

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071719\
 Data File : VX010926.D
 Acq On : 17 Jul 2019 11:26
 Operator : JC/SP
 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 10:58:07 AM

Quant Time: Jul 18 03:20:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162396	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124247	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	113319	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.71	98	423467	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	152774	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	48299	19.886	ug/l	98
3) Chloromethane	1.33	50	42617	20.005	ug/l	98
4) Vinyl Chloride	1.41	62	43734	20.127	ug/l	99
5) Bromomethane	1.64	94	27598	22.539	ug/l	99
6) Chloroethane	1.73	64	27901	20.206	ug/l	98
7) Trichlorofluoromethane	1.93	101	73558	19.999	ug/l	99
8) Diethyl Ether	2.19	74	24300	19.175	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40611	19.337	ug/l	98
10) Methyl Iodide	2.51	142	47393	17.197	ug/l	99
11) Tert butyl alcohol	3.04	59	49758	86.695	ug/l	99
12) 1,1-Dichloroethene	2.38	96	41279	20.005	ug/l	95
13) Acrolein	2.29	56	28252	85.198	ug/l	97
14) Allyl chloride	2.73	41	57900	19.318	ug/l	98
15) Acrylonitrile	3.14	53	113271	97.667	ug/l	99
16) Acetone	2.45	43	104973	94.310	ug/l	98
17) Carbon Disulfide	2.57	76	101454	19.168	ug/l	99
18) Methyl Acetate	2.78	43	47260	18.647	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	128597	19.360	ug/l	99
20) Methylene Chloride	2.86	84	45350	19.226	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	42434	19.382	ug/l	96
22) Diisopropyl ether	3.85	45	121302	19.190	ug/l	97
23) Vinyl Acetate	3.82	43	529602	98.882	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70129	19.103	ug/l	100
25) 2-Butanone	4.67	43	157256	98.421	ug/l	99
26) 2,2-Dichloropropane	4.59	77	56229	18.654	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48410	19.106	ug/l	99
28) Bromochloromethane	5.02	49	30971	17.903	ug/l	98
29) Tetrahydrofuran	5.13	42	97740	96.572	ug/l	98
30) Chloroform	5.21	83	75022	18.907	ug/l	96
31) Cyclohexane	5.58	56	65643	19.618	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	65026	18.942	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54392	19.112	ug/l	99
37) Ethyl Acetate	4.84	43	57216	19.634	ug/l	98
38) Carbon Tetrachloride	5.79	117	56725	19.128	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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 7/22/2019 10:58:07 AM

Quant Time: Jul 18 03:20:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70069	18.986	ug/l	98
40) Benzene	6.14	78	169225	19.412	ug/l	99
41) Methacrylonitrile	5.04	41	31509	19.047	ug/l	97
42) 1,2-Dichloroethane	6.19	62	57664	19.024	ug/l	99
43) Isopropyl Acetate	6.45	43	91351	19.064	ug/l	99
44) Trichloroethene	7.21	130	49524	19.192	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42326	19.076	ug/l	96
46) Dibromomethane	7.66	93	30427	19.191	ug/l	99
47) Bromodichloromethane	7.90	83	54242	19.219	ug/l	98
48) Methyl methacrylate	7.77	41	44478	19.054	ug/l	99
49) 1,4-Dioxane	7.74	88	24889	381.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	305232	98.267	ug/l	100
52) Toluene	8.79	92	111815	19.525	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57617	18.986	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	64402	19.072	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	45523	19.306	ug/l	94
56) Ethyl methacrylate	9.18	69	66661	19.327	ug/l	100
57) 1,3-Dichloropropane	9.37	76	71995	19.247	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	168722	102.472	ug/l	98
59) 2-Hexanone	9.49	43	238893	99.159	ug/l	99
60) Dibromochloromethane	9.58	129	45317	18.382	ug/l	99
61) 1,2-Dibromoethane	9.67	107	47959	19.165	ug/l	99
64) Tetrachloroethene	9.34	164	48944	19.577	ug/l	94
65) Chlorobenzene	10.14	112	122288	18.734	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	43476	18.951	ug/l	98
67) Ethyl Benzene	10.25	91	208774	18.790	ug/l	98
68) m/p-Xylenes	10.36	106	162220	38.062	ug/l	99
69) o-Xylene	10.69	106	79436	19.098	ug/l	100
70) Styrene	10.71	104	131541	18.971	ug/l	99
71) Bromoform	10.85	173	32756	17.431	ug/l #	99
73) Isopropylbenzene	11.02	105	211200	19.247	ug/l	100
74) N-amyl acetate	10.90	43	79251	18.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	69184	19.266	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58388m	19.924	ug/l	
77) Bromobenzene	11.26	156	57146	18.880	ug/l	99
78) n-propylbenzene	11.36	91	235028	19.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	139896	19.208	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	175198	19.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18293	18.536	ug/l	94
82) 4-Chlorotoluene	11.51	91	160974	18.989	ug/l	100
83) tert-Butylbenzene	11.77	119	172329	19.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180676	19.550	ug/l	99
85) sec-Butylbenzene	11.94	105	206735	19.590	ug/l	100
86) p-Isopropyltoluene	12.06	119	189864	19.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	97572	18.576	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	100027	18.568	ug/l	98
89) n-Butylbenzene	12.38	91	158605	19.002	ug/l	100
90) Hexachloroethane	12.60	117	28217	18.337	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	100527	19.311	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14657	19.526	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

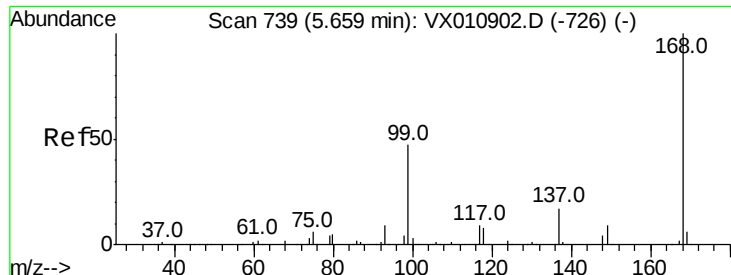
Manual Integrations
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7/22/2019 10:58:07 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66507	18.851	ug/l	99
94) Hexachlorobutadiene	13.78	225	32640	18.669	ug/l	99
95) Naphthalene	13.83	128	207848	19.951	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68051	19.386	ug/l	99

(#) = 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: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion:168 Resp: 231653

Ion Ratio Lower Upper

168 100

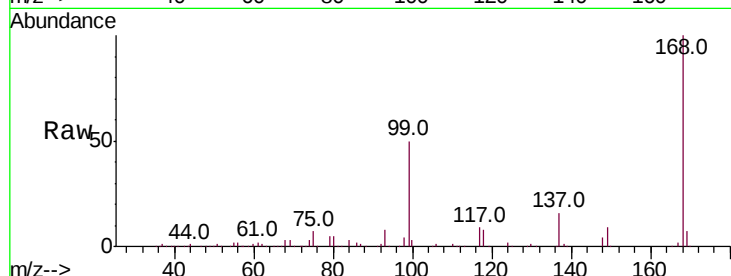
99 49.6 37.6 56.4

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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

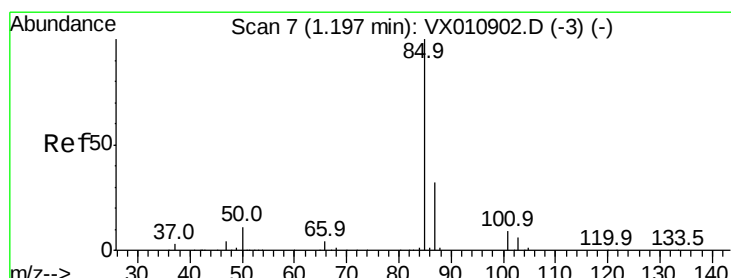
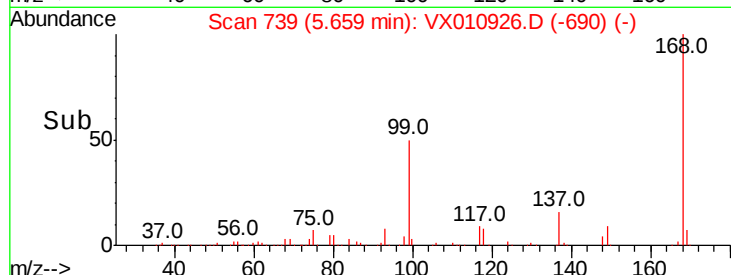
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.886 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010926.D

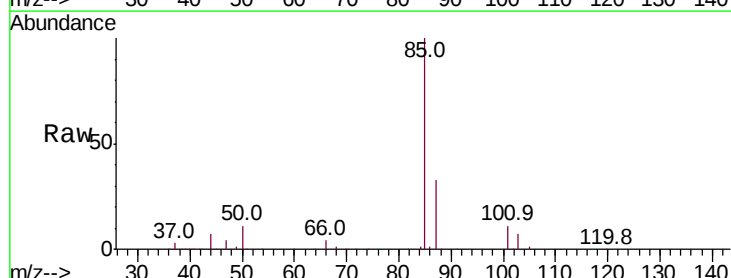
Acq: 17 Jul 2019 11:26

Tgt Ion: 85 Resp: 48299

Ion Ratio Lower Upper

85 100

87 33.2 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

50000

40000

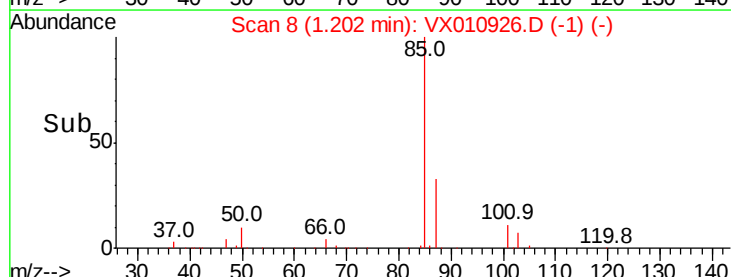
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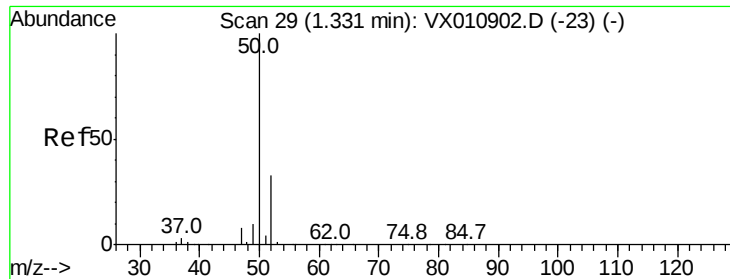
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.005 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 50 Resp: 42617

Ion Ratio Lower Upper

50 100

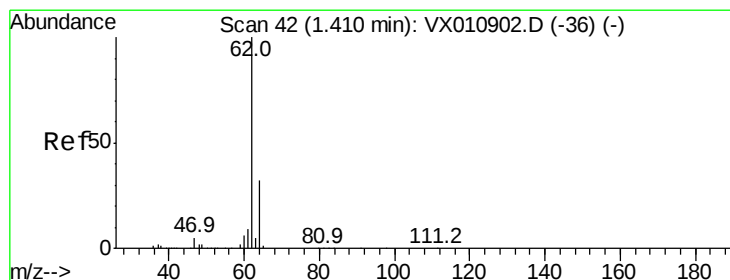
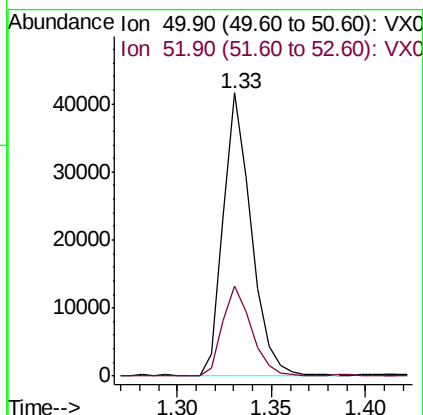
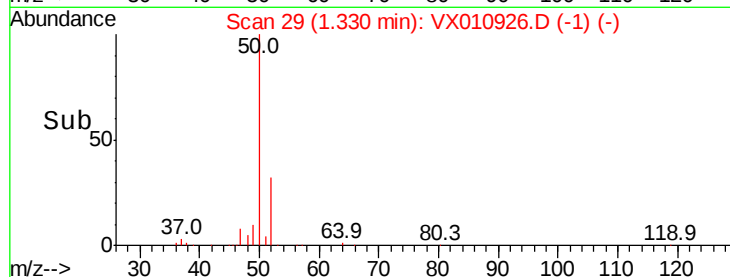
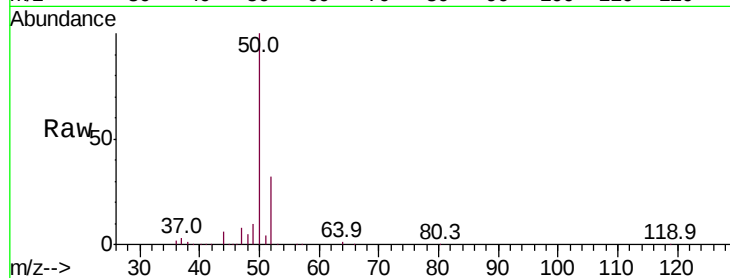
52 32.0 26.4 39.6

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#4

Vinyl Chloride

Concen: 20.127 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010926.D

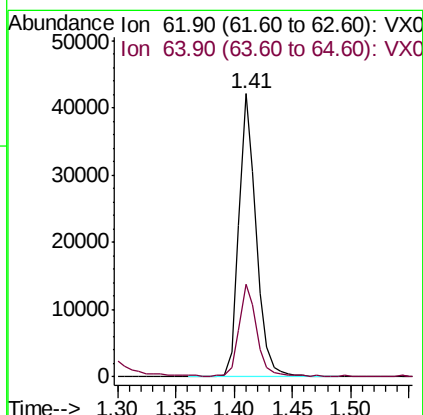
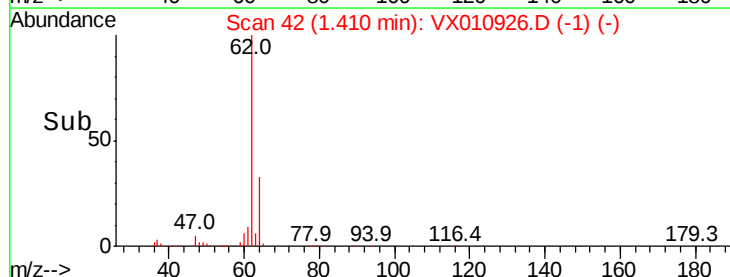
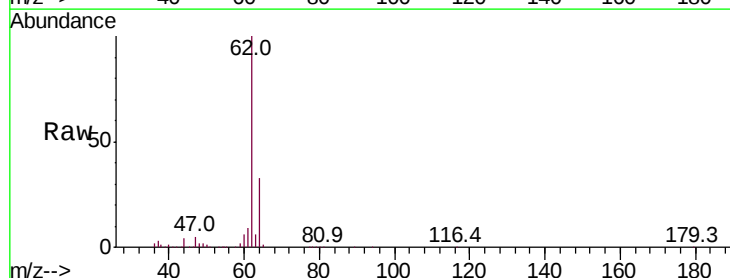
Acq: 17 Jul 2019 11:26

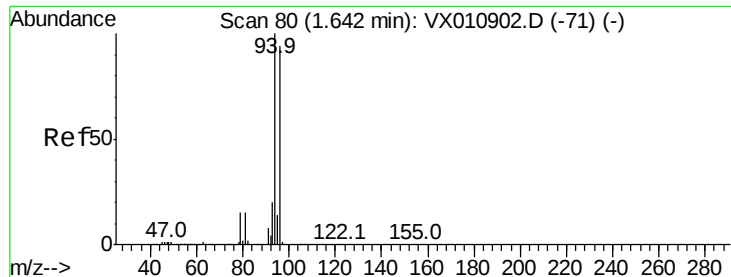
Tgt Ion: 62 Resp: 43734

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 22.539 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 94 Resp: 27598

Ion Ratio Lower Upper

94 100

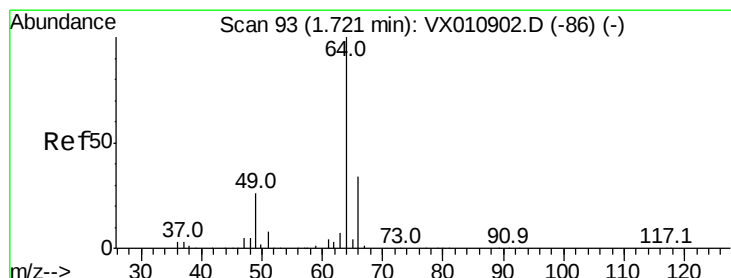
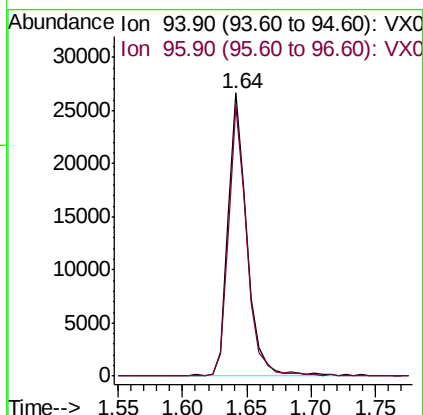
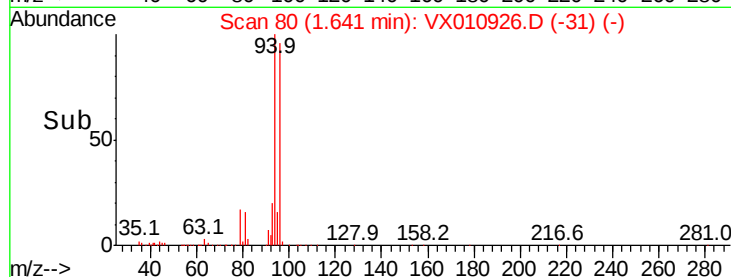
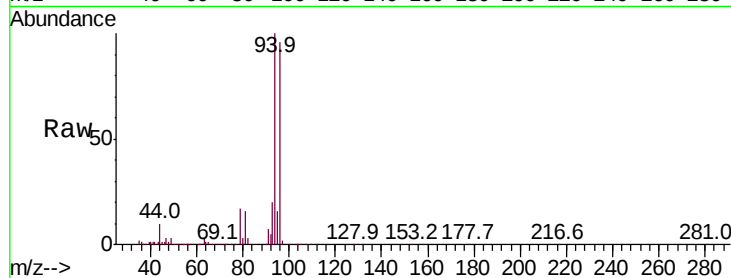
96 95.8 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 20.206 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010926.D

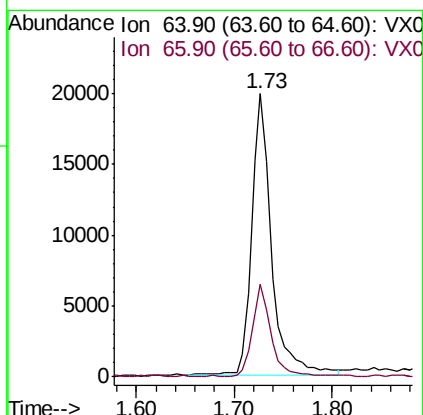
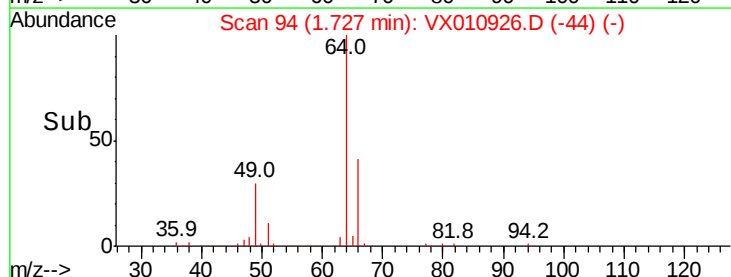
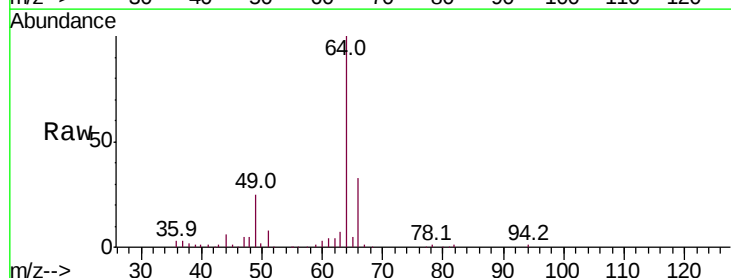
Acq: 17 Jul 2019 11:26

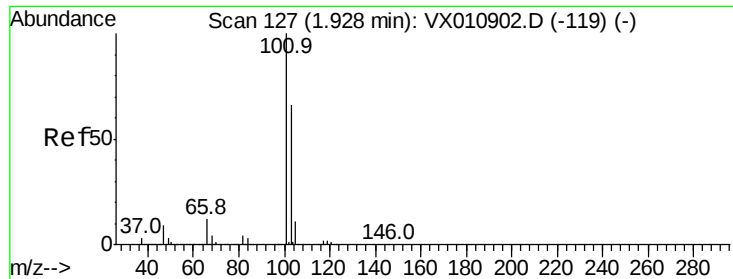
Tgt Ion: 64 Resp: 27901

Ion Ratio Lower Upper

64 100

66 32.4 27.0 40.6





#7

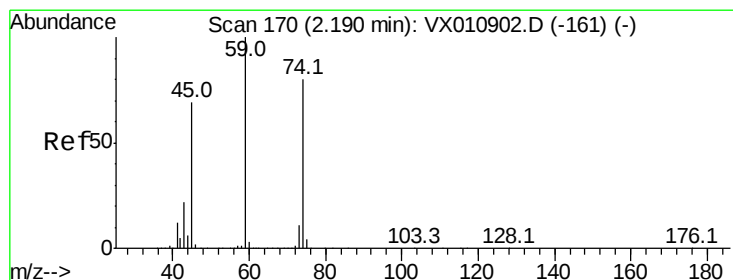
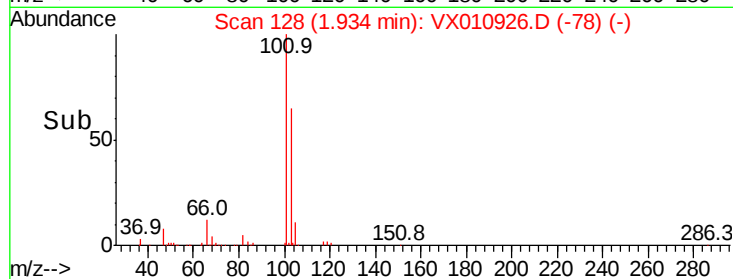
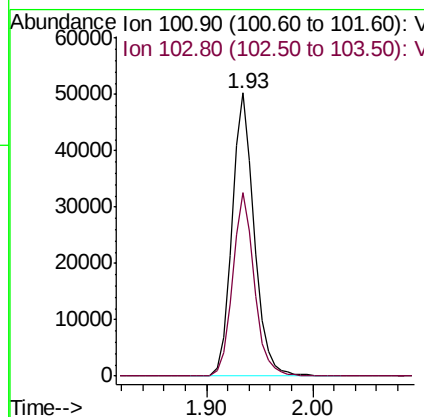
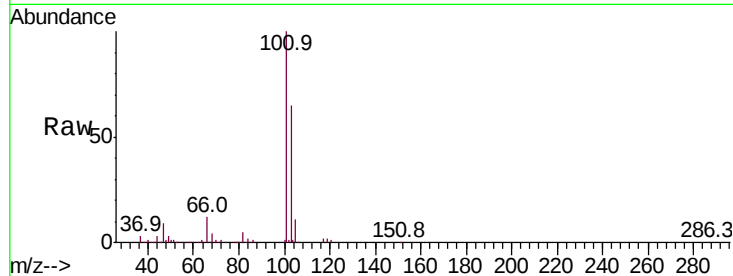
Trichlorofluoromethane
Concen: 19.999 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	78.8

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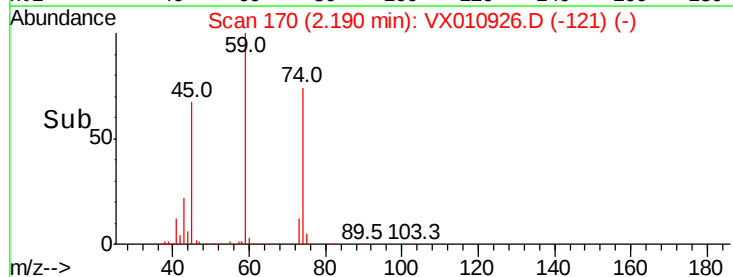
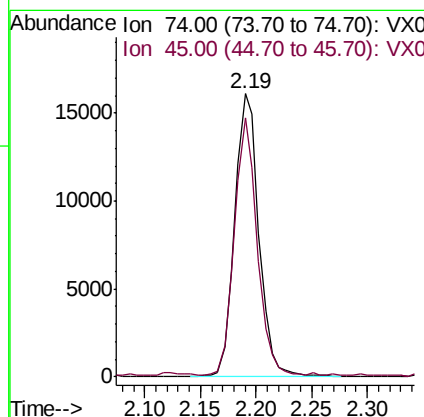
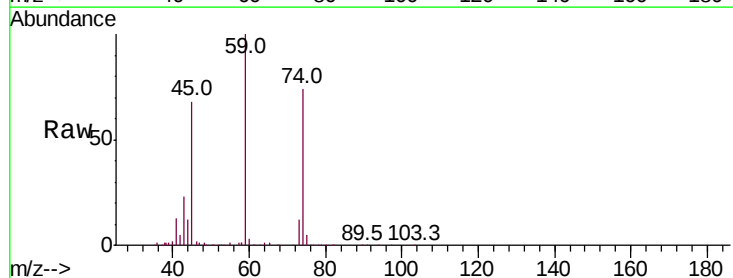
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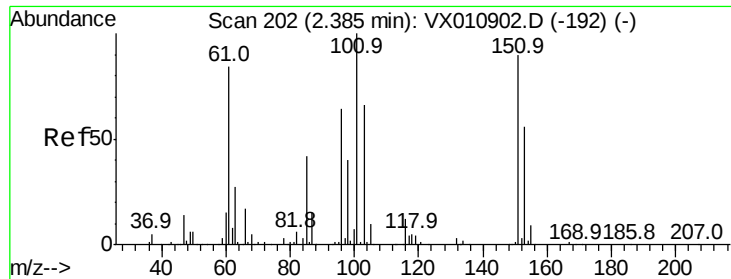


#8

Diethyl Ether
Concen: 19.175 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.2	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.337 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

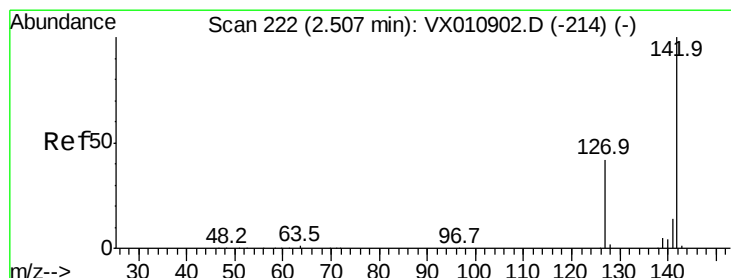
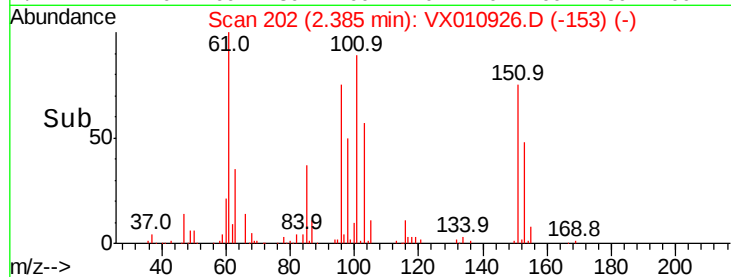
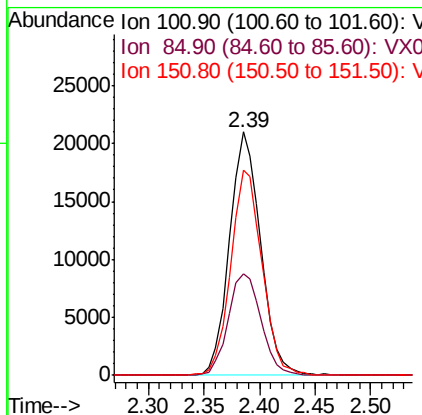
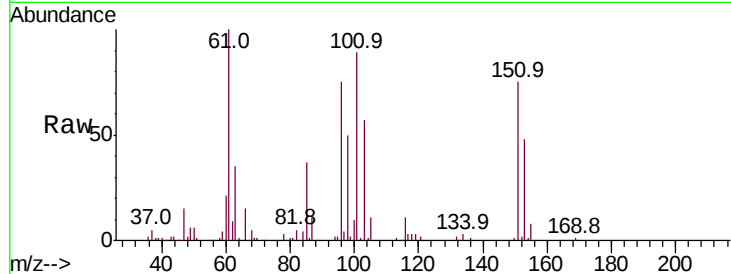
ClientSampled :

VX0717WBS01

Tot Ion:	101	Resp:	40611
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.6	52.0
151	85.0	69.6	104.4

Manual Integrations
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7/22/2019 10:58:07 AM



#10

Methyl Iodide

Concen: 17.197 ug/l

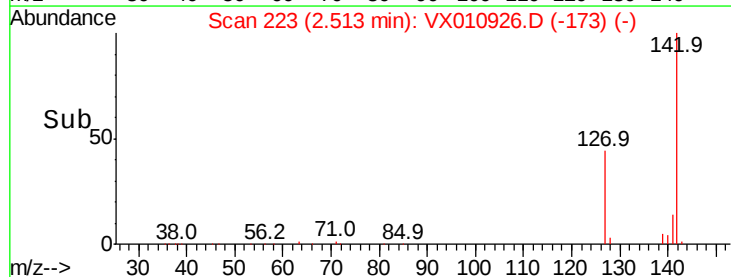
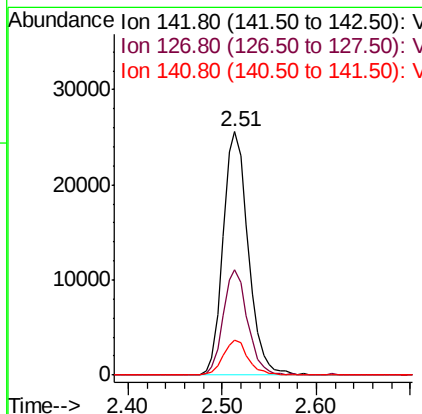
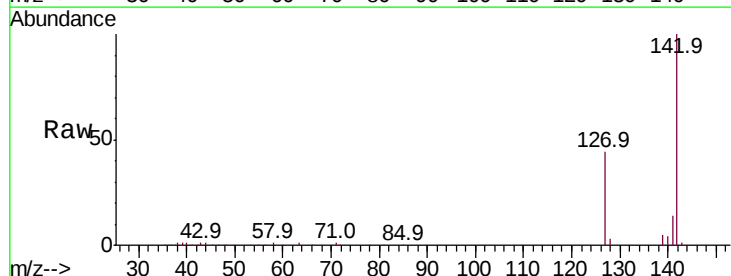
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion:	142	Resp:	47393
Ion Ratio	Lower	Upper	
142	100		
127	42.0	34.2	51.4
141	14.0	11.7	17.5





