

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012959.D
 Acq On : 09 Oct 2019 22:21
 Operator : JC/SP
 Sample : VX1009WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:30 AM

Quant Time: Oct 10 07:00:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	112040	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	5.49	113	87249	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.71	98	334972	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	126377	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	35720	20.320	ug/l 97
3) Chloromethane	1.32	50	39179	20.479	ug/l 97
4) Vinyl Chloride	1.40	62	39299	19.902	ug/l 98
5) Bromomethane	1.63	94	18829	22.939	ug/l 94
6) Chloroethane	1.72	64	24243	20.319	ug/l 97
7) Trichlorofluoromethane	1.92	101	56439	21.176	ug/l 98
8) Diethyl Ether	2.18	74	22422	20.843	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34763	20.154	ug/l 99
10) Methyl Iodide	2.50	142	30979	19.324	ug/l 99
11) Tert butyl alcohol	3.03	59	60694	106.220	ug/l 96
12) 1,1-Dichloroethene	2.36	96	34949	20.054	ug/l 98
13) Acrolein	2.28	56	31109	76.610	ug/l 99
14) Allyl chloride	2.72	41	62531	20.148	ug/l 99
15) Acrylonitrile	3.13	53	114462	105.705	ug/l 99
16) Acetone	2.43	43	97938	86.201	ug/l 99
17) Carbon Disulfide	2.56	76	90059	18.123	ug/l 98
18) Methyl Acetate	2.76	43	55488	20.605	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	127021	21.106	ug/l 97
20) Methylene Chloride	2.85	84	42716	20.458	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	39295	21.037	ug/l 96
22) Diisopropyl ether	3.84	45	125704	21.137	ug/l 90
23) Vinyl Acetate	3.80	43	535803	104.365	ug/l 99
24) 1,1-Dichloroethane	3.69	63	70882	21.186	ug/l 99
25) 2-Butanone	4.66	43	155765	98.820	ug/l 99
26) 2,2-Dichloropropane	4.57	77	48456	17.223	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	44382	20.613	ug/l 99
28) Bromochloromethane	5.01	49	21946	21.696	ug/l 99
29) Tetrahydrofuran	5.12	42	99946	103.040	ug/l 99
30) Chloroform	5.20	83	70958	20.670	ug/l 99
31) Cyclohexane	5.57	56	62582	20.004	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	60752	20.886	ug/l 99
36) 1,1-Dichloropropene	5.79	75	52358	20.114	ug/l 99
37) Ethyl Acetate	4.83	43	58563	20.120	ug/l 99
38) Carbon Tetrachloride	5.78	117	50643	19.988	ug/l 97

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MMDadoda
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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)
39) Methylcyclohexane	7.45	83	61956	19.626	ug/l	99
40) Benzene	6.14	78	159626	20.762	ug/l	99
41) Methacrylonitrile	5.03	41	32061	20.045	ug/l	99
42) 1,2-Dichloroethane	6.19	62	57997	21.023	ug/l	100
43) Isopropyl Acetate	6.44	43	94687	20.268	ug/l	99
44) Trichloroethene	7.21	130	40984	19.224	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41241	21.047	ug/l	97
46) Dibromomethane	7.65	93	27170	20.812	ug/l	98
47) Bromodichloromethane	7.89	83	51414	20.180	ug/l	97
48) Methyl methacrylate	7.76	41	45861	20.144	ug/l	98
49) 1,4-Dioxane	7.73	88	23062	399.319	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	302882	103.984	ug/l	100
52) Toluene	8.78	92	102292	20.797	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	53995	18.415	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	61858	19.741	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	41261	21.197	ug/l	95
56) Ethyl methacrylate	9.17	69	62208	19.025	ug/l	96
57) 1,3-Dichloropropane	9.37	76	69830	20.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	145431	101.704	ug/l	99
59) 2-Hexanone	9.48	43	232170	102.394	ug/l	99
60) Dibromochloromethane	9.58	129	39240	19.299	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41678	20.354	ug/l	100
64) Tetrachloroethene	9.33	164	39862	21.678	ug/l	94
65) Chlorobenzene	10.14	112	107497	20.418	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	37648	20.624	ug/l	99
67) Ethyl Benzene	10.25	91	191387	20.465	ug/l	99
68) m/p-Xylenes	10.36	106	144153	41.261	ug/l	99
69) o-Xylene	10.70	106	70176	20.598	ug/l	99
70) Styrene	10.71	104	118675	20.490	ug/l	100
71) Bromoform	10.85	173	24610	17.967	ug/l #	99
73) Isopropylbenzene	11.01	105	186956	20.959	ug/l	100
74) N-amyl acetate	10.89	43	79123	20.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60391	20.356	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	50927m	18.925	ug/l	
77) Bromobenzene	11.25	156	43641	20.762	ug/l	97
78) n-propylbenzene	11.35	91	206452	21.034	ug/l	99
79) 2-Chlorotoluene	11.42	91	128387	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	157830	21.190	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16343	18.426	ug/l	93
82) 4-Chlorotoluene	11.51	91	147622	20.879	ug/l	99
83) tert-Butylbenzene	11.76	119	149920	20.634	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	159464	21.140	ug/l	100
85) sec-Butylbenzene	11.94	105	179070	21.273	ug/l	98
86) p-Isopropyltoluene	12.06	119	161610	20.701	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77371	19.822	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76117	19.254	ug/l	99
89) n-Butylbenzene	12.39	91	134585	20.512	ug/l	99
90) Hexachloroethane	12.59	117	25549	19.039	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	77917	20.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13507	19.424	ug/l	96

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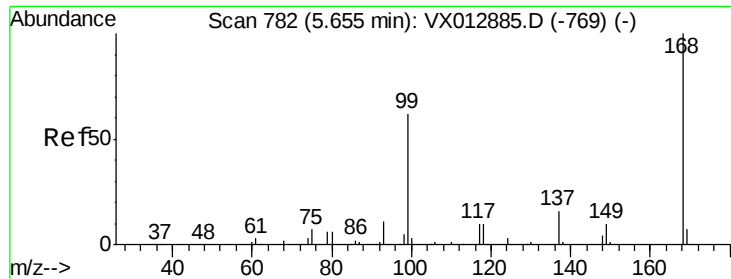
Manual Integrations
APPROVED

MMDadoda
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QLast Update : Wed Oct 09 01:51:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47052	19.628	ug/l	99
94) Hexachlorobutadiene	13.78	225	21467	19.405	ug/l	99
95) Naphthalene	13.83	128	166025	19.980	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	47146	19.032	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion:168 Resp: 172456

Ion Ratio Lower Upper

168 100

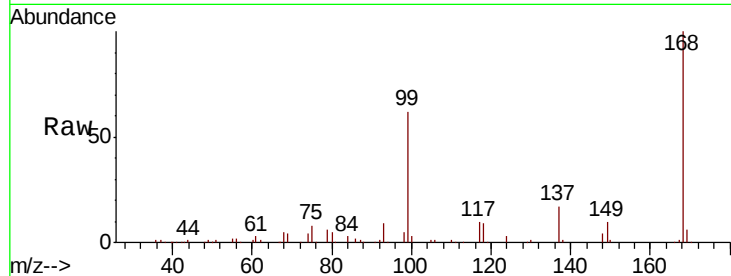
99 61.7 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

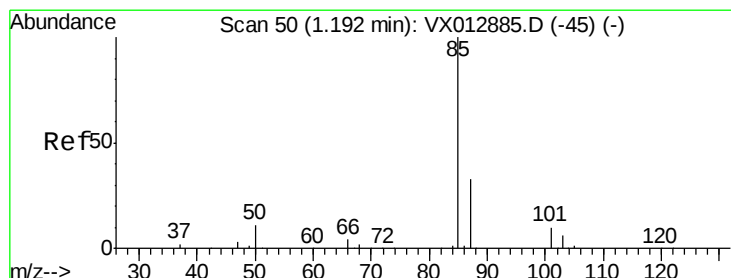
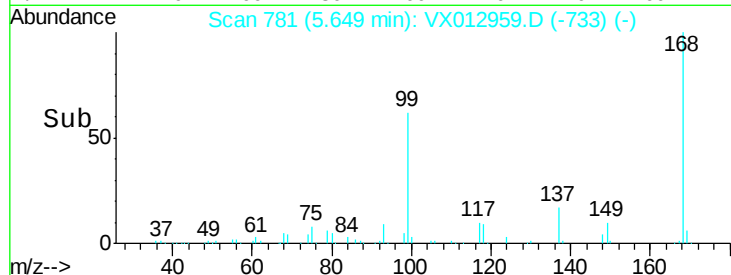
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.320 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012959.D

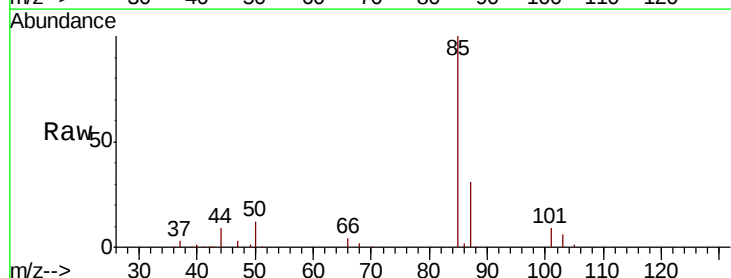
Acq: 09 Oct 2019 22:21

Tgt Ion: 85 Resp: 35720

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

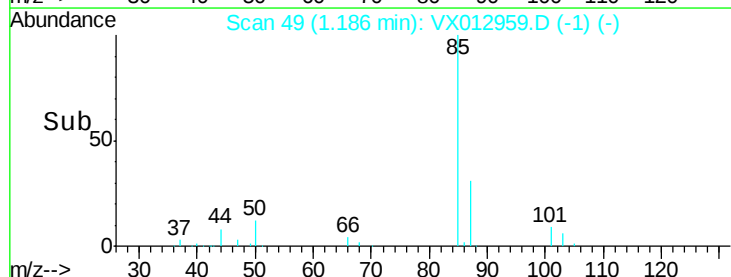
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.479 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 50 Resp: 39179

Ion Ratio Lower Upper

50 100

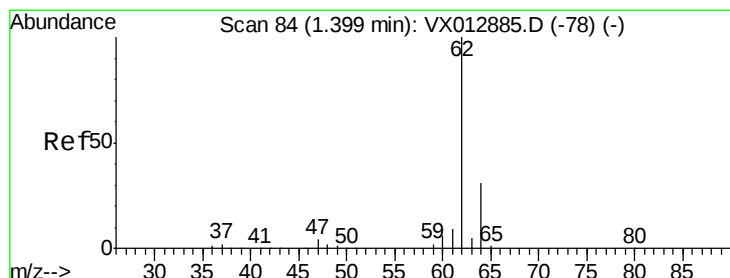
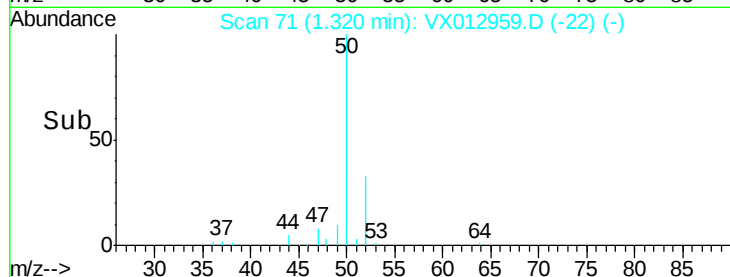
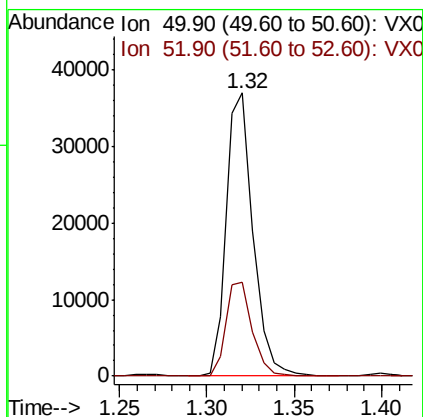
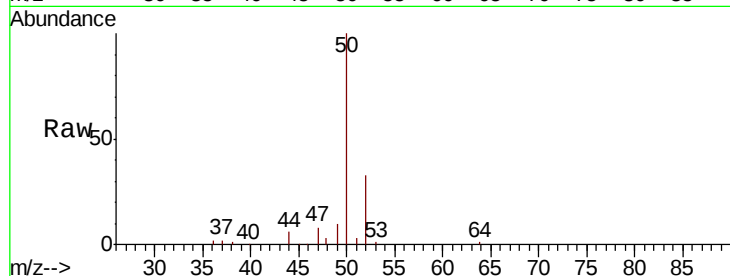
52 33.3 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.902 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012959.D

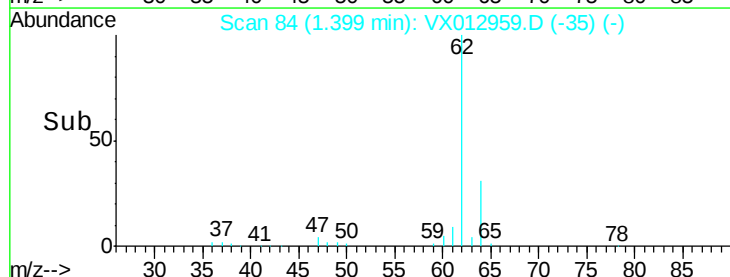
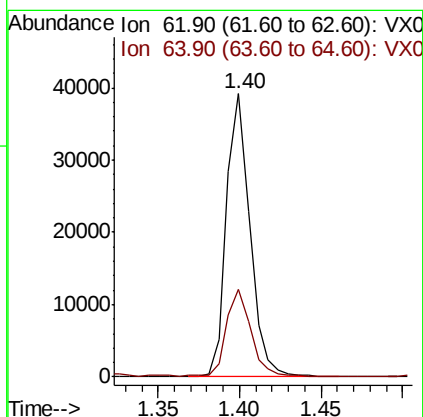
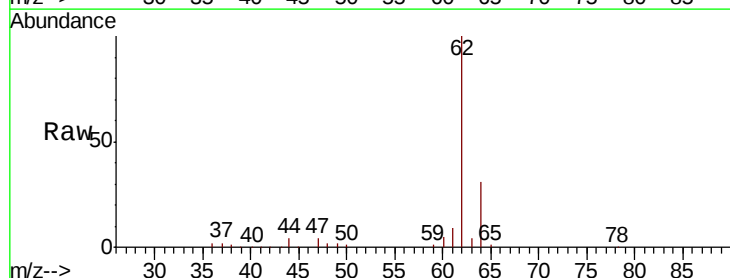
Acq: 09 Oct 2019 22:21

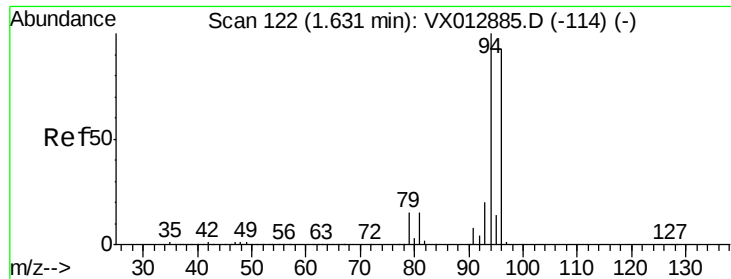
Tgt Ion: 62 Resp: 39299

Ion Ratio Lower Upper

62 100

64 30.8 25.3 37.9





#5

Bromomethane

Concen: 22.939 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 94 Resp: 18829

Ion Ratio Lower Upper

94 100

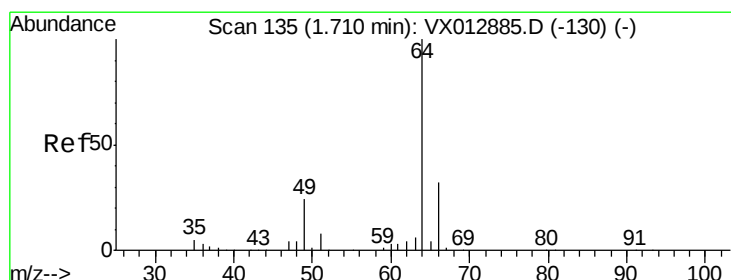
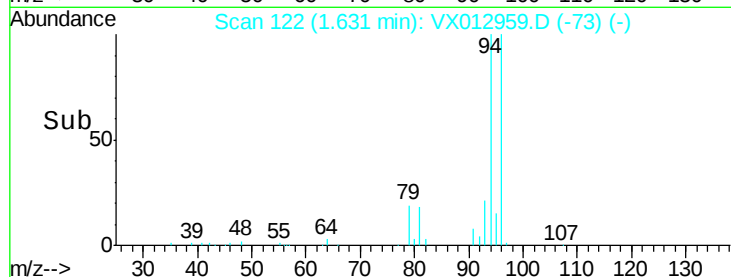
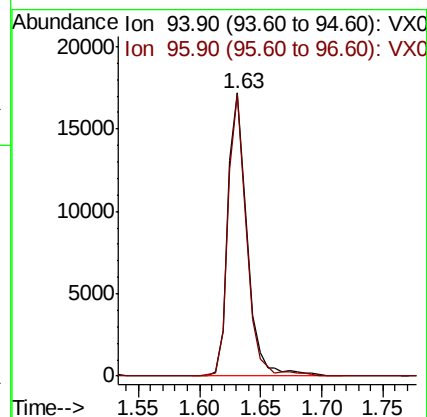
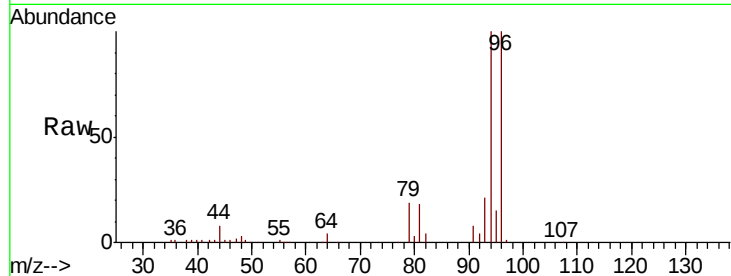
96 99.5 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 20.319 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012959.D

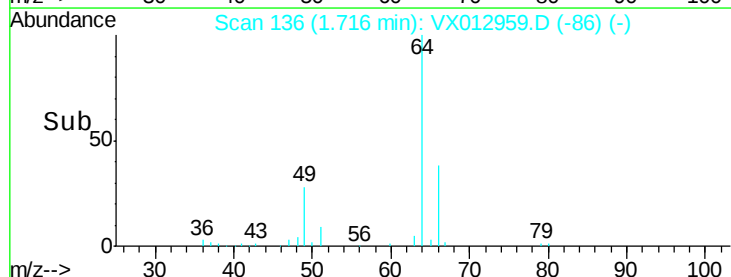
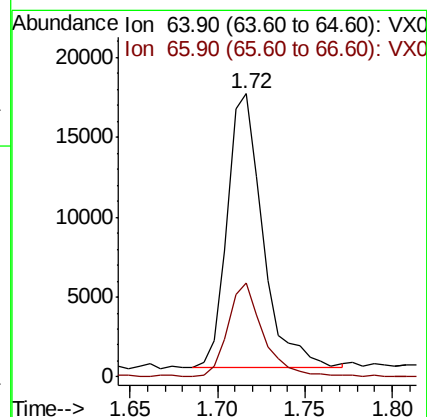
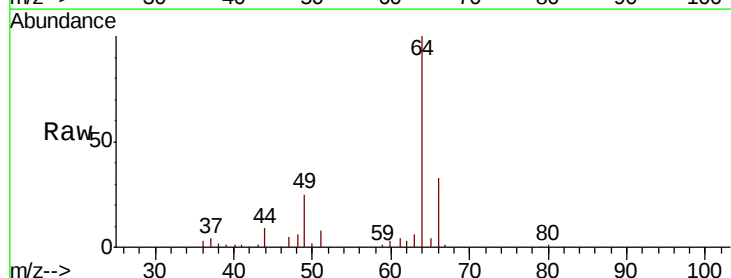
Acq: 09 Oct 2019 22:21

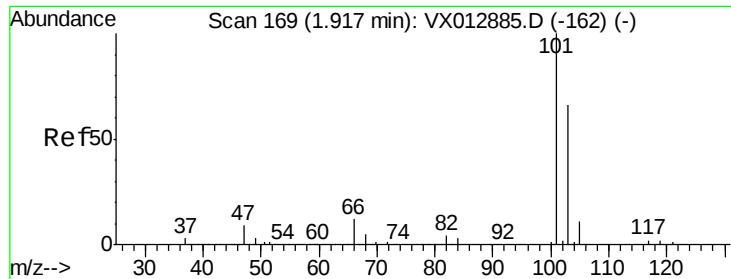
Tgt Ion: 64 Resp: 24243

Ion Ratio Lower Upper

64 100

66 33.8 25.6 38.4





#7

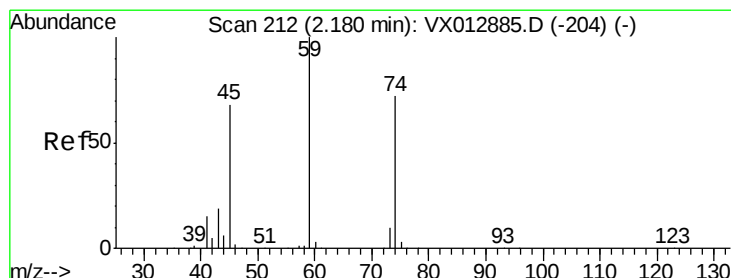
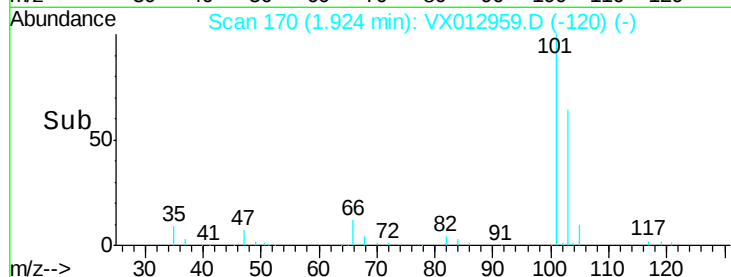
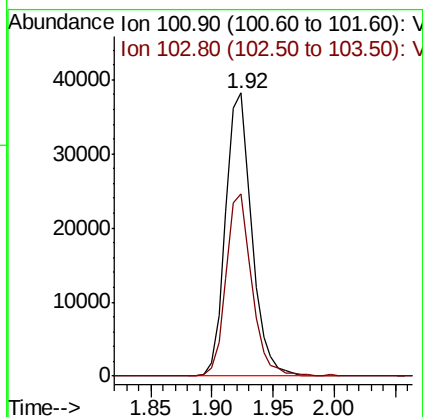
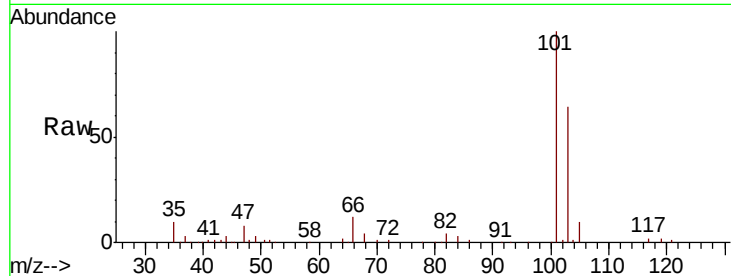
Trichlorofluoromethane
Concen: 21.176 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

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ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.5	78.7

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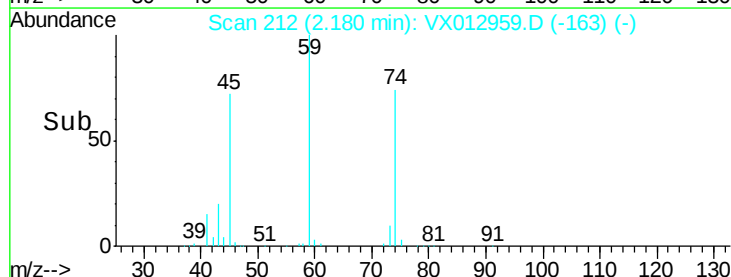
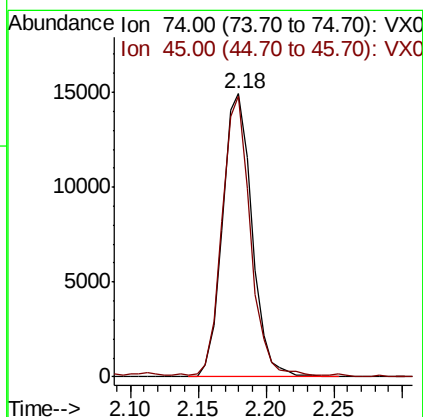
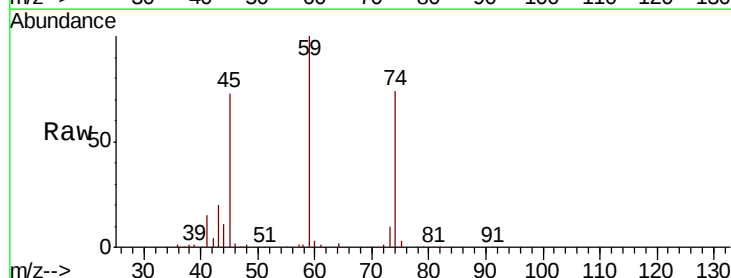
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10/10/2019 9:04:30 AM

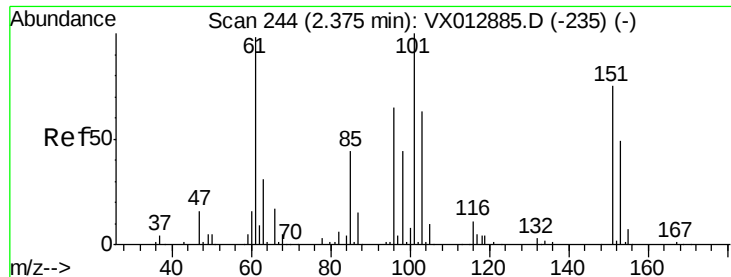


#8

Diethyl Ether
Concen: 20.843 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	47.8	143.4





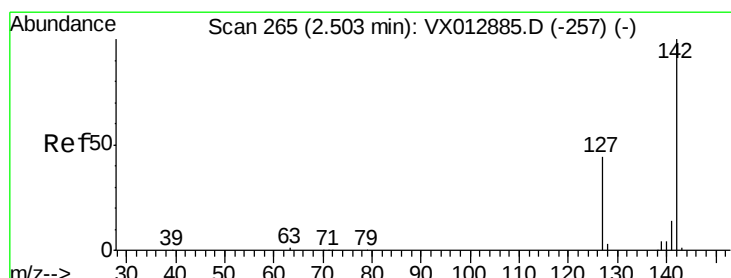
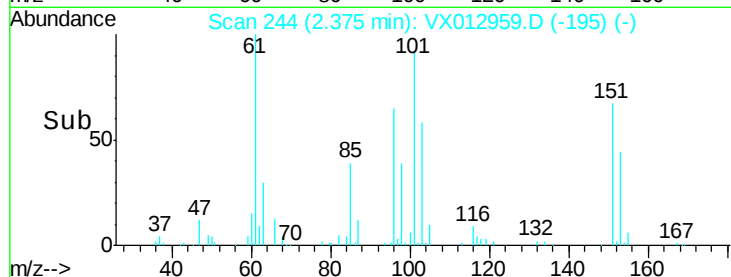
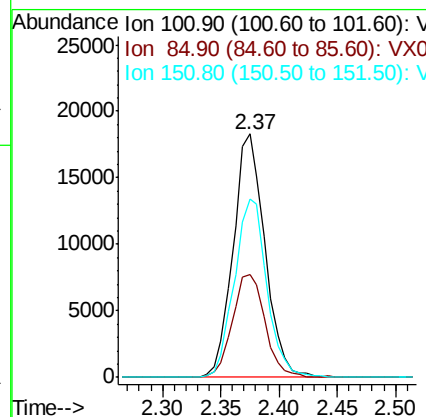
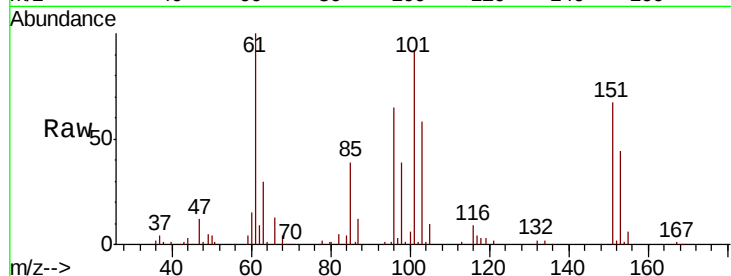
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.154 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VX012959.D
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 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.2	52.8
151	74.8	60.3	90.5

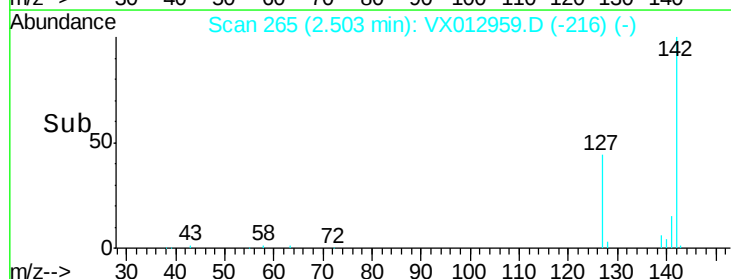
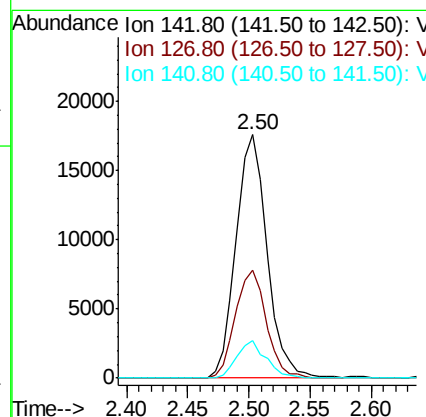
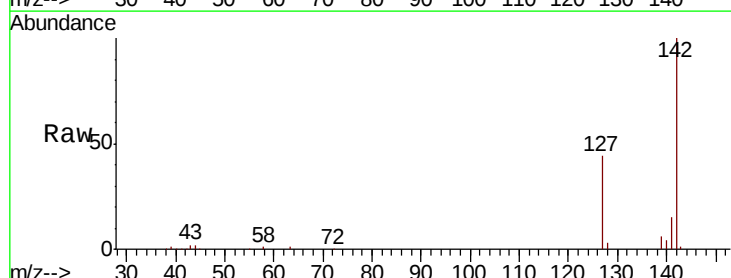
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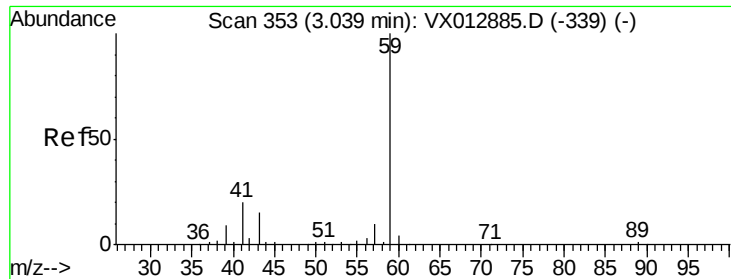
MMDadoda
 10/10/2019 9:04:30 AM



#10
 Methyl Iodide
 Concen: 19.324 ug/l
 RT: 2.50 min Scan# 265
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.1	34.9	52.3
141	14.6	11.6	17.4





