

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004926.D
 Acq On : 02 Oct 2018 18:34
 Operator : JC/MD
 Sample : VX1003WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Manual Integrations
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sam
 10/3/2018 5:56:40 PM

Quant Time: Oct 03 05:31:10 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	158909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150043	66.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.20%	
35) Dibromofluoromethane	5.50	113	118119	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	418081	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.14	95	157235	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36806	16.987	ug/l	97
3) Chloromethane	1.32	50	60426	22.987	ug/l	100
4) Vinyl Chloride	1.40	62	51517	20.895	ug/l	98
5) Bromomethane	1.64	94	31790	21.744	ug/l	93
6) Chloroethane	1.71	64	34519	24.504	ug/l	97
7) Trichlorofluoromethane	1.92	101	57527	18.848	ug/l	96
8) Diethyl Ether	2.19	74	36051	27.188	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29268	16.834	ug/l	98
10) Methyl Iodide	2.51	142	32674	14.044	ug/l	91
11) Tert butyl alcohol	3.08	59	100477	158.302	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35770	20.774	ug/l	93
13) Acrolein	2.29	56	33416	73.995	ug/l	93
14) Allyl chloride	2.72	41	99206	26.406	ug/l	97
15) Acrylonitrile	3.15	53	215720	154.388	ug/l	97
16) Acetone	2.45	43	197289	148.866	ug/l	94
17) Carbon Disulfide	2.56	76	99603	19.251	ug/l	99
18) Methyl Acetate	2.78	43	122122	36.370	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	177421	29.873	ug/l	96
20) Methylene Chloride	2.85	84	54978	28.165	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	43774	23.224	ug/l	86
22) Diisopropyl ether	3.87	45	172197	27.219	ug/l	96
23) Vinyl Acetate	3.82	43	815882	140.892	ug/l	98
24) 1,1-Dichloroethane	3.70	63	95758	25.375	ug/l	99
25) 2-Butanone	4.71	43	288753	147.813	ug/l	95
26) 2,2-Dichloropropane	4.58	77	58906	22.416	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	51545	24.480	ug/l	94
28) Bromochloromethane	5.02	49	44159	24.849	ug/l	96
29) Tetrahydrofuran	5.16	42	188047	154.877	ug/l	98
30) Chloroform	5.21	83	90155	25.278	ug/l	97
31) Cyclohexane	5.57	56	51272	17.752	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	63569	21.825	ug/l	96
36) 1,1-Dichloropropene	5.80	75	51090	15.482	ug/l	95
37) Ethyl Acetate	4.86	43	100977	23.052	ug/l	98
38) Carbon Tetrachloride	5.78	117	50733	14.626	ug/l	95