#11

Tert butyl alcohol

Concen: 86.695 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

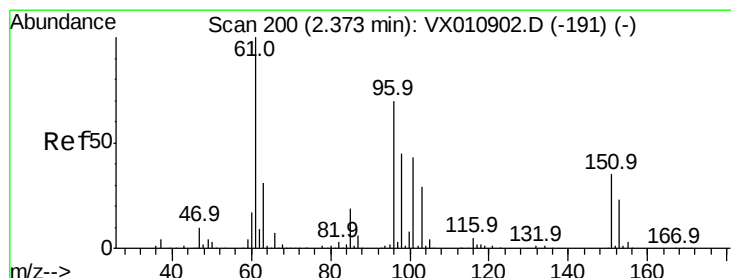
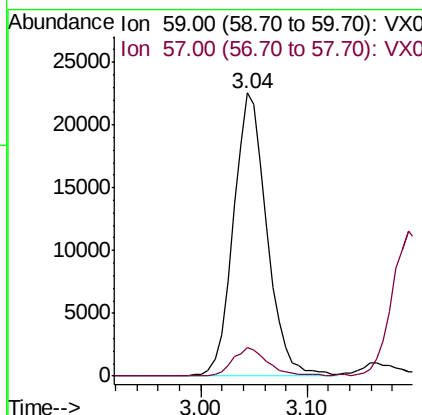
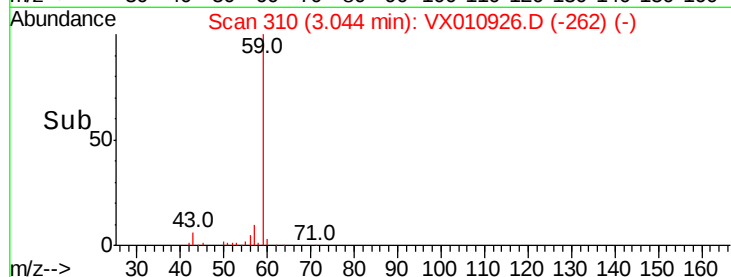
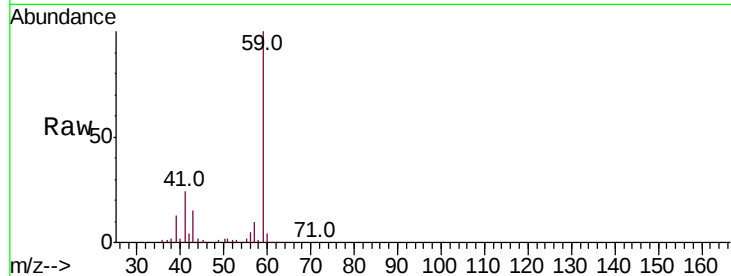
Instrument :
MSVOA_X
ClientSampled :
VX0717WBS01

Tot Ion: 59 Resp: 49758

Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.9	11.9

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#12

1,1-Dichloroethene

Concen: 20.005 ug/l

RT: 2.38 min Scan# 201

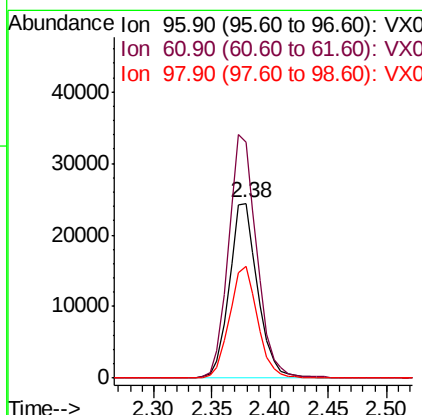
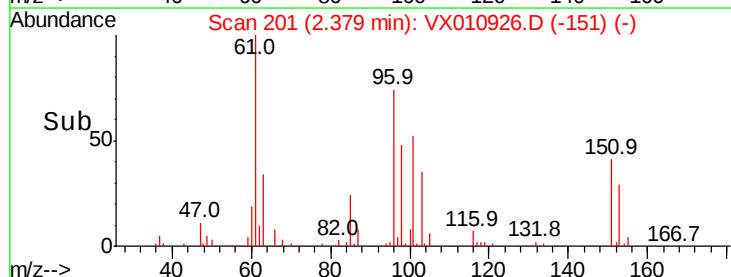
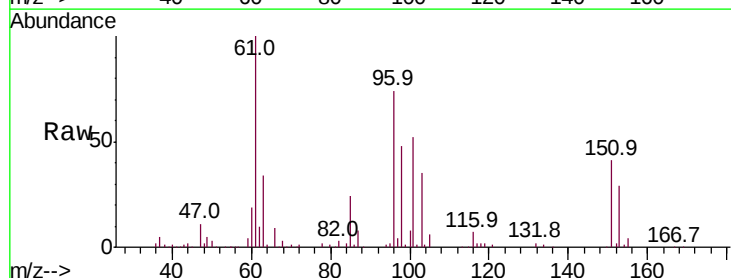
Delta R.T. 0.01 min

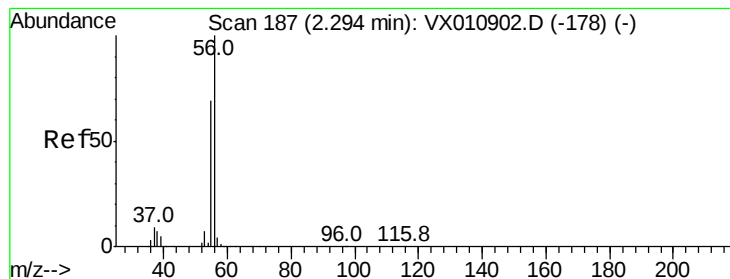
Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion: 96 Resp: 41279

Ion	Ratio	Lower	Upper
96	100		
61	135.0	115.0	172.4
98	64.2	52.2	78.2





#13

Acrolein

Concen: 85.198 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 56 Resp: 28252

Ion Ratio Lower Upper

56 100

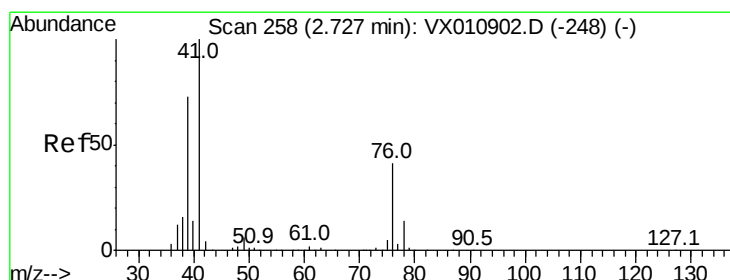
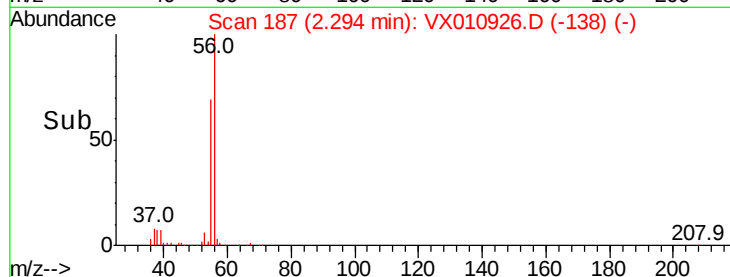
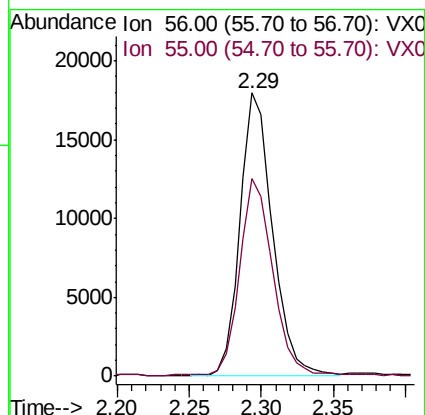
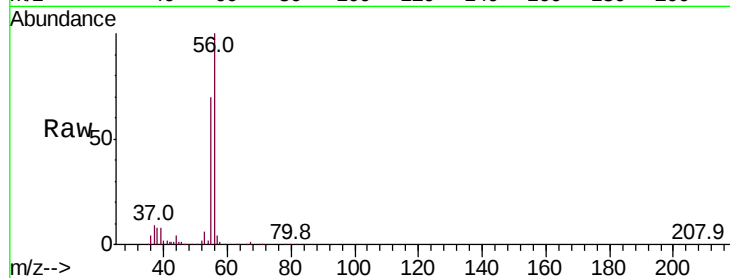
55 72.4 55.9 83.9

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#14

Allyl chloride

Concen: 19.318 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

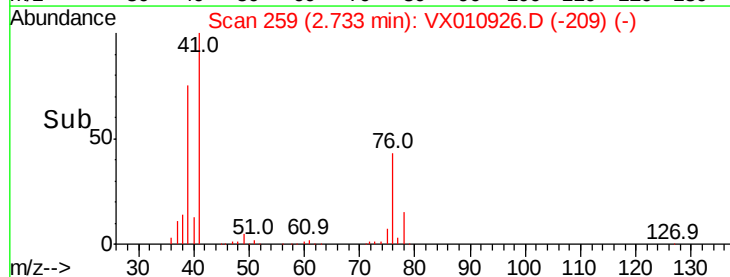
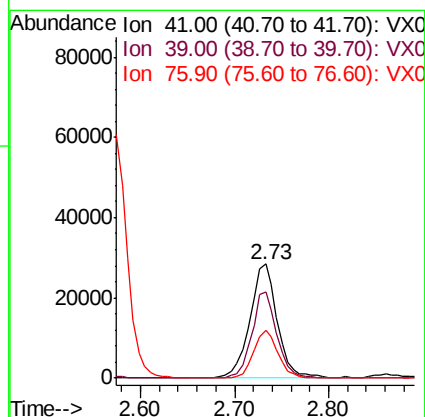
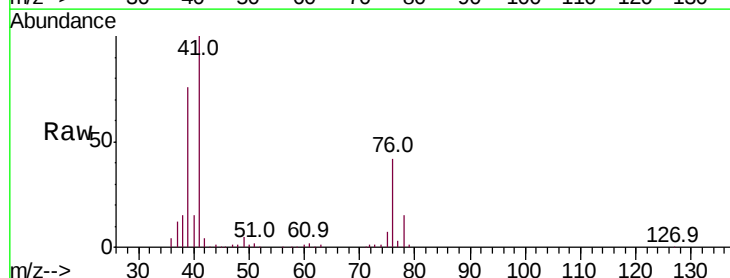
Tgt Ion: 41 Resp: 57900

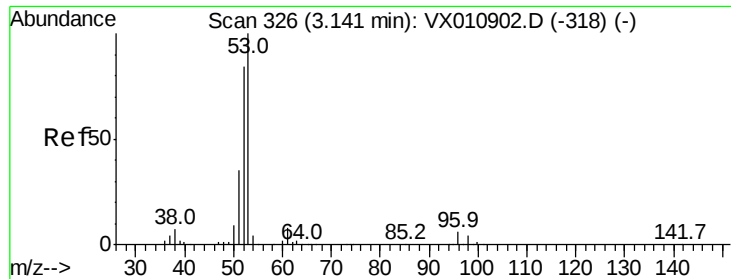
Ion Ratio Lower Upper

41 100

39 68.9 53.6 80.4

76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 97.667 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

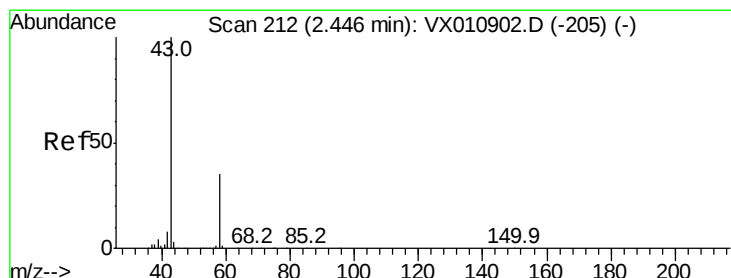
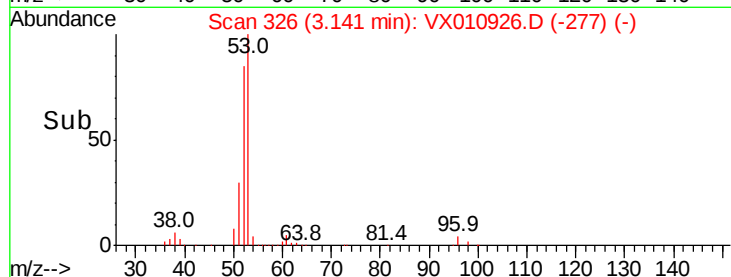
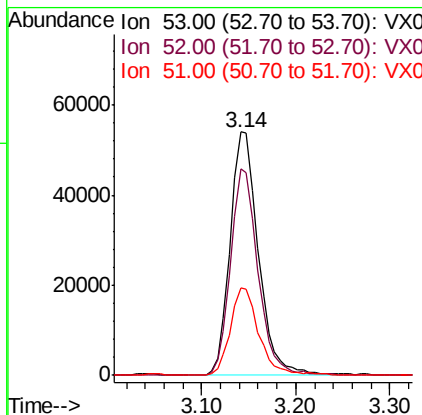
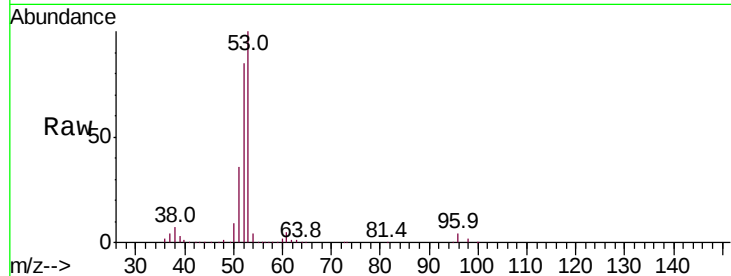
ClientSampleId :

VX0717WBS01

Tot Ion:	53	Resp:	113271
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.5	99.7
51	36.7	28.2	42.4

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#16

Acetone

Concen: 94.310 ug/l

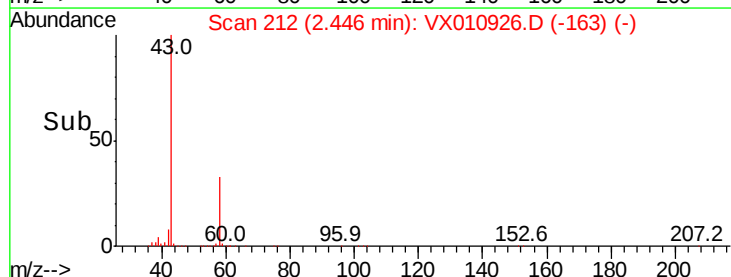
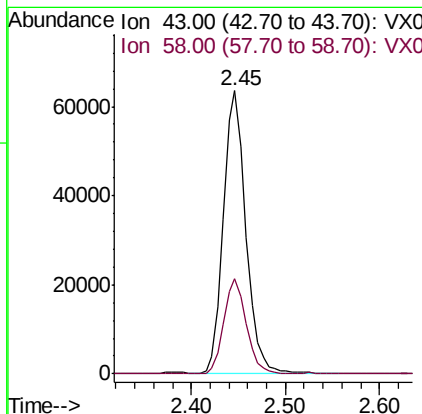
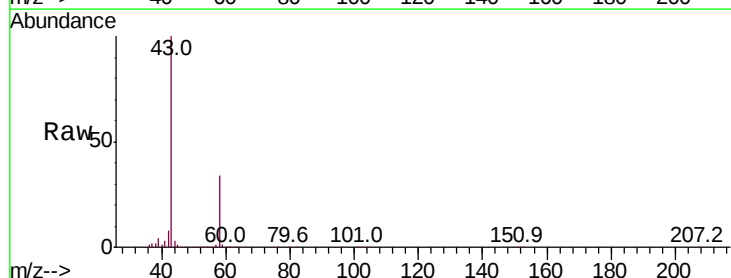
RT: 2.45 min Scan# 212

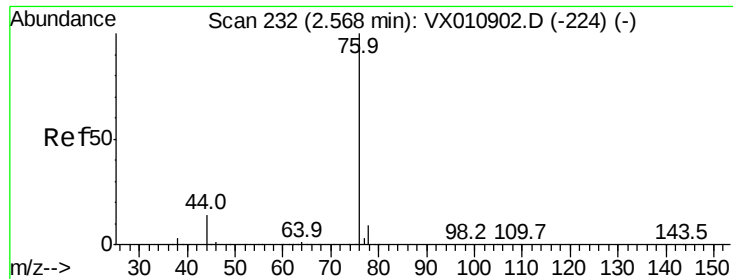
Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion:	43	Resp:	104973
Ion Ratio	Lower	Upper	
43	100		
58	33.5	27.7	41.5





#17

Carbon Disulfide

Concen: 19.168 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 76 Resp: 101454

Ion Ratio Lower Upper

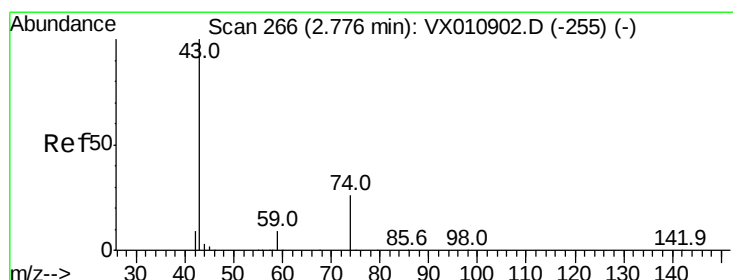
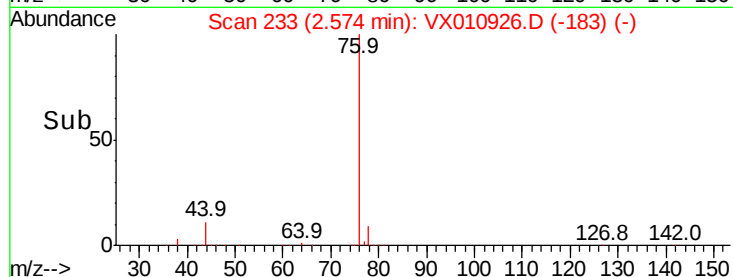
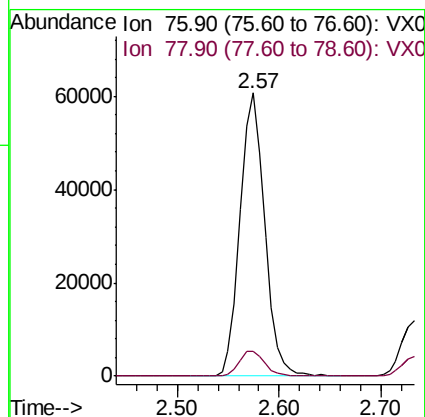
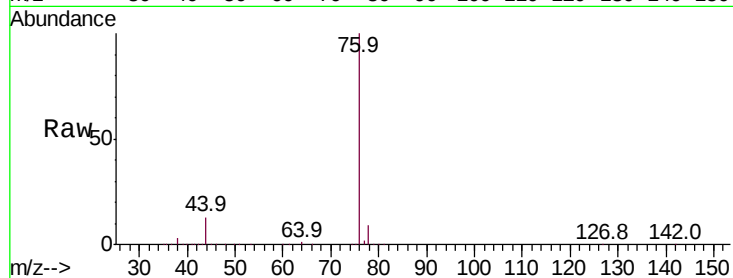
76 100

78 8.9 7.4 11.0

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#18

Methyl Acetate

Concen: 18.647 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010926.D

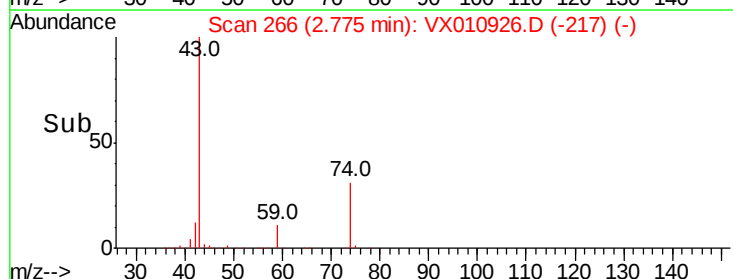
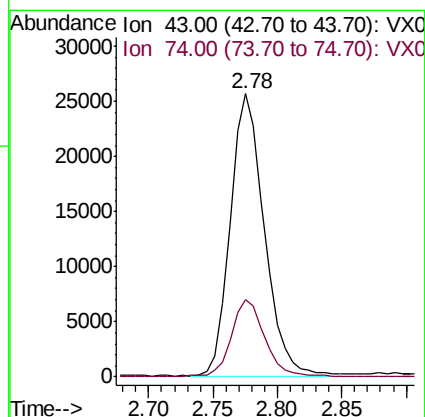
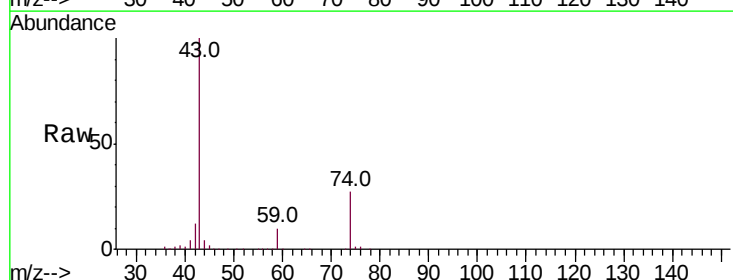
Acq: 17 Jul 2019 11:26

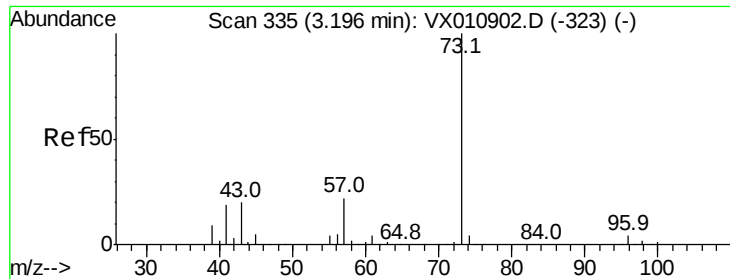
Tgt Ion: 43 Resp: 47260

Ion Ratio Lower Upper

43 100

74 27.3 21.5 32.3





#19

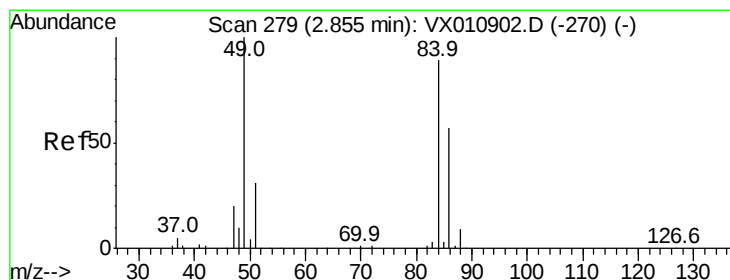
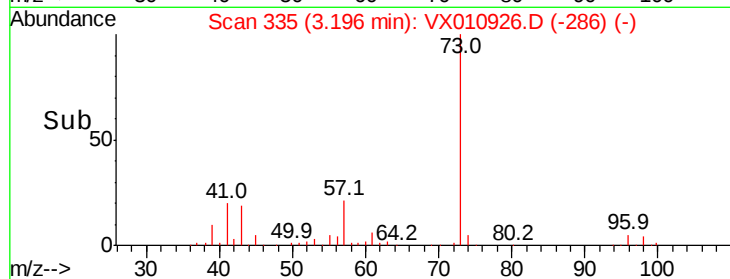
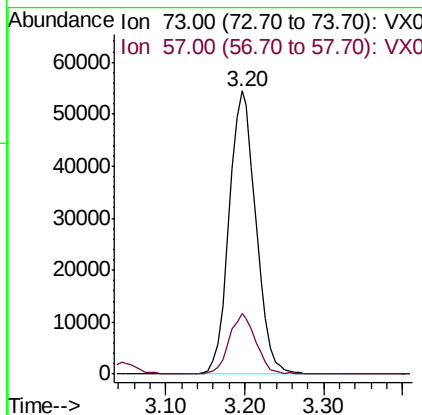
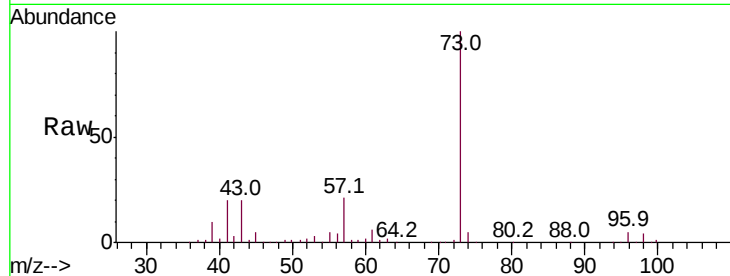
Methyl tert-butyl Ether
 Concen: 19.360 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.3	25.9

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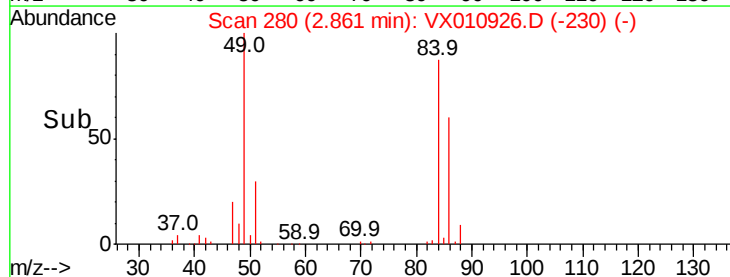
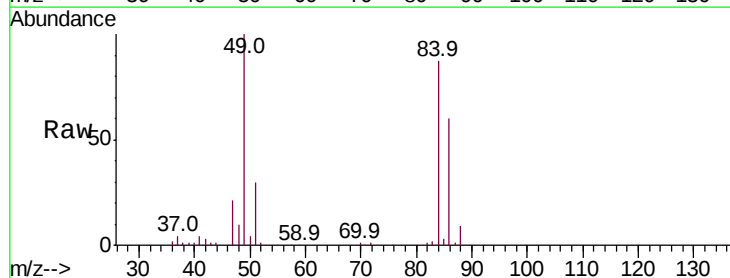
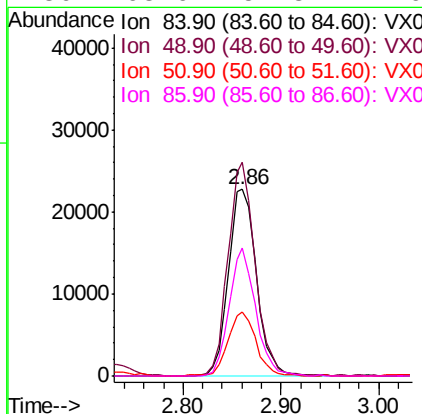
MMDadoda
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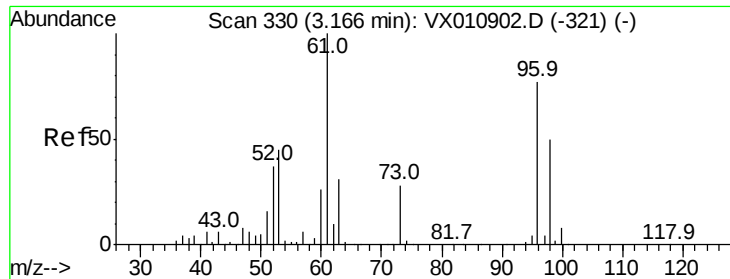


#20

Methylene Chloride
 Concen: 19.226 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.4	89.9	134.9
51	34.2	27.8	41.6
86	68.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 19.382 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 96 Resp: 42434

Ion Ratio Lower Upper

96 100

61 126.9 104.2 156.2

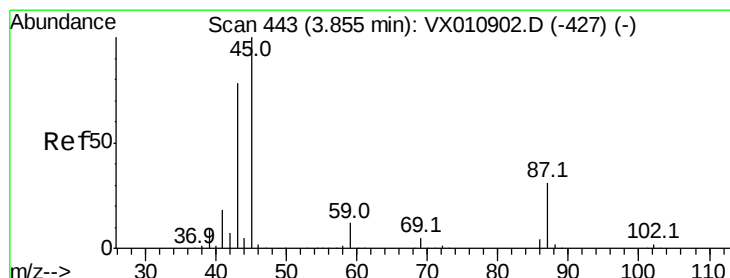
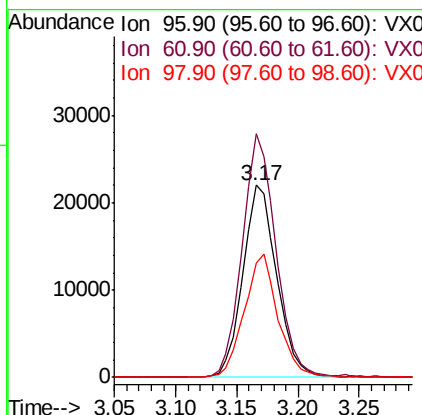
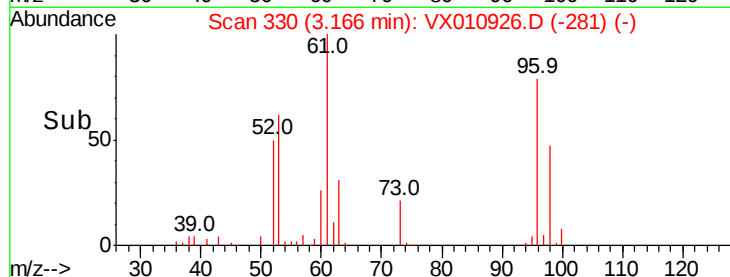
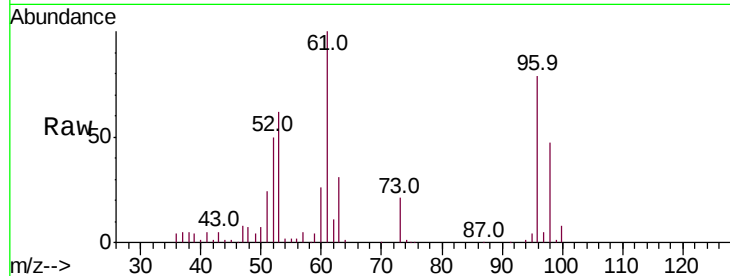
98 59.8 52.2 78.4

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#22

Diisopropyl ether

Concen: 19.190 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion: 45 Resp: 121302

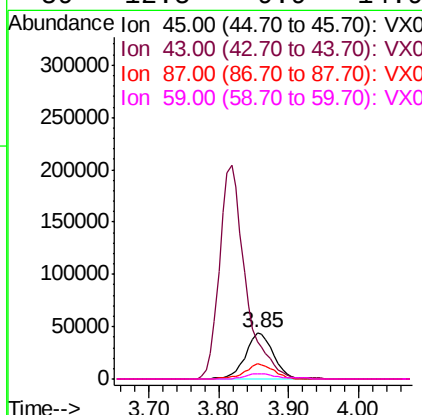
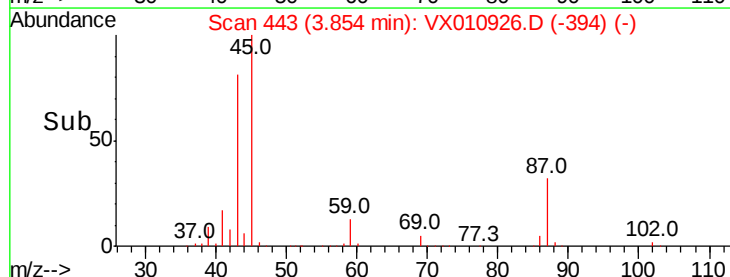
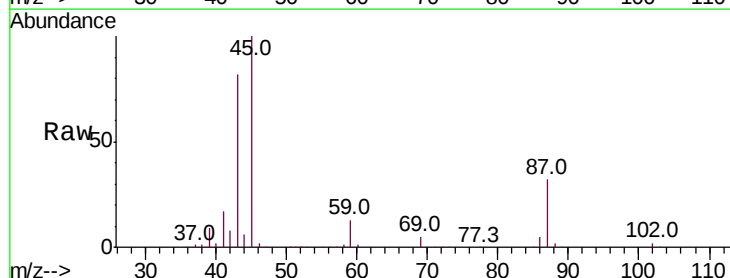
Ion Ratio Lower Upper