#11

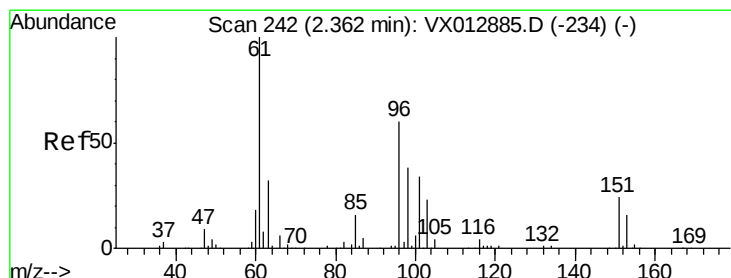
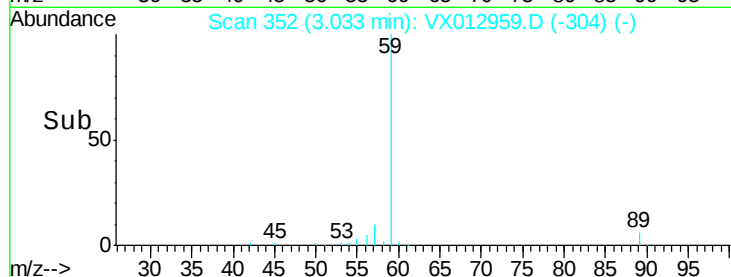
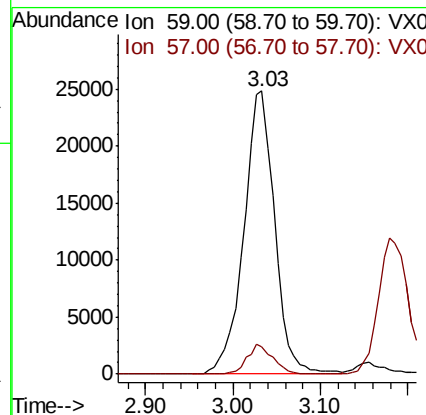
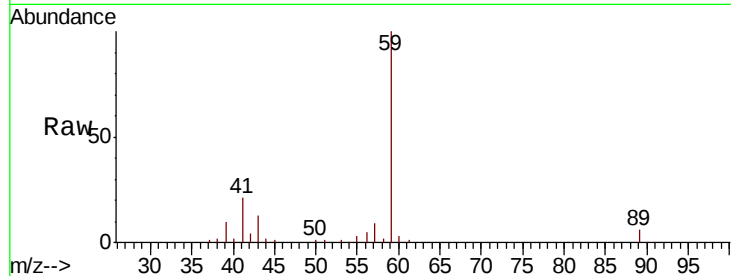
Tert butyl alcohol
Concen: 106.220 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.3	12.5

Manual Integrations
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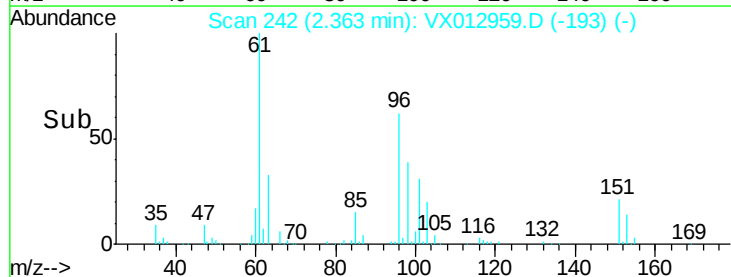
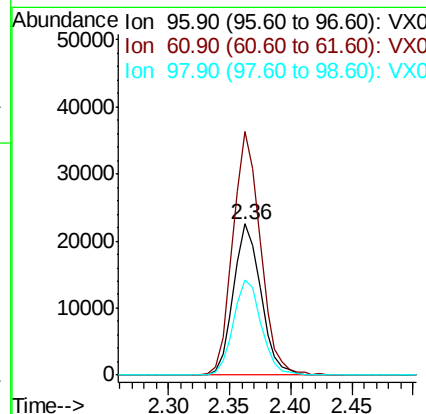
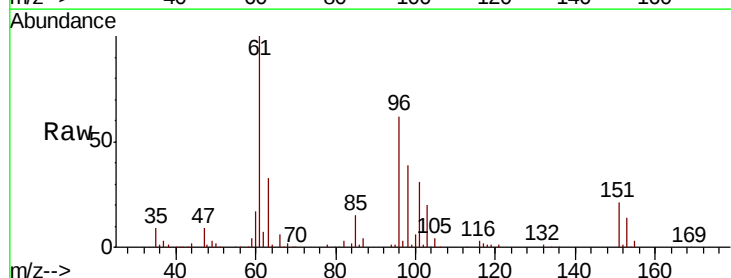
MMDadoda
10/10/2019 9:04:30 AM

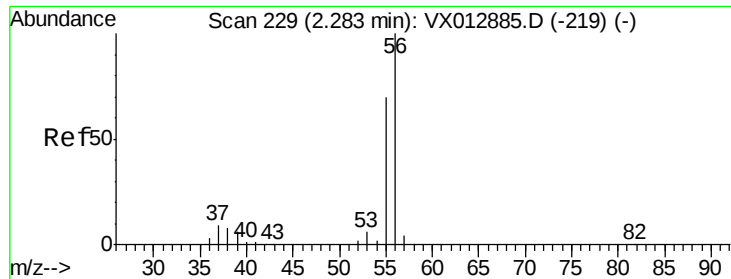


#12

1,1-Dichloroethene
Concen: 20.054 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	132.2	198.4
98	63.3	50.5	75.7





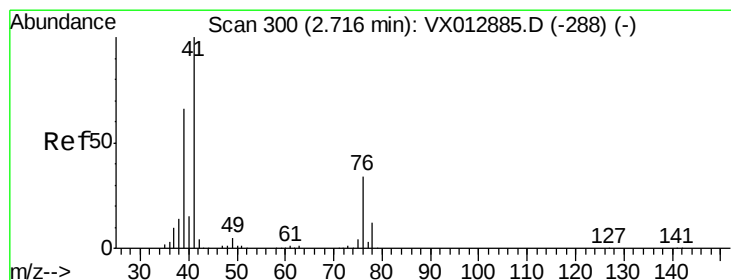
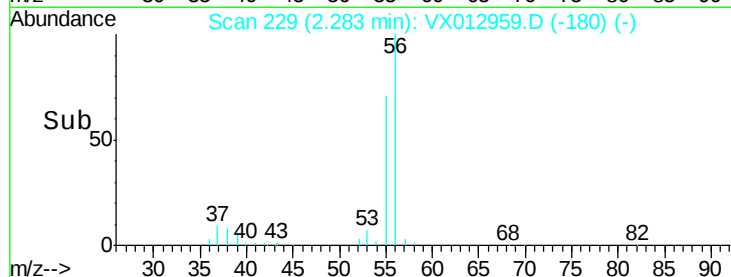
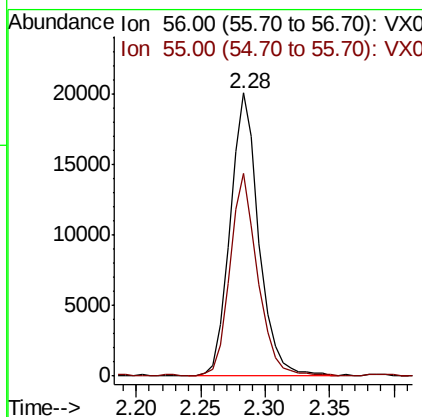
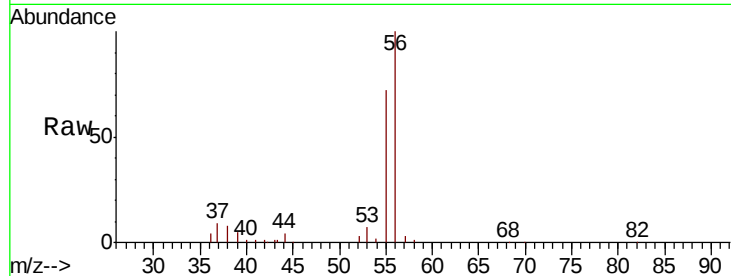
#13
Acrolein
Concen: 76.610 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 56 Resp: 31109
Ion Ratio Lower Upper
56 100
55 69.6 56.6 85.0

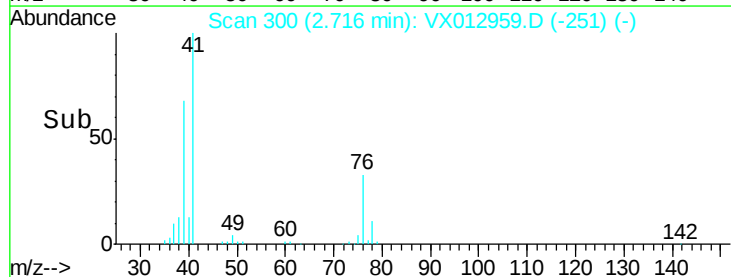
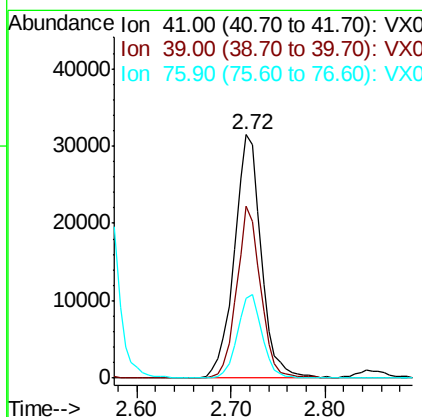
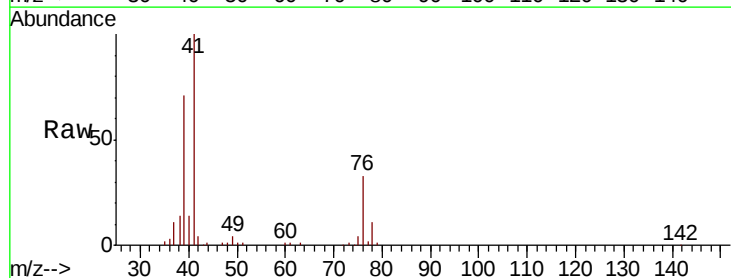
Manual Integrations
APPROVED

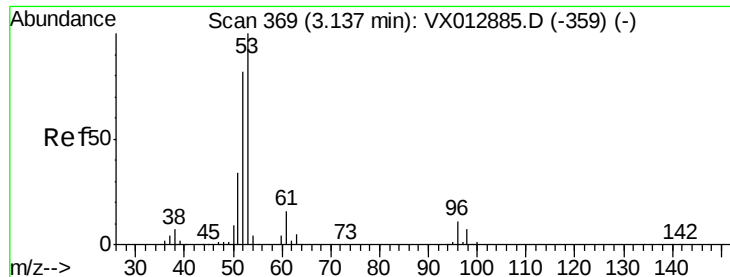
MMDadoda
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#14
Allyl chloride
Concen: 20.148 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 41 Resp: 62531
Ion Ratio Lower Upper
41 100
39 63.2 51.0 76.6
76 31.5 26.2 39.4





#15

Acrylonitrile

Concen: 105.705 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

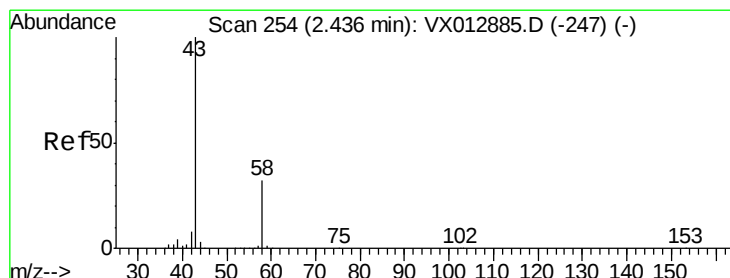
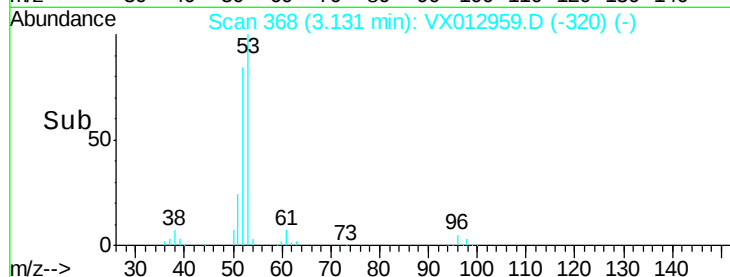
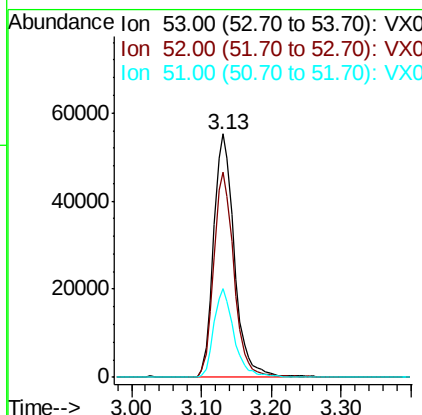
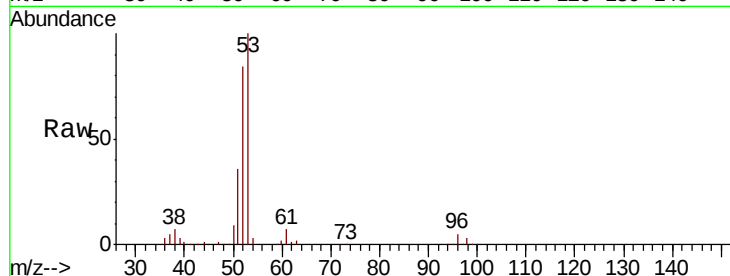
ClientSampleId :

VX1009WBS02

Tot Ion:	53	Resp:	114462
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.2
51	35.5	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 86.201 ug/l

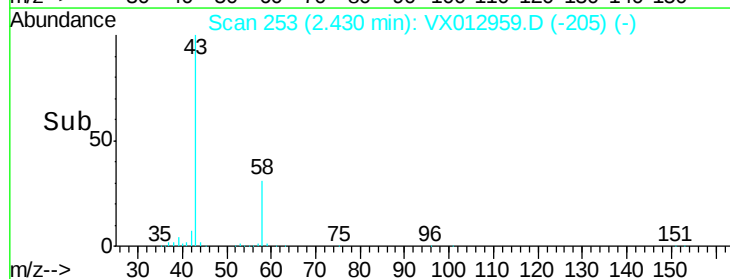
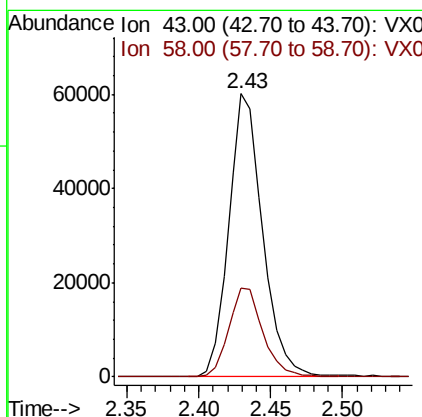
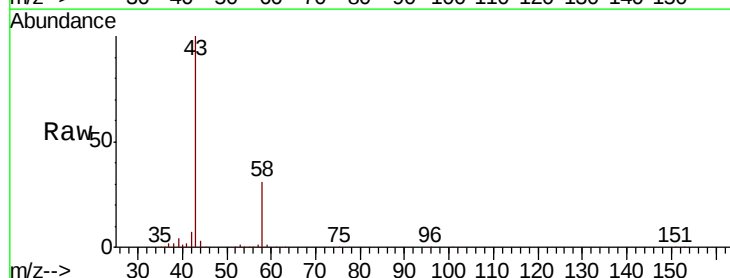
RT: 2.43 min Scan# 253

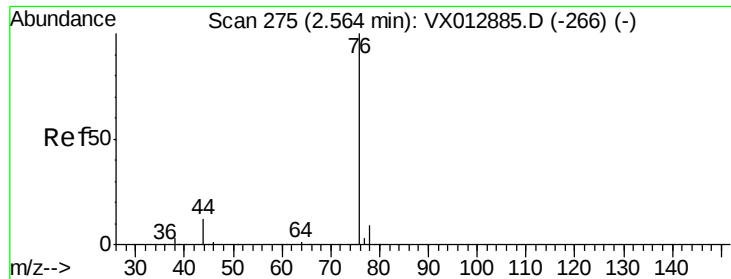
Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Tgt Ion:	43	Resp:	97938
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.4	38.2





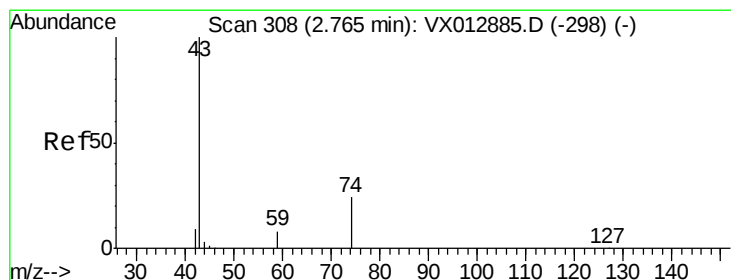
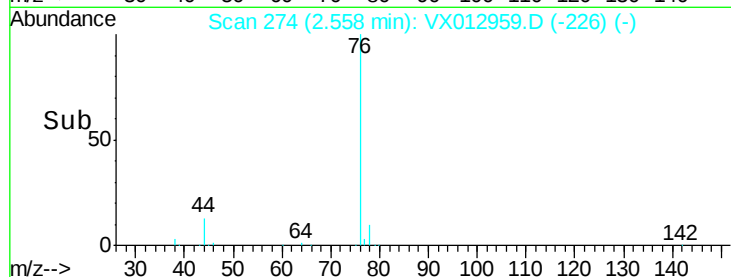
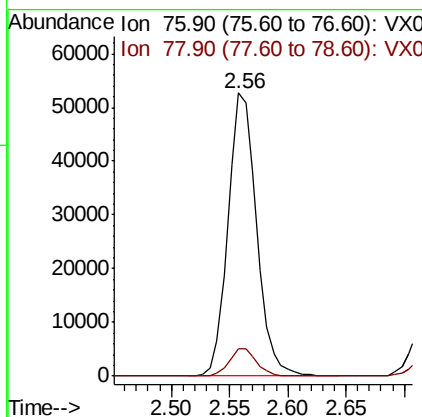
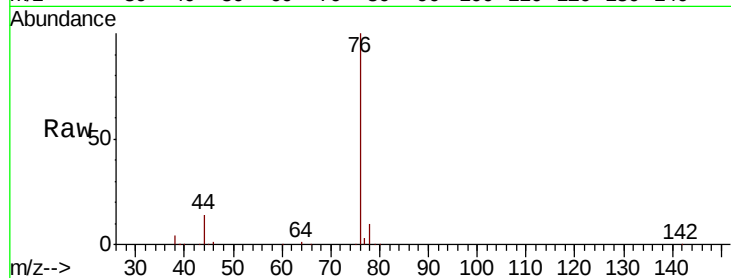
#17
Carbon Disulfide
Concen: 18.123 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

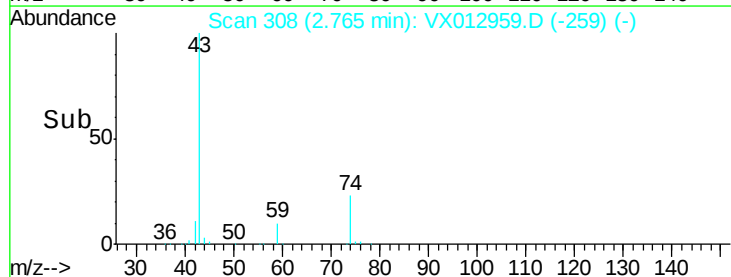
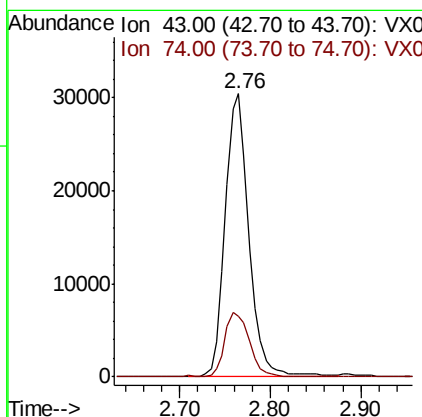
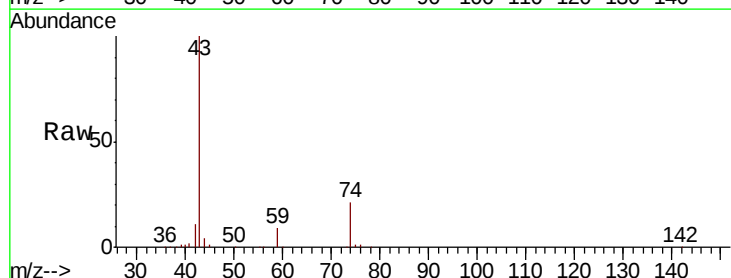
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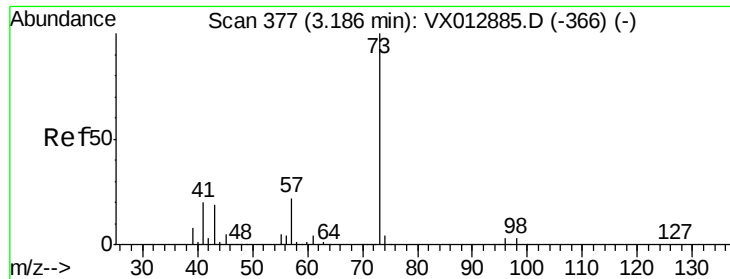
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#18
Methyl Acetate
Concen: 20.605 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.2	28.8





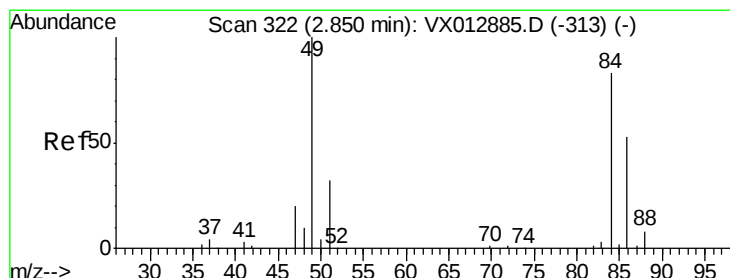
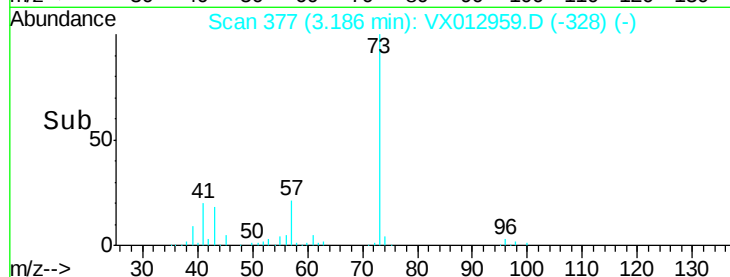
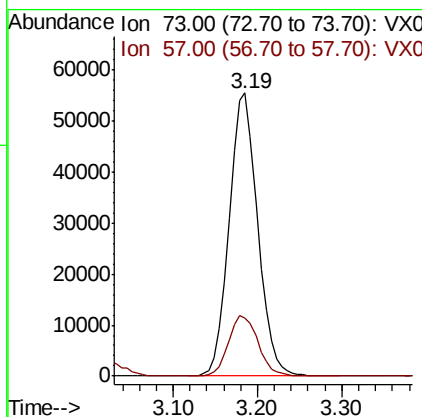
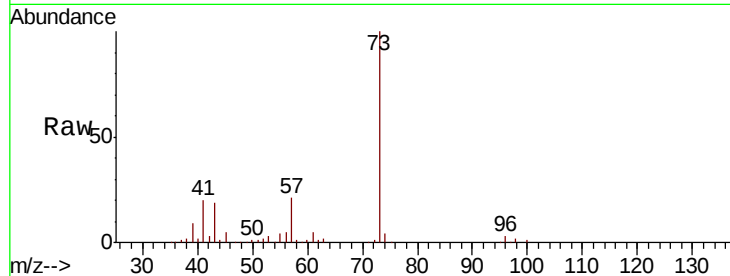
#19
Methyl tert-butyl Ether
Concen: 21.106 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 73 Resp: 127021
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.6

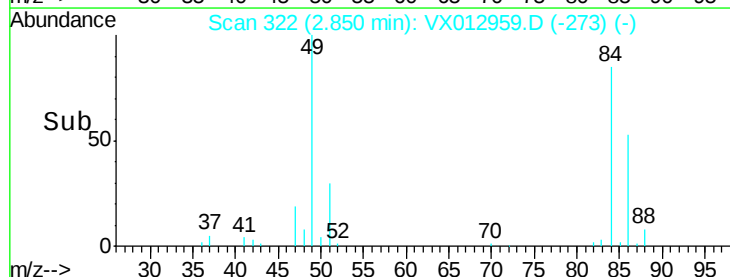
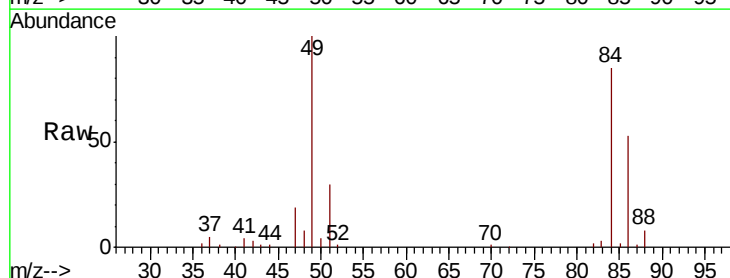
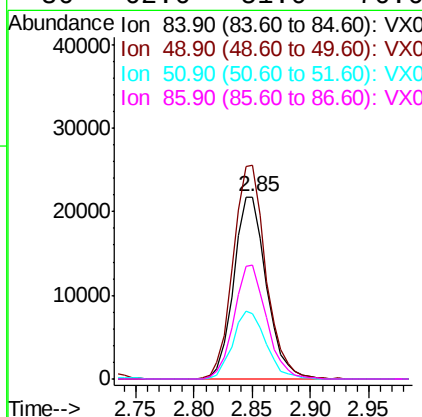
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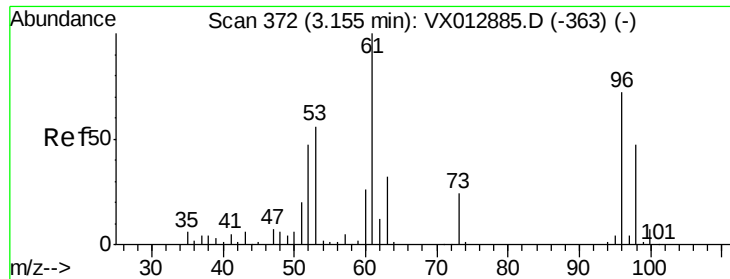
MMDadoda
10/10/2019 9:04:30 AM



#20
Methylene Chloride
Concen: 20.458 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 84 Resp: 42716
Ion Ratio Lower Upper
84 100
49 117.1 96.6 144.8
51 35.6 30.7 46.1
86 62.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.037 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

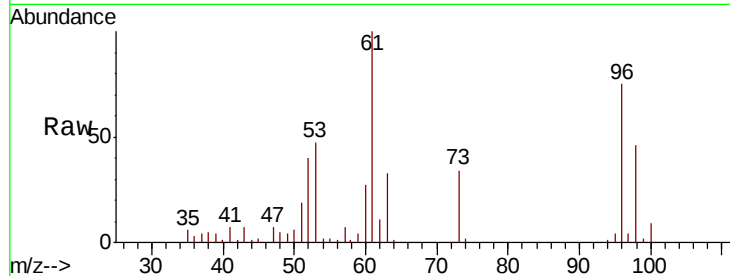
ClientSampleId :

VX1009WBS02

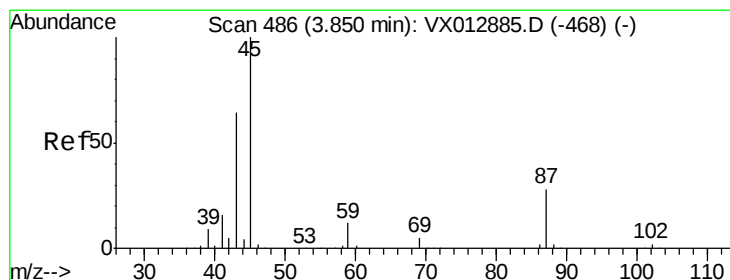
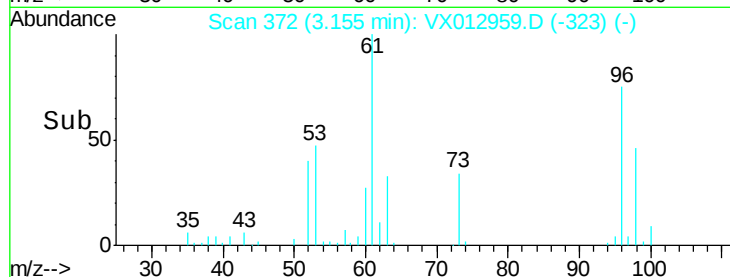
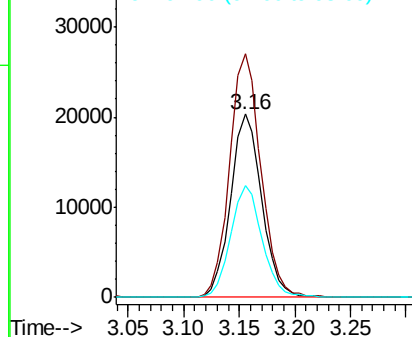
Tot Ion:	96	Resp:	39295
Ion	Ratio	Lower	Upper
96	100		
61	133.1	110.4	165.6
98	61.3	51.5	77.3

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.137 ug/l

RT: 3.84 min Scan# 485

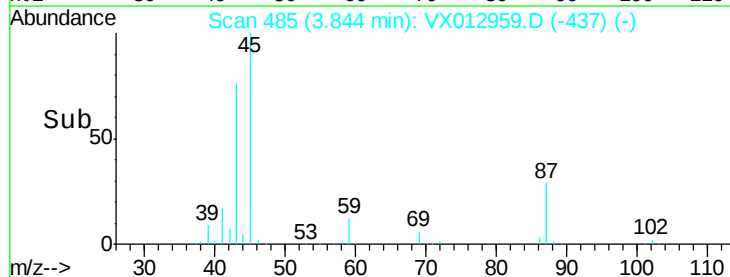
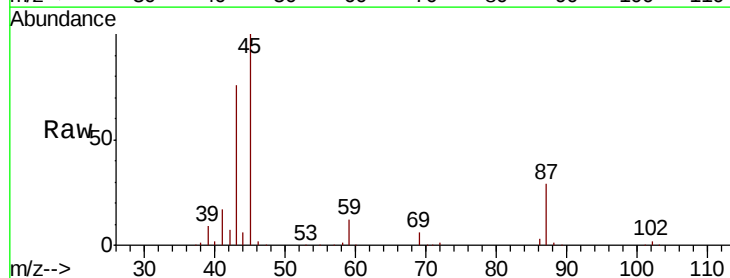
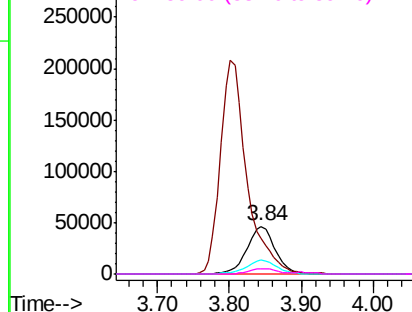
Delta R.T. -0.01 min

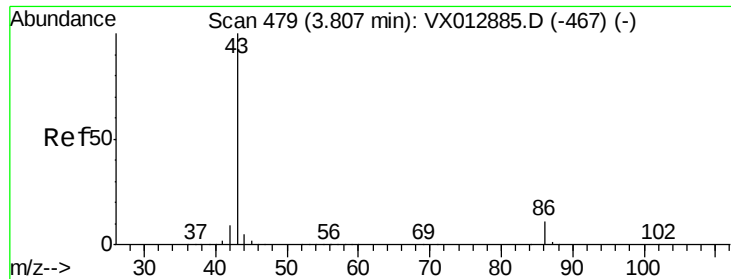
Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Tgt Ion:	45	Resp:	125704
Ion	Ratio	Lower	Upper
45	100		
43	76.0	51.4	77.0
87	28.7	22.5	33.7
59	11.7	9.7	14.5

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.365 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 43 Resp: 535803