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Manual Integrations
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 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	44114	13.092	ug/l	89
40) Benzene	6.14	78	194221	18.800	ug/l	95
41) Methacrylonitrile	5.06	41	55221	22.732	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76191	20.862	ug/l	98
43) Isopropyl Acetate	6.47	43	141804	22.429	ug/l	97
44) Trichloroethene	7.21	130	47456	18.686	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54162	21.378	ug/l	96
46) Dibromomethane	7.66	93	36947	23.205	ug/l	98
47) Bromodichloromethane	7.90	83	68484	22.973	ug/l	98
48) Methyl methacrylate	7.78	41	72854	25.388	ug/l	98
49) 1,4-Dioxane	7.76	88	36651	514.096	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	524686	131.803	ug/l	99
52) Toluene	8.79	92	119154	20.990	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74256	22.043	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	81800	23.183	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	55919	22.488	ug/l	93
56) Ethyl methacrylate	9.18	69	84623	22.634	ug/l	99
57) 1,3-Dichloropropane	9.37	76	94083	22.734	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	238084	119.033	ug/l	99
59) 2-Hexanone	9.50	43	419122	126.345	ug/l	94
60) Dibromochloromethane	9.59	129	55102	22.158	ug/l	97
61) 1,2-Dibromoethane	9.67	107	58353	21.912	ug/l	96
64) Tetrachloroethene	9.34	164	43428	15.505	ug/l	96
65) Chlorobenzene	10.14	112	135928	18.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	51188	19.952	ug/l	98
67) Ethyl Benzene	10.26	91	208292	17.978	ug/l	95
68) m/p-Xylenes	10.36	106	166917	36.868	ug/l	96
69) o-Xylene	10.70	106	83331	20.039	ug/l	100
70) Styrene	10.71	104	143347	19.782	ug/l	99
71) Bromoform	10.86	173	44502	20.261	ug/l #	96
73) Isopropylbenzene	11.02	105	203083	19.315	ug/l	99
74) N-amyl acetate	10.90	43	122205	22.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94381	22.051	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	85323m	22.821	ug/l	
77) Bromobenzene	11.26	156	65012	21.288	ug/l	99
78) n-propylbenzene	11.36	91	229989	19.064	ug/l	98
79) 2-Chlorotoluene	11.42	91	158179	21.035	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	178160	18.362	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24471	19.129	ug/l	97
82) 4-Chlorotoluene	11.51	91	180182	20.357	ug/l	100
83) tert-Butylbenzene	11.77	119	164880	19.046	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	186974	18.690	ug/l	100
85) sec-Butylbenzene	11.94	105	184534	17.501	ug/l	100
86) p-Isopropyltoluene	12.07	119	169420	17.734	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	112650	19.754	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	114940	19.525	ug/l	99
89) n-Butylbenzene	12.39	91	137207	15.814	ug/l	100
90) Hexachloroethane	12.60	117	27193	17.096	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	117430	19.705	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21966	23.374	ug/l	98

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MSVOA_X
ClientSampleId :
VX1003WBSD01

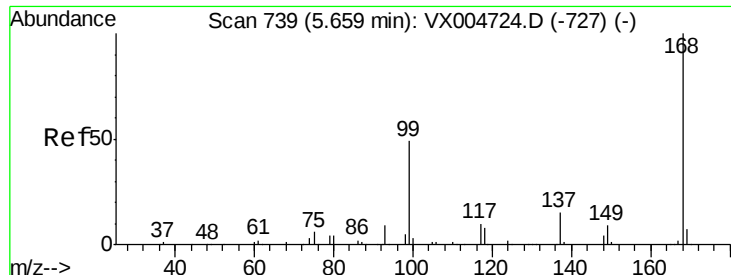
Manual Integrations
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Quant Time: Oct 03 05:31:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79706	19.066	ug/l	99
94) Hexachlorobutadiene	13.79	225	29576	13.643	ug/l	99
95) Naphthalene	13.83	128	280701	20.659	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86129	19.944	ug/l	99

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



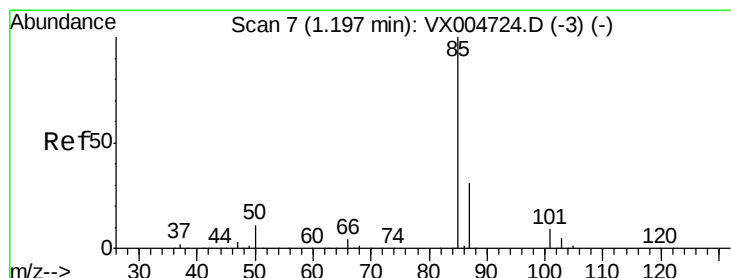
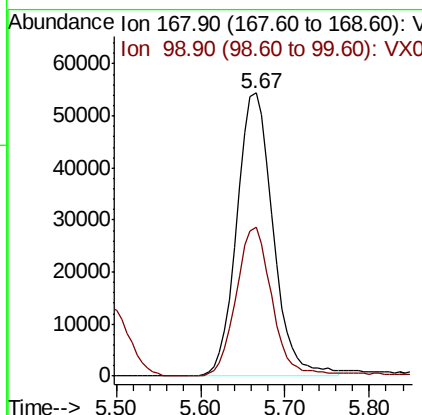
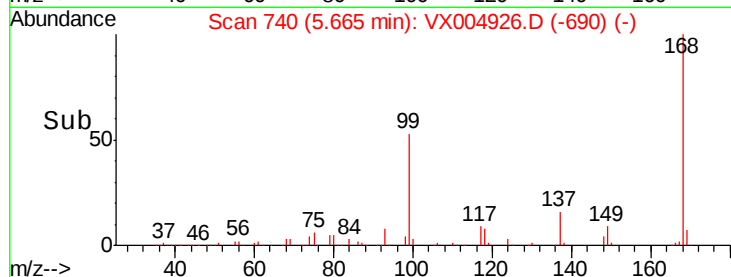
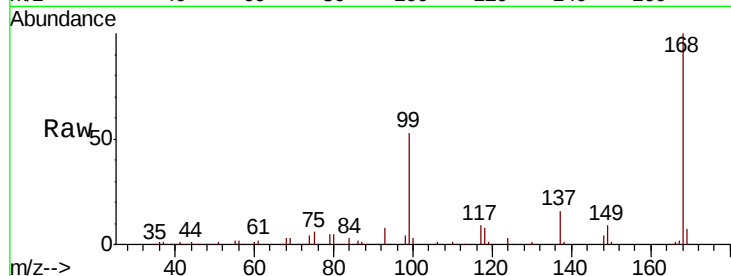
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.7	39.3	58.9

