

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011356.D
 Acq On : 07 Aug 2019 12:18
 Operator : JC/SP
 Sample : VX0807WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 10:57:06 AM

Quant Time: Aug 08 07:20:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95041	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
35) Dibromofluoromethane	5.49	113	82079	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.71	98	310621	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	112538	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23102	17.428	ug/l	99
3) Chloromethane	1.32	50	26343	17.697	ug/l	97
4) Vinyl Chloride	1.40	62	28579	17.454	ug/l	97
5) Bromomethane	1.63	94	21835	18.698	ug/l	99
6) Chloroethane	1.71	64	19699	17.743	ug/l	96
7) Trichlorofluoromethane	1.92	101	51739	17.771	ug/l	98
8) Diethyl Ether	2.18	74	18507	17.802	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28699	18.218	ug/l	99
10) Methyl Iodide	2.50	142	31086	15.652	ug/l	99
11) Tert butyl alcohol	3.03	59	37179	107.885	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27701	17.739	ug/l	92
13) Acrolein	2.29	56	19606	91.267	ug/l	100
14) Allyl chloride	2.72	41	41123	19.754	ug/l	97
15) Acrylonitrile	3.14	53	82920	100.818	ug/l	98
16) Acetone	2.43	43	77589	94.312	ug/l	98
17) Carbon Disulfide	2.56	76	63389	17.298	ug/l	99
18) Methyl Acetate	2.76	43	37813	20.113	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	90832	19.738	ug/l	99
20) Methylene Chloride	2.85	84	32118	17.826	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	30531	18.483	ug/l	95
22) Diisopropyl ether	3.85	45	87824	19.195	ug/l	95
23) Vinyl Acetate	3.81	43	383905	101.165	ug/l	97
24) 1,1-Dichloroethane	3.69	63	52129	19.322	ug/l	99
25) 2-Butanone	4.67	43	116383	99.449	ug/l	99
26) 2,2-Dichloropropane	4.58	77	40991	19.545	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	34345	18.051	ug/l	96
28) Bromochloromethane	5.01	49	25778	20.959	ug/l	91
29) Tetrahydrofuran	5.12	42	71178	99.196	ug/l	99
30) Chloroform	5.20	83	56624	19.311	ug/l	97
31) Cyclohexane	5.58	56	41754	18.759	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	48781	19.420	ug/l	98
36) 1,1-Dichloropropene	5.79	75	39959	18.239	ug/l	99
37) Ethyl Acetate	4.82	43	43808	19.934	ug/l	97
38) Carbon Tetrachloride	5.78	117	42614	19.333	ug/l	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44363	17.083	ug/l	99
40) Benzene	6.13	78	121013	18.510	ug/l	97
41) Methacrylonitrile	5.04	41	22782	18.982	ug/l #	96
42) 1,2-Dichloroethane	6.18	62	44197	19.992	ug/l	98
43) Isopropyl Acetate	6.44	43	68280	19.434	ug/l	99
44) Trichloroethene	7.21	130	35003	17.688	ug/l	98
45) 1,2-Dichloropropane	7.51	63	31499	18.604	ug/l	97
46) Dibromomethane	7.66	93	22671	18.342	ug/l	97
47) Bromodichloromethane	7.89	83	39696	18.969	ug/l	96
48) Methyl methacrylate	7.77	41	32835	19.858	ug/l	99
49) 1,4-Dioxane	7.74	88	18477	385.447	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	227906	100.510	ug/l	100
52) Toluene	8.78	92	80484	18.619	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41722	18.986	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	47093	19.264	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	34323	19.312	ug/l	97
56) Ethyl methacrylate	9.18	69	49077	19.377	ug/l	98
57) 1,3-Dichloropropane	9.37	76	52952	18.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	128491	103.180	ug/l	99
59) 2-Hexanone	9.49	43	179941	102.454	ug/l	98
60) Dibromochloromethane	9.58	129	33525	18.425	ug/l	98
61) 1,2-Dibromoethane	9.67	107	35135	18.298	ug/l	99
64) Tetrachloroethene	9.34	164	35585	17.947	ug/l	94
65) Chlorobenzene	10.13	112	90804	18.139	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	32583	19.012	ug/l	99
67) Ethyl Benzene	10.25	91	155277	18.521	ug/l	99
68) m/p-Xylenes	10.35	106	120099	37.035	ug/l	97
69) o-Xylene	10.69	106	56973	17.881	ug/l	96
70) Styrene	10.71	104	97994	18.588	ug/l	98
71) Bromoform	10.85	173	24875	18.148	ug/l #	99
73) Isopropylbenzene	11.02	105	156316	19.063	ug/l	100
74) N-amyl acetate	10.90	43	59378	20.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	52960	19.381	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	45424m	20.804	ug/l	
77) Bromobenzene	11.25	156	41936	18.443	ug/l	94
78) n-propylbenzene	11.35	91	172278	18.893	ug/l	100
79) 2-Chlorotoluene	11.42	91	104610	19.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	130698	19.041	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	13269	19.286	ug/l	89
82) 4-Chlorotoluene	11.51	91	119957	18.938	ug/l	98
83) tert-Butylbenzene	11.77	119	129285	19.204	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	130907	19.155	ug/l	99
85) sec-Butylbenzene	11.94	105	150787	18.642	ug/l	100
86) p-Isopropyltoluene	12.06	119	139896	18.800	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75244	18.729	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75787	18.294	ug/l	98
89) n-Butylbenzene	12.38	91	117134	18.271	ug/l	99
90) Hexachloroethane	12.59	117	20497	18.632	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	75630	18.735	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10862	20.517	ug/l	95

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ClientSampleId :
VX0807WBS01

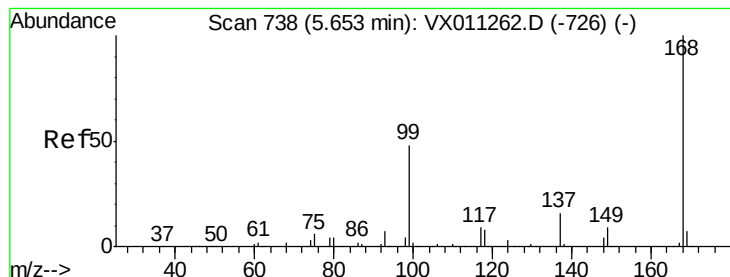
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50521	18.871	ug/l	99
94) Hexachlorobutadiene	13.78	225	23593	17.370	ug/l	97
95) Naphthalene	13.83	128	152149	19.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	51999	19.106	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS01

Tot Ion:168 Resp: 171630

Ion Ratio Lower Upper

168 100

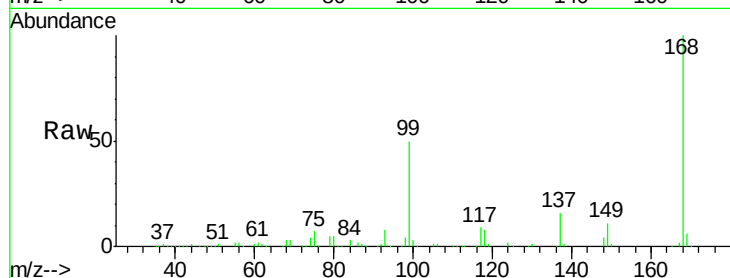
99 50.2 38.5 57.7

Manual Integrations

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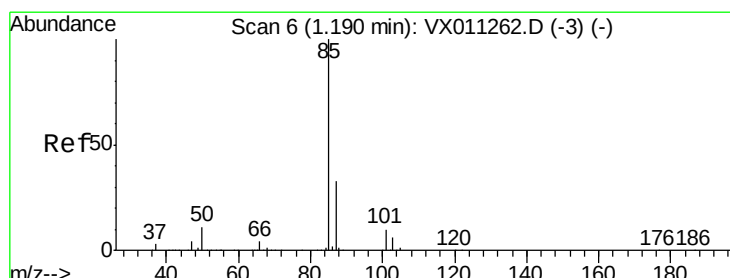
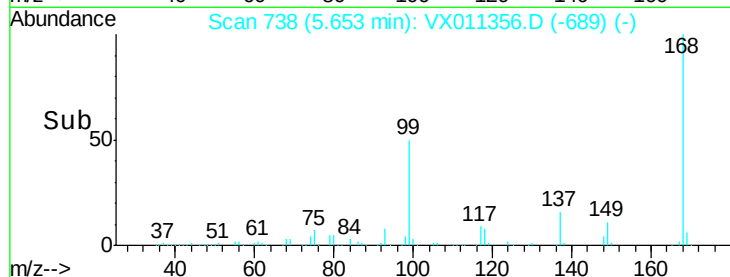
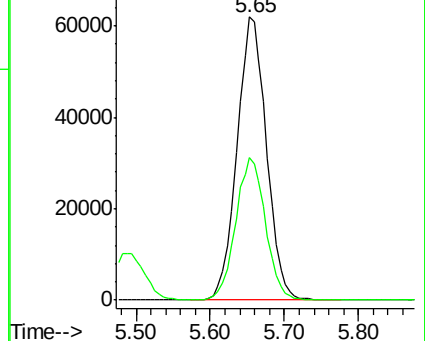
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.428 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011356.D

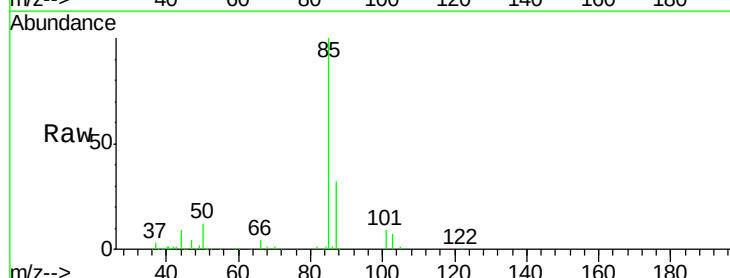
Acq: 07 Aug 2019 12:18

Tgt Ion: 85 Resp: 23102

Ion Ratio Lower Upper

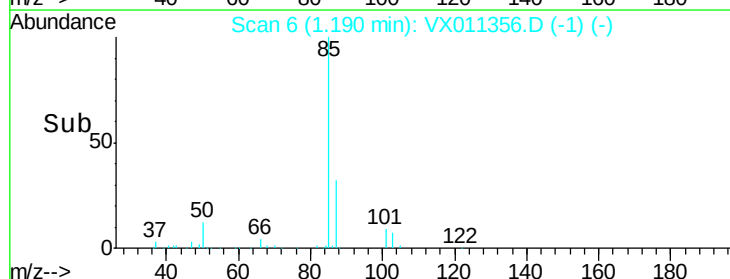
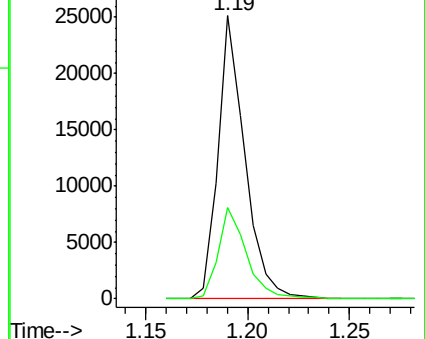
85 100

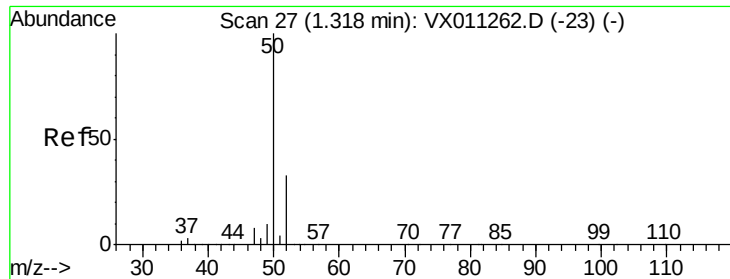
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.697 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS01

Tot Ion: 50 Resp: 26343

Ion Ratio Lower Upper

50 100

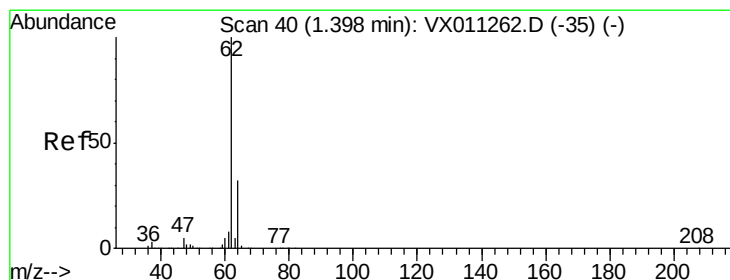
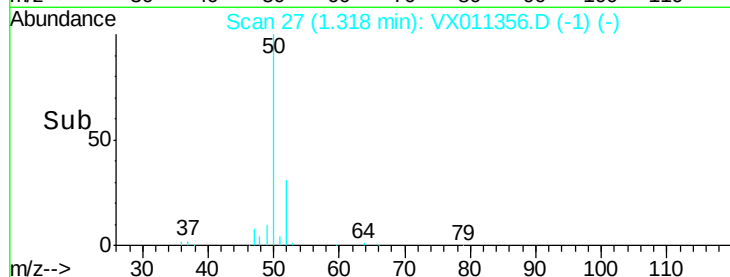
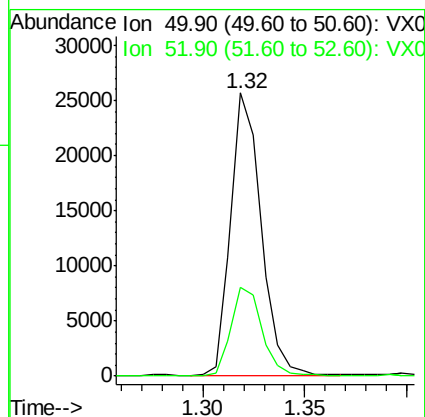
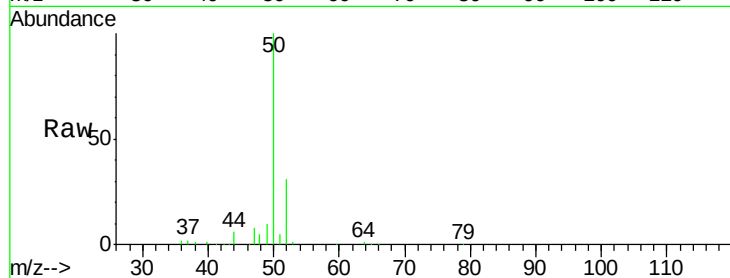
52 31.5 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.454 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011356.D

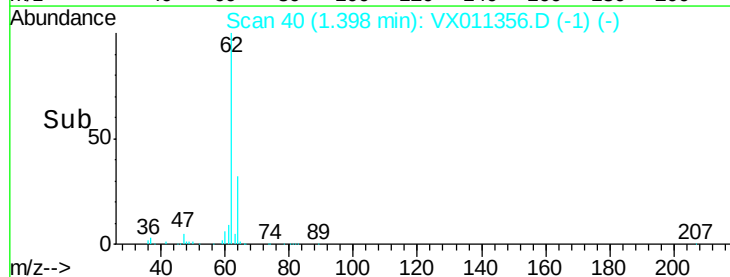
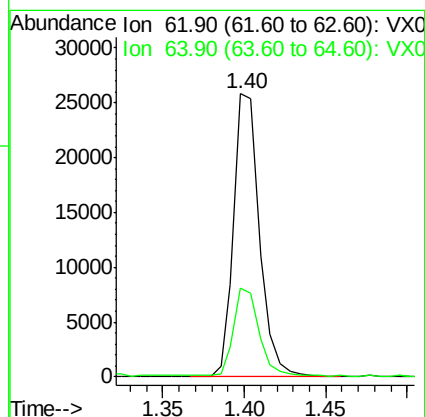
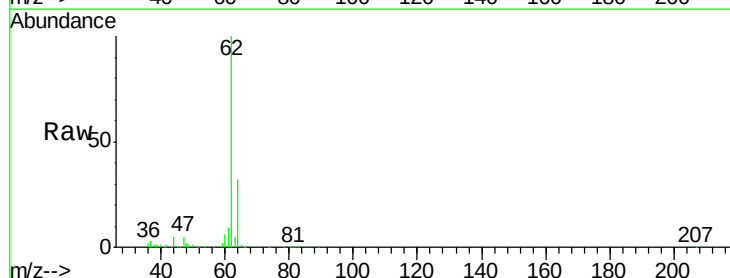
Acq: 07 Aug 2019 12:18

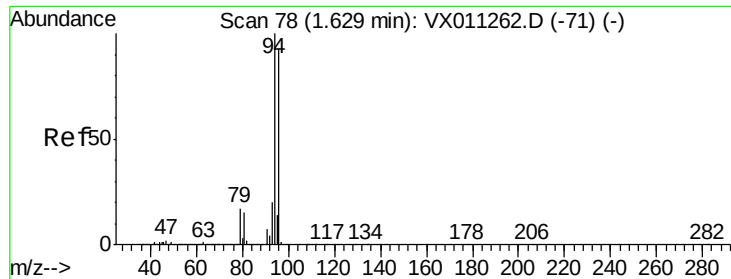
Tgt Ion: 62 Resp: 28579

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0





#5

Bromomethane

Concen: 18.698 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS01

Tot Ion: 94 Resp: 21835

Ion Ratio Lower Upper

94 100

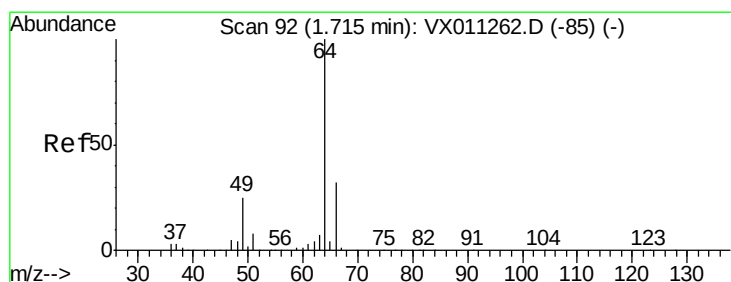
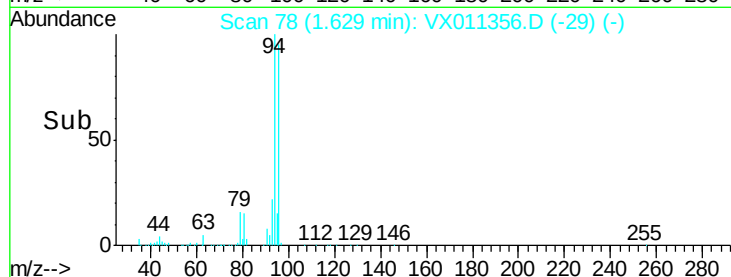
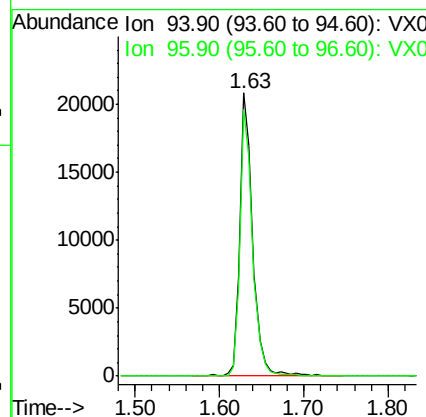
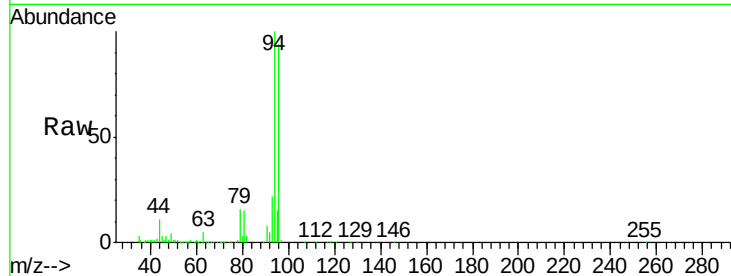
96 94.4 74.6 112.0

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#6

Chloroethane

Concen: 17.743 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011356.D

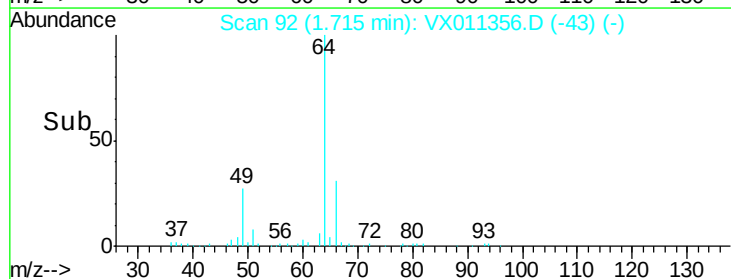
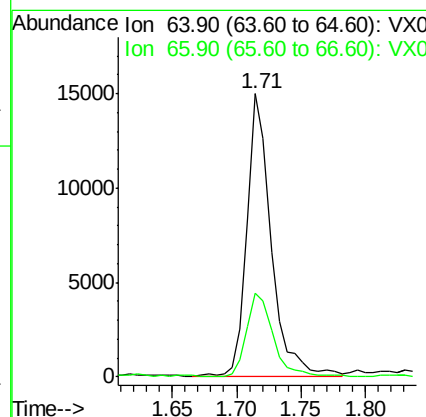
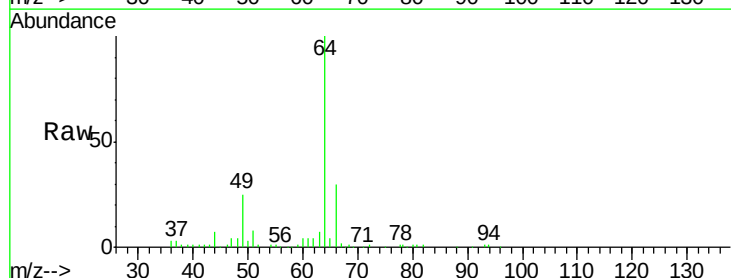
Acq: 07 Aug 2019 12:18

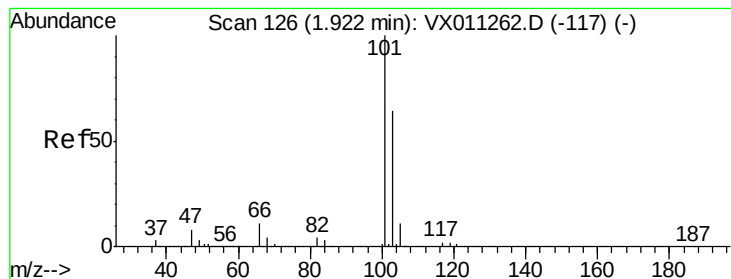
Tgt Ion: 64 Resp: 19699

Ion Ratio Lower Upper

64 100

66 29.0 25.1 37.7





#7

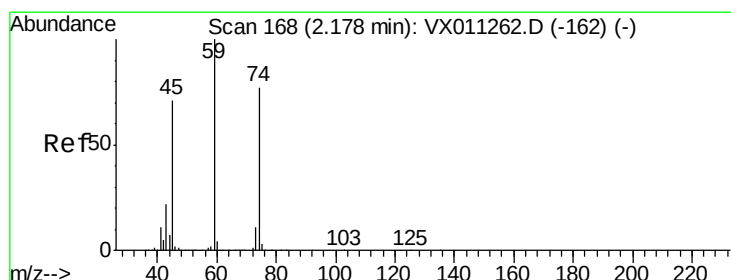
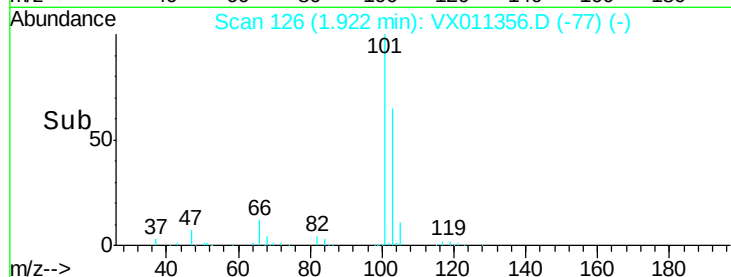
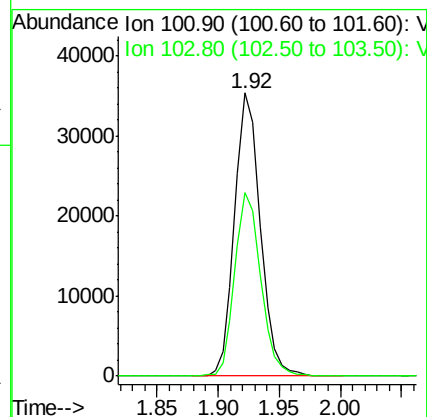
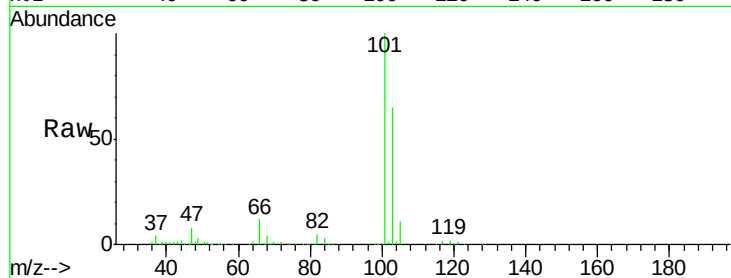
Trichlorofluoromethane
Concen: 17.771 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.9	76.3

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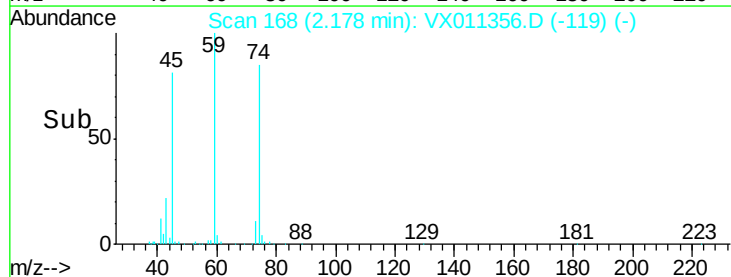
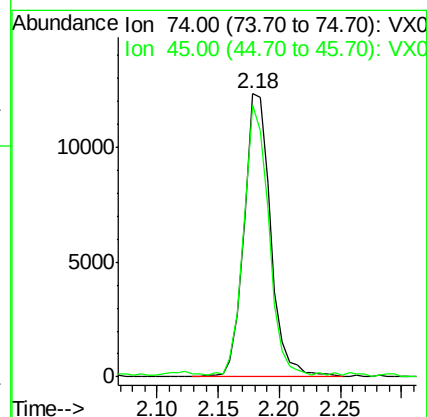
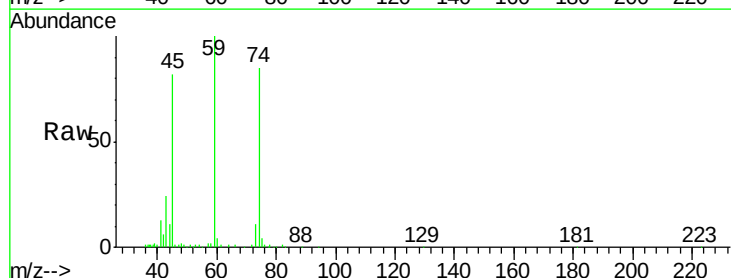
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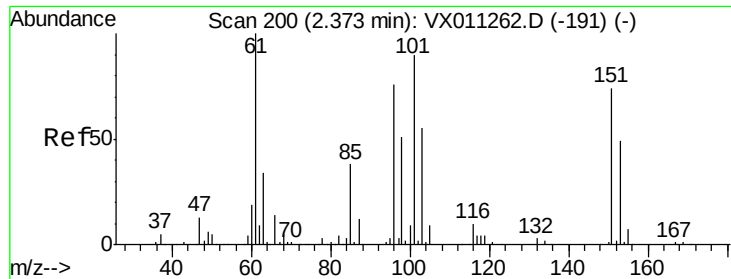


#8

Diethyl Ether
Concen: 17.802 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	46.1	138.3





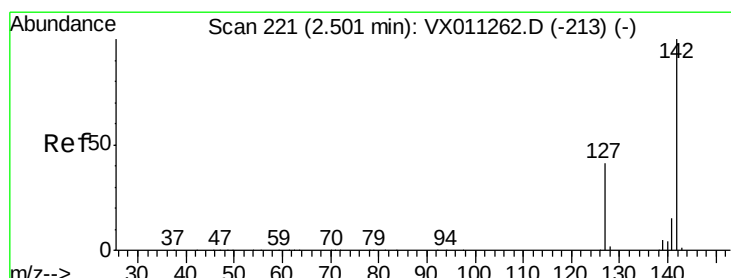
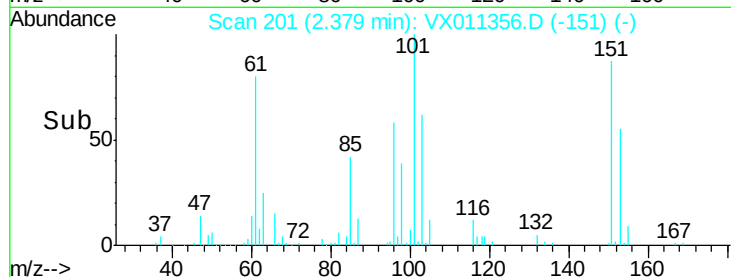
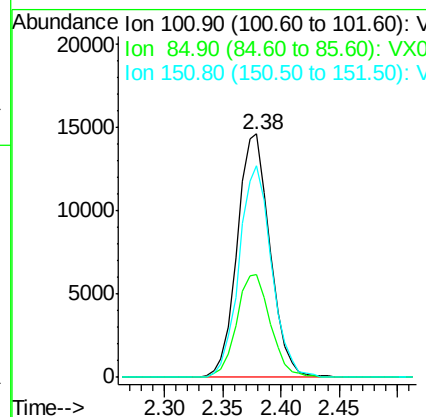
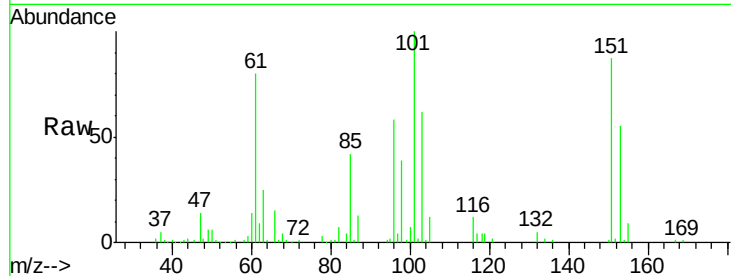
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.218 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	28699		
85	43.5		33.8	50.6
151	86.1		69.5	104.3

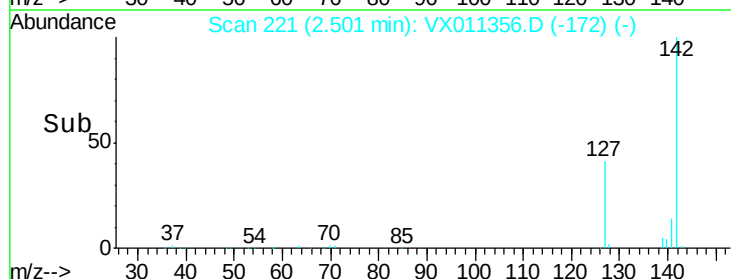
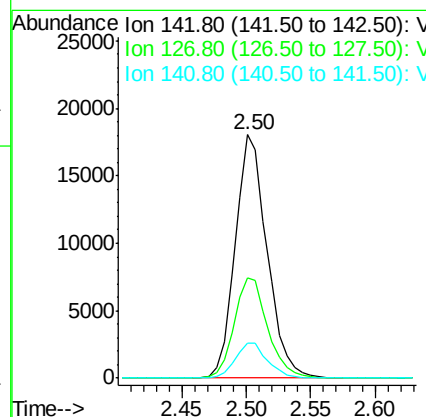
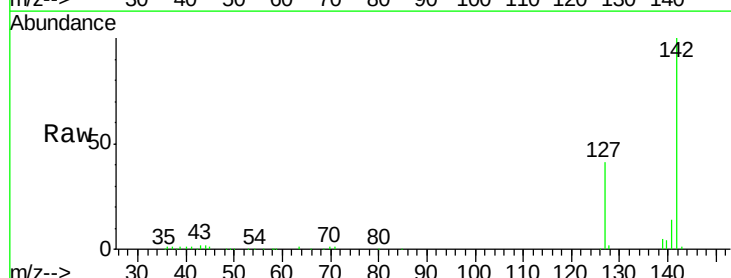
Manual Integrations
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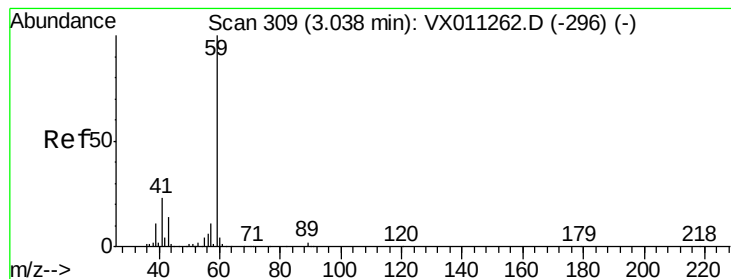
MMDadoda
8/8/2019 10:57:06 AM



