

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005248.D
 Acq On : 11 Oct 2018 11:40
 Operator : JC/MD
 Sample : VU1010WBS07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:05 AM

Quant Time: Oct 11 12:54:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145928	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140025	61.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.54%	
35) Dibromofluoromethane	5.50	113	111183	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.72	98	380139	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.14	95	146612	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	32061	14.82	ug/l	98
3) Chloromethane	1.32	50	50568	19.26	ug/l	99
4) Vinyl Chloride	1.40	62	44539	18.09	ug/l	98
5) Bromomethane	1.64	94	29229	20.02	ug/l	97
6) Chloroethane	1.71	64	31034	21.82	ug/l	96
7) Trichlorofluoromethane	1.92	101	53047	17.40	ug/l	97
8) Diethyl Ether	2.19	74	28534	21.55	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25787	14.85	ug/l	98
10) Methyl Iodide	2.51	142	40991	17.64	ug/l	91
11) Tert butyl alcohol	3.07	59	74276	117.19	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30170	17.55	ug/l	95
13) Acrolein	2.29	56	38975	86.43	ug/l	93
14) Allyl chloride	2.73	41	80780	21.53	ug/l	95
15) Acrylonitrile	3.15	53	166509	119.34	ug/l	95
16) Acetone	2.45	43	165946	125.39	ug/l	96
17) Carbon Disulfide	2.57	76	84520	16.36	ug/l	100
18) Methyl Acetate	2.78	43	90362	26.95	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	143000	24.11	ug/l	95
20) Methylene Chloride	2.85	84	44342	22.58	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	36230	19.25	ug/l	84
22) Diisopropyl ether	3.89	45	142416	22.54	ug/l #	85
23) Vinyl Acetate	3.82	43	680897	117.75	ug/l #	93
24) 1,1-Dichloroethane	3.70	63	78631	20.87	ug/l	98
25) 2-Butanone	4.71	43	221921	113.76	ug/l	94
26) 2,2-Dichloropropane	4.58	77	51827	19.75	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	41272	19.63	ug/l	95
28) Bromochloromethane	5.03	49	35796	20.17	ug/l	97
29) Tetrahydrofuran	5.16	42	138254	114.03	ug/l	98
30) Chloroform	5.21	83	73744	20.71	ug/l	98
31) Cyclohexane	5.57	56	40469	14.03	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	55423	19.06	ug/l	95
36) 1,1-Dichloropropene	5.80	75	42606	13.72	ug/l	93
37) Ethyl Acetate	4.86	43	75749	18.38	ug/l	98
38) Carbon Tetrachloride	5.78	117	45788	14.03	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34983	11.03	ug/l	90
40) Benzene	6.14	78	151475	15.58	ug/l	95
41) Methacrylonitrile	5.06	41	41542	18.18	ug/l #	96
42) 1,2-Dichloroethane	6.20	62	62261	18.12	ug/l	98
43) Isopropyl Acetate	6.47	43	104381	17.55	ug/l	97
44) Trichloroethene	7.21	130	38502	16.11	ug/l	95
45) 1,2-Dichloropropane	7.52	63	42712	17.92	ug/l	97
46) Dibromomethane	7.66	93	29512	19.70	ug/l	98
47) Bromodichloromethane	7.90	83	54866	19.56	ug/l	98
48) Methyl methacrylate	7.78	41	55028	20.38	ug/l	99
49) 1,4-Dioxane	7.76	88	23598	351.81	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	392989	104.92	ug/l	99
52) Toluene	8.79	92	95375	17.86	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58016	18.30	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	65929	19.86	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45066	19.26	ug/l	96
56) Ethyl methacrylate	9.18	69	63342	18.59	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74042	19.02	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	170633	94.07	ug/l	99
59) 2-Hexanone	9.50	43	314565	100.79	ug/l	93
60) Dibromochloromethane	9.59	129	45052	19.26	ug/l	97
61) 1,2-Dibromoethane	9.67	107	46557	18.58	ug/l	95
64) Tetrachloroethene	9.34	164	36182	13.76	ug/l	94
65) Chlorobenzene	10.14	112	110156	16.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40925	16.99	ug/l	99
67) Ethyl Benzene	10.26	91	168889	15.52	ug/l	95
68) m/p-Xylenes	10.36	106	133294	31.35	ug/l	96
69) o-Xylene	10.70	106	65427	16.76	ug/l	99
70) Styrene	10.71	104	114238	17.11	ug/l	99
71) Bromoform	10.86	173	37330	18.10	ug/l	96
73) Isopropylbenzene	11.02	105	164555	17.89	ug/l	99
74) N-amyl acetate	10.90	43	91251	19.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74722	19.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	68699m	21.00	ug/l	
77) Bromobenzene	11.26	156	52687	19.72	ug/l	99
78) n-propylbenzene	11.36	91	185111	17.54	ug/l	99
79) 2-Chlorotoluene	11.42	91	123692	18.80	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	144837	17.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20223	18.18	ug/l	97
82) 4-Chlorotoluene	11.51	91	145865	18.84	ug/l	99
83) tert-Butylbenzene	11.77	119	137862	18.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	153685	17.55	ug/l	99
85) sec-Butylbenzene	11.94	105	155994	16.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	140972	16.87	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	92539	18.55	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94664	18.38	ug/l	98
89) n-Butylbenzene	12.39	91	115225	15.18	ug/l	99
90) Hexachloroethane	12.60	117	24727	17.77	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	97014	18.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17756	21.60	ug/l	98

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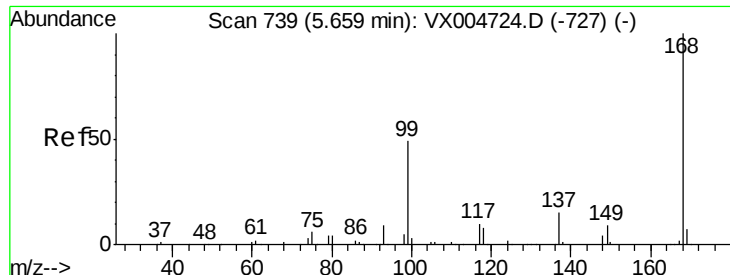
Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65290	17.85	ug/l	100
94) Hexachlorobutadiene	13.79	225	25384	13.39	ug/l	98
95) Naphthalene	13.83	128	217170	18.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71076	18.81	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion:168 Resp: 158684

Ion Ratio Lower Upper

168 100

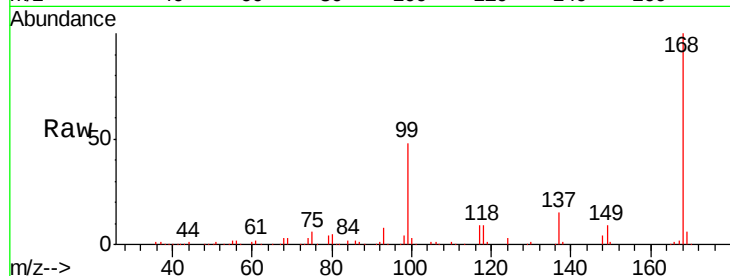
99 47.9 39.3 58.9

Manual Integrations

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10/12/2018 11:45:05 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

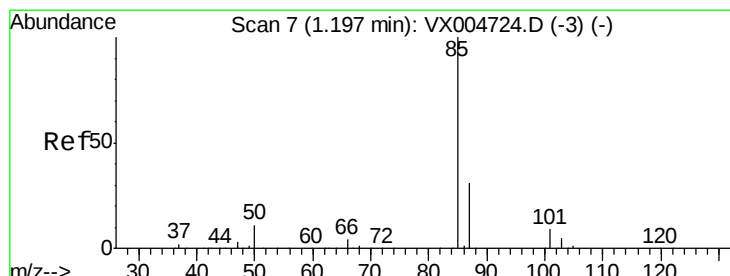
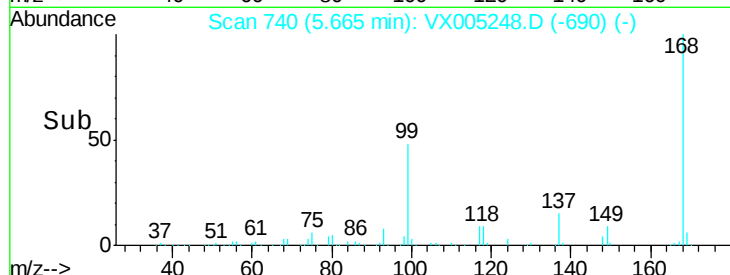
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 14.82 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005248.D

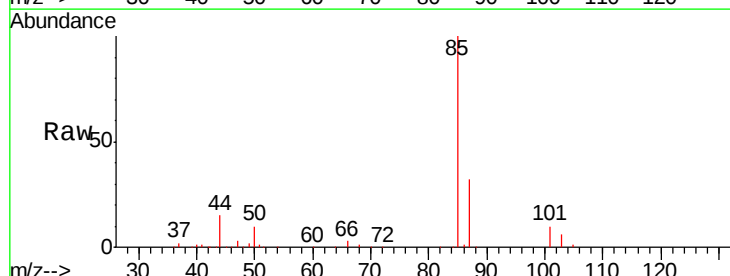
Acq: 11 Oct 2018 11:40

Tgt Ion: 85 Resp: 32061

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

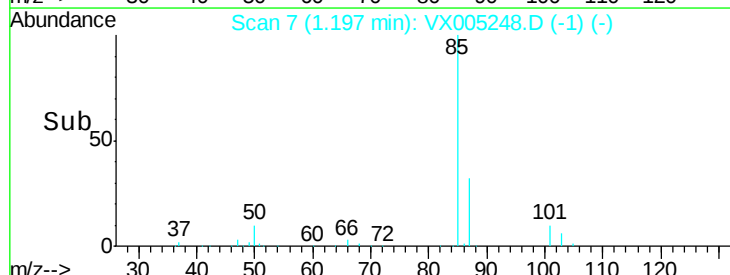
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.26 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 50 Resp: 50568

Ion Ratio Lower Upper

50 100

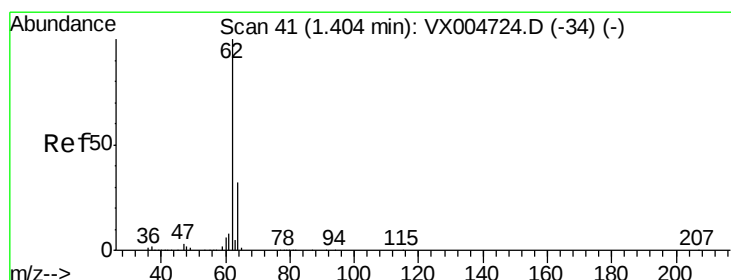
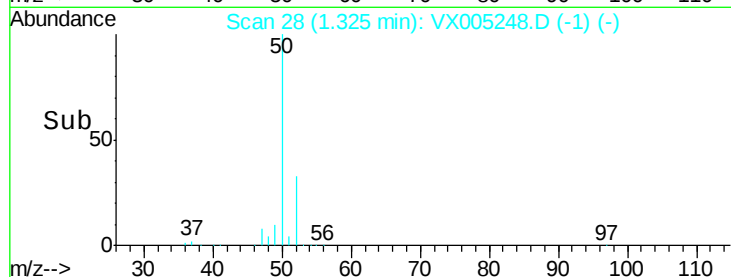
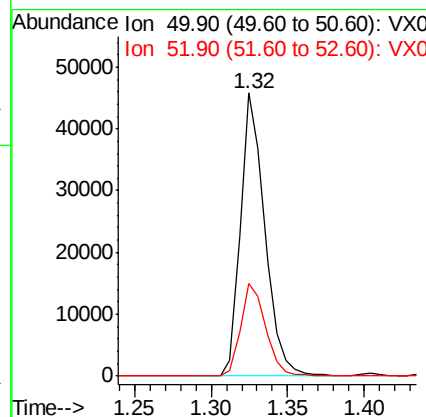
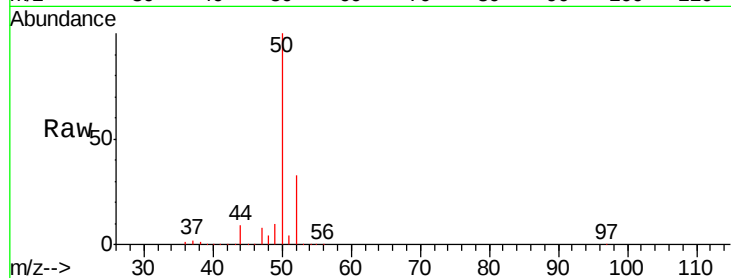
52 32.8 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.09 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005248.D

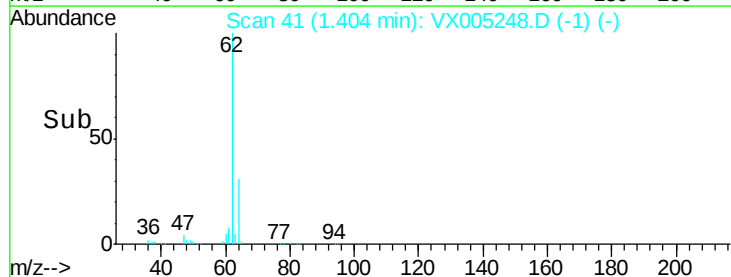
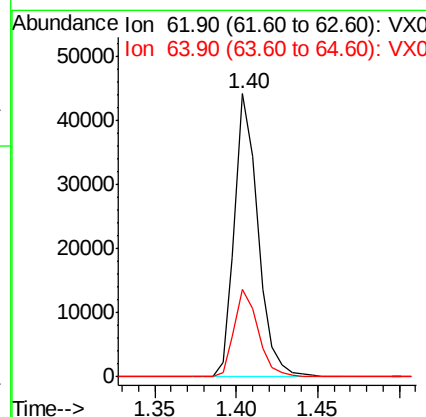
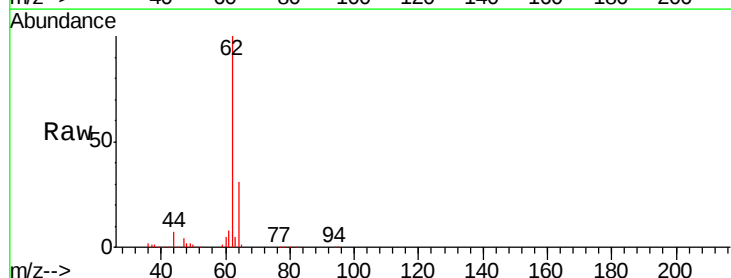
Acq: 11 Oct 2018 11:40

Tgt Ion: 62 Resp: 44539

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 20.02 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 94 Resp: 29229

Ion Ratio Lower Upper

94 100

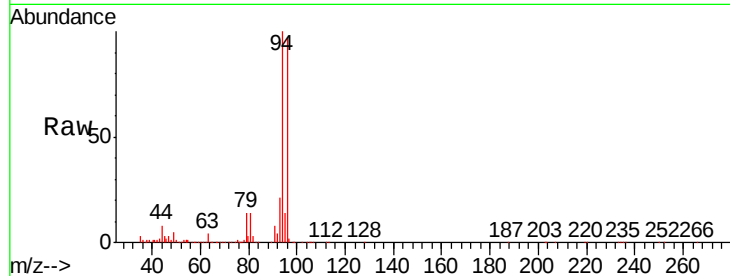
96 96.8 79.5 119.3

Manual Integrations

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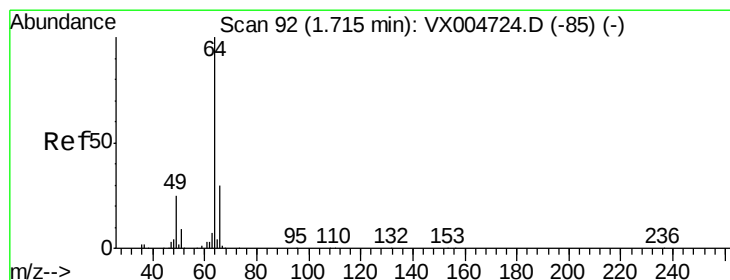
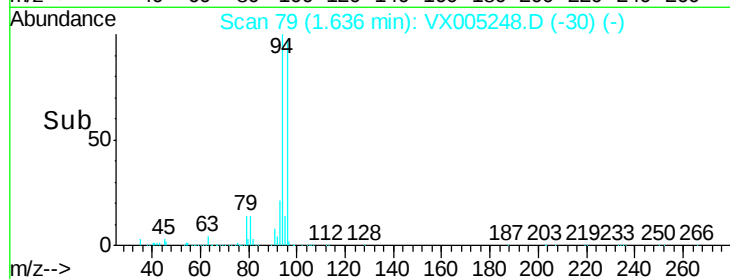
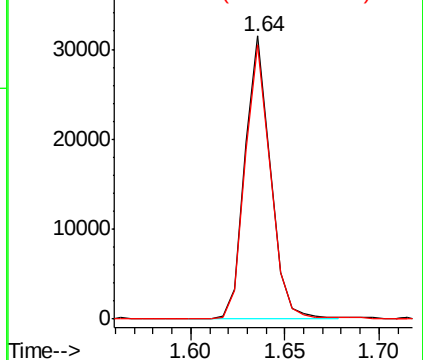
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.82 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005248.D

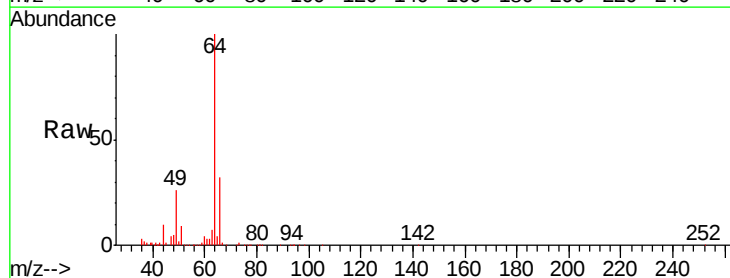
Acq: 11 Oct 2018 11:40

Tgt Ion: 64 Resp: 31034

Ion Ratio Lower Upper

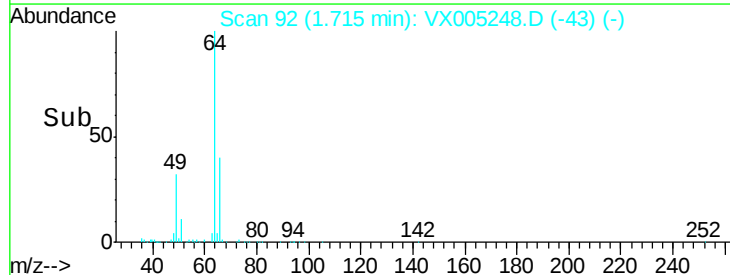
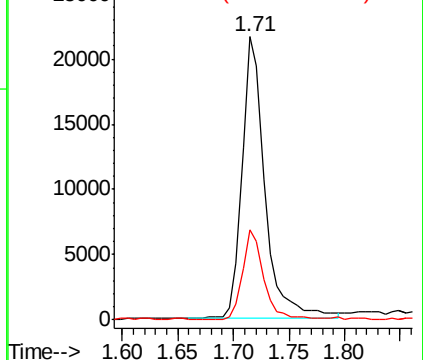
64 100

66 32.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

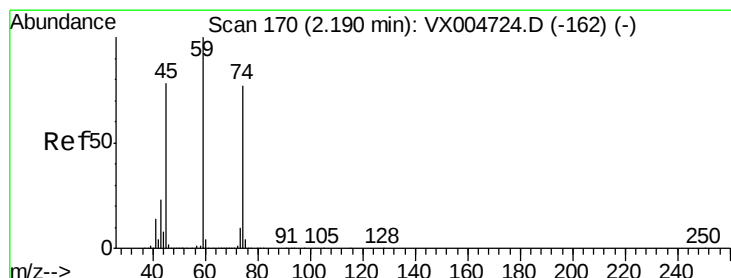
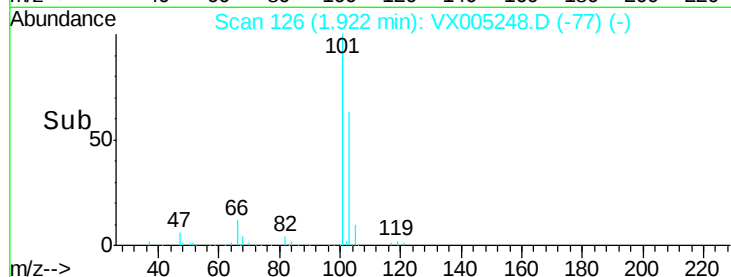
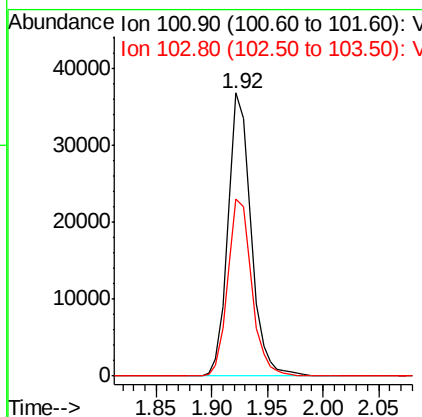
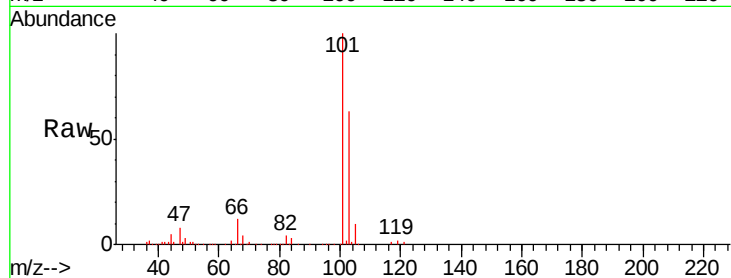
Trichlorofluoromethane
 Concen: 17.40 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

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 VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.5	48.4	72.6

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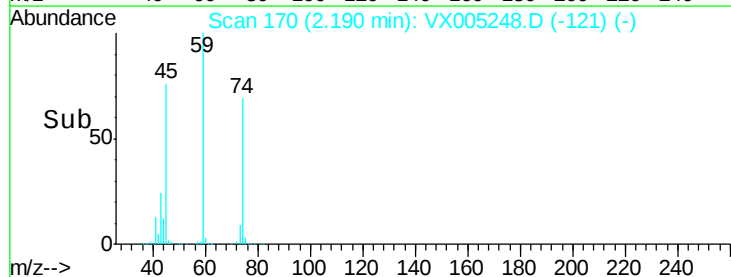
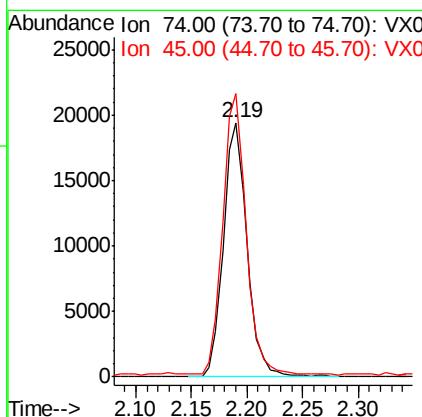
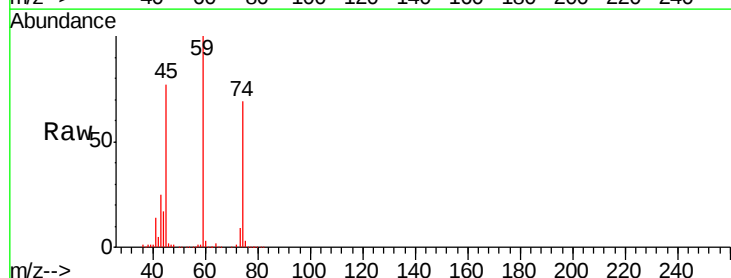
MMDadoda
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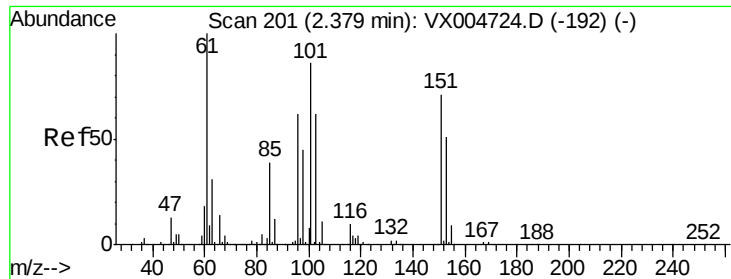


#8

Diethyl Ether
 Concen: 21.55 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.5	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.85 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

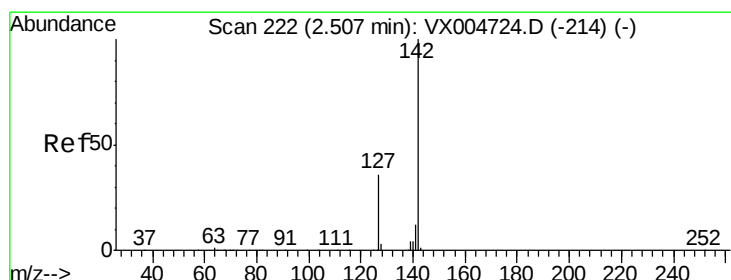
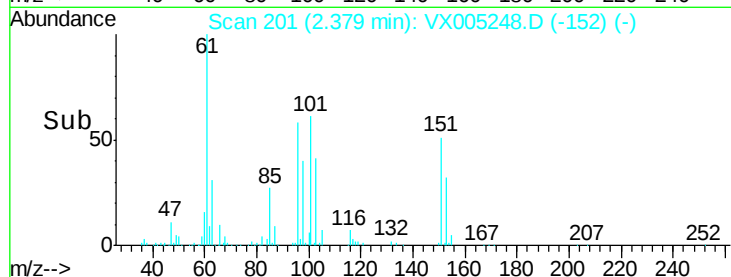
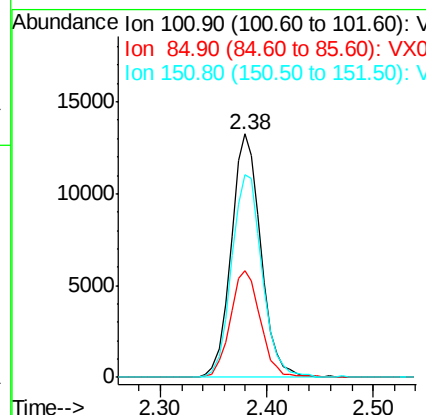
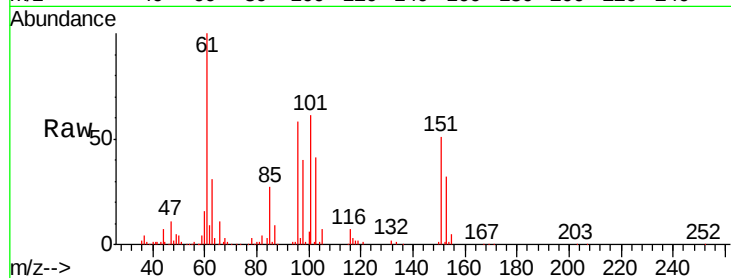
ClientSampleId :

VU1010WBS07

Tgt Ion:	101	Resp:	25787
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.9	53.9
151	85.9	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 17.64 ug/l

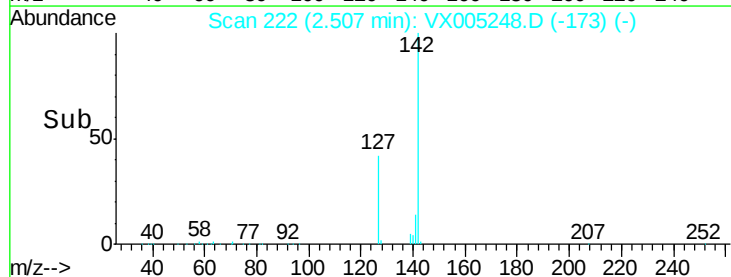
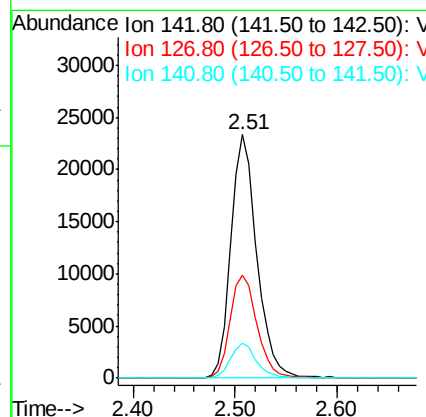
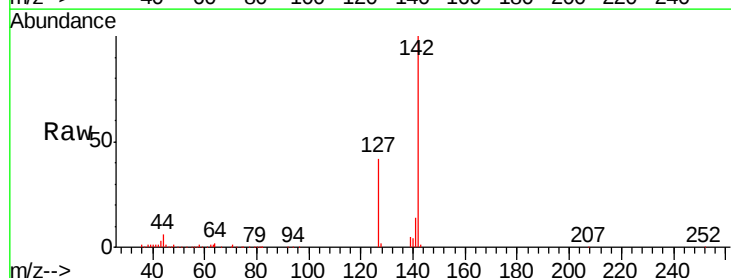
RT: 2.51 min Scan# 222

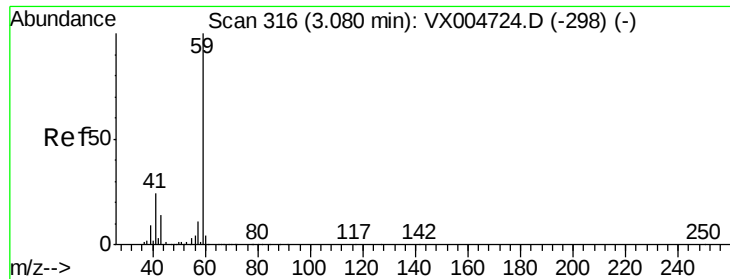
Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	142	Resp:	40991
Ion Ratio	Lower	Upper	
142	100		
127	44.1	30.1	45.1
141	14.3	10.1	15.1





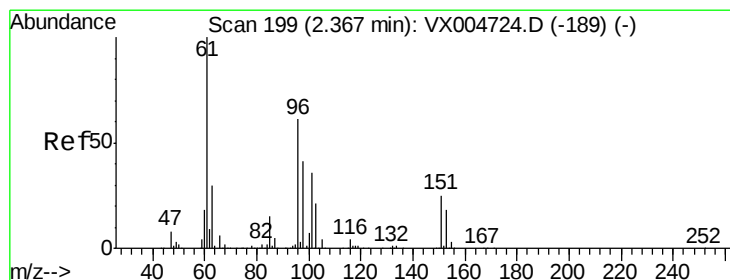
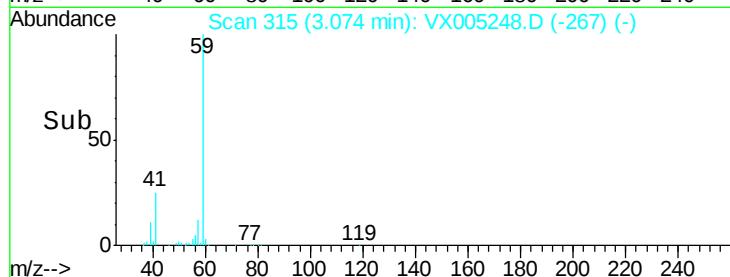
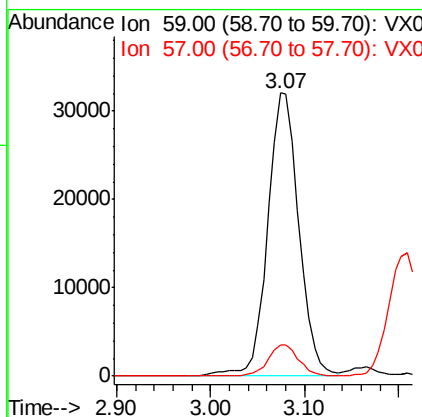
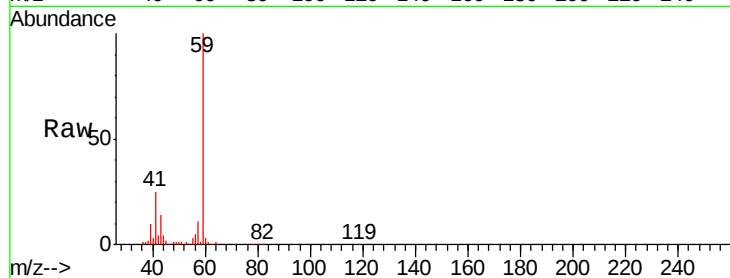
#11
Tert butyl alcohol
Concen: 117.19 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion: 59 Resp: 74276
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