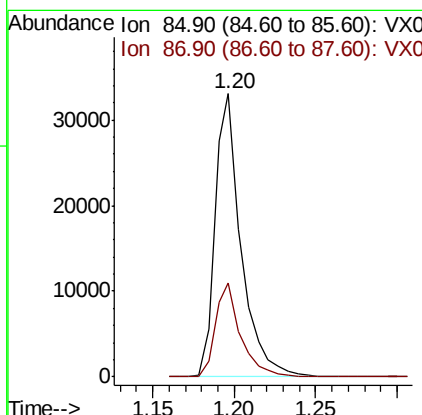
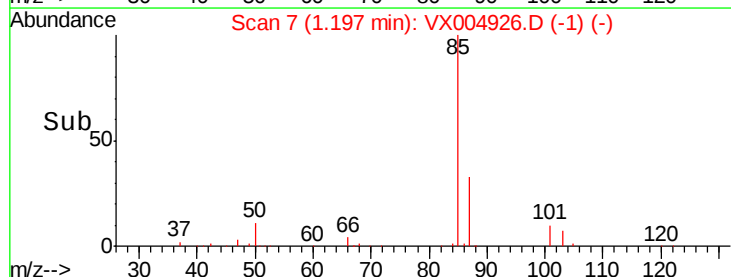
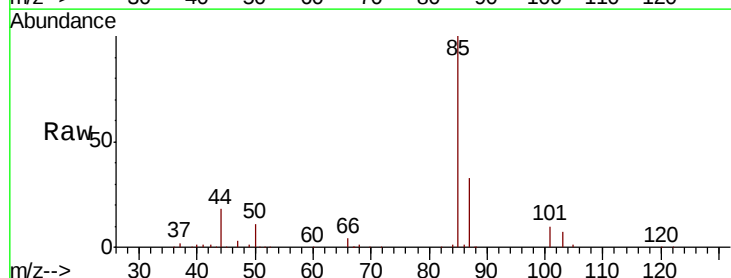
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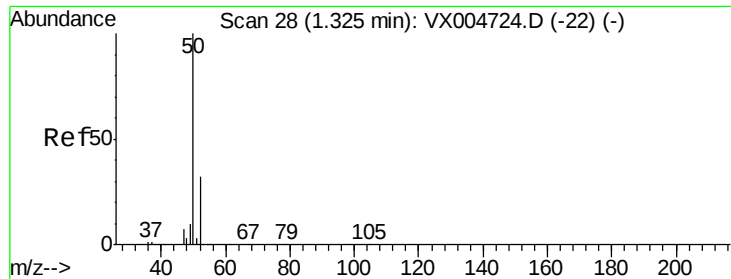
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#2
Dichlorodifluoromethane
Concen: 16.987 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.7	47.1





#3

Chloromethane

Concen: 22.987 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion: 50 Resp: 60426