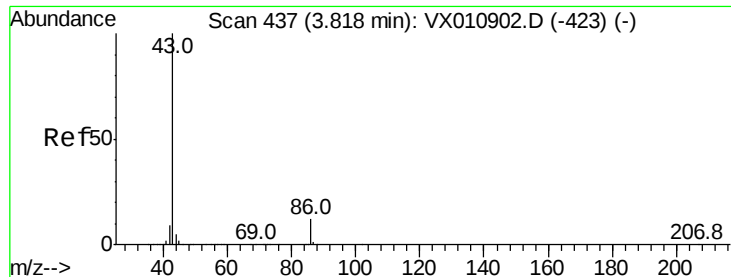
45 100

43 81.4 62.3 93.5

87 32.3 25.0 37.4

59 12.5 9.9 14.9





#23

Vinyl Acetate

Concen: 98.882 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0717WBS01

Tot Ion: 43 Resp: 529602

Ion Ratio Lower Upper

43 100

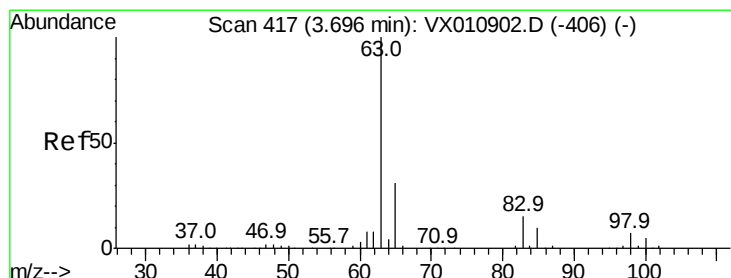
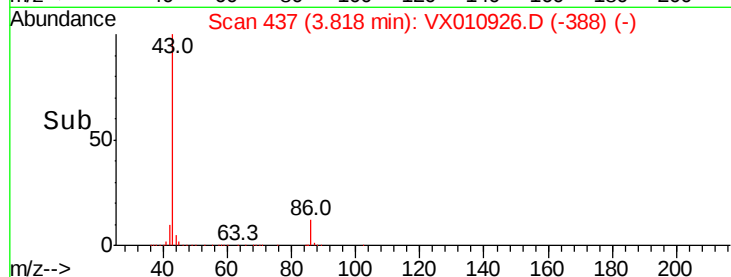
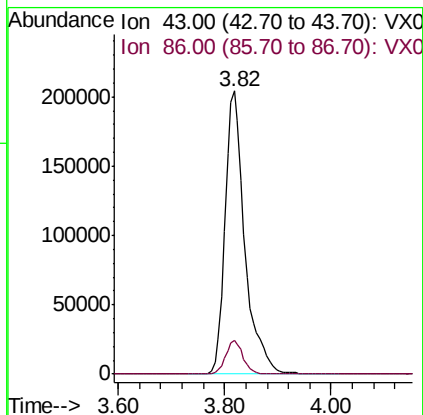
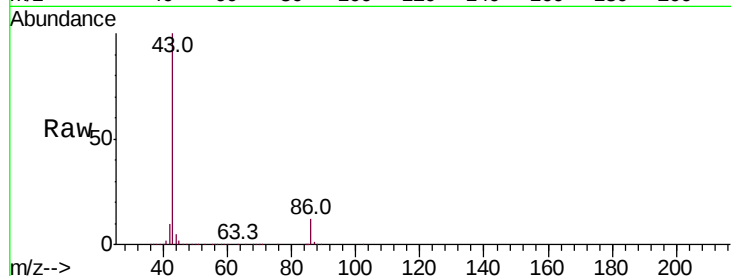
86 11.9 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.103 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

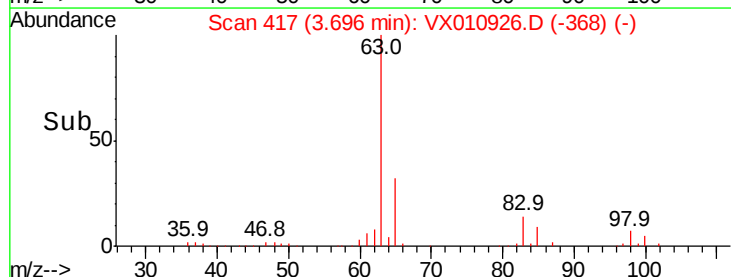
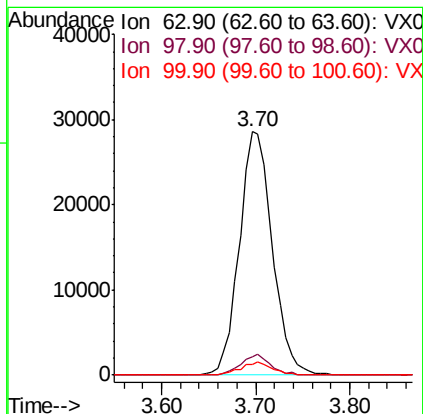
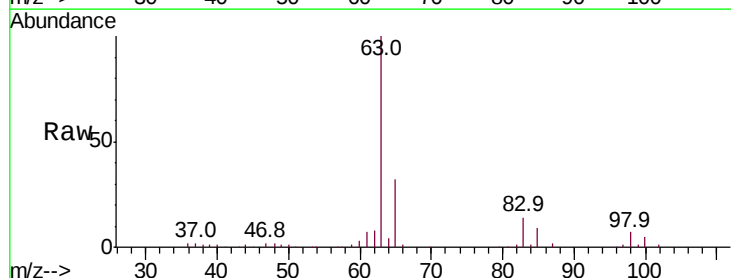
Tgt Ion: 63 Resp: 70129

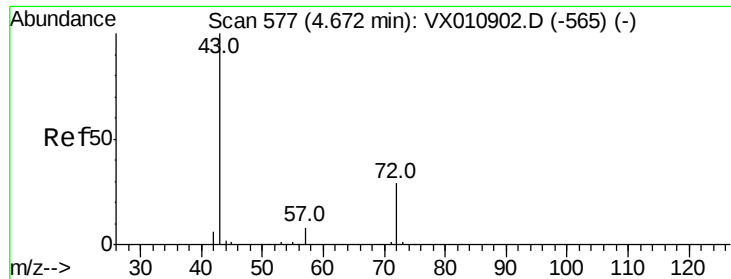
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 98.421 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 43 Resp: 157256

Ion Ratio Lower Upper

43 100

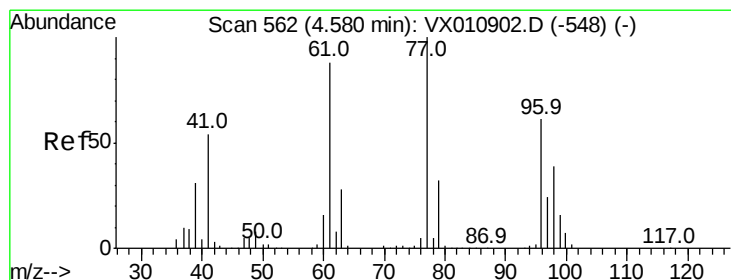
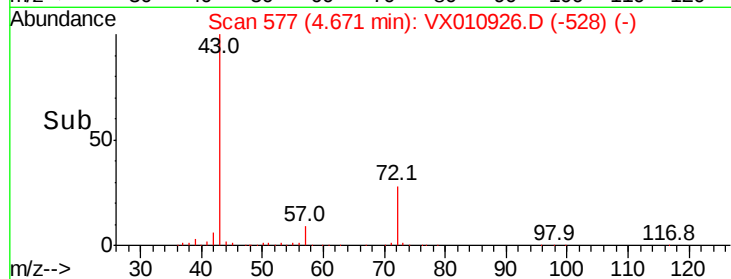
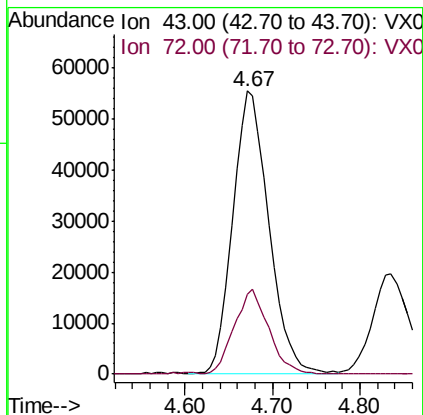
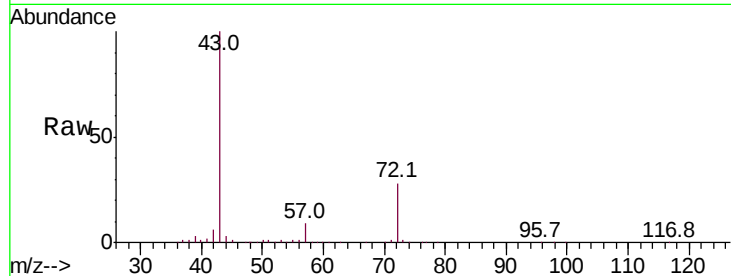
72 28.2 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.654 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010926.D

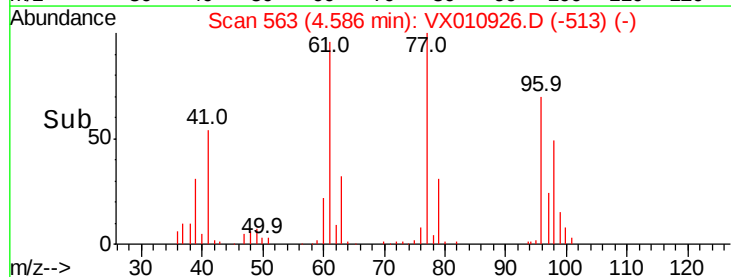
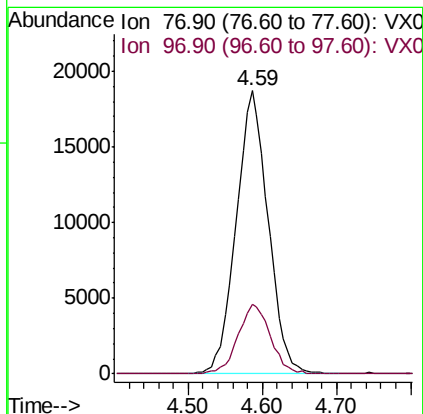
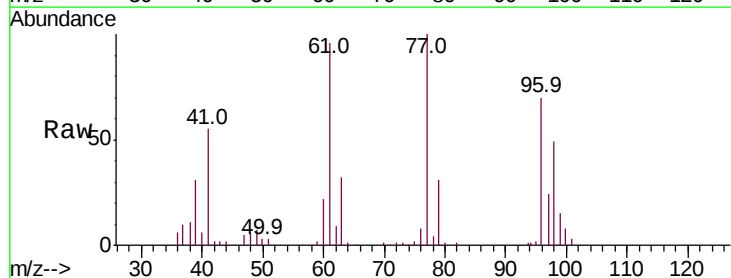
Acq: 17 Jul 2019 11:26

Tgt Ion: 77 Resp: 56229

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.6





#27

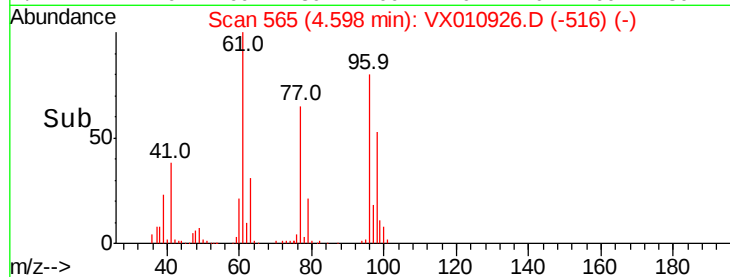
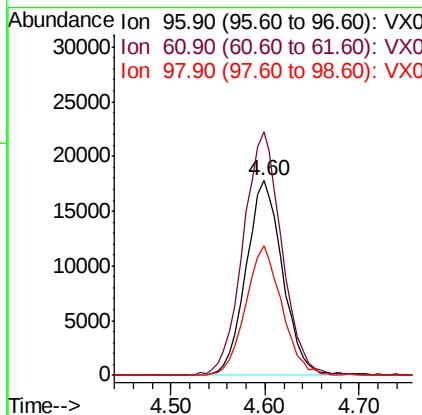
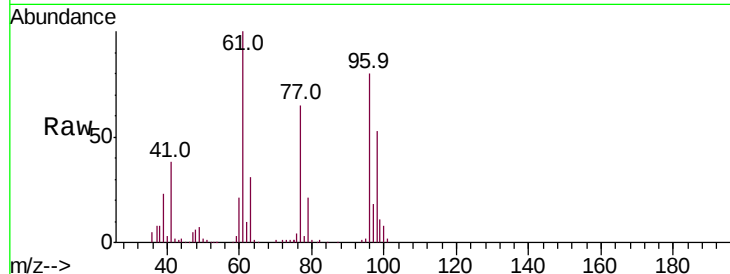
cis-1,2-Dichloroethene
Concen: 19.106 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48410		
61	132.4	0.0	269.0	
98	65.8	0.0	131.4	

Manual Integrations
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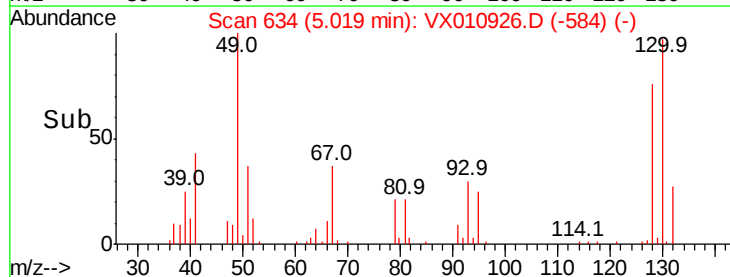
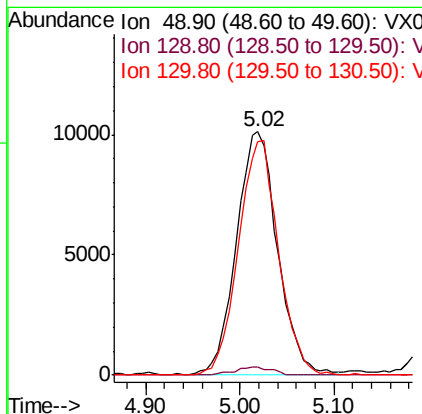
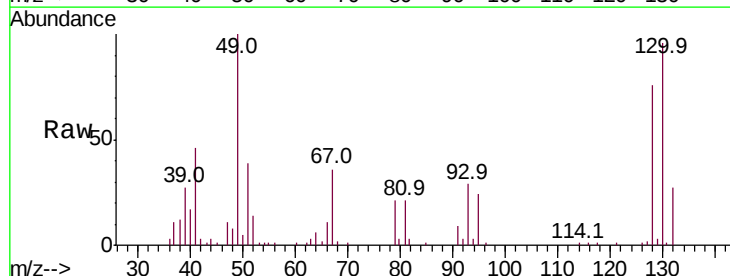
MMDadoda
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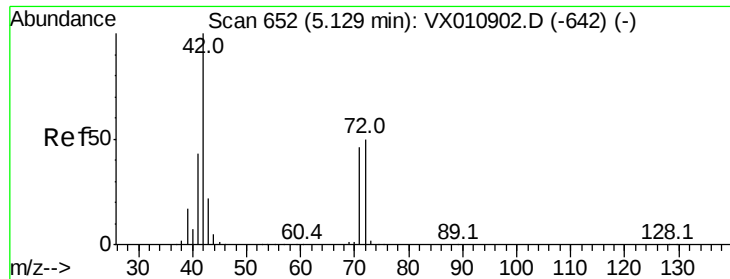


#28

Bromochloromethane
Concen: 17.903 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30971		
129	3.0	0.0	5.2	
130	93.8	76.9	115.3	





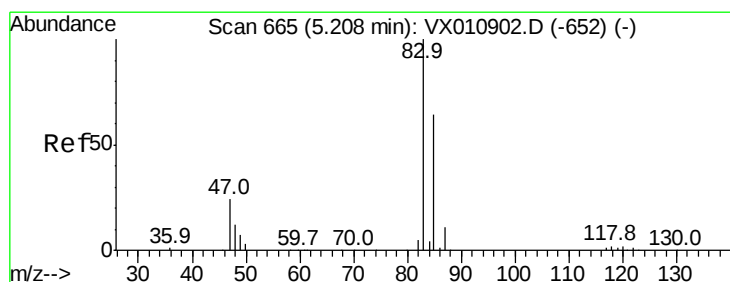
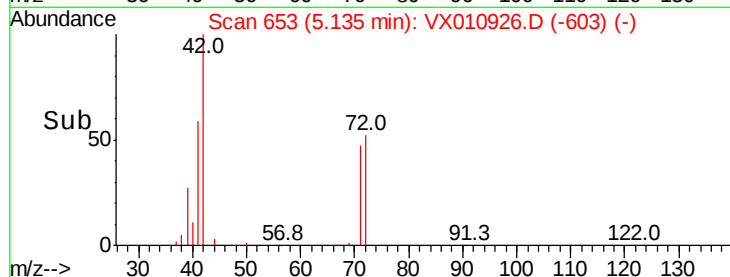
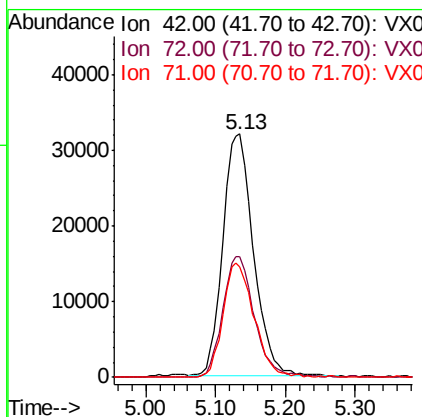
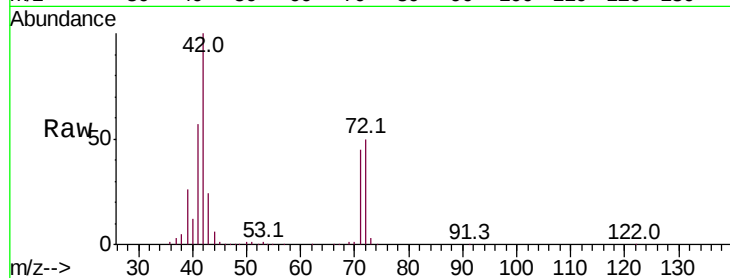
#29
Tetrahydrofuran
Concen: 96.572 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	39.8	59.8
71	47.6	37.0	55.4

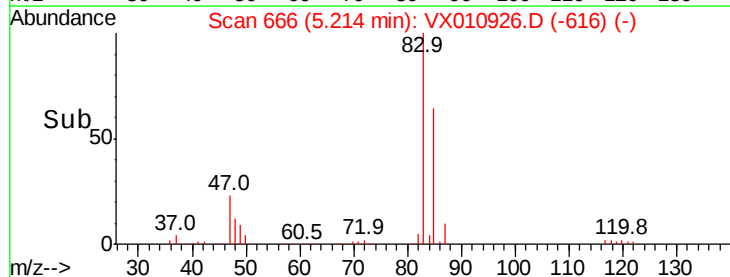
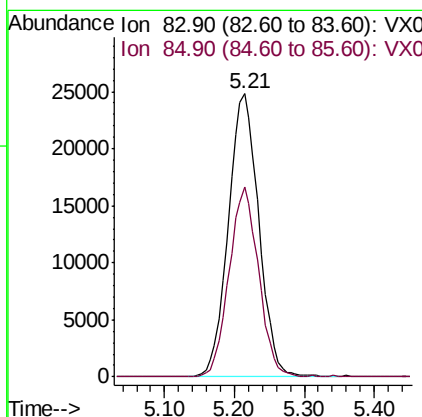
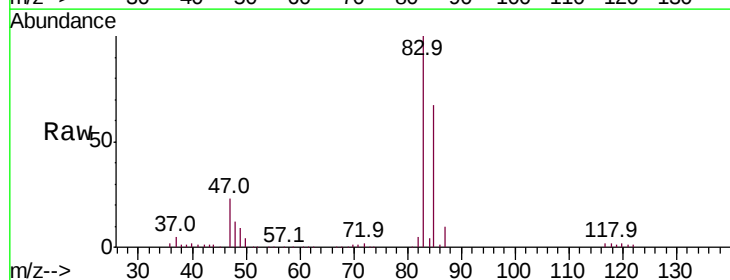
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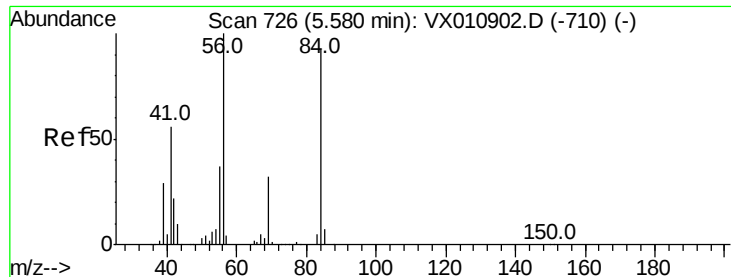
MMDadoda
7/22/2019 10:58:07 AM



#30
Chloroform
Concen: 18.907 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.4	77.0





#31

Cyclohexane

Concen: 19.618 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 56 Resp: 65643

Ion Ratio Lower Upper

56 100

69 31.4 25.8 38.8

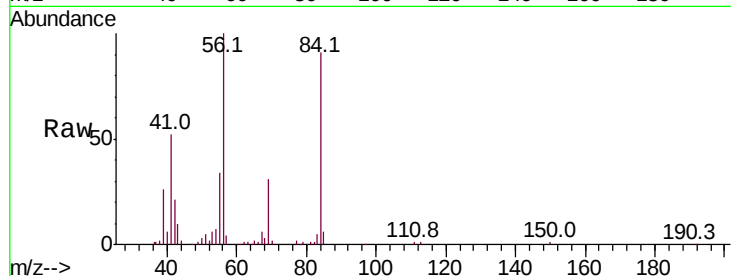
84 89.2 73.8 110.6

Manual Integrations

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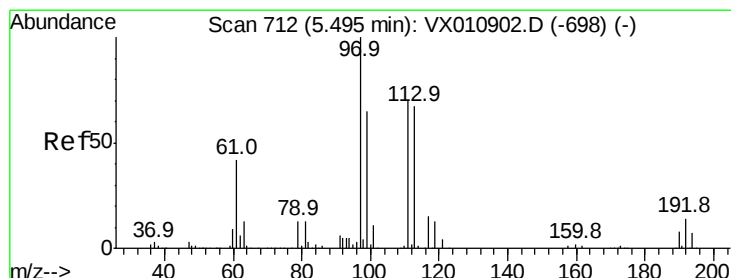
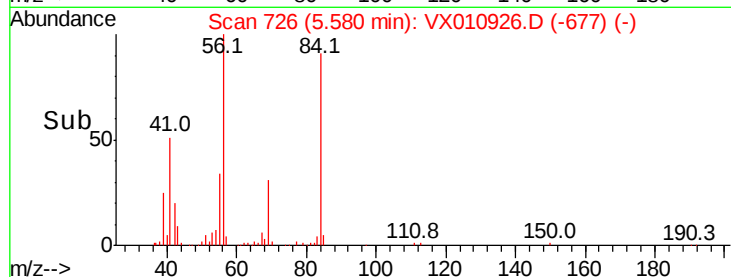
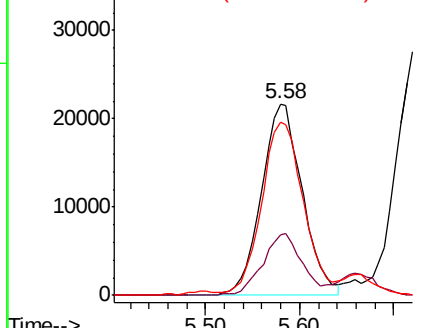
7/22/2019 10:58:07 AM



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: 18.942 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

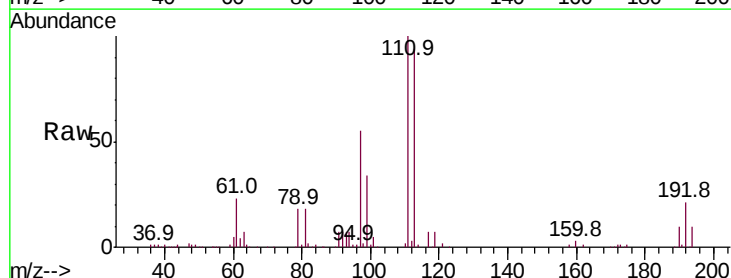
Tgt Ion: 97 Resp: 65026

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

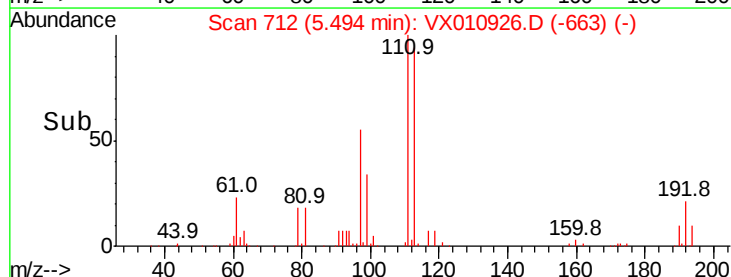
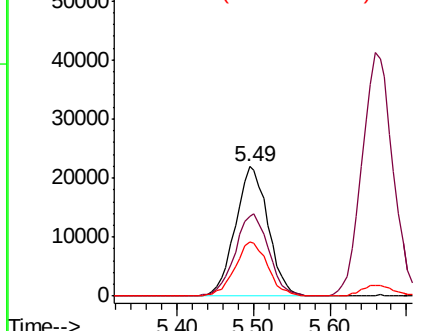
61 41.0 33.0 49.6

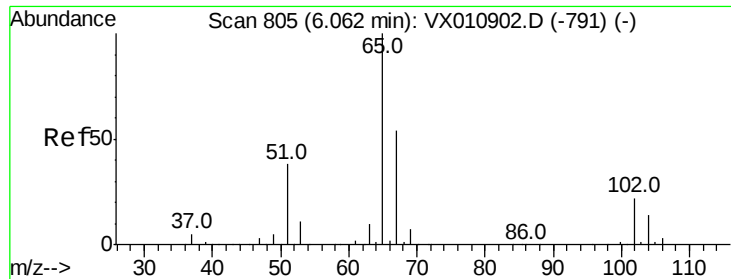


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





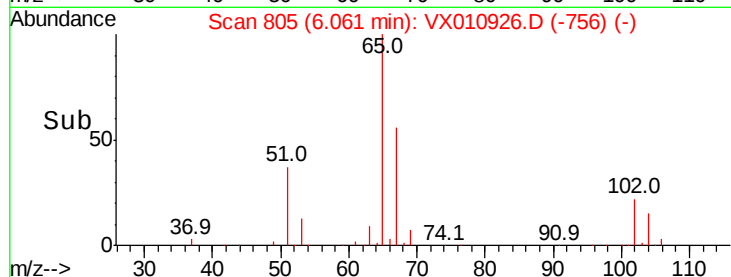
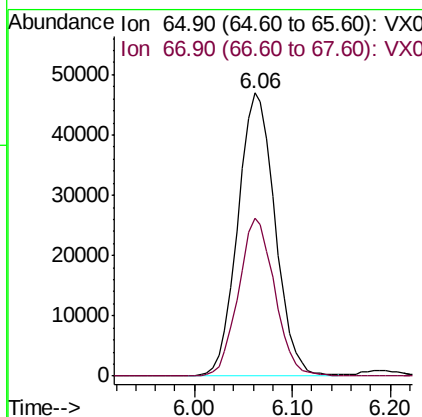
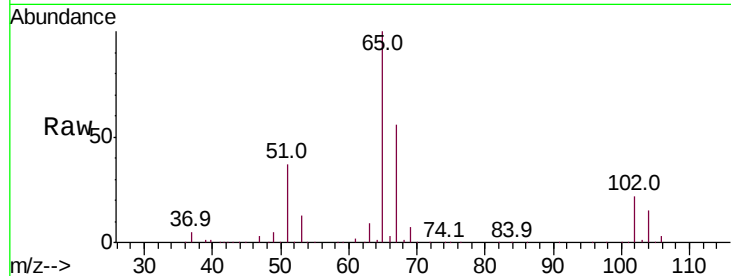
#33
 1,2-Dichloroethane-d4
 Concen: 50.416 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0717WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.8

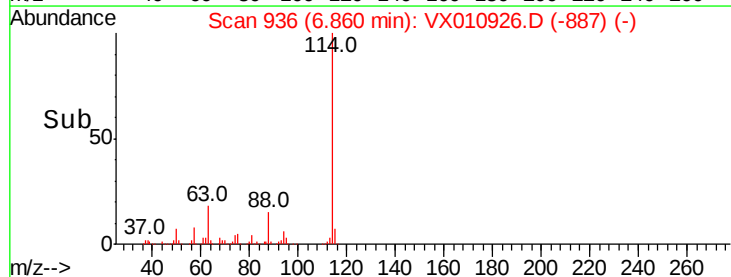
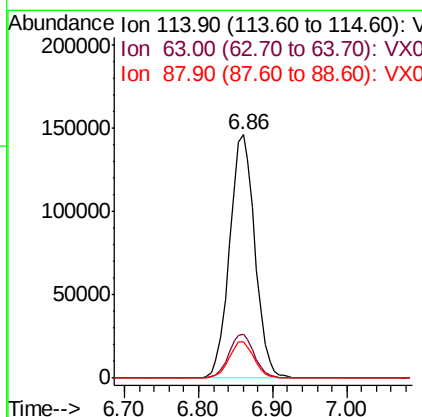
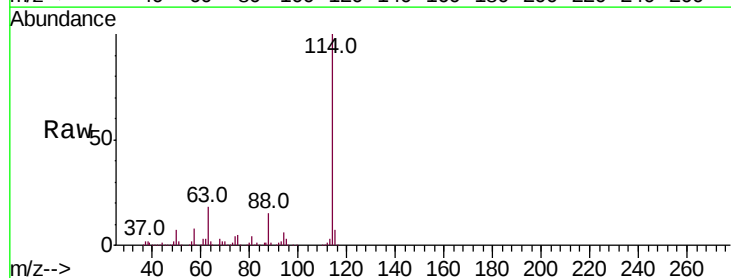
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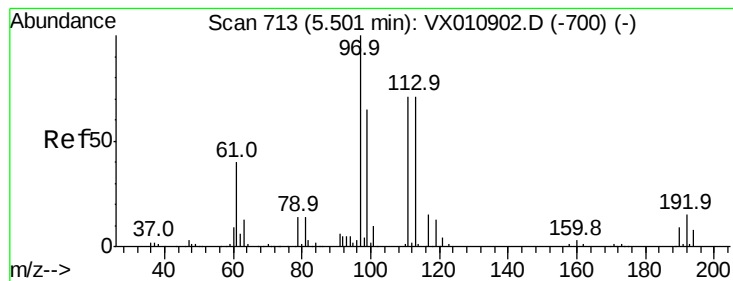
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	14.9	0.0	29.8