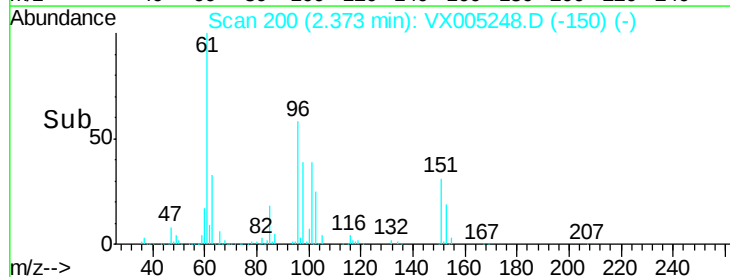
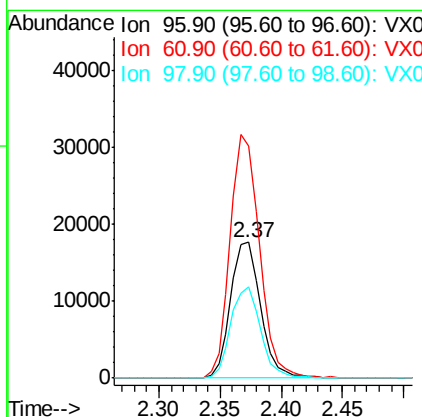
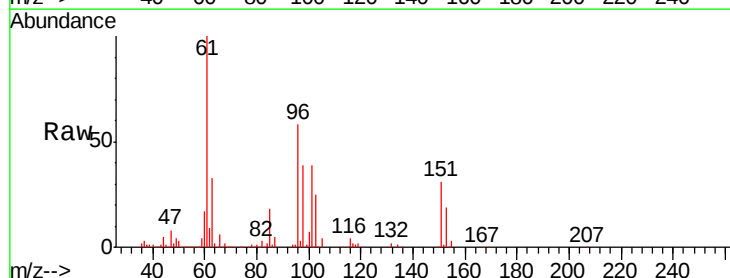
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#12
1,1-Dichloroethene
Concen: 17.55 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 96 Resp: 30170
Ion Ratio Lower Upper
96 100
61 171.3 130.2 195.4
98 66.9 53.4 80.0





#13

Acrolein

Concen: 86.43 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 56 Resp: 38975

Ion Ratio Lower Upper

56 100

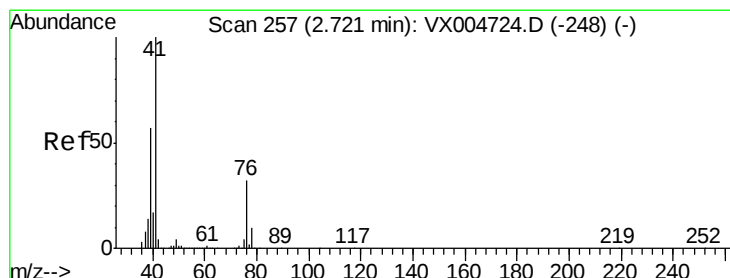
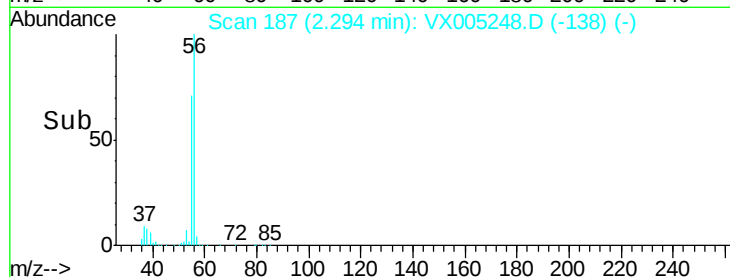
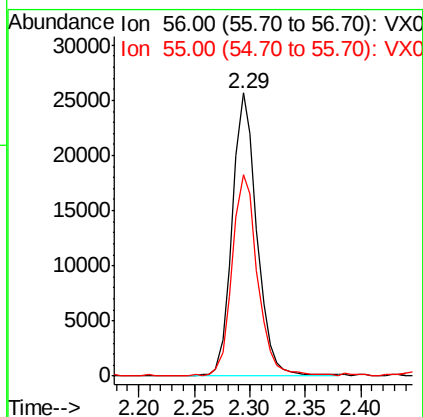
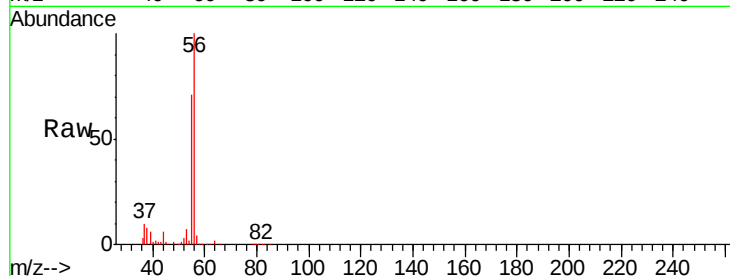
55 73.1 63.4 95.2

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#14

Allyl chloride

Concen: 21.53 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

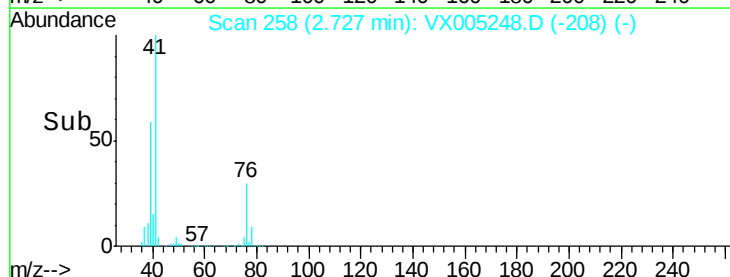
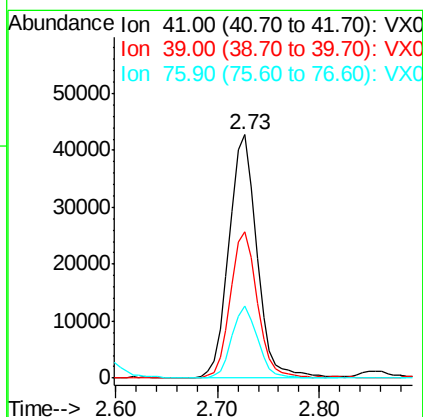
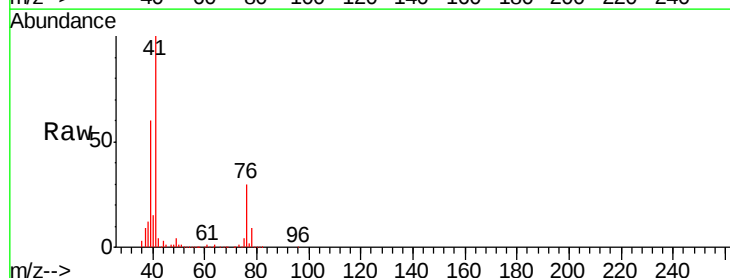
Tgt Ion: 41 Resp: 80780

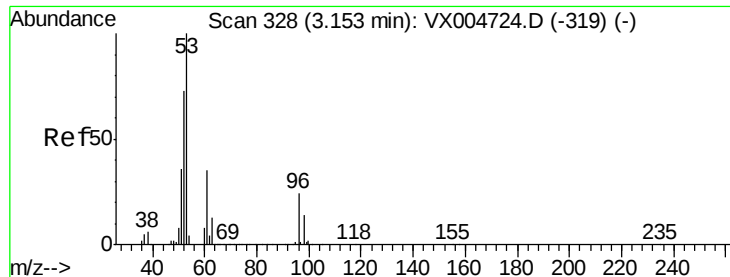
Ion Ratio Lower Upper

41 100

39 57.5 44.1 66.1

76 27.6 25.0 37.4





#15

Acrylonitrile

Concen: 119.34 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

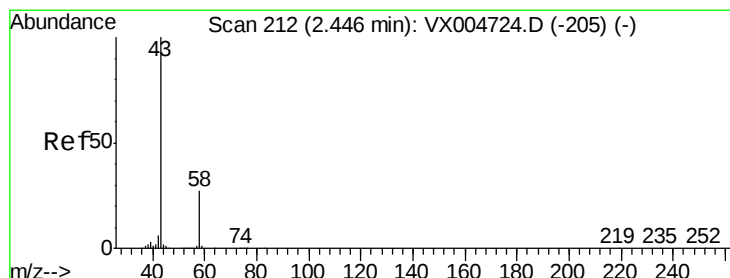
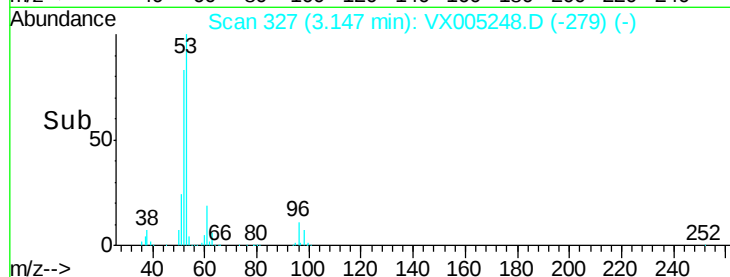
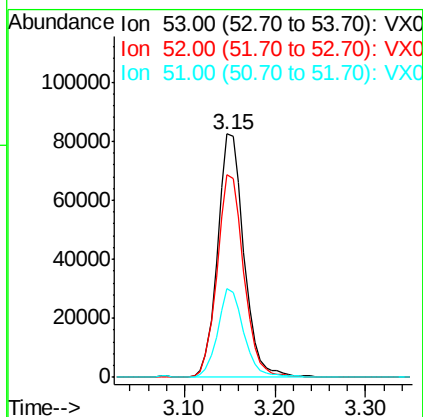
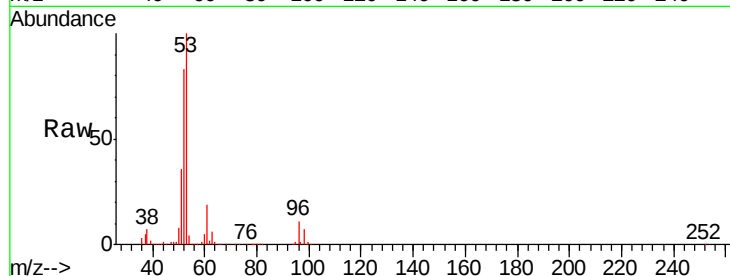
ClientSampleId :

VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.4	63.0	94.4
51	36.1	28.6	42.8

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#16

Acetone

Concen: 125.39 ug/l

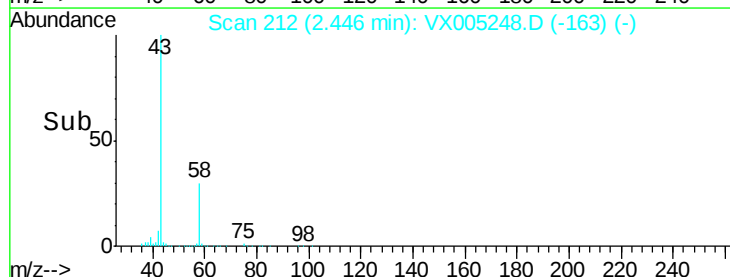
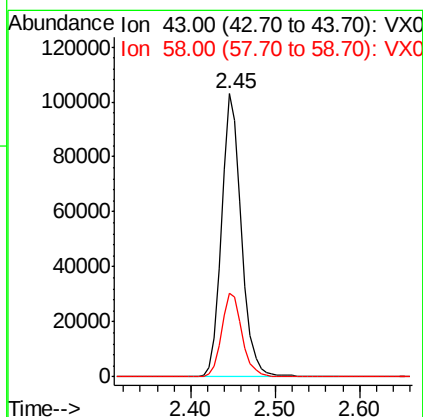
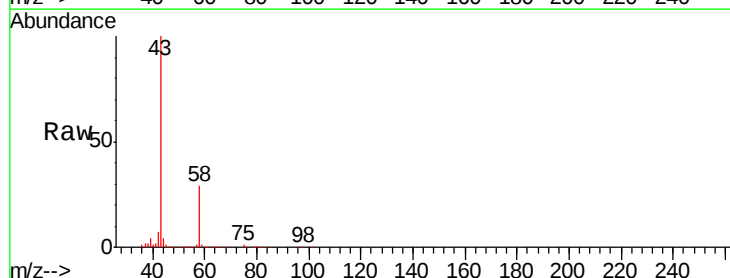
RT: 2.45 min Scan# 212

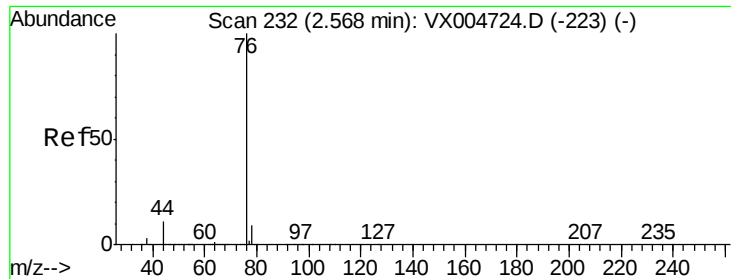
Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	21.8	32.6





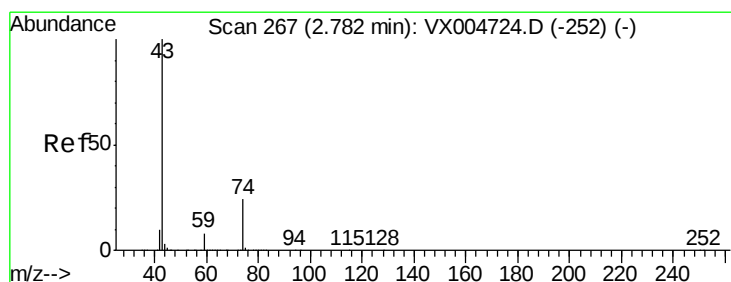
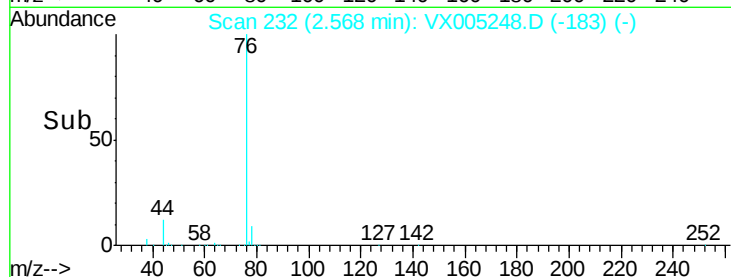
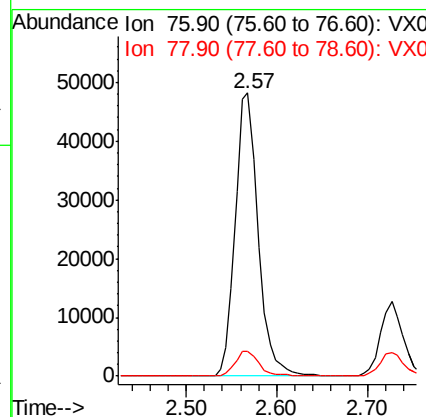
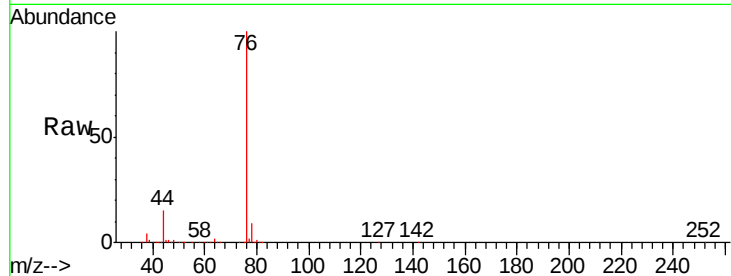
#17
Carbon Disulfide
Concen: 16.36 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

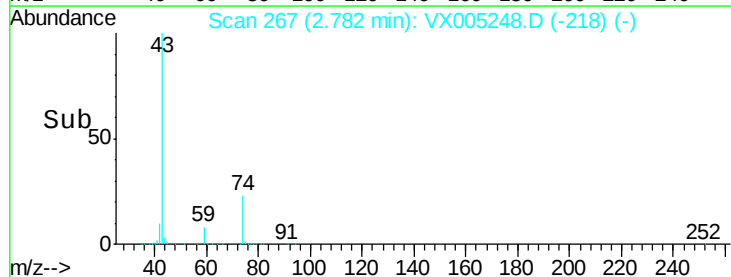
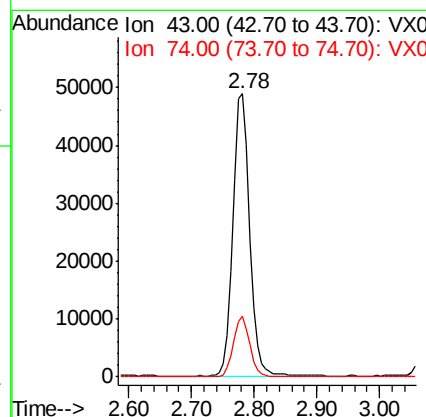
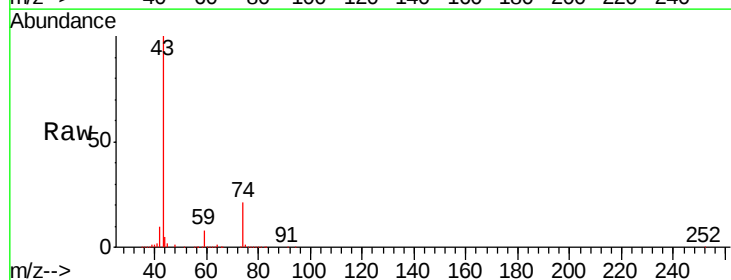
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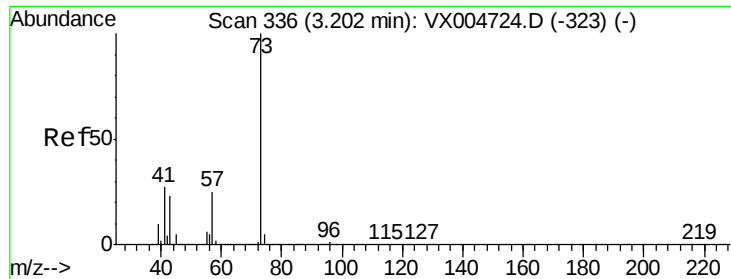
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#18
Methyl Acetate
Concen: 26.95 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.8	26.8





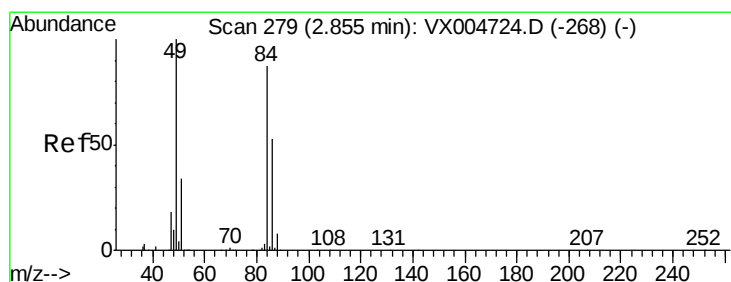
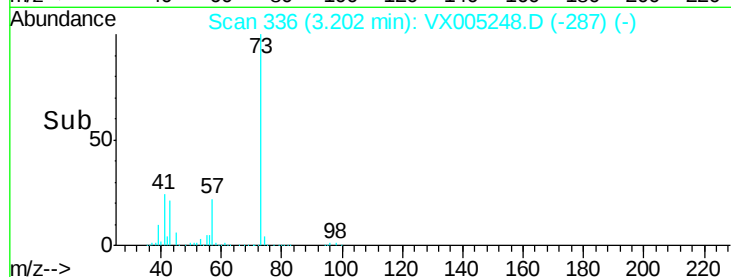
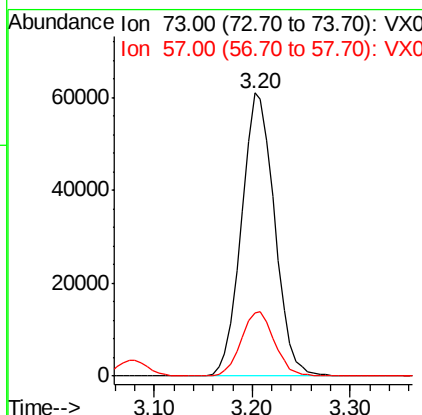
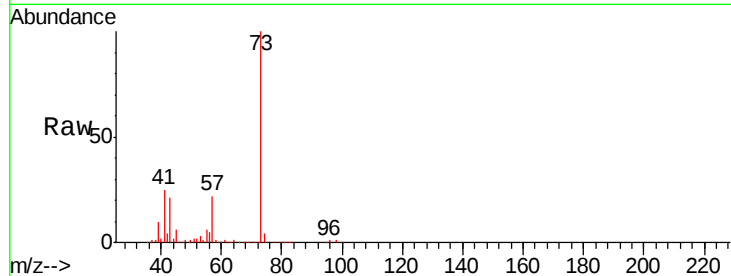
#19
Methyl tert-butyl Ether
Concen: 24.11 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion: 73 Resp: 143000
Ion Ratio Lower Upper
73 100
57 22.2 19.9 29.9

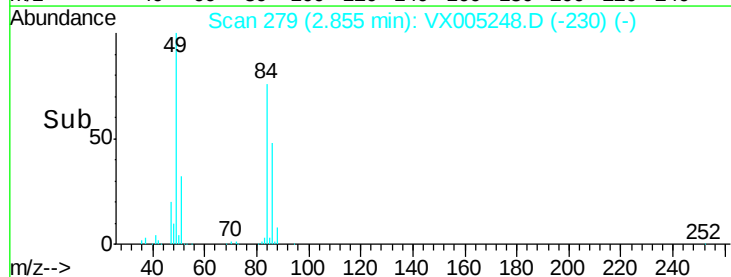
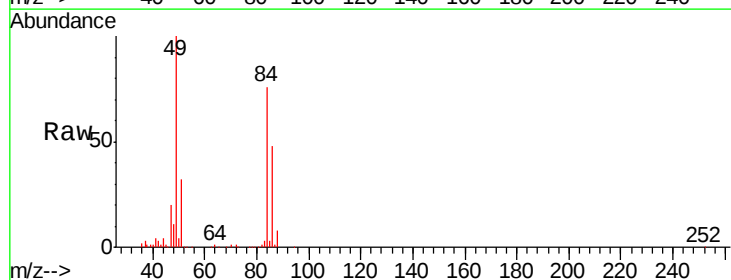
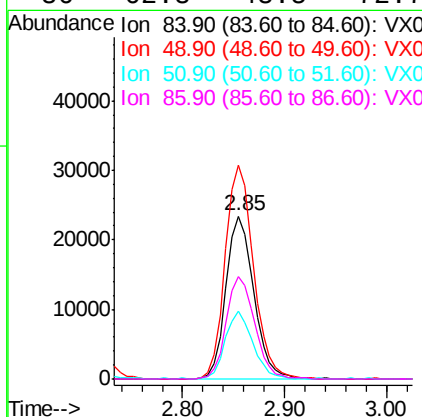
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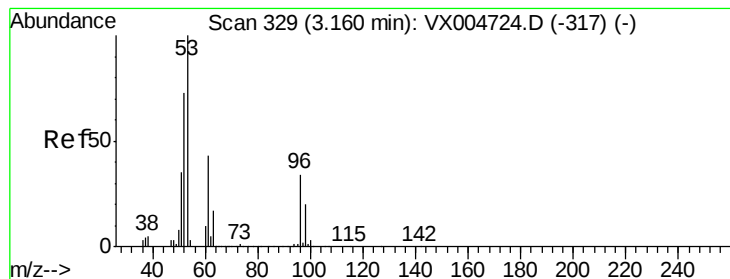
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#20
Methylene Chloride
Concen: 22.58 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 84 Resp: 44342
Ion Ratio Lower Upper
84 100
49 131.1 92.3 138.5
51 41.6 31.8 47.6
86 62.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 19.25 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

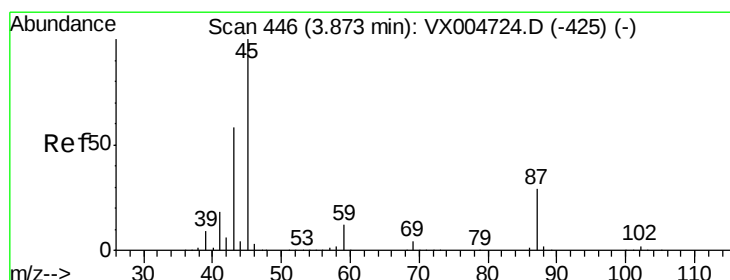
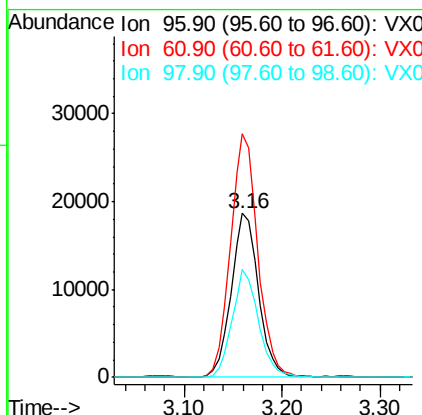
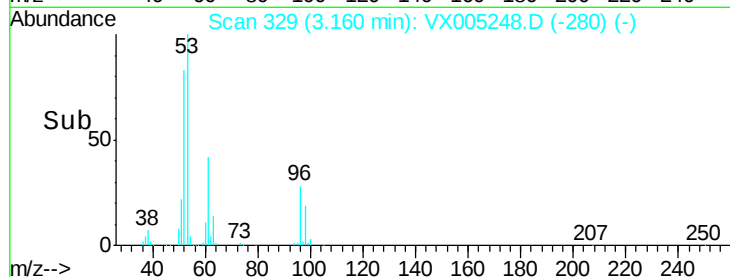
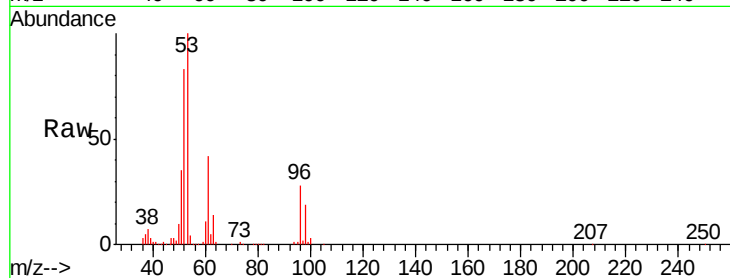
ClientSampleId :

VU1010WBS07

Tgt Ion:	96	Resp:	36230
Ion	Ratio	Lower	Upper
96	100		
61	148.1	101.0	151.6
98	65.8	47.2	70.8

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#22

Diisopropyl ether

Concen: 22.54 ug/l

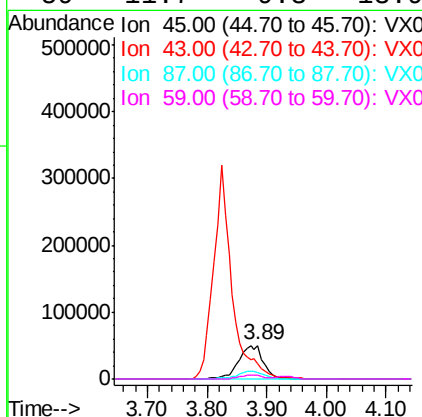
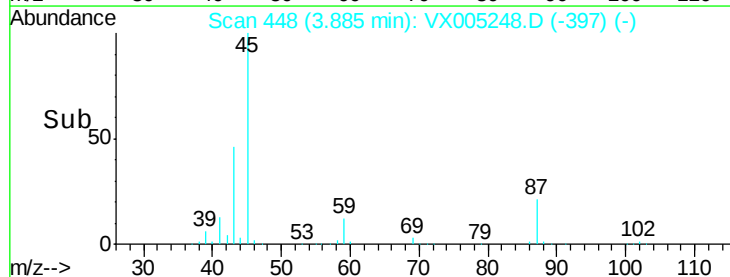
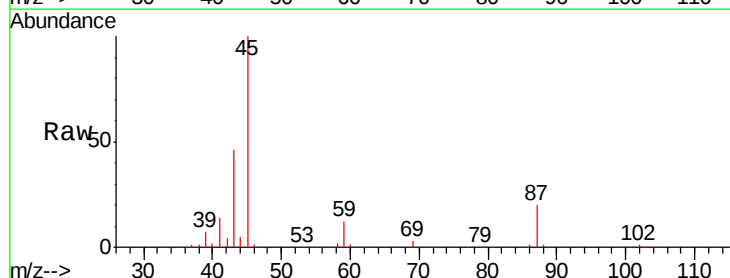
RT: 3.89 min Scan# 448

Delta R.T. 0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	45	Resp:	142416
Ion	Ratio	Lower	Upper
45	100		
43	45.6	46.7	70.1#
87	20.5	22.9	34.3#
59	11.7	9.3	13.9





#23

Vinyl Acetate

Concen: 117.75 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 43 Resp: 680897

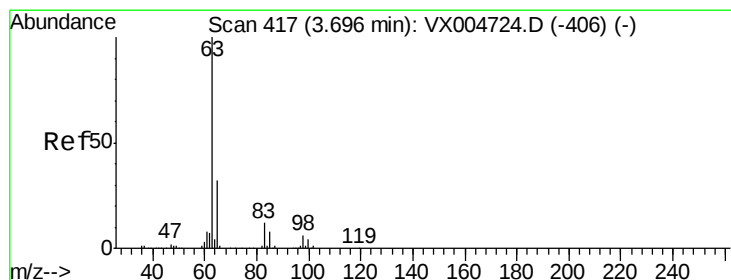
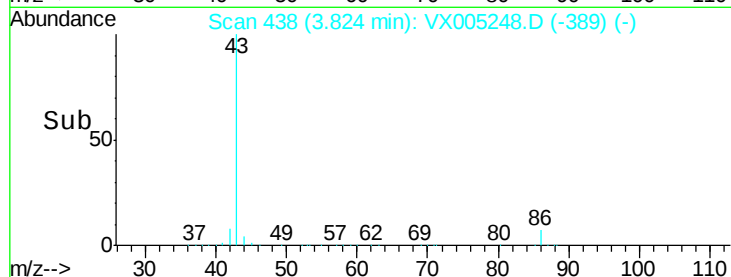
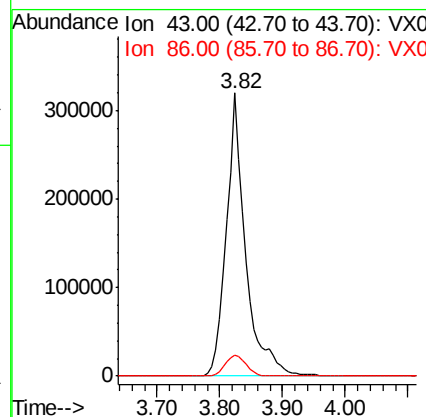
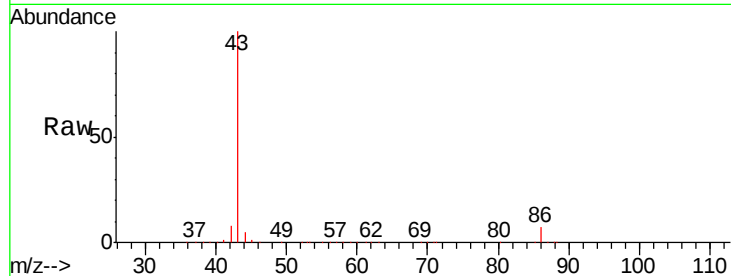
Ion Ratio Lower Upper

