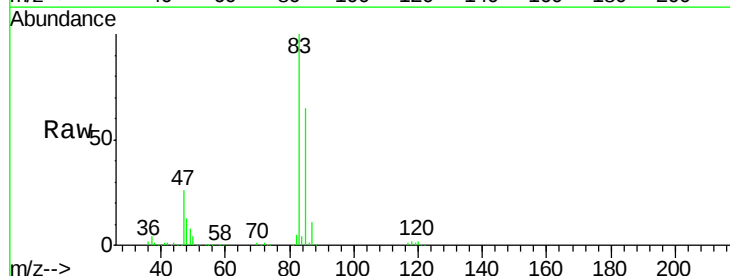
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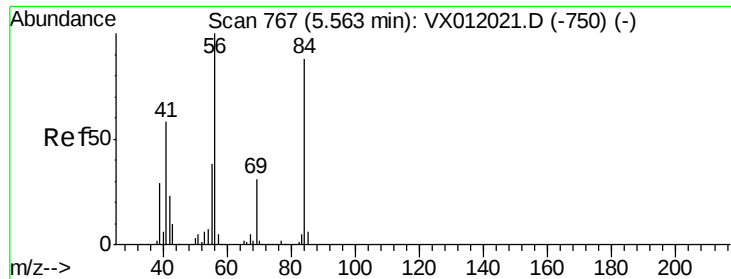
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#30
Chloroform
Concen: 57.735 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	78.8





#31

Cyclohexane

Concen: 49.854 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

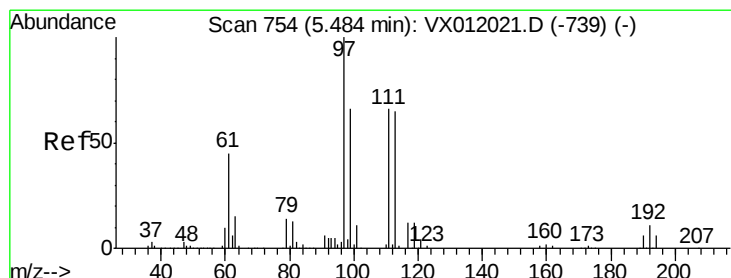
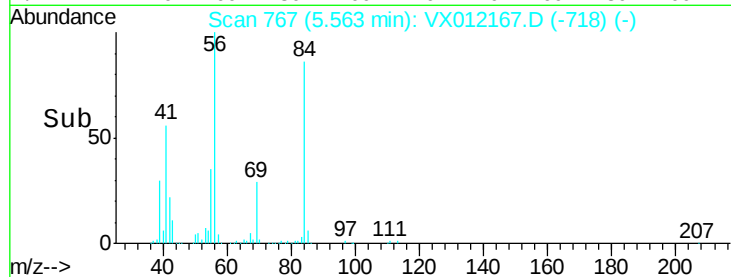
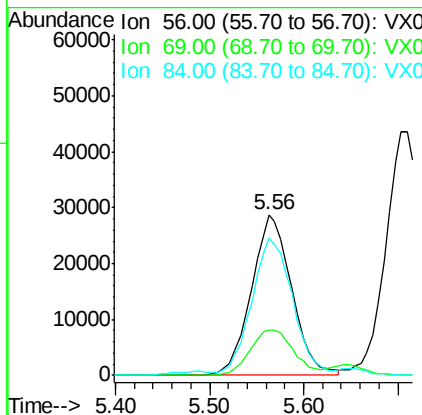
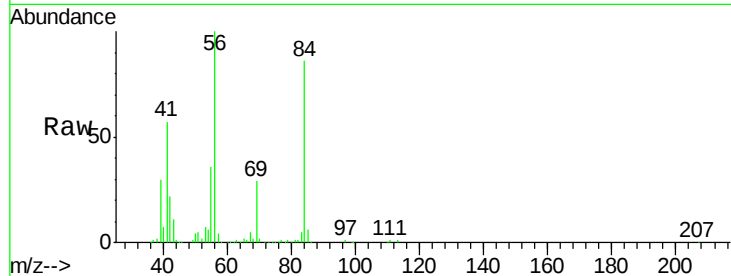
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	85691
Ion	Ratio	Lower	Upper
56	100		
69	28.5	25.7	38.5
84	83.6	70.3	105.5

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#32

1,1,1-Trichloroethane

Concen: 55.953 ug/l

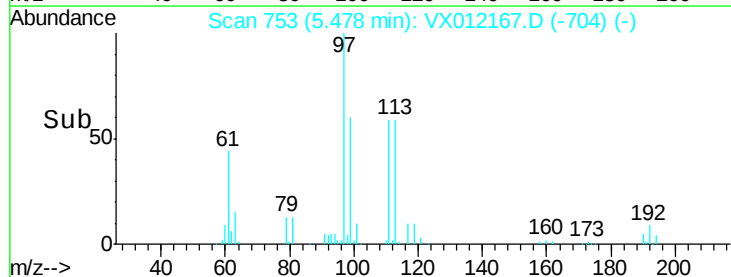
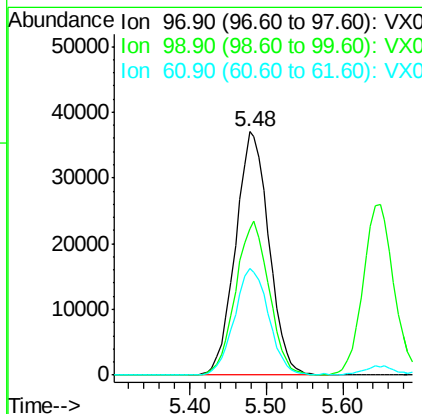
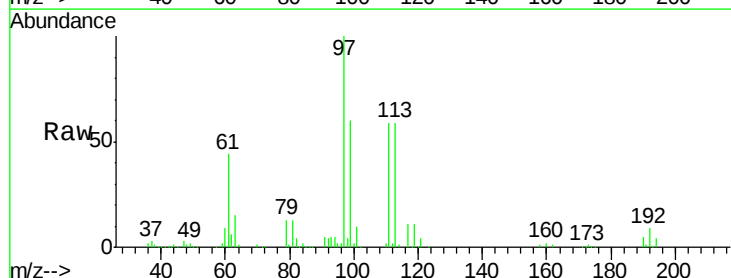
RT: 5.48 min Scan# 753

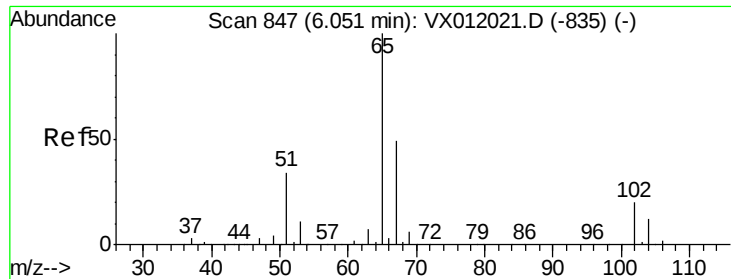
Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion:	97	Resp:	111910
Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.1	78.1
61	45.1	32.8	49.2





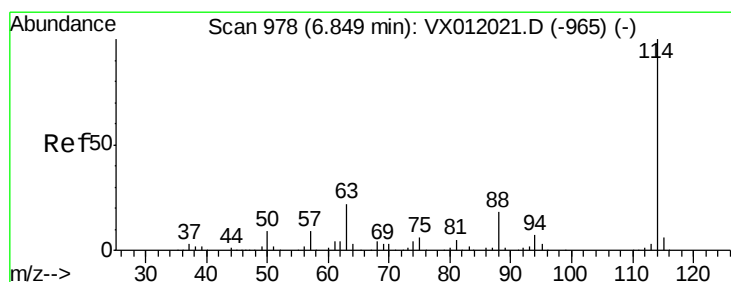
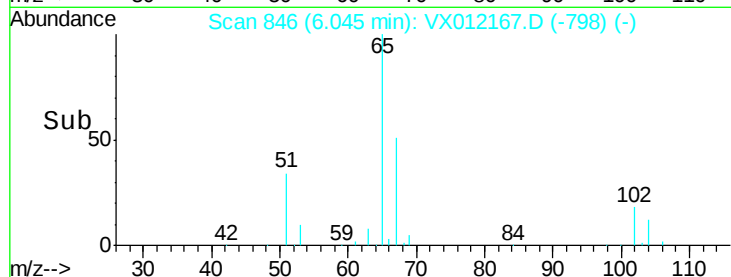
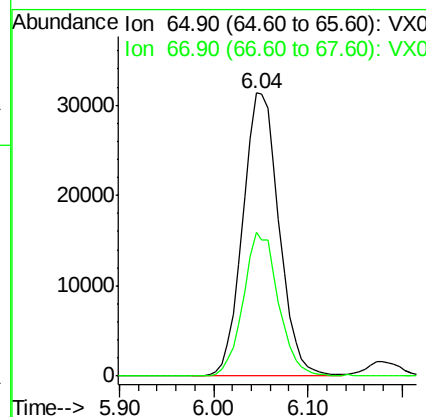
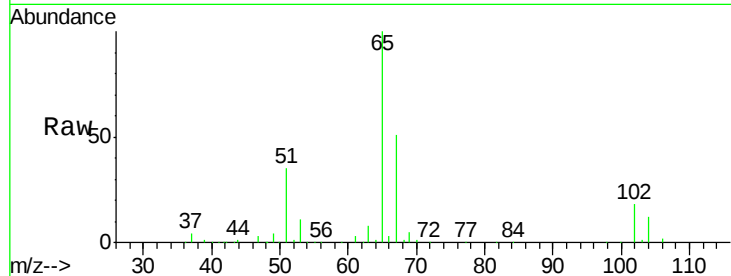
#33
 1,2-Dichloroethane-d4
 Concen: 60.206 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	102.0

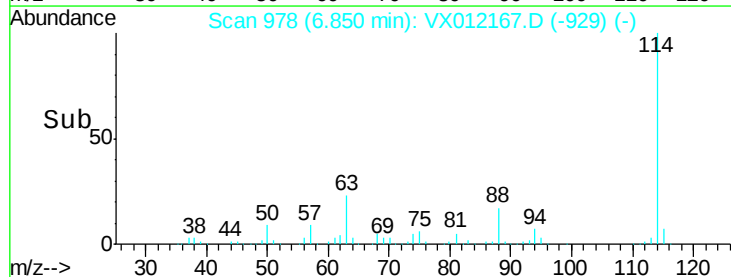
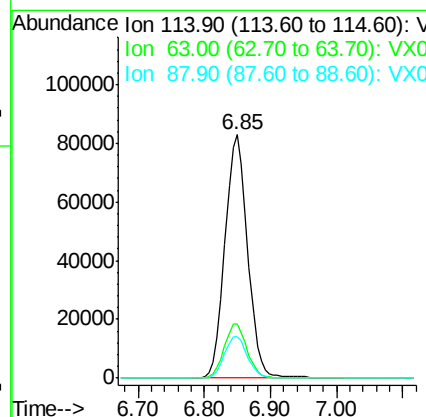
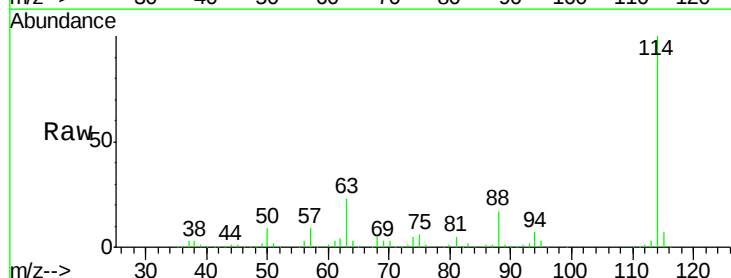
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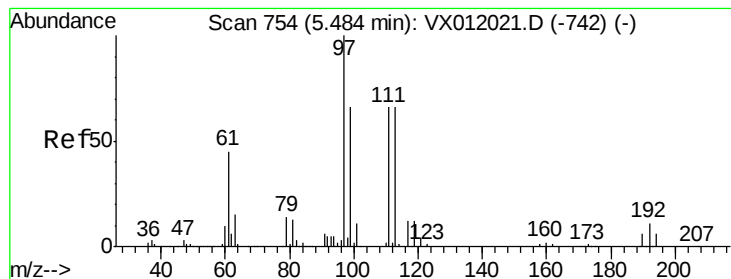
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	37.4
88	17.2	0.0	29.6





#35

Dibromofluoromethane

Concen: 54.302 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 65791

Ion Ratio Lower Upper

113 100

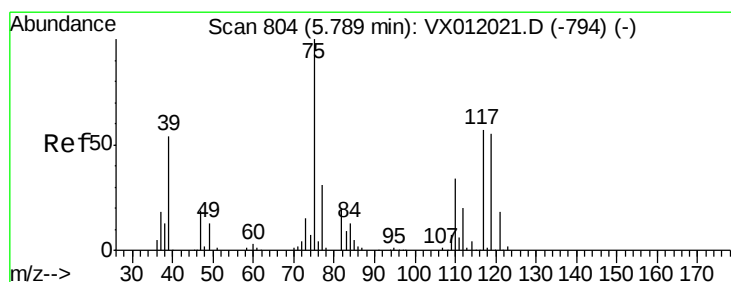
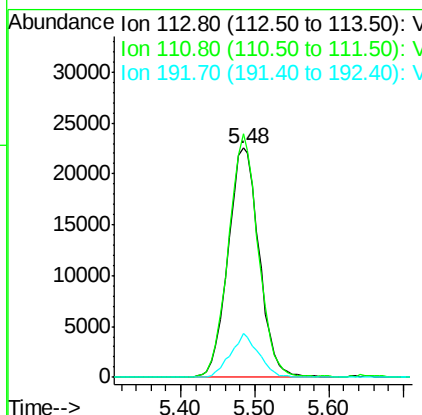
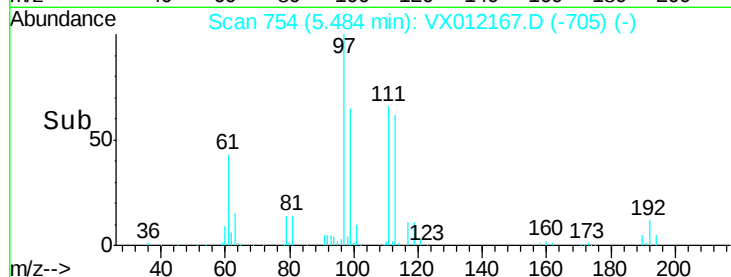
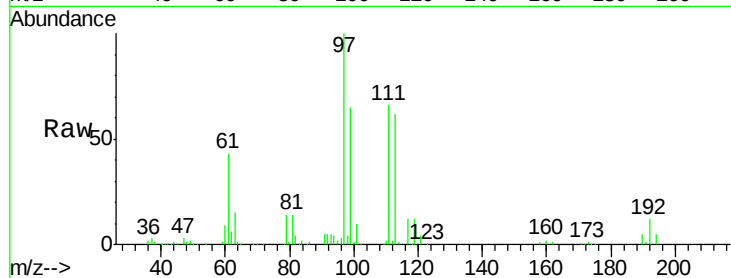
111 101.4 81.7 122.5

192 17.2 22.5 33.7#

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#36

1,1-Dichloropropene

Concen: 51.163 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

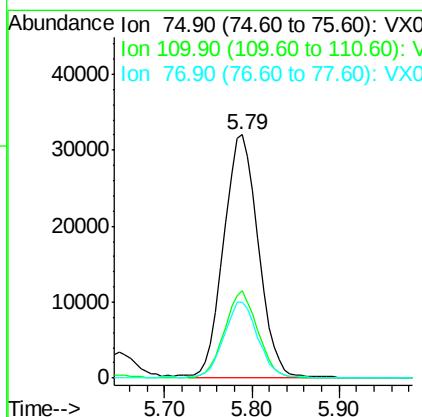
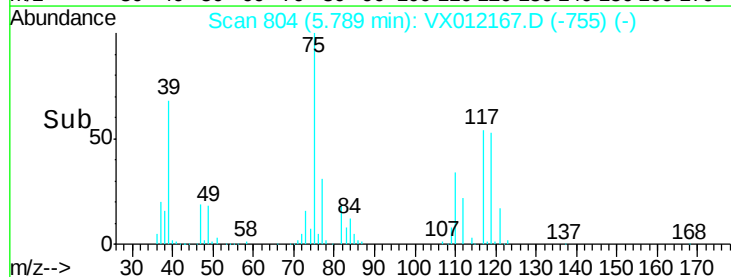
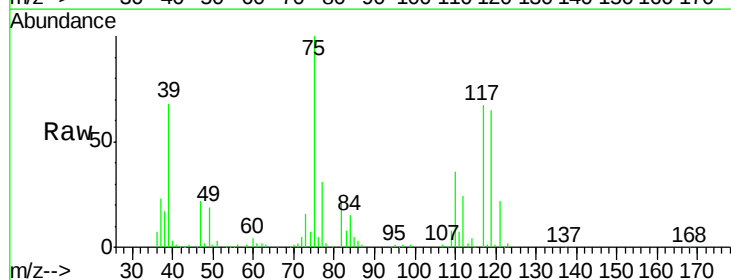
Tgt Ion: 75 Resp: 88779

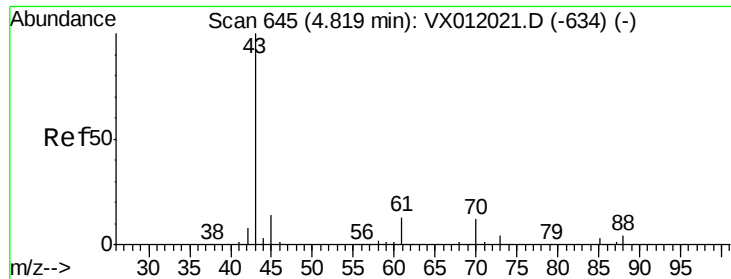
Ion Ratio Lower Upper

75 100

110 34.1 19.5 58.5

77 30.4 24.6 37.0





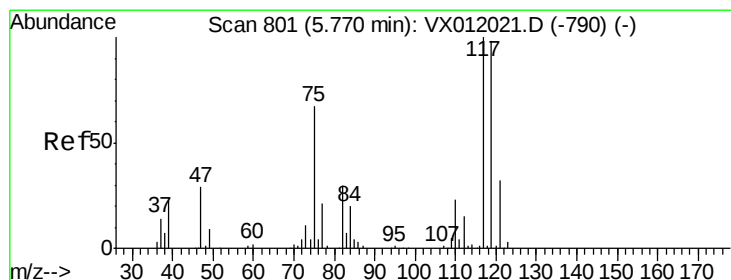
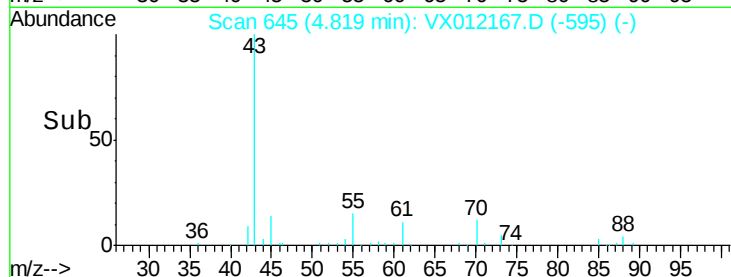
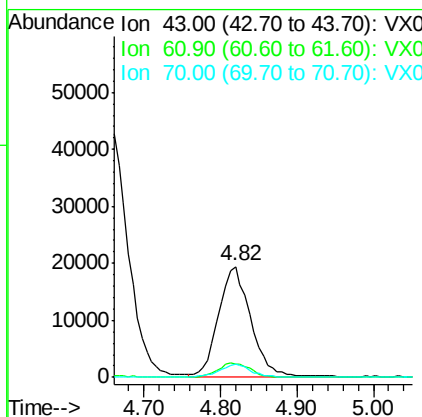
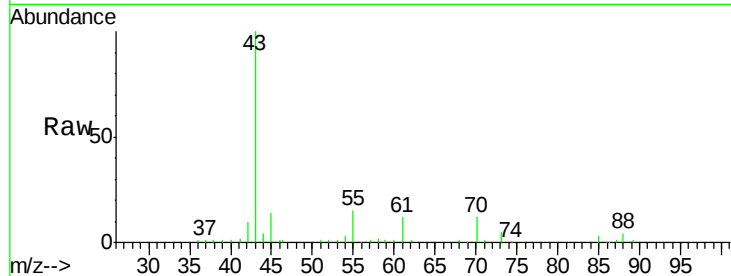
#37
Ethyl Acetate
Concen: 59.812 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	11.3	9.4	14.0

