

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072519\
 Data File : VX011075.D
 Acq On : 25 Jul 2019 14:06
 Operator : JC/SP
 Sample : VX0725WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 9:49:31 AM

Quant Time: Jul 26 02:21:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105302	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.50	113	93218	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	350414	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	129698	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	38179	18.613	ug/l 98
3) Chloromethane	1.33	50	32893	18.248	ug/l 97
4) Vinyl Chloride	1.41	62	35506	19.311	ug/l 98
5) Bromomethane	1.64	94	21882	21.119	ug/l 98
6) Chloroethane	1.72	64	24853	21.270	ug/l 93
7) Trichlorofluoromethane	1.93	101	61404	19.729	ug/l 97
8) Diethyl Ether	2.19	74	20946	19.533	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35077	19.739	ug/l 98
10) Methyl Iodide	2.51	142	40915	17.545	ug/l 99
11) Tert butyl alcohol	3.04	59	47668	98.151	ug/l 99
12) 1,1-Dichloroethene	2.37	96	33593	19.240	ug/l 96
13) Acrolein	2.29	56	18777	66.918	ug/l 94
14) Allyl chloride	2.73	41	48639	19.178	ug/l 99
15) Acrylonitrile	3.14	53	95597	97.412	ug/l 99
16) Acetone	2.45	43	84015	89.202	ug/l 97
17) Carbon Disulfide	2.57	76	73312	16.369	ug/l 100
18) Methyl Acetate	2.78	43	45299	21.122	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	110766	19.707	ug/l 100
20) Methylene Chloride	2.85	84	38435	19.256	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	34403	18.570	ug/l 100
22) Diisopropyl ether	3.86	45	106489	19.909	ug/l 91
23) Vinyl Acetate	3.81	43	445436	98.286	ug/l 98
24) 1,1-Dichloroethane	3.70	63	60103	19.348	ug/l 98
25) 2-Butanone	4.67	43	131968	97.609	ug/l 97
26) 2,2-Dichloropropane	4.59	77	45678	17.909	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	41032	19.138	ug/l 100
28) Bromochloromethane	5.02	49	28303	19.335	ug/l 96
29) Tetrahydrofuran	5.13	42	83066	96.993	ug/l 99
30) Chloroform	5.21	83	65300	19.448	ug/l 98
31) Cyclohexane	5.58	56	51894	18.328	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	56208	19.349	ug/l 100
36) 1,1-Dichloropropene	5.80	75	46474	19.341	ug/l 99
37) Ethyl Acetate	4.83	43	48357	19.654	ug/l 96
38) Carbon Tetrachloride	5.79	117	47552	18.991	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	57487	18.449	ug/l	97
40) Benzene	6.14	78	143661	19.518	ug/l	99
41) Methacrylonitrile	5.04	41	25057	17.940	ug/l	96
42) 1,2-Dichloroethane	6.19	62	51157	19.989	ug/l	99
43) Isopropyl Acetate	6.45	43	77587	19.178	ug/l	99
44) Trichloroethene	7.21	130	42146	19.344	ug/l	95
45) 1,2-Dichloropropane	7.51	63	37442	19.986	ug/l	95
46) Dibromomethane	7.66	93	26824	20.038	ug/l	97
47) Bromodichloromethane	7.90	83	46171	19.376	ug/l	98
48) Methyl methacrylate	7.77	41	37607	19.081	ug/l	98
49) 1,4-Dioxane	7.74	88	22021	399.438	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	264486	100.849	ug/l	100
52) Toluene	8.78	92	92505	19.131	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47194	18.419	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	54314	19.050	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	39085	19.632	ug/l	98
56) Ethyl methacrylate	9.18	69	58128	19.960	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61318	19.415	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	143808	103.445	ug/l	98
59) 2-Hexanone	9.49	43	205304	100.930	ug/l	99
60) Dibromochloromethane	9.58	129	39535	18.910	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41108	19.456	ug/l	99
64) Tetrachloroethene	9.34	164	41738	19.812	ug/l	98
65) Chlorobenzene	10.13	112	105647	19.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	37867	19.589	ug/l	98
67) Ethyl Benzene	10.25	91	181214	19.356	ug/l	98
68) m/p-Xylenes	10.36	106	141094	39.288	ug/l	98
69) o-Xylene	10.69	106	68687	19.597	ug/l	100
70) Styrene	10.71	104	115448	19.759	ug/l	99
71) Bromoform	10.85	173	28196	17.752	ug/l #	99
73) Isopropylbenzene	11.02	105	184597	19.824	ug/l	100
74) N-amyl acetate	10.90	43	69183	19.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60485	19.848	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	51484m	20.702	ug/l	
77) Bromobenzene	11.26	156	50699	19.738	ug/l	99
78) n-propylbenzene	11.36	91	203179	19.747	ug/l	99
79) 2-Chlorotoluene	11.42	91	122970	19.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	154842	19.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15066	18.107	ug/l	90
82) 4-Chlorotoluene	11.51	91	141537	19.675	ug/l	100
83) tert-Butylbenzene	11.77	119	152930	20.009	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	154909	19.752	ug/l	99
85) sec-Butylbenzene	11.94	105	181539	20.271	ug/l	99
86) p-Isopropyltoluene	12.06	119	165374	19.974	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89394	20.055	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	87594	19.160	ug/l	98
89) n-Butylbenzene	12.38	91	138460	19.547	ug/l	100
90) Hexachloroethane	12.60	117	23653	18.113	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	89357	20.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13073	20.523	ug/l	93

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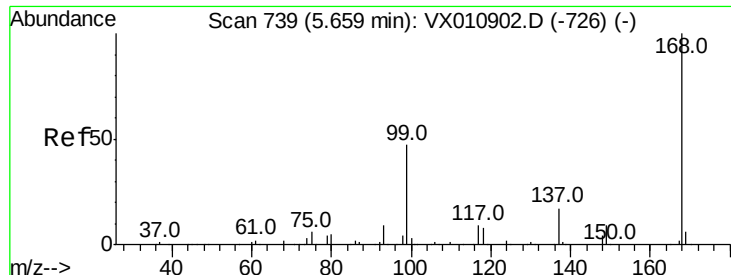
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58936	19.685	ug/l	99
94) Hexachlorobutadiene	13.78	225	30232	20.377	ug/l	96
95) Naphthalene	13.83	128	172986	19.566	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61468	20.634	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion:168 Resp: 196020

Ion Ratio Lower Upper

168 100

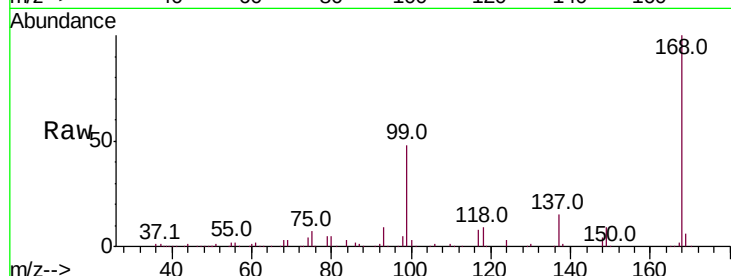
99 47.6 37.6 56.4

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

5.66

80000

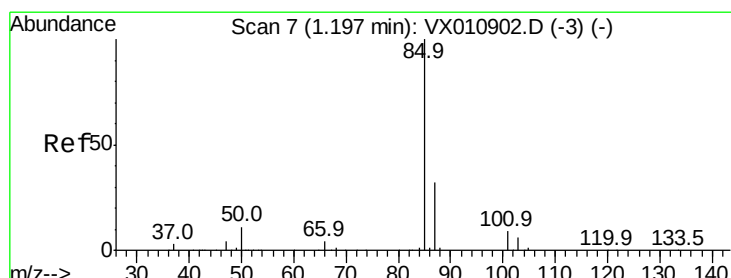
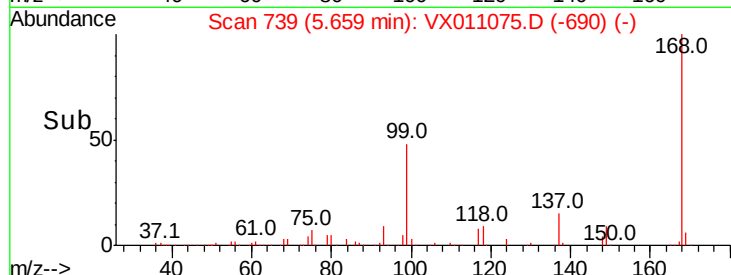
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.613 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011075.D

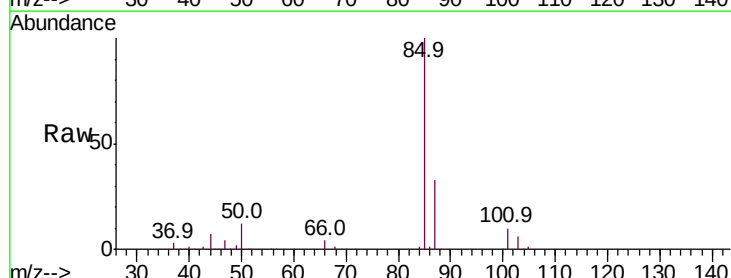
Acq: 25 Jul 2019 14:06

Tgt Ion: 85 Resp: 38179

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

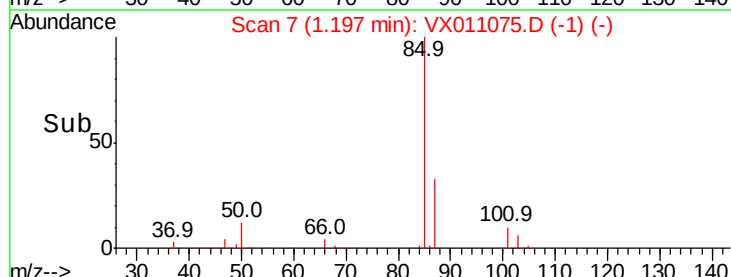
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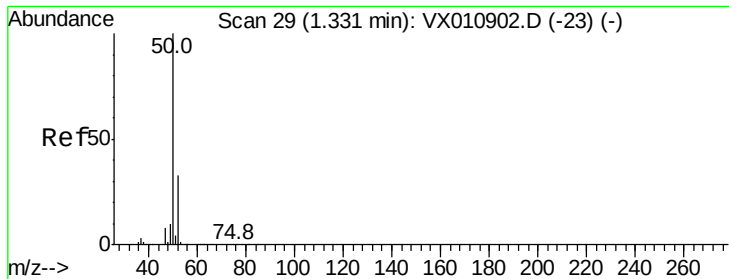
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.248 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 50 Resp: 32893

Ion Ratio Lower Upper

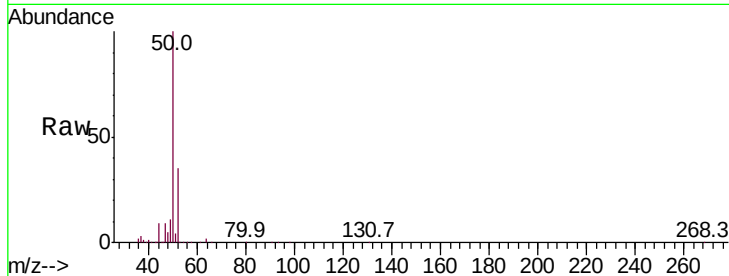
50 100

52 34.8 26.4 39.6

Manual Integrations
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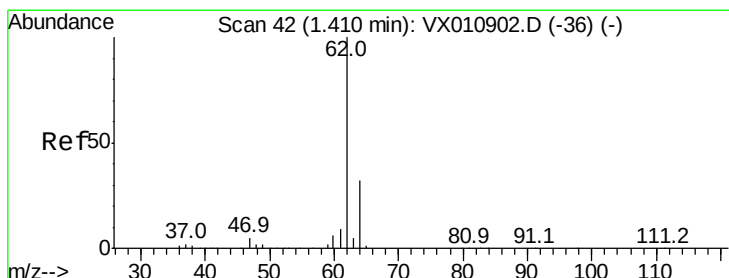
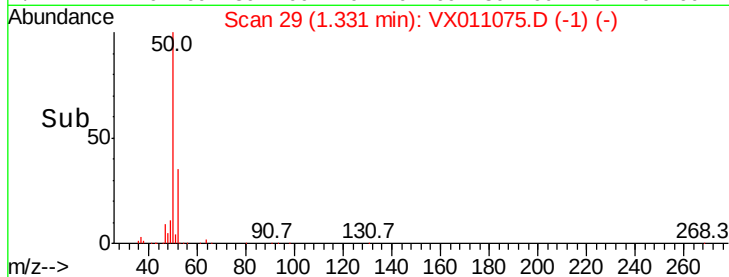
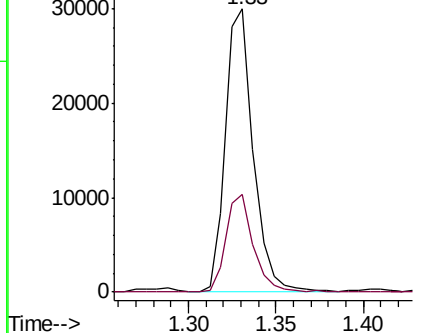
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.311 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011075.D

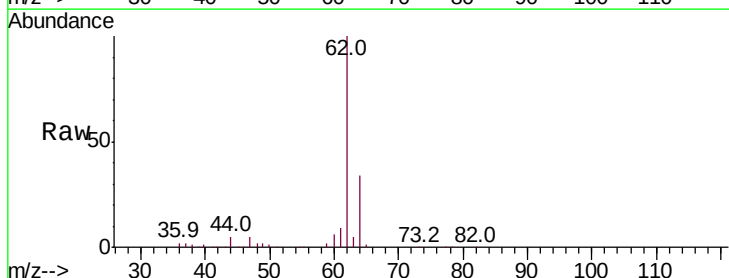
Acq: 25 Jul 2019 14:06

Tgt Ion: 62 Resp: 35506

Ion Ratio Lower Upper

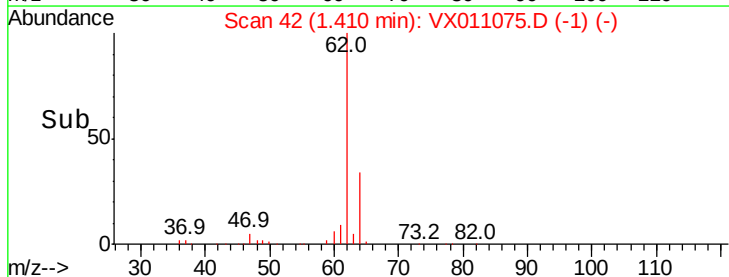
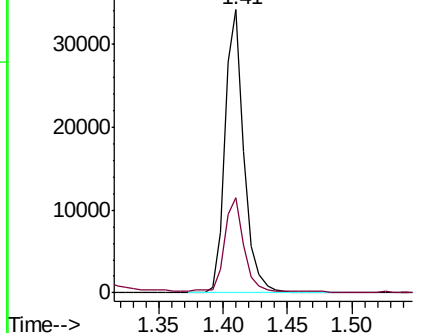
62 100

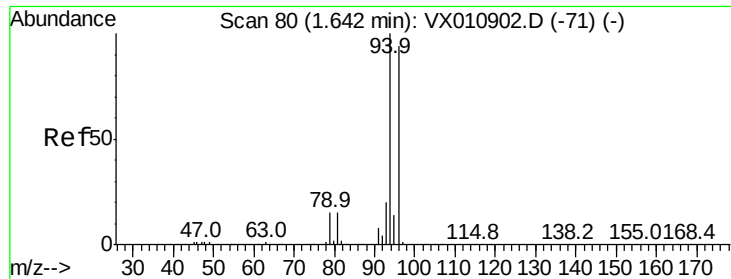
64 33.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.119 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 94 Resp: 21882

Ion Ratio Lower Upper

94 100

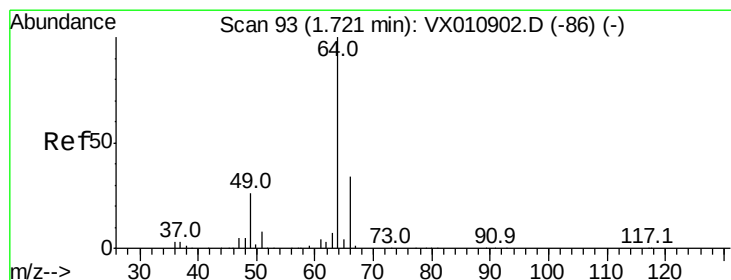
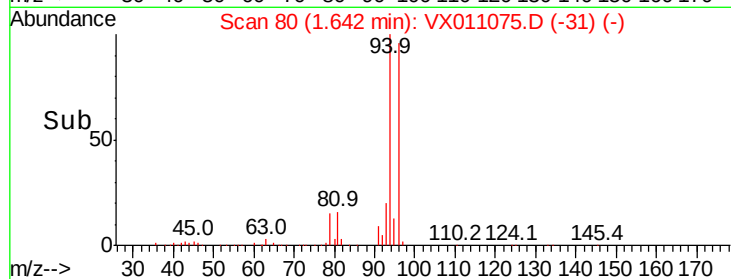
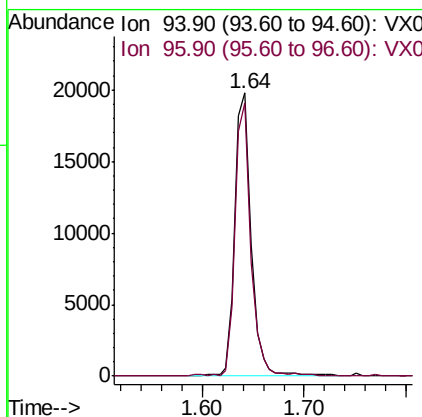
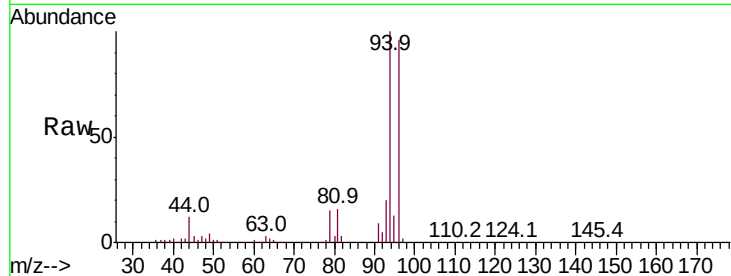
96 96.5 75.6 113.4

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#6

Chloroethane

Concen: 21.270 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011075.D

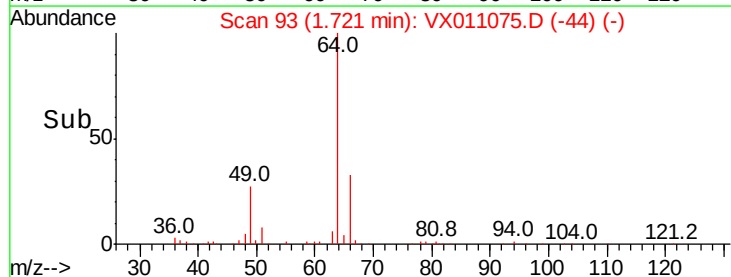
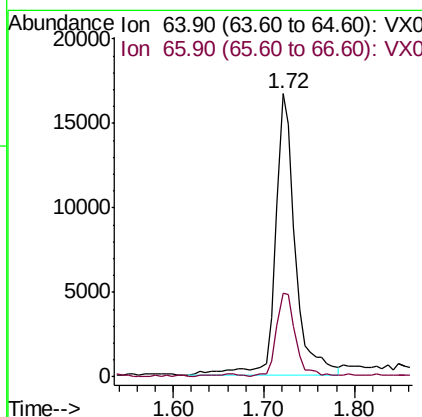
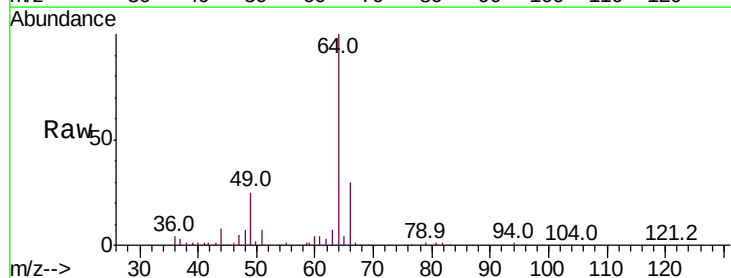
Acq: 25 Jul 2019 14:06

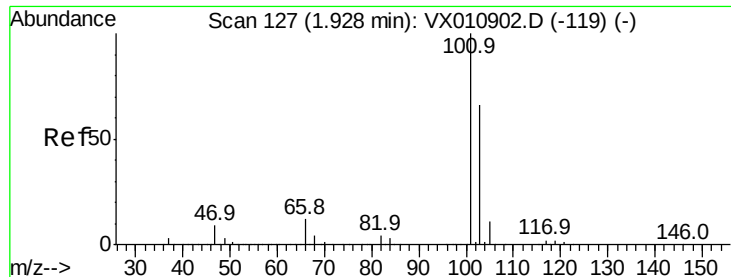
Tgt Ion: 64 Resp: 24853

Ion Ratio Lower Upper

64 100

66 29.8 27.0 40.6





#7

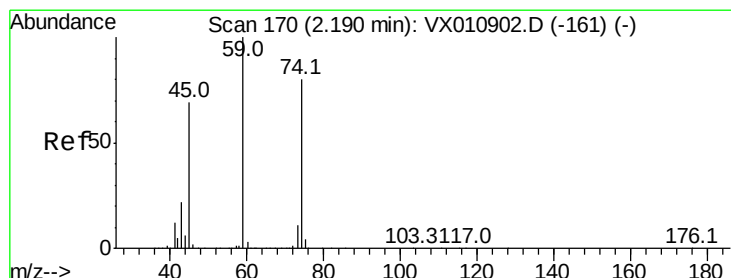
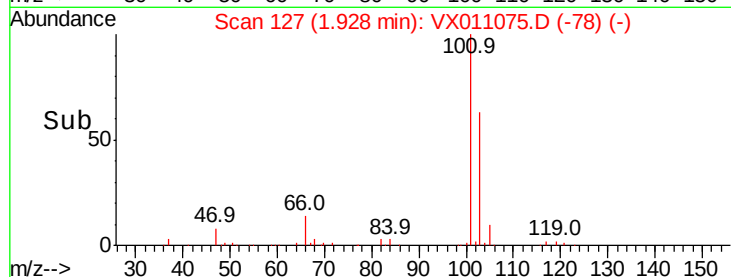
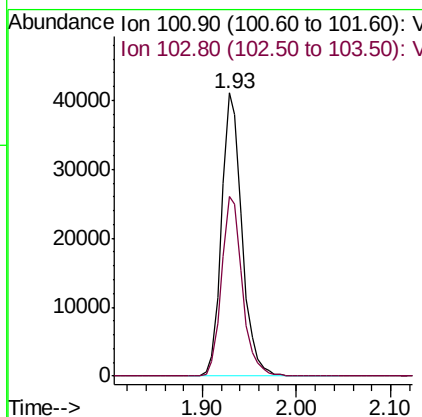
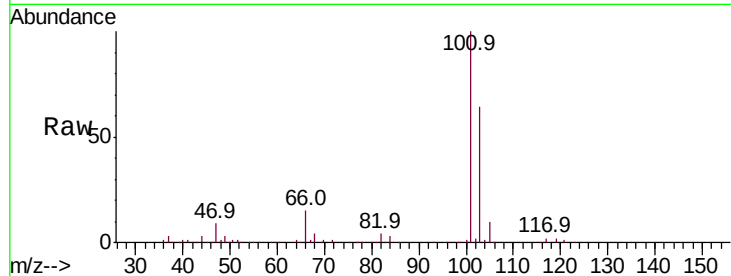
Trichlorofluoromethane
Concen: 19.729 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
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ClientSampleId :
VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.6	78.8

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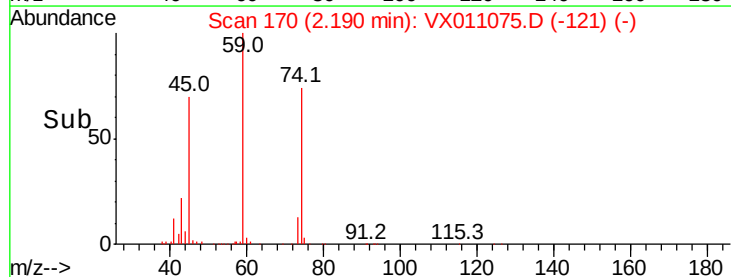
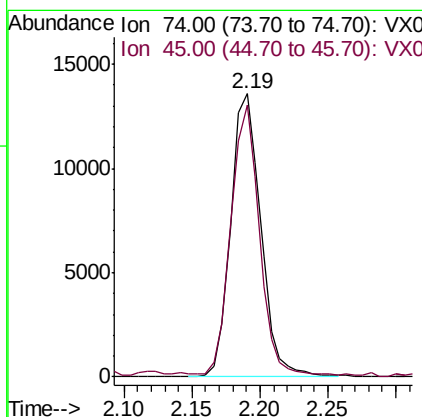
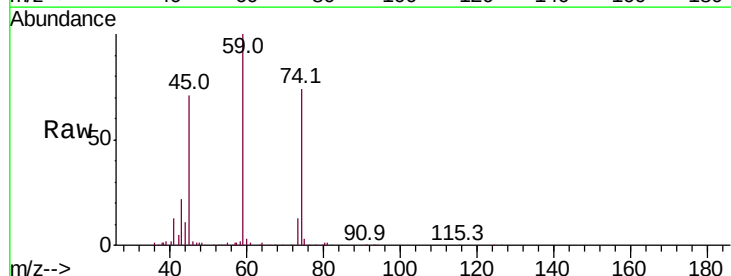
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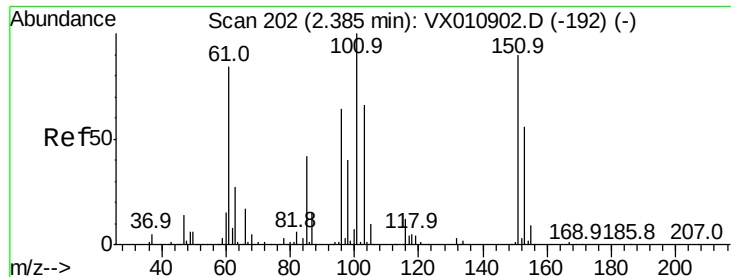


#8

Diethyl Ether
Concen: 19.533 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.0	45.5	136.5





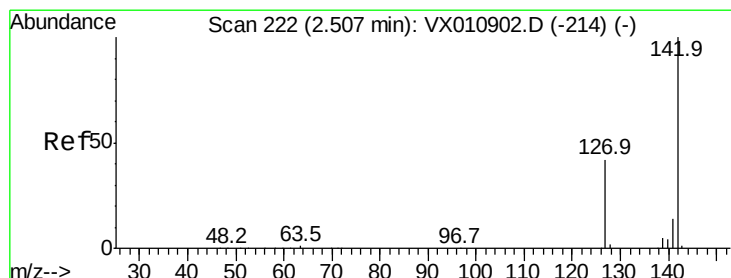
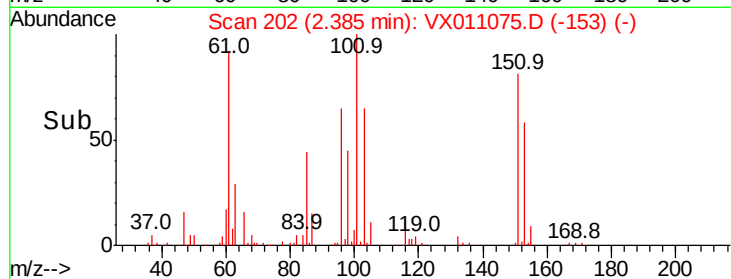
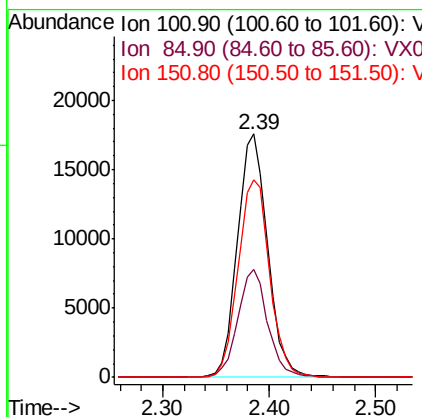
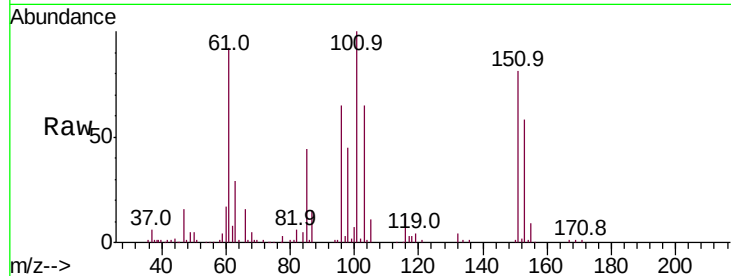
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.739 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
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 VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.9	34.6	52.0
151	84.4	69.6	104.4

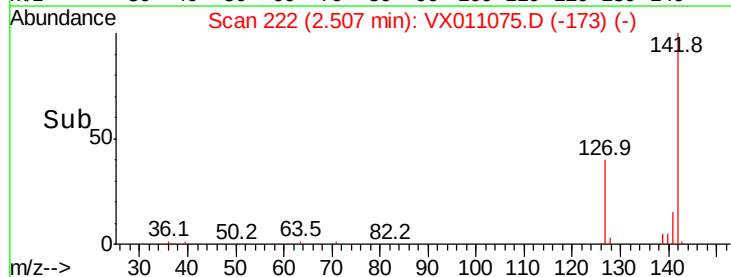
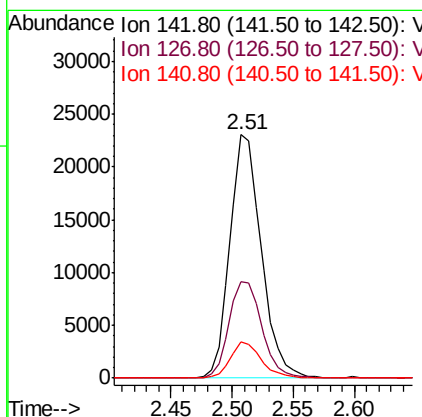
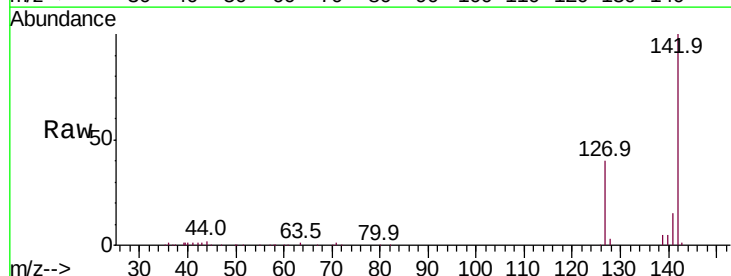
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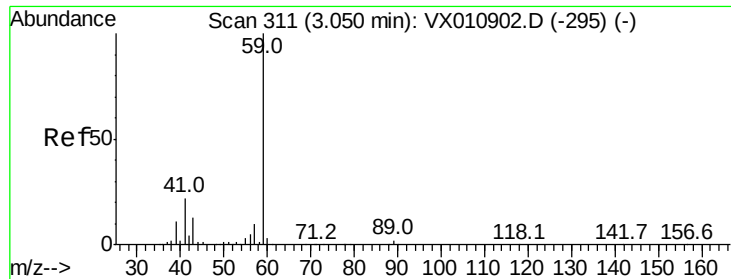
MMDadoda
 7/26/2019 9:49:31 AM



#10
 Methyl Iodide
 Concen: 17.545 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.8	34.2	51.4
141	14.6	11.7	17.5