Ion Ratio Lower Upper

43 100

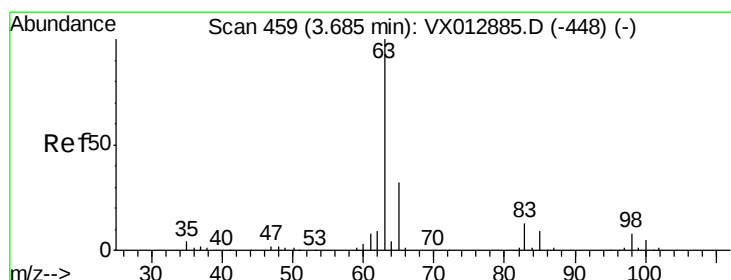
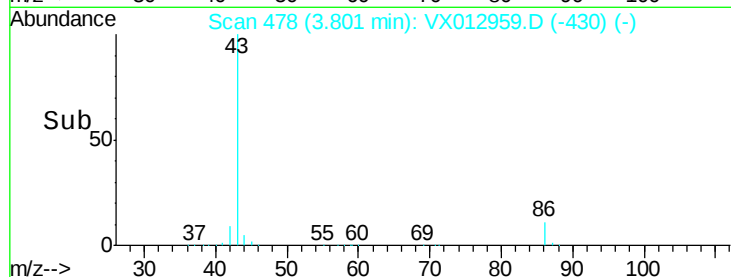
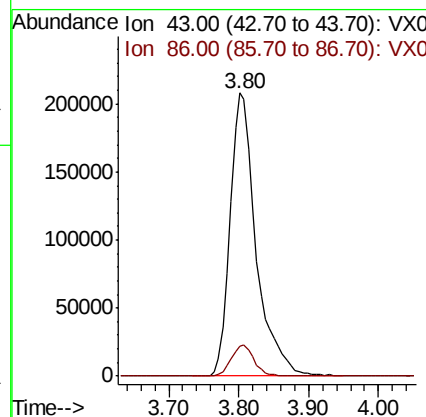
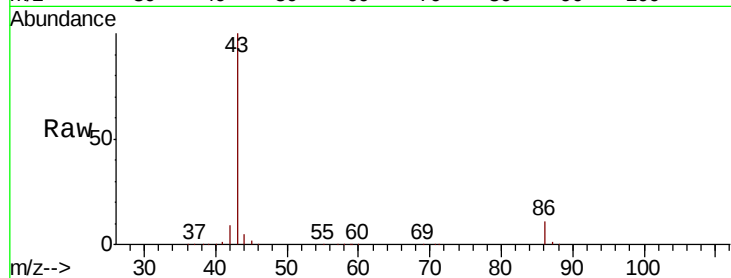
86 10.8 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.186 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

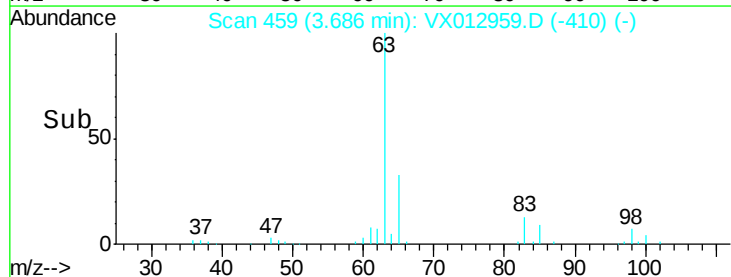
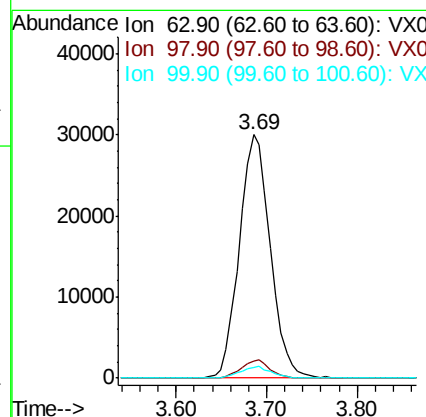
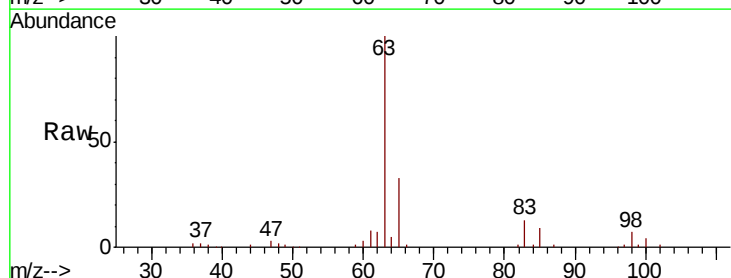
Tgt Ion: 63 Resp: 70882

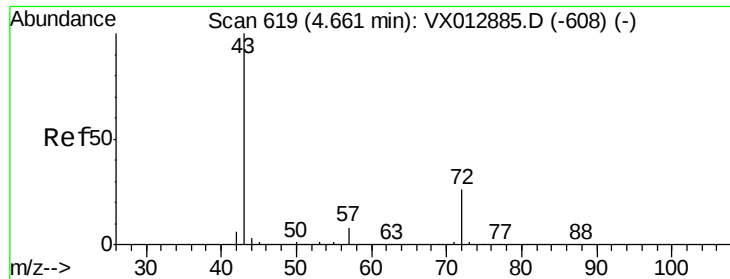
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 98.820 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 43 Resp: 155765

Ion Ratio Lower Upper

43 100

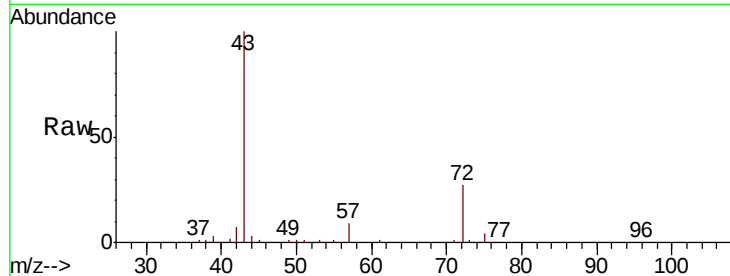
72 27.0 21.0 31.6

Manual Integrations

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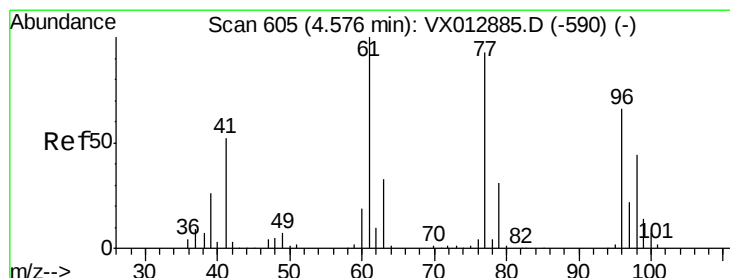
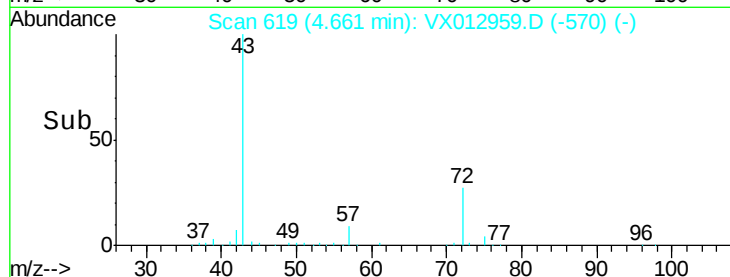
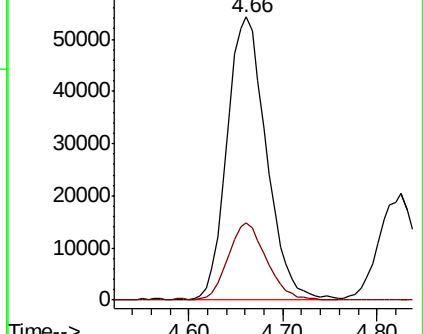
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.223 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012959.D

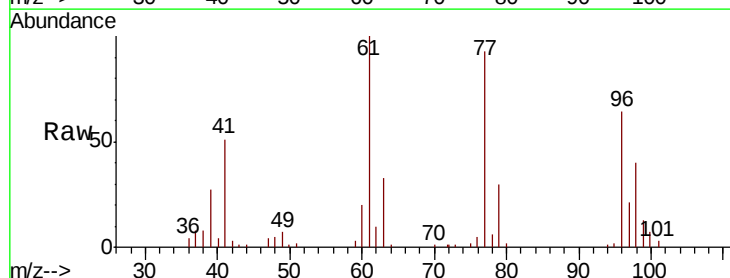
Acq: 09 Oct 2019 22:21

Tgt Ion: 77 Resp: 48456

Ion Ratio Lower Upper

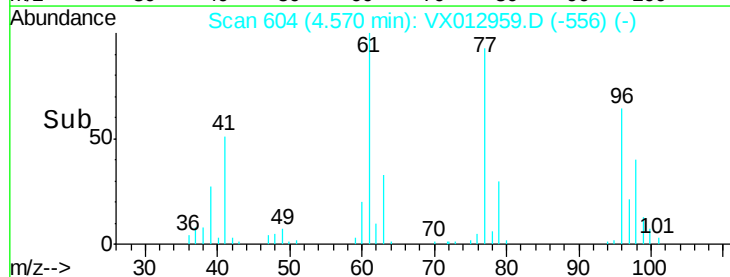
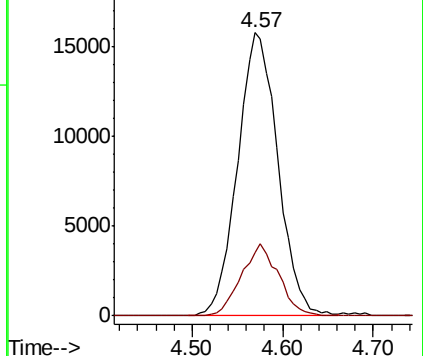
77 100

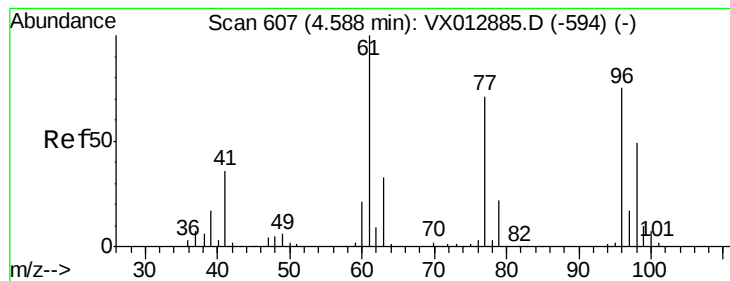
97 23.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

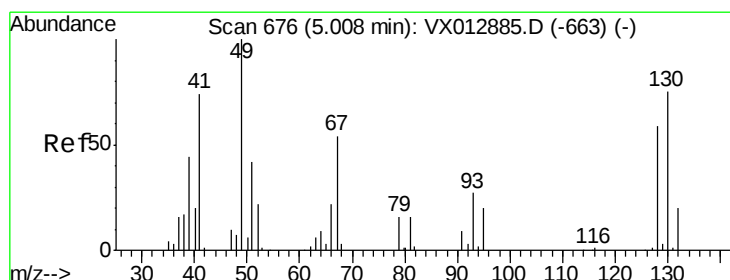
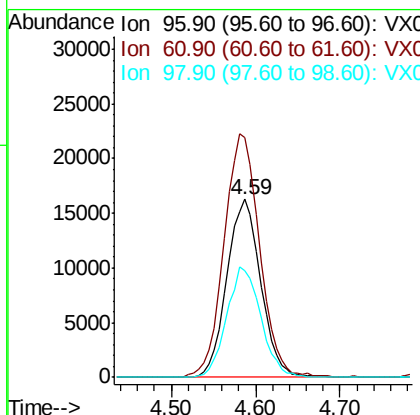
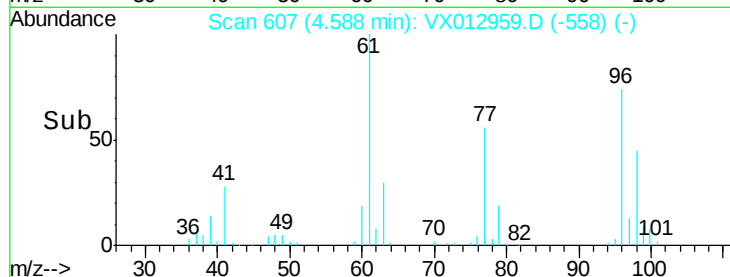
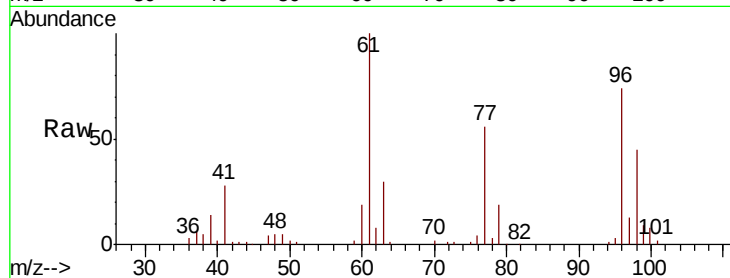
cis-1,2-Dichloroethene
Concen: 20.613 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	44382		
61	144.6		0.0	290.6
98	62.6		0.0	128.8

Manual Integrations
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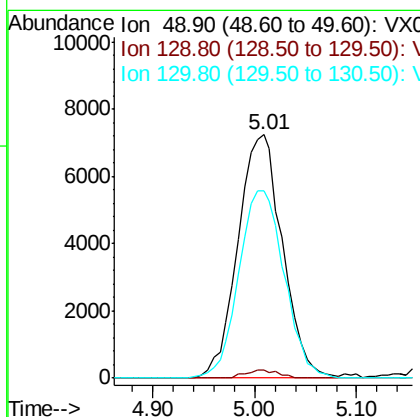
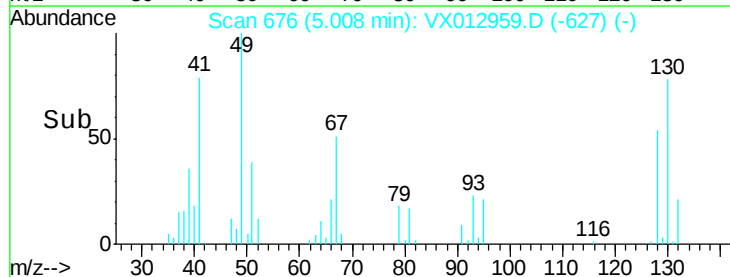
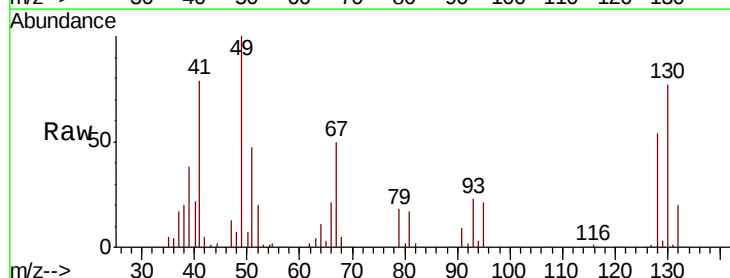
MMDadoda
10/10/2019 9:04:30 AM

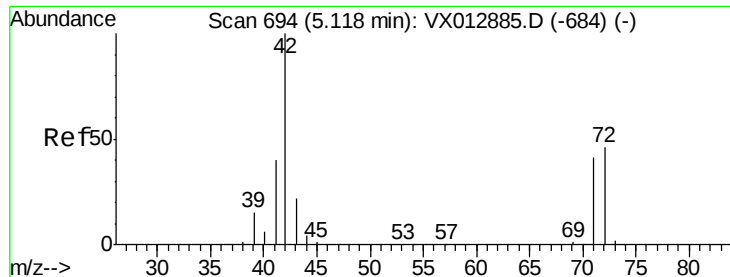


#28

Bromochloromethane
Concen: 21.696 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	21946		
129	2.4		0.0	4.2
130	78.8		62.1	93.1





#29

Tetrahydrofuran

Concen: 103.040 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

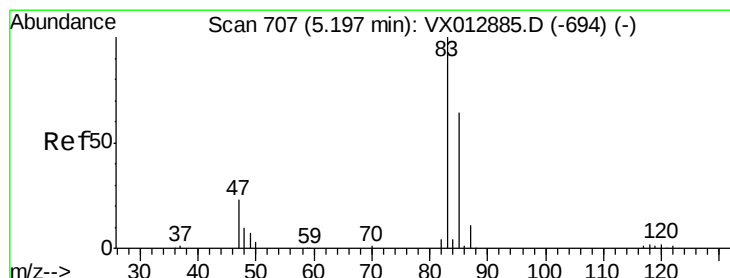
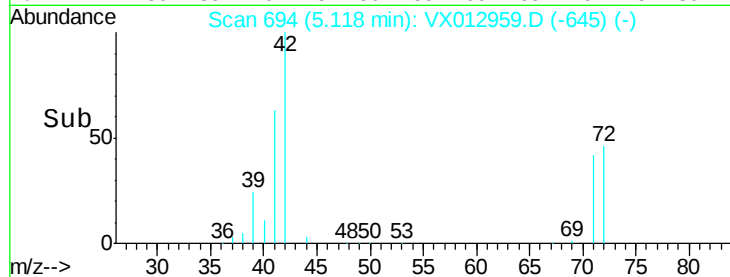
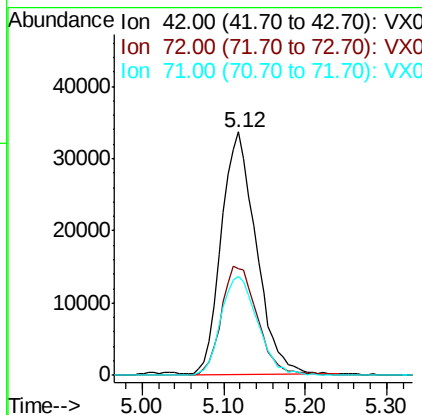
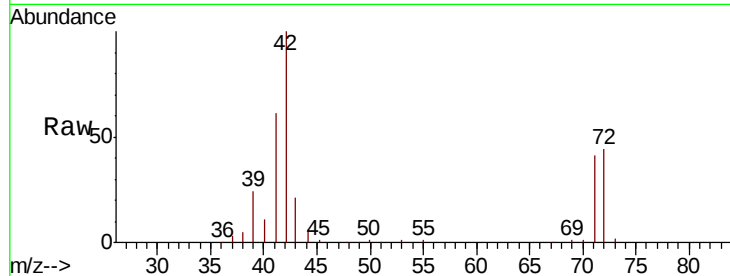
ClientSampleId :

VX1009WBS02

Tot Ion:	42	Resp:	99946
Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.9	55.3
71	42.7	33.5	50.3

Manual Integrations
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#30

Chloroform

Concen: 20.670 ug/l

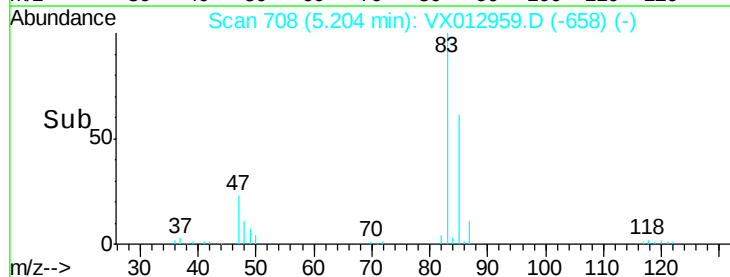
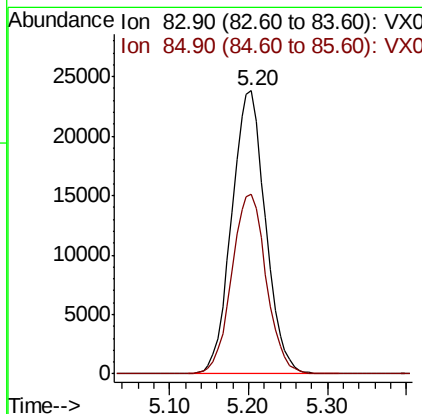
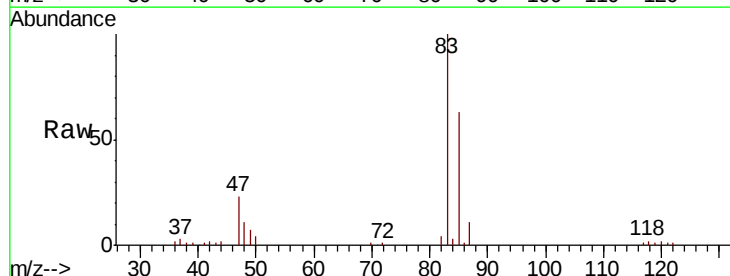
RT: 5.20 min Scan# 708

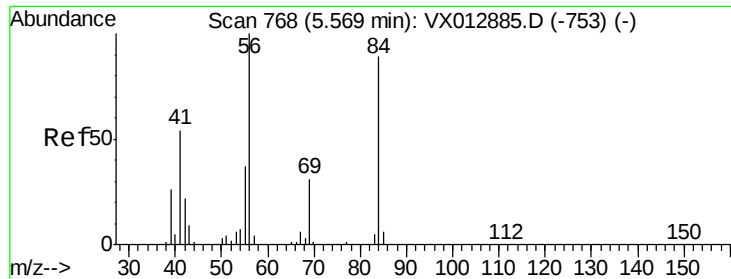
Delta R.T. 0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Tgt Ion:	83	Resp:	70958
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





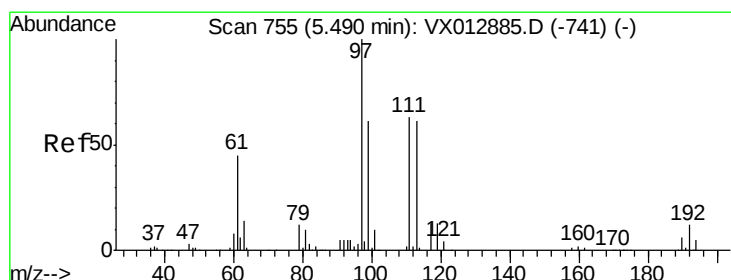
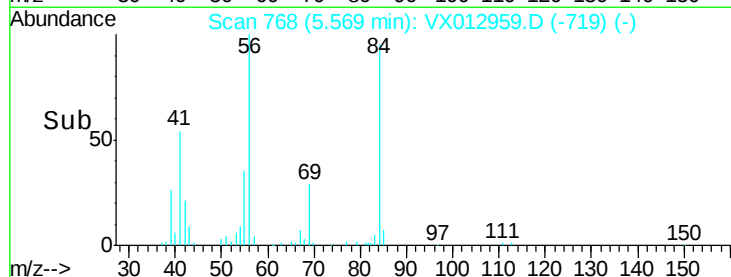
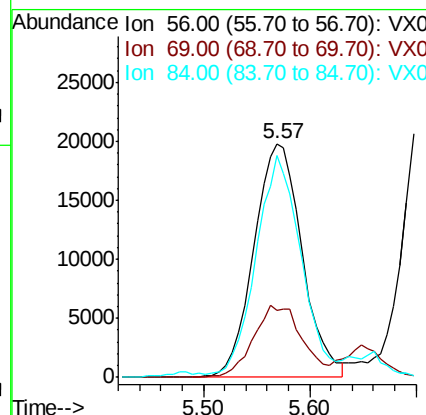
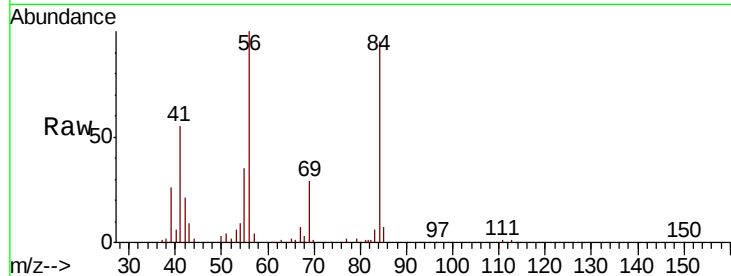
#31
Cyclohexane
Concen: 20.004 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	25.2	37.8
84	93.5	71.3	106.9

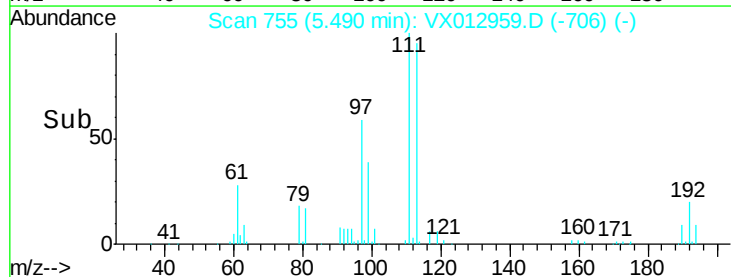
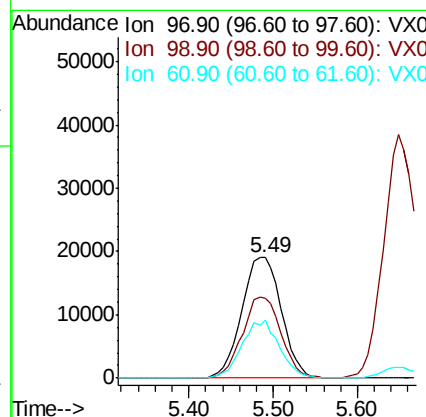
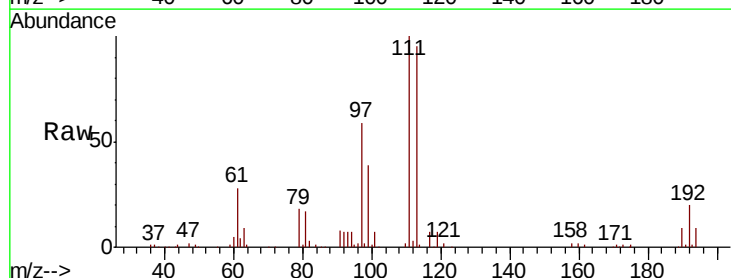
Manual Integrations
APPROVED

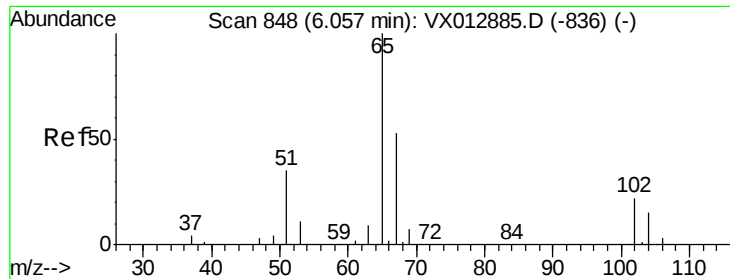
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#32
1,1,1-Trichloroethane
Concen: 20.886 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.3	78.5
61	45.2	35.0	52.4





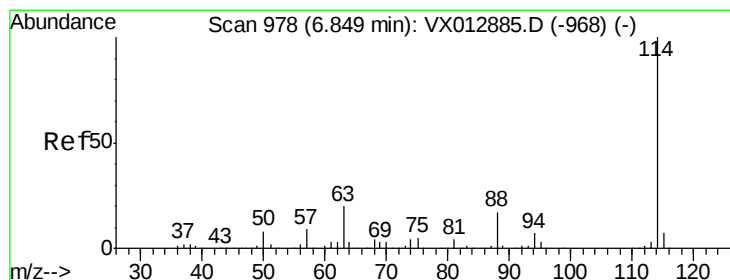
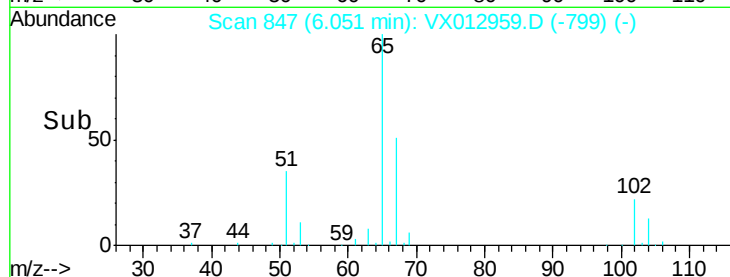
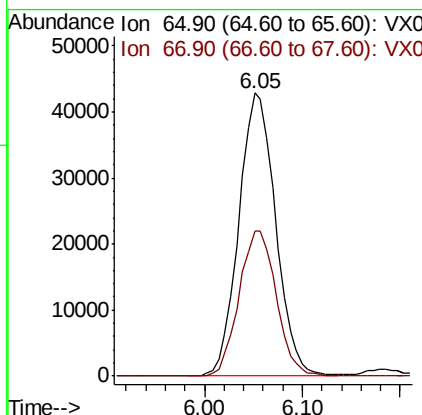
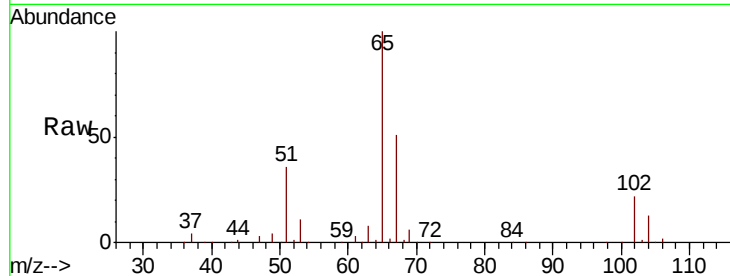
#33
 1,2-Dichloroethane-d4
 Concen: 51.979 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4

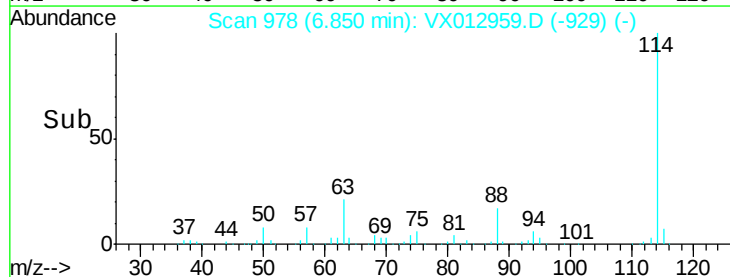
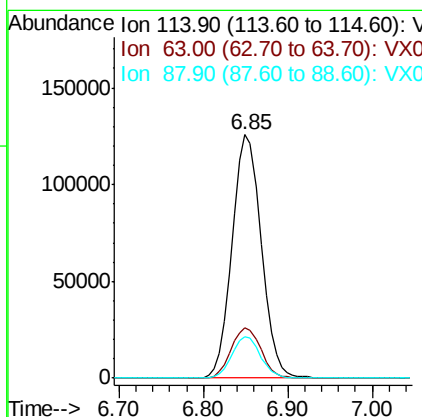
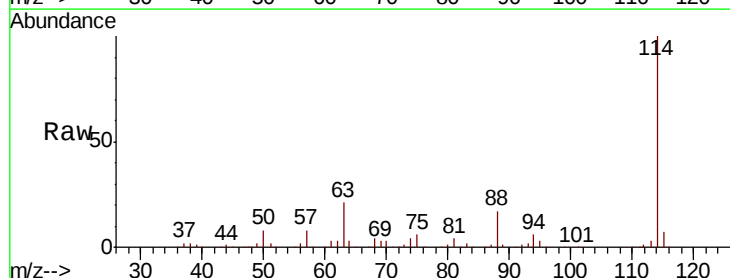
Manual Integrations
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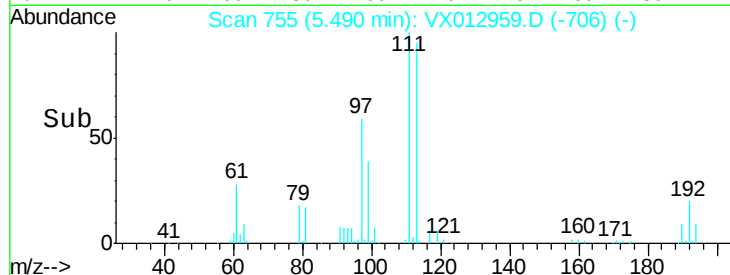
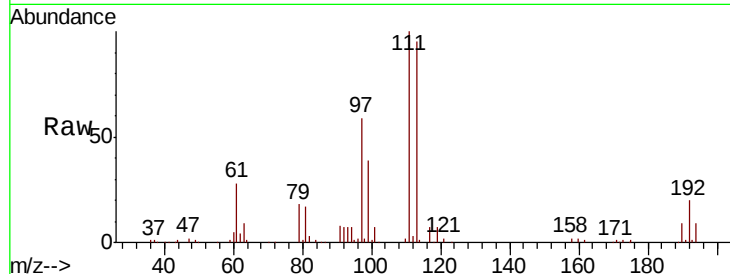
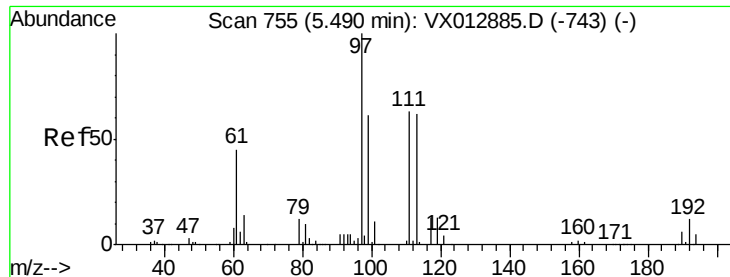
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 10/10/2019 9:04:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	17.2	0.0	33.8