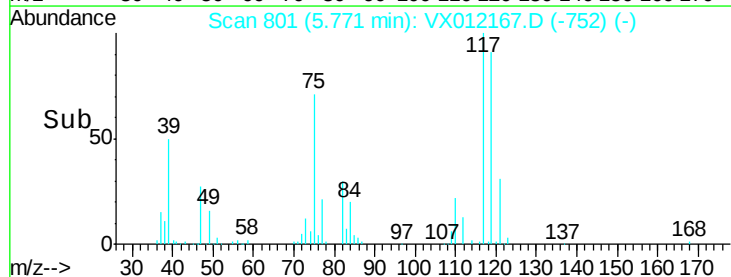
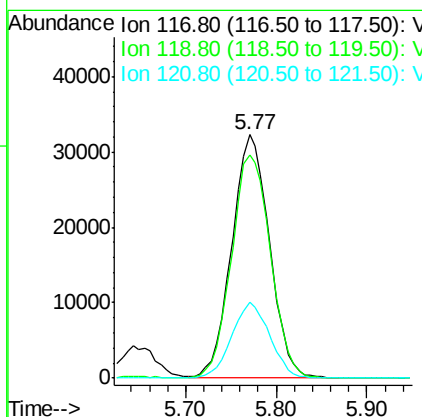
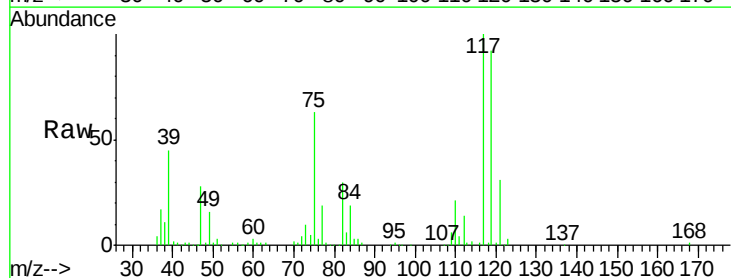
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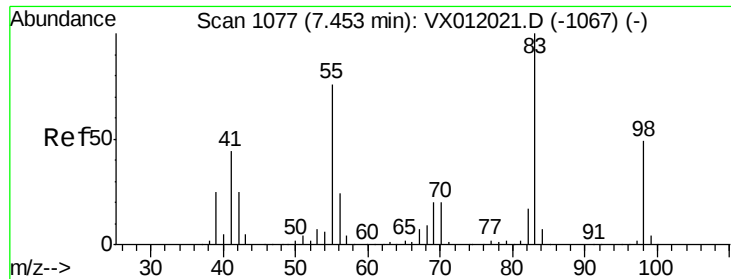
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#38
Carbon Tetrachloride
Concen: 50.861 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	78.3	117.5
121	31.3	24.2	36.2





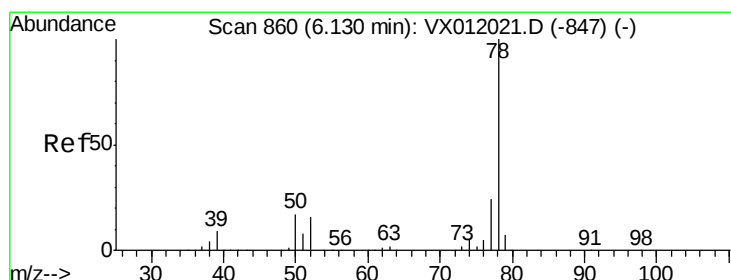
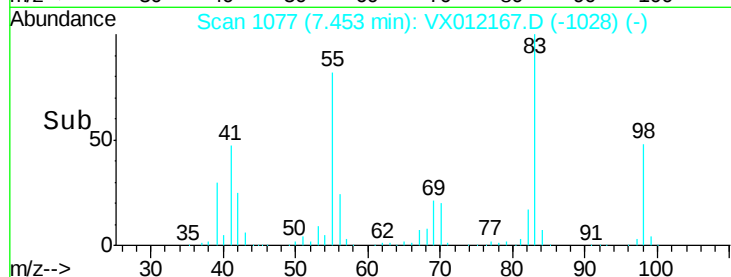
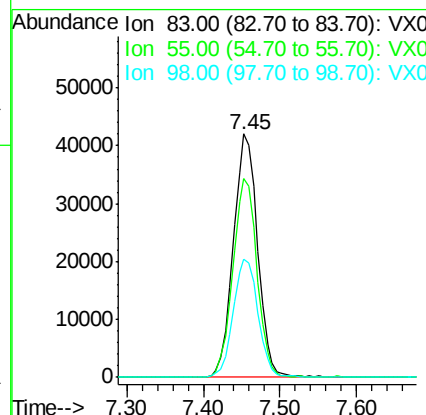
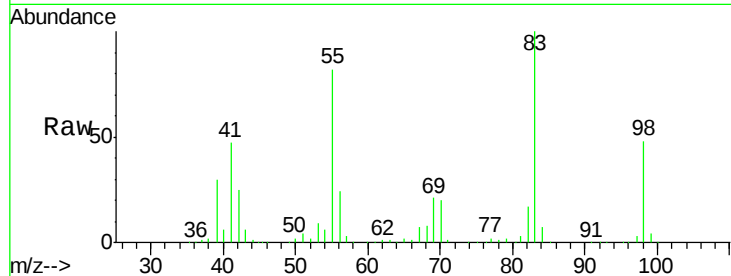
#39
Methvlcvclohexane
Concen: 45.801 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	92239
Ion Ratio	100	Lower	Upper
83	100		
55	81.5	59.6	89.4
98	48.5	41.4	62.0

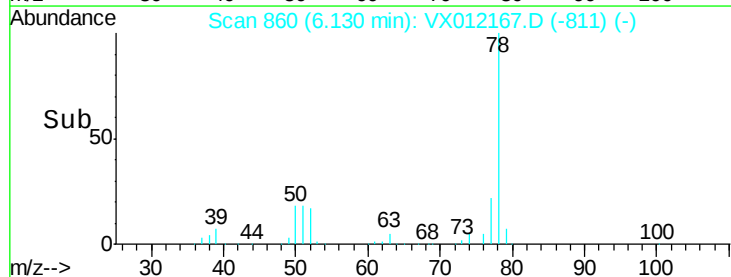
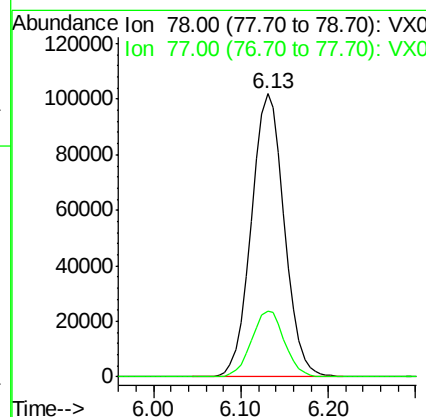
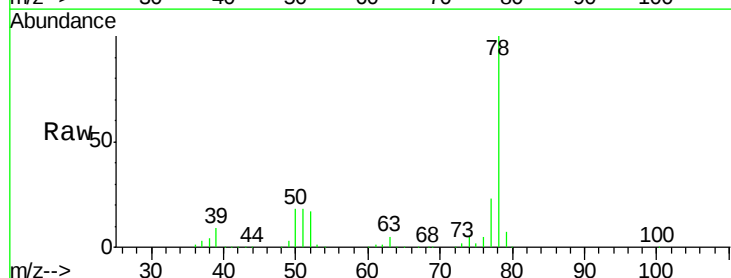
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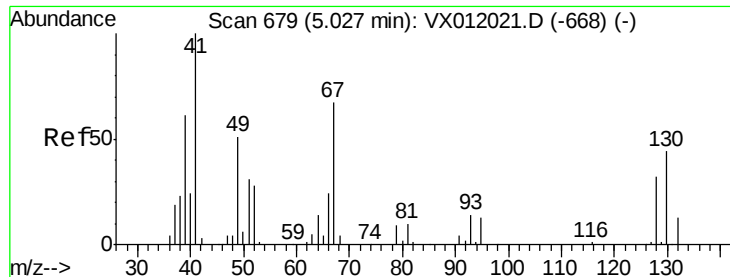
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#40
Benzene
Concen: 53.636 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	78	Resp	267184
Ion Ratio	100	Lower	Upper
78	100		
77	23.1	19.3	28.9





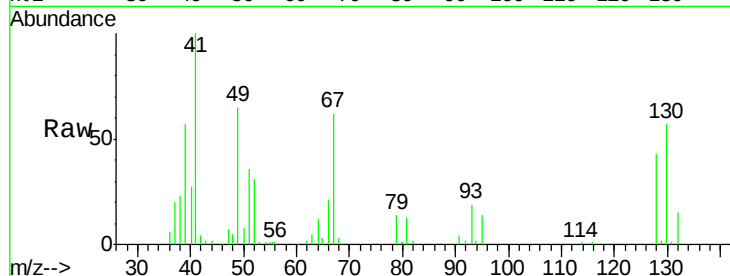
#41
Methacrylonitrile
Concen: 58.769 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

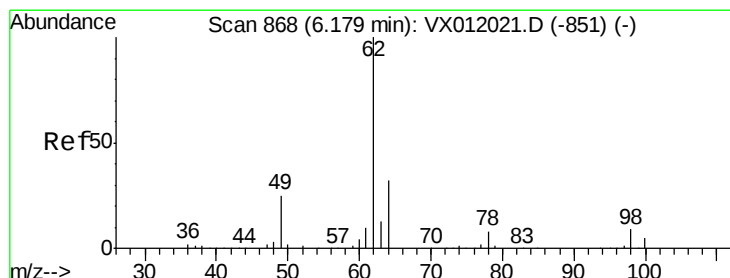
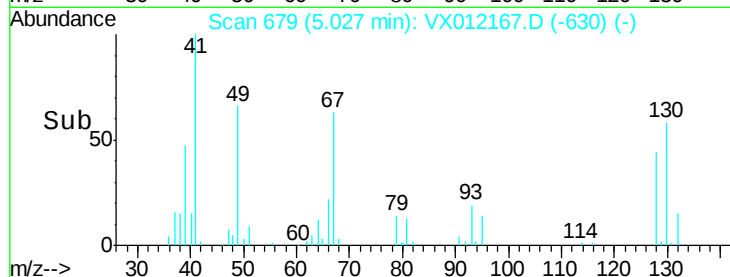
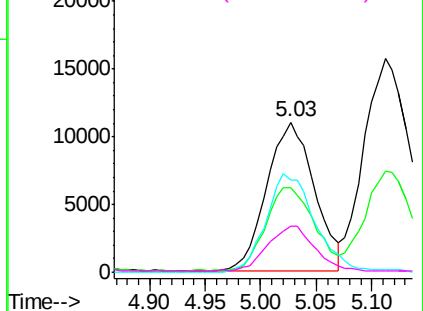
Tot Ion	Ratio	Lower	Upper
41	100		
39	57.1	46.7	70.1
67	67.6	57.0	85.6
52	30.1	23.5	35.3

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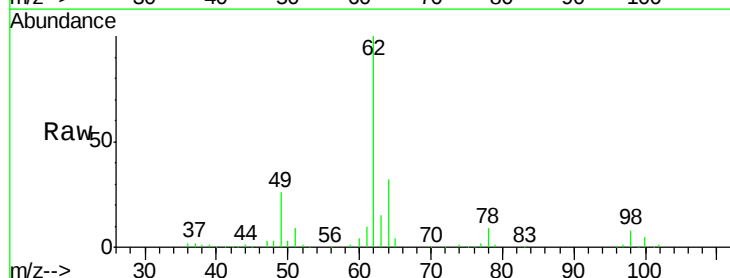


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

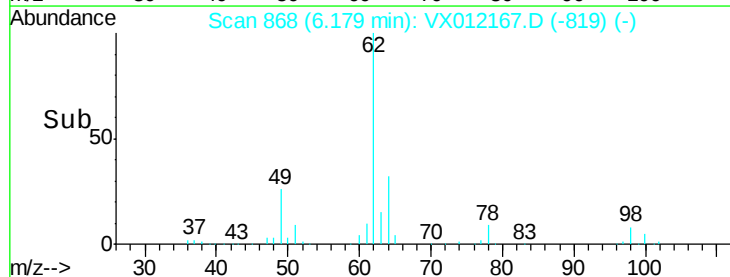
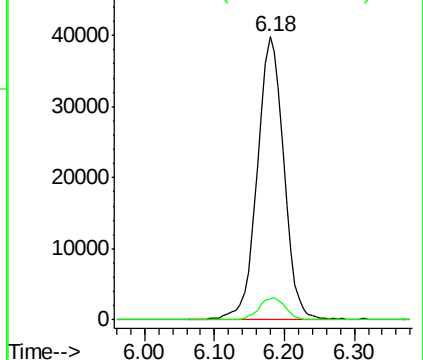


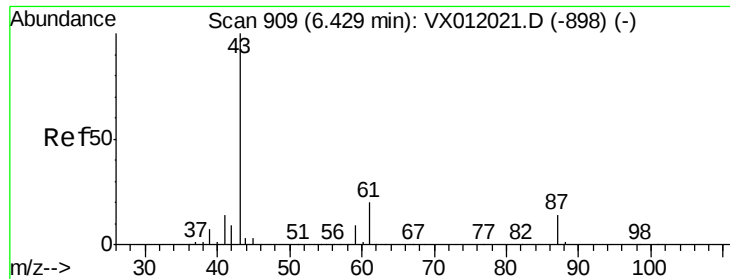
#42
1,2-Dichloroethane
Concen: 59.024 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

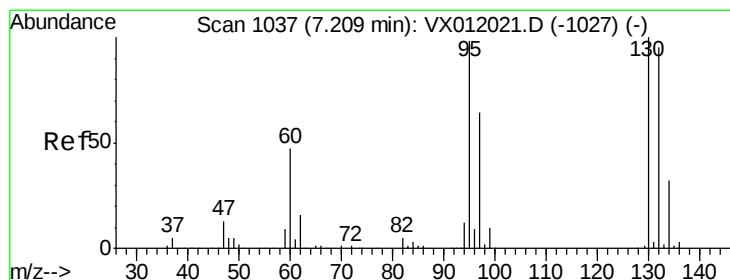
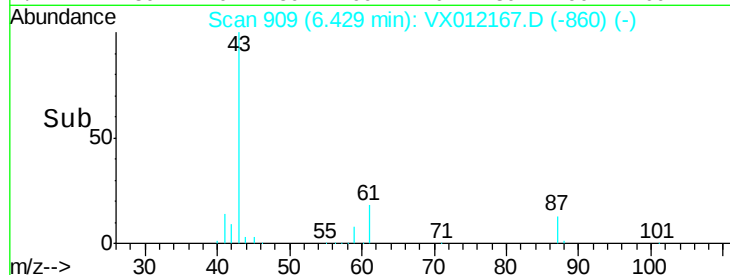
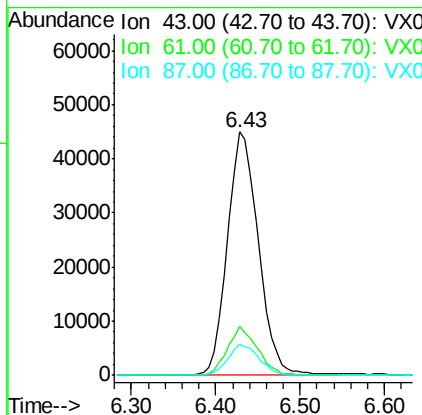
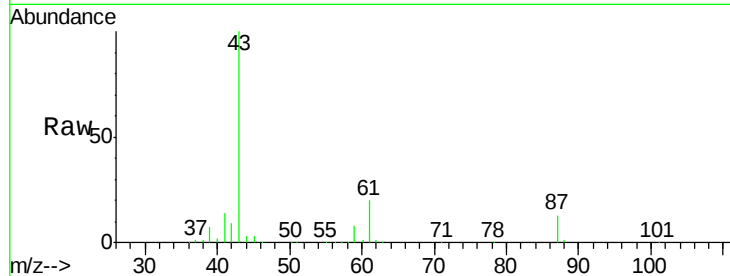
Isopropyl Acetate
 Concen: 58.332 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	12.8	11.3	16.9

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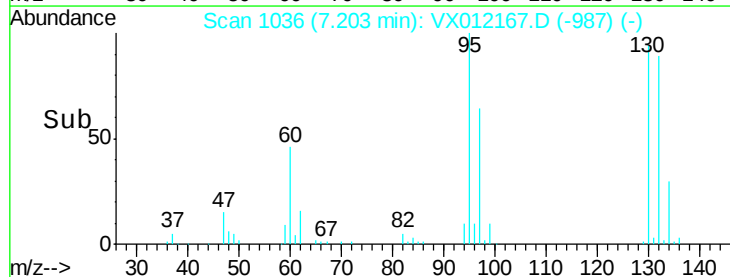
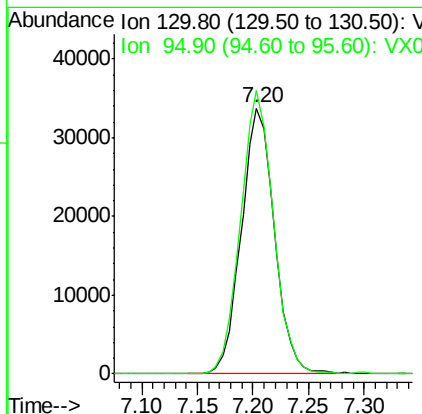
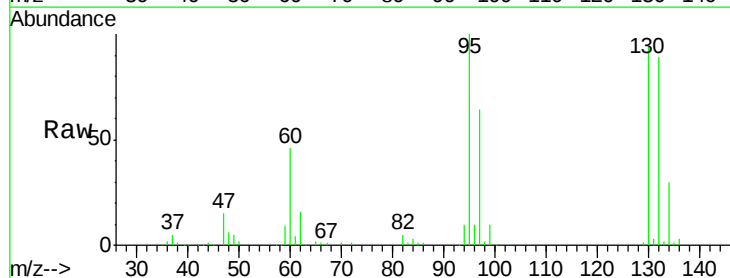
MMDadoda
 9/9/2019 10:50:05 AM

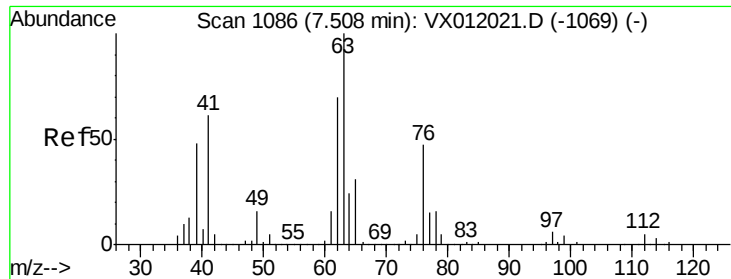


#44

Trichloroethene
 Concen: 51.787 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	176.4





#45

1,2-Dichloropropane

Concen: 54.645 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 70329

Ion Ratio Lower Upper

63 100

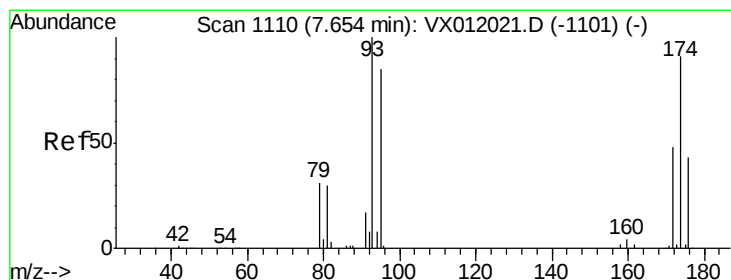
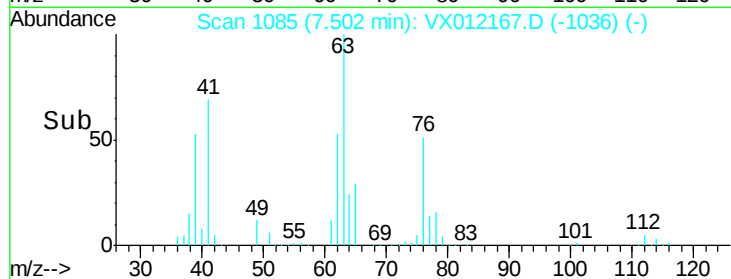
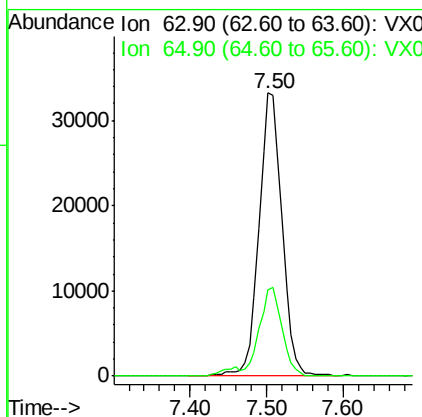
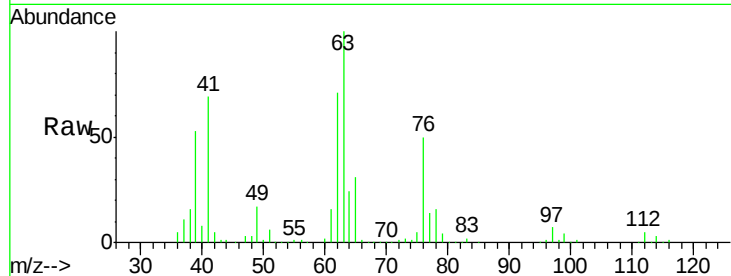
65 30.7 25.0 37.6

Manual Integrations

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9/9/2019 10:50:05 AM



#46

Dibromomethane

Concen: 56.699 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

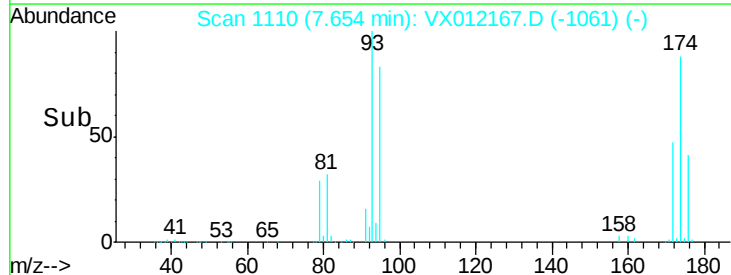
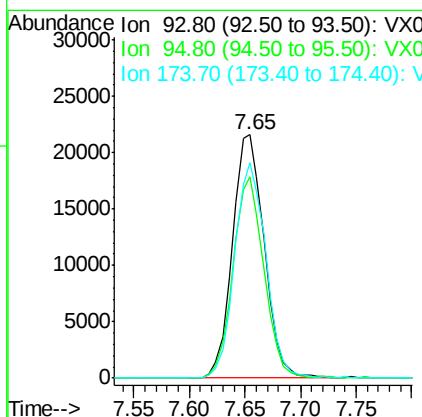
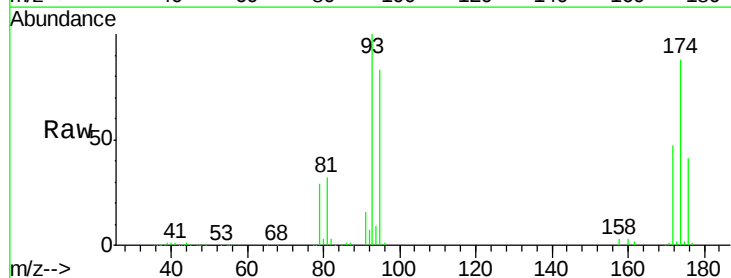
Tgt Ion: 93 Resp: 42599