#11

Tert butyl alcohol

Concen: 98.151 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

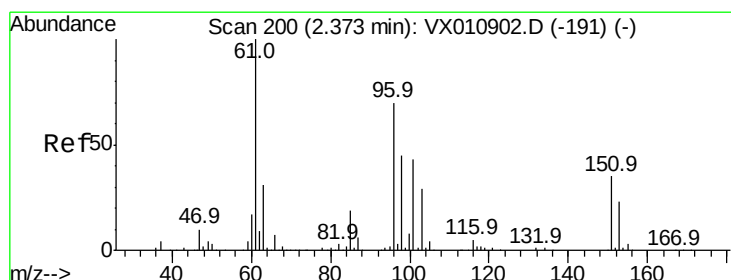
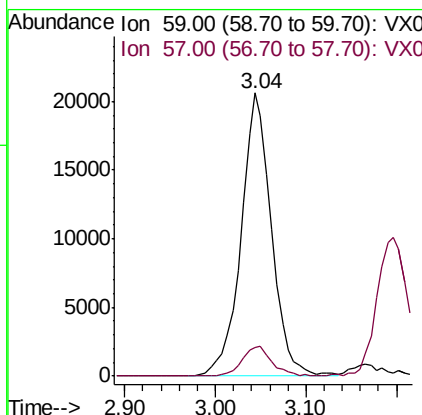
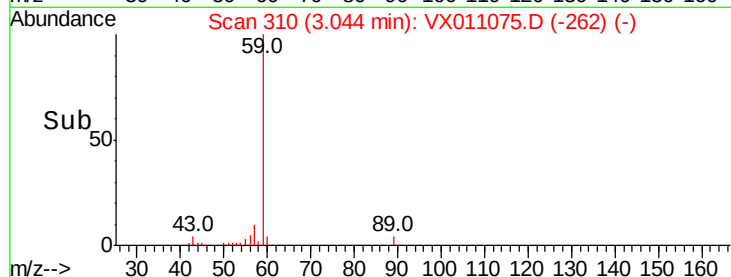
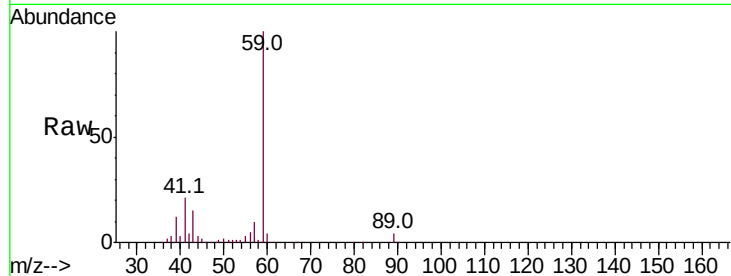
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion: 59 Resp: 47668

Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.9	11.9

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#12

1,1-Dichloroethene

Concen: 19.240 ug/l

RT: 2.37 min Scan# 200

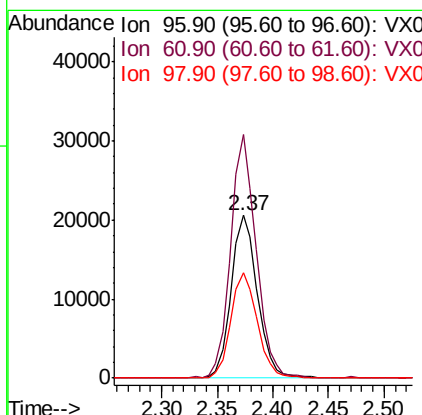
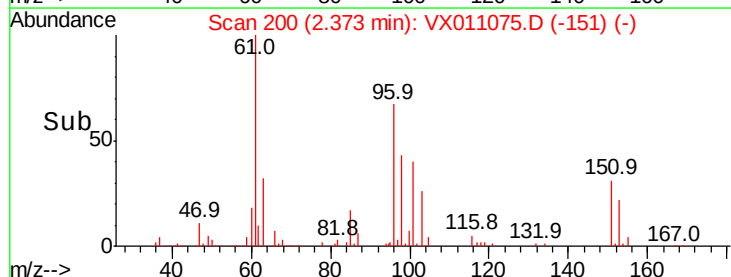
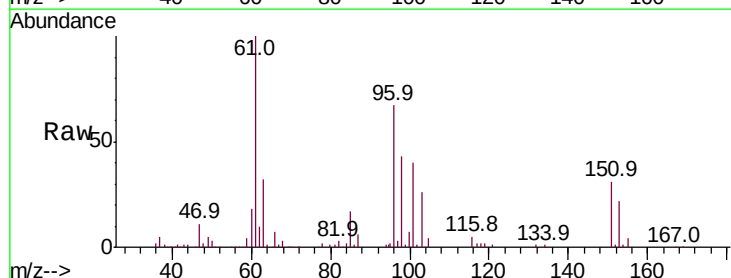
Delta R.T. -0.00 min

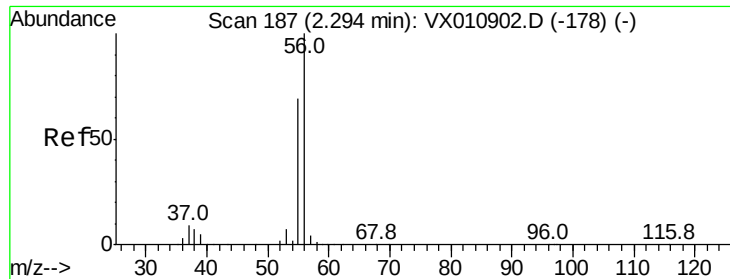
Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion: 96 Resp: 33593

Ion	Ratio	Lower	Upper
96	100		
61	149.7	115.0	172.4
98	64.5	52.2	78.2





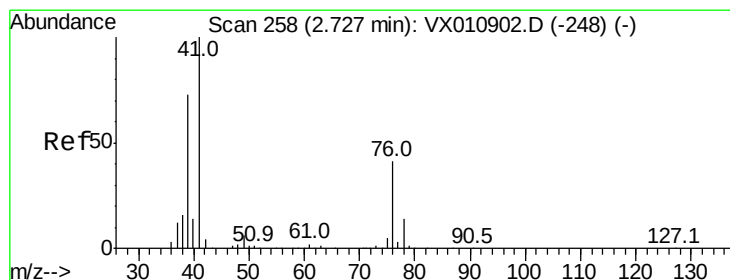
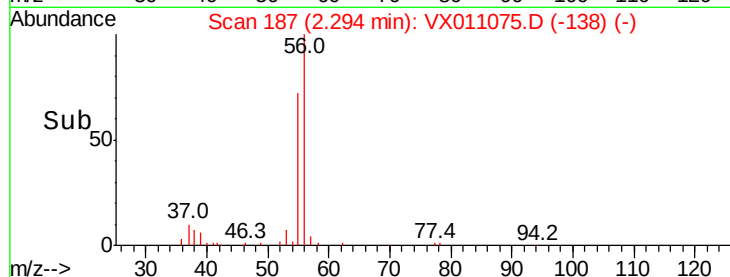
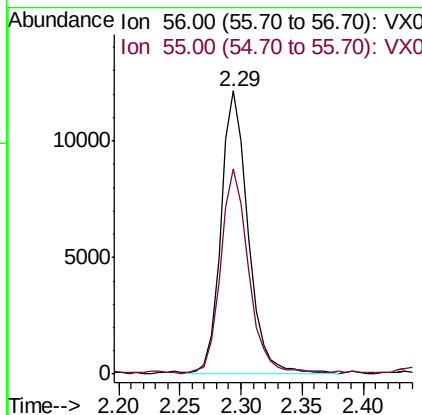
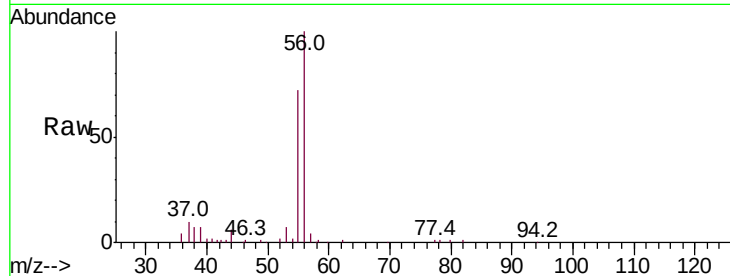
#13
Acrolein
Concen: 66.918 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion	56	Resp	18777
Ion Ratio	Lower	Upper	
56	100		
55	75.2	55.9	83.9

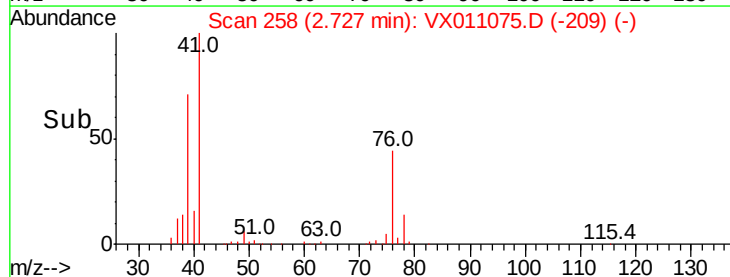
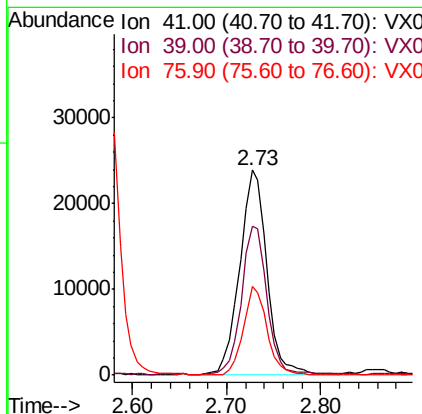
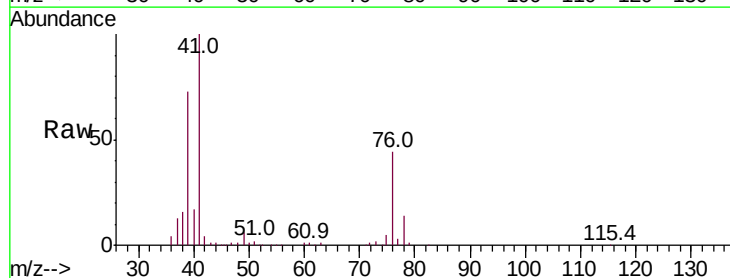
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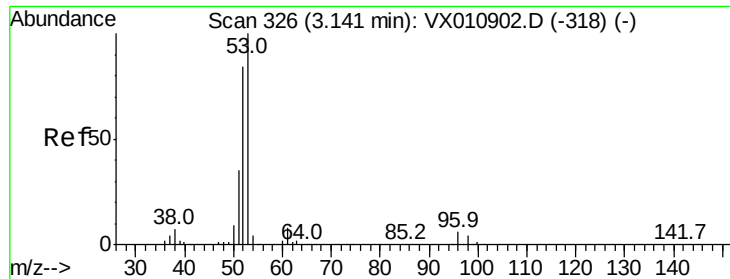
MMDadoda
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#14
Allyl chloride
Concen: 19.178 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	41	Resp	48639
Ion Ratio	Lower	Upper	
41	100		
39	66.6	53.6	80.4
76	37.5	29.7	44.5





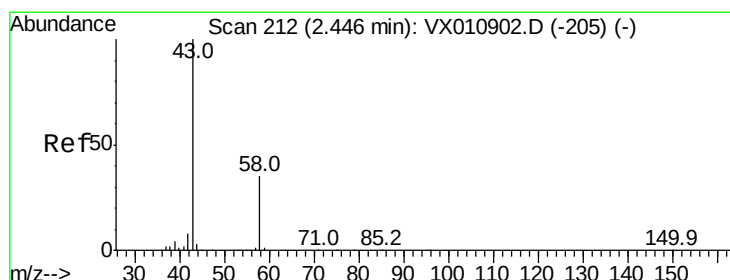
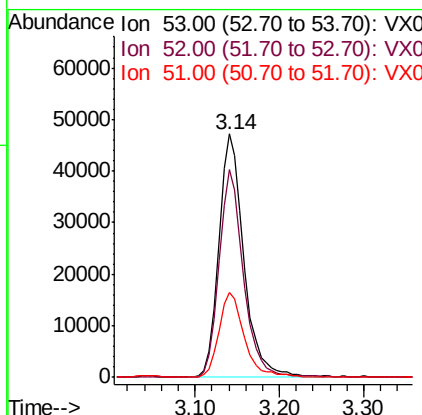
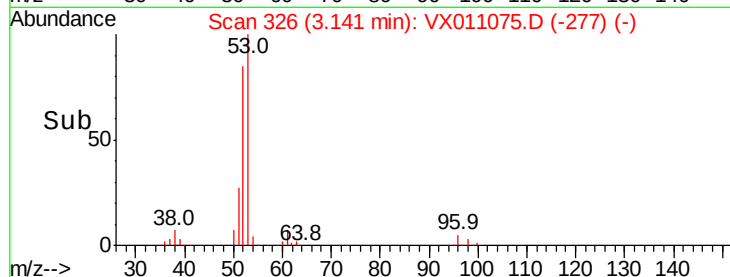
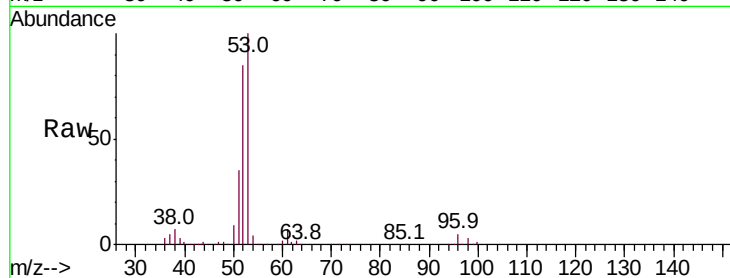
#15
Acrylonitrile
Concen: 97.412 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.5	99.7
51	35.7	28.2	42.4

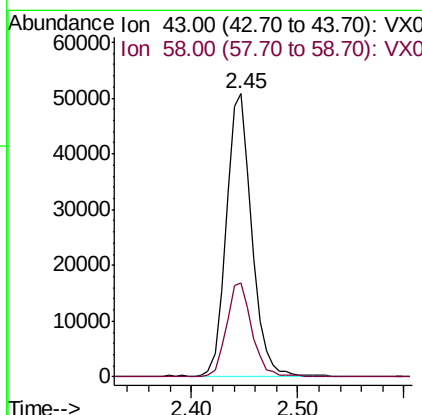
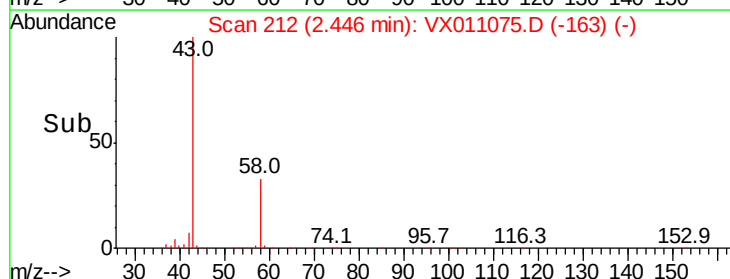
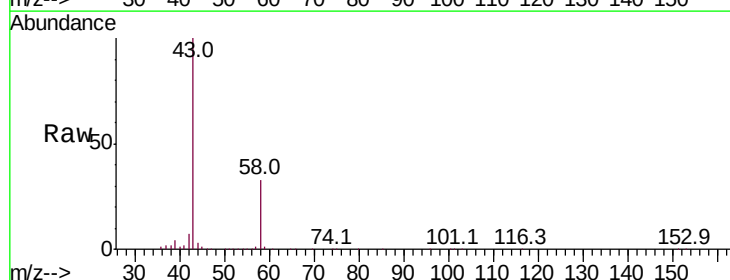
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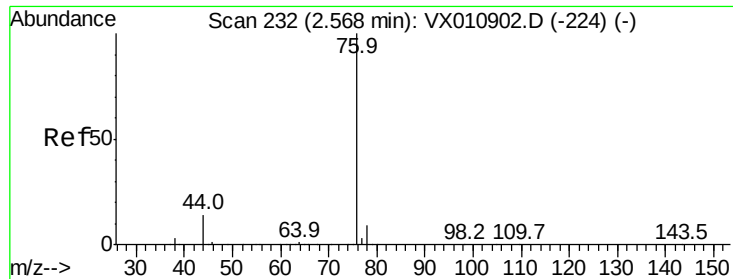
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#16
Acetone
Concen: 89.202 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.1	27.7	41.5





#17

Carbon Disulfide

Concen: 16.369 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 76 Resp: 73312

Ion Ratio Lower Upper

76 100

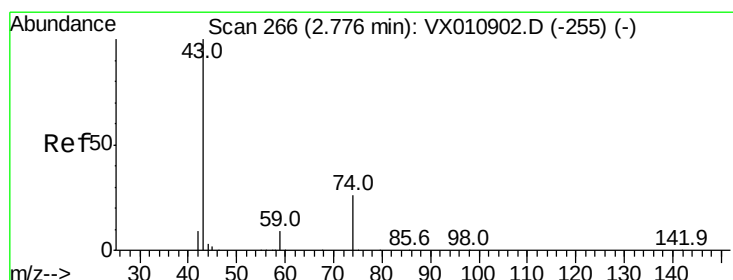
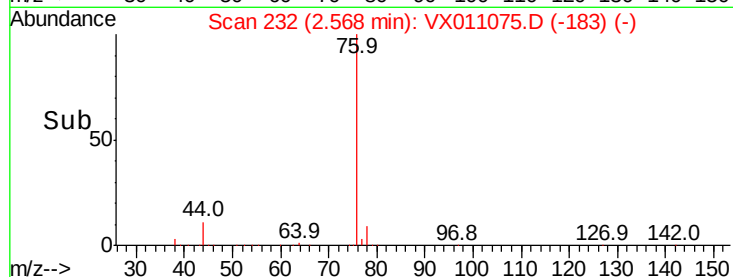
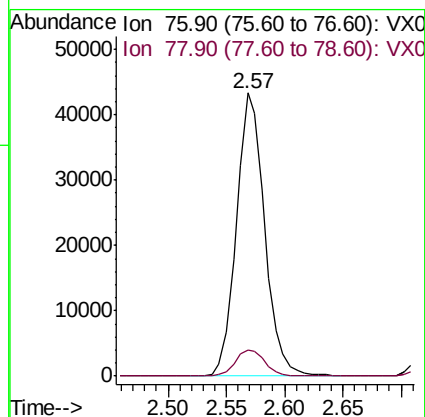
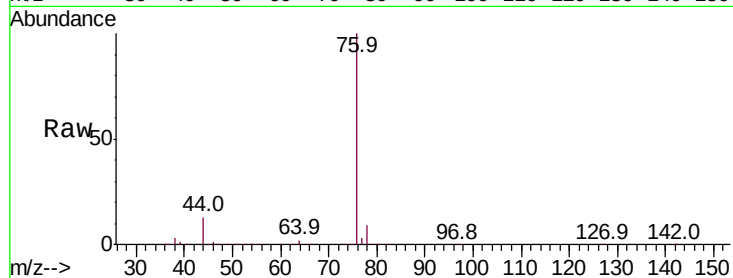
78 9.2 7.4 11.0

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#18

Methyl Acetate

Concen: 21.122 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX011075.D

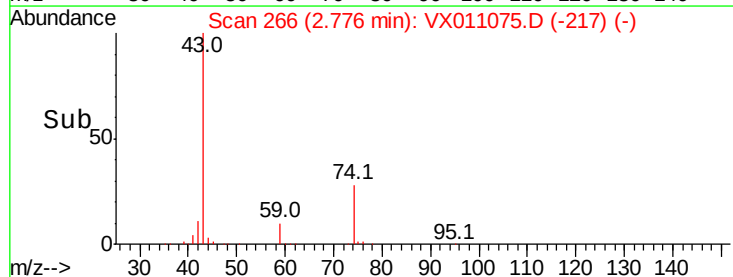
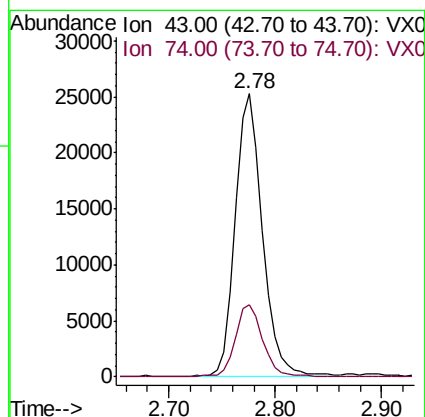
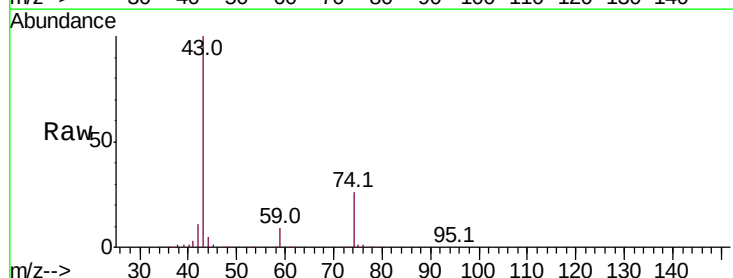
Acq: 25 Jul 2019 14:06

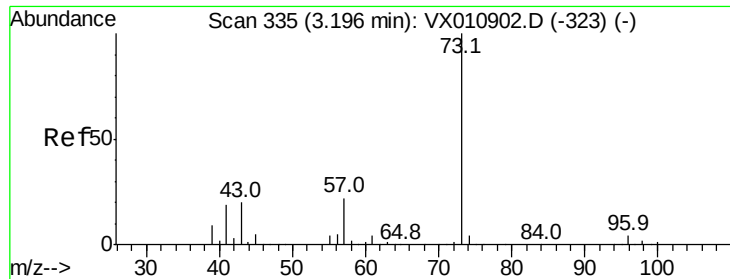
Tgt Ion: 43 Resp: 45299

Ion Ratio Lower Upper

43 100

74 26.0 21.5 32.3





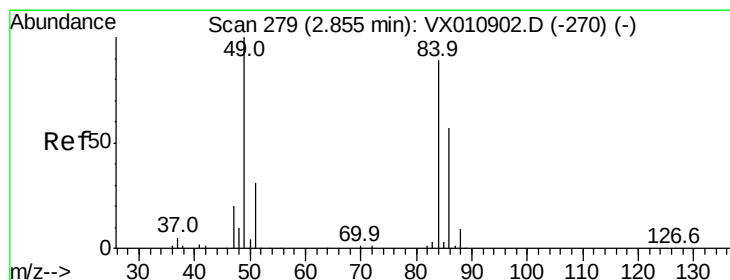
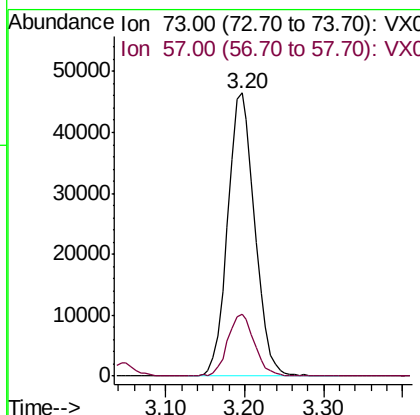
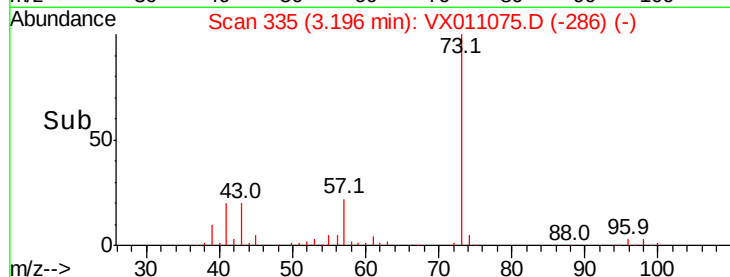
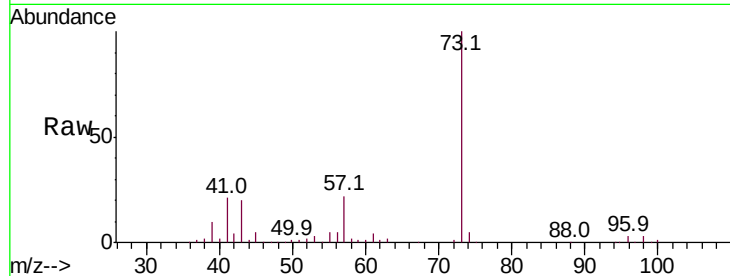
#19
Methyl tert-butyl Ether
Concen: 19.707 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion: 73 Resp: 110766
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

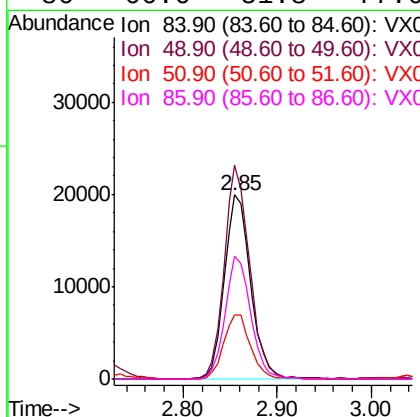
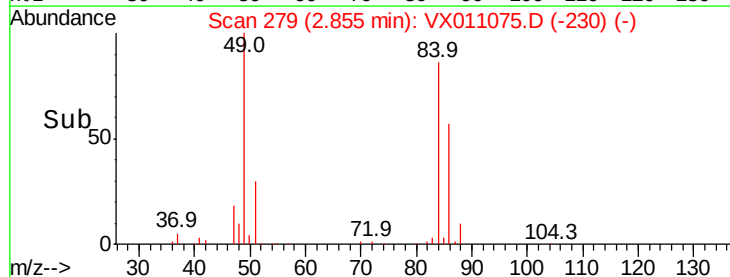
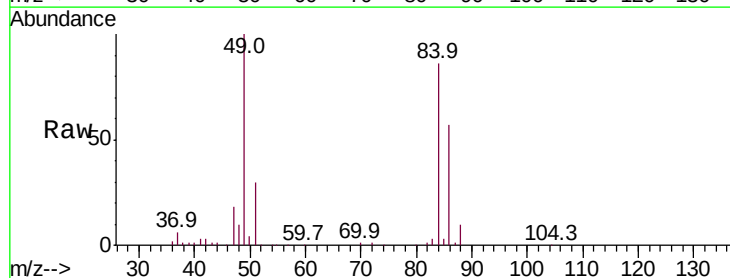
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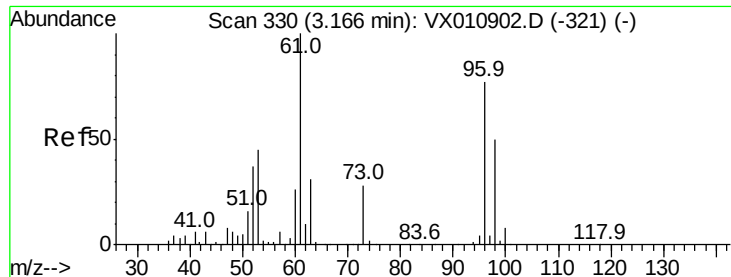
MMDadoda
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#20
Methylene Chloride
Concen: 19.256 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 84 Resp: 38435
Ion Ratio Lower Upper
84 100
49 115.7 89.9 134.9
51 34.9 27.8 41.6
86 66.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.570 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 96 Resp: 34403

Ion Ratio Lower Upper

96 100

61 130.0 104.2 156.2

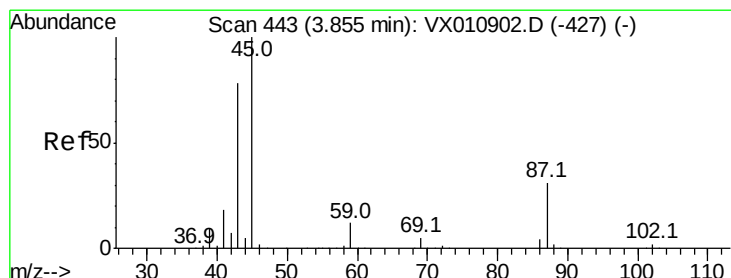
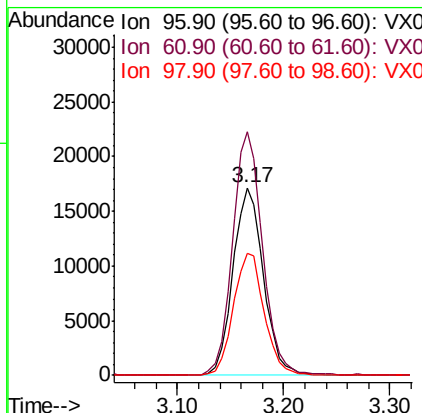
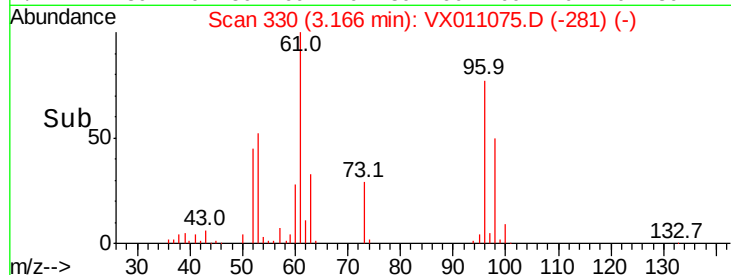
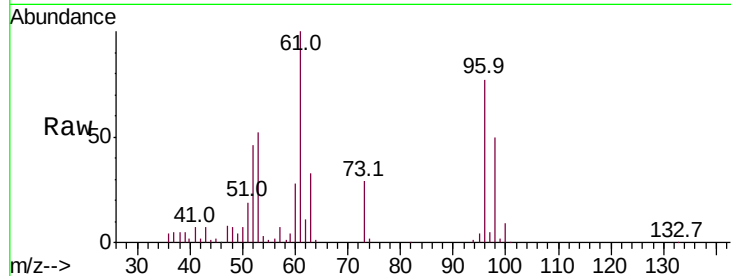
98 65.3 52.2 78.4

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#22

Diisopropyl ether

Concen: 19.909 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion: 45 Resp: 106489

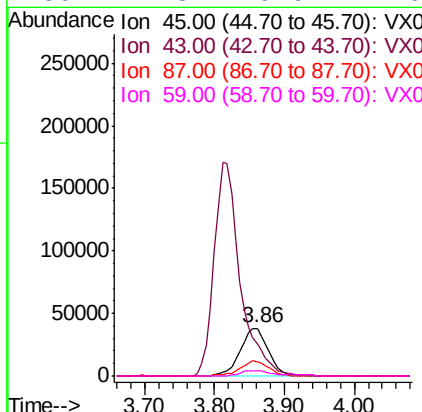
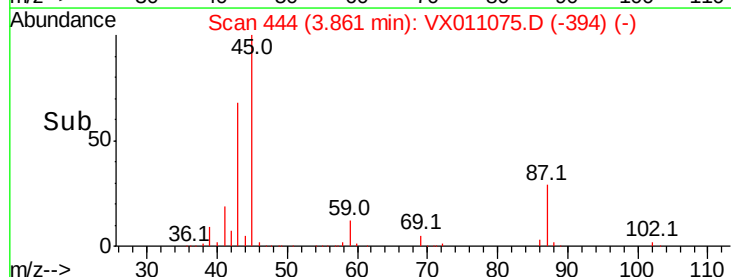
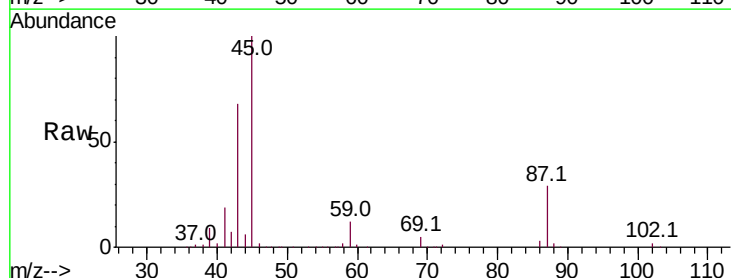
Ion Ratio Lower Upper

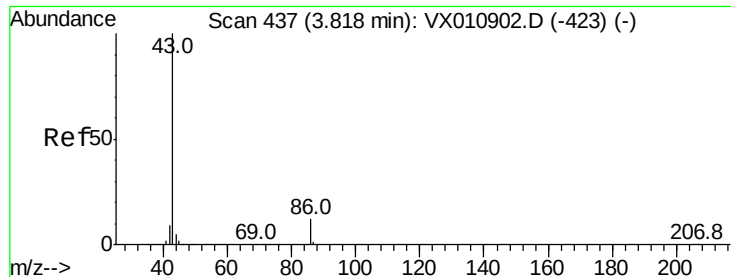
45 100

43 67.9 62.3 93.5

87 29.0 25.0 37.4

59 11.8 9.9 14.9





#23

Vinyl Acetate

Concen: 98.286 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 43 Resp: 445436

