

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005046.D
 Acq On : 05 Oct 2018 04:30
 Operator : JC/MD
 Sample : VX1004WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 6:15:40 PM

Quant Time: Oct 05 05:36:34 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	208723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	334467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159970	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
35) Dibromofluoromethane	5.51	113	126898	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	8.72	98	474043	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.14	95	173844	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62257	21.876	ug/l	99
3) Chloromethane	1.32	50	72231	20.920	ug/l	95
4) Vinyl Chloride	1.40	62	72707	22.452	ug/l	98
5) Bromomethane	1.64	94	43436	22.619	ug/l	92
6) Chloroethane	1.72	64	42051	22.550	ug/l #	84
7) Trichlorofluoromethane	1.93	101	87481	21.821	ug/l	88
8) Diethyl Ether	2.19	74	37363	21.453	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49213	21.550	ug/l	99
10) Methyl Iodide	2.51	142	48939	16.015	ug/l	93
11) Tert butyl alcohol	3.07	59	99140	118.918	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49289	21.794	ug/l	89
13) Acrolein	2.29	56	16299	27.478	ug/l	86
14) Allyl chloride	2.73	41	105791	21.439	ug/l	95
15) Acrylonitrile	3.15	53	214478	116.865	ug/l	97
16) Acetone	2.45	43	191955	110.273	ug/l	92
17) Carbon Disulfide	2.57	76	133266	19.610	ug/l	99
18) Methyl Acetate	2.78	43	120648	27.356	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	187515	24.037	ug/l	98
20) Methylene Chloride	2.85	84	58722	22.744	ug/l #	83
21) trans-1,2-Dichloroethene	3.16	96	52353	21.147	ug/l #	83
22) Diisopropyl ether	3.87	45	193594	23.298	ug/l	96
23) Vinyl Acetate	3.82	43	838979	110.304	ug/l	96
24) 1,1-Dichloroethane	3.70	63	105000	21.184	ug/l	100
25) 2-Butanone	4.70	43	283836	110.620	ug/l	91
26) 2,2-Dichloropropane	4.59	77	47880	13.872	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	59579	21.542	ug/l	94
28) Bromochloromethane	5.01	49	53708	23.010	ug/l	94
29) Tetrahydrofuran	5.15	42	190156	119.236	ug/l	97
30) Chloroform	5.21	83	102576	21.897	ug/l	94
31) Cyclohexane	5.57	56	81972	21.608	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	83351	21.787	ug/l	96
36) 1,1-Dichloropropene	5.80	75	68442	17.697	ug/l	95
37) Ethyl Acetate	4.86	43	98463	19.179	ug/l	97
38) Carbon Tetrachloride	5.78	117	71344	17.549	ug/l	89

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Manual Integrations
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Quant Time: Oct 05 05:36:34 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)
39) Methylcyclohexane	7.46	83	71159	18.019	ug/l	# 85
40) Benzene	6.15	78	220835	18.239	ug/l	92
41) Methacrylonitrile	5.06	41	56261	19.761	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82137	19.190	ug/l	97
43) Isopropyl Acetate	6.46	43	137389	18.542	ug/l	96
44) Trichloroethene	7.21	130	57400	19.284	ug/l	92
45) 1,2-Dichloropropane	7.52	63	58287	19.630	ug/l	99
46) Dibromomethane	7.66	93	37411	20.048	ug/l	99
47) Bromodichloromethane	7.90	83	70844	20.277	ug/l	99
48) Methyl methacrylate	7.78	41	71537	21.271	ug/l	98
49) 1,4-Dioxane	7.76	88	33369	399.366	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	506740	108.613	ug/l	98
52) Toluene	8.79	92	134288	20.184	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	71136	18.018	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	79747	19.284	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	57437	19.709	ug/l	96
56) Ethyl methacrylate	9.18	69	83458	19.500	ug/l	98
57) 1,3-Dichloropropane	9.37	76	94048	19.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	238843	103.939	ug/l	99
59) 2-Hexanone	9.50	43	395564	101.743	ug/l	95
60) Dibromochloromethane	9.59	129	55659	19.097	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59165	18.957	ug/l	97
64) Tetrachloroethene	9.34	164	60405	20.163	ug/l	96
65) Chlorobenzene	10.14	112	148942	19.082	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54110	19.719	ug/l	99
67) Ethyl Benzene	10.26	91	242586	19.576	ug/l	95
68) m/p-Xylenes	10.36	106	188709	38.970	ug/l	94
69) o-Xylene	10.70	106	91848	20.650	ug/l	100
70) Styrene	10.71	104	155321	20.013	ug/l	100
71) Bromoform	10.86	173	44940	19.130	ug/l	# 97
73) Isopropylbenzene	11.02	105	247581	21.683	ug/l	100
74) N-amyl acetate	10.90	43	116736	19.698	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91123	19.605	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	83829m	20.646	ug/l	
77) Bromobenzene	11.26	156	68622	20.691	ug/l	98
78) n-propylbenzene	11.36	91	277532	21.184	ug/l	100
79) 2-Chlorotoluene	11.42	91	173016	21.187	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	207476	19.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20090	14.946	ug/l	96
82) 4-Chlorotoluene	11.51	91	203529	21.175	ug/l	99
83) tert-Butylbenzene	11.77	119	200360	21.313	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	216124	19.907	ug/l	100
85) sec-Butylbenzene	11.94	105	241377	21.080	ug/l	100
86) p-Isopropyltoluene	12.07	119	213825	20.611	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	121880	19.681	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126306	19.757	ug/l	99
89) n-Butylbenzene	12.39	91	180672	19.176	ug/l	100
90) Hexachloroethane	12.60	117	33581	19.441	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	124202	19.191	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20806	20.387	ug/l	98

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ClientSampleId :
VX1004WBSD04

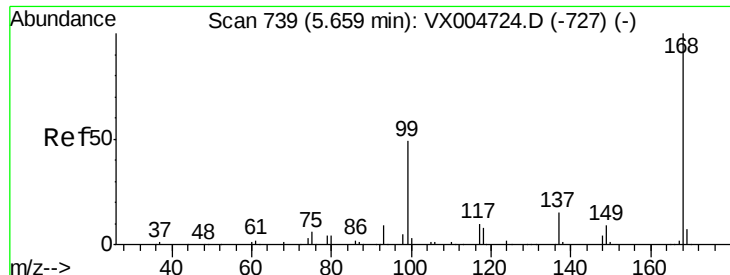
Manual Integrations
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10/5/2018 6:15:40 PM

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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	89089	19.624	ug/l	100
94) Hexachlorobutadiene	13.79	225	41208	17.504	ug/l	99
95) Naphthalene	13.83	128	290273	19.706	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93633	19.966	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion:168 Resp: 208723

Ion Ratio Lower Upper

168 100

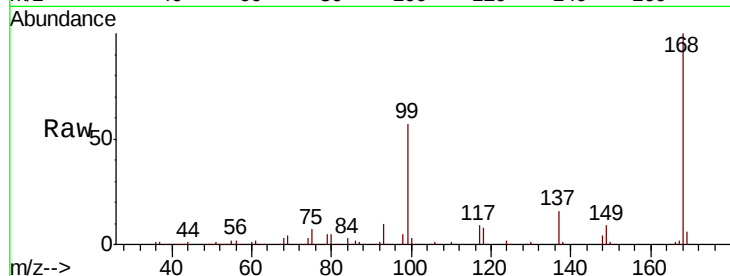
99 56.8 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

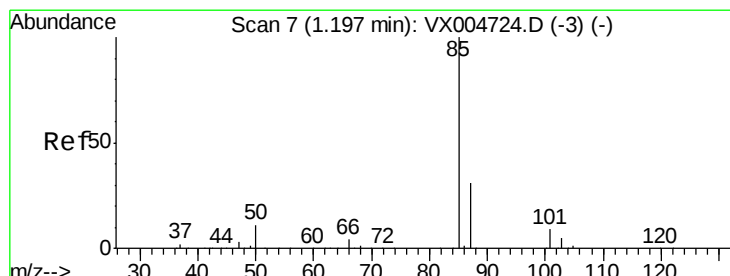
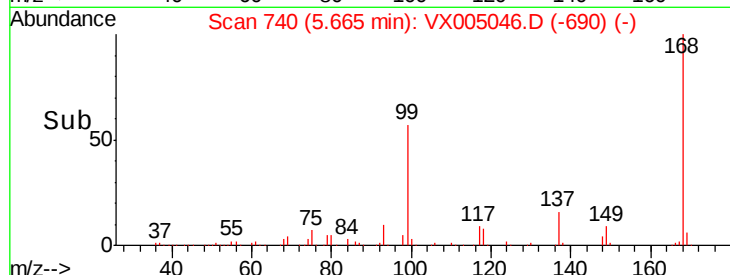
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 21.876 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005046.D

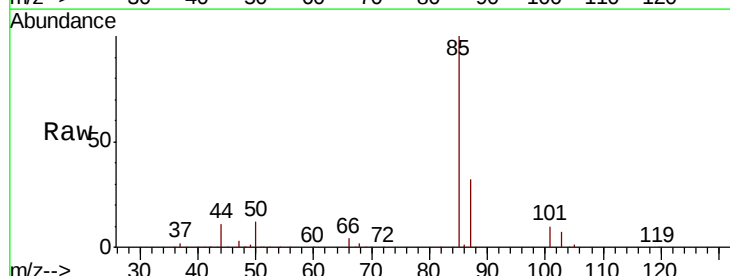
Acq: 05 Oct 2018 04:30

Tgt Ion: 85 Resp: 62257

Ion Ratio Lower Upper

85 100

87 32.1 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

60000

40000

20000

0

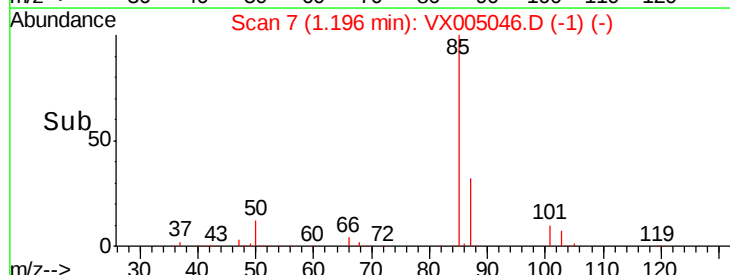
Time-->

1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 20.920 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 50 Resp: 72231

Ion Ratio Lower Upper

50 100

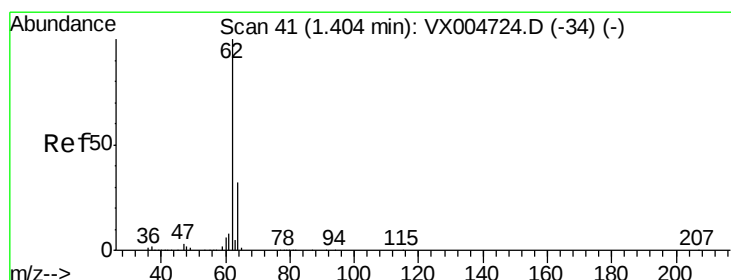
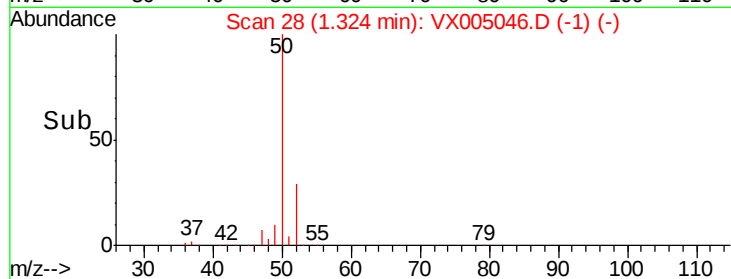
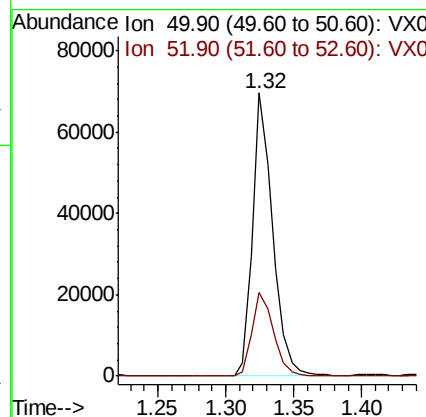
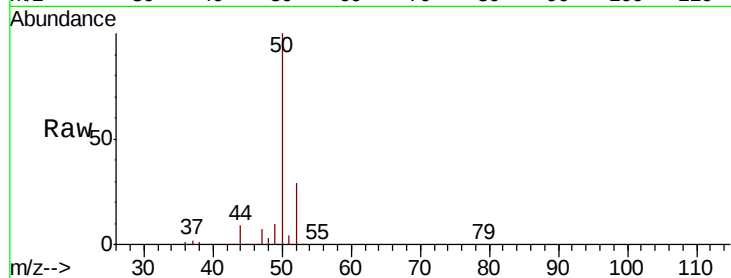
52 29.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.452 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005046.D

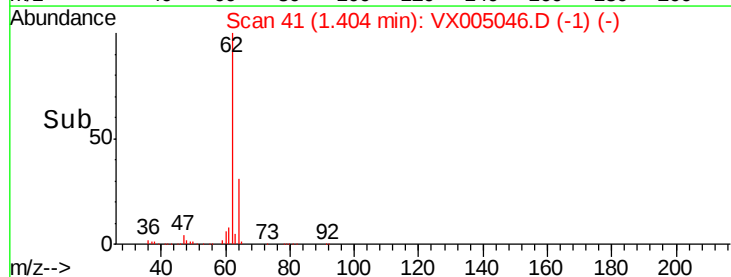
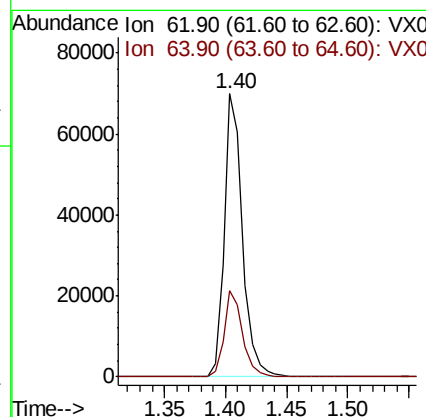
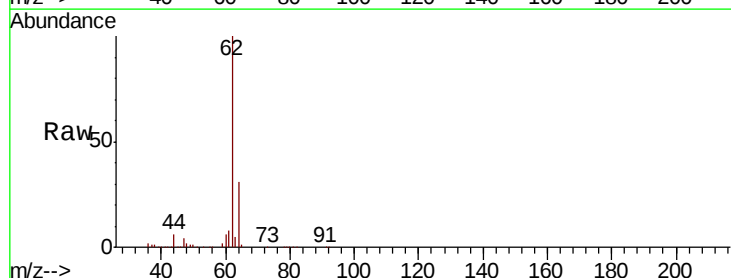
Acq: 05 Oct 2018 04:30

Tgt Ion: 62 Resp: 72707

Ion Ratio Lower Upper

62 100

64 30.6 25.5 38.3





#5

Bromomethane

Concen: 22.619 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 94 Resp: 43436

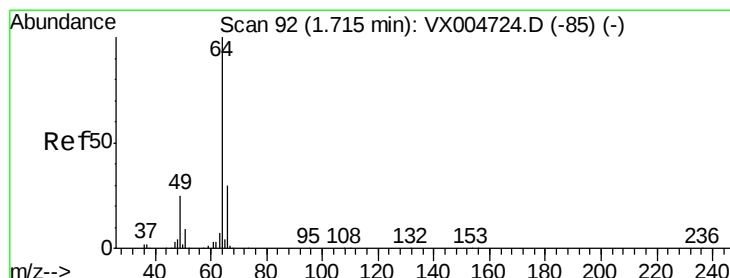
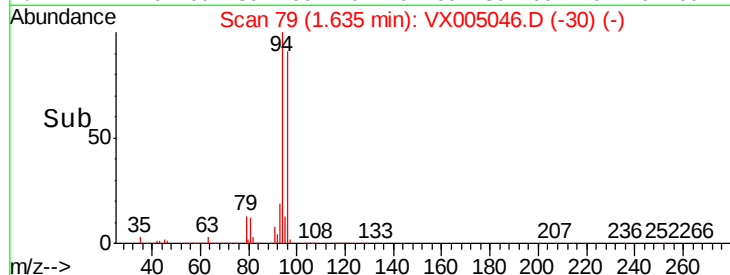
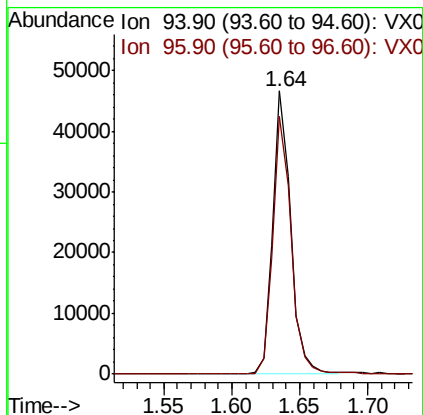
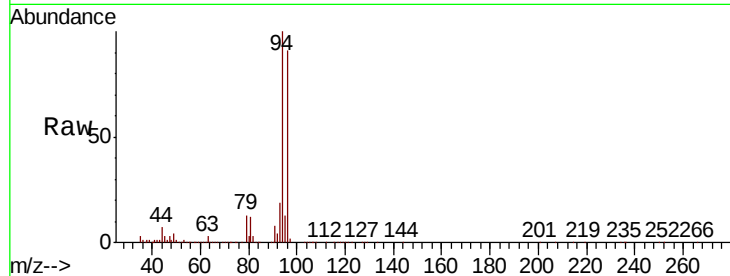
Ion Ratio Lower Upper

94 100

96 91.1 79.5 119.3

Manual Integrations
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#6

Chloroethane

Concen: 22.550 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005046.D

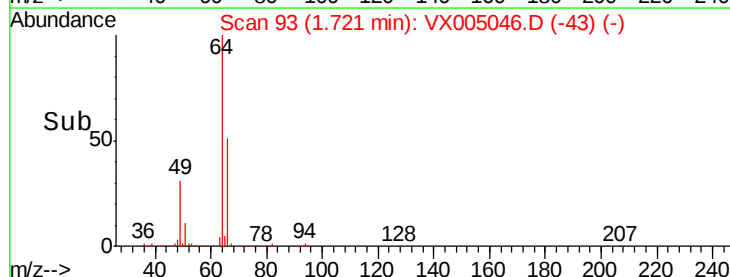
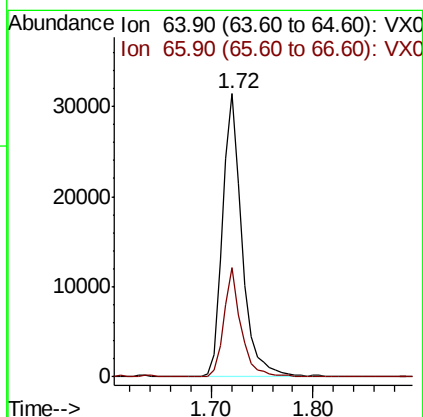
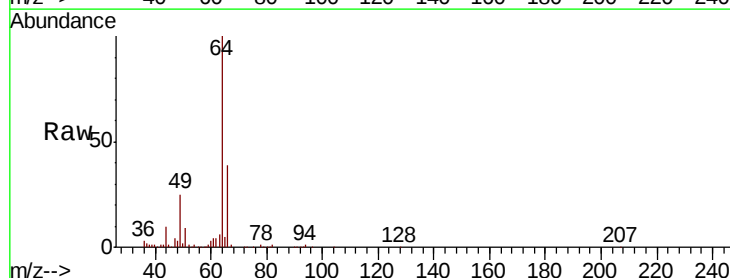
Acq: 05 Oct 2018 04:30

Tgt Ion: 64 Resp: 42051

Ion Ratio Lower Upper

64 100

66 38.6 23.8 35.6#





#7

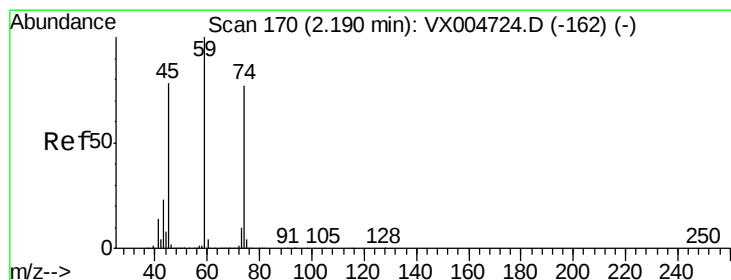
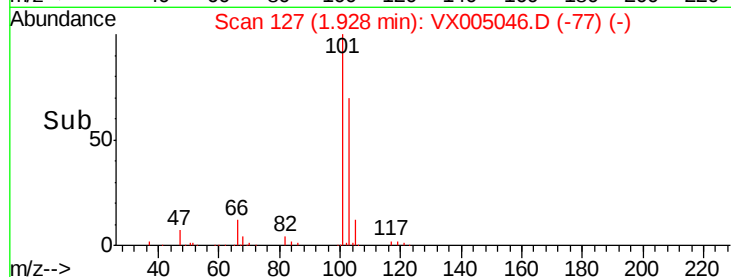
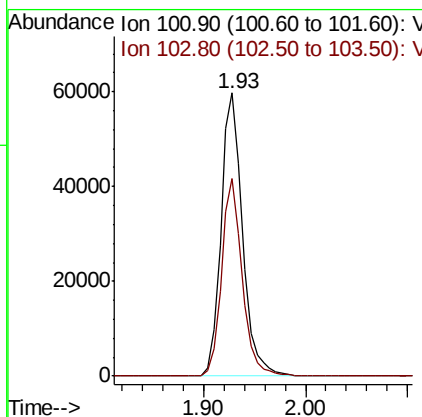
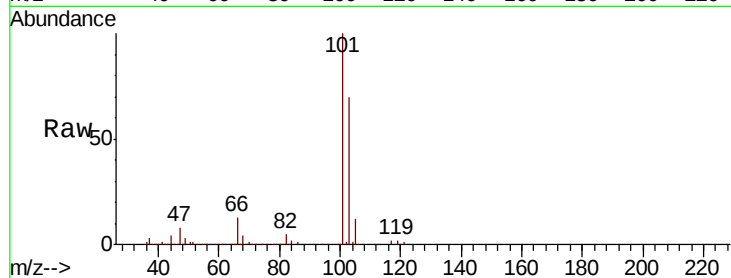
Trichlorofluoromethane
Concen: 21.821 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.8	48.4	72.6

Manual Integrations
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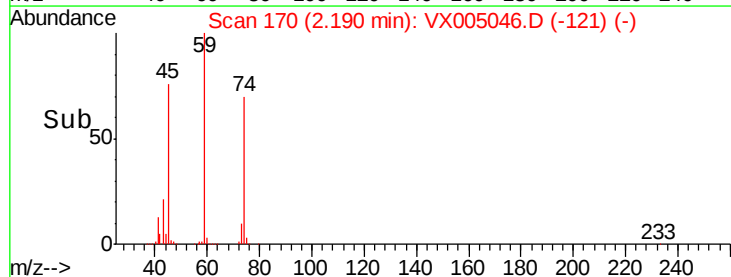
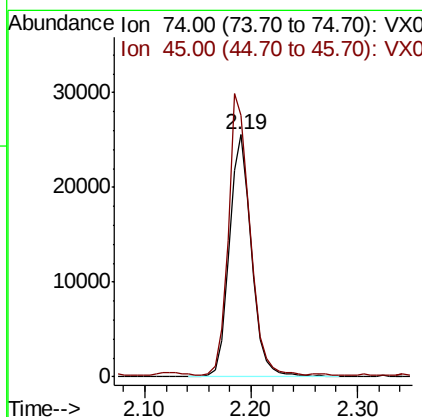
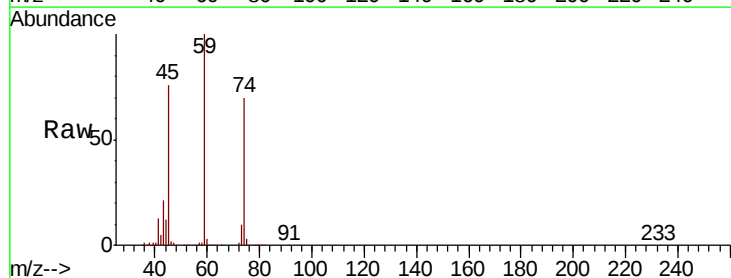
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#8

Diethyl Ether
Concen: 21.453 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.6	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.550 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

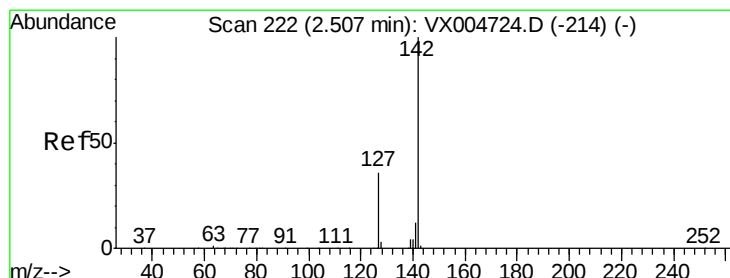
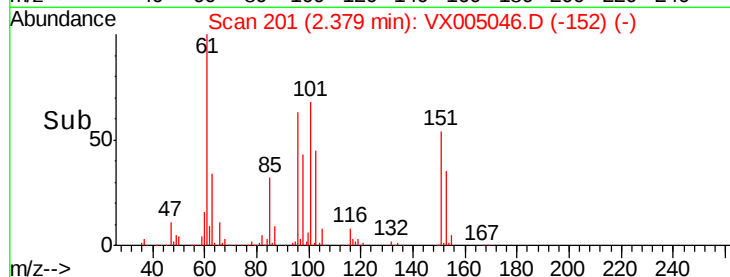
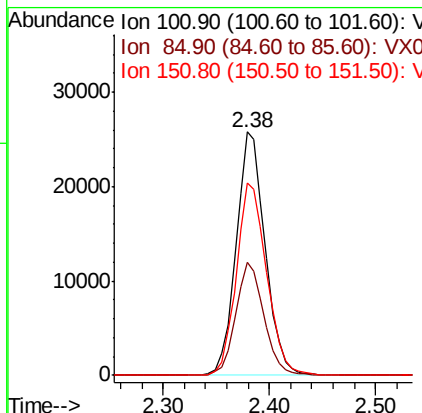
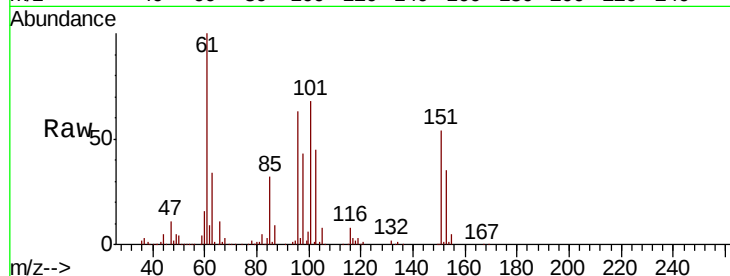
ClientSampleId :

VX1004WBSD04

Tot Ion:	101	Resp:	49213
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.9	53.9
151	82.8	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 16.015 ug/l

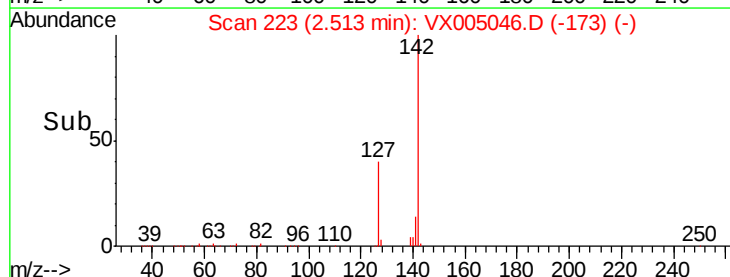
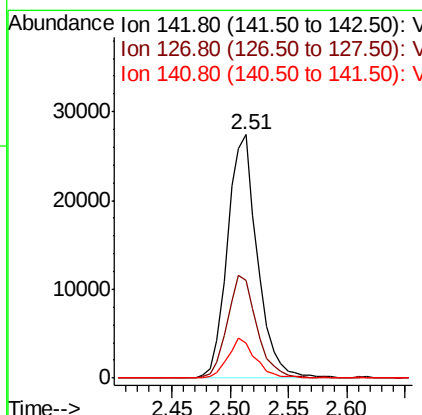
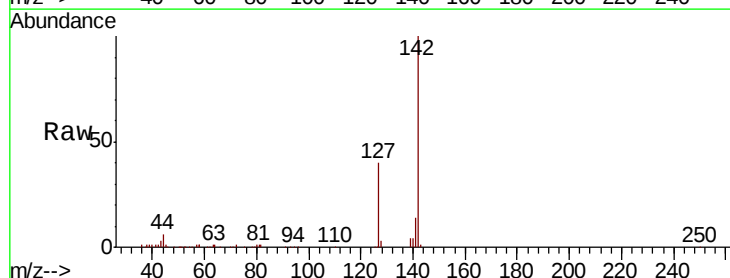
RT: 2.51 min Scan# 223

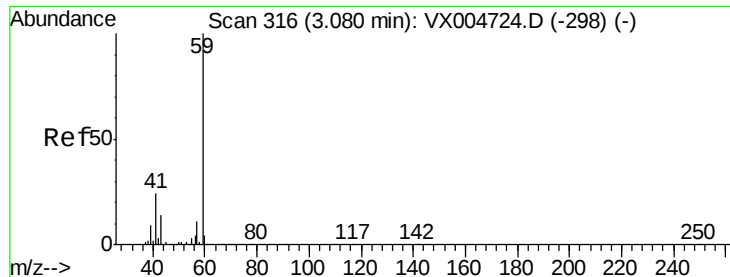
Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion:	142	Resp:	48939
Ion Ratio	Lower	Upper	
142	100		
127	41.7	30.1	45.1
141	15.0	10.1	15.1