43 100

86 7.5 8.1 12.1#

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#24

1,1-Dichloroethane

Concen: 20.87 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

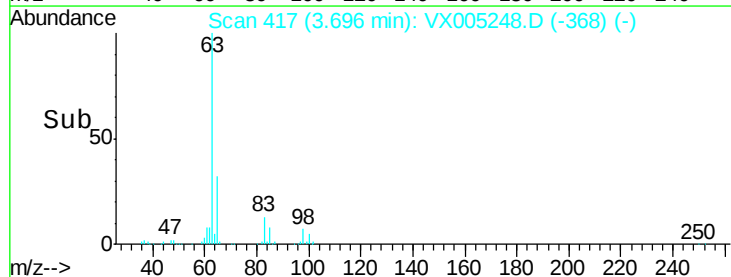
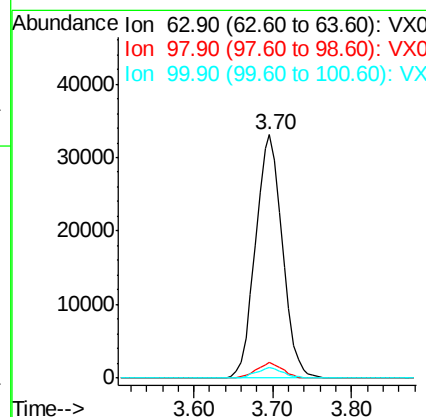
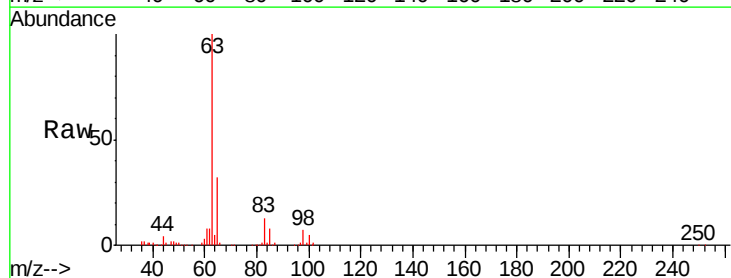
Tgt Ion: 63 Resp: 78631

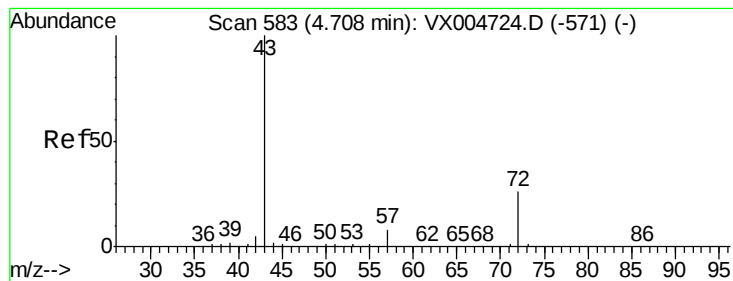
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 4.6 2.0 5.8





#25

2-Butanone

Concen: 113.76 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 43 Resp: 221921

Ion Ratio Lower Upper

43 100

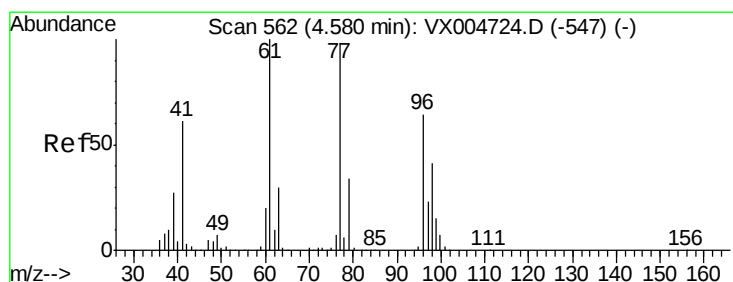
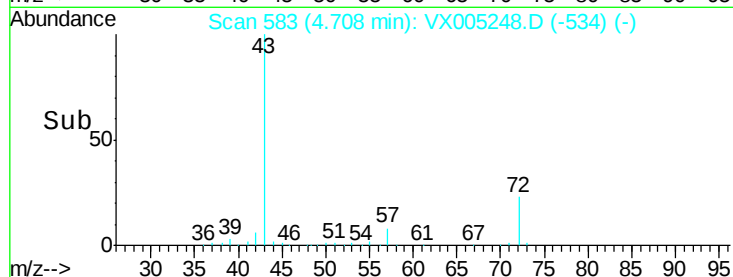
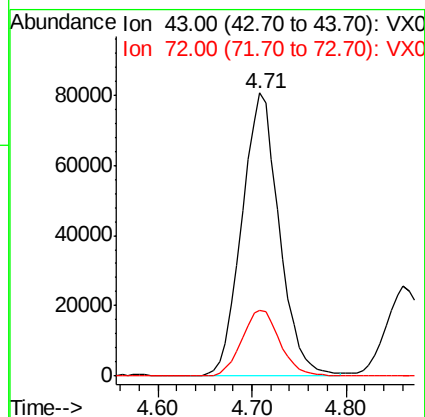
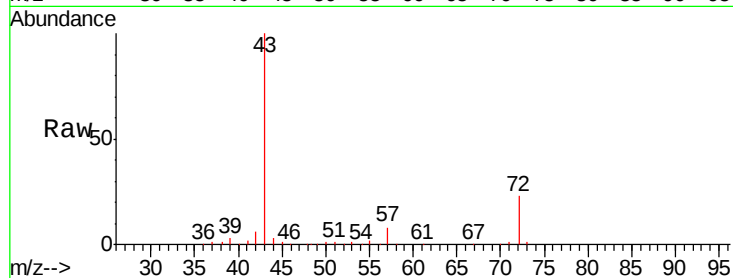
72 23.1 20.8 31.2

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#26

2,2-Dichloropropane

Concen: 19.75 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005248.D

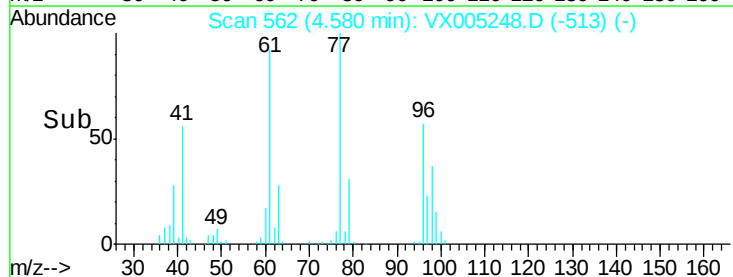
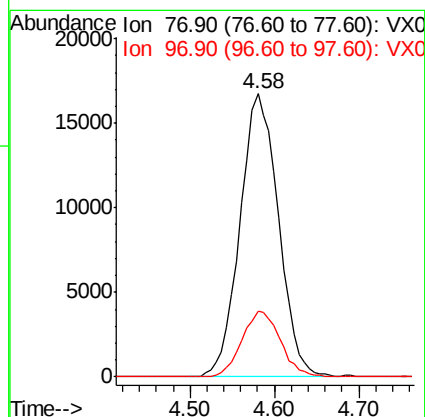
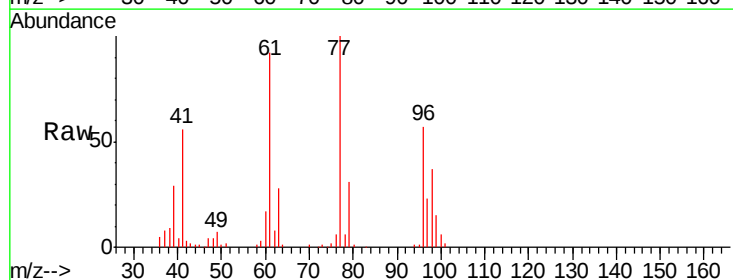
Acq: 11 Oct 2018 11:40

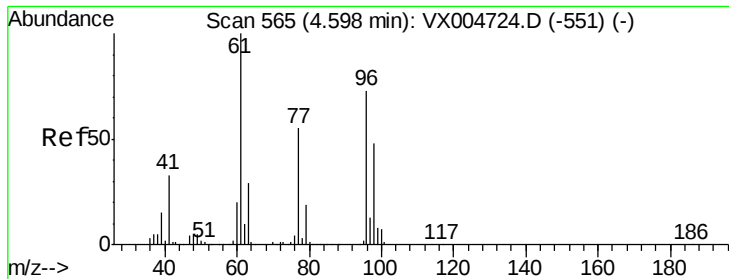
Tgt Ion: 77 Resp: 51827

Ion Ratio Lower Upper

77 100

97 23.2 12.6 37.8





#27

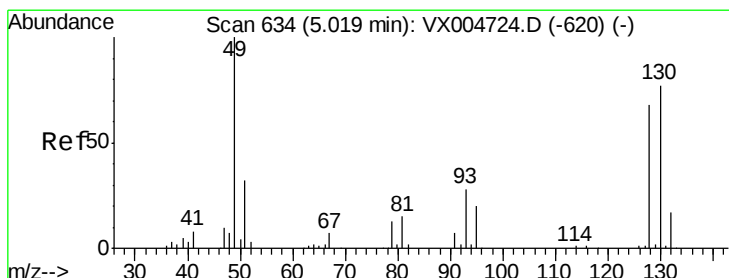
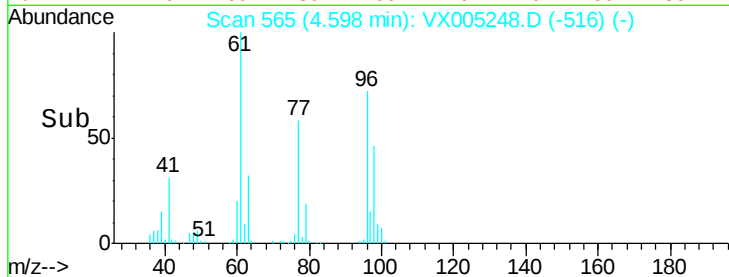
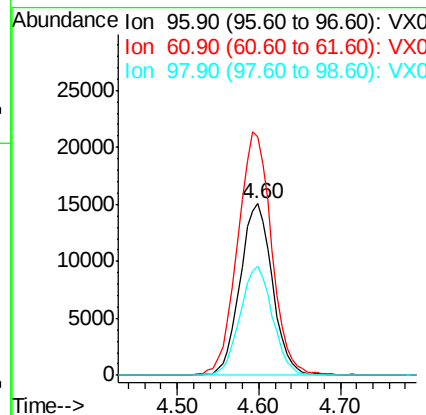
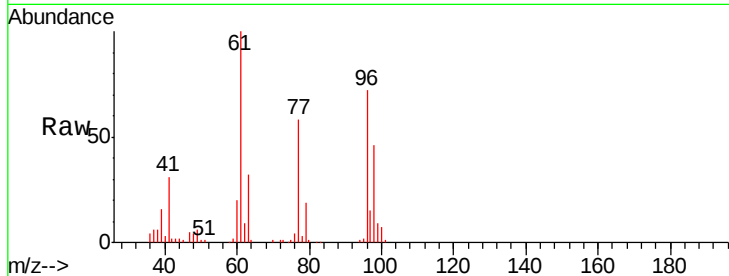
cis-1,2-Dichloroethene
 Concen: 19.63 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	285.8
98	64.0	0.0	136.2

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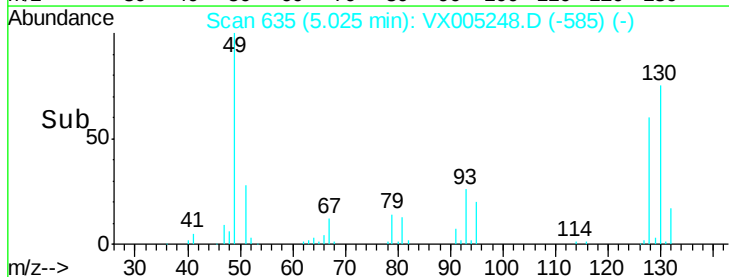
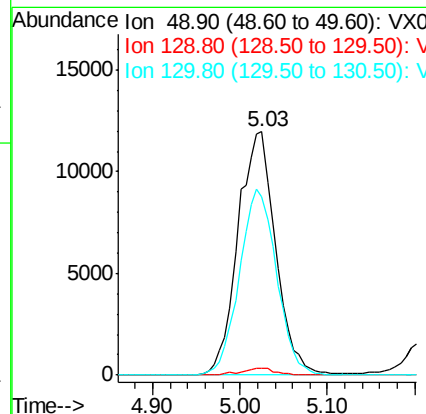
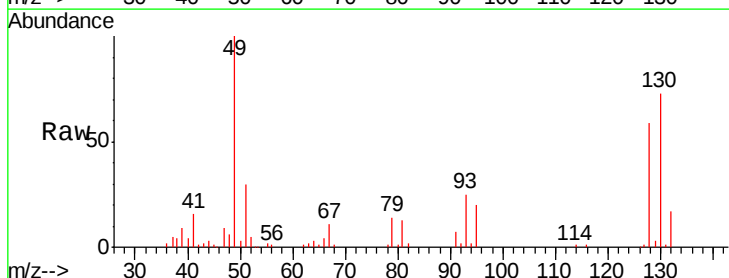
MMDadoda
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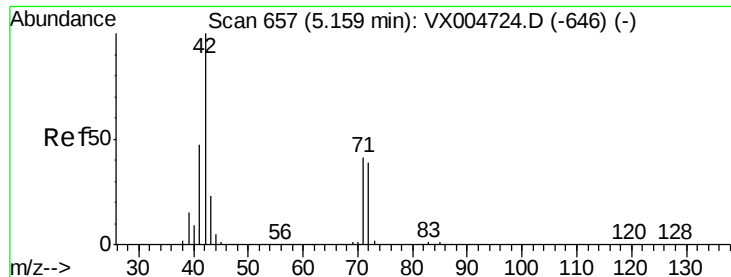


#28

Bromochloromethane
 Concen: 20.17 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	75.2	62.0	93.0





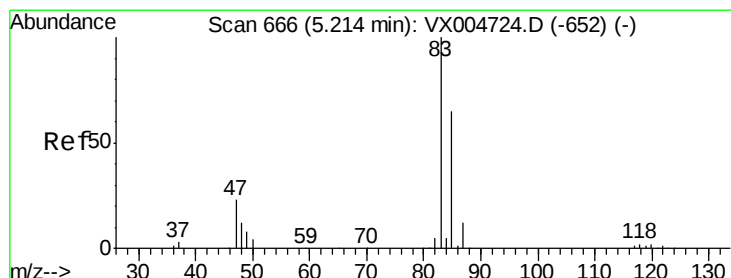
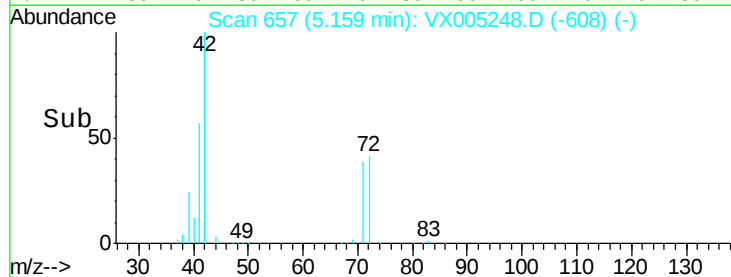
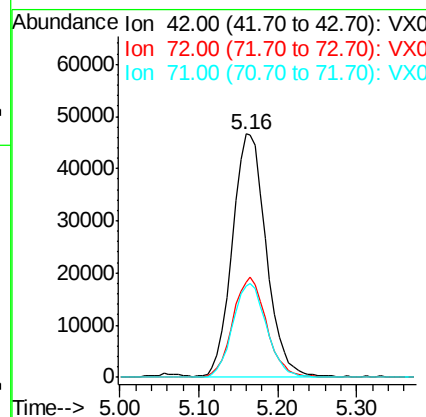
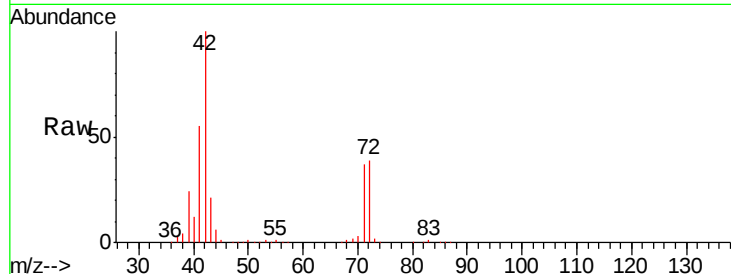
#29
Tetrahydrofuran
Concen: 114.03 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.7	50.5
71	38.8	32.2	48.4

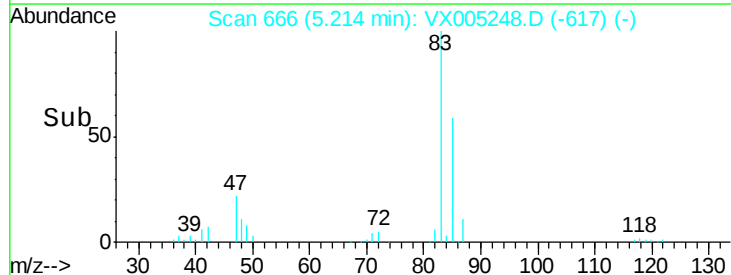
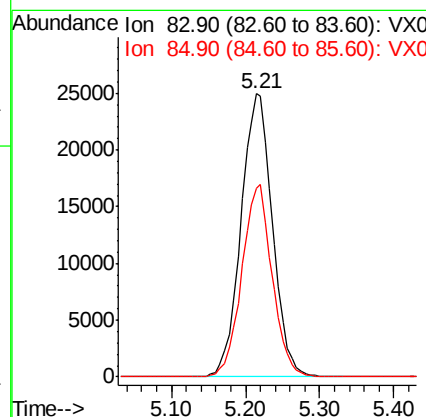
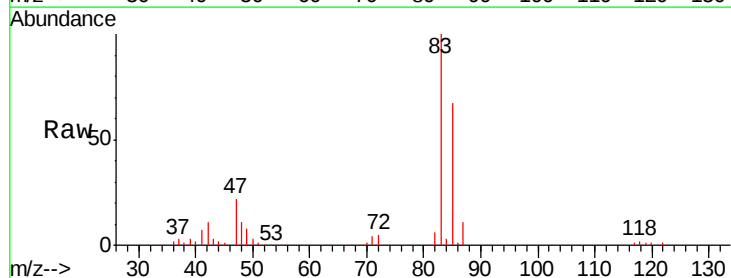
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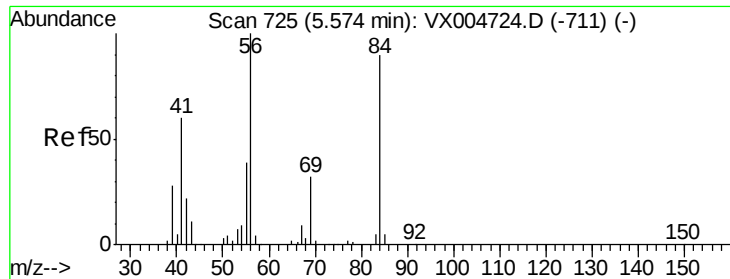
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#30
Chloroform
Concen: 20.71 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.4	78.6





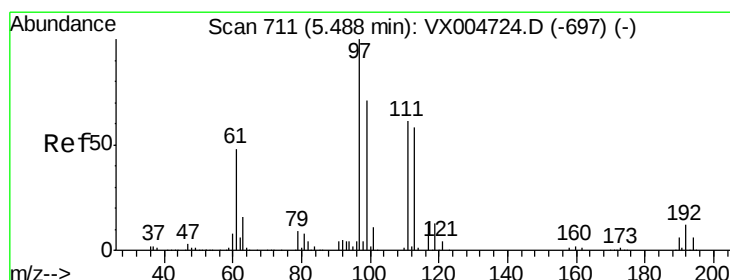
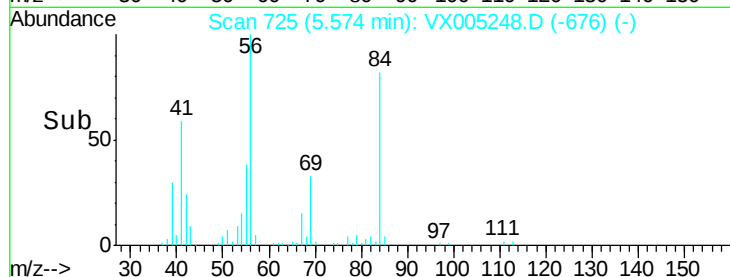
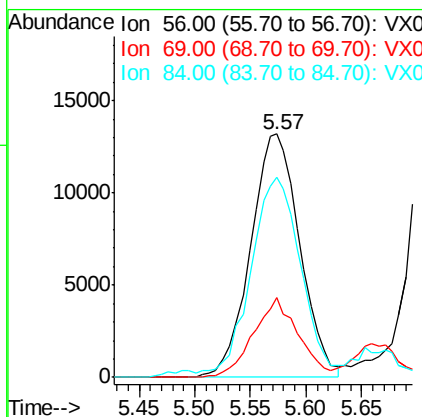
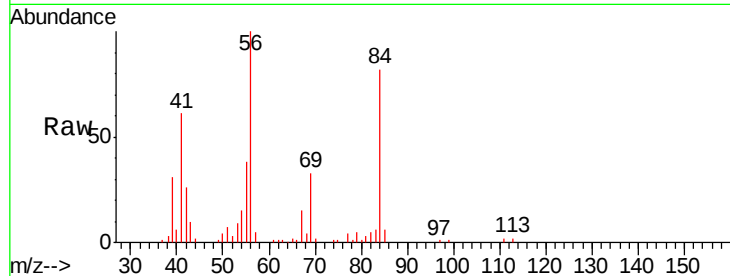
#31
Cyclohexane
Concen: 14.03 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.9	38.9
84	79.7	71.9	107.9

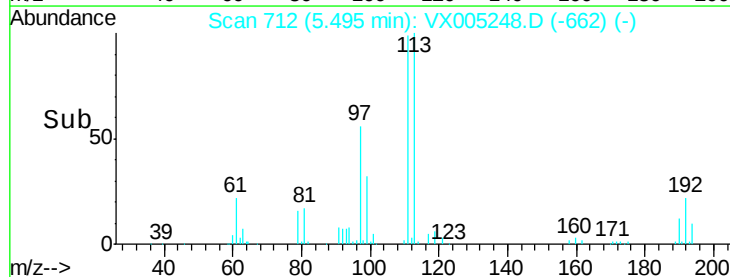
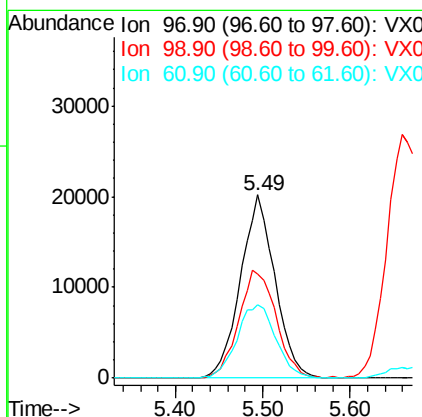
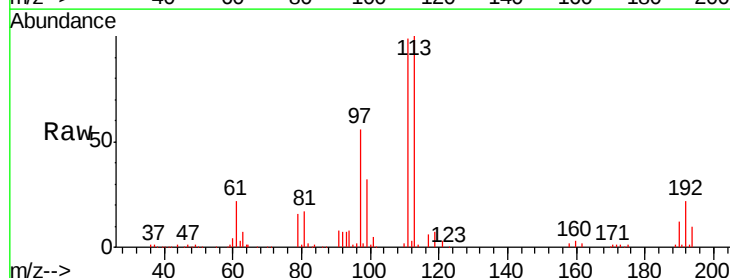
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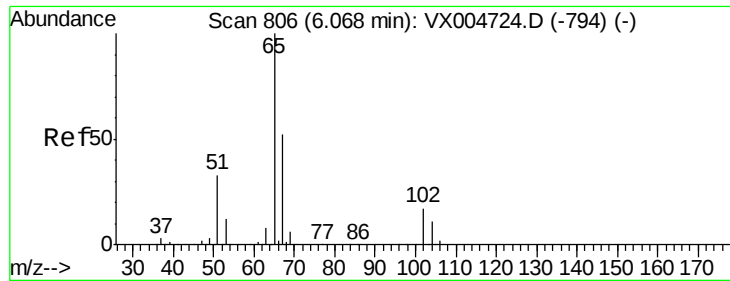
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#32
1,1,1-Trichloroethane
Concen: 19.06 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	54.6	82.0
61	45.1	37.5	56.3





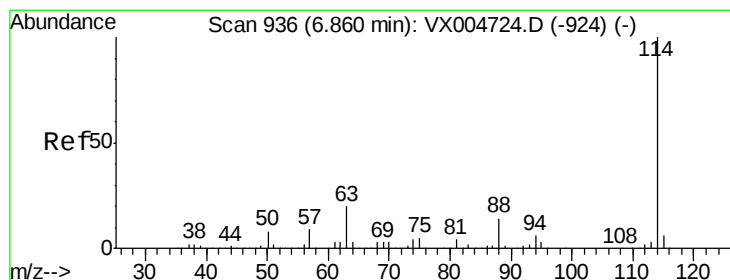
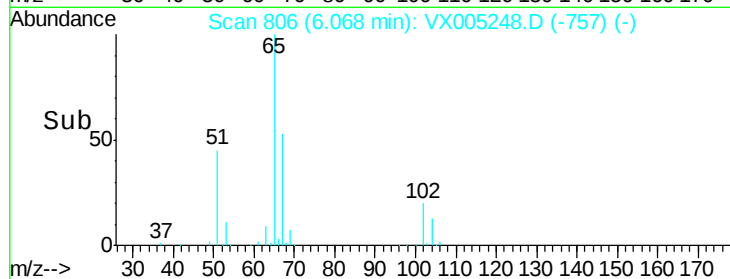
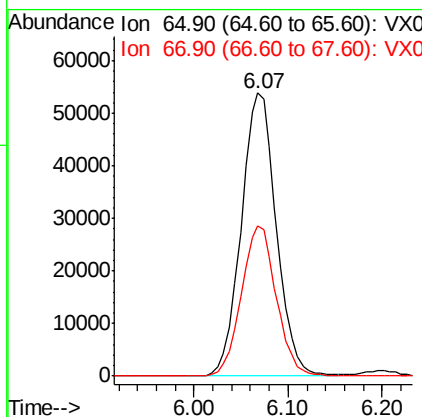
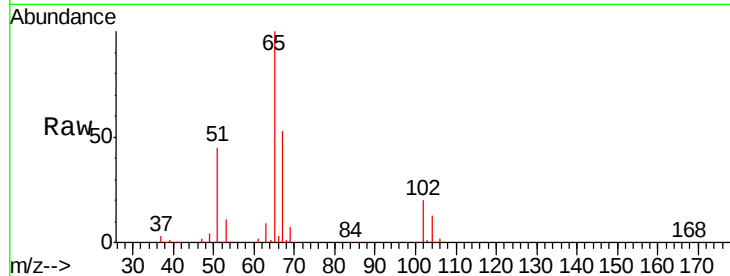
#33
 1,2-Dichloroethane-d4
 Concen: 61.77 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	140025		
67	52.8	0.0	107.4	

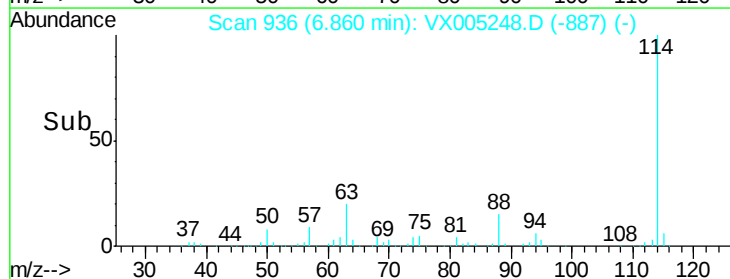
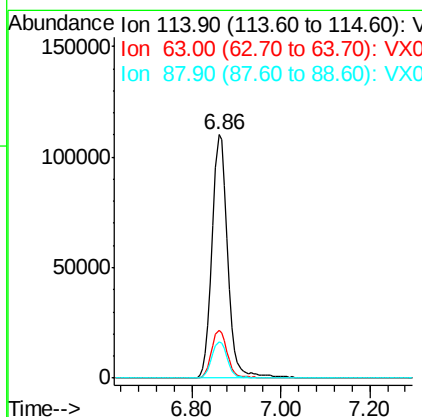
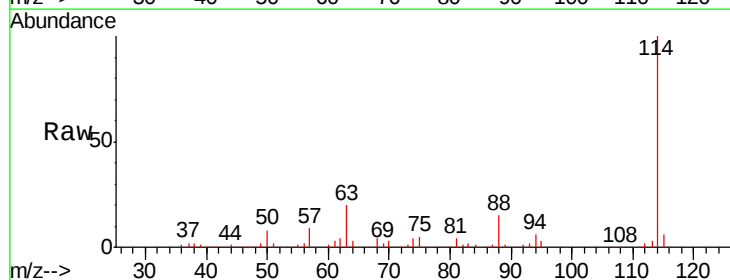
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	268505		
63	19.9	0.0	39.8	
88	15.1	0.0	27.0	





#35

Dibromofluoromethane

Concen: 48.86 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

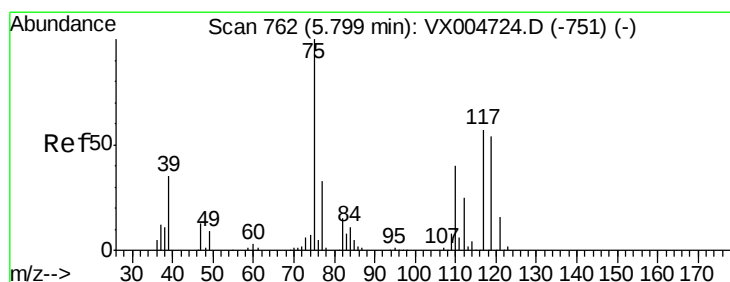
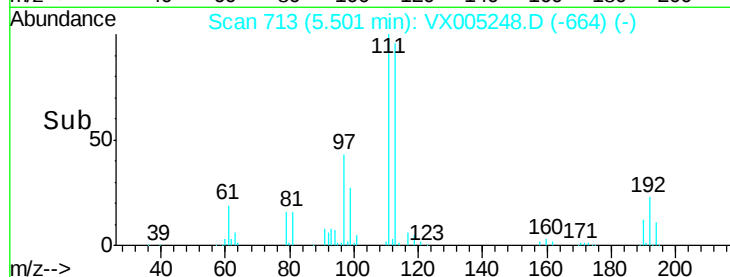
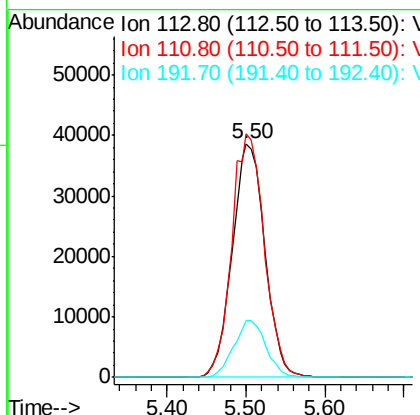
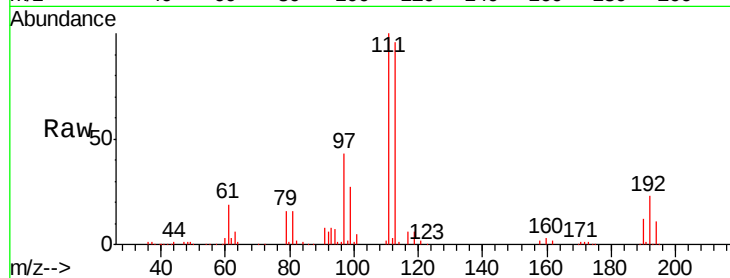
ClientSampleId :