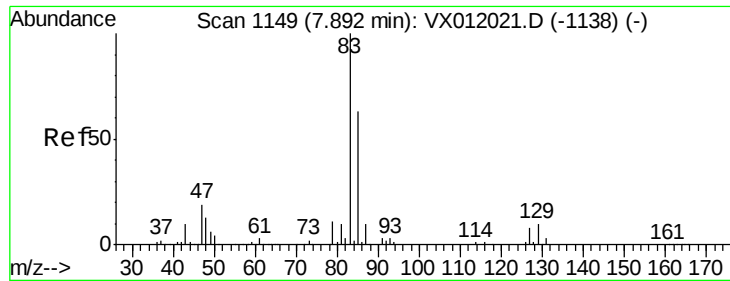
Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.2

174 87.0 110.2 165.4#





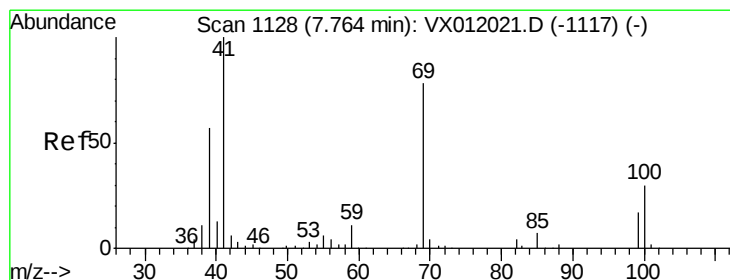
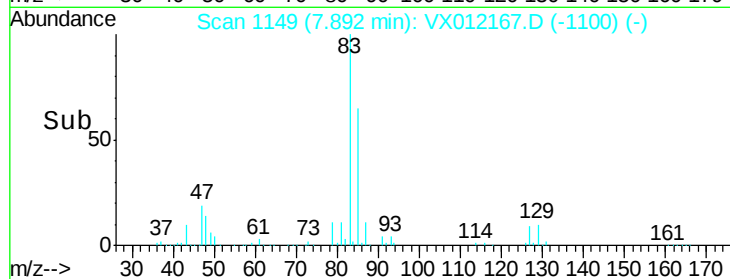
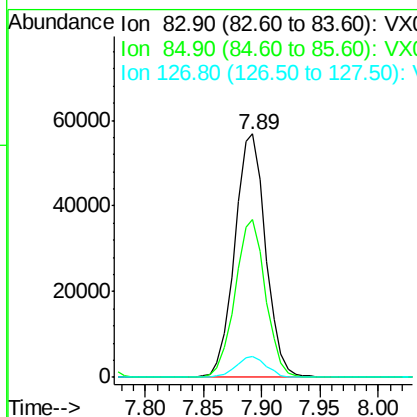
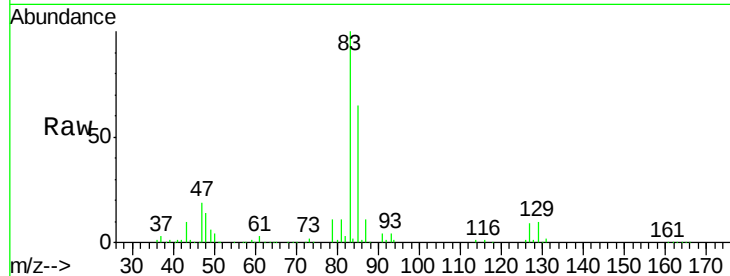
#47
Bromodichloromethane
Concen: 54.924 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	104890
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	50.3	75.5
127	8.7	8.1	12.1

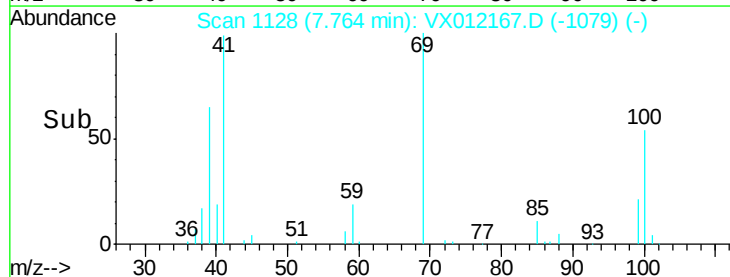
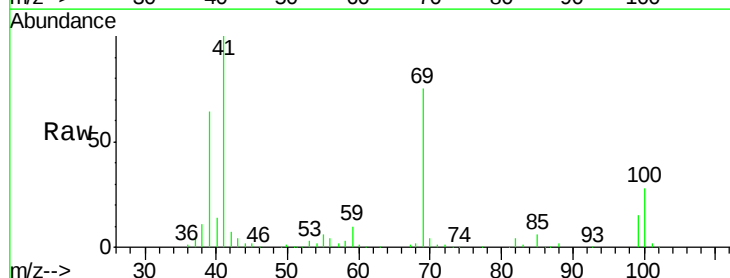
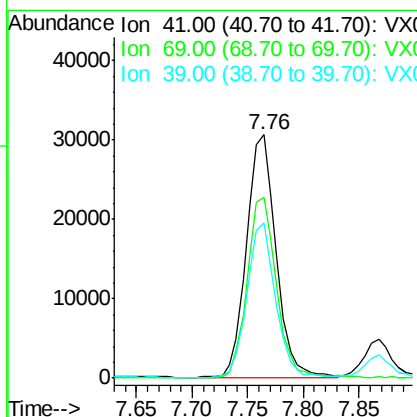
Manual Integrations
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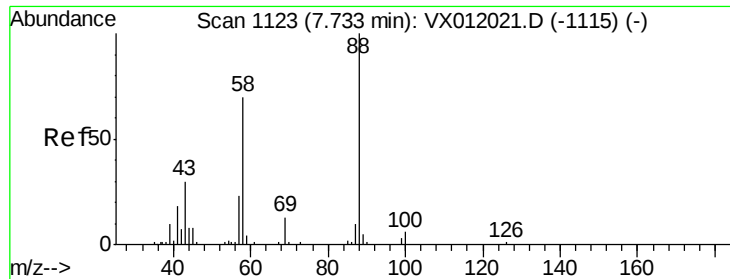
MMDadoda
9/9/2019 10:50:05 AM



#48
Methyl methacrylate
Concen: 58.627 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	41	Resp	56557
Ion Ratio	100	Lower	Upper
41	100		
69	74.7	66.3	99.5
39	61.5	48.1	72.1





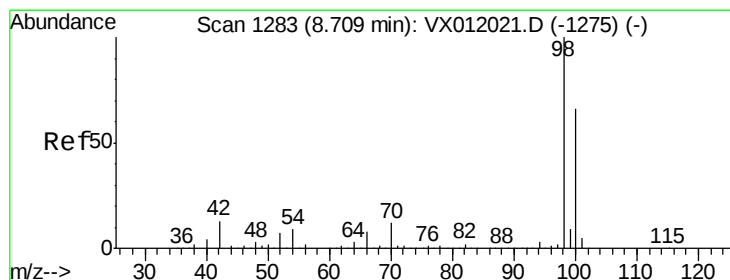
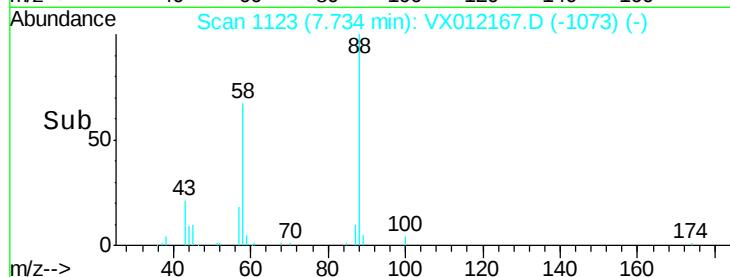
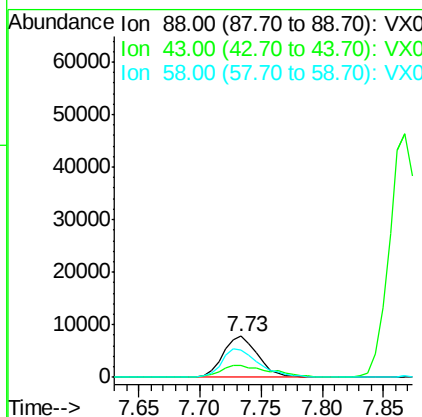
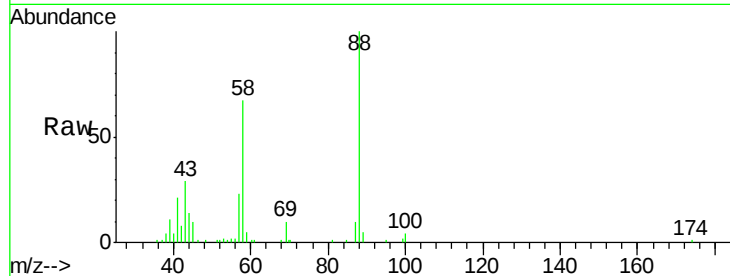
#49
1,4-Dioxane
Concen: 1169.957 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	29.8	44.6
58	72.9	55.4	83.2

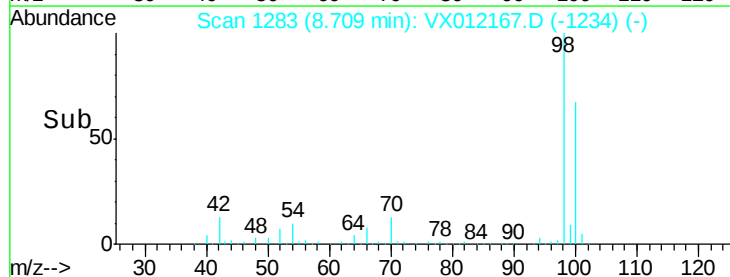
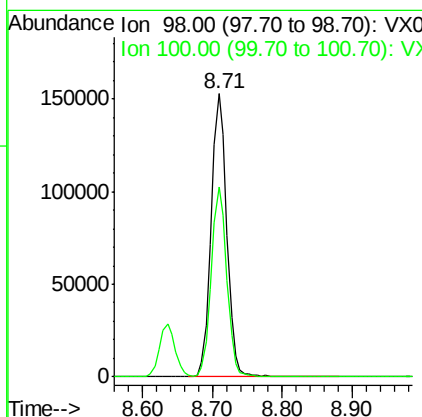
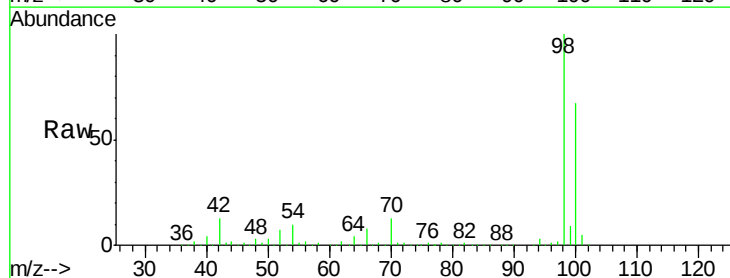
Manual Integrations
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9/9/2019 10:50:05 AM



#50
Toluene-d8
Concen: 53.604 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 293.870 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 286783

Ion Ratio Lower Upper

43 100

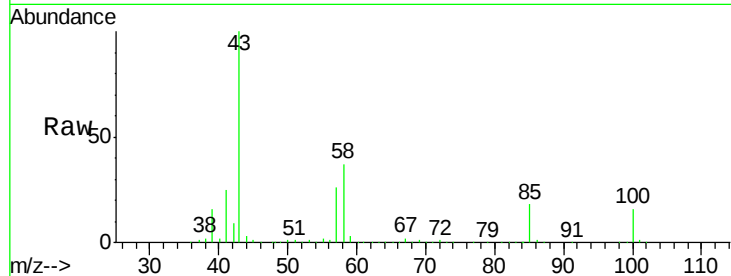
58 37.2 31.5 47.3

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200000

150000

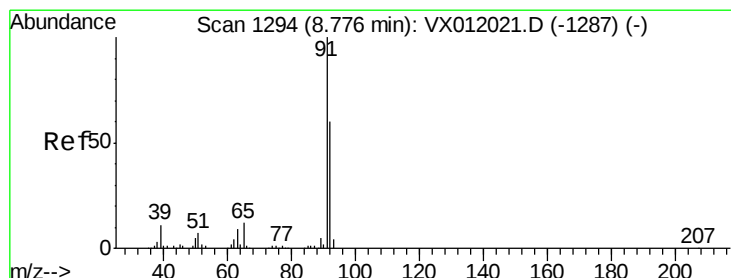
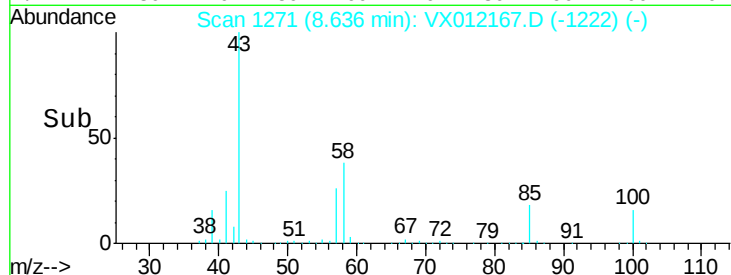
100000

50000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 53.394 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012167.D

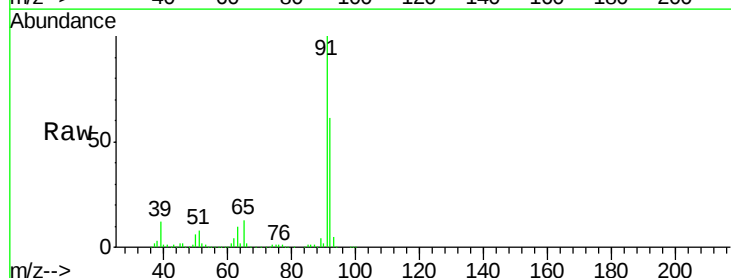
Acq: 07 Sep 2019 00:03

Tgt Ion: 92 Resp: 173058

Ion Ratio Lower Upper

92 100

91 168.2 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

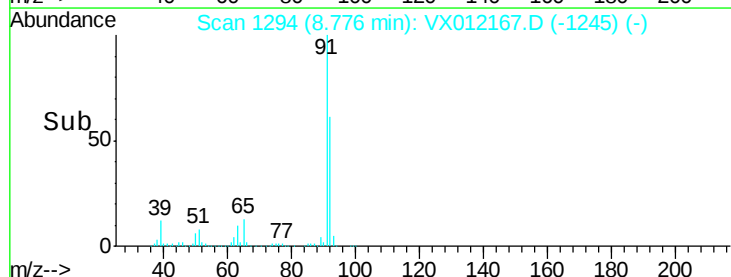
100000

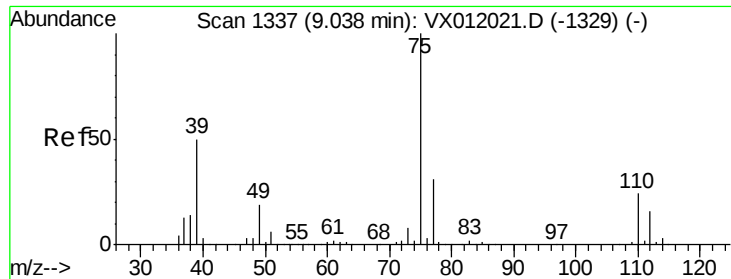
50000

0

8.70 8.80 8.90 9.00

Time-->





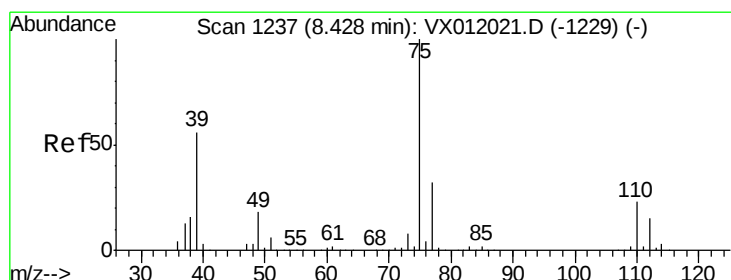
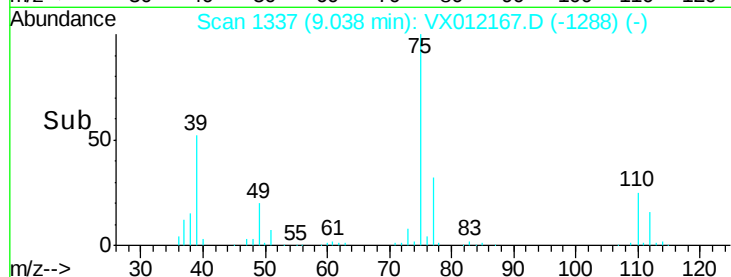
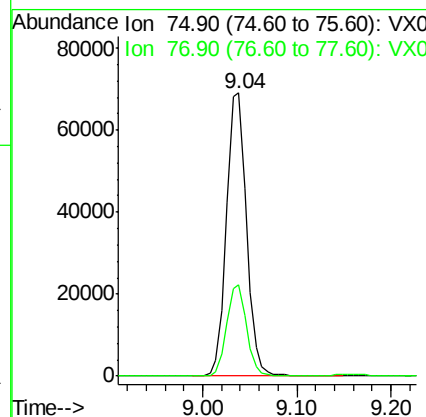
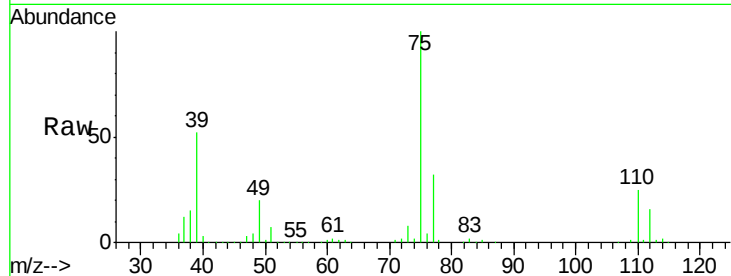
#53
t-1,3-Dichloropropene
Concen: 51.715 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 102247
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7

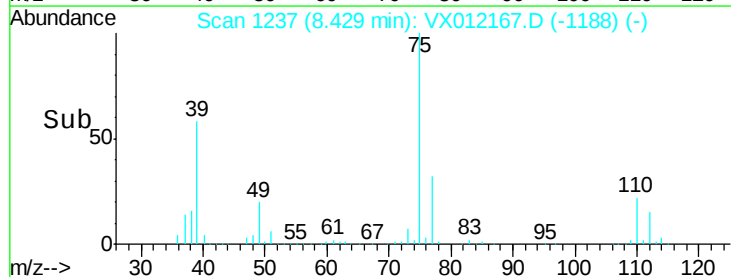
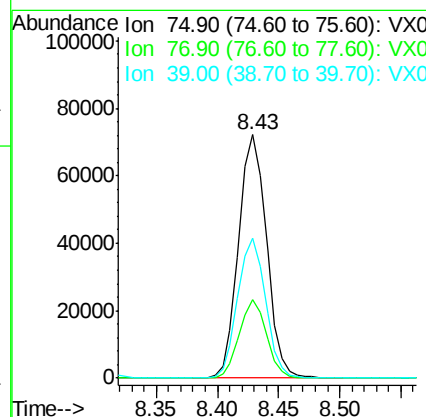
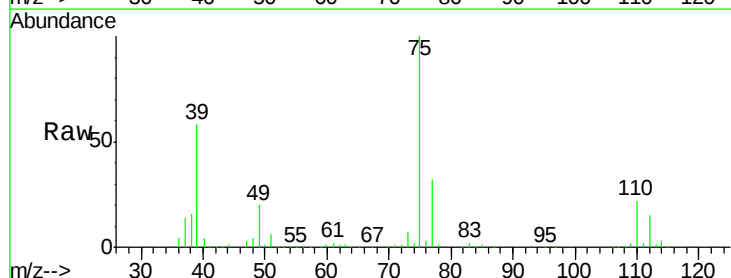
Manual Integrations
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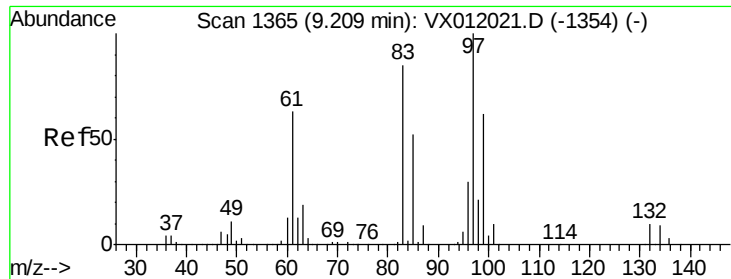
MMDadoda
9/9/2019 10:50:05 AM