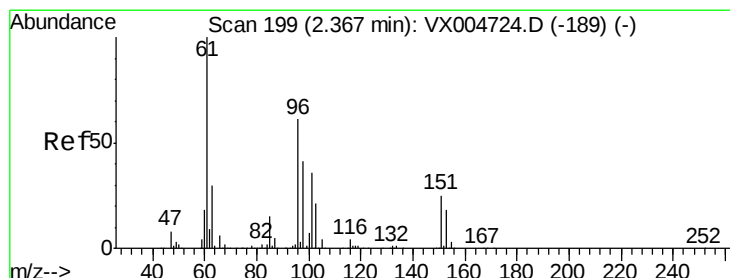
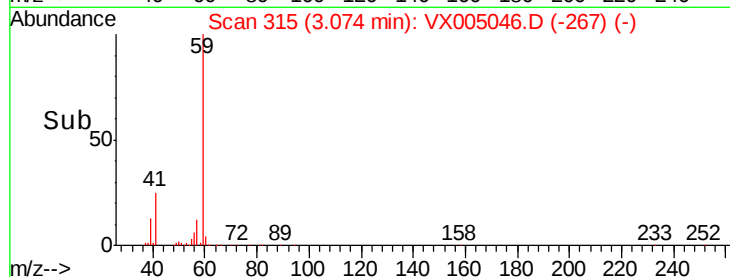
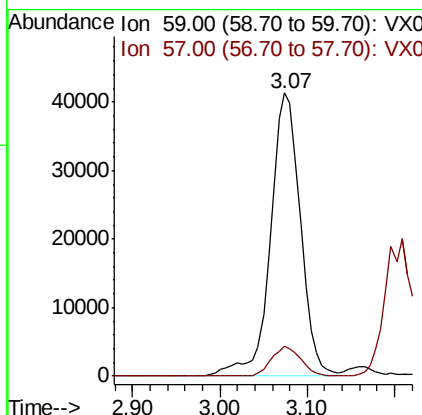
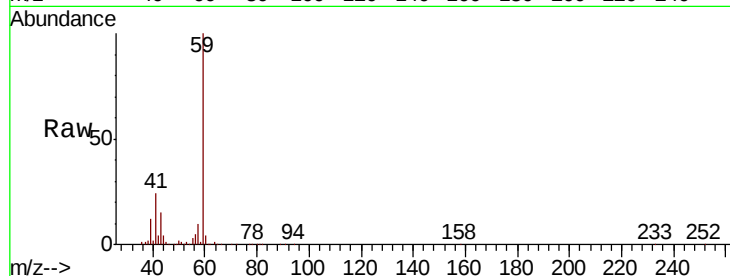
#11
Tert butyl alcohol
Concen: 118.918 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion: 59 Resp: 99140
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

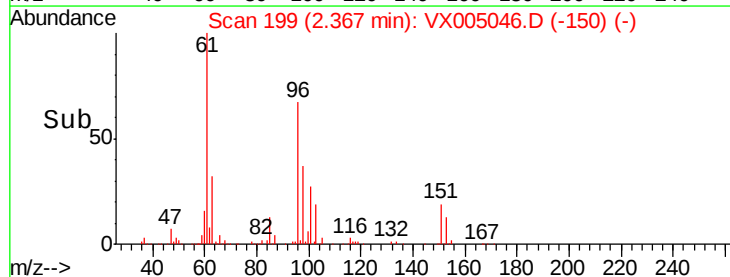
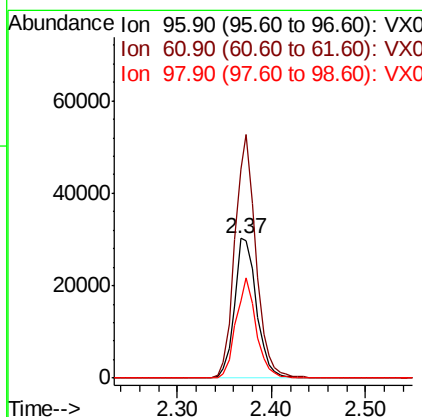
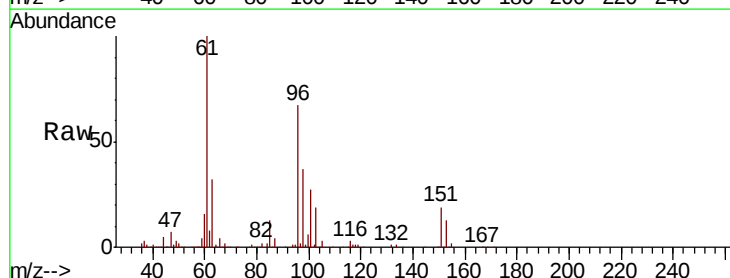
Manual Integrations
APPROVED

MMDadoda
10/5/2018 6:15:40 PM



#12
1,1-Dichloroethene
Concen: 21.794 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 96 Resp: 49289
Ion Ratio Lower Upper
96 100
61 150.1 130.2 195.4
98 54.9 53.4 80.0





#13

Acrolein

Concen: 27.478 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 56 Resp: 16299

Ion Ratio Lower Upper

56 100

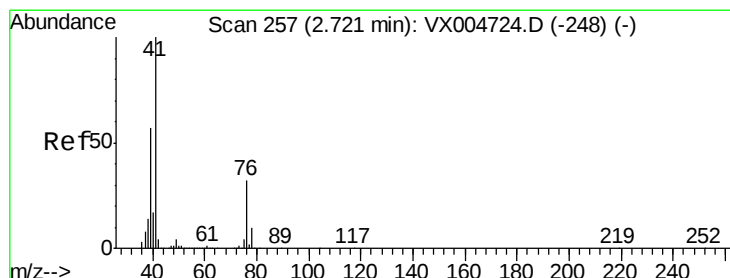
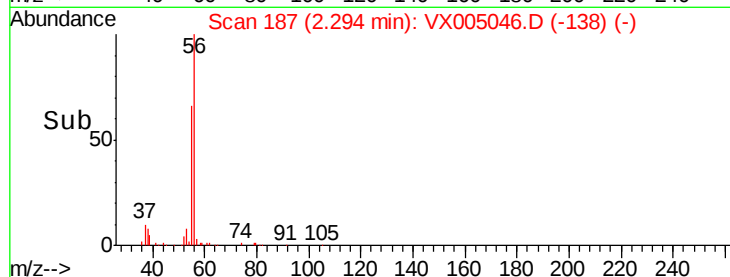
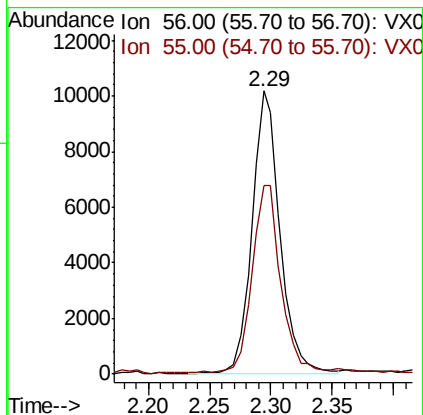
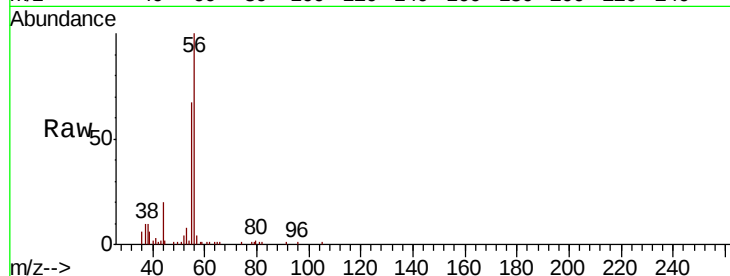
55 67.2 63.4 95.2

Manual Integrations

APPROVED

MMDadoda

10/5/2018 6:15:40 PM



#14

Allyl chloride

Concen: 21.439 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

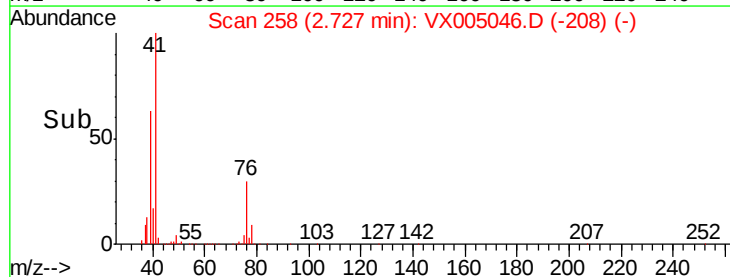
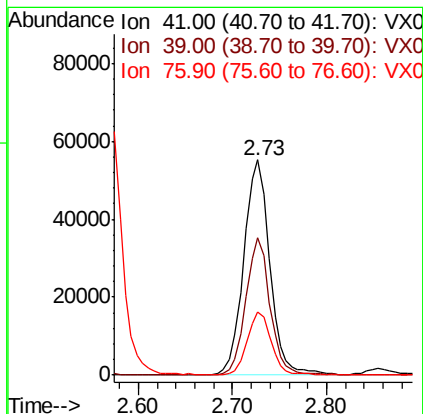
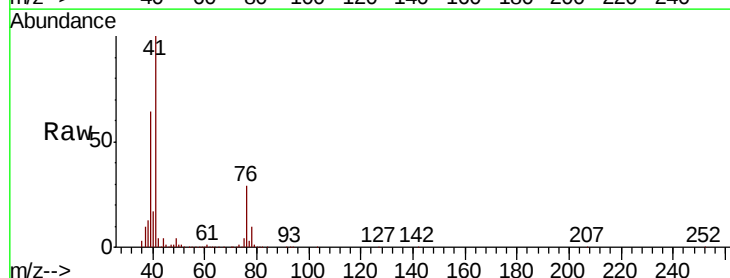
Tgt Ion: 41 Resp: 105791

Ion Ratio Lower Upper

41 100

39 58.4 44.1 66.1

76 27.6 25.0 37.4





#15

Acrylonitrile

Concen: 116.865 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

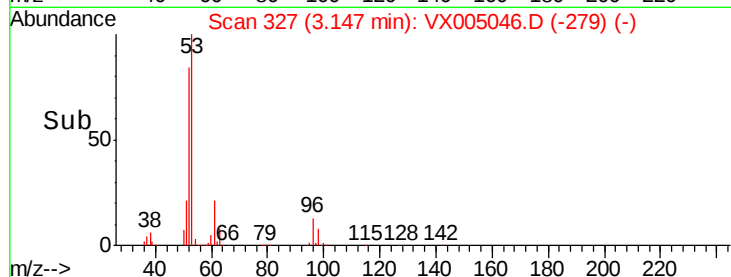
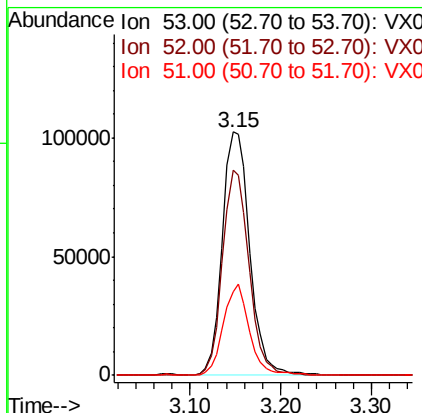
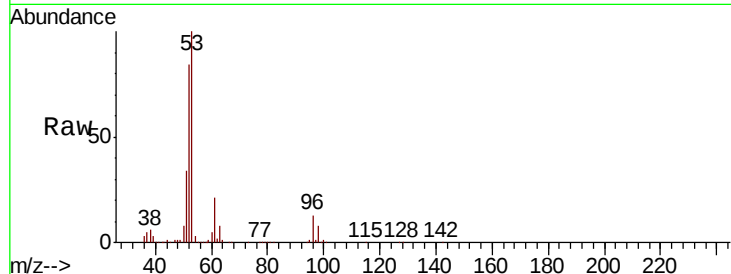
ClientSampleId :

VX1004WBSD04

Tot Ion:	53	Resp:	214478
Ion Ratio	Lower	Upper	
53	100		
52	82.0	63.0	94.4
51	35.6	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 110.273 ug/l

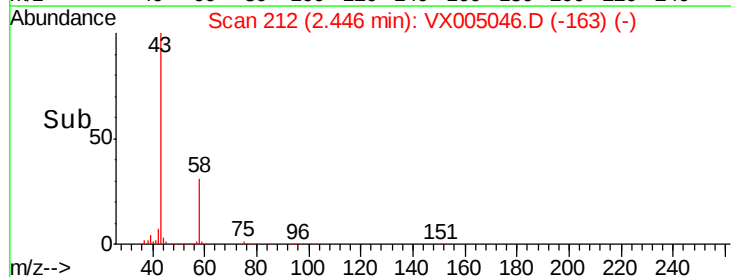
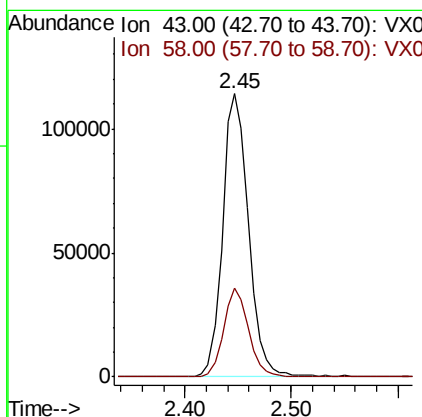
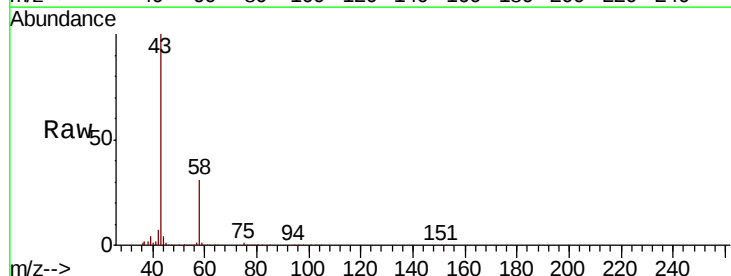
RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion:	43	Resp:	191955
Ion Ratio	Lower	Upper	
43	100		
58	31.5	21.8	32.6





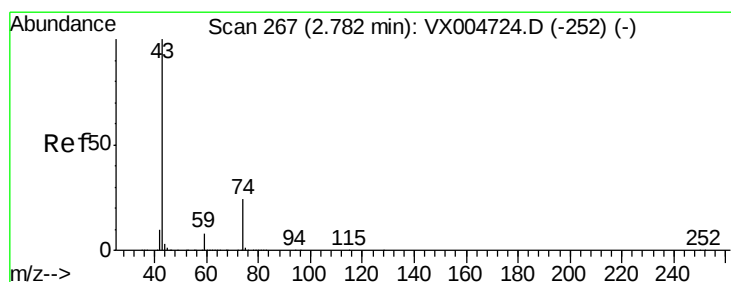
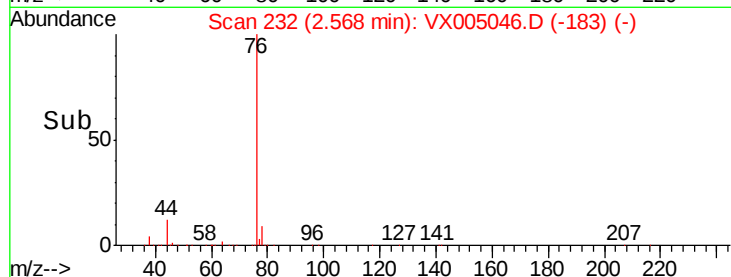
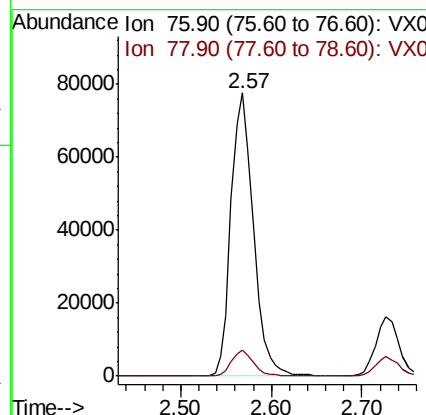
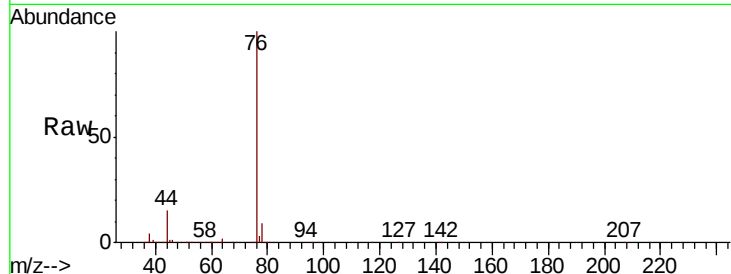
#17
Carbon Disulfide
Concen: 19.610 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

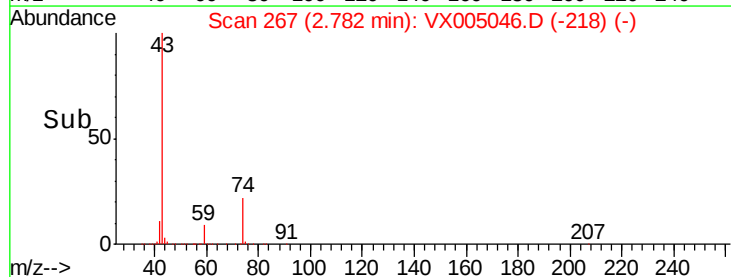
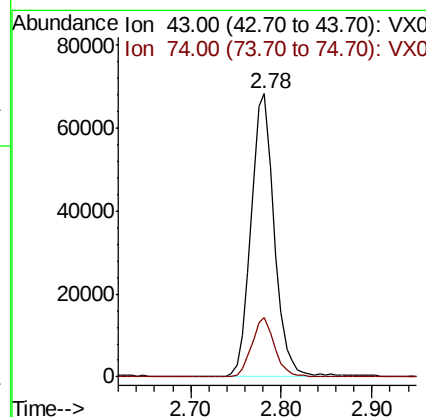
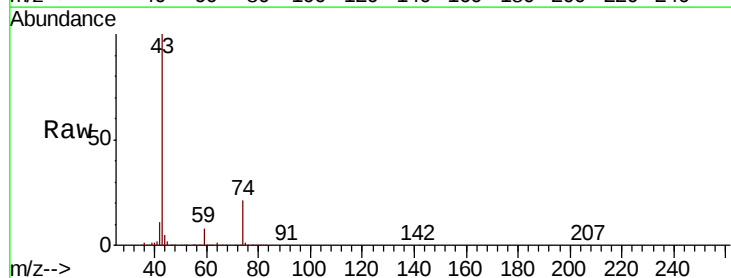
Manual Integrations
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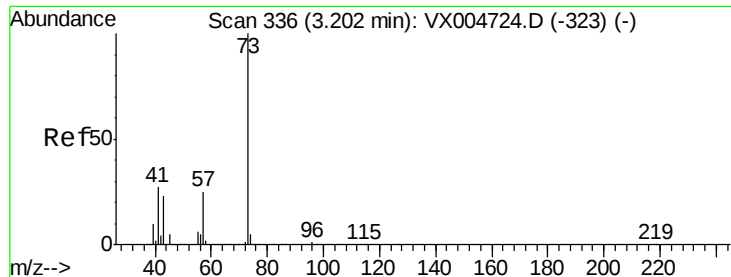
MMDadoda
10/5/2018 6:15:40 PM



#18
Methyl Acetate
Concen: 27.356 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	17.8	26.8





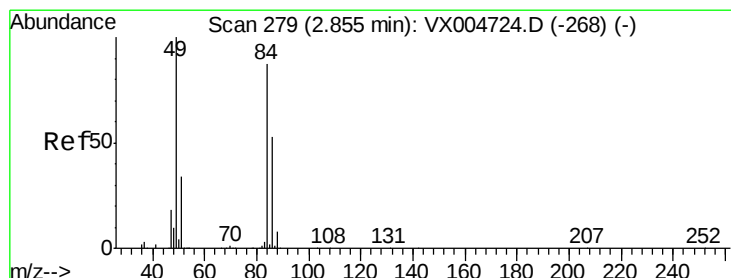
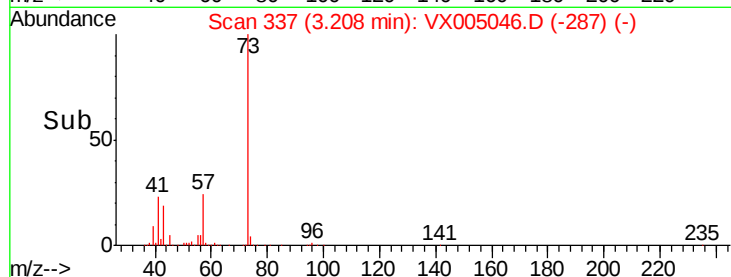
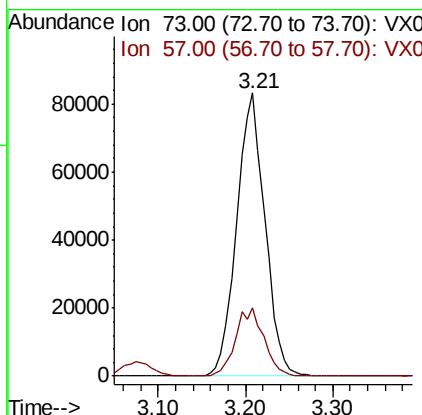
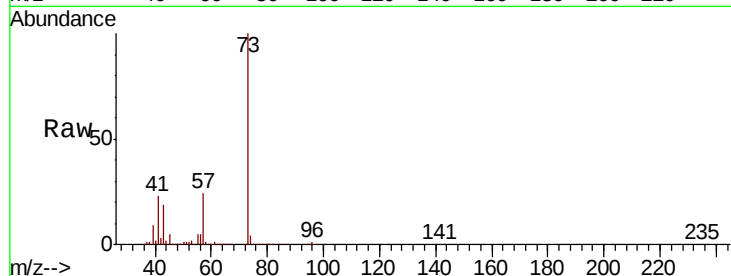
#19
Methvl tert-butvl Ether
Concen: 24.037 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion: 73 Resp: 187515
Ion Ratio Lower Upper
73 100
57 24.1 19.9 29.9

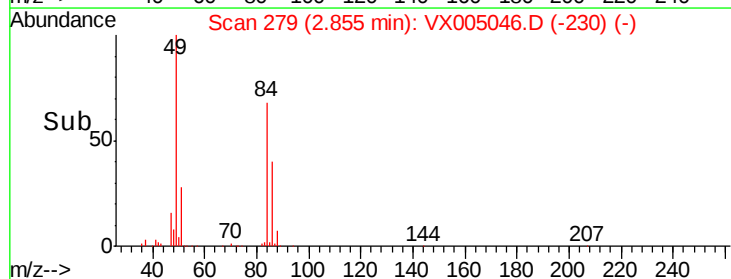
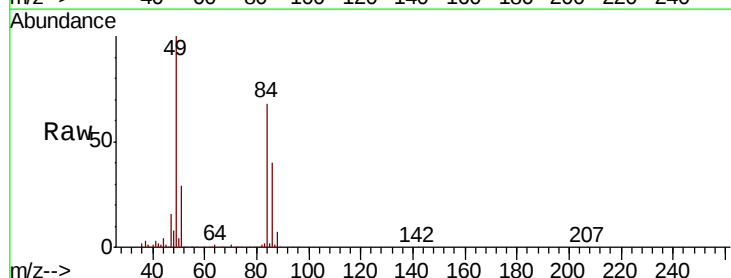
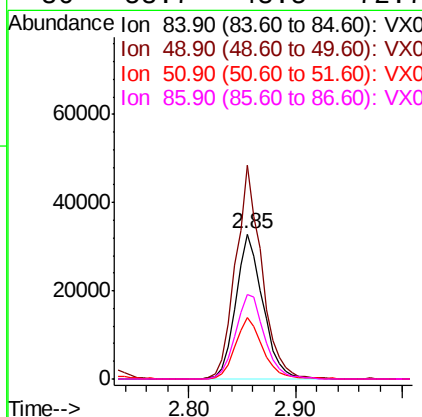
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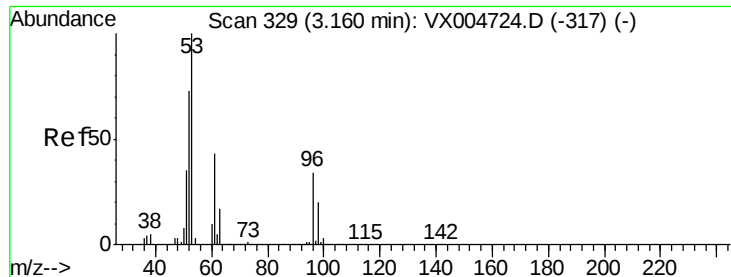
MMDadoda
10/5/2018 6:15:40 PM



#20
Methylene Chloride
Concen: 22.744 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 84 Resp: 58722
Ion Ratio Lower Upper
84 100
49 147.2 92.3 138.5#
51 41.9 31.8 47.6
86 58.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 21.147 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

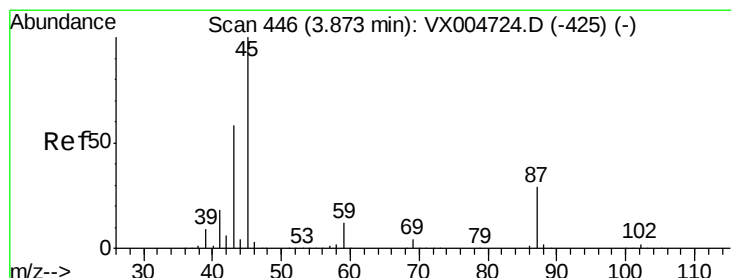
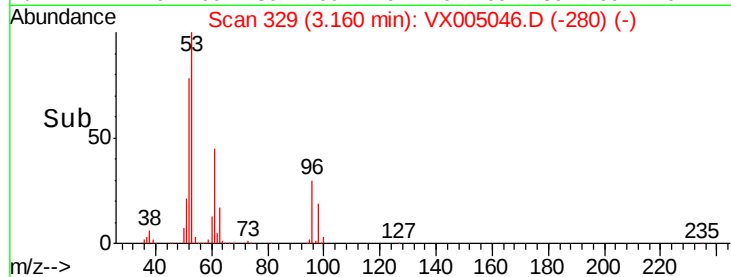
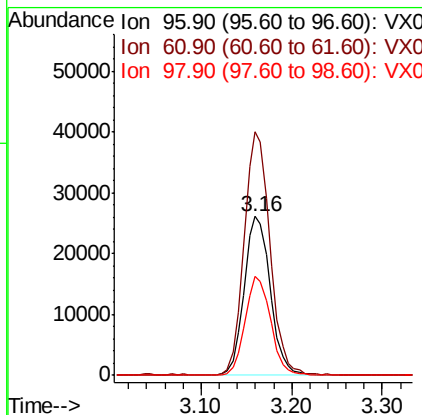
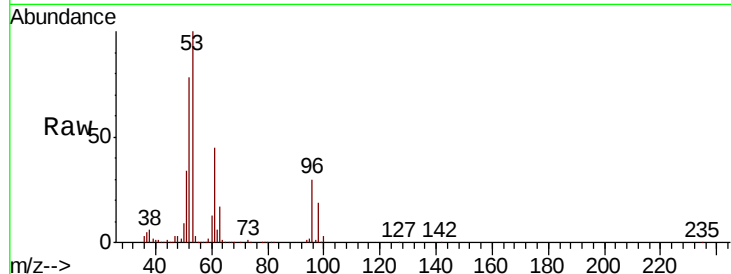
ClientSampleId :

VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.5	101.0	151.6#
98	62.6	47.2	70.8

Manual Integrations
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10/5/2018 6:15:40 PM



#22

Diisopropyl ether

Concen: 23.298 ug/l

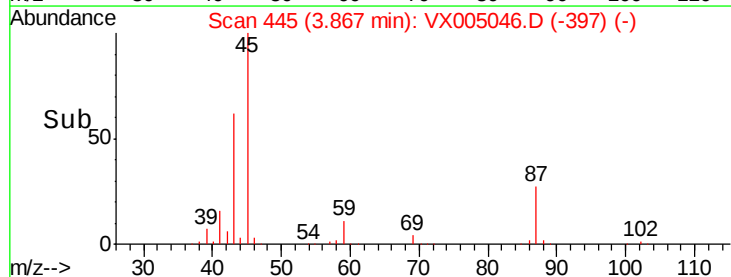
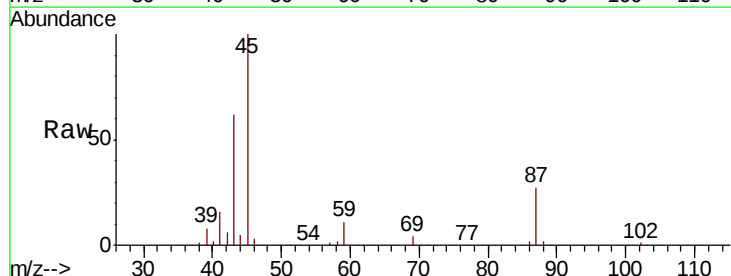
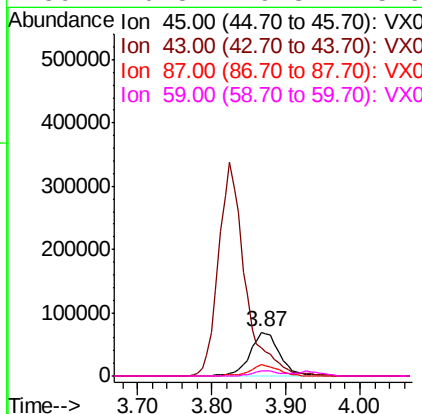
RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.2	46.7	70.1
87	26.8	22.9	34.3
59	10.8	9.3	13.9