VU1010WBS07

Tgt Ion:	113	Resp:	111183
Ion Ratio	Lower	Upper	
113	100		
111	103.8	77.0	115.4
192	23.9	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 13.72 ug/l

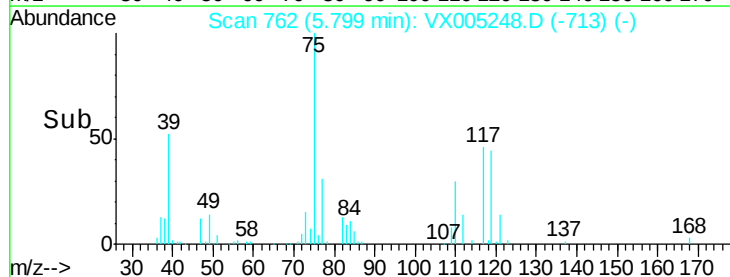
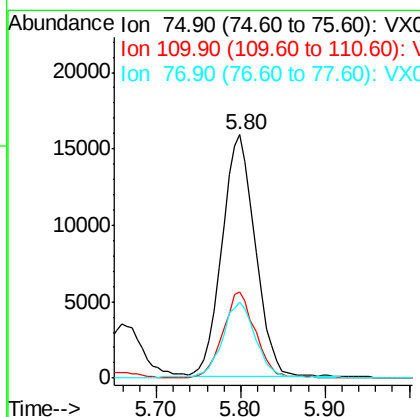
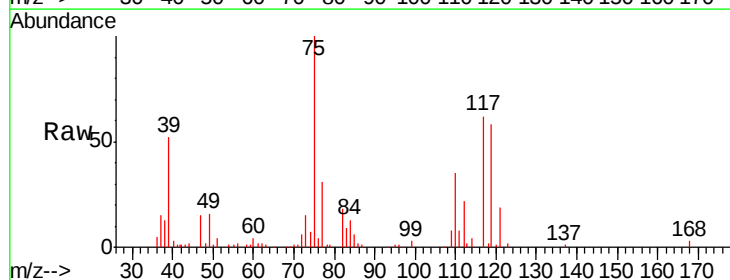
RT: 5.80 min Scan# 762

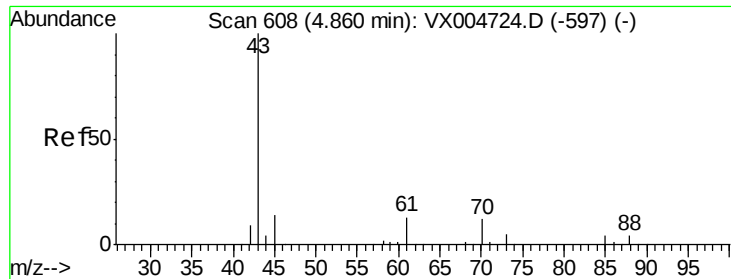
Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	75	Resp:	42606
Ion Ratio	Lower	Upper	
75	100		
110	35.0	20.0	59.9
77	30.8	27.1	40.7





#37

Ethyl Acetate

Concen: 18.38 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

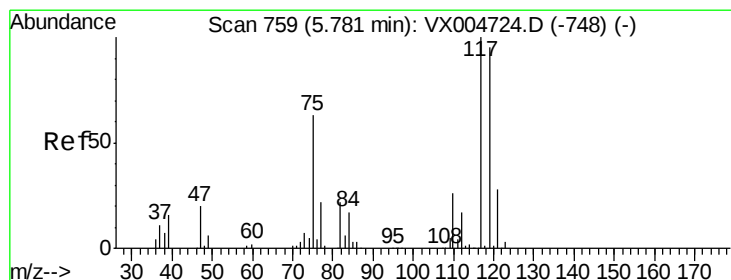
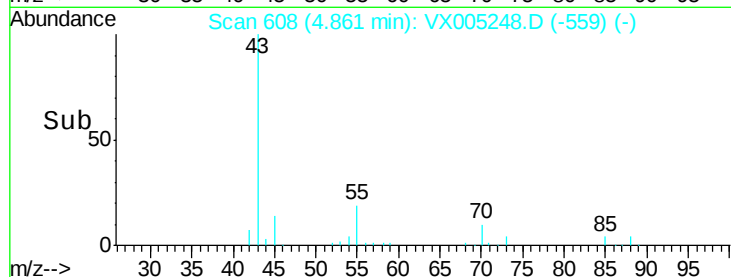
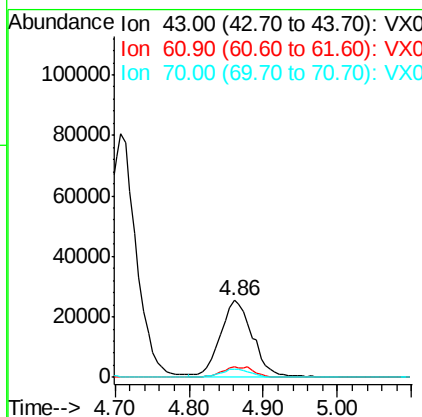
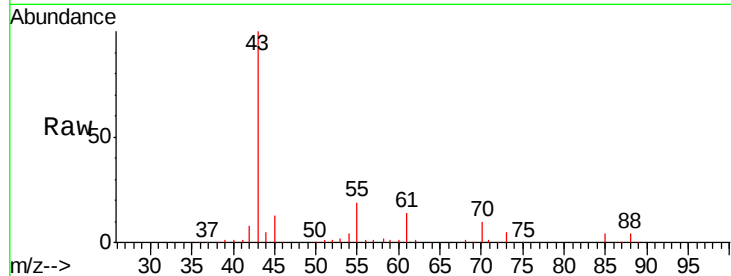
ClientSampleId :

VU1010WBS07

Tgt Ion:	43	Resp:	75749
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	10.2	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 14.03 ug/l

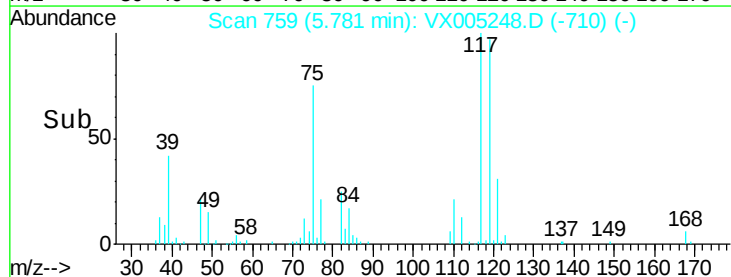
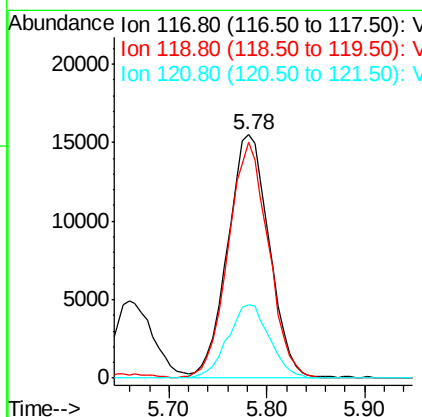
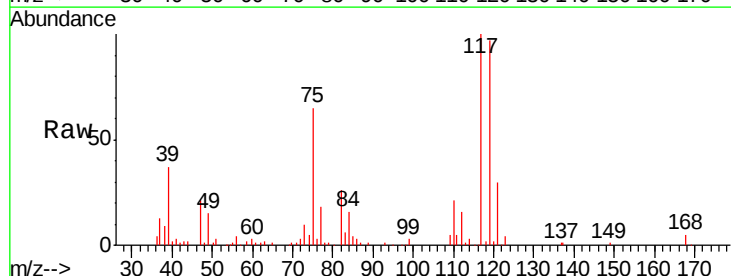
RT: 5.78 min Scan# 759

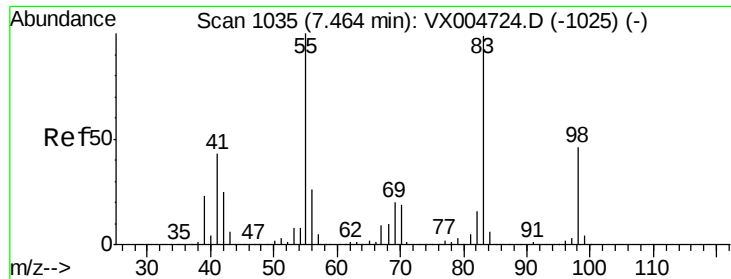
Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	117	Resp:	45788
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.2	112.8
121	30.2	22.5	33.7





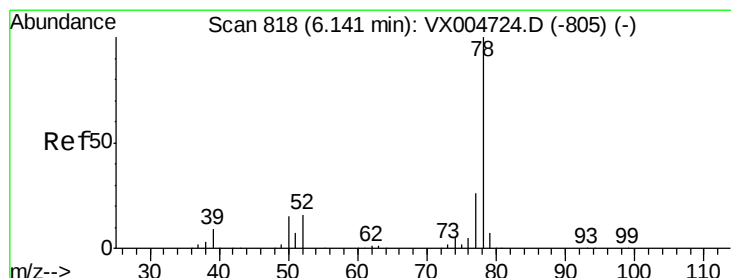
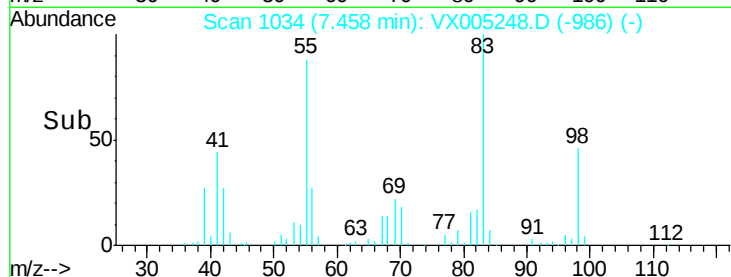
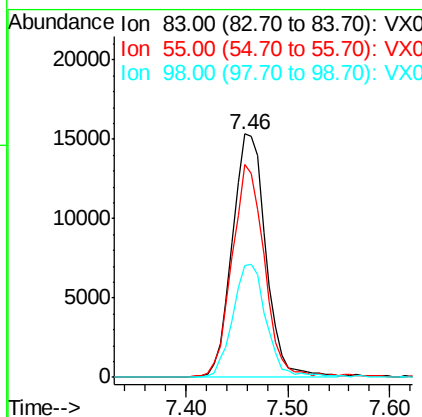
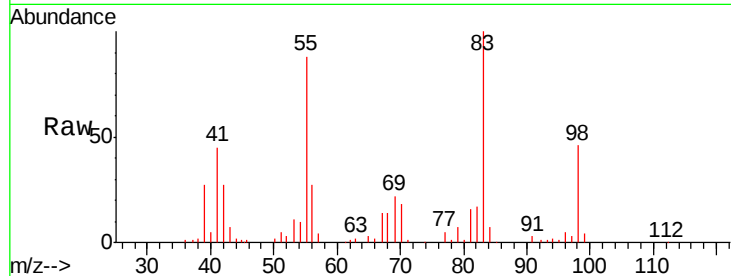
#39
Methylcyclohexane
Concen: 11.03 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.2	81.1	121.7
98	45.7	37.3	55.9

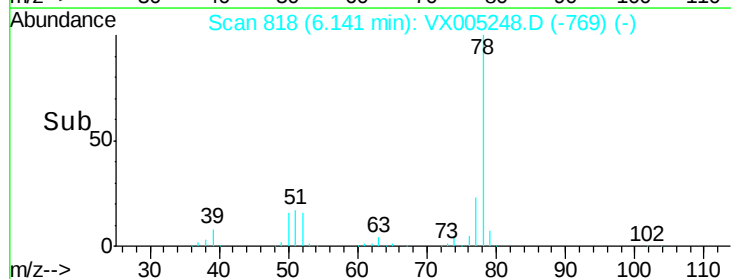
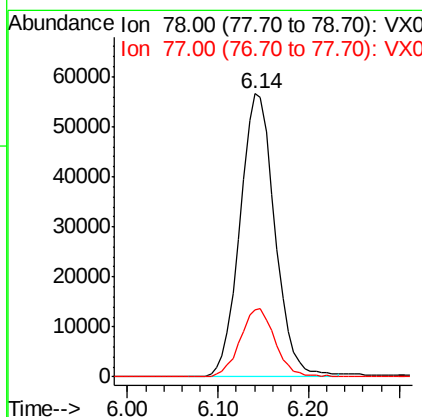
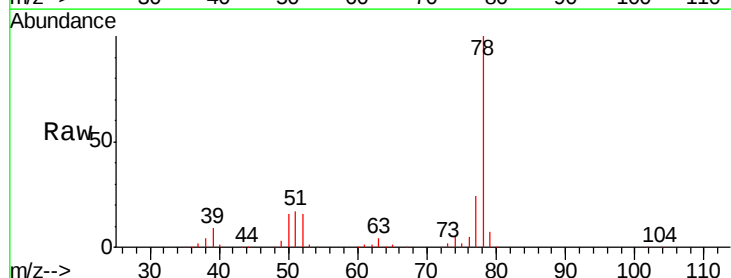
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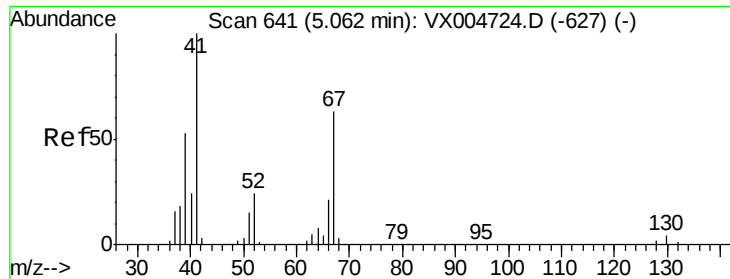
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#40
Benzene
Concen: 15.58 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	21.0	31.4





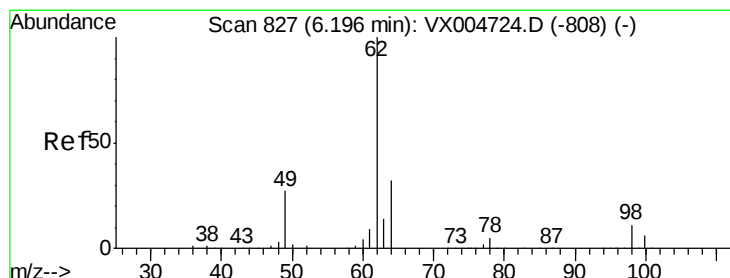
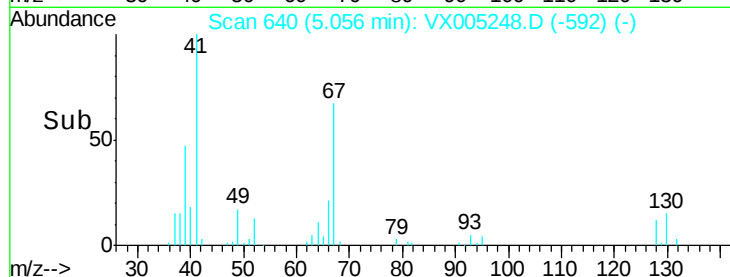
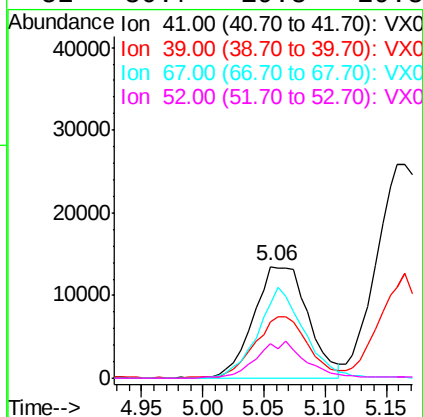
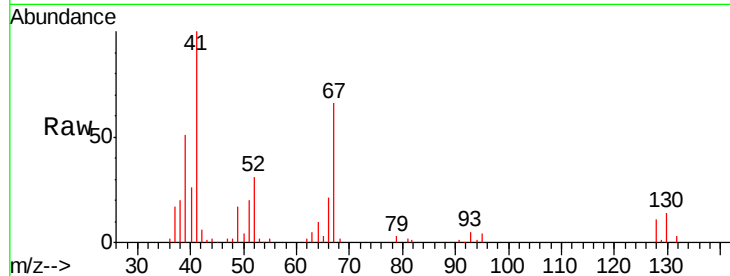
#41
Methacrylonitrile
Concen: 18.18 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.5	63.7
67	69.2	53.0	79.6
52	30.7	19.8	29.8

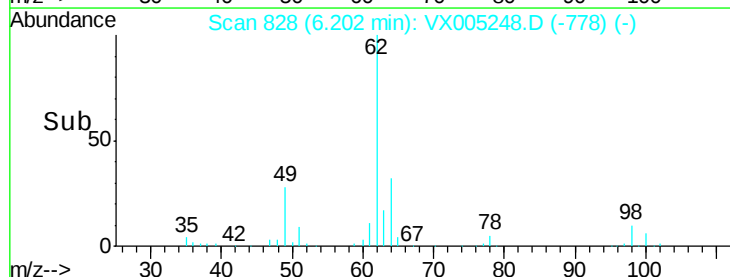
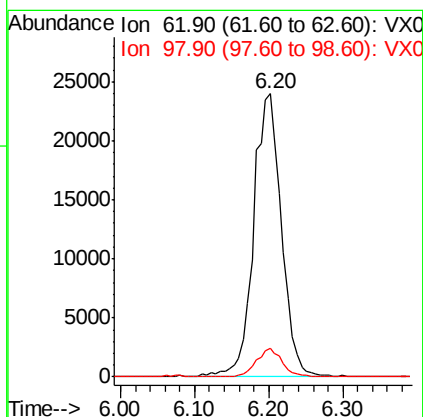
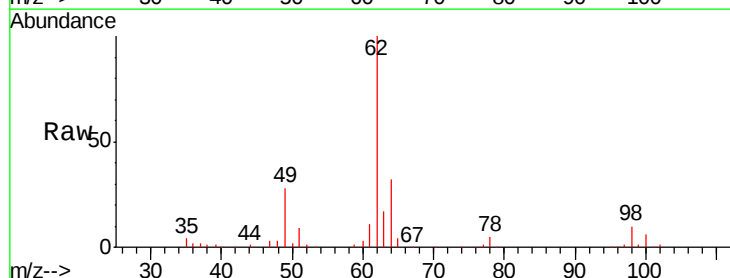
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#42
1,2-Dichloroethane
Concen: 18.12 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.2





#43

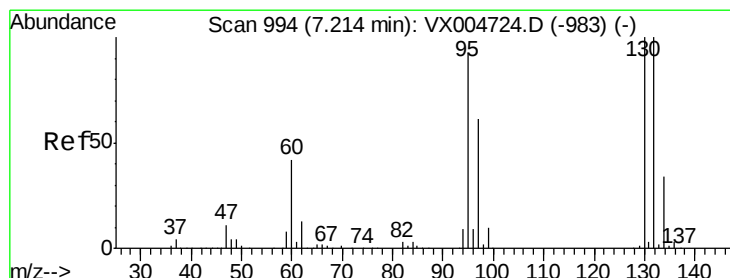
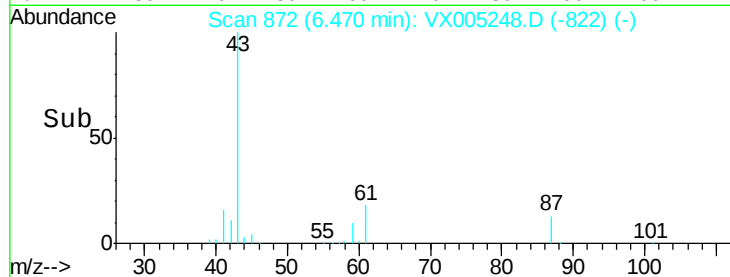
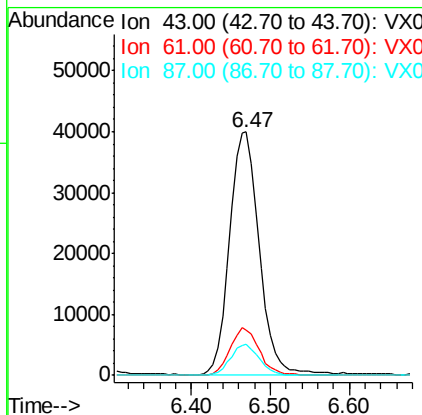
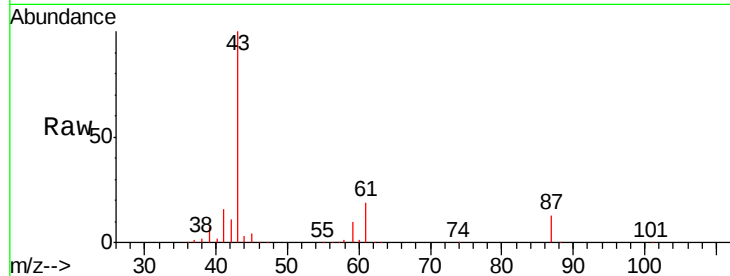
Isopropyl Acetate
 Concen: 17.55 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.2	21.4
87	12.3	9.3	13.9

Manual Integrations
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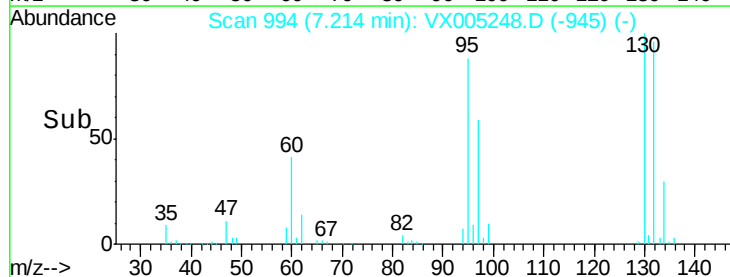
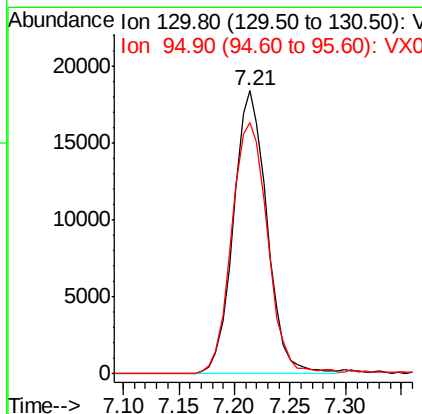
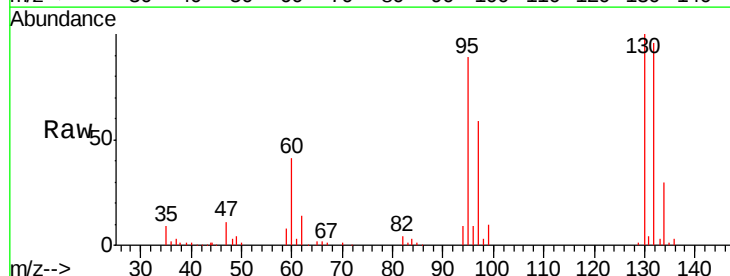
MMDadoda
 10/12/2018 11:45:05 AM

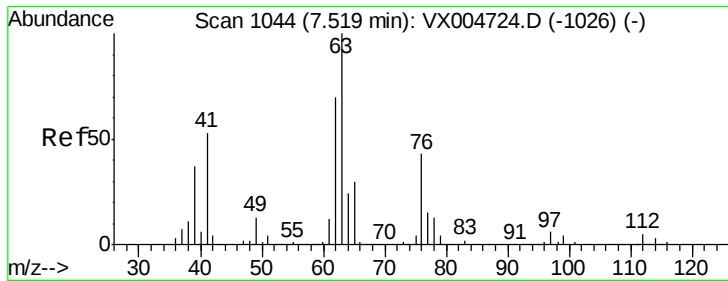


#44

Trichloroethene
 Concen: 16.11 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	186.8





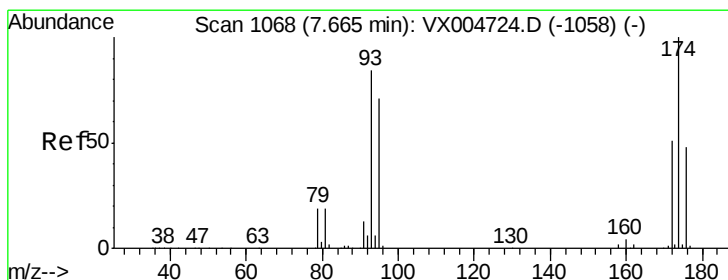
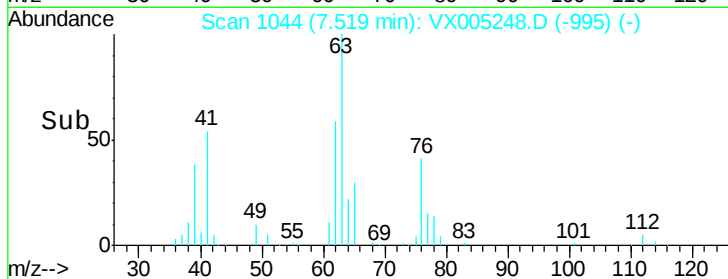
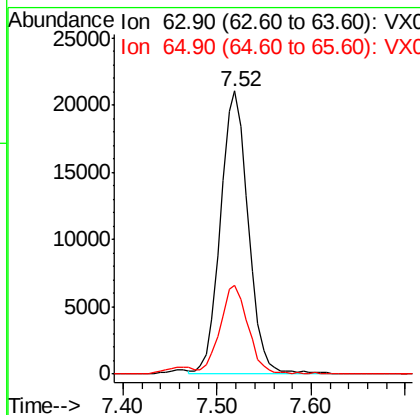
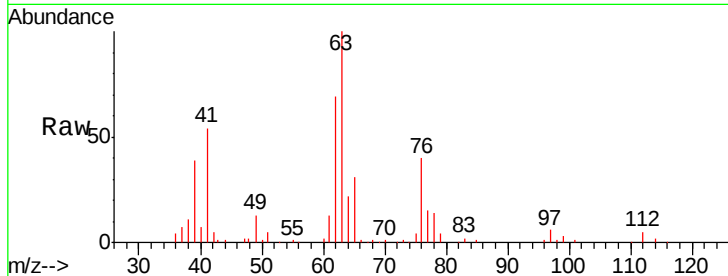
#45
 1,2-Dichloropropane
 Concen: 17.92 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion: 63 Resp: 42712
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.9 35.9

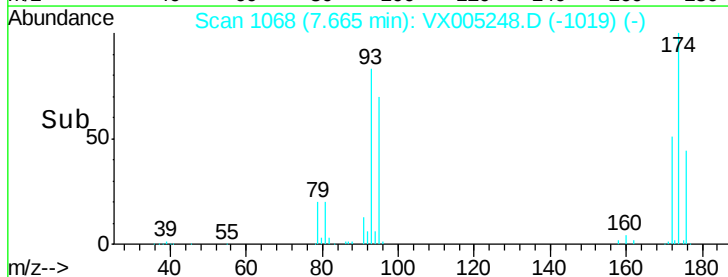
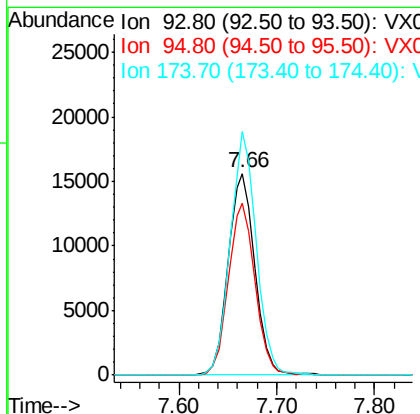
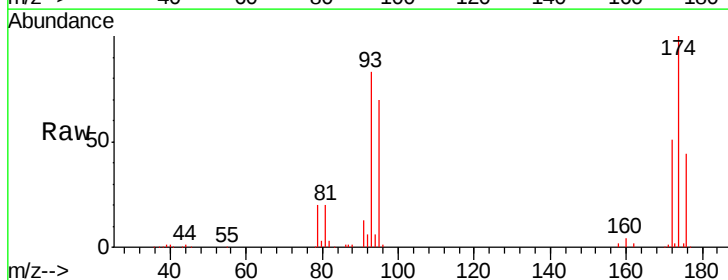
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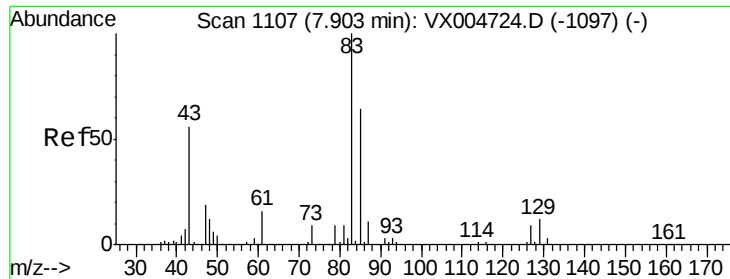
MMDadoda
 10/12/2018 11:45:05 AM



#46
 Dibromomethane
 Concen: 19.70 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 93 Resp: 29512
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.7 100.1
 174 117.5 92.7 139.1





#47

Bromodichloromethane

Concen: 19.56 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

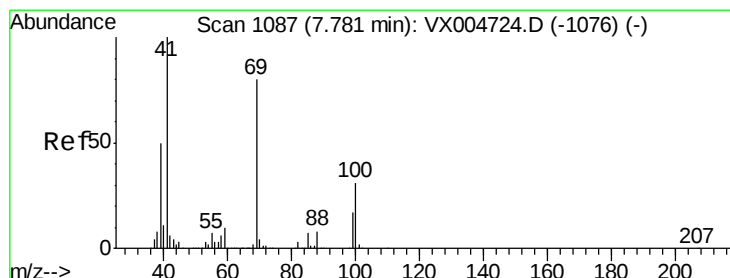
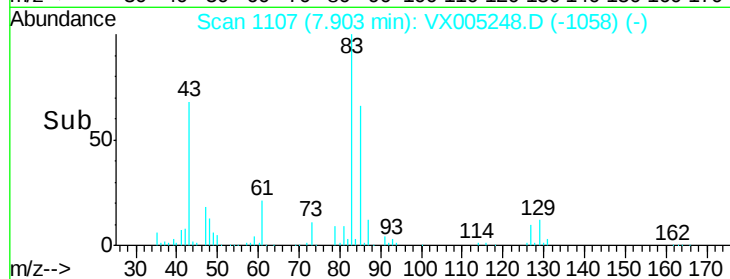
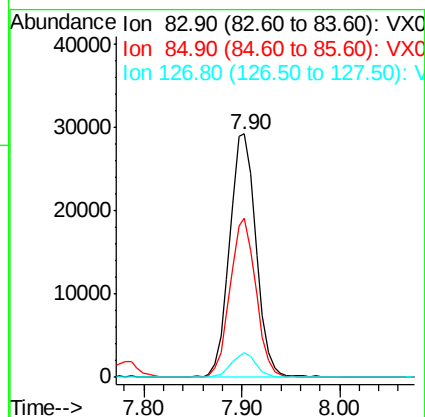
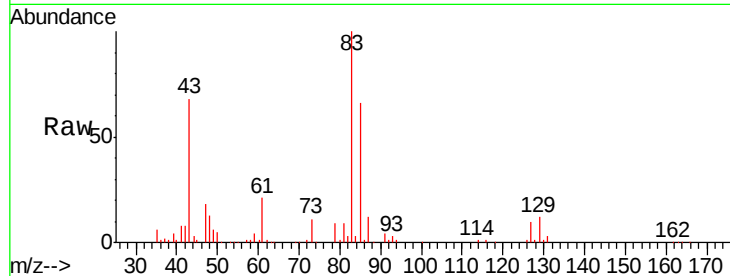
ClientSampleId :