Ion Ratio Lower Upper

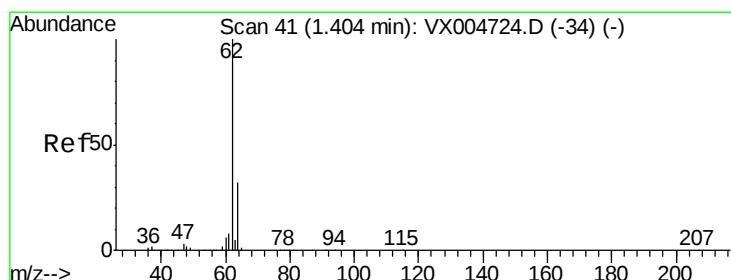
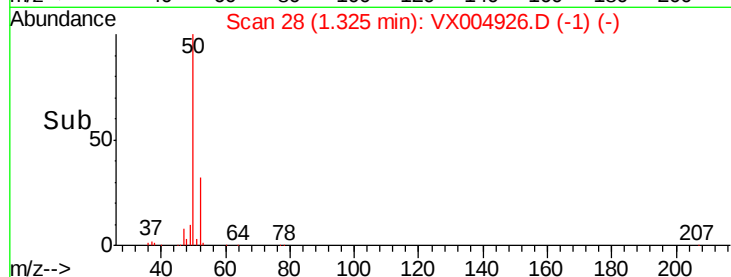
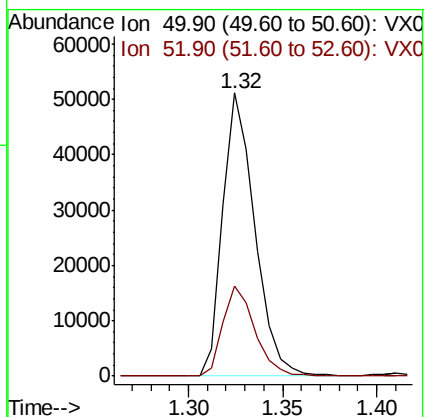
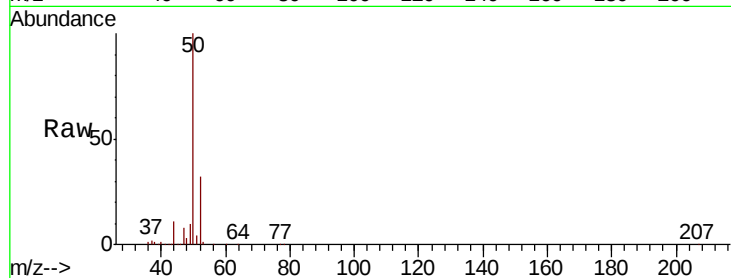
50 100

52 32.1 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.895 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004926.D

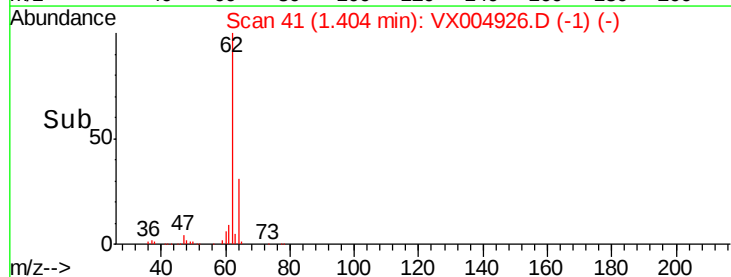
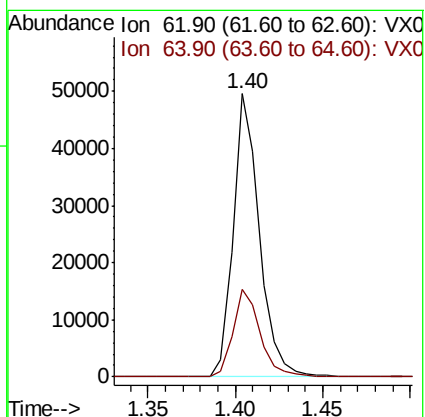
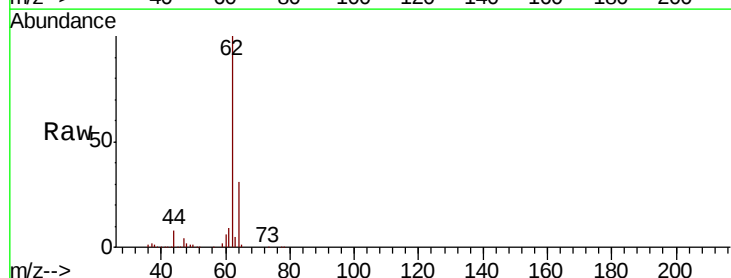
Acq: 02 Oct 2018 18:34