#35

Dibromofluoromethane

Concen: 51.530 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

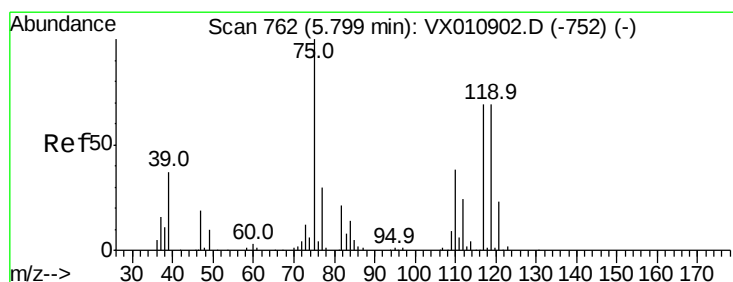
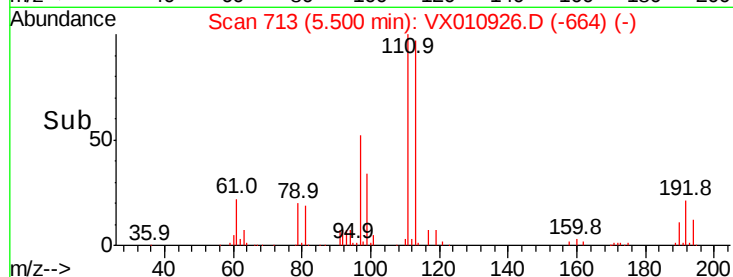
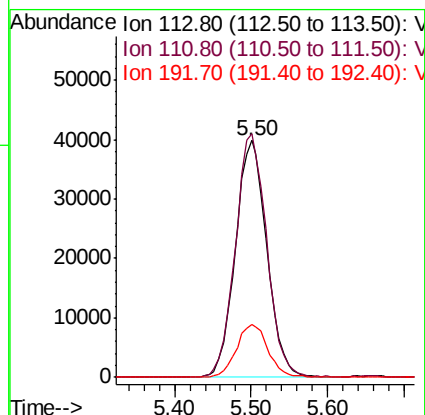
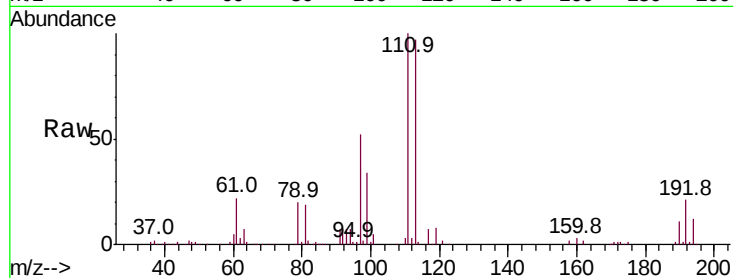
ClientSampled :

VX0717WBS01

Tot Ion:	113	Resp:	113319
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.3	123.5
192	22.4	17.4	26.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.112 ug/l

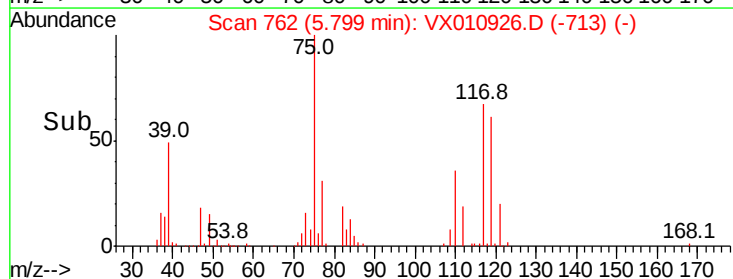
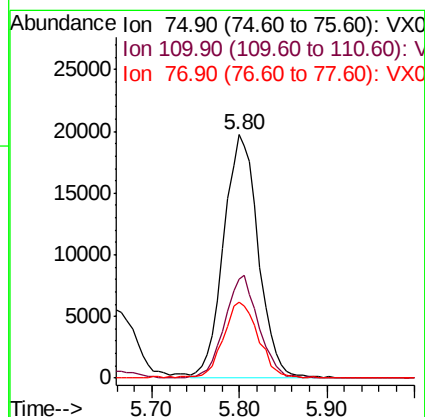
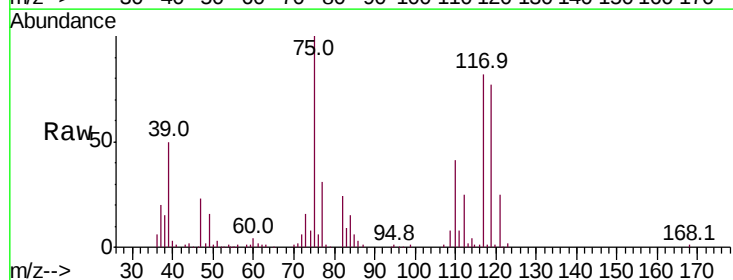
RT: 5.80 min Scan# 762

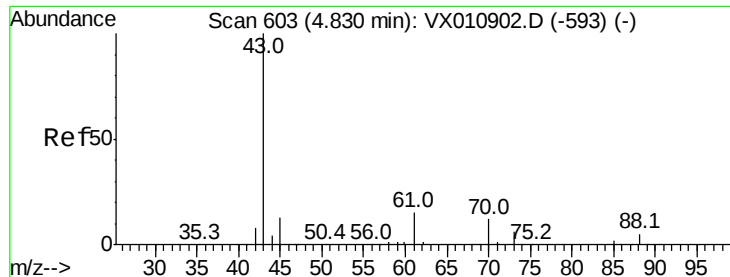
Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion:	75	Resp:	54392
Ion Ratio	Lower	Upper	
75	100		
110	41.0	19.9	59.7
77	31.7	25.0	37.4





#37

Ethyl Acetate

Concen: 19.634 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

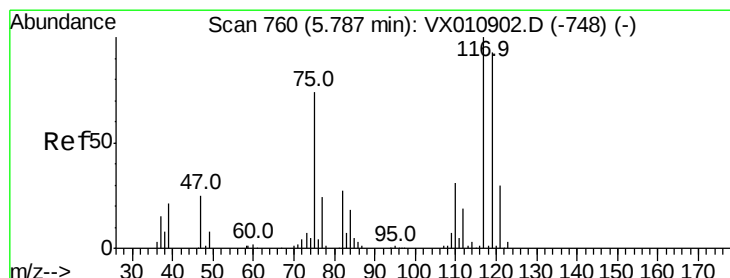
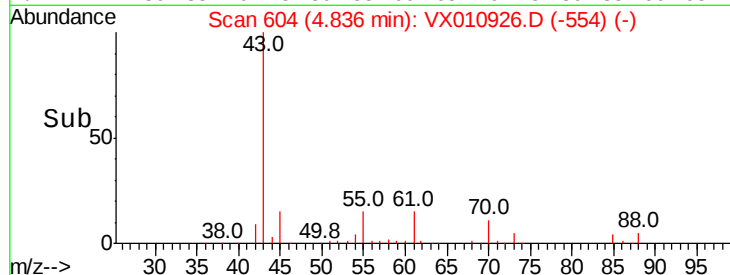
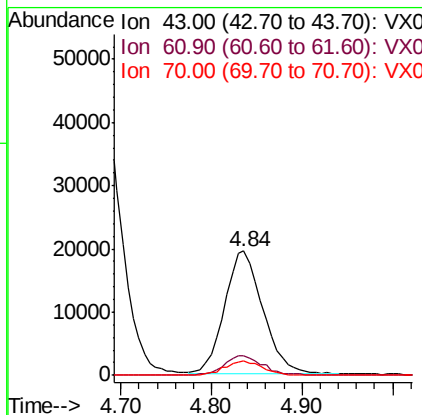
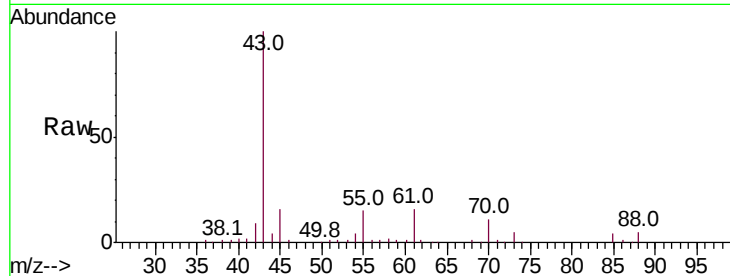
ClientSampled :

VX0717WBS01

Tot Ion:	43	Resp:	57216
Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.6	17.4
70	11.7	9.1	13.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.128 ug/l

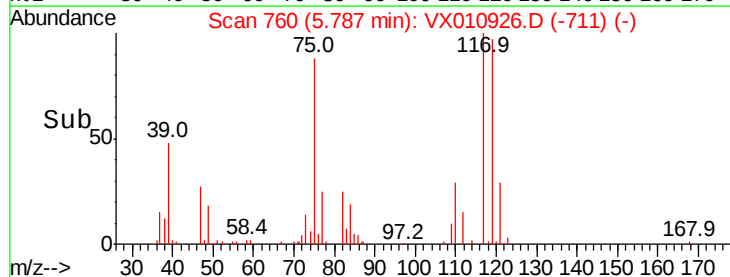
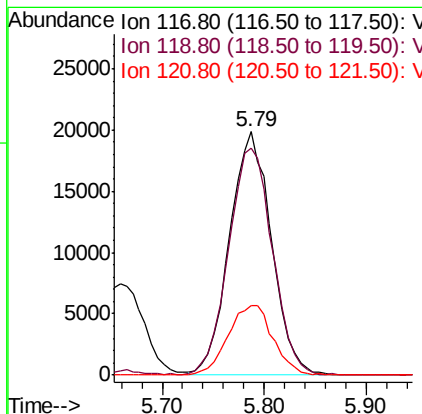
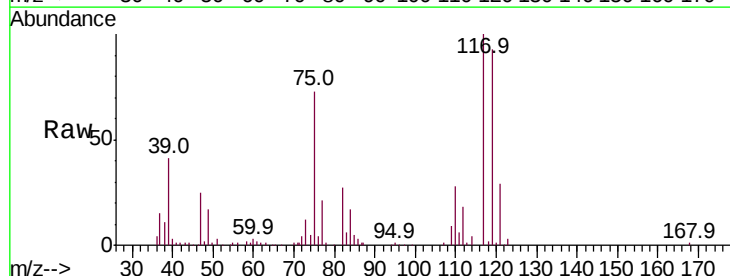
RT: 5.79 min Scan# 760

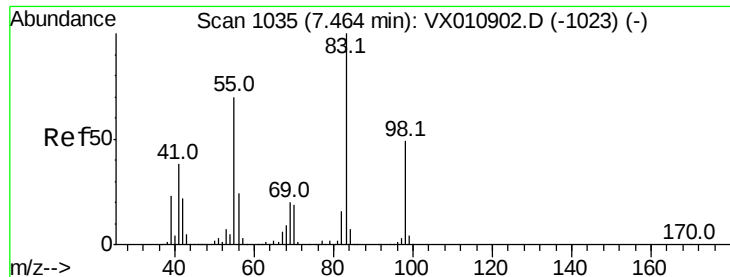
Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion:	117	Resp:	56725
Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.2	111.2
121	28.6	24.2	36.2





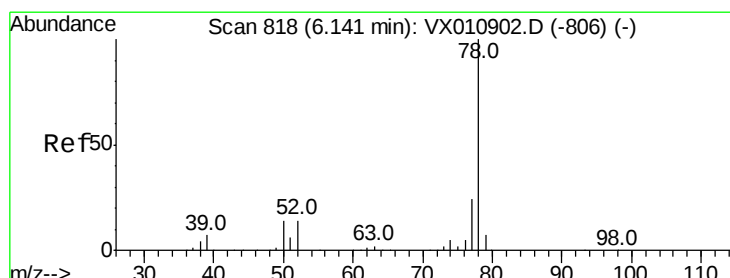
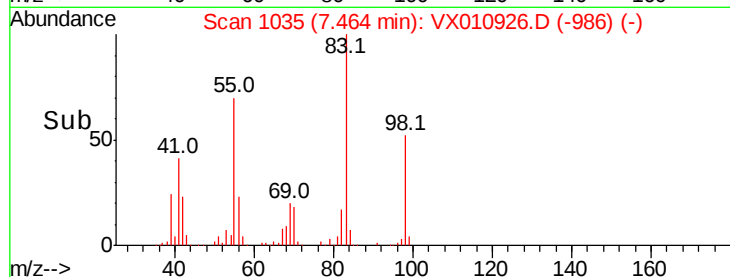
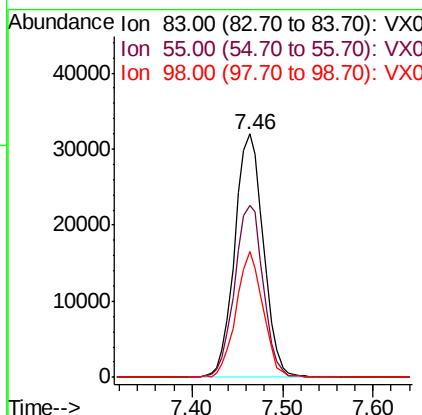
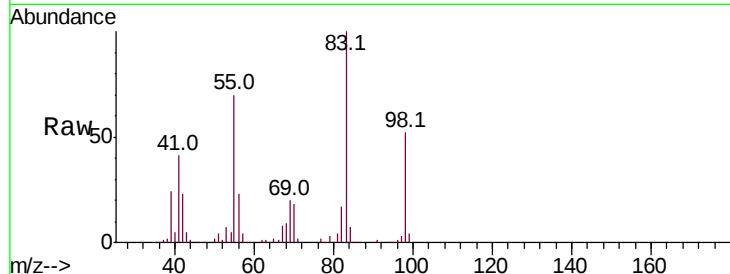
#39
Methvlcvclohexane
Concen: 18.986 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	56.2	84.4
98	51.8	39.0	58.4

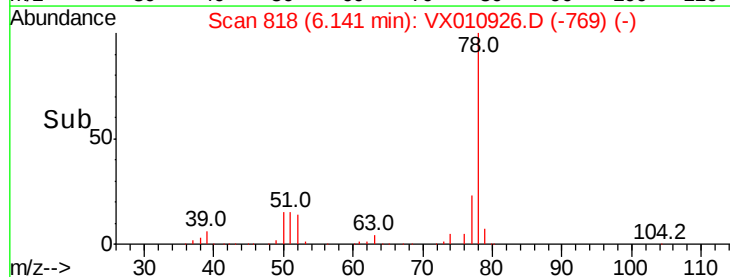
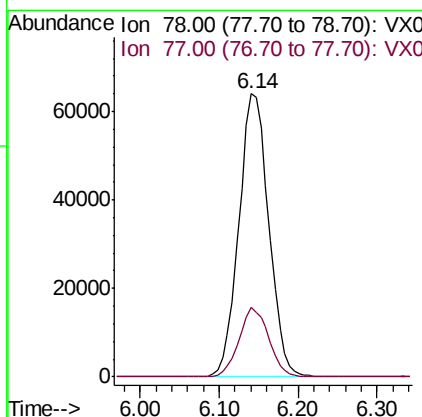
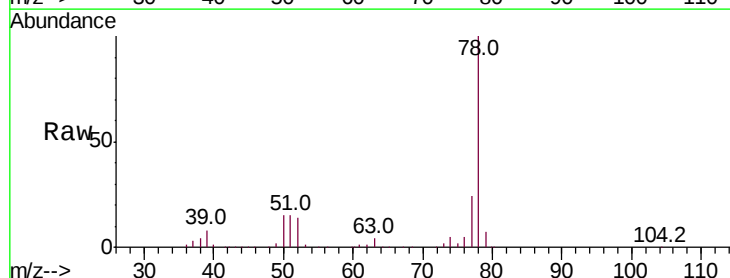
Manual Integrations
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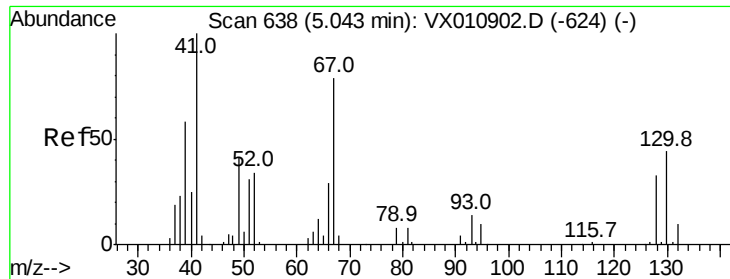
MMDadoda
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#40
Benzene
Concen: 19.412 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





#41

Methacrylonitrile

Concen: 19.047 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

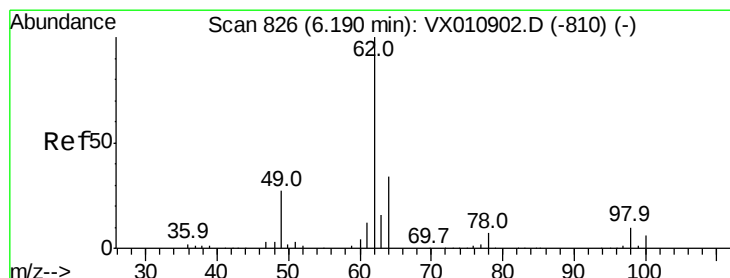
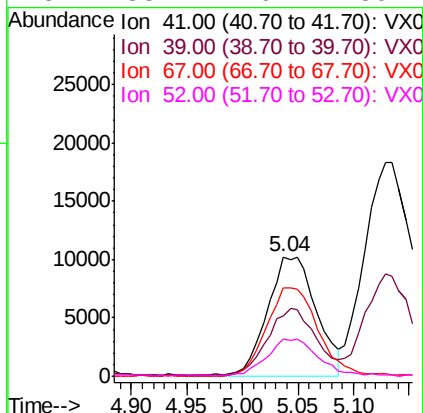
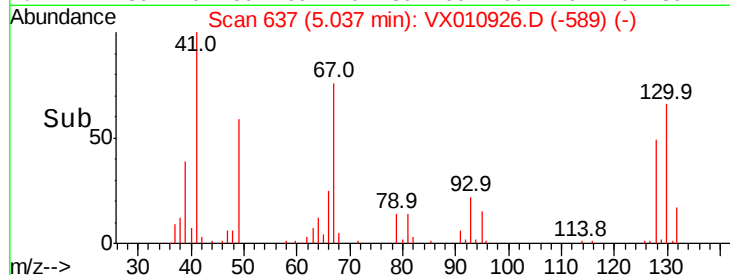
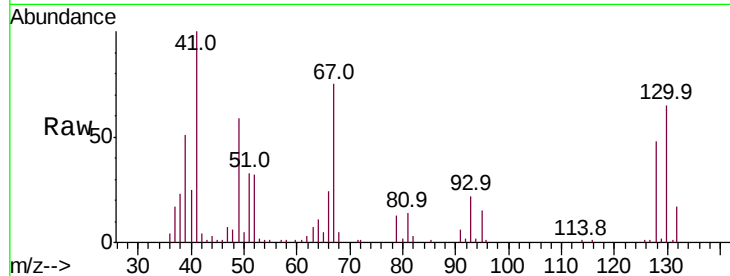
ClientSampleId :

VX0717WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.4	68.2
67	78.3	65.9	98.9
52	33.4	26.2	39.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.024 ug/l

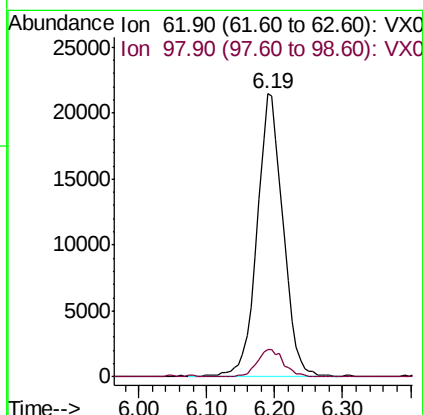
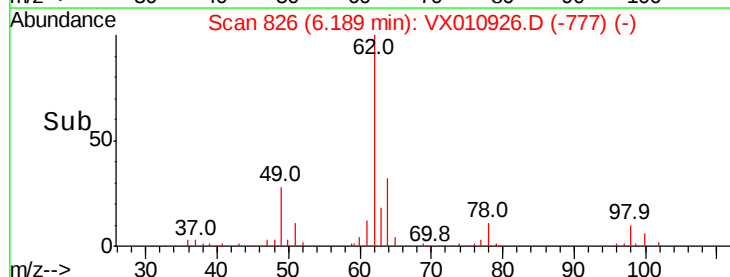
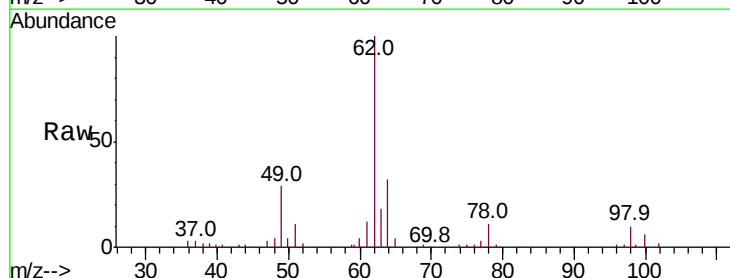
RT: 6.19 min Scan# 826

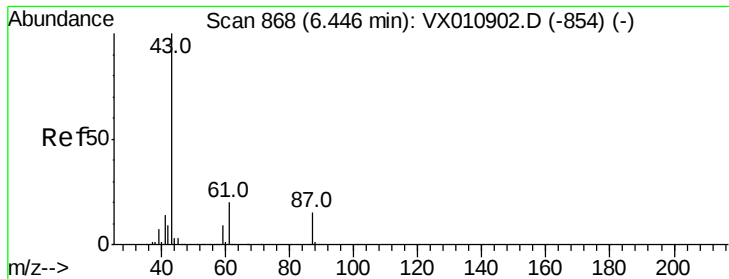
Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.064 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

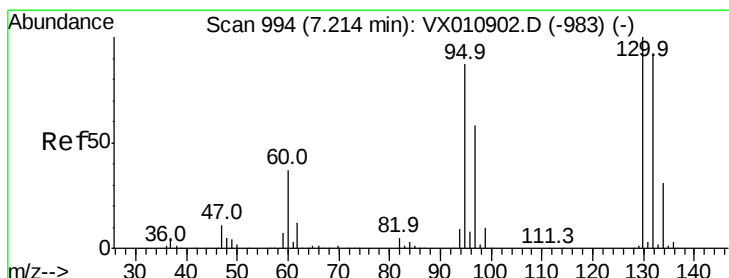
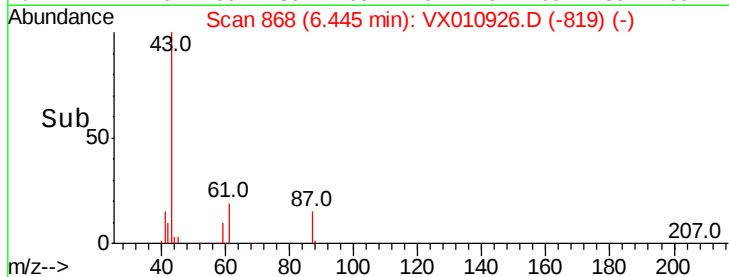
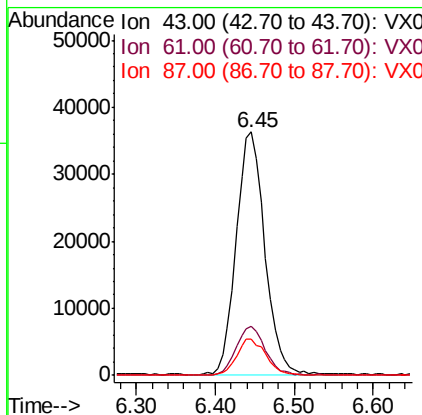
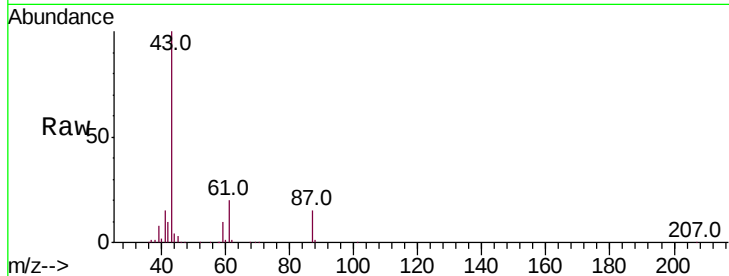
ClientSampleId :

VX0717WBS01

Tot Ion:	43	Resp:	91351
Ion	Ratio	Lower	Upper
43	100		
61	20.7	17.1	25.7
87	15.4	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 19.192 ug/l

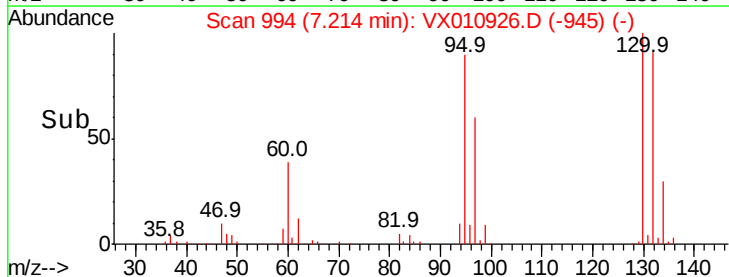
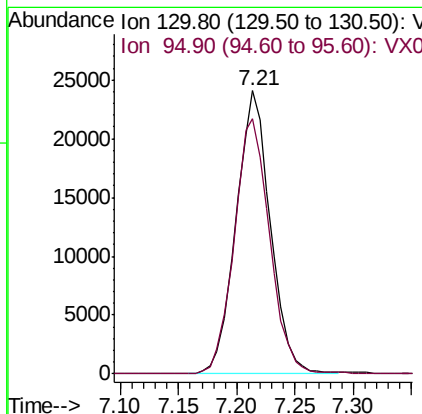
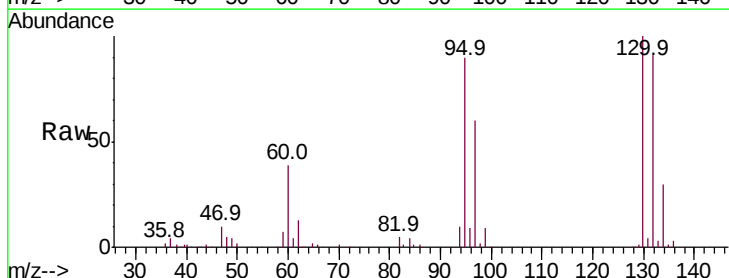
RT: 7.21 min Scan# 994

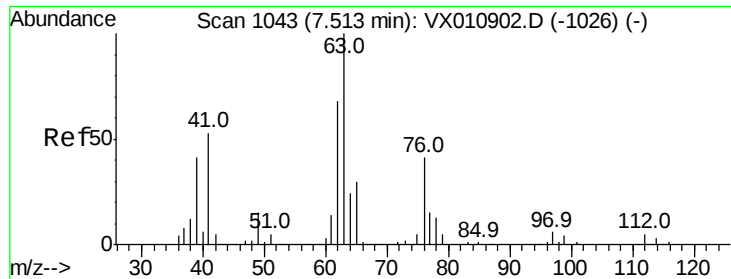
Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion:	130	Resp:	49524
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	174.8





#45

1,2-Dichloropropane

Concen: 19.076 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 63 Resp: 42326

Ion Ratio Lower Upper

63 100

65 32.5

24.4

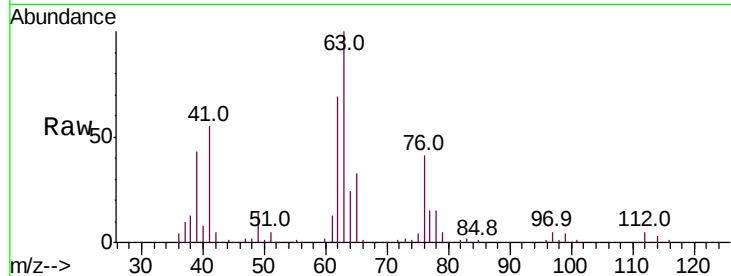
36.6

Manual Integrations

APPROVED

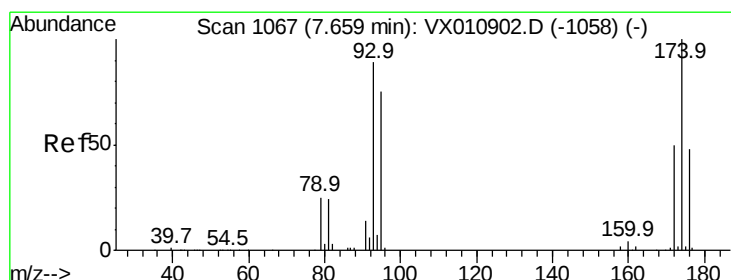
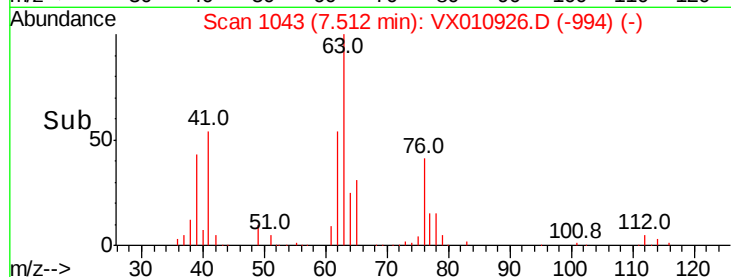
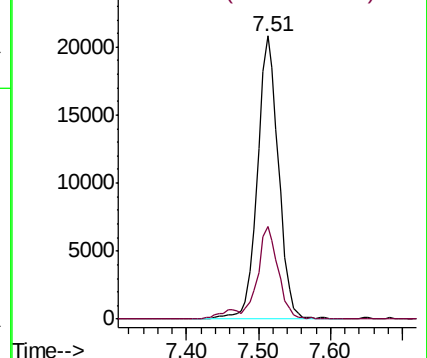
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.191 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion: 93 Resp: 30427

Ion Ratio Lower Upper

93 100

95 83.6

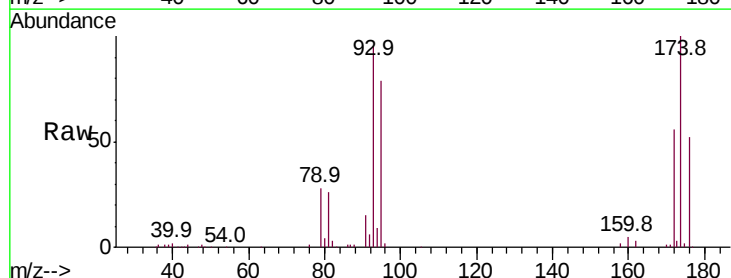
67.2

100.8

174 112.3

90.6

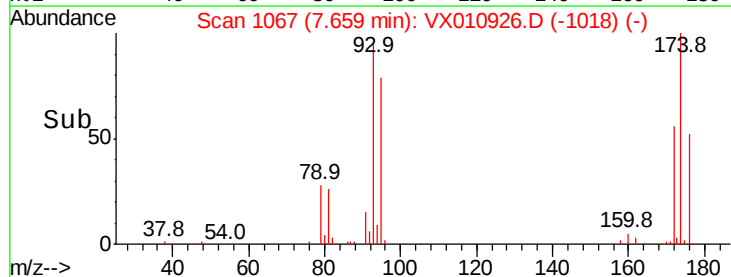
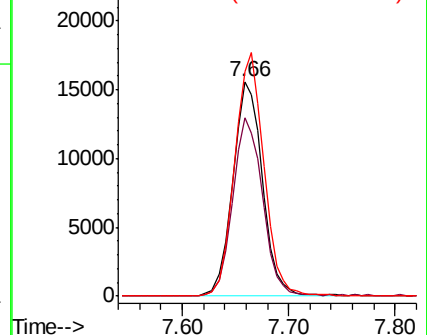
135.8

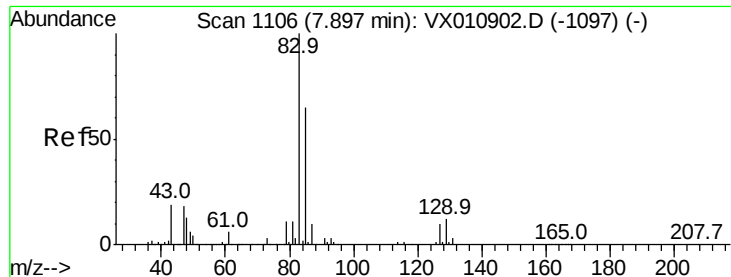


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.219 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