#10
Methyl Iodide
Concen: 15.652 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	31086		
127	43.2		33.8	50.8
141	14.3		11.4	17.2





#11

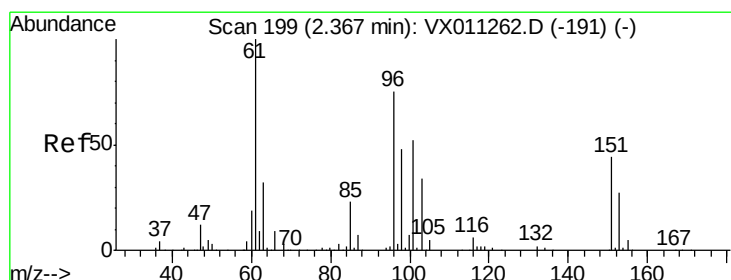
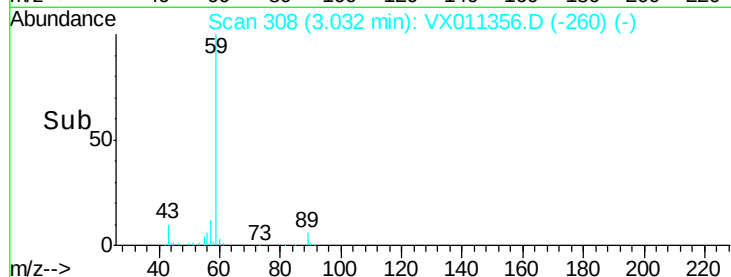
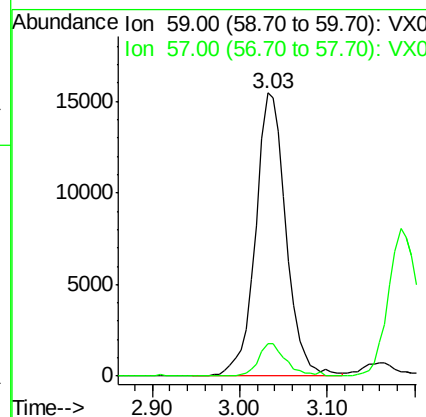
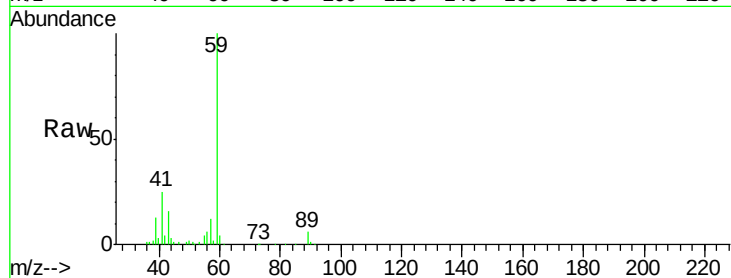
Tert butyl alcohol
Concen: 107.885 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

Manual Integrations
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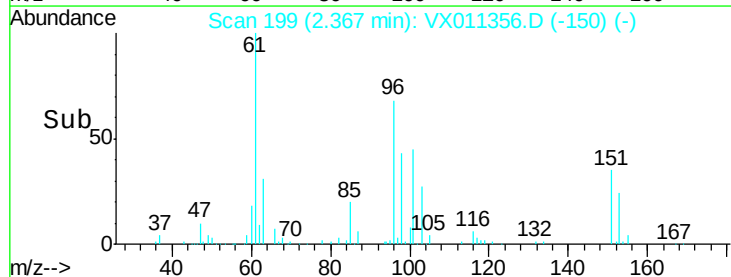
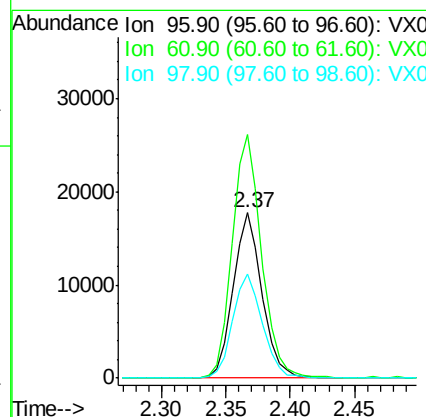
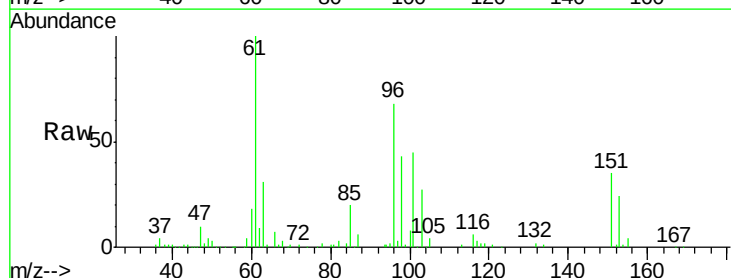
MMDadoda
8/8/2019 10:57:06 AM

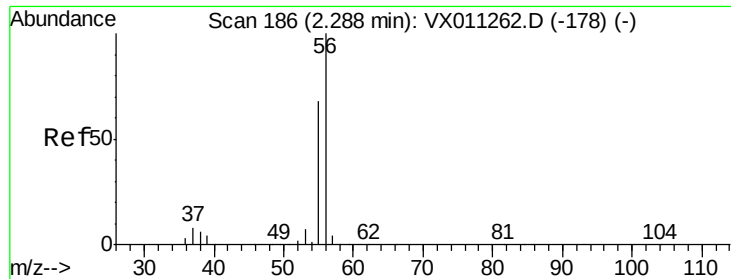


#12

1,1-Dichloroethene
Concen: 17.739 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.3	106.2	159.2
98	63.3	50.6	75.8





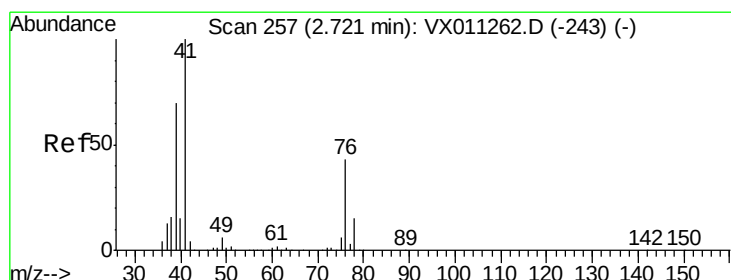
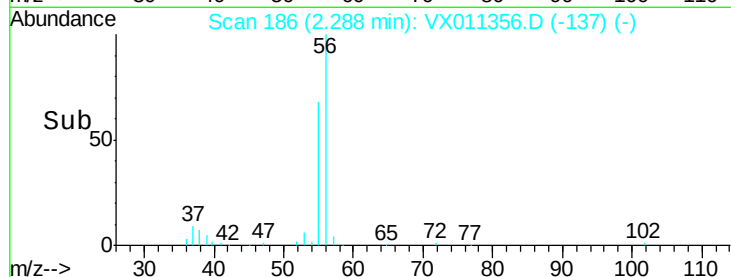
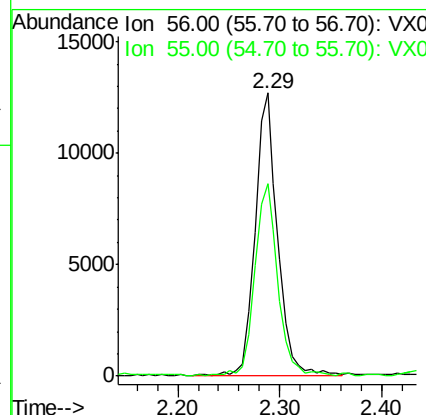
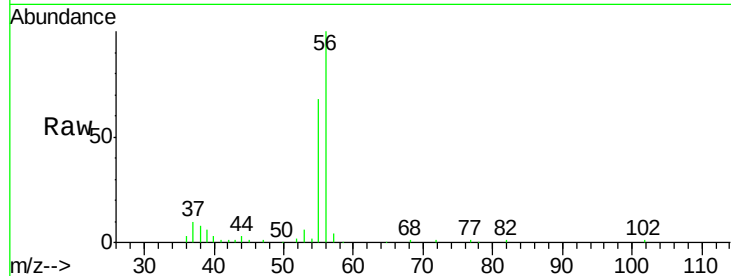
#13
Acrolein
Concen: 91.267 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		19606		
55	70.1		56.0	84.0	

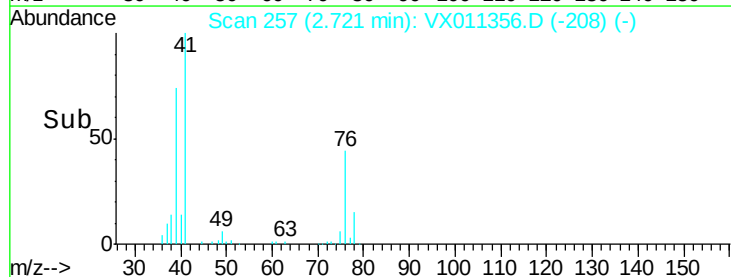
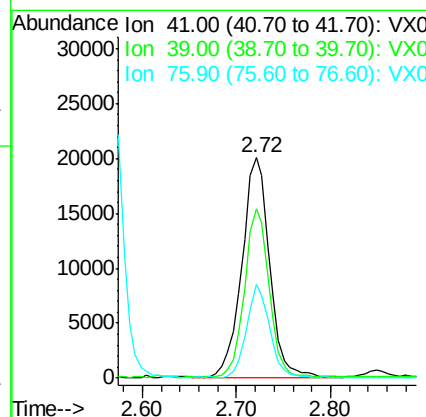
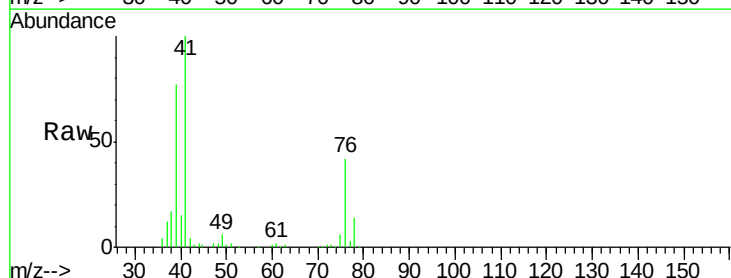
Manual Integrations
APPROVED

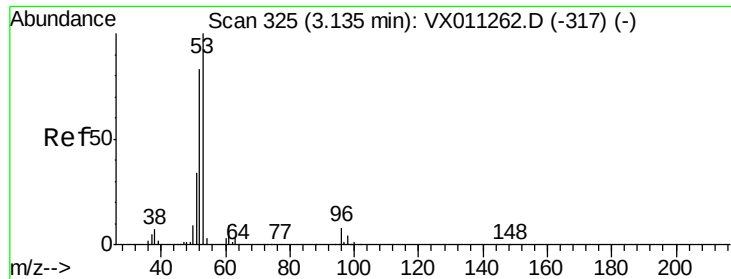
MMDadoda
8/8/2019 10:57:06 AM



#14
Allyl chloride
Concen: 19.754 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		41123		
39	67.8		52.8	79.2	
76	35.9		31.1	46.7	





#15

Acrylonitrile

Concen: 100.818 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

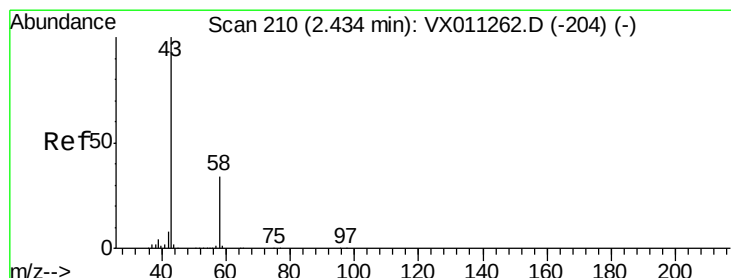
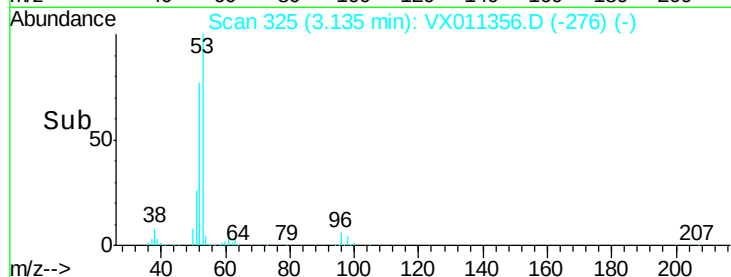
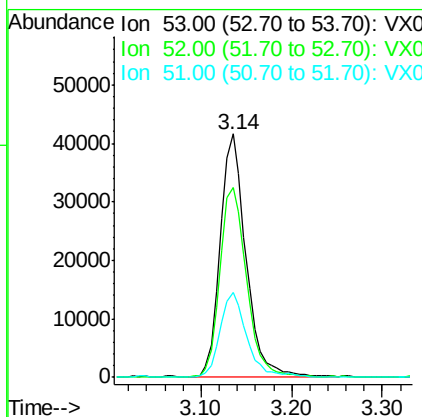
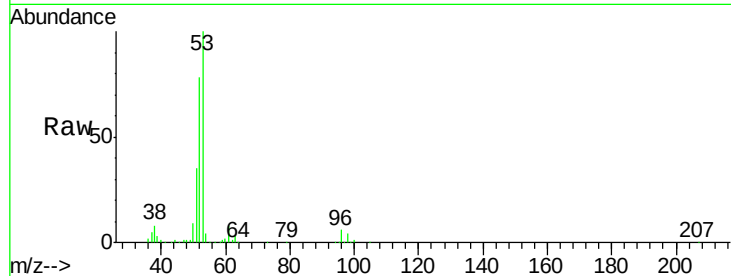
ClientSampled :

VX0807WBS01

Tot Ion:	53	Resp:	82920
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.5	98.3
51	36.2	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 94.312 ug/l

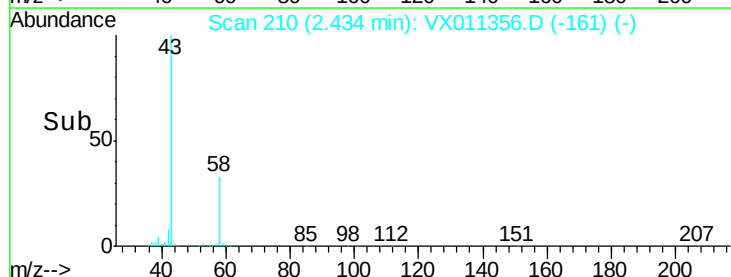
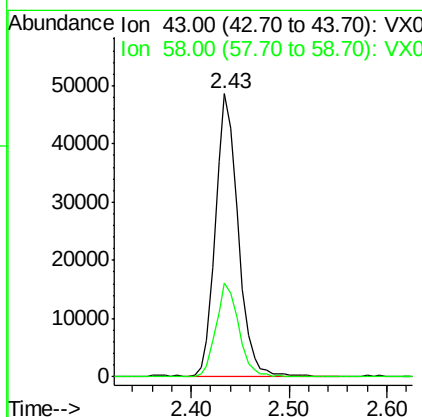
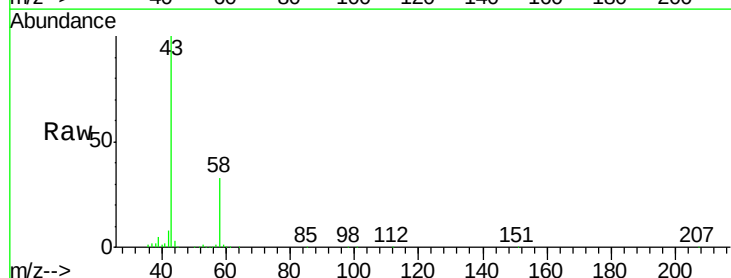
RT: 2.43 min Scan# 210

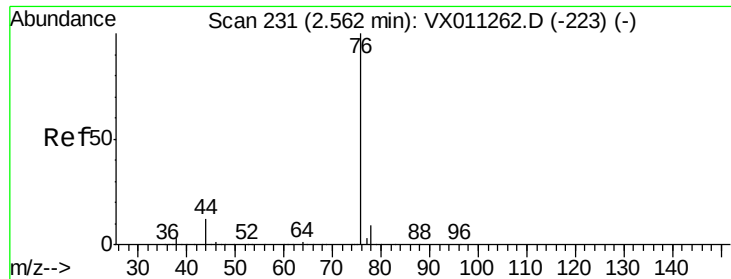
Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion:	43	Resp:	77589
Ion Ratio	Lower	Upper	
43	100		
58	33.3	27.4	41.0





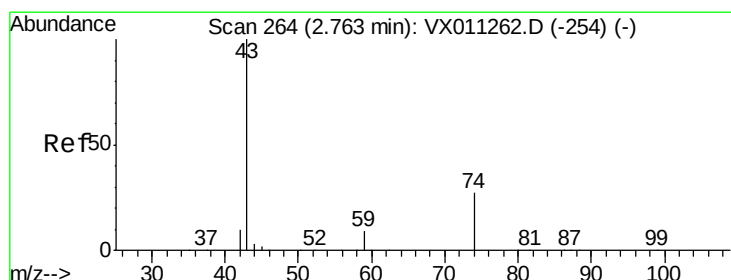
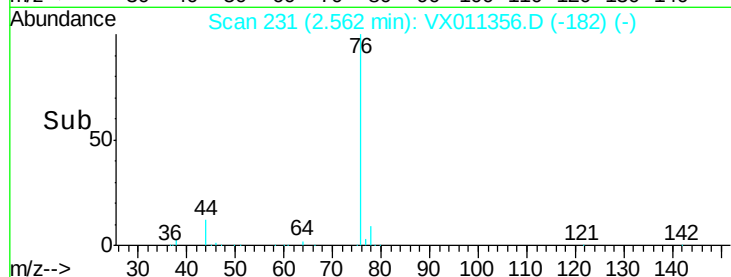
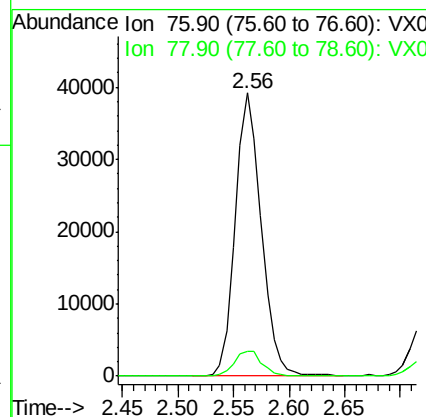
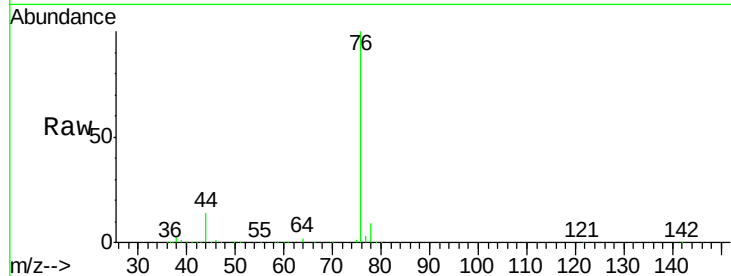
#17
Carbon Disulfide
Concen: 17.298 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

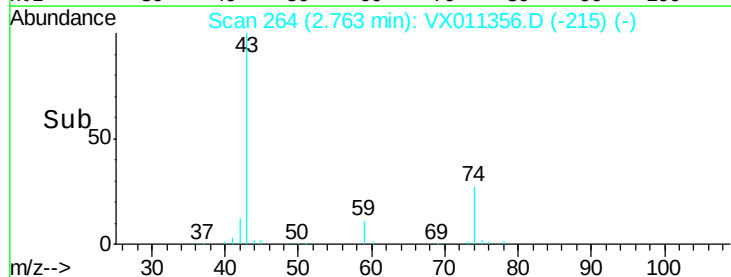
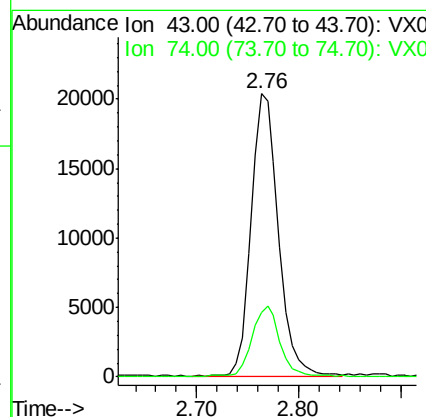
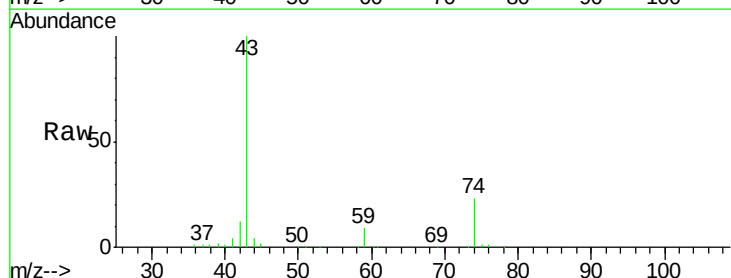
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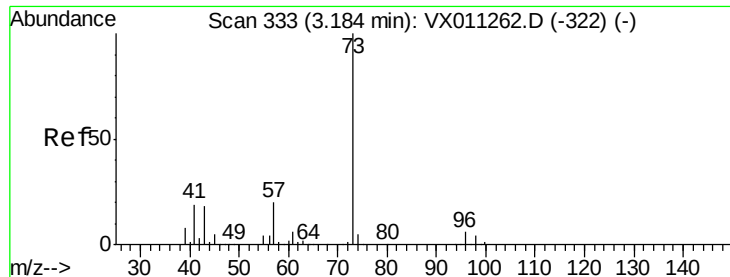
MMDadoda
8/8/2019 10:57:06 AM



#18
Methyl Acetate
Concen: 20.113 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	21.0	31.6





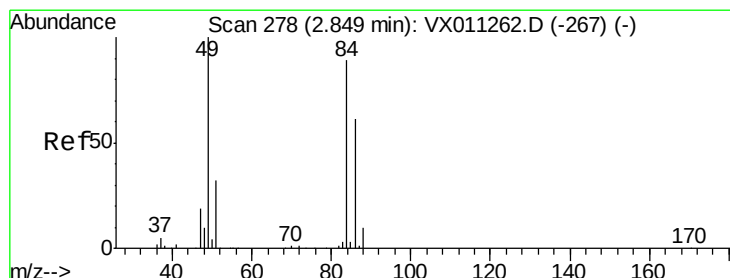
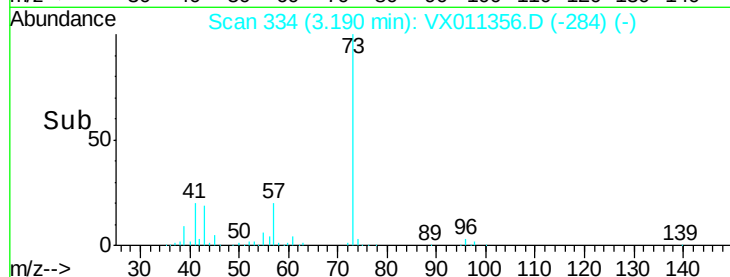
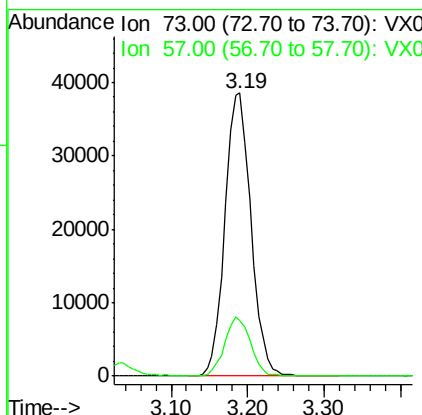
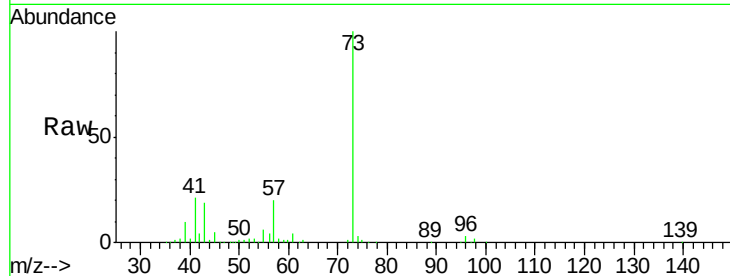
#19
Methyl tert-butyl Ether
Concen: 19.738 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.7	16.2	24.2

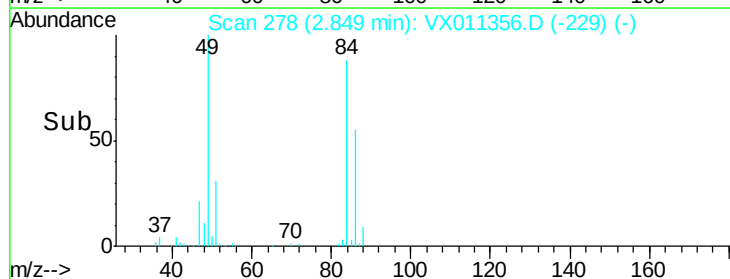
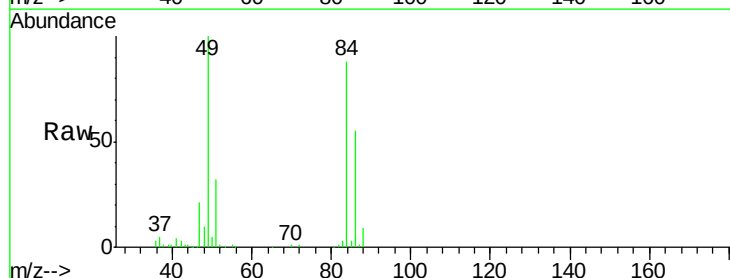
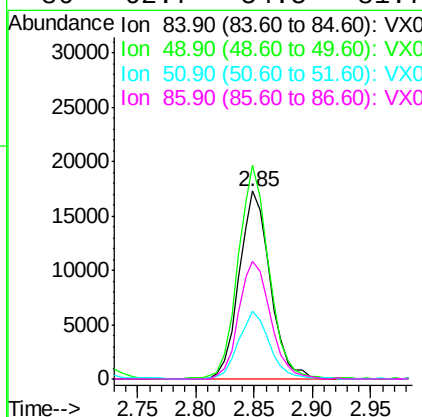
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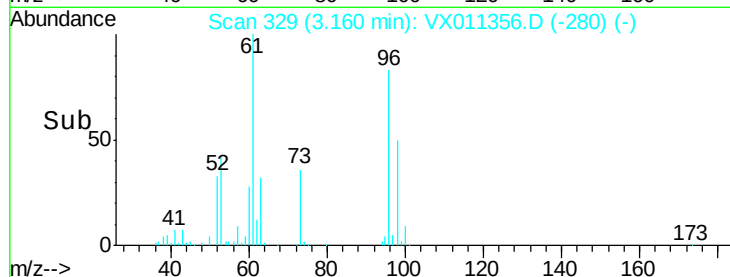
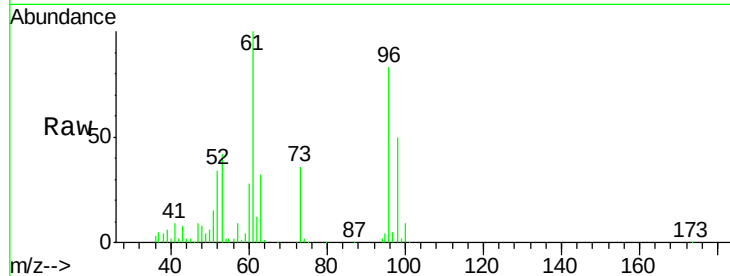
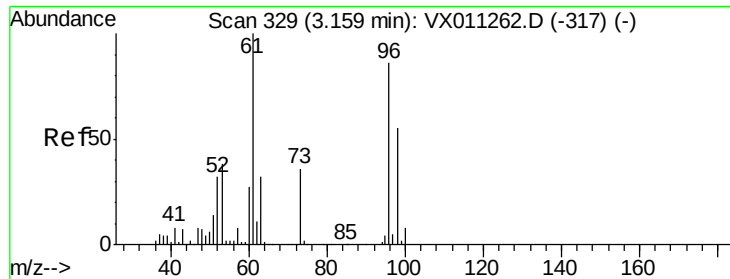
MMDadoda
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#20
Methylene Chloride
Concen: 17.826 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.1	89.3	133.9
51	36.1	28.3	42.5
86	62.7	54.5	81.7





#21

trans-1,2-Dichloroethene

Concen: 18.483 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011356.D

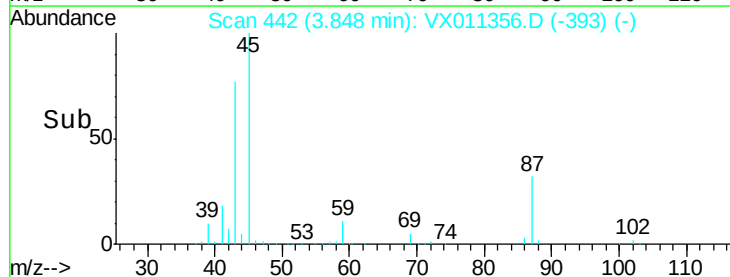
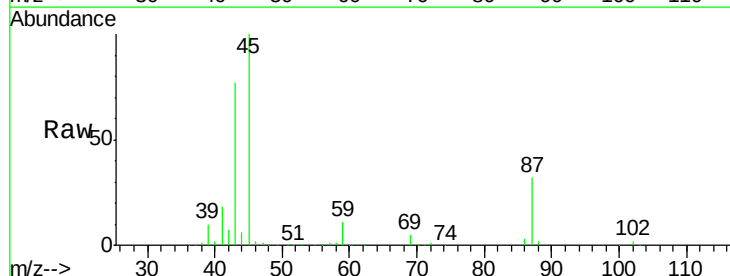
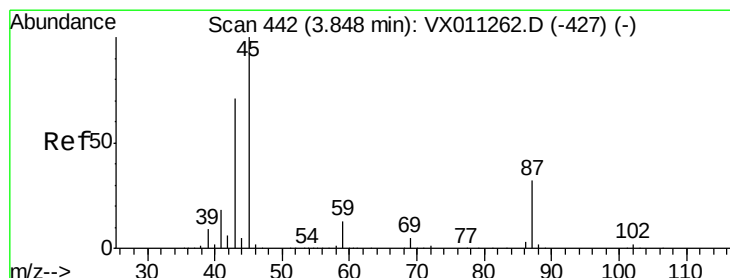
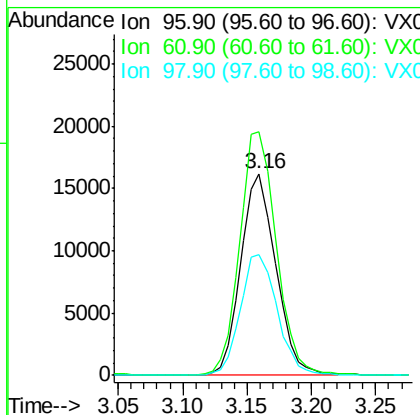
Acq: 07 Aug 2019 12:18

Tot Ion:	96	Resp:	30531
Ion	Ratio	Lower	Upper
96	100		
61	120.8	92.8	139.2
98	60.0	51.2	76.8

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

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#22

Diisopropyl ether

Concen: 19.195 ug/l

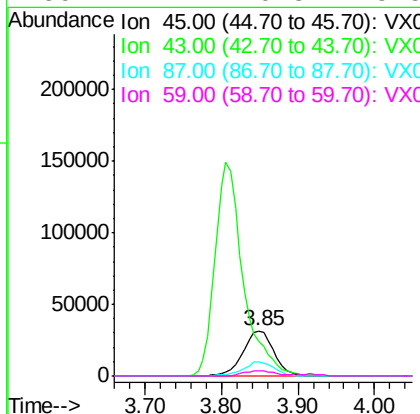
RT: 3.85 min Scan# 442

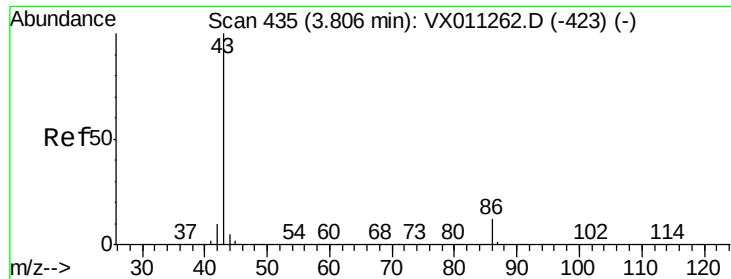
Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion:	45	Resp:	87824
Ion	Ratio	Lower	Upper
45	100		
43	76.9	56.8	85.2
87	32.2	25.8	38.6
59	11.1	10.3	15.5