#54
cis-1,3-Dichloropropene
Concen: 52.122 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 75 Resp: 114597
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 57.3 43.0 64.4





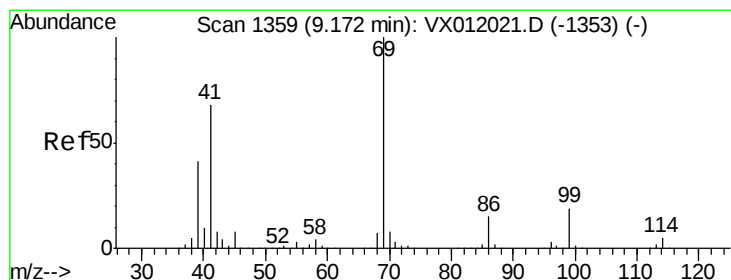
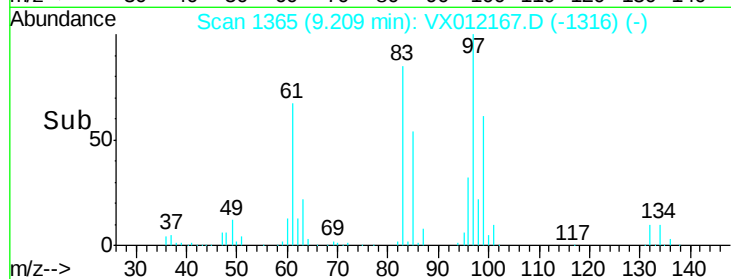
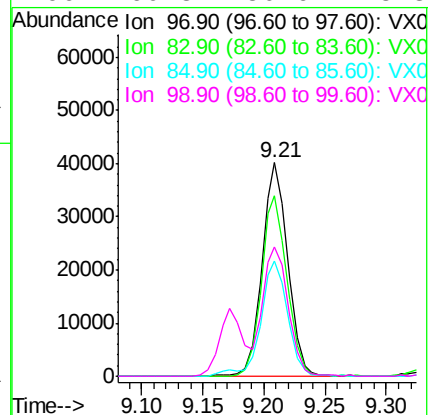
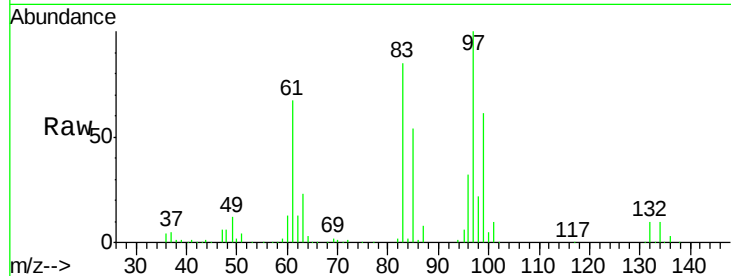
#55
 1,1,2-Trichloroethane
 Concen: 54.834 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	58899
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.0	99.0
85	53.8	41.0	61.6
99	60.8	50.6	75.8

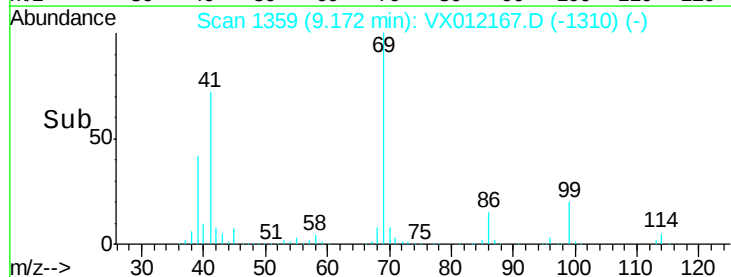
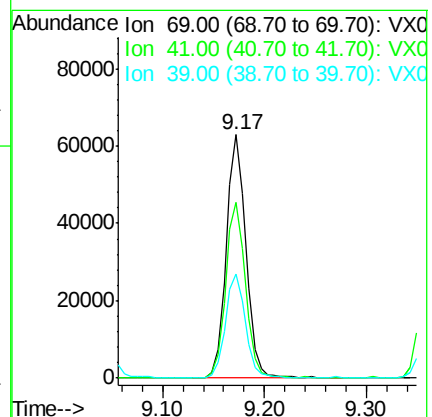
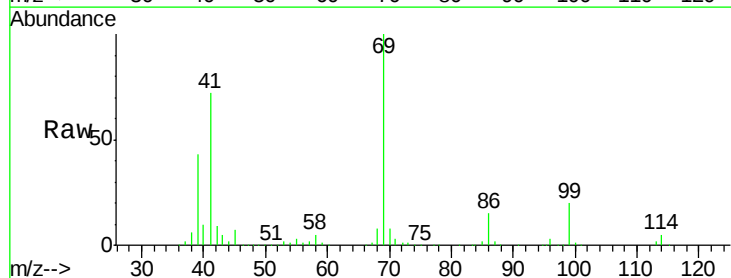
Manual Integrations
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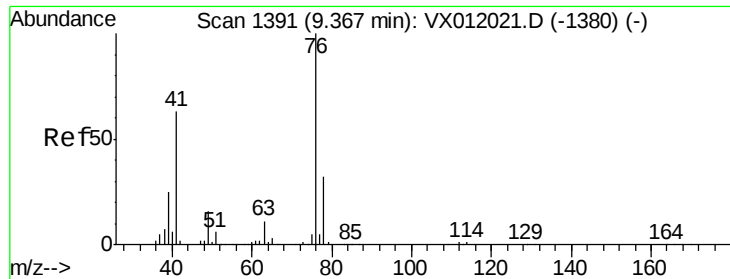
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 9/9/2019 10:50:05 AM



#56
 Ethyl methacrylate
 Concen: 55.053 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion:	69	Resp:	84702
Ion	Ratio	Lower	Upper
69	100		
41	72.9	53.9	80.9
39	43.0	31.1	46.7





#57

1,3-Dichloropropane

Concen: 56.214 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 104193

Ion Ratio Lower Upper

76 100

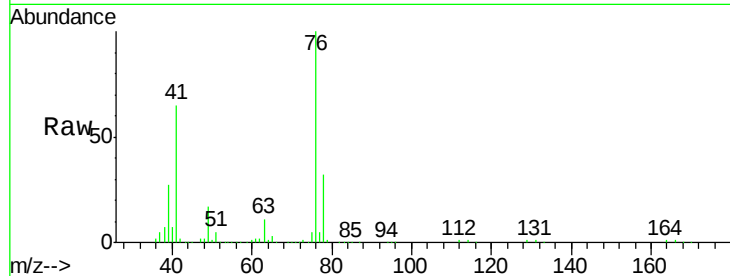
78 32.3 25.5 38.3

Manual Integrations

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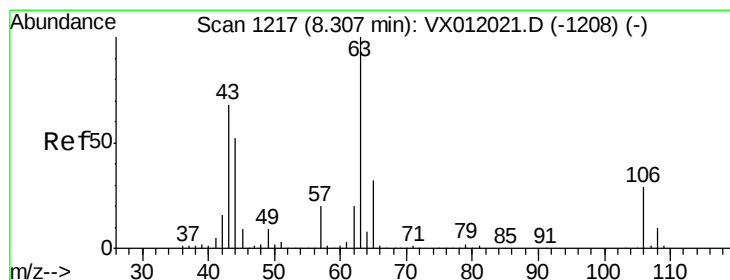
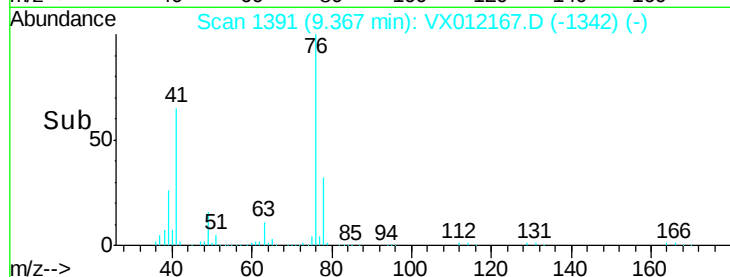
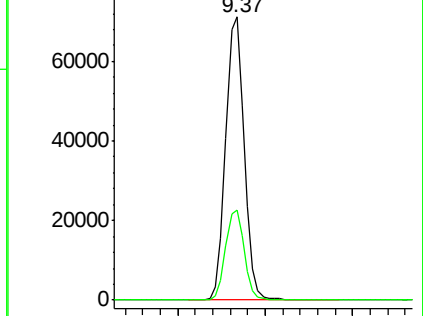
MMDadoda

9/9/2019 10:50:05 AM



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: 251.317 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012167.D

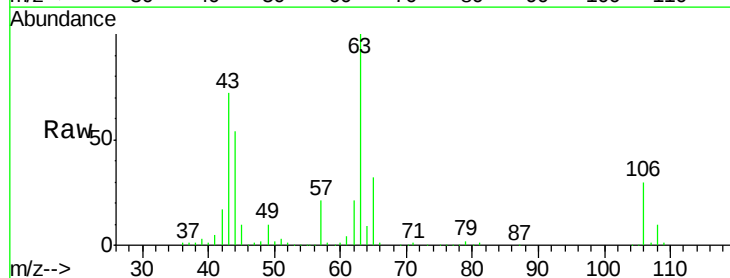
Acq: 07 Sep 2019 00:03

Tgt Ion: 63 Resp: 174323

Ion Ratio Lower Upper

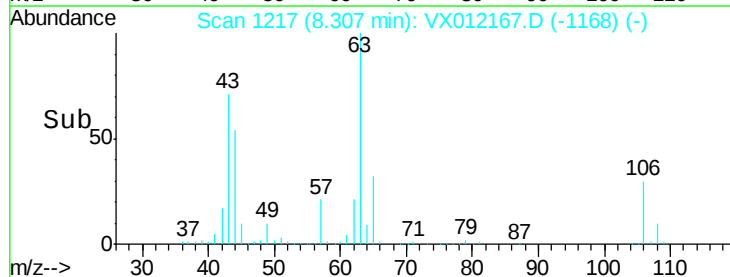
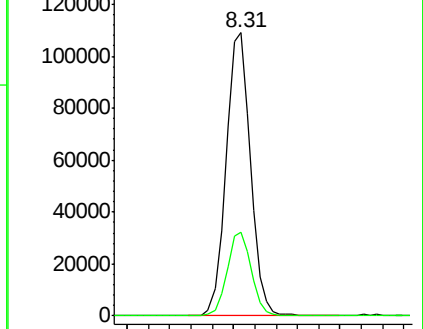
63 100

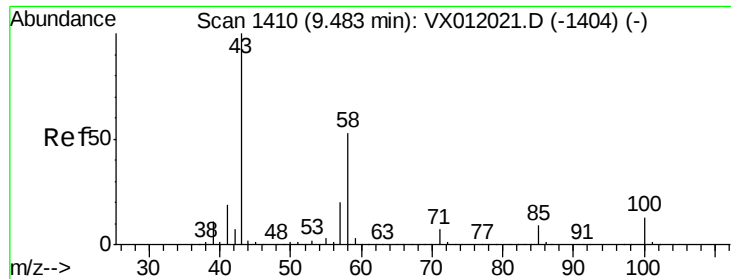
106 29.4 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





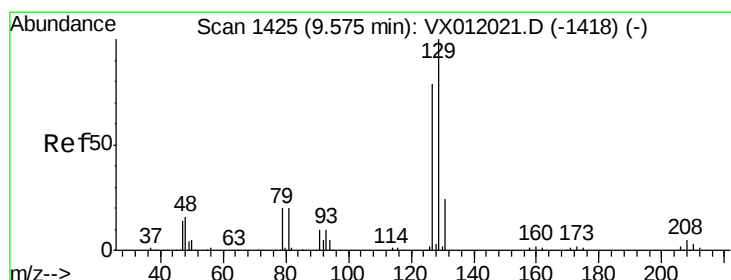
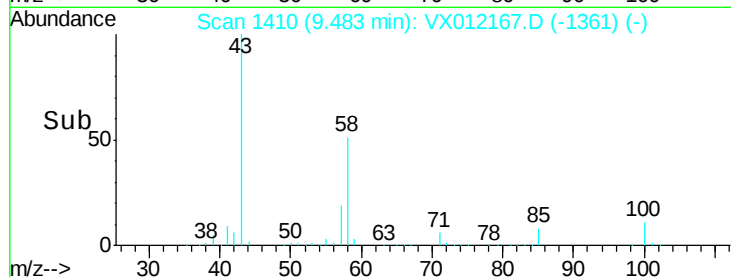
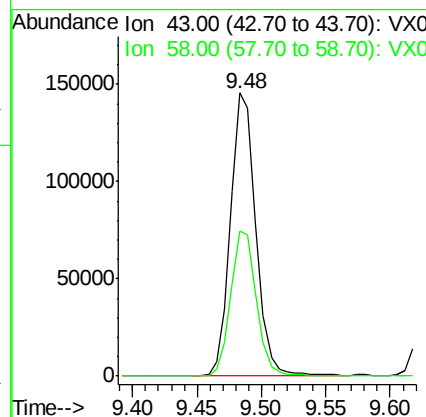
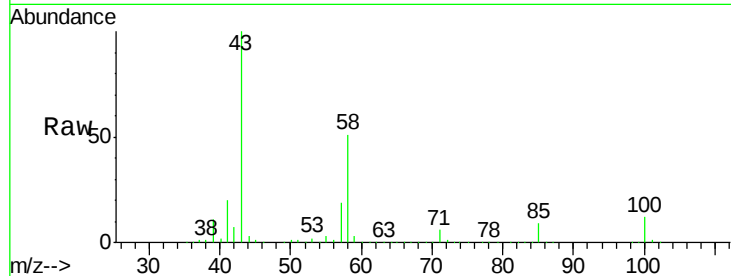
#59
2-Hexanone
Concen: 282.961 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 201491
Ion Ratio Lower Upper
43 100
58 52.7 27.2 81.6

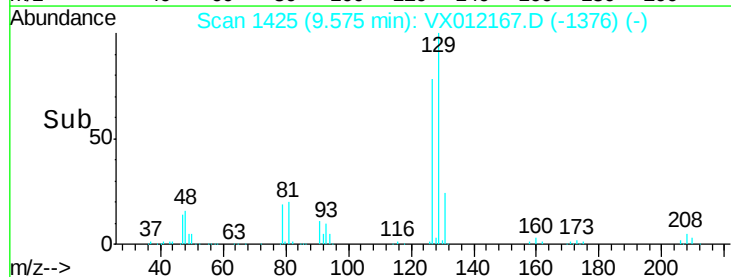
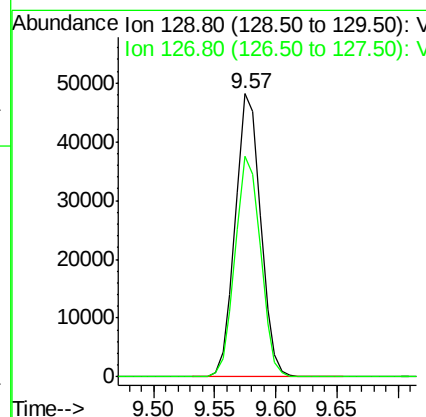
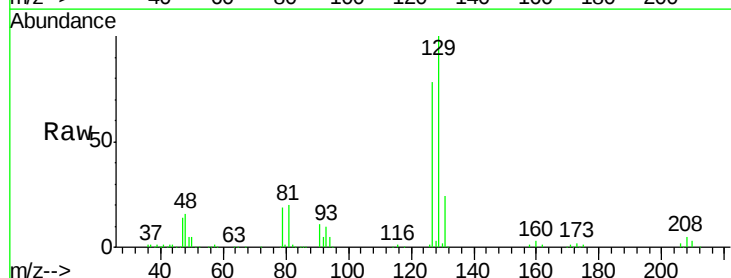
Manual Integrations
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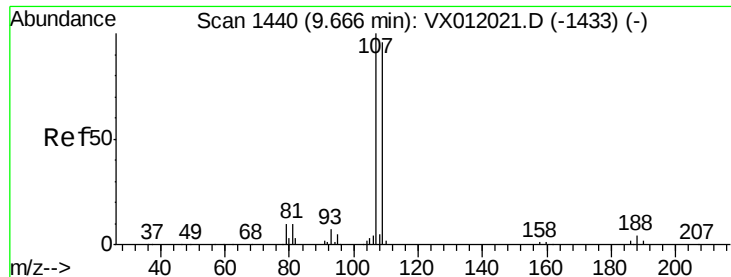
MMDadoda
9/9/2019 10:50:05 AM



#60
Dibromochloromethane
Concen: 53.730 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 129 Resp: 68782
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 56.848 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 59004

Ion Ratio Lower Upper

107 100

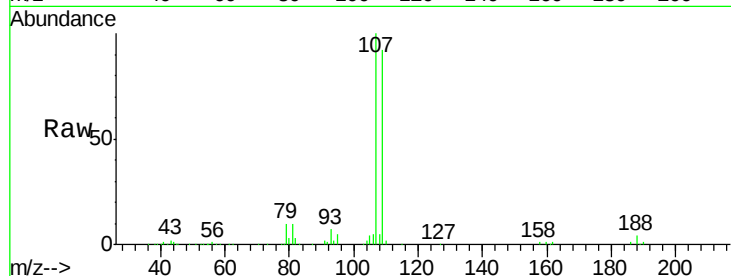
109 91.8 76.9 115.3

Manual Integrations

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MMDadoda

9/9/2019 10:50:05 AM

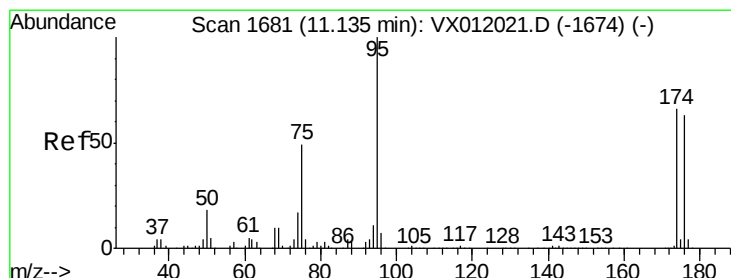
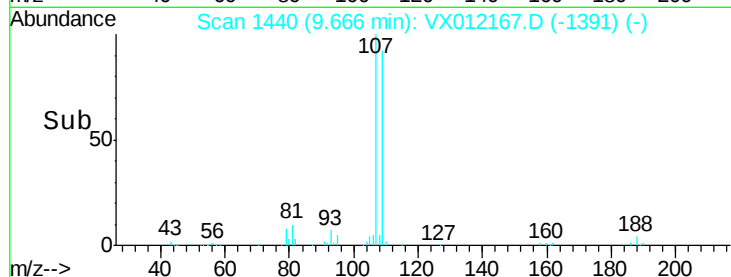


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 51.157 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

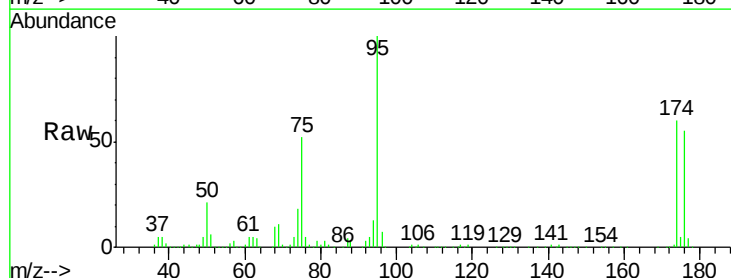
Tgt Ion: 95 Resp: 105774

Ion Ratio Lower Upper

95 100

174 64.4 0.0 205.4

176 61.4 0.0 201.8



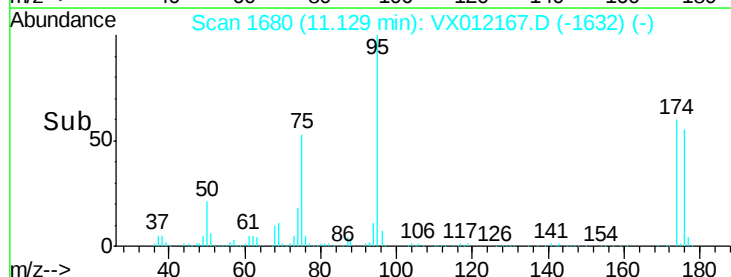
Abundance Ion 94.90 (94.60 to 95.60): VX0

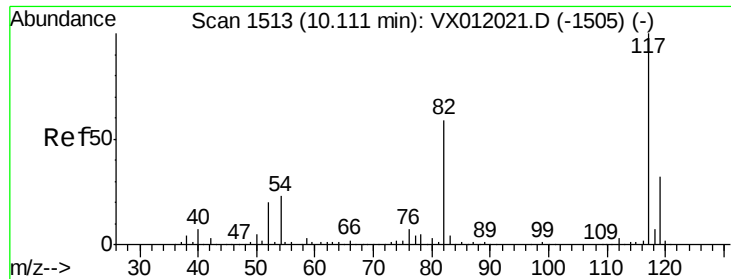
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->