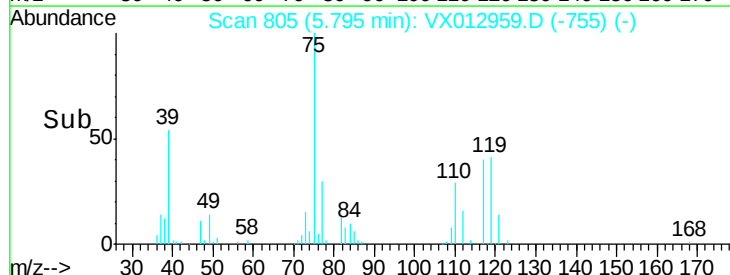
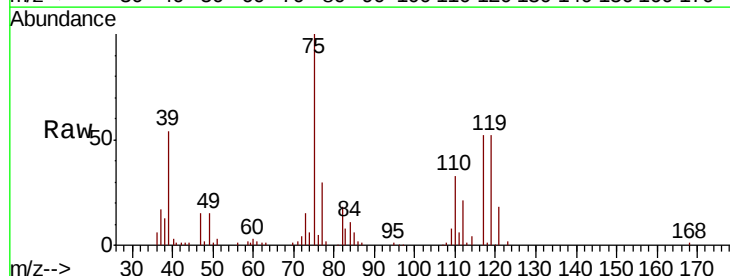
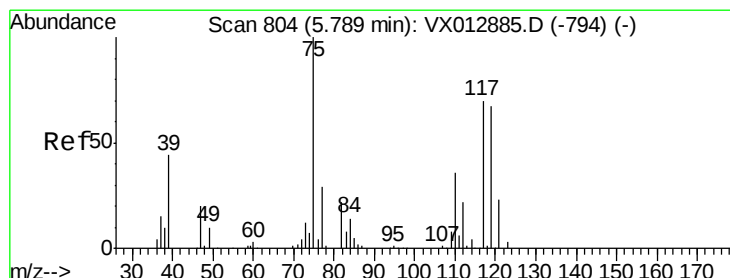
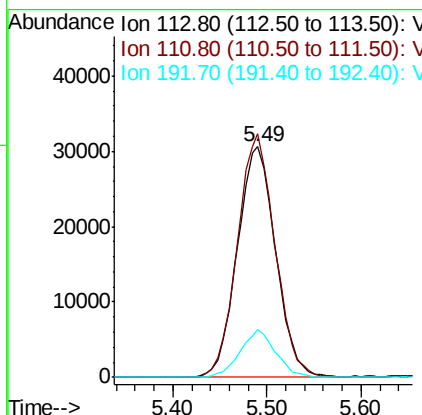
#35
Dibromofluoromethane
Concen: 51.344 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	19.0	15.4	23.2

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

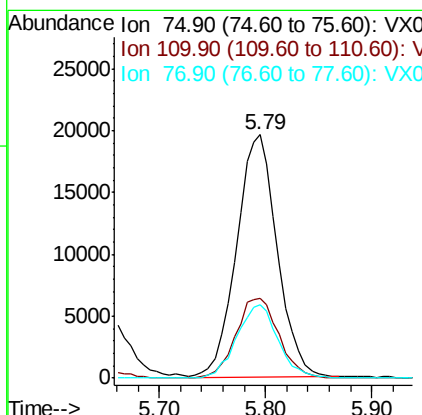
Manual Integrations
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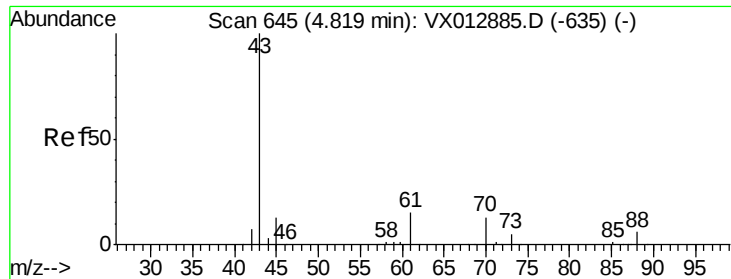
MMDadoda
10/10/2019 9:04:30 AM



#36
1,1-Dichloropropene
Concen: 20.114 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.6	52.9
77	30.8	24.4	36.6





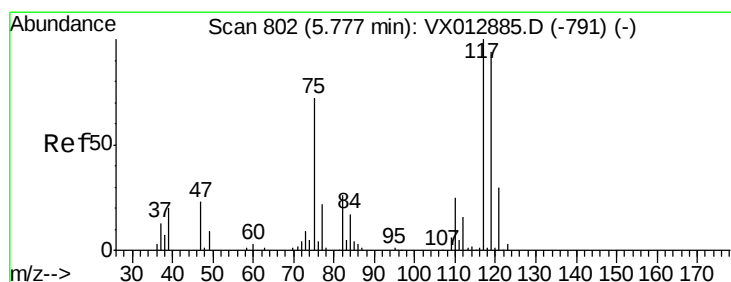
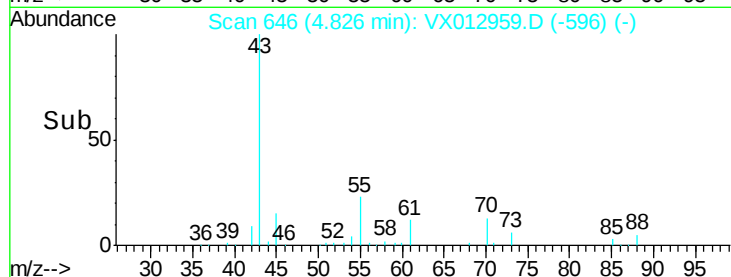
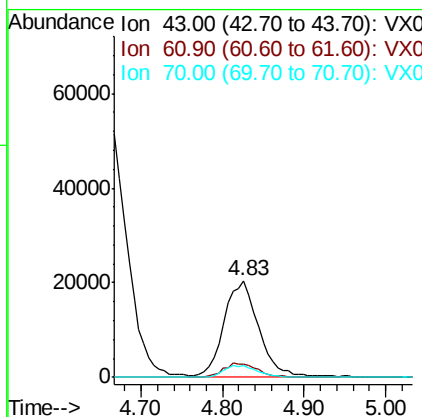
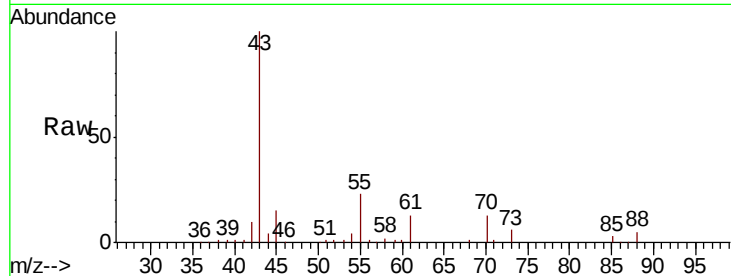
#37
Ethyl Acetate
Concen: 20.120 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.4	17.0
70	12.4	9.8	14.6

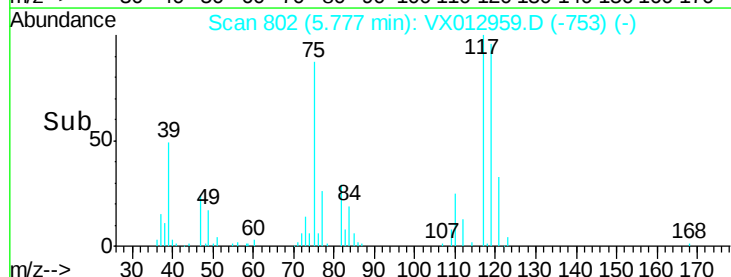
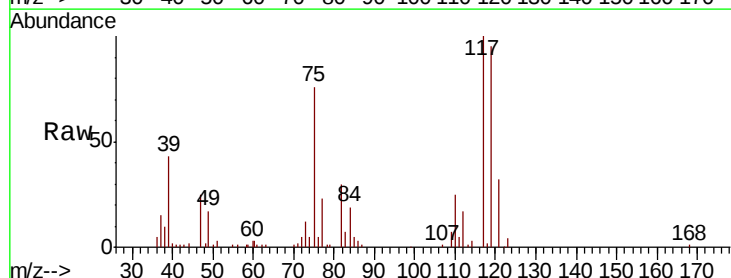
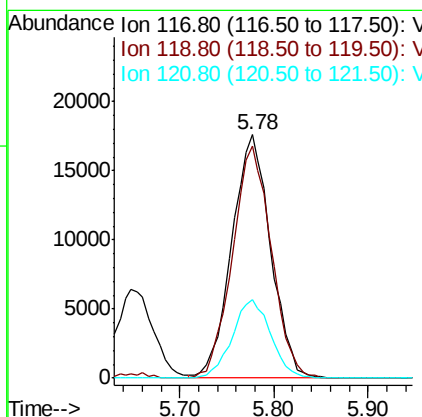
Manual Integrations
APPROVED

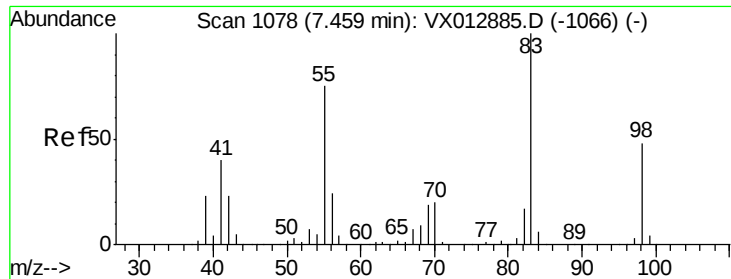
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10/10/2019 9:04:30 AM



#38
Carbon Tetrachloride
Concen: 19.988 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.5	111.7
121	32.2	24.2	36.4





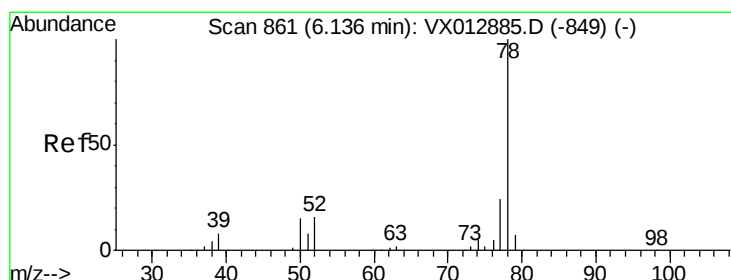
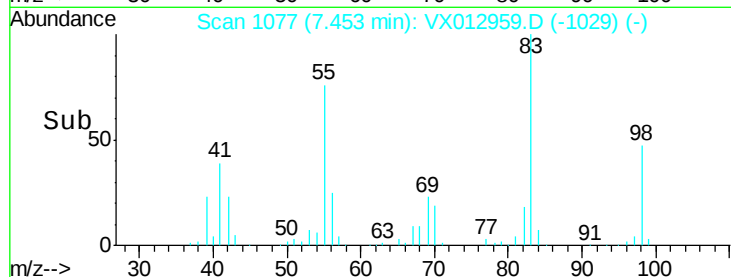
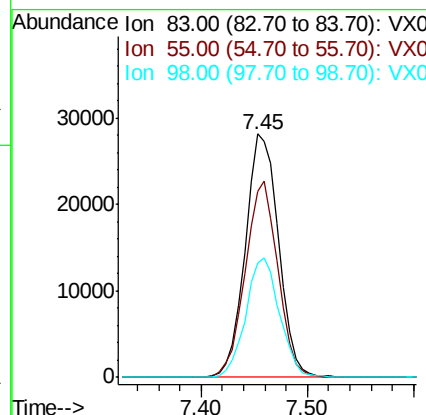
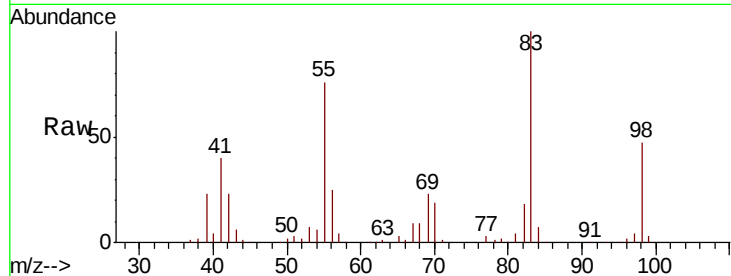
#39
Methvlcvclohexane
Concen: 19.626 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.2	90.4
98	47.0	38.5	57.7

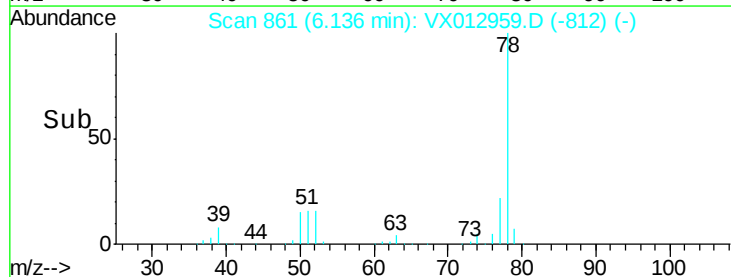
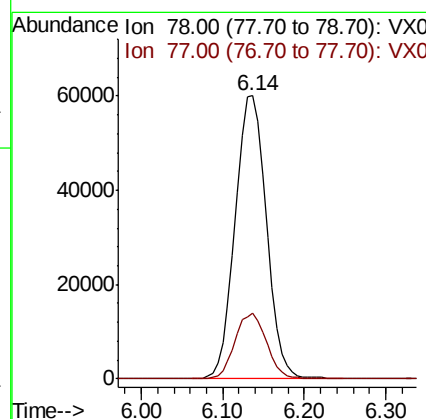
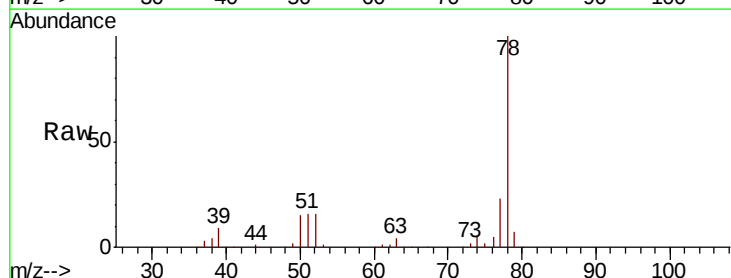
Manual Integrations
APPROVED

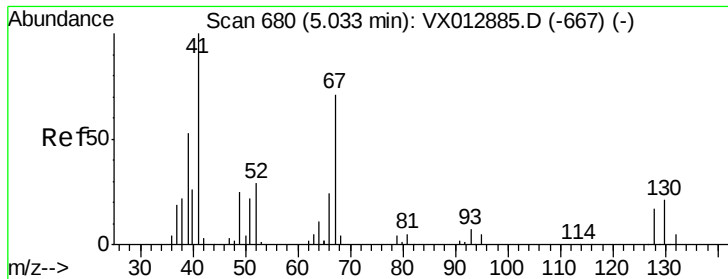
MMDadoda
10/10/2019 9:04:30 AM



#40
Benzene
Concen: 20.762 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





#41

Methacrylonitrile

Concen: 20.045 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

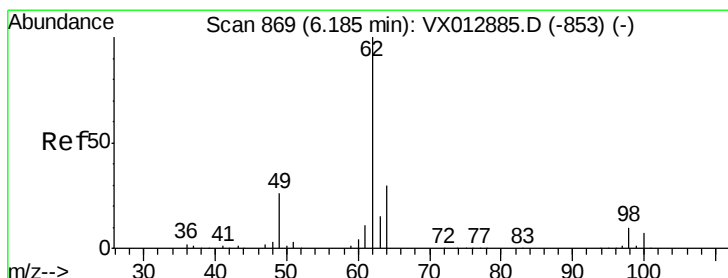
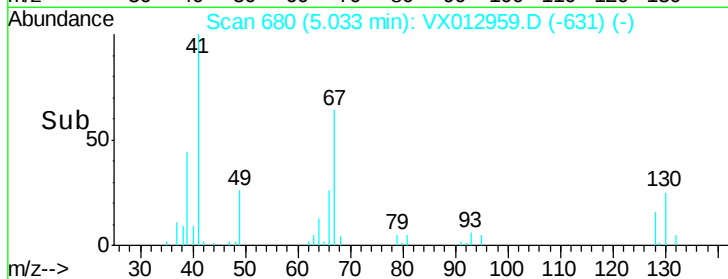
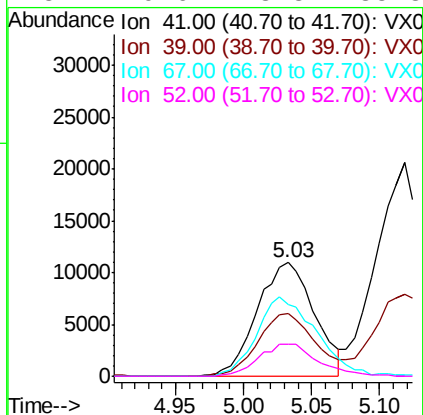
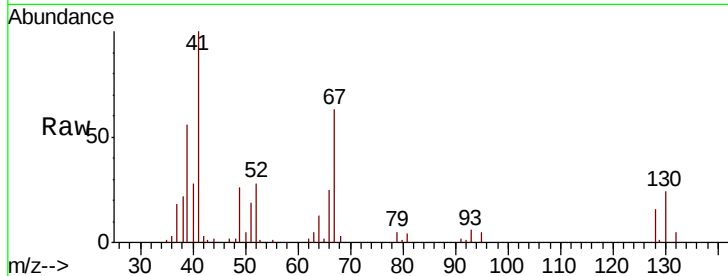
ClientSampleId :

VX1009WBS02

Tot Ion:	41	Resp:	32061
Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.0	66.0
67	73.6	58.5	87.7
52	29.6	23.8	35.8

Manual Integrations
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10/10/2019 9:04:30 AM



#42

1,2-Dichloroethane

Concen: 21.023 ug/l

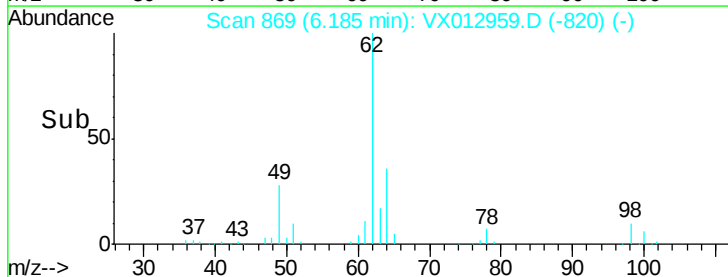
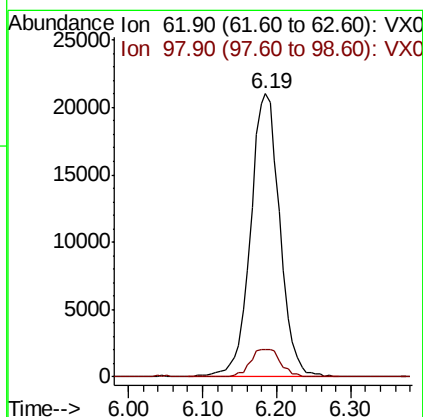
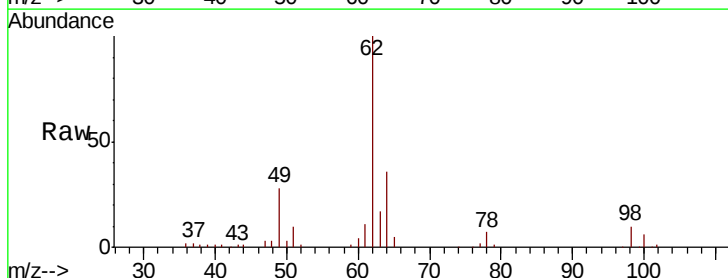
RT: 6.19 min Scan# 869

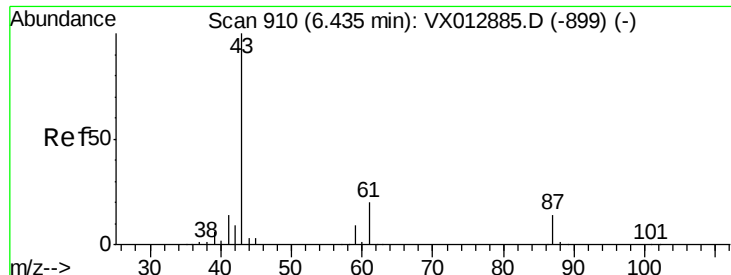
Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Tgt Ion:	62	Resp:	57997
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 20.268 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

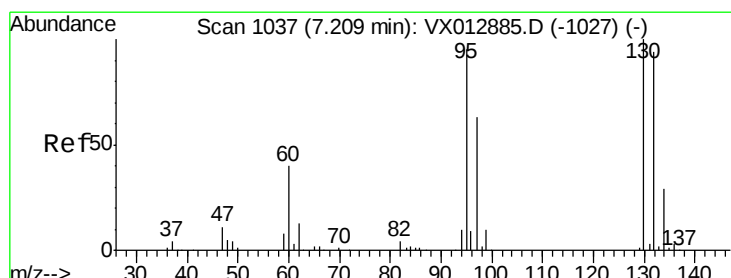
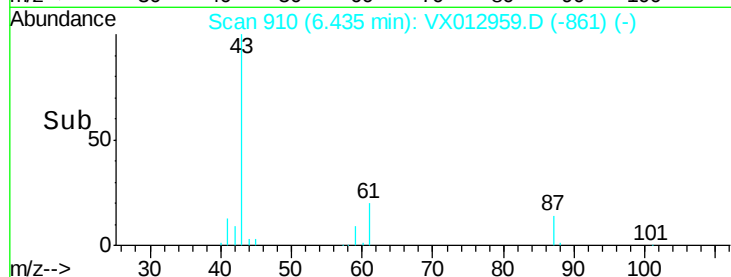
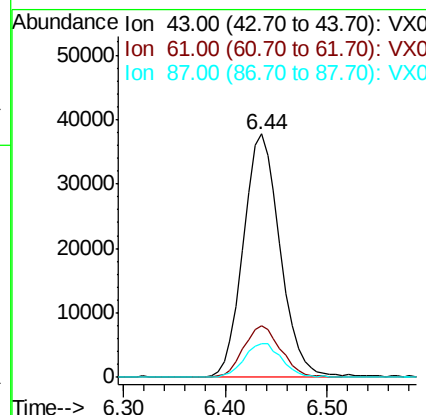
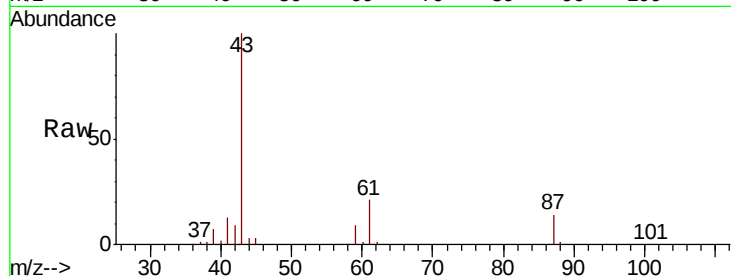
ClientSampleId :

VX1009WBS02

Tot Ion:	43	Resp:	94687
Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.6	24.8
87	14.2	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 19.224 ug/l

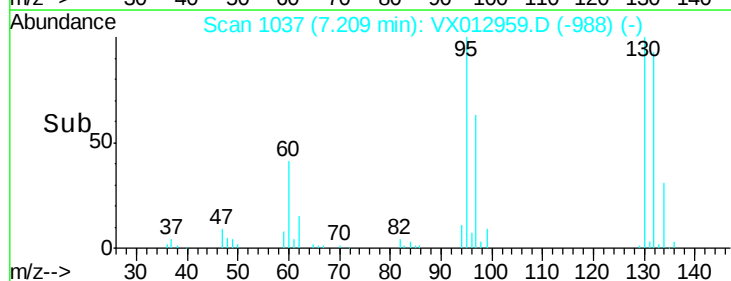
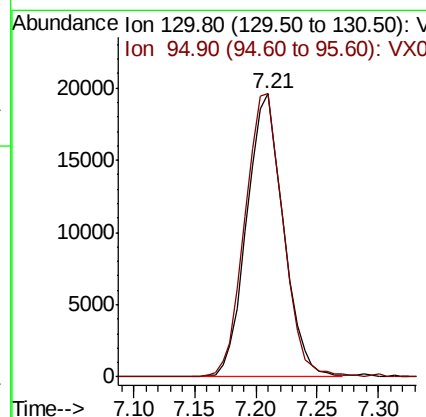
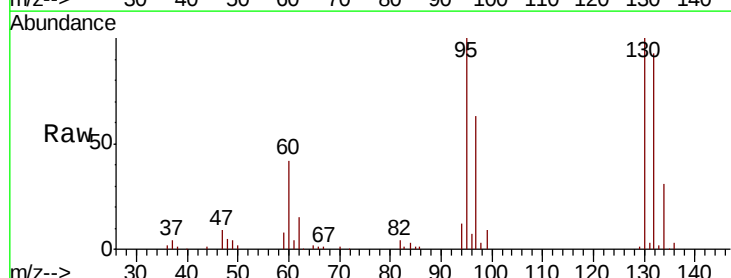
RT: 7.21 min Scan# 1037

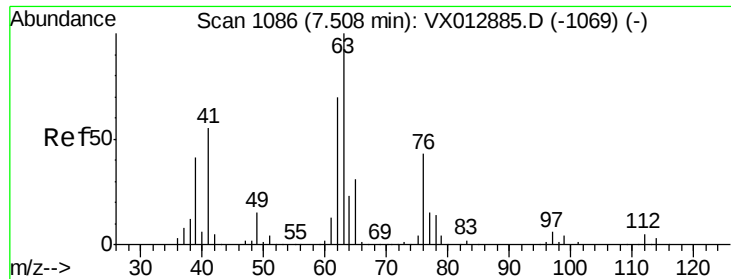
Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Tgt Ion:	130	Resp:	40984
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	189.2





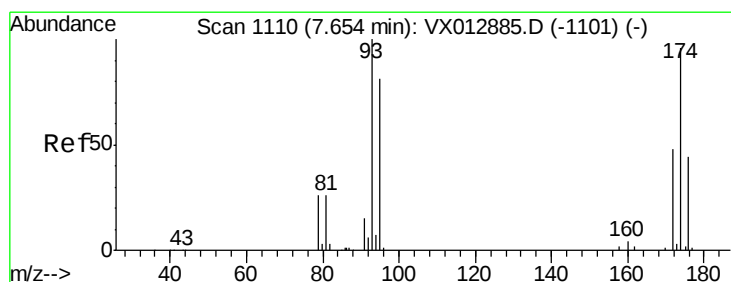
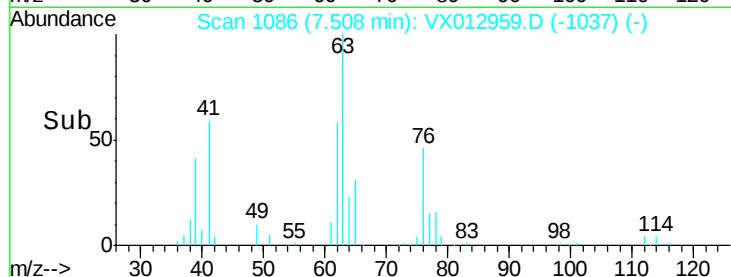
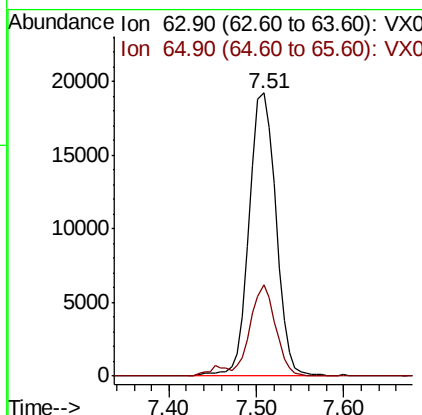
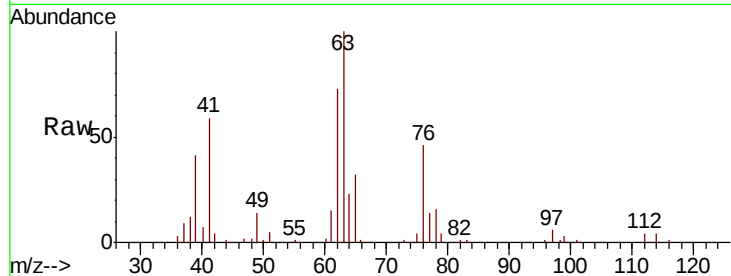
#45
 1,2-Dichloropropane
 Concen: 21.047 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion: 63 Resp: 41241
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.6 37.0

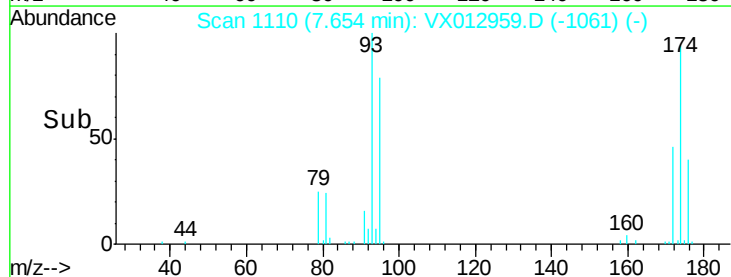
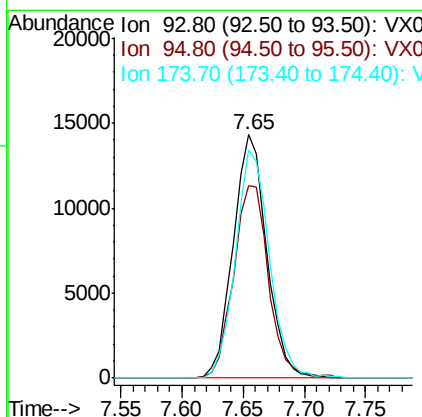
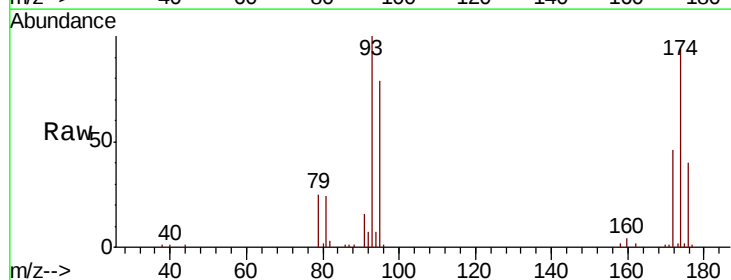
Manual Integrations
 APPROVED

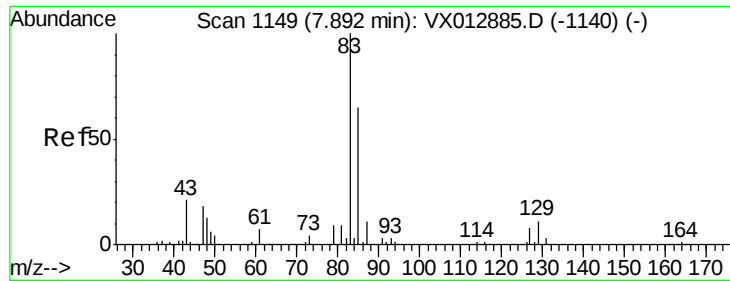
MMDadoda
 10/10/2019 9:04:30 AM



#46
 Dibromomethane
 Concen: 20.812 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 93 Resp: 27170
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.3 99.5
 174 95.2 77.8 116.6