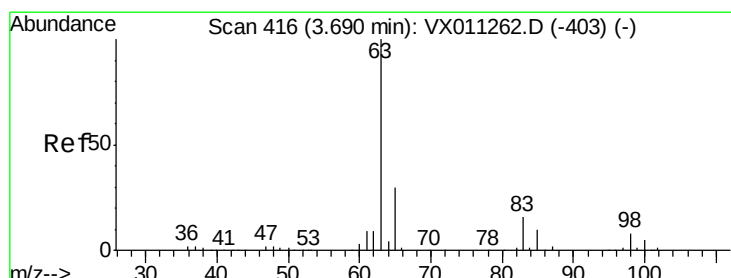
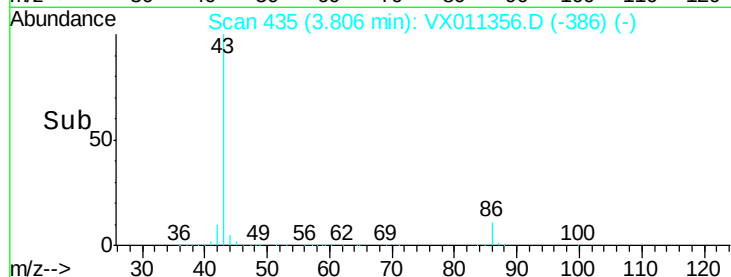
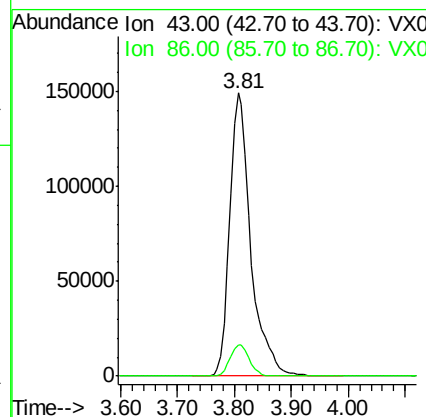
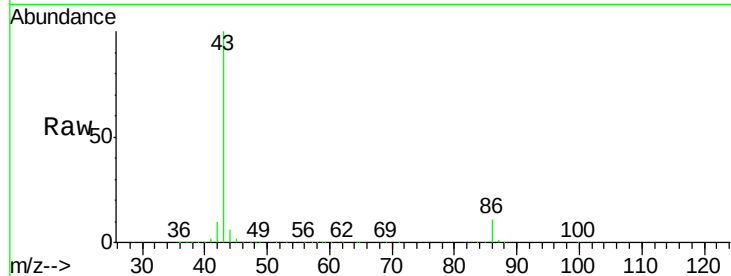
#23
 Vinyl Acetate
 Concen: 101.165 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Tot Ion	43	86	Resp	Lower	Upper
383905	100	10.9		9.6	14.4

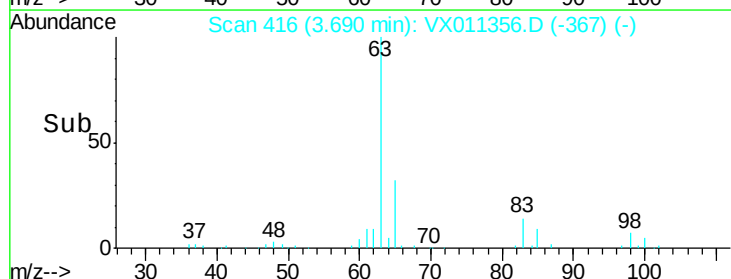
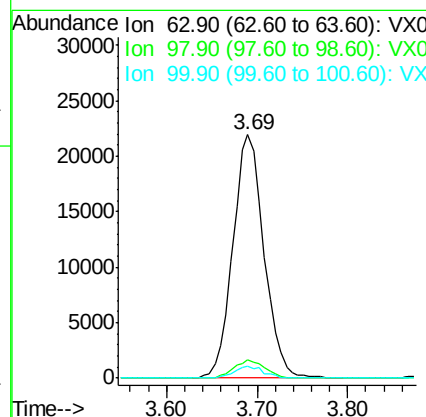
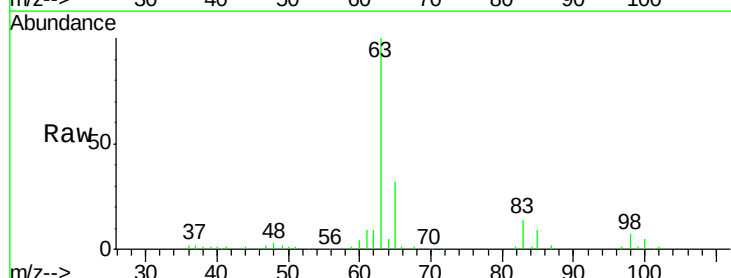
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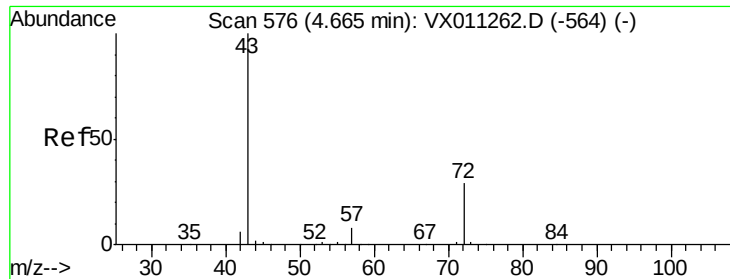
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 19.322 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion	63	98	100	Resp	Lower	Upper
52129	100	7.3	5.1		3.9	11.5
					2.7	8.1





#25

2-Butanone

Concen: 99.449 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

VX0807WBS01

Tot Ion: 43 Resp: 116383

Ion Ratio Lower Upper

43 100

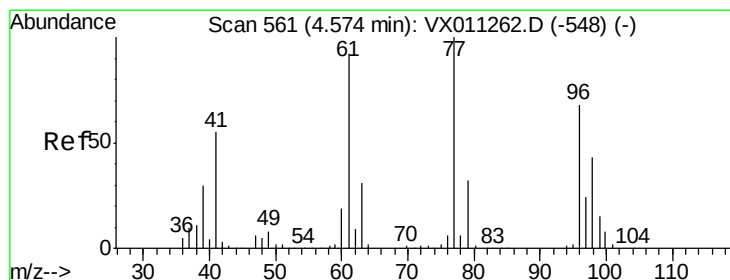
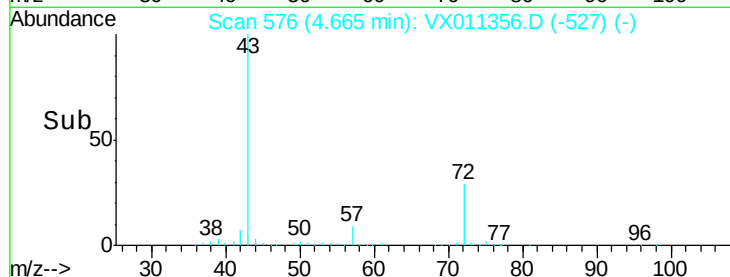
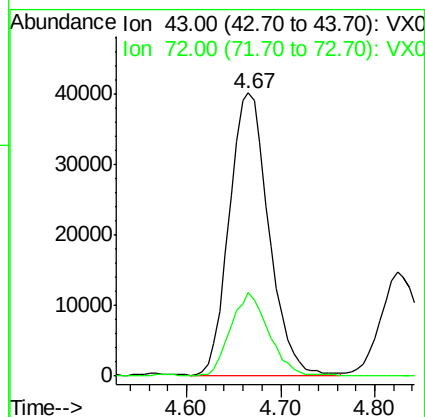
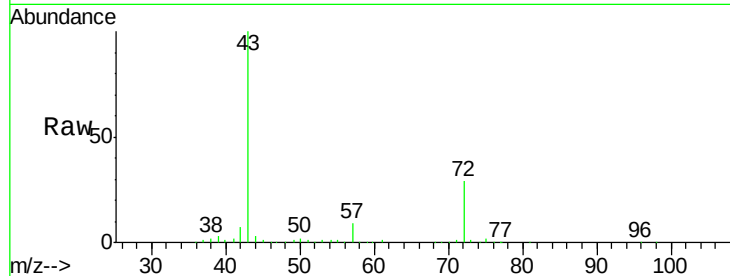
72 29.3 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.545 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011356.D

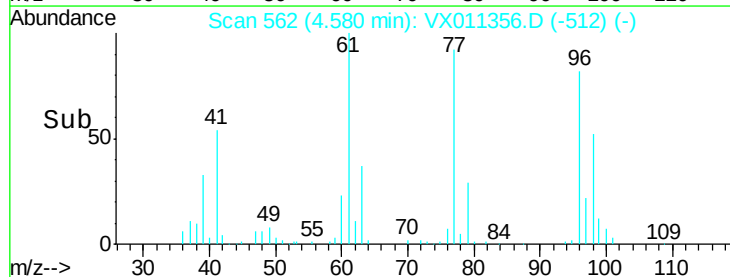
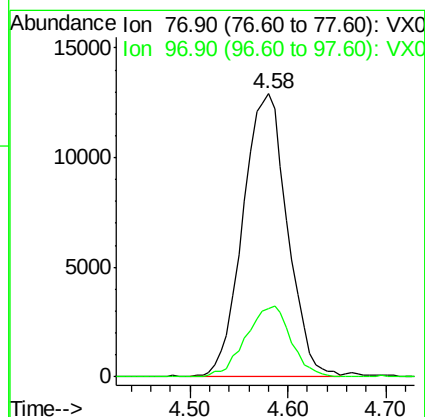
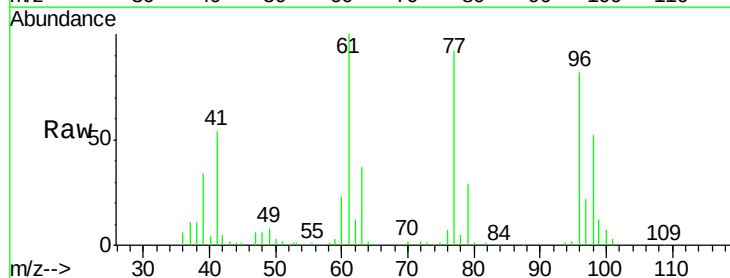
Acq: 07 Aug 2019 12:18

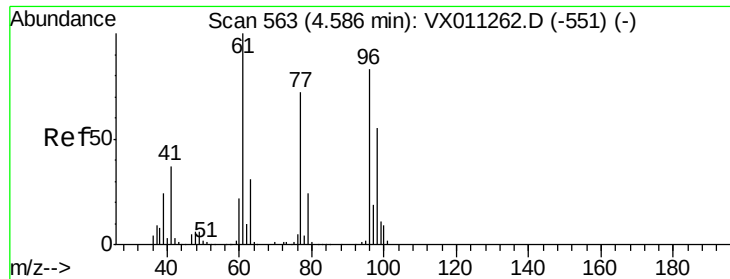
Tgt Ion: 77 Resp: 40991

Ion Ratio Lower Upper

77 100

97 25.3 12.8 38.4





#27

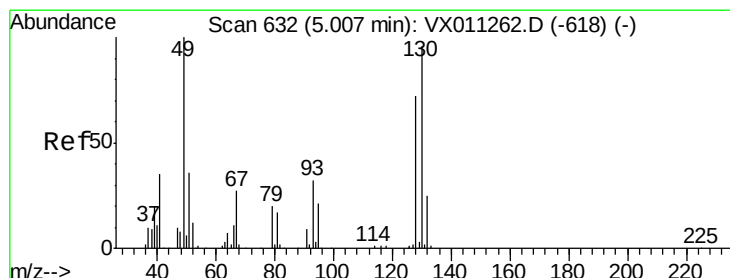
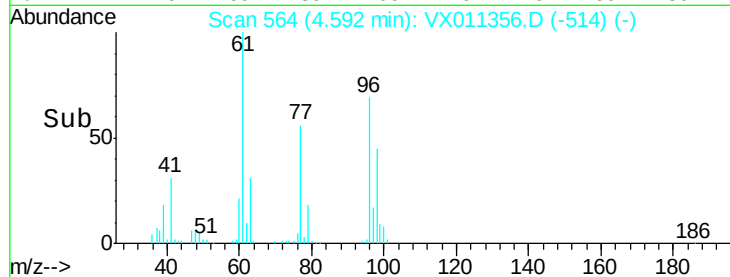
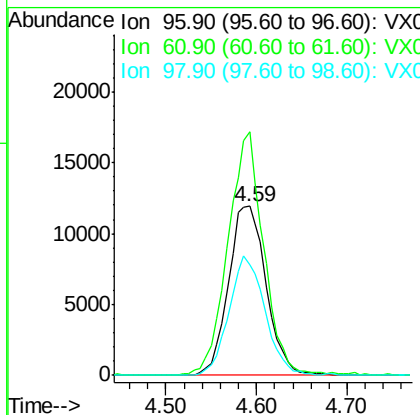
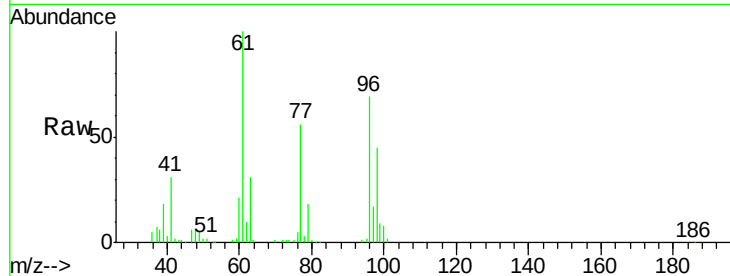
cis-1,2-Dichloroethene
Concen: 18.051 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	34345		
61	136.0		0.0	260.2
98	67.5		0.0	133.2

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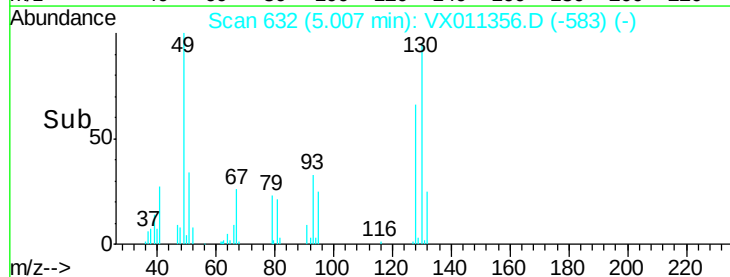
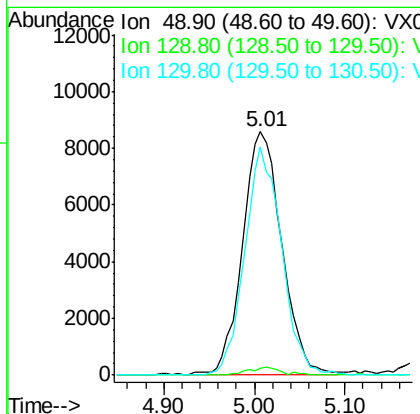
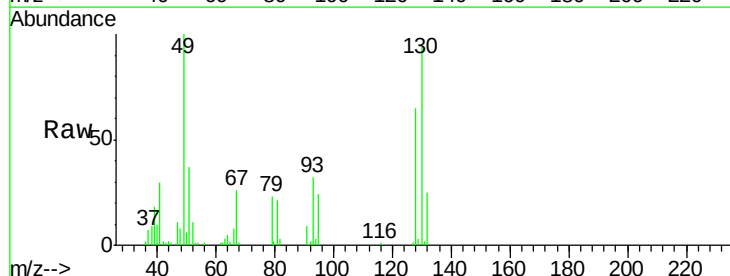
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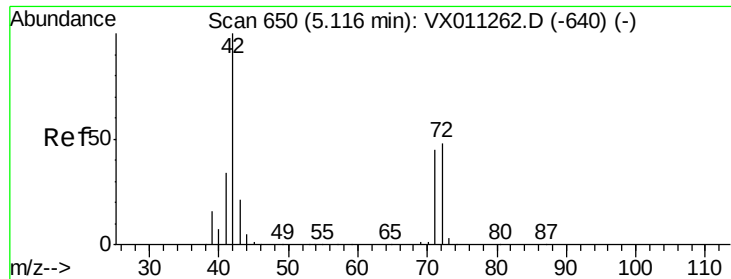


#28

Bromochloromethane
Concen: 20.959 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	25778		
129	2.4		0.0	5.8
130	88.1		77.9	116.9





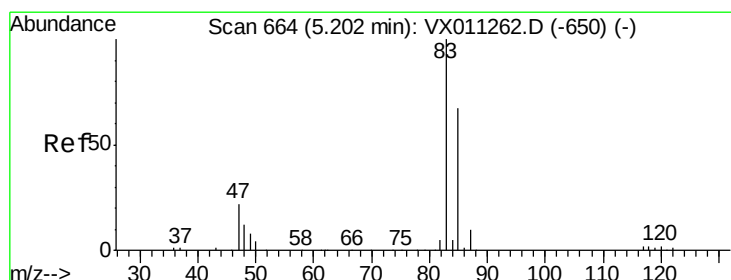
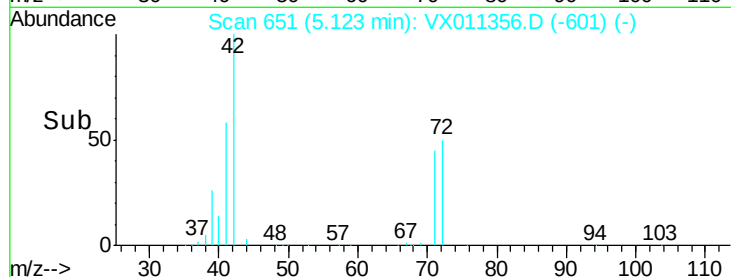
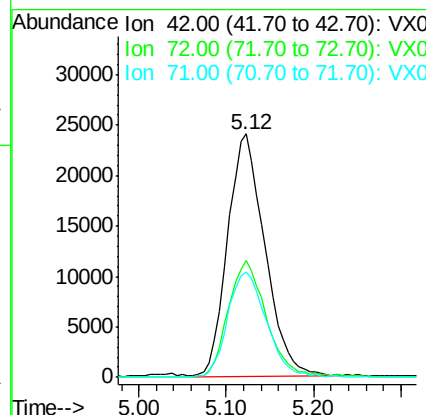
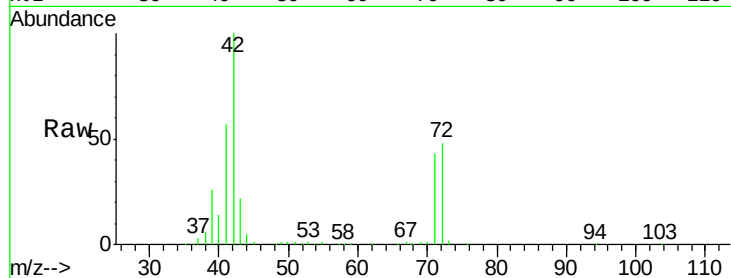
#29
Tetrahydrofuran
Concen: 99.196 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.9	59.9
71	45.0	36.9	55.3

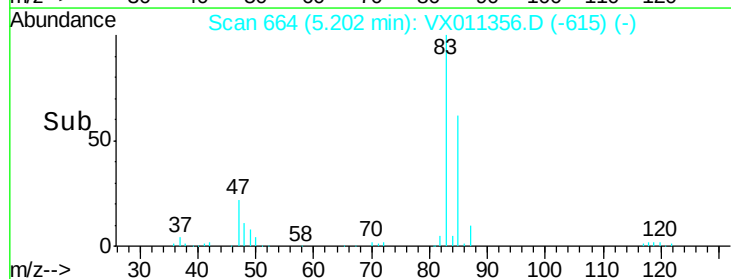
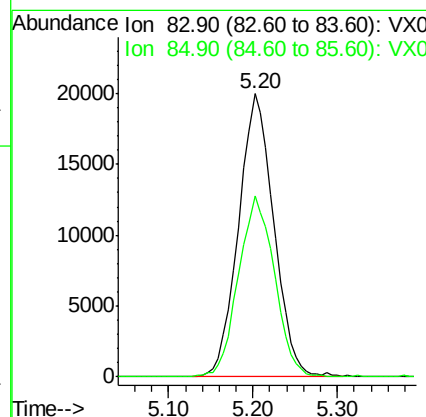
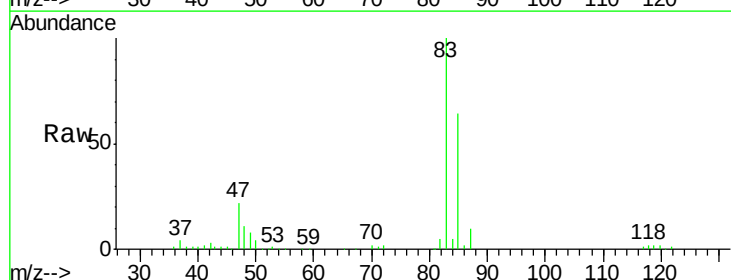
Manual Integrations
APPROVED

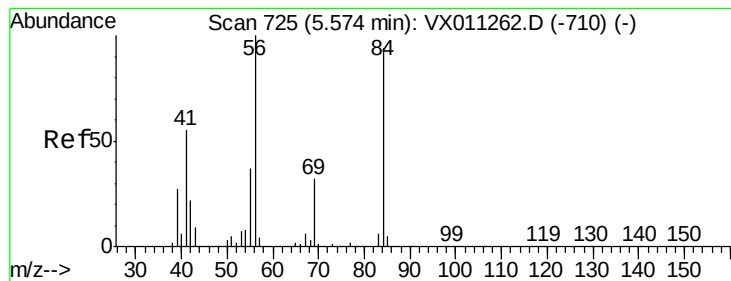
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#30
Chloroform
Concen: 19.311 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.4	80.0





#31

Cyclohexane

Concen: 18.759 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

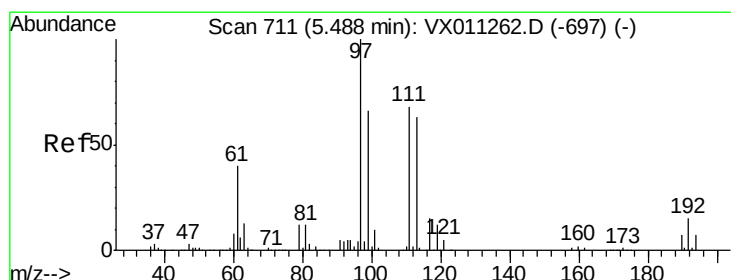
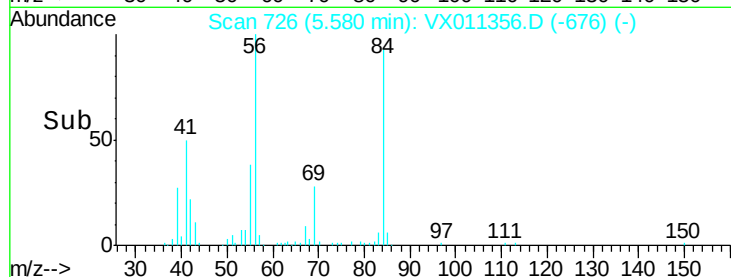
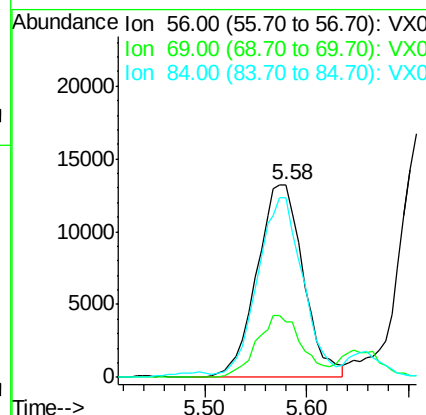
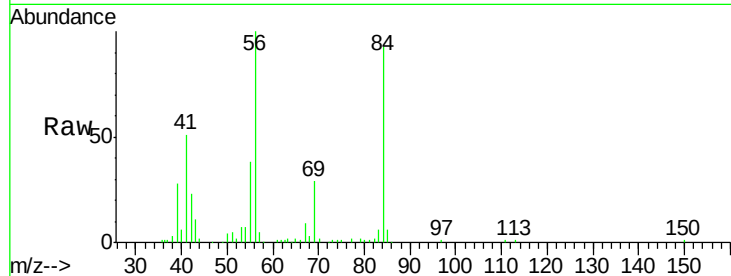
ClientSampleId :

VX0807WBS01

Tot Ion:	56	Resp:	41754
Ion	Ratio	Lower	Upper
56	100		
69	28.0	25.5	38.3
84	91.0	75.0	112.4

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#32

1,1,1-Trichloroethane

Concen: 19.420 ug/l

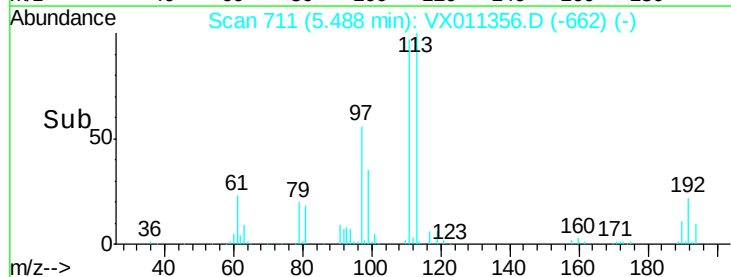
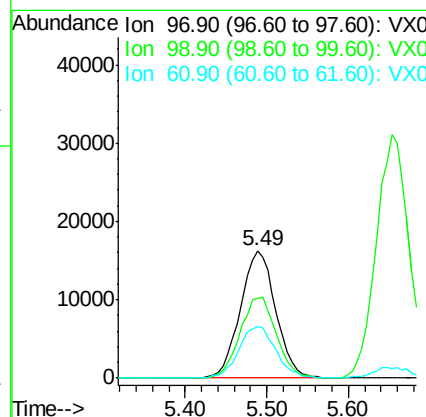
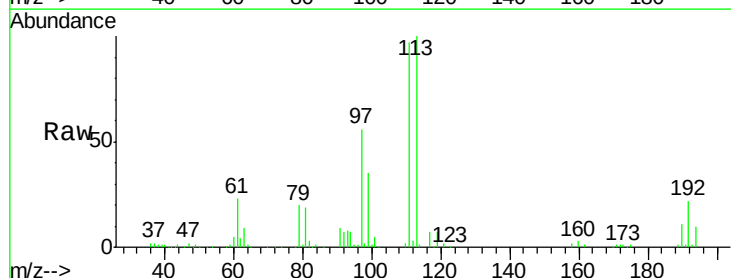
RT: 5.49 min Scan# 711

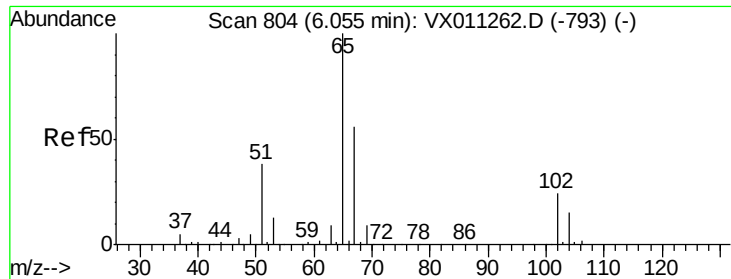
Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion:	97	Resp:	48781
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	42.8	32.3	48.5





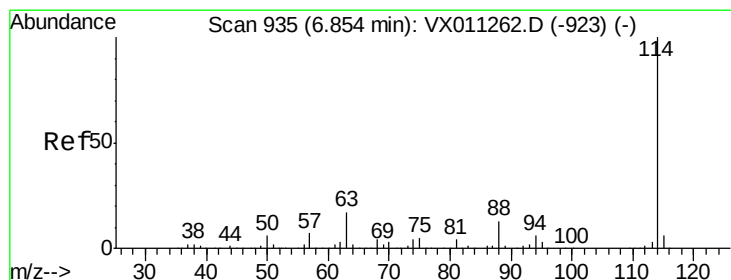
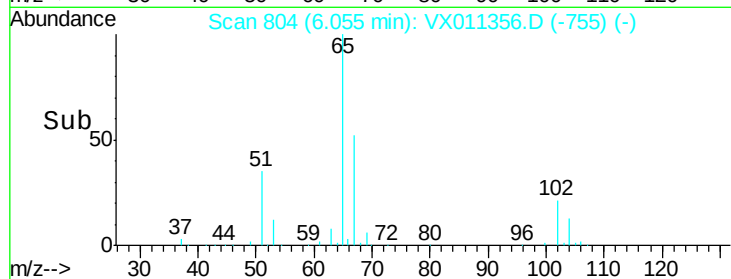
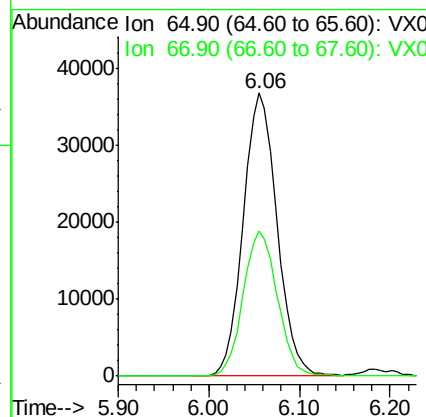
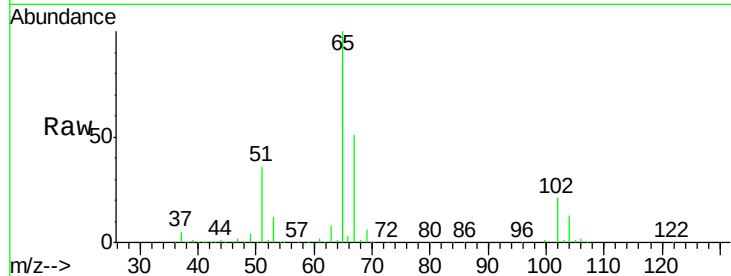
#33
 1,2-Dichloroethane-d4
 Concen: 54.988 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	95041		
67	52.1	0.0	110.6	

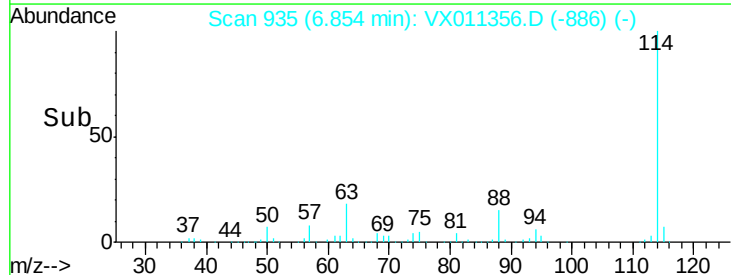
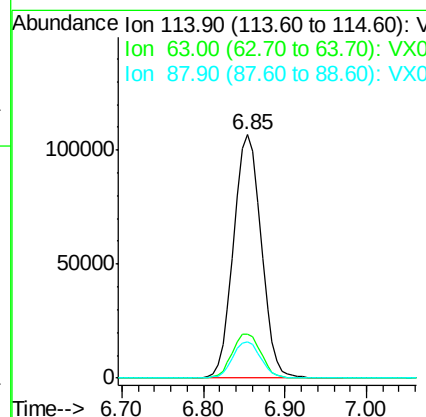
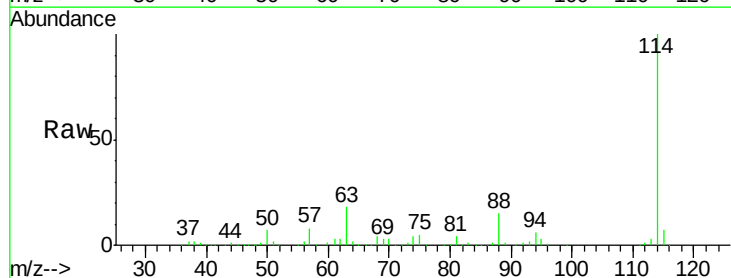
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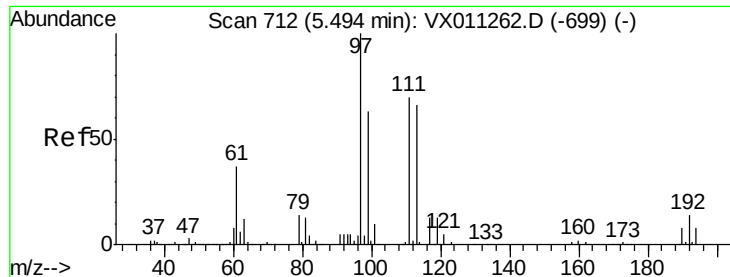
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	250935		
63	18.0	0.0	34.0	
88	15.0	0.0	26.4	