Ion Ratio Lower Upper

43 100

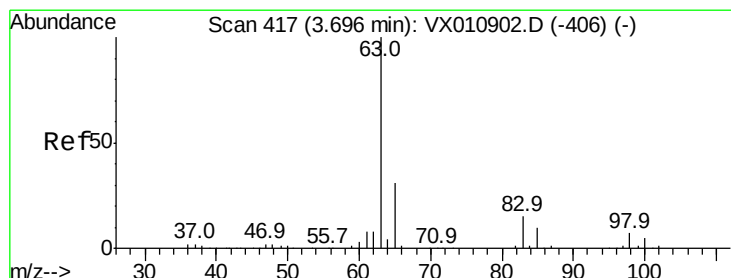
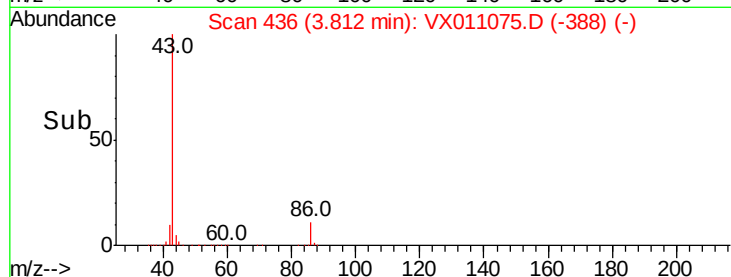
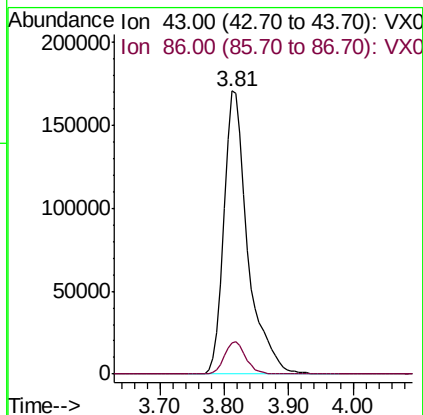
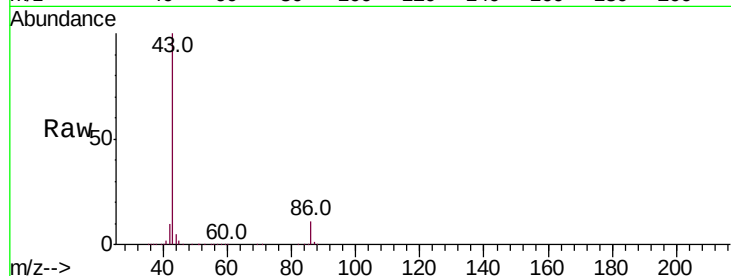
86 10.9 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.348 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

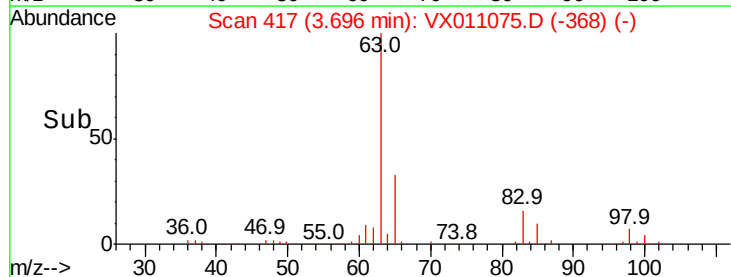
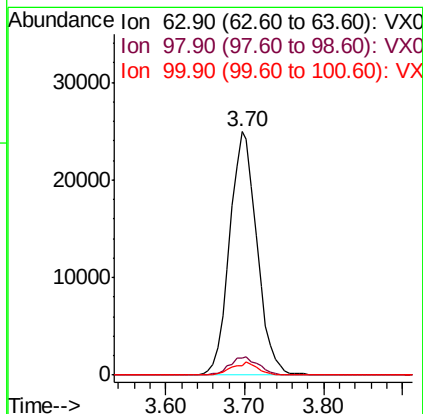
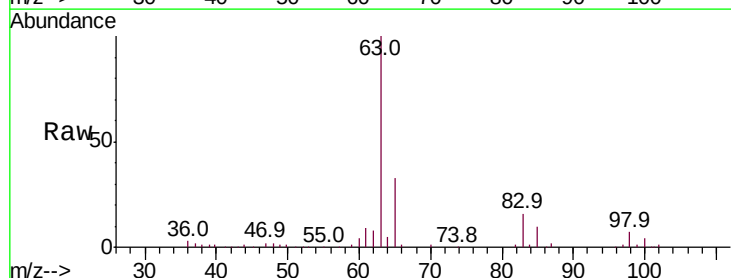
Tgt Ion: 63 Resp: 60103

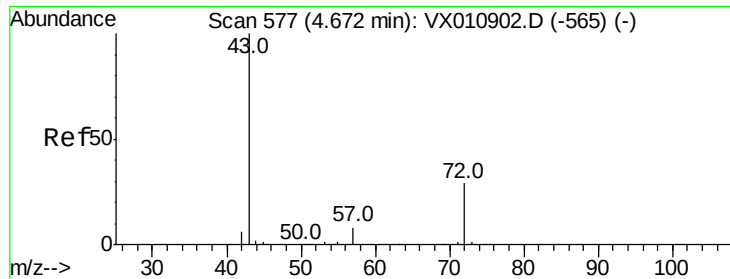
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 97.609 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 43 Resp: 131968

Ion Ratio Lower Upper

43 100

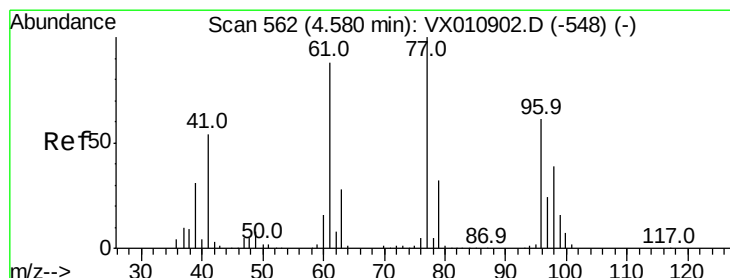
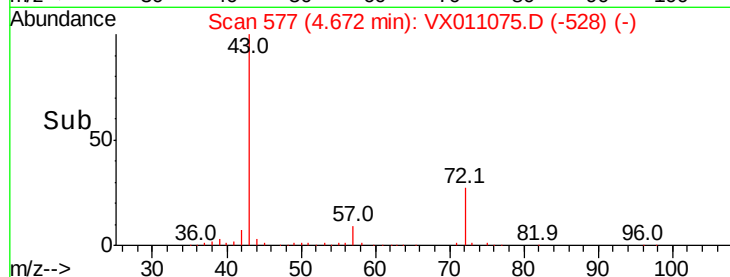
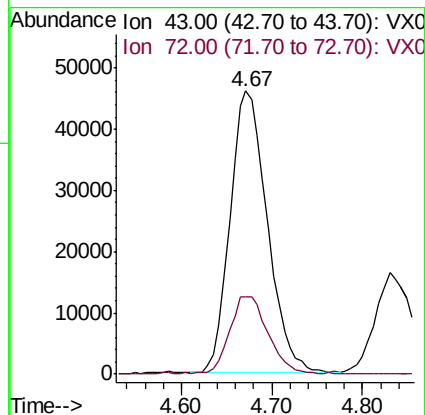
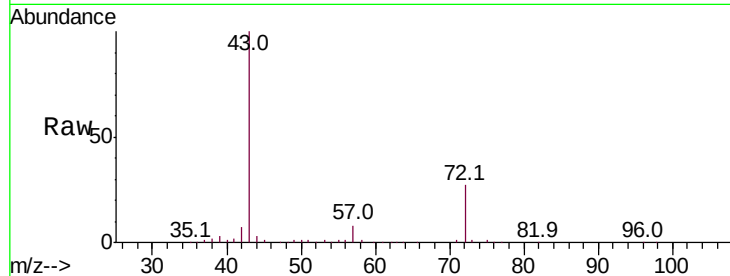
72 27.2 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.909 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011075.D

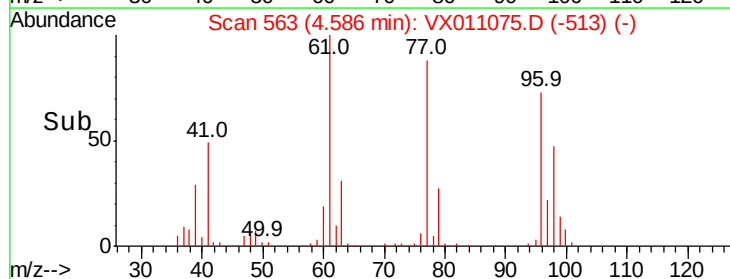
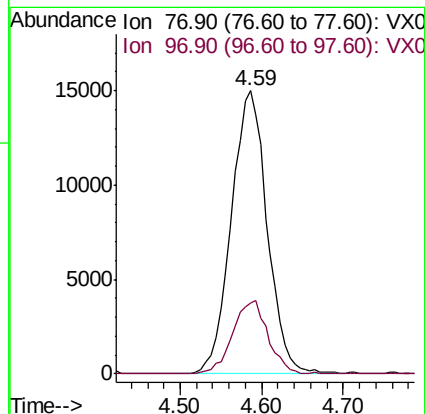
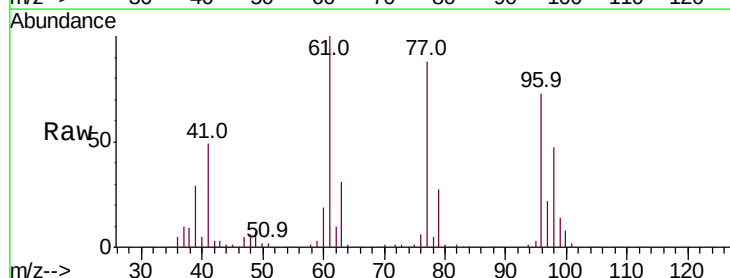
Acq: 25 Jul 2019 14:06

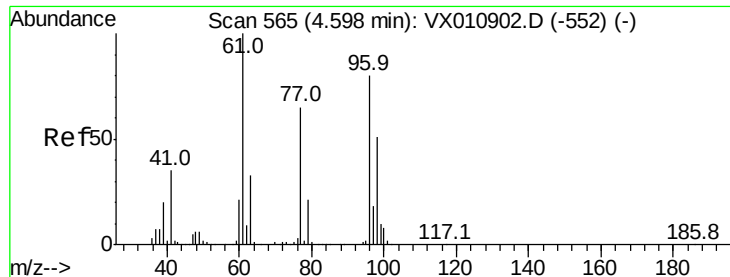
Tgt Ion: 77 Resp: 45678

Ion Ratio Lower Upper

77 100

97 25.3 12.6 37.6





#27

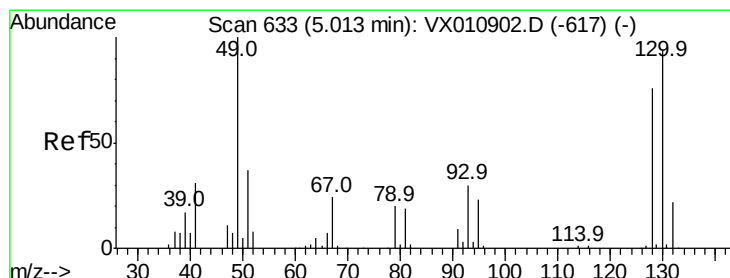
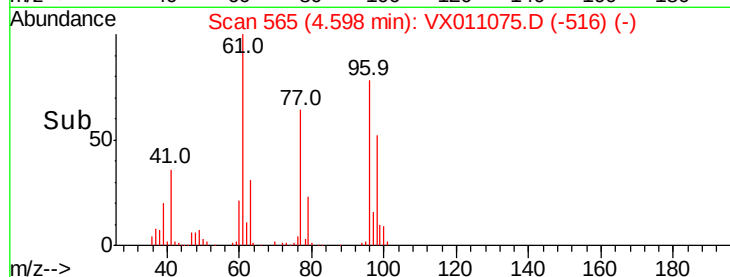
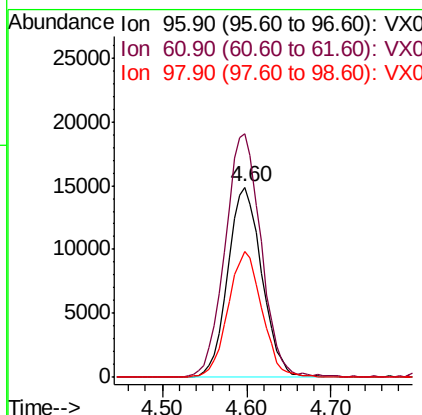
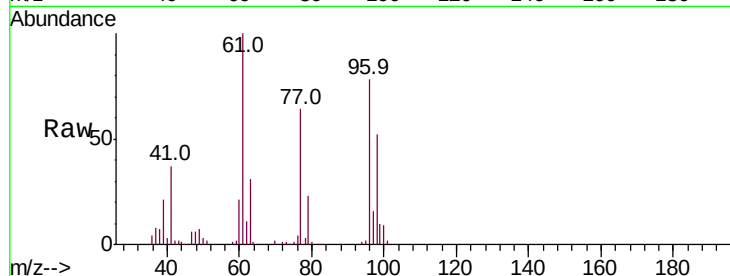
cis-1,2-Dichloroethene
Concen: 19.138 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	269.0
98	65.5	0.0	131.4

Manual Integrations
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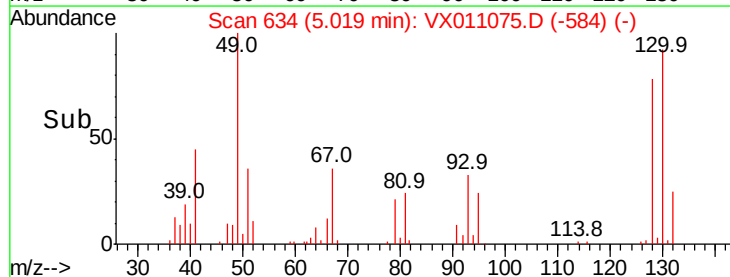
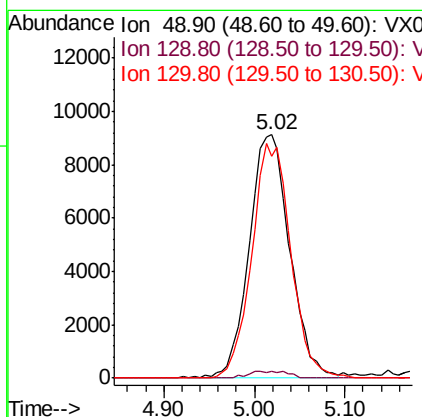
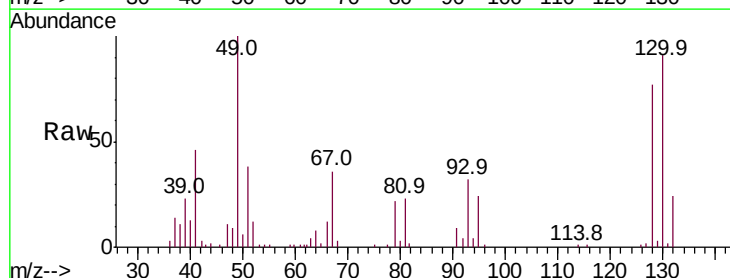
MMDadoda
7/26/2019 9:49:31 AM

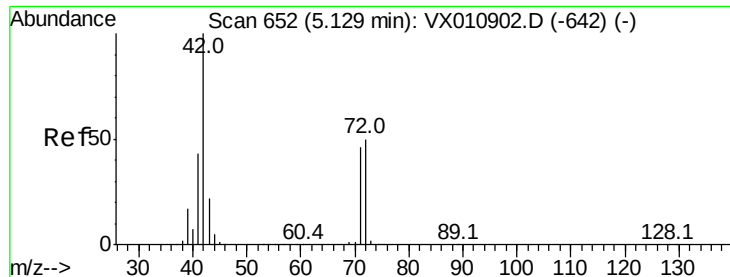


#28

Bromochloromethane
Concen: 19.335 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.2
130	92.5	76.9	115.3





#29

Tetrahydrofuran

Concen: 96.993 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

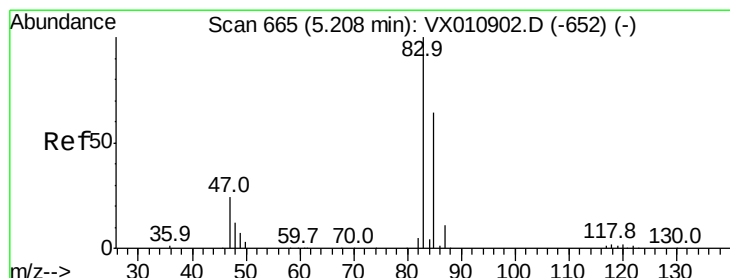
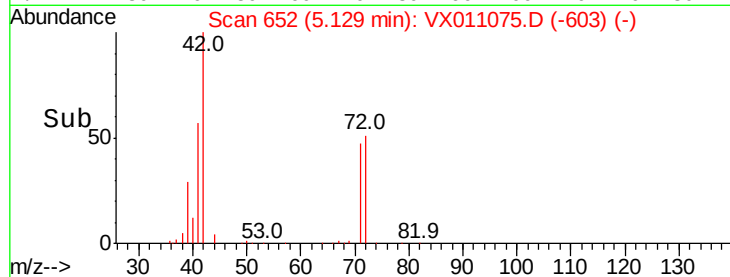
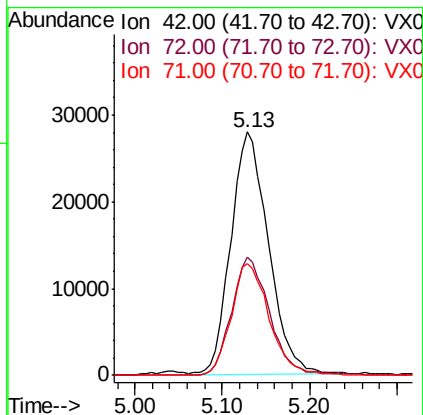
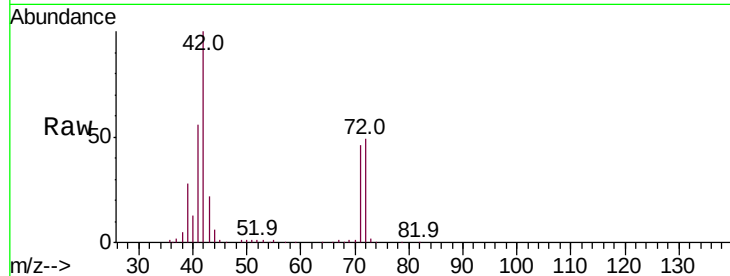
ClientSampleId :

VX0725WBSD02

Tot Ion:	42	Resp:	83066
Ion Ratio	Lower	Upper	
42	100		
72	49.6	39.8	59.8
71	46.8	37.0	55.4

Manual Integrations
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7/26/2019 9:49:31 AM



#30

Chloroform

Concen: 19.448 ug/l

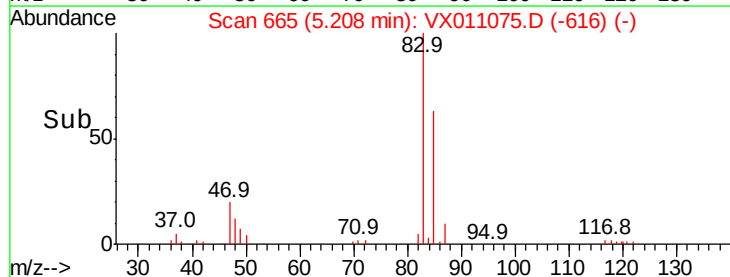
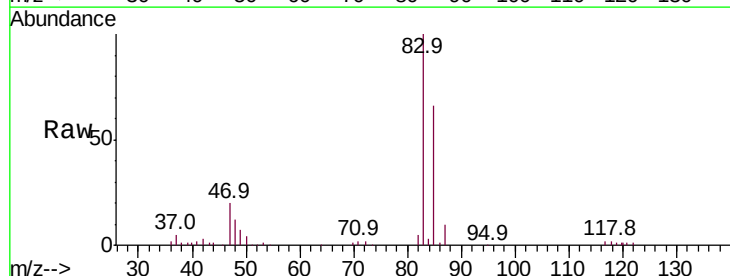
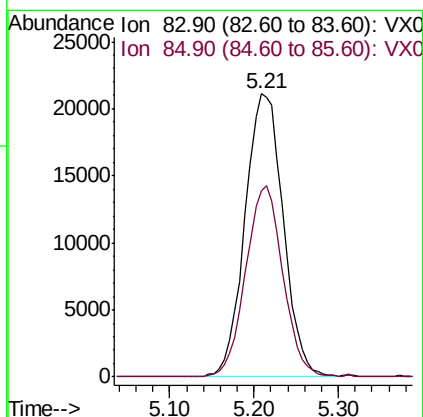
RT: 5.21 min Scan# 665

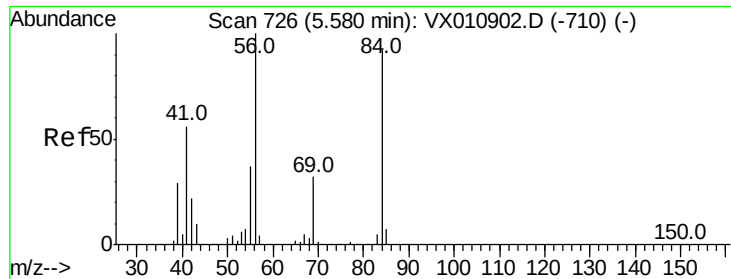
Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion:	83	Resp:	65300
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.4	77.0





#31

Cyclohexane

Concen: 18.328 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 56 Resp: 51894

Ion Ratio Lower Upper

56 100

69 33.4 25.8 38.8

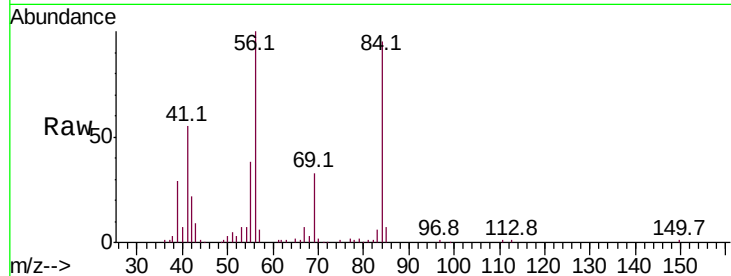
84 93.0 73.8 110.6

Manual Integrations

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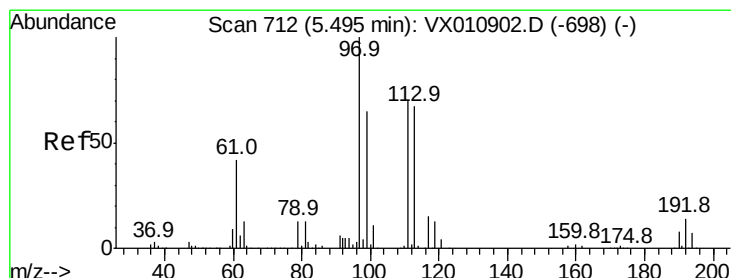
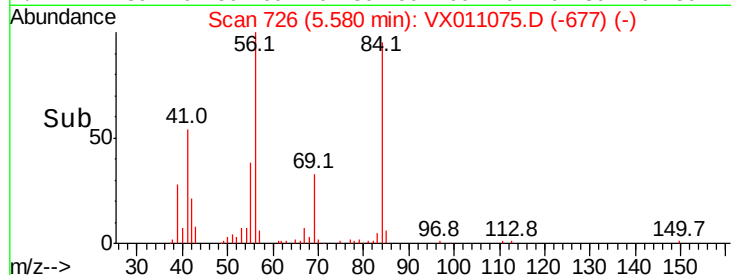
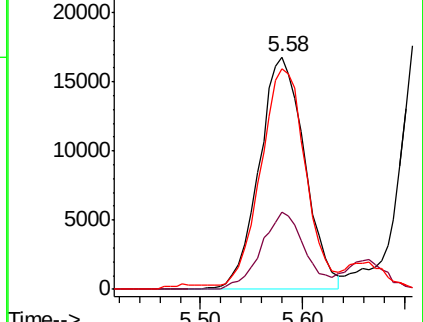
7/26/2019 9:49:31 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.349 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

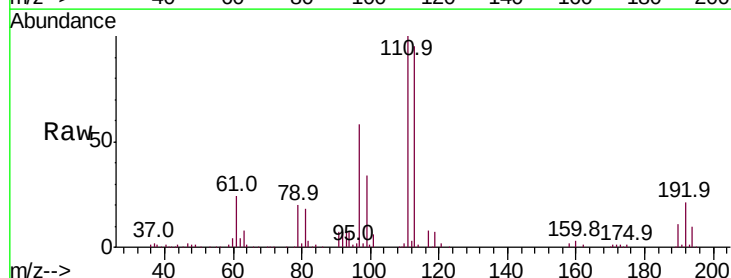
Tgt Ion: 97 Resp: 56208

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

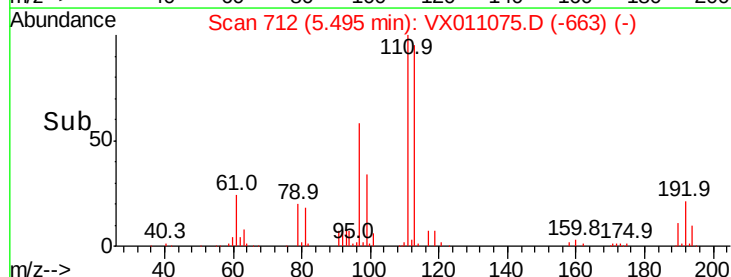
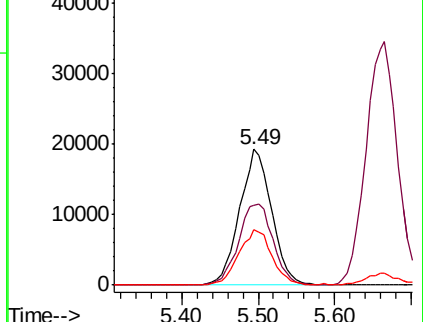
61 42.0 33.0 49.6

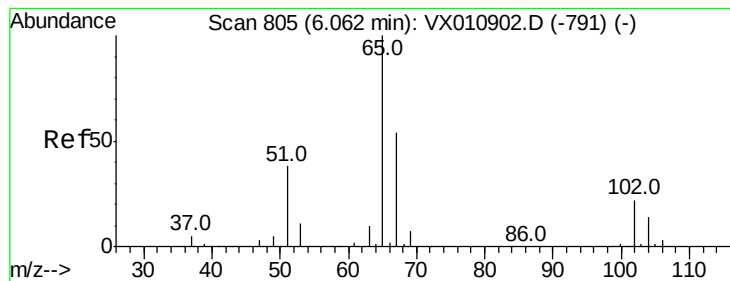


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.496 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 65 Resp: 105302

Ion Ratio Lower Upper

65 100

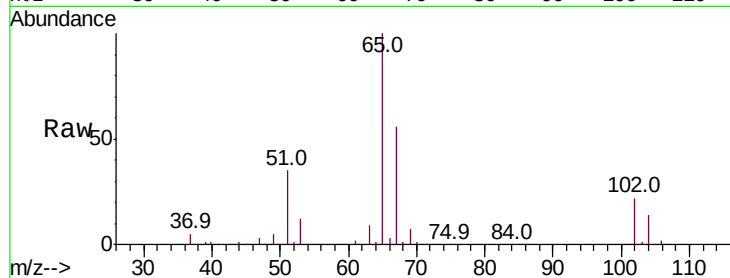
67 53.7 0.0 107.8

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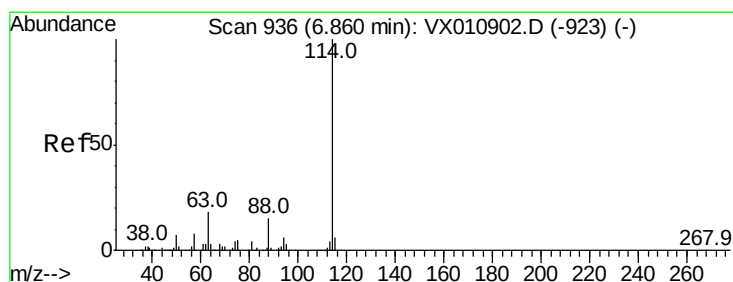
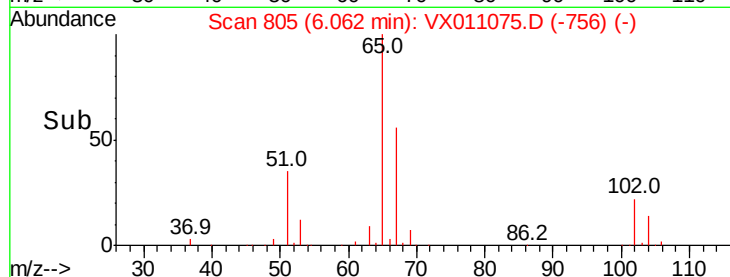
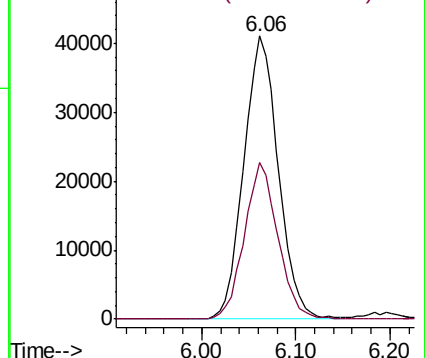
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

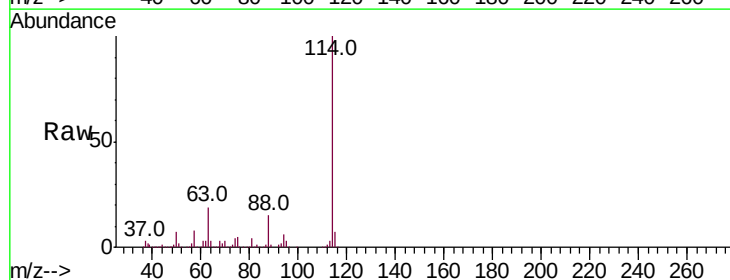
Tgt Ion:114 Resp: 292528

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

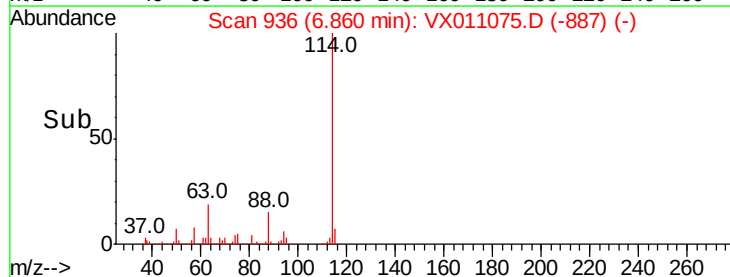
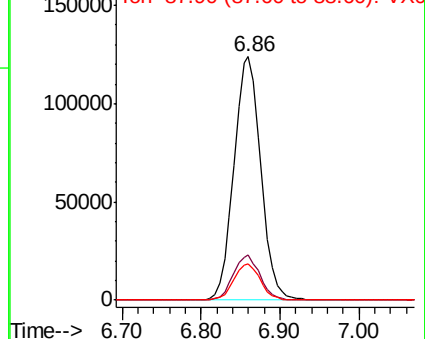
88 14.9 0.0 29.8

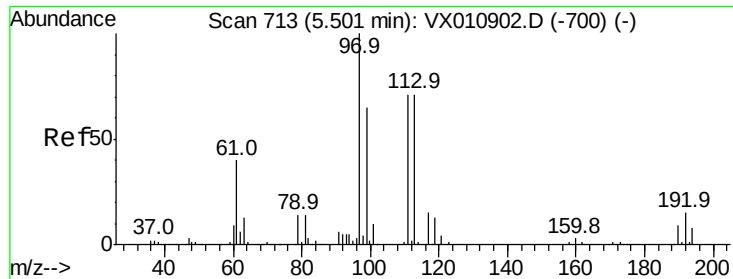


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.205 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