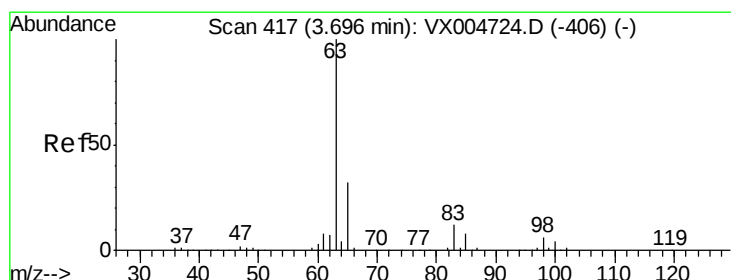
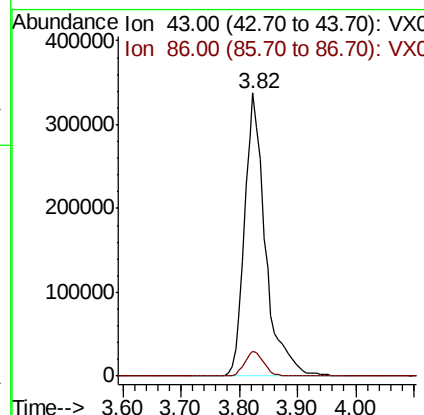
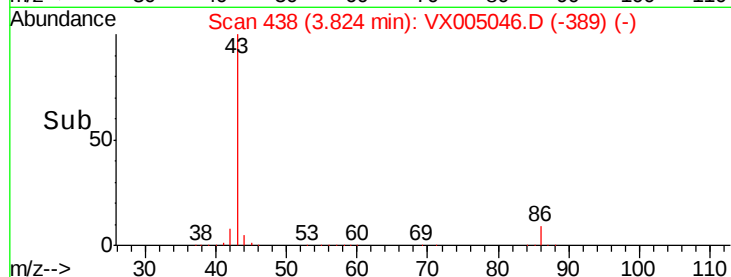
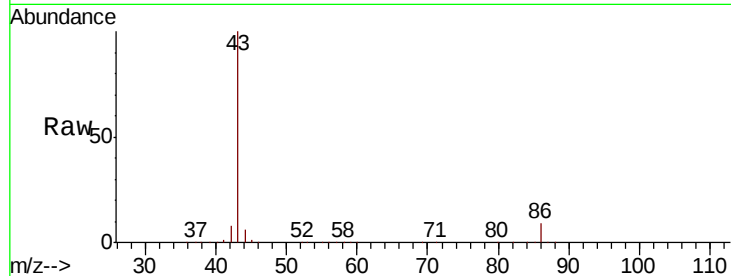
#23
 Vinyl Acetate
 Concen: 110.304 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion	43	86	Resp	Lower	Upper
43	100				
86	8.7		8.1	12.1	

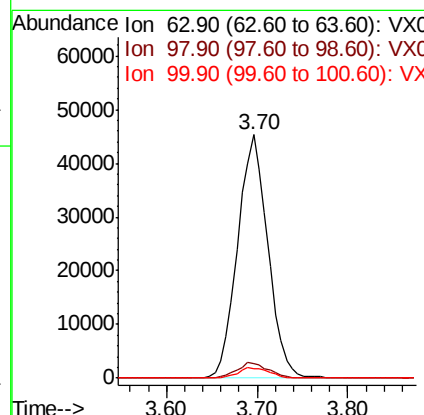
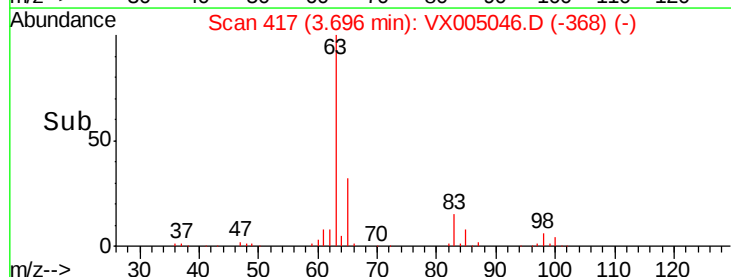
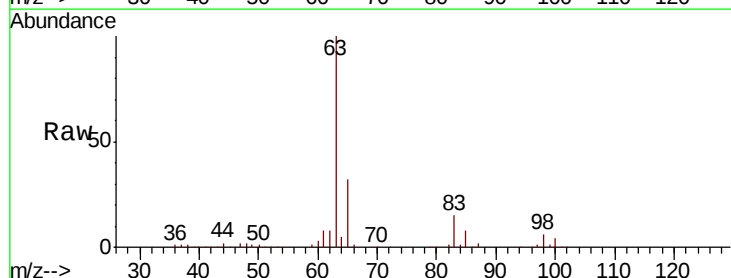
Manual Integrations
 APPROVED

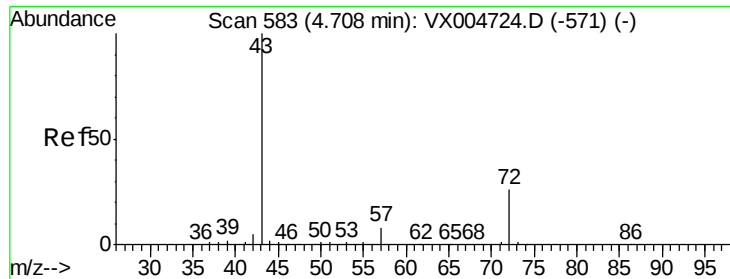
MMDadoda
 10/5/2018 6:15:40 PM



#24
 1,1-Dichloroethane
 Concen: 21.184 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion	63	98	100	Resp	Lower	Upper
63	100					
98	6.2			3.0	9.2	
100	4.1			2.0	5.8	





#25

2-Butanone

Concen: 110.620 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 43 Resp: 283836

Ion Ratio Lower Upper

43 100

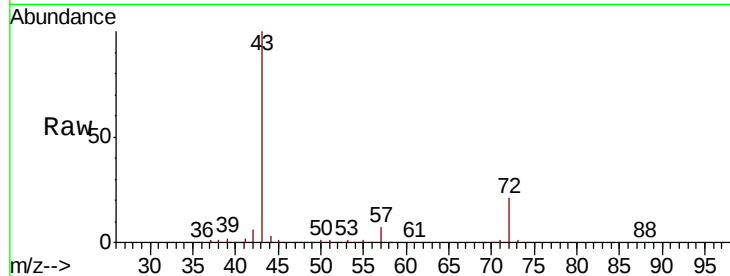
72 21.4 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

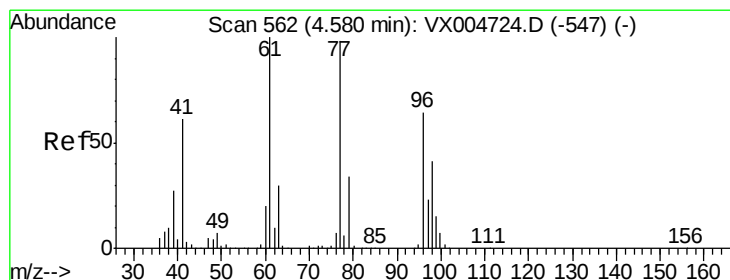
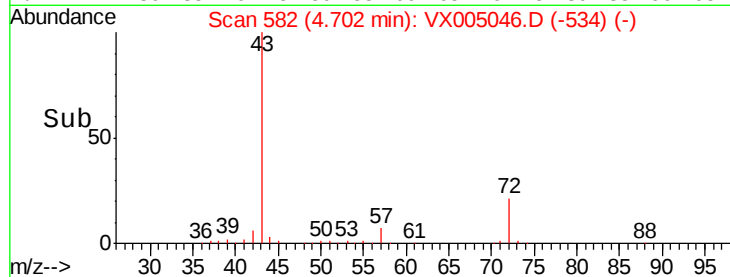
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 13.872 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX005046.D

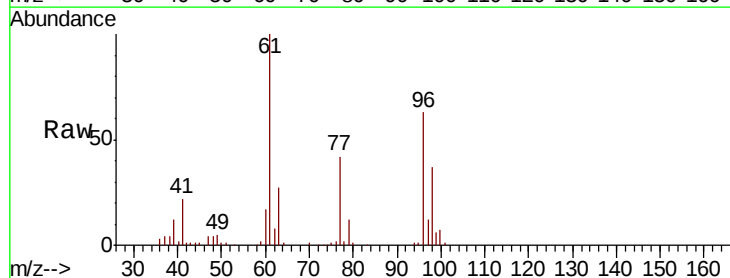
Acq: 05 Oct 2018 04:30

Tgt Ion: 77 Resp: 47880

Ion Ratio Lower Upper

77 100

97 25.4 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

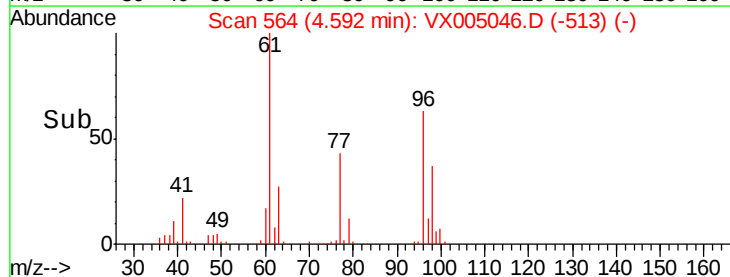
10000

5000

0

4.40 4.50 4.60 4.70

Time-->





#27

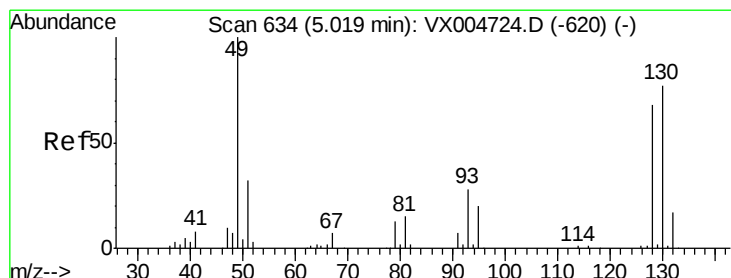
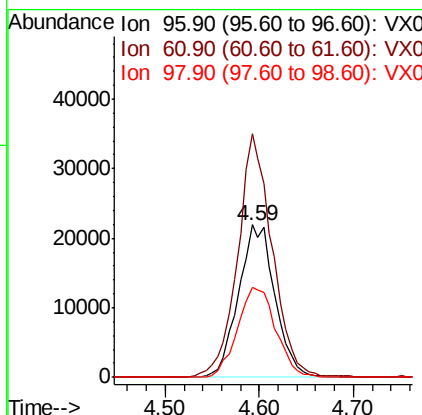
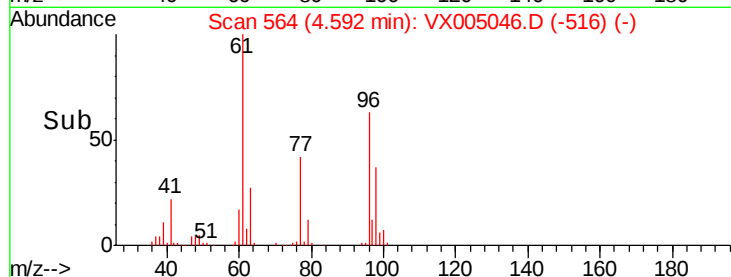
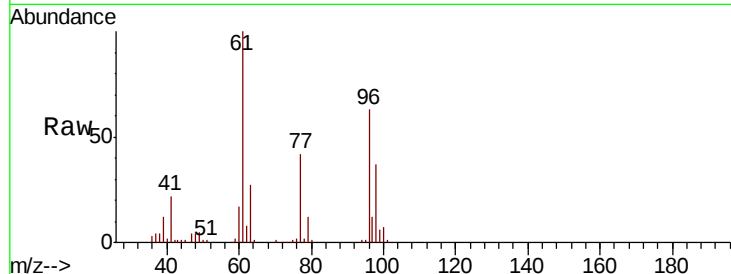
cis-1,2-Dichloroethene
Concen: 21.542 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
96	100	59579		
61	149.4		0.0	285.8
98	61.8		0.0	136.2

Manual Integrations
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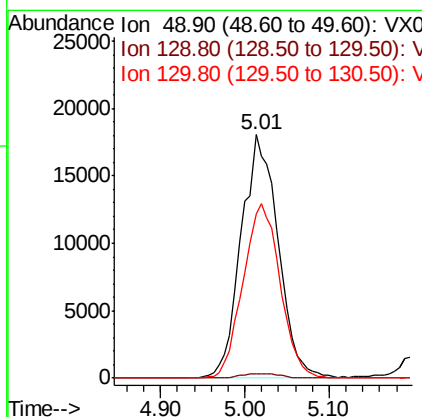
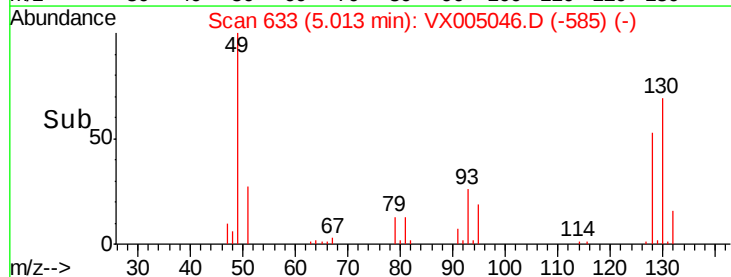
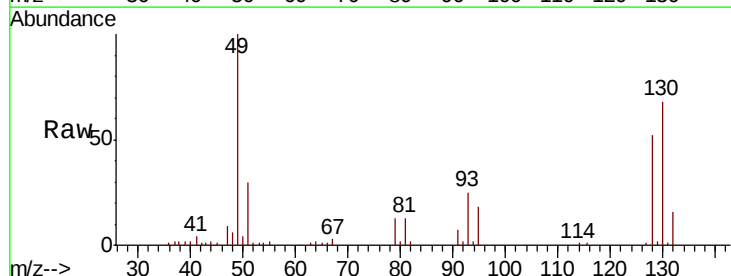
MMDadoda
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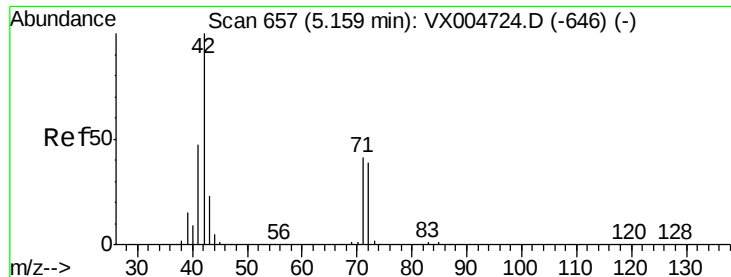


#28

Bromochloromethane
Concen: 23.010 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	53708		
129	2.0		0.0	4.2
130	71.8		62.0	93.0





#29

Tetrahydrofuran

Concen: 119.236 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

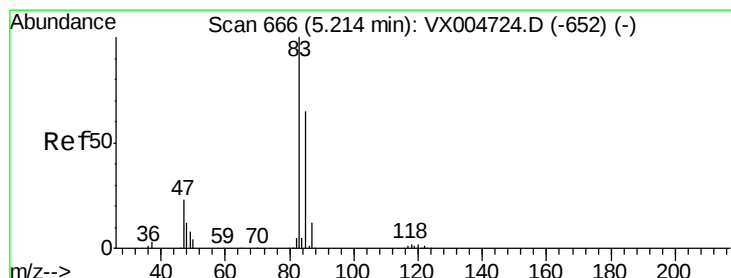
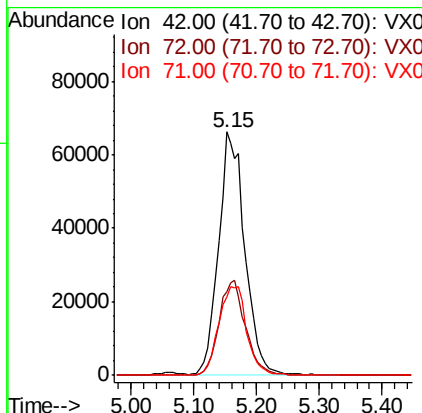
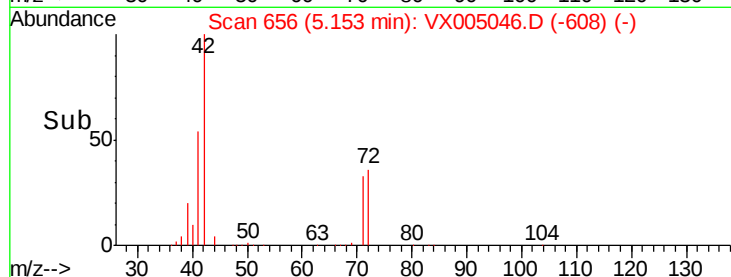
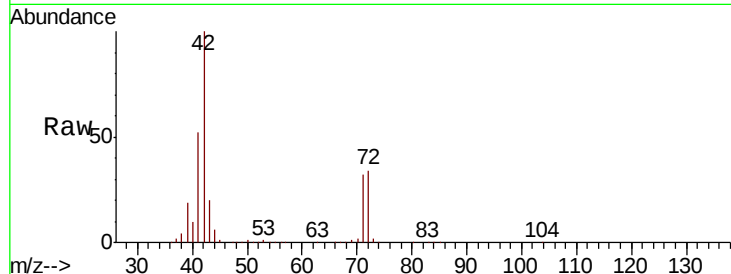
ClientSampleId :

VX1004WBSD04

Tot Ion:	42	Resp:	190156
Ion Ratio		Lower	Upper
42	100		
72	39.6	33.7	50.5
71	39.1	32.2	48.4

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#30

Chloroform

Concen: 21.897 ug/l

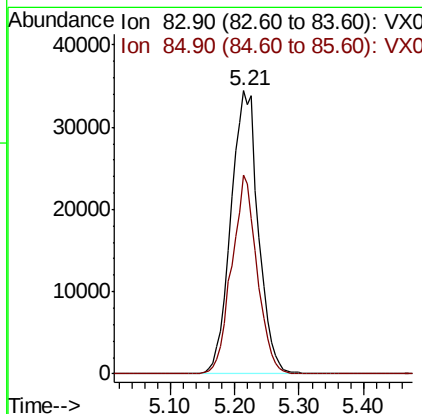
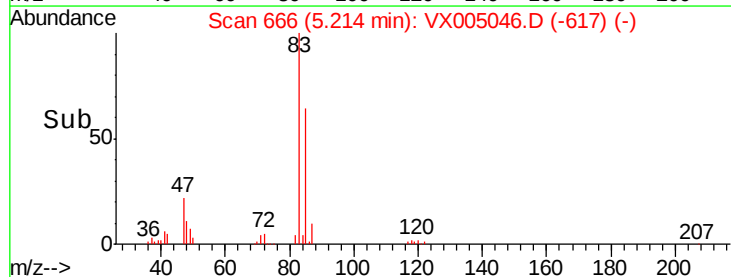
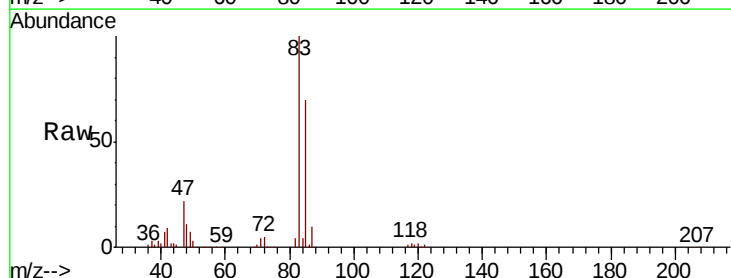
RT: 5.21 min Scan# 666

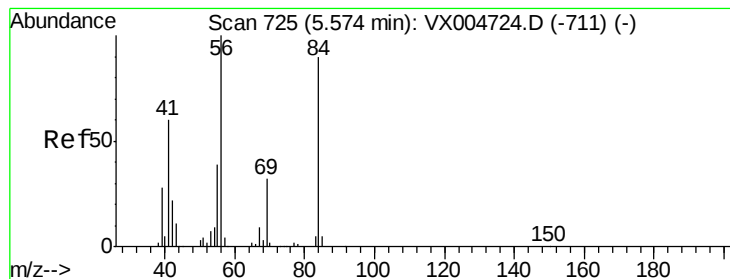
Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion:	83	Resp:	102576
Ion Ratio		Lower	Upper
83	100		
85	70.4	52.4	78.6





#31

Cyclohexane

Concen: 21.608 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 56 Resp: 81972

Ion Ratio Lower Upper

56 100

69 27.2 25.9 38.9

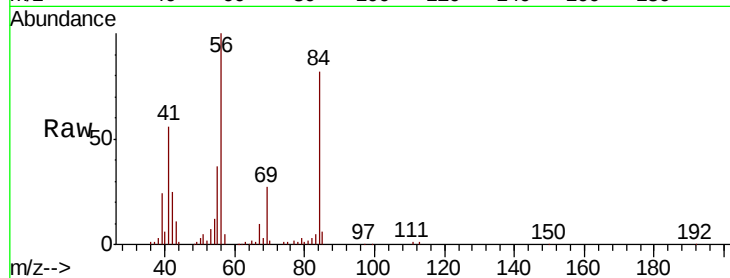
84 80.7 71.9 107.9

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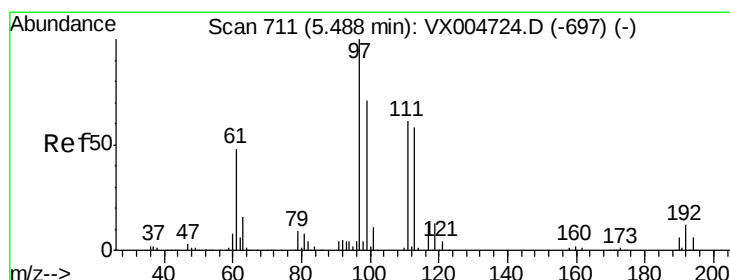
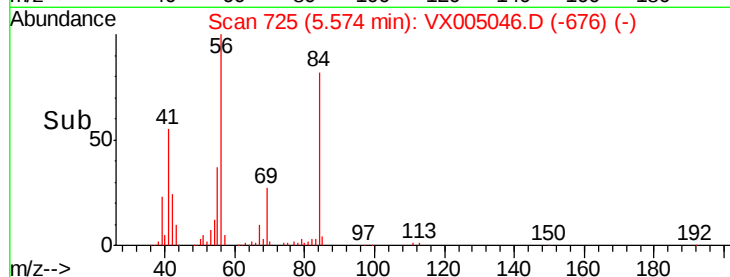
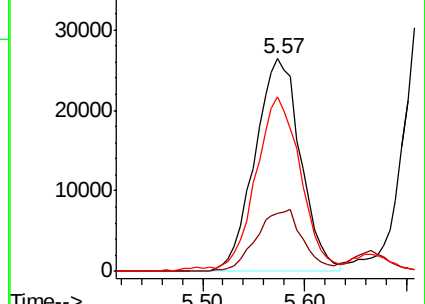
10/5/2018 6:15:40 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.787 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

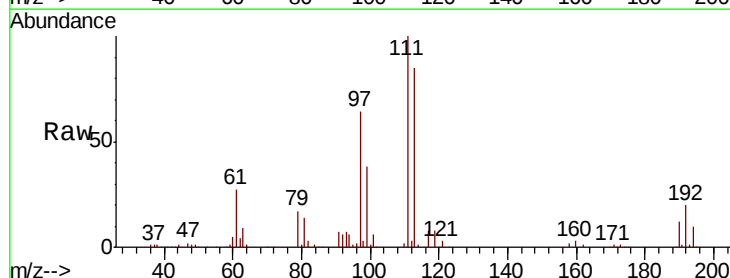
Tgt Ion: 97 Resp: 83351

Ion Ratio Lower Upper

97 100

99 64.0 54.6 82.0

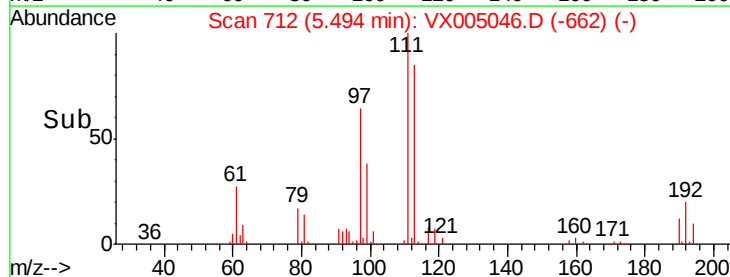
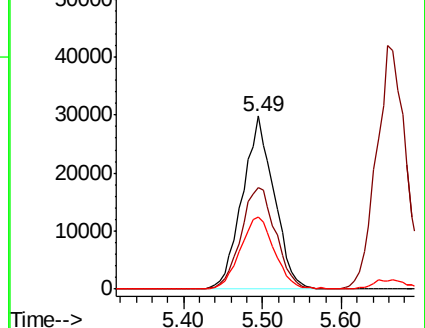
61 45.2 37.5 56.3

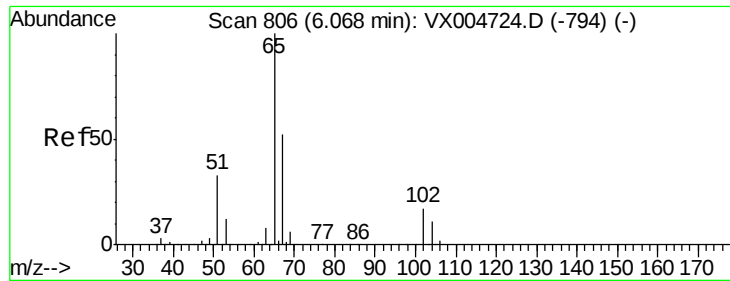


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





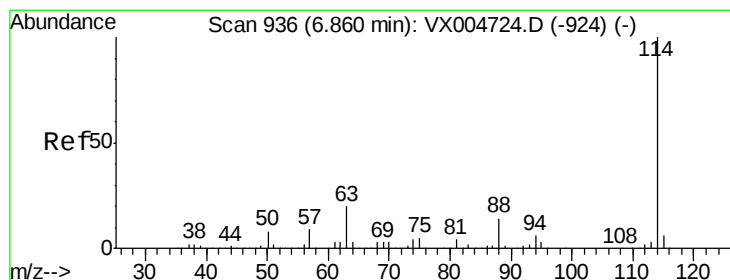
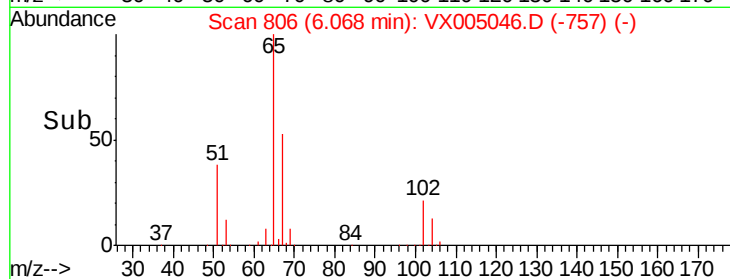
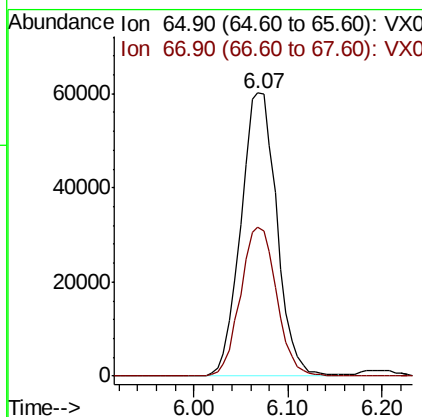
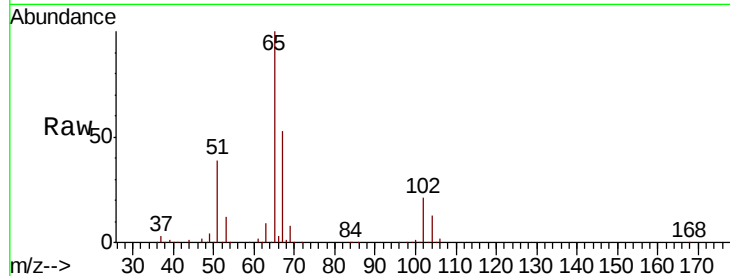
#33
 1,2-Dichloroethane-d4
 Concen: 53.652 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.4

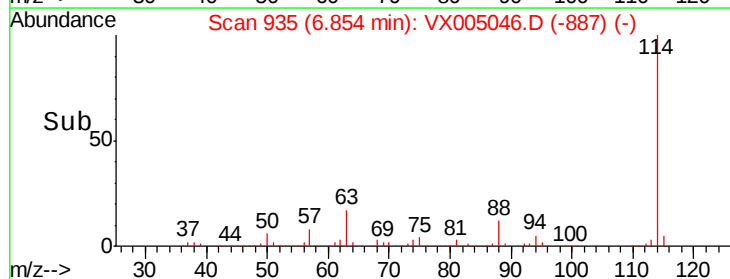
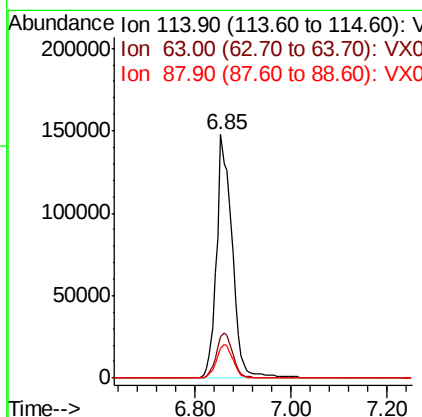
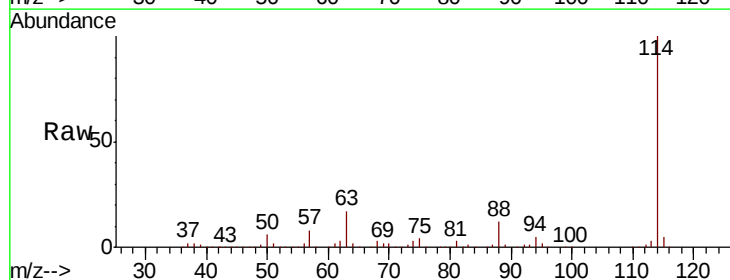
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	39.8
88	12.3	0.0	27.0