#35

Dibromofluoromethane

Concen: 50.100 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

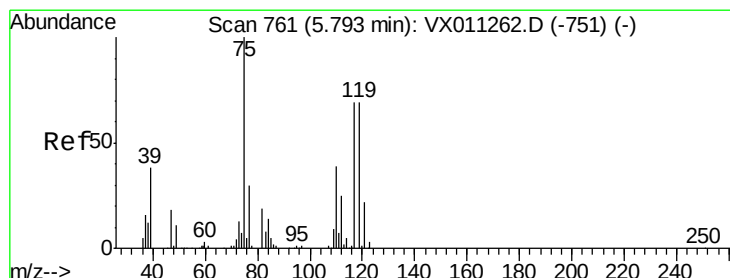
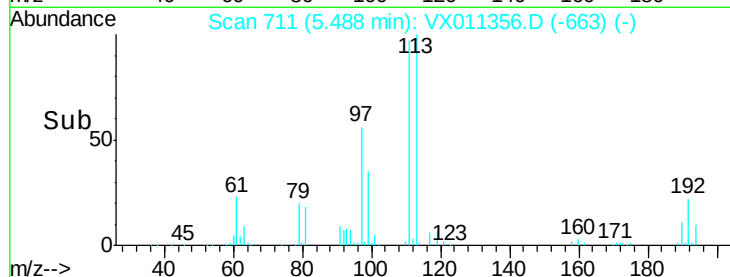
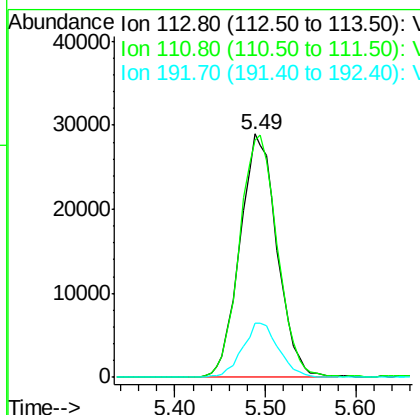
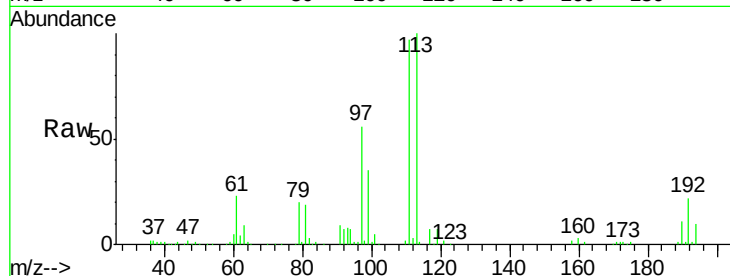
ClientSampleId :

VX0807WBS01

Tot Ion:	113	Resp:	82079
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	21.6	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 18.239 ug/l

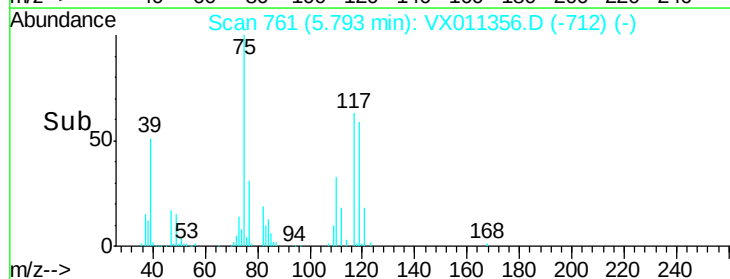
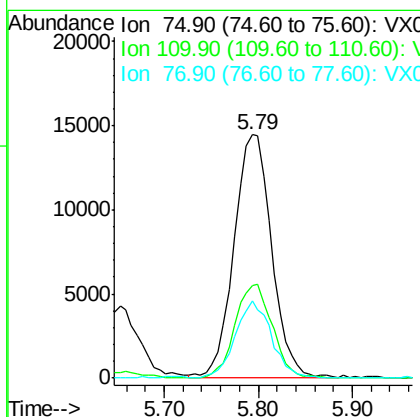
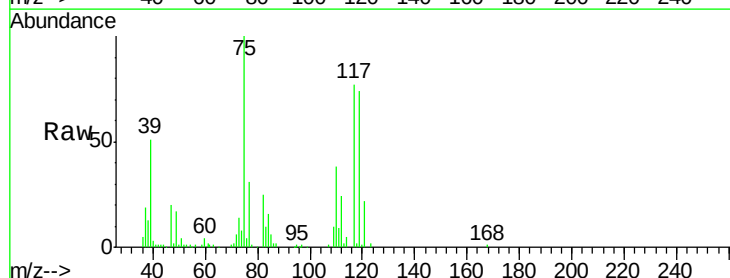
RT: 5.79 min Scan# 761

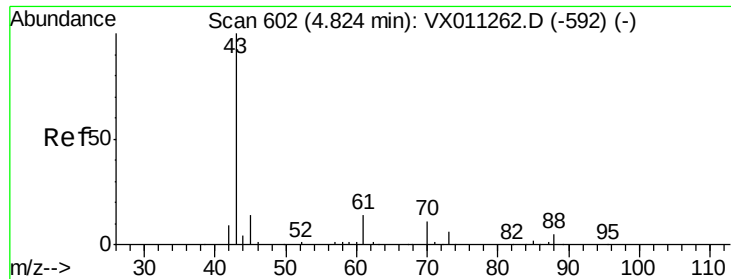
Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion:	75	Resp:	39959
Ion	Ratio	Lower	Upper
75	100		
110	38.5	20.0	59.9
77	30.9	24.8	37.2





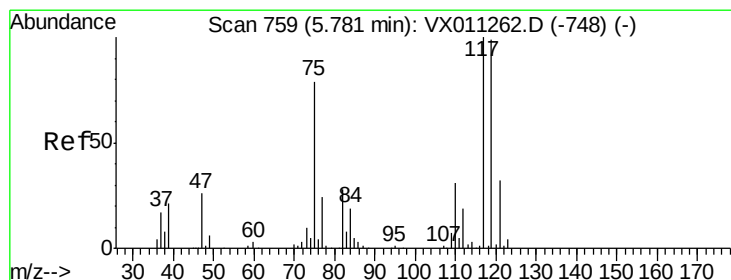
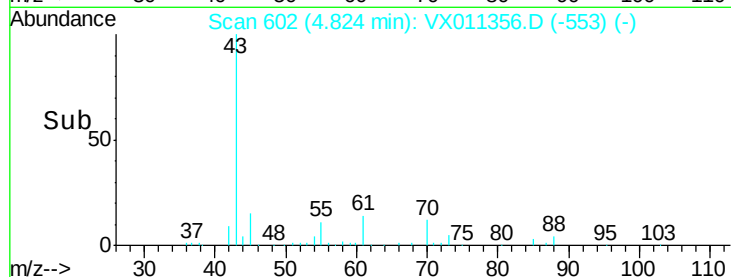
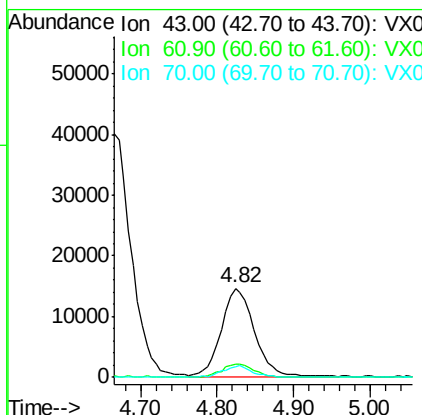
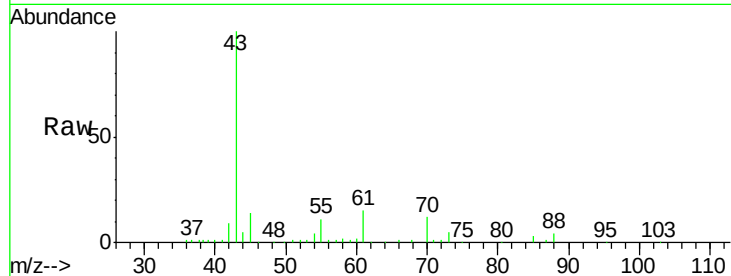
#37
Ethyl Acetate
Concen: 19.934 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion	43	Resp	43808
Ion Ratio	100	Lower	Upper
61	14.0	12.6	18.8
70	11.7	9.1	13.7

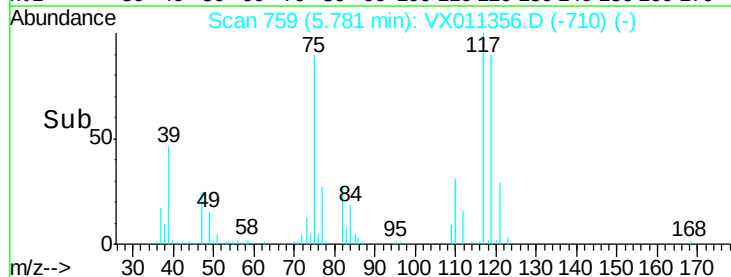
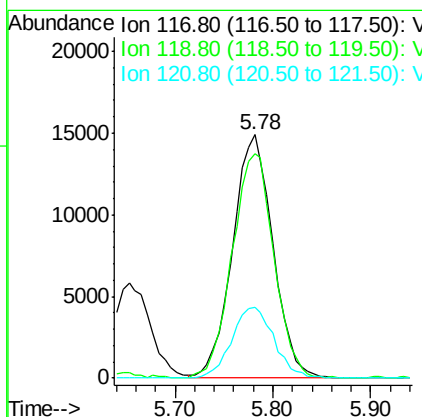
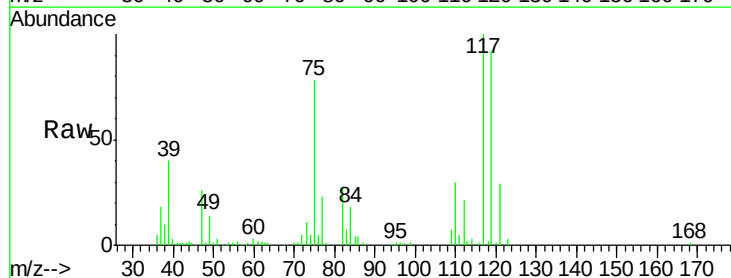
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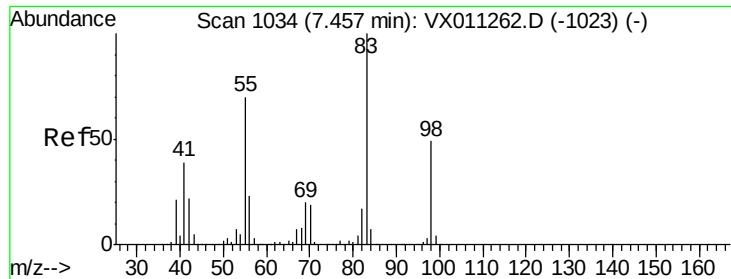
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#38
Carbon Tetrachloride
Concen: 19.333 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	117	Resp	42614
Ion Ratio	100	Lower	Upper
119	92.1	79.0	118.4
121	29.0	25.9	38.9





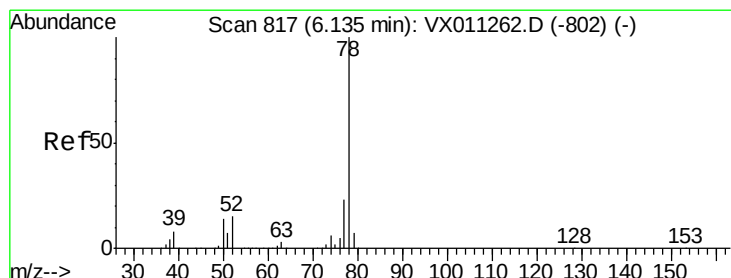
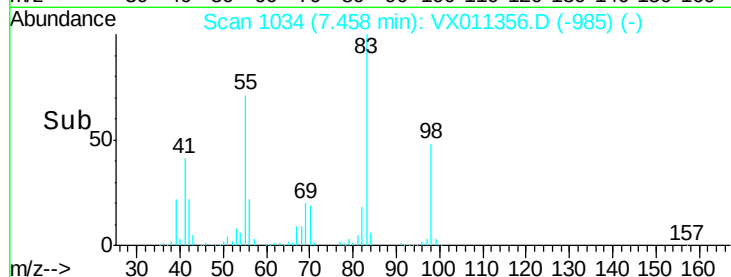
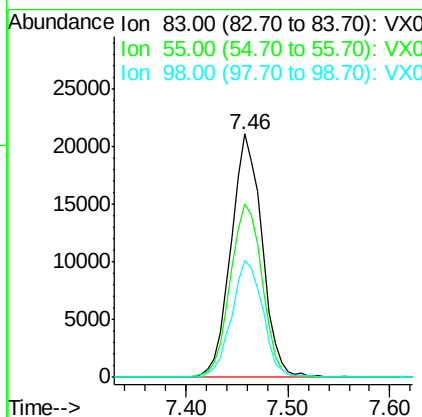
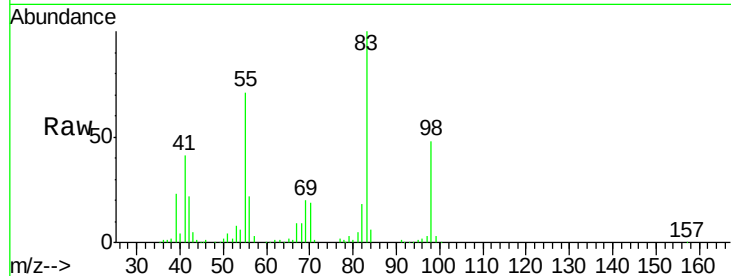
#39
Methylvlcyclohexane
Concen: 17.083 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion	83	Resp	44363
Ion	Ratio	Lower	Upper
83	100		
55	70.7	56.1	84.1
98	47.8	39.0	58.4

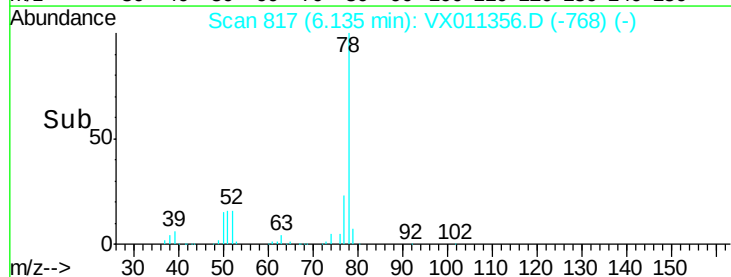
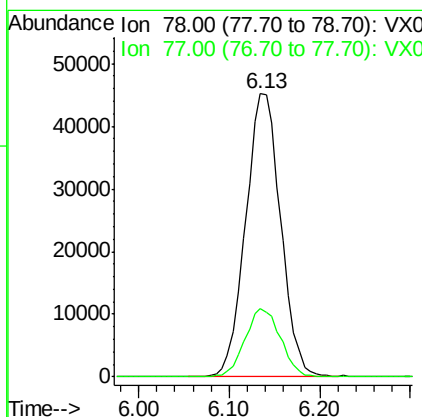
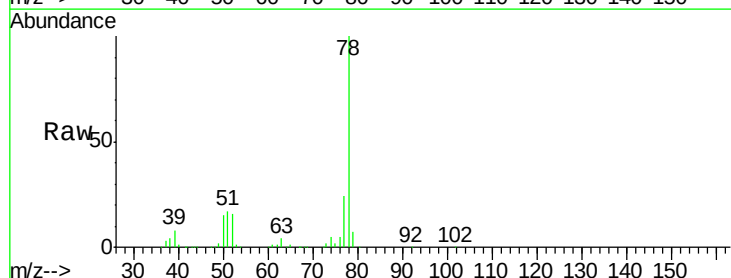
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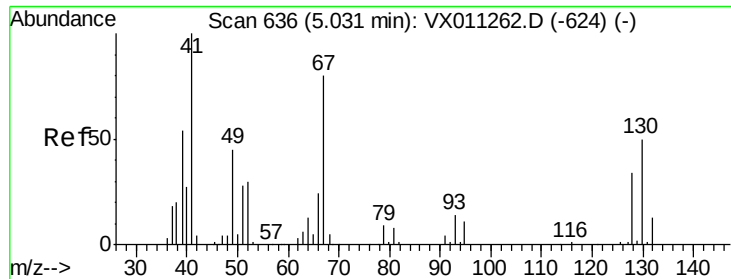
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#40
Benzene
Concen: 18.510 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	78	Resp	121013
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2





#41

Methacrylonitrile

Concen: 18.982 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

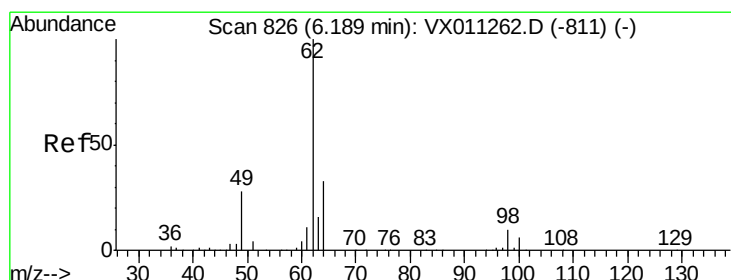
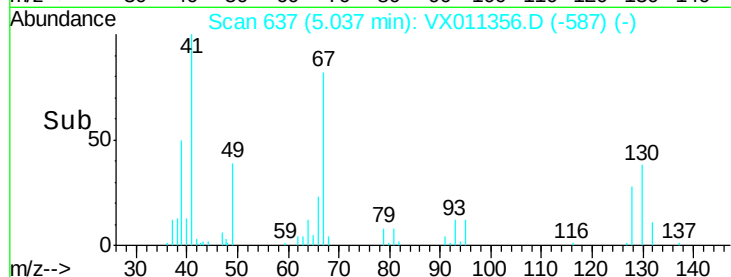
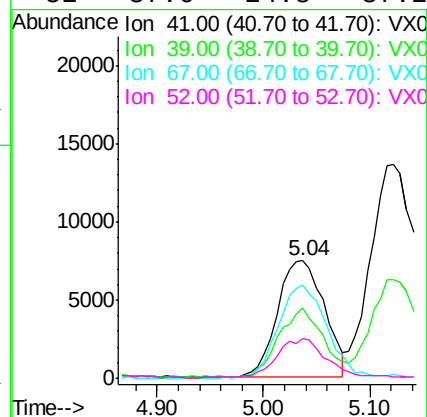
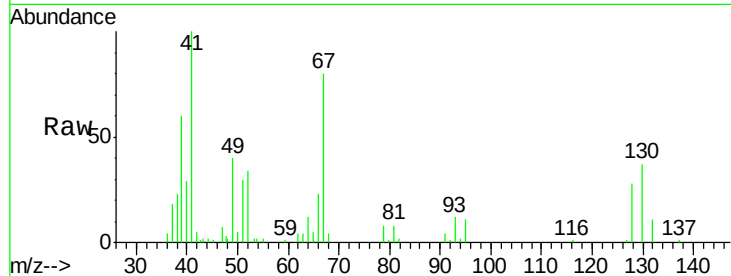
ClientSampled :

VX0807WBS01

Tot Ion	Ion	Ratio	Lower	Upper
22782	41	100		
	39	56.3	43.0	64.6
	67	82.8	65.1	97.7
	52	37.6	24.8	37.2#

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#42

1,2-Dichloroethane

Concen: 19.992 ug/l

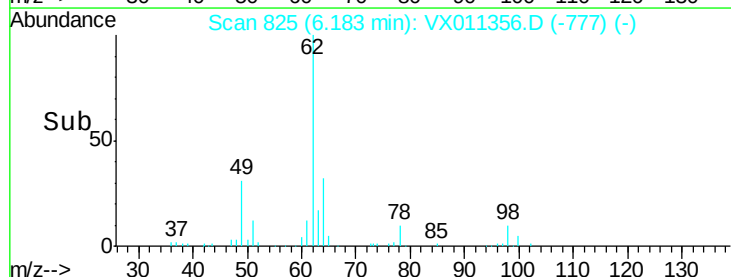
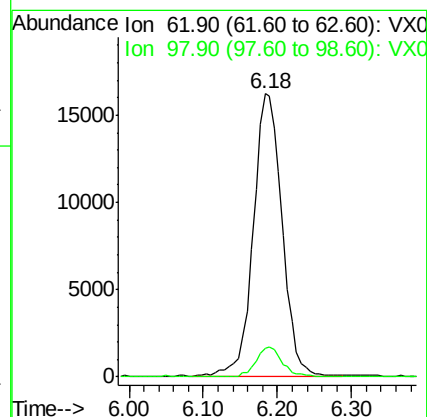
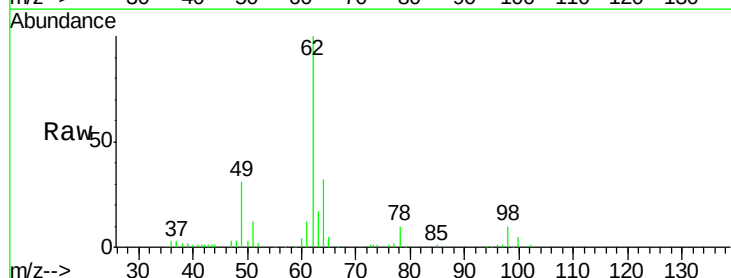
RT: 6.18 min Scan# 825

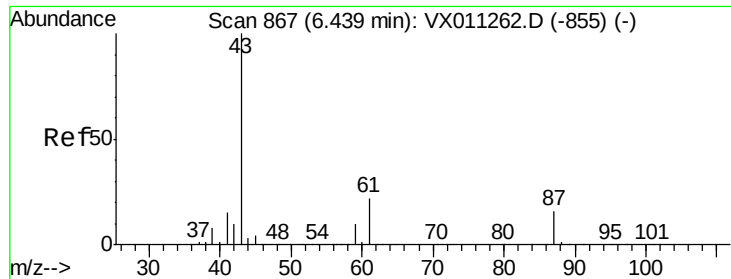
Delta R.T. -0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
44197	62	100		
	98	9.7	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.434 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

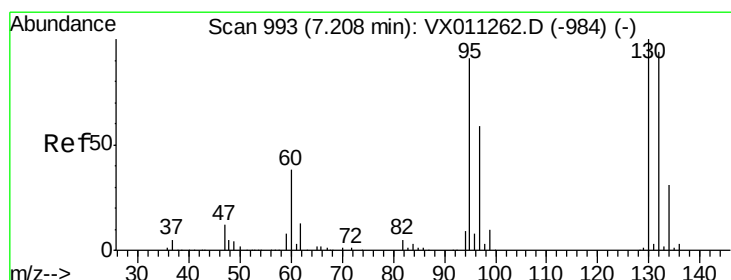
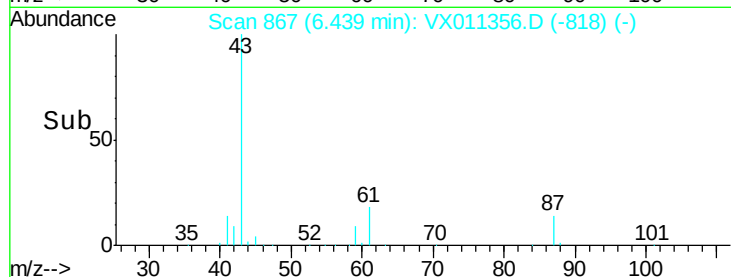
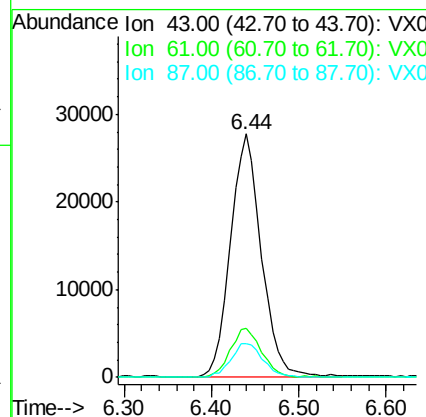
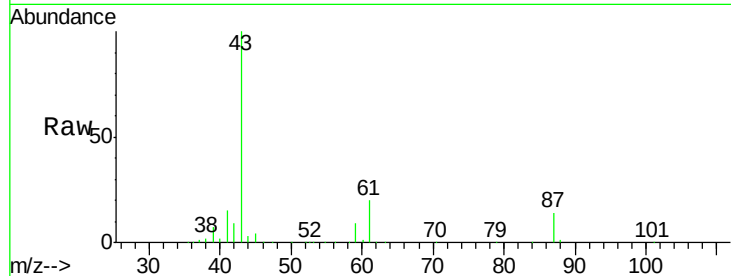
ClientSampled :

VX0807WBS01

Tot Ion:	43	Resp:	68280
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.5	24.7
87	14.5	12.1	18.1

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#44

Trichloroethene

Concen: 17.688 ug/l

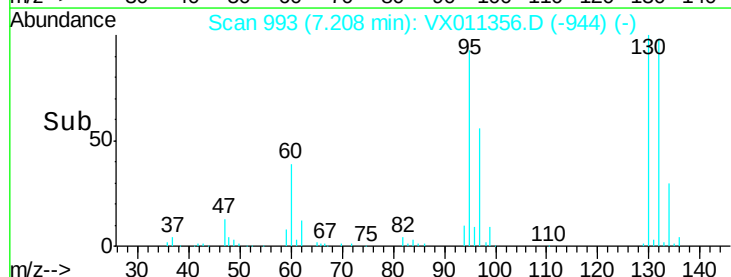
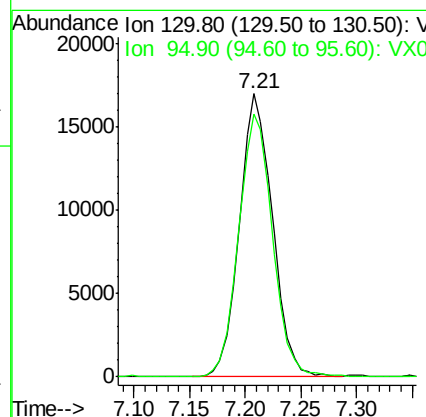
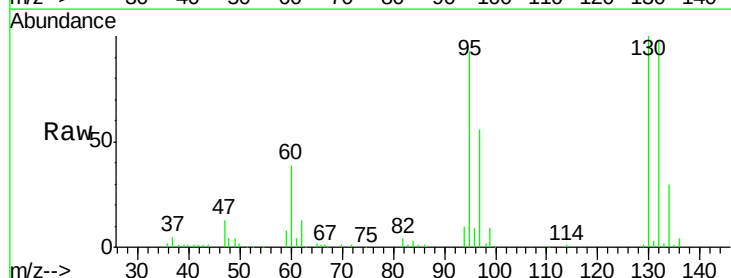
RT: 7.21 min Scan# 993

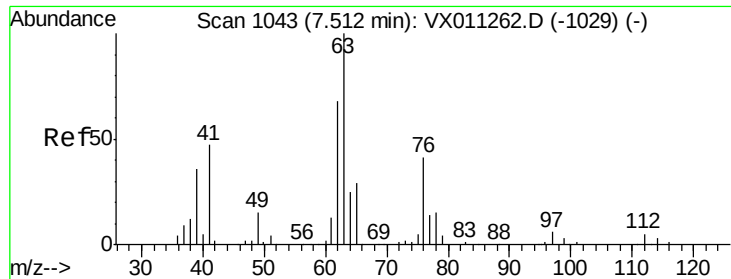
Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion:	130	Resp:	35003
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	182.6





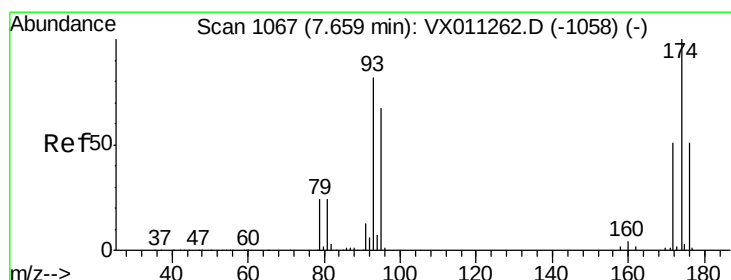
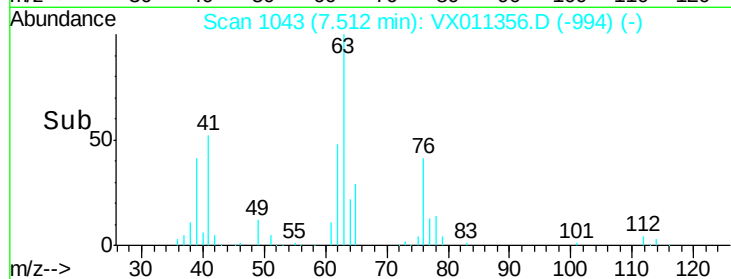
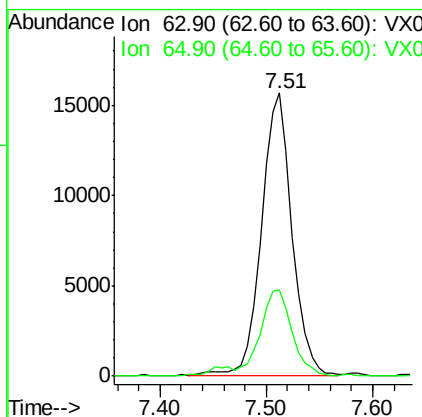
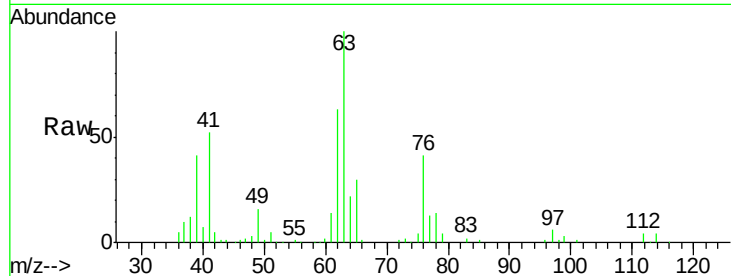
#45
 1,2-Dichloropropane
 Concen: 18.604 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS01

Tot Ion: 63 Resp: 31499
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.3 34.9

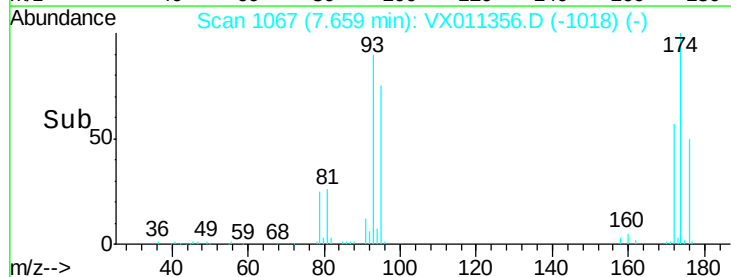
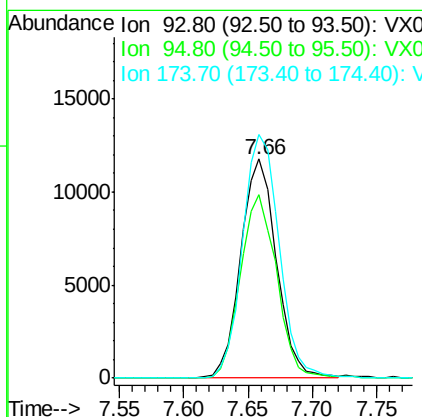
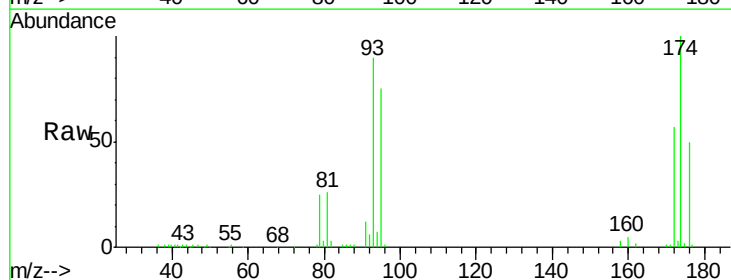
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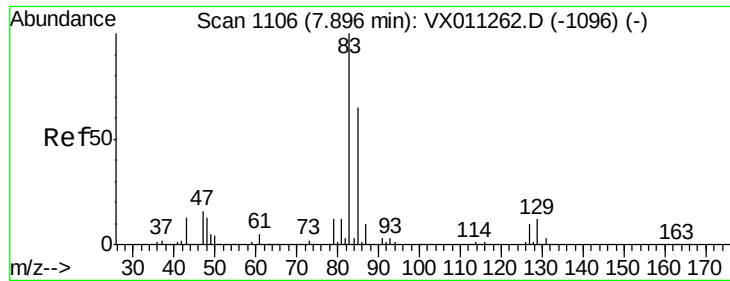
MMDadoda
 8/8/2019 10:57:06 AM



#46
 Dibromomethane
 Concen: 18.342 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion: 93 Resp: 22671
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.4 99.6
 174 113.4 93.4 140.2