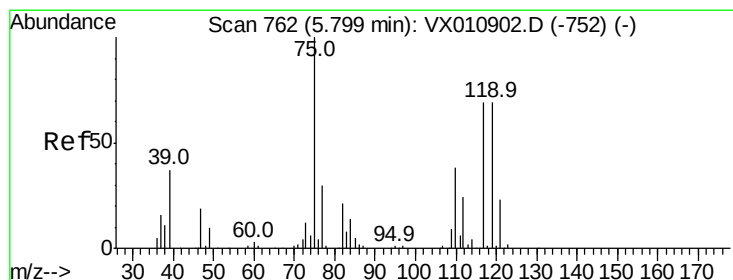
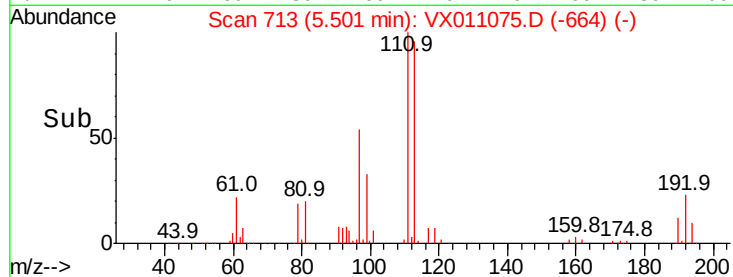
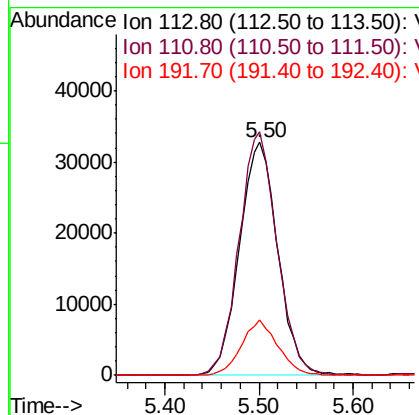
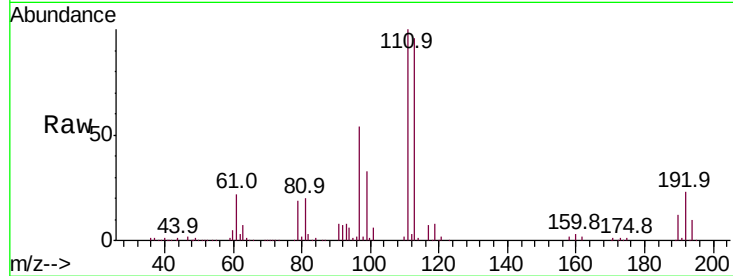
ClientSampleId :

VX0725WBSD02

Tot Ion:	113	Resp:	93218
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	22.4	17.4	26.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.341 ug/l

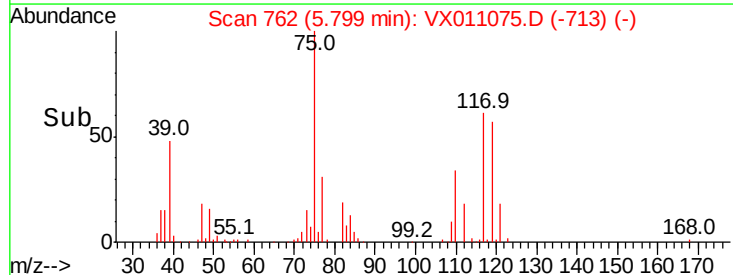
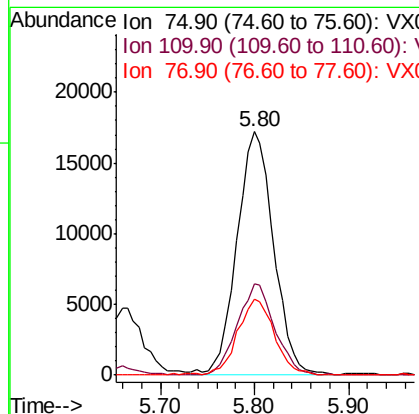
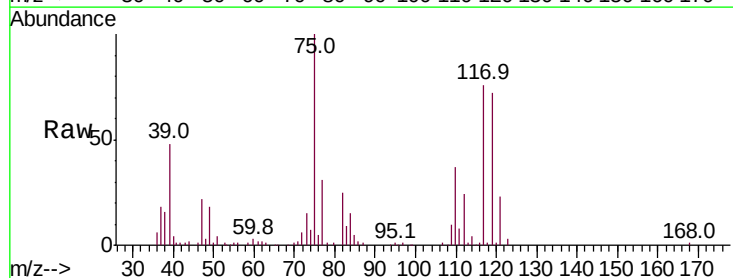
RT: 5.80 min Scan# 762

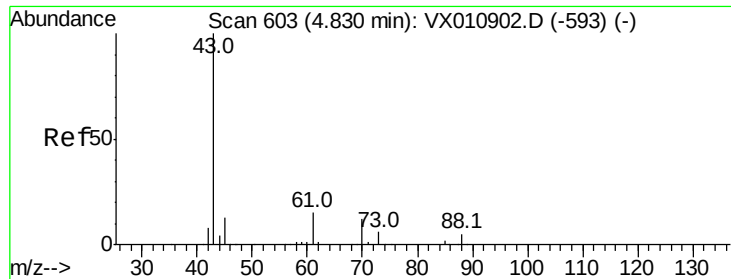
Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion:	75	Resp:	46474
Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.9	59.7
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 19.654 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

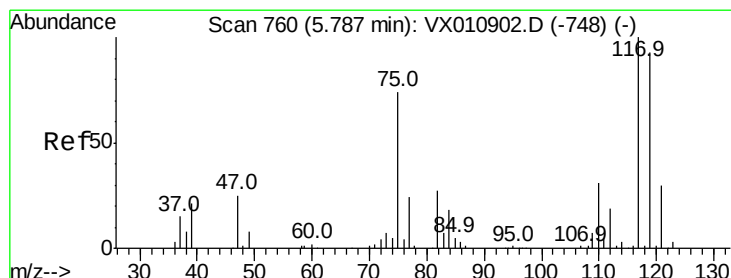
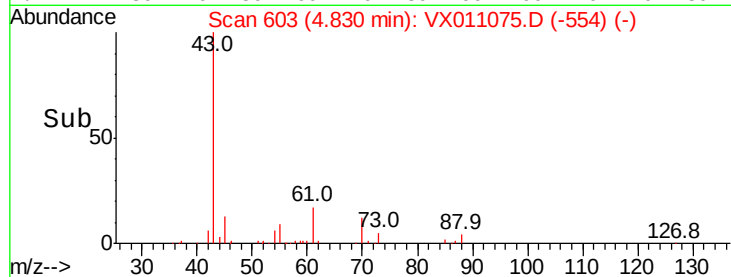
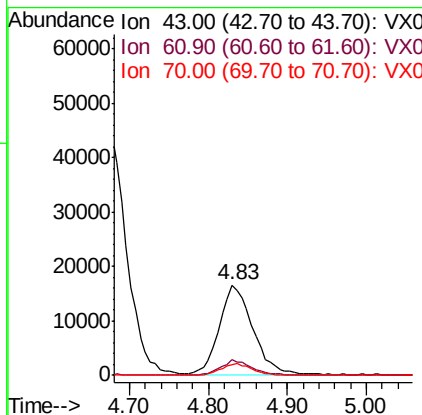
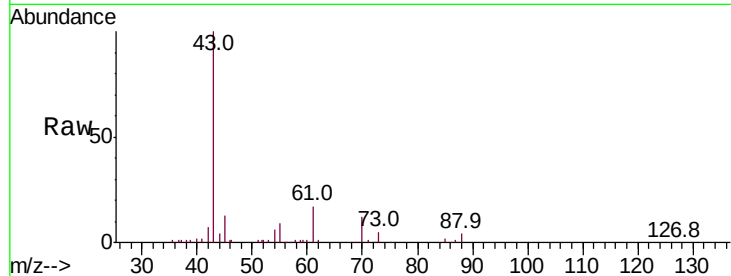
ClientSampleId :

VX0725WBSD02

Tot Ion:	43	Resp:	48357
Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.6	17.4
70	12.6	9.1	13.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 18.991 ug/l

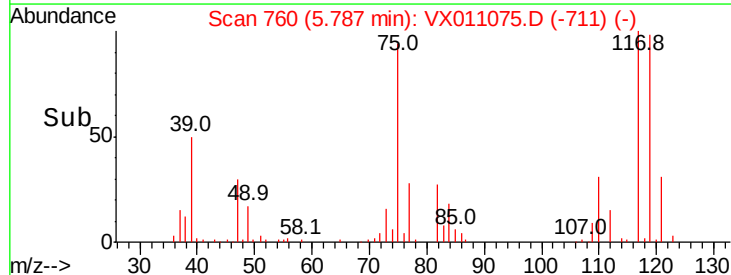
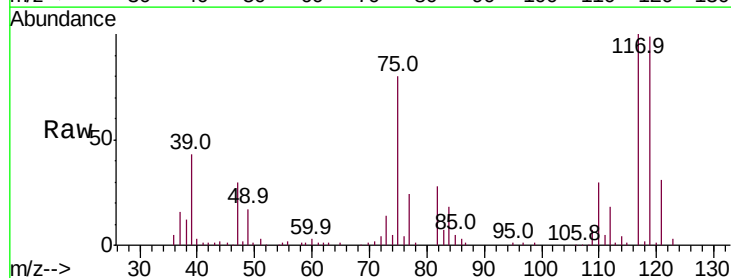
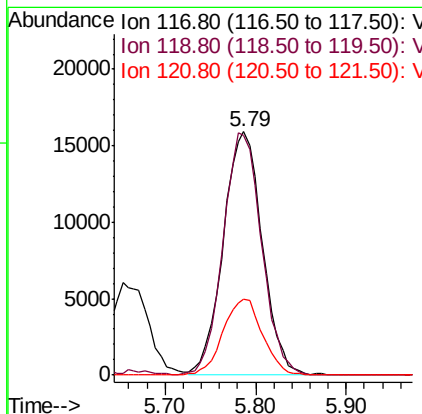
RT: 5.79 min Scan# 760

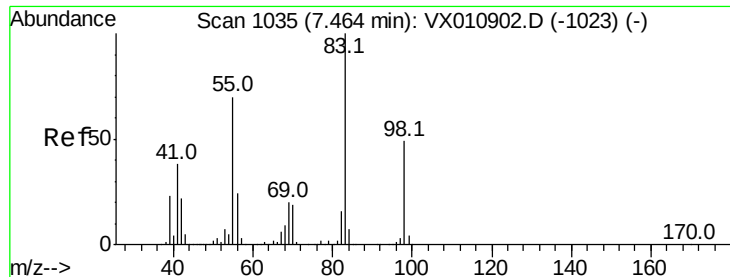
Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion:	117	Resp:	47552
Ion	Ratio	Lower	Upper
117	100		
119	98.6	74.2	111.2
121	31.3	24.2	36.2





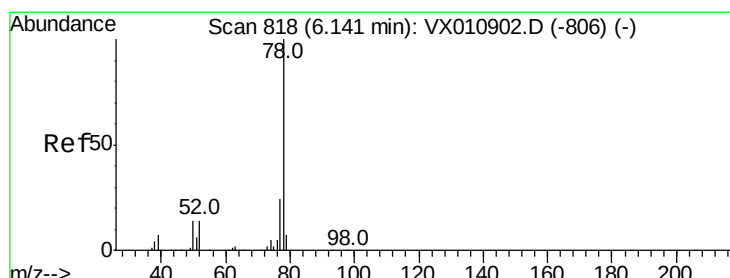
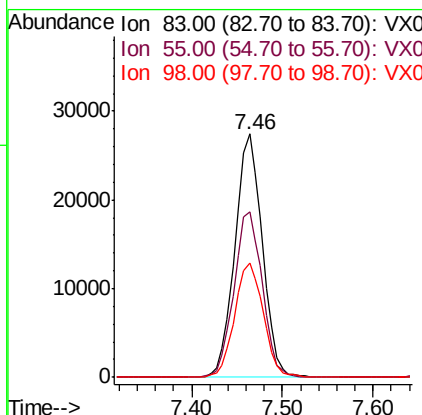
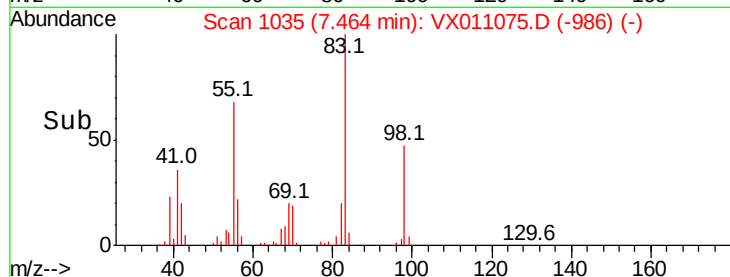
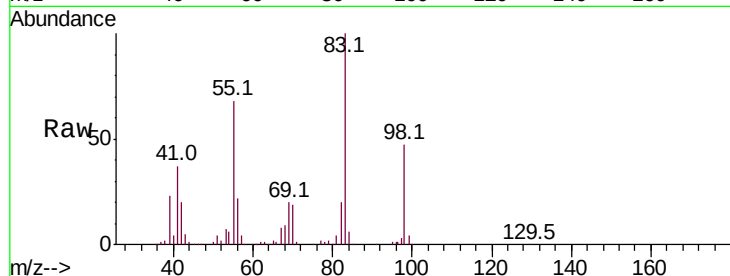
#39
Methylvlcyclohexane
Concen: 18.449 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion	83	Resp	57487
Ion	Ratio	Lower	Upper
83	100		
55	68.3	56.2	84.4
98	47.0	39.0	58.4

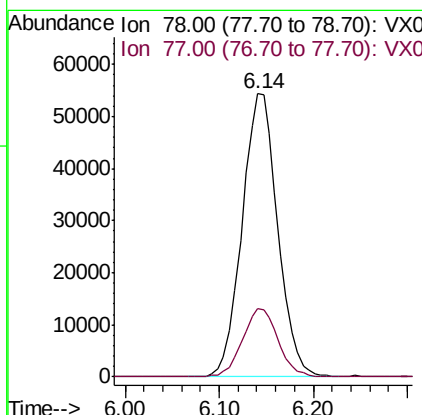
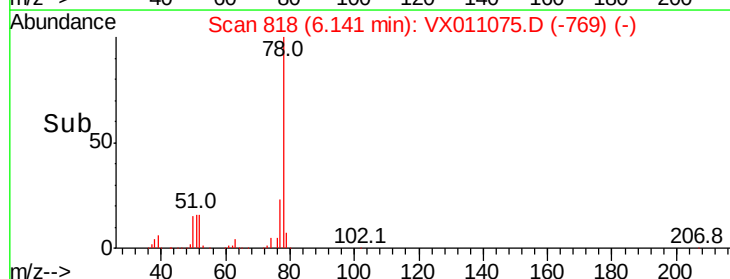
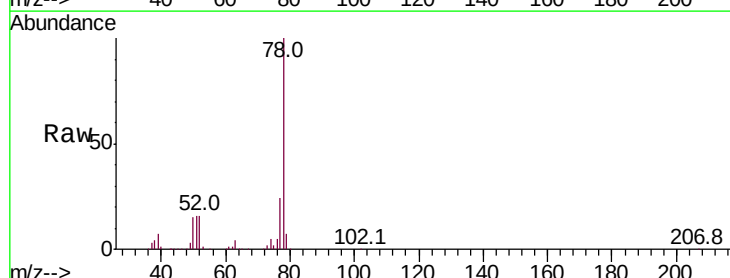
Manual Integrations
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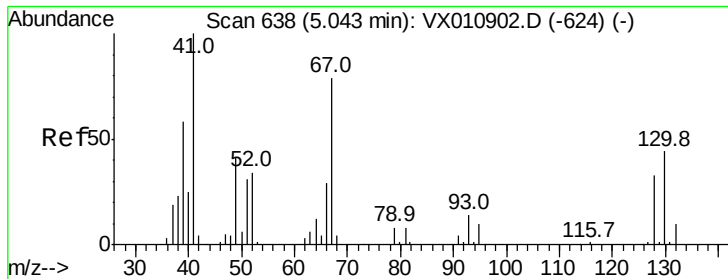
MMDadoda
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#40
Benzene
Concen: 19.518 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	78	Resp	143661
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41

Methacrylonitrile

Concen: 17.940 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

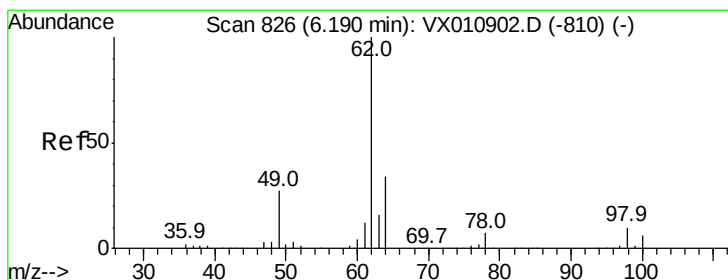
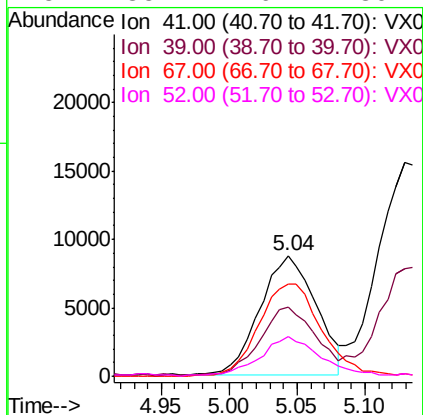
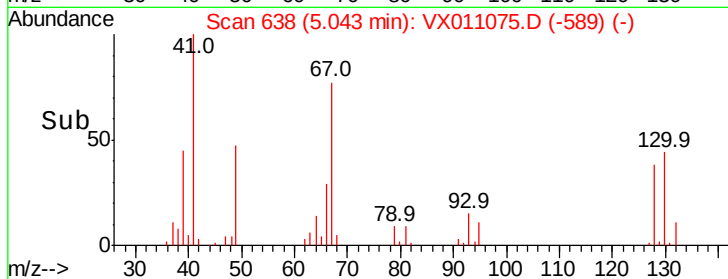
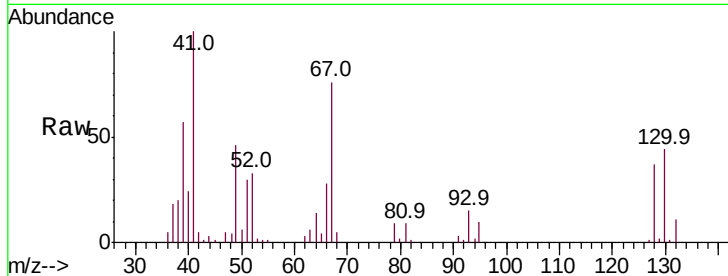
ClientSampleId :

VX0725WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	45.4	68.2	
67	86.9	65.9	98.9	
52	35.7	26.2	39.2	

Manual Integrations
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7/26/2019 9:49:31 AM



#42

1,2-Dichloroethane

Concen: 19.989 ug/l

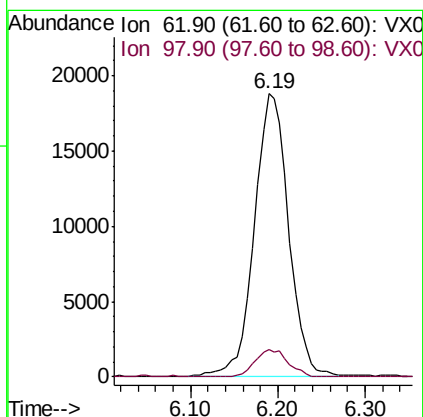
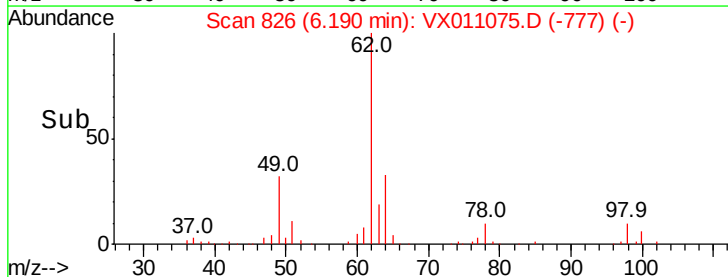
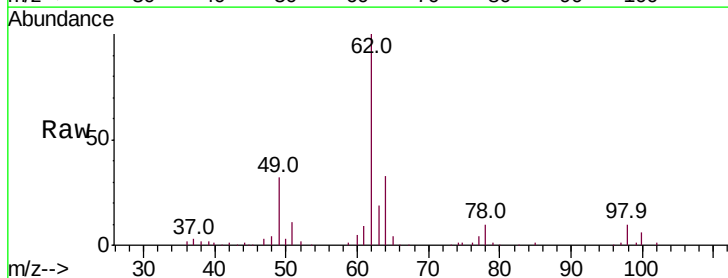
RT: 6.19 min Scan# 826

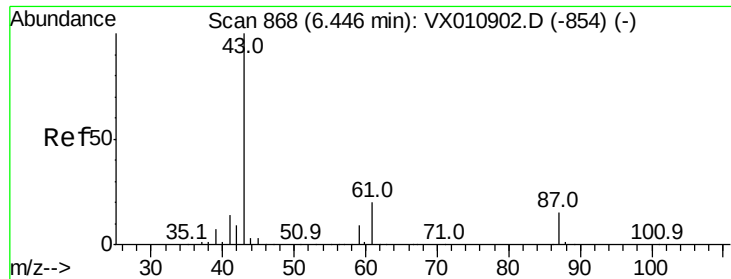
Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.0	





#43

Isopropyl Acetate

Concen: 19.178 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

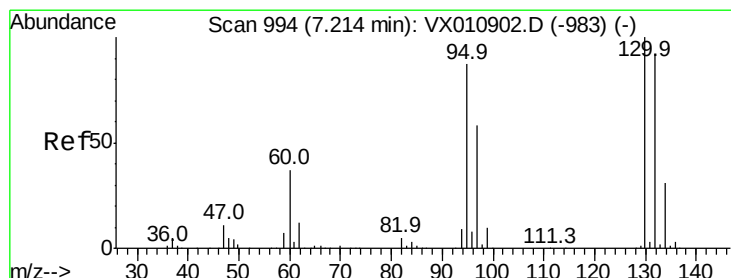
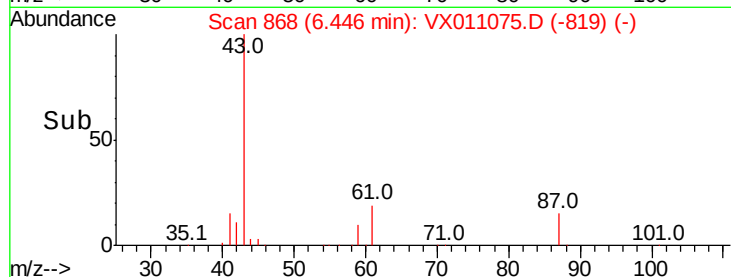
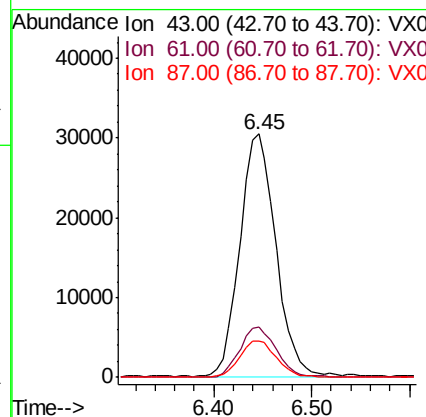
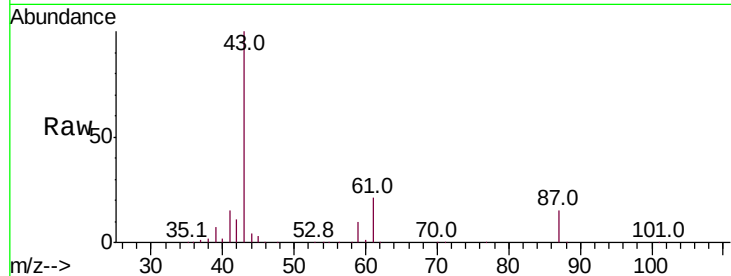
ClientSampleId :

VX0725WBSD02

Tot Ion:	43	Resp:	77587
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.1	25.7
87	15.5	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 19.344 ug/l

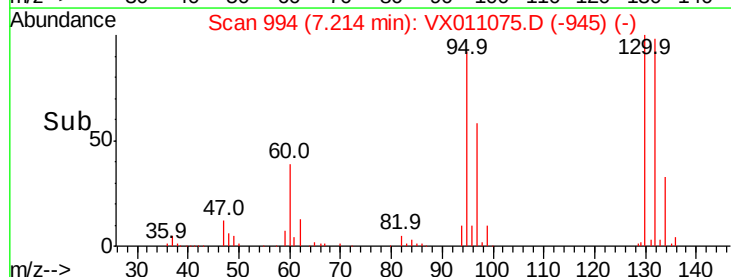
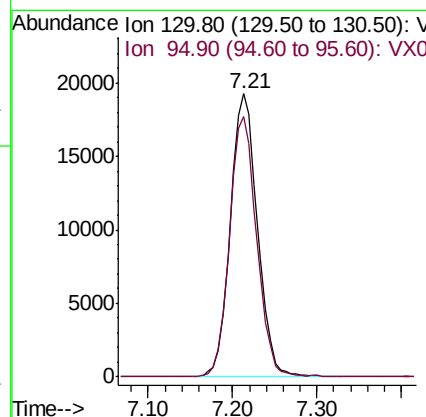
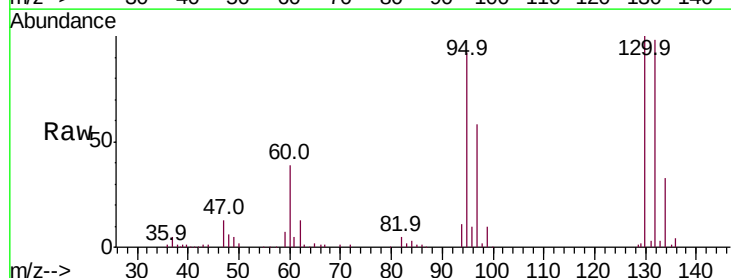
RT: 7.21 min Scan# 994

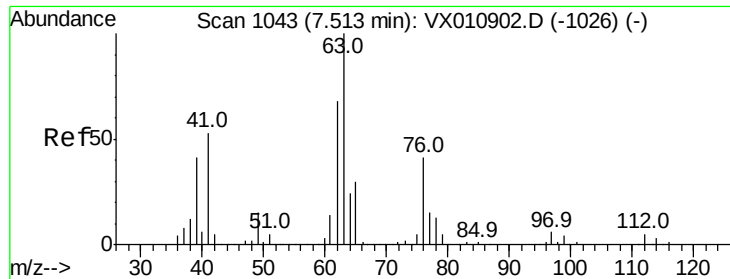
Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion:	130	Resp:	42146
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	174.8





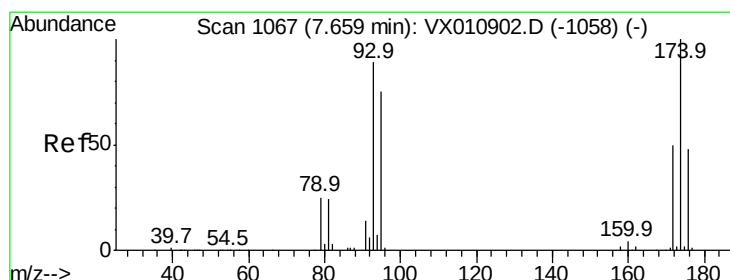
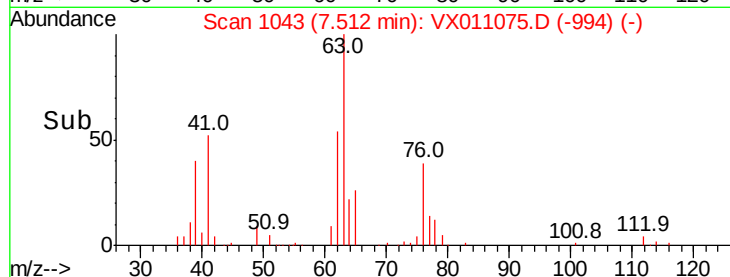
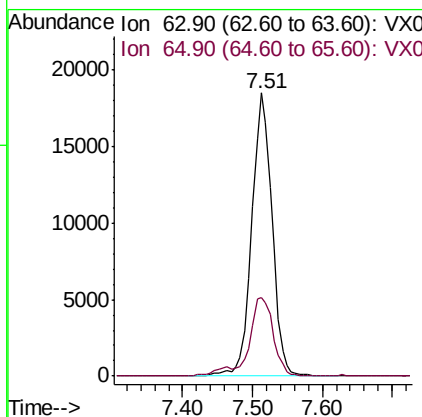
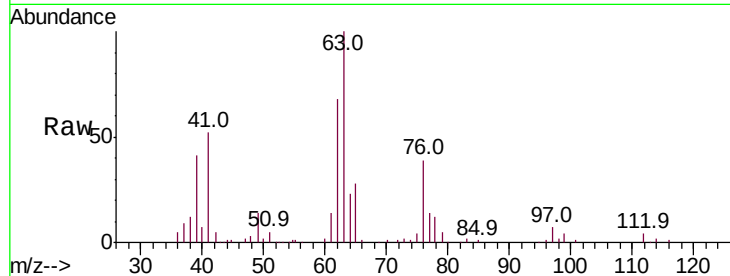
#45
 1,2-Dichloropropane
 Concen: 19.986 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Tot Ion: 63 Resp: 37442
 Ion Ratio Lower Upper
 63 100
 65 27.9 24.4 36.6

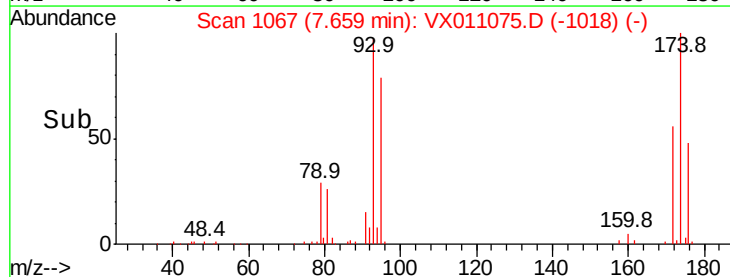
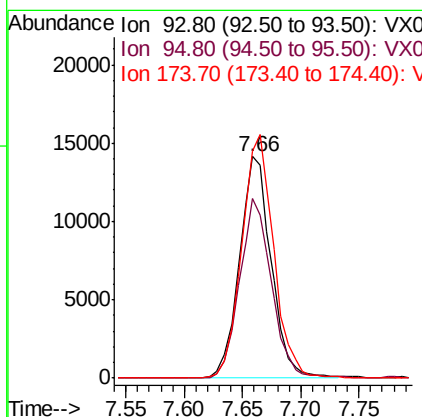
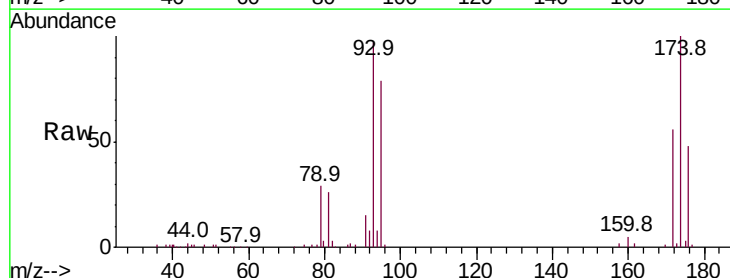
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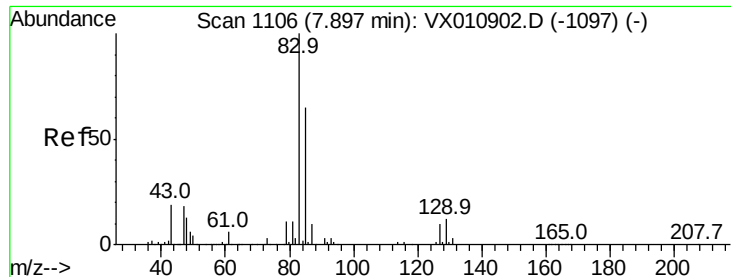
MMDadoda
 7/26/2019 9:49:31 AM



#46
 Dibromomethane
 Concen: 20.038 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion: 93 Resp: 26824
 Ion Ratio Lower Upper
 93 100
 95 81.1 67.2 100.8
 174 110.3 90.6 135.8