VU1010WBS07

Tgt Ion:	83	Resp:	54866
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.2	76.8
127	10.0	7.0	10.6

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10/12/2018 11:45:05 AM



#48

Methyl methacrylate

Concen: 20.38 ug/l

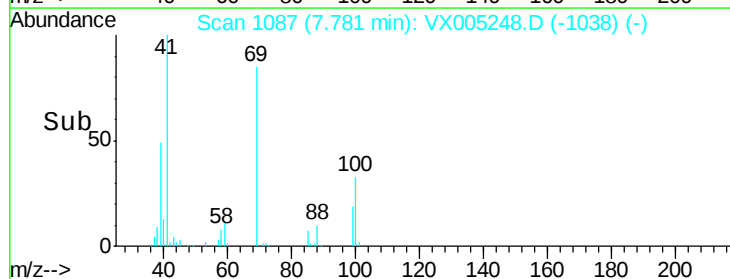
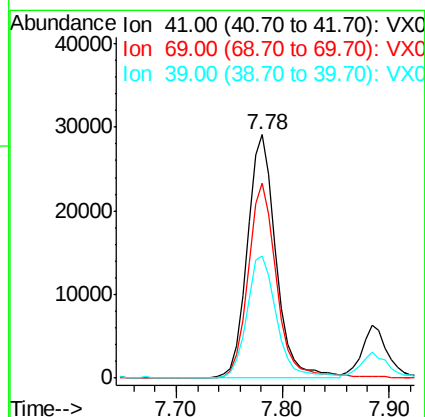
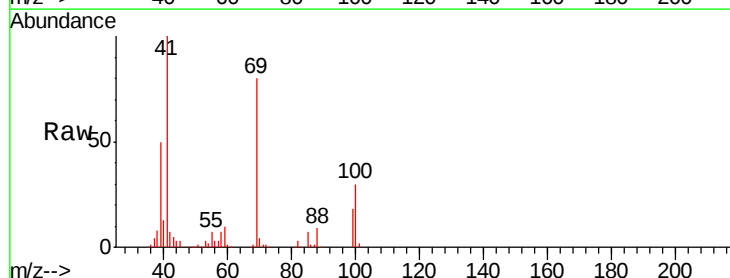
RT: 7.78 min Scan# 1087

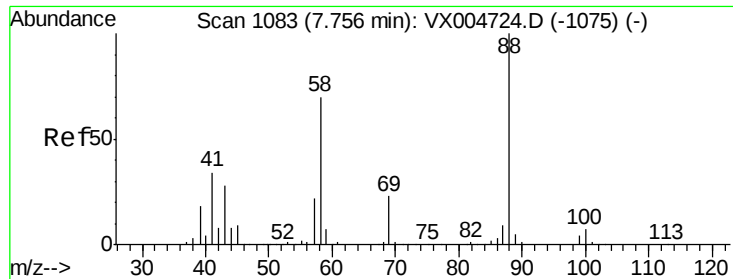
Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	41	Resp:	55028
Ion	Ratio	Lower	Upper
41	100		
69	80.4	63.8	95.6
39	52.1	40.7	61.1





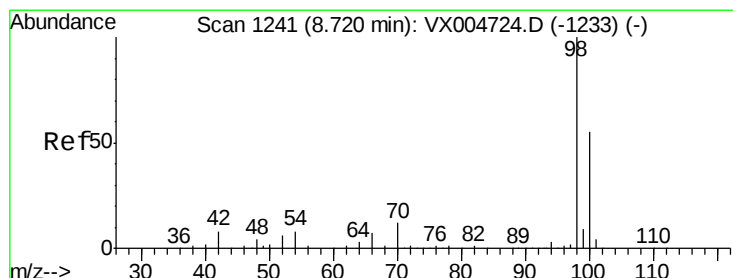
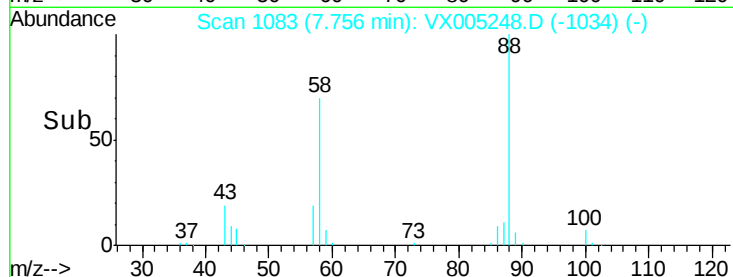
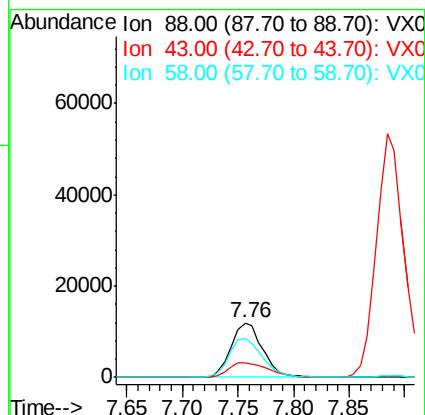
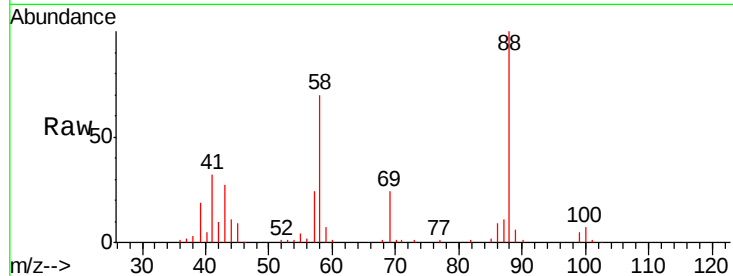
#49
1,4-Dioxane
Concen: 351.81 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.1	25.1	37.7
58	75.4	56.2	84.2

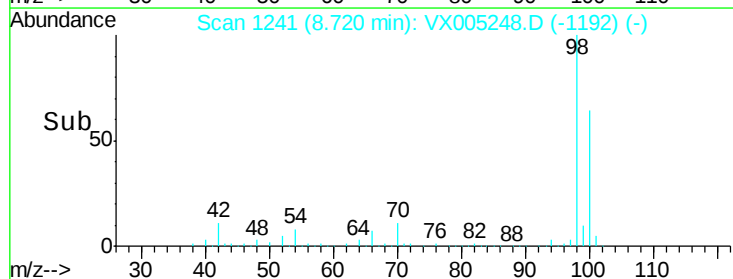
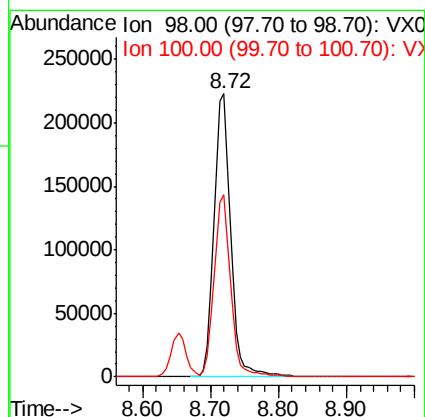
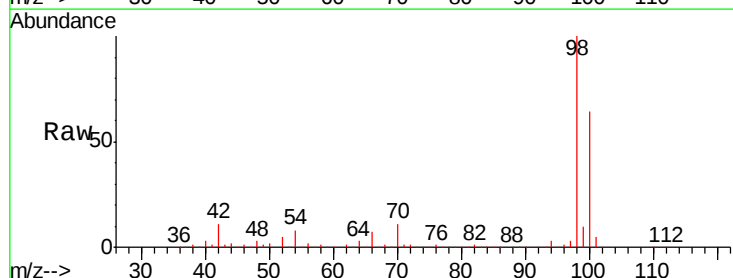
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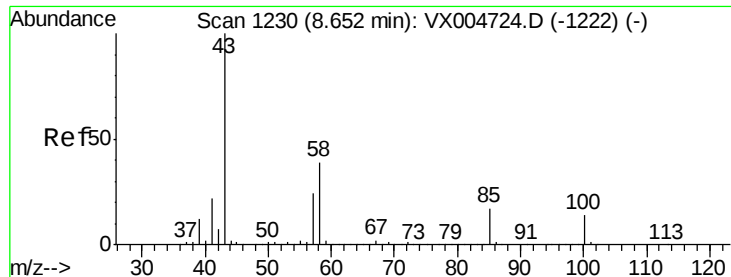
MMDadoda
10/12/2018 11:45:05 AM



#50
Toluene-d8
Concen: 50.25 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9





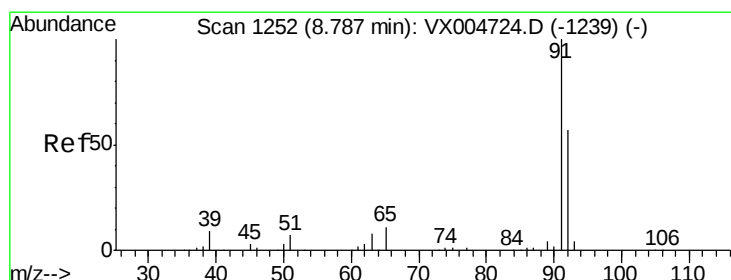
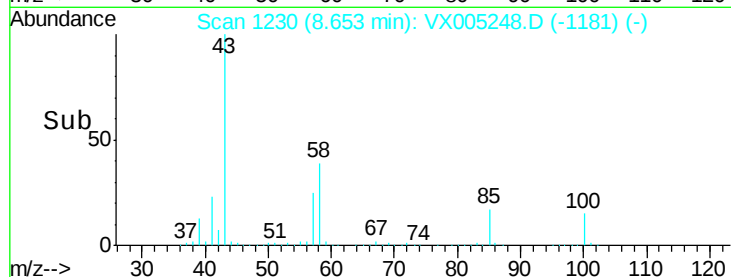
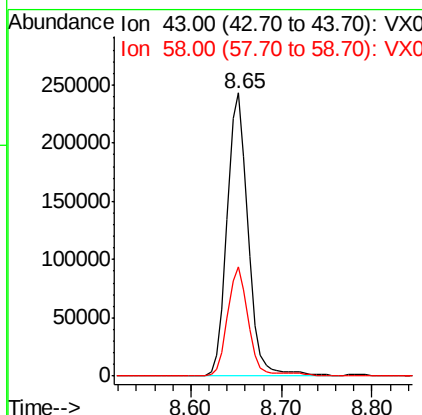
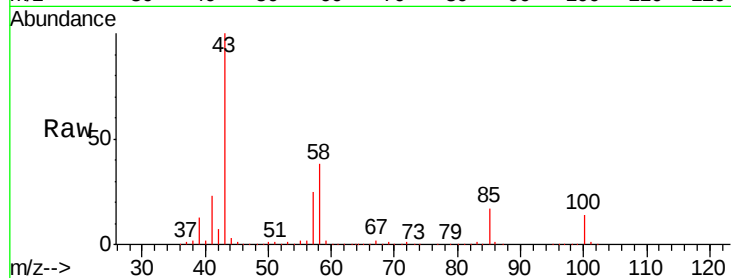
#51
 4-Methyl-2-Pentanone
 Concen: 104.92 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion: 43 Resp: 392989
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.5 45.7

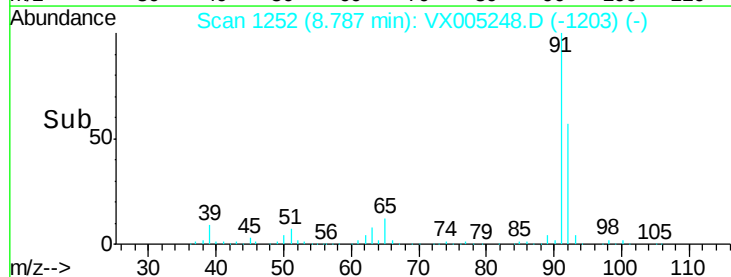
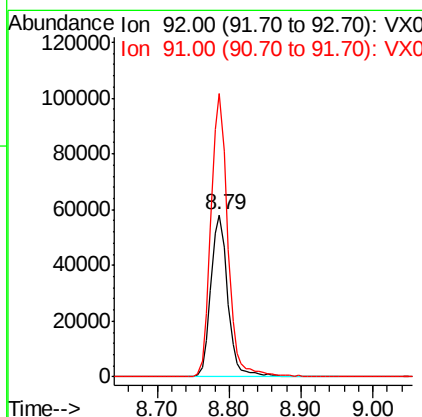
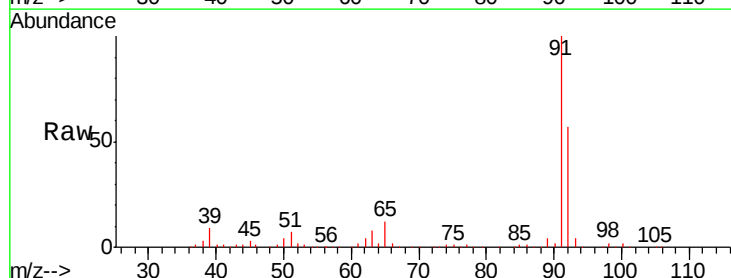
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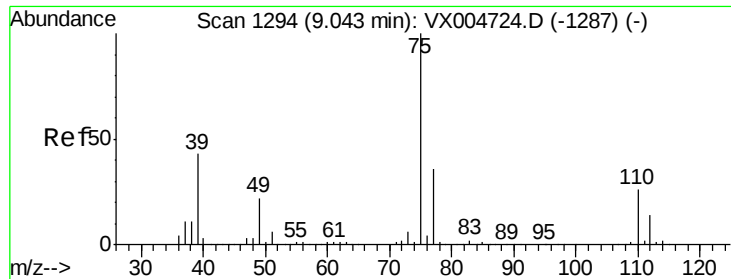
MMDadoda
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#52
 Toluene
 Concen: 17.86 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 92 Resp: 95375
 Ion Ratio Lower Upper
 92 100
 91 173.2 136.7 205.1





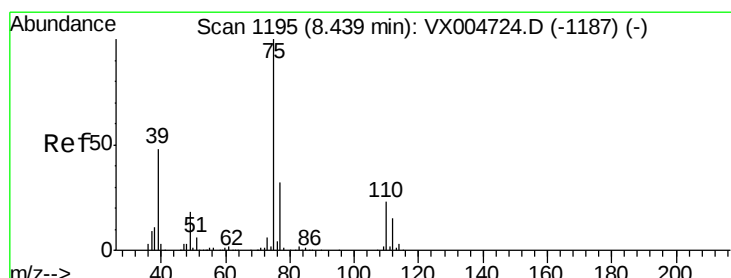
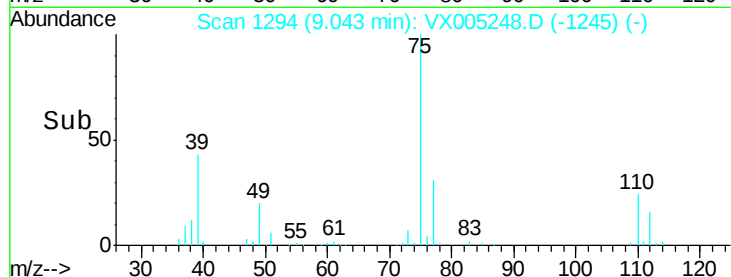
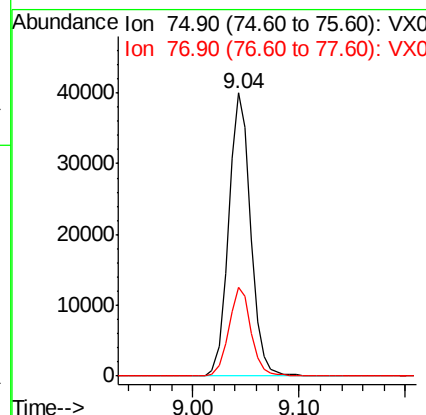
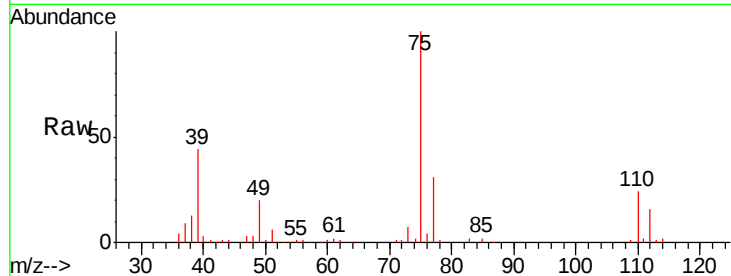
#53
 t-1,3-Dichloropropene
 Concen: 18.30 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion: 75 Resp: 58016
 Ion Ratio Lower Upper
 75 100
 77 31.3 28.9 43.3

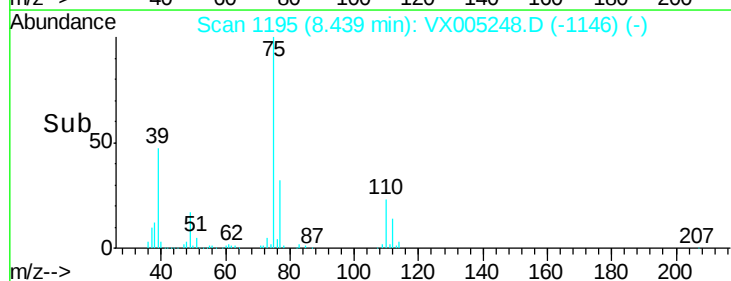
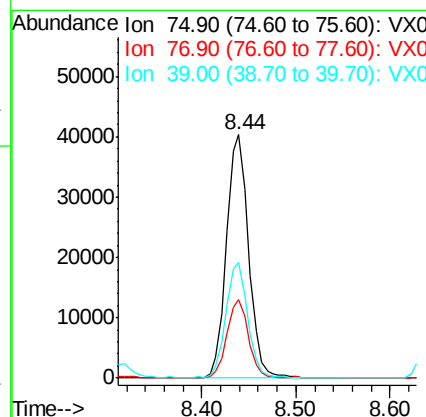
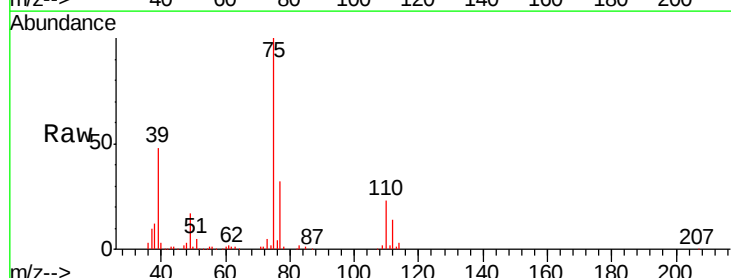
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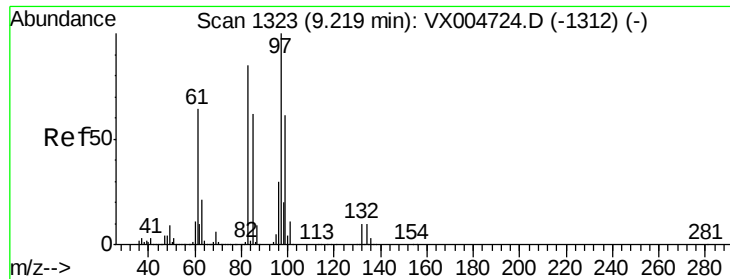
MMDadoda
 10/12/2018 11:45:05 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.86 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 75 Resp: 65929
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5
 39 47.4 38.3 57.5





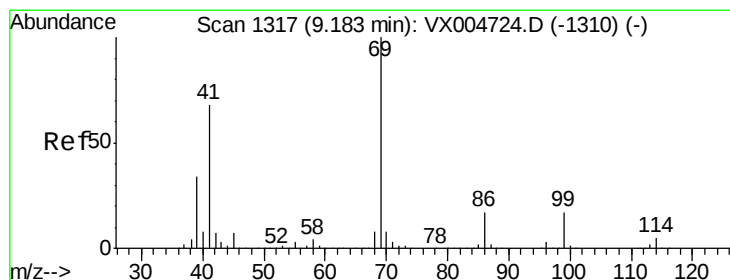
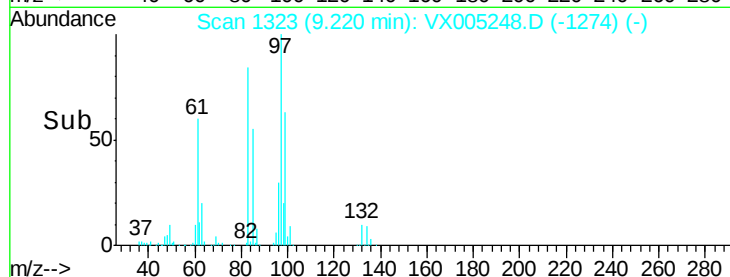
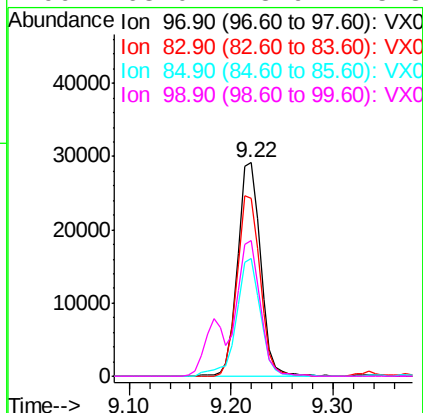
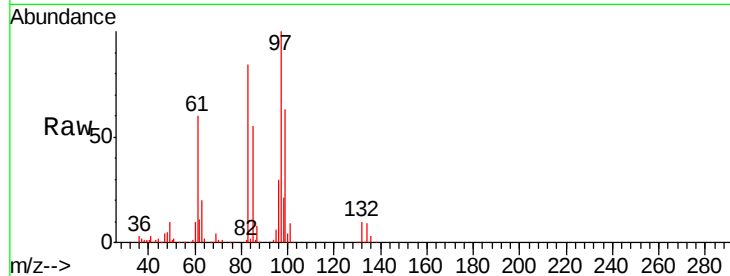
#55
 1,1,2-Trichloroethane
 Concen: 19.26 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.2	102.2
85	55.2	49.9	74.9
99	63.0	48.9	73.3

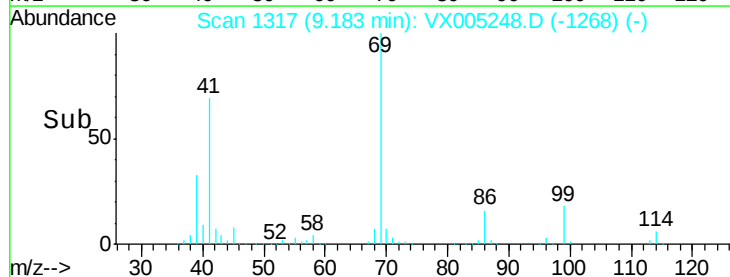
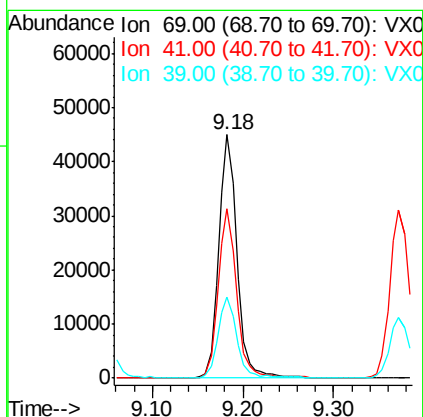
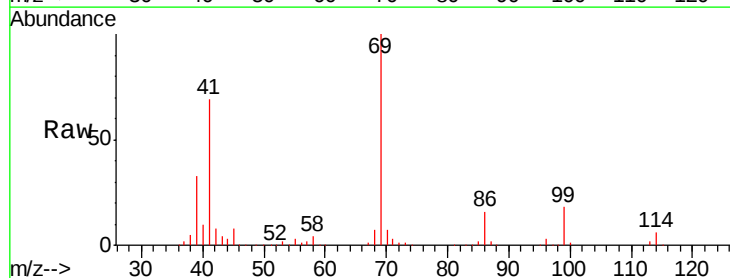
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#56
 Ethyl methacrylate
 Concen: 18.59 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.9	85.3
39	34.3	28.4	42.6





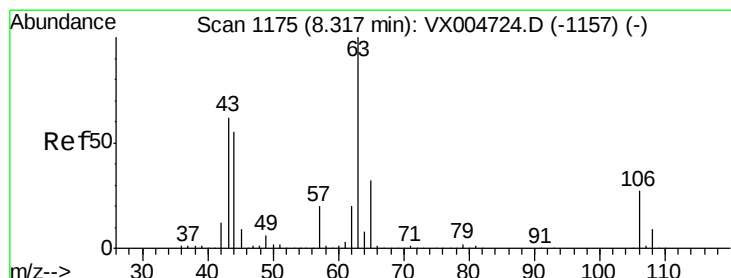
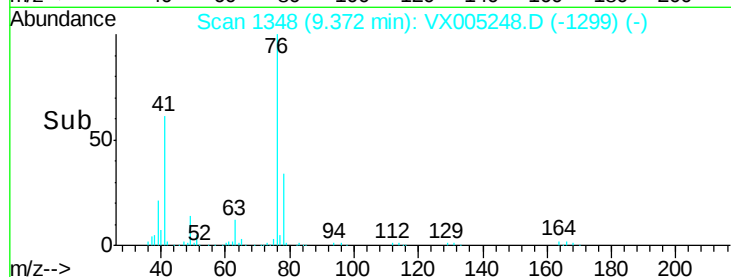
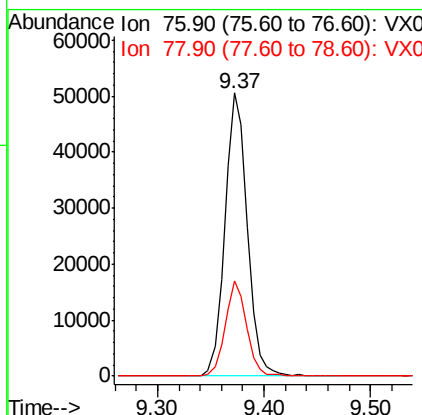
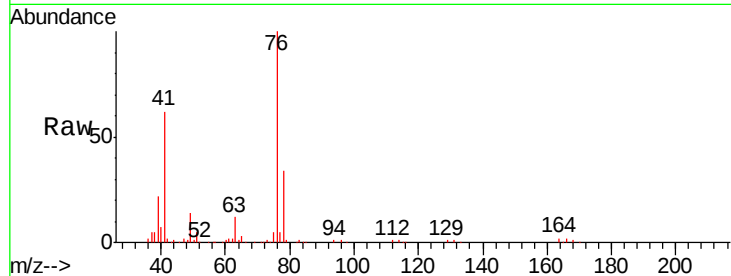
#57
 1,3-Dichloropropane
 Concen: 19.02 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion: 76 Resp: 74042
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0

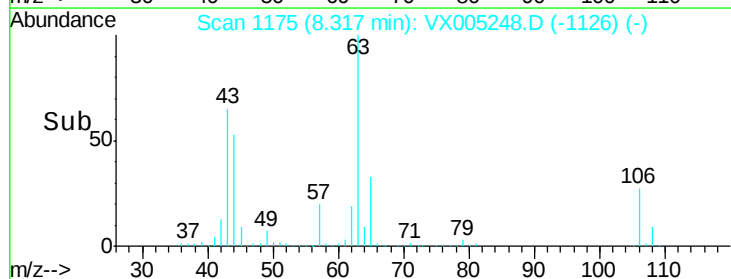
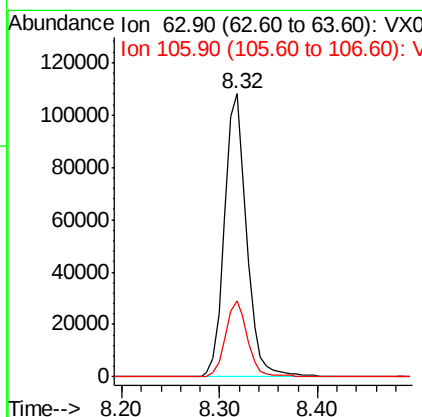
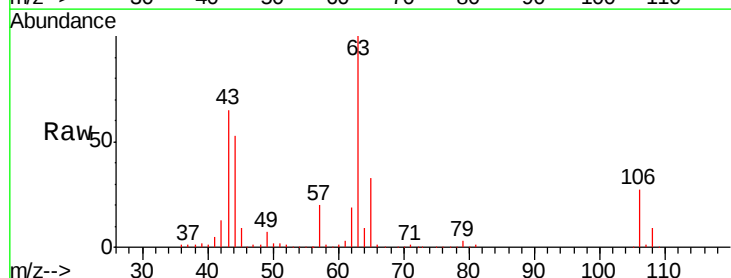
Manual Integrations
 APPROVED

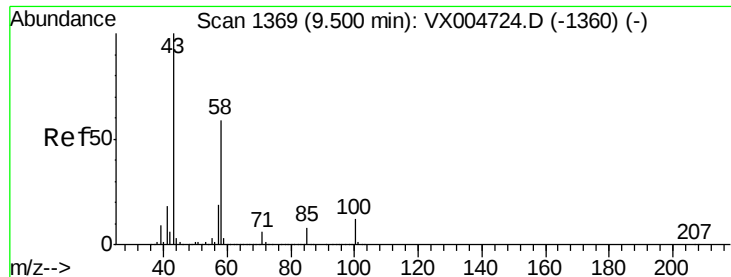
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.07 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 63 Resp: 170633
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6