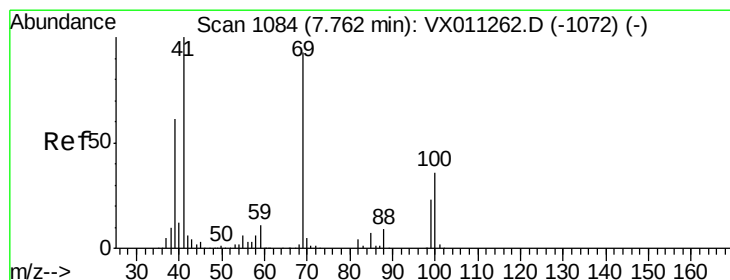
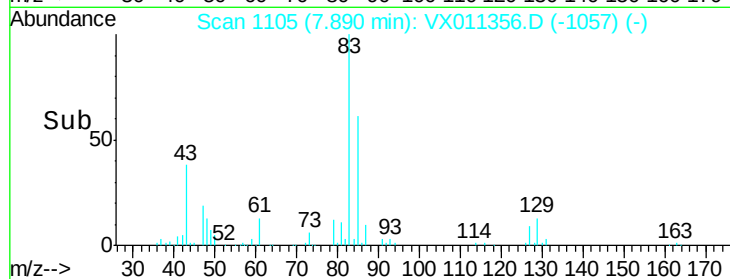
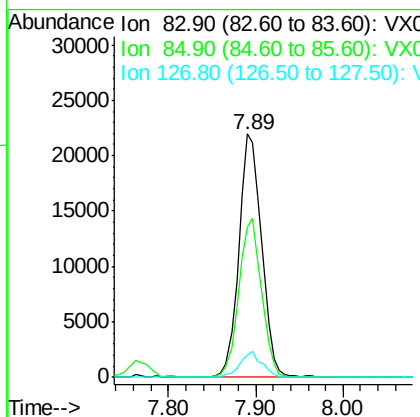
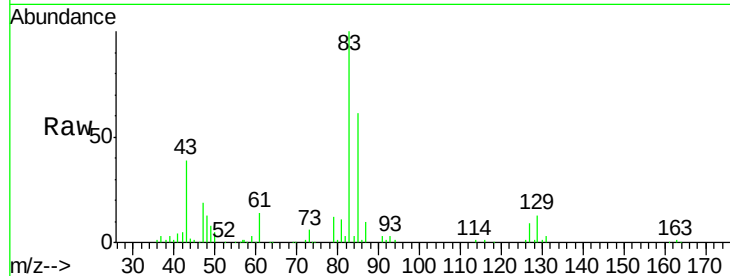
#47
 Bromodichloromethane
 Concen: 18.969 ug/l
 RT: 7.89 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Tot Ion	83	Resp	39696
Ion Ratio	100	Lower	Upper
83	100		
85	61.4	52.2	78.2
127	9.2	7.8	11.8

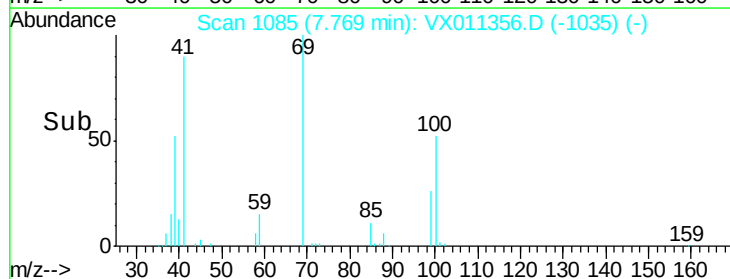
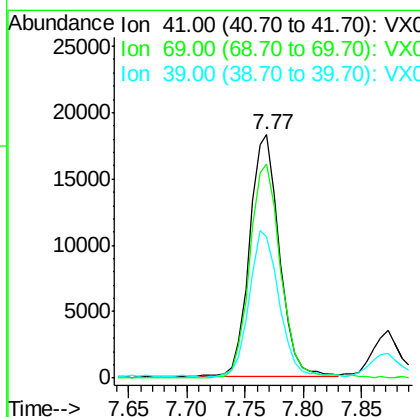
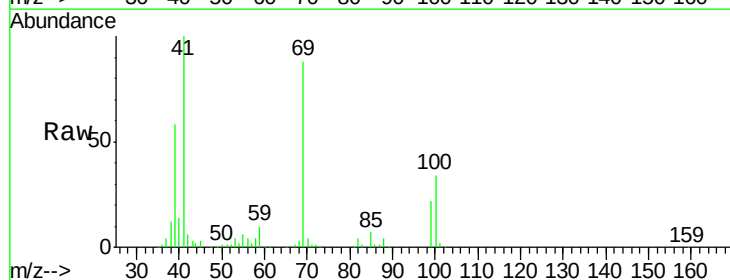
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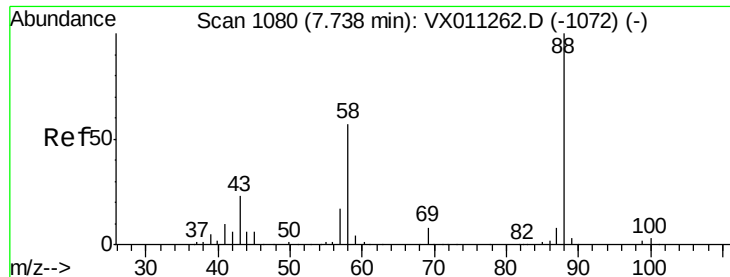
MMDadoda
 8/8/2019 10:57:06 AM



#48
 Methyl methacrylate
 Concen: 19.858 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion	41	Resp	32835
Ion Ratio	100	Lower	Upper
41	100		
69	91.6	74.5	111.7
39	60.6	48.6	72.8





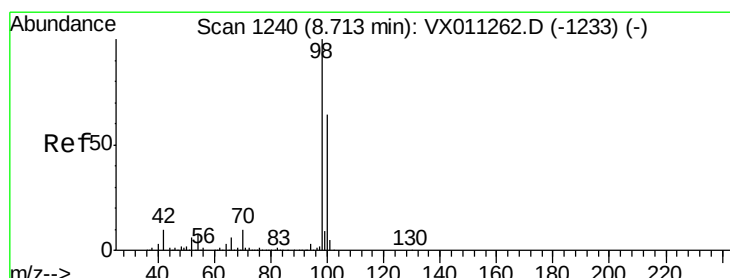
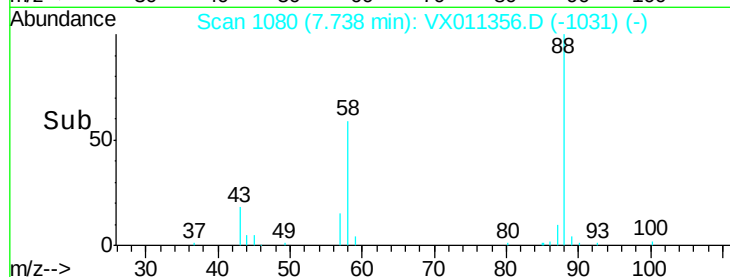
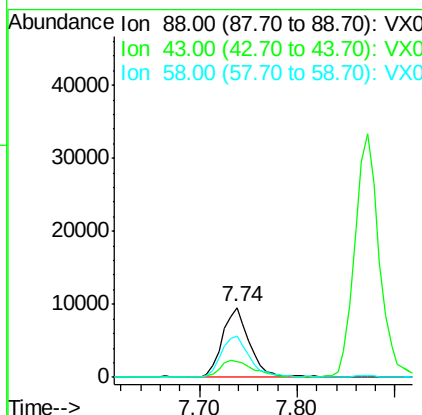
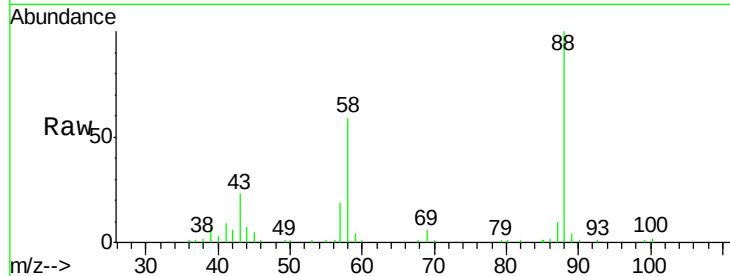
#49
1,4-Dioxane
Concen: 385.447 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	22.2	33.2
58	63.1	47.8	71.8

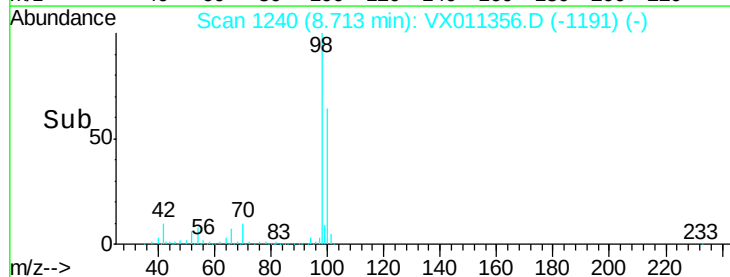
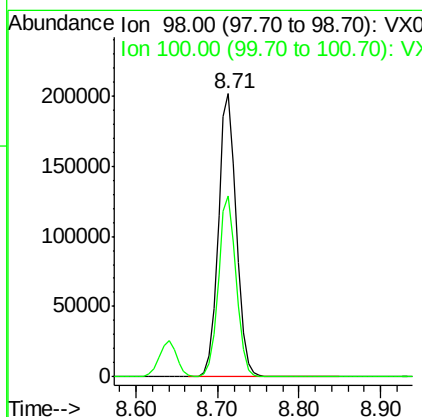
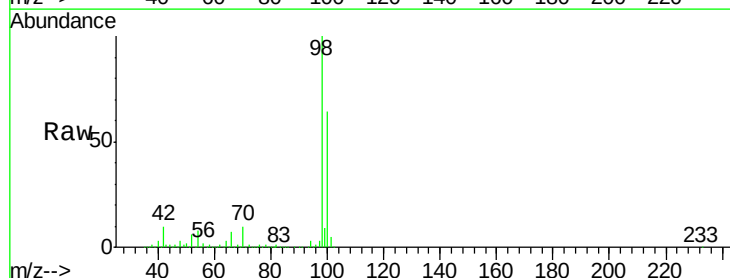
Manual Integrations
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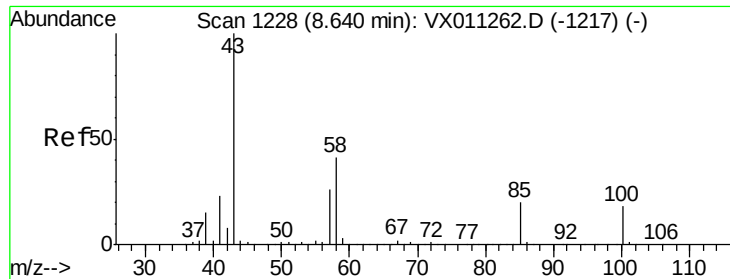
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#50
Toluene-d8
Concen: 50.229 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 100.510 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS01

Tot Ion: 43 Resp: 227906

Ion Ratio Lower Upper

43 100

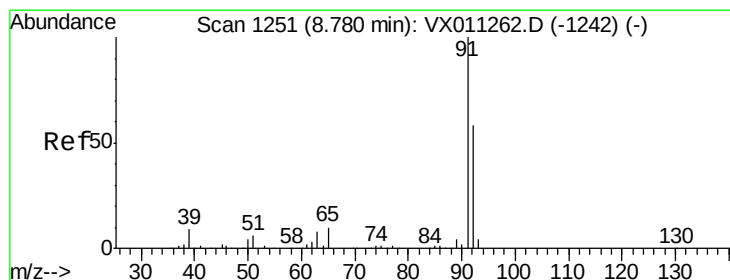
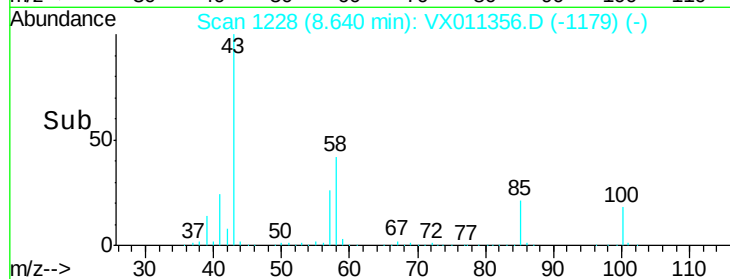
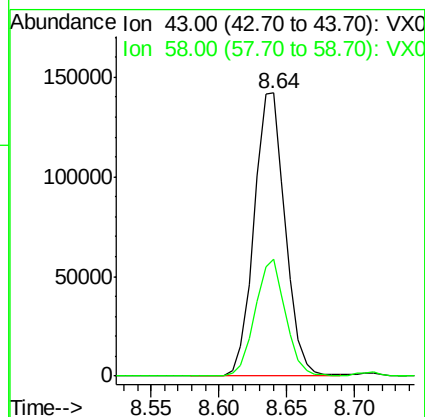
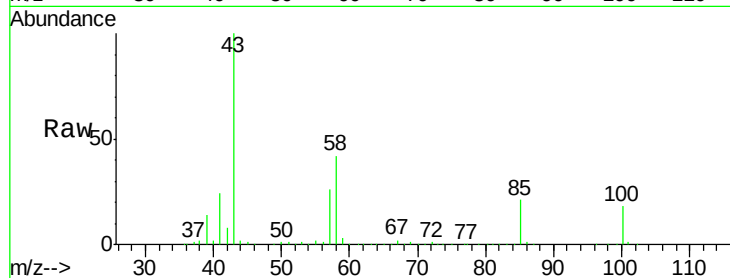
58 40.3 32.3 48.5

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 18.619 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011356.D

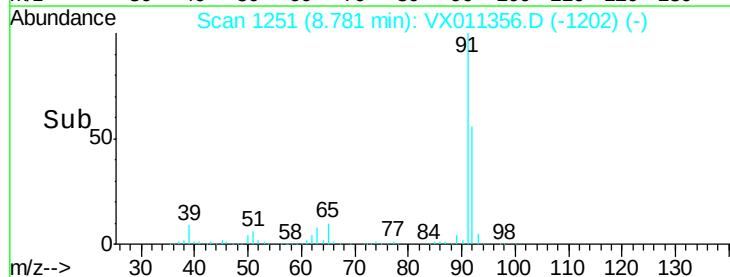
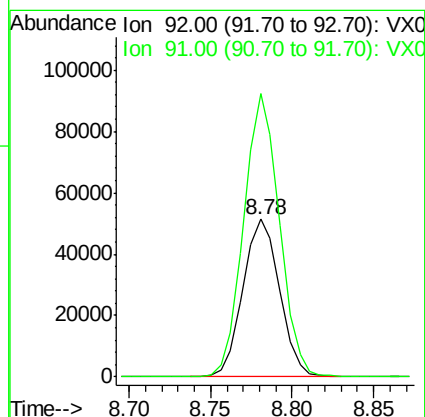
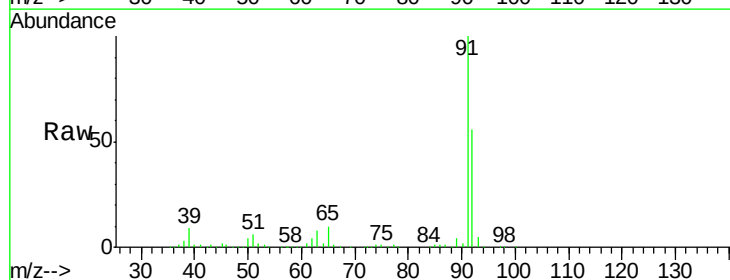
Acq: 07 Aug 2019 12:18

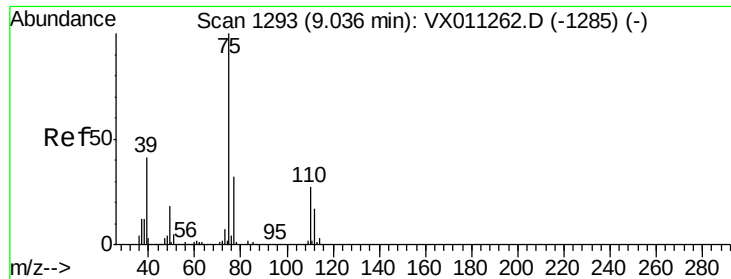
Tgt Ion: 92 Resp: 80484

Ion Ratio Lower Upper

92 100

91 175.7 139.4 209.0





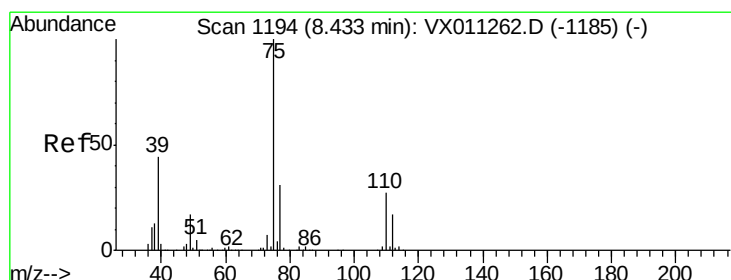
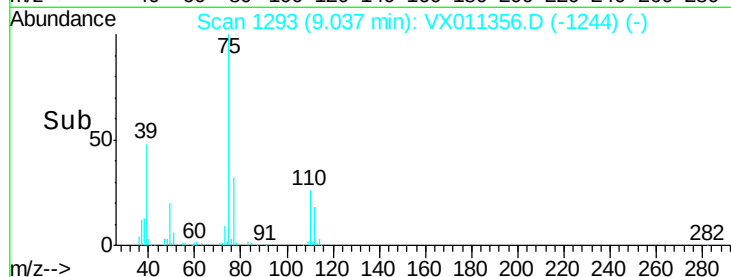
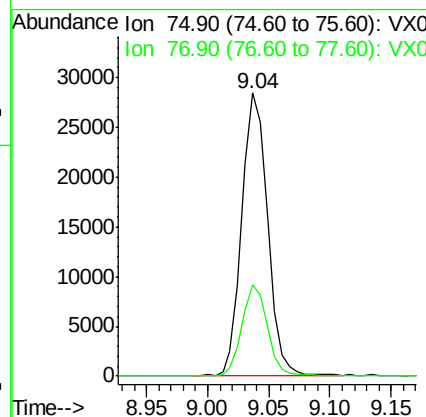
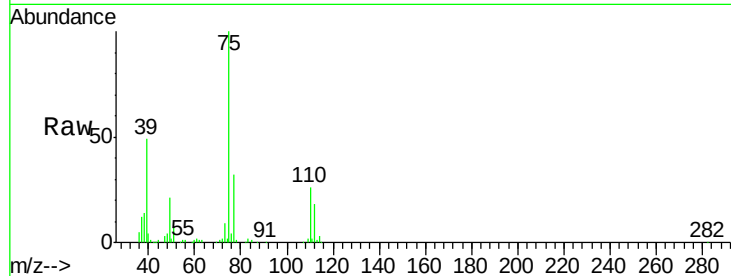
#53
t-1,3-Dichloropropene
Concen: 18.986 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0

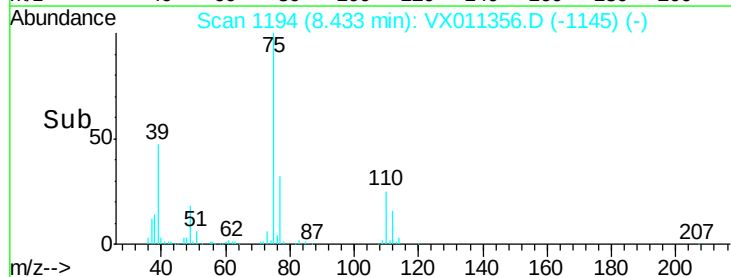
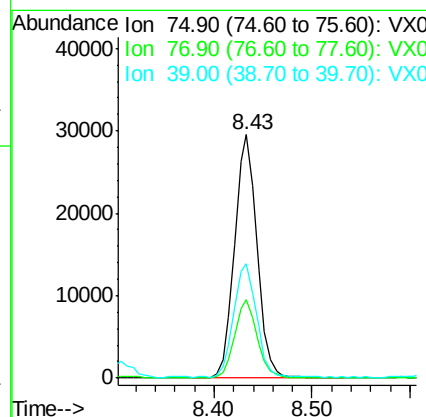
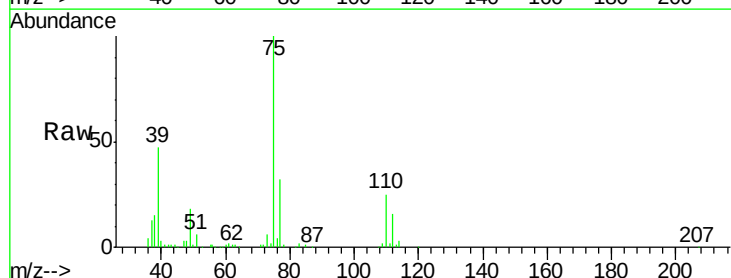
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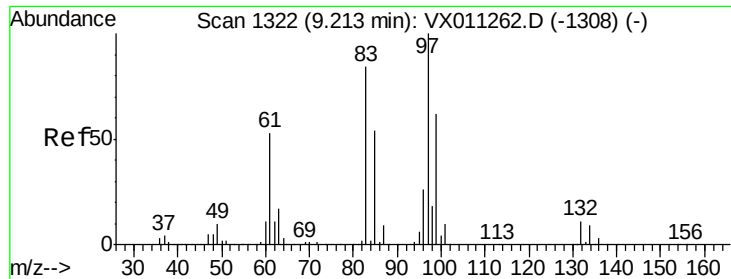
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#54
cis-1,3-Dichloropropene
Concen: 19.264 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.0	37.6
39	46.4	35.3	52.9





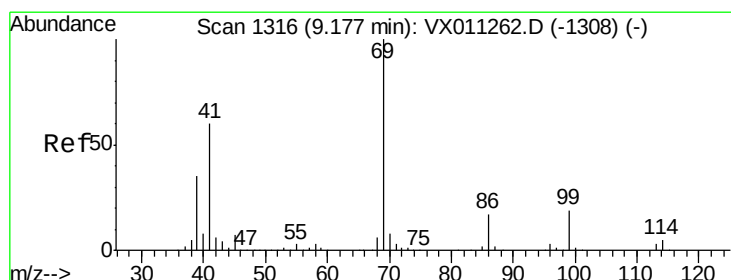
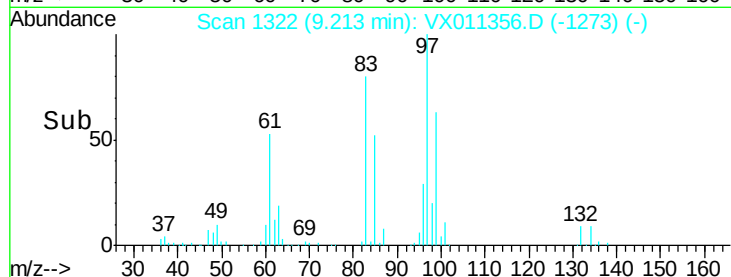
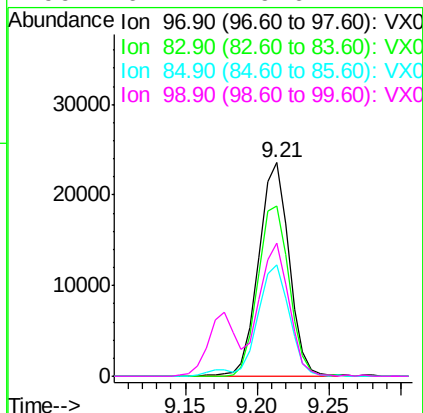
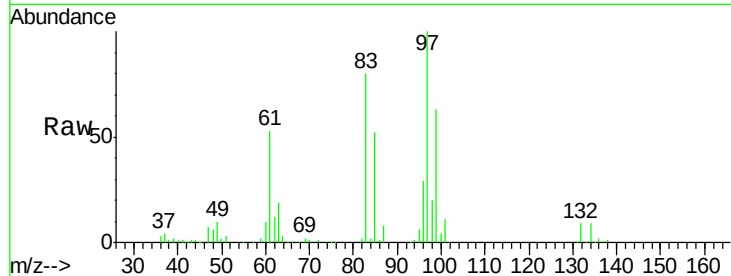
#55
 1,1,2-Trichloroethane
 Concen: 19.312 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Tot Ion:	97	Resp:	34323
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.6	101.4
85	51.9	43.4	65.0
99	62.2	49.6	74.4

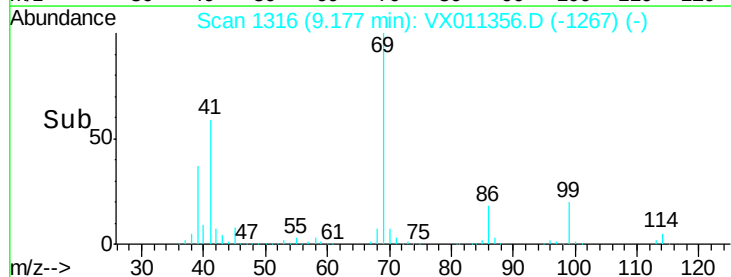
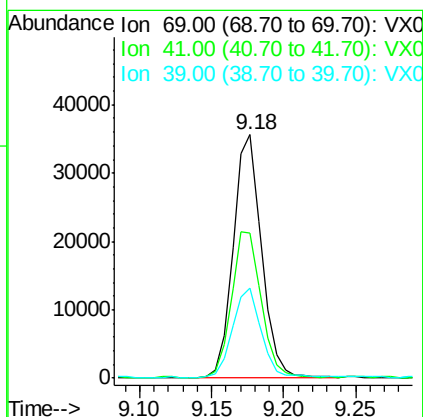
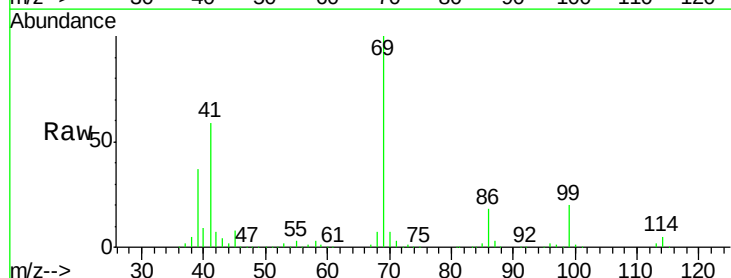
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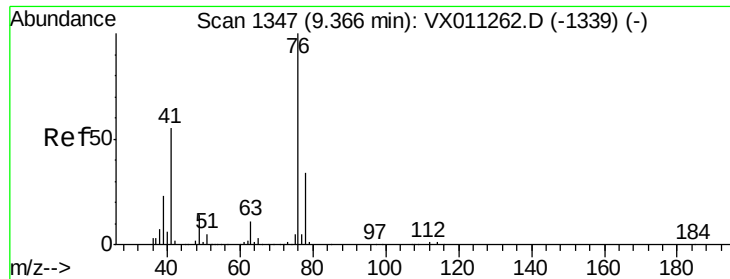
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#56
 Ethyl methacrylate
 Concen: 19.377 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion:	69	Resp:	49077
Ion	Ratio	Lower	Upper
69	100		
41	62.9	48.6	73.0
39	36.9	29.4	44.2





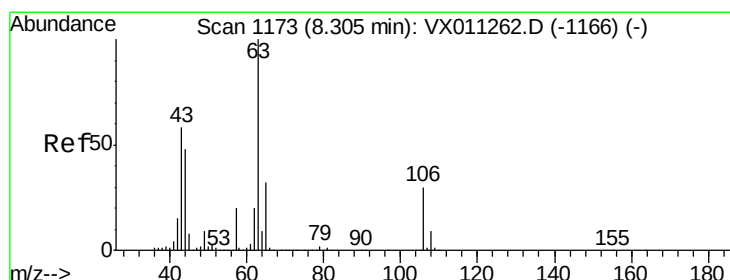
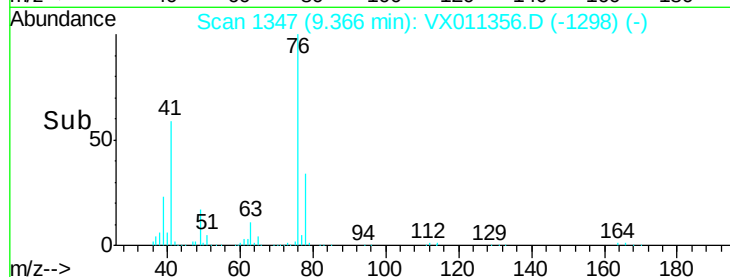
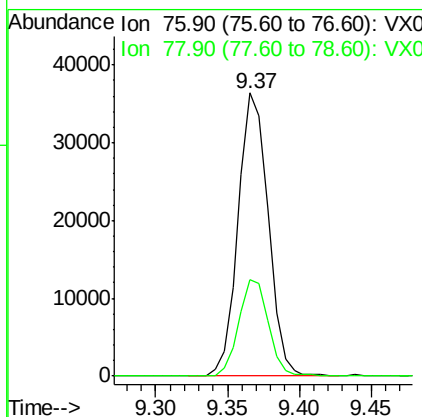
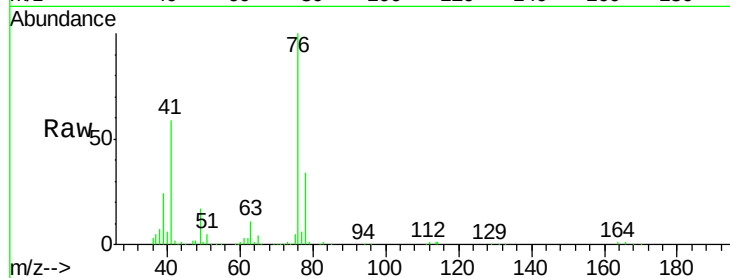
#57
 1,3-Dichloropropane
 Concen: 18.839 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.6	26.6	40.0

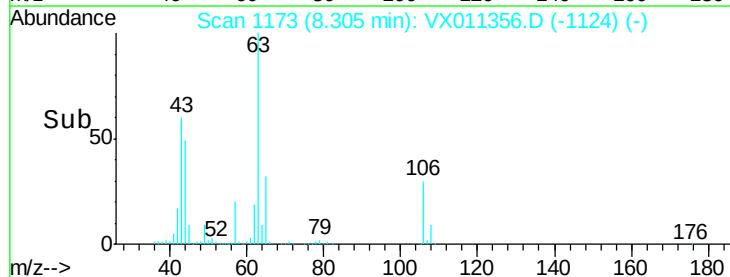
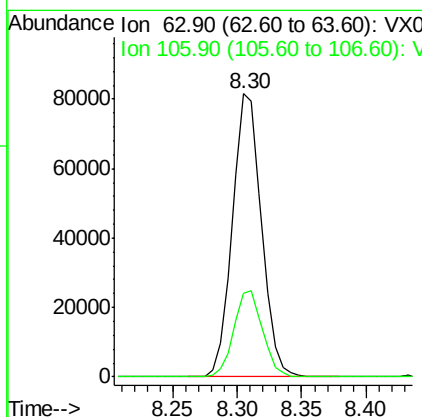
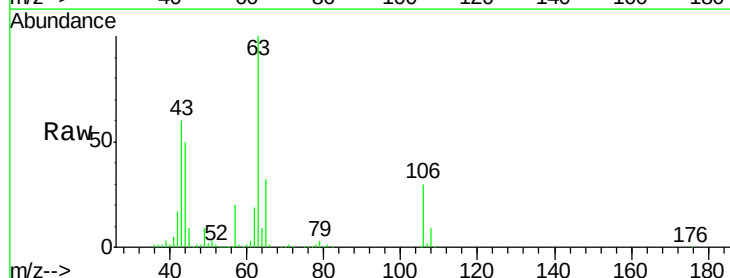
Manual Integrations
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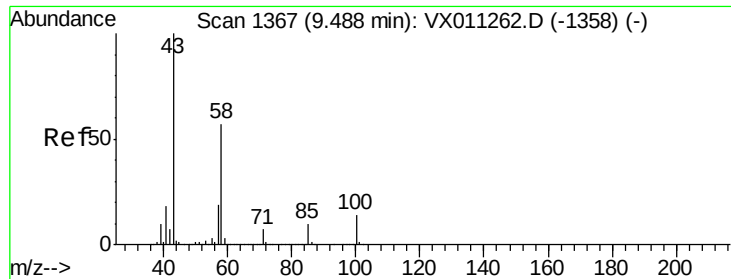
MMDadoda
 8/8/2019 10:57:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.180 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	24.4	36.6