Tgt Ion: 62 Resp: 51517

Ion Ratio Lower Upper

62 100

64 30.6 25.5 38.3





#5

Bromomethane

Concen: 21.744 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

Tot Ion: 94 Resp: 31790

Ion Ratio Lower Upper

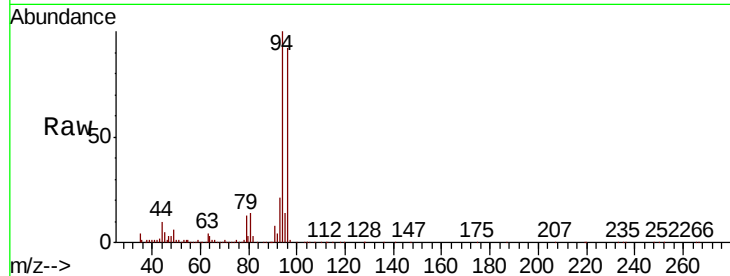
94 100

96 92.3 79.5 119.3

Manual Integrations
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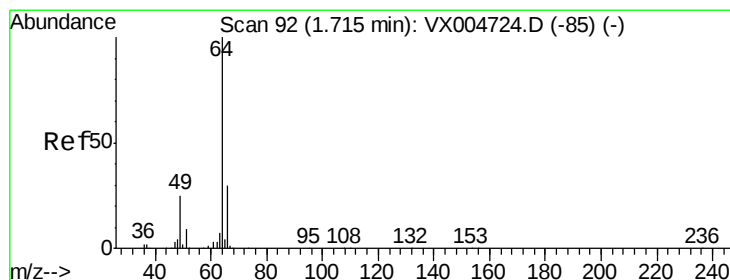
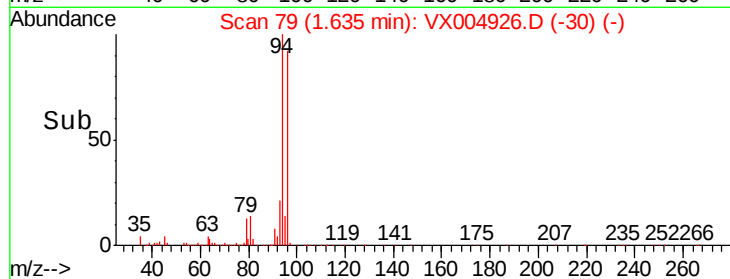
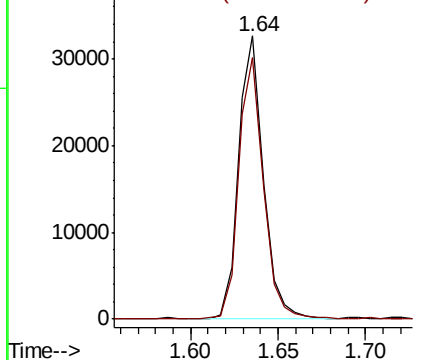
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.504 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004926.D