#47

Bromodichloromethane

Concen: 20.180 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

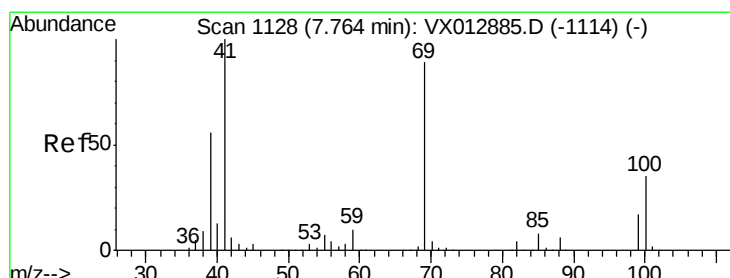
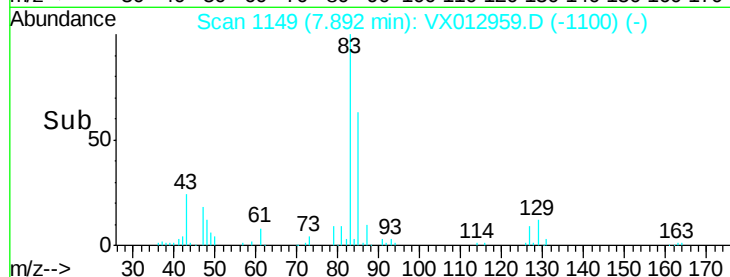
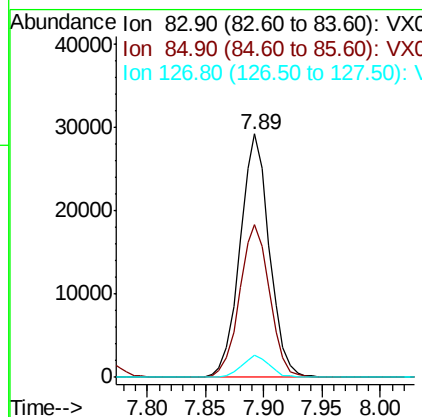
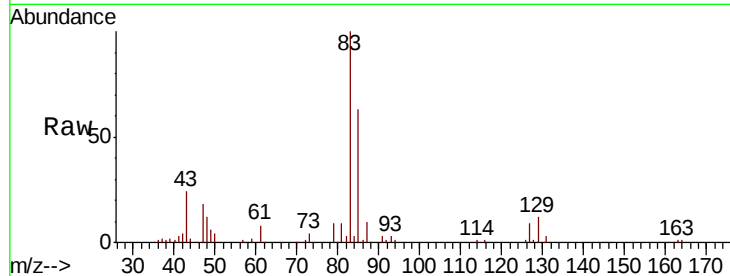
ClientSampleId :

VX1009WBS02

Tot Ion:	83	Resp:	51414
Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.4	78.6
127	8.9	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
10/10/2019 9:04:30 AM



#48

Methyl methacrylate

Concen: 20.144 ug/l

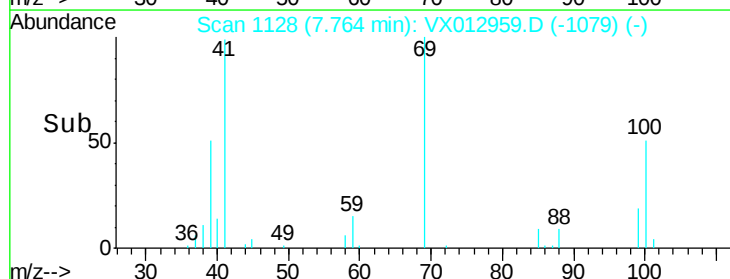
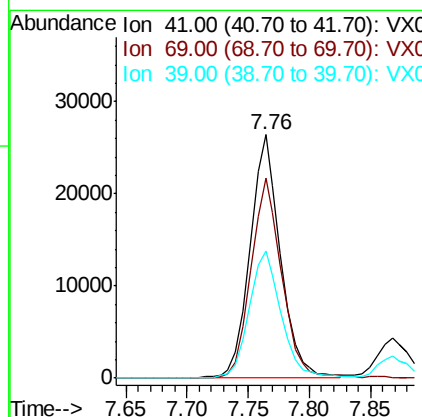
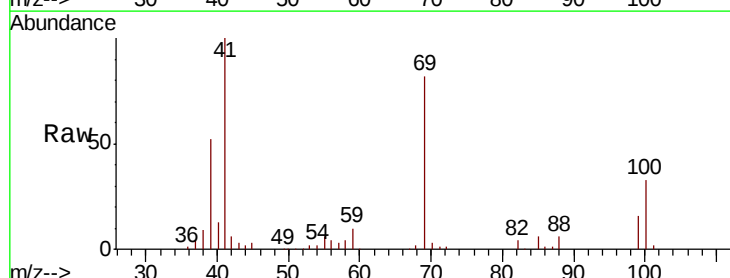
RT: 7.76 min Scan# 1128

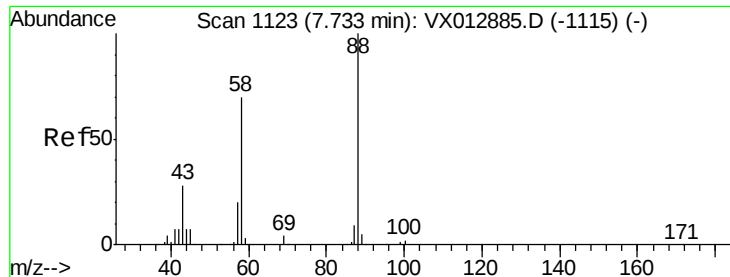
Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Tgt Ion:	41	Resp:	45861
Ion	Ratio	Lower	Upper
41	100		
69	83.0	68.7	103.1
39	54.6	44.3	66.5





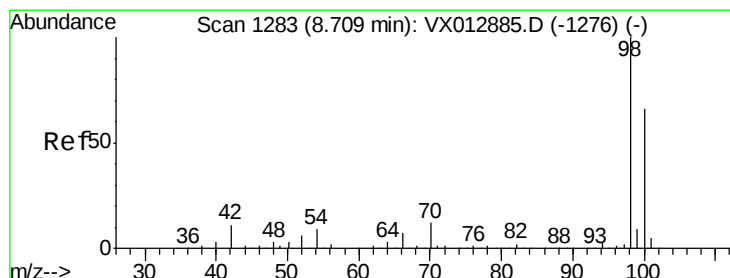
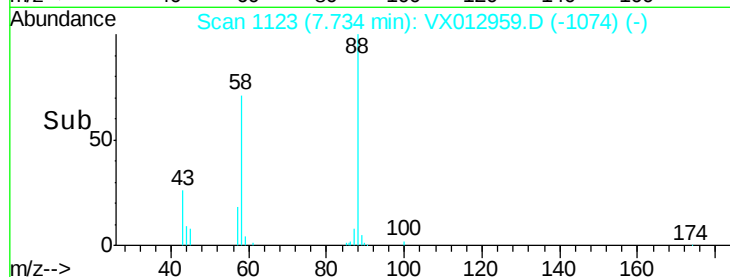
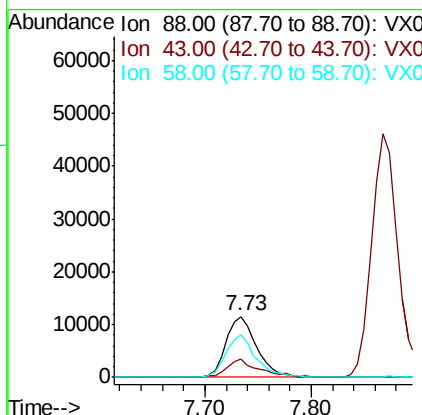
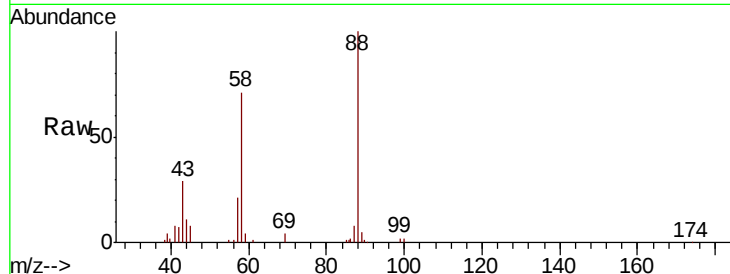
#49
1,4-Dioxane
Concen: 399.319 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.0	37.6
58	69.0	55.4	83.2

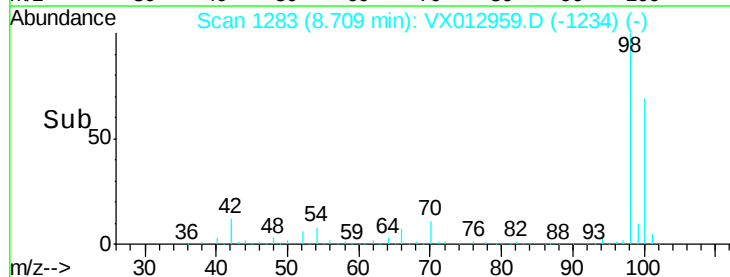
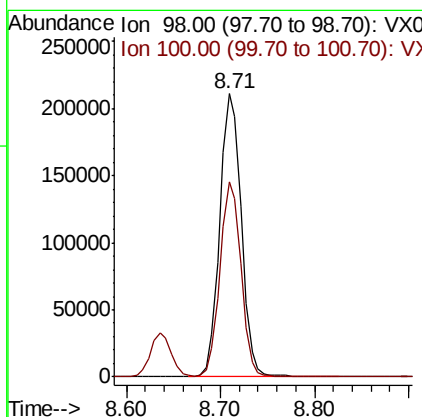
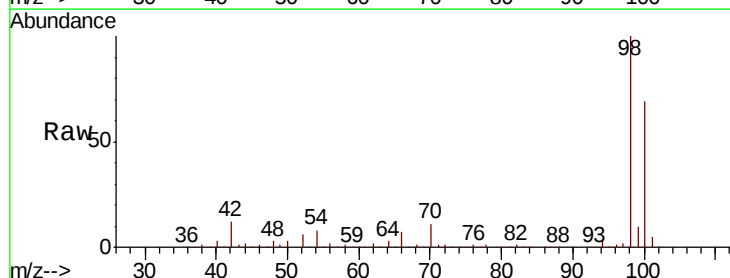
Manual Integrations
APPROVED

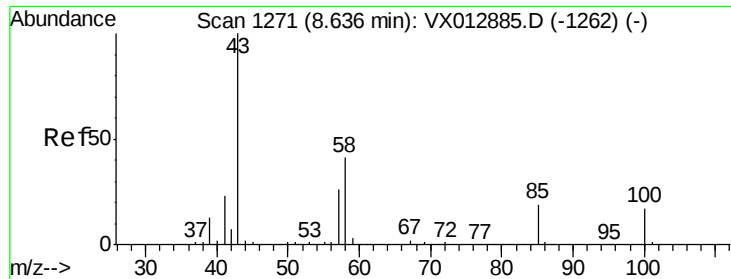
MMDadoda
10/10/2019 9:04:30 AM



#50
Toluene-d8
Concen: 50.541 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 103.984 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 43 Resp: 302882

Ion Ratio Lower Upper

43 100

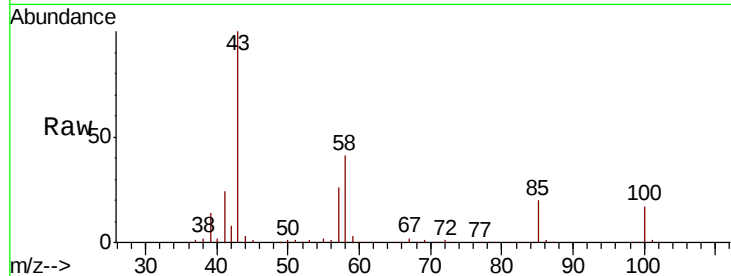
58 40.2 32.4 48.6

Manual Integrations

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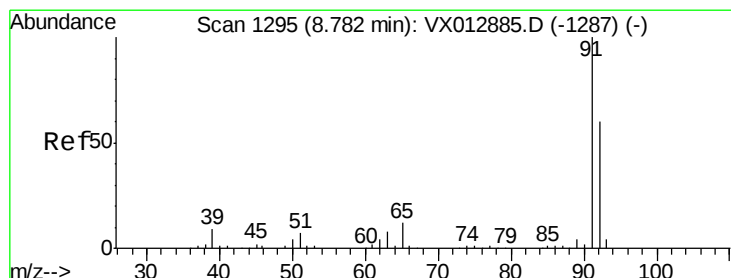
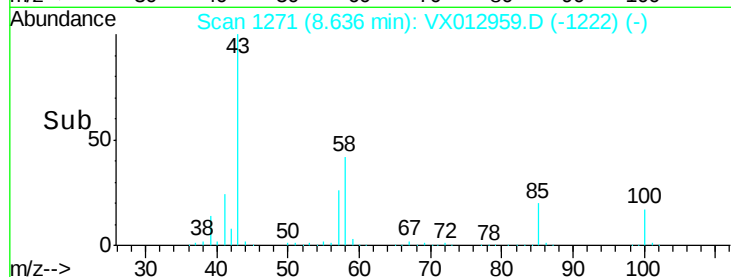
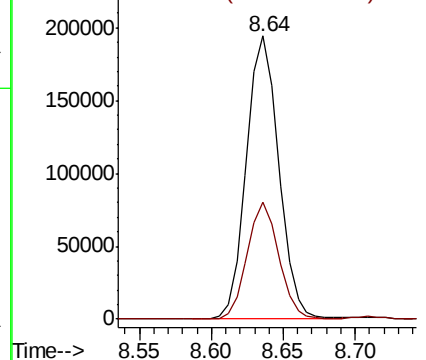
MMDadoda

10/10/2019 9:04:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.797 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012959.D

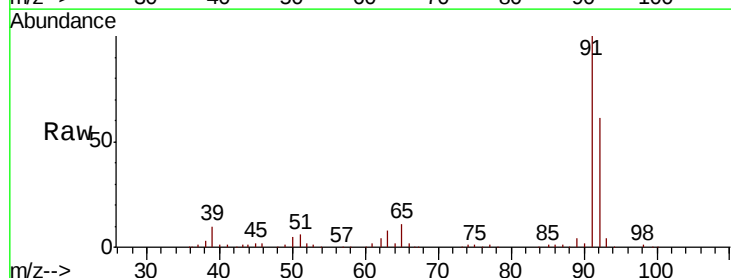
Acq: 09 Oct 2019 22:21

Tgt Ion: 92 Resp: 102292

Ion Ratio Lower Upper

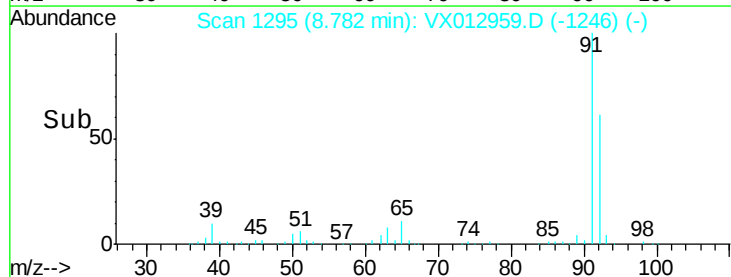
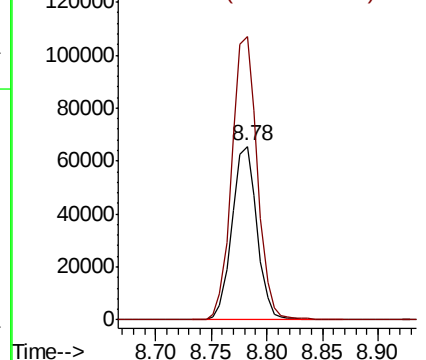
92 100

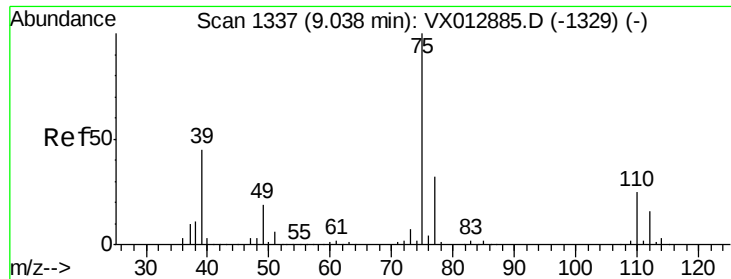
91 166.0 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





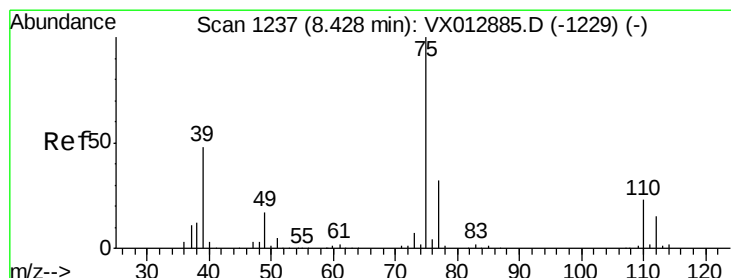
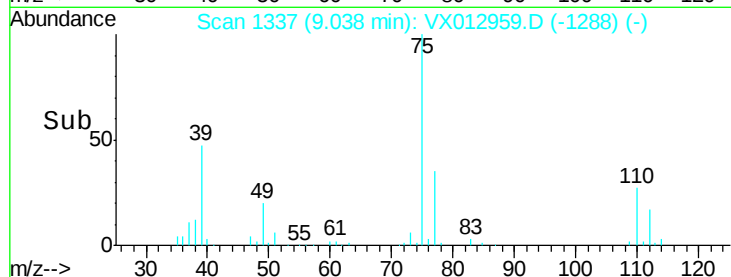
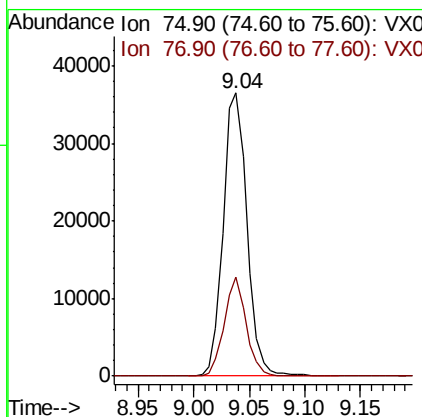
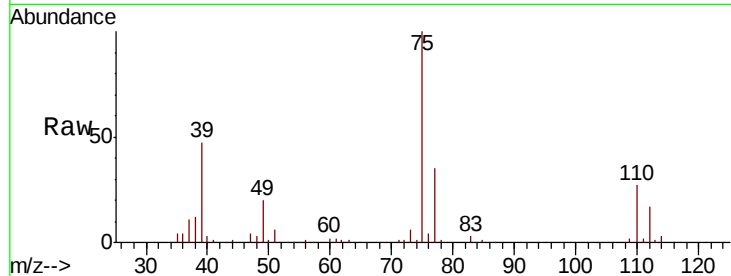
#53
 t-1,3-Dichloropropene
 Concen: 18.415 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion: 75 Resp: 53995
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.8 38.6

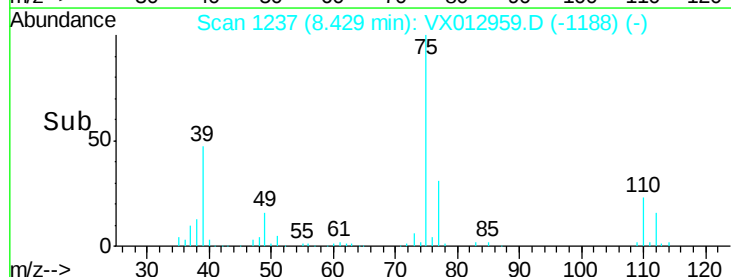
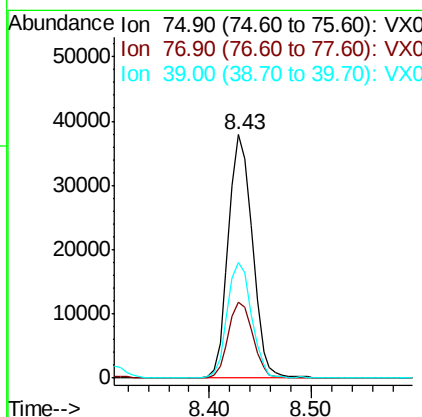
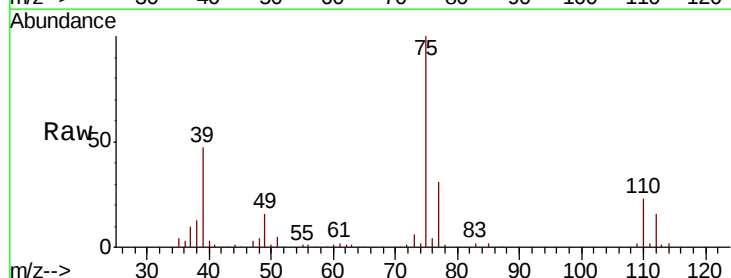
Manual Integrations
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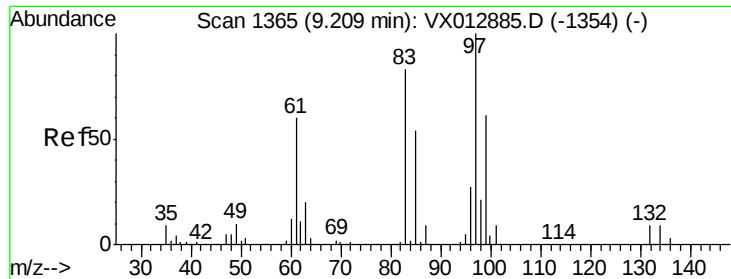
MMDadoda
 10/10/2019 9:04:30 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.741 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 75 Resp: 61858
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 47.3 38.2 57.2





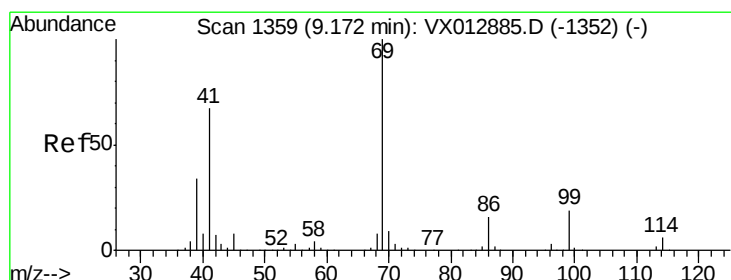
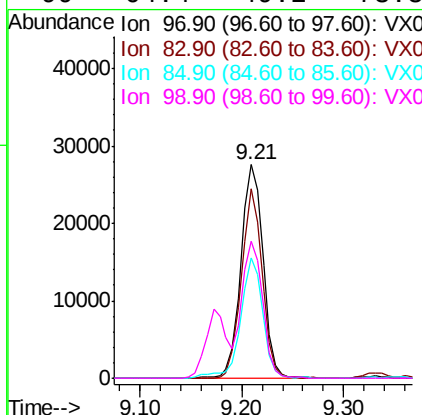
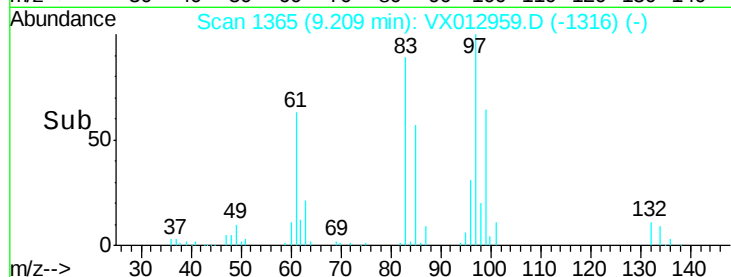
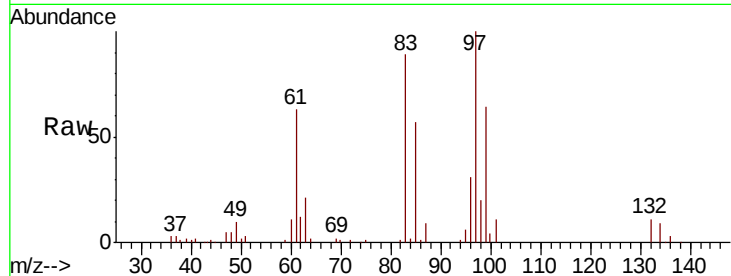
#55
 1,1,2-Trichloroethane
 Concen: 21.197 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion:	97	Resp:	41261
Ion	Ratio	Lower	Upper
97	100		
83	88.6	66.5	99.7
85	56.5	43.1	64.7
99	64.4	49.2	73.8

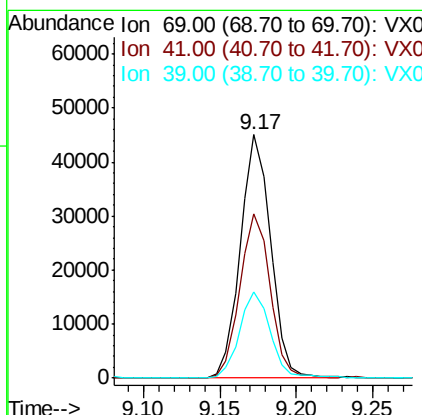
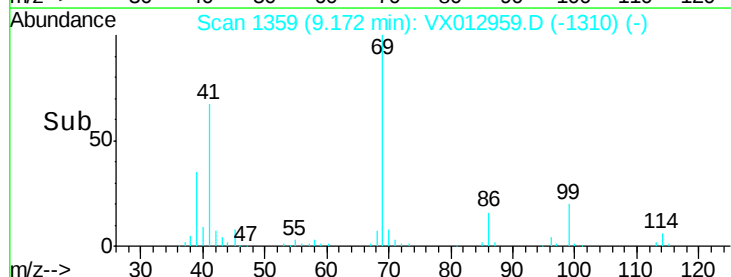
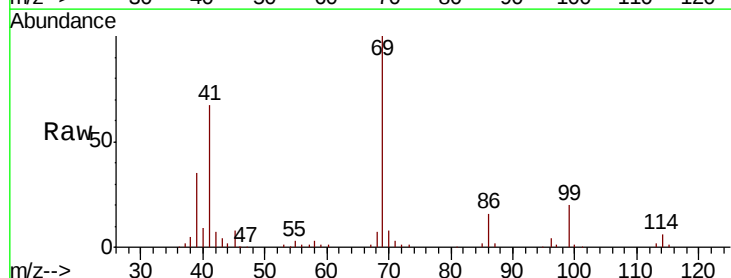
Manual Integrations
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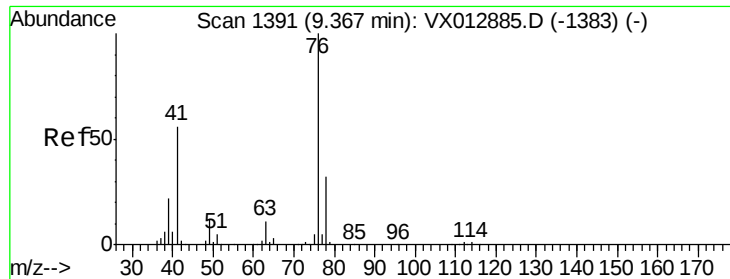
MMDadoda
 10/10/2019 9:04:30 AM



#56
 Ethyl methacrylate
 Concen: 19.025 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion:	69	Resp:	62208
Ion	Ratio	Lower	Upper
69	100		
41	67.9	52.1	78.1
39	36.8	27.8	41.8





#57

1,3-Dichloropropane

Concen: 20.739 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 76 Resp: 69830

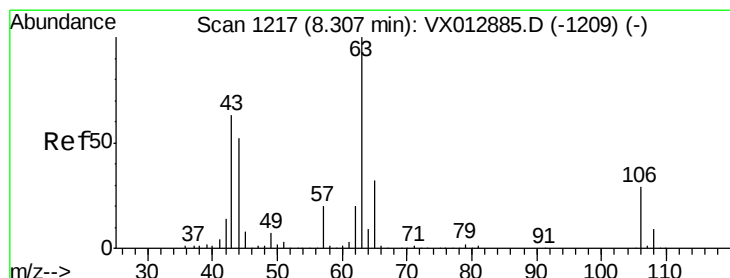
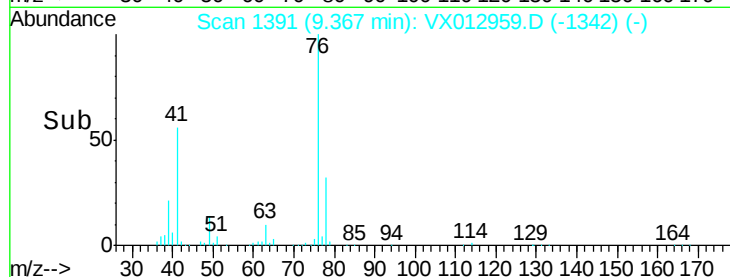
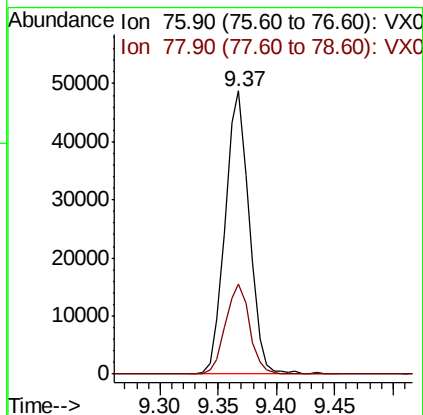
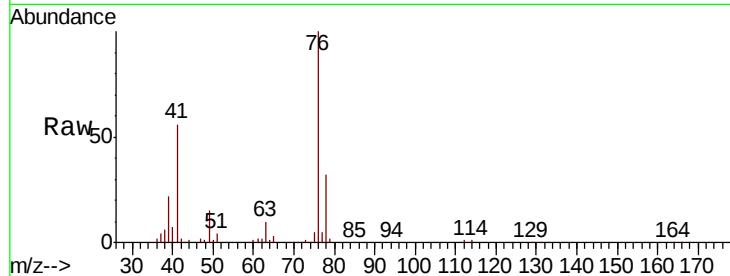
Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1

Manual Integrations
APPROVED

MMDadoda
10/10/2019 9:04:30 AM



#58

2-Chloroethyl Vinyl ether

Concen: 101.704 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012959.D

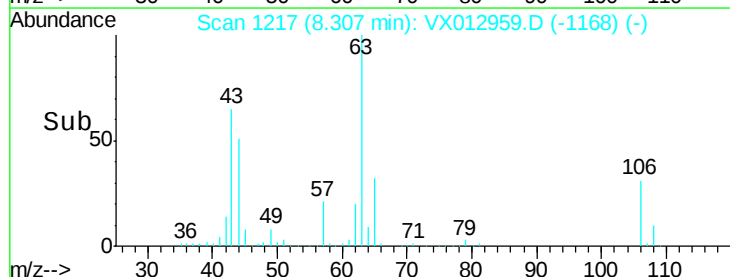
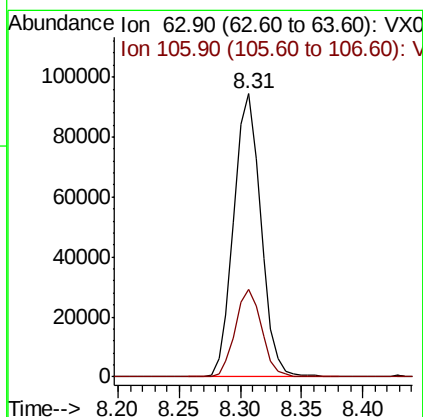
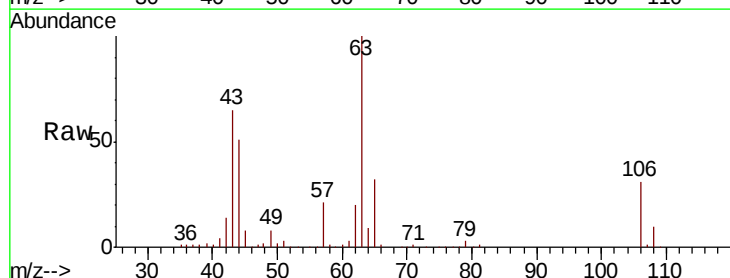
Acq: 09 Oct 2019 22:21