#47

Bromodichloromethane

Concen: 19.376 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

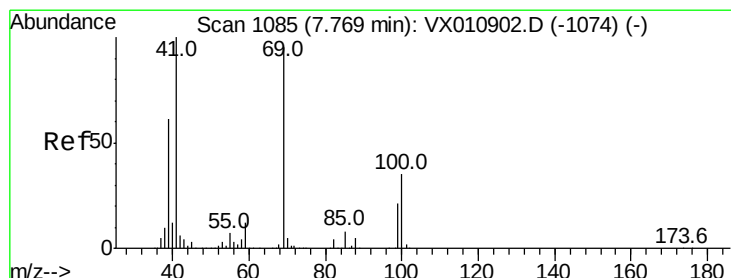
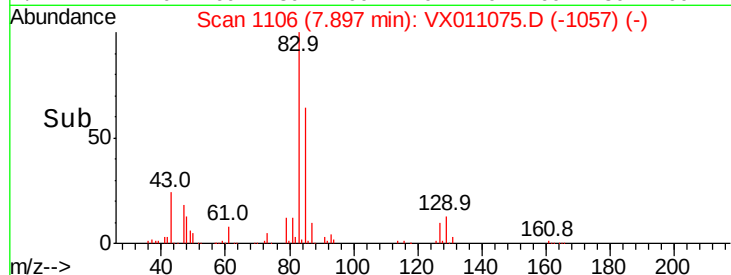
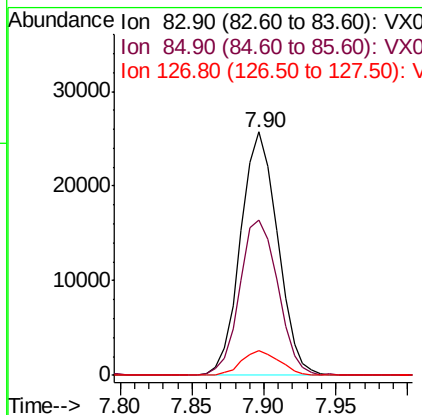
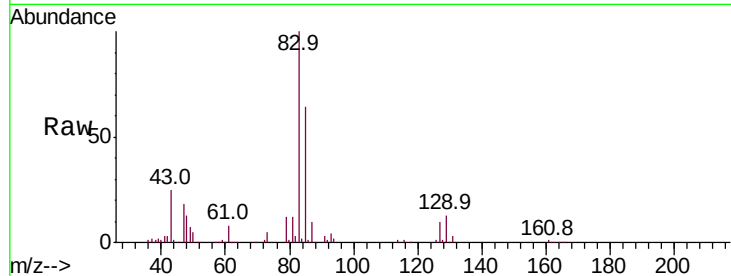
ClientSampleId :

VX0725WBSD02

Tot Ion:	83	Resp:	46171
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.5	78.7
127	10.0	7.8	11.8

Manual Integrations
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MMDadoda
7/26/2019 9:49:31 AM



#48

Methyl methacrylate

Concen: 19.081 ug/l

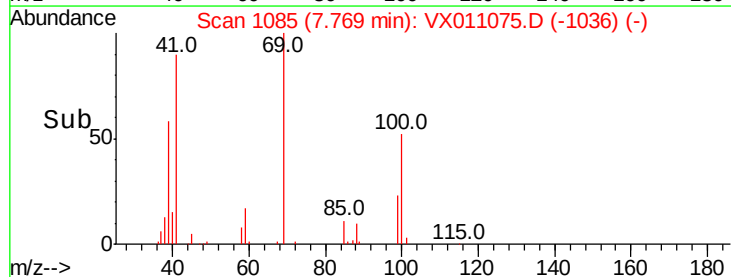
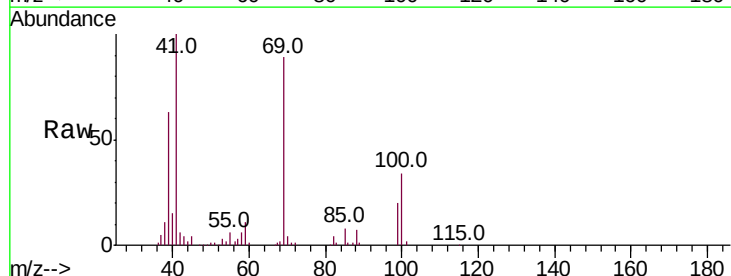
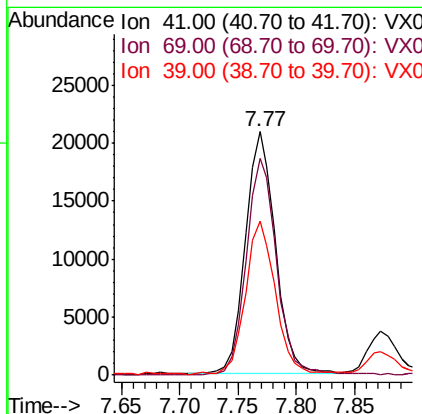
RT: 7.77 min Scan# 1085

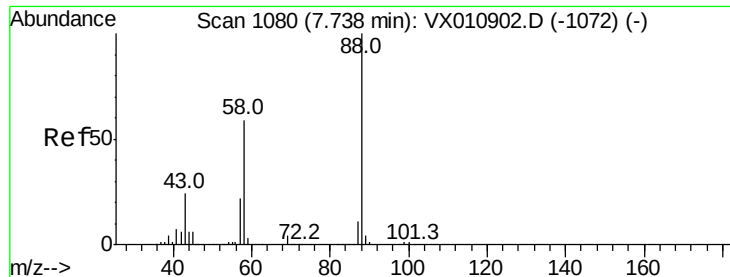
Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion:	41	Resp:	37607
Ion	Ratio	Lower	Upper
41	100		
69	91.2	74.4	111.6
39	63.0	48.9	73.3





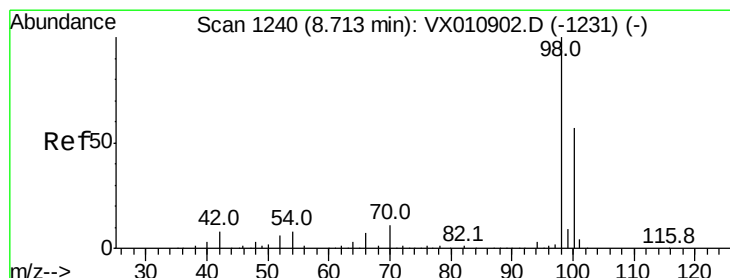
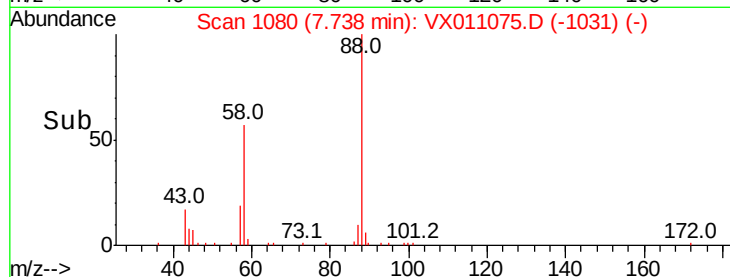
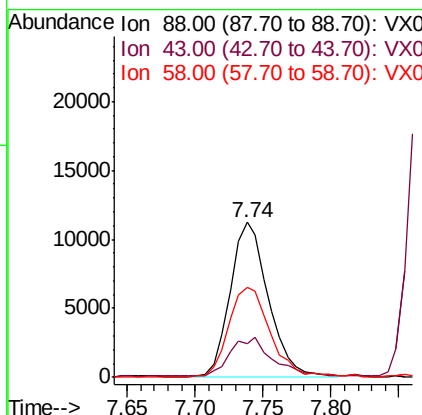
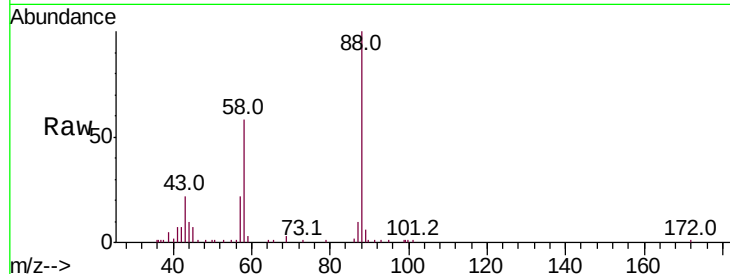
#49
1,4-Dioxane
Concen: 399.438 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.0	22.9	34.3
58	63.8	49.8	74.8

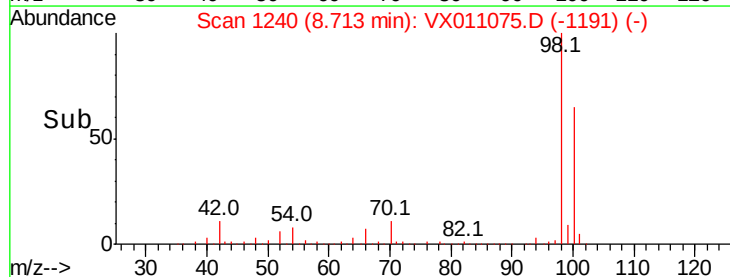
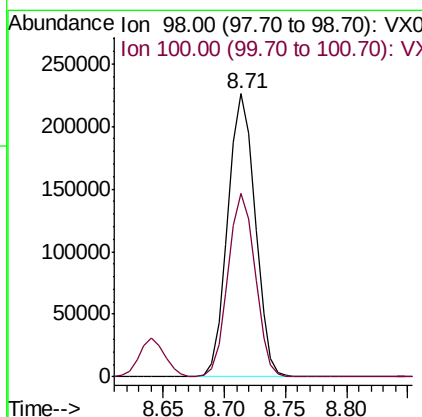
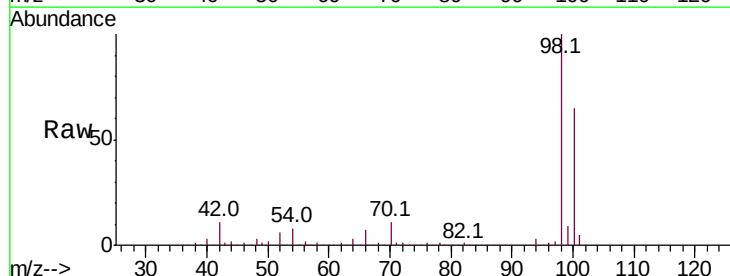
Manual Integrations
APPROVED

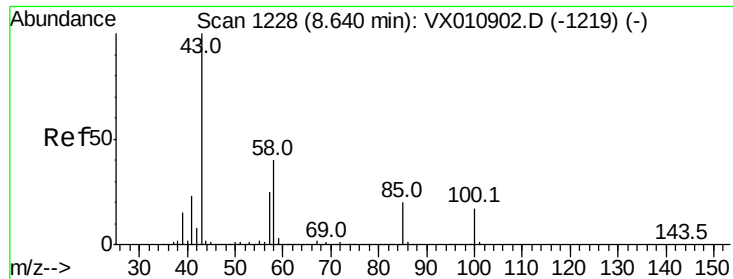
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7/26/2019 9:49:31 AM



#50
Toluene-d8
Concen: 50.318 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.6	75.8





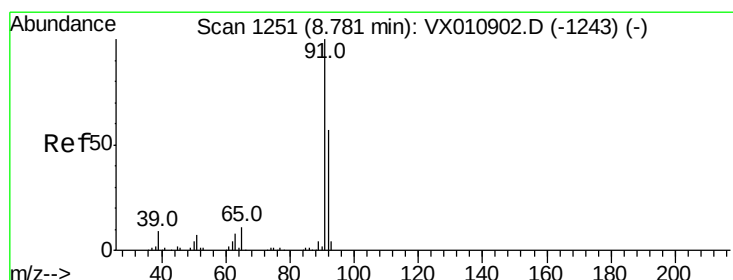
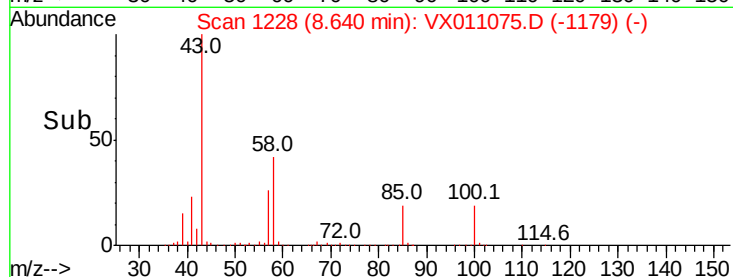
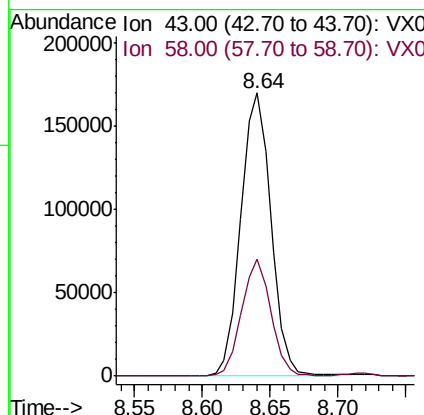
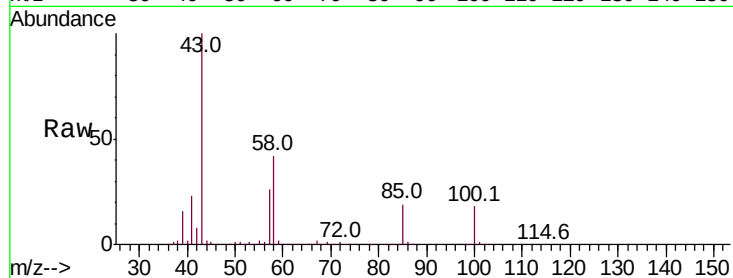
#51
4-Methyl-2-Pentanone
Concen: 100.849 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.2	48.4

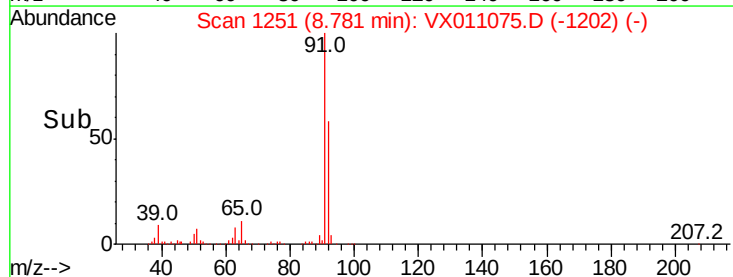
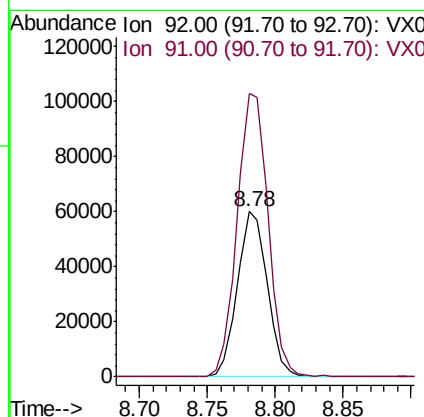
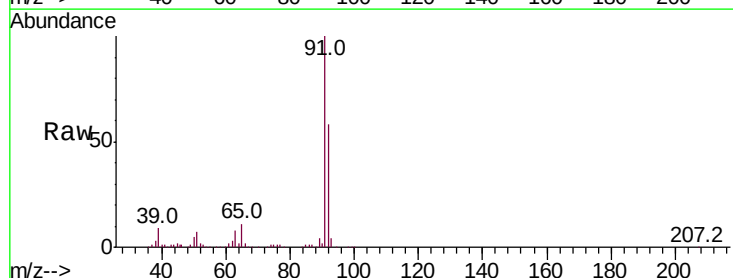
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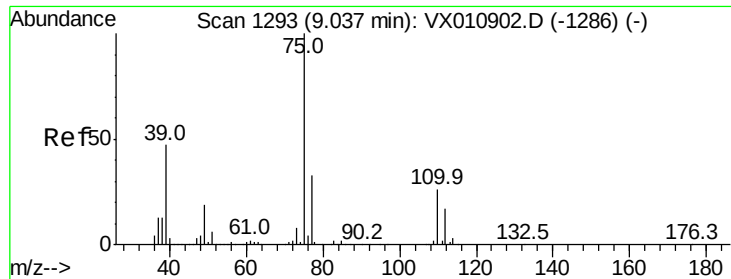
MMDadoda
7/26/2019 9:49:31 AM



#52
Toluene
Concen: 19.131 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.0	139.4	209.0





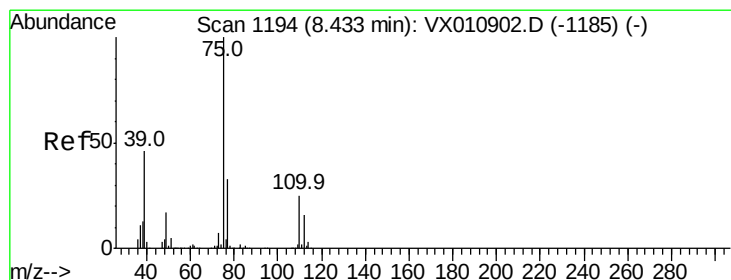
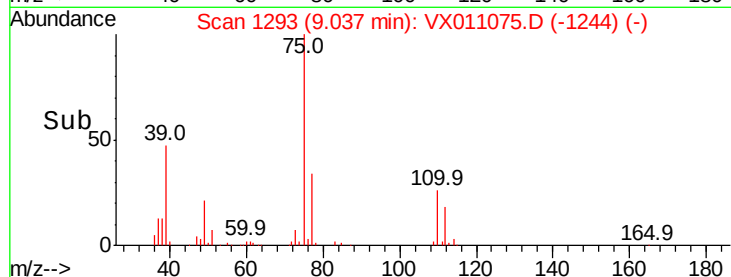
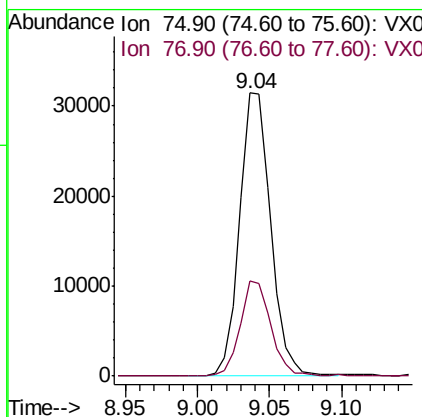
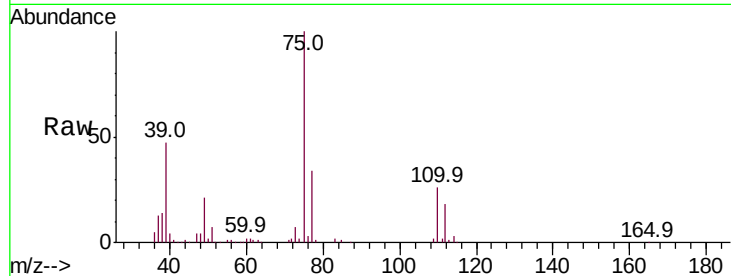
#53
 t-1,3-Dichloropropene
 Concen: 18.419 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.2	39.2

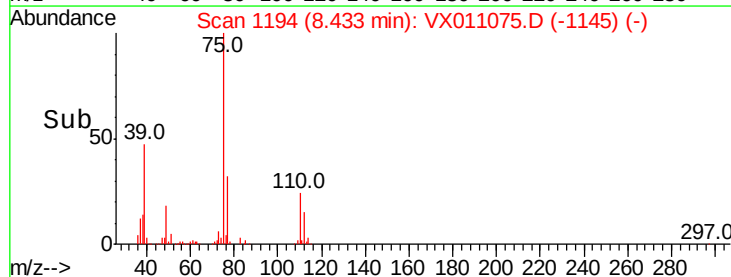
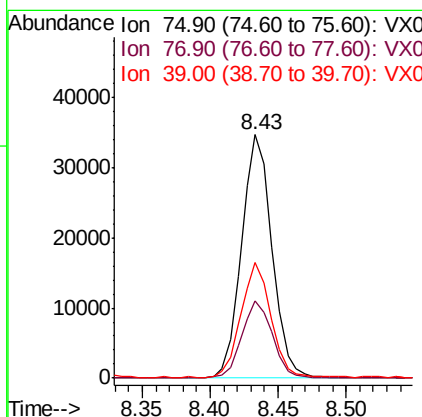
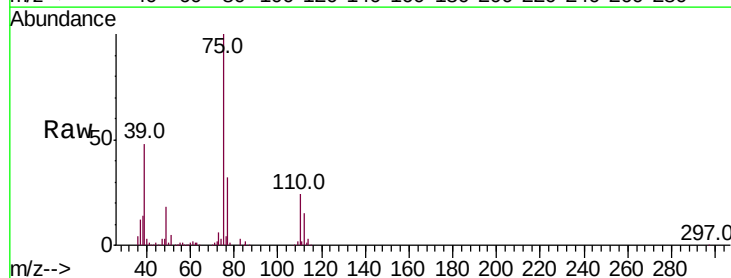
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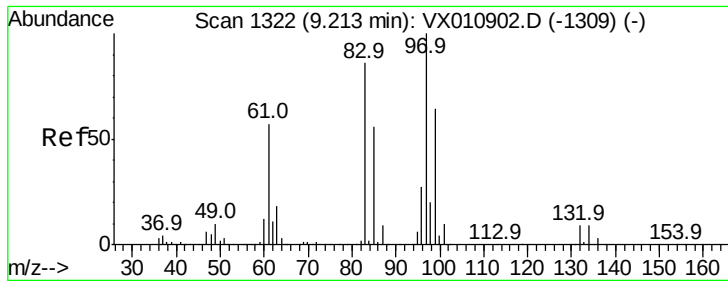
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 7/26/2019 9:49:31 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.050 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.1	39.1
39	47.0	36.6	54.8





#55

1,1,2-Trichloroethane

Concen: 19.632 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 97 Resp: 39085

Ion Ratio Lower Upper

97 100

83 88.1 69.2 103.8

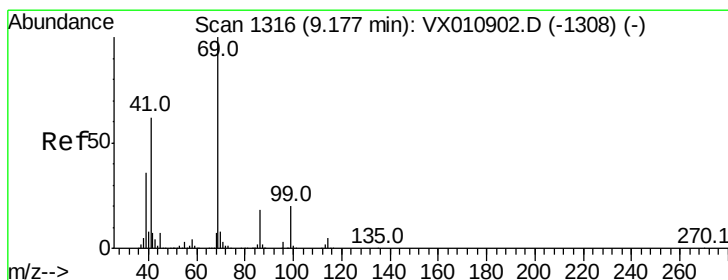
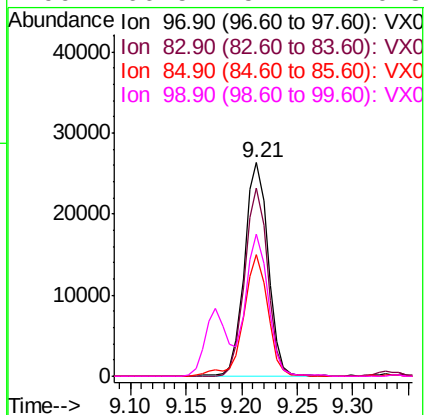
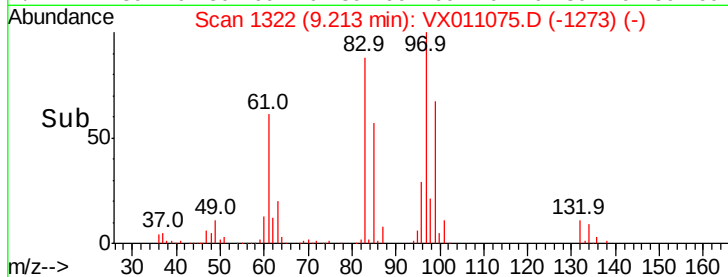
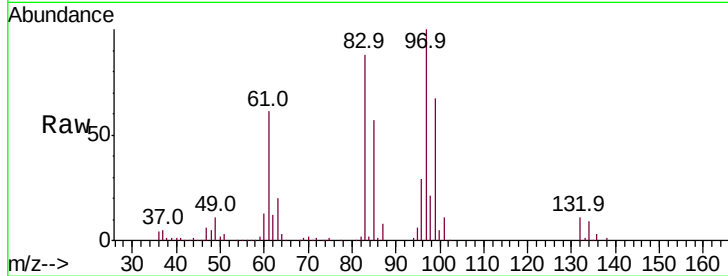
85 57.2 44.6 66.8

99 66.5 51.2 76.8

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#56

Ethyl methacrylate

Concen: 19.960 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

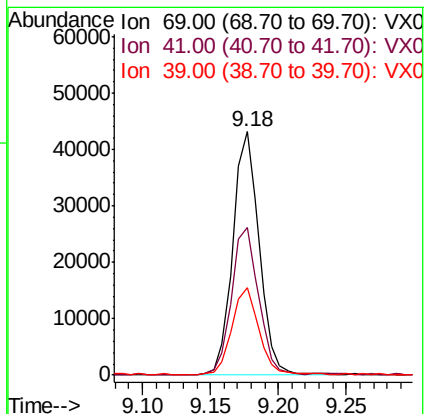
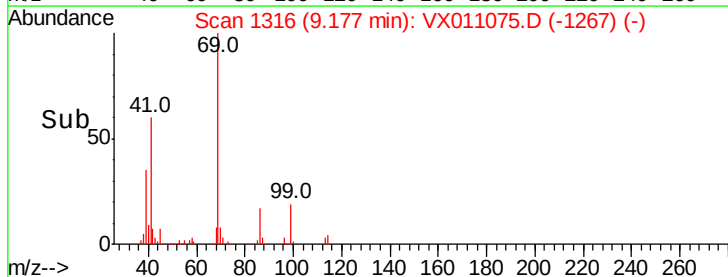
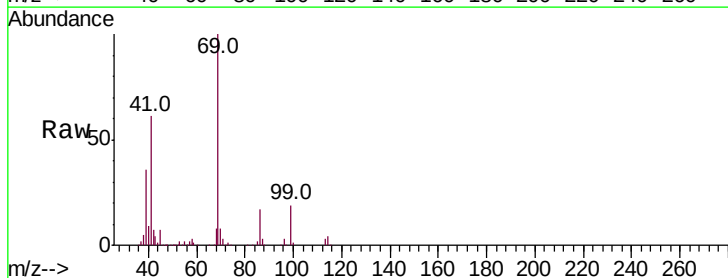
Tgt Ion: 69 Resp: 58128

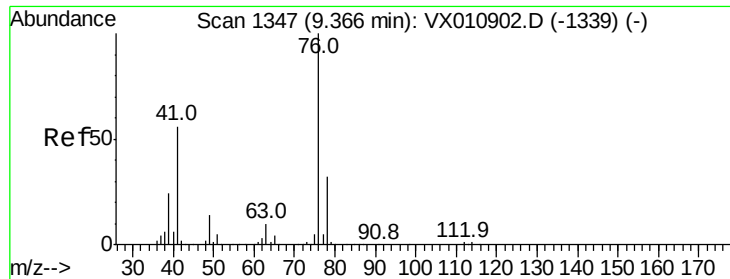
Ion Ratio Lower Upper

69 100

41 61.4 49.7 74.5

39 36.6 29.6 44.4





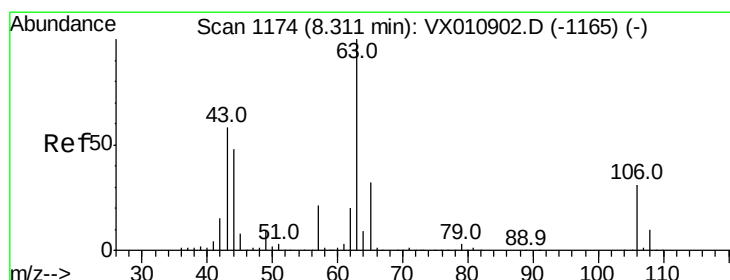
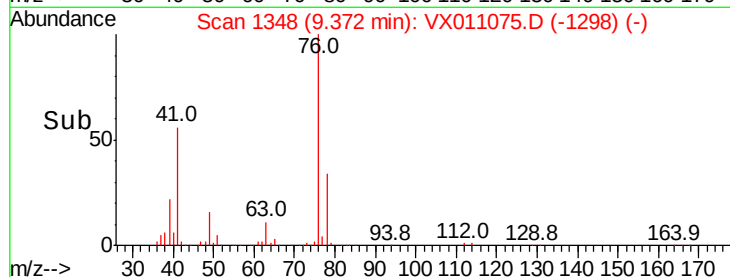
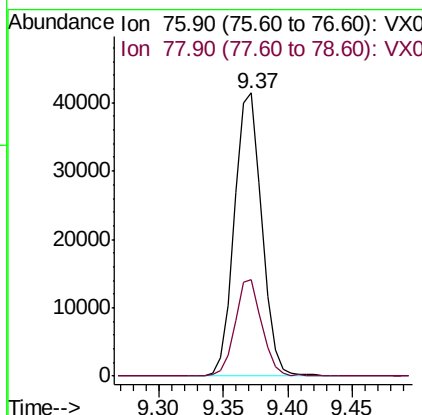
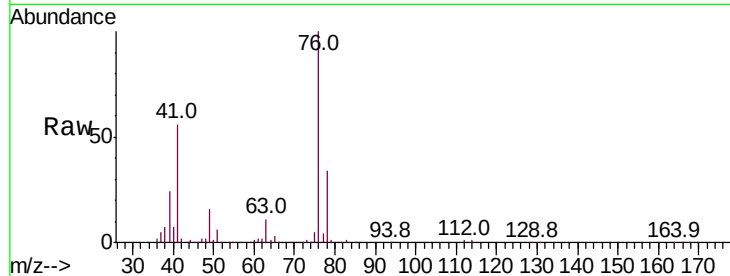
#57
 1,3-Dichloropropane
 Concen: 19.415 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Tot Ion: 76 Resp: 61318
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.6 38.4

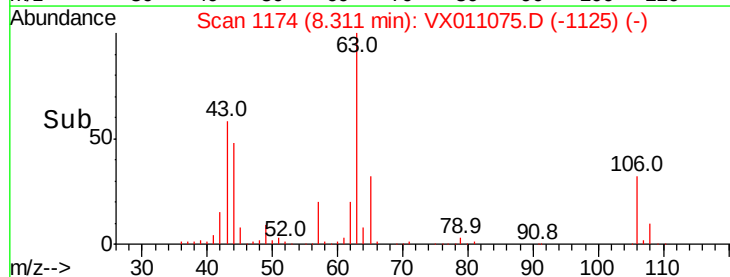
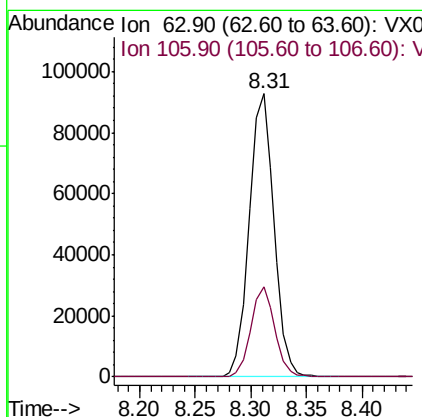
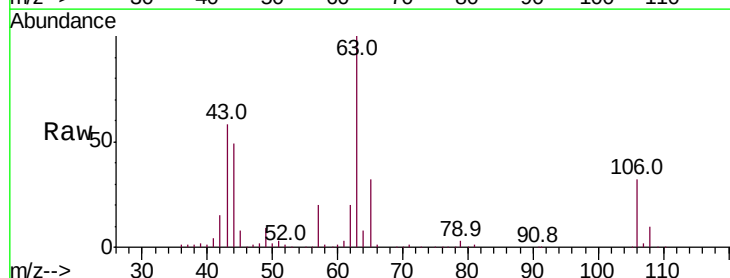
Manual Integrations
 APPROVED

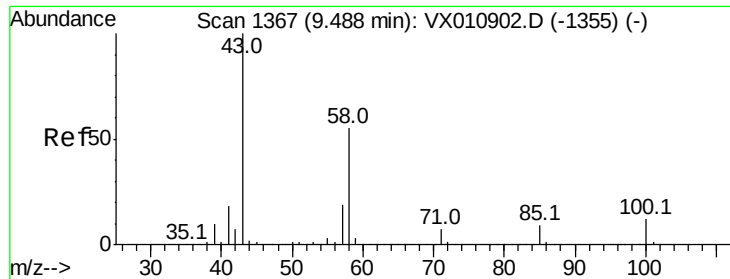
MMDadoda
 7/26/2019 9:49:31 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.445 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion: 63 Resp: 143808
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.0 36.0