#35

Dibromofluoromethane

Concen: 44.767 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

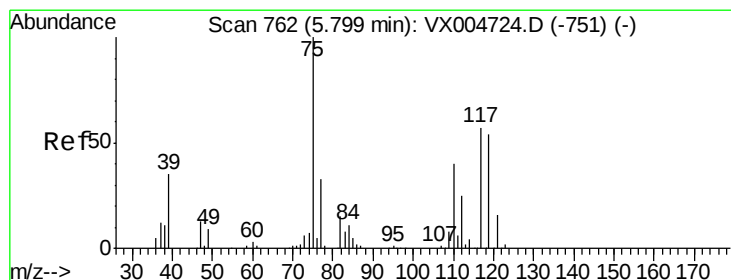
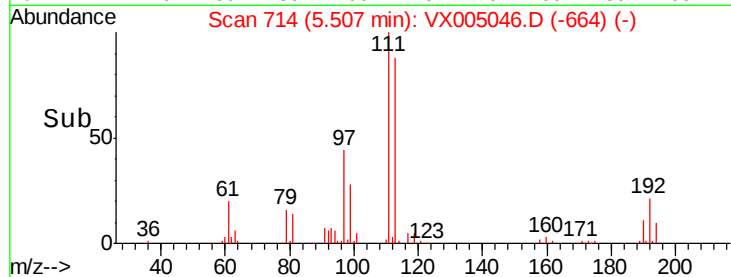
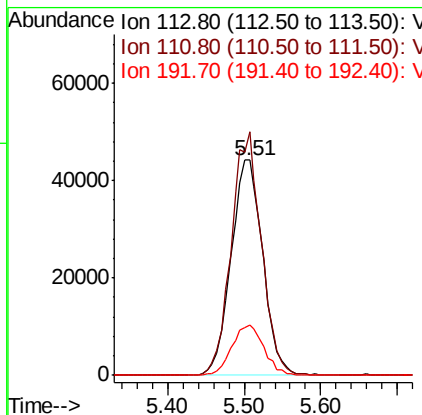
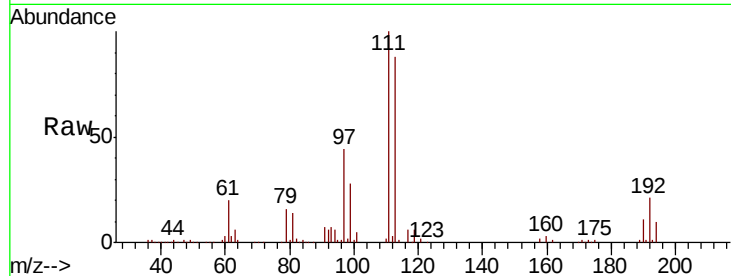
ClientSampleId :

VX1004WBSD04

Tot Ion:	113	Resp:	126898
Ion Ratio	Lower	Upper	
113	100		
111	106.9	77.0	115.4
192	23.7	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.697 ug/l

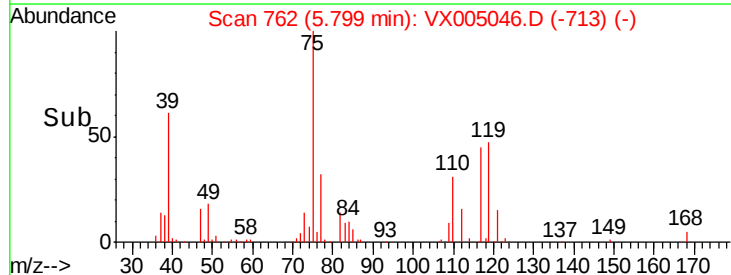
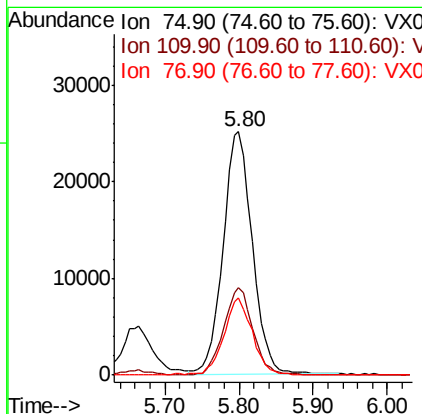
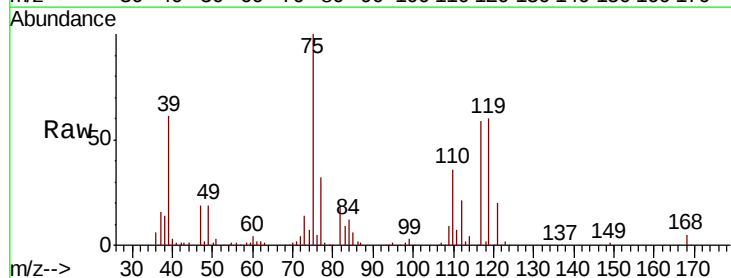
RT: 5.80 min Scan# 762

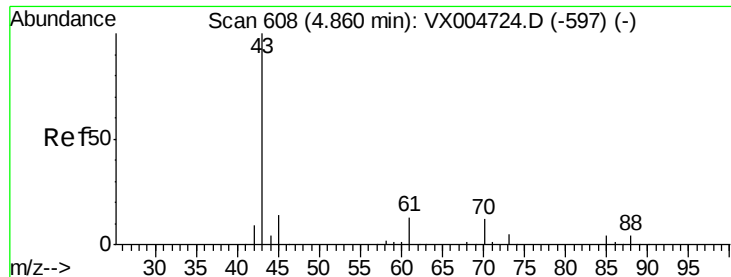
Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion:	75	Resp:	68442
Ion Ratio	Lower	Upper	
75	100		
110	36.0	20.0	59.9
77	31.5	27.1	40.7





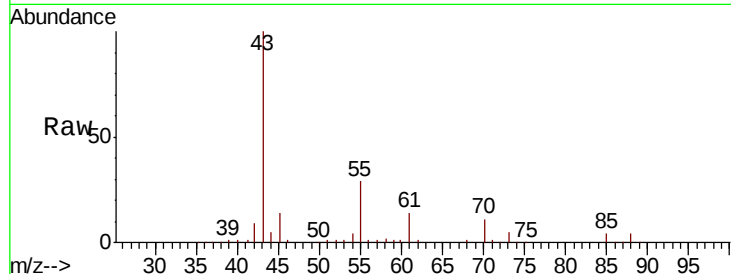
#37
Ethyl Acetate
Concen: 19.179 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampled :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	10.1	8.7	13.1

Manual Integrations
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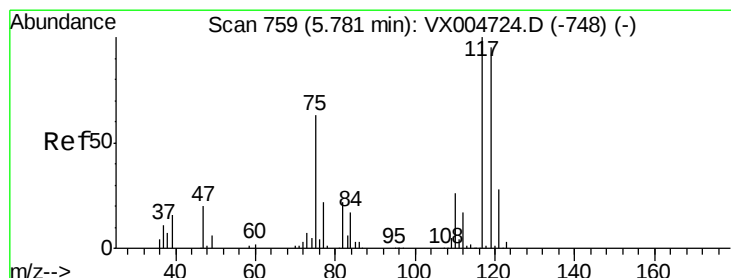
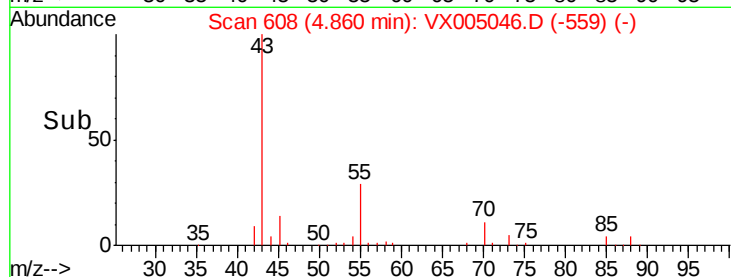
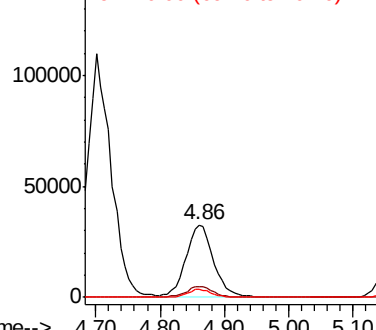


Abundance

Ion 43.00 (42.70 to 43.70): VX0

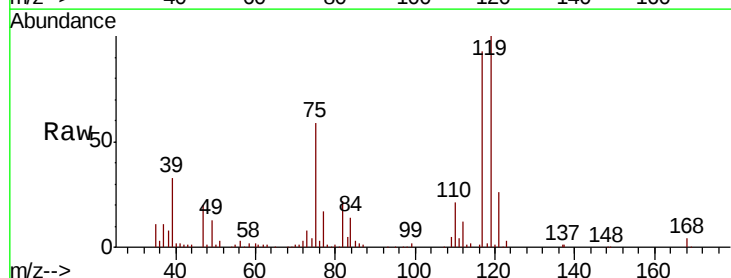
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 17.549 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	107.6	75.2	112.8
121	28.1	22.5	33.7

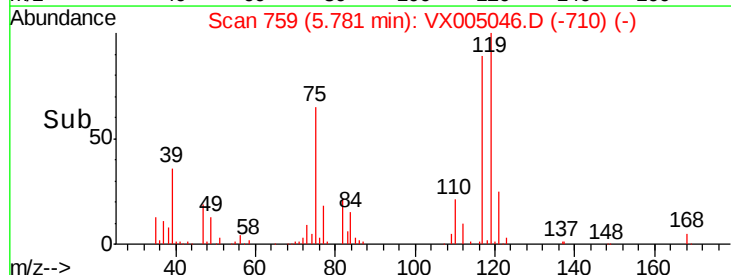
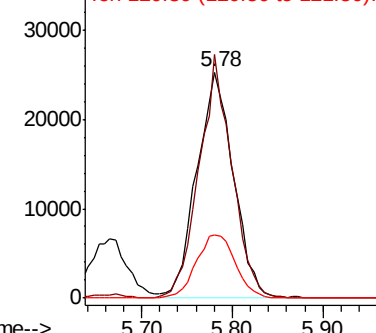


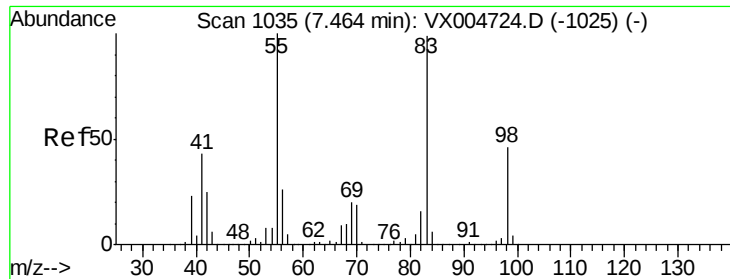
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





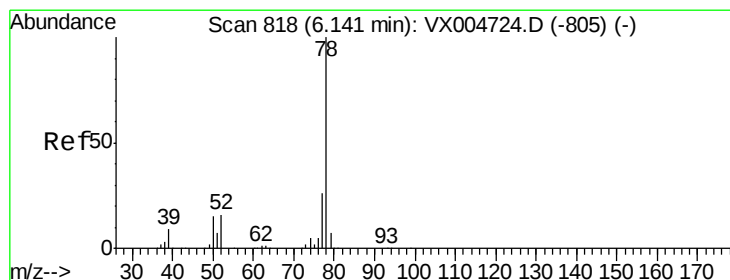
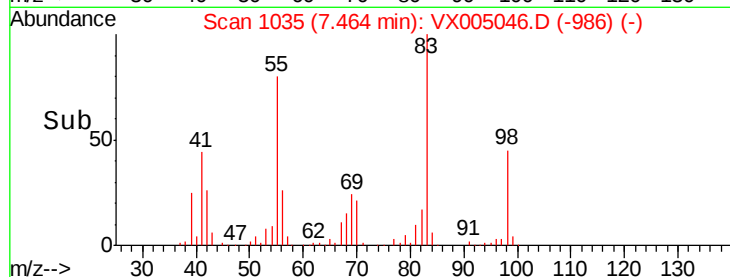
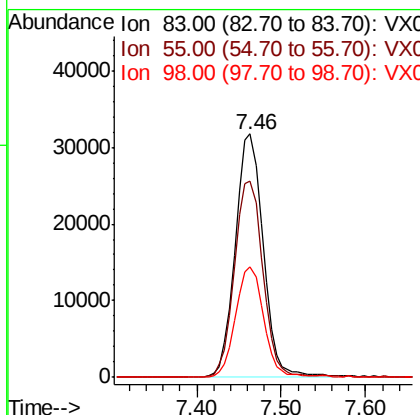
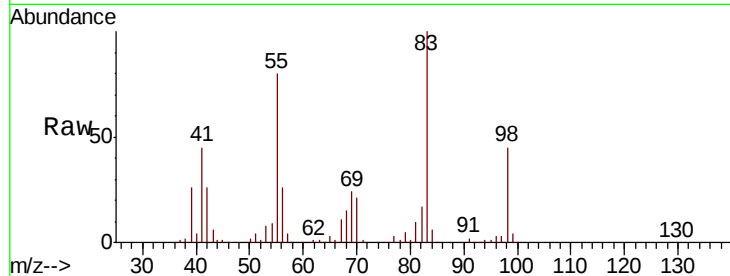
#39
Methylvlcyclohexane
Concen: 18.019 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	81.1	121.7#
98	45.3	37.3	55.9

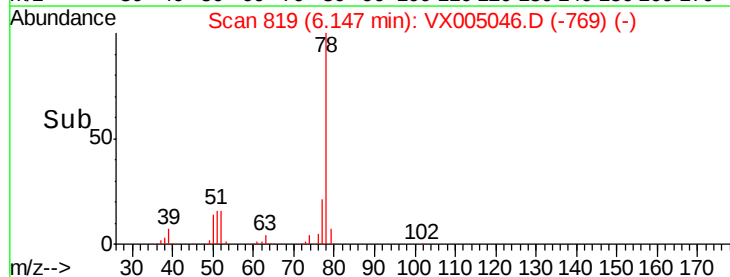
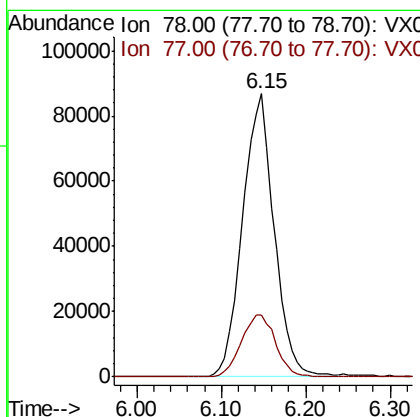
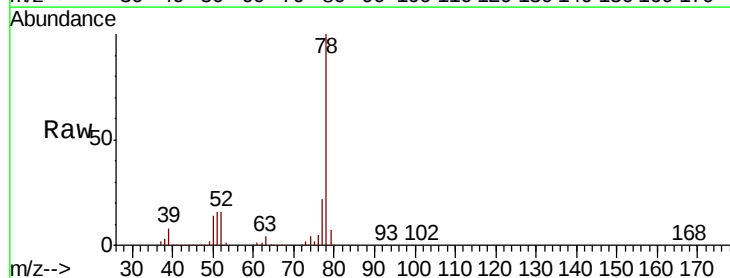
Manual Integrations
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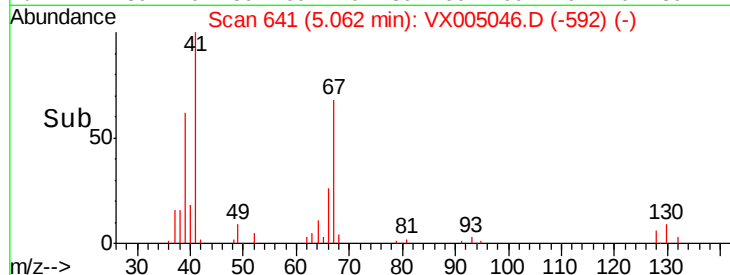
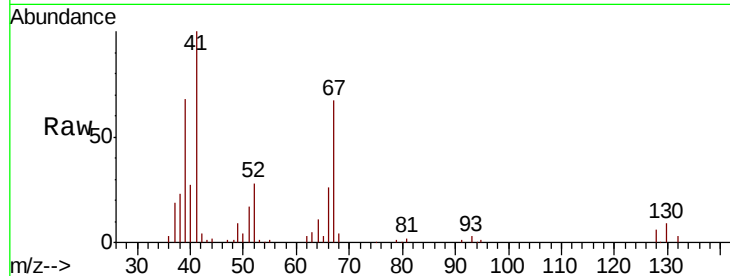
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#40
Benzene
Concen: 18.239 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	21.0	31.4





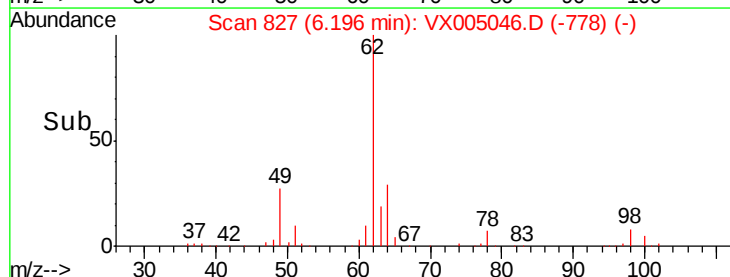
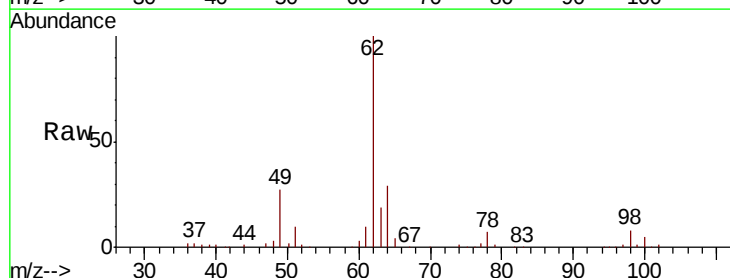
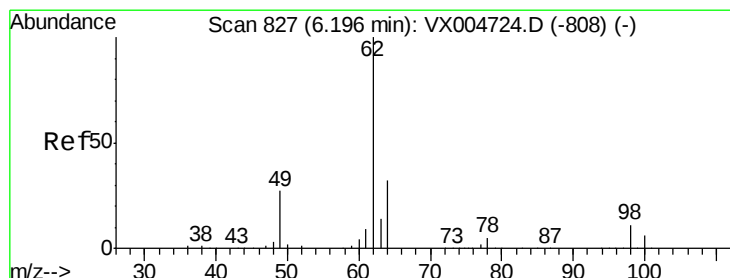
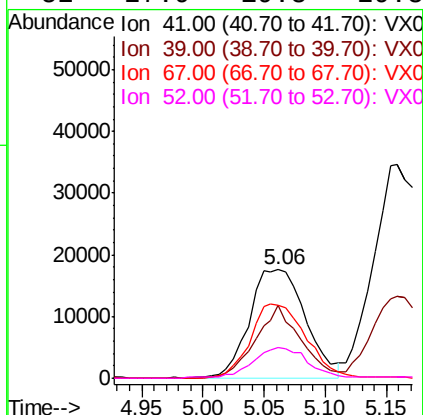
#41
Methacrylonitrile
Concen: 19.761 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		56261		
39	54.0	42.5	63.7		
67	67.8	53.0	79.6		
52	27.9	19.8	29.8		

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

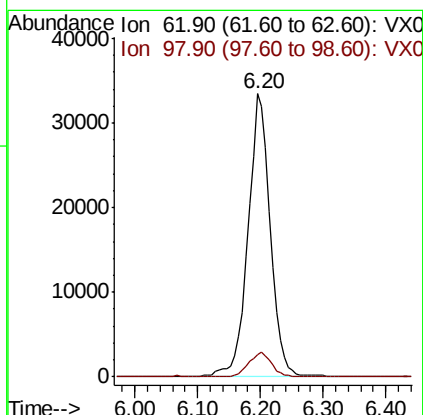
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 19.190 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		82137		
98	9.0	0.0	20.2		





#43

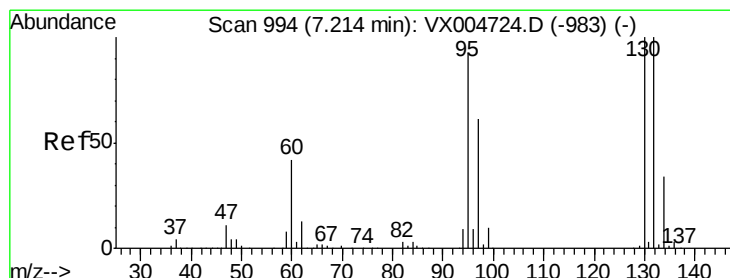
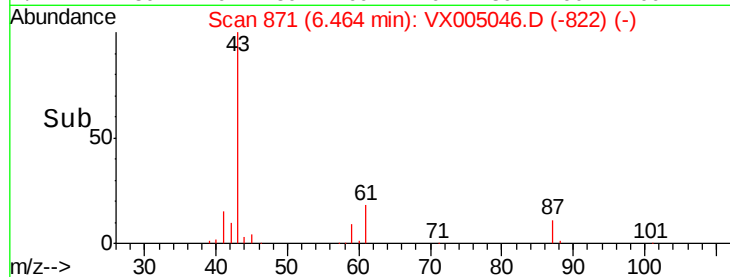
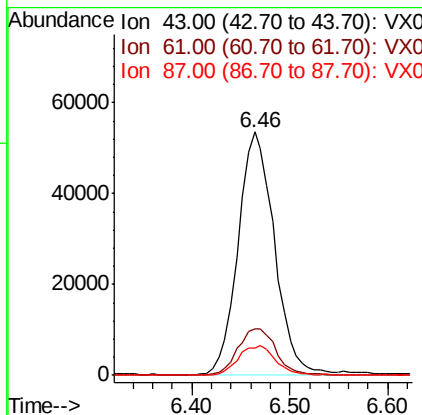
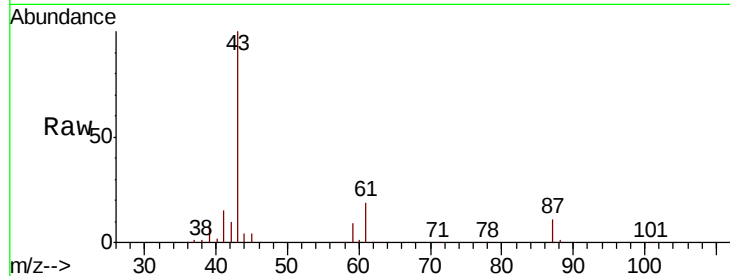
Isopropyl Acetate
 Concen: 18.542 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion	43	61	87
Resp	137389		
Ratio	100	20.3	12.5
Lower		14.2	9.3
Upper		21.4	13.9

Manual Integrations
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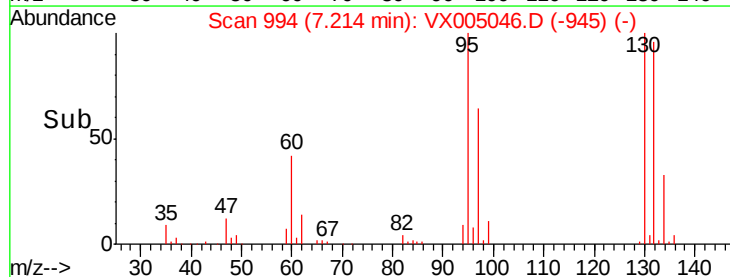
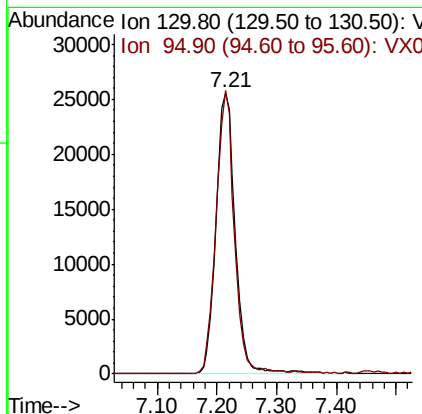
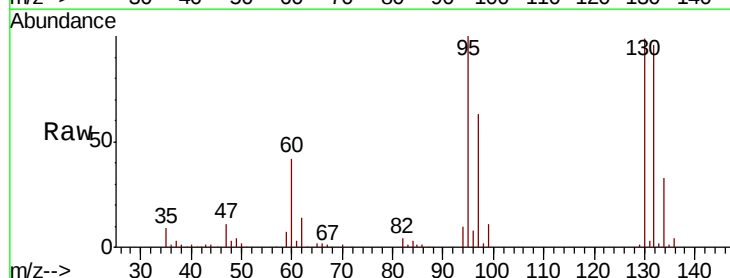
MMDadoda
 10/5/2018 6:15:40 PM

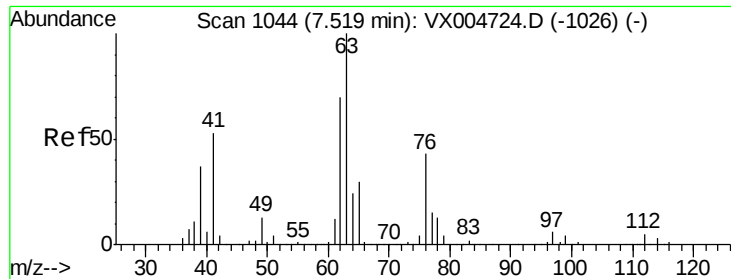


#44

Trichloroethene
 Concen: 19.284 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion	130	95
Resp	57400	
Ratio	100	100.8
Lower		0.0
Upper		186.8





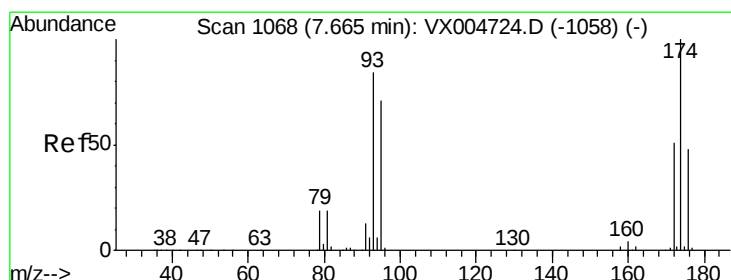
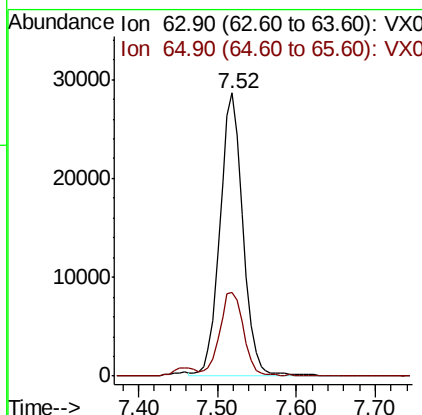
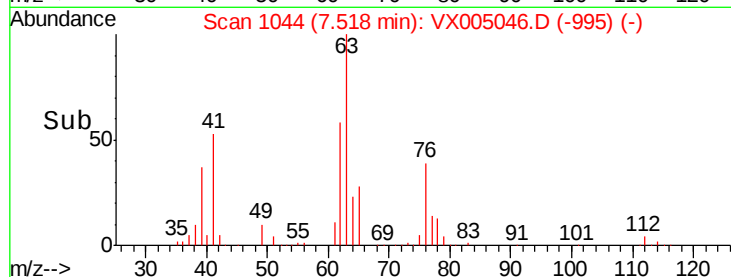
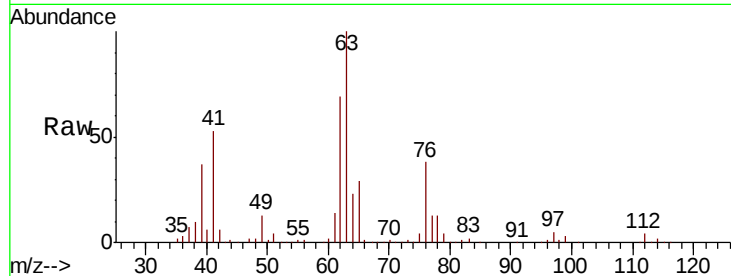
#45
 1,2-Dichloropropane
 Concen: 19.630 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion: 63 Resp: 58287
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9

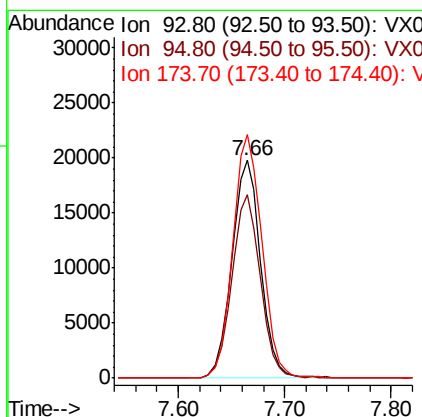
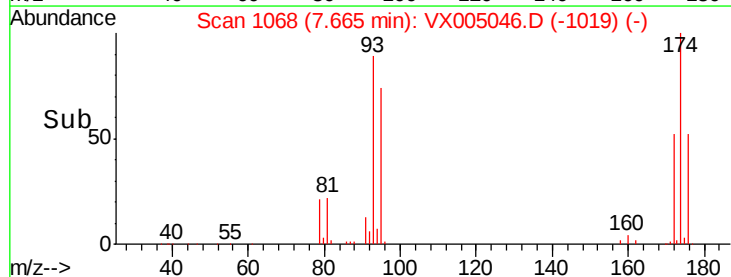
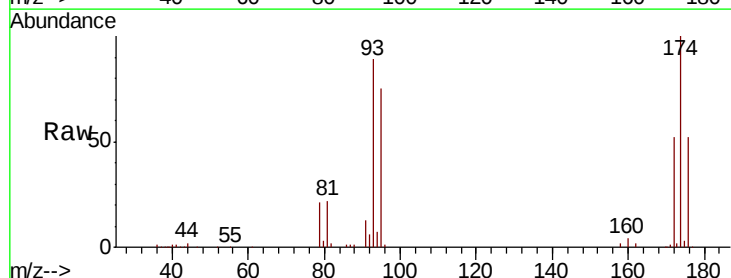
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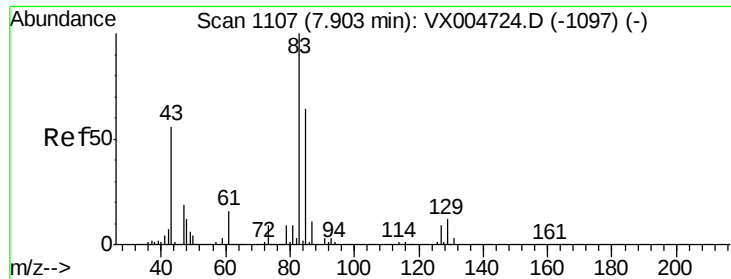
MMDadoda
 10/5/2018 6:15:40 PM



#46
 Dibromomethane
 Concen: 20.048 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion: 93 Resp: 37411
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.7 100.1
 174 113.7 92.7 139.1