Tgt Ion: 63 Resp: 145431

Ion Ratio Lower Upper

63 100

106 30.3 23.8 35.8





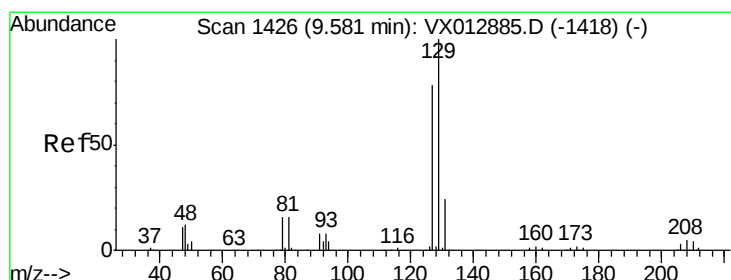
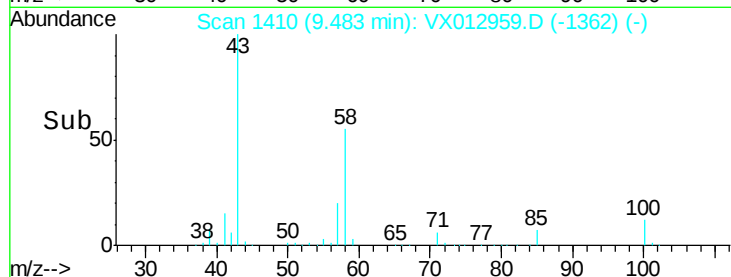
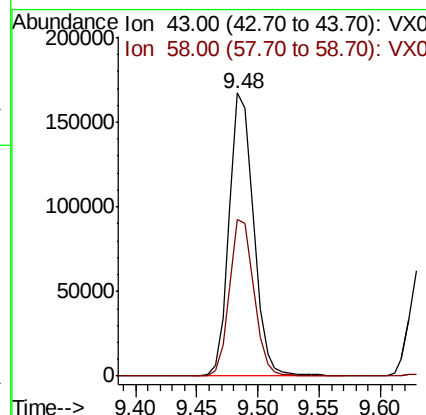
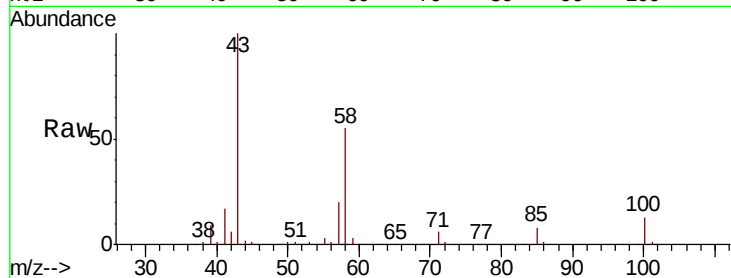
#59
2-Hexanone
Concen: 102.394 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 43 Resp: 232170
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.3

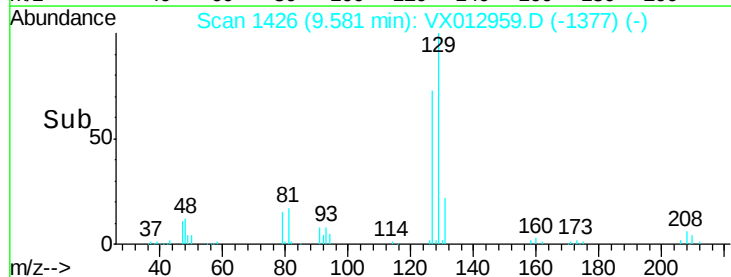
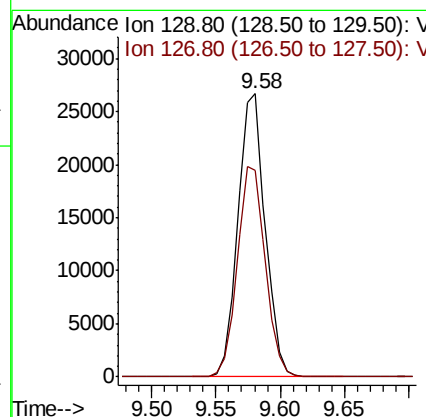
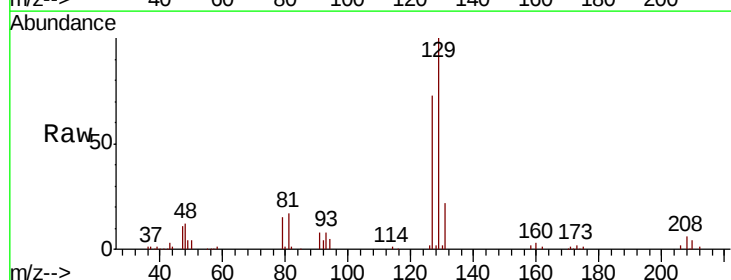
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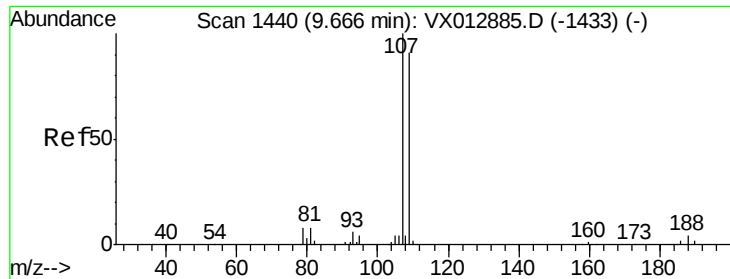
MMDadoda
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#60
Dibromochloromethane
Concen: 19.299 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 129 Resp: 39240
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.354 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion:107 Resp: 41678

Ion Ratio Lower Upper

107 100

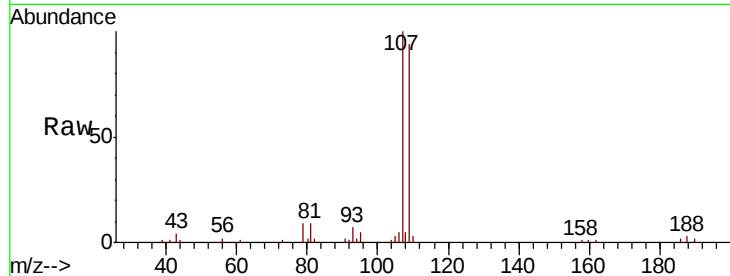
109 94.9 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

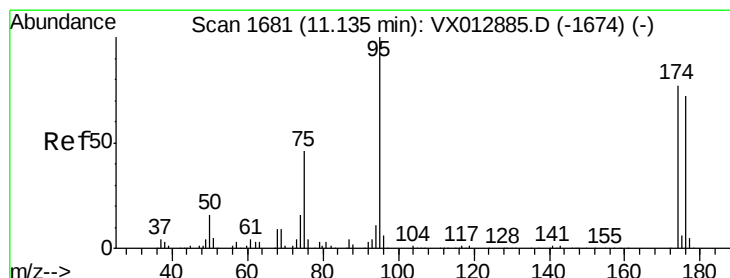
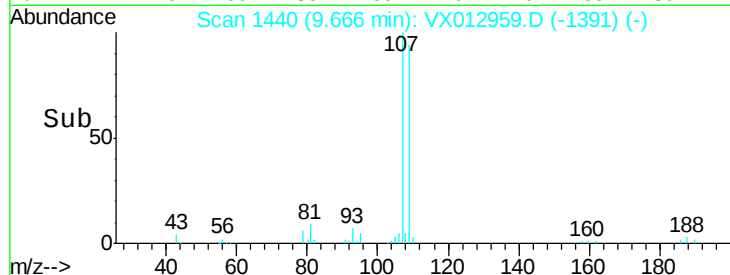
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.074 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

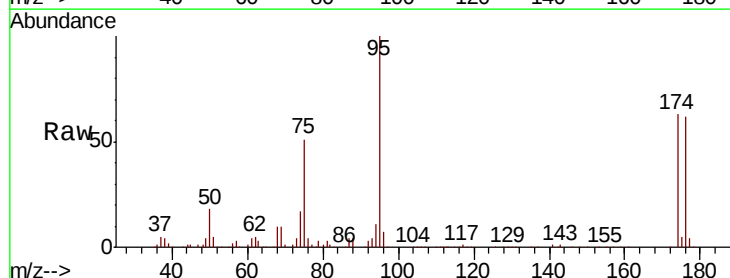
Tgt Ion: 95 Resp: 126377

Ion Ratio Lower Upper

95 100

174 70.9 0.0 143.4

176 70.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

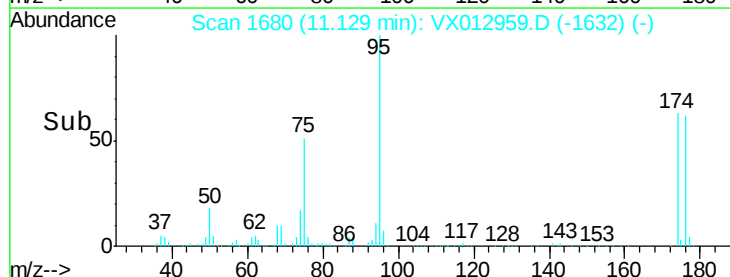
40000

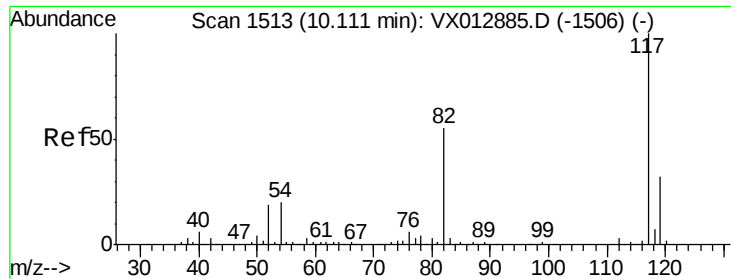
20000

0

11.10 11.20

Time-->





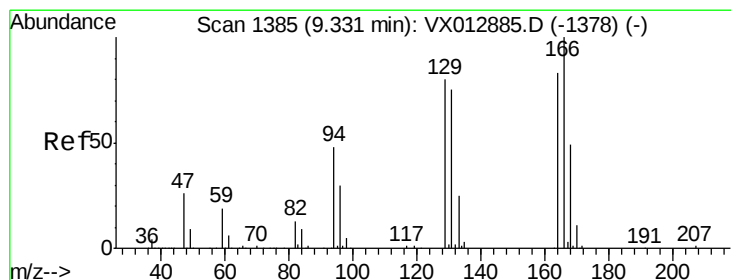
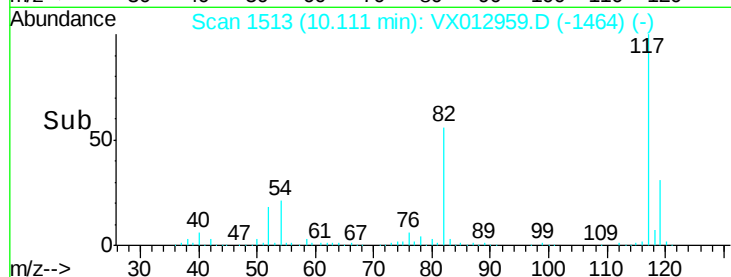
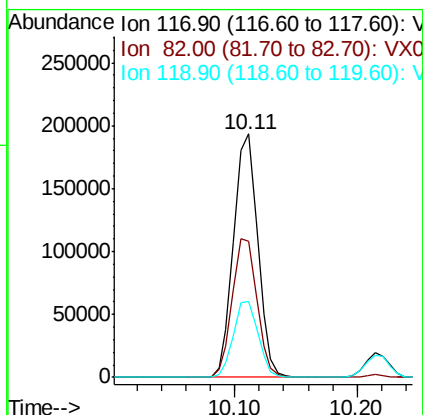
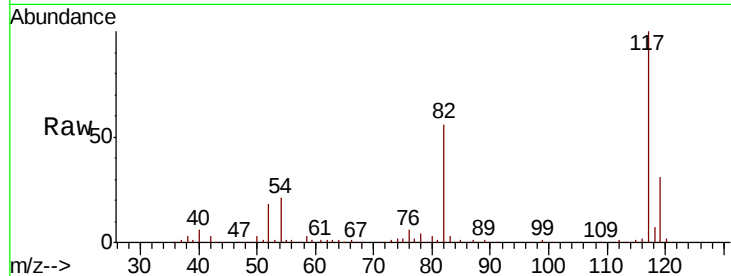
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	265119		
82	55.7	44.1	66.1	
119	31.4	25.8	38.8	

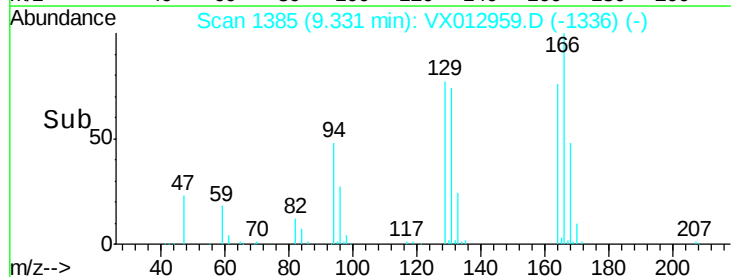
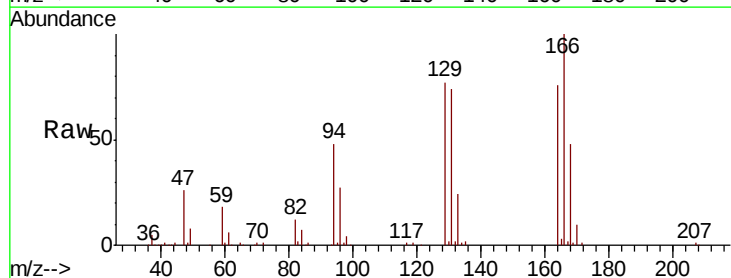
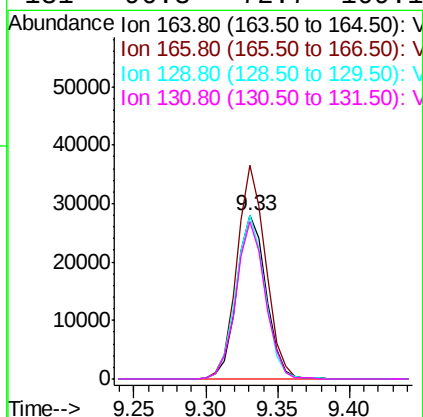
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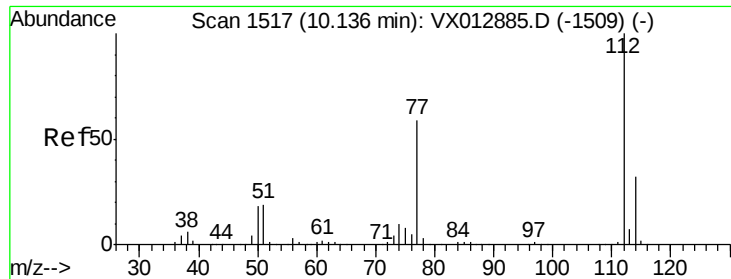
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#64
Tetrachloroethene
Concen: 21.678 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39862		
166	130.7	96.9	145.3	
129	100.5	77.9	116.9	
131	96.3	72.7	109.1	





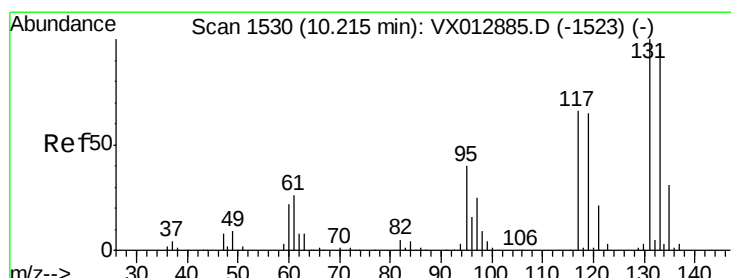
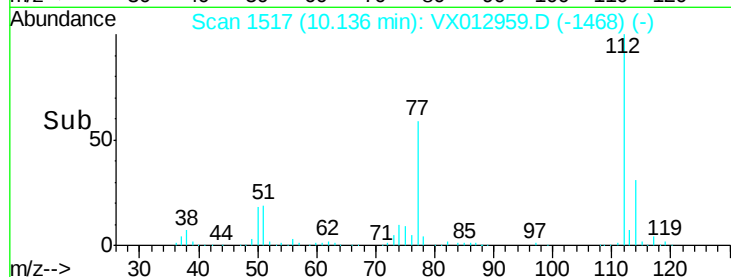
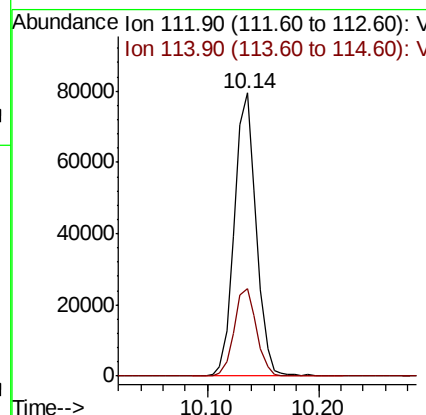
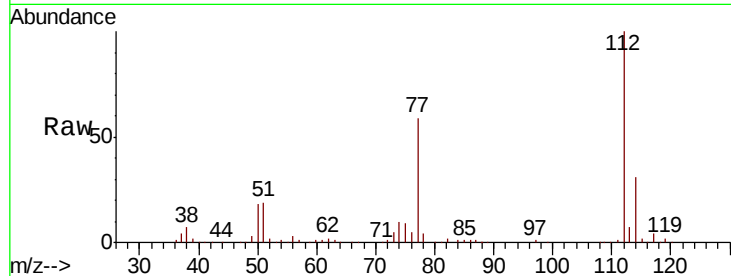
#65
Chlorobenzene
Concen: 20.418 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion:112 Resp: 107497
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

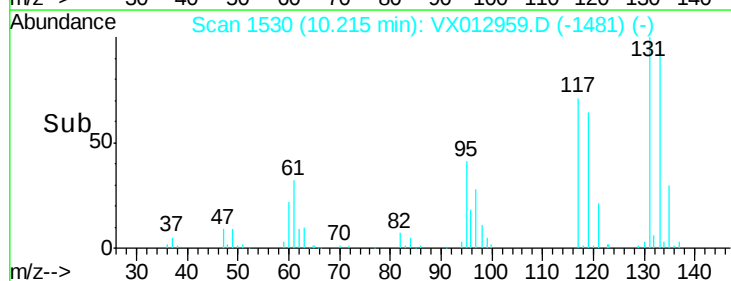
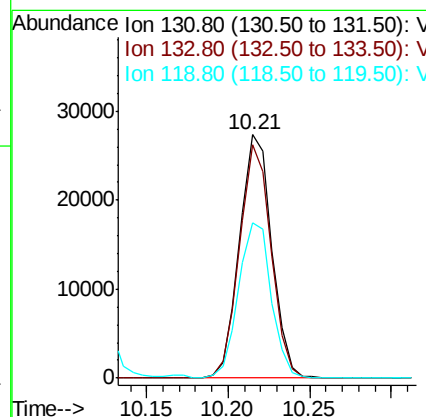
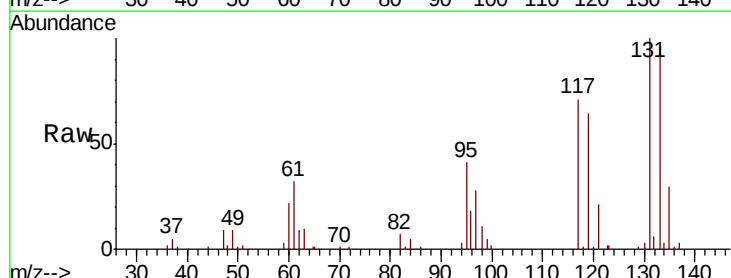
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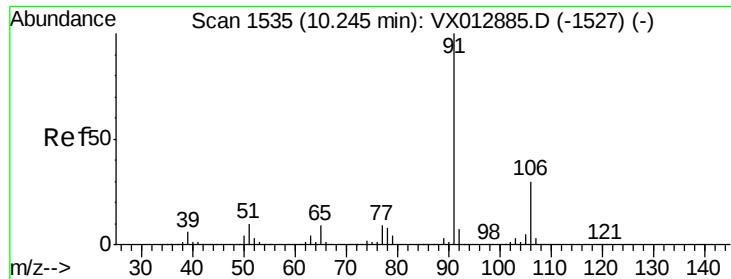
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion:131 Resp: 37648
Ion Ratio Lower Upper
131 100
133 93.9 47.2 141.6
119 64.6 32.6 98.0





#67

Ethyl Benzene

Concen: 20.465 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 91 Resp: 191387

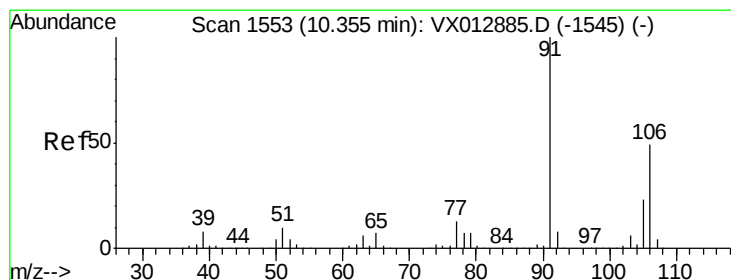
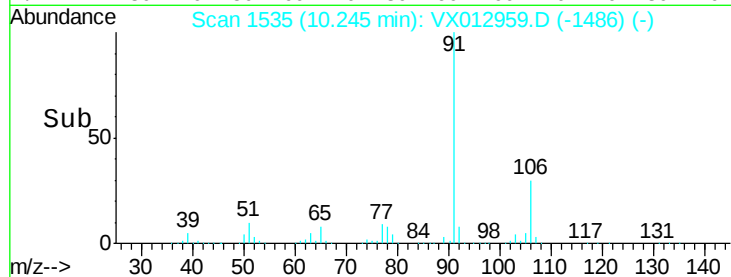
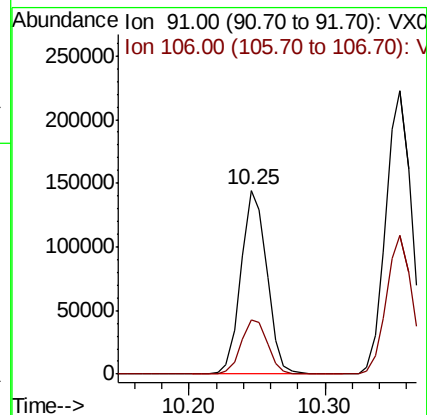
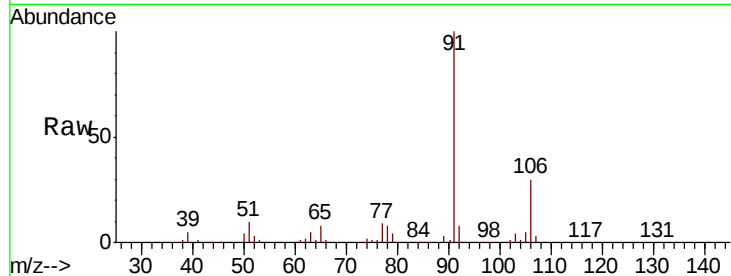
Ion Ratio Lower Upper

91 100

106 29.5 23.9 35.9

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#68

m/p-Xylenes

Concen: 41.261 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012959.D

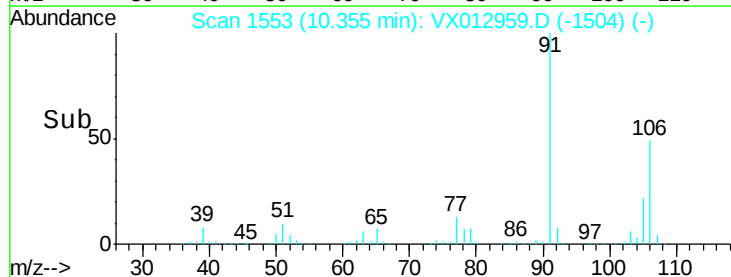
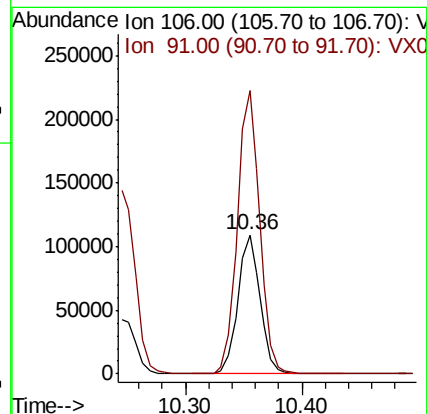
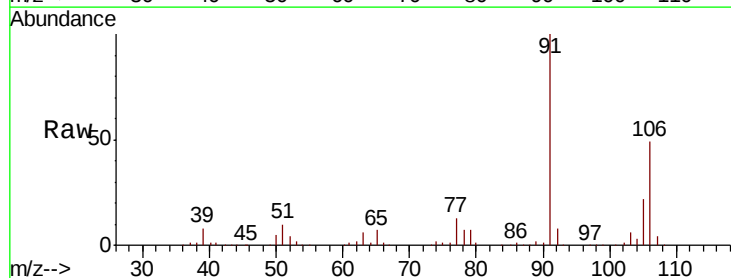
Acq: 09 Oct 2019 22:21

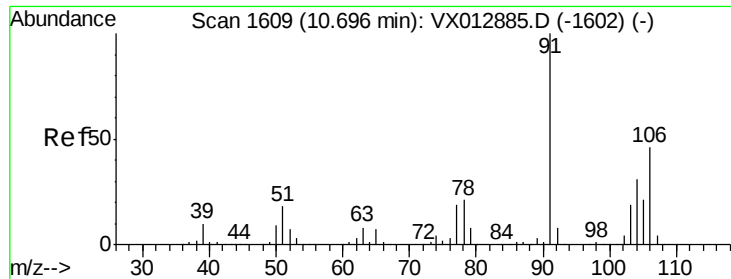
Tgt Ion: 106 Resp: 144153

Ion Ratio Lower Upper

106 100

91 205.4 165.3 247.9





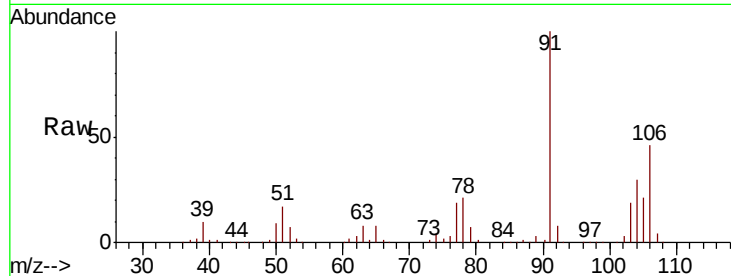
#69
o-Xylene
Concen: 20.598 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

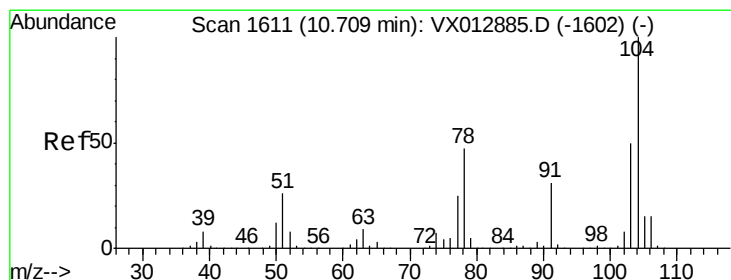
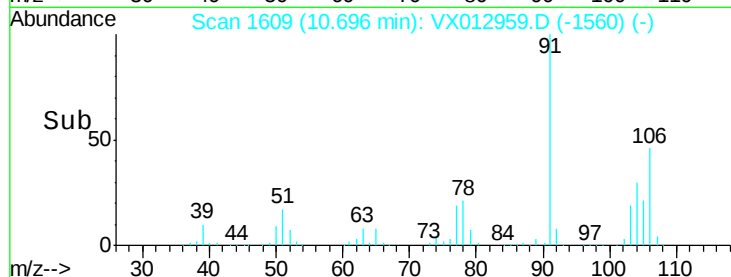
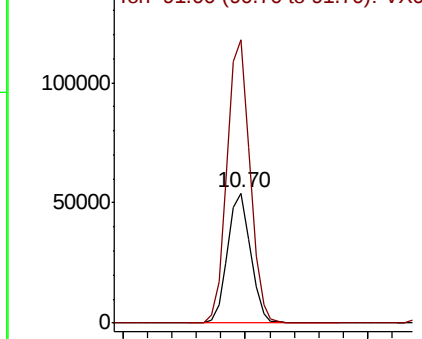
Tot Ion:106 Resp: 70176
Ion Ratio Lower Upper
106 100
91 217.1 109.1 327.3

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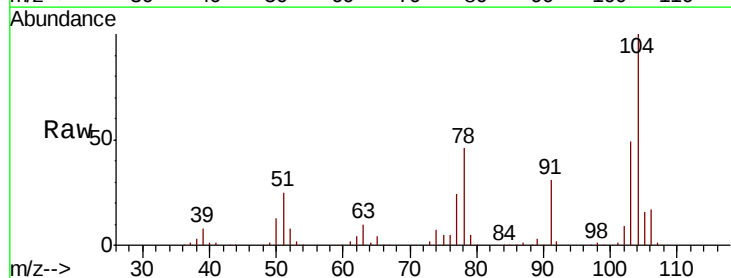


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

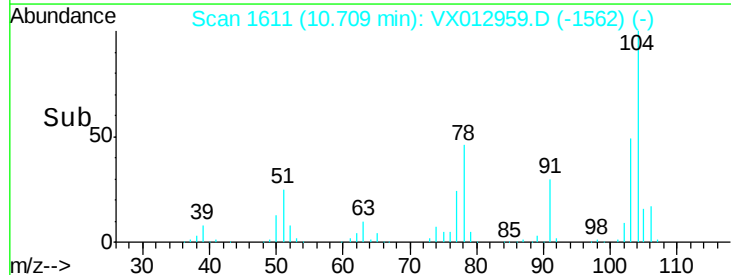
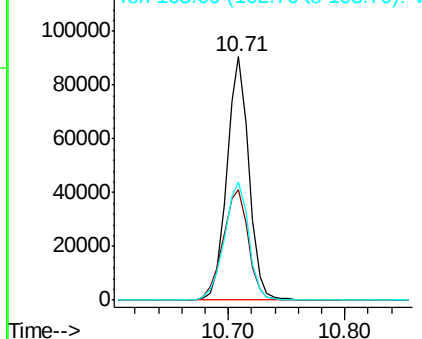


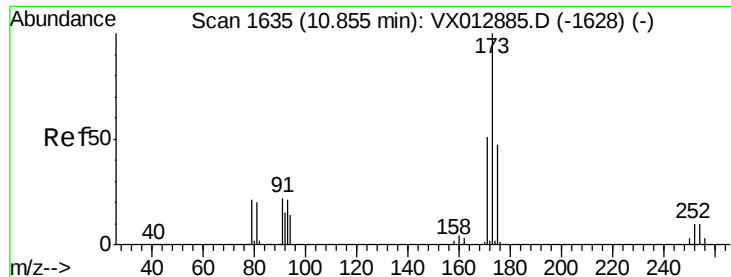
#70
Styrene
Concen: 20.490 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion:104 Resp: 118675
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 53.8 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





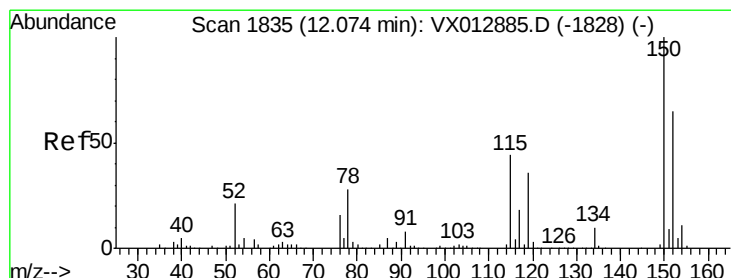
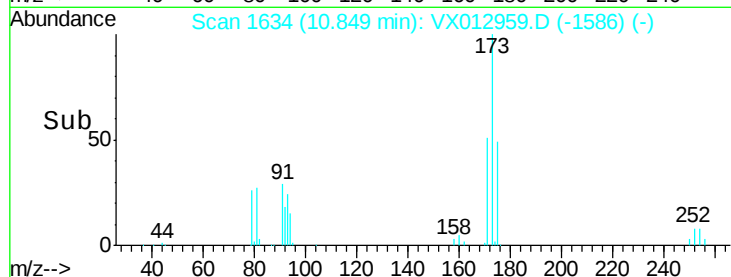
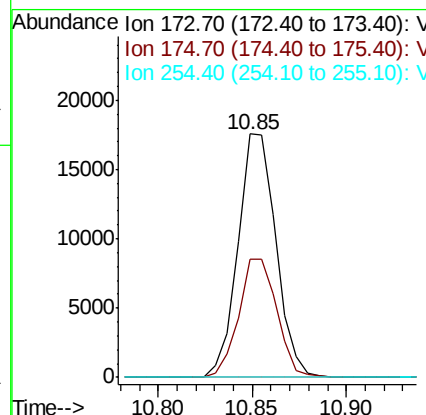
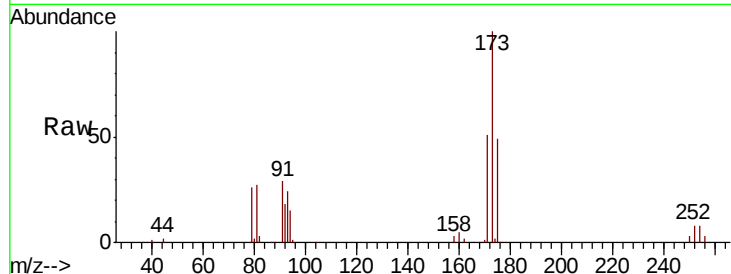
#71
Bromoform
Concen: 17.967 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.3
254	0.0	0.1	0.1#