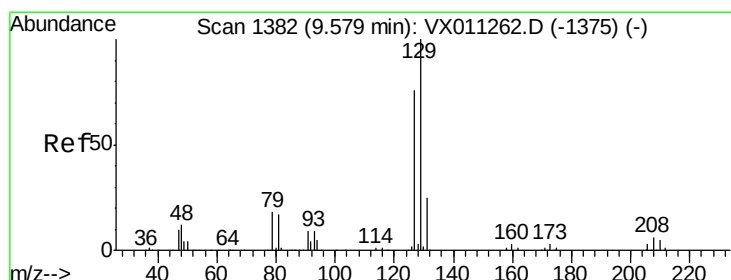
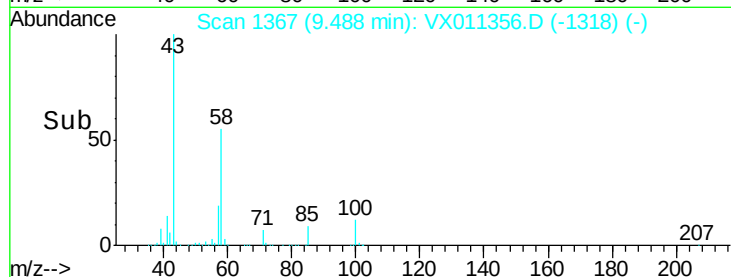
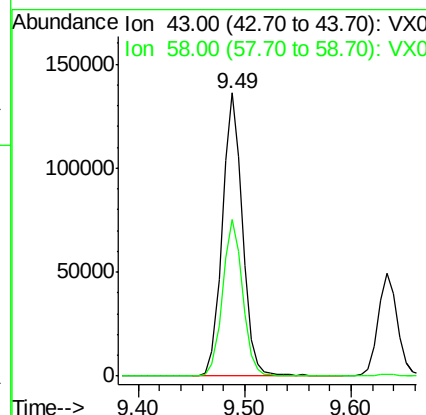
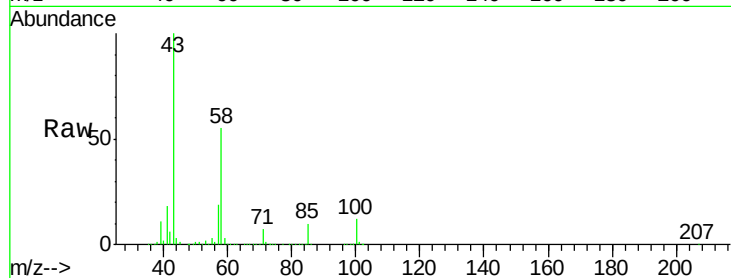
#59
2-Hexanone
Concen: 102.454 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion: 43 Resp: 179941
Ion Ratio Lower Upper
43 100
58 54.9 28.2 84.6

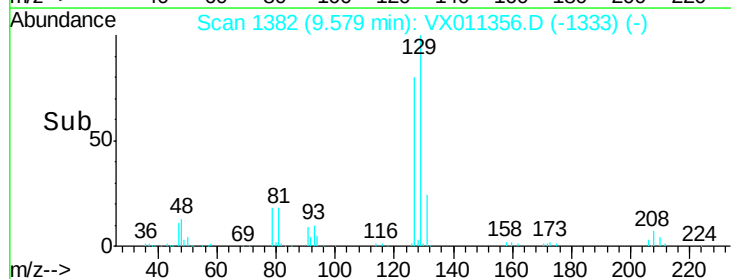
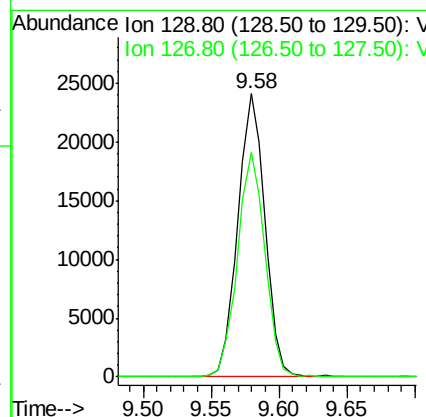
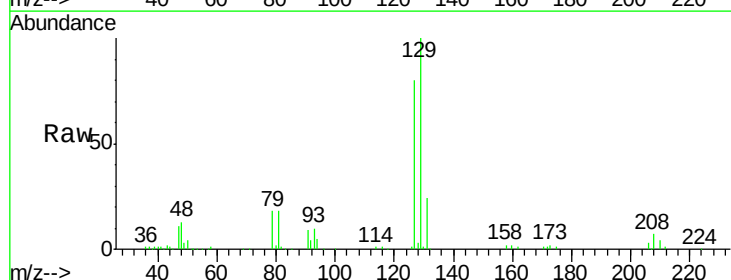
Manual Integrations
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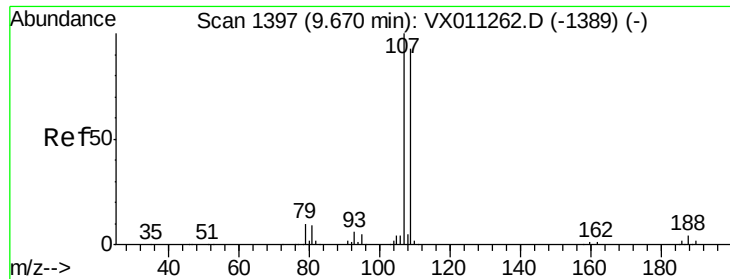
MMDadoda
8/8/2019 10:57:06 AM



#60
Dibromochloromethane
Concen: 18.425 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion: 129 Resp: 33525
Ion Ratio Lower Upper
129 100
127 80.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.298 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS01

Tot Ion:107 Resp: 35135

Ion Ratio Lower Upper

107 100

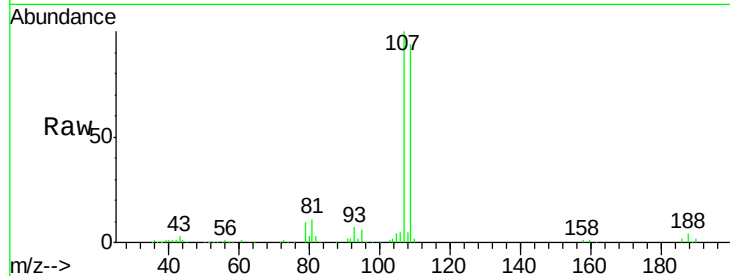
109 97.0 76.6 114.8

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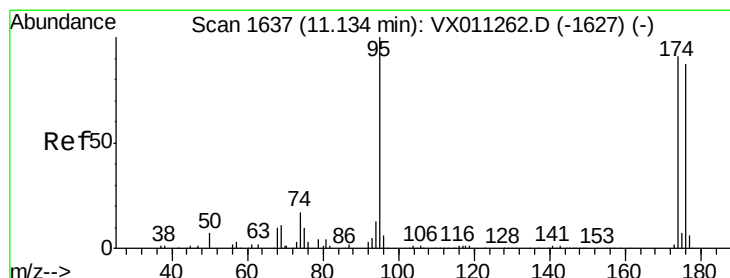
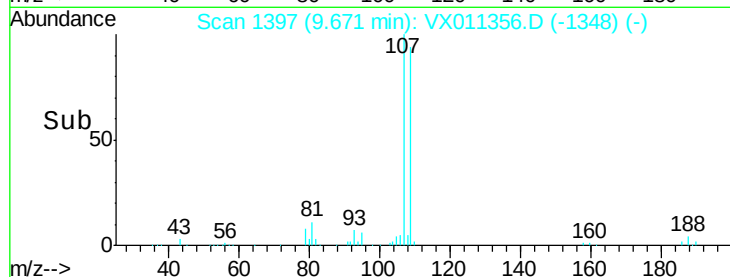
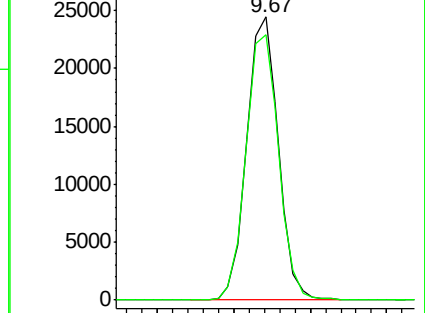
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

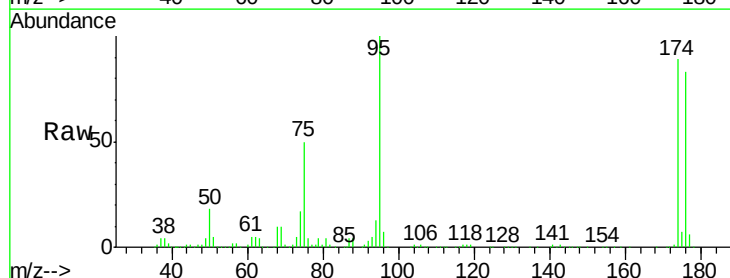
Tgt Ion: 95 Resp: 112538

Ion Ratio Lower Upper

95 100

174 91.1 0.0 191.2

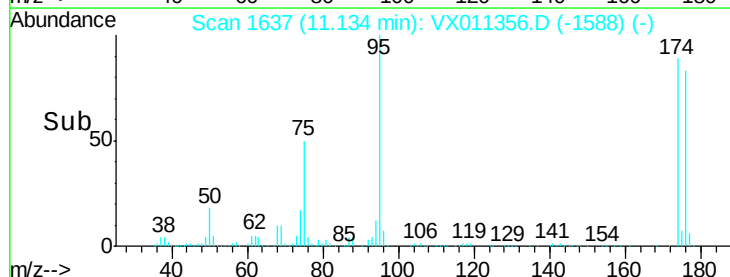
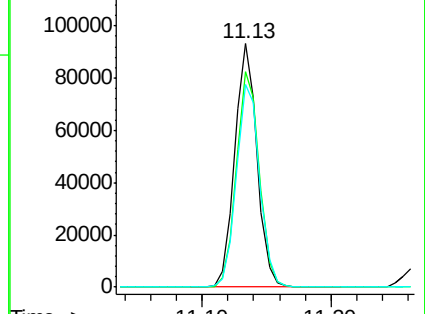
176 86.8 0.0 184.8

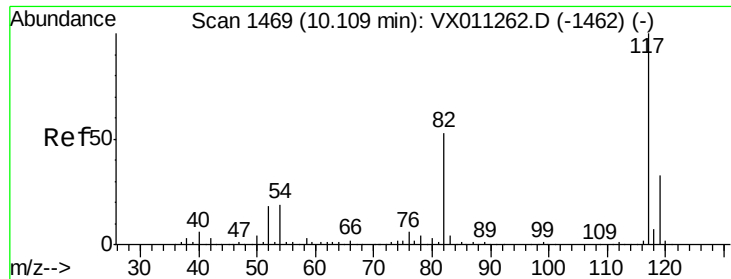


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





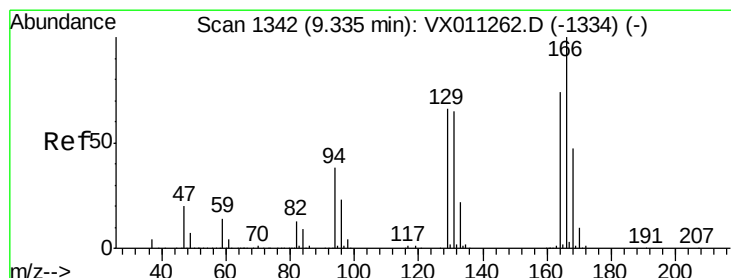
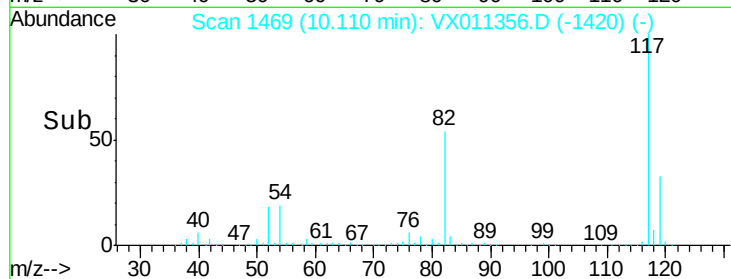
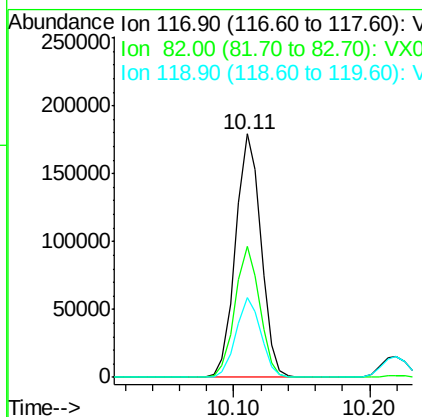
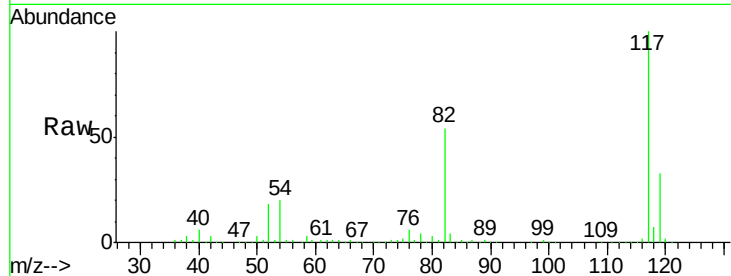
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.2
119	32.9	26.6	39.8

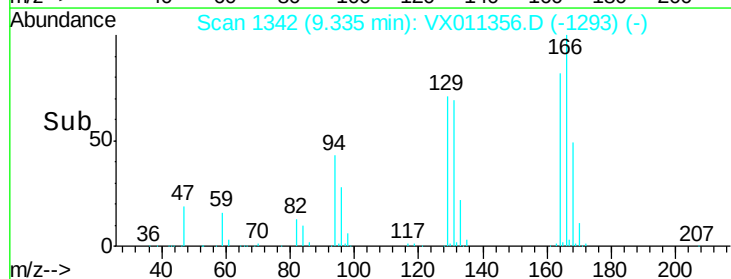
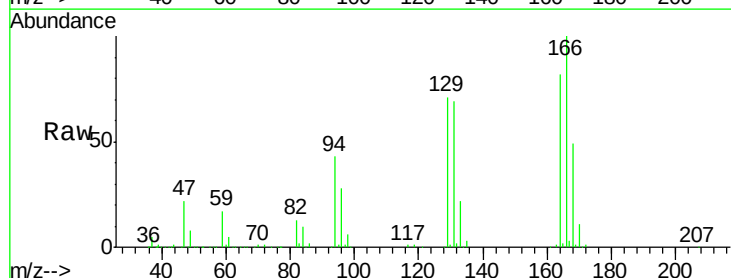
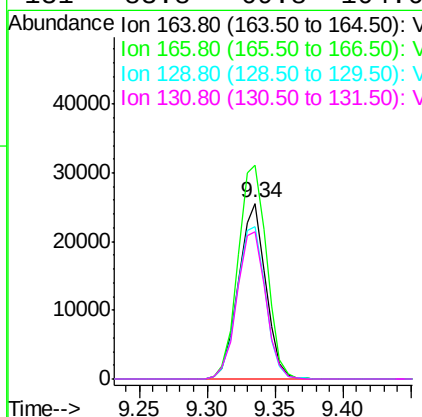
Manual Integrations
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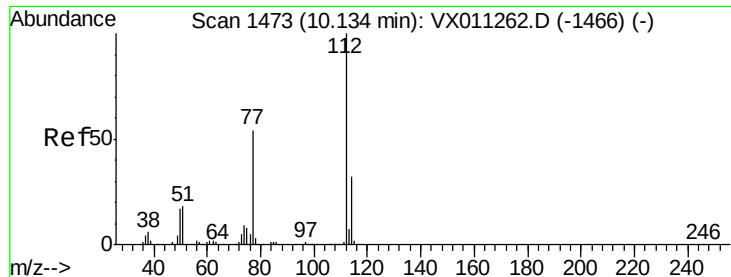
MMDadoda
8/8/2019 10:57:06 AM



#64
Tetrachloroethene
Concen: 17.947 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.7	107.5	161.3
129	86.7	71.0	106.4
131	83.8	69.8	104.6





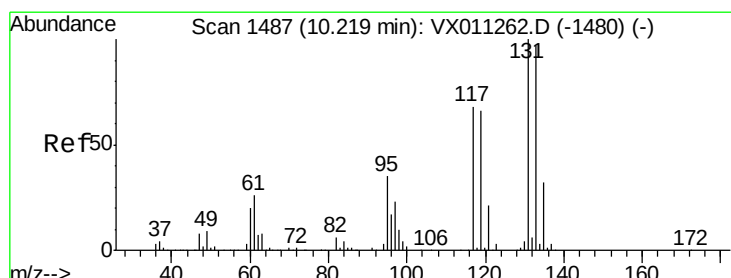
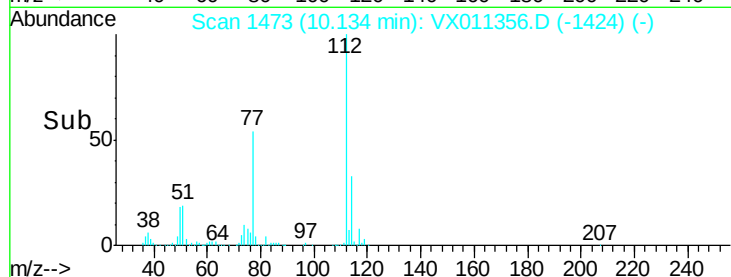
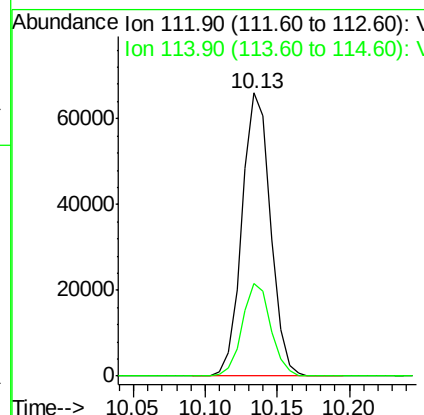
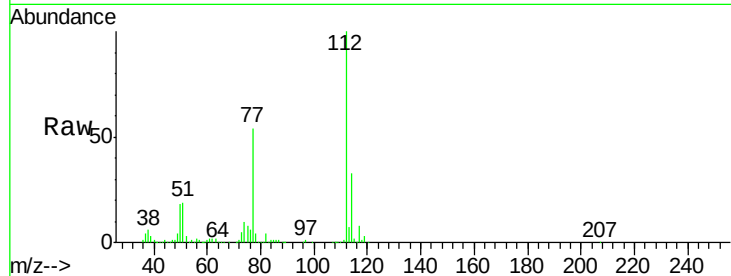
#65
Chlorobenzene
Concen: 18.139 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.9	38.9

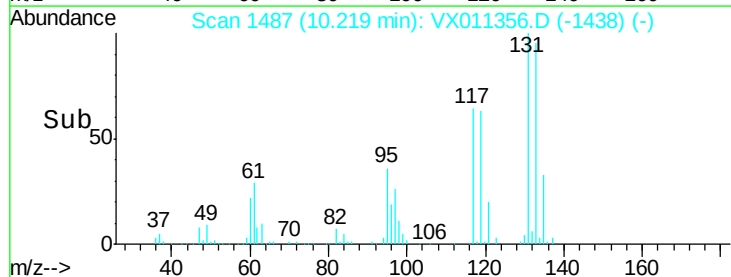
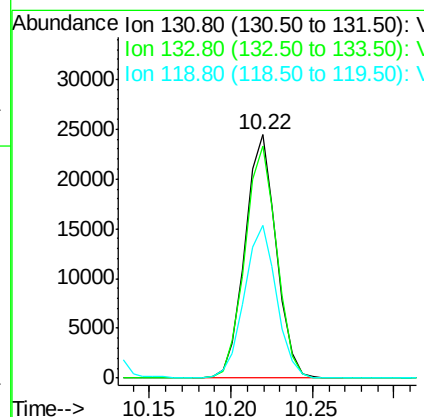
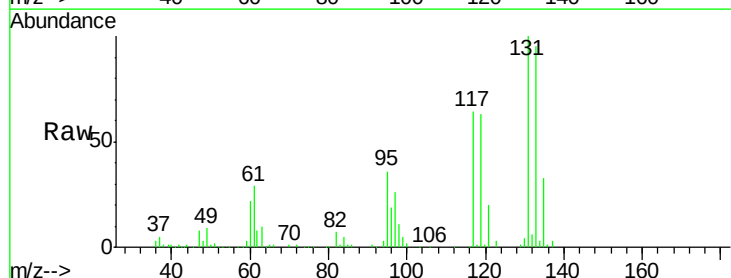
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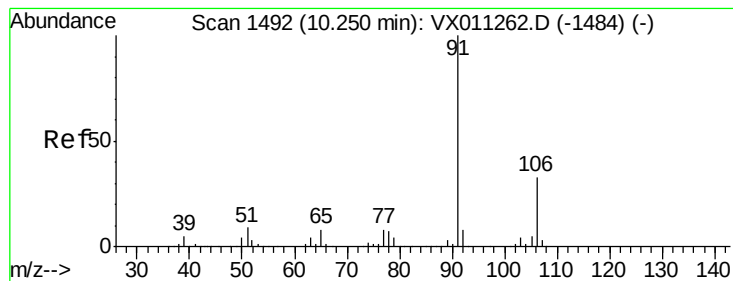
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.012 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.7	143.1
119	65.0	32.8	98.3





#67

Ethyl Benzene

Concen: 18.521 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

VX0807WBS01

Tot Ion: 91 Resp: 155277

Ion Ratio Lower Upper

91 100

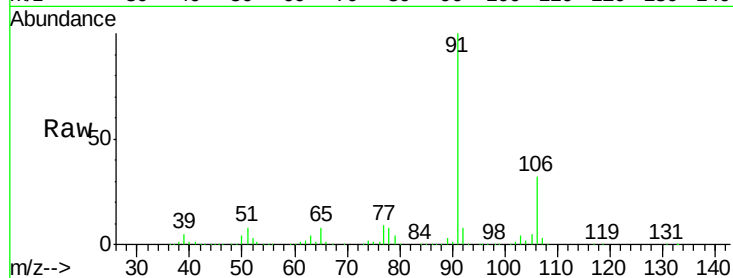
106 32.3 26.2 39.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

200000

150000

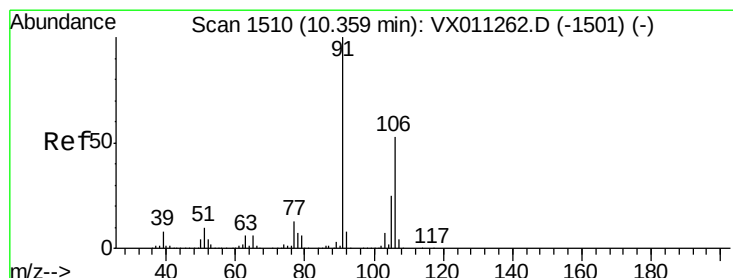
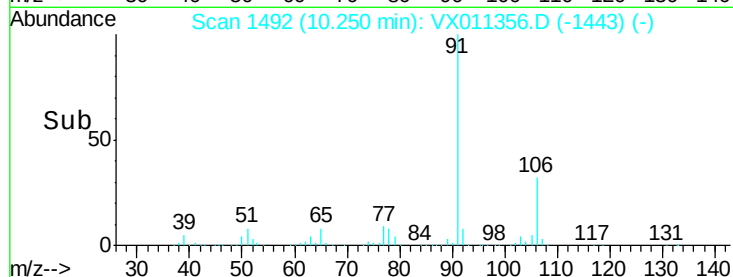
100000

50000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 37.035 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011356.D

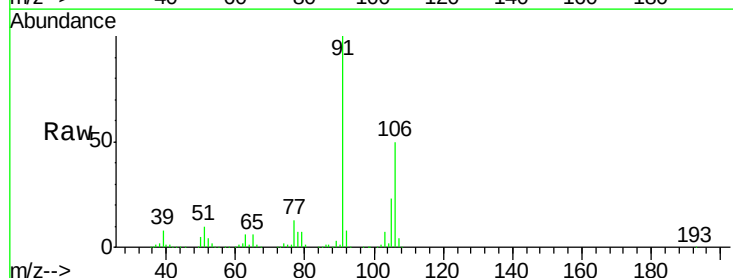
Acq: 07 Aug 2019 12:18

Tgt Ion: 106 Resp: 120099

Ion Ratio Lower Upper

106 100

91 199.4 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

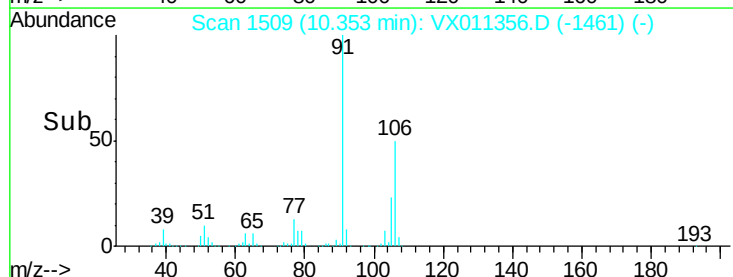
100000

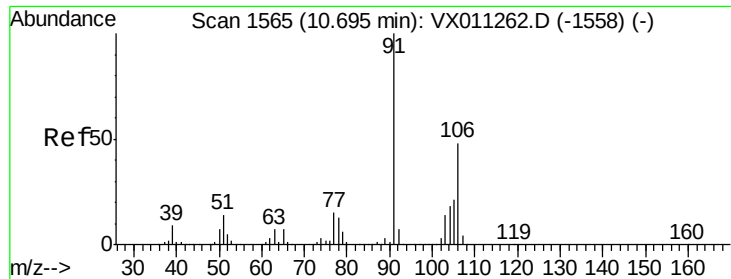
50000

0

10.30 10.40 10.50

Time-->





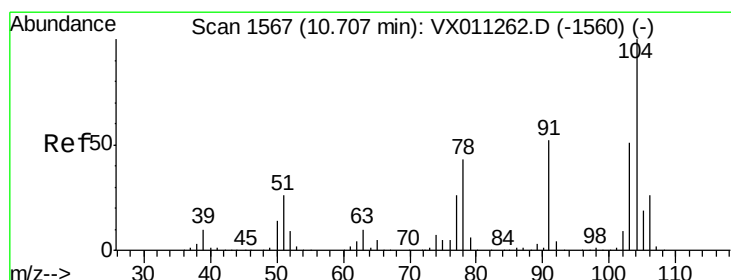
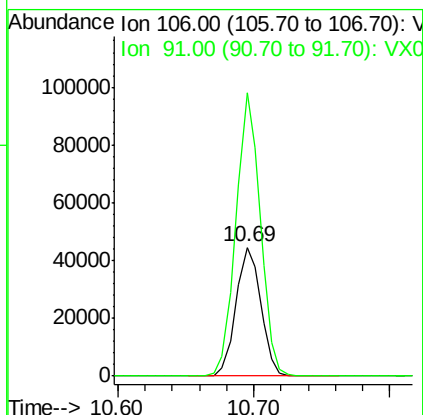
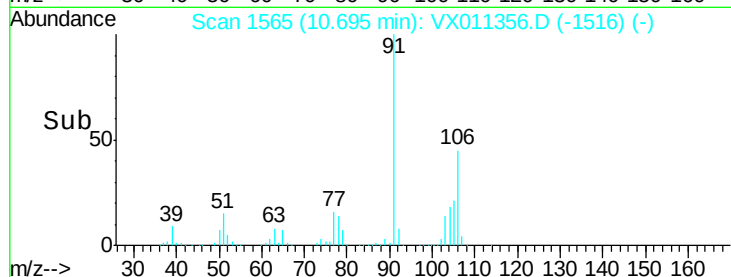
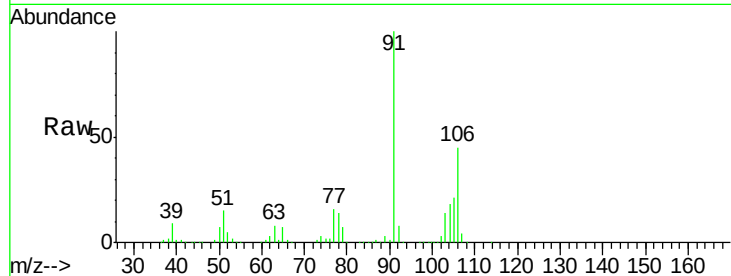
#69
o-Xylene
Concen: 17.881 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion:106 Resp: 56973
Ion Ratio Lower Upper
106 100
91 214.1 103.8 311.3

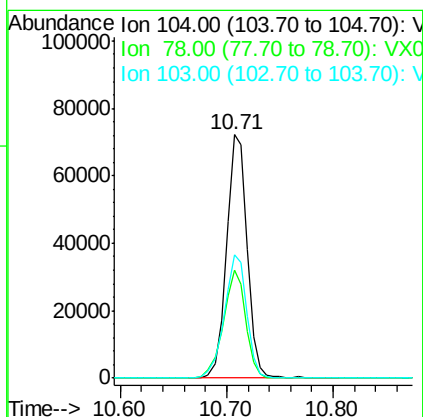
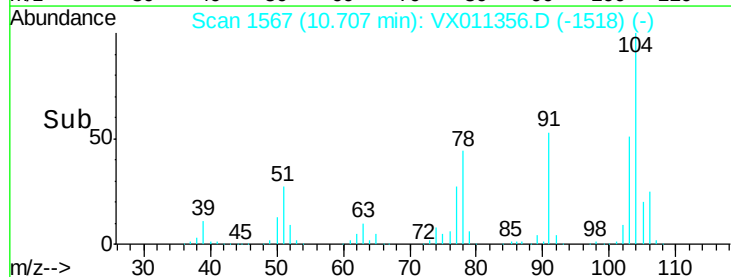
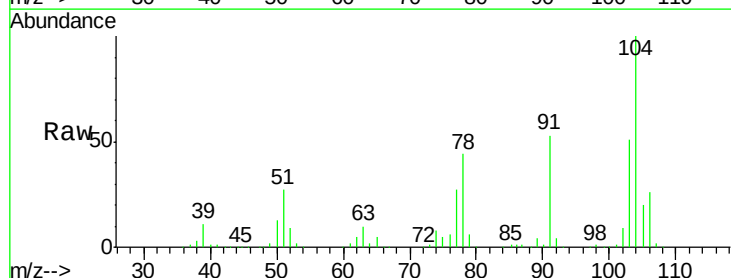
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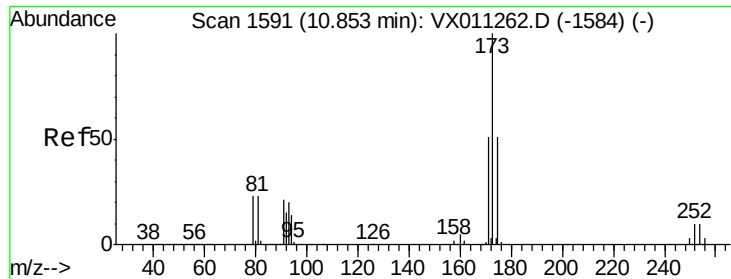
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#70
Styrene
Concen: 18.588 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion:104 Resp: 97994
Ion Ratio Lower Upper
104 100
78 47.7 36.9 55.3
103 54.6 44.4 66.6





#71

Bromoform

Concen: 18.148 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

VX0807WBS01

Tot Ion:173 Resp: 24875

Ion Ratio Lower Upper

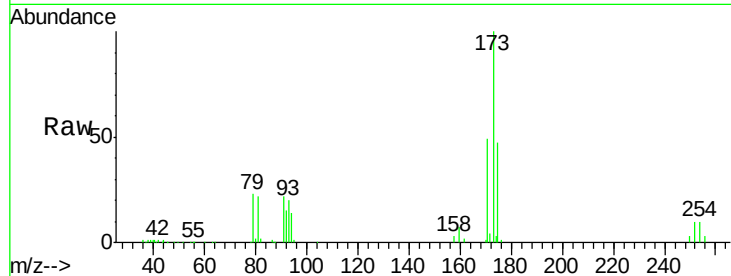
173 100

175 48.5 24.4 73.4

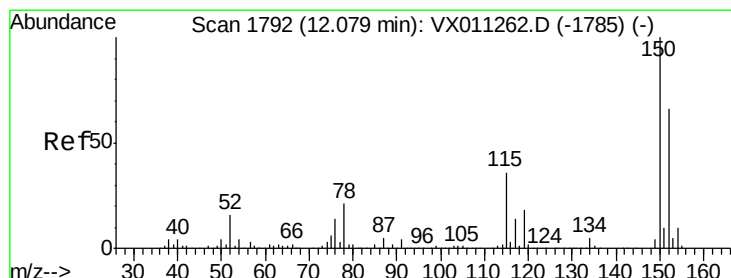
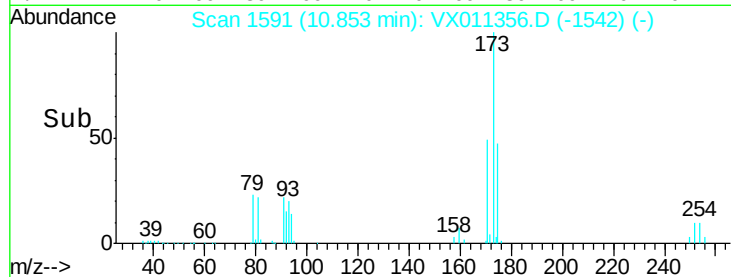
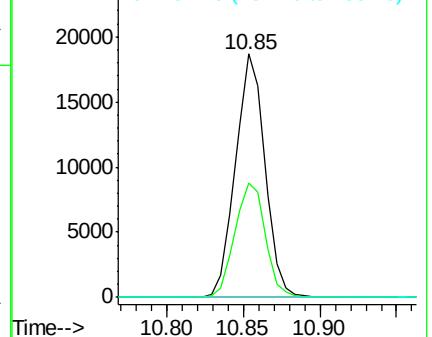
254 0.0 0.2 0.2#