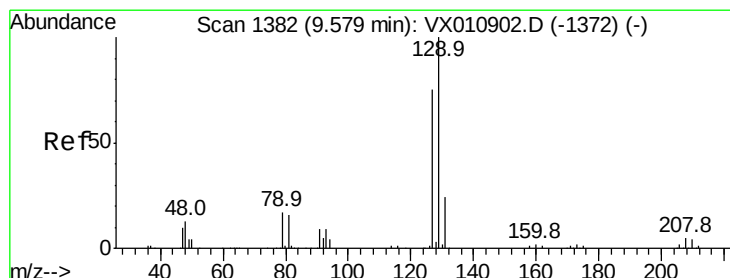
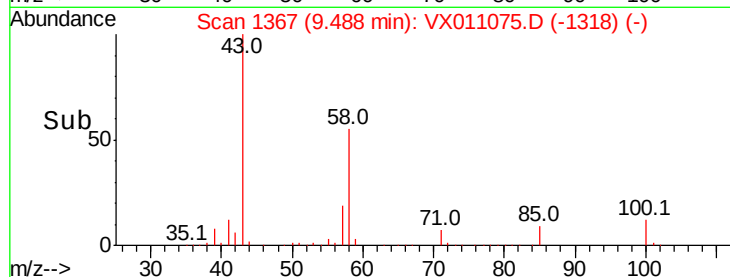
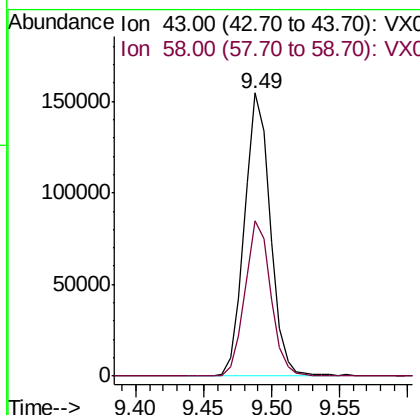
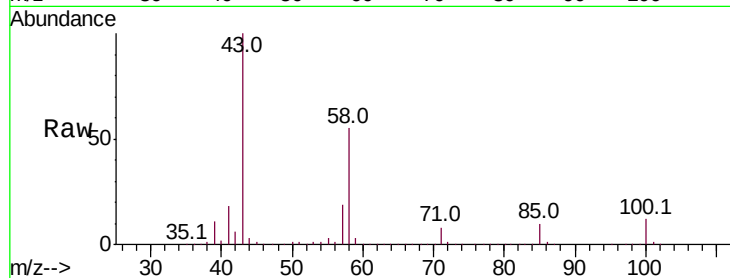
#59
2-Hexanone
Concen: 100.930 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion: 43 Resp: 205304
Ion Ratio Lower Upper
43 100
58 55.3 28.0 83.9

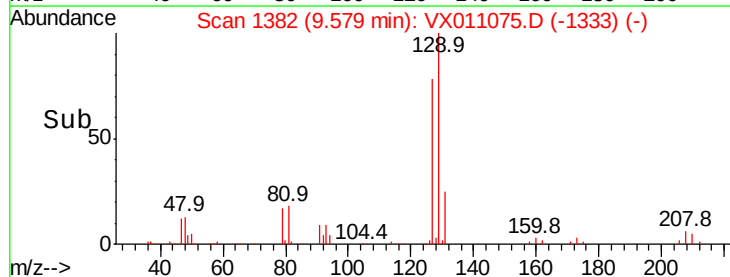
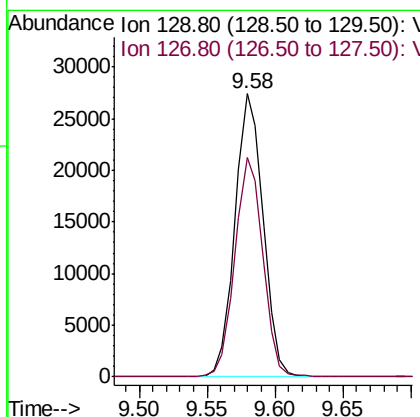
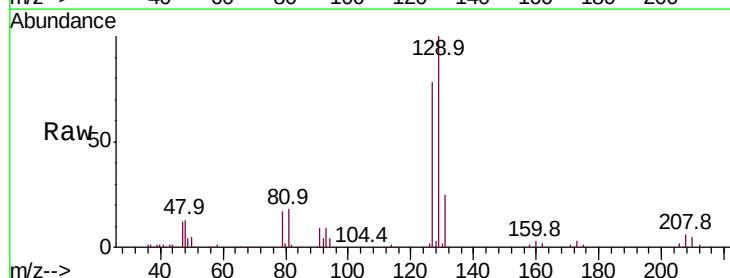
Manual Integrations
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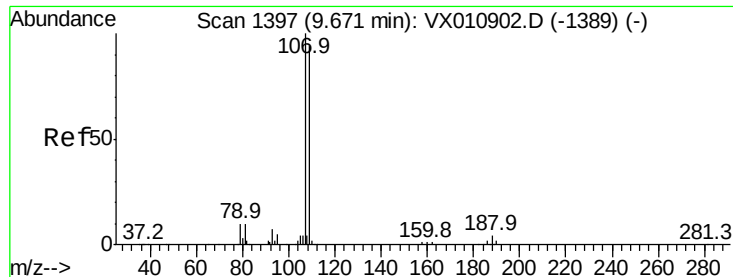
MMDadoda
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#60
Dibromochloromethane
Concen: 18.910 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion:129 Resp: 39535
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





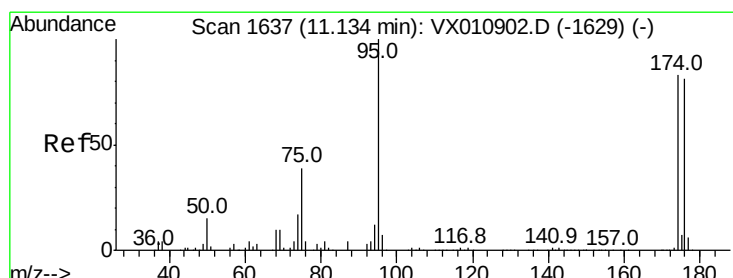
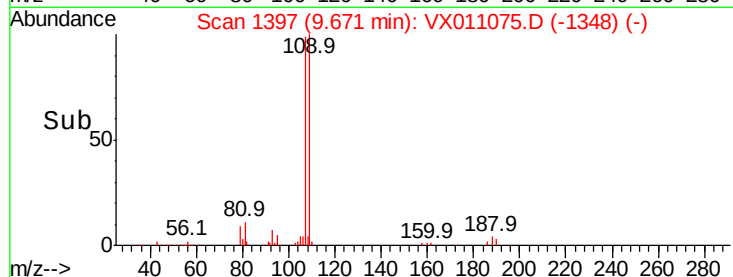
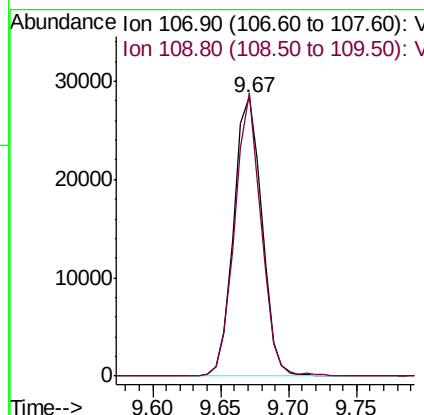
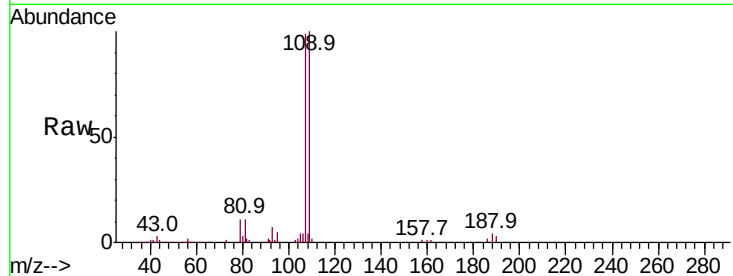
#61
 1,2-Dibromoethane
 Concen: 19.456 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.4	113.0

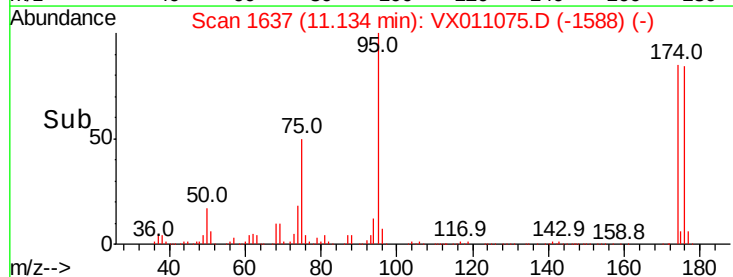
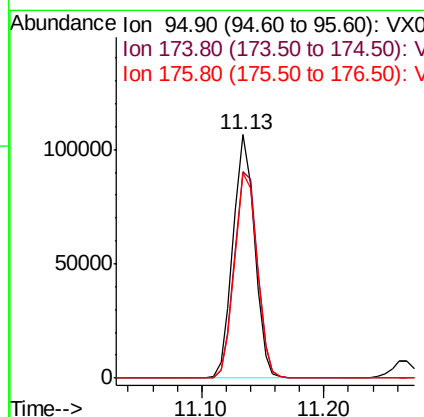
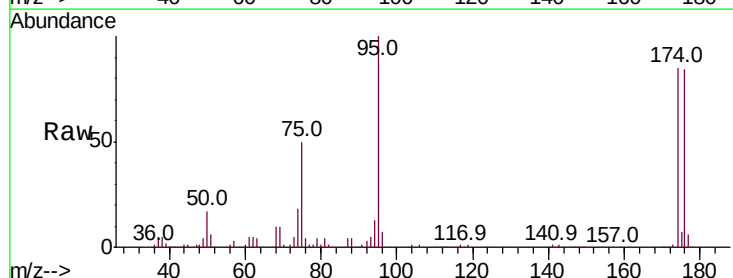
Manual Integrations
 APPROVED

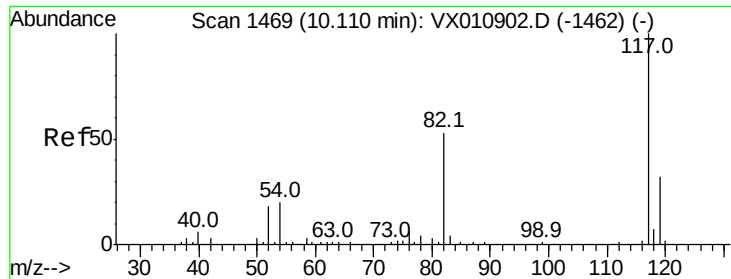
MMDadoda
 7/26/2019 9:49:31 AM



#62
 4-Bromofluorobenzene
 Concen: 50.669 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	180.6
176	88.0	0.0	173.8





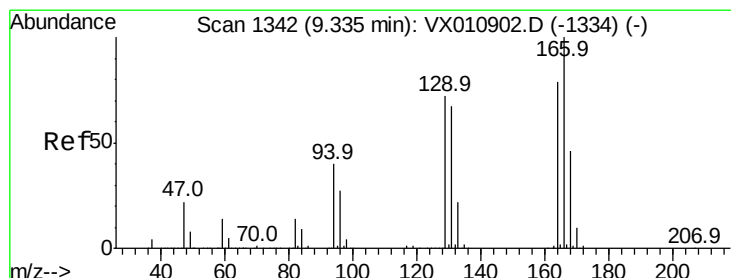
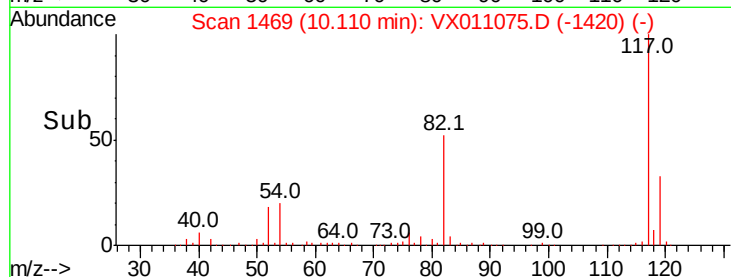
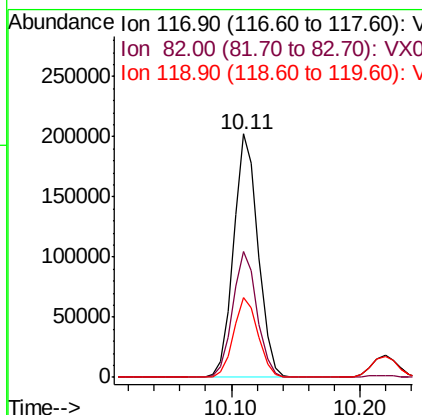
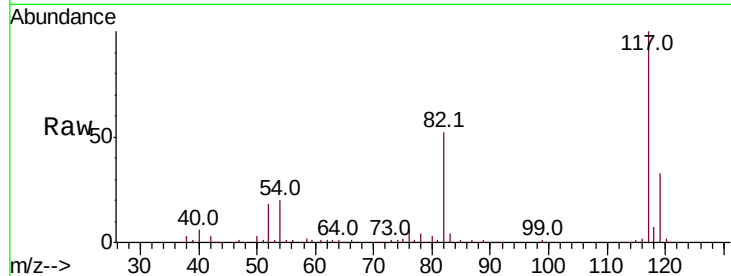
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	63.8
119	32.6	25.9	38.9

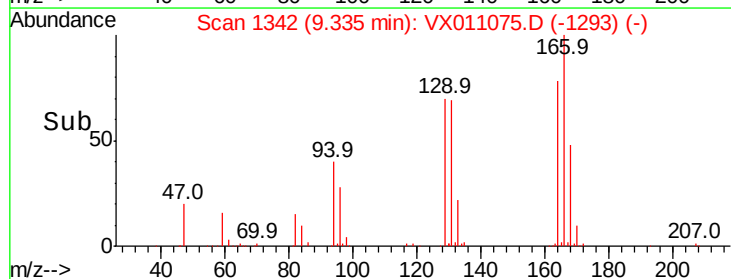
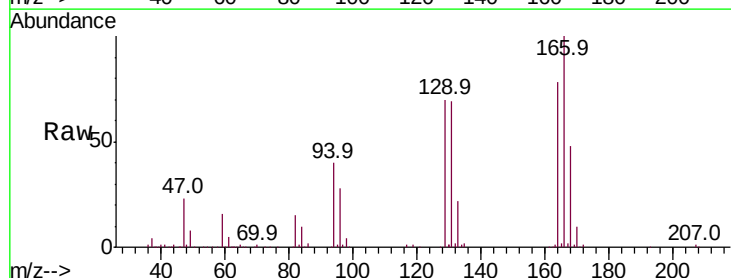
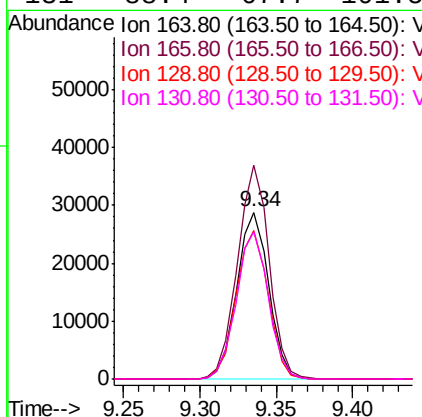
Manual Integrations
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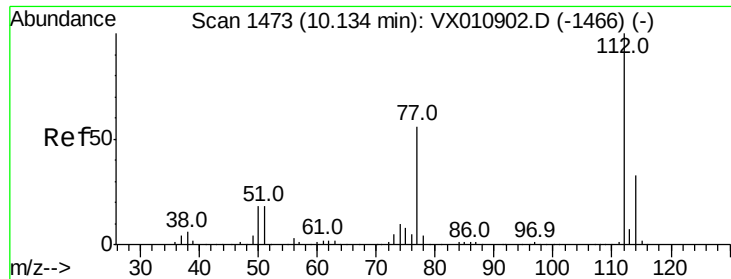
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#64
Tetrachloroethene
Concen: 19.812 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.8	151.2
129	89.4	72.6	109.0
131	88.4	67.7	101.5





#65

Chlorobenzene

Concen: 19.207 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion:112 Resp: 105647

Ion Ratio Lower Upper

112 100

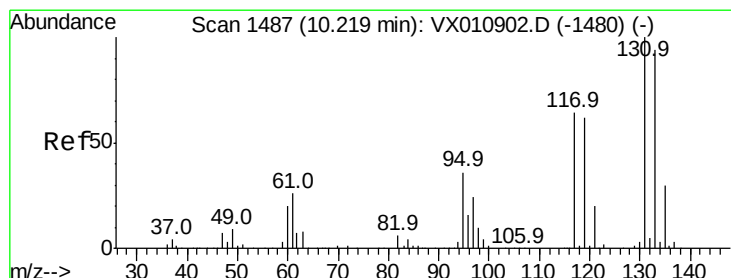
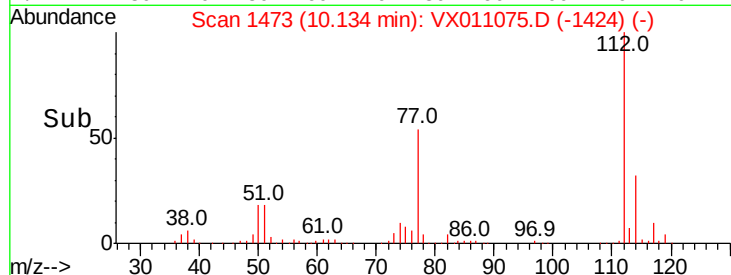
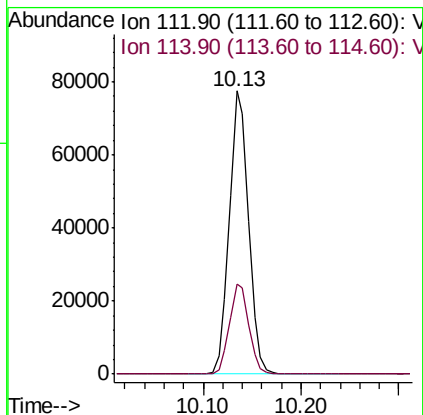
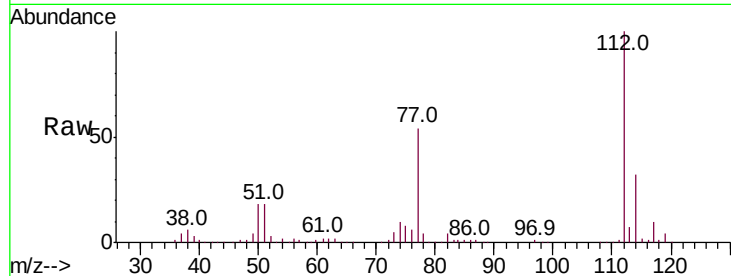
114 32.0 26.2 39.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.589 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

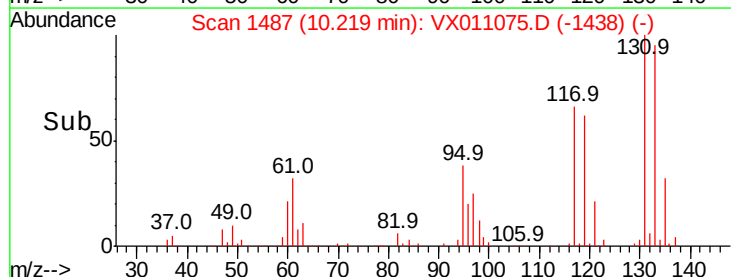
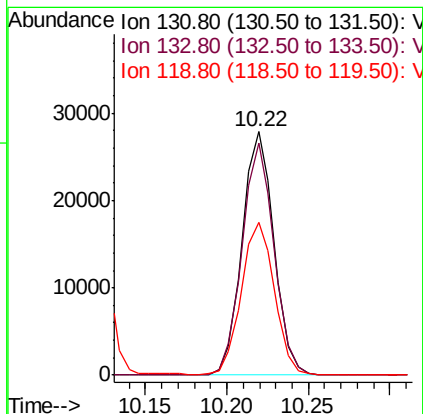
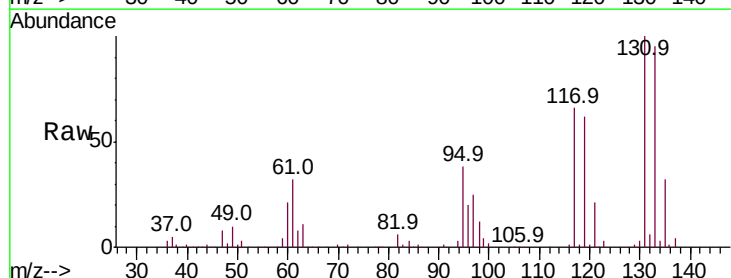
Tgt Ion:131 Resp: 37867

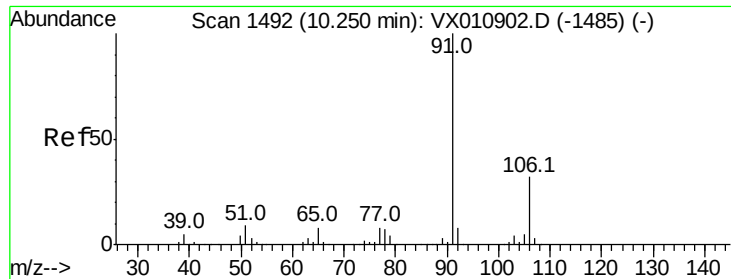
Ion Ratio Lower Upper

131 100

133 95.8 47.1 141.4

119 65.4 31.9 95.7





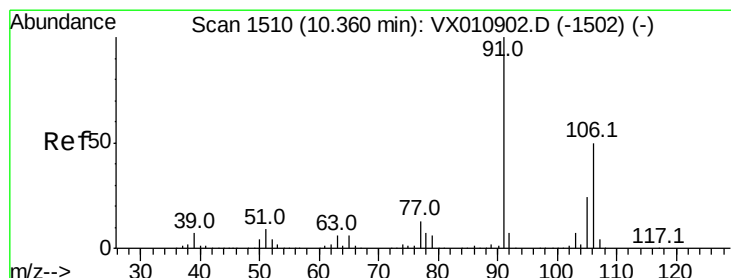
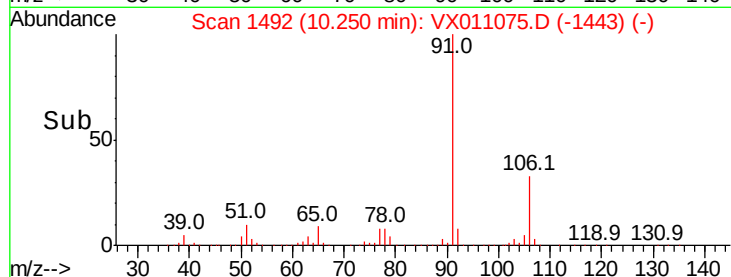
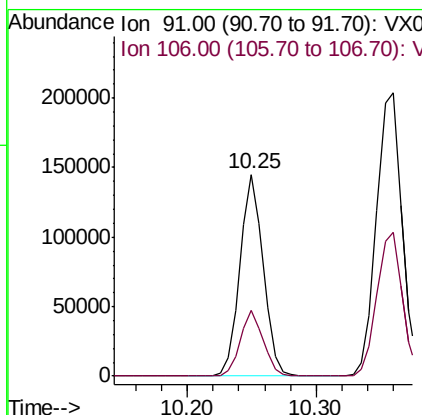
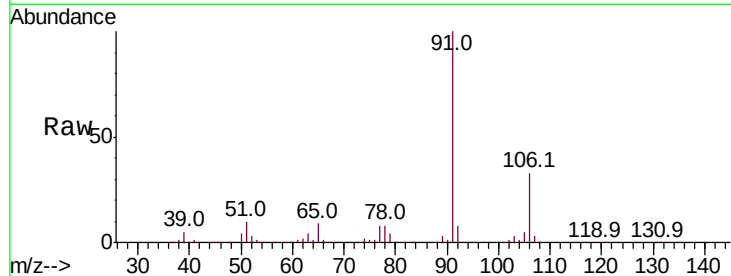
#67
Ethyl Benzene
Concen: 19.356 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion: 91 Resp: 181214
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2

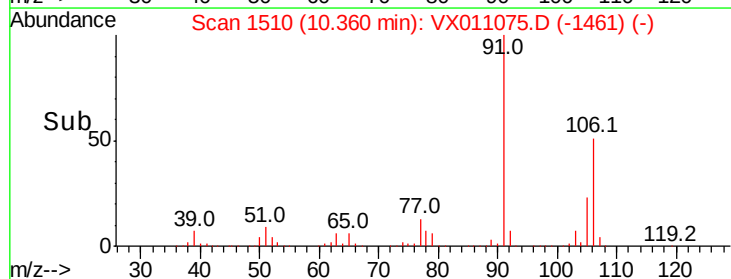
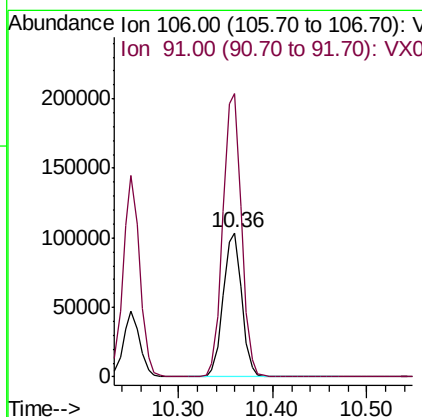
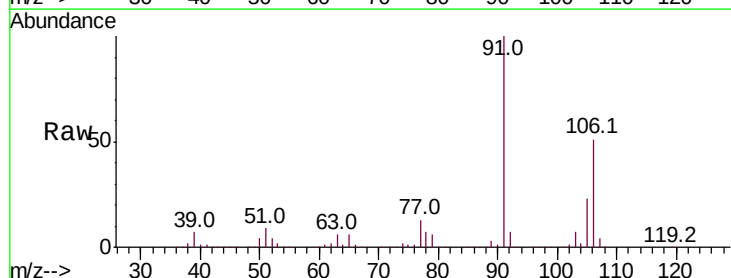
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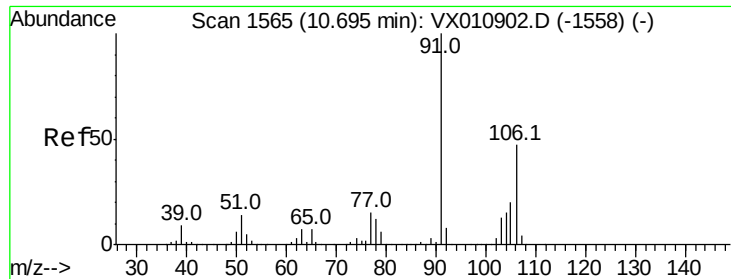
MMDadoda
7/26/2019 9:49:31 AM



#68
m/p-Xylenes
Concen: 39.288 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 106 Resp: 141094
Ion Ratio Lower Upper
106 100
91 197.4 160.1 240.1





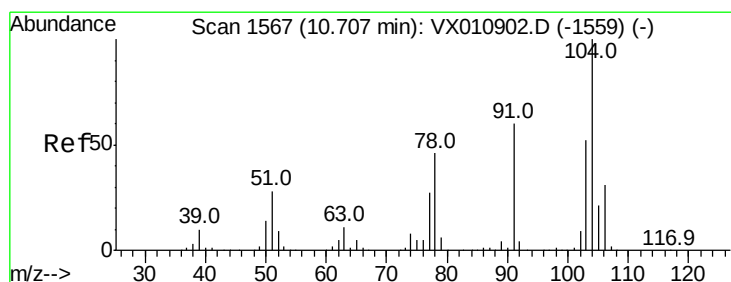
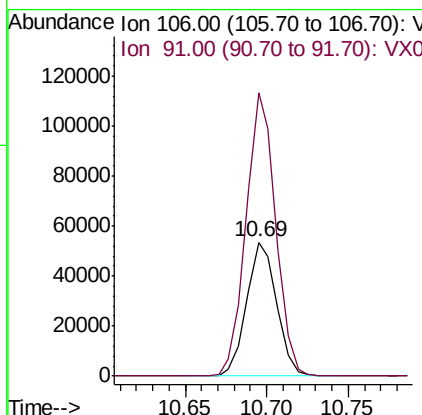
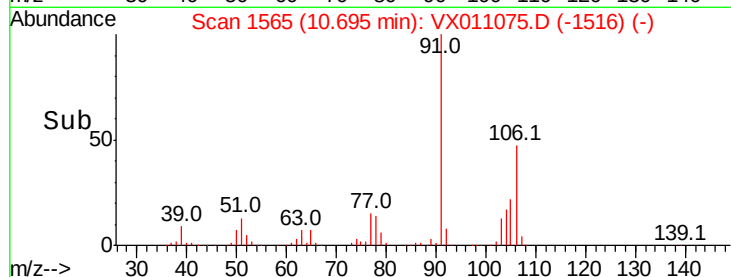
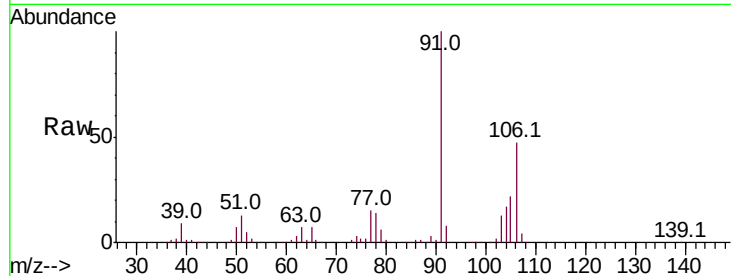
#69
o-Xylene
Concen: 19.597 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion:106 Resp: 68687
Ion Ratio Lower Upper
106 100
91 209.8 105.1 315.3

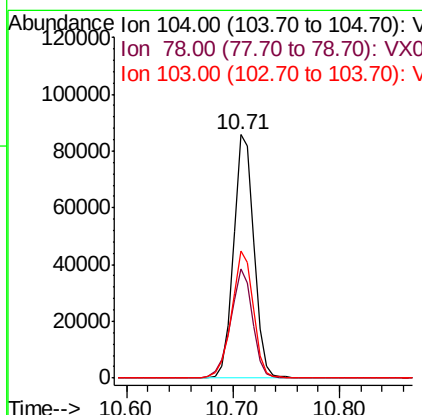
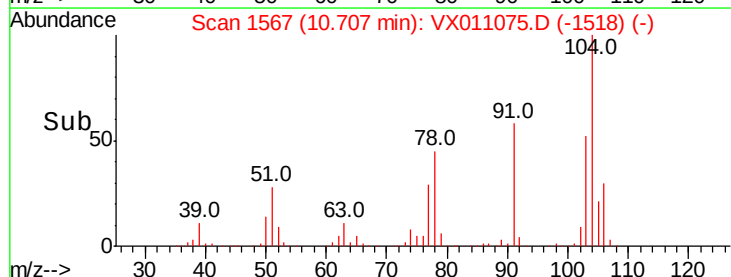
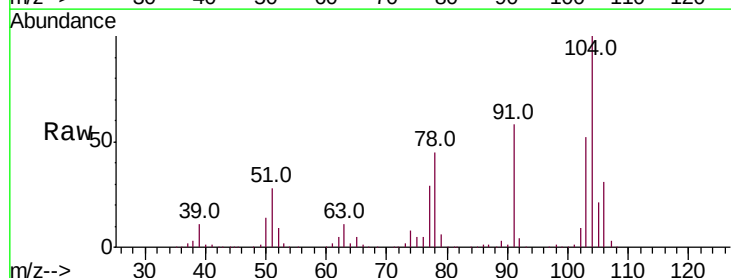
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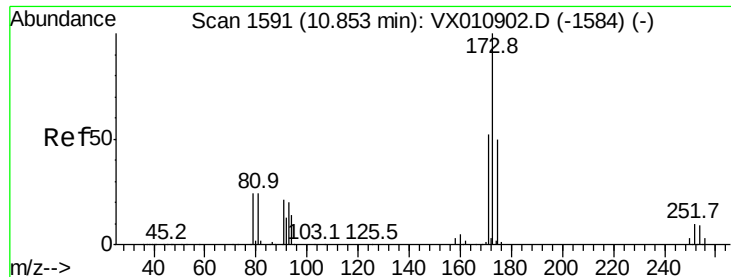
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#70
Styrene
Concen: 19.759 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion:104 Resp: 115448
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 55.0 44.2 66.4





#71

Bromoform

Concen: 17.752 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion:173 Resp: 28196

Ion Ratio Lower Upper

173 100

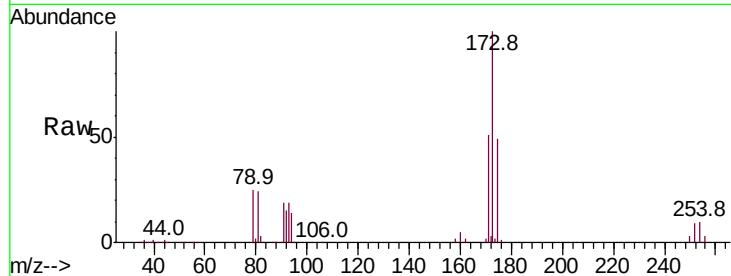
175 48.1 24.6 73.6

254 0.1 0.1 0.1#

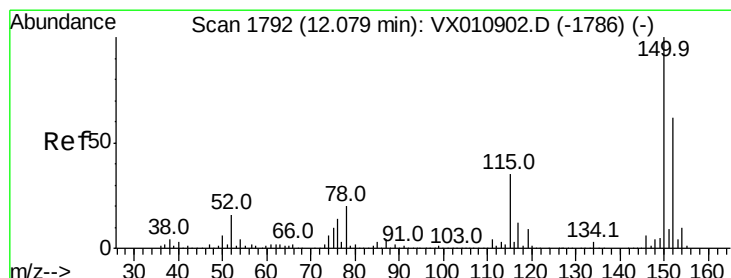
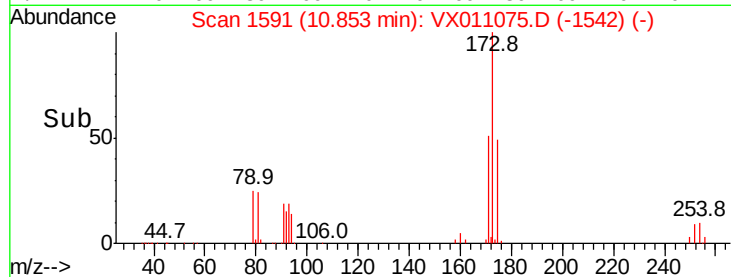
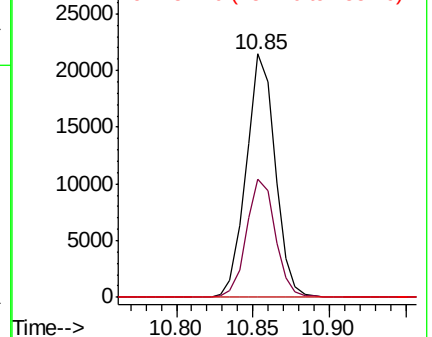
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