#47

Bromodichloromethane

Concen: 20.277 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

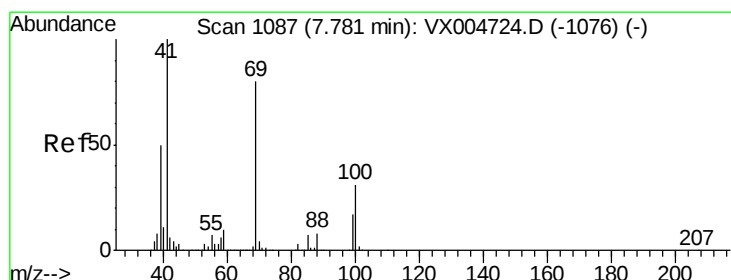
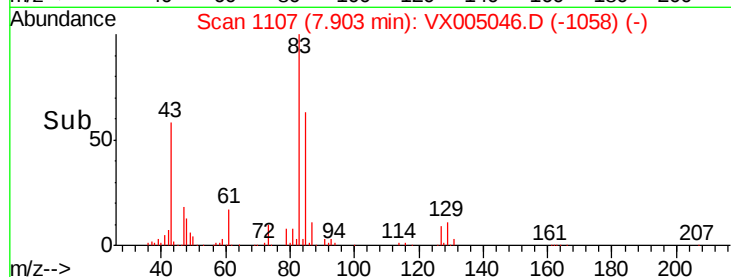
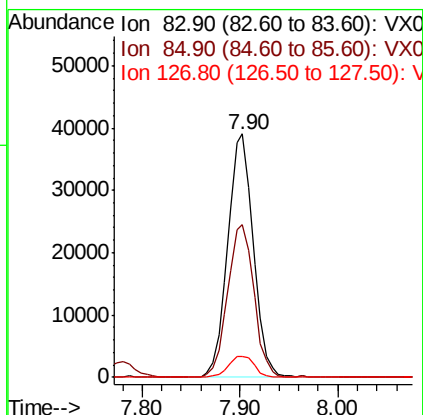
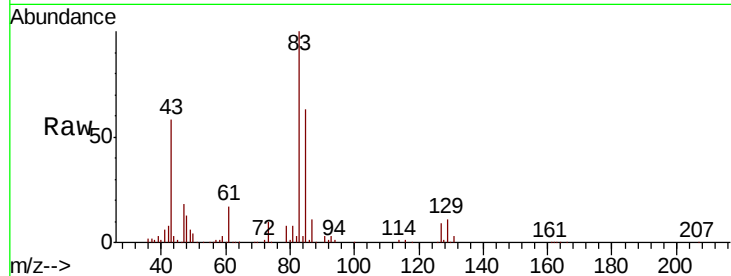
ClientSampleId :

VX1004WBSD04

Tot Ion:	83	Resp:	70844
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8
127	8.8	7.0	10.6

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#48

Methyl methacrylate

Concen: 21.271 ug/l

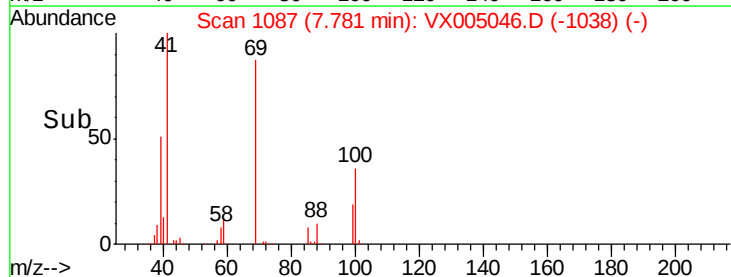
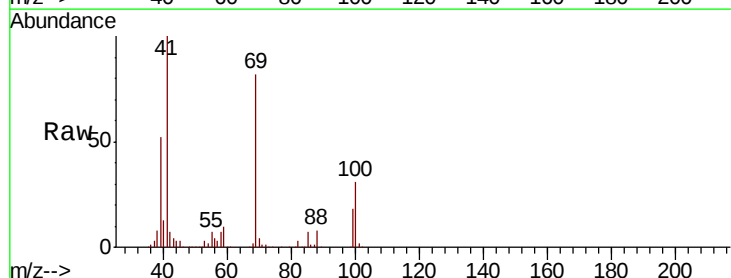
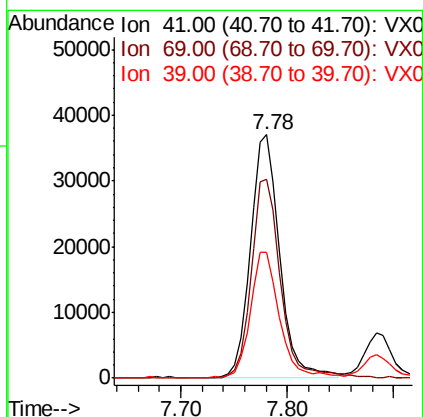
RT: 7.78 min Scan# 1087

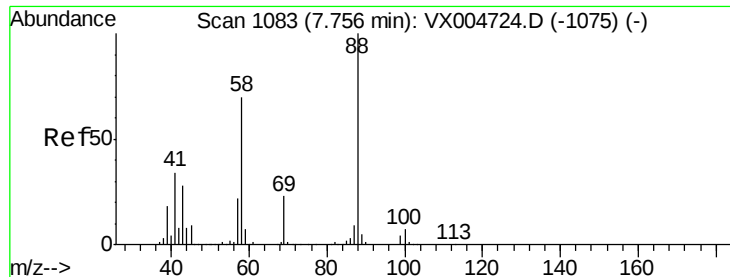
Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion:	41	Resp:	71537
Ion	Ratio	Lower	Upper
41	100		
69	81.9	63.8	95.6
39	51.0	40.7	61.1





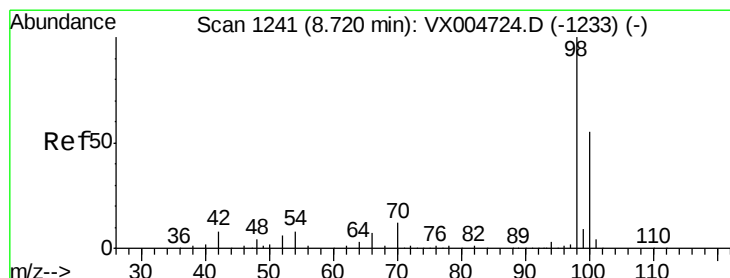
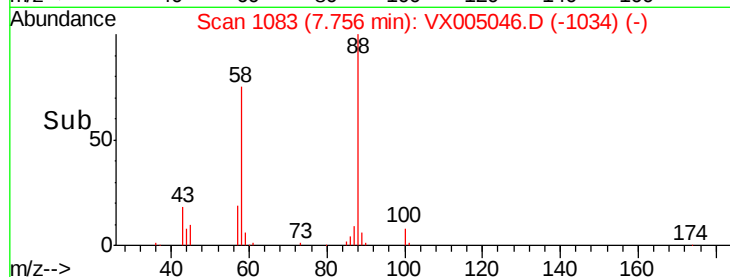
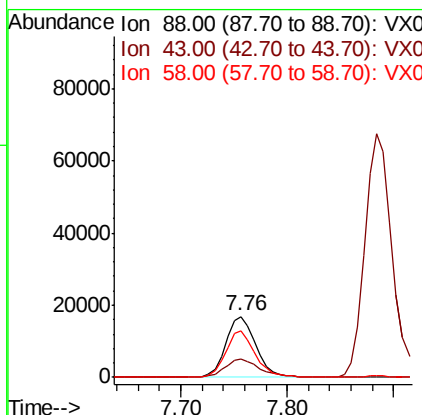
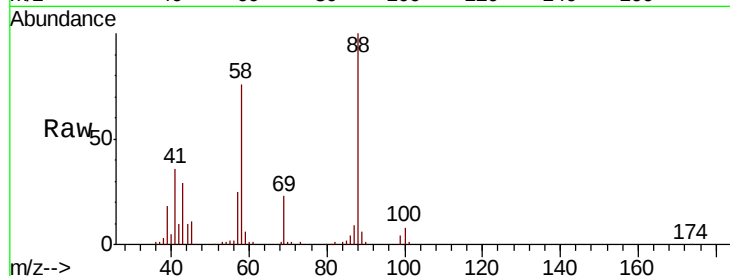
#49
1,4-Dioxane
Concen: 399.366 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.1	37.7
58	75.0	56.2	84.2

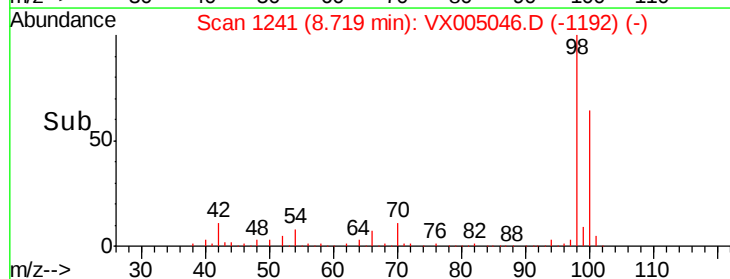
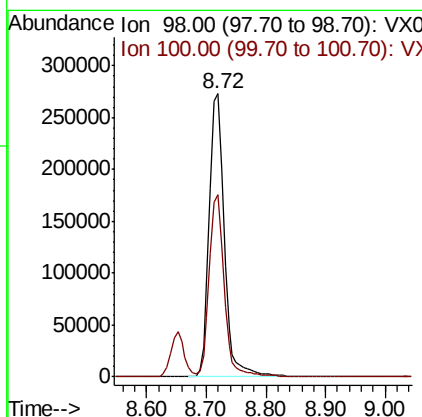
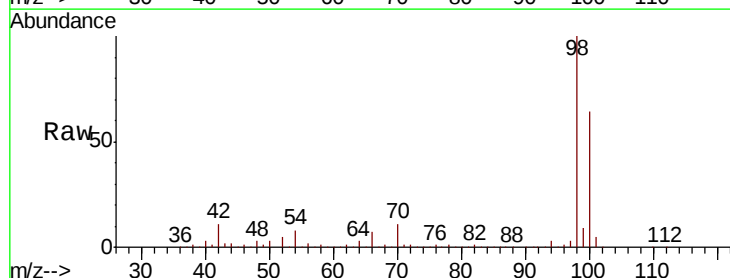
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#50
Toluene-d8
Concen: 50.303 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9





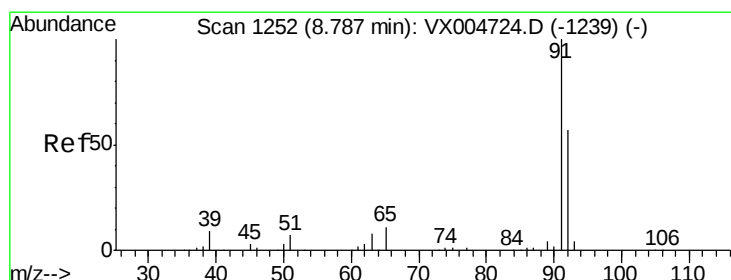
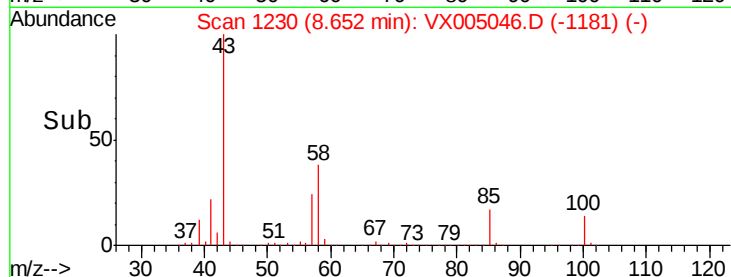
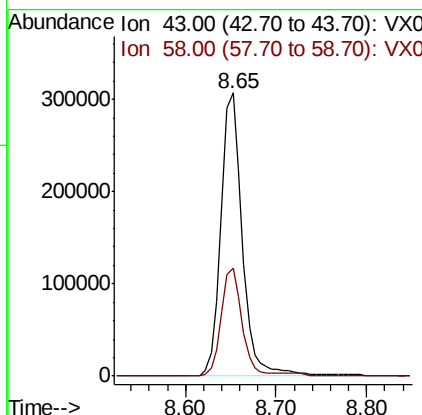
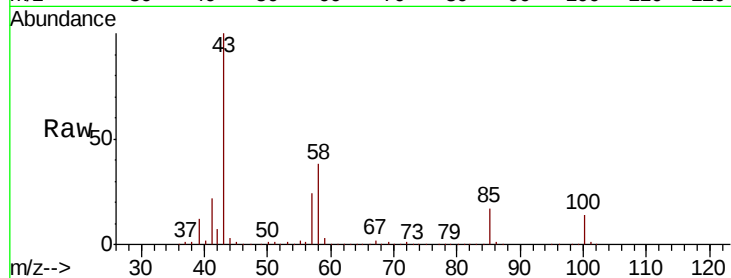
#51
4-Methyl-2-Pentanone
Concen: 108.613 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion: 43 Resp: 506740
Ion Ratio Lower Upper
43 100
58 37.1 30.5 45.7

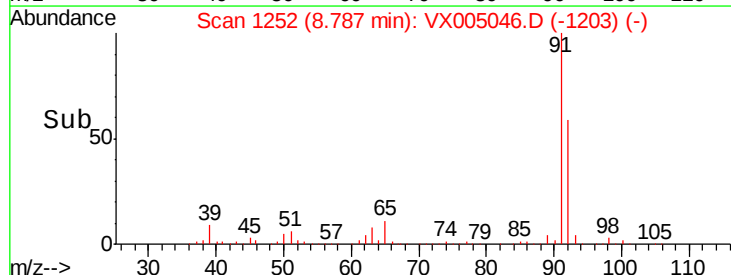
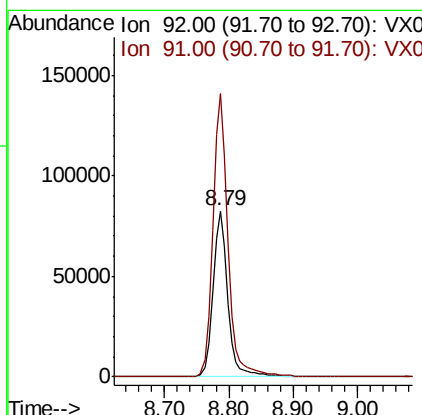
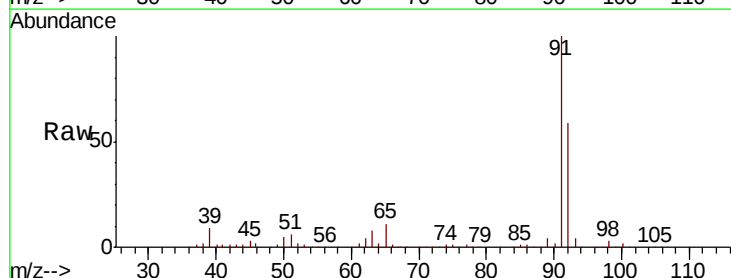
Manual Integrations
APPROVED

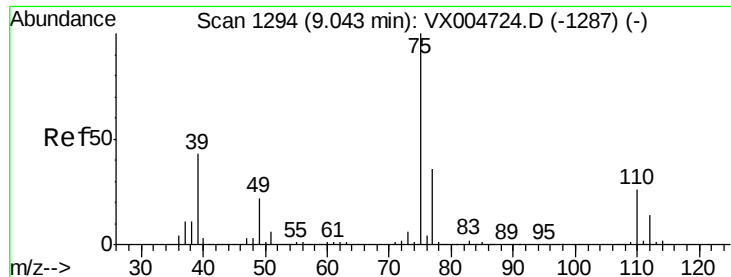
MMDadoda
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#52
Toluene
Concen: 20.184 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 92 Resp: 134288
Ion Ratio Lower Upper
92 100
91 173.6 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.018 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 75 Resp: 71136

Ion Ratio Lower Upper

75 100

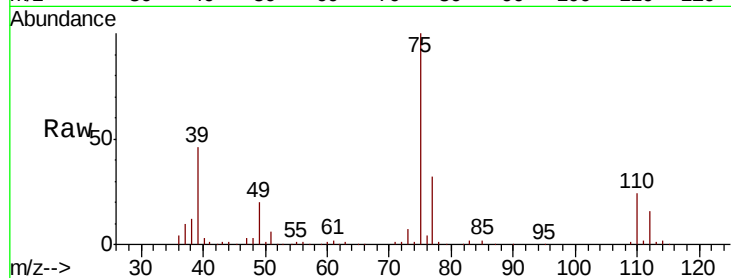
77 31.7 28.9 43.3

Manual Integrations

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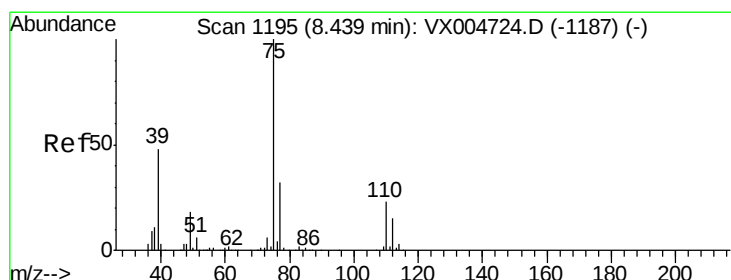
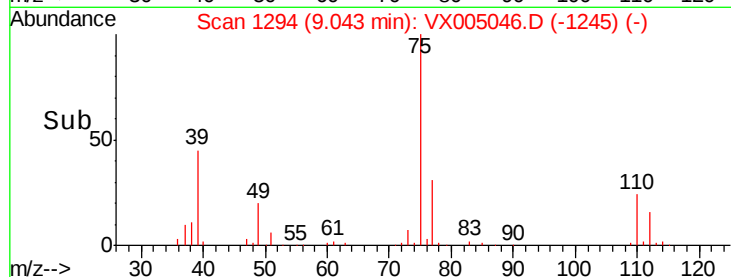
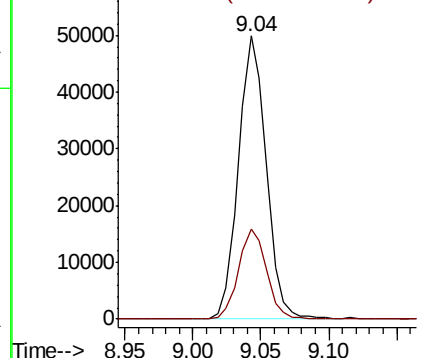
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.284 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

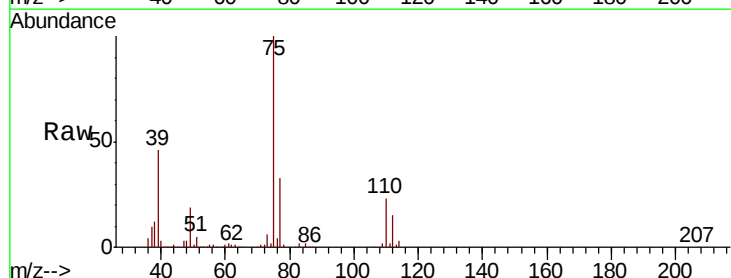
Tgt Ion: 75 Resp: 79747

Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

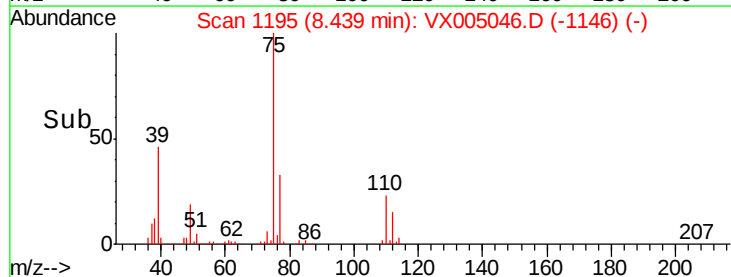
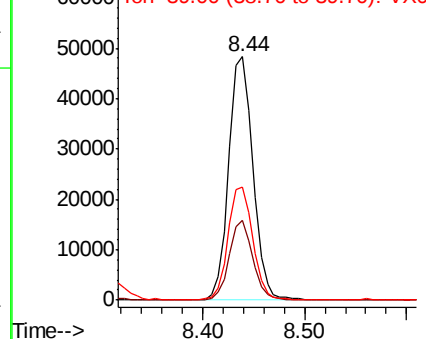
39 45.9 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.709 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

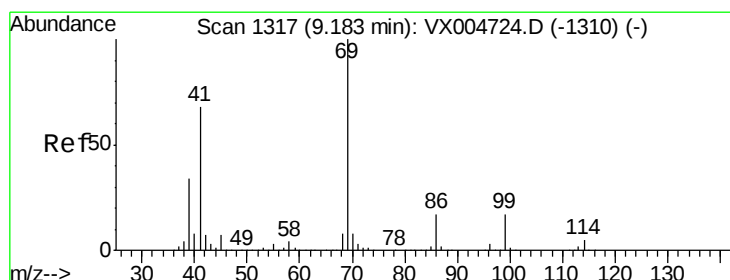
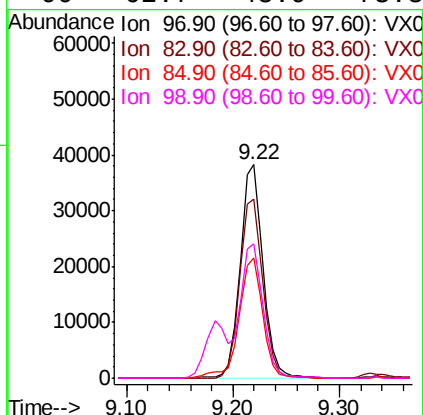
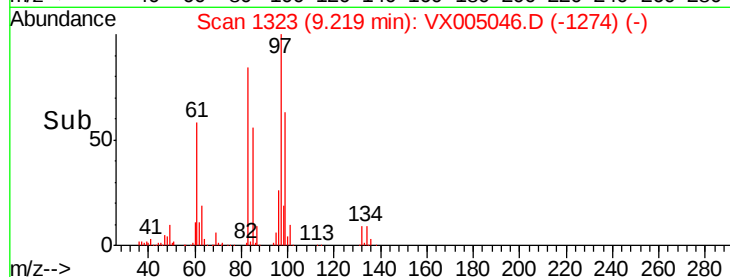
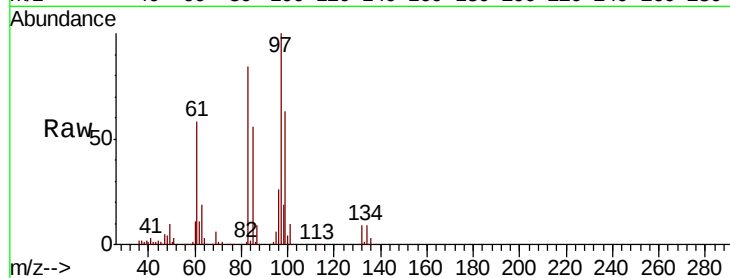
ClientSampleId :

VX1004WBSD04

Tot Ion:	97	Resp:	57437
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.2
85	56.0	49.9	74.9
99	62.7	48.9	73.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.500 ug/l

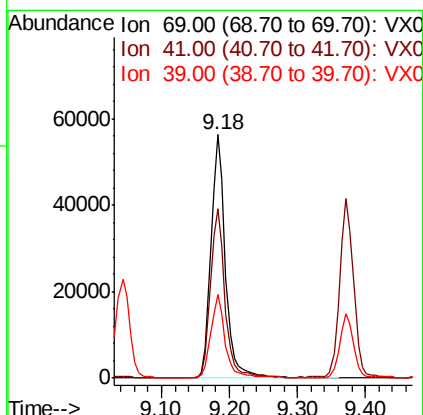
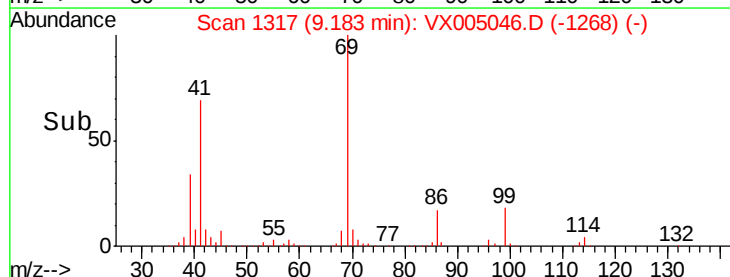
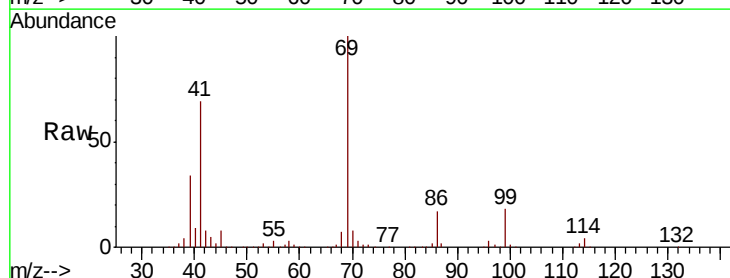
RT: 9.18 min Scan# 1317

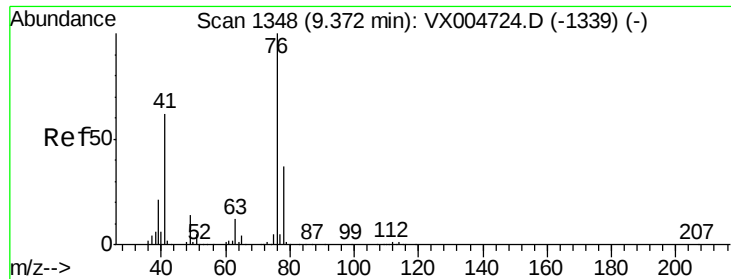
Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion:	69	Resp:	83458
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.9	85.3
39	33.9	28.4	42.6





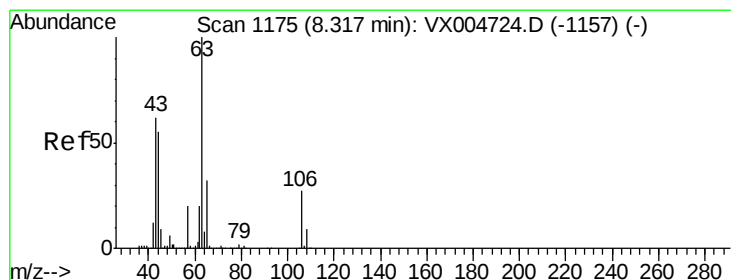
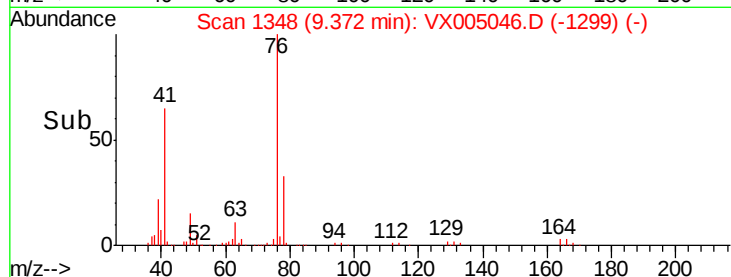
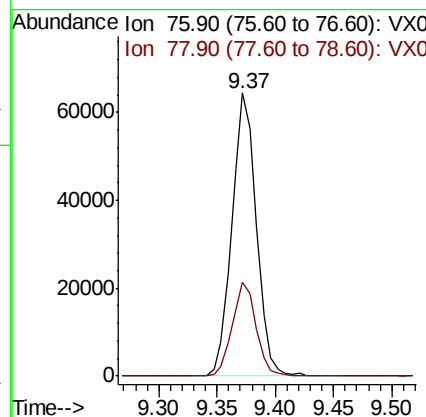
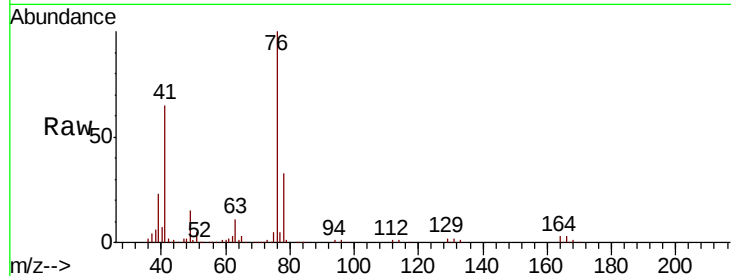
#57
 1,3-Dichloropropane
 Concen: 19.390 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.6	40.0

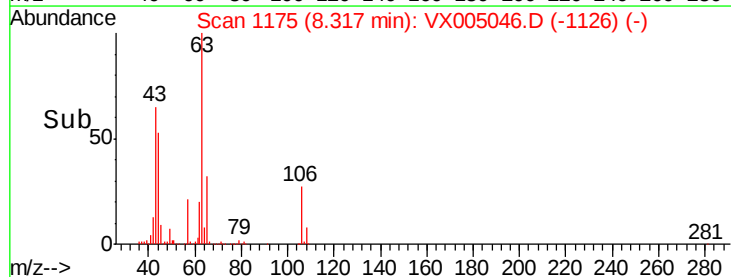
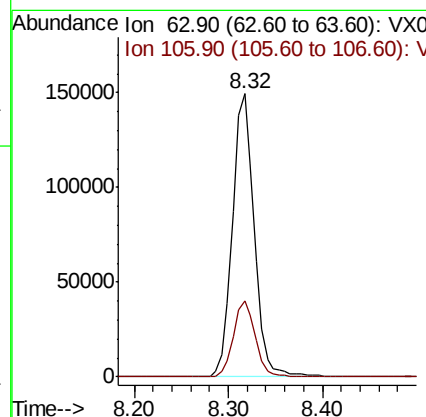
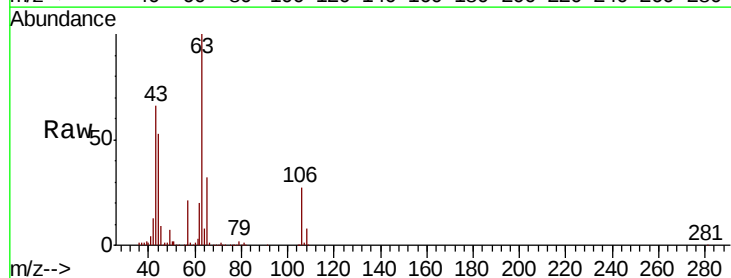
Manual Integrations
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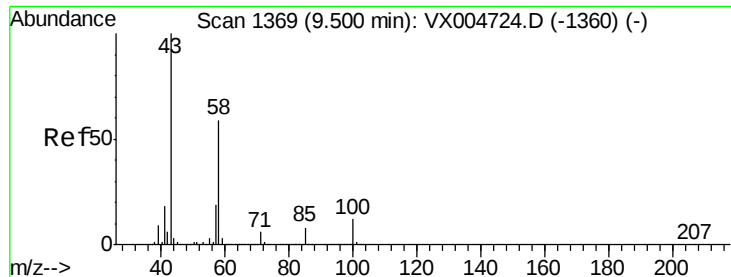
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.939 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.0	31.6