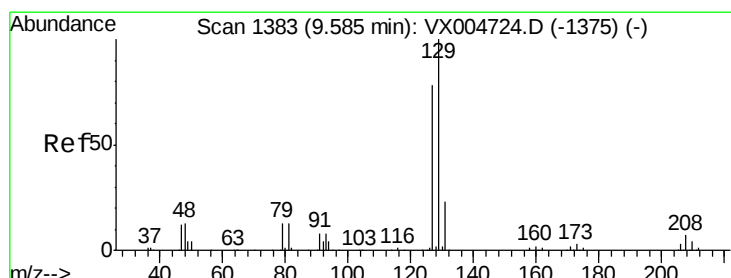
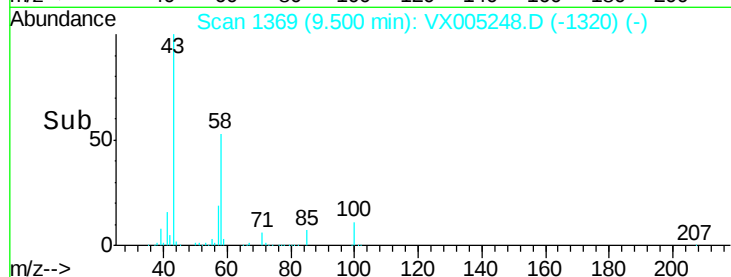
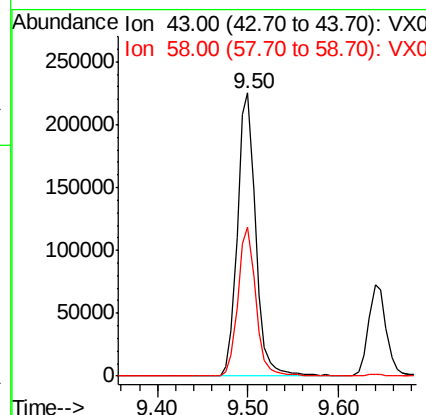
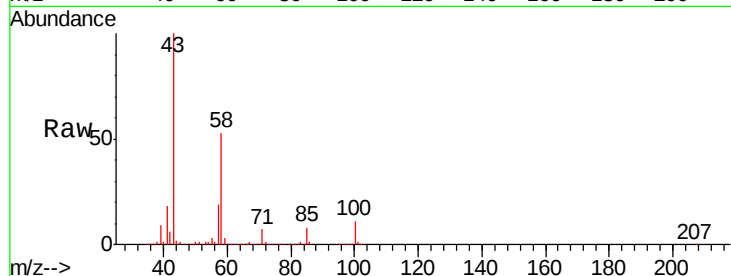
#59
2-Hexanone
Concen: 100.79 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion: 43 Resp: 314565
Ion Ratio Lower Upper
43 100
58 51.8 28.4 85.3

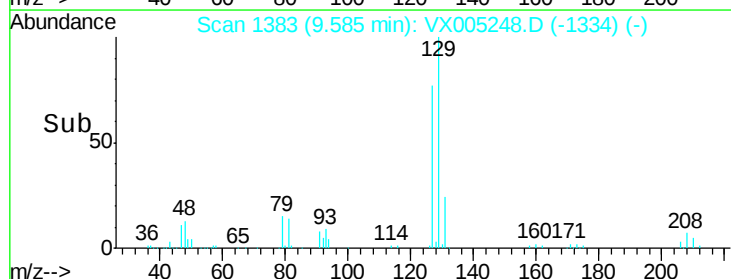
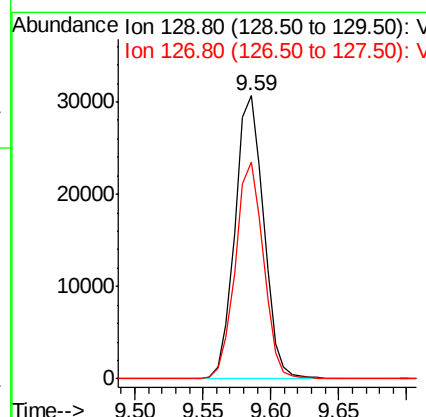
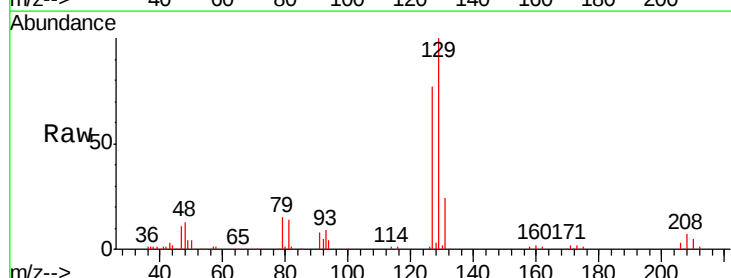
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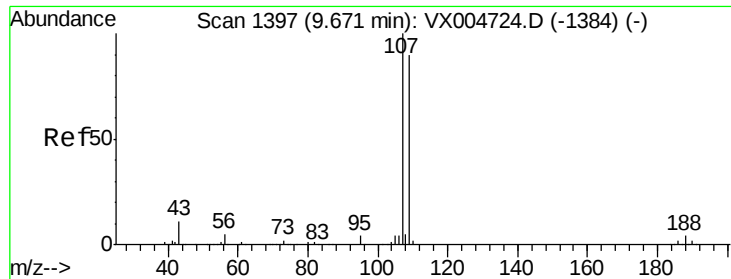
MMDadoda
10/12/2018 11:45:05 AM



#60
Dibromochloromethane
Concen: 19.26 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 129 Resp: 45052
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.58 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 107 Resp: 46557

Ion Ratio Lower Upper

107 100

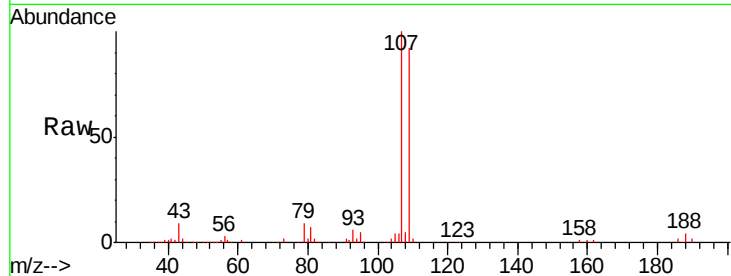
109 94.5 72.1 108.1

Manual Integrations

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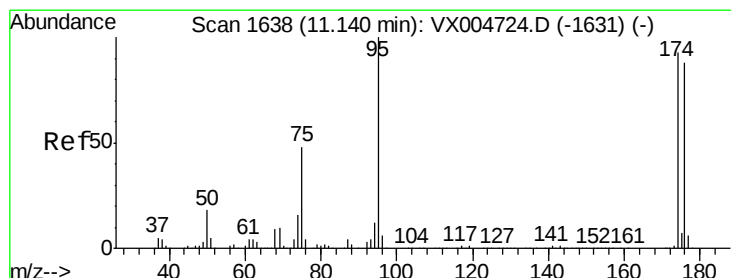
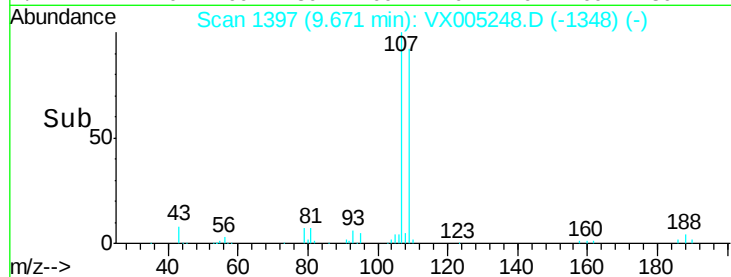
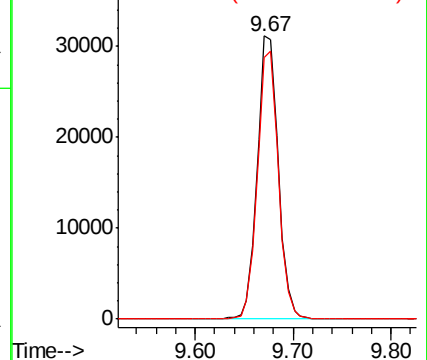
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.79 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

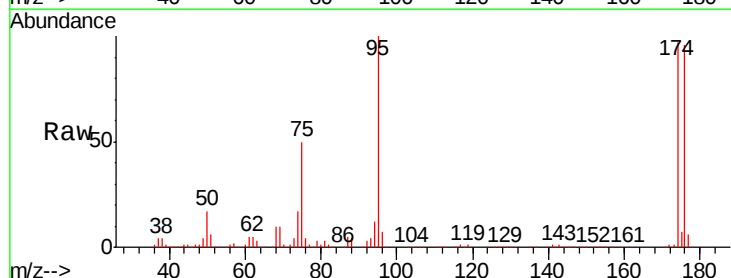
Tgt Ion: 95 Resp: 146612

Ion Ratio Lower Upper

95 100

174 93.8 0.0 185.0

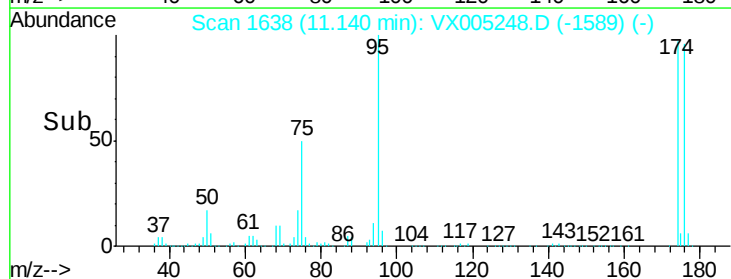
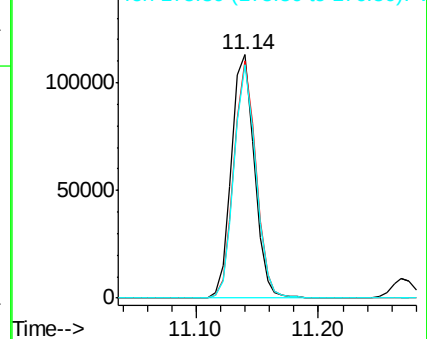
176 91.5 0.0 180.2

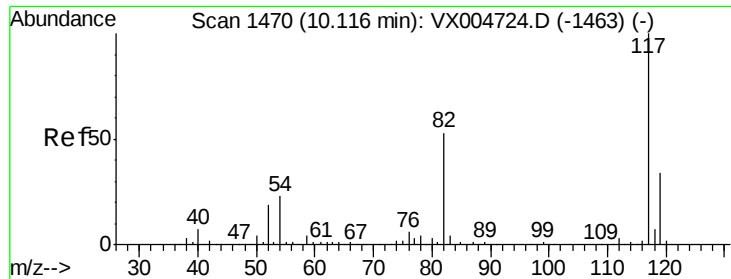


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





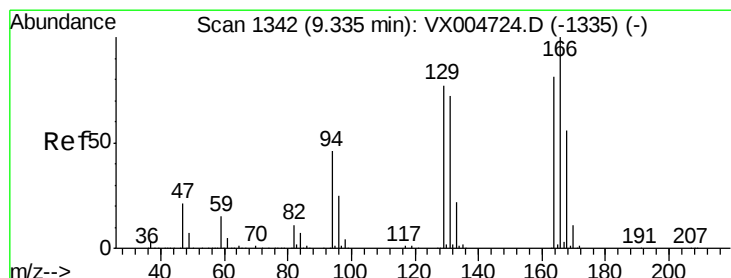
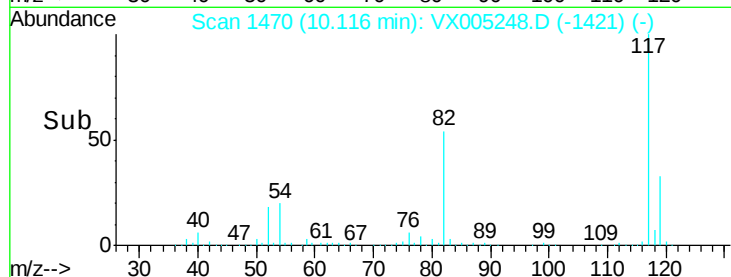
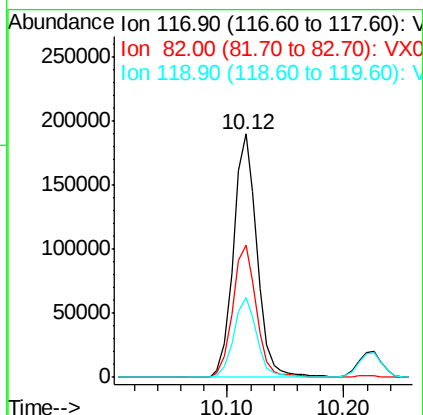
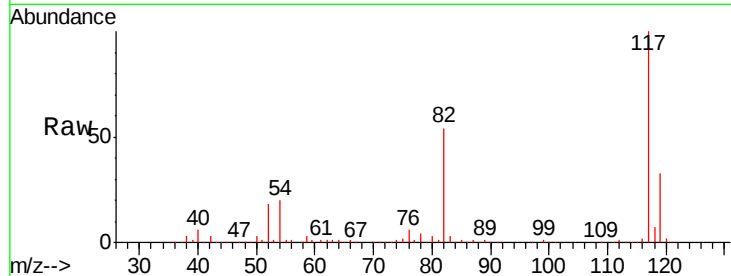
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	267236		
82	54.1	42.2	63.4	
119	32.6	27.4	41.0	

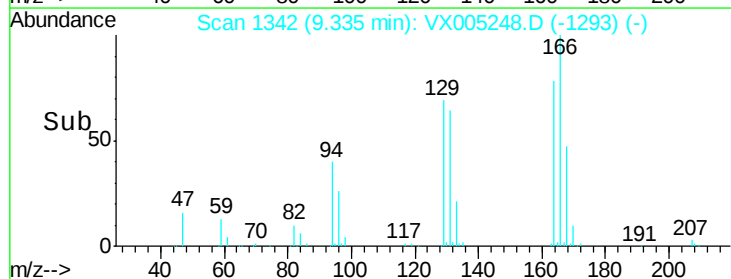
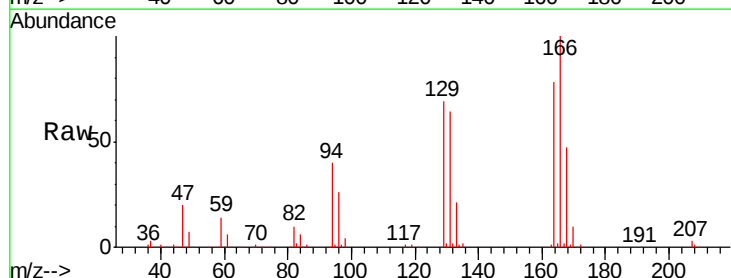
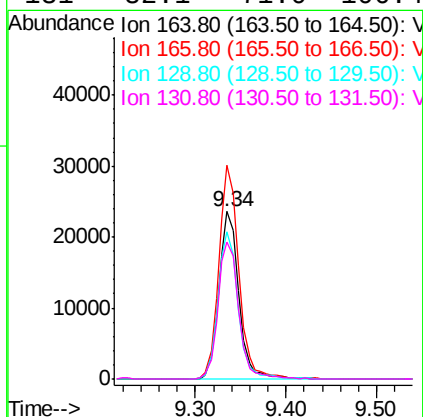
Manual Integrations
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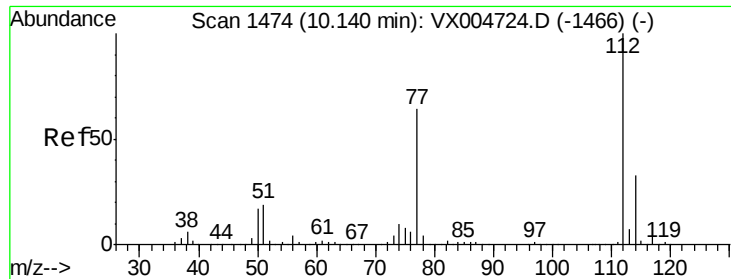
MMDadoda
10/12/2018 11:45:05 AM



#64
Tetrachloroethene
Concen: 13.76 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36182		
166	127.7	98.4	147.6	
129	87.9	76.1	114.1	
131	82.1	71.0	106.4	





#65

Chlorobenzene

Concen: 16.07 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion:112 Resp: 110156

Ion Ratio Lower Upper

112 100

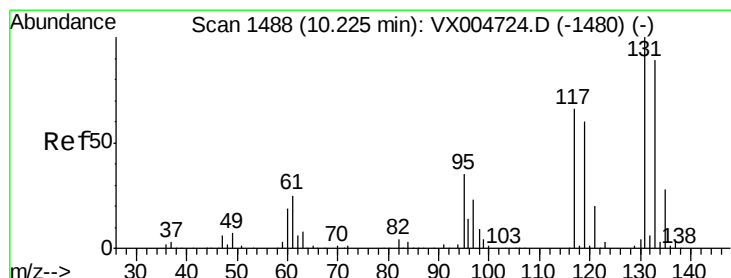
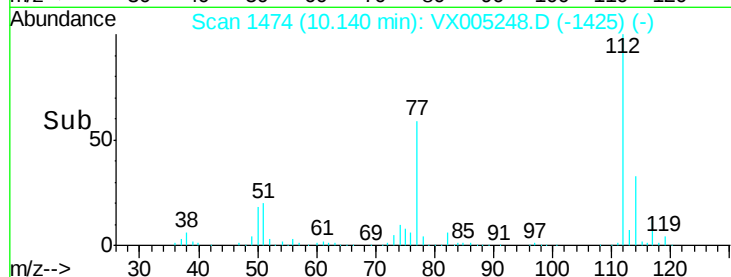
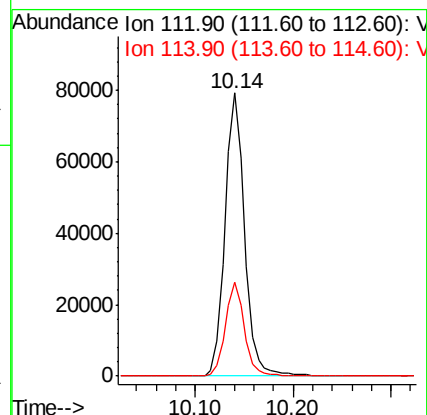
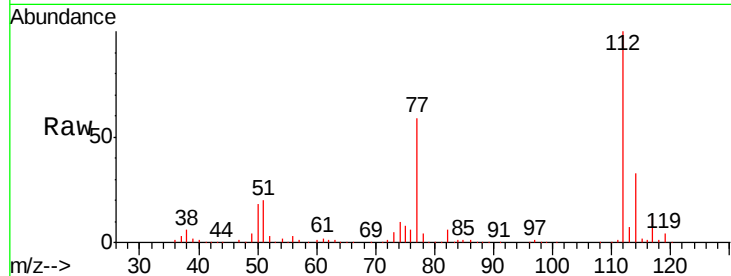
114 33.4 26.7 40.1

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 16.99 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

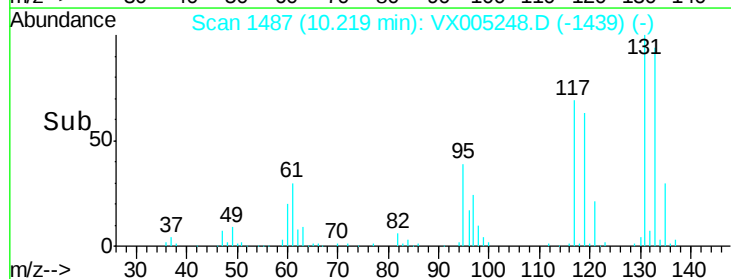
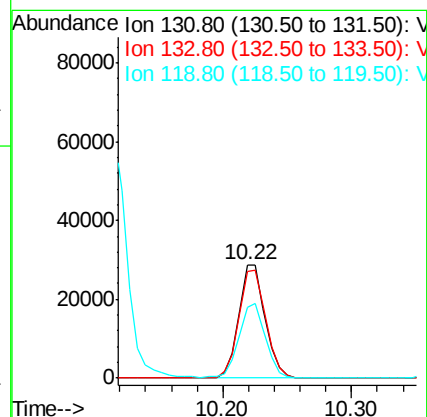
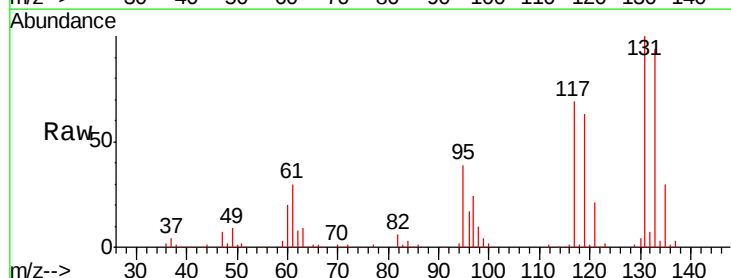
Tgt Ion:131 Resp: 40925

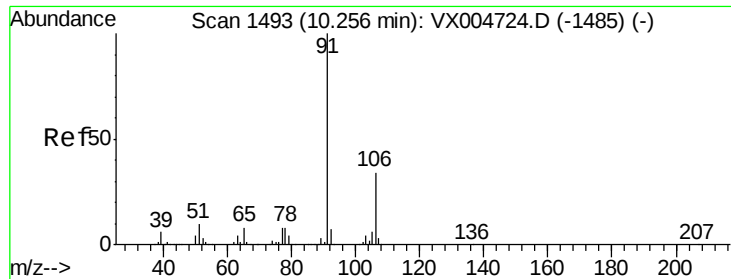
Ion Ratio Lower Upper

131 100

133 97.4 48.4 145.0

119 66.3 32.3 96.8





#67

Ethyl Benzene

Concen: 15.52 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 91 Resp: 168889

Ion Ratio Lower Upper

91 100

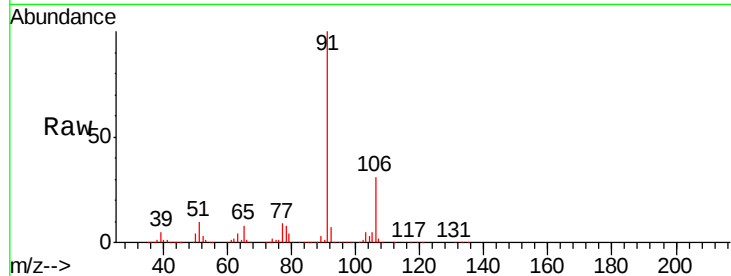
106 30.9 26.9 40.3

Manual Integrations

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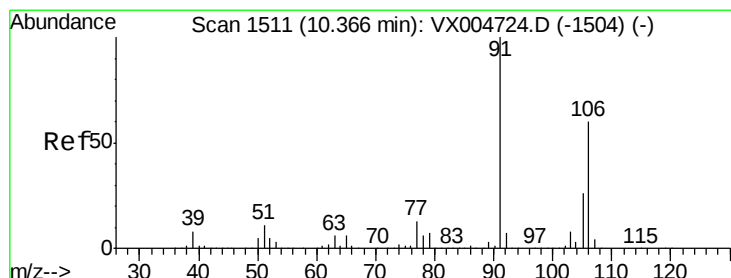
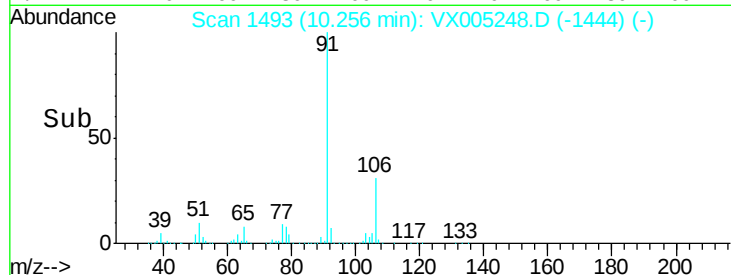
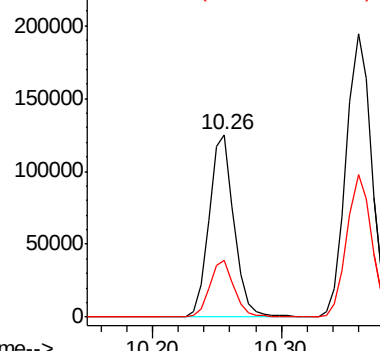
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 31.35 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005248.D

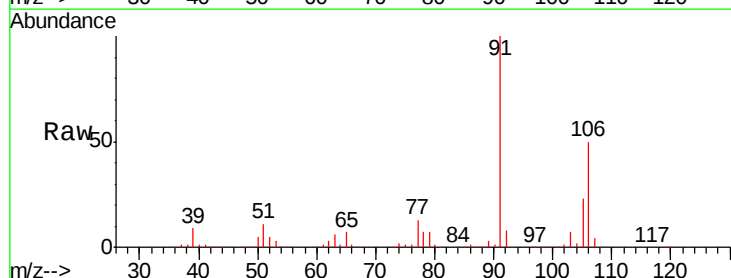
Acq: 11 Oct 2018 11:40

Tgt Ion: 106 Resp: 133294

Ion Ratio Lower Upper

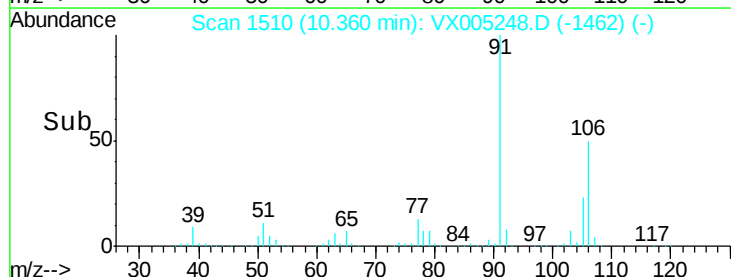
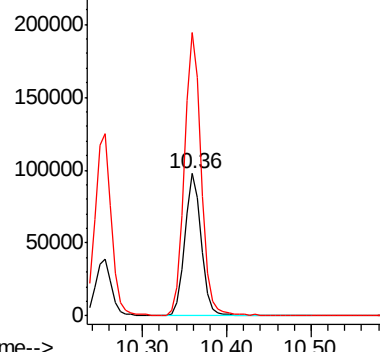
106 100

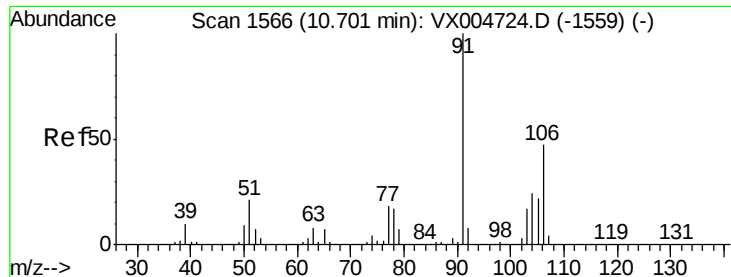
91 202.3 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





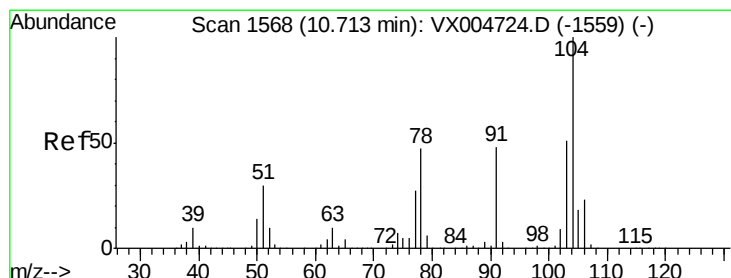
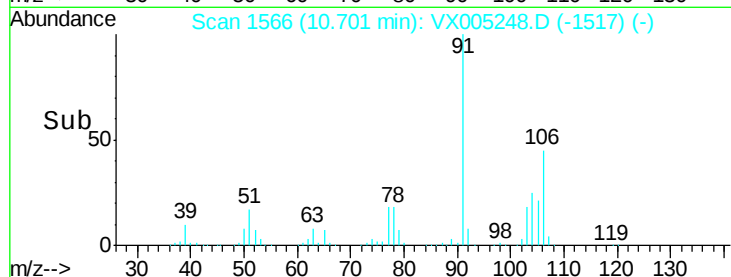
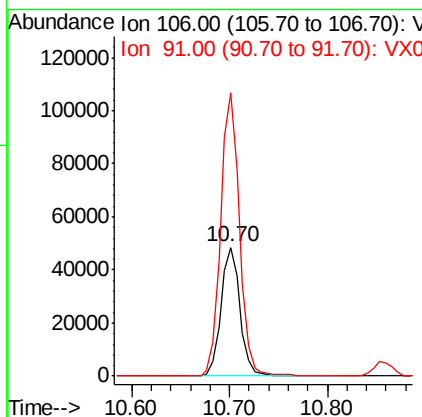
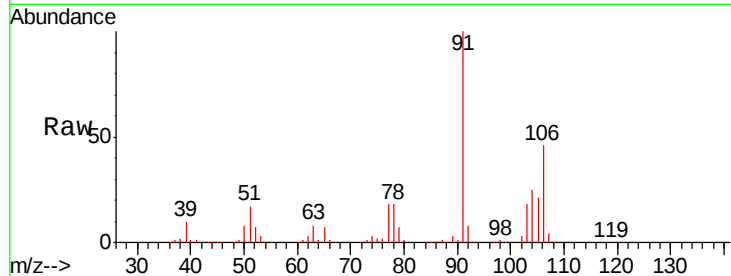
#69
o-Xylene
Concen: 16.76 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion:106 Resp: 65427
Ion Ratio Lower Upper
106 100
91 218.4 108.3 324.8

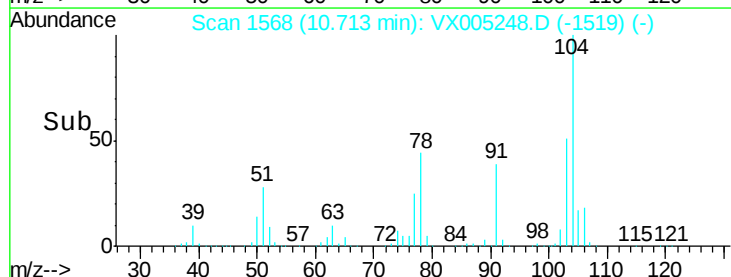
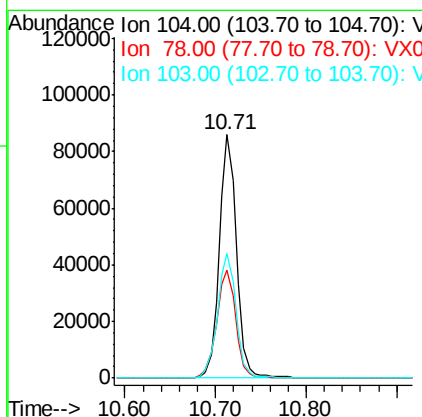
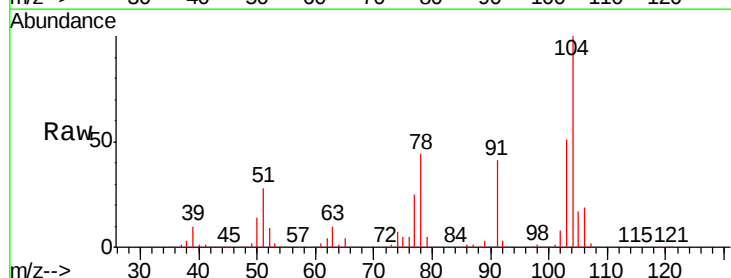
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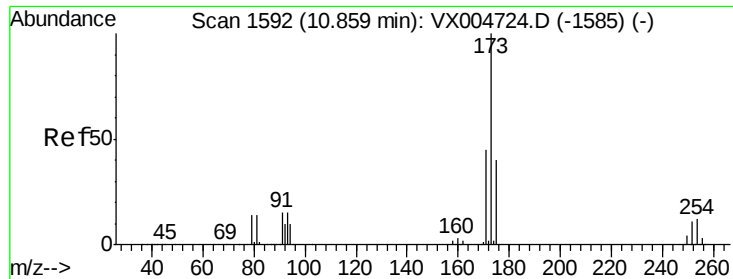
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#70
Styrene
Concen: 17.11 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion:104 Resp: 114238
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 55.2 44.3 66.5





#71

Bromoform

Concen: 18.10 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

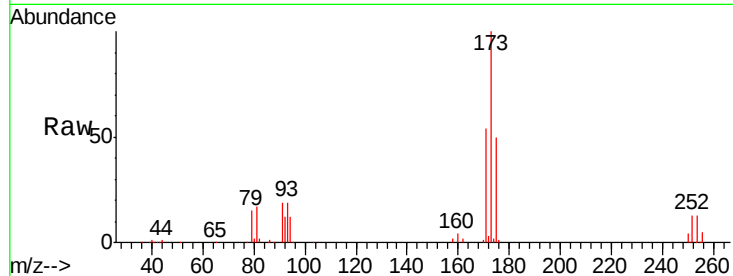
ClientSampleId :