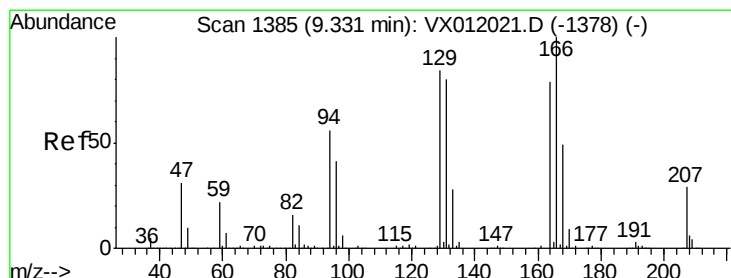
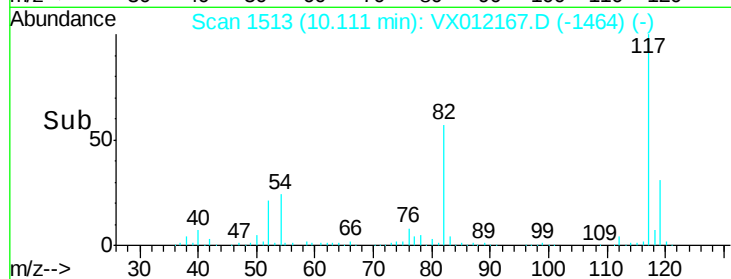
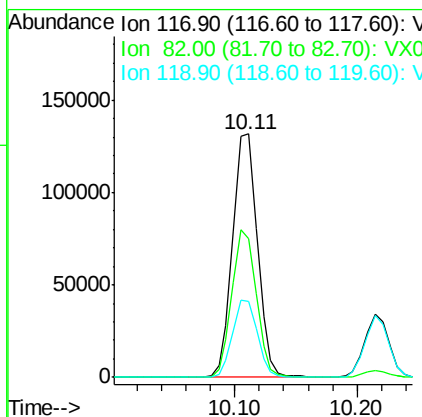
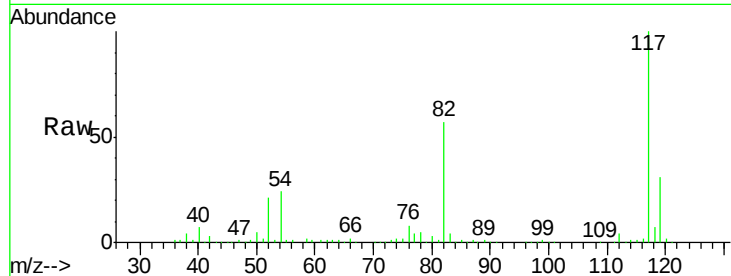
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	184575		
82	57.0	39.4	59.0	
119	31.2	26.1	39.1	

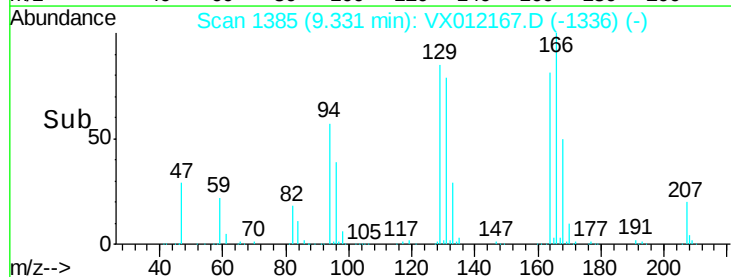
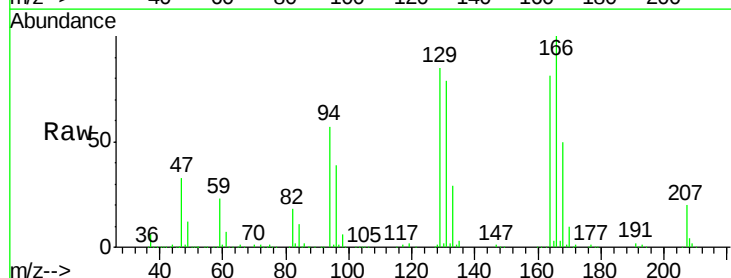
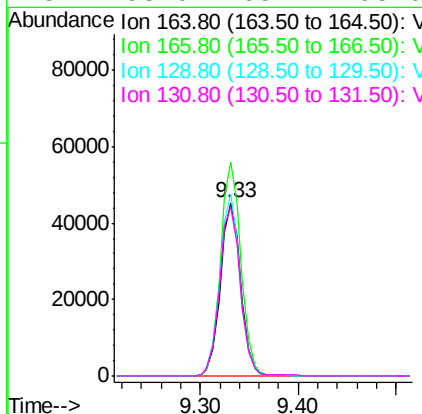
Manual Integrations
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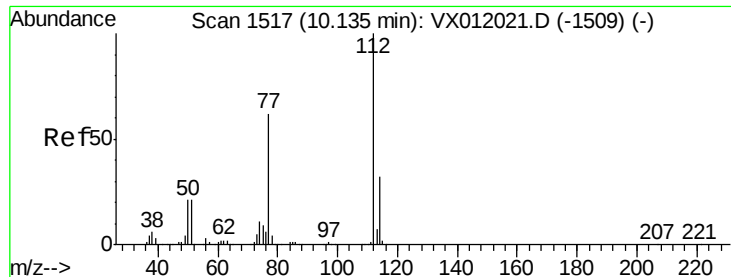
MMDadoda
9/9/2019 10:50:05 AM



#64
Tetrachloroethene
Concen: 56.832 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65397		
166	123.6	104.3	156.5	
129	105.3	68.3	102.5	
131	98.0	65.4	98.0	





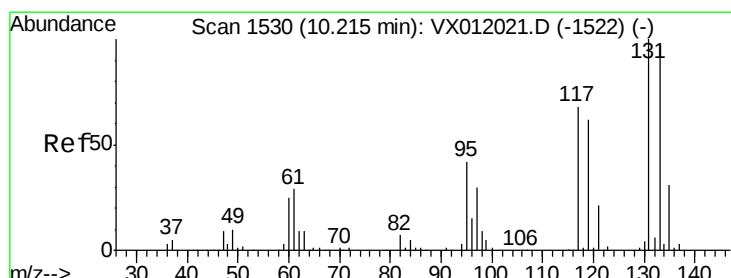
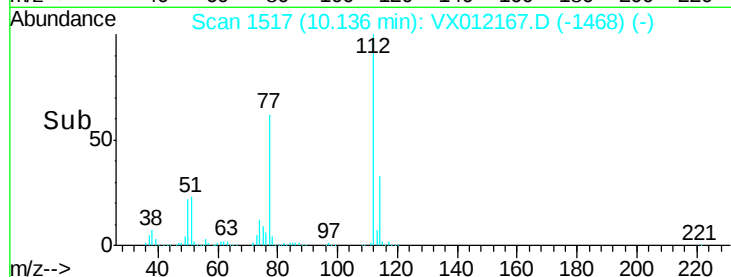
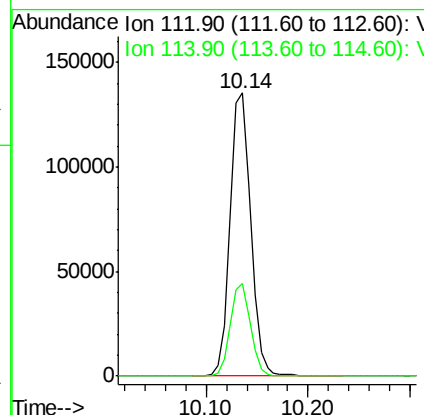
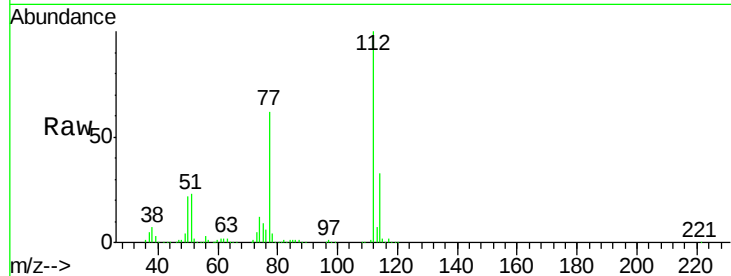
#65
Chlorobenzene
Concen: 52.036 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 189504
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

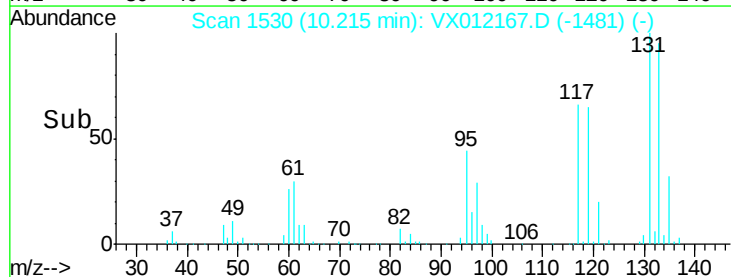
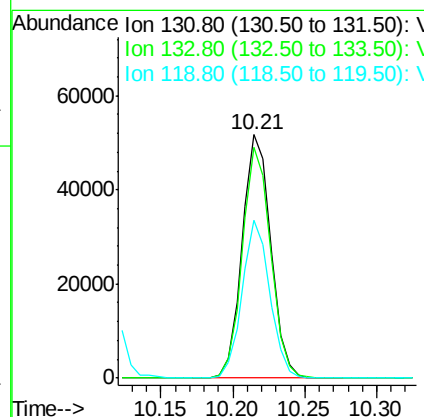
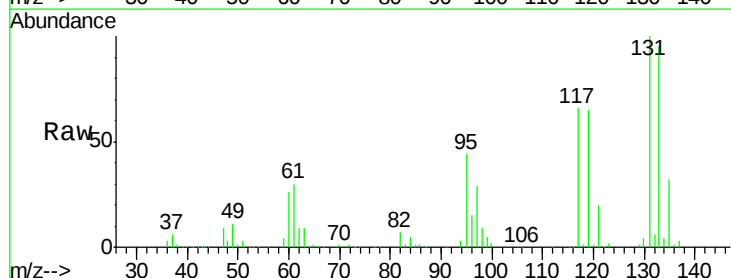
Manual Integrations
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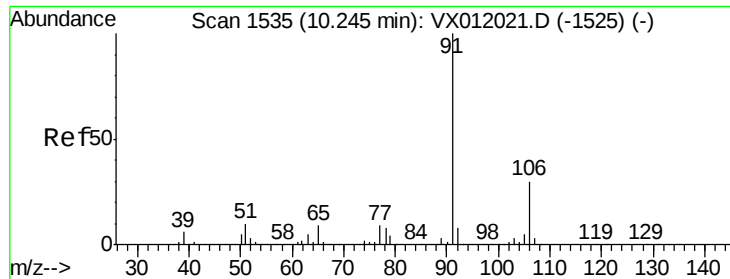
MMDadoda
9/9/2019 10:50:05 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.579 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion:131 Resp: 71347
Ion Ratio Lower Upper
131 100
133 94.1 48.4 145.0
119 63.0 30.5 91.5





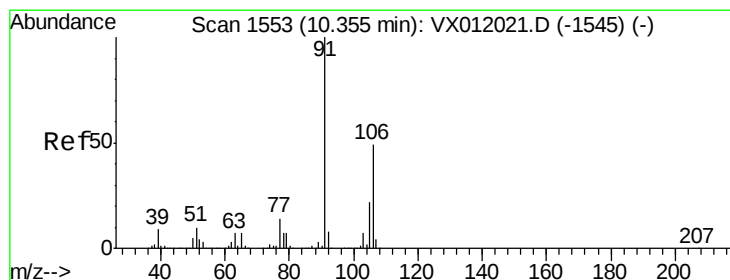
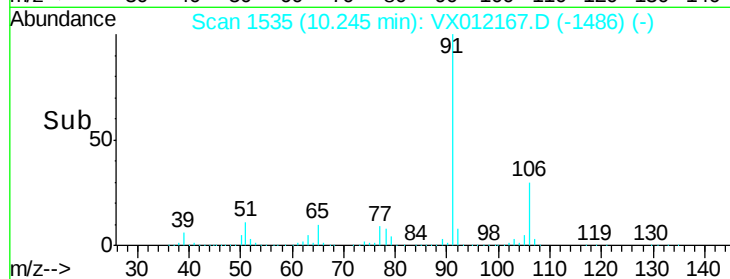
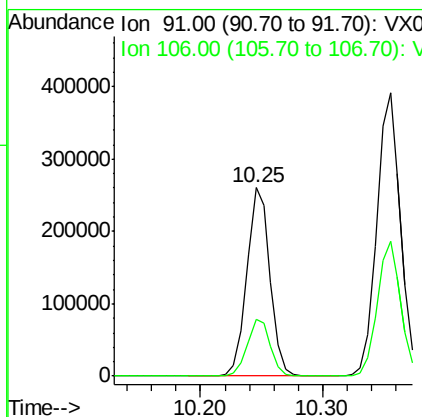
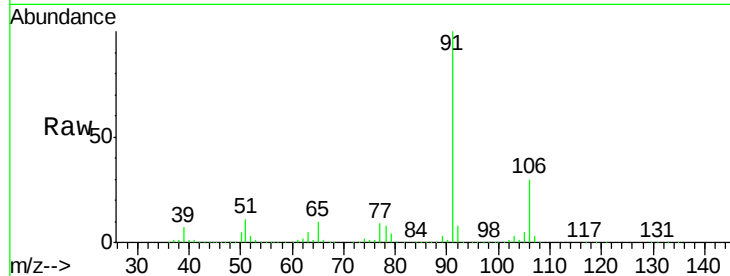
#67
Ethyl Benzene
Concen: 51.434 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 341431
Ion Ratio Lower Upper
91 100
106 30.2 25.8 38.8

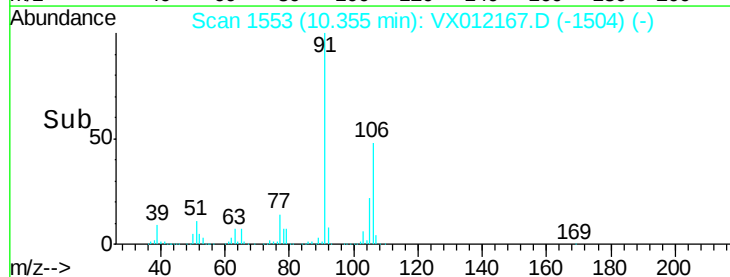
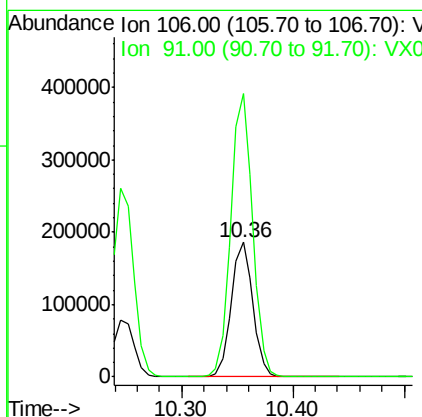
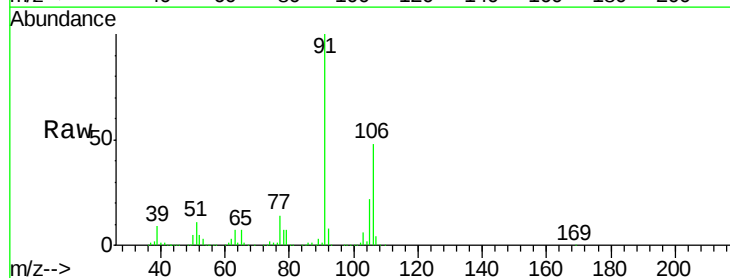
Manual Integrations
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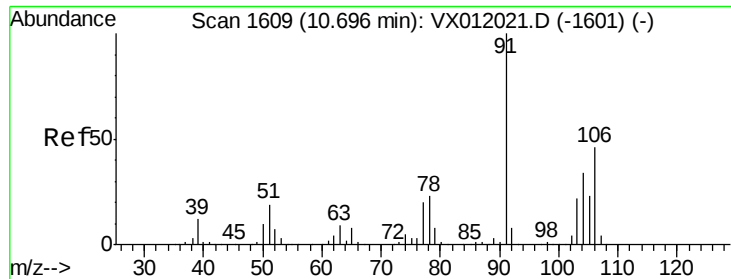
MMDadoda
9/9/2019 10:50:05 AM



#68
m/p-Xylenes
Concen: 101.695 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 106 Resp: 248725
Ion Ratio Lower Upper
106 100
91 212.1 157.5 236.3





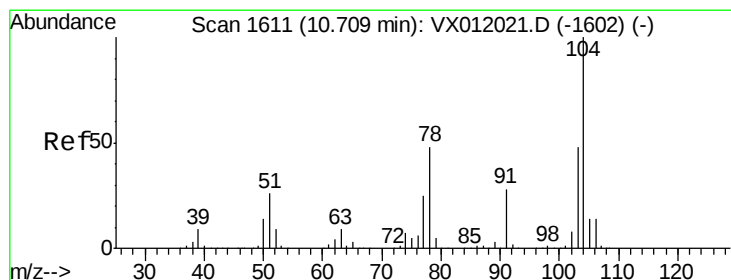
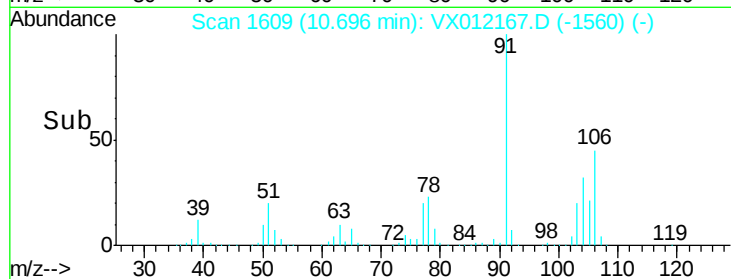
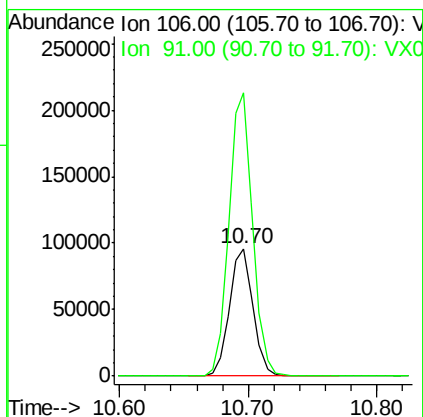
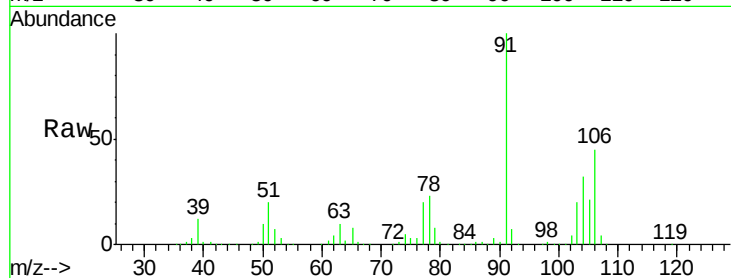
#69
o-Xylene
Concen: 51.703 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		122621		
91	223.5	103.5	310.3		

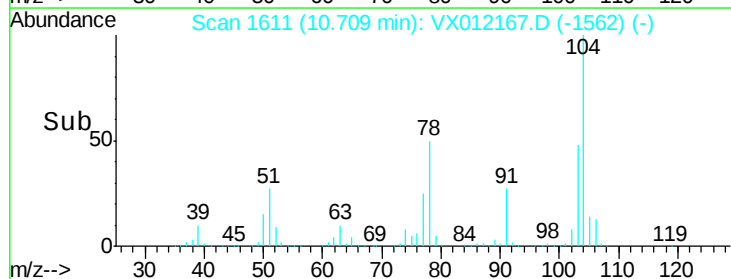
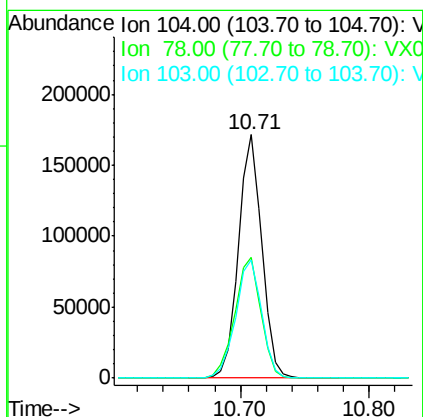
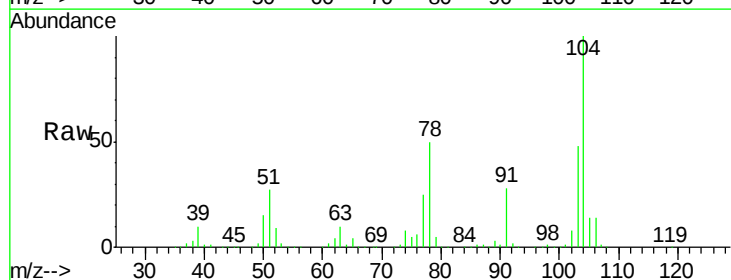
Manual Integrations
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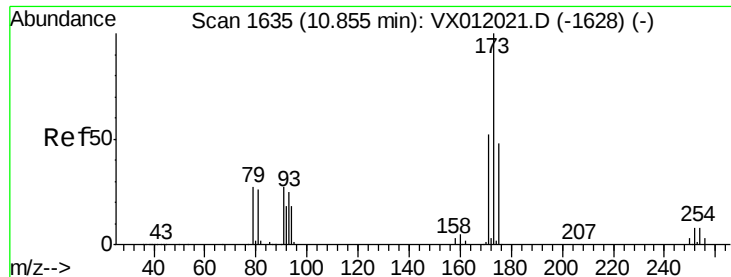
MMDadoda
9/9/2019 10:50:05 AM



#70
Styrene
Concen: 52.375 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		215753		
78	56.2	39.1	58.7		
103	54.3	43.4	65.2		