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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# 1791

Delta R.T. -0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

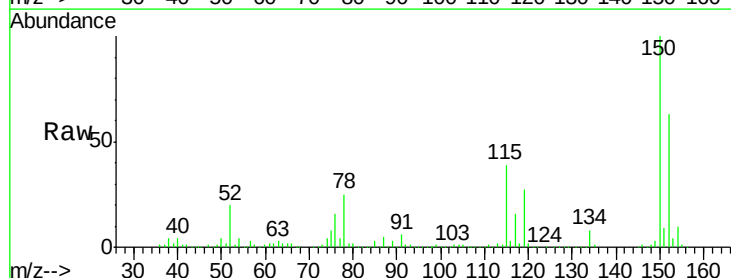
Tgt Ion:152 Resp: 119894

Ion Ratio Lower Upper

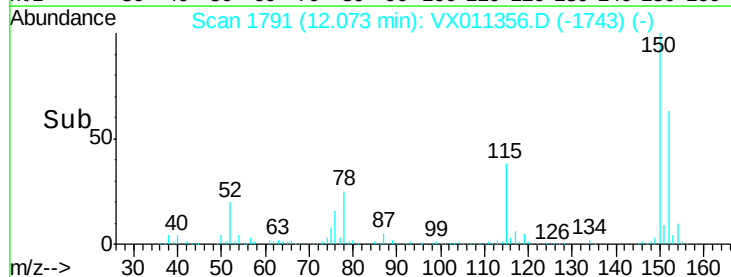
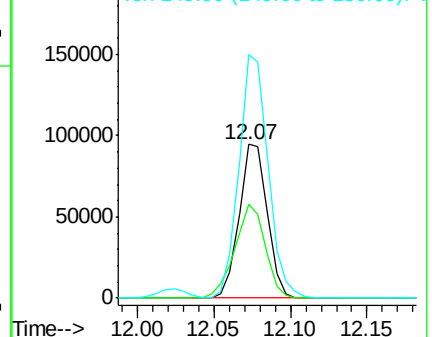
152 100

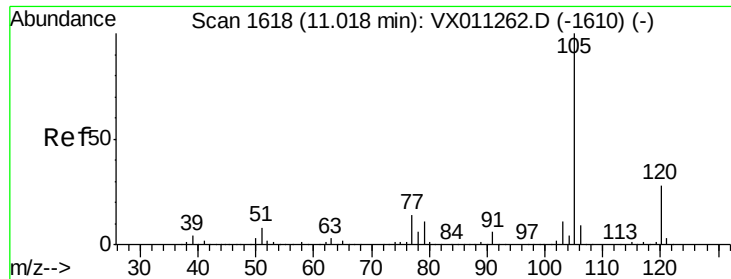
115 66.3 40.0 119.9

150 164.4 0.0 350.4



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





#73

Isopropylbenzene

Concen: 19.063 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

VX0807WBS01

Tot Ion: 105 Resp: 156316

Ion Ratio Lower Upper

105 100

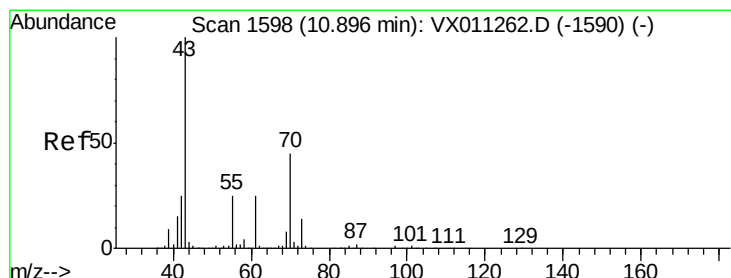
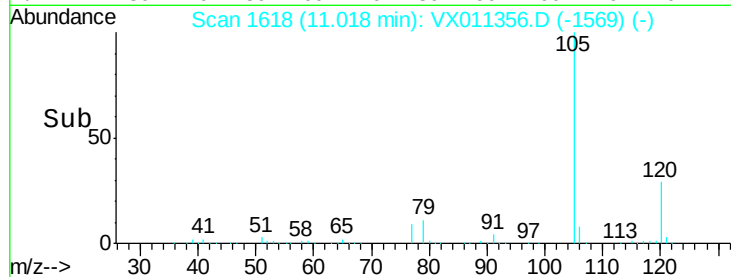
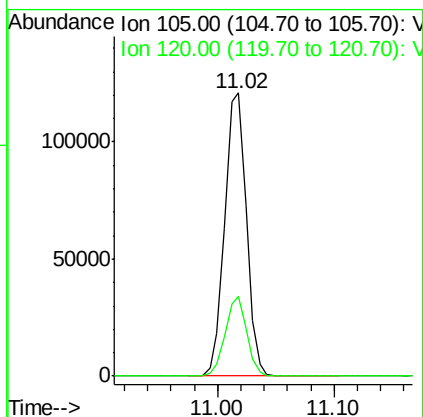
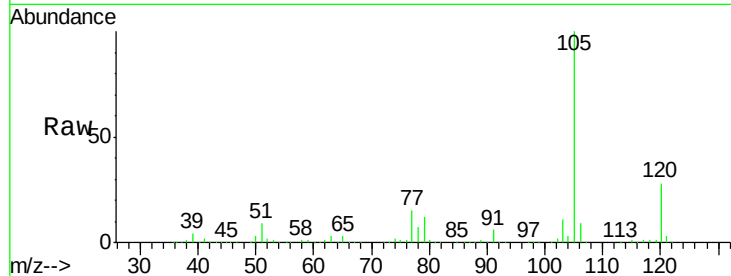
120 27.6 13.7 41.1

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#74

N-ethyl acetate

Concen: 20.041 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion: 43 Resp: 59378

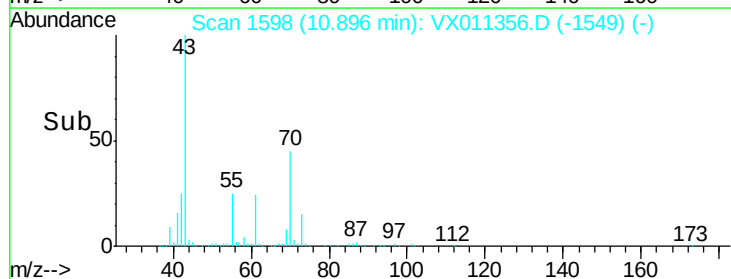
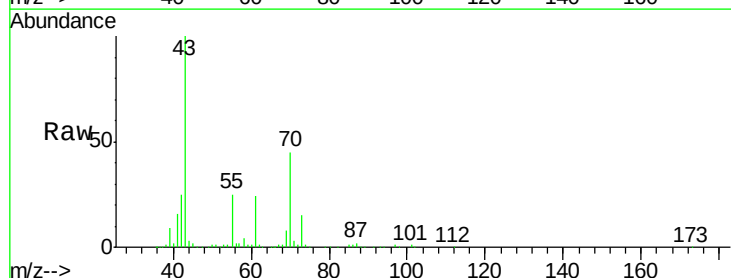
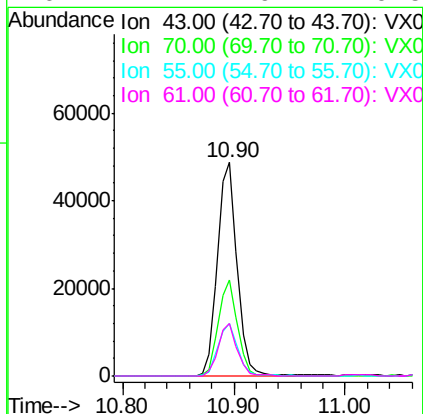
Ion Ratio Lower Upper

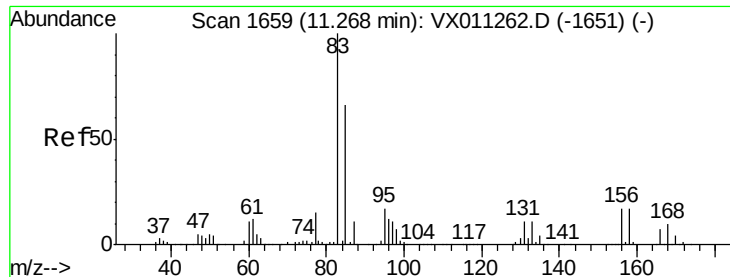
43 100

70 44.4 35.9 53.9

55 25.2 19.8 29.6

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.381 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

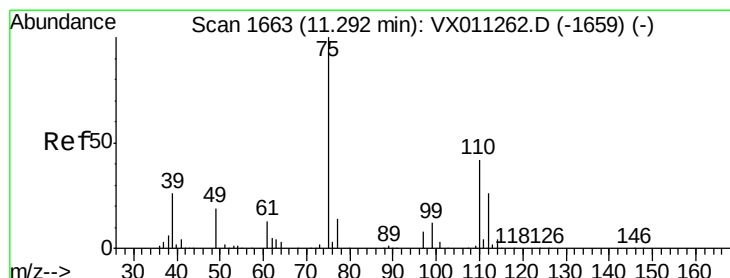
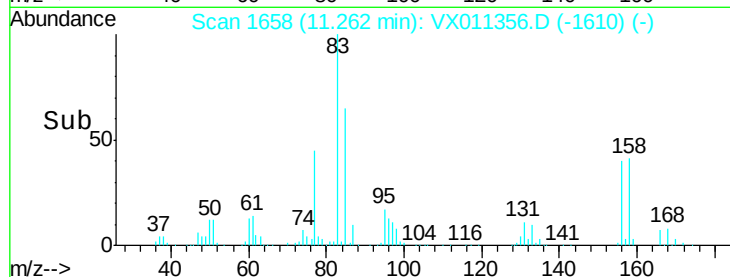
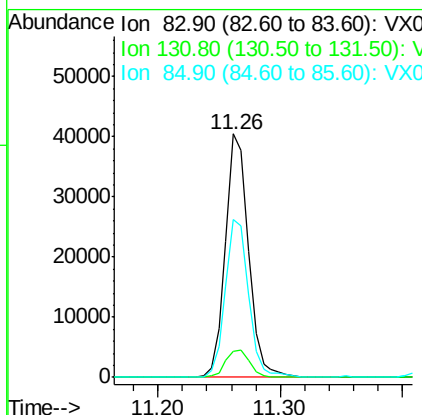
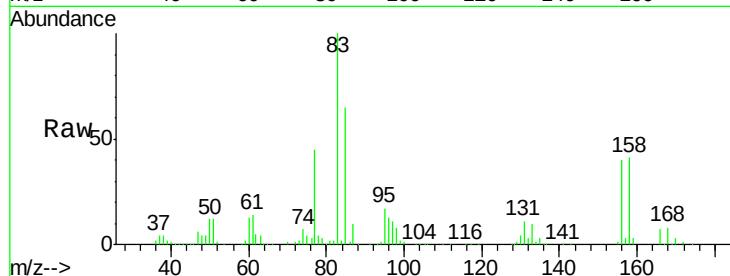
ClientSampled :

VX0807WBS01

Tot Ion:	83	Resp:	52960
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.6	16.8
85	65.4	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.804 ug/l m

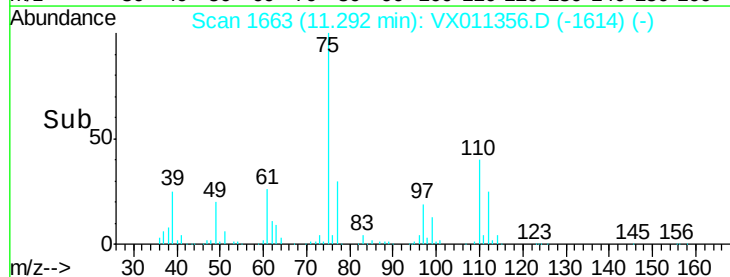
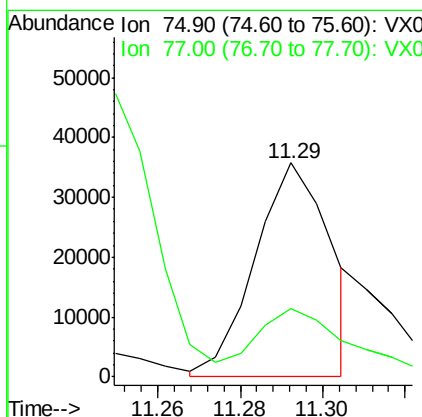
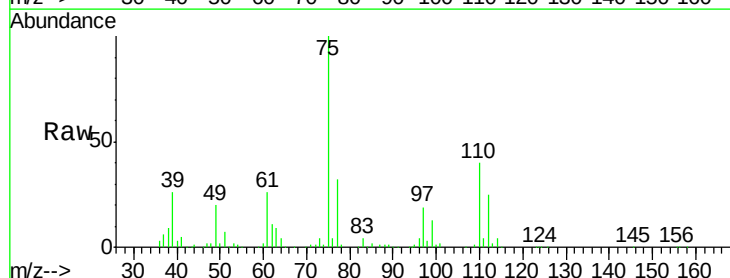
RT: 11.29 min Scan# 1663

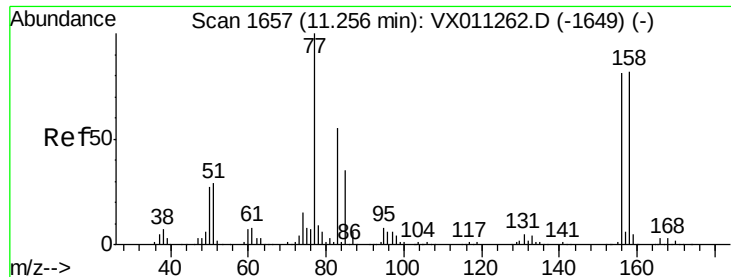
Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion:	75	Resp:	45424
Ion	Ratio	Lower	Upper
75	100		
77	40.1	21.1	63.4





#77

Bromobenzene

Concen: 18.443 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

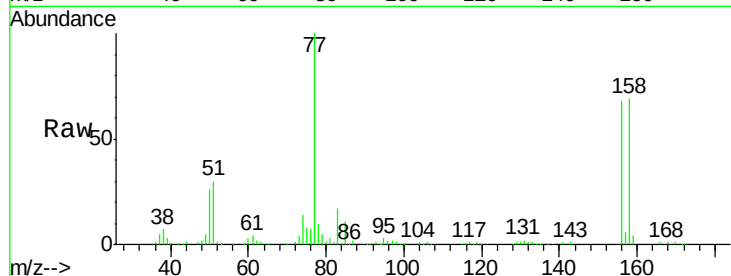
ClientSampled :

VX0807WBS01

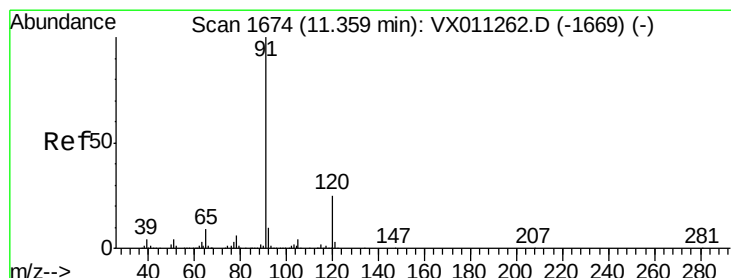
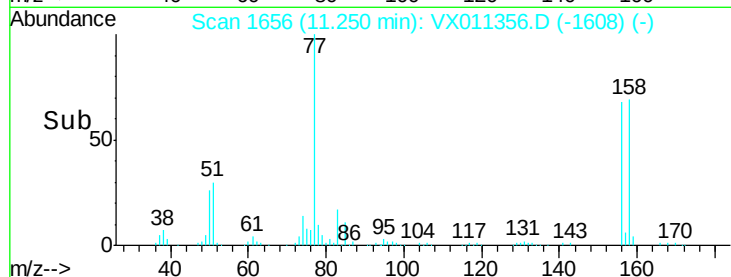
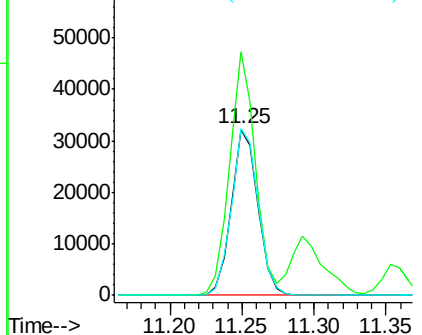
Tot Ion:	156	Resp:	41936
Ion	Ratio	Lower	Upper
156	100		
77	142.0	66.2	198.6
158	100.3	49.1	147.3

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.893 ug/l

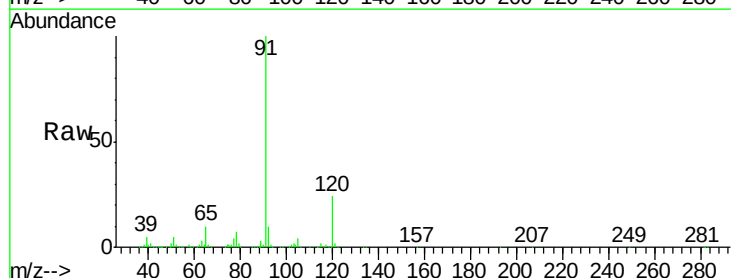
RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

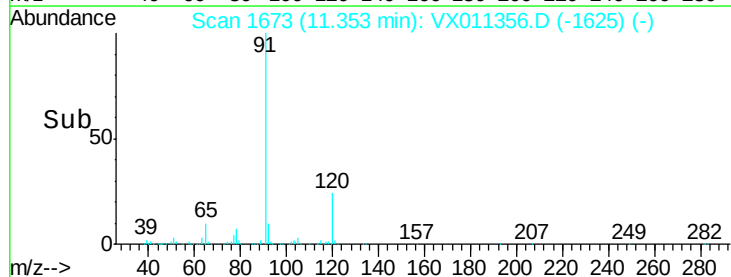
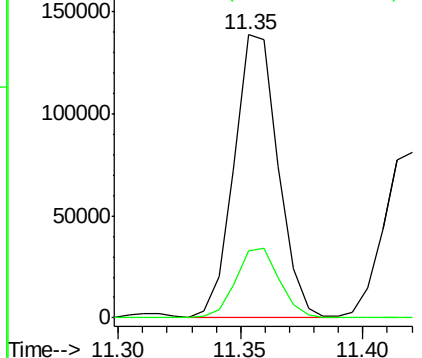
Lab File: VX011356.D

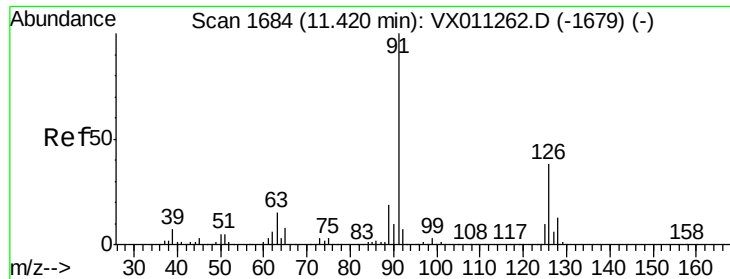
Acq: 07 Aug 2019 12:18

Tgt Ion:	91	Resp:	172278
Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





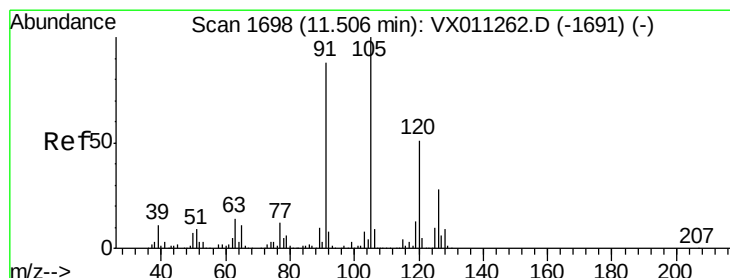
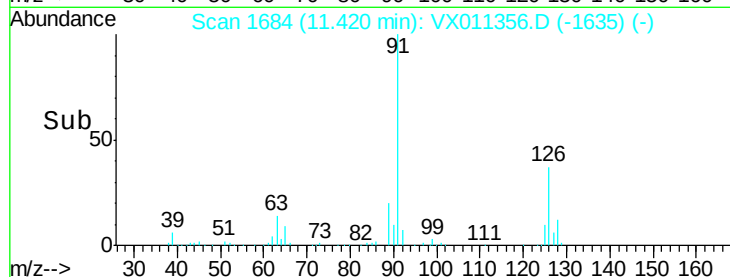
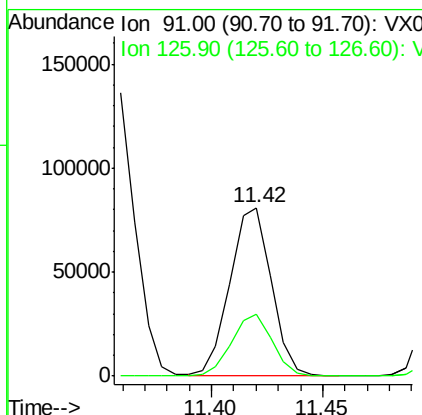
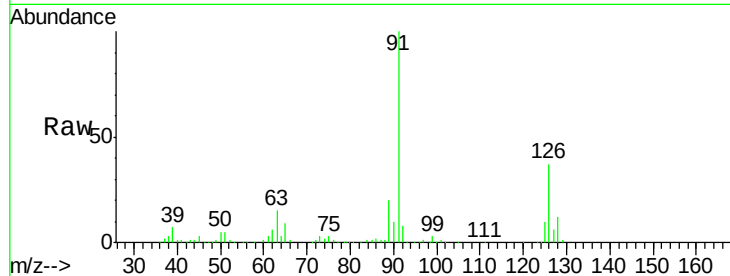
#79
2-Chlorotoluene
Concen: 19.247 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
126	36.4		18.5	55.5	

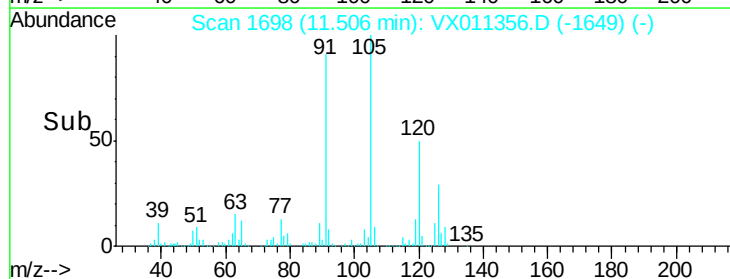
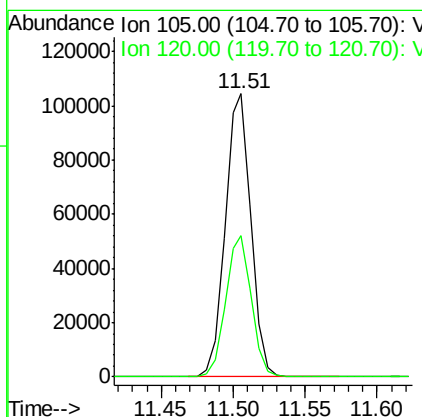
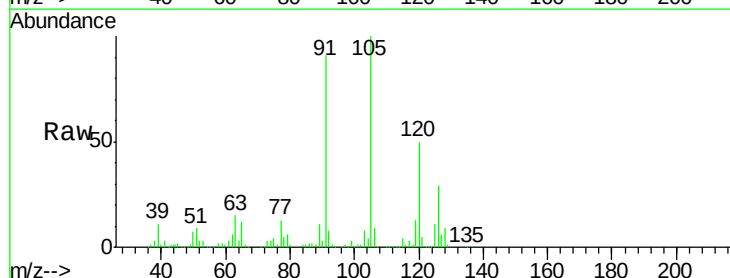
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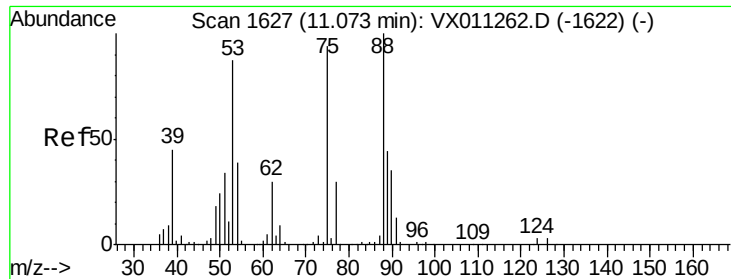
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#80
1,3,5-Trimethylbenzene
Concen: 19.041 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
120	49.8		25.1	75.2	





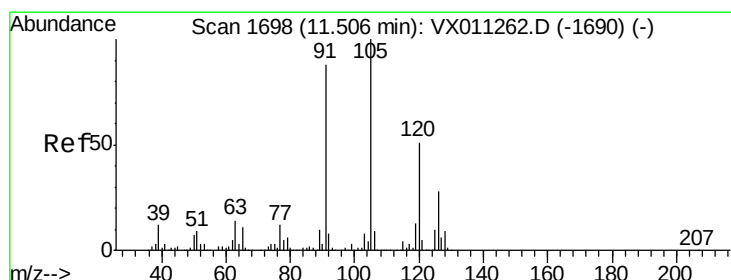
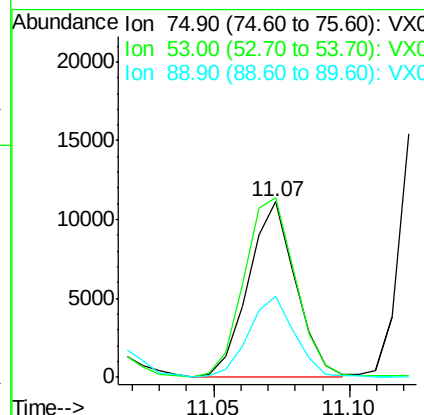
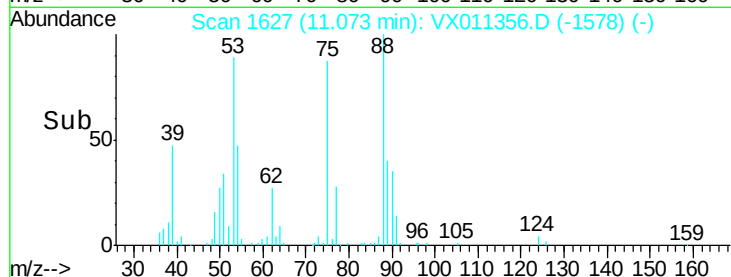
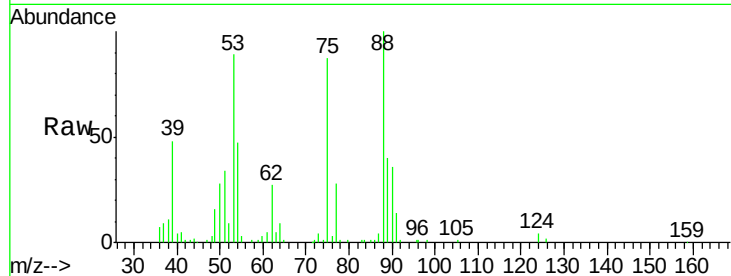
#81
trans-1,4-Dichloro-2-butene
Concen: 19.286 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.6	78.2	117.4
89	46.1	37.9	56.9

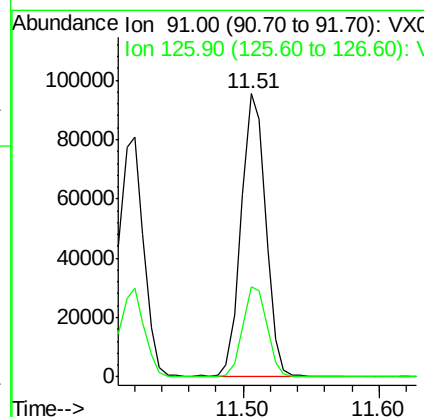
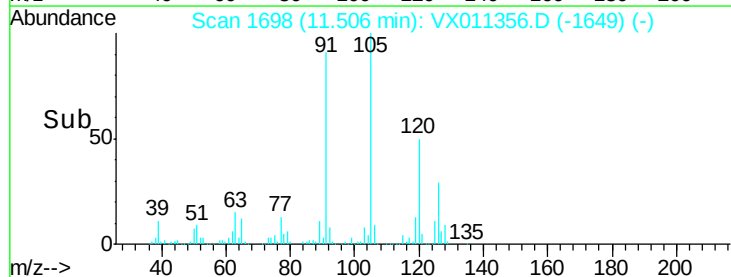
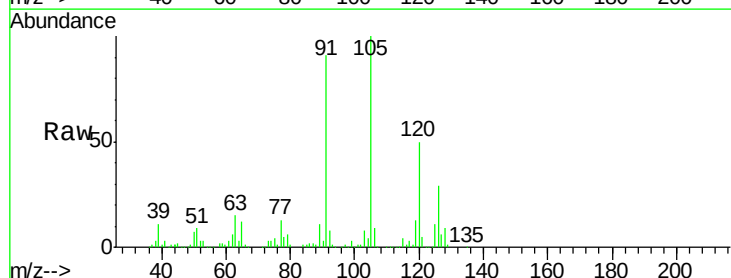
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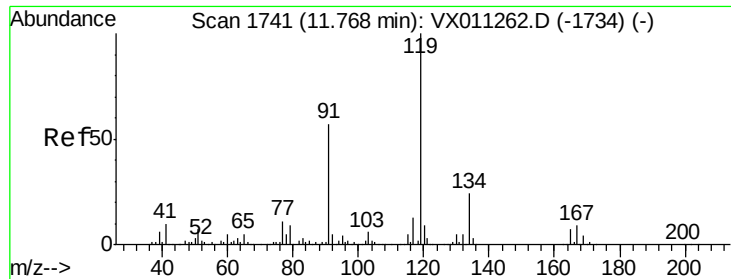
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#82
4-Chlorotoluene
Concen: 18.938 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.2





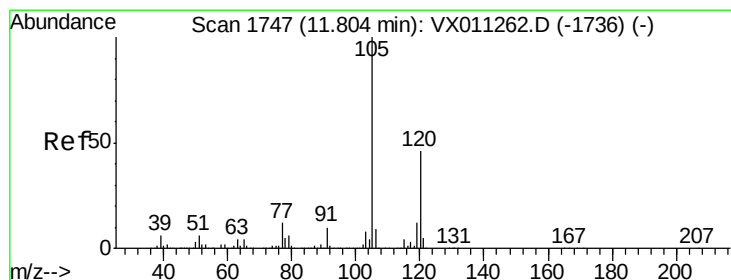
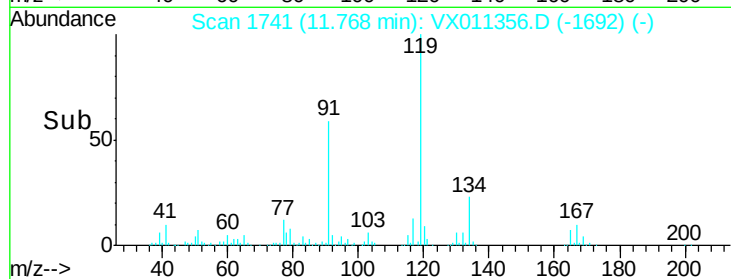
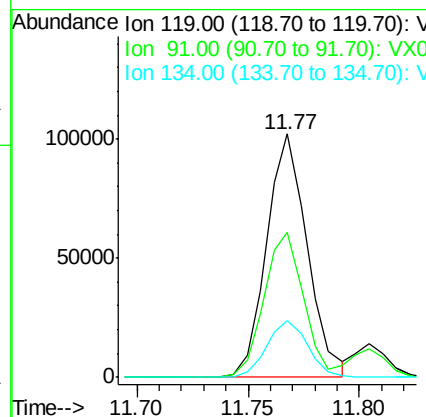
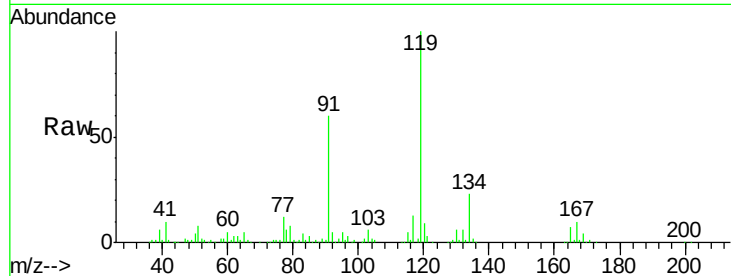
#83
 tert-Butylbenzene
 Concen: 19.204 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	129285		
91	57.5	28.0	84.0	
134	23.6	11.9	35.5	