VU1010WBS07

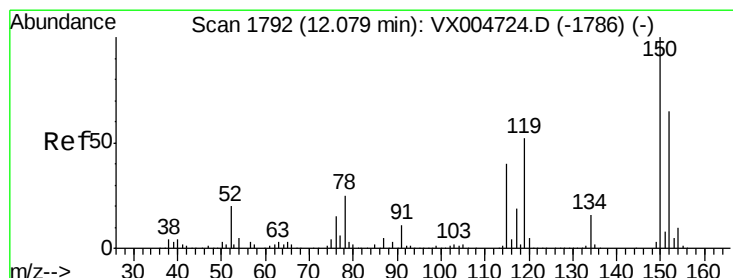
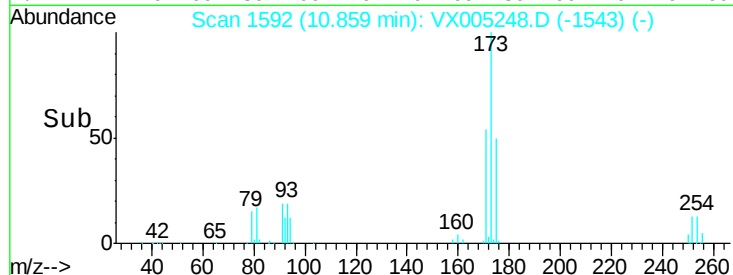
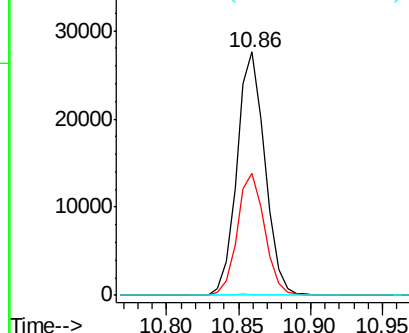
Tgt Ion:	173	Resp:	37330
Ion Ratio	Lower	Upper	
173	100		
175	49.1	23.3	69.8
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

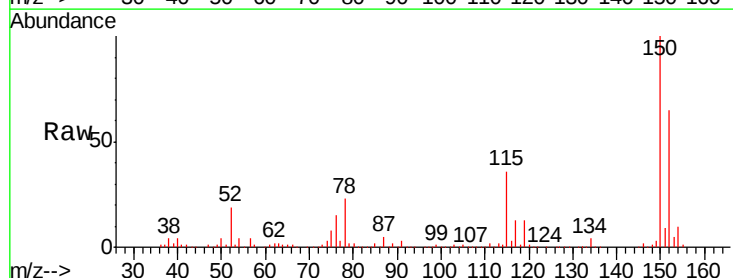
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

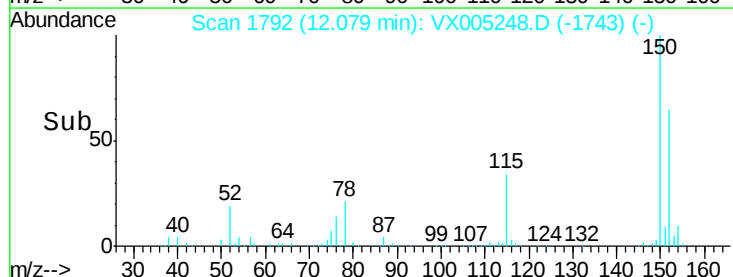
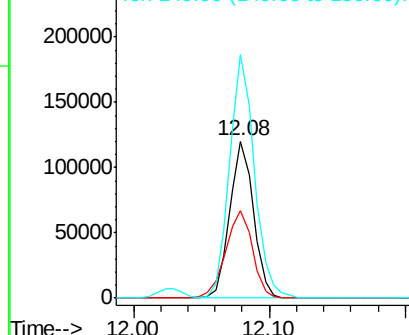
Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	152	Resp:	145928
Ion Ratio	Lower	Upper	
152	100		
115	62.8	40.2	120.6
150	162.3	0.0	351.0



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: 17.89 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 105 Resp: 164555

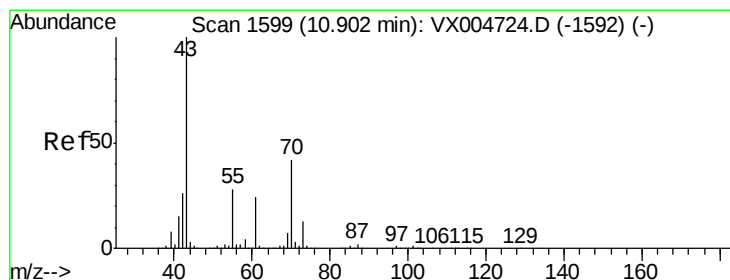
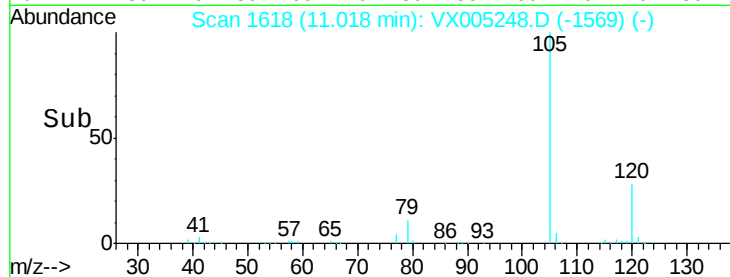
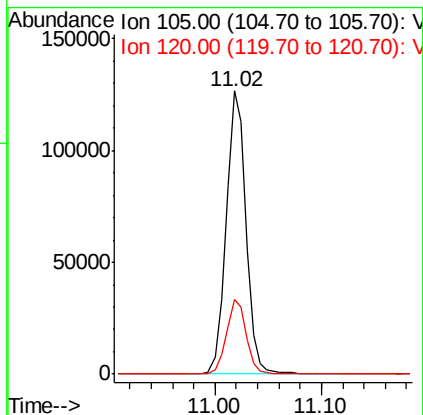
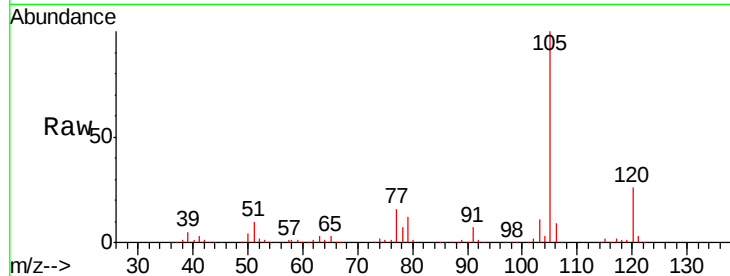
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.17 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion: 43 Resp: 91251

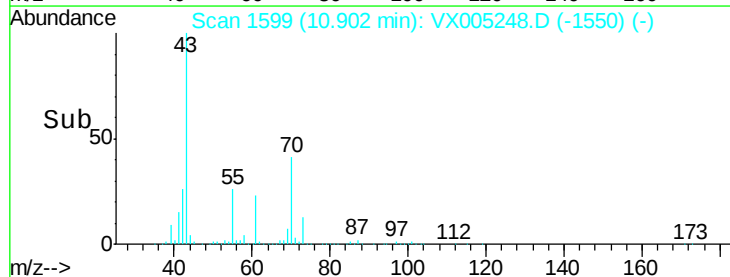
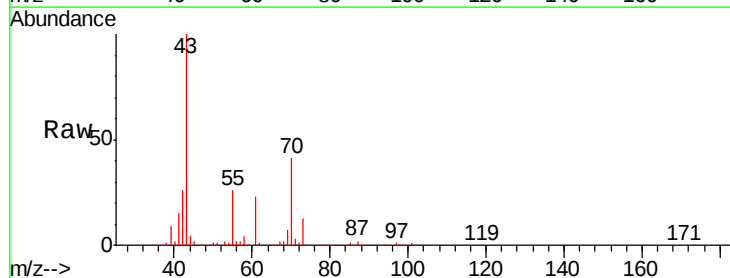
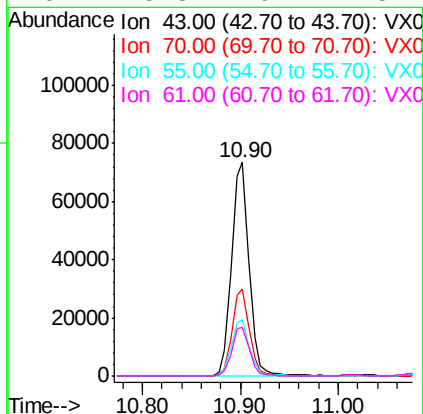
Ion Ratio Lower Upper

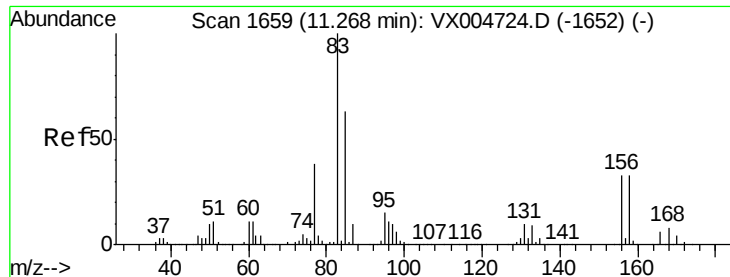
43 100

70 40.6 32.6 48.8

55 27.3 21.6 32.4

61 23.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.96 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

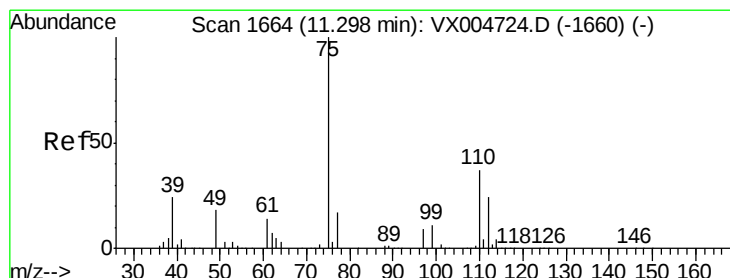
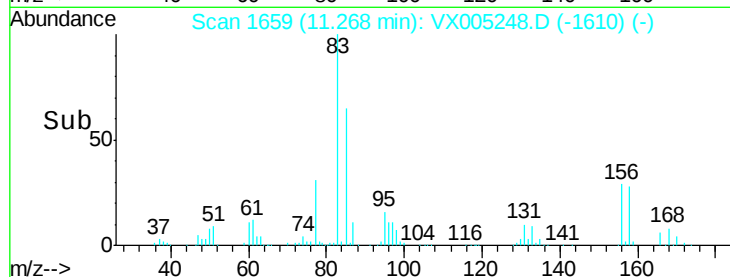
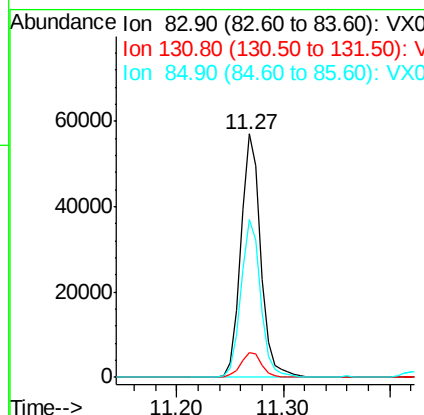
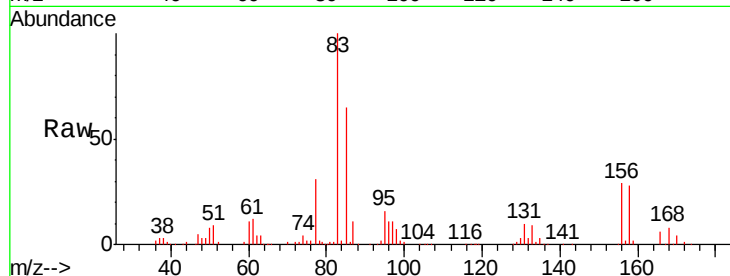
ClientSampleId :

VU1010WBS07

Tgt Ion:	83	Resp:	74722
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.3
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.00 ug/l m

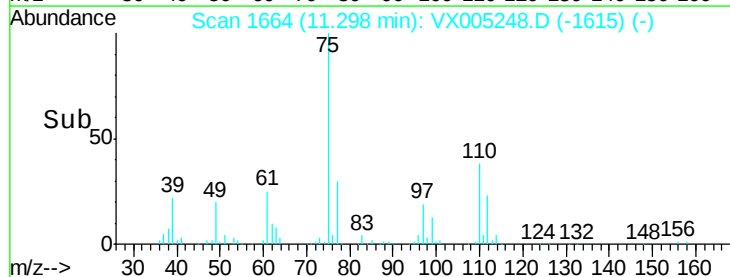
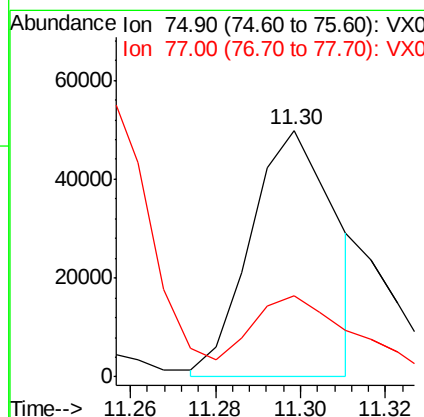
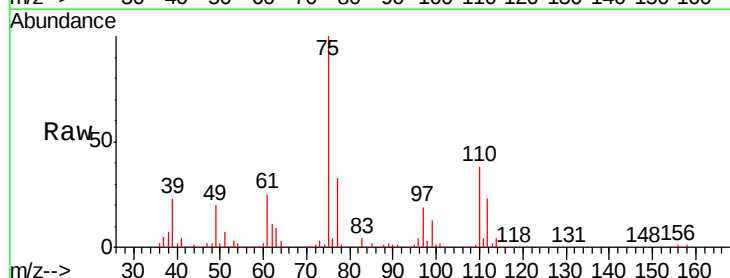
RT: 11.30 min Scan# 1664

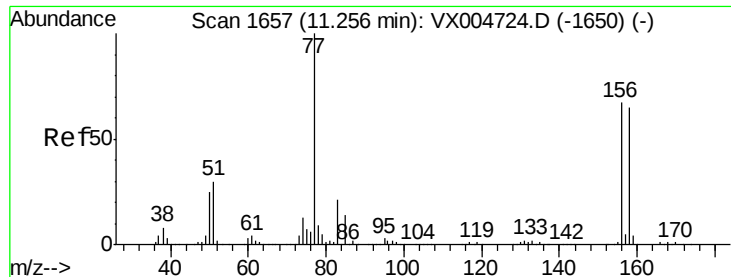
Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	75	Resp:	68699
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.4	64.3





#77

Bromobenzene

Concen: 19.72 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

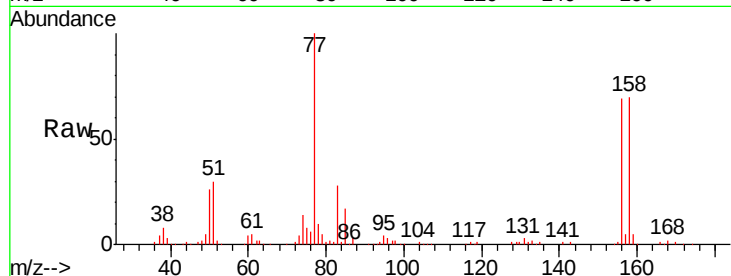
ClientSampleId :

VU1010WBS07

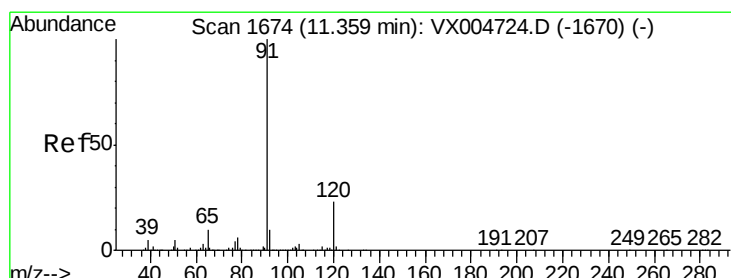
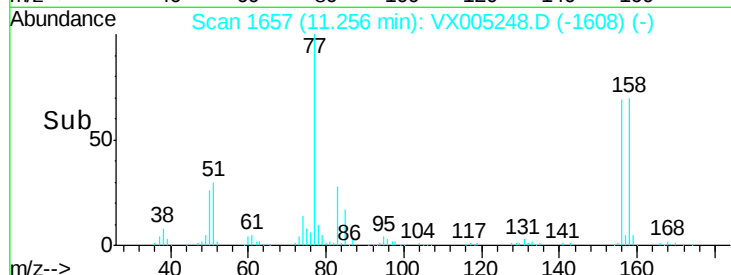
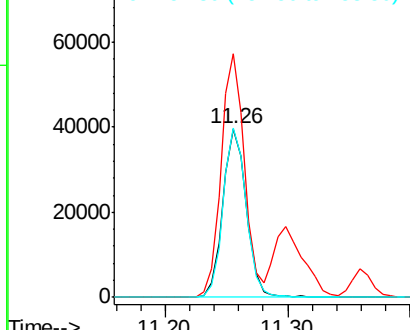
Tgt Ion:	156	Resp:	52687
Ion Ratio	Lower	Upper	
156	100		
77	144.1	73.4	220.2
158	98.5	49.1	147.4

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



#78

n-propylbenzene

Concen: 17.54 ug/l

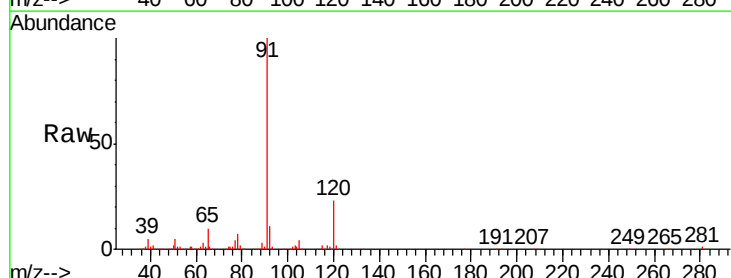
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

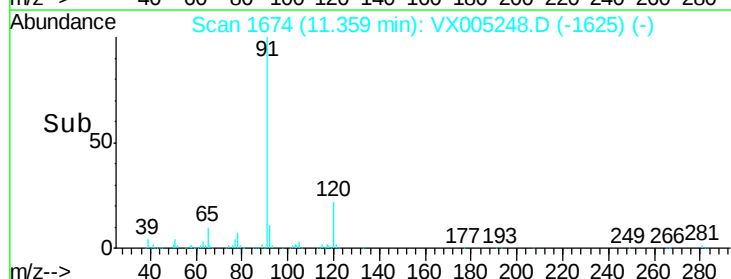
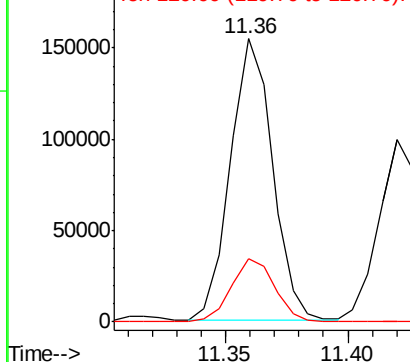
Lab File: VX005248.D

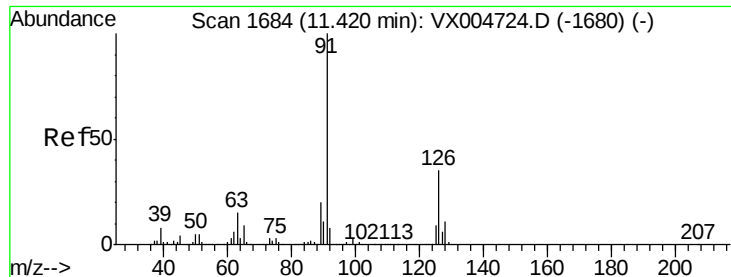
Acq: 11 Oct 2018 11:40

Tgt Ion:	91	Resp:	185111
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.0	36.0



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





#79

2-Chlorotoluene

Concen: 18.80 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

Tgt Ion: 91 Resp: 123692

Ion Ratio Lower Upper

91 100

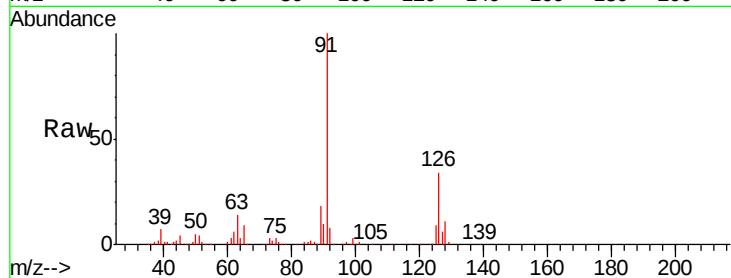
126 35.4 17.6 52.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)

150000

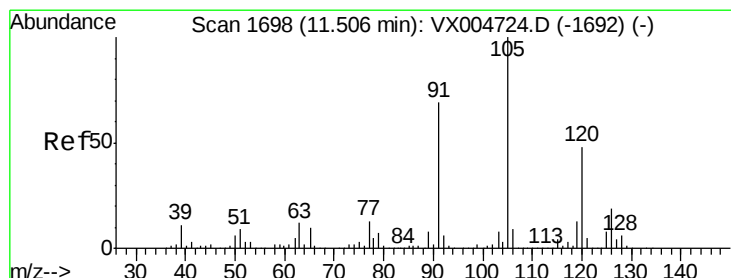
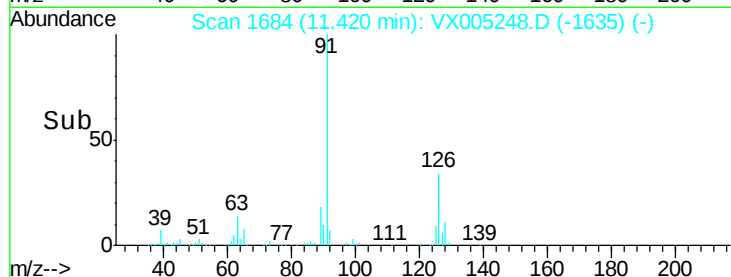
100000

50000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.05 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005248.D

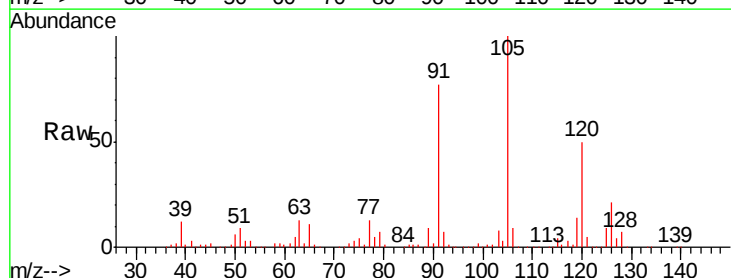
Acq: 11 Oct 2018 11:40

Tgt Ion: 105 Resp: 144837

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

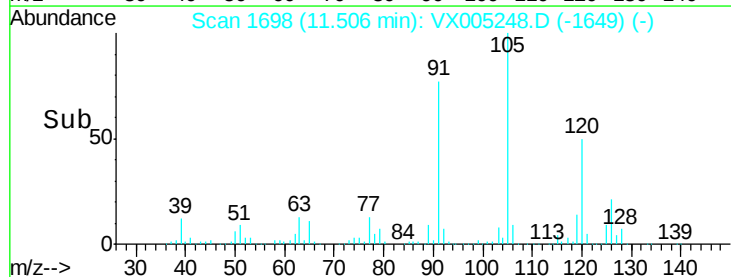
100000

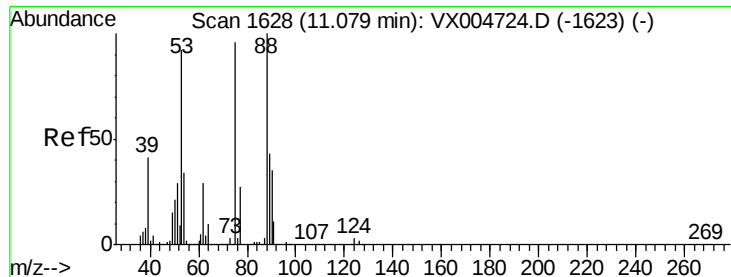
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.18 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

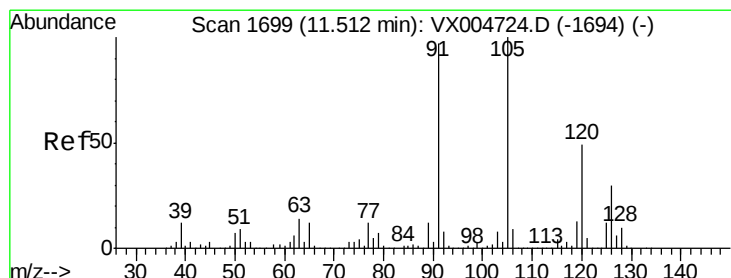
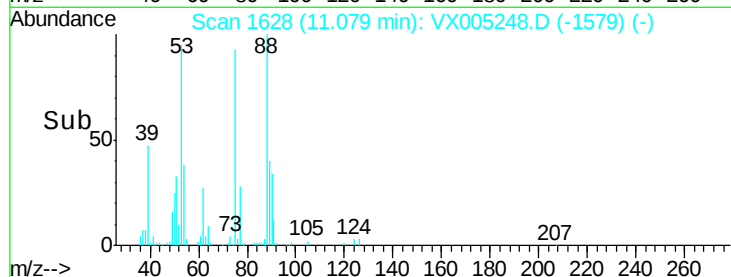
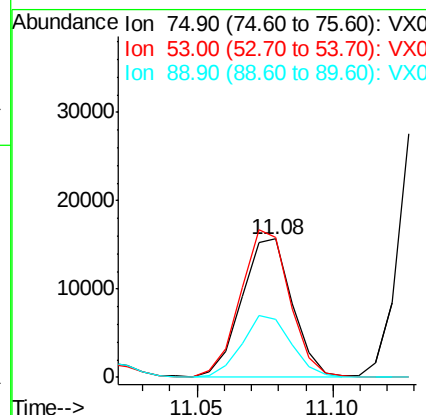
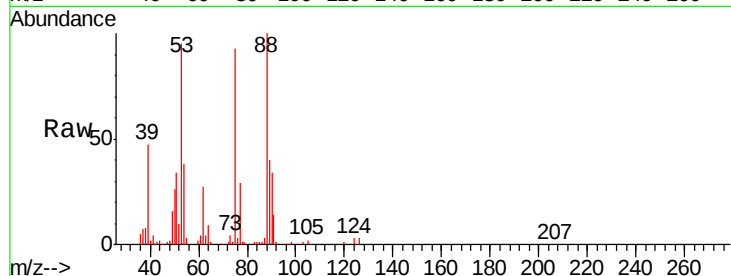
ClientSampleId :

VU1010WBS07

Tgt Ion:	75	Resp:	20223
Ion Ratio	Lower	Upper	
75	100		
53	104.1	80.2	120.4
89	44.5	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.84 ug/l

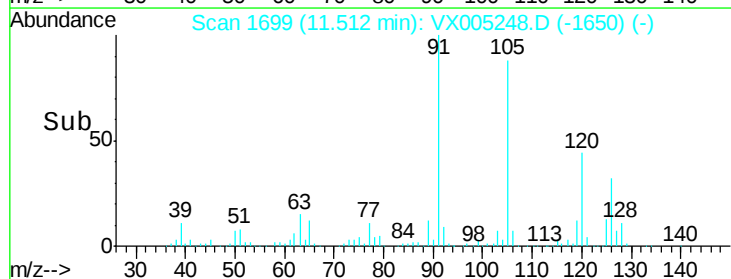
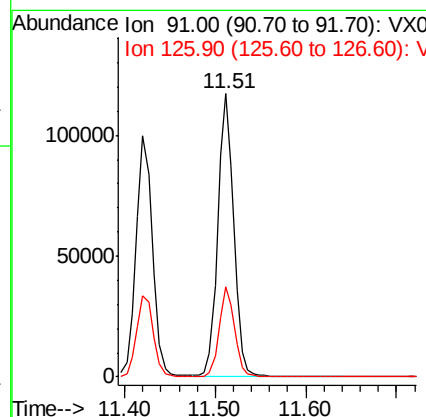
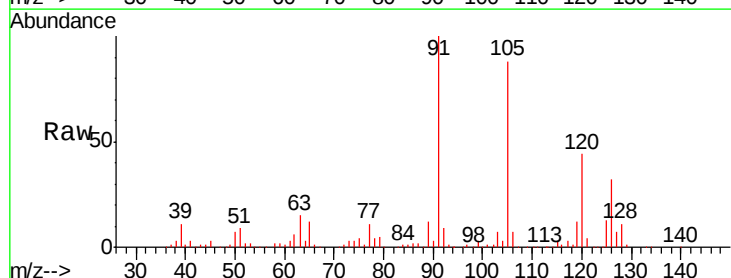
RT: 11.51 min Scan# 1699

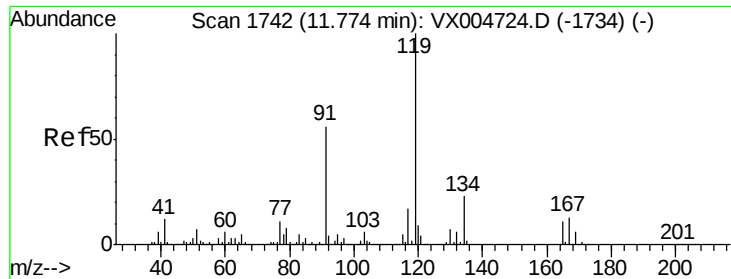
Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	91	Resp:	145865
Ion Ratio	Lower	Upper	
91	100		
126	30.6	15.5	46.5





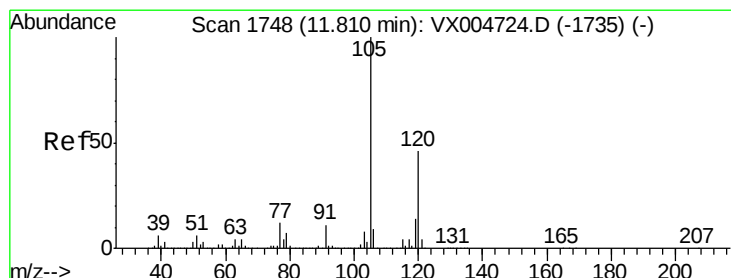
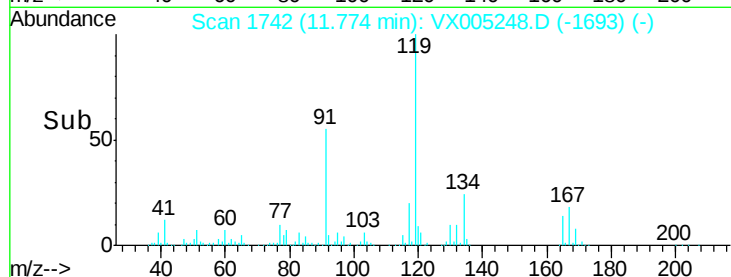
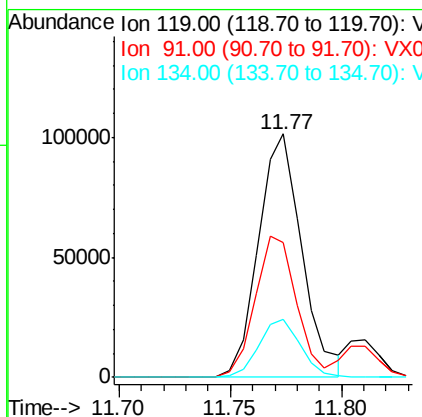
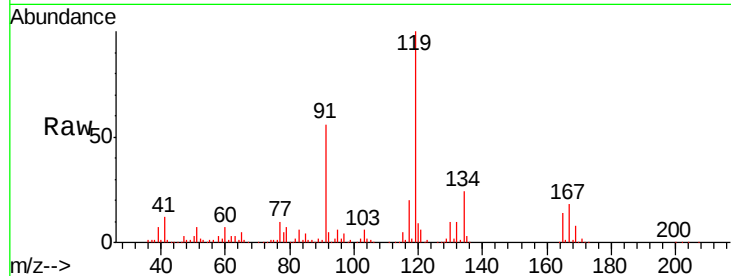
#83
 tert-Butylbenzene
 Concen: 18.20 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	137862		
91	55.5	27.5	82.5	
134	23.1	11.5	34.4	