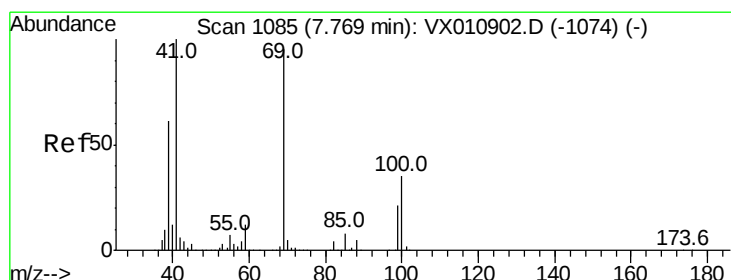
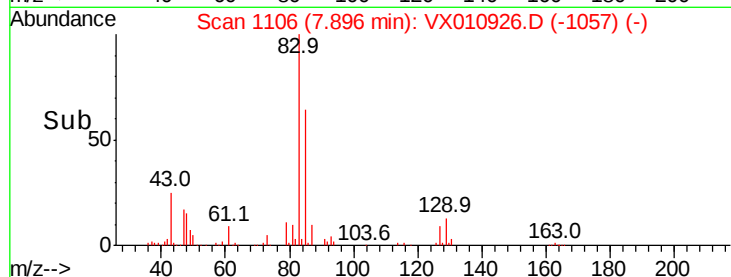
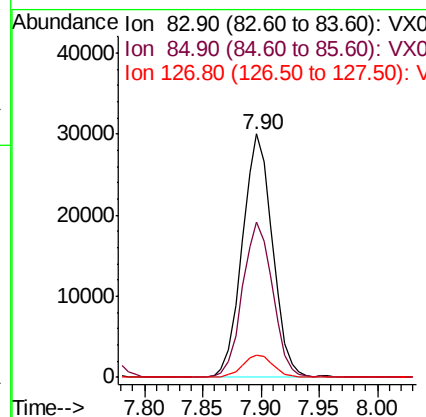
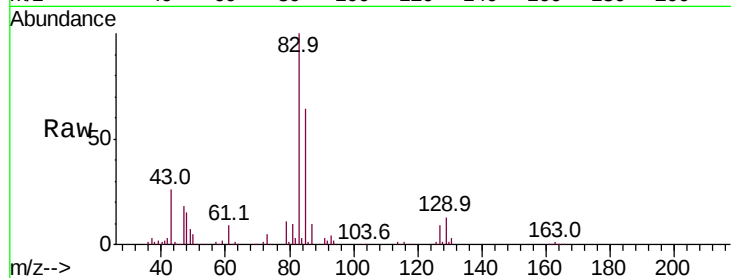
ClientSampleId :

VX0717WBS01

Tot Ion:	83	Resp:	54242
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7
127	9.2	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.054 ug/l

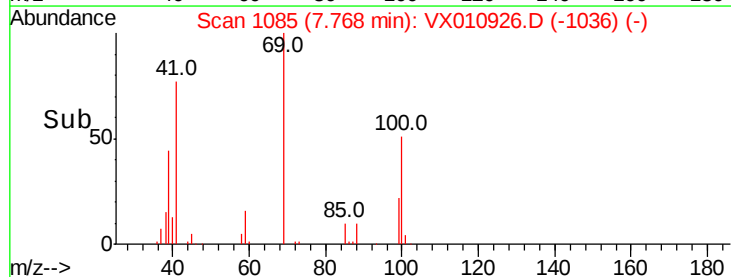
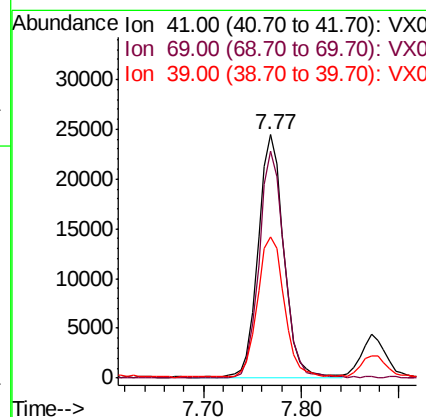
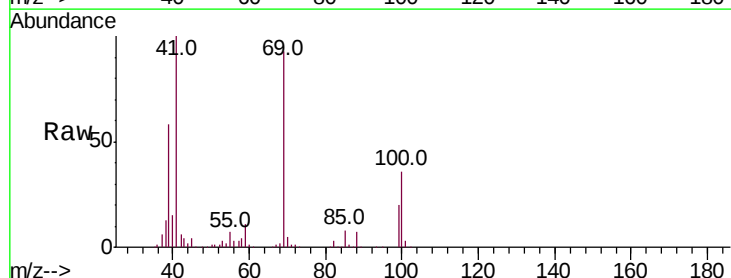
RT: 7.77 min Scan# 1085

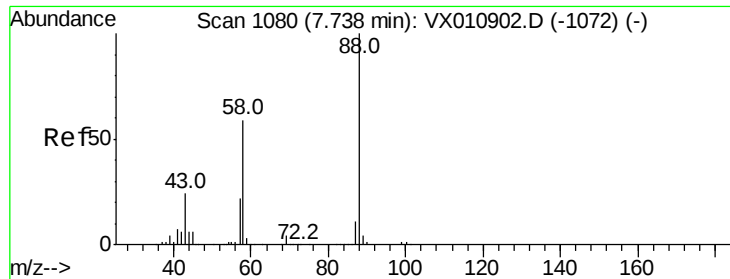
Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion:	41	Resp:	44478
Ion	Ratio	Lower	Upper
41	100		
69	92.4	74.4	111.6
39	59.6	48.9	73.3





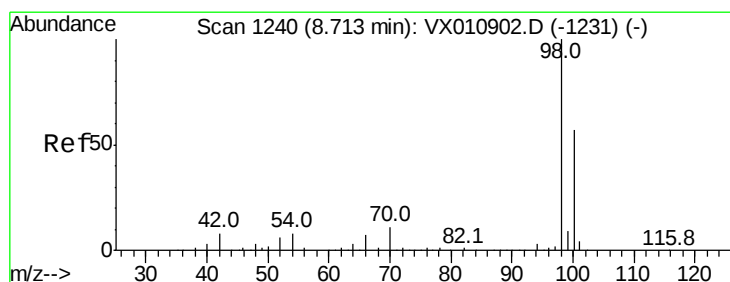
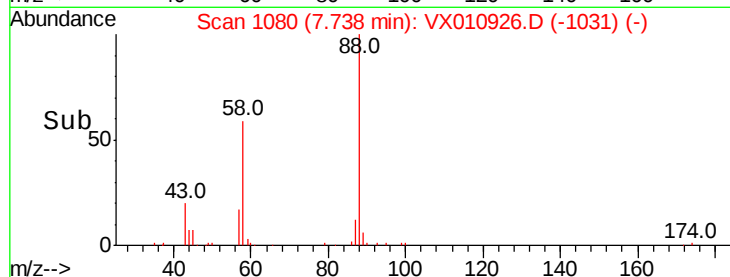
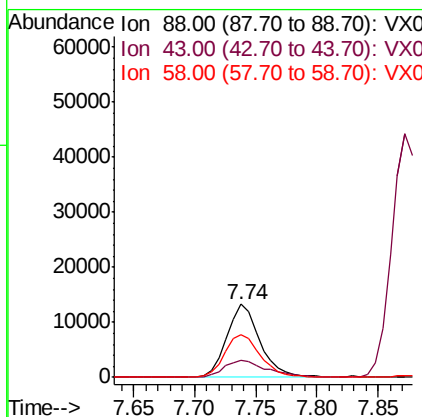
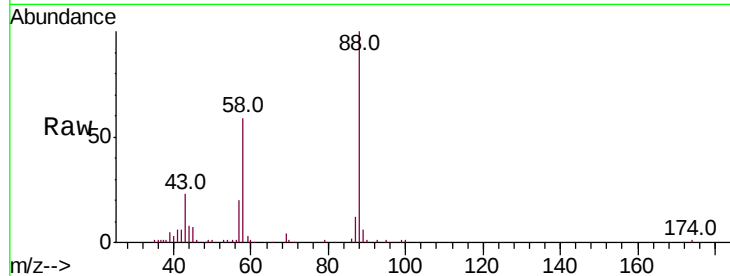
#49
1,4-Dioxane
Concen: 381.177 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.9	34.3
58	64.7	49.8	74.8

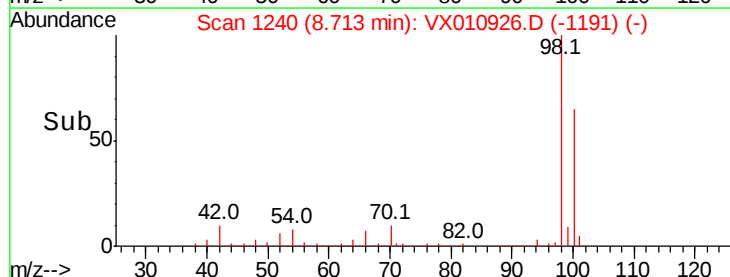
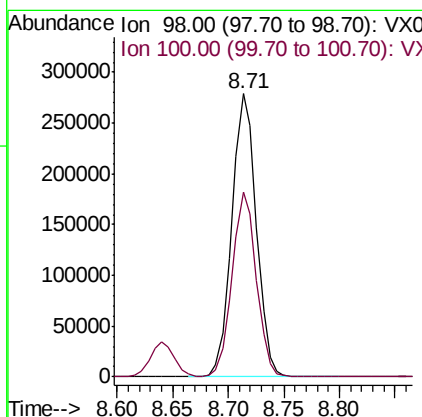
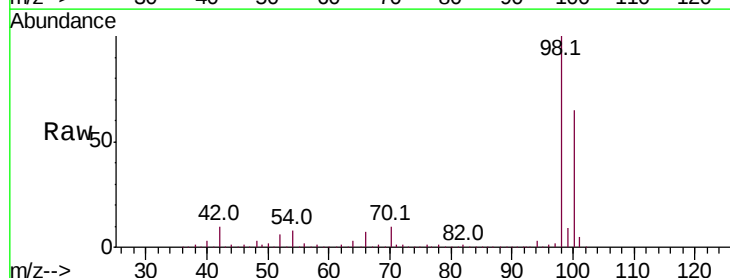
Manual Integrations
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#50
Toluene-d8
Concen: 51.342 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 98.267 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0717WBS01

Tot Ion: 43 Resp: 305232

Ion Ratio Lower Upper

43 100

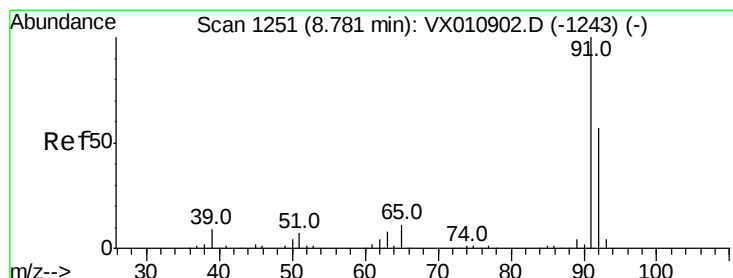
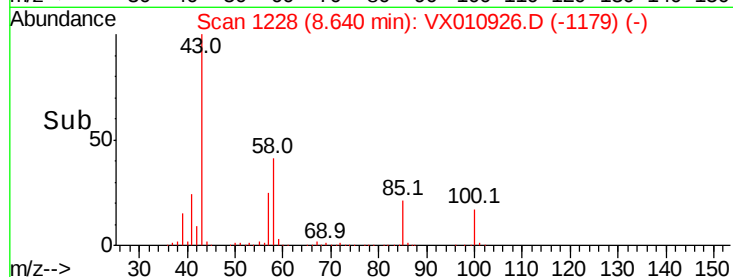
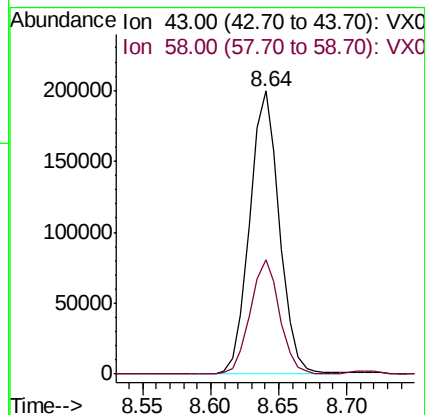
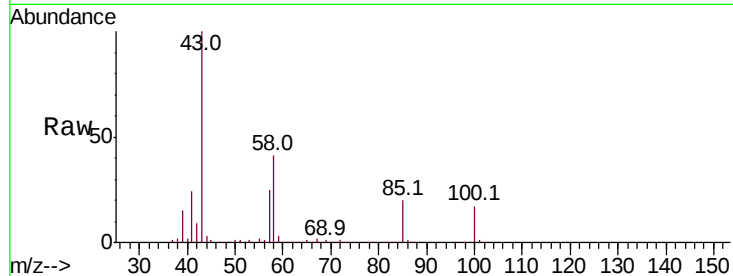
58 40.3 32.2 48.4

Manual Integrations

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7/22/2019 10:58:07 AM



#52

Toluene

Concen: 19.525 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010926.D

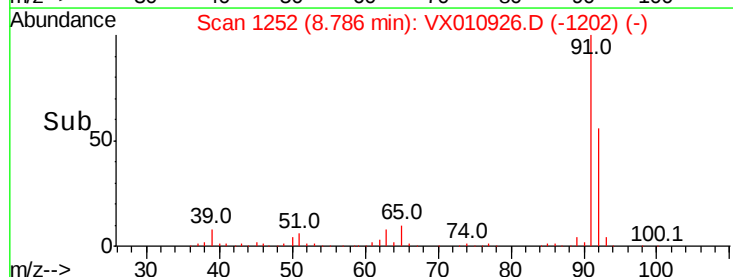
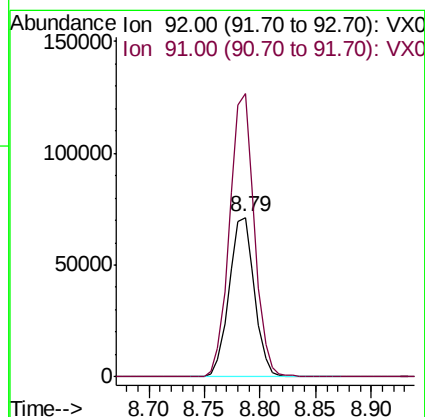
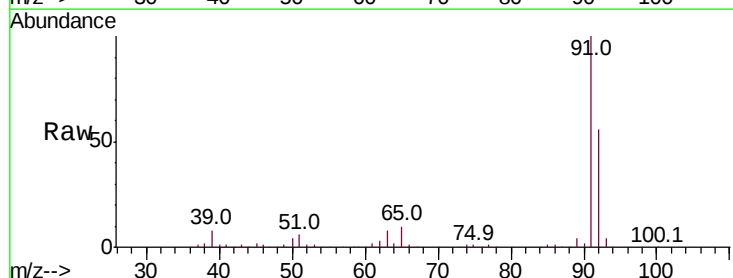
Acq: 17 Jul 2019 11:26

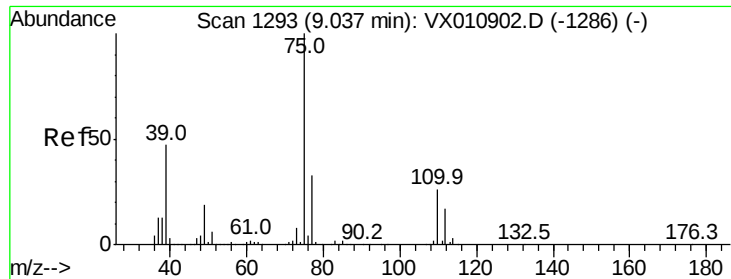
Tgt Ion: 92 Resp: 111815

Ion Ratio Lower Upper

92 100

91 174.1 139.4 209.0





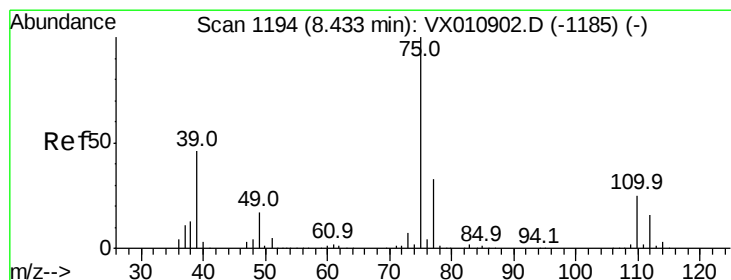
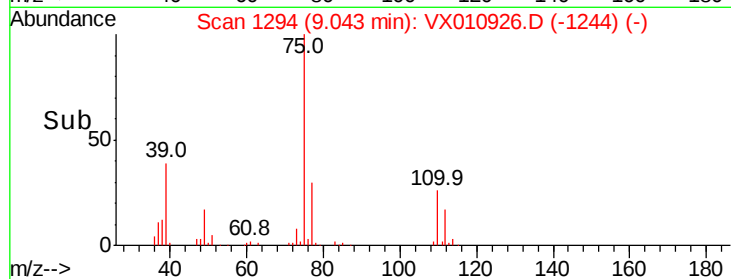
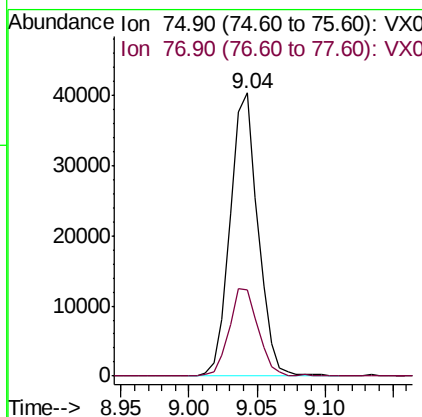
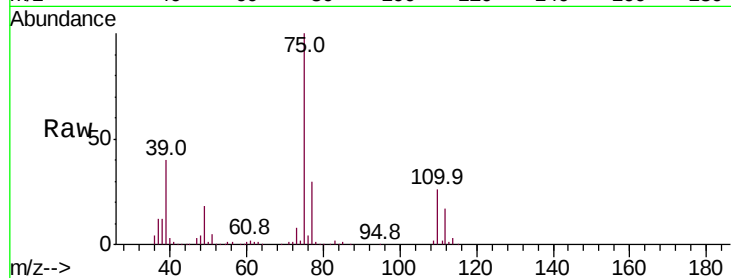
#53
t-1,3-Dichloropropene
Concen: 18.986 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion: 75 Resp: 57617
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.2

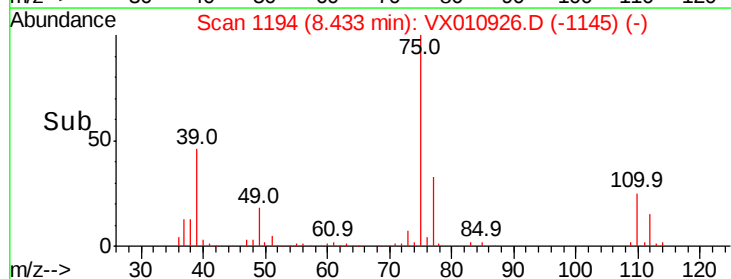
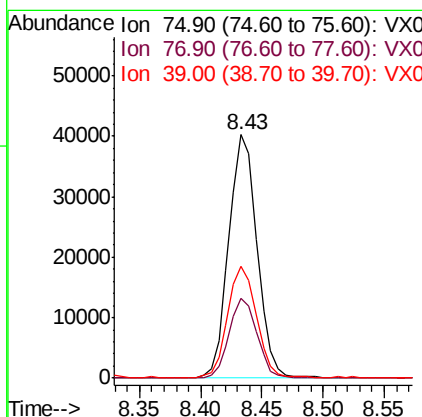
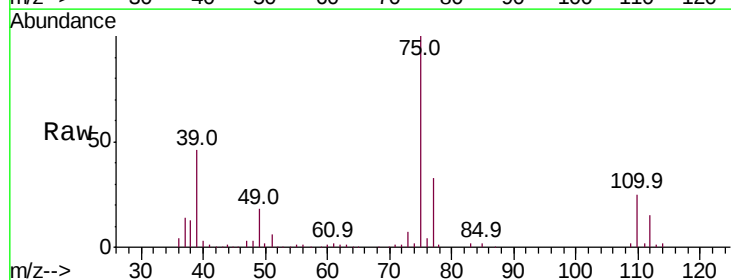
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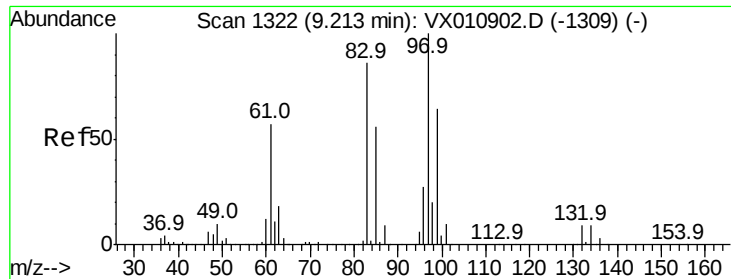
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#54
cis-1,3-Dichloropropene
Concen: 19.072 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 75 Resp: 64402
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 45.8 36.6 54.8





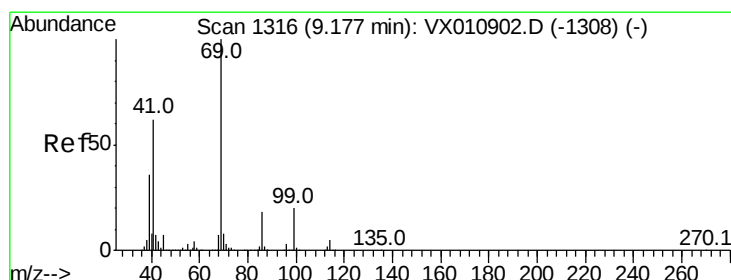
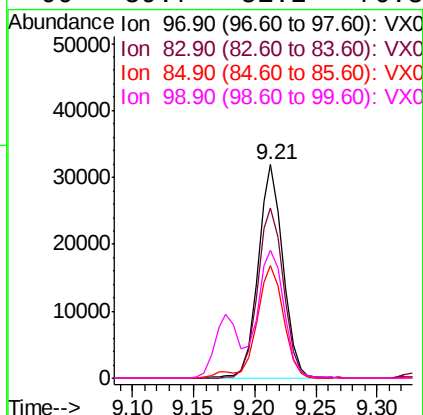
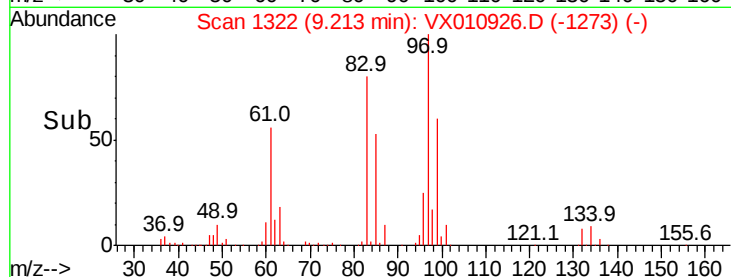
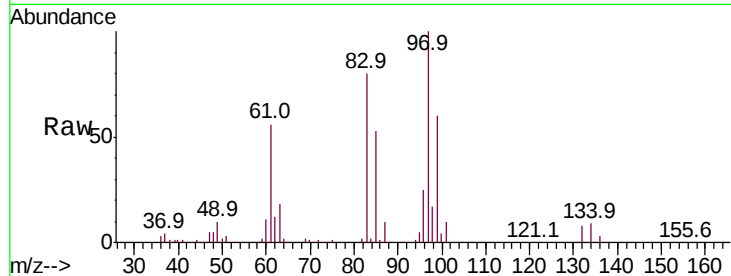
#55
1,1,2-Trichloroethane
Concen: 19.306 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		45523		
83	80.0	69.2	103.8		
85	53.0	44.6	66.8		
99	59.7	51.2	76.8		

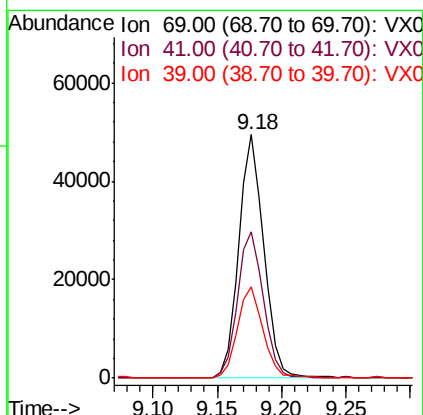
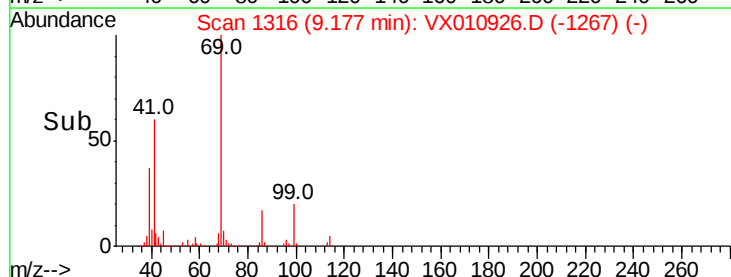
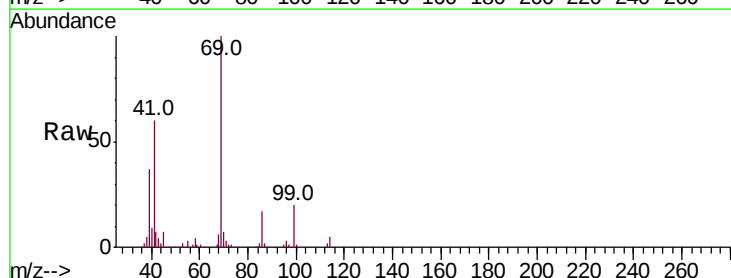
Manual Integrations
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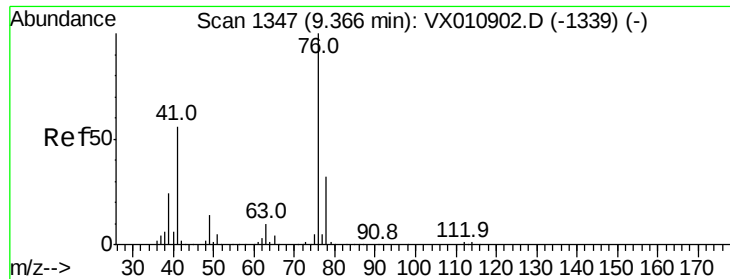
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#56
Ethyl methacrylate
Concen: 19.327 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		66661		
41	61.9	49.7	74.5		
39	37.4	29.6	44.4		





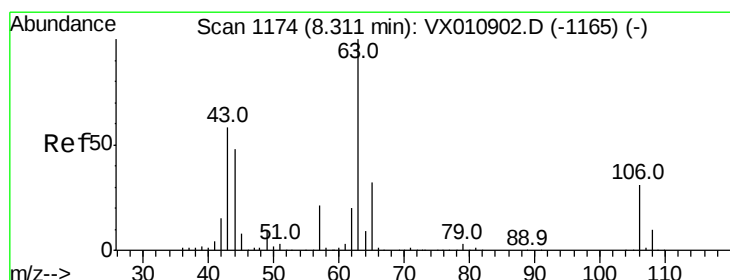
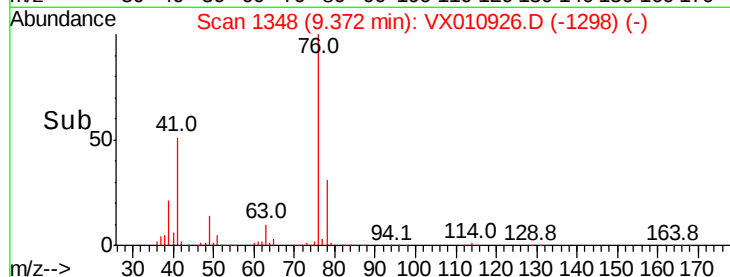
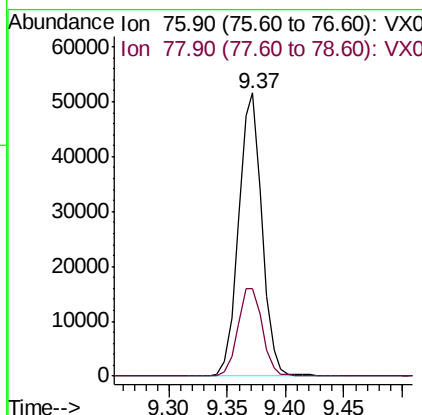
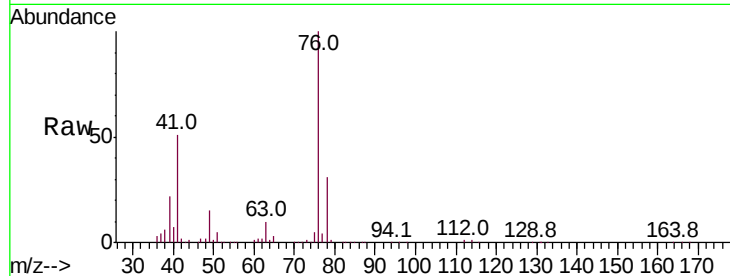
#57
 1,3-Dichloropropane
 Concen: 19.247 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion: 76 Resp: 71995
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.6 38.4

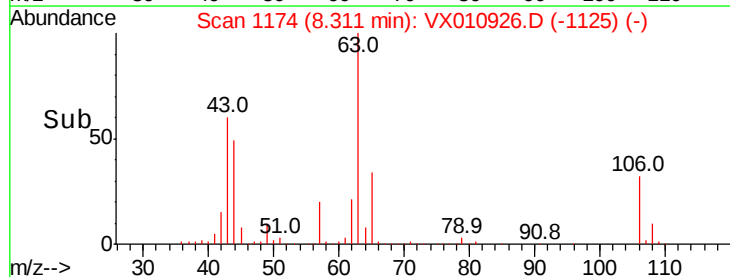
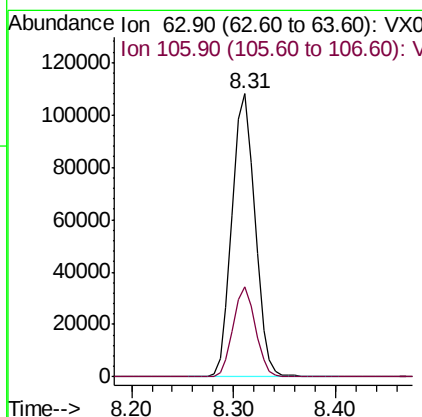
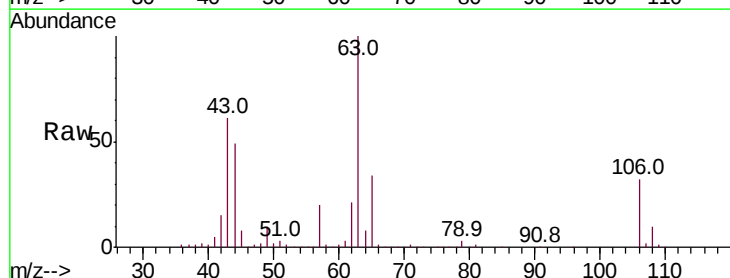
Manual Integrations
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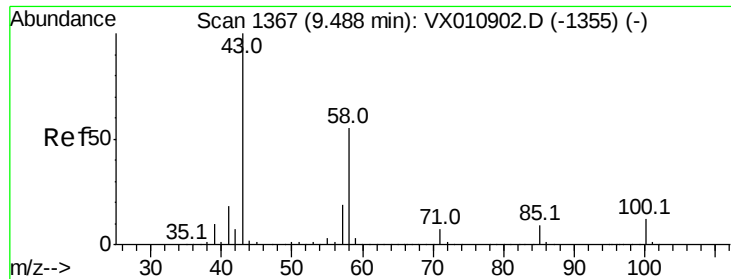
MMDadoda
 7/22/2019 10:58:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.472 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion: 63 Resp: 168722
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.0 36.0