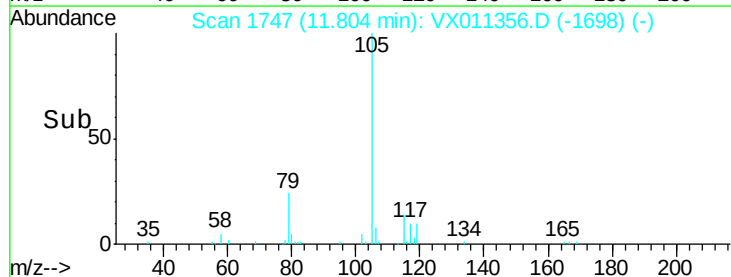
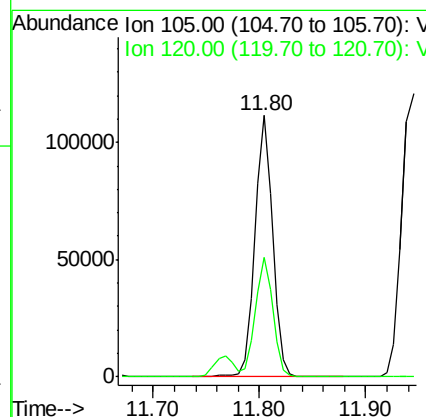
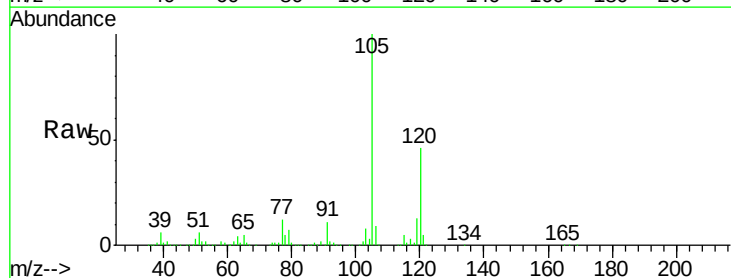
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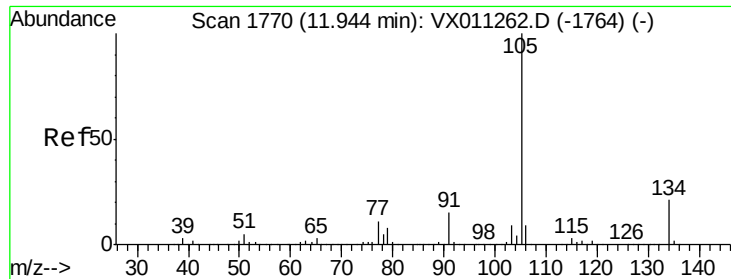
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.155 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130907		
120	45.5	23.0	69.0	





#85

sec-Butylbenzene

Concen: 18.642 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

VX0807WBS01

Tot Ion:105 Resp: 150787

Ion Ratio Lower Upper

105 100

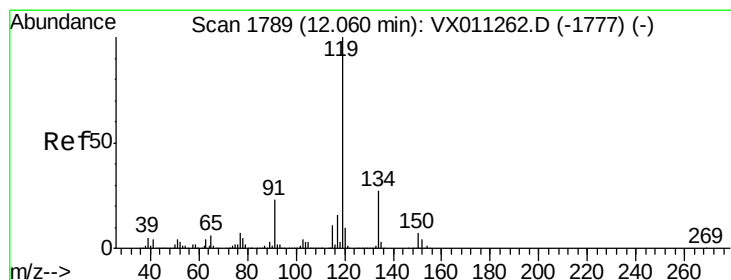
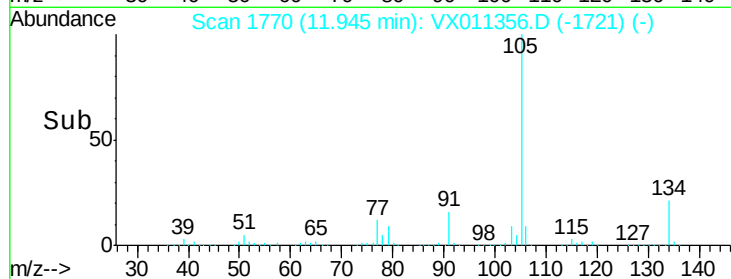
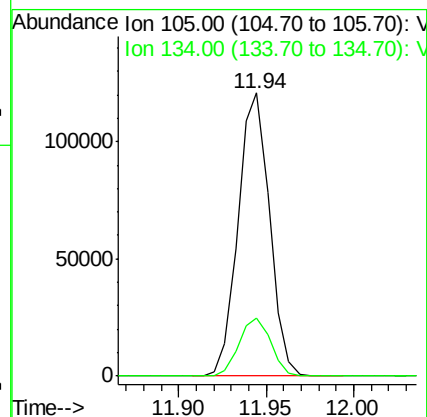
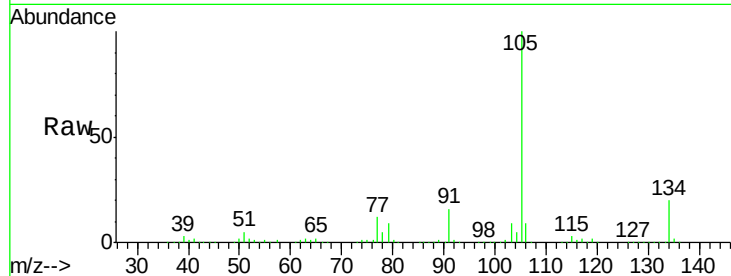
134 20.8 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 18.800 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

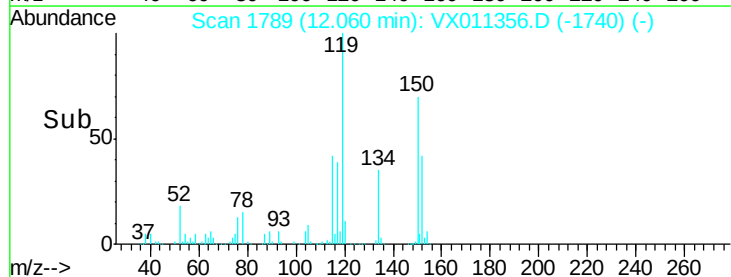
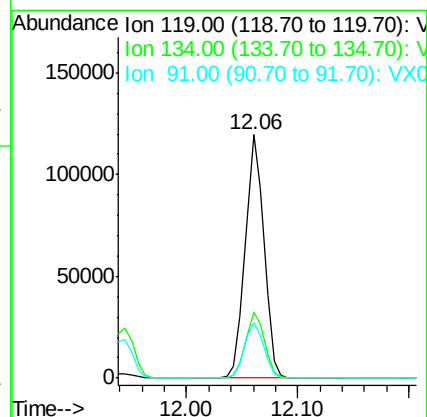
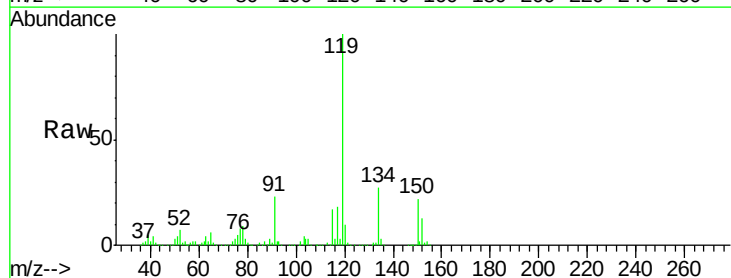
Tgt Ion:119 Resp: 139896

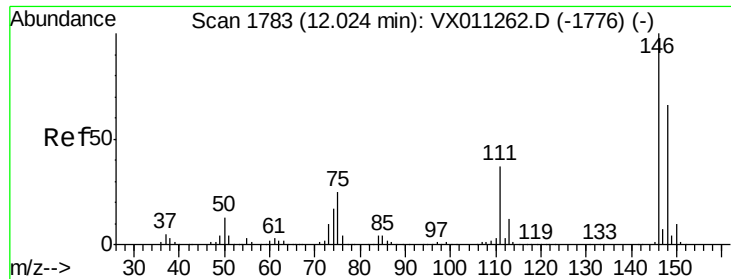
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

91 23.8 11.4 34.2





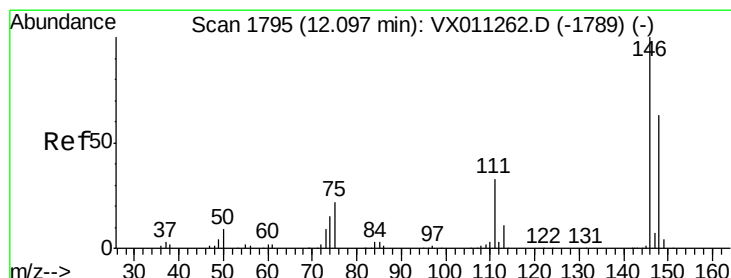
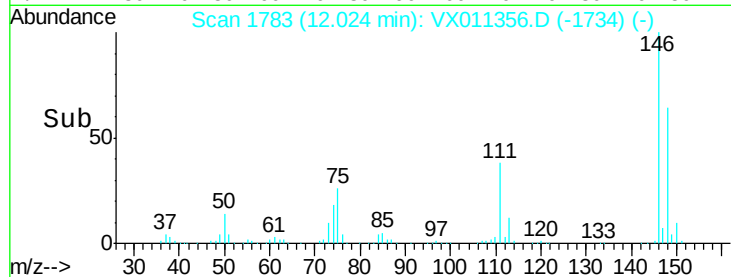
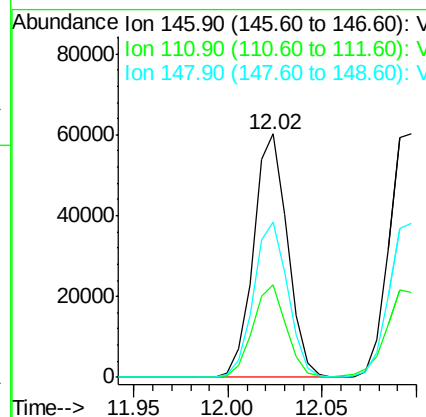
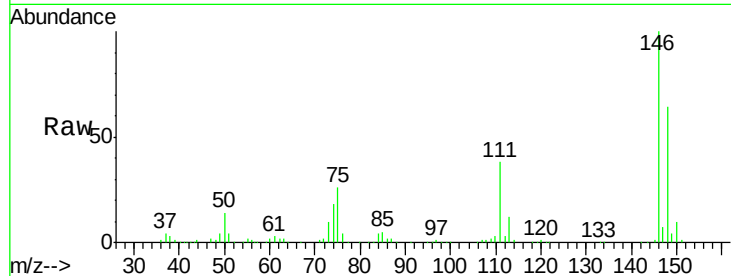
#87
 1,3-Dichlorobenzene
 Concen: 18.729 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.5	32.5	97.5

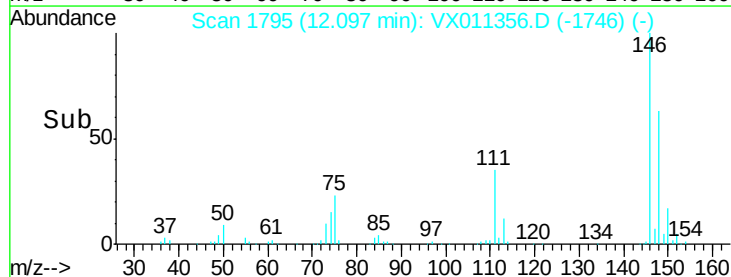
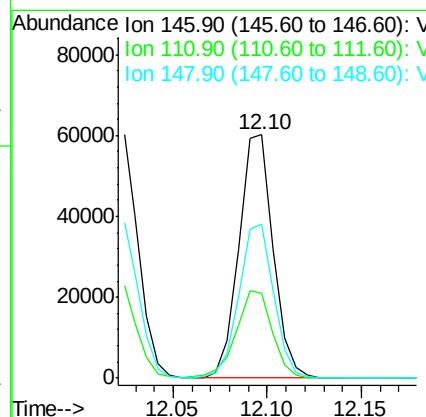
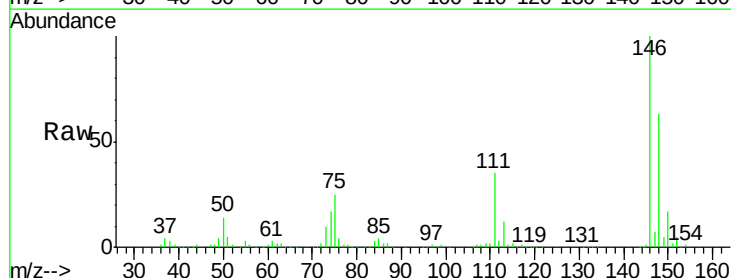
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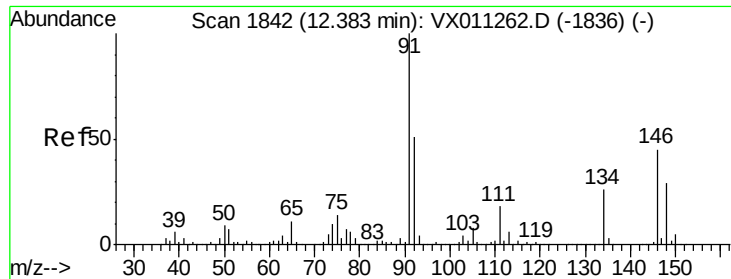
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#88
 1,4-Dichlorobenzene
 Concen: 18.294 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	17.8	53.4
148	64.7	31.8	95.3





#89

n-Butylbenzene

Concen: 18.271 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

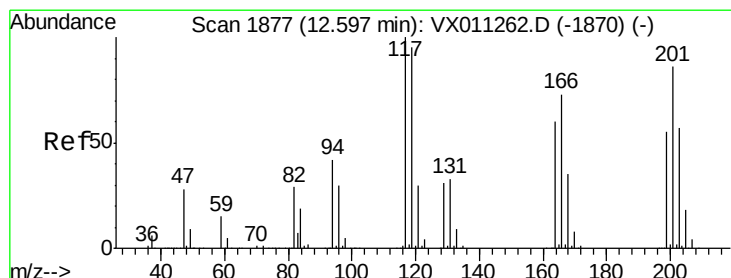
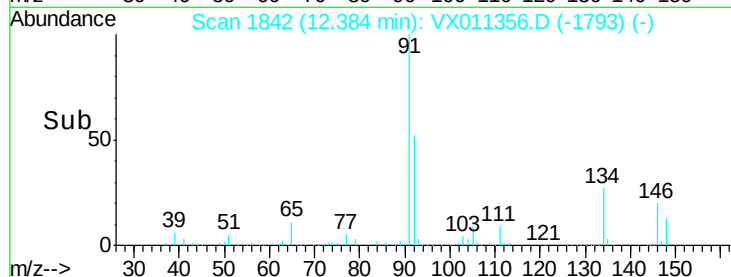
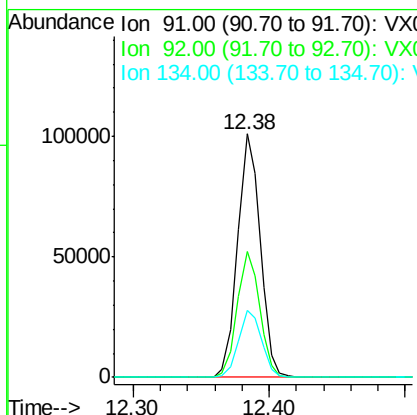
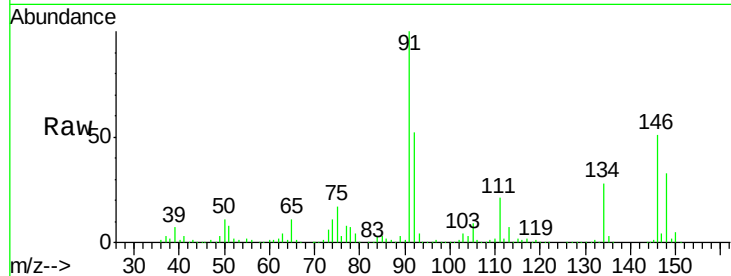
ClientSampled :

VX0807WBS01

Tot Ion:	91	Resp:	117134
Ion Ratio	Lower	Upper	
91	100		
92	51.3	25.8	77.3
134	28.0	13.7	41.0

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#90

Hexachloroethane

Concen: 18.632 ug/l

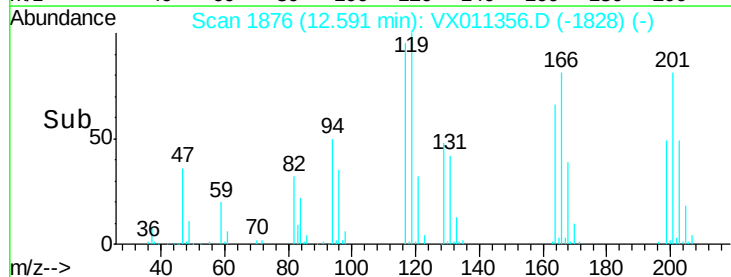
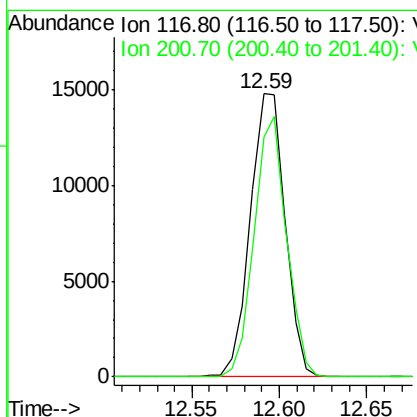
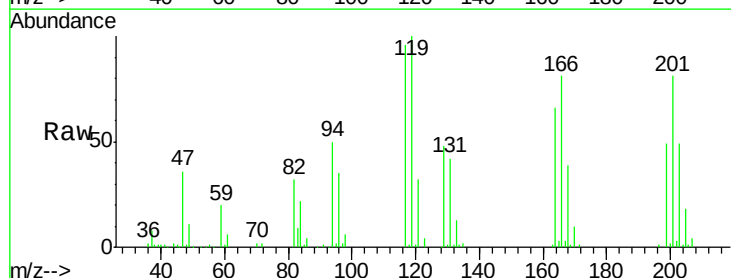
RT: 12.59 min Scan# 1876

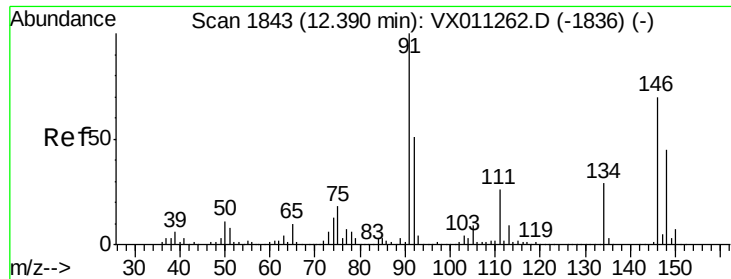
Delta R.T. -0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion:	117	Resp:	20497
Ion Ratio	Lower	Upper	
117	100		
201	85.5	41.8	125.4





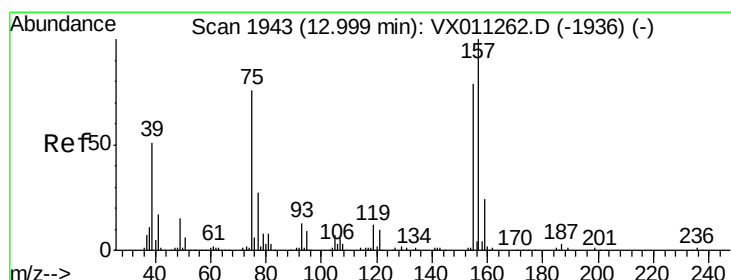
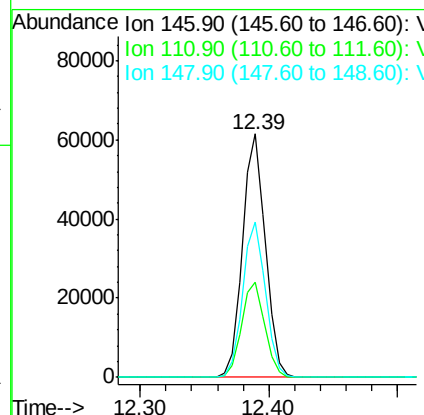
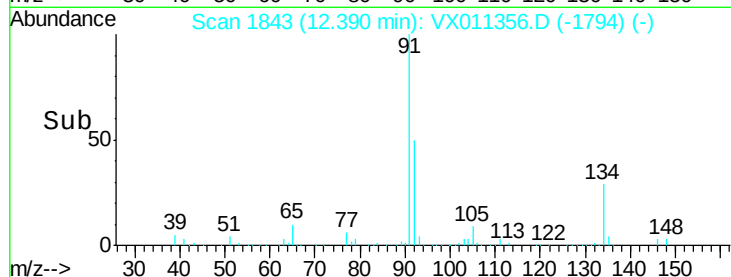
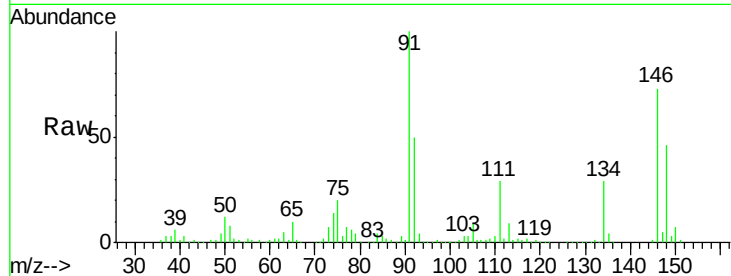
#91
 1,2-Dichlorobenzene
 Concen: 18.735 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.1
148	63.8	32.3	96.8

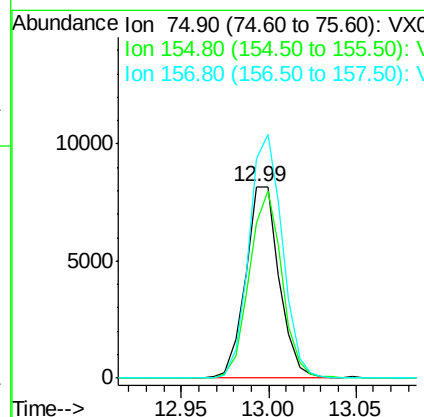
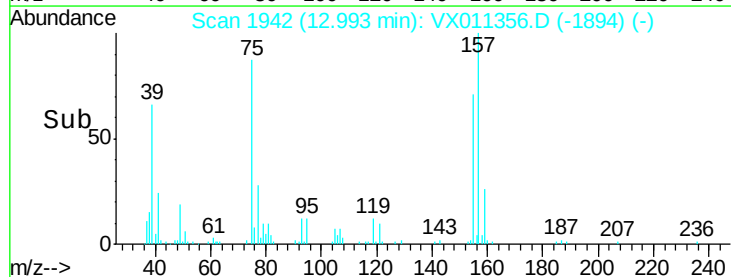
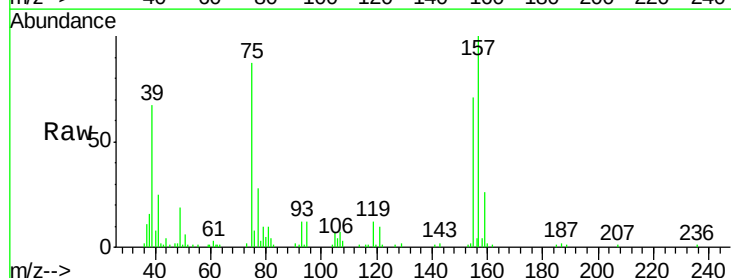
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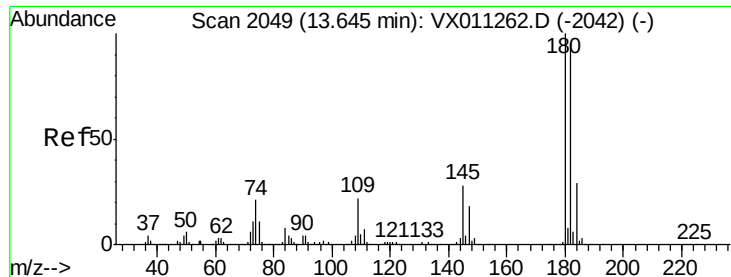
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.517 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011356.D
 Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	51.9	155.8
157	126.5	64.3	192.7





#93

1,2,4-Trichlorobenzene

Concen: 18.871 ug/l

RT: 13.64 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Instrument :

MSVOA_X

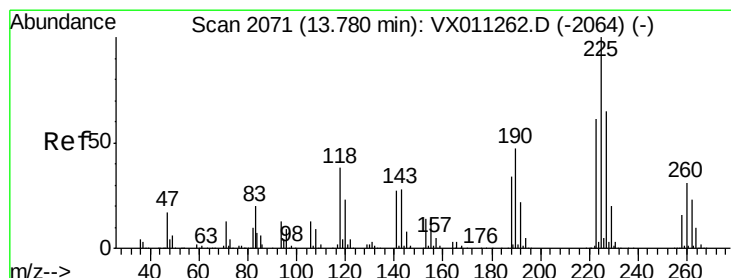
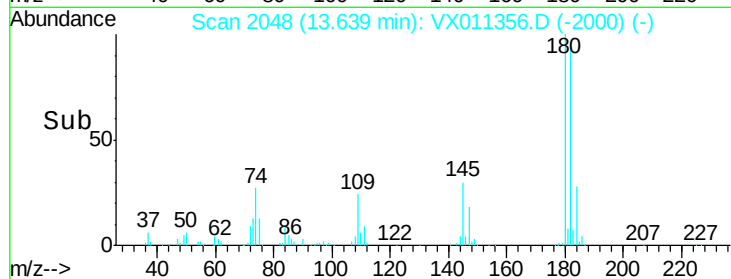
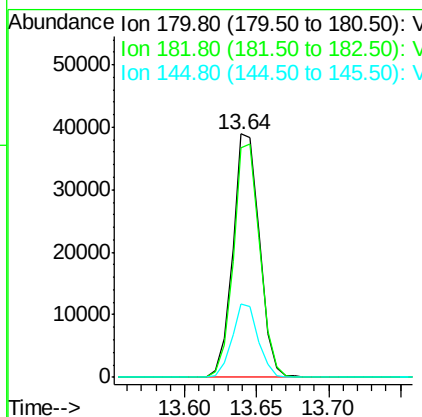
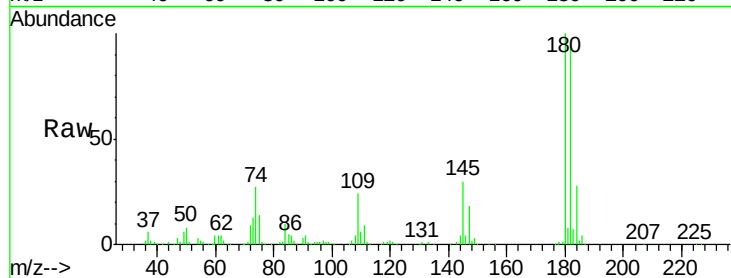
ClientSampled :

VX0807WBS01

Tot Ion:	180	Resp:	50521
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.8	143.4
145	29.6	14.8	44.3

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#94

Hexachlorobutadiene

Concen: 17.370 ug/l

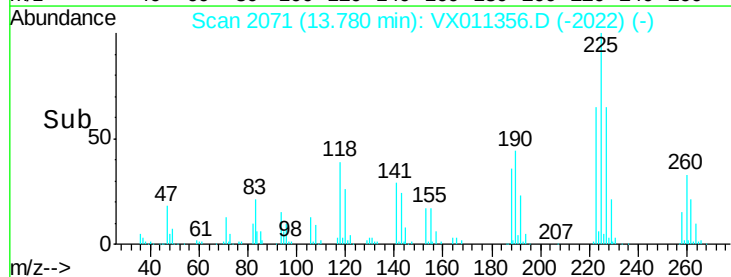
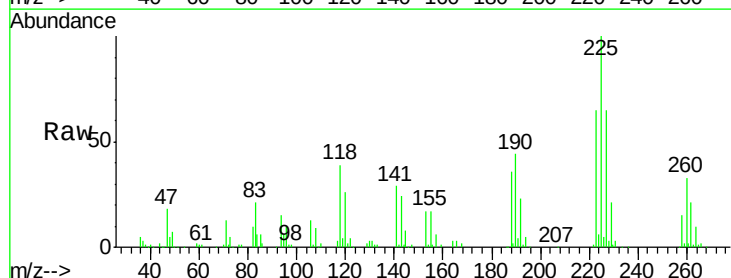
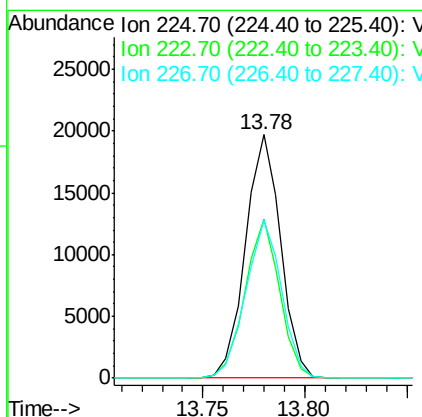
RT: 13.78 min Scan# 2071

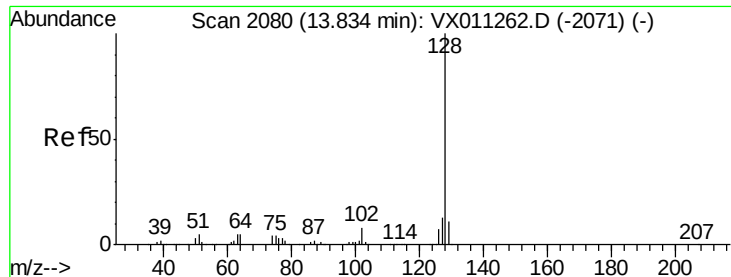
Delta R.T. 0.00 min

Lab File: VX011356.D

Acq: 07 Aug 2019 12:18

Tgt Ion:	225	Resp:	23593
Ion Ratio	Lower	Upper	
225	100		
223	64.1	31.0	93.0
227	66.2	32.2	96.6





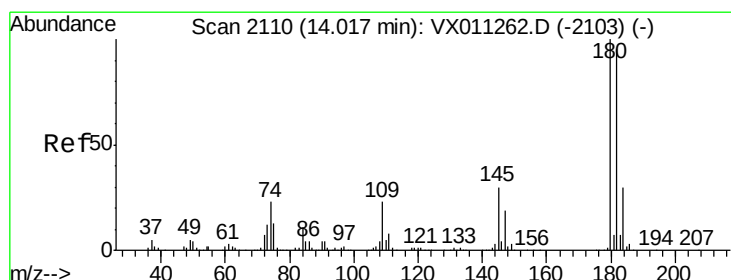
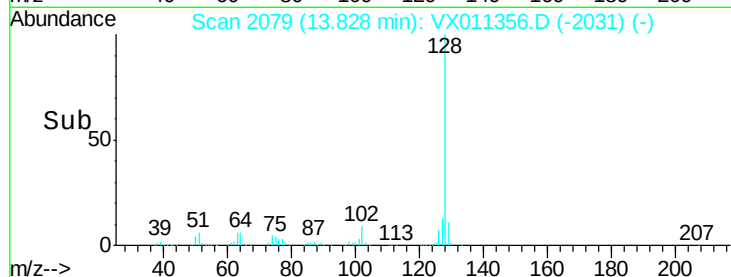
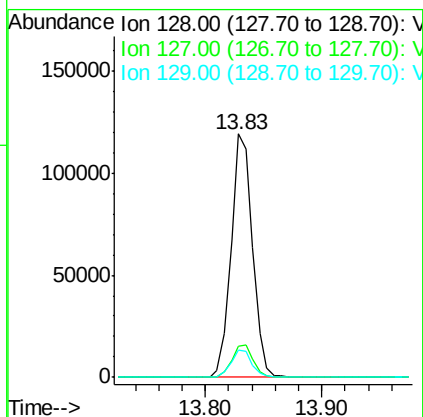
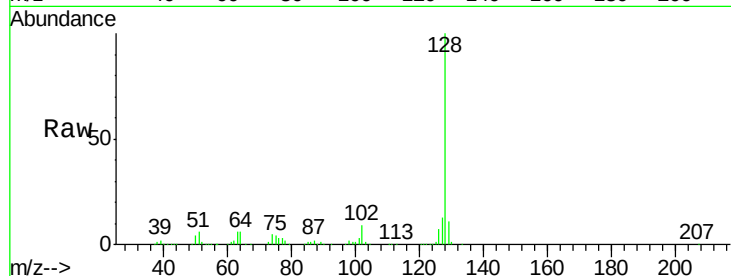
#95
Naphthalene
Concen: 19.434 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	152149		
127	13.3		10.4	15.6
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/8/2019 10:57:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.106 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011356.D
Acq: 07 Aug 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51999		
182	92.0		47.4	142.3
145	30.7		15.2	45.6