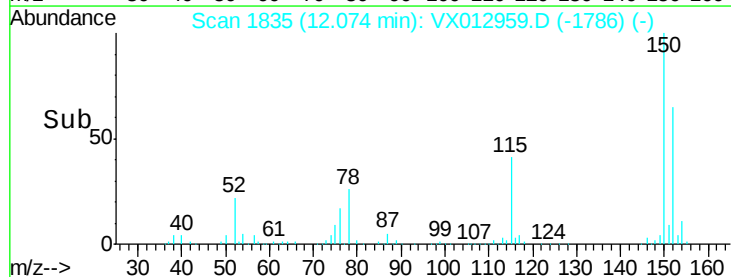
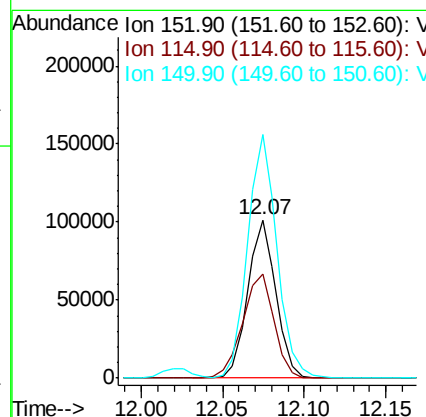
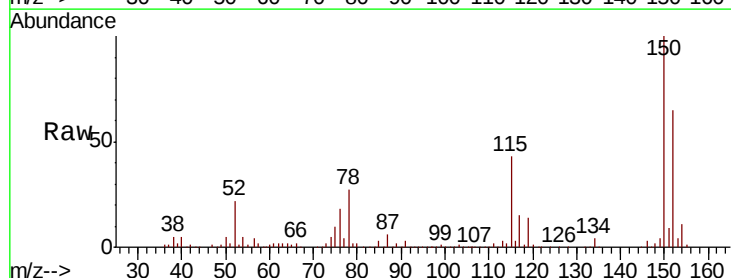
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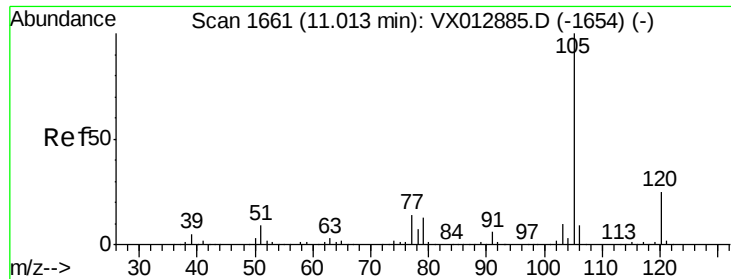
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	73.9	44.5	133.5
150	161.9	0.0	353.4





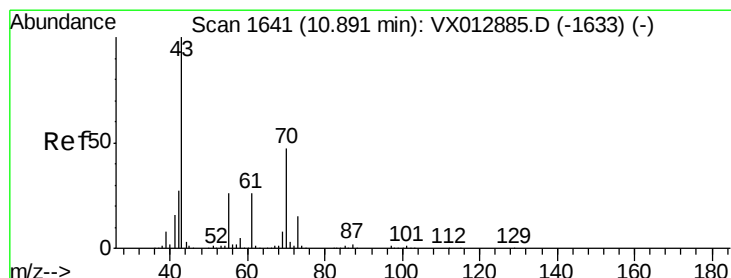
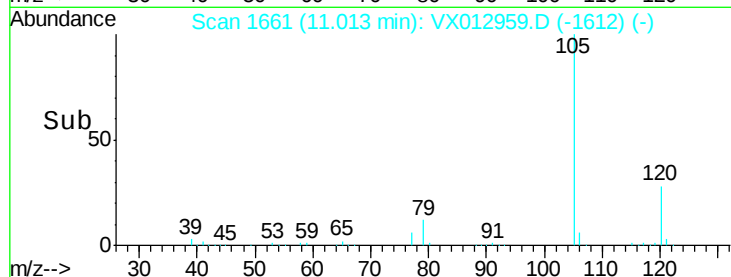
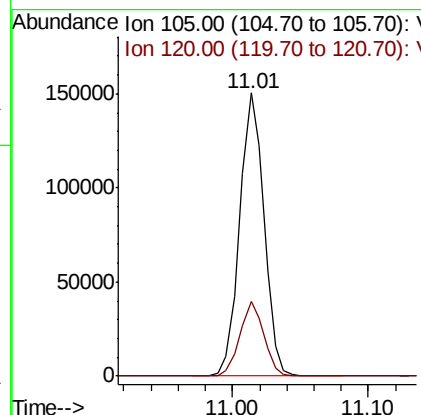
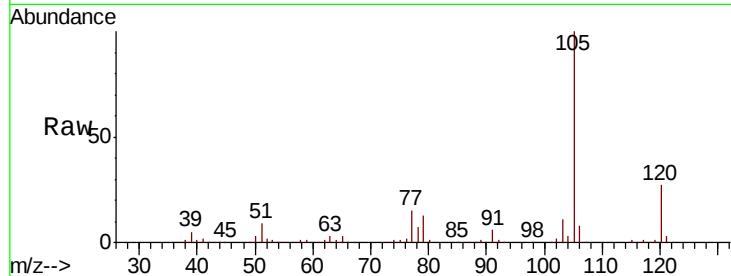
#73
Isopropylbenzene
Concen: 20.959 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

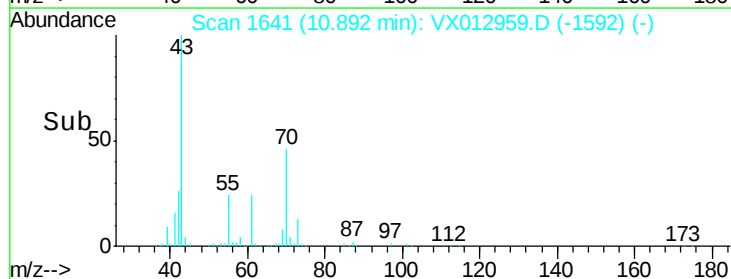
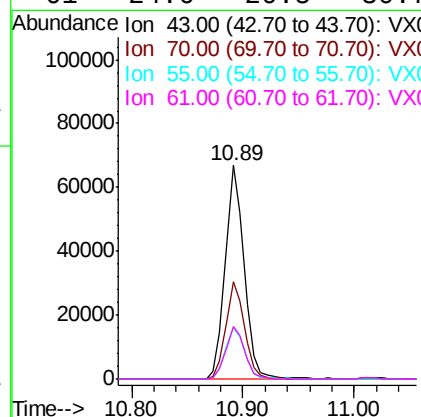
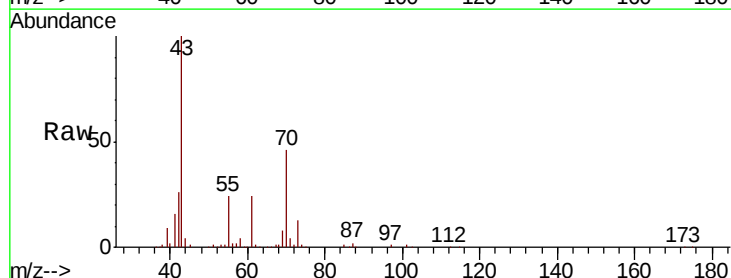
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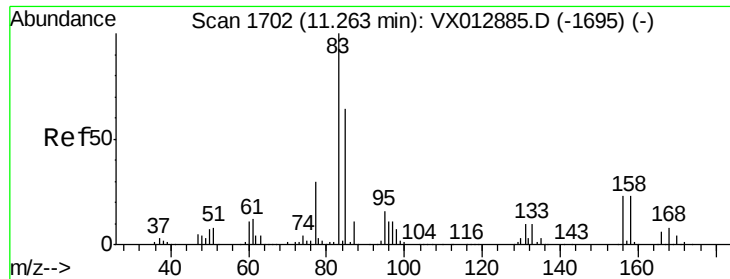
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#74
N-ethyl acetate
Concen: 20.596 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.1	36.4	54.6
55	24.9	20.2	30.2
61	24.6	20.5	30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.356 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

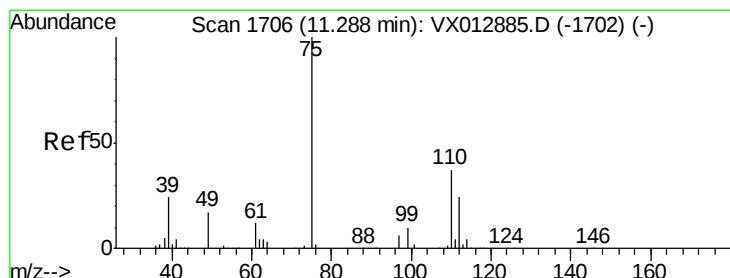
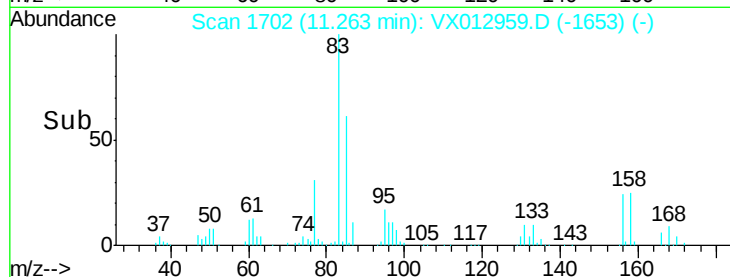
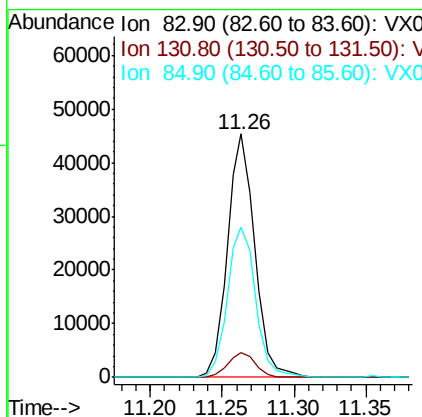
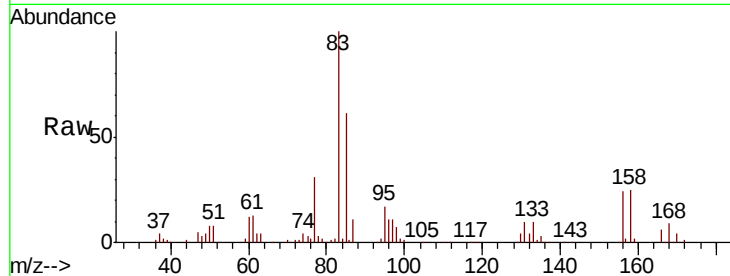
ClientSampleId :

VX1009WBS02

Tot Ion:	83	Resp:	60391
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	63.9	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.925 ug/l m

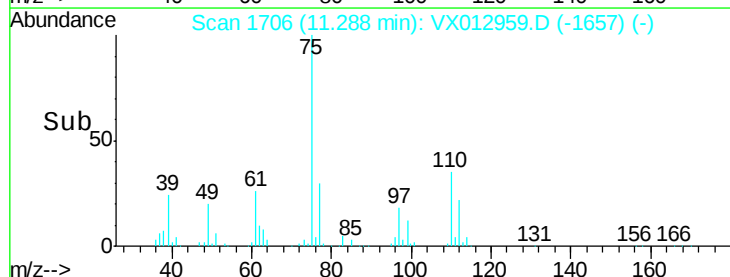
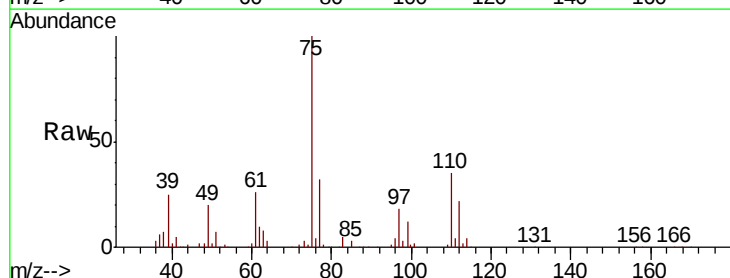
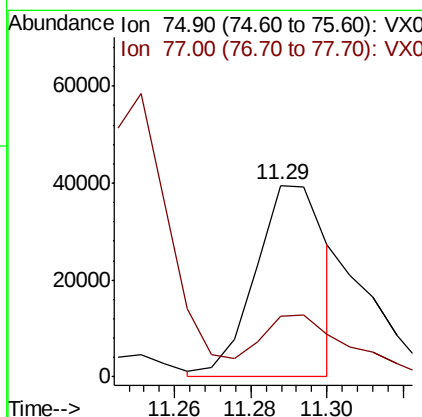
RT: 11.29 min Scan# 1706

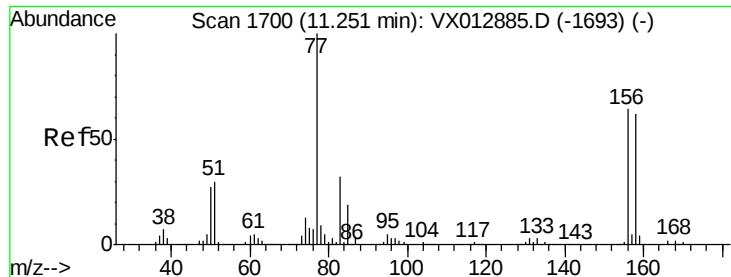
Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Tgt Ion:	75	Resp:	50927
Ion Ratio	Lower	Upper	
75	100		
77	40.8	22.9	68.8





#77

Bromobenzene

Concen: 20.762 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

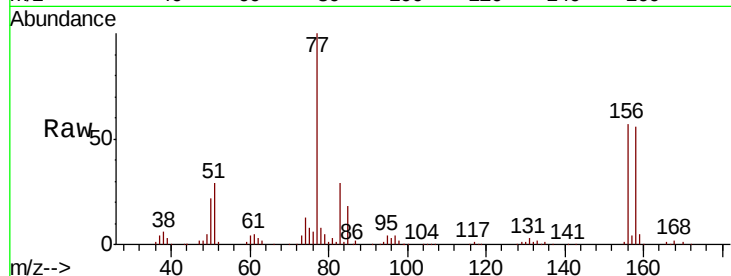
ClientSampleId :

VX1009WBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	172.6	83.7	251.0	
158	94.6	48.6	145.9	

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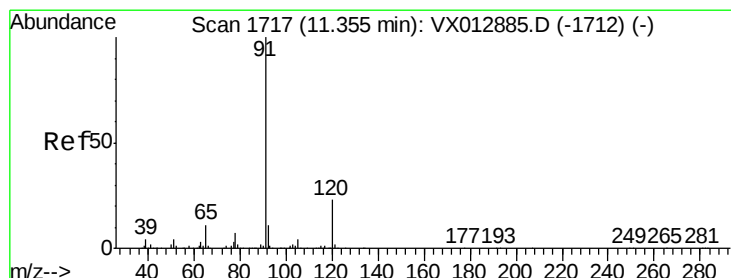
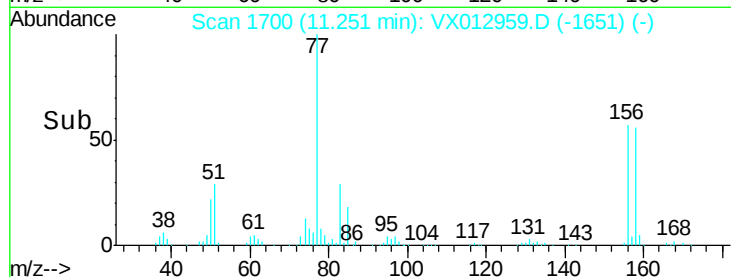
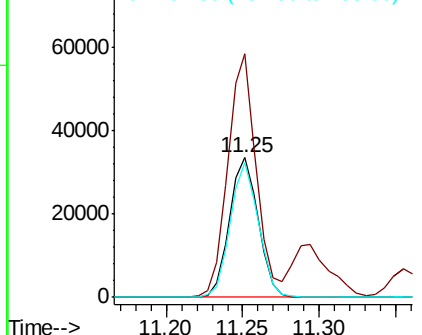


Abundance

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: 21.034 ug/l

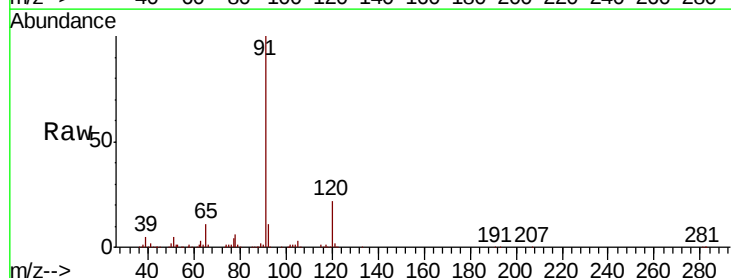
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

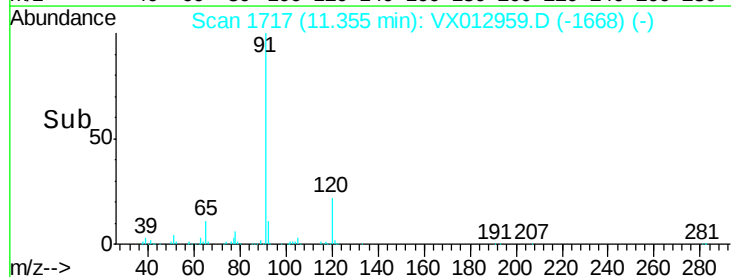
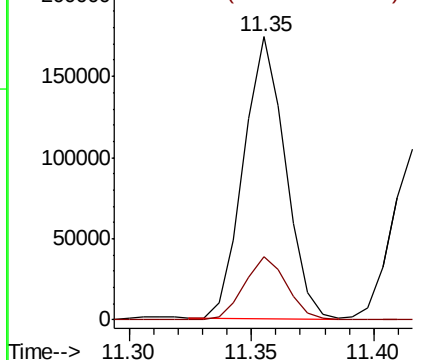
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	11.7	35.1	

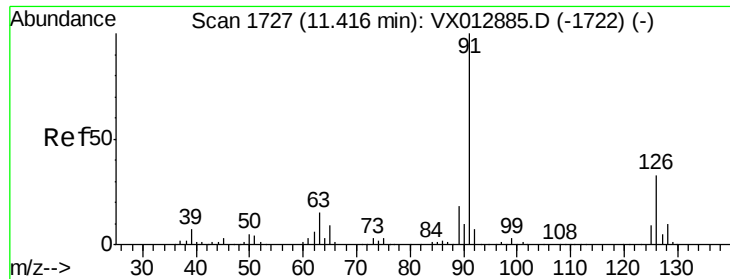


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





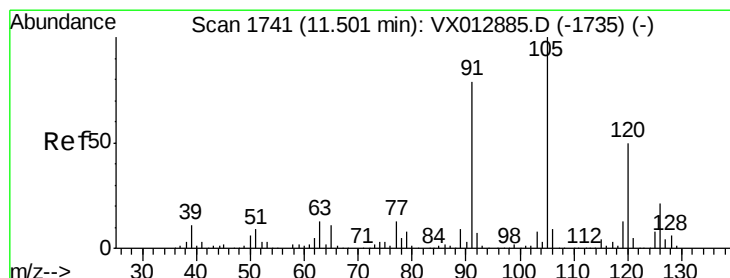
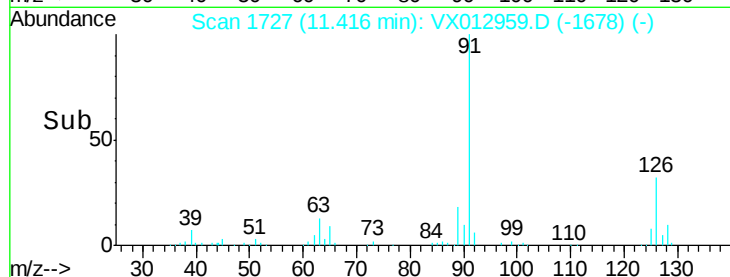
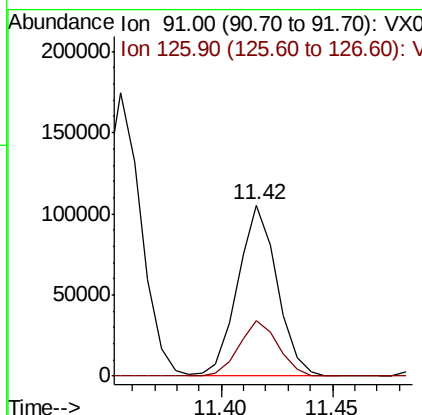
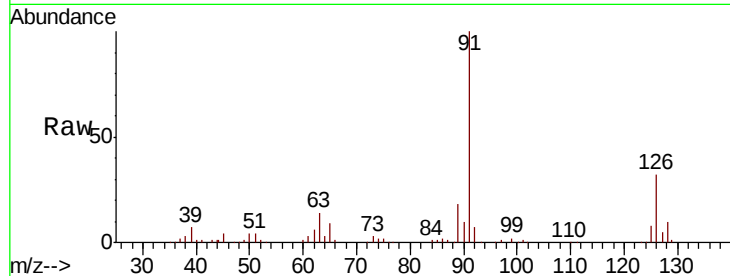
#79
 2-Chlorotoluene
 Concen: 20.813 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion: 91 Resp: 128387
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8

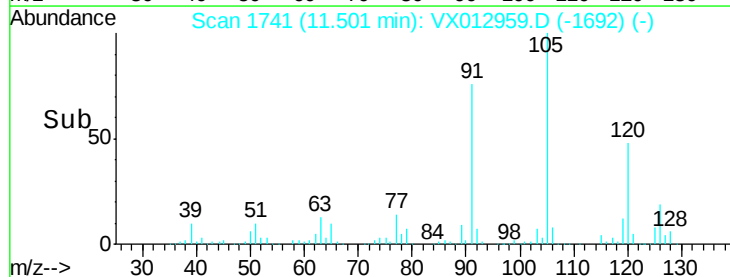
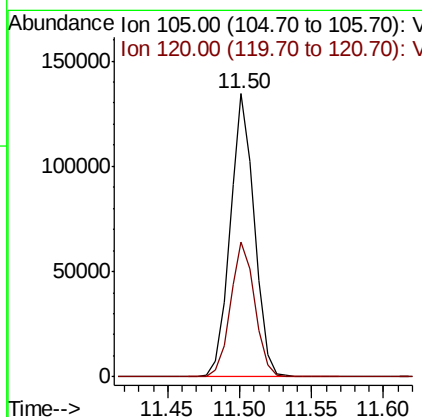
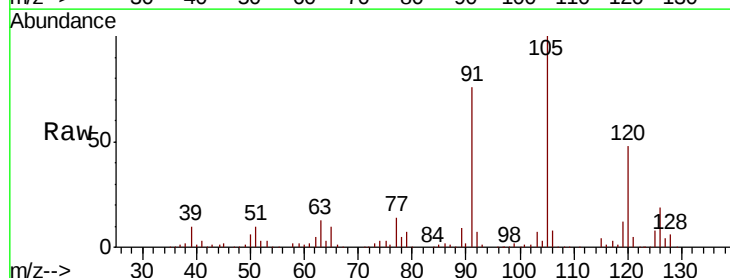
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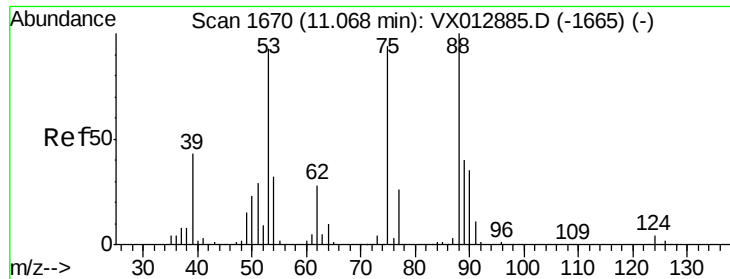
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.190 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 105 Resp: 157830
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.8 74.3





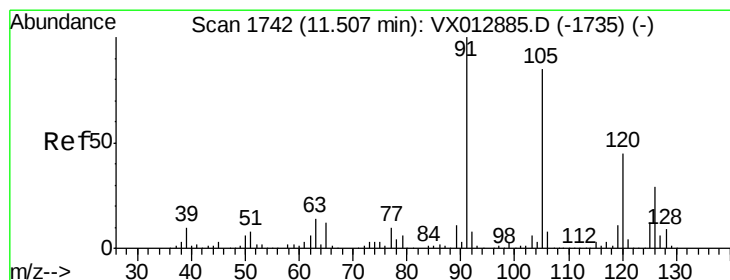
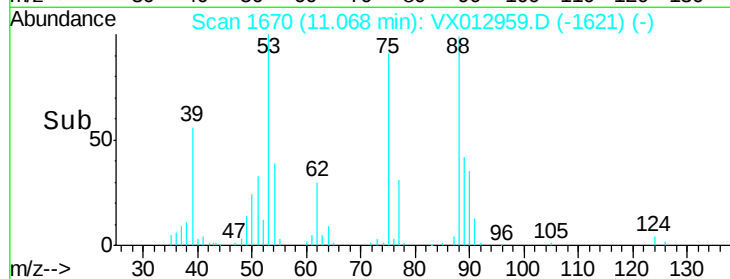
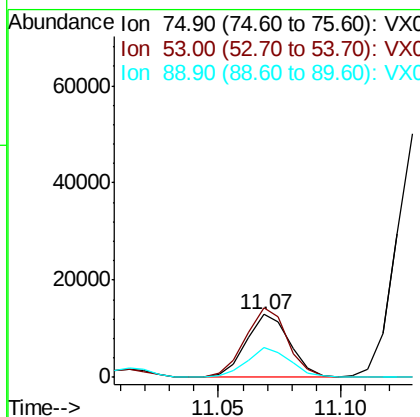
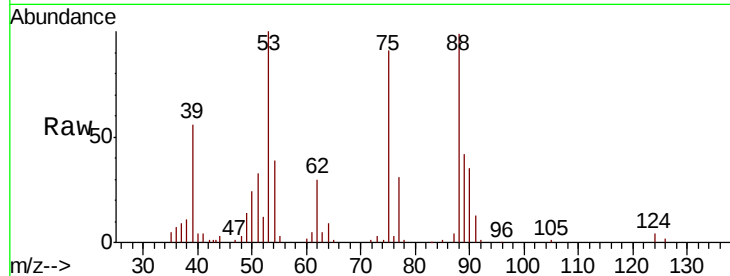
#81
trans-1,4-Dichloro-2-butene
Concen: 18.426 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 75 Resp: 16343
Ion Ratio Lower Upper
75 100
53 107.4 78.5 117.7
89 45.3 37.4 56.2

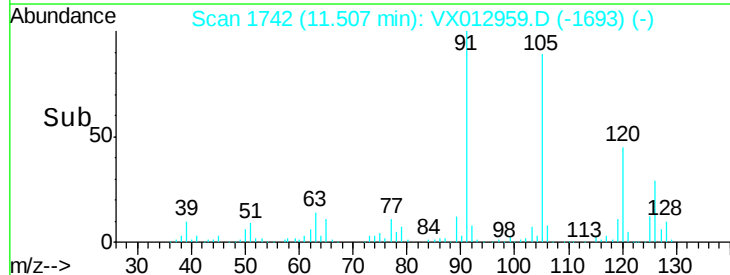
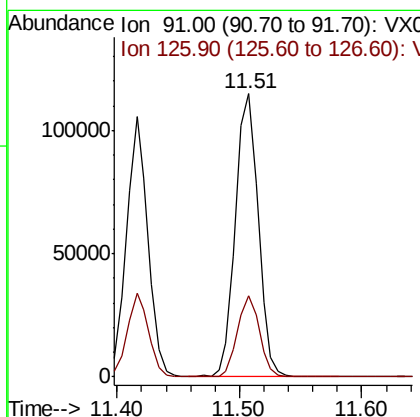
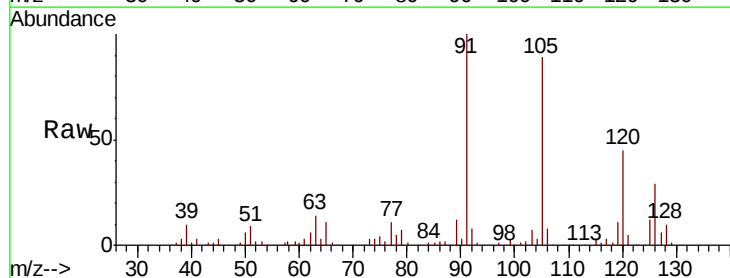
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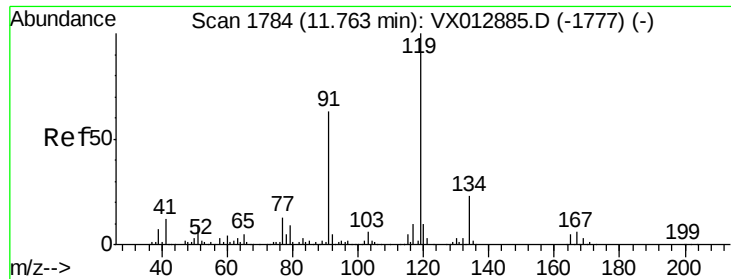
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#82
4-Chlorotoluene
Concen: 20.879 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 91 Resp: 147622
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6





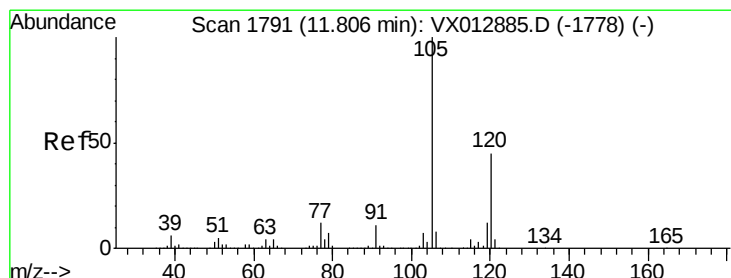
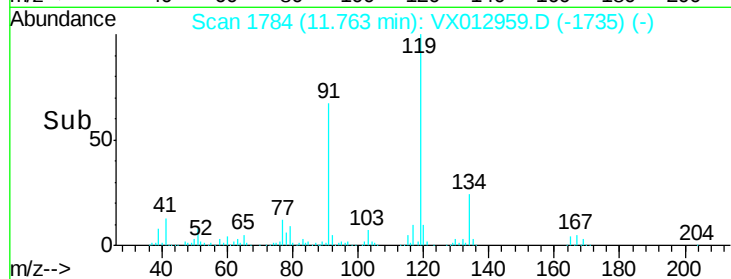
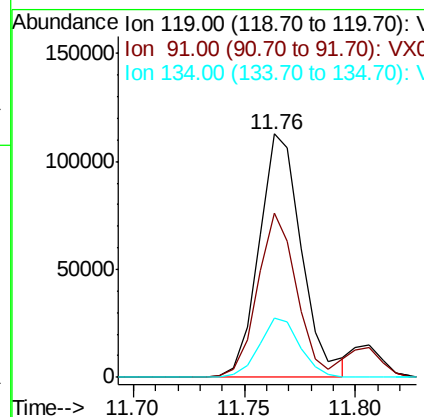
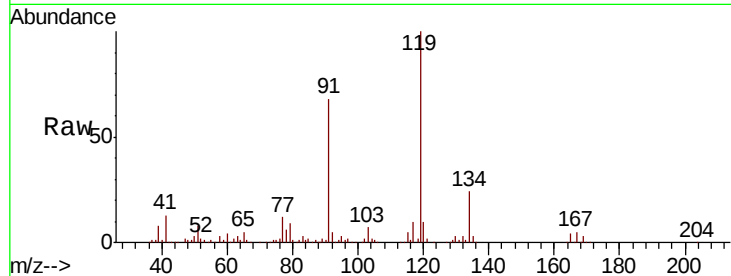
#83
tert-Butylbenzene
Concen: 20.634 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	149920		
91	61.5	29.3	87.9	
134	23.2	11.5	34.4	