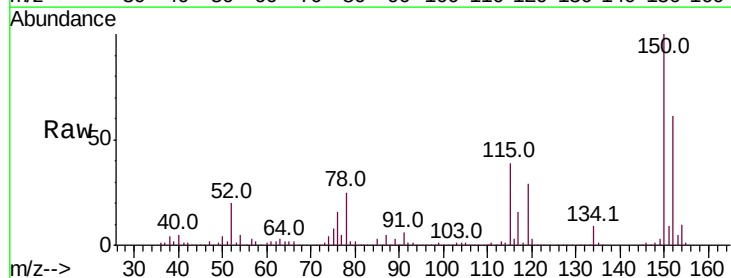
Tgt Ion:152 Resp: 137813

Ion Ratio Lower Upper

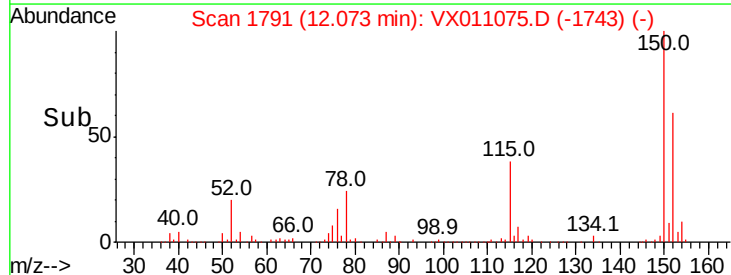
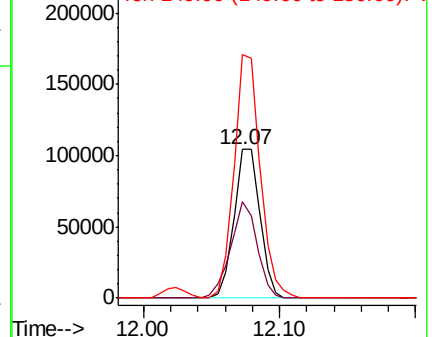
152 100

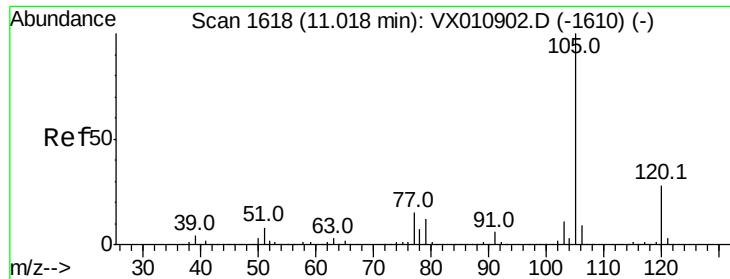
115 66.3 39.7 119.1

150 165.7 0.0 345.6



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





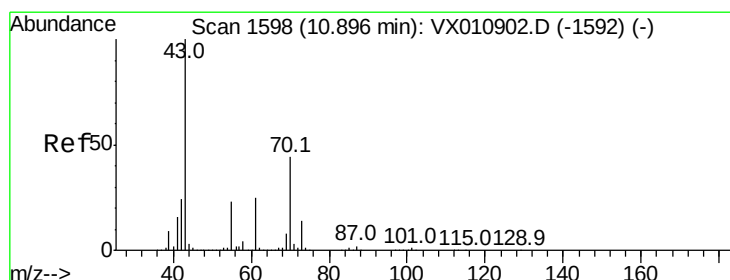
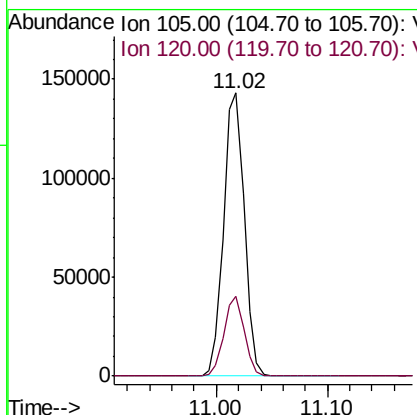
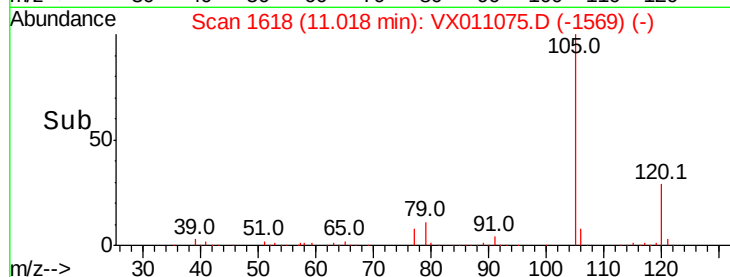
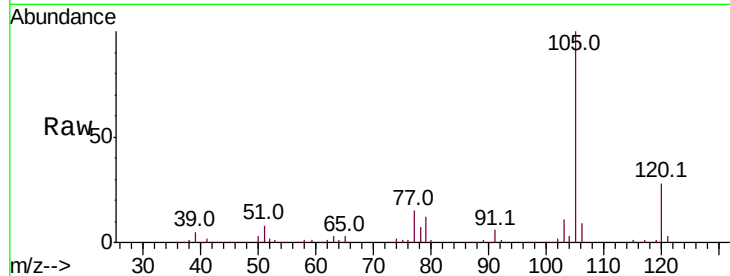
#73
Isopropylbenzene
Concen: 19.824 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBSD02

Tot Ion: 105 Resp: 184597
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.1

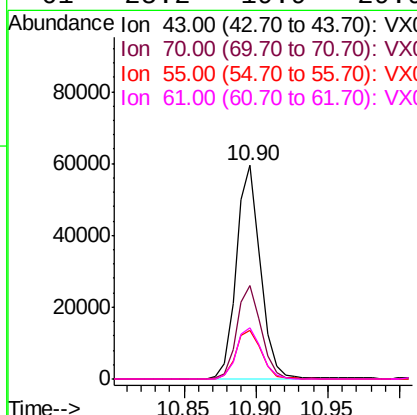
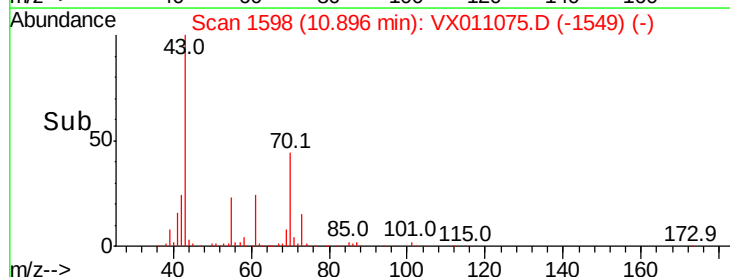
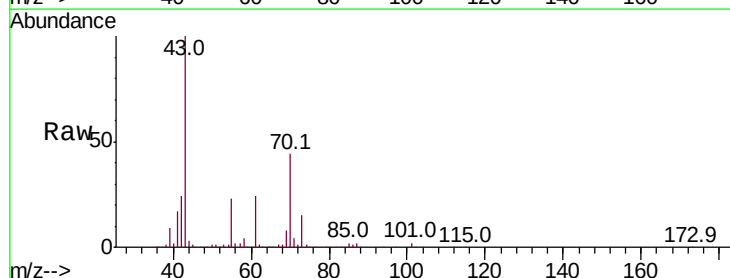
Manual Integrations
APPROVED

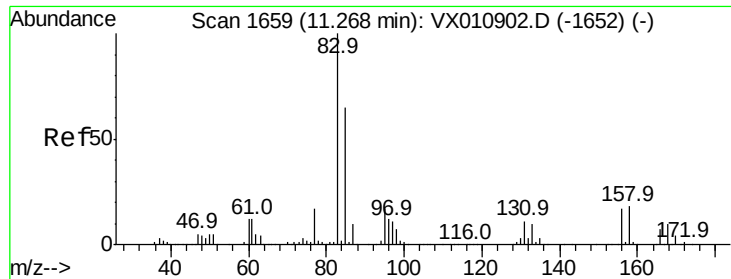
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#74
N-ethyl acetate
Concen: 19.444 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX011075.D
Acq: 25 Jul 2019 14:06

Tgt Ion: 43 Resp: 69183
Ion Ratio Lower Upper
43 100
70 44.4 34.7 52.1
55 24.9 19.1 28.7
61 25.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.848 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

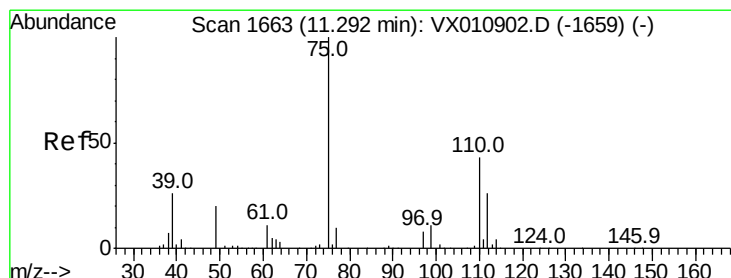
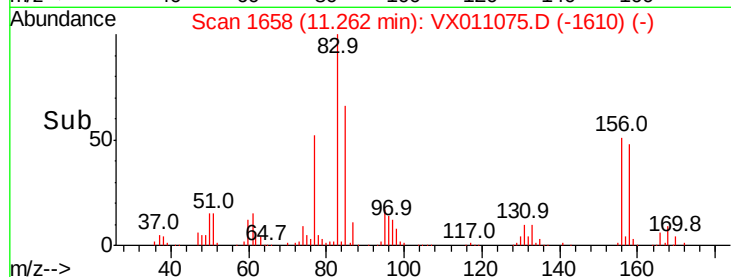
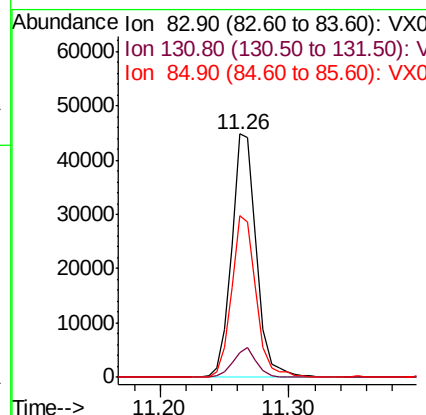
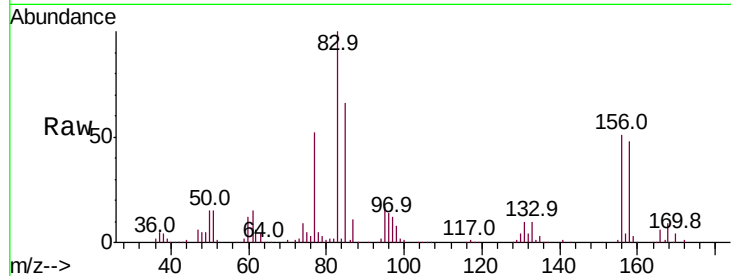
ClientSampleId :

VX0725WBSD02

Tot Ion:	83	Resp:	60485
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.5	16.4
85	65.5	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.702 ug/l m

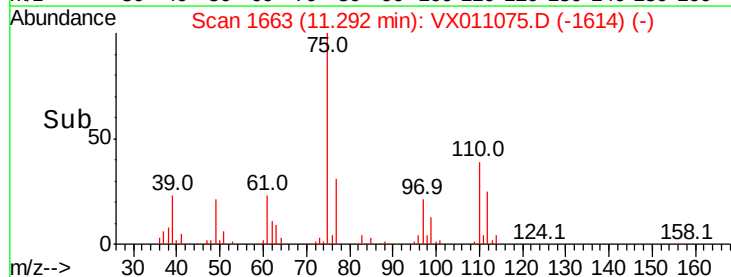
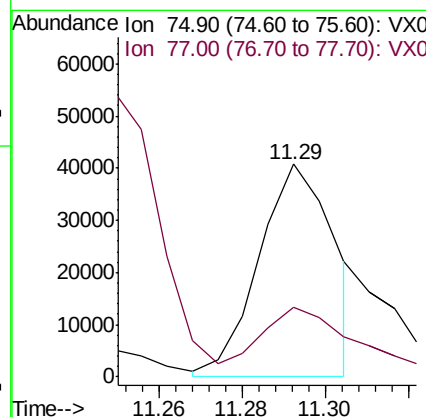
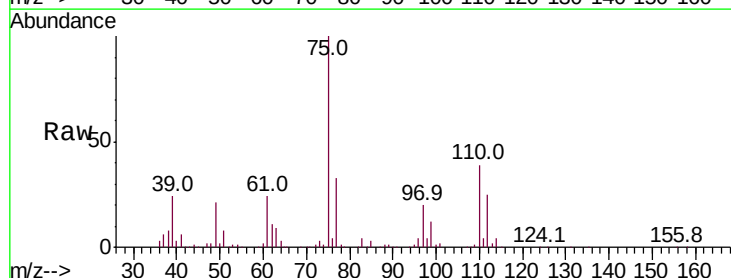
RT: 11.29 min Scan# 1663

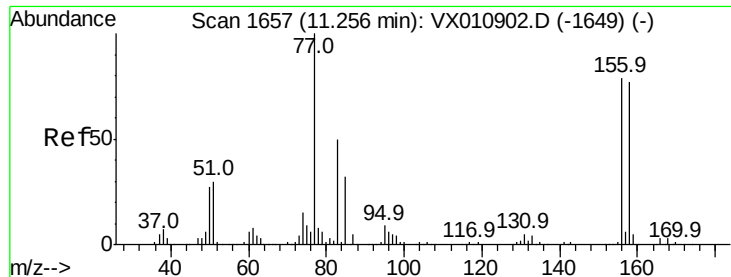
Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion:	75	Resp:	51484
Ion Ratio	Lower	Upper	
75	100		
77	42.0	21.3	64.0





#77

Bromobenzene

Concen: 19.738 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion:156 Resp: 50699

Ion Ratio Lower Upper

156 100

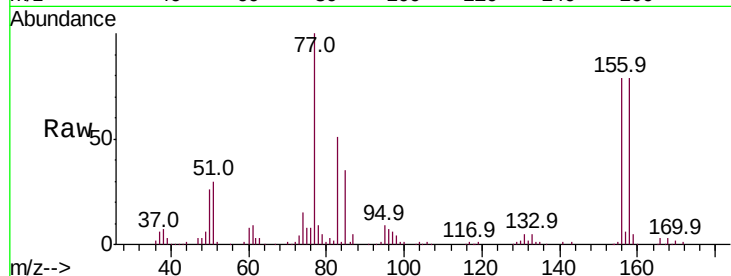
77 135.6 68.7 206.1

158 97.2 47.9 143.7

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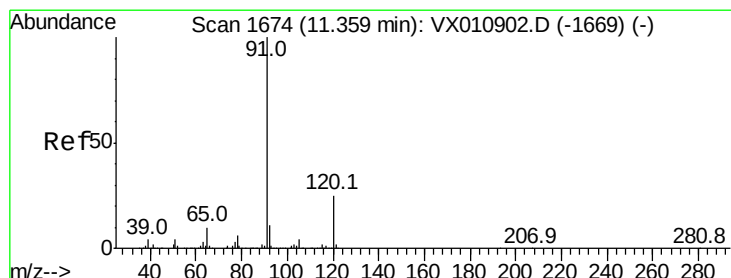
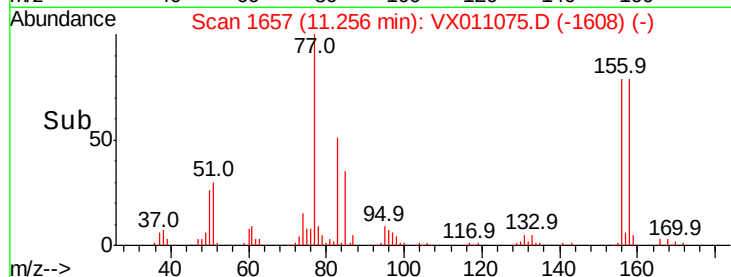
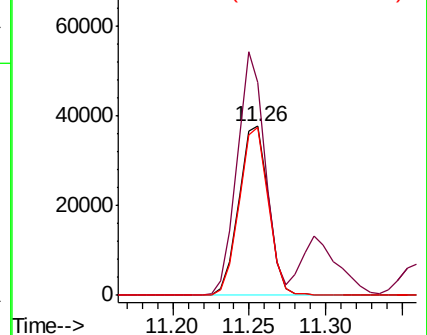
7/26/2019 9:49:31 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.747 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011075.D

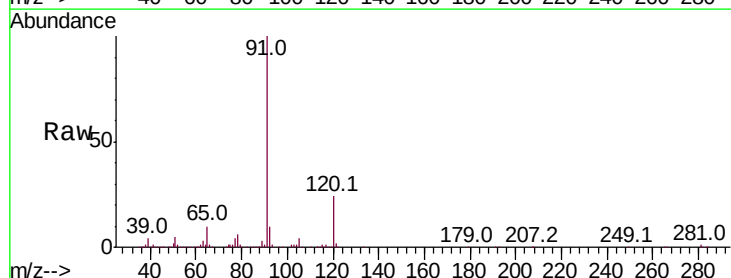
Acq: 25 Jul 2019 14:06

Tgt Ion: 91 Resp: 203179

Ion Ratio Lower Upper

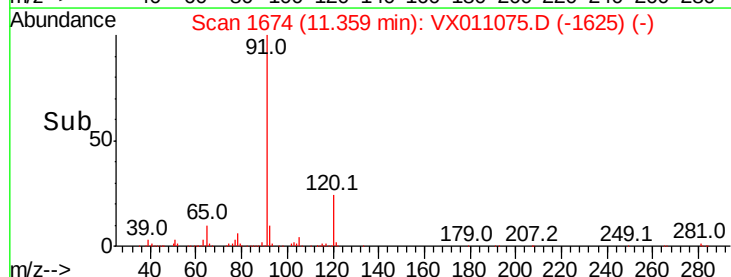
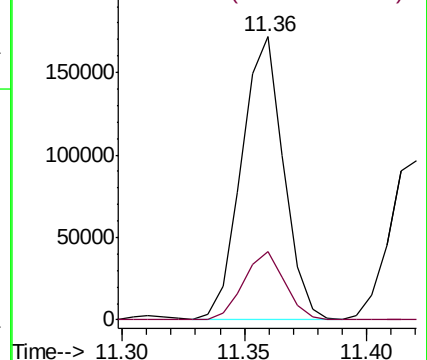
91 100

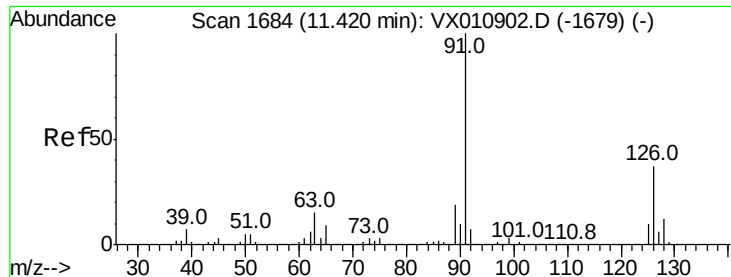
120 23.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.895 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 91 Resp: 122970

Ion Ratio Lower Upper

91 100

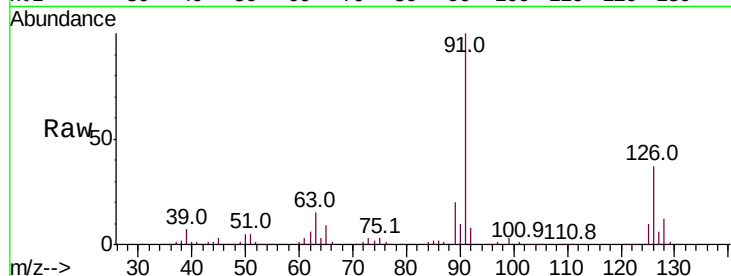
126 36.6 18.0 54.0

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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

200000

150000

100000

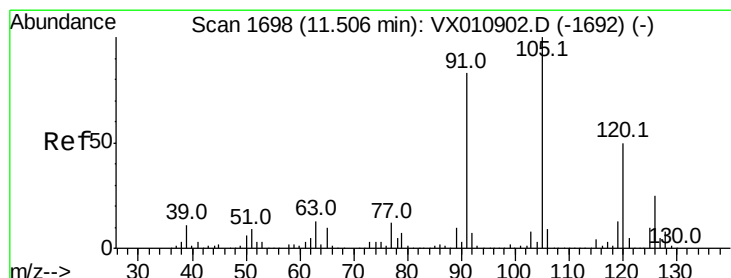
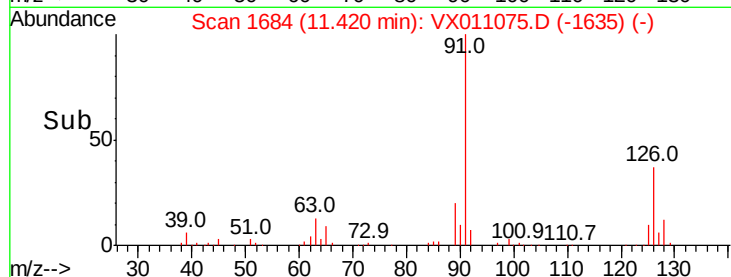
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.900 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011075.D

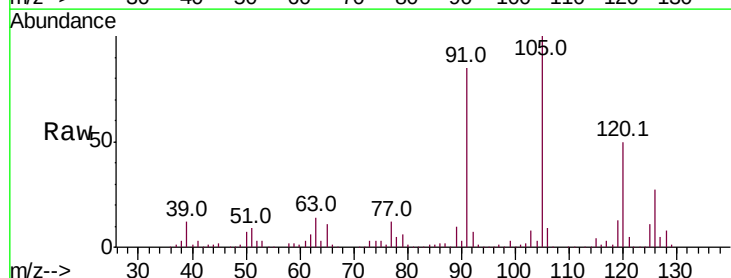
Acq: 25 Jul 2019 14:06

Tgt Ion: 105 Resp: 154842

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)

150000

100000

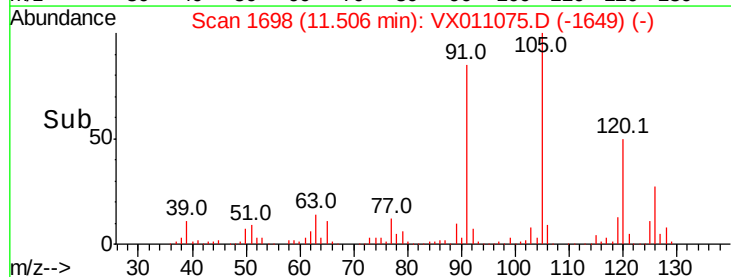
50000

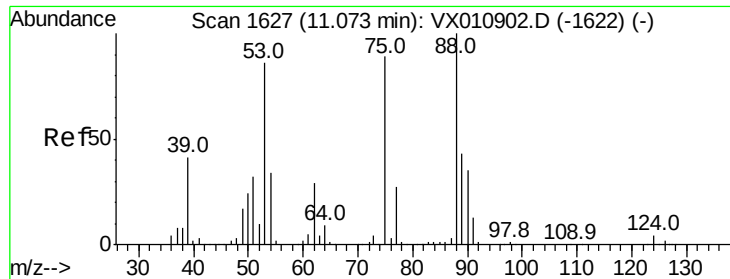
0

11.51

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.107 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion: 75 Resp: 15066

Ion Ratio Lower Upper

75 100

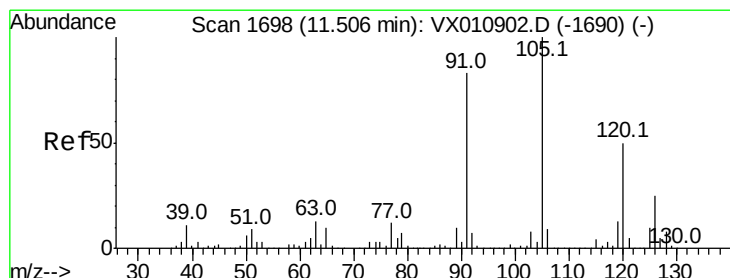
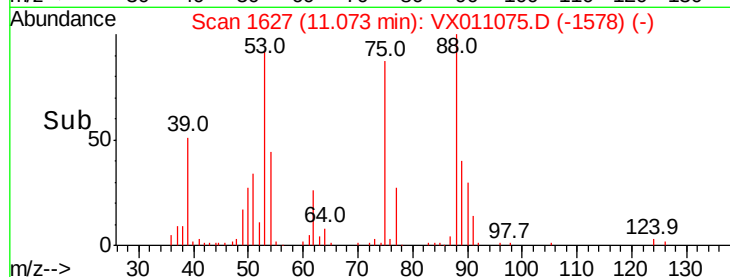
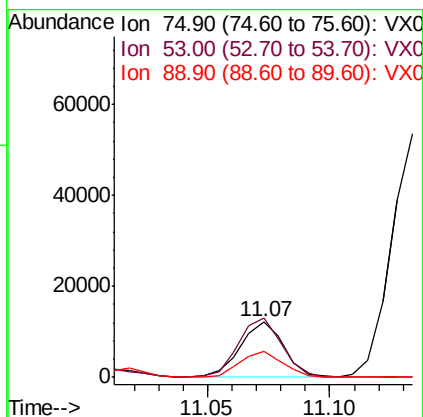
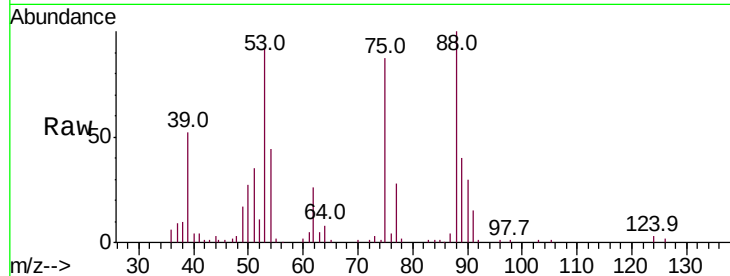
53 109.2 76.7 115.1

89 47.1 38.5 57.7

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#82

4-Chlorotoluene

Concen: 19.675 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011075.D

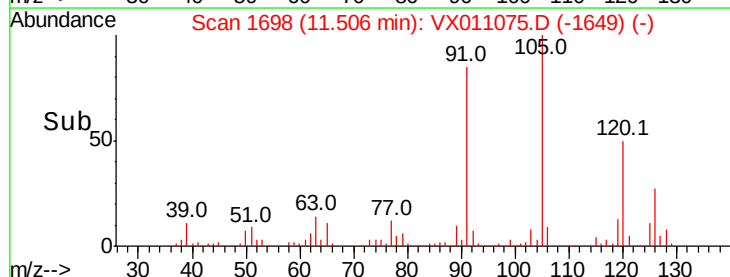
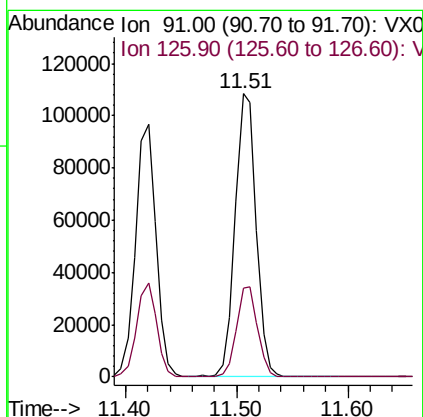
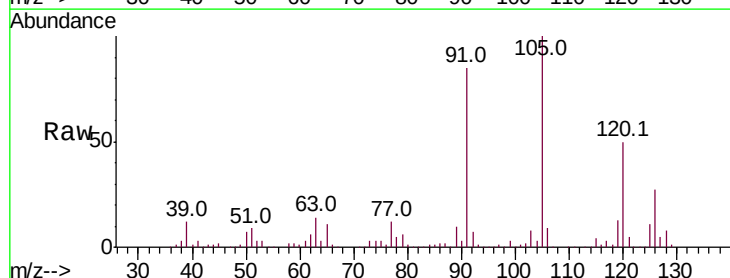
Acq: 25 Jul 2019 14:06

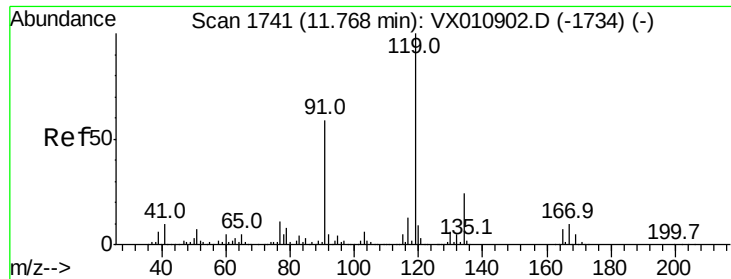
Tgt Ion: 91 Resp: 141537

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.7





#83

tert-Butylbenzene

Concen: 20.009 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

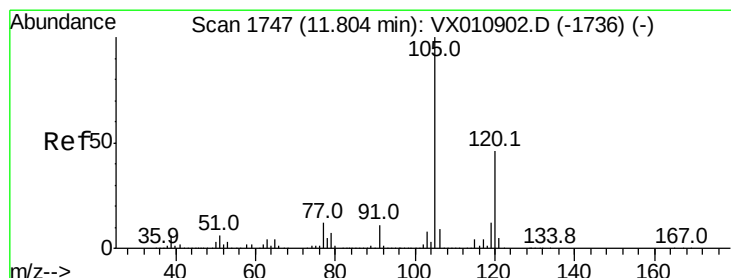
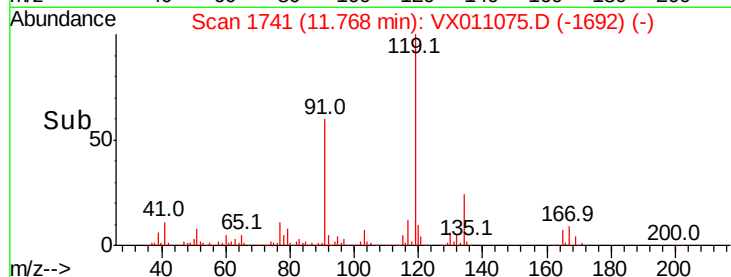
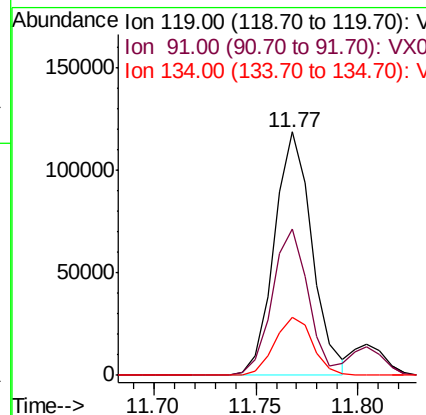
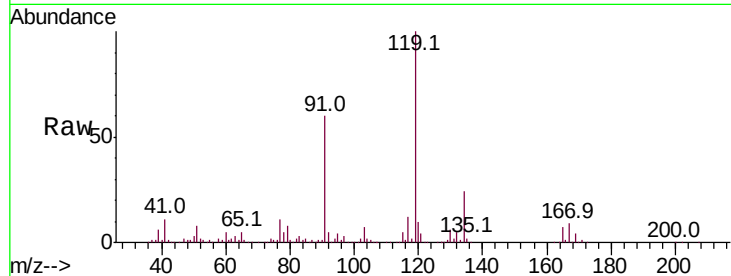
ClientSampleId :

VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	28.6	85.8
134	23.9	11.6	34.8