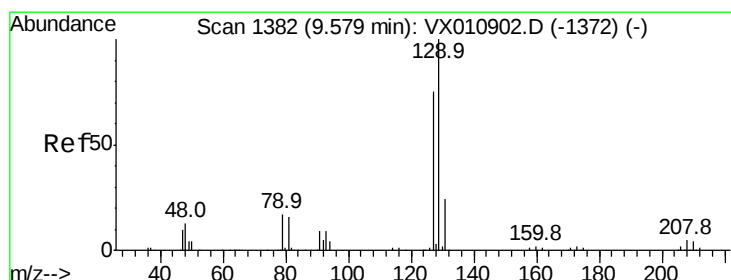
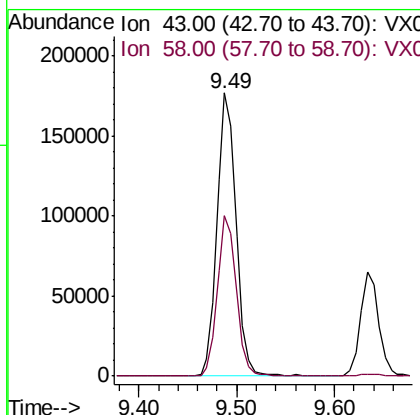
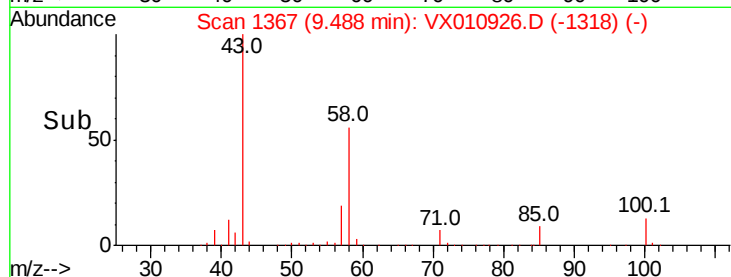
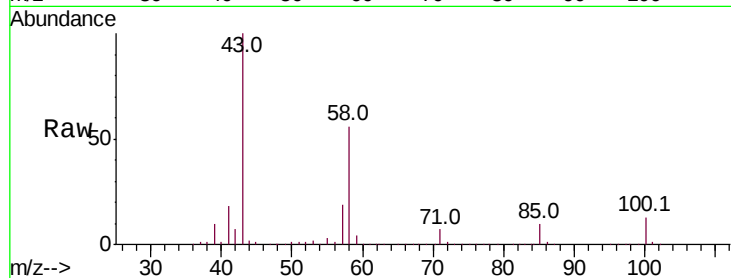
#59
2-Hexanone
Concen: 99.159 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion: 43 Resp: 238893
Ion Ratio Lower Upper
43 100
58 56.3 28.0 83.9

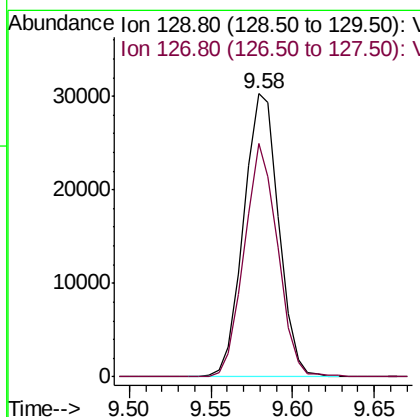
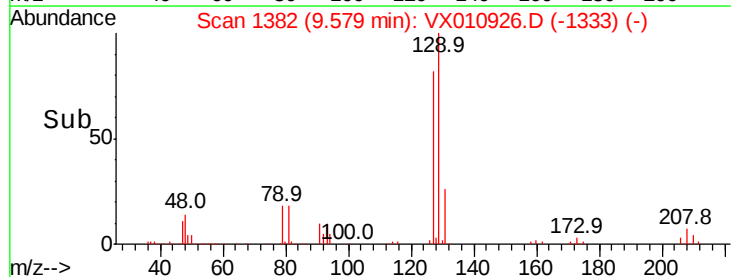
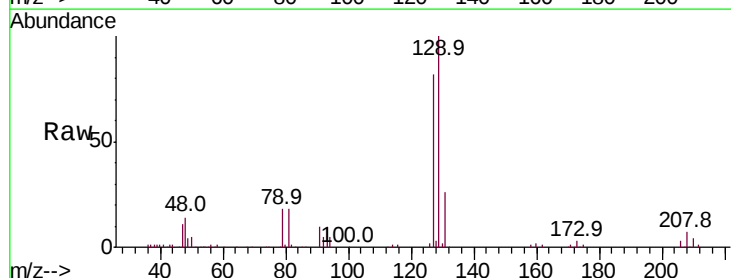
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#60
Dibromochloromethane
Concen: 18.382 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 129 Resp: 45317
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.165 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion:107 Resp: 47959

Ion Ratio Lower Upper

107 100

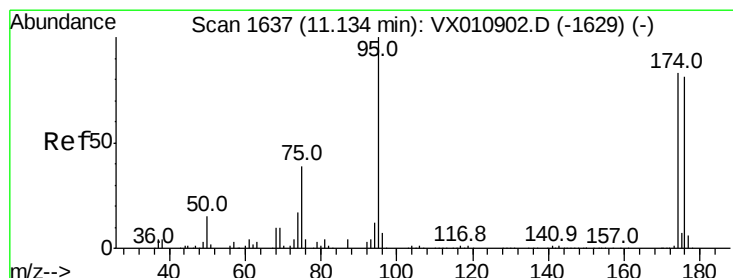
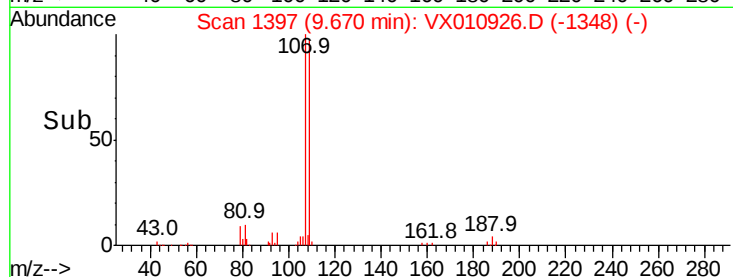
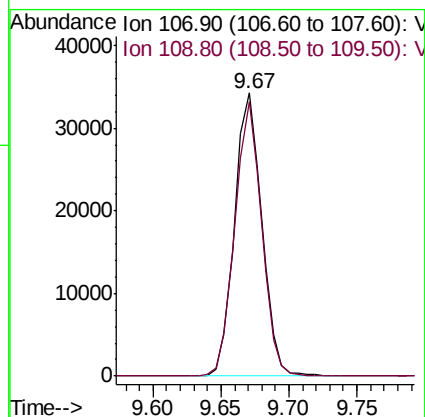
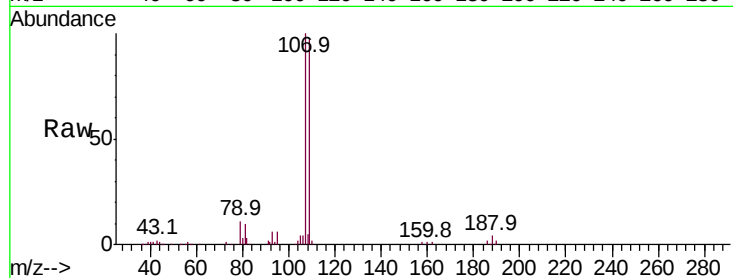
109 95.5 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 50.392 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

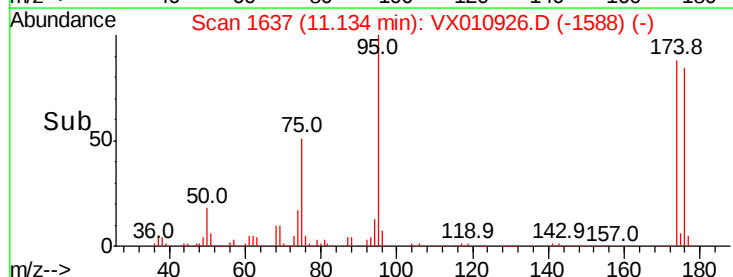
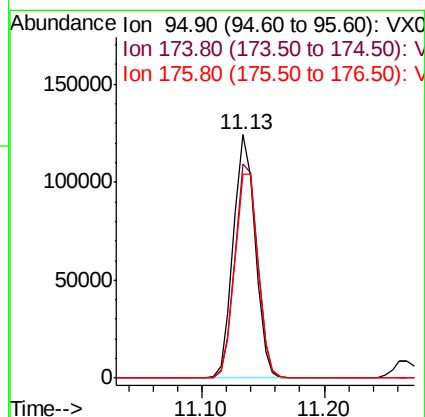
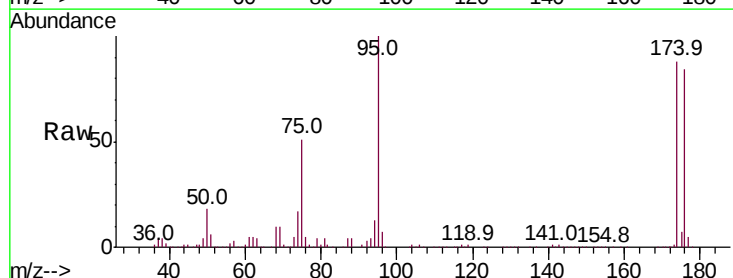
Tgt Ion: 95 Resp: 152774

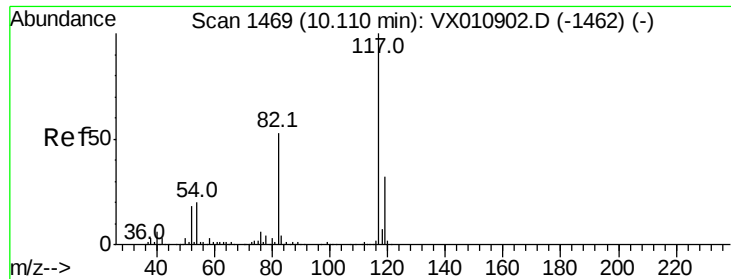
Ion Ratio Lower Upper

95 100

174 92.1 0.0 180.6

176 89.5 0.0 173.8





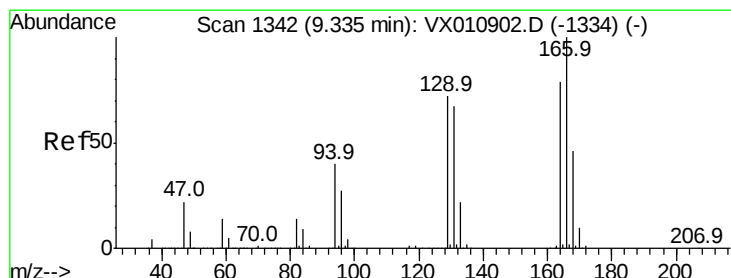
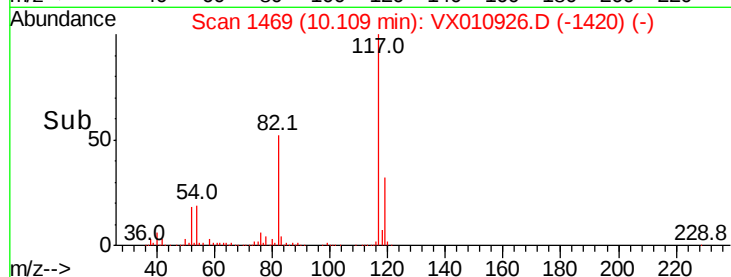
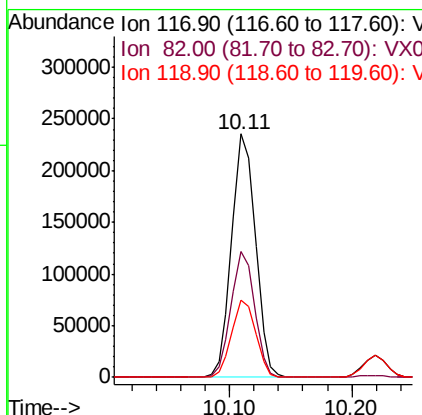
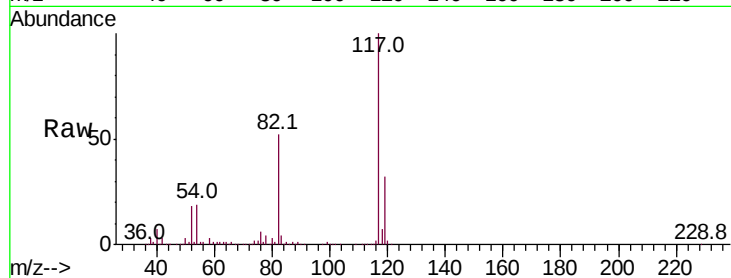
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.6	63.8
119	31.7	25.9	38.9

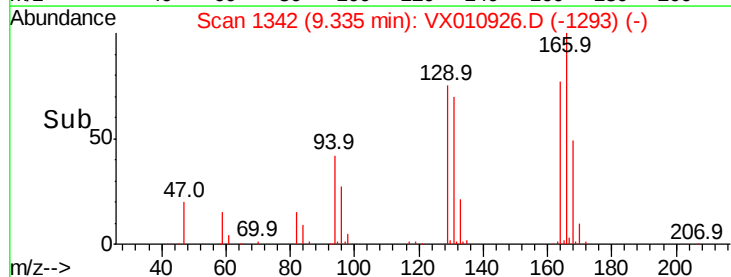
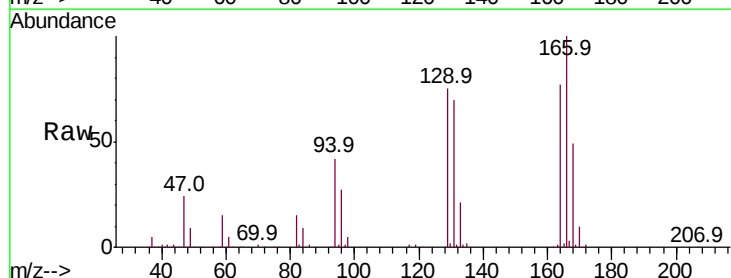
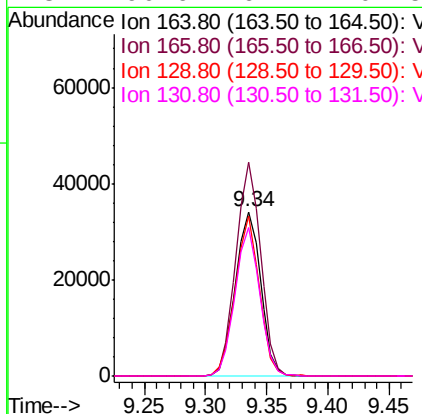
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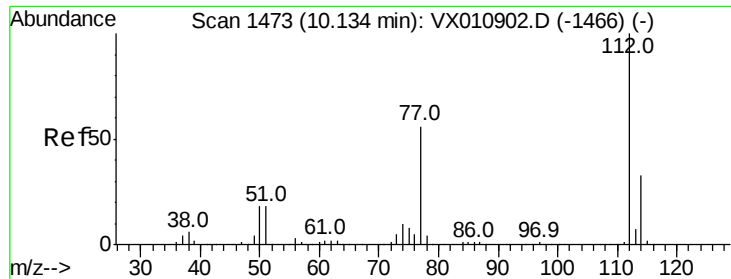
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#64
Tetrachloroethene
Concen: 19.577 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	100.8	151.2
129	97.8	72.6	109.0
131	90.6	67.7	101.5





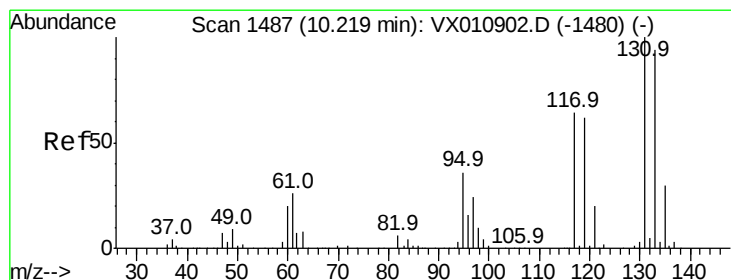
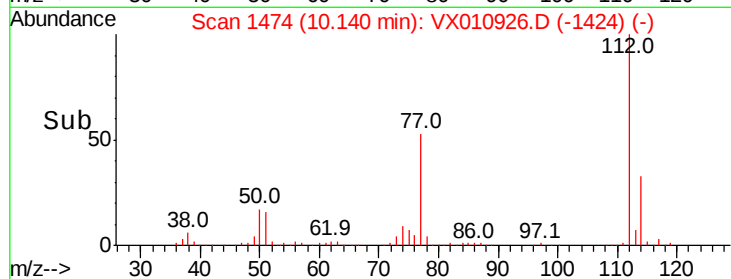
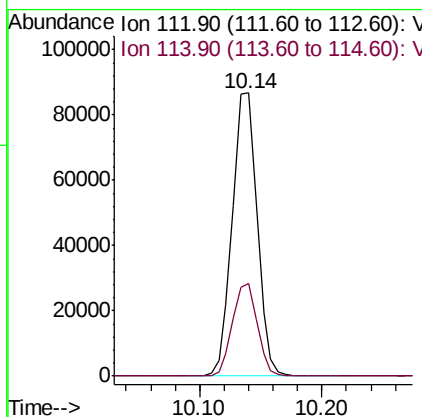
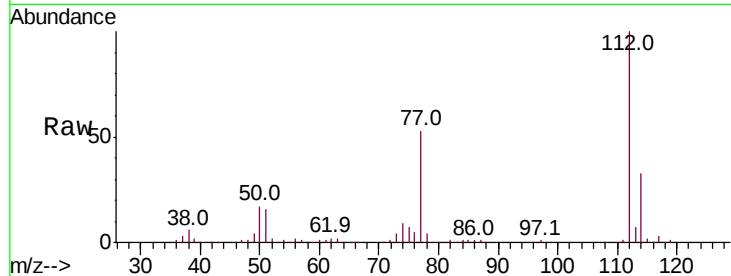
#65
Chlorobenzene
Concen: 18.734 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampled :
VX0717WBS01

Tot Ion:112 Resp: 122288
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4

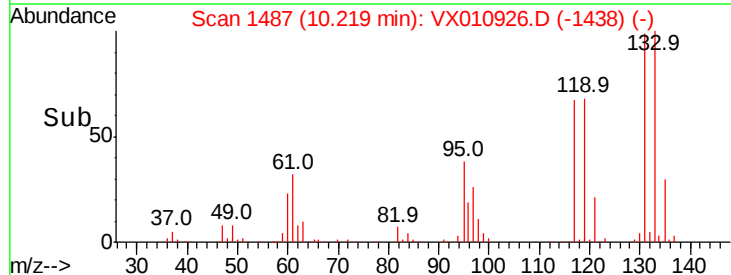
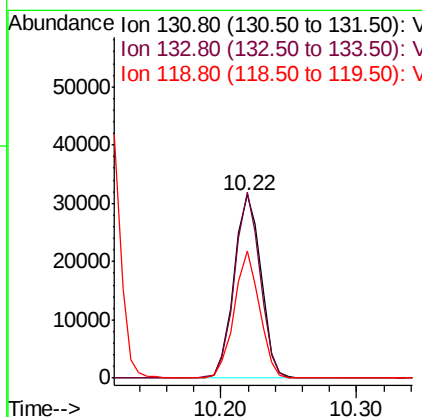
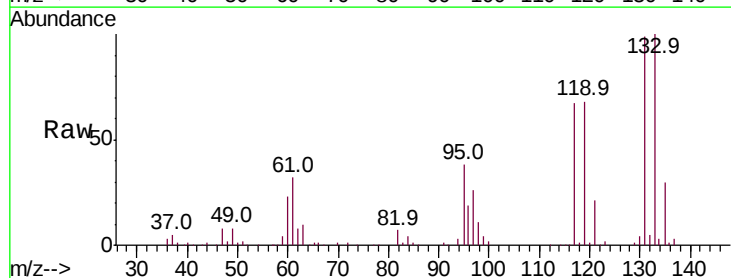
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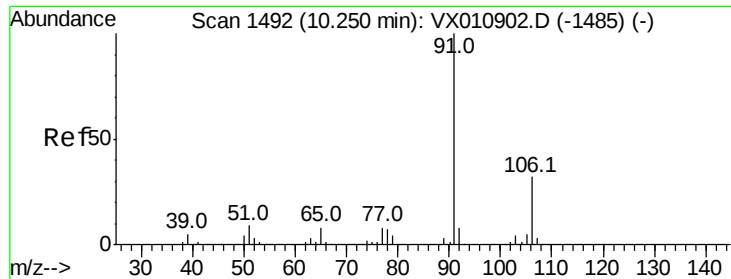
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.951 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion:131 Resp: 43476
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 65.1 31.9 95.7





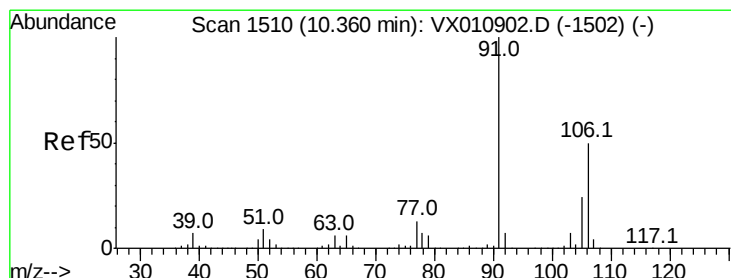
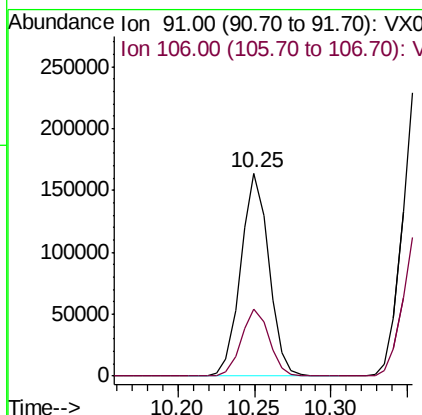
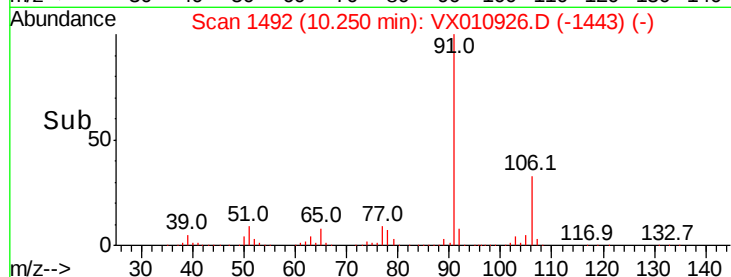
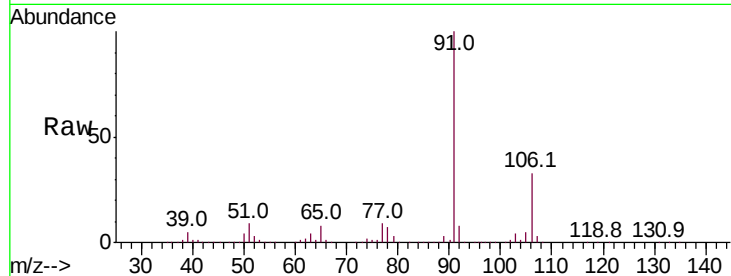
#67
Ethyl Benzene
Concen: 18.790 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleID :
VX0717WBS01

Tot Ion: 91 Resp: 208774
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.2

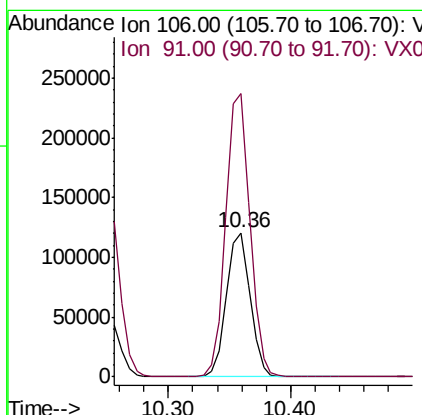
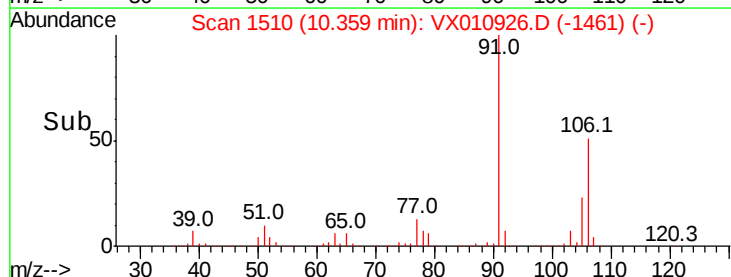
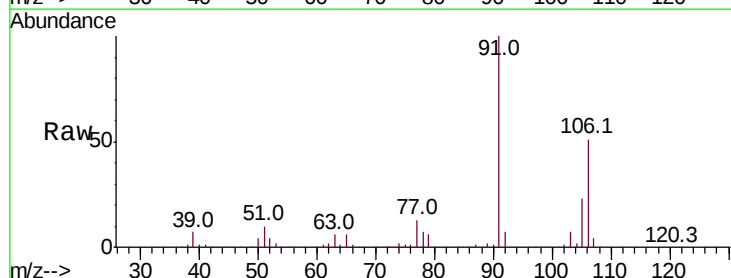
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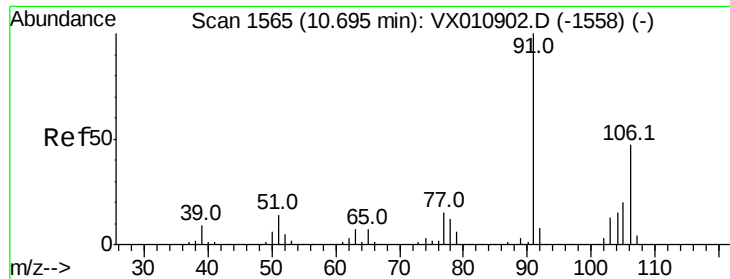
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#68
m/p-Xylenes
Concen: 38.062 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 106 Resp: 162220
Ion Ratio Lower Upper
106 100
91 199.1 160.1 240.1





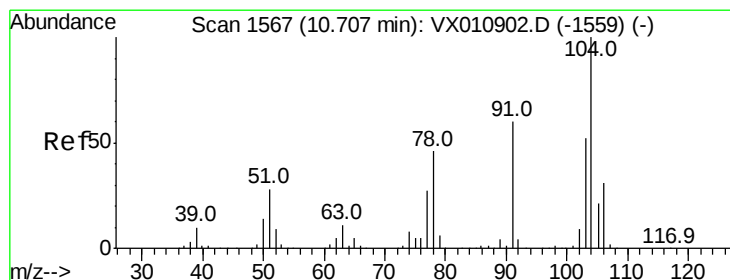
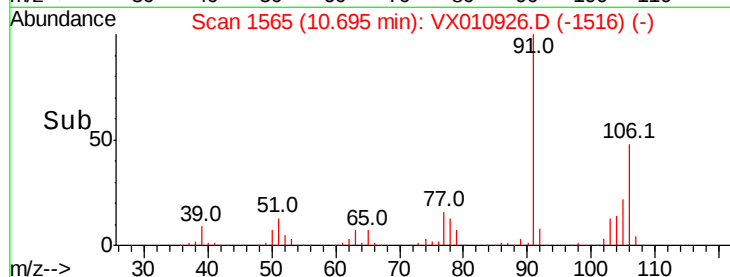
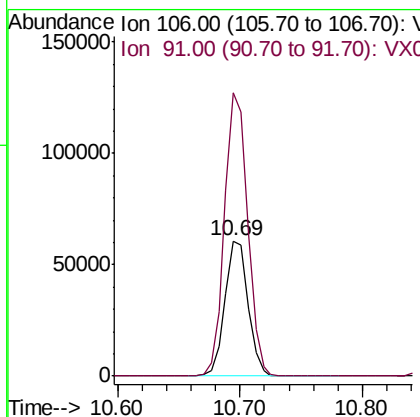
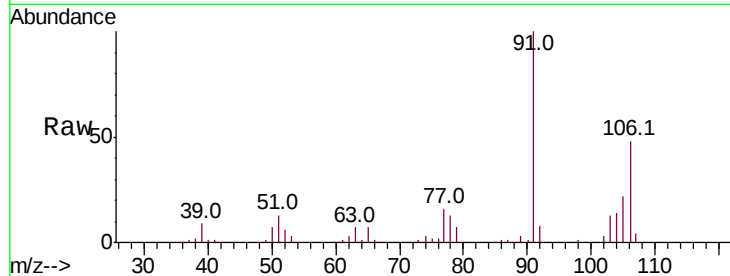
#69
o-Xylene
Concen: 19.098 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion:106 Resp: 79436
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.3

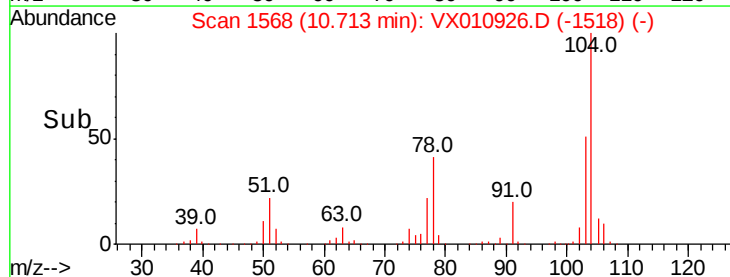
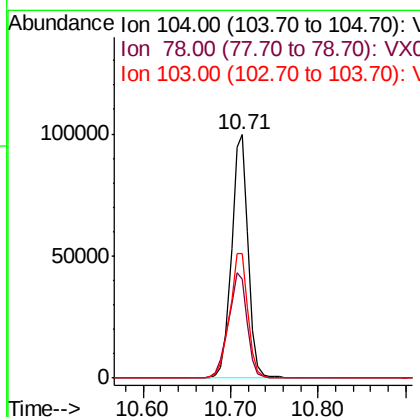
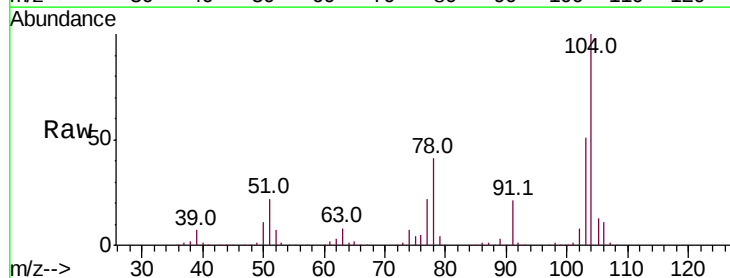
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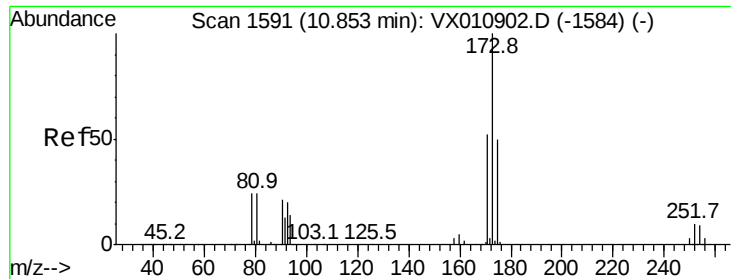
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#70
Styrene
Concen: 18.971 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion:104 Resp: 131541
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 56.7 44.2 66.4





#71

Bromoform

Concen: 17.431 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion:173 Resp: 32756