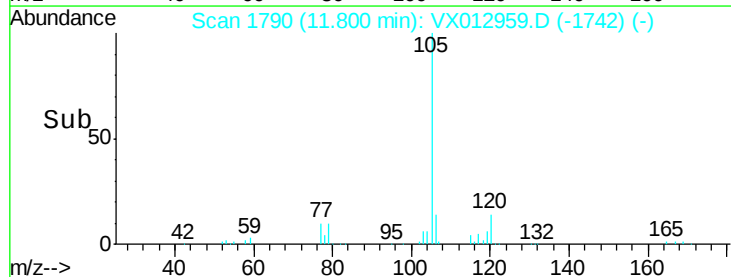
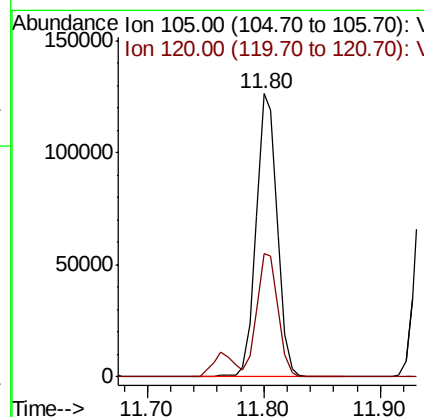
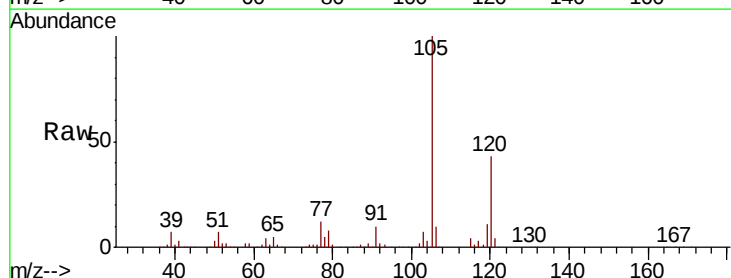
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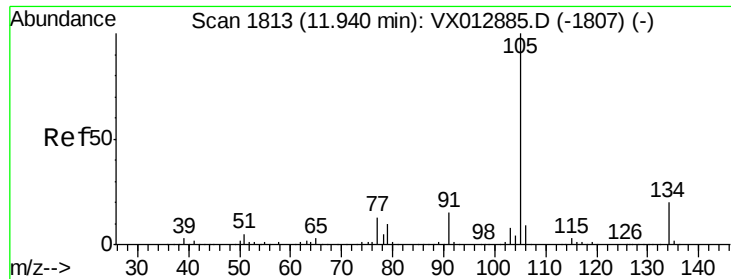
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#84
1,2,4-Trimethylbenzene
Concen: 21.140 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159464		
120	43.4	21.8	65.3	





#85

sec-Butylbenzene

Concen: 21.273 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion:105 Resp: 179070

Ion Ratio Lower Upper

105 100

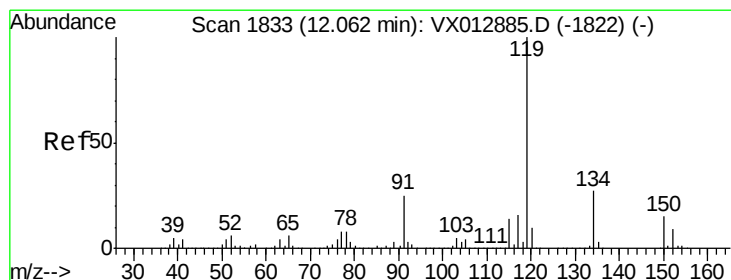
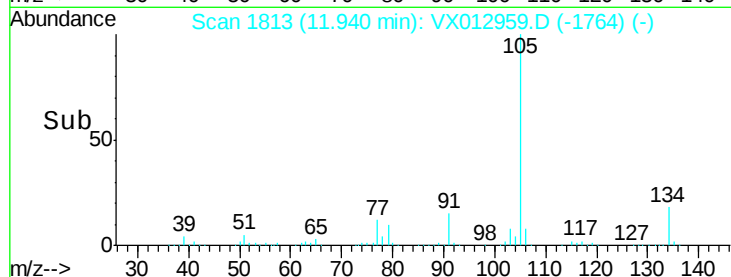
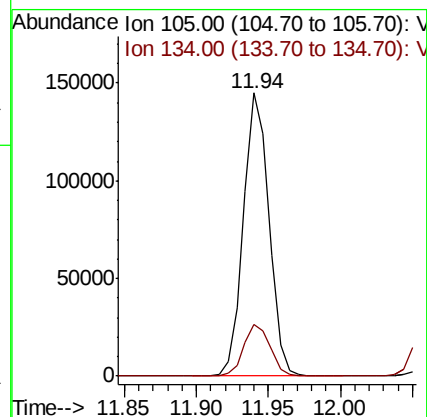
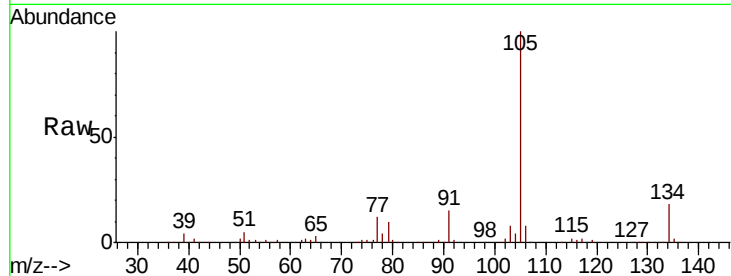
134 19.0 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 20.701 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

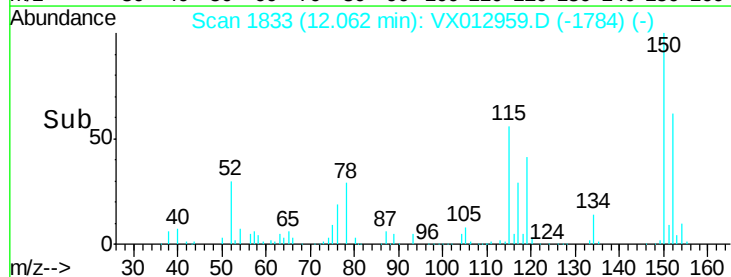
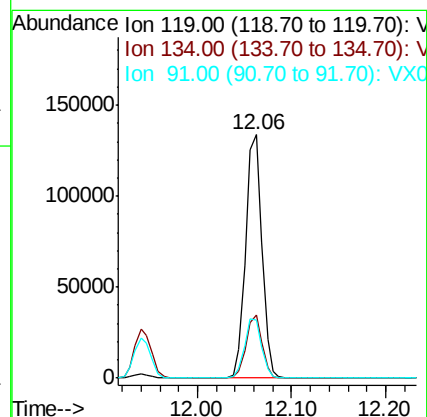
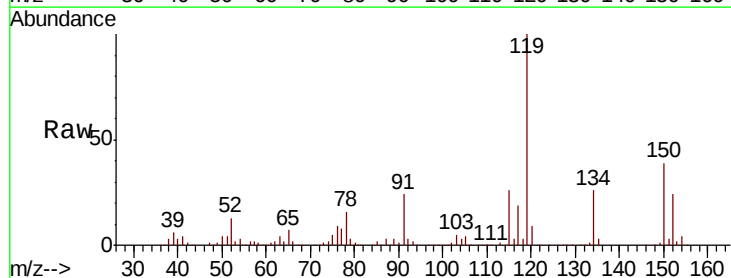
Tgt Ion:119 Resp: 161610

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 25.3 12.4 37.4





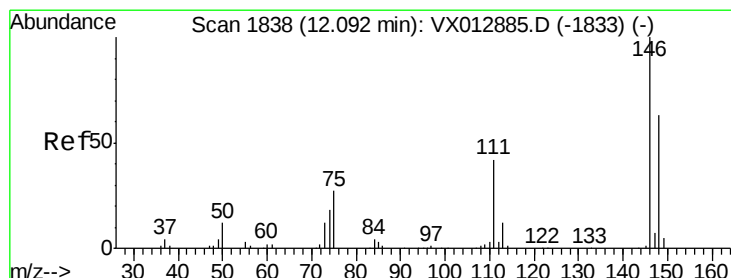
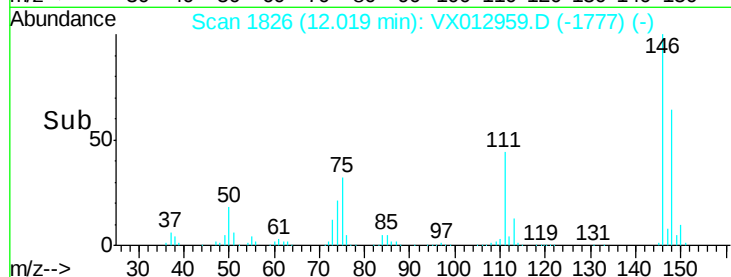
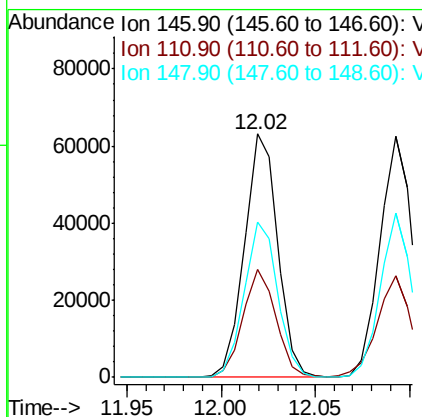
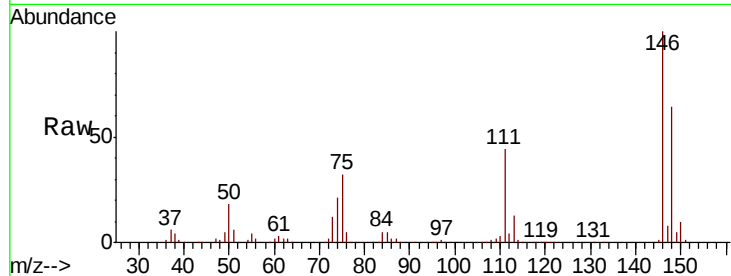
#87
 1,3-Dichlorobenzene
 Concen: 19.822 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.1	63.4
148	64.1	31.6	95.0

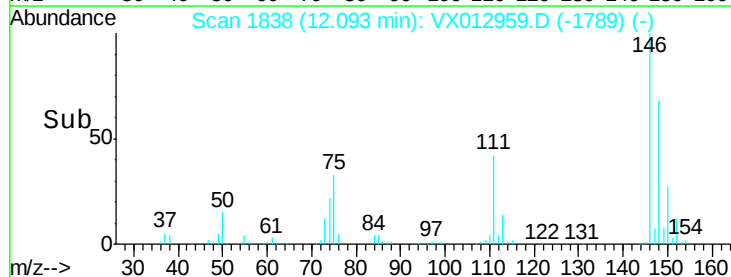
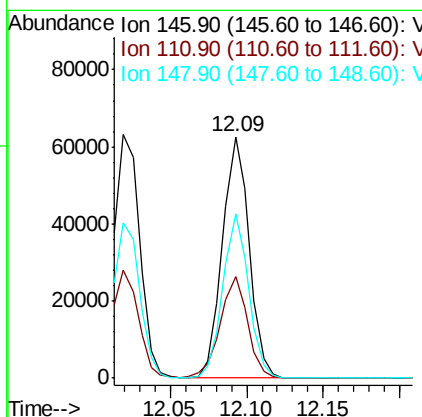
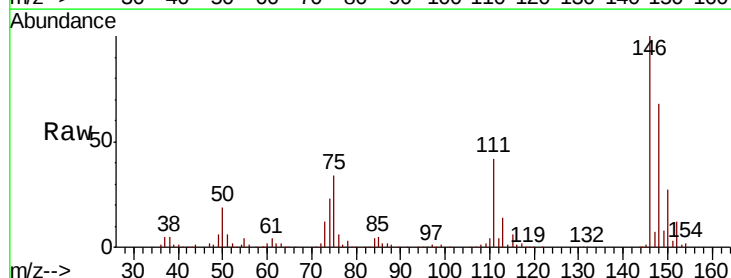
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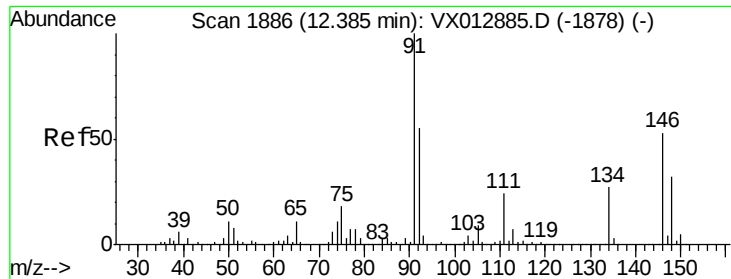
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#88
 1,4-Dichlorobenzene
 Concen: 19.254 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.3
148	65.4	32.1	96.5





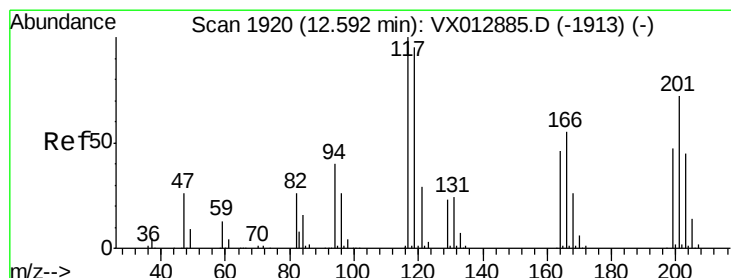
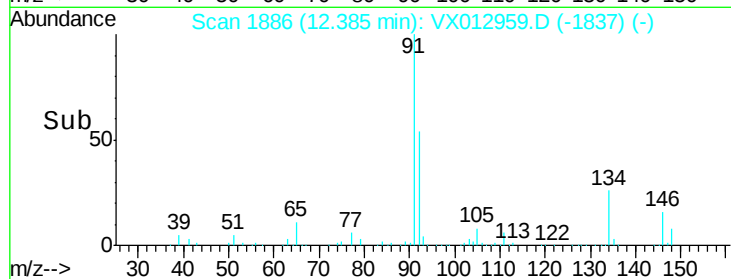
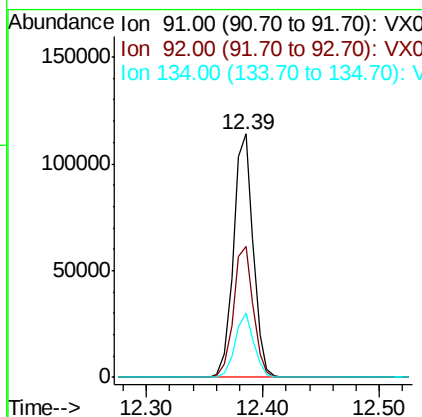
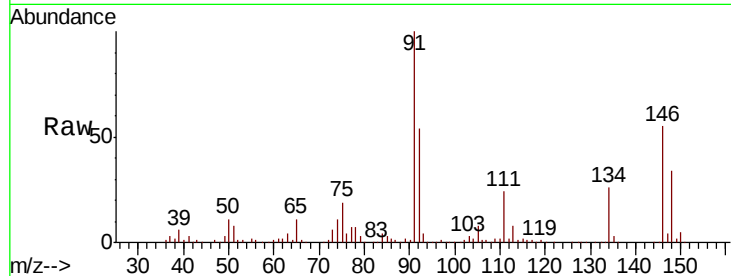
#89
n-Butylbenzene
Concen: 20.512 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		134585		
92	53.8	27.5	82.5		
134	25.3	12.9	38.7		

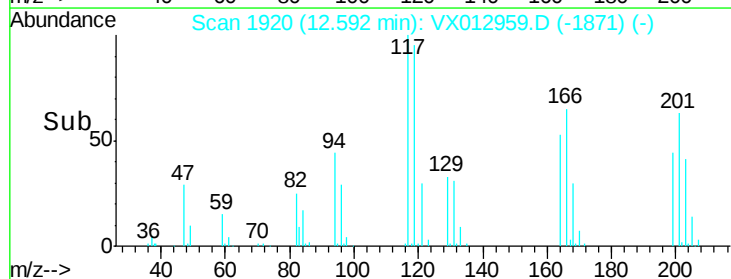
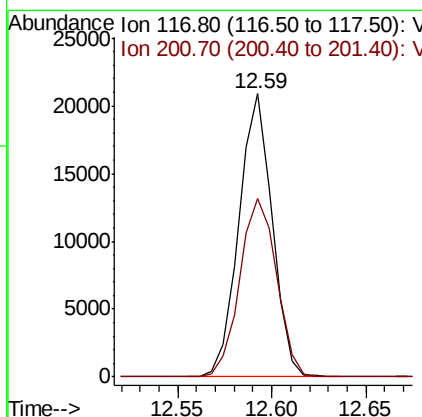
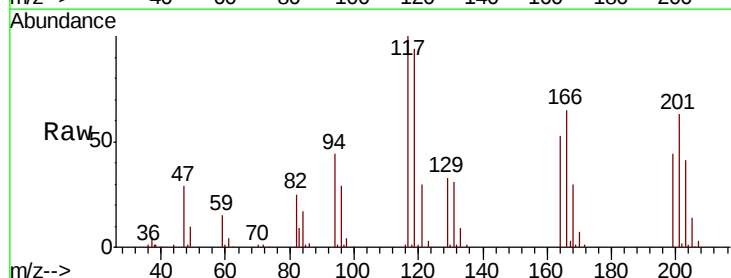
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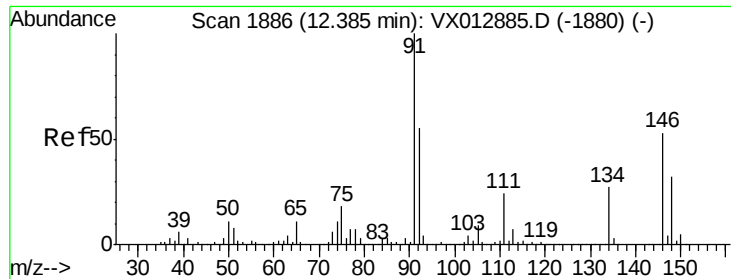
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#90
Hexachloroethane
Concen: 19.039 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		25549		
201	69.6	36.9	110.7		





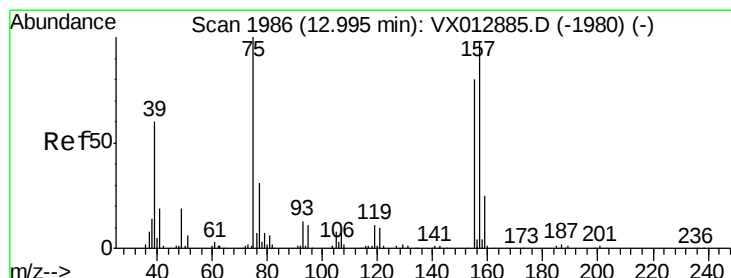
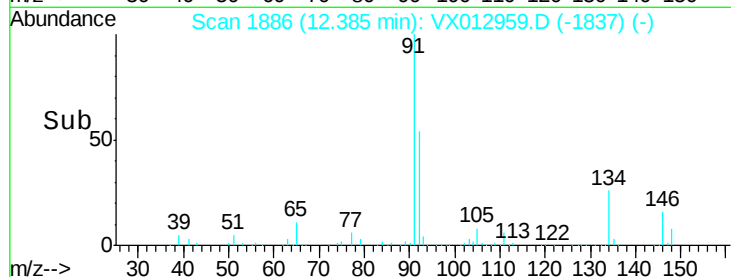
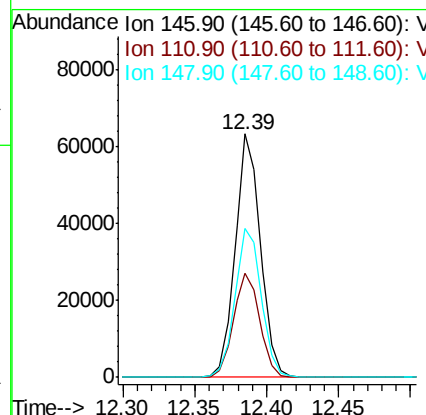
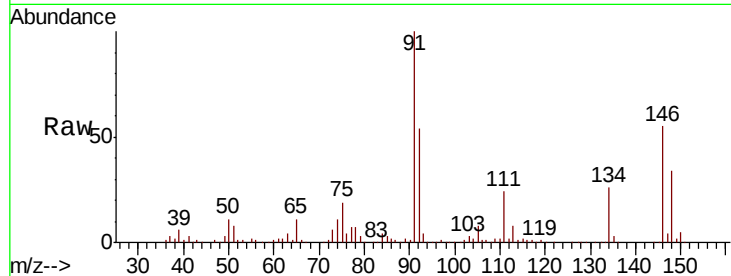
#91
 1,2-Dichlorobenzene
 Concen: 20.361 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.7	68.0
148	63.5	31.6	94.7

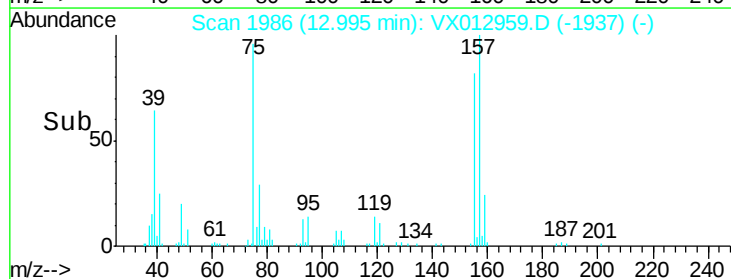
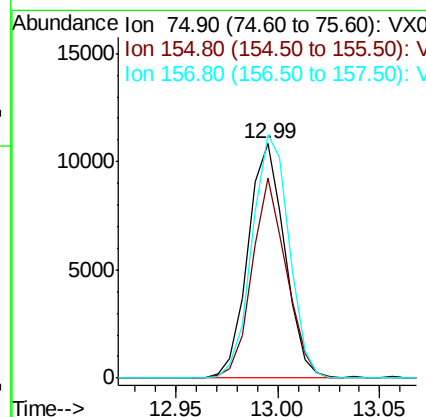
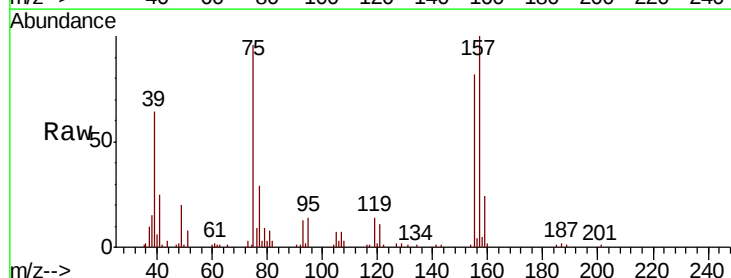
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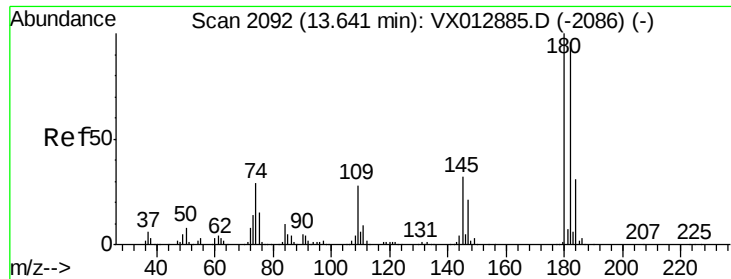
MMDadoda
 10/10/2019 9:04:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.424 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	43.0	128.8
157	104.9	54.1	162.3





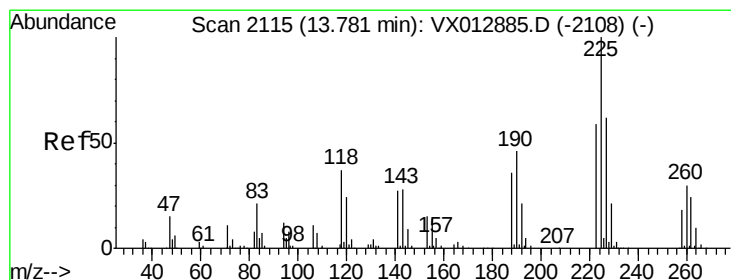
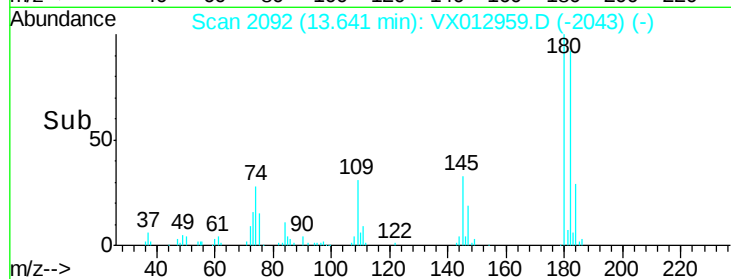
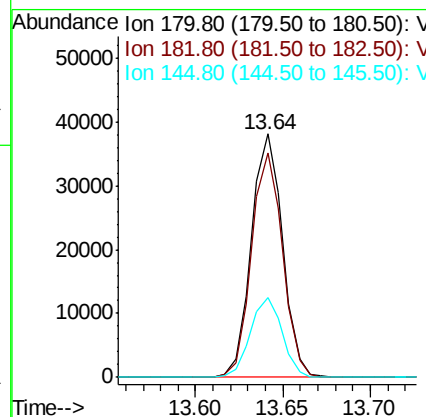
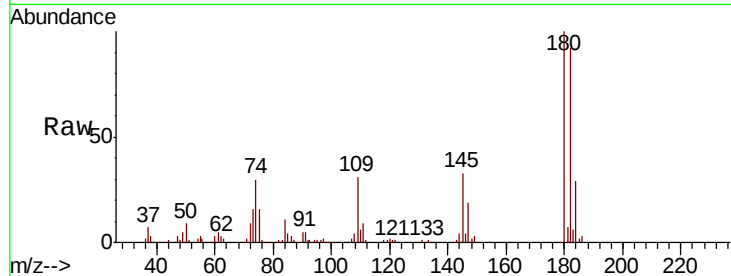
#93
 1,2,4-Trichlorobenzene
 Concen: 19.628 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	46.8	140.4
145	33.5	16.2	48.6

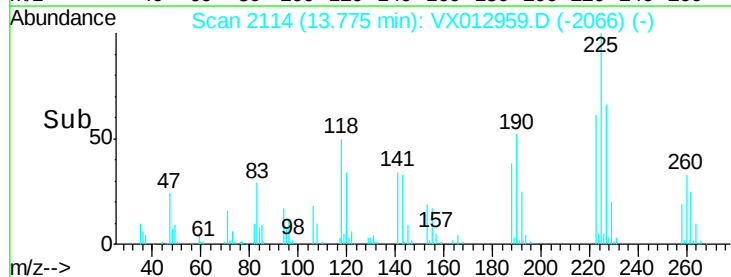
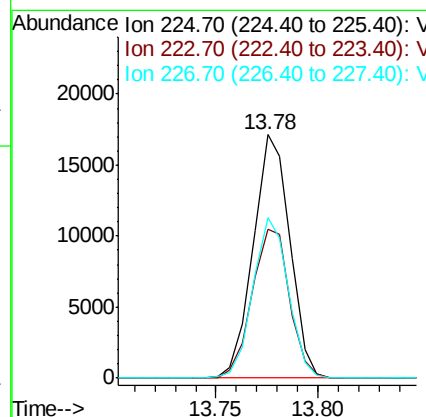
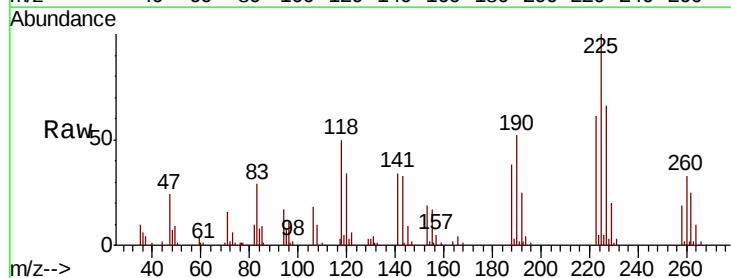
Manual Integrations
 APPROVED

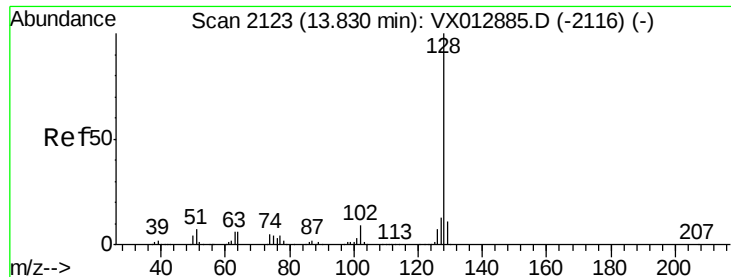
MMDadoda
 10/10/2019 9:04:30 AM



#94
 Hexachlorobutadiene
 Concen: 19.405 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.2
227	63.2	32.3	96.9





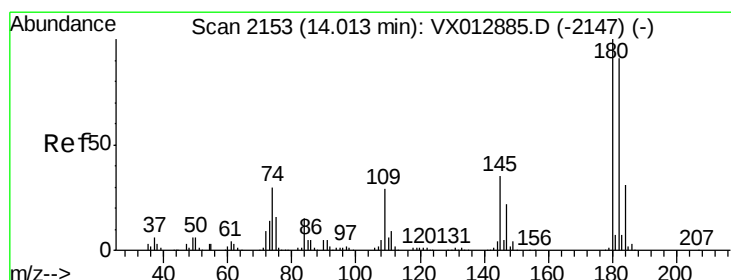
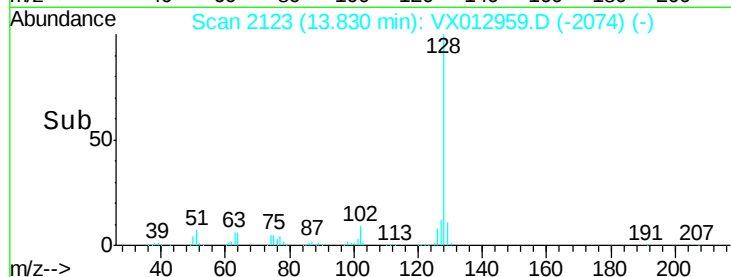
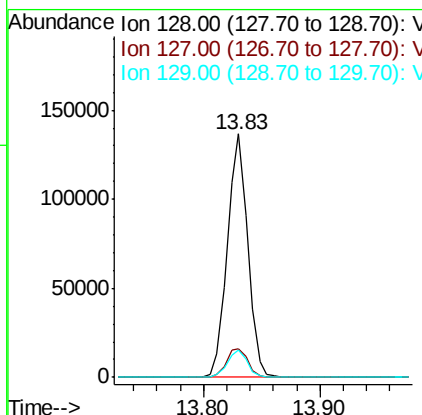
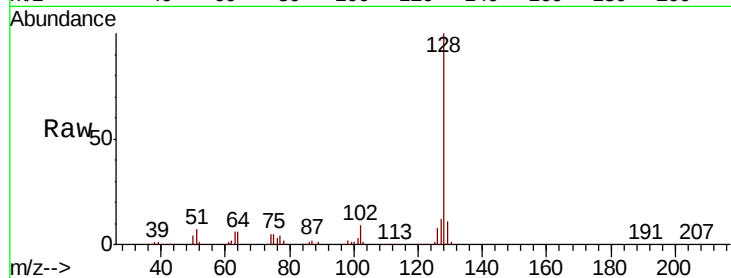
#95
Naphthalene
Concen: 19.980 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/10/2019 9:04:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.032 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.5
145	35.3	17.4	52.3