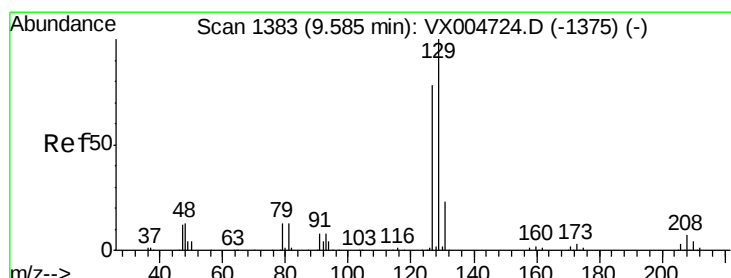
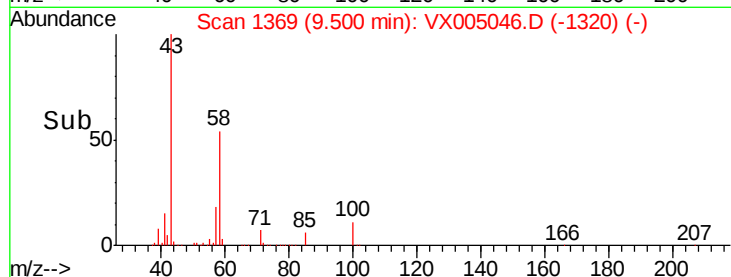
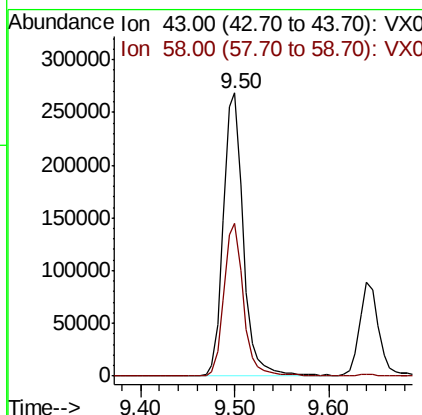
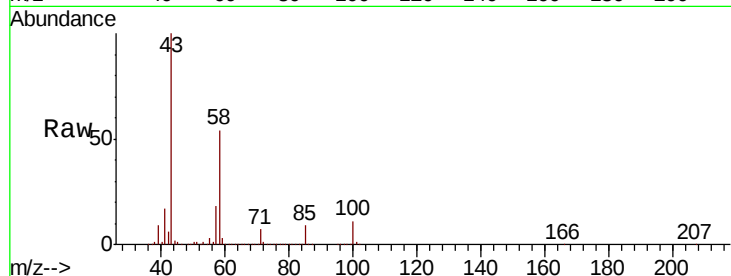
#59
2-Hexanone
Concen: 101.743 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	43	Resp	395564
Ion Ratio	43	100	
Lower	58	53.0	28.4
Upper			85.3

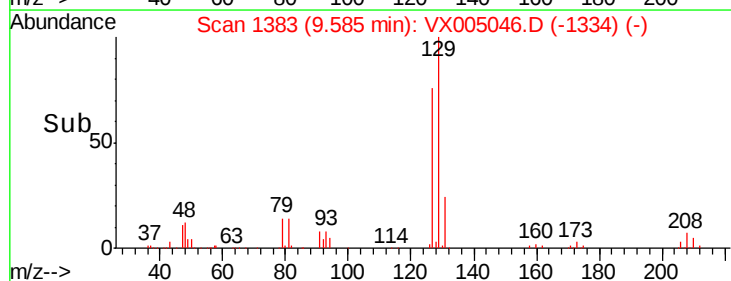
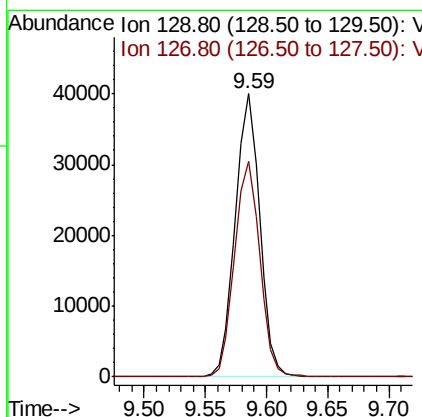
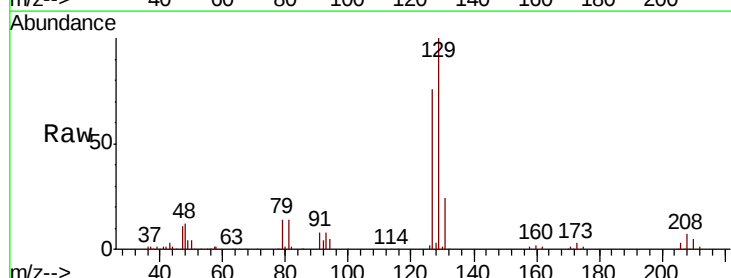
Manual Integrations
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#60
Dibromochloromethane
Concen: 19.097 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	129	Resp	55659
Ion Ratio	129	100	
Lower	127	78.1	39.1
Upper			117.2





#61

1,2-Dibromoethane

Concen: 18.957 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion:107 Resp: 59165

Ion Ratio Lower Upper

107 100

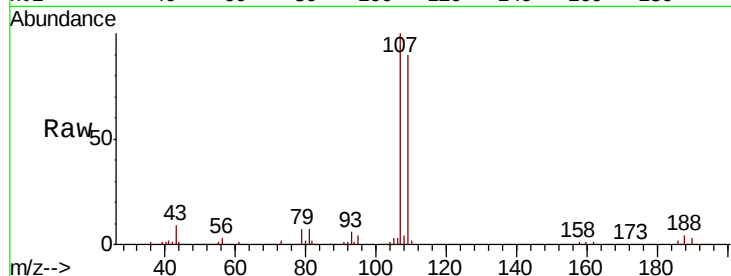
109 93.2 72.1 108.1

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

40000

30000

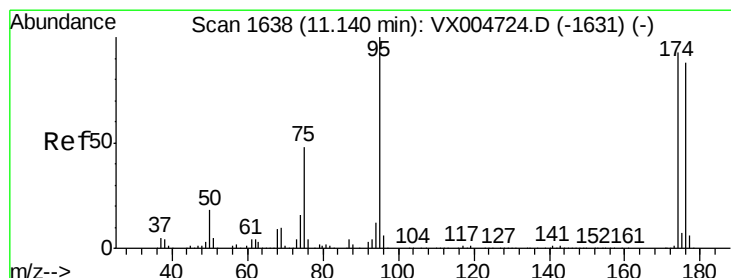
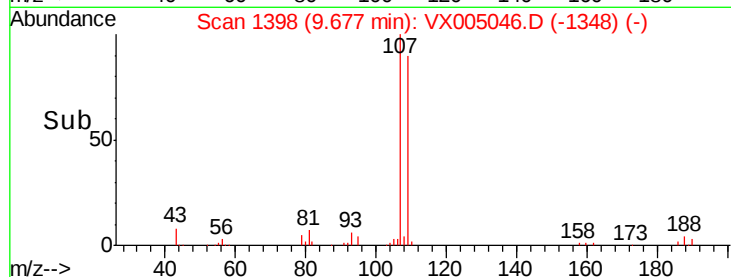
20000

10000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.206 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

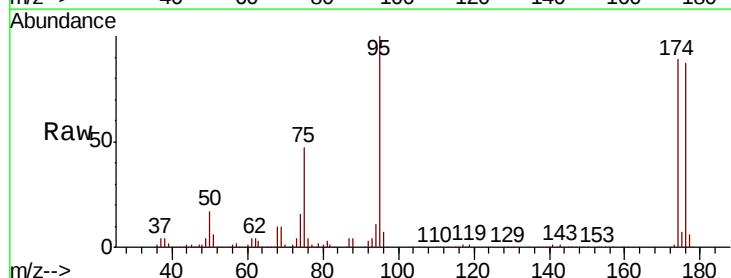
Tgt Ion: 95 Resp: 173844

Ion Ratio Lower Upper

95 100

174 90.3 0.0 185.0

176 87.8 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

150000

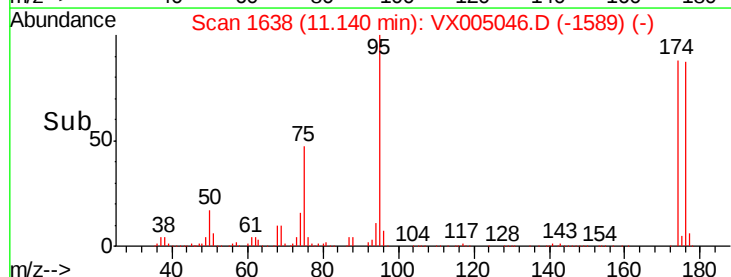
100000

50000

0

11.10 11.20

Time-->





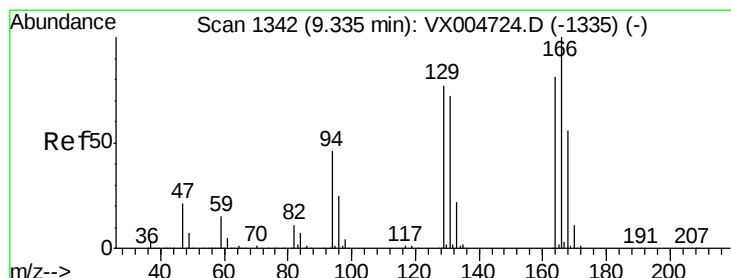
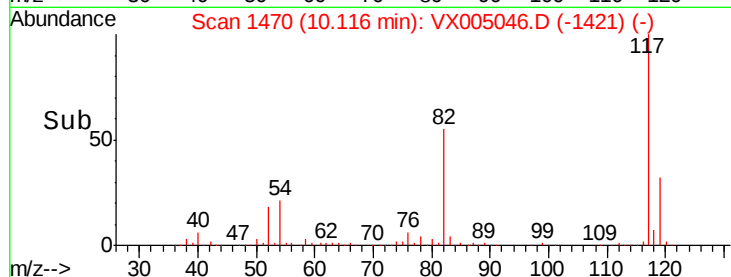
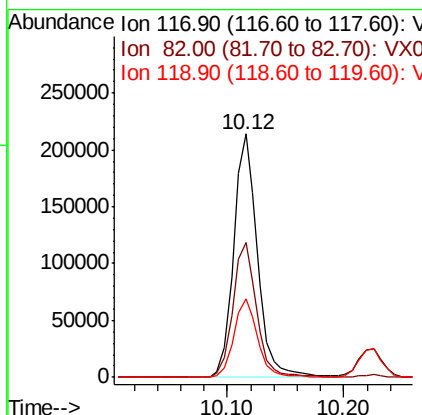
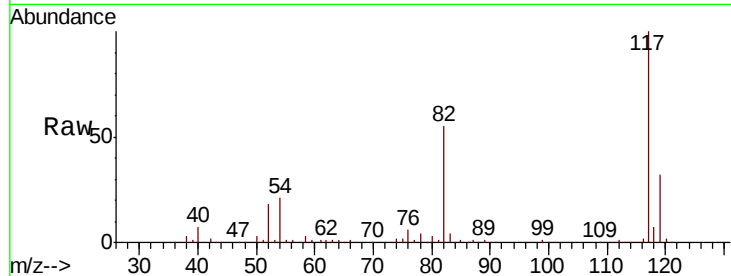
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.2	63.4
119	32.4	27.4	41.0

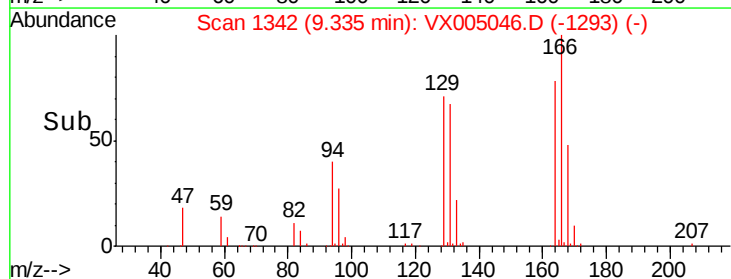
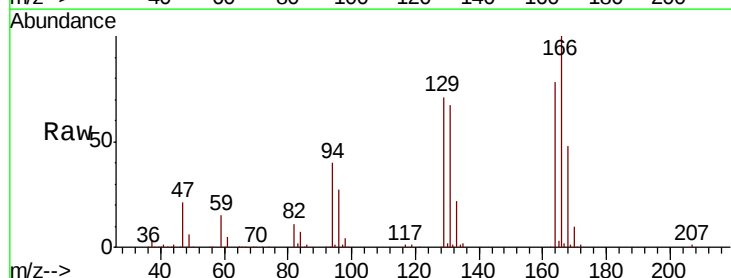
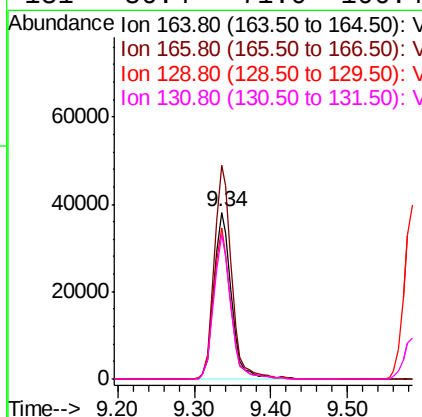
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.163 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	98.4	147.6
129	91.0	76.1	114.1
131	86.4	71.0	106.4





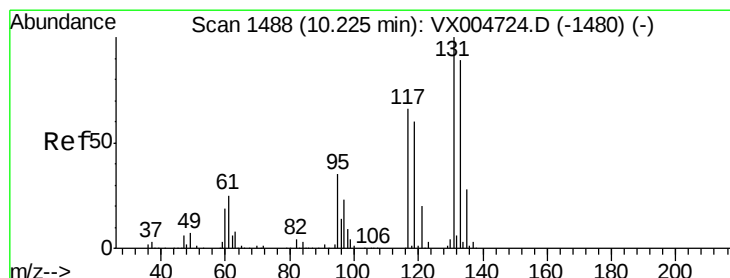
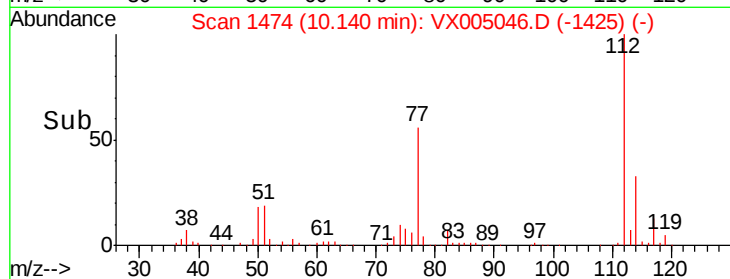
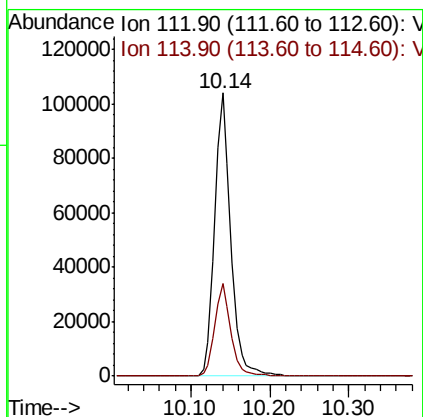
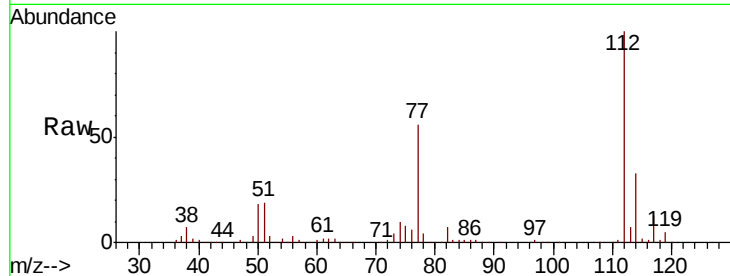
#65
Chlorobenzene
Concen: 19.082 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion:112 Resp: 148942
Ion Ratio Lower Upper
112 100
114 32.5 26.7 40.1

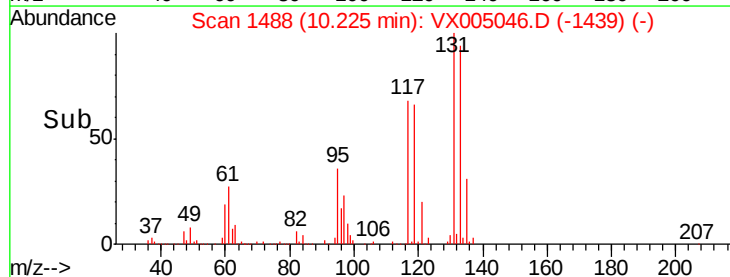
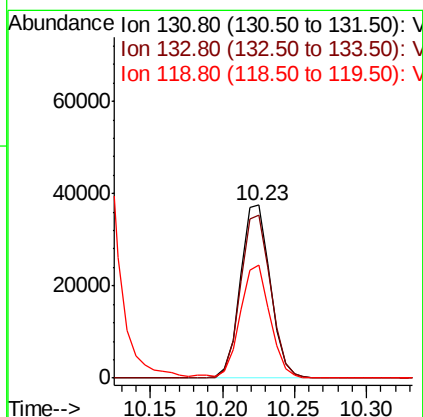
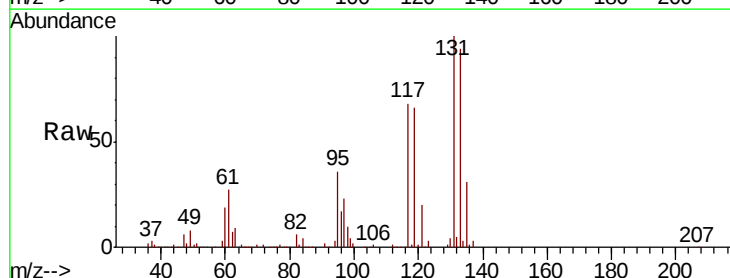
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.719 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion:131 Resp: 54110
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 65.5 32.3 96.8





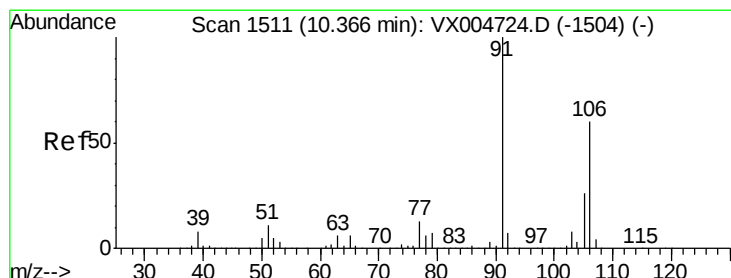
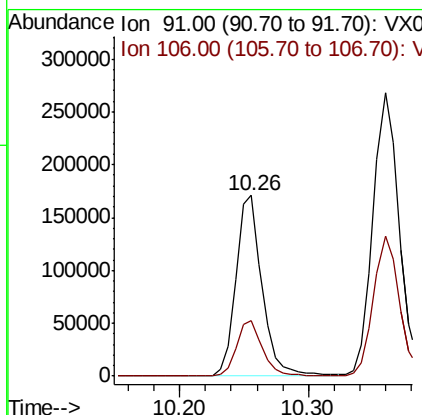
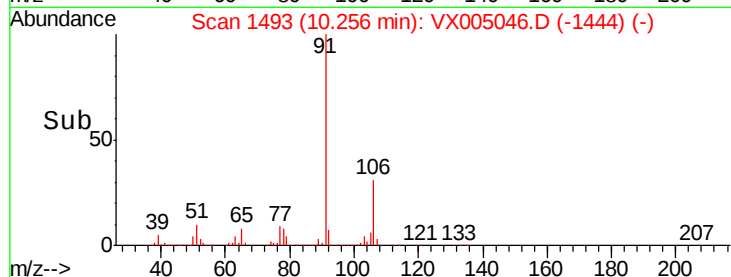
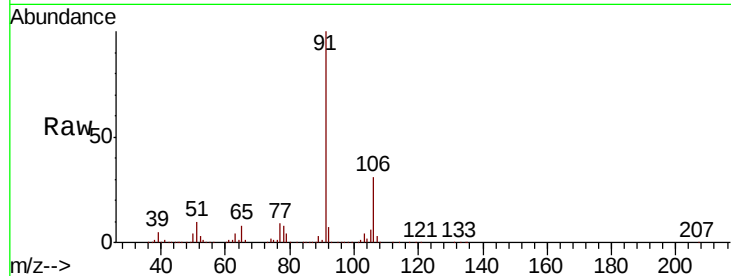
#67
Ethyl Benzene
Concen: 19.576 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion: 91 Resp: 242586
Ion Ratio Lower Upper
91 100
106 30.7 26.9 40.3

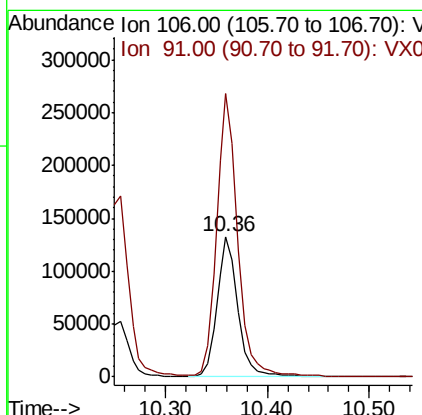
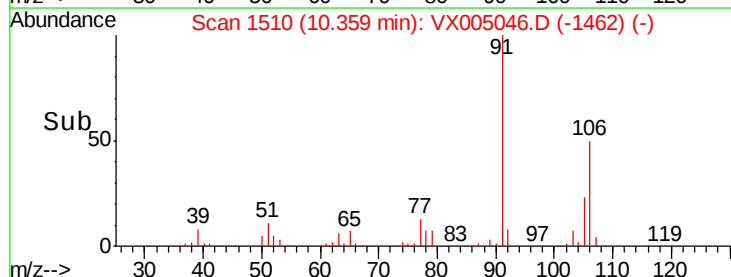
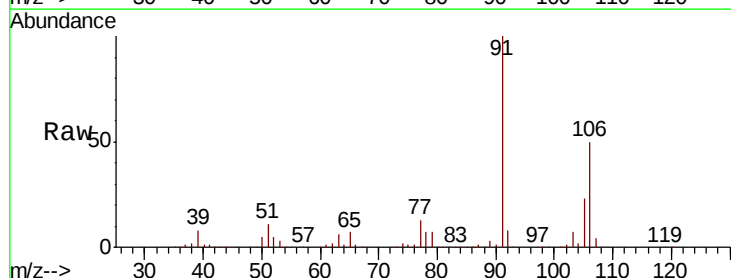
Manual Integrations
APPROVED

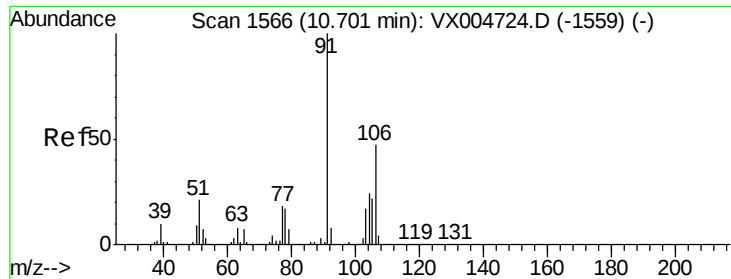
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#68
m/p-Xylenes
Concen: 38.970 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion: 106 Resp: 188709
Ion Ratio Lower Upper
106 100
91 206.3 157.5 236.3





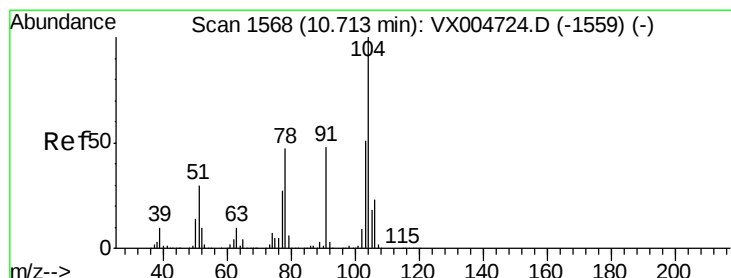
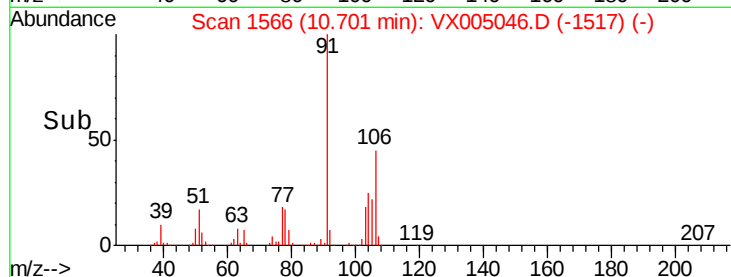
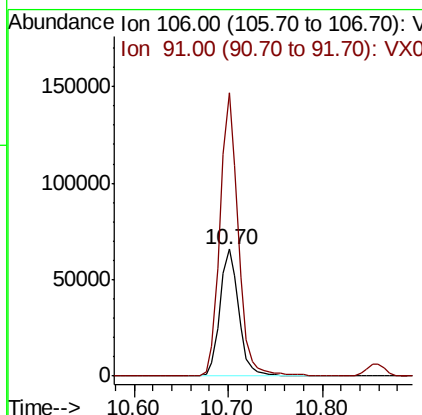
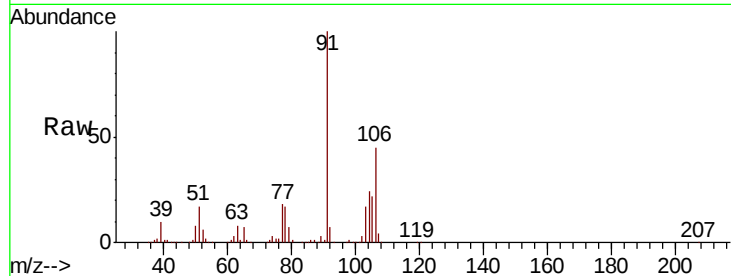
#69
o-Xylene
Concen: 20.650 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion:106 Resp: 91848
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.8

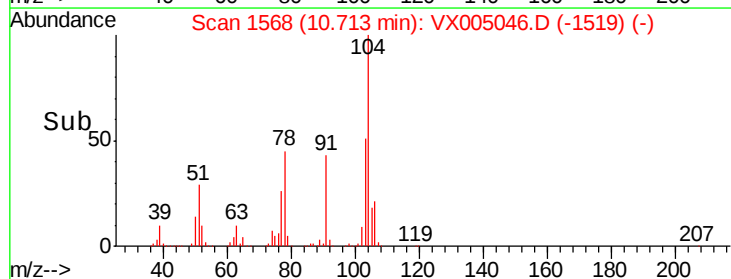
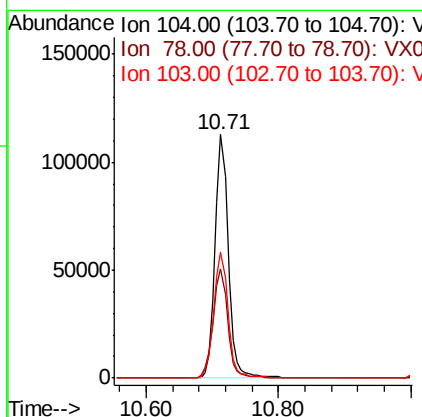
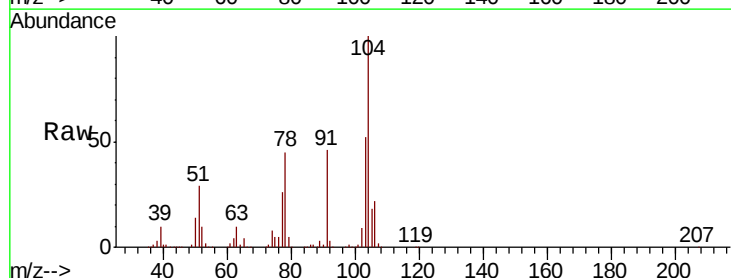
Manual Integrations
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#70
Styrene
Concen: 20.013 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion:104 Resp: 155321
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 19.130 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion:173 Resp: 44940

Ion Ratio Lower Upper

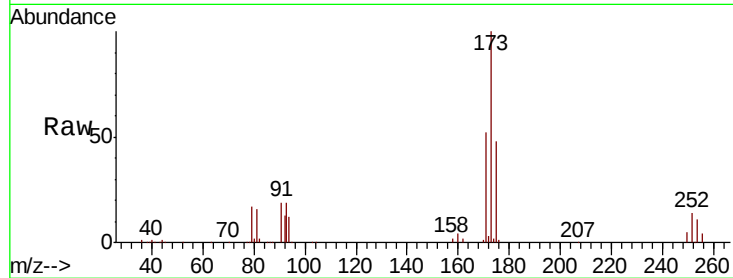
173 100

175 48.4 23.3 69.8

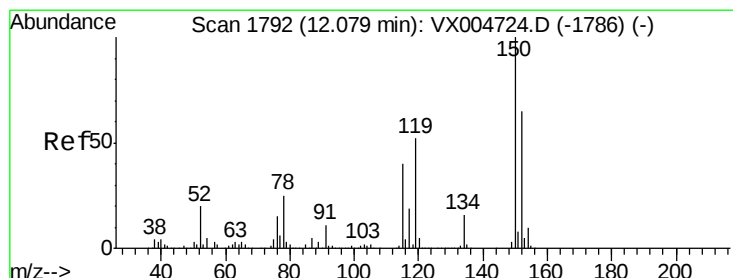
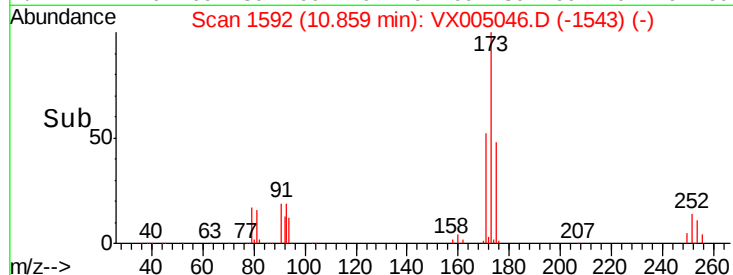
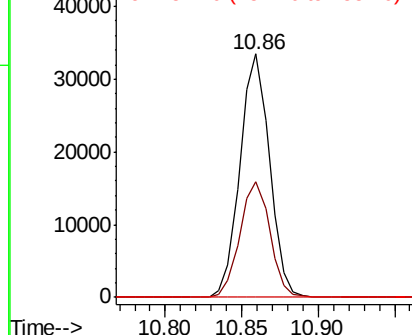
254 0.0 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