Ion Ratio Lower Upper

173 100

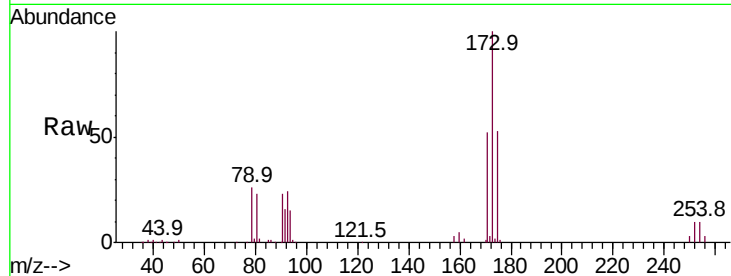
175 49.7 24.6 73.6

254 0.0 0.1 0.1#

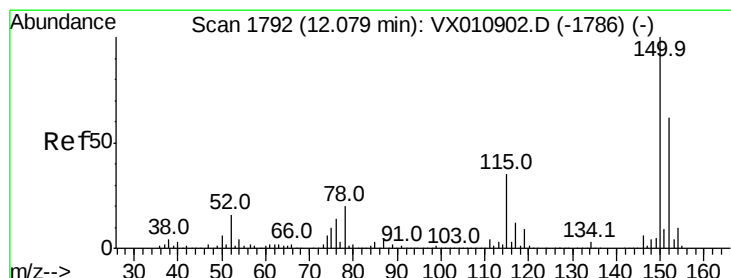
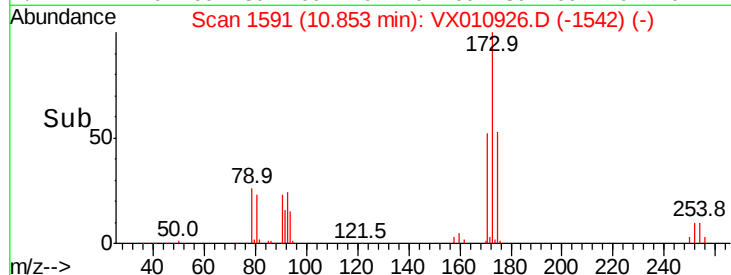
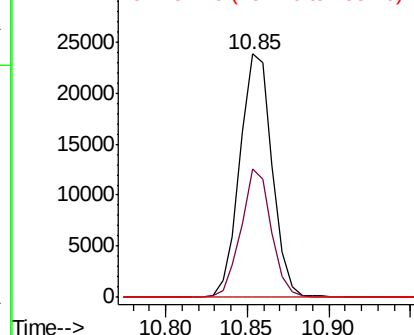
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

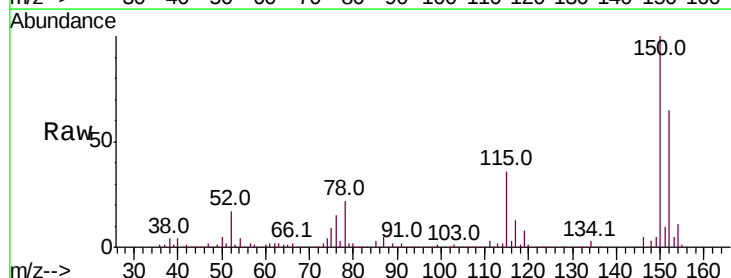
Tgt Ion:152 Resp: 162396

Ion Ratio Lower Upper

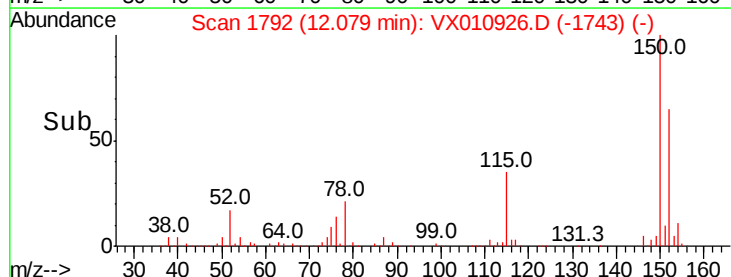
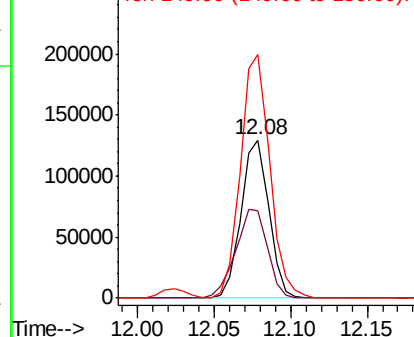
152 100

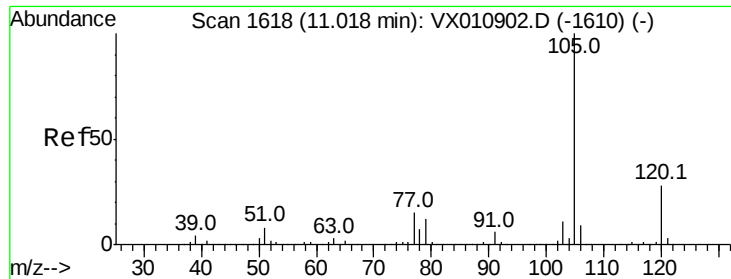
115 64.5 39.7 119.1

150 162.7 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: 19.247 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 105 Resp: 211200

Ion Ratio Lower Upper

105 100

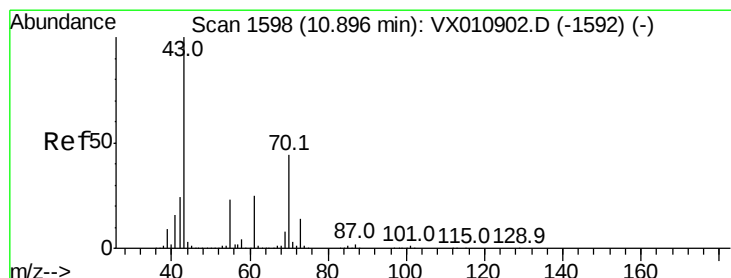
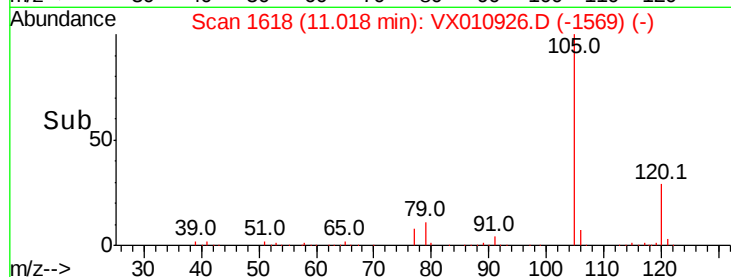
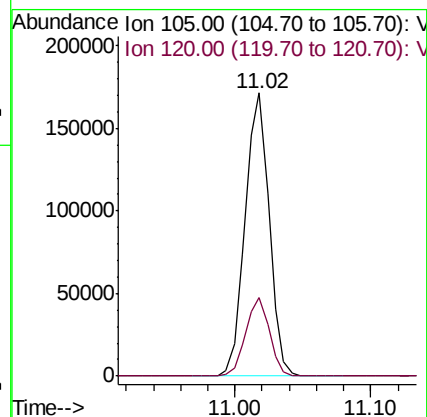
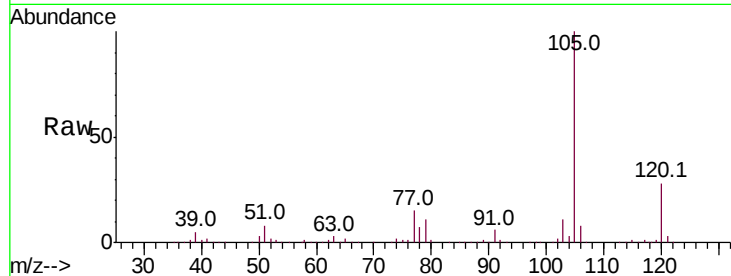
120 27.7 13.7 41.1

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#74

N-ethyl acetate

Concen: 18.902 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion: 43 Resp: 79251

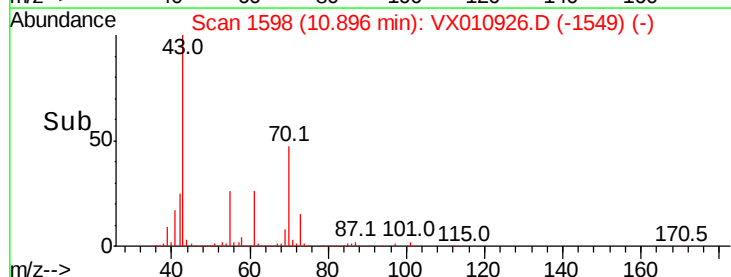
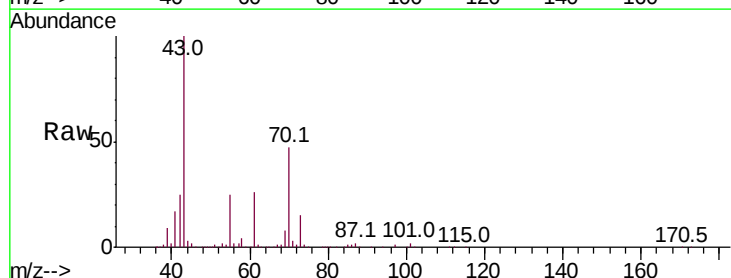
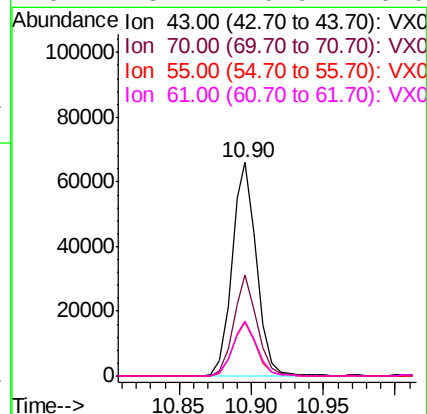
Ion Ratio Lower Upper

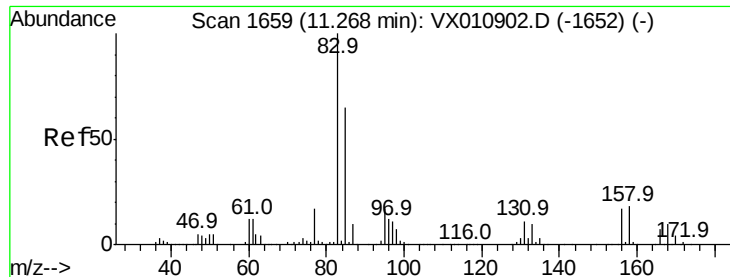
43 100

70 44.7 34.7 52.1

55 24.7 19.1 28.7

61 25.4 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.266 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

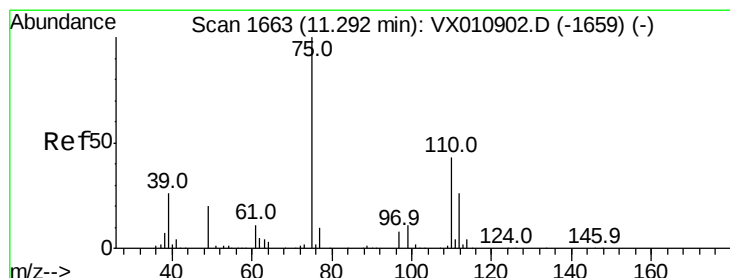
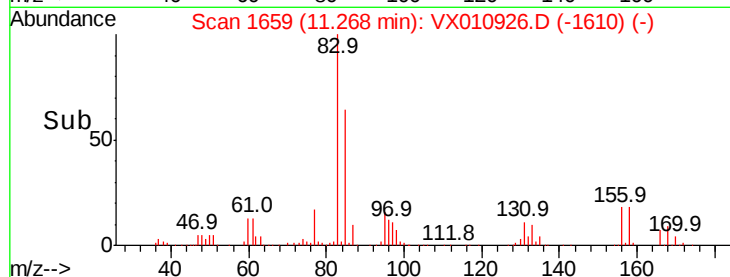
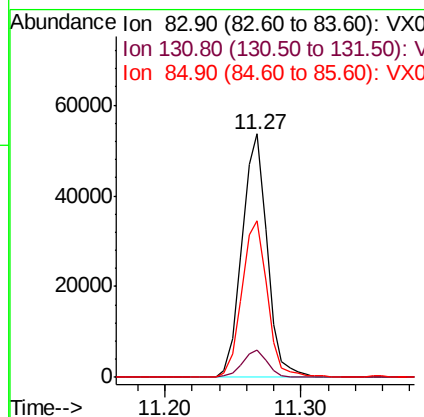
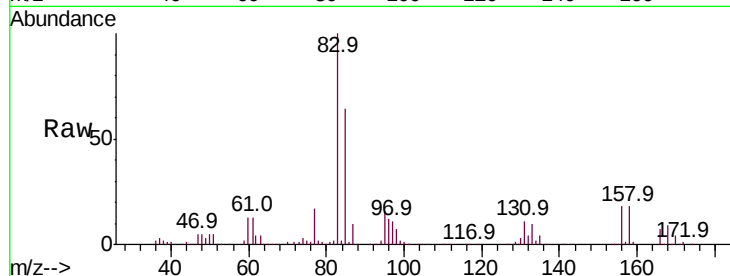
ClientSampleId :

VX0717WBS01

Tot Ion:	83	Resp:	69184
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	65.2	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 19.924 ug/l m

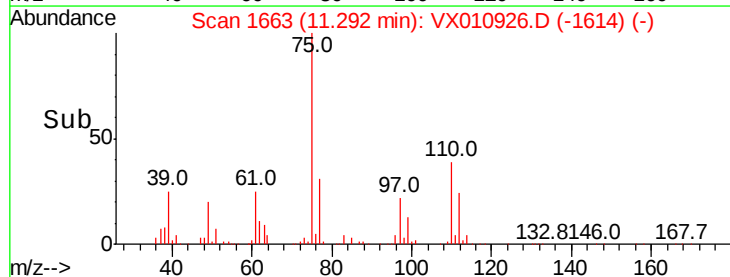
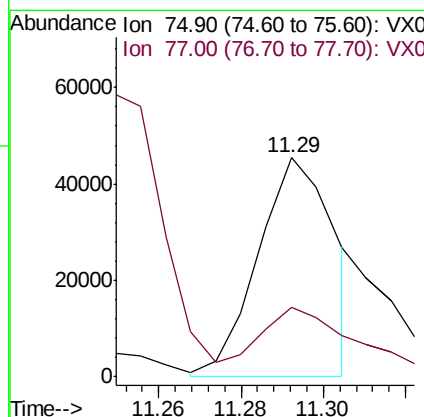
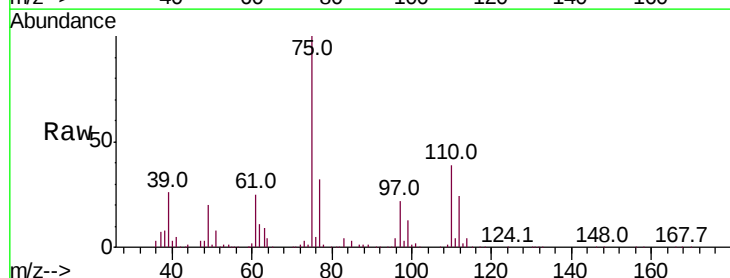
RT: 11.29 min Scan# 1663

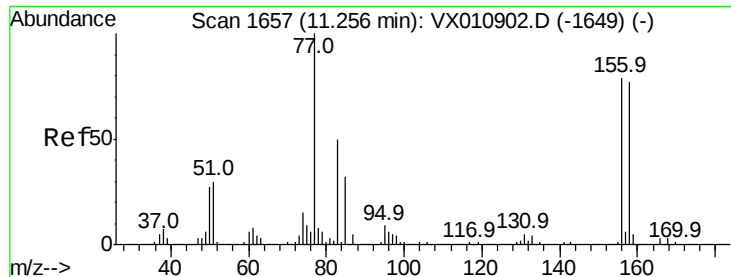
Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion:	75	Resp:	58388
Ion Ratio	Lower	Upper	
75	100		
77	41.2	21.3	64.0





#77

Bromobenzene

Concen: 18.880 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion:156 Resp: 57146

Ion Ratio Lower Upper

156 100

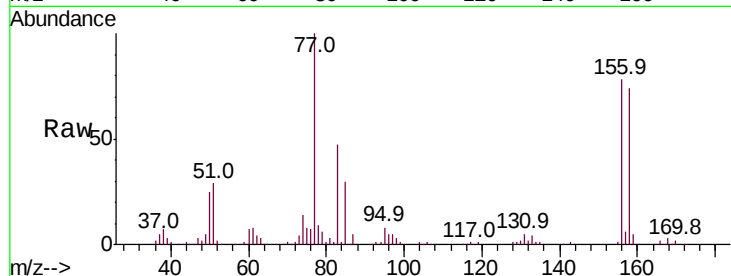
77 136.5 68.7 206.1

158 97.2 47.9 143.7

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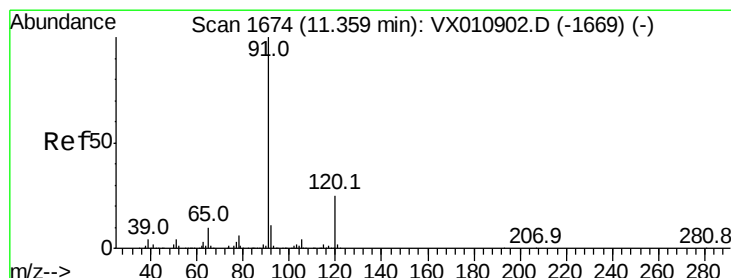
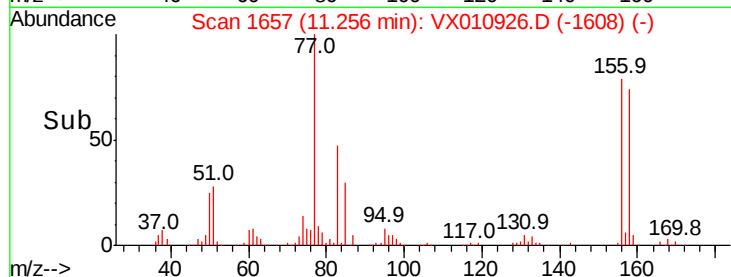
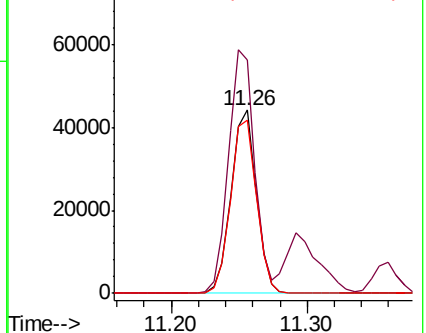
7/22/2019 10:58:07 AM



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: 19.385 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010926.D

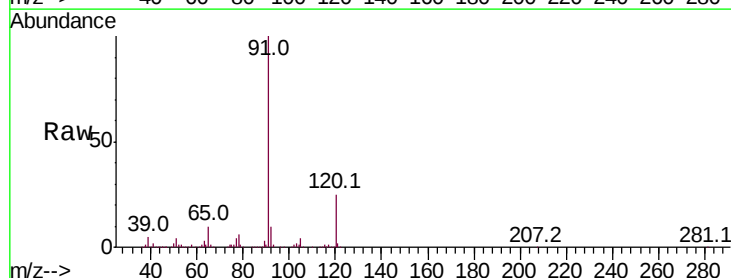
Acq: 17 Jul 2019 11:26

Tgt Ion: 91 Resp: 235028

Ion Ratio Lower Upper

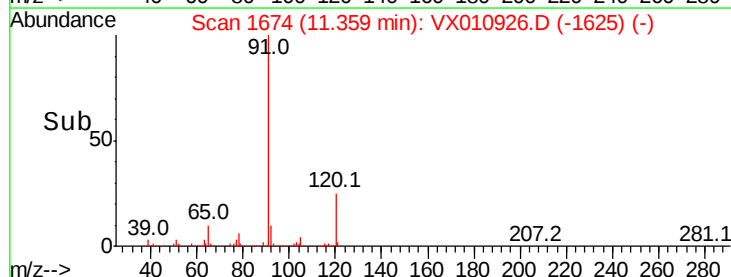
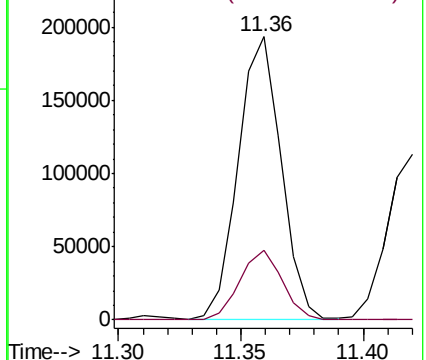
91 100

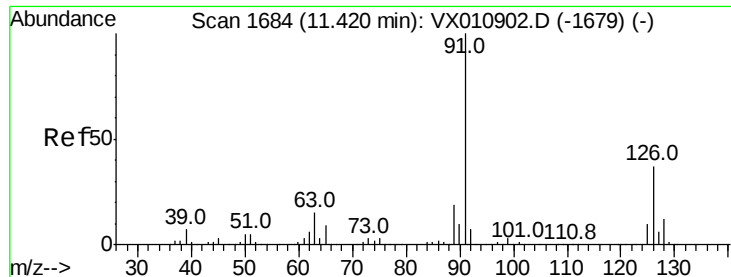
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.208 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 91 Resp: 139896

Ion Ratio Lower Upper

91 100

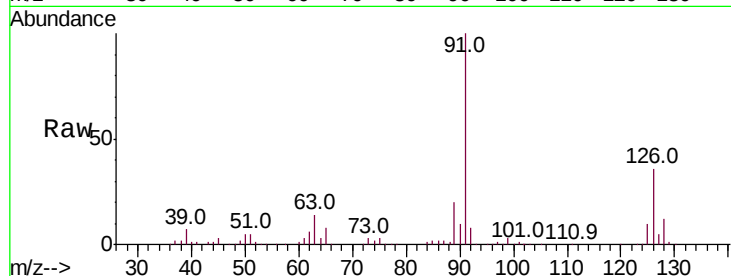
126 36.0 18.0 54.0

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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

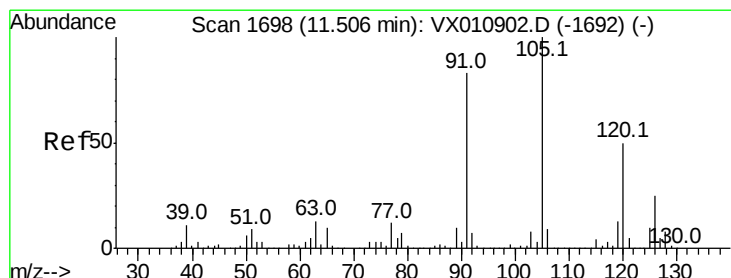
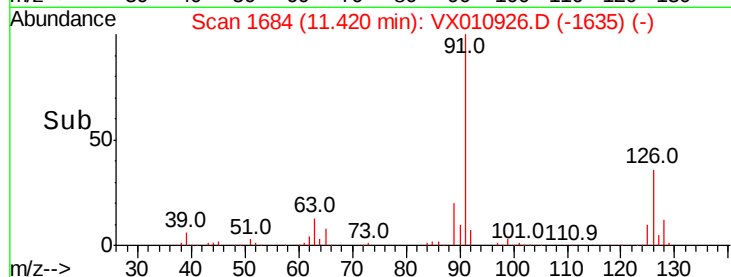
0

11.40

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.107 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010926.D

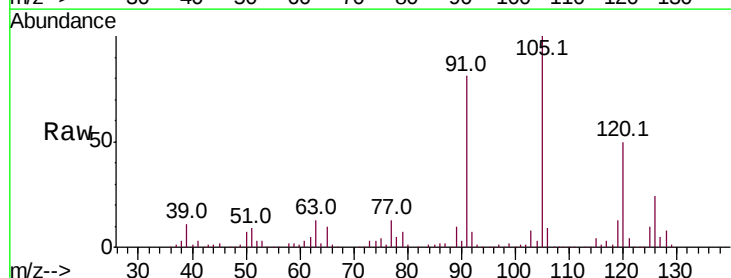
Acq: 17 Jul 2019 11:26

Tgt Ion: 105 Resp: 175198

Ion Ratio Lower Upper

105 100

120 50.2 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

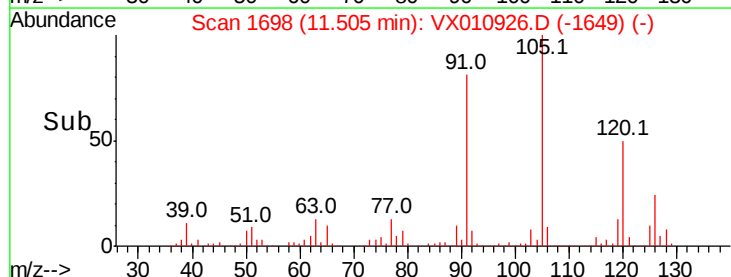
0

11.45

11.50

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.536 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 75 Resp: 18293

Ion Ratio Lower Upper

75 100

53 104.2 76.7 115.1

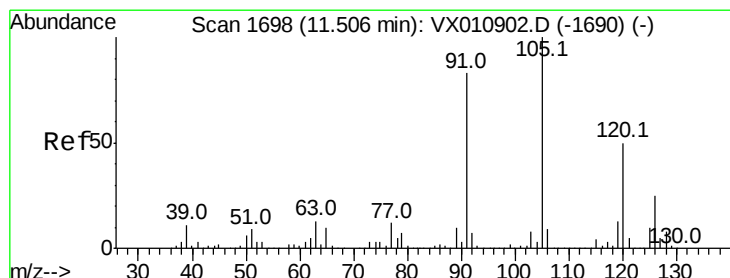
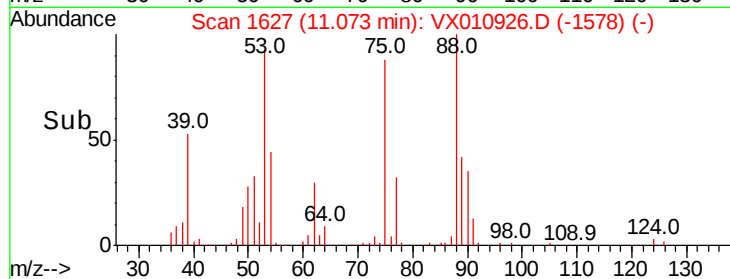
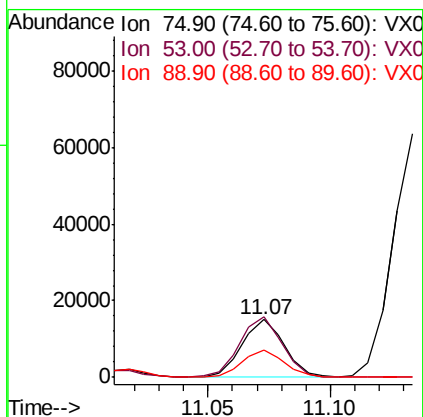
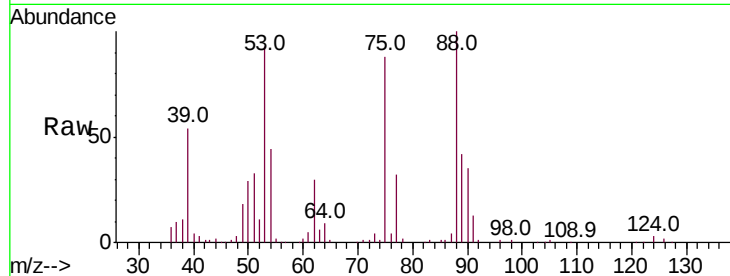
89 46.7 38.5 57.7

Manual Integrations

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#82

4-Chlorotoluene

Concen: 18.989 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010926.D

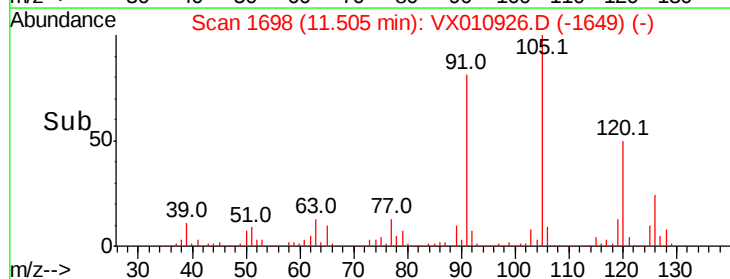
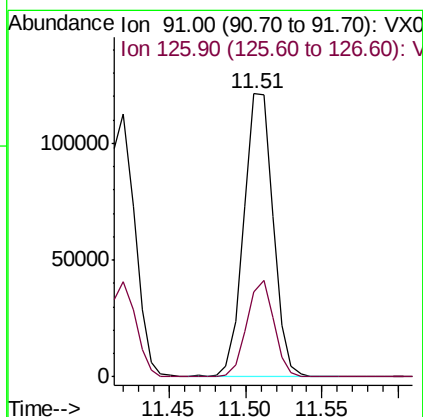
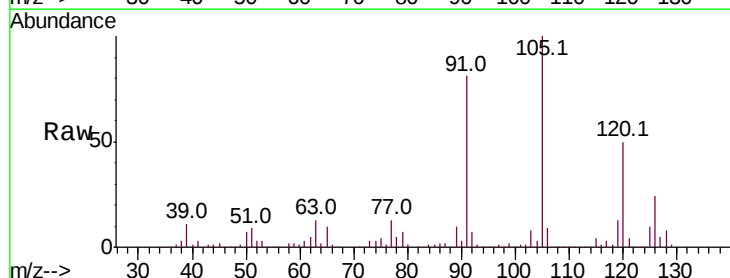
Acq: 17 Jul 2019 11:26

Tgt Ion: 91 Resp: 160974

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.7





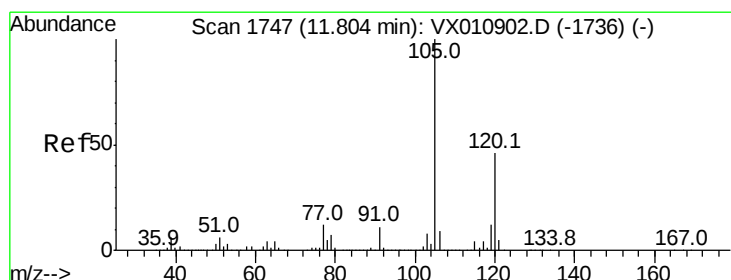
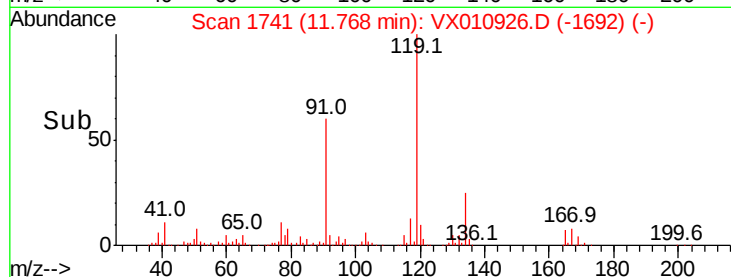
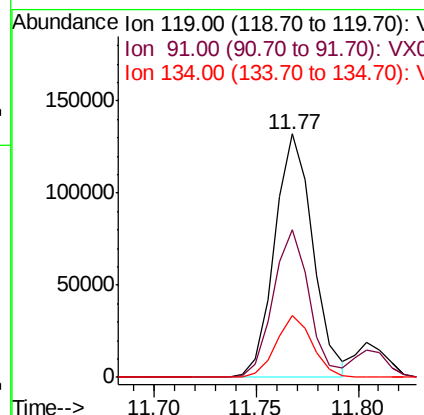
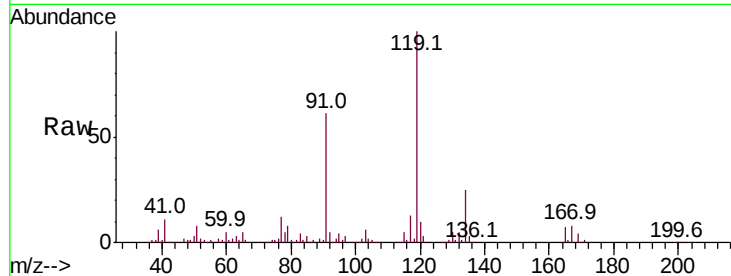
#83
tert-Butylbenzene
Concen: 19.134 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172329		
91	57.9	28.6	85.8	
134	24.0	11.6	34.8	