#71

Bromoform

Concen: 52.143 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 38137

Ion Ratio Lower Upper

173 100

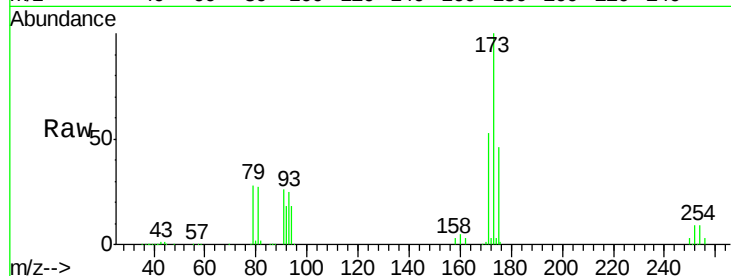
175 47.7 24.9 74.7

254 0.0 0.1 0.1#

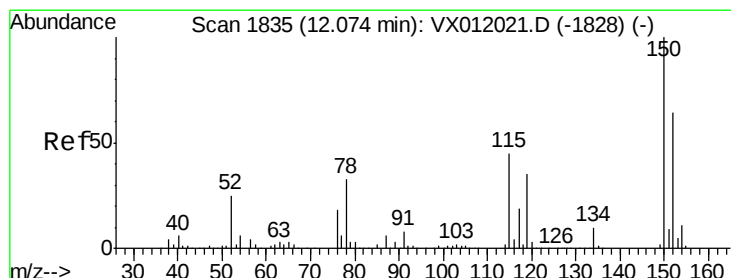
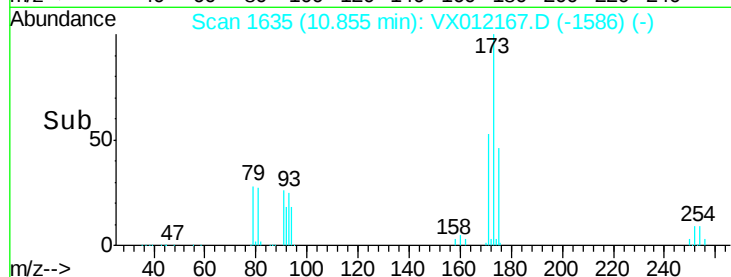
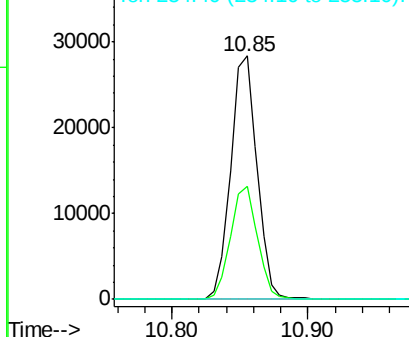
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

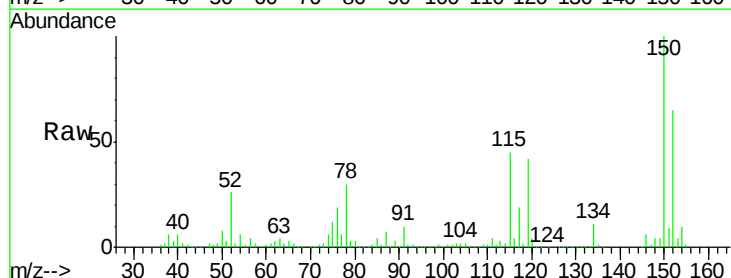
Tgt Ion:152 Resp: 90218

Ion Ratio Lower Upper

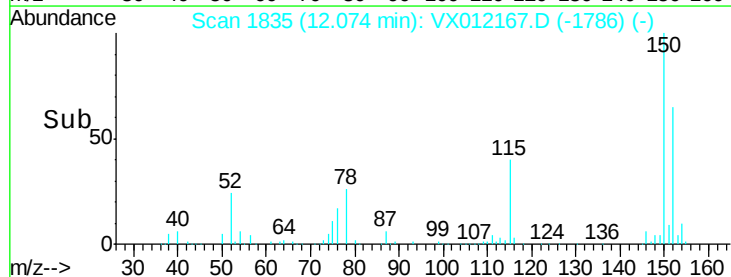
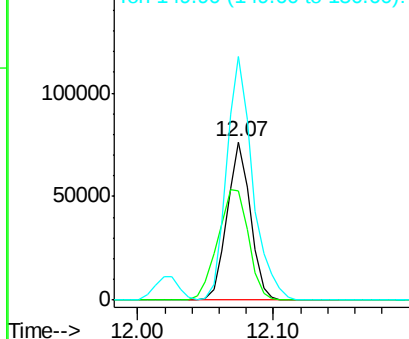
152 100

115 92.6 36.4 109.3

150 172.6 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.059 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 331365

Ion Ratio Lower Upper

105 100

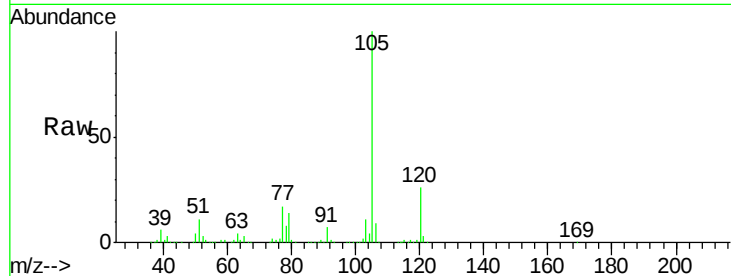
120 25.0 13.9 41.6

Manual Integrations

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9/9/2019 10:50:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

250000

200000

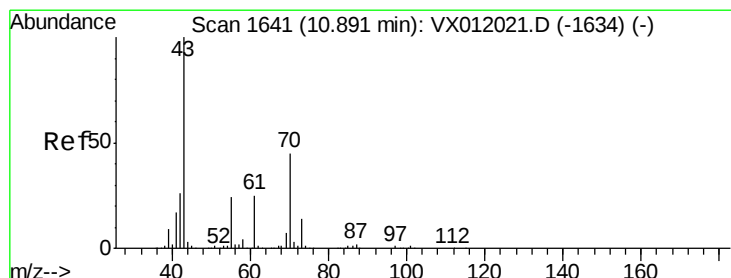
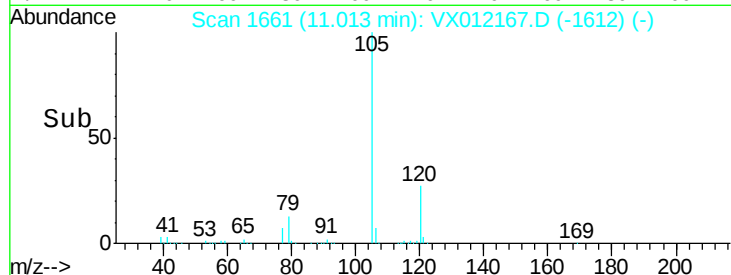
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 53.573 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion: 43 Resp: 104851

Ion Ratio Lower Upper

43 100

70 41.2 34.4 51.6

55 23.0 18.5 27.7

61 23.5 19.5 29.3

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

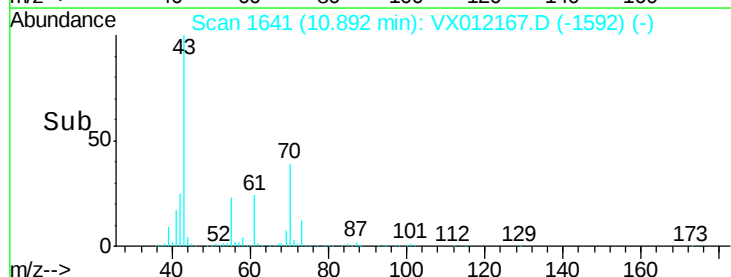
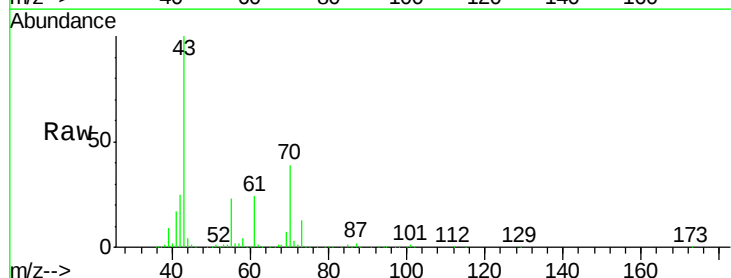
10.89

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.643 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

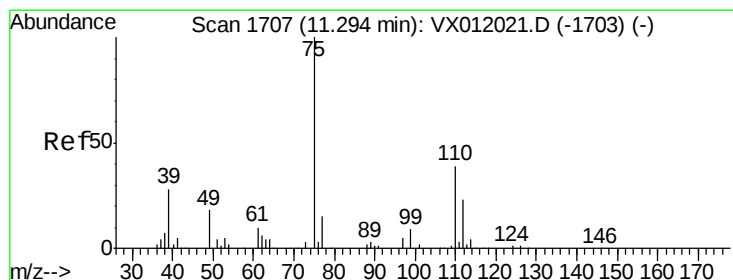
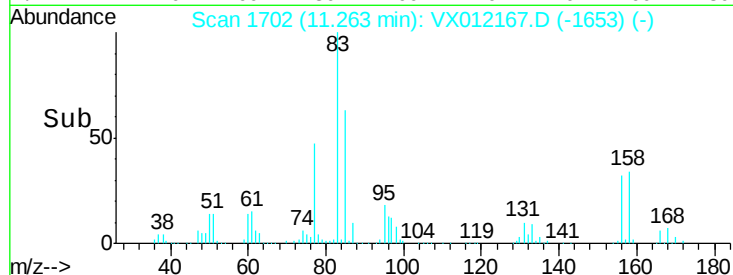
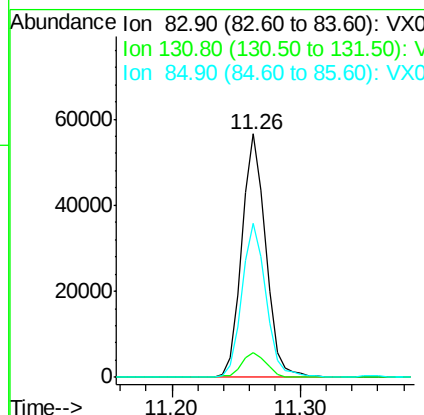
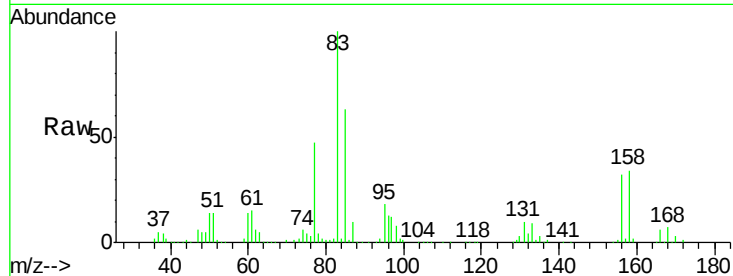
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	72646
Ion Ratio	Lower	Upper	
83	100		
131	10.6	6.3	19.1
85	64.1	32.5	97.4

Manual Integrations
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9/9/2019 10:50:05 AM



#76

1,2,3-Trichloropropane

Concen: 50.669 ug/l m

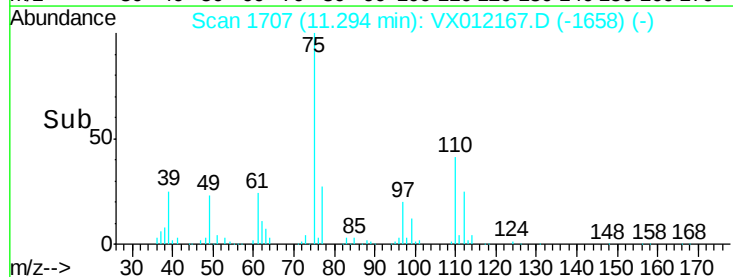
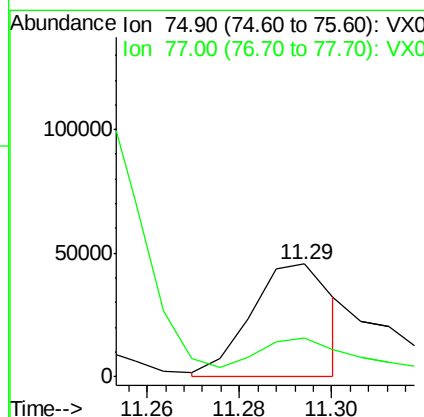
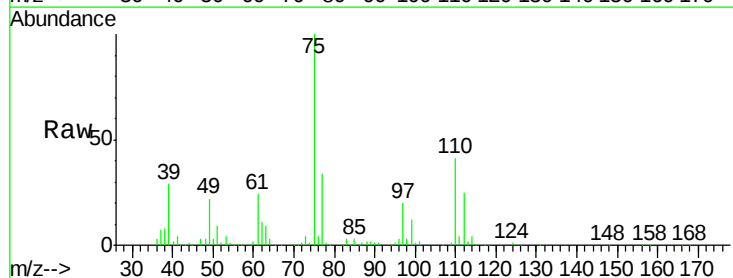
RT: 11.29 min Scan# 1707

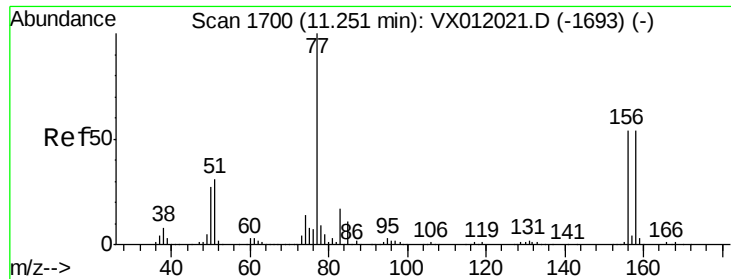
Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion:	75	Resp:	55854
Ion Ratio	Lower	Upper	
75	100		
77	45.0	23.5	70.5





#77

Bromobenzene

Concen: 51.085 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

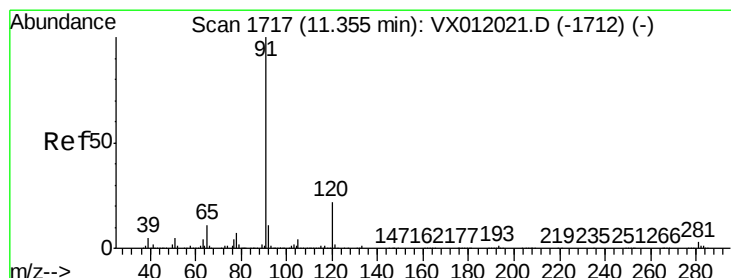
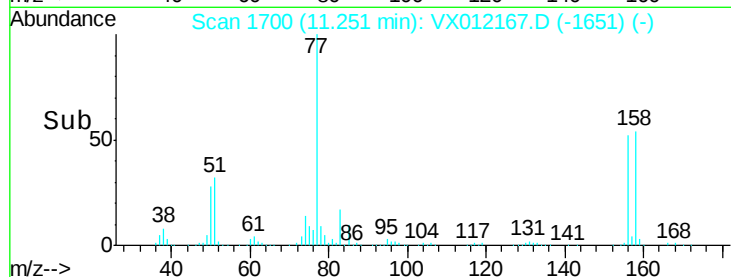
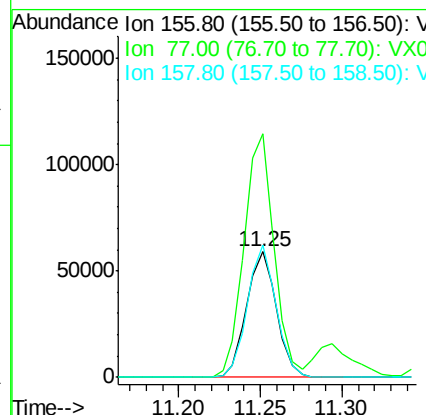
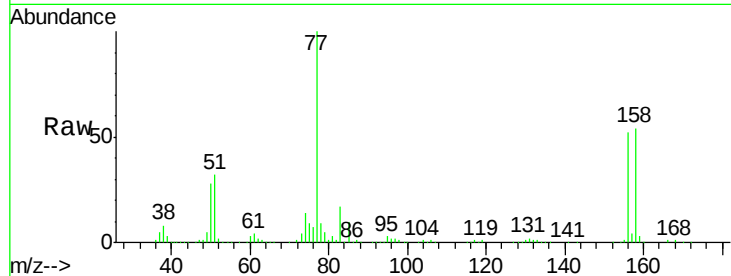
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	75629
Ion	Ratio	Lower	Upper
156	100		
77	194.2	63.4	190.2#
158	101.1	48.9	146.6

Manual Integrations
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9/9/2019 10:50:05 AM



#78

n-propylbenzene

Concen: 48.501 ug/l

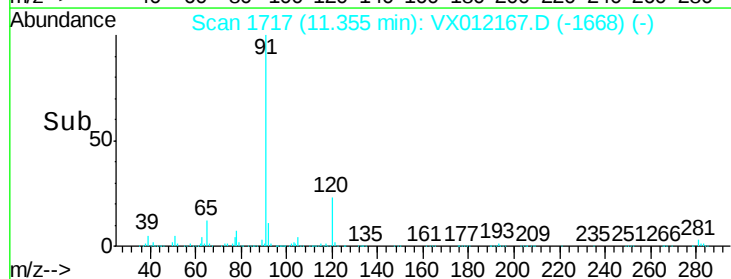
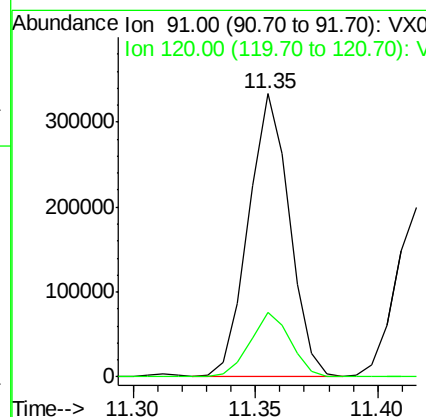
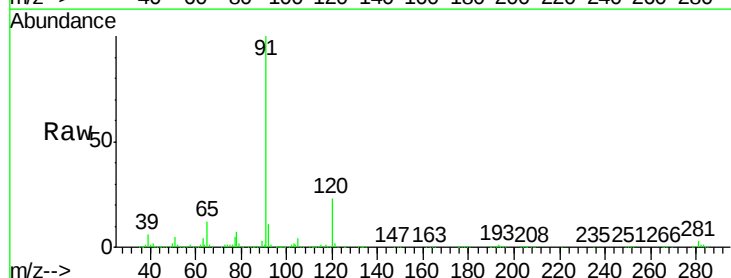
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion:	91	Resp:	387865
Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.7	38.0





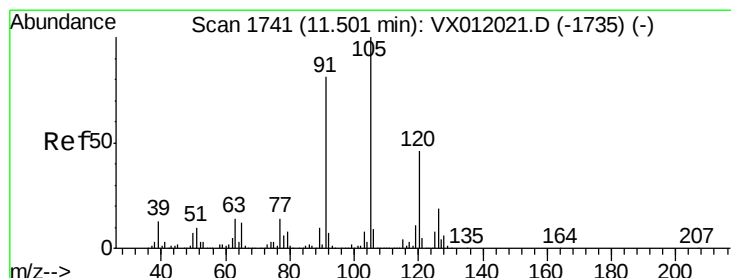
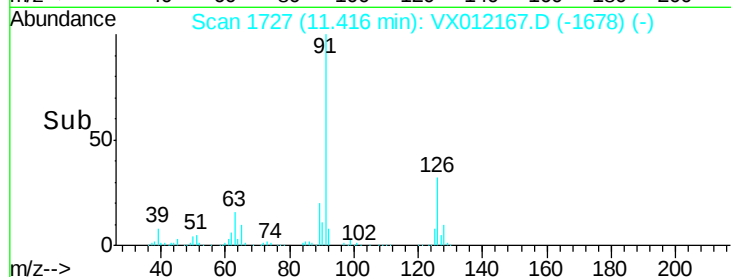
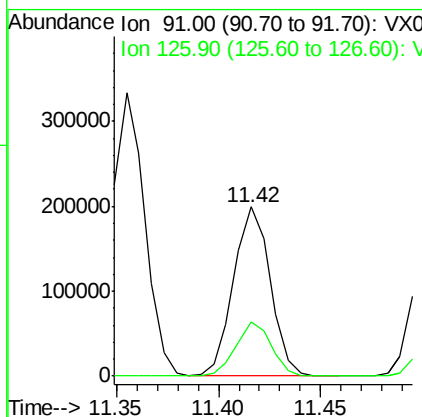
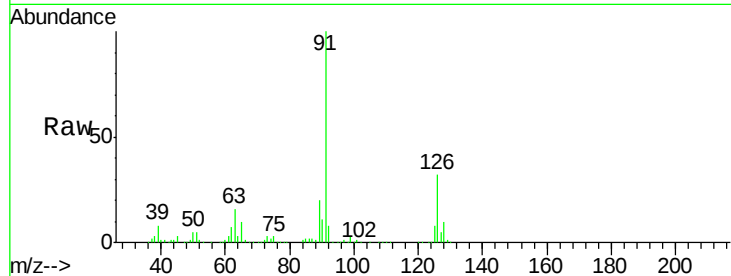
#79
 2-Chlorotoluene
 Concen: 51.136 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.3	18.6	55.8