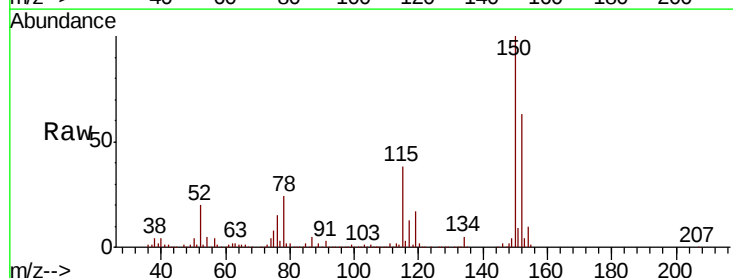
Tgt Ion:152 Resp: 181150

Ion Ratio Lower Upper

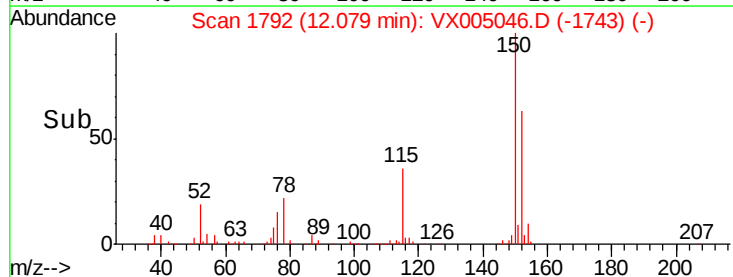
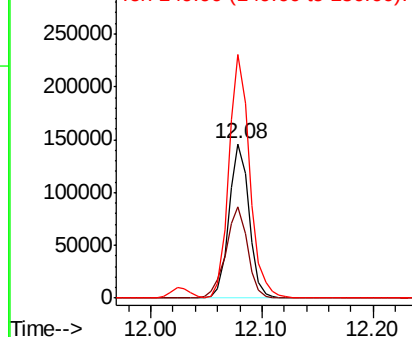
152 100

115 64.5 40.2 120.6

150 163.7 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: 21.683 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 105 Resp: 247581

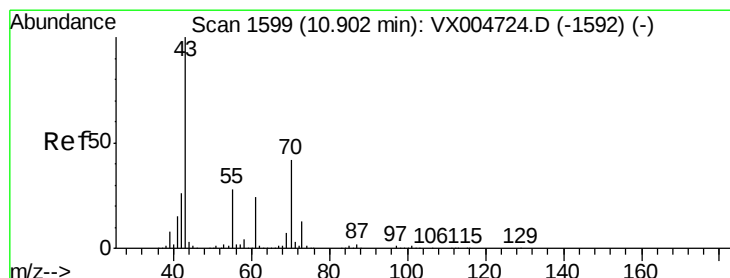
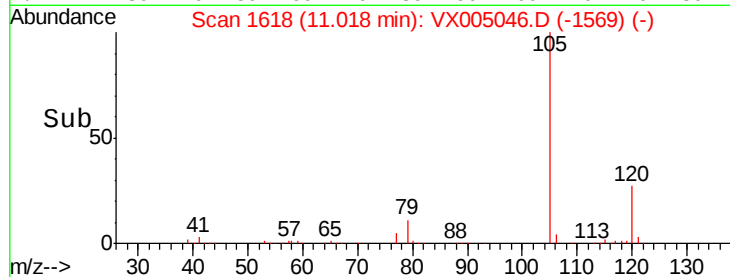
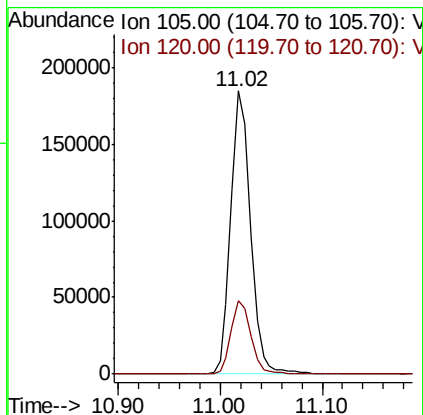
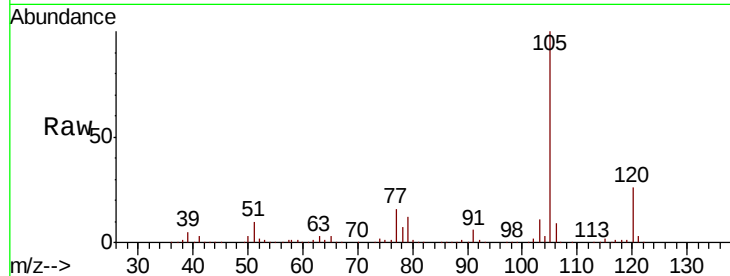
Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.698 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion: 43 Resp: 116736

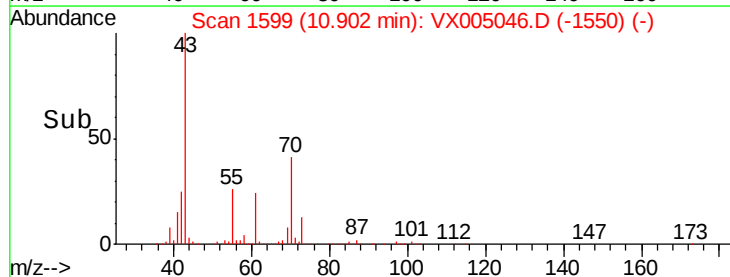
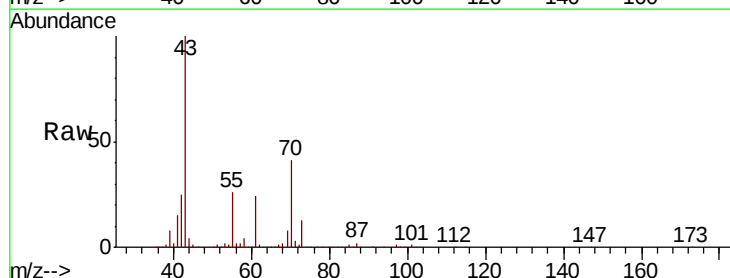
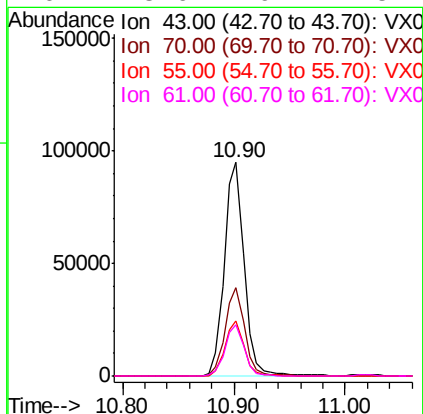
Ion Ratio Lower Upper

43 100

70 41.1 32.6 48.8

55 25.0 21.6 32.4

61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.605 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

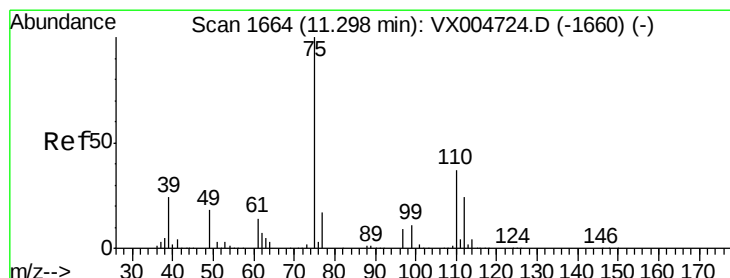
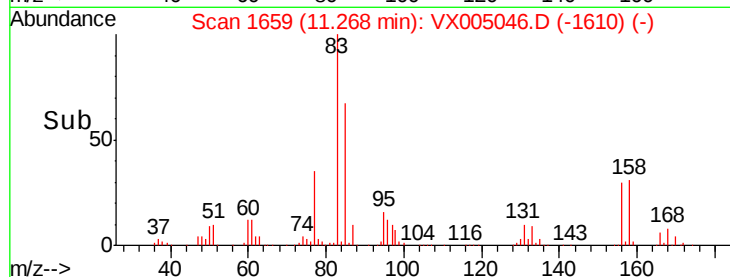
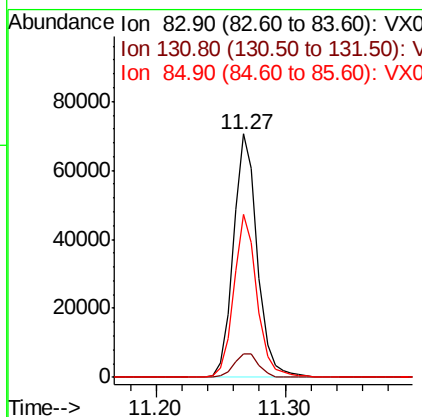
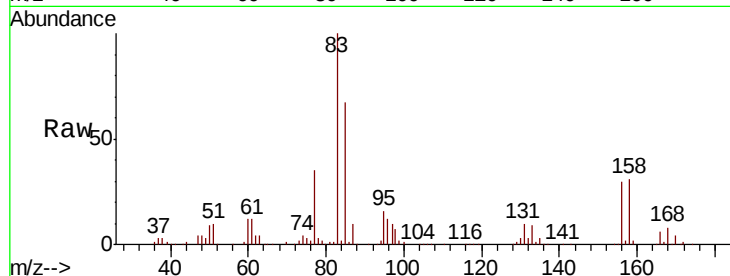
ClientSampleId :

VX1004WBSD04

Tot Ion:	83	Resp:	91123
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	65.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.646 ug/l m

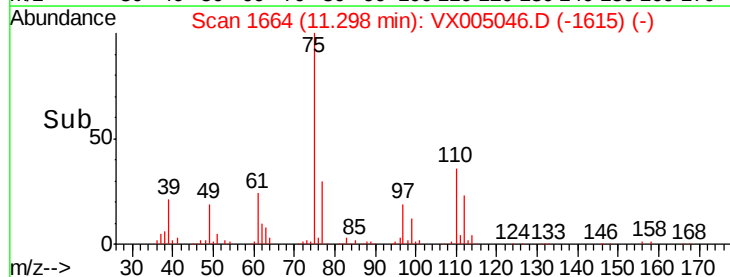
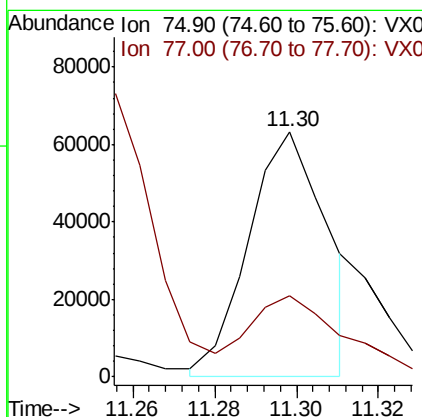
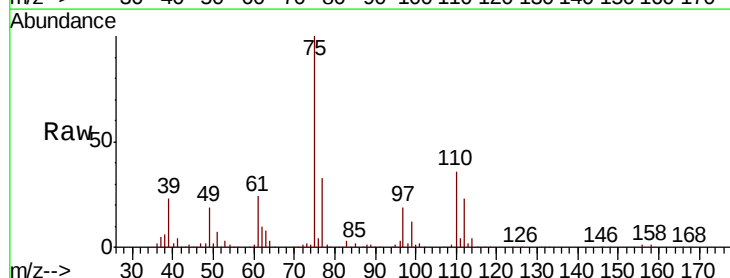
RT: 11.30 min Scan# 1664

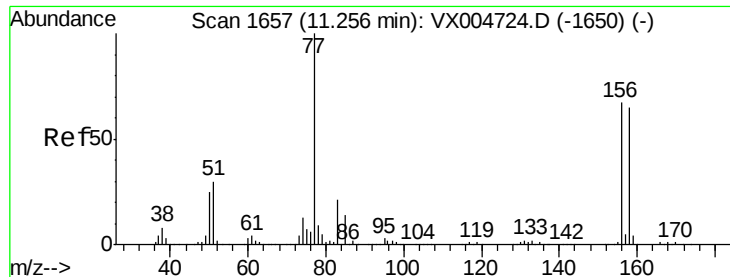
Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Tgt Ion:	75	Resp:	83829
Ion Ratio	Lower	Upper	
75	100		
77	39.9	21.4	64.3





#77

Bromobenzene

Concen: 20.691 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion:156 Resp: 68622

Ion Ratio Lower Upper

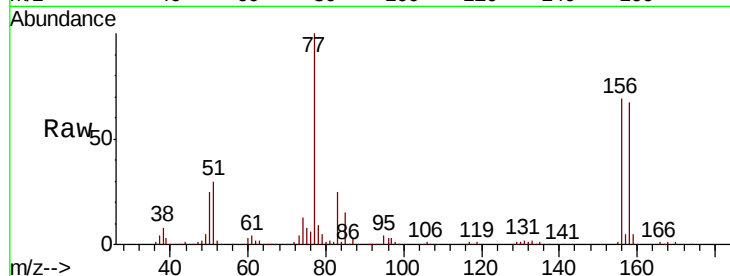
156 100

77 145.0 73.4 220.2

158 96.7 49.1 147.4

Manual Integrations
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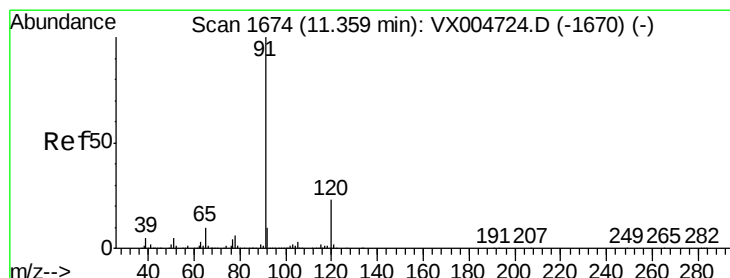
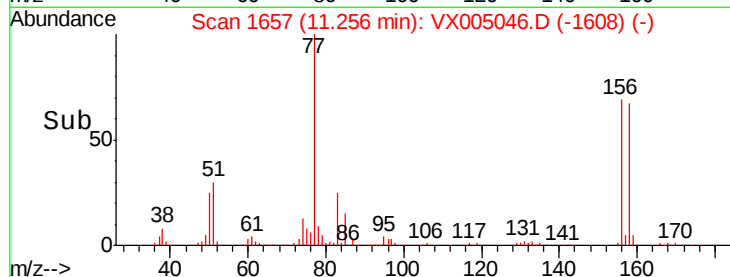
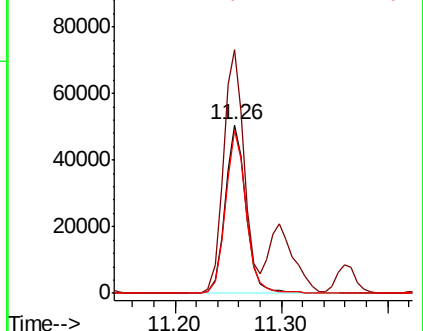
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.184 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005046.D

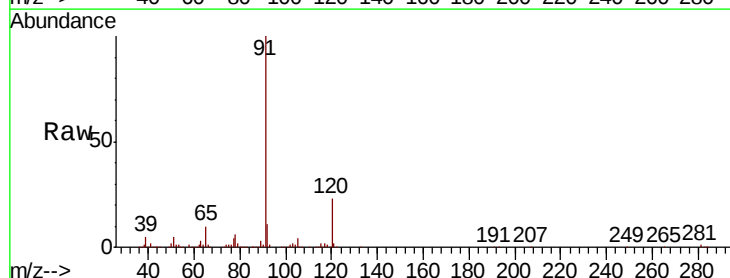
Acq: 05 Oct 2018 04:30

Tgt Ion: 91 Resp: 277532

Ion Ratio Lower Upper

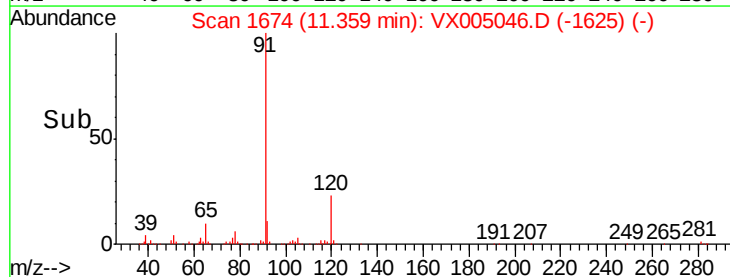
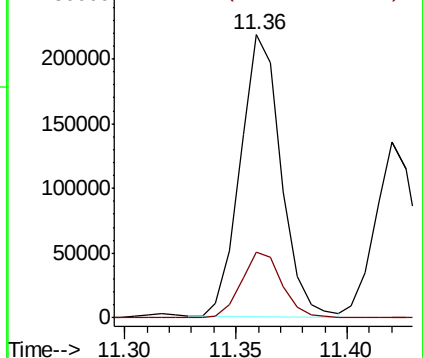
91 100

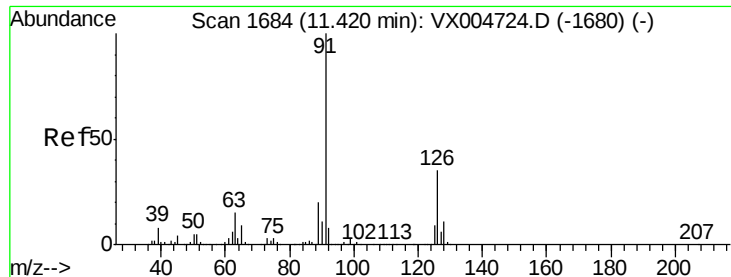
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.187 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion: 91 Resp: 173016

Ion Ratio Lower Upper

91 100

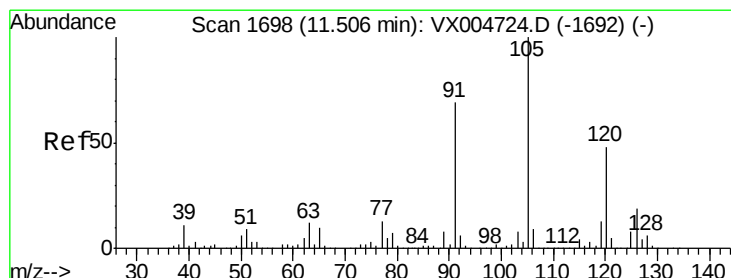
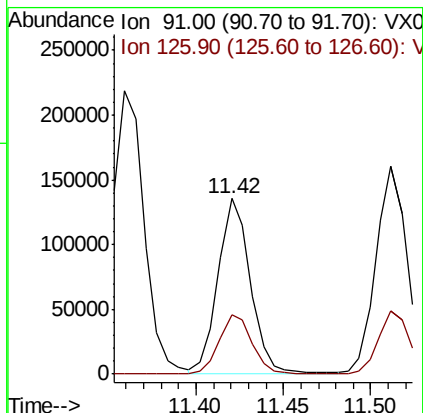
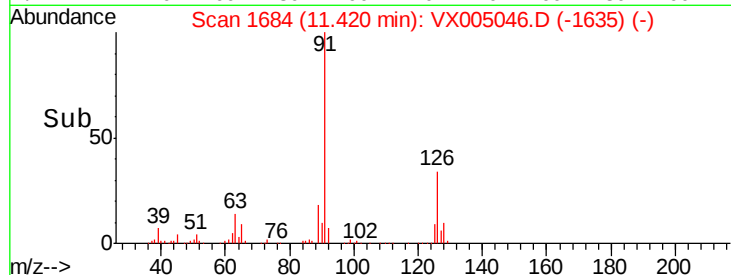
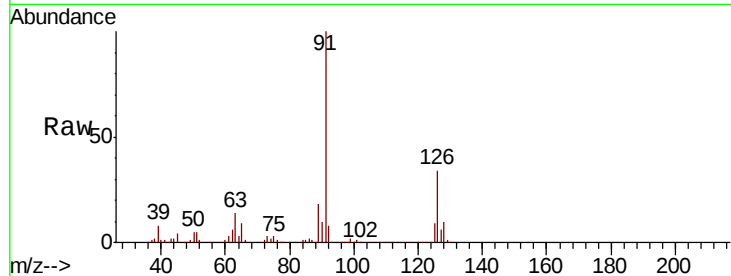
126 35.2 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 19.706 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005046.D

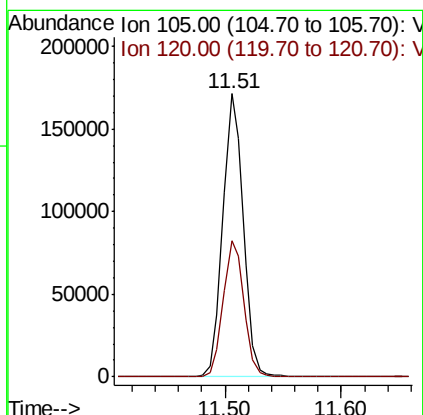
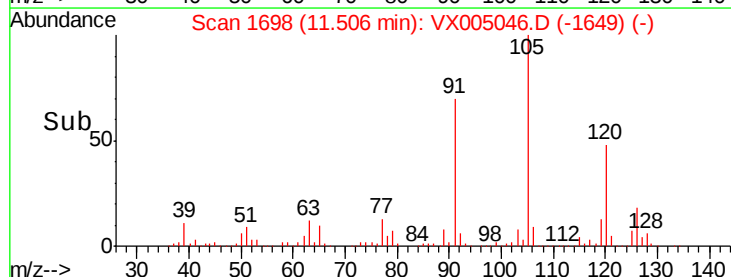
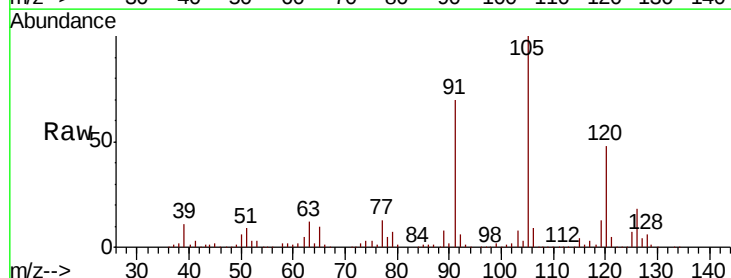
Acq: 05 Oct 2018 04:30

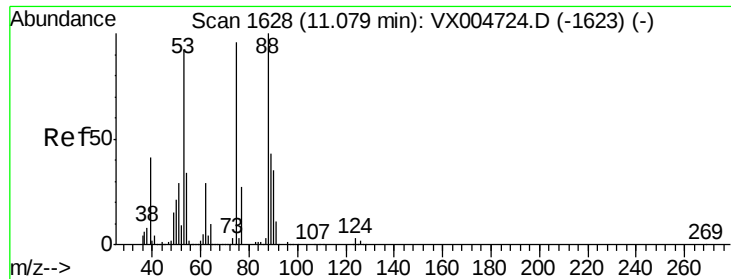
Tgt Ion: 105 Resp: 207476

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8





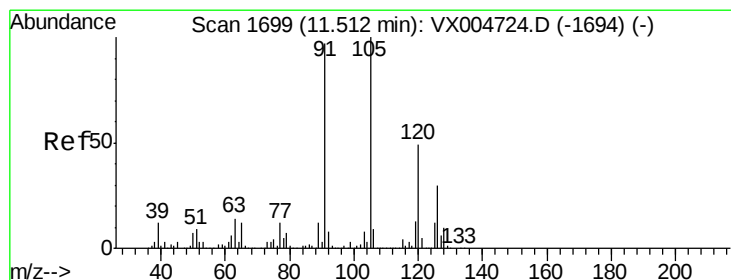
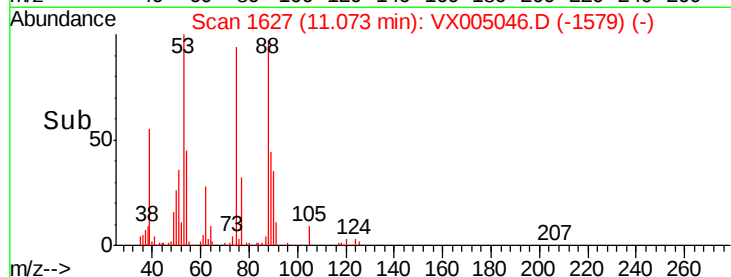
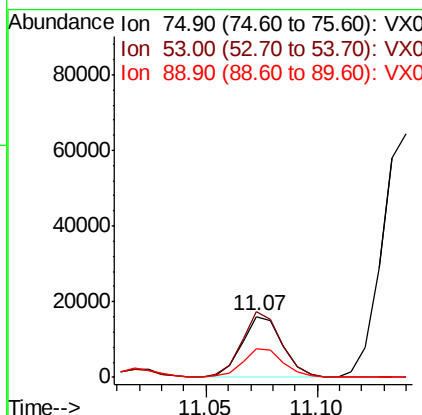
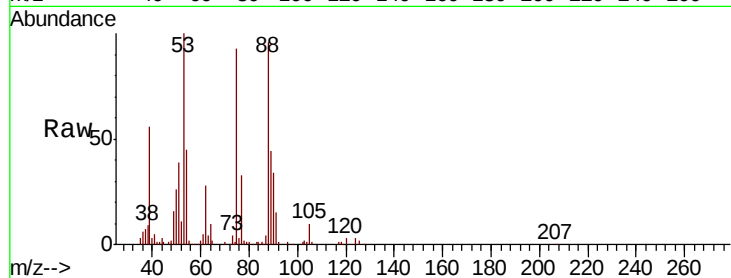
#81
trans-1,4-Dichloro-2-butene
Concen: 14.946 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.8	80.2	120.4
89	47.7	37.1	55.7

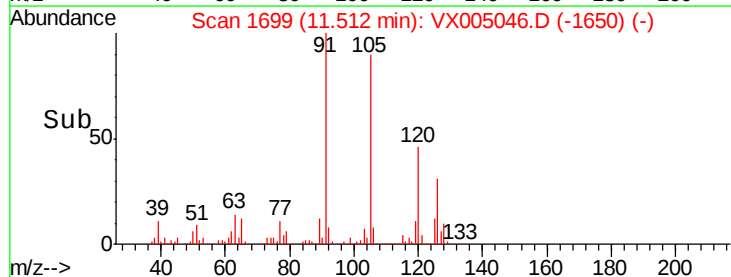
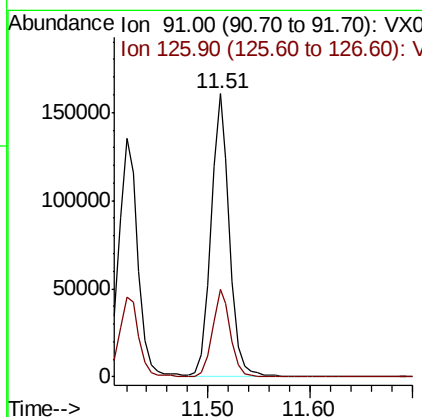
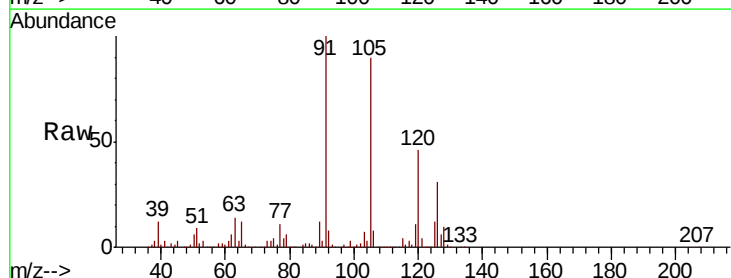
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#82
4-Chlorotoluene
Concen: 21.175 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.5	46.5





#83

tert-Butylbenzene

Concen: 21.313 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

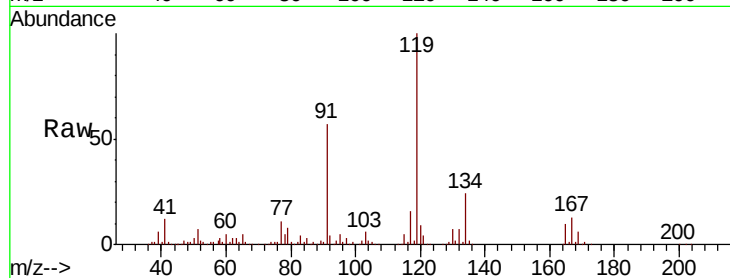
ClientSampleId :

VX1004WBSD04

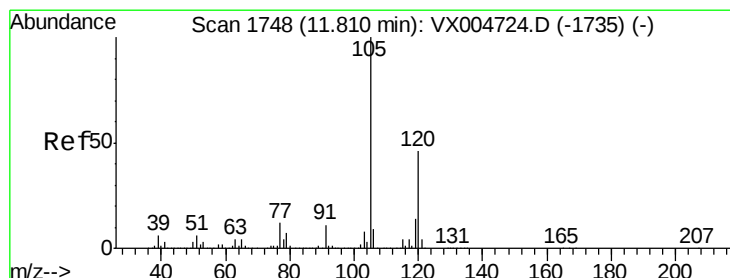
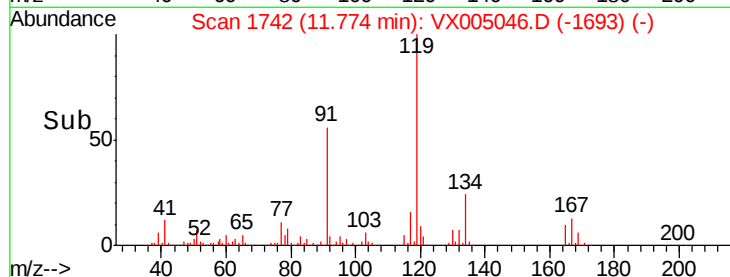
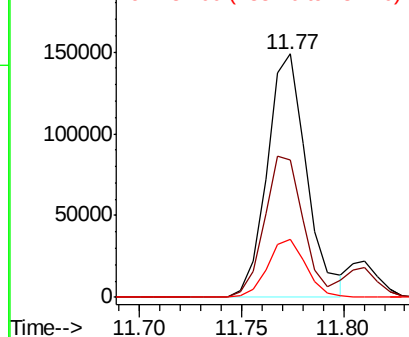
Tot Ion:	119	Resp:	200360
Ion Ratio	Lower	Upper	
119	100		
91	56.8	27.5	82.5
134	23.1	11.5	34.4