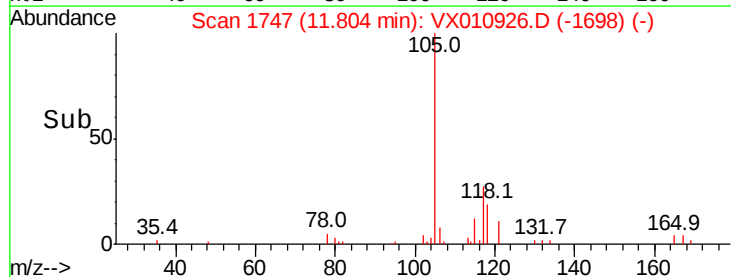
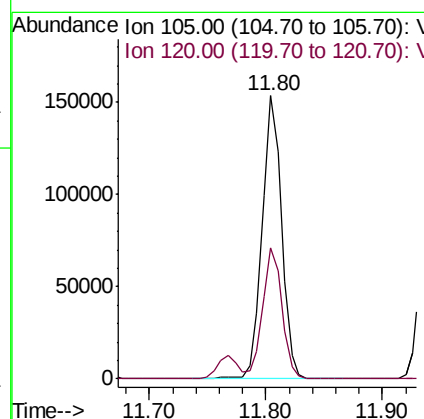
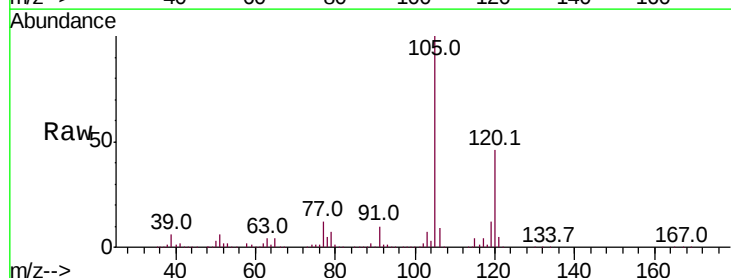
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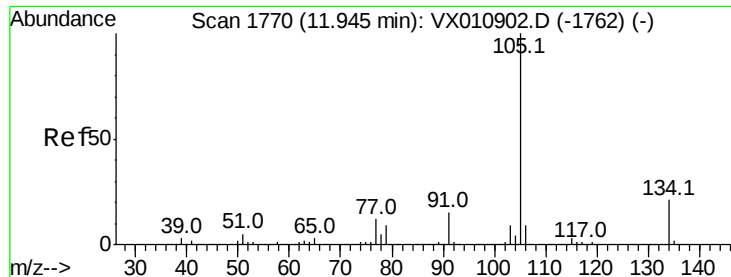
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#84
1,2,4-Trimethylbenzene
Concen: 19.550 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180676		
120	46.4	22.9	68.5	





#85

sec-Butylbenzene

Concen: 19.590 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion:105 Resp: 206735

Ion Ratio Lower Upper

105 100

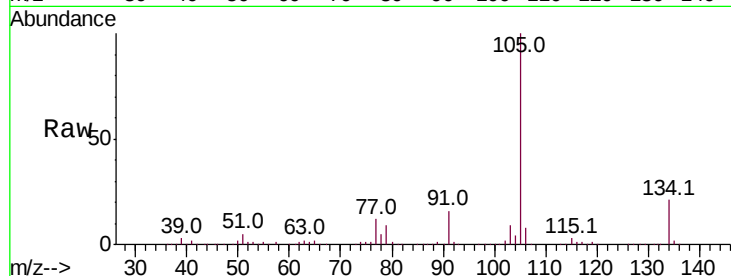
134 20.8 10.4 31.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

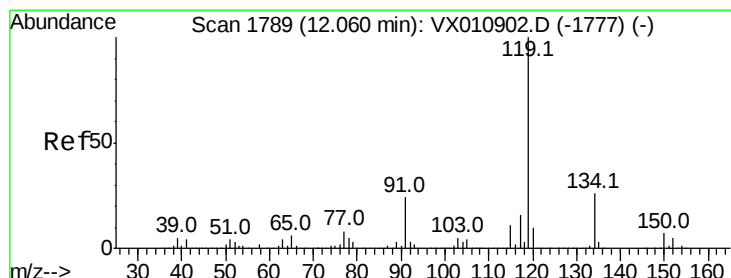
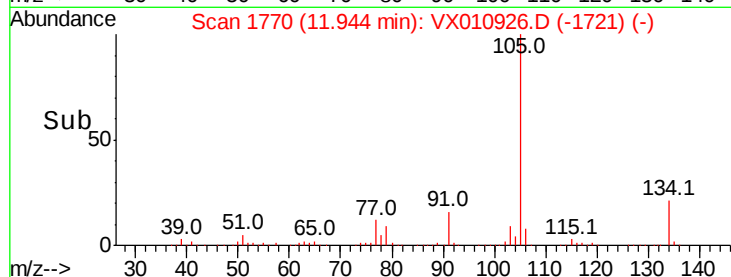
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.461 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

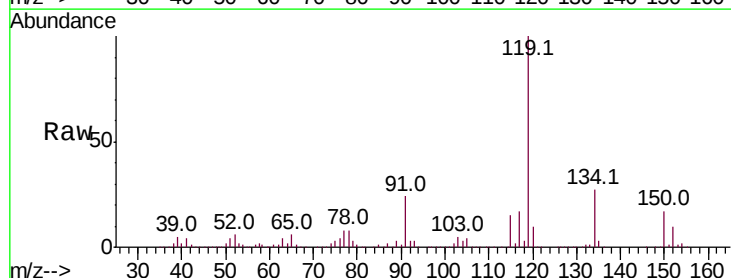
Tgt Ion:119 Resp: 189864

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

91 23.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

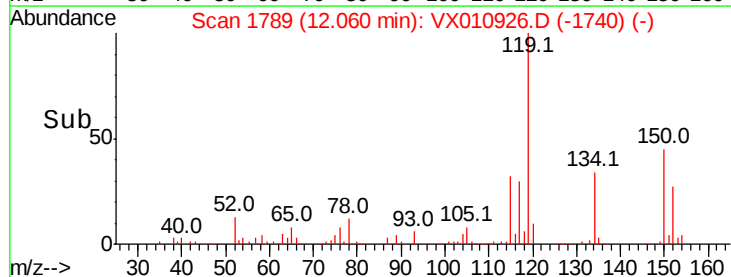
50000

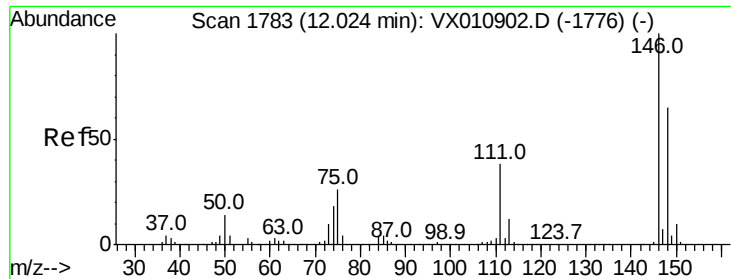
0

12.00

12.10

Time-->





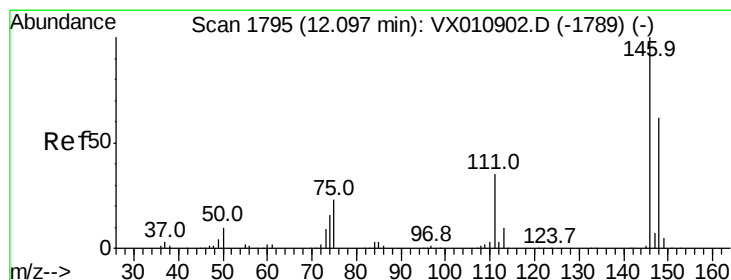
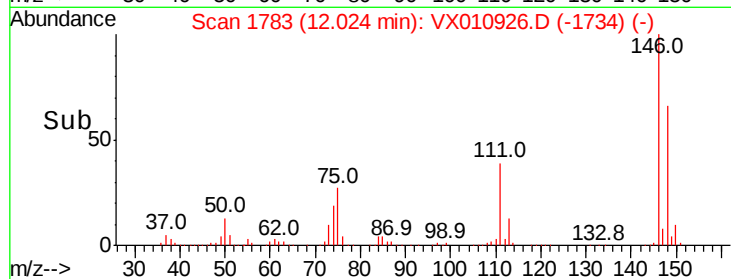
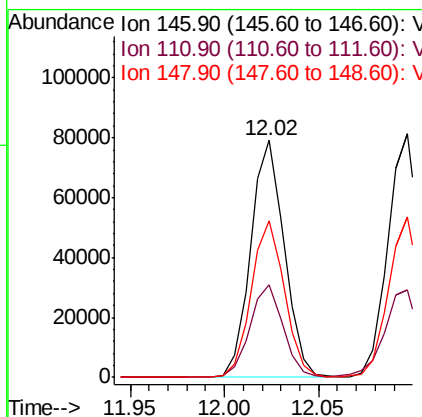
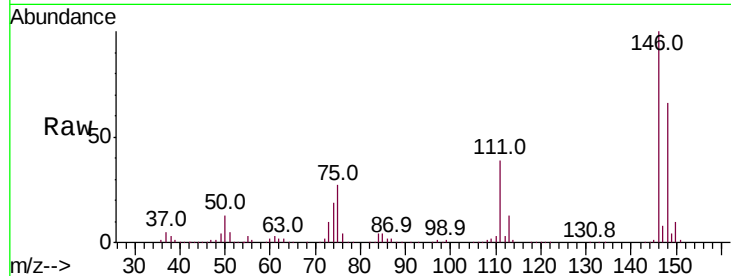
#87
 1,3-Dichlorobenzene
 Concen: 18.576 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	65.1	32.2	96.6

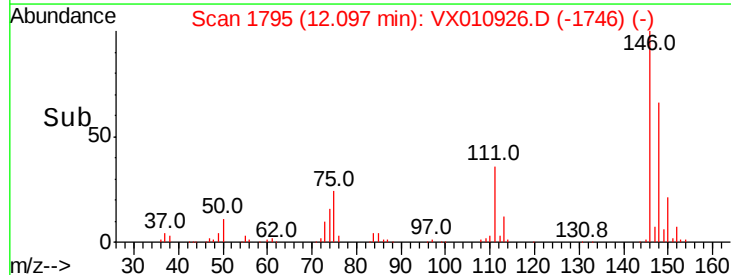
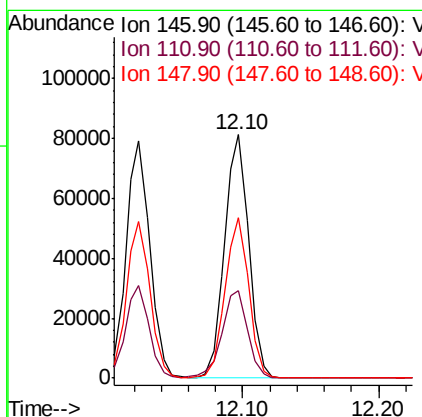
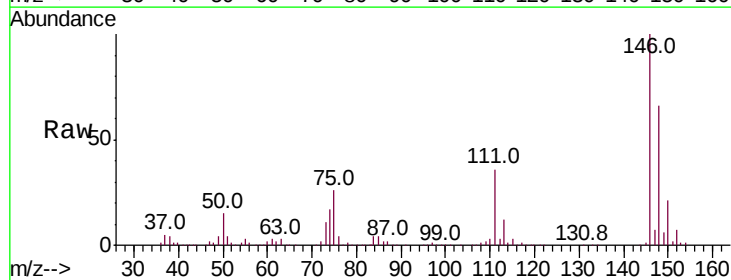
Manual Integrations
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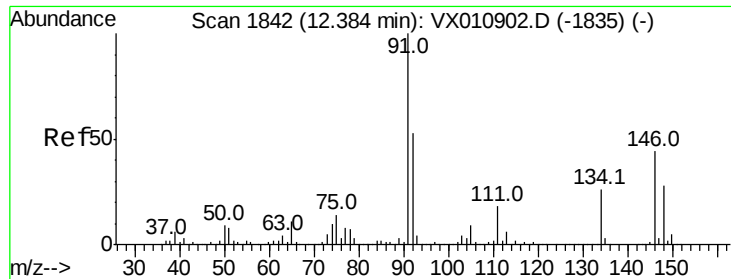
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#88
 1,4-Dichlorobenzene
 Concen: 18.568 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.6	55.8
148	64.6	31.6	94.7





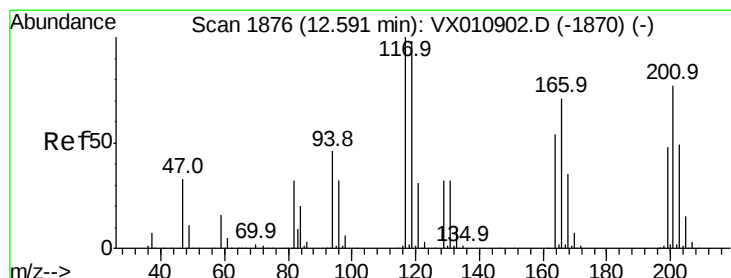
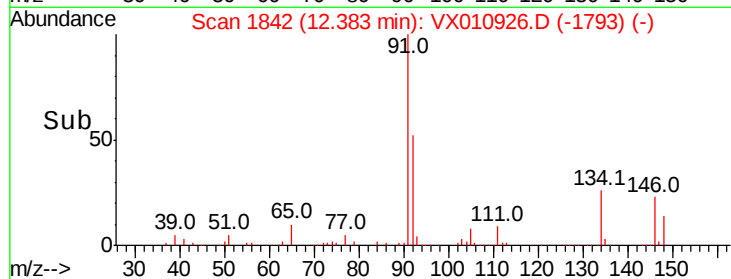
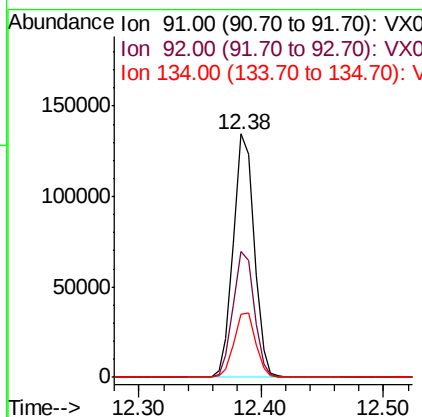
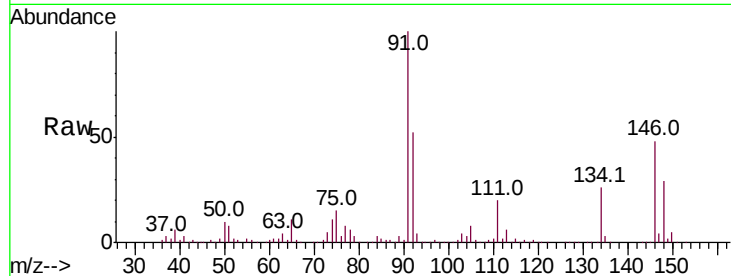
#89
n-Butylbenzene
Concen: 19.002 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	27.3	13.8	41.3

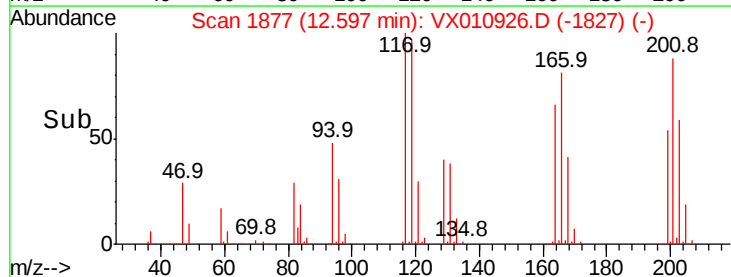
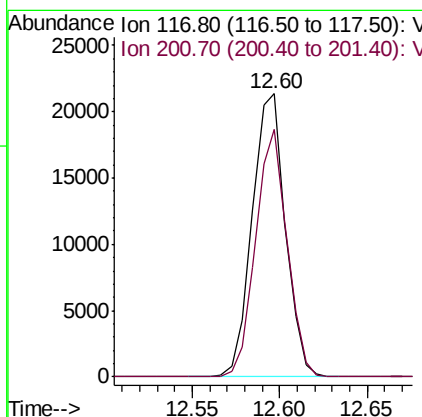
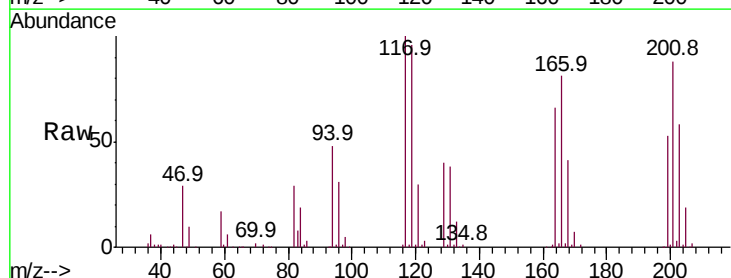
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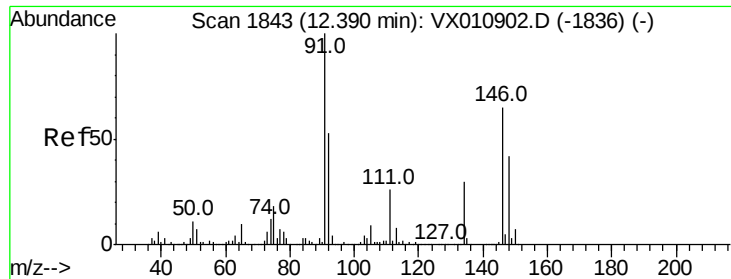
MMDadoda
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#90
Hexachloroethane
Concen: 18.337 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	43.3	129.8





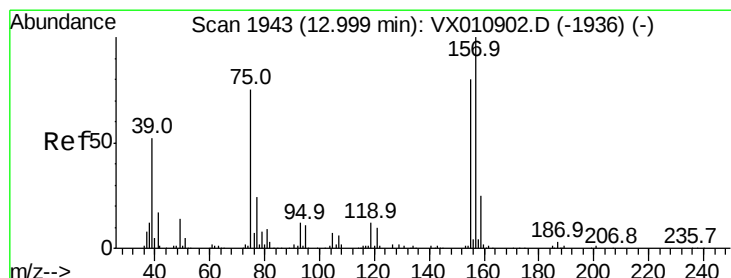
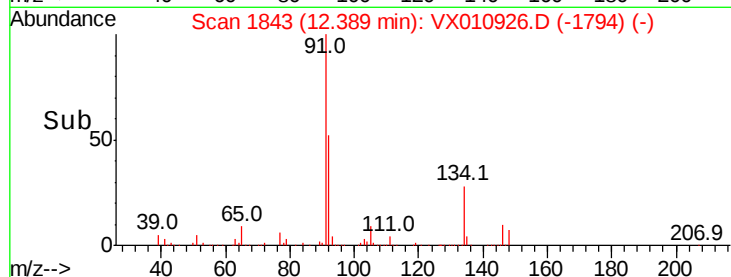
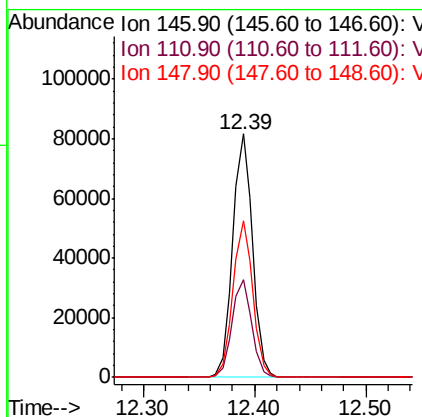
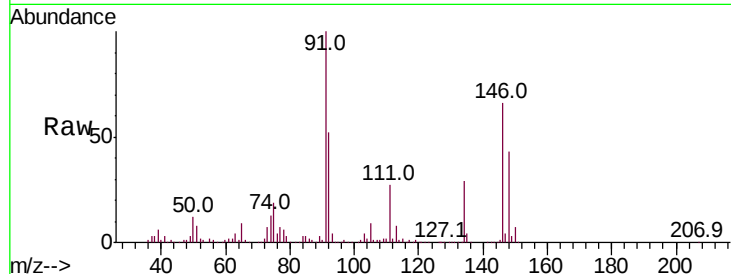
#91
 1,2-Dichlorobenzene
 Concen: 19.311 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.1	32.0	96.2

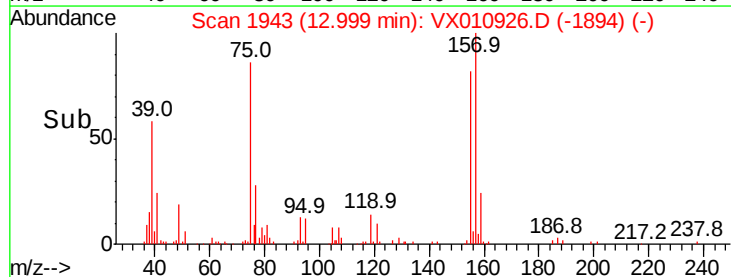
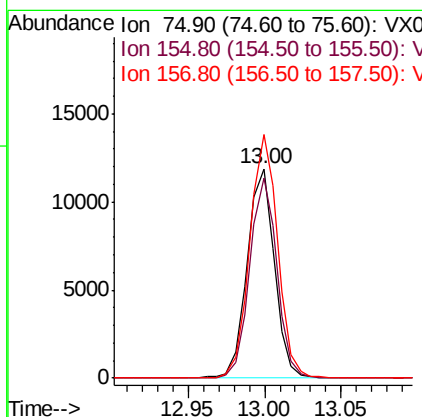
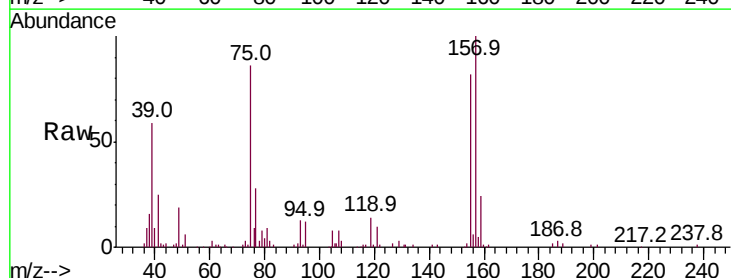
Manual Integrations
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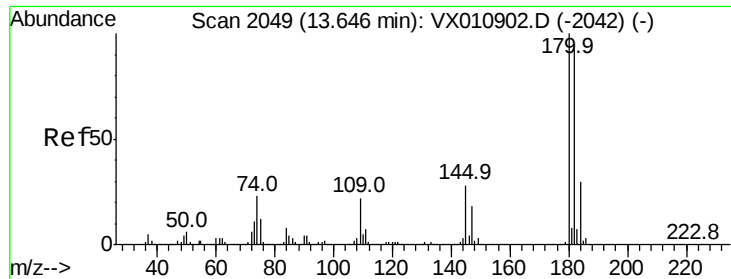
MMDadoda
 7/22/2019 10:58:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.526 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	48.7	146.1
157	119.1	62.5	187.6





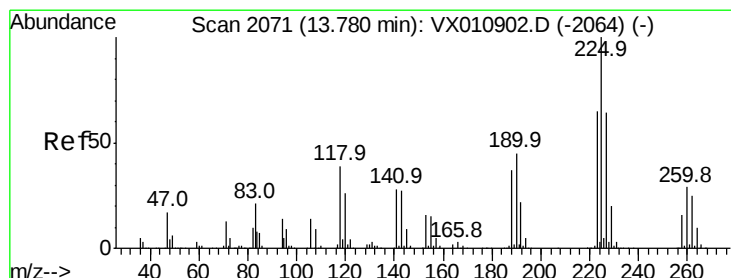
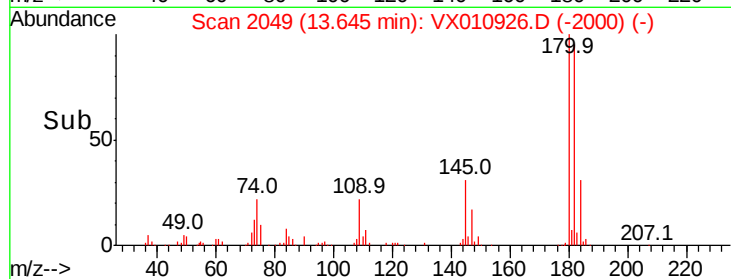
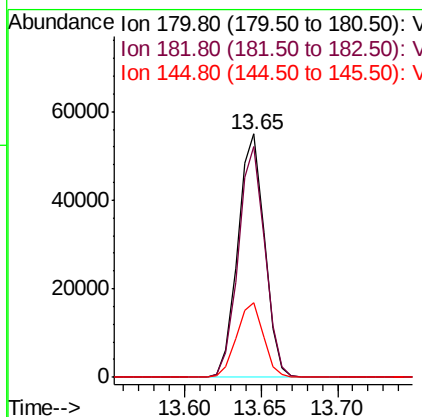
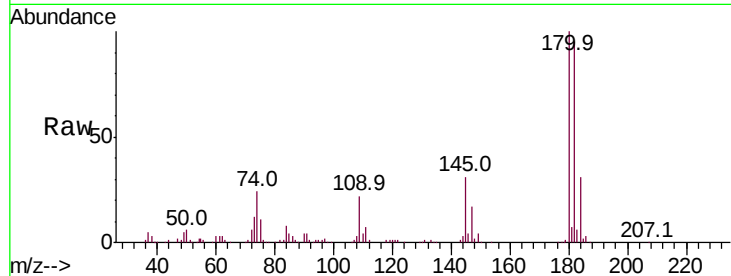
#93
1,2,4-Trichlorobenzene
Concen: 18.851 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.1	141.3	
145	30.7	14.8	44.4	

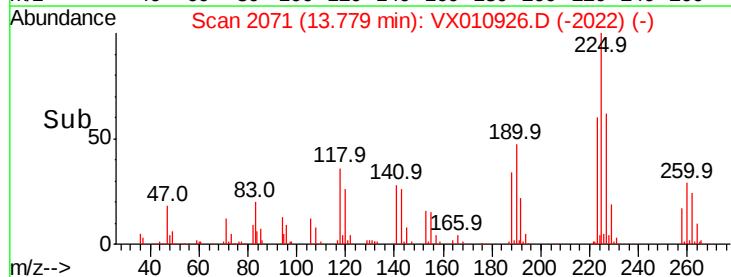
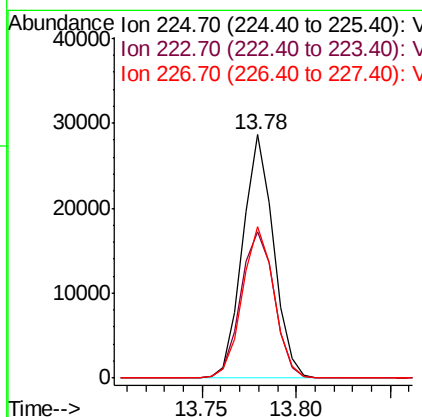
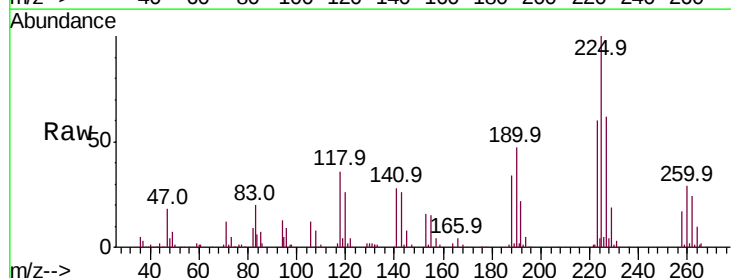
Manual Integrations
APPROVED

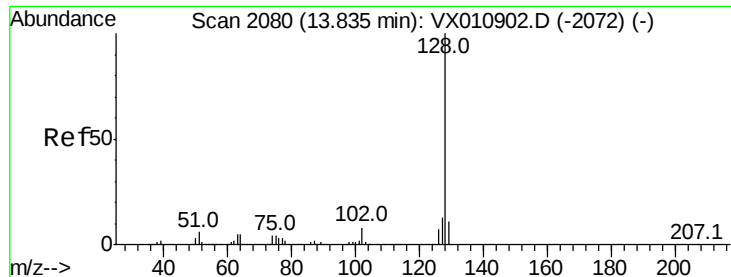
MMDadoda
7/22/2019 10:58:07 AM



#94
Hexachlorobutadiene
Concen: 18.669 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.2	31.9	95.9	
227	64.0	32.5	97.4	





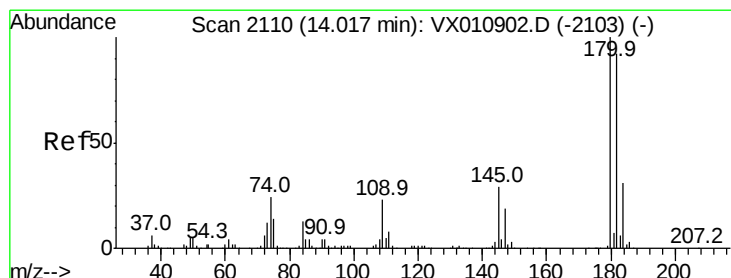
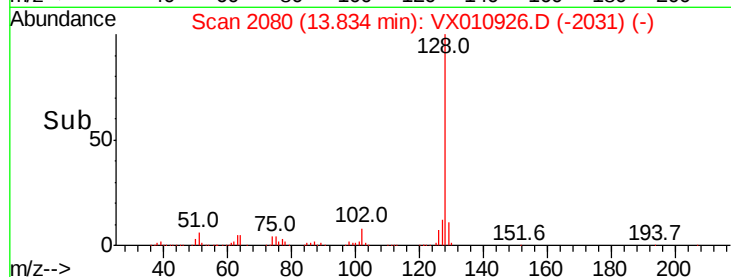
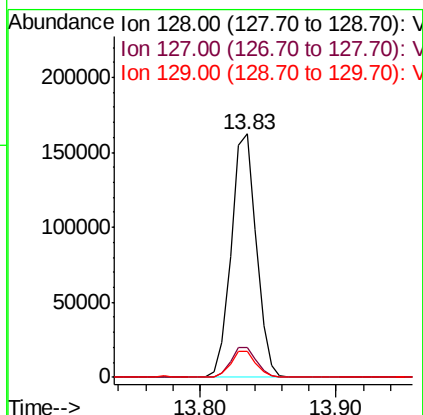
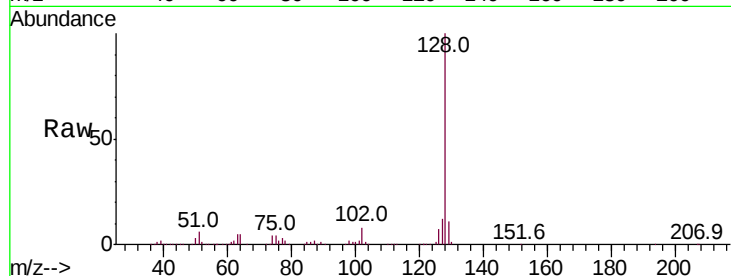
#95
Naphthalene
Concen: 19.951 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/22/2019 10:58:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.386 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.3
145	30.6	15.1	45.3