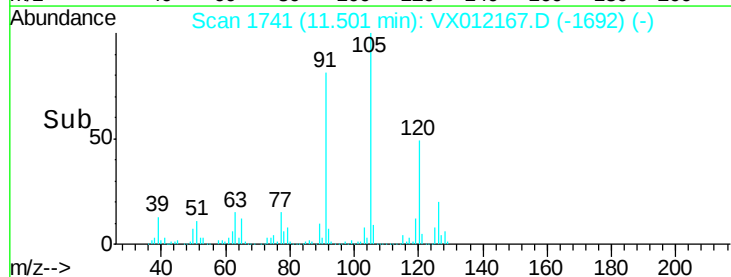
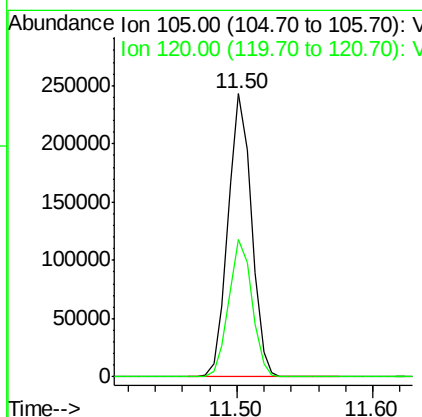
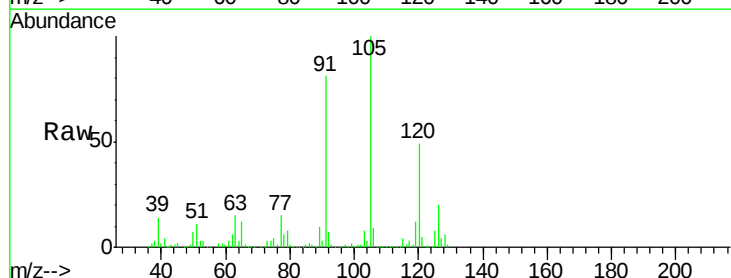
Manual Integrations
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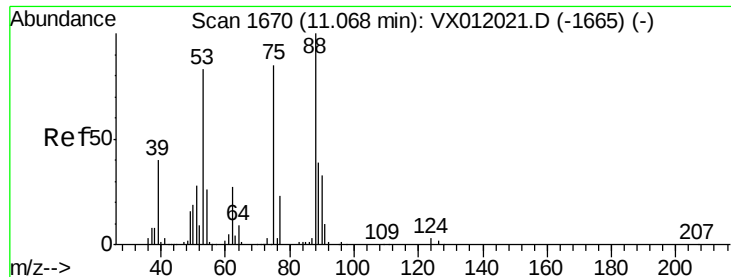
MMDadoda
 9/9/2019 10:50:05 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.142 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	25.8	77.3





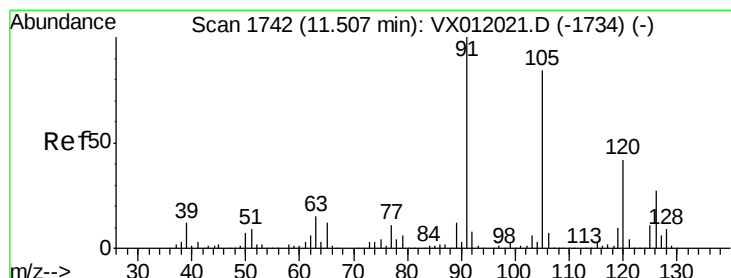
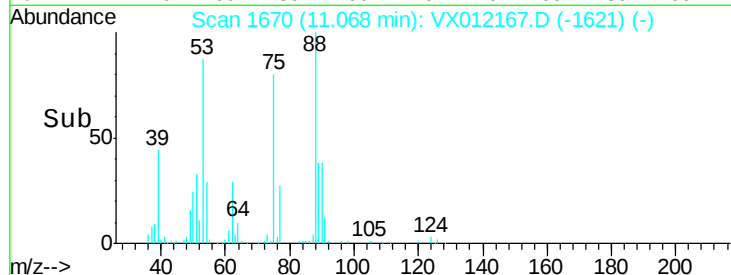
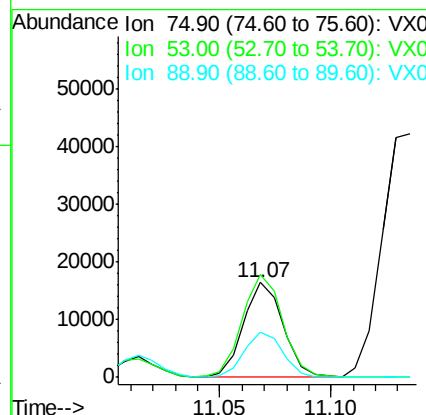
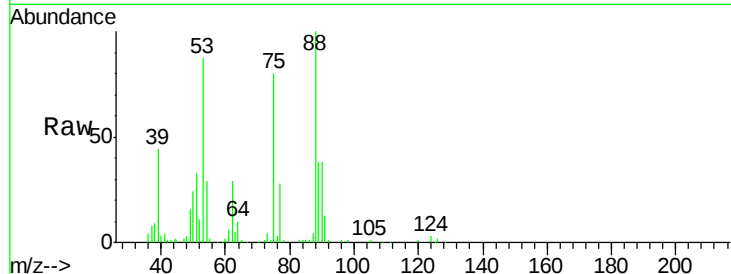
#81
trans-1,4-Dichloro-2-butene
Concen: 43.434 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.0	78.6	117.8
89	47.5	38.8	58.2

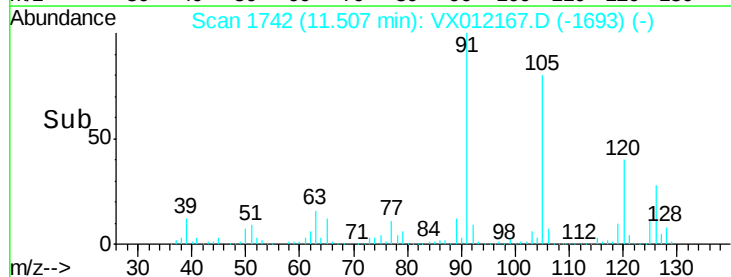
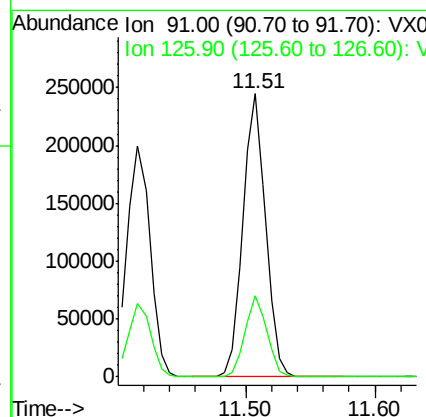
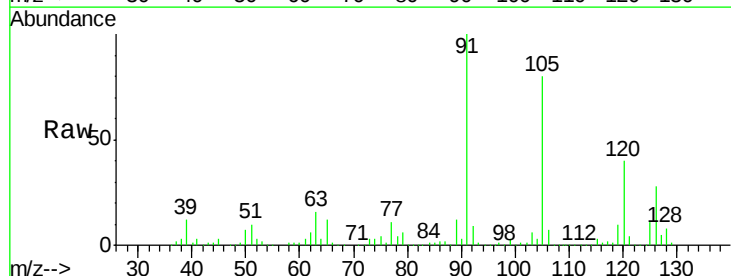
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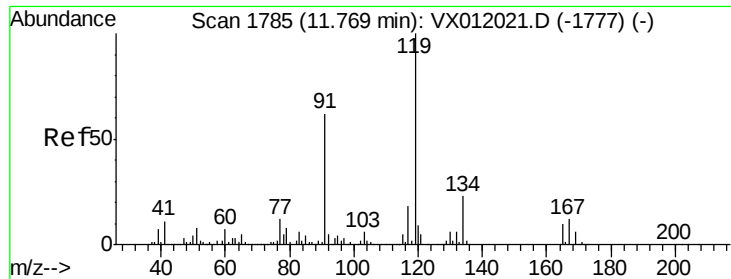
MMDadoda
9/9/2019 10:50:05 AM



#82
4-Chlorotoluene
Concen: 51.631 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.7	16.2	48.6





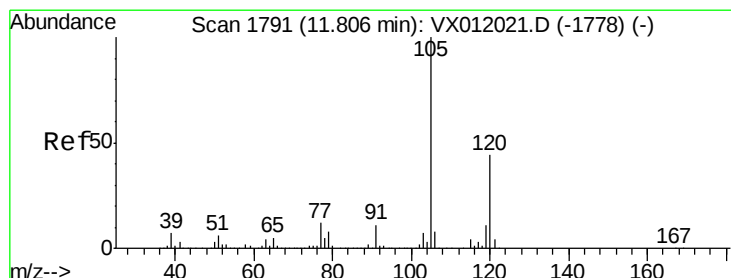
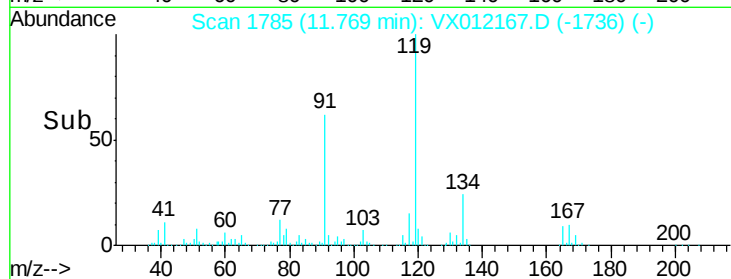
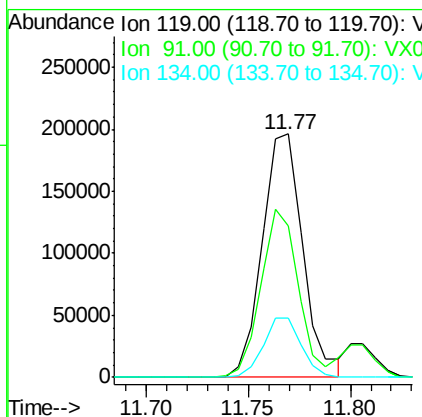
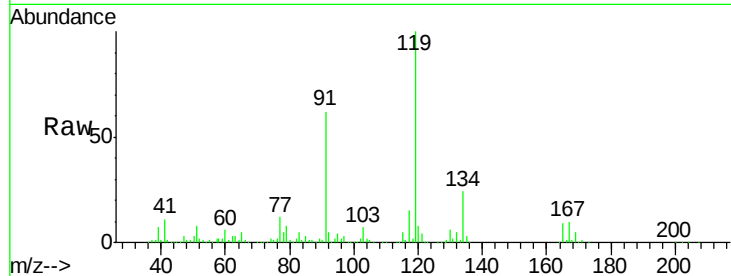
#83
 tert-Butylbenzene
 Concen: 49.429 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	273288		
91	63.3		27.1	81.2
134	23.0		12.1	36.3

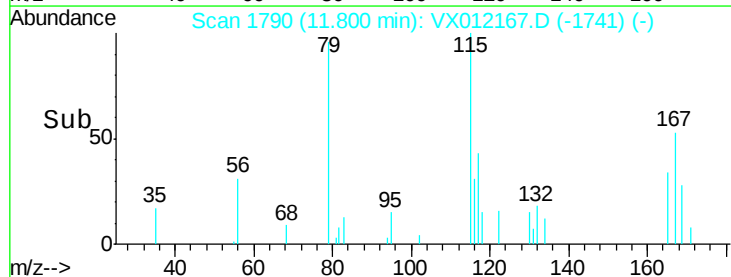
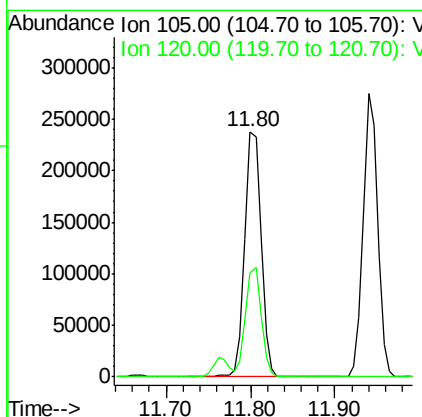
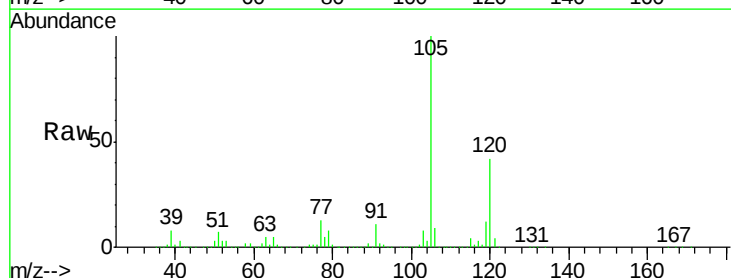
Manual Integrations
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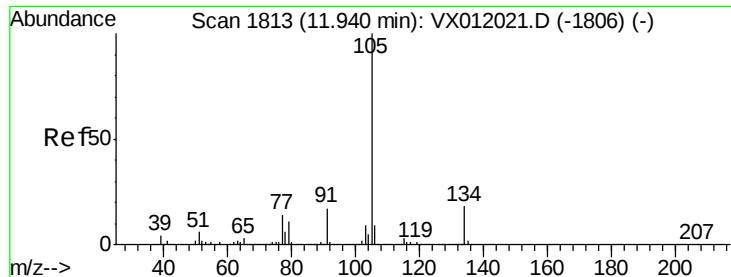
MMDadoda
 9/9/2019 10:50:05 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.513 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	307122		
120	42.8		23.6	70.8





#85

sec-Butylbenzene

Concen: 48.370 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 332176

Ion Ratio Lower Upper

105 100

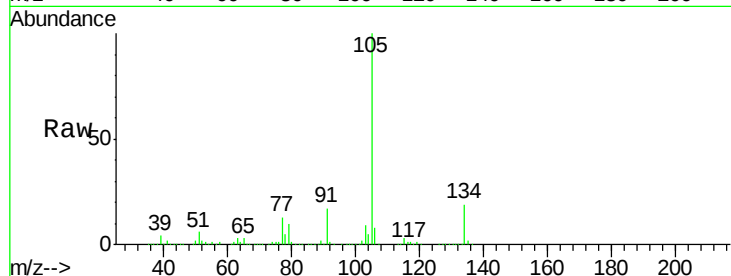
134 19.7 11.2 33.6

Manual Integrations

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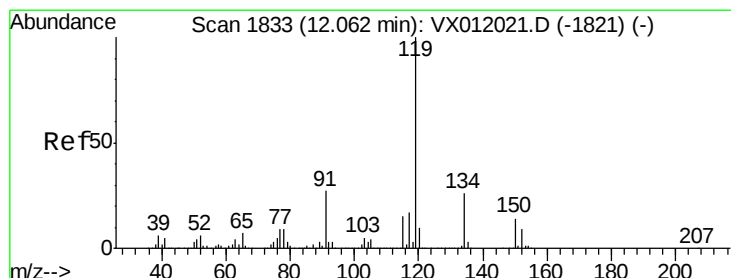
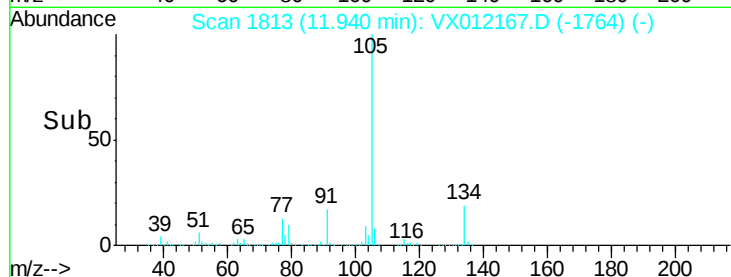
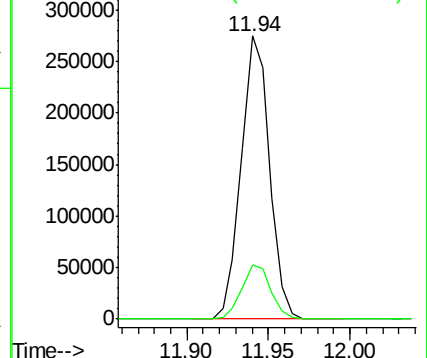
MMDadoda

9/9/2019 10:50:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.686 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

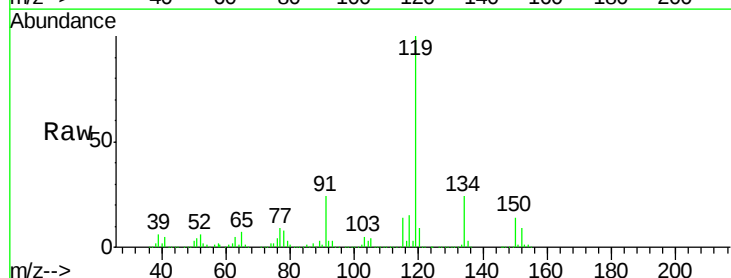
Tgt Ion:119 Resp: 310307

Ion Ratio Lower Upper

119 100

134 24.9 13.7 41.1

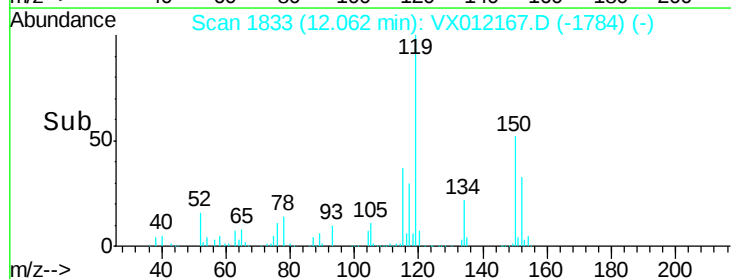
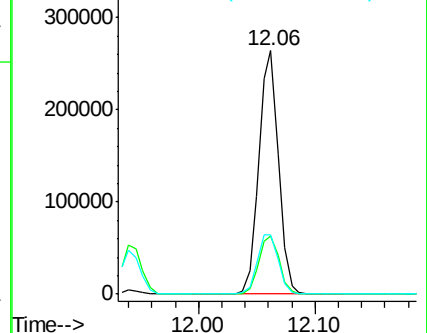
91 26.1 11.4 34.1

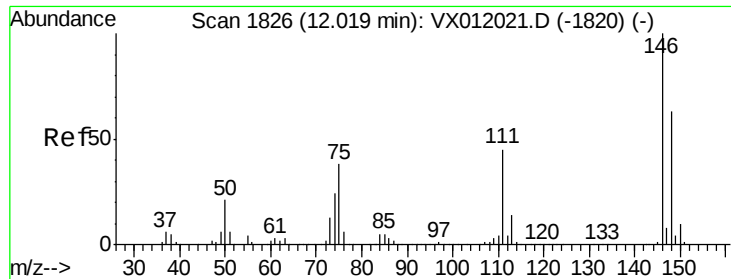


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





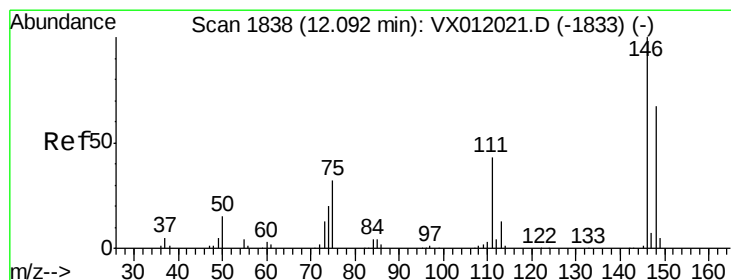
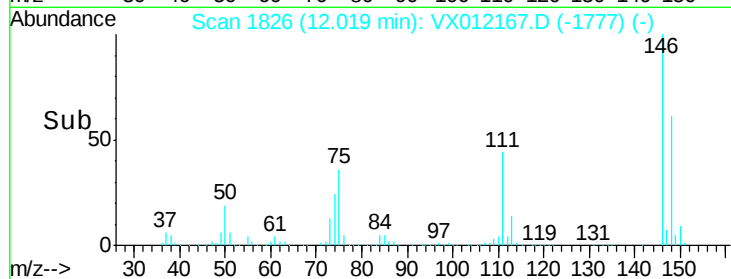
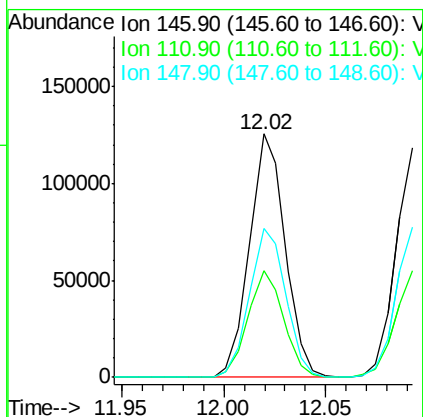
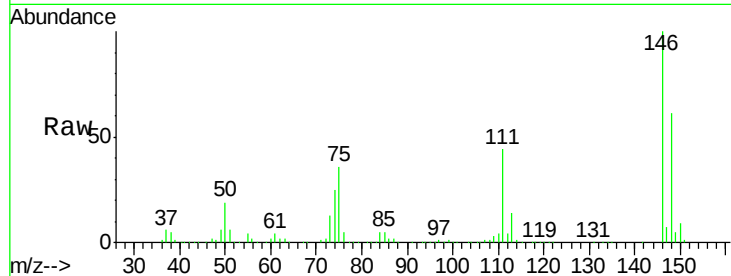
#87
 1,3-Dichlorobenzene
 Concen: 51.573 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	18.1	54.1
148	62.3	32.6	97.8