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#84

1,2,4-Trimethylbenzene

Concen: 19.752 ug/l

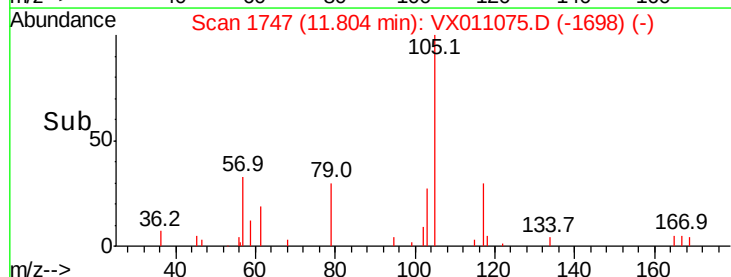
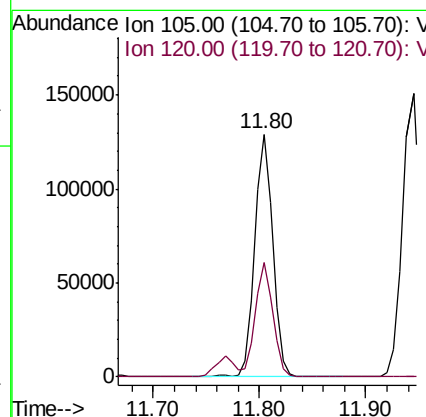
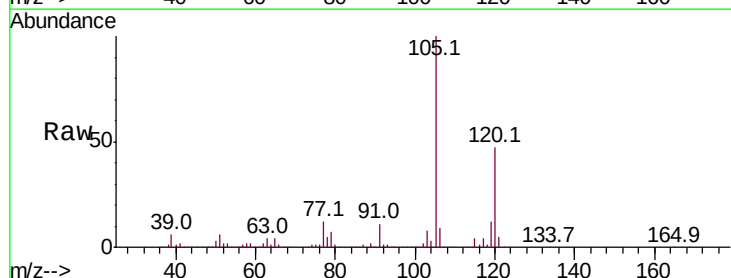
RT: 11.80 min Scan# 1747

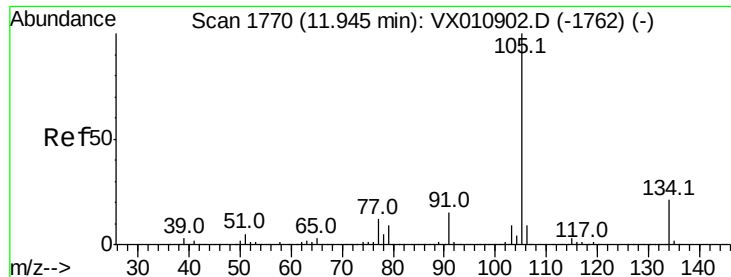
Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.271 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBSD02

Tot Ion:105 Resp: 181539

Ion Ratio Lower Upper

105 100

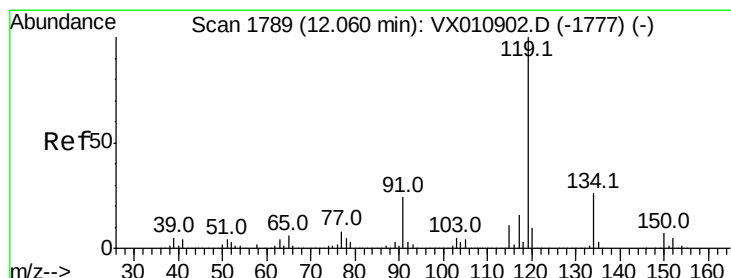
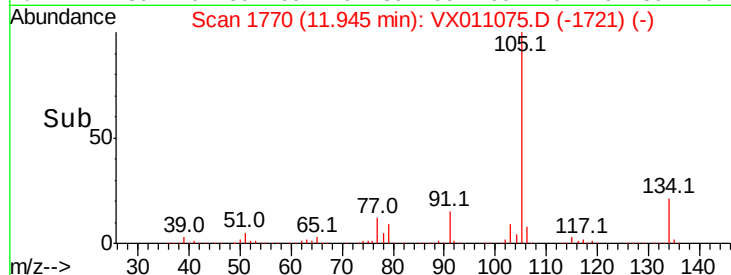
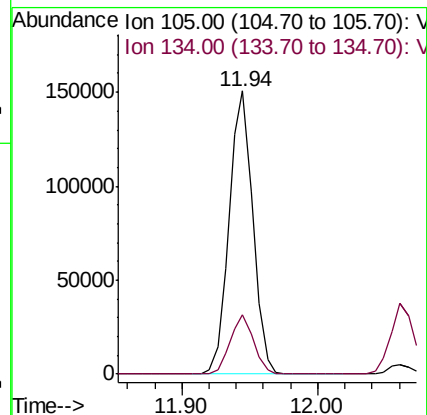
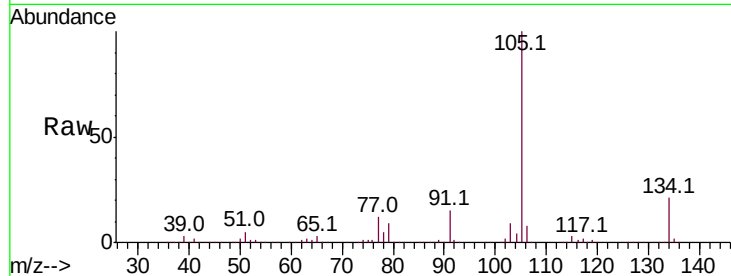
134 20.6 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 19.974 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

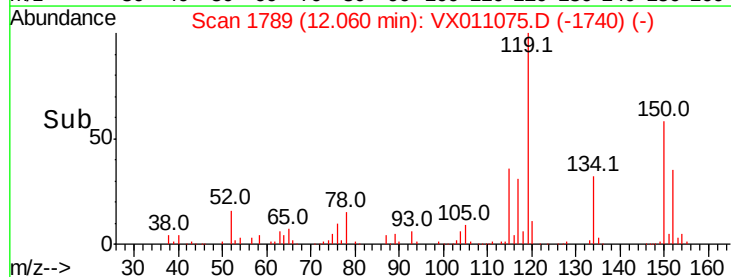
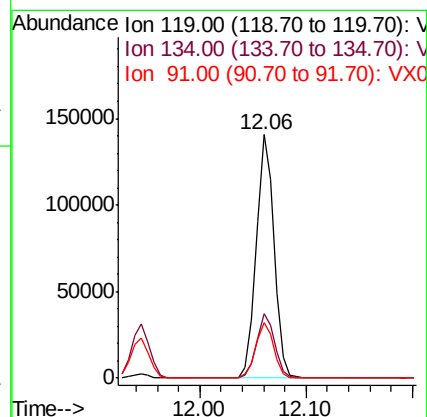
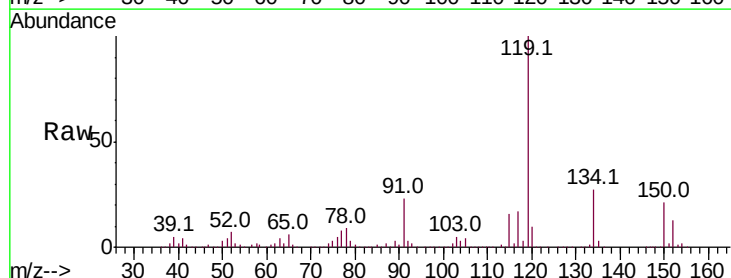
Tgt Ion:119 Resp: 165374

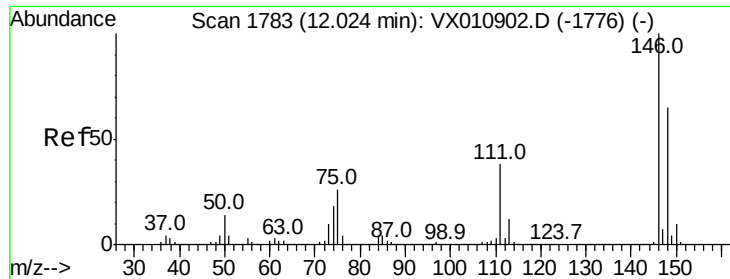
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.3 11.8 35.4





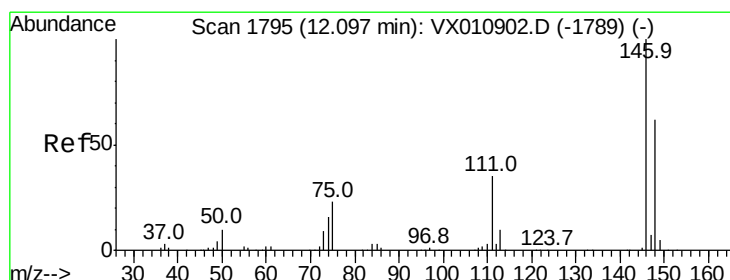
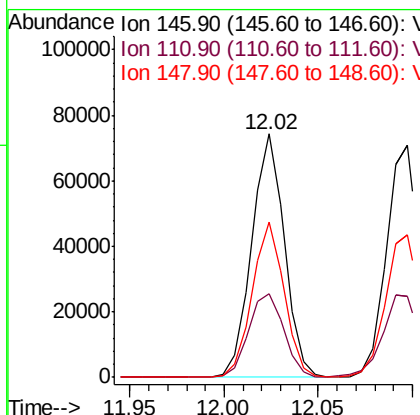
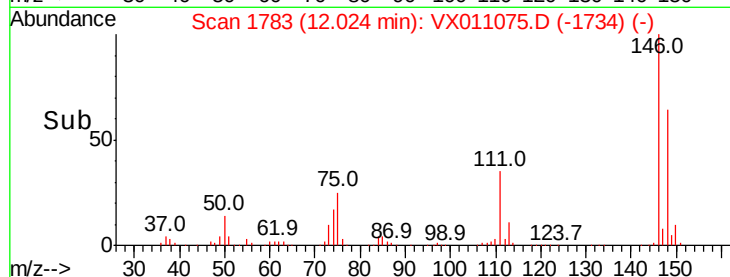
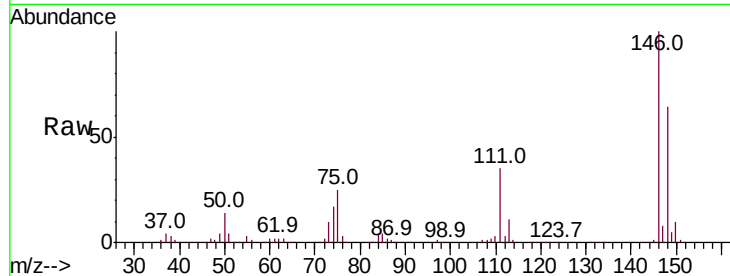
#87
 1,3-Dichlorobenzene
 Concen: 20.055 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.9
148	62.4	32.2	96.6

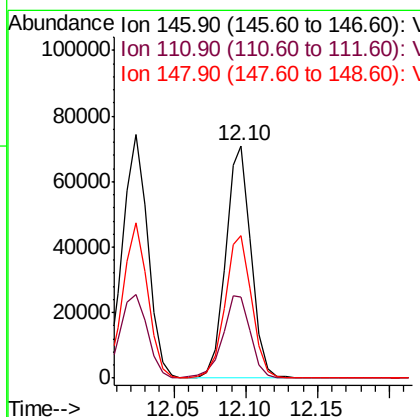
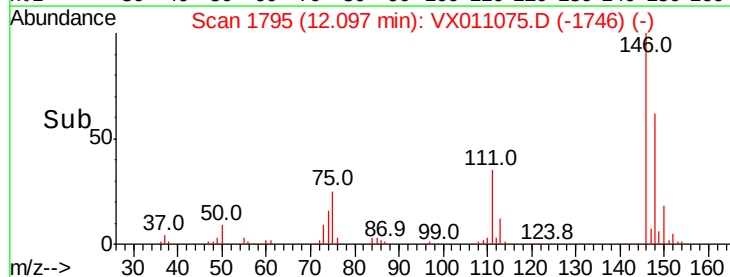
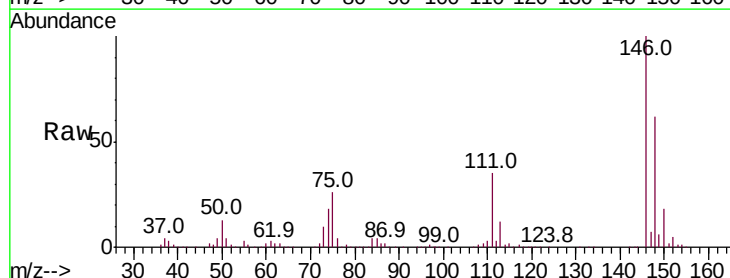
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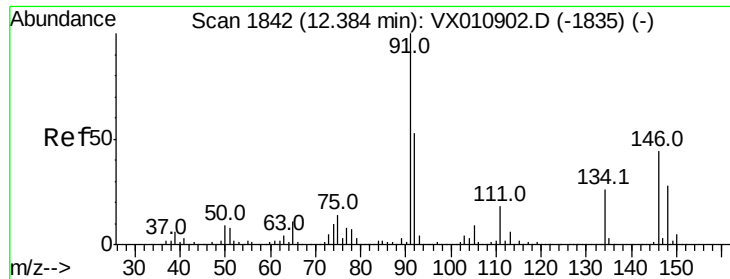
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#88
 1,4-Dichlorobenzene
 Concen: 19.160 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	55.8
148	64.8	31.6	94.7





#89

n-Butylbenzene

Concen: 19.547 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

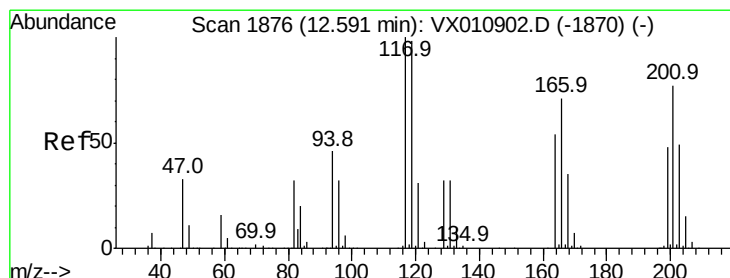
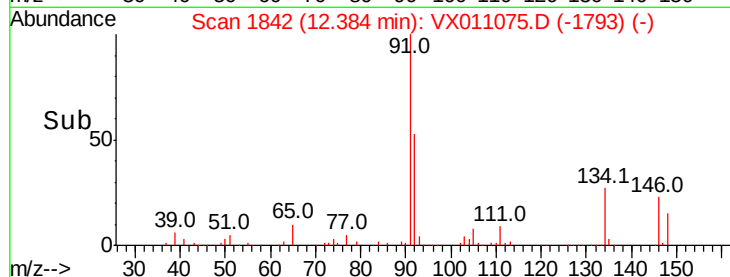
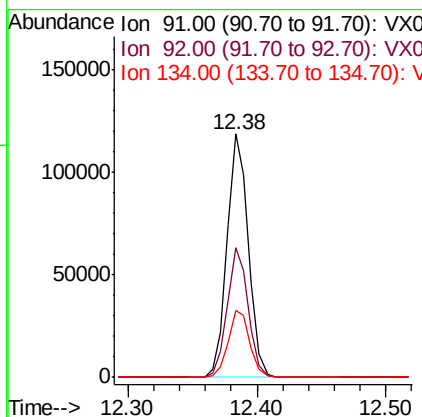
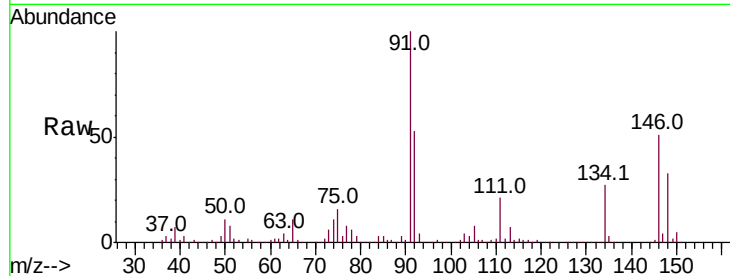
ClientSampleId :

VX0725WBSD02

Tot Ion:	91	Resp:	138460
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.5
134	27.7	13.8	41.3

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#90

Hexachloroethane

Concen: 18.113 ug/l

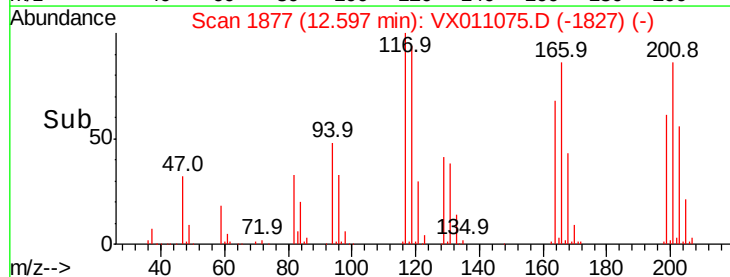
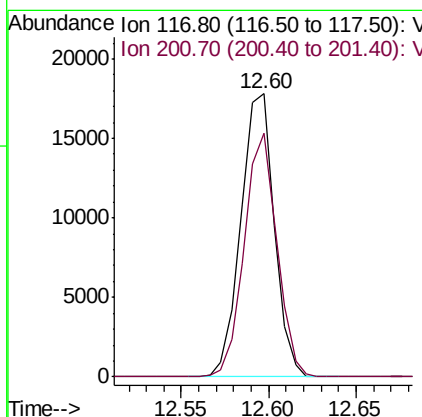
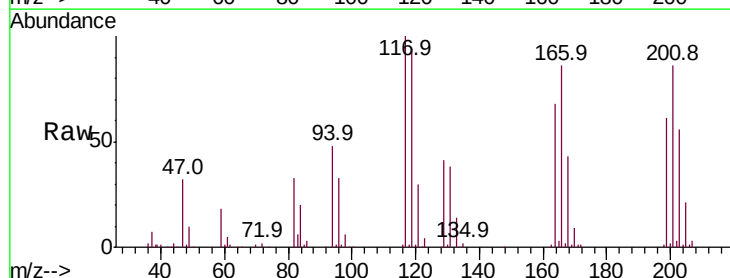
RT: 12.60 min Scan# 1877

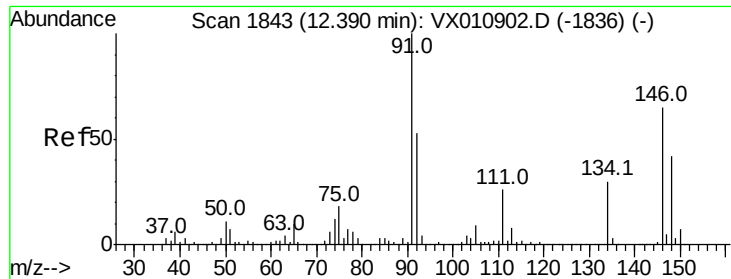
Delta R.T. 0.01 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion:	117	Resp:	23653
Ion	Ratio	Lower	Upper
117	100		
201	83.8	43.3	129.8





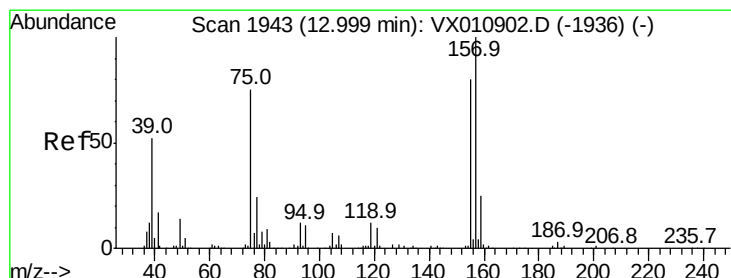
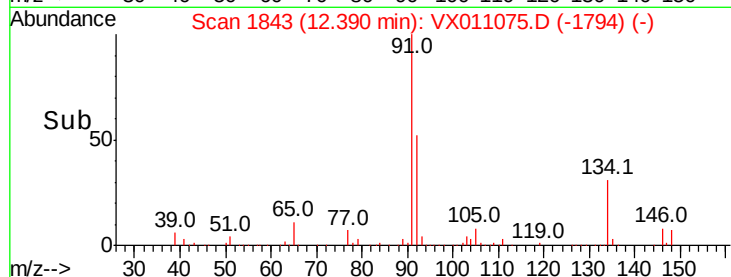
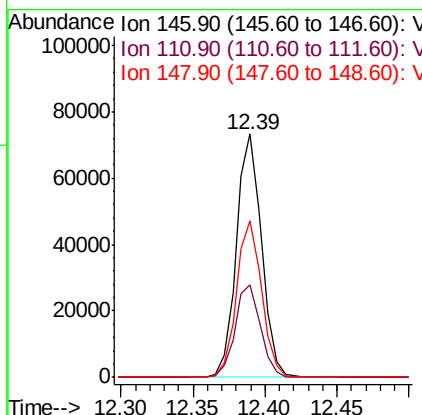
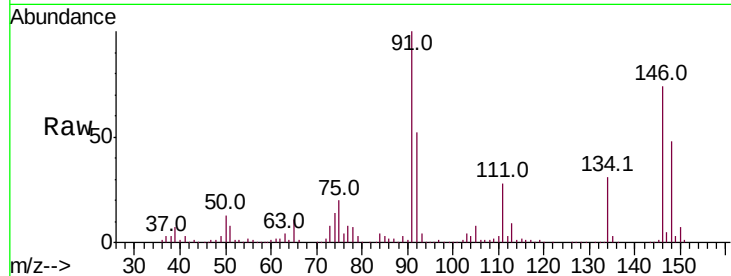
#91
 1,2-Dichlorobenzene
 Concen: 20.227 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.7
148	64.3	32.0	96.2

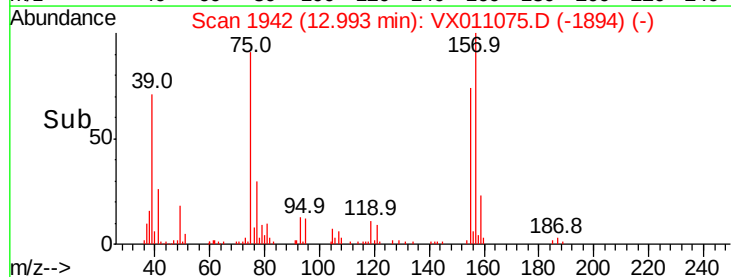
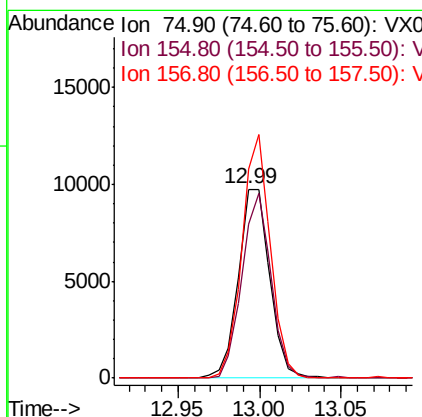
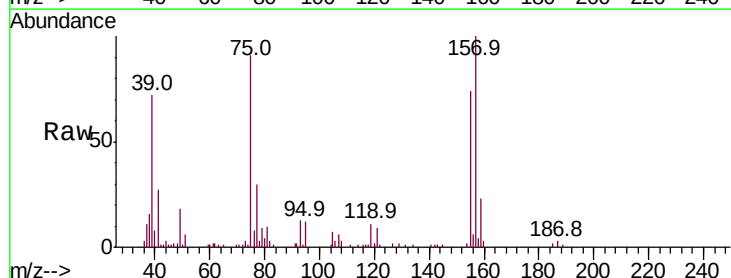
Manual Integrations
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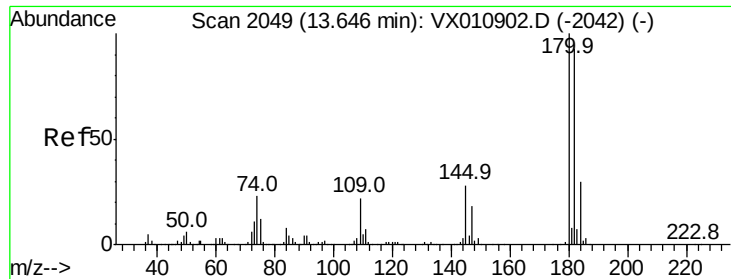
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 7/26/2019 9:49:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.523 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	48.7	146.1
157	116.3	62.5	187.6





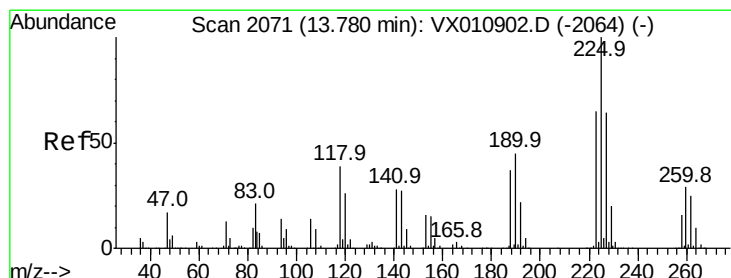
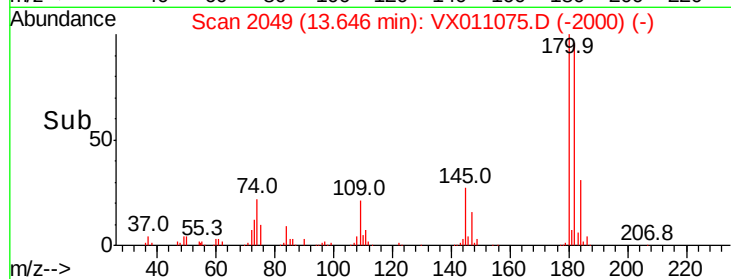
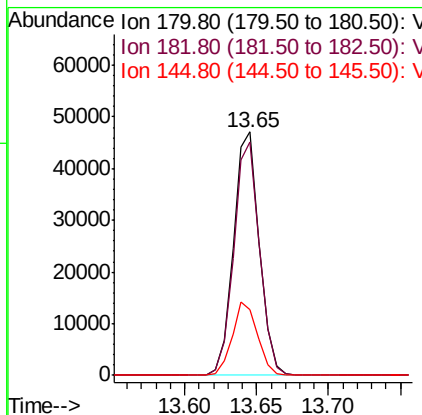
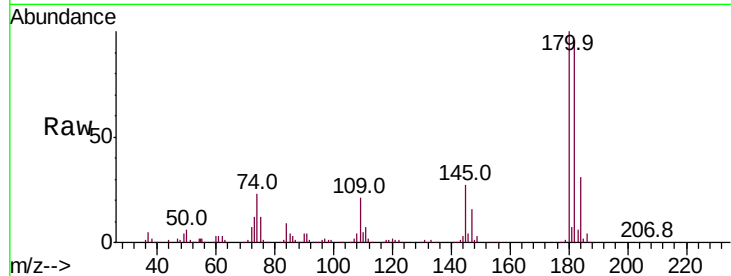
#93
 1,2,4-Trichlorobenzene
 Concen: 19.685 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.1	141.3	
145	29.7	14.8	44.4	

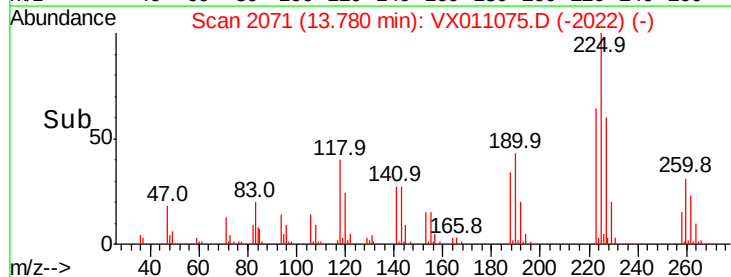
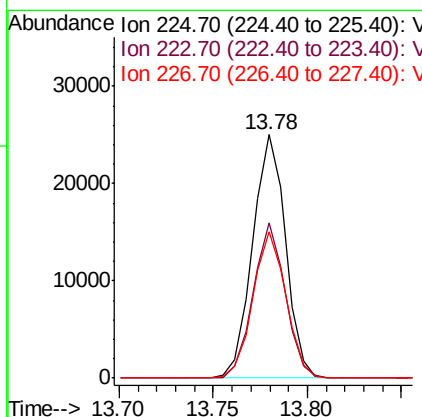
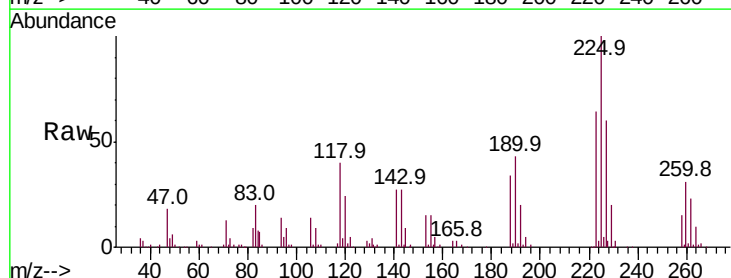
Manual Integrations
 APPROVED

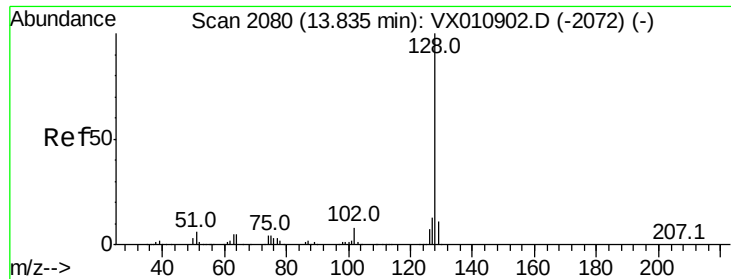
MMDadoda
 7/26/2019 9:49:31 AM



#94
 Hexachlorobutadiene
 Concen: 20.377 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011075.D
 Acq: 25 Jul 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.9	95.9	
227	60.6	32.5	97.4	





#95

Naphthalene

Concen: 19.566 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Instrument :

MSVOA_X

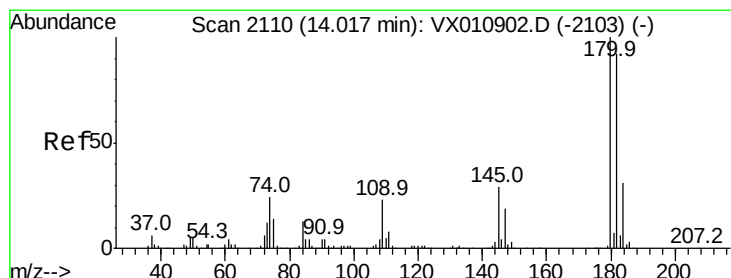
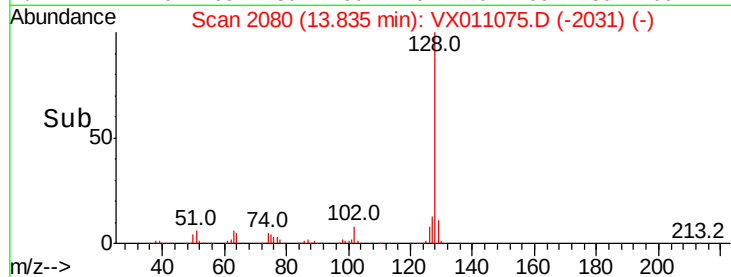
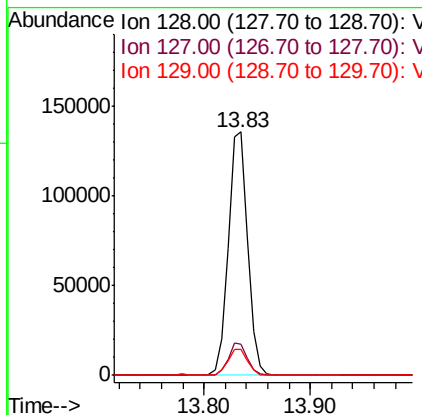
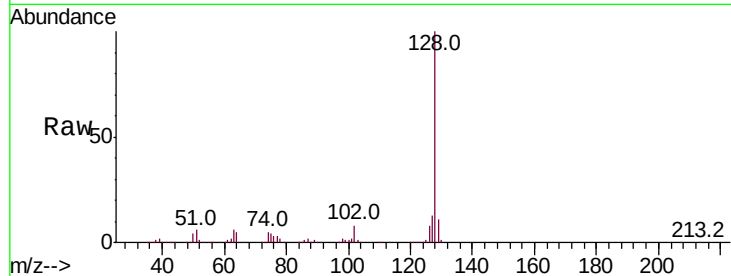
ClientSampleId :

VX0725WBSD02

Tot Ion:	128	Resp:	172986
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/26/2019 9:49:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.634 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011075.D

Acq: 25 Jul 2019 14:06

Tgt Ion:	180	Resp:	61468
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.4	142.3
145	30.5	15.1	45.3