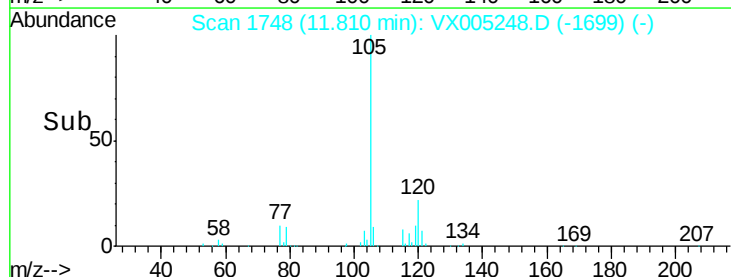
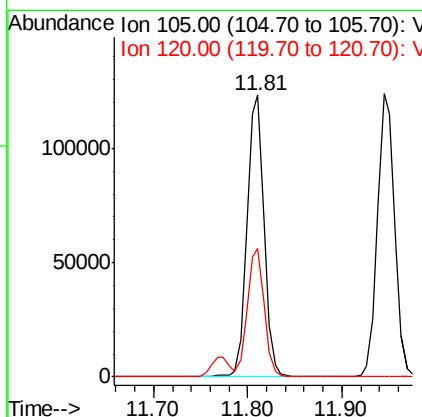
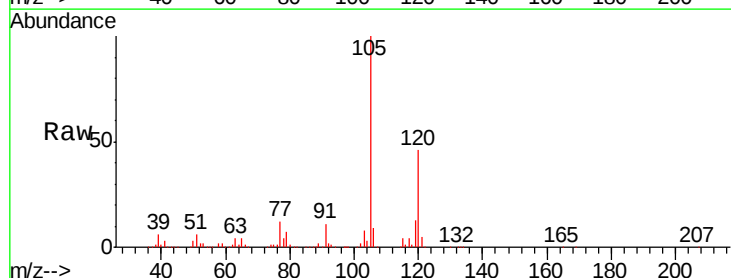
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.55 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	153685		
120	45.0	22.8	68.3	





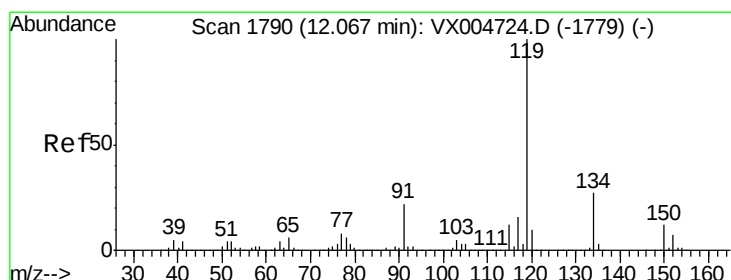
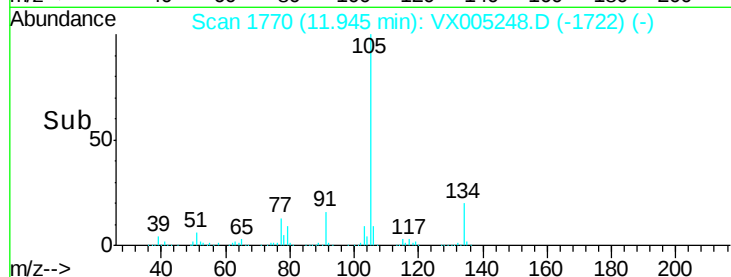
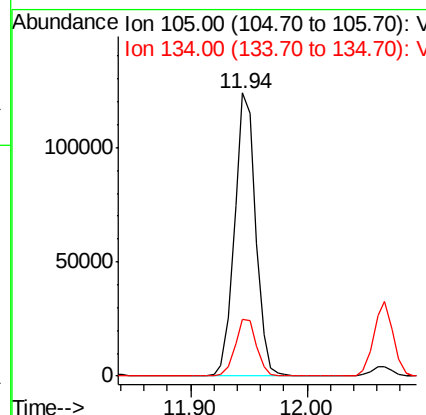
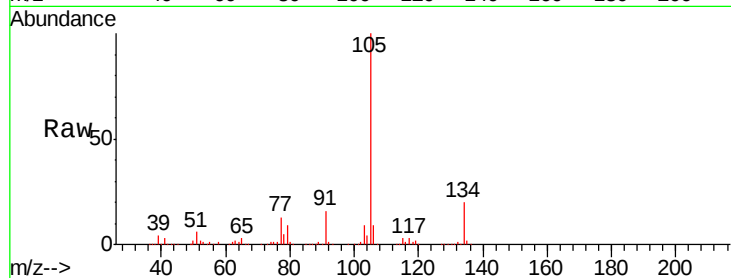
#85
 sec-Butylbenzene
 Concen: 16.91 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155994		
134	20.4	10.2	30.4	

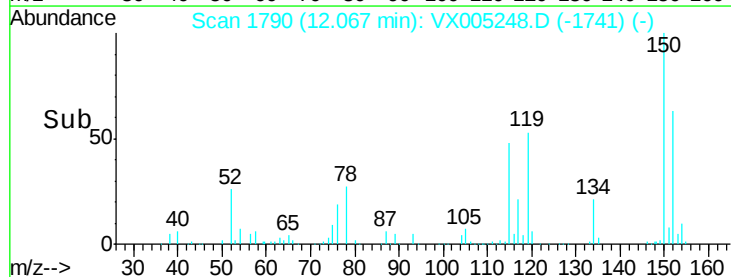
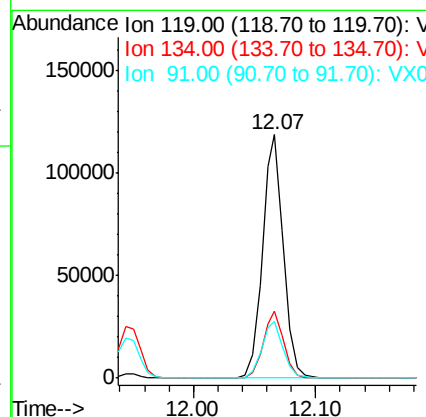
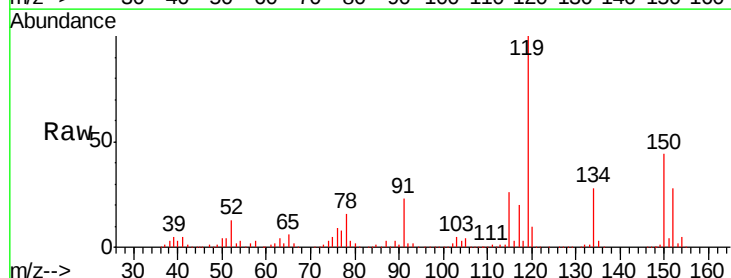
Manual Integrations
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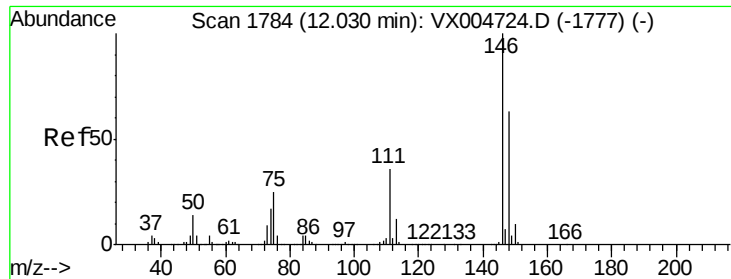
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#86
 p-Isopropyltoluene
 Concen: 16.87 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	140972		
134	26.9	13.4	40.1	
91	23.9	11.5	34.4	





#87

1,3-Dichlorobenzene

Concen: 18.55 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

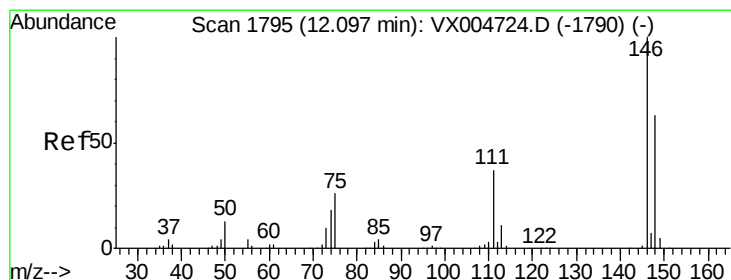
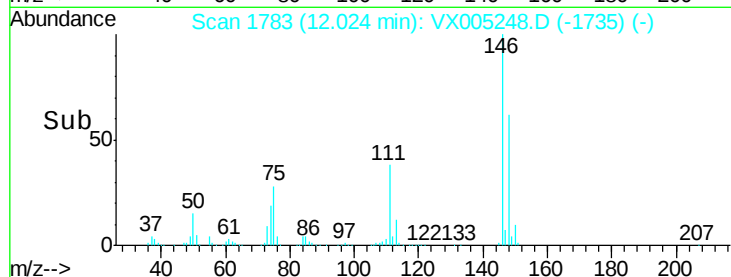
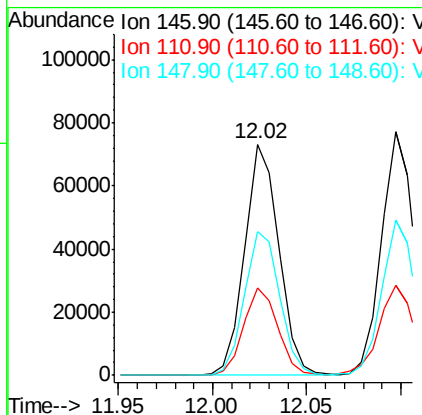
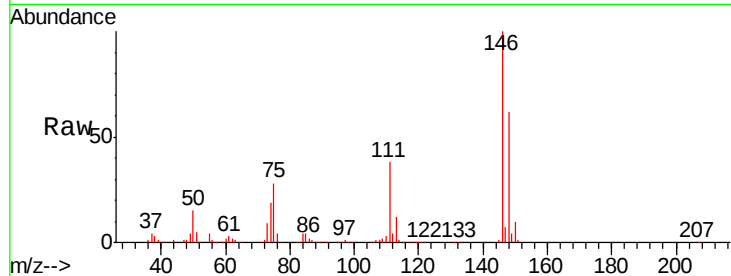
ClientSampleId :

VU1010WBS07

Tgt Ion:	146	Resp:	92539
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.9	56.9
148	63.9	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 18.38 ug/l

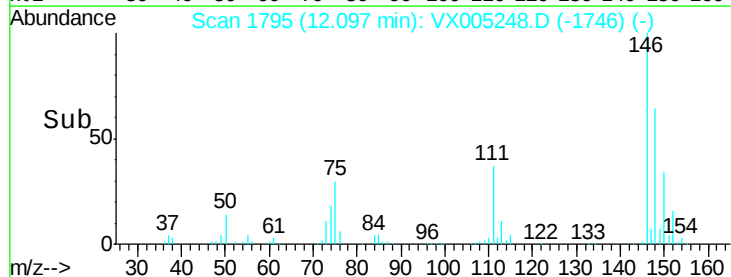
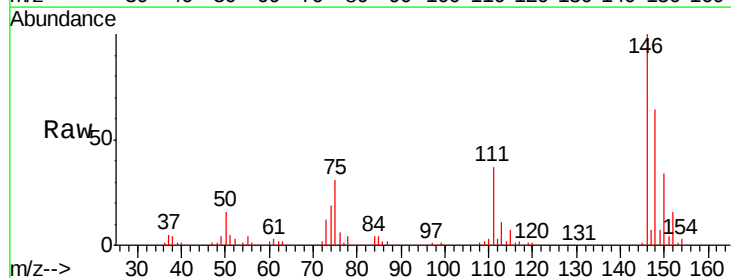
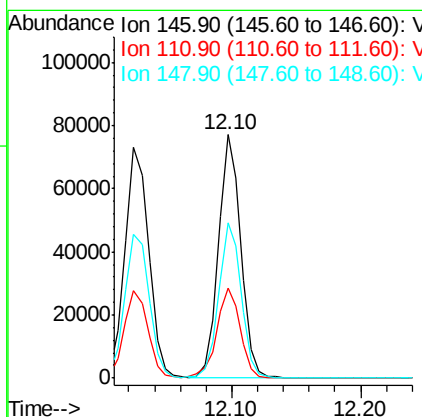
RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion:	146	Resp:	94664
Ion Ratio	Lower	Upper	
146	100		
111	38.8	18.4	55.2
148	64.5	32.0	96.0





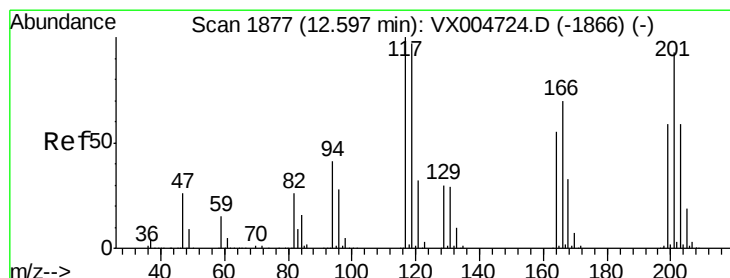
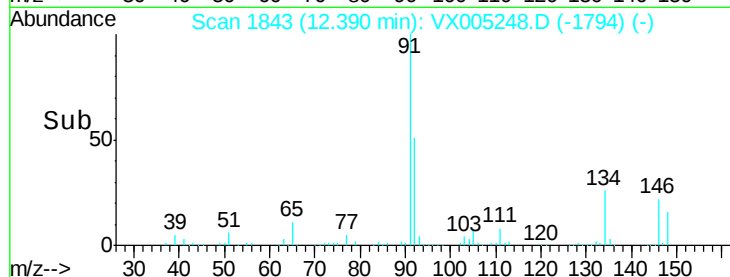
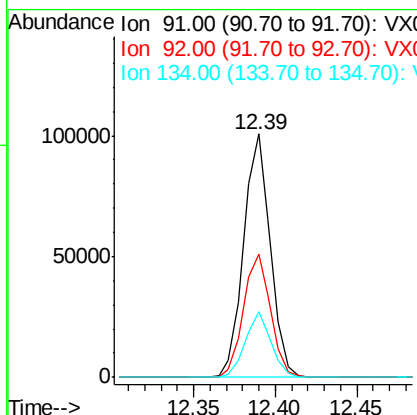
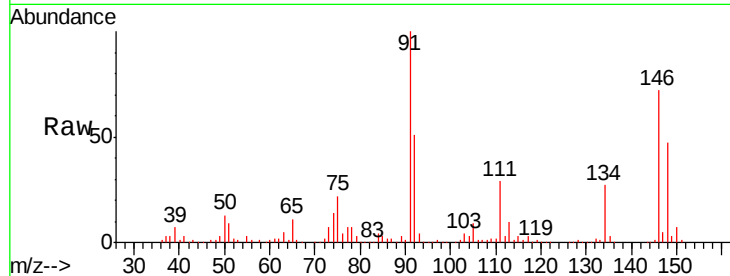
#89
n-Butylbenzene
Concen: 15.18 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion: 91 Resp: 115225
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 25.7 13.2 39.6

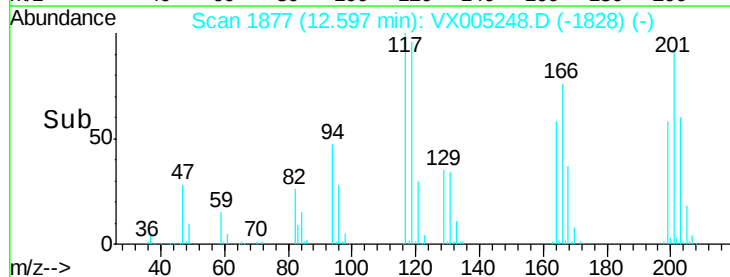
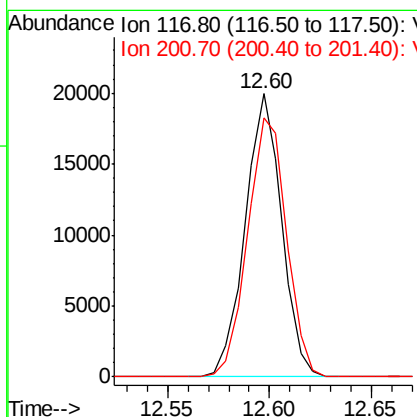
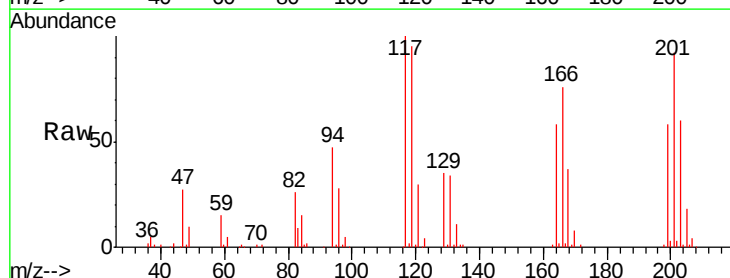
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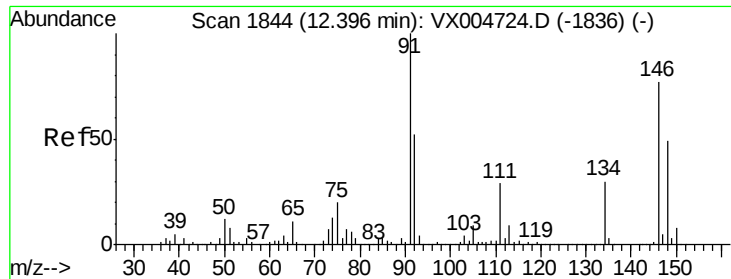
MMDadoda
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#90
Hexachloroethane
Concen: 17.77 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 117 Resp: 24727
Ion Ratio Lower Upper
117 100
201 98.1 48.4 145.0





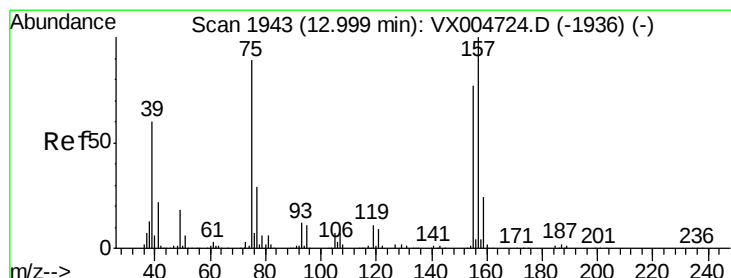
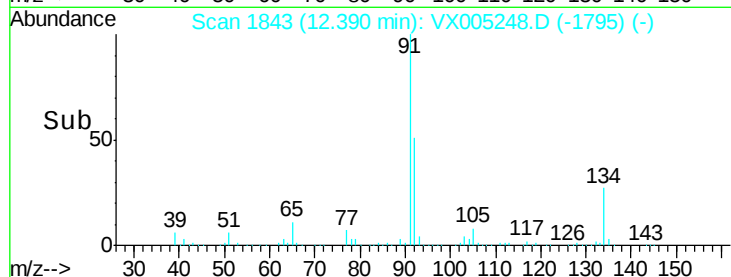
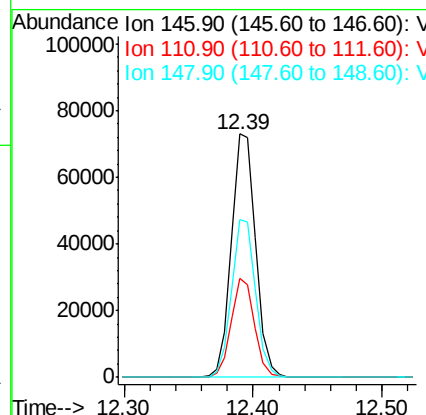
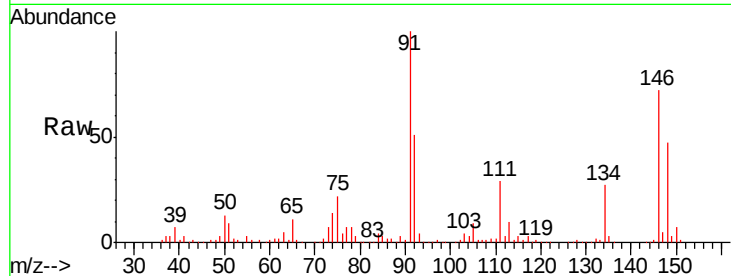
#91
 1,2-Dichlorobenzene
 Concen: 18.61 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	64.3	31.8	95.4

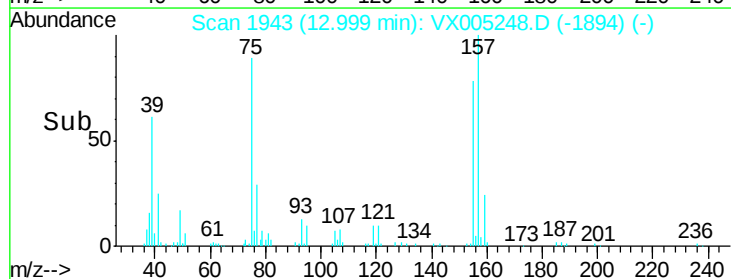
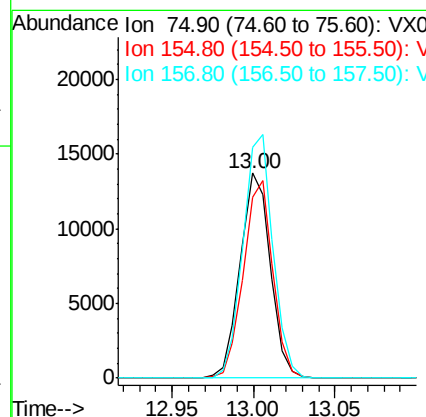
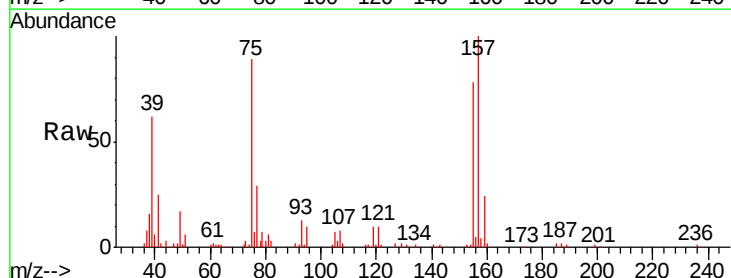
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.60 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	46.1	138.3
157	117.9	60.2	180.6





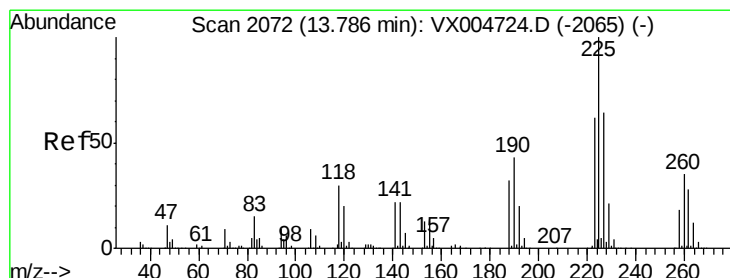
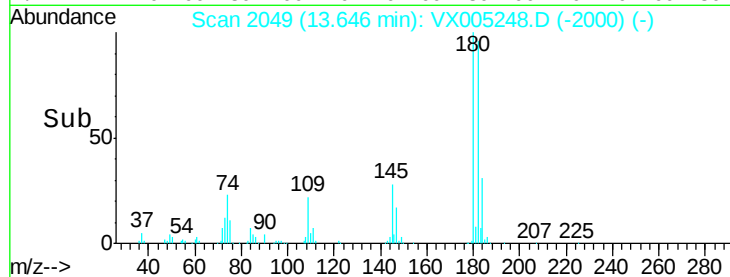
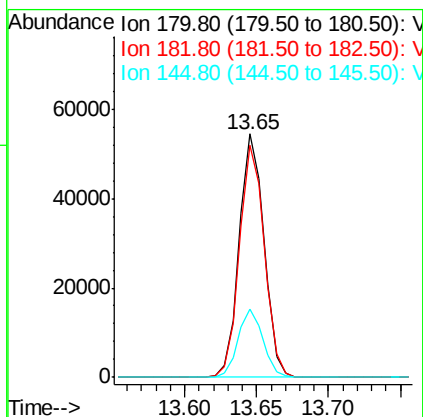
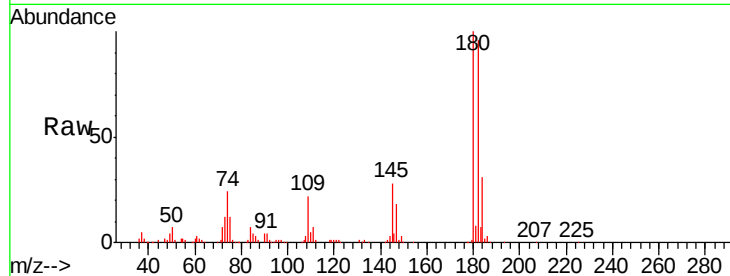
#93
 1,2,4-Trichlorobenzene
 Concen: 17.85 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	27.9	14.1	42.4

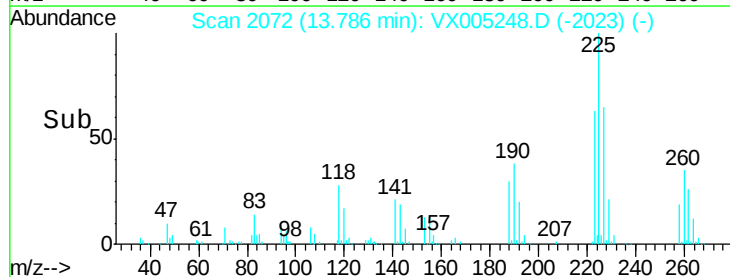
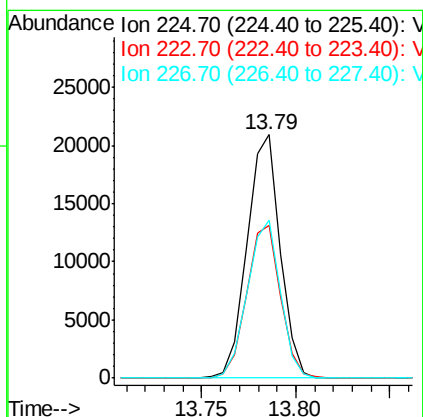
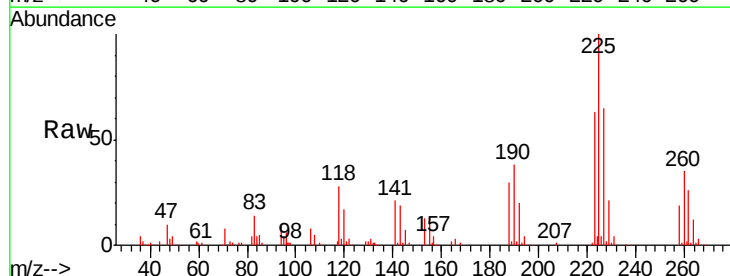
Manual Integrations
 APPROVED

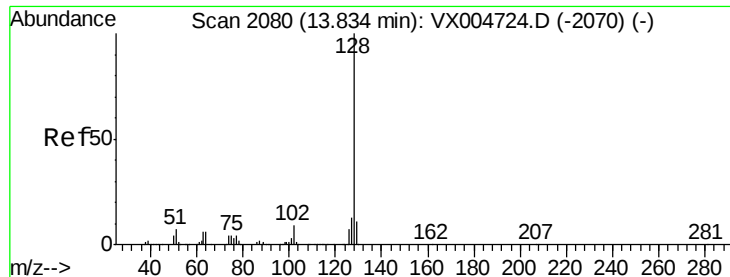
MMDadoda
 10/12/2018 11:45:05 AM



#94
 Hexachlorobutadiene
 Concen: 13.39 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.3	93.8
227	64.7	31.9	95.5





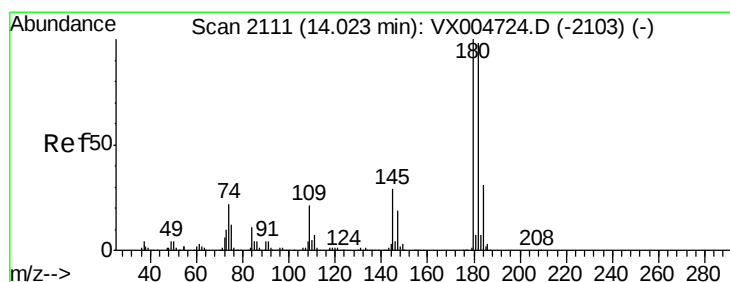
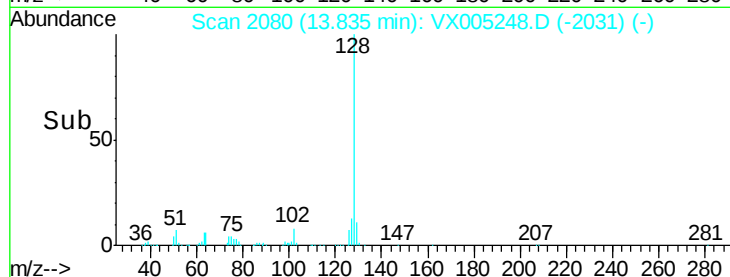
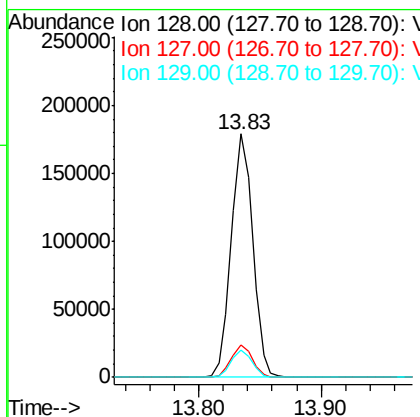
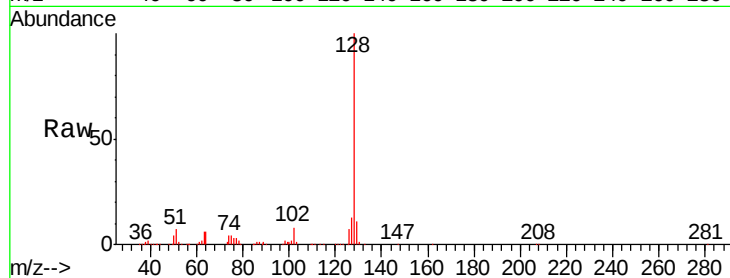
#95
Naphthalene
Concen: 18.35 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	217170		
127	13.2	10.4	15.6	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.81 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	71076		
182	96.2	47.9	143.8	
145	30.2	15.0	45.0	