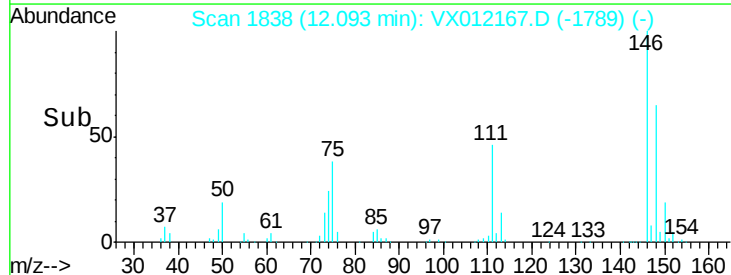
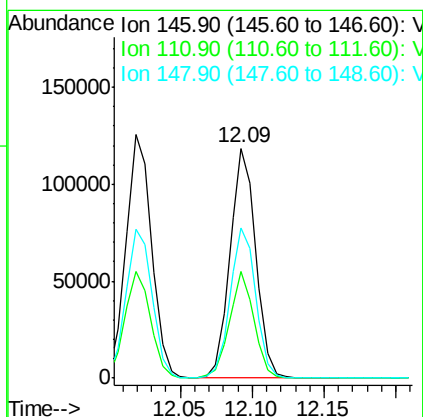
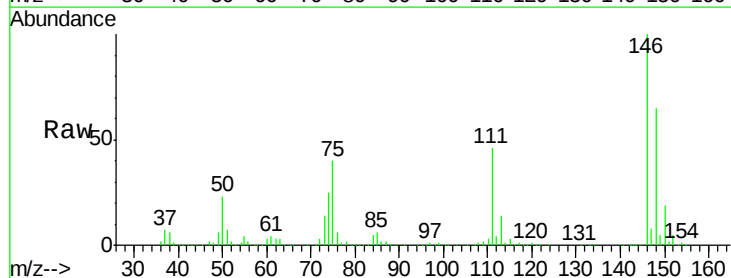
Manual Integrations
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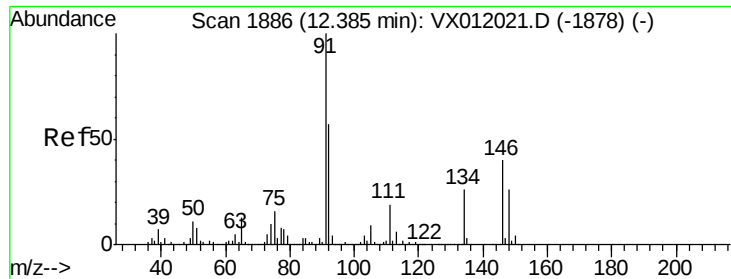
MMDadoda
 9/9/2019 10:50:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.140 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	17.7	53.1
148	65.2	32.4	97.0





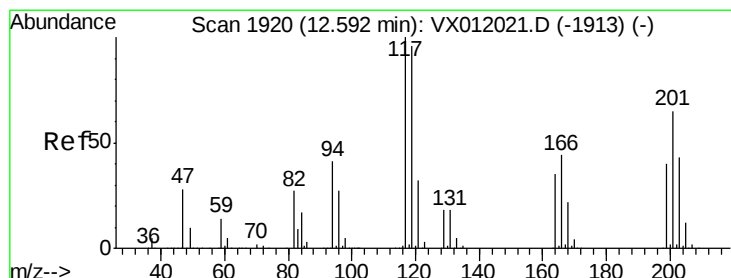
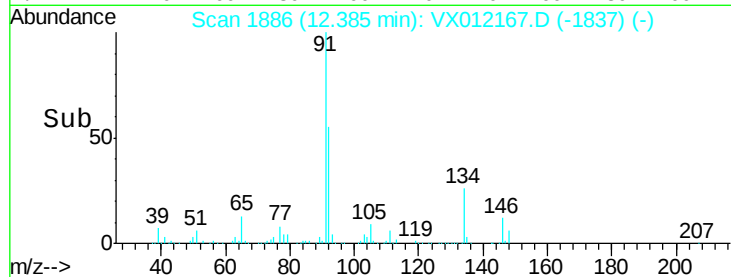
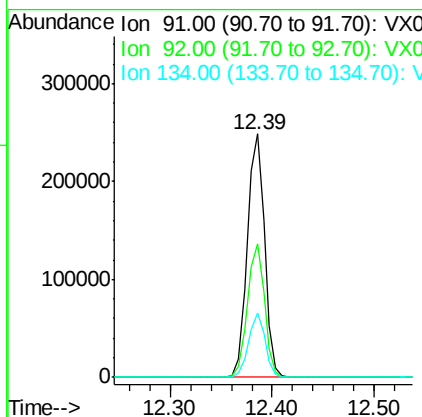
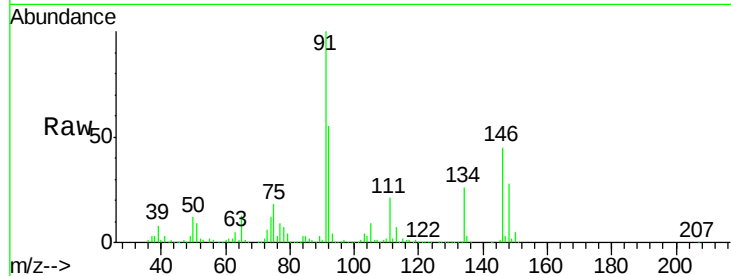
#89
n-Butylbenzene
Concen: 48.051 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	291522		
92	54.4	27.6	82.8	
134	25.5	15.4	46.1	

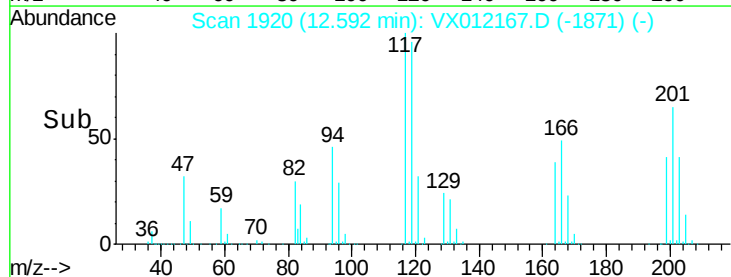
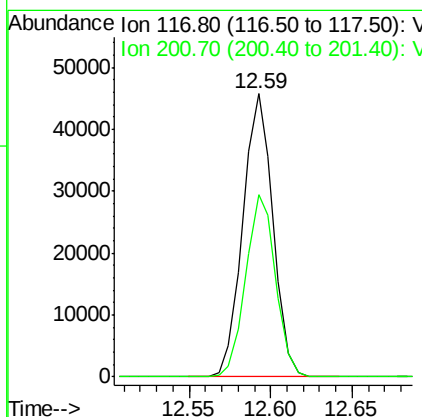
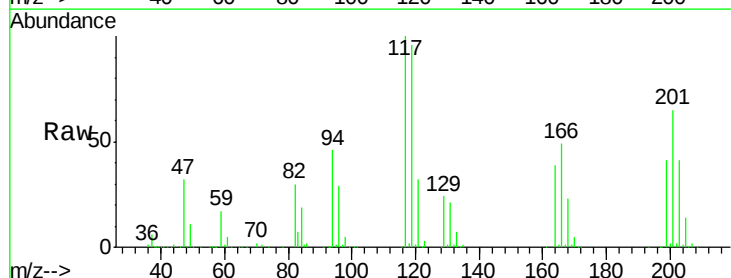
Manual Integrations
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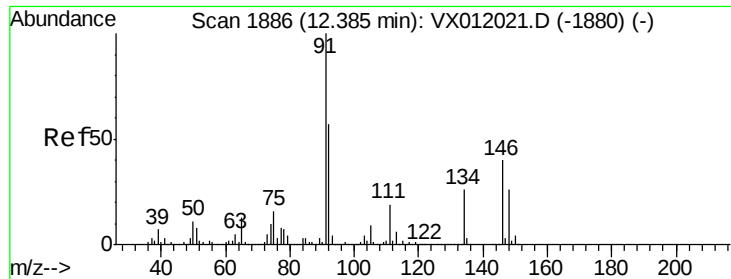
MMDadoda
9/9/2019 10:50:05 AM



#90
Hexachloroethane
Concen: 47.090 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58722		
201	64.0	55.0	165.2	





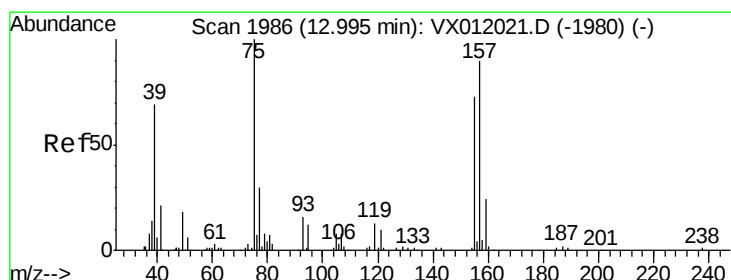
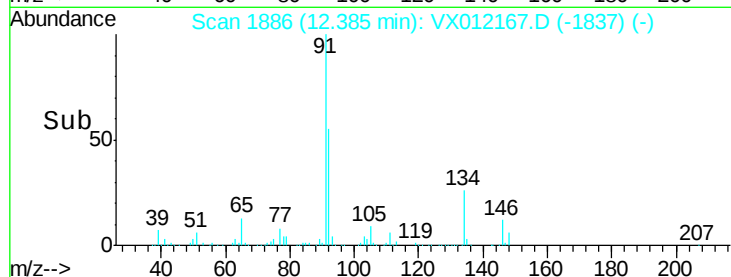
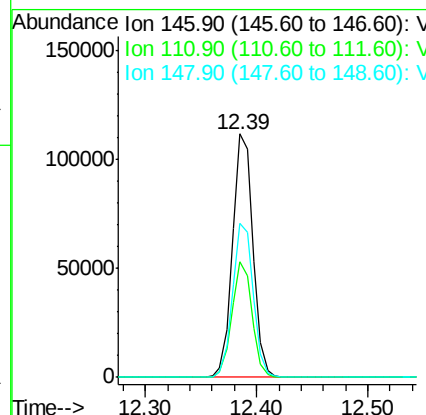
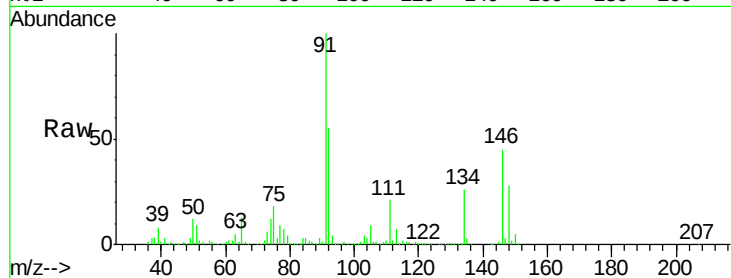
#91
 1,2-Dichlorobenzene
 Concen: 52.917 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.9	18.6	56.0
148	63.8	32.4	97.2

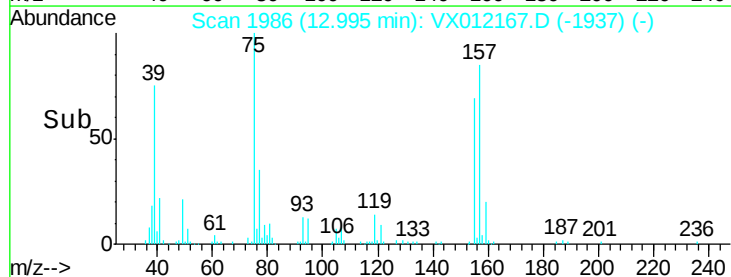
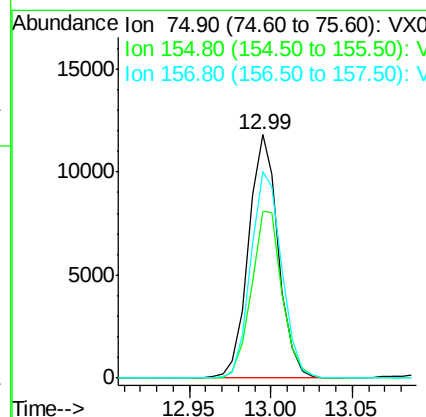
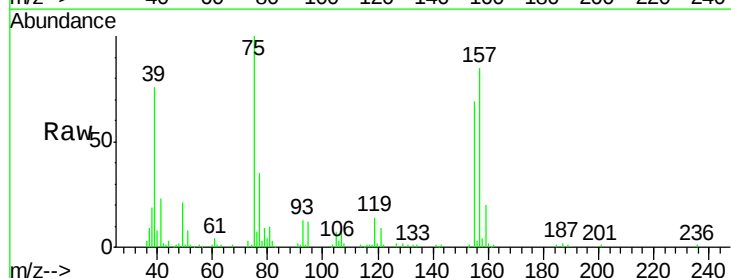
Manual Integrations
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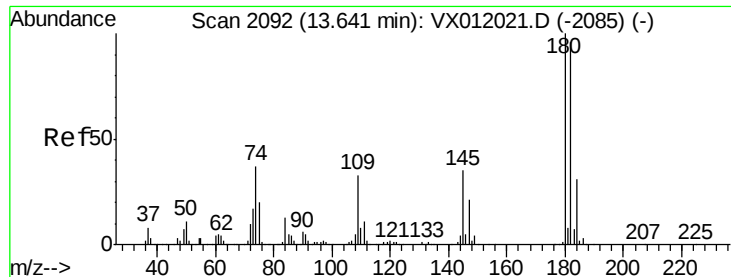
MMDadoda
 9/9/2019 10:50:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.916 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.7	51.7	155.2
157	87.7	66.9	200.7





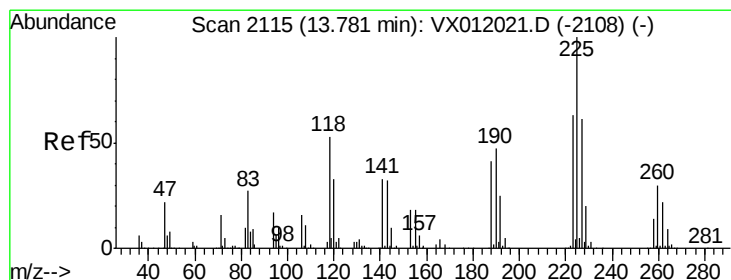
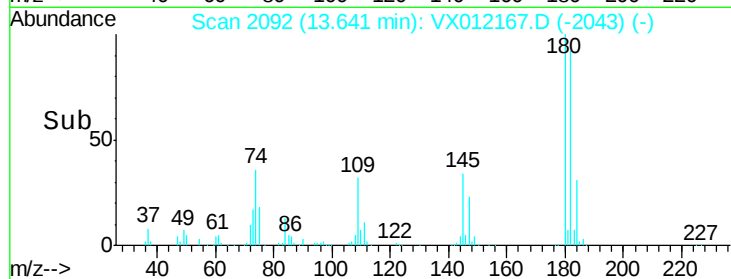
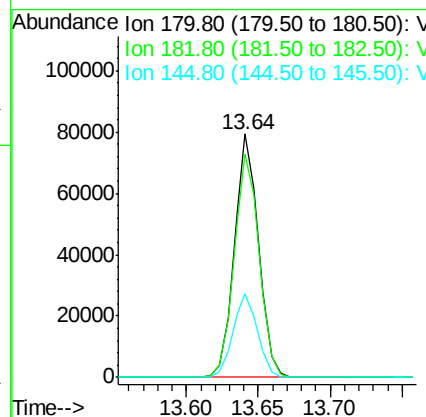
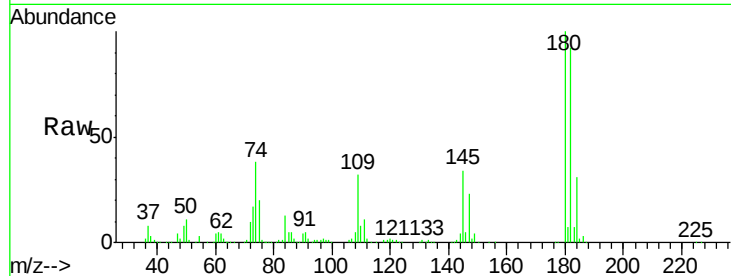
#93
 1,2,4-Trichlorobenzene
 Concen: 49.055 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	93285		
182	94.6	47.3	142.0	
145	34.9	13.7	41.0	

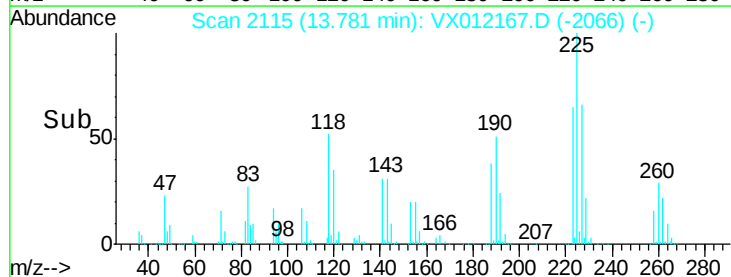
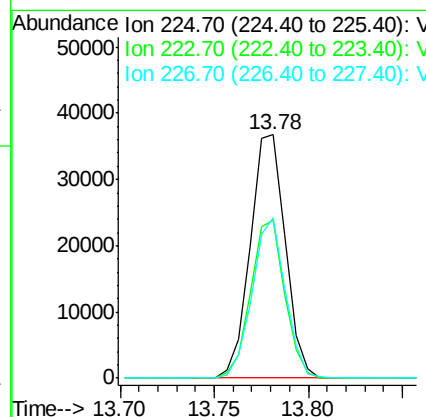
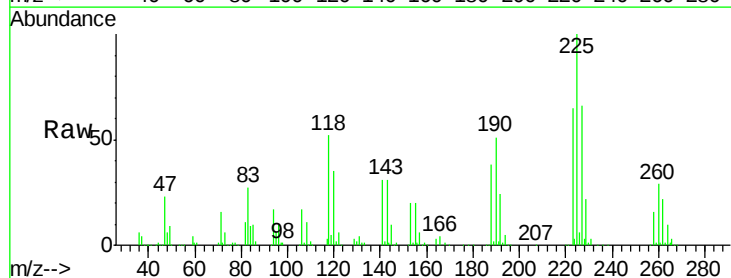
Manual Integrations
 APPROVED

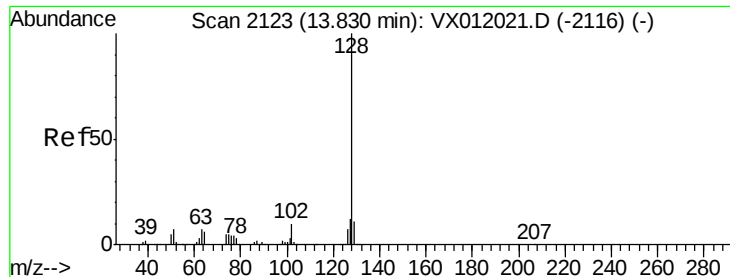
MMDadoda
 9/9/2019 10:50:05 AM



#94
 Hexachlorobutadiene
 Concen: 49.512 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47461		
223	62.7	31.6	95.0	
227	62.0	32.5	97.5	





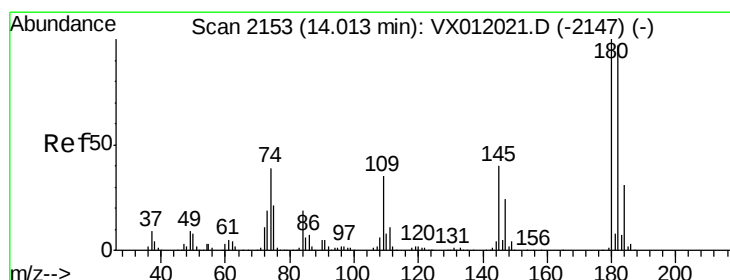
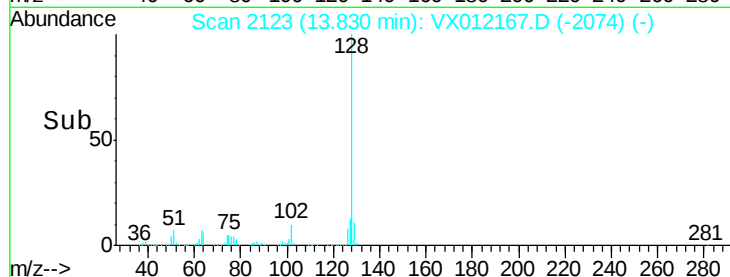
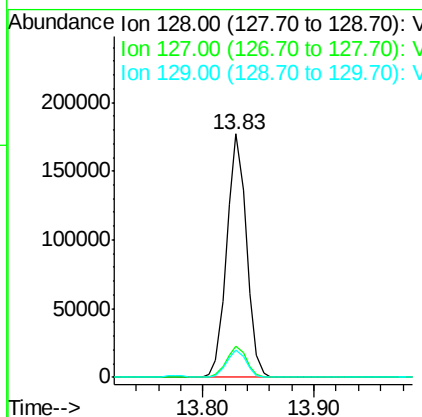
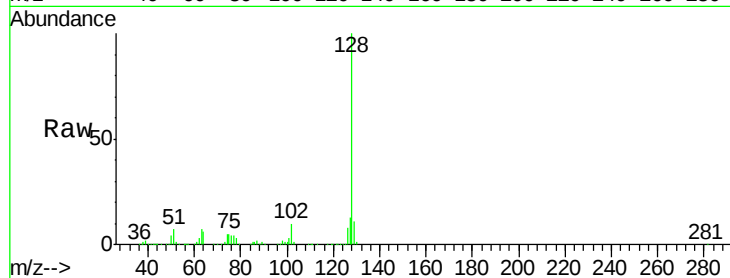
#95
Naphthalene
Concen: 52.624 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	216583		
127	12.9		10.5	15.7
129	11.2		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/9/2019 10:50:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.512 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84507		
182	94.3		47.9	143.6
145	38.1		14.1	42.4