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.907 ug/l

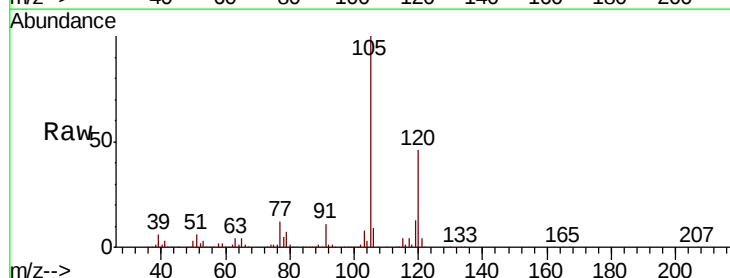
RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

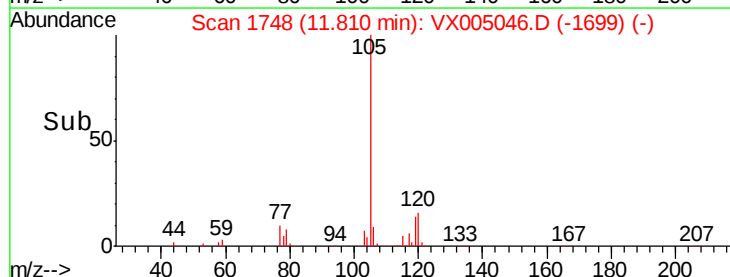
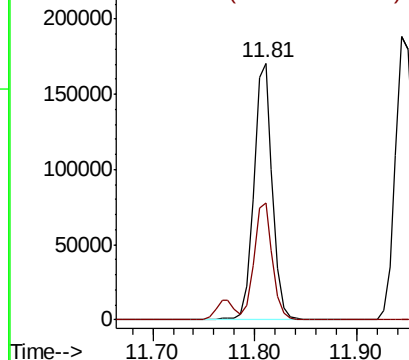
Lab File: VX005046.D

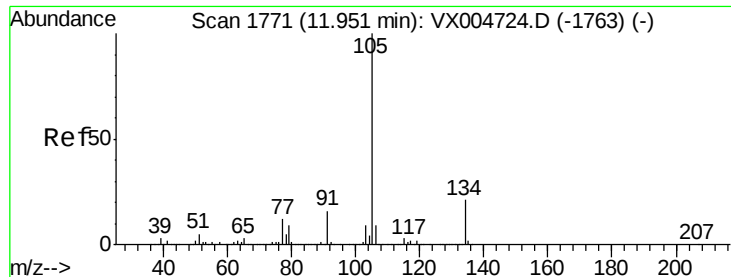
Acq: 05 Oct 2018 04:30

Tgt Ion:	105	Resp:	216124
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.8	68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.080 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD04

Tot Ion:105 Resp: 241377

Ion Ratio Lower Upper

105 100

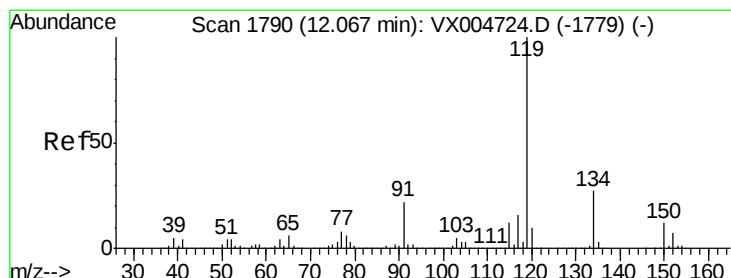
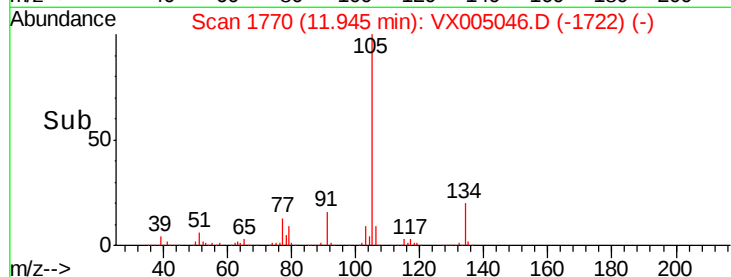
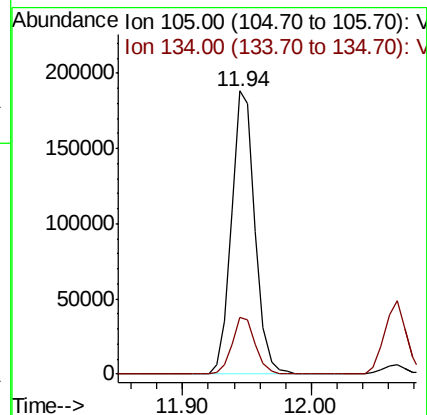
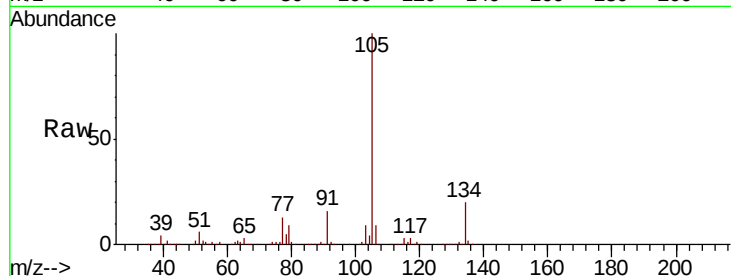
134 20.1 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 20.611 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005046.D

Acq: 05 Oct 2018 04:30

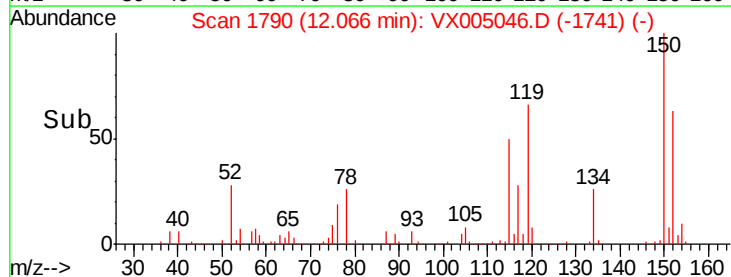
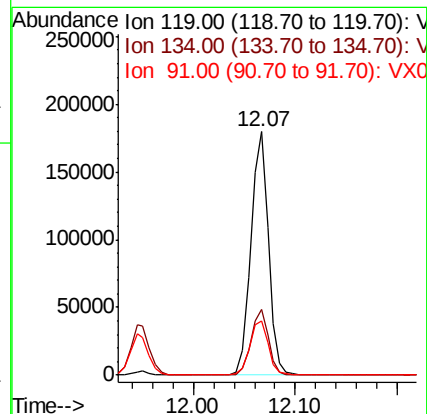
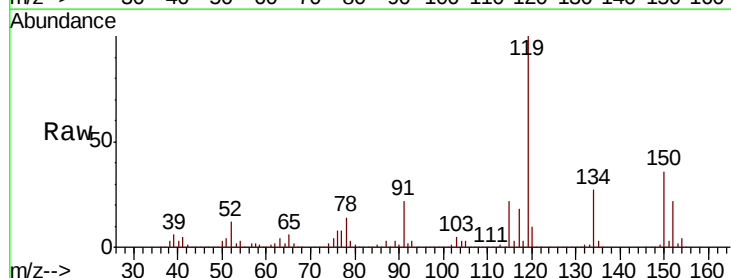
Tgt Ion:119 Resp: 213825

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.2 11.5 34.4





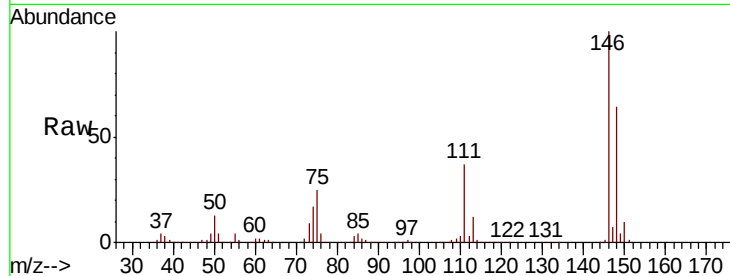
#87
 1,3-Dichlorobenzene
 Concen: 19.681 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

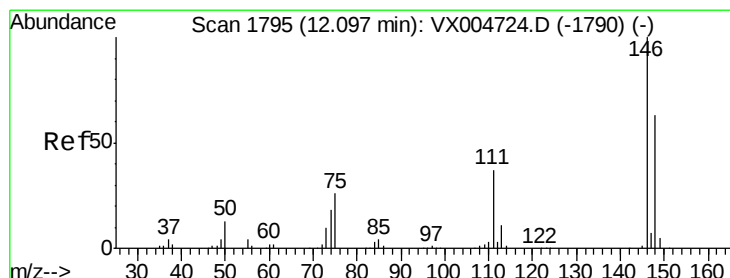
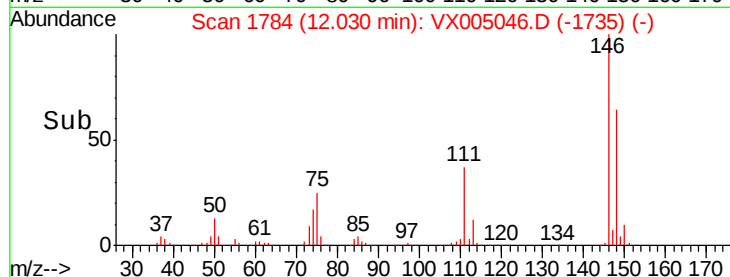
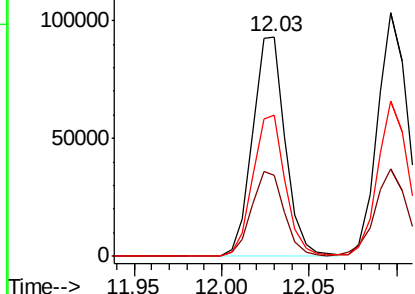
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.4	31.8	95.3

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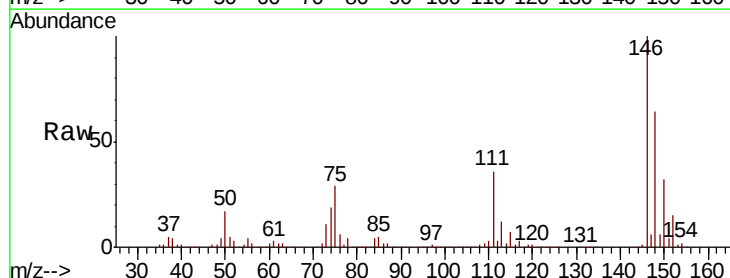


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

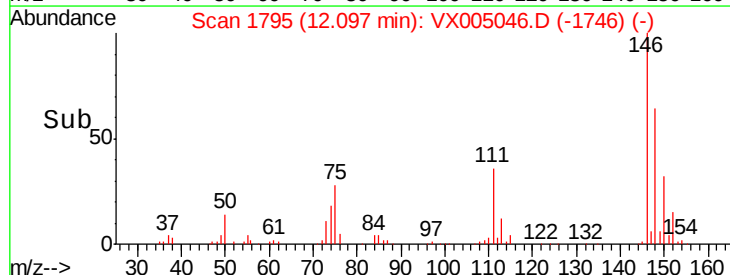
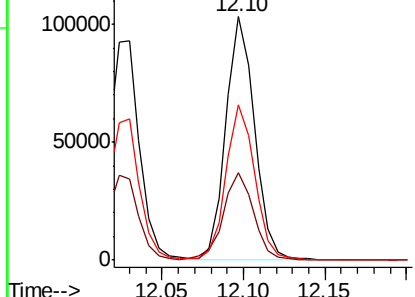


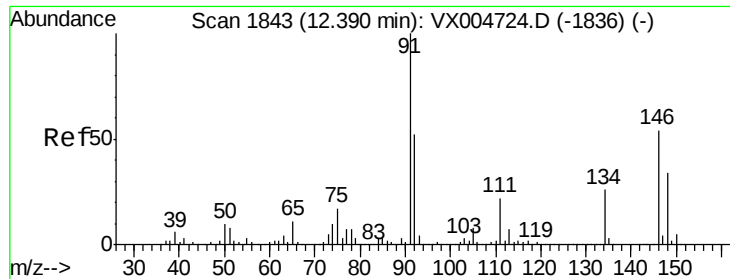
#88
 1,4-Dichlorobenzene
 Concen: 19.757 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.2
148	64.3	32.0	96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





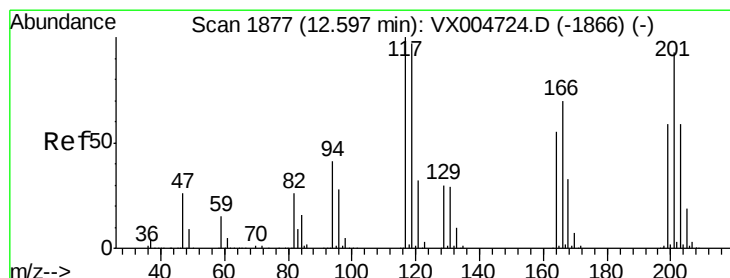
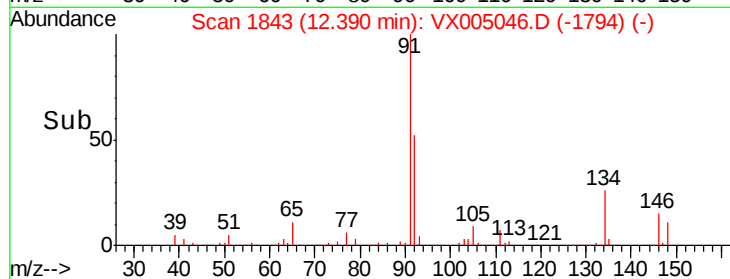
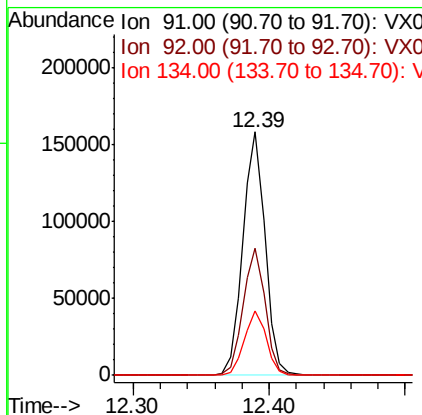
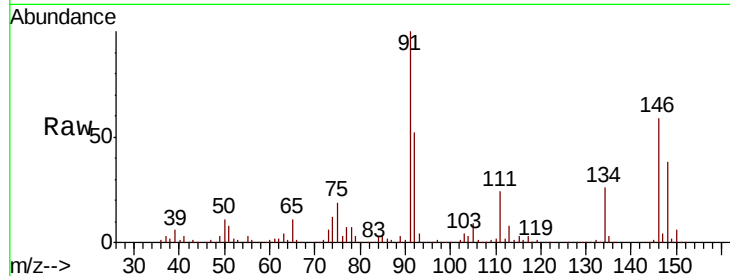
#89
n-Butylbenzene
Concen: 19.176 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	26.1	13.2	39.6

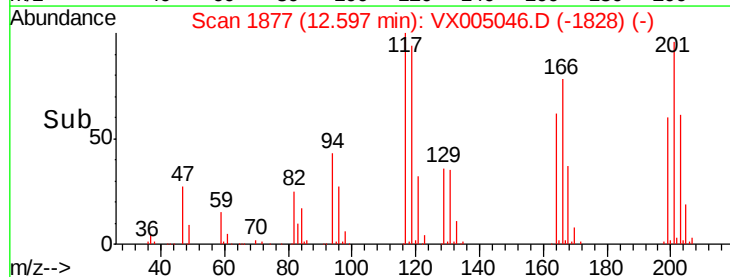
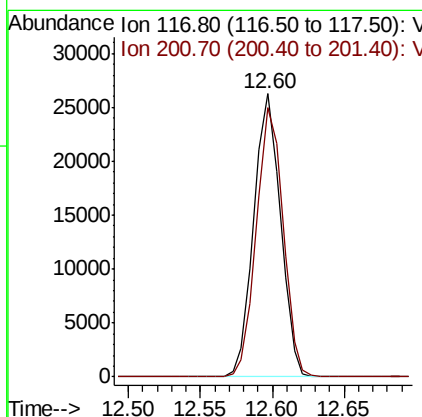
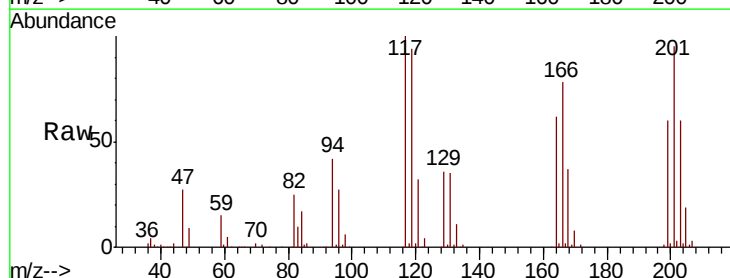
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#90
Hexachloroethane
Concen: 19.441 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.3	48.4	145.0





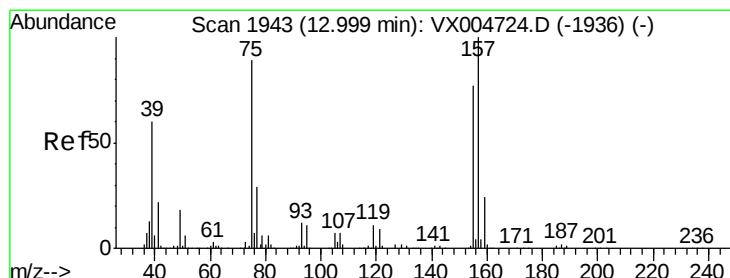
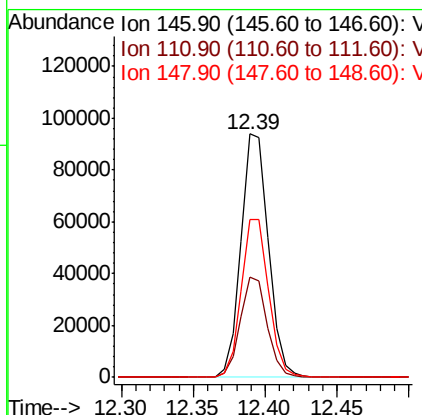
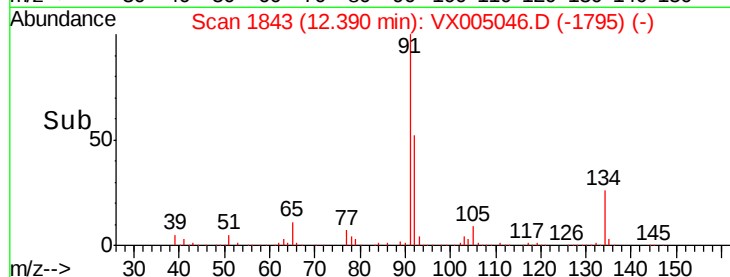
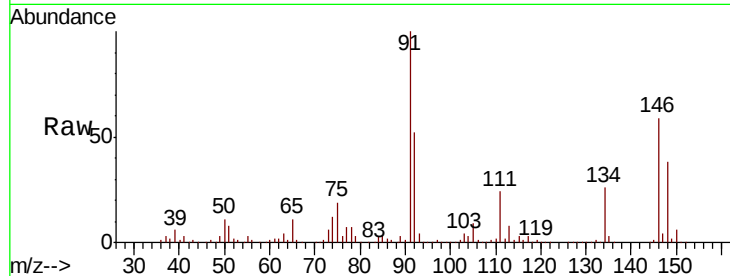
#91
 1,2-Dichlorobenzene
 Concen: 19.191 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	64.8	31.8	95.4

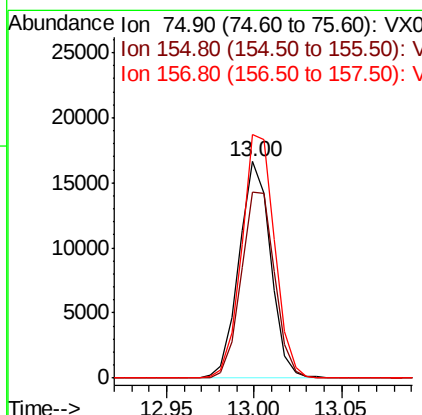
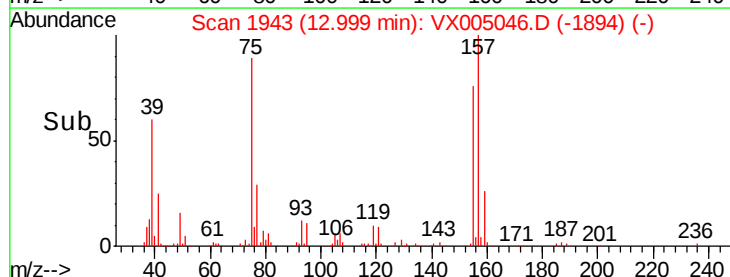
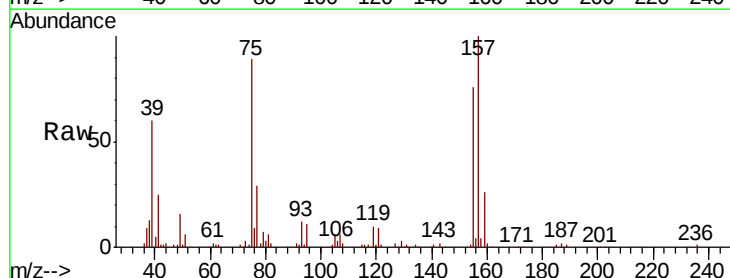
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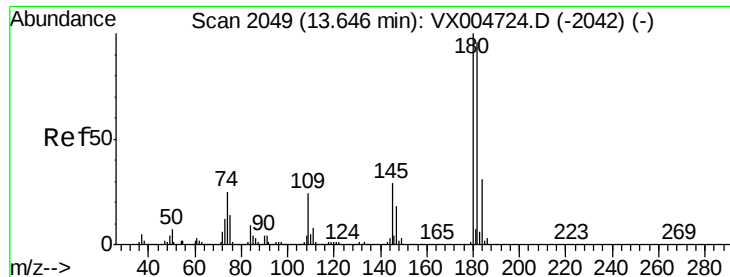
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.387 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005046.D
 Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	46.1	138.3
157	117.4	60.2	180.6





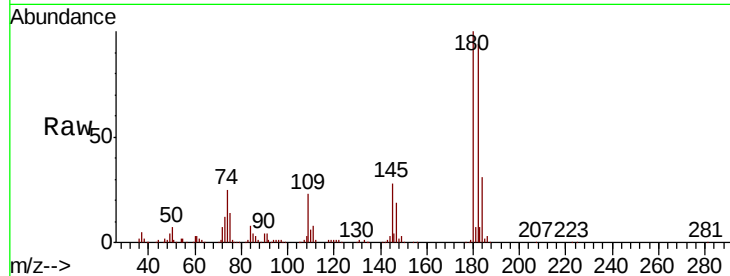
#93
1,2,4-Trichlorobenzene
Concen: 19.624 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.8	143.4	
145	28.0	14.1	42.4	

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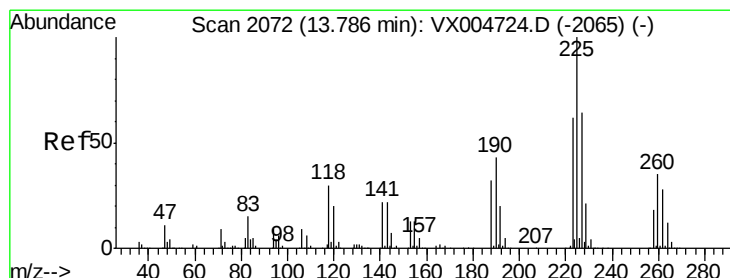
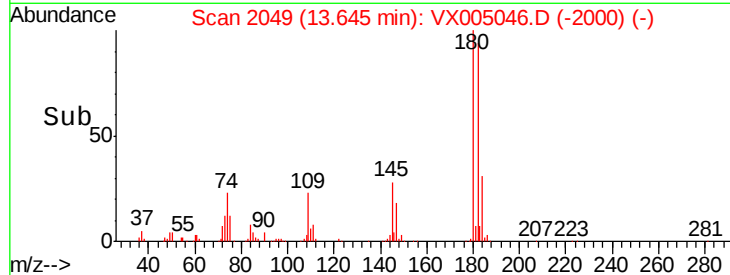
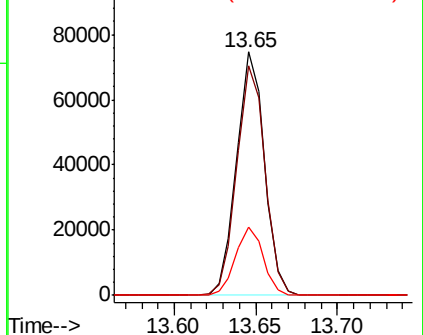


Abundance

Ion 179.80 (179.50 to 180.50): V

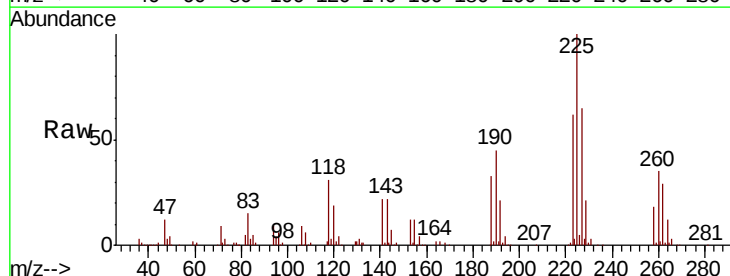
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 17.504 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	31.3	93.8	
227	64.9	31.9	95.5	

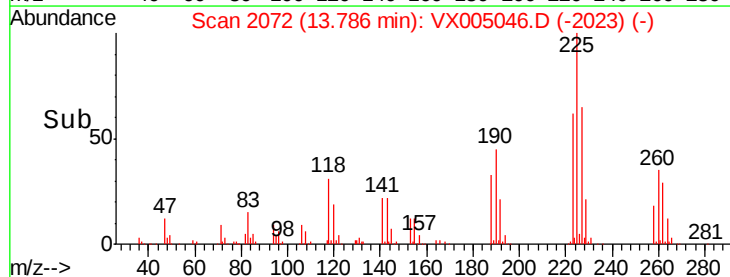
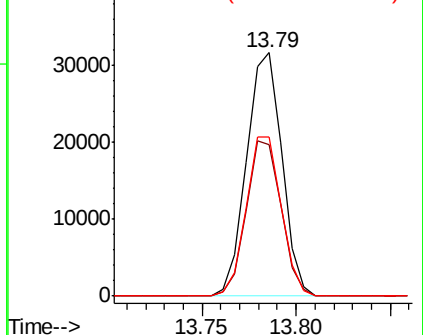


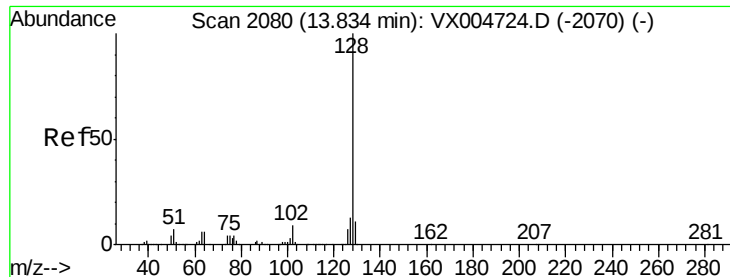
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





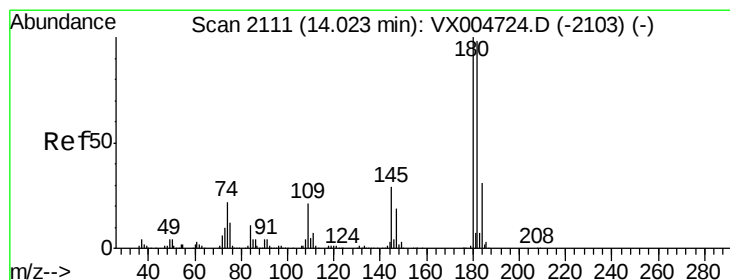
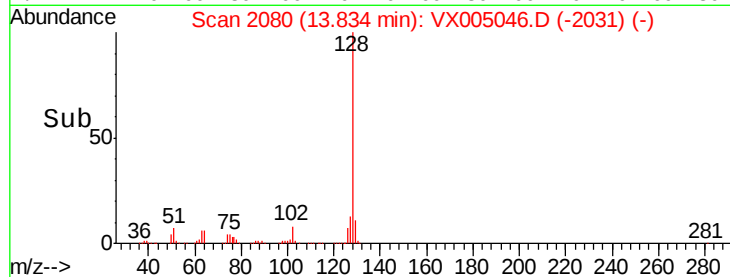
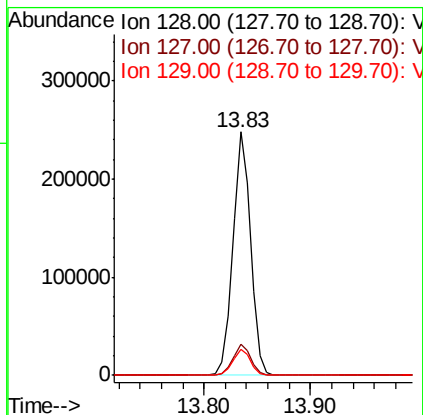
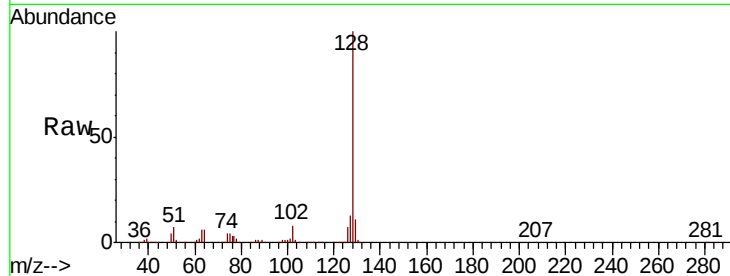
#95
Naphthalene
Concen: 19.706 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD04

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 19.966 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005046.D
Acq: 05 Oct 2018 04:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.8
145	29.6	15.0	45.0