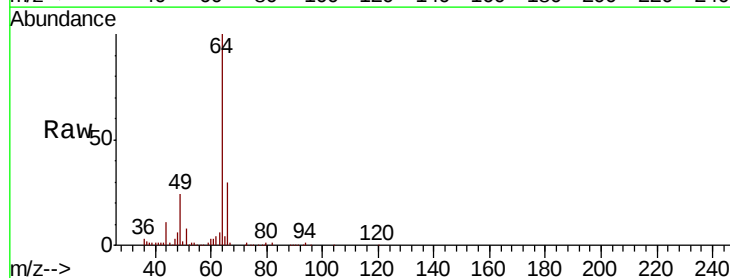
Acq: 02 Oct 2018 18:34

Tgt Ion: 64 Resp: 34519

Ion Ratio Lower Upper

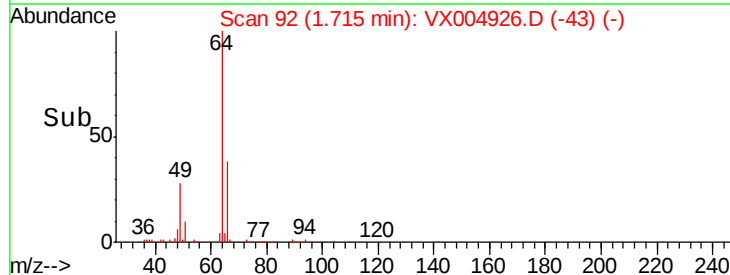
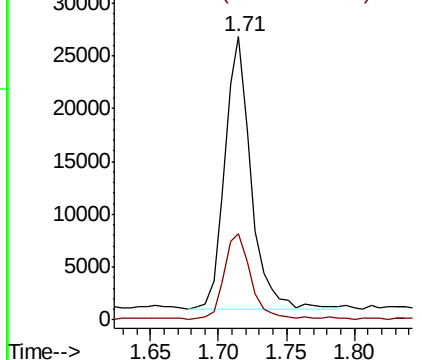
64 100

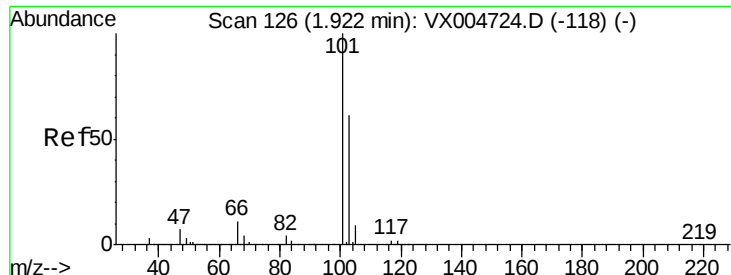
66 31.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

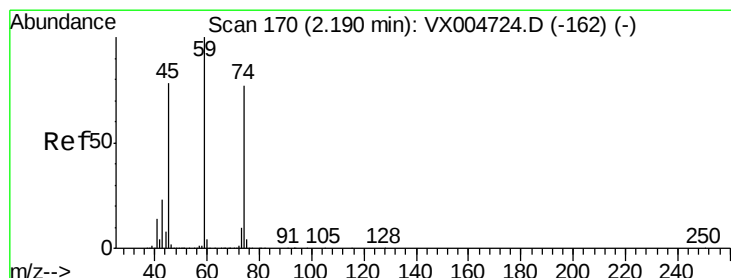
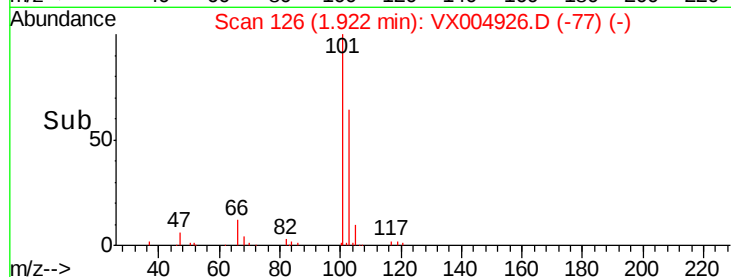
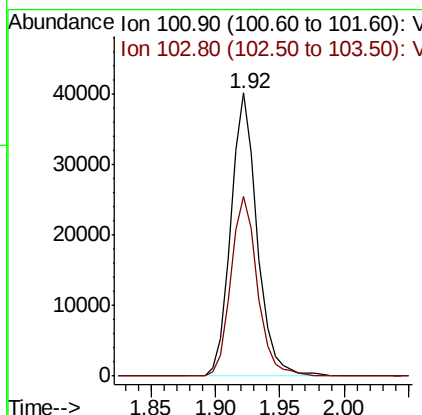
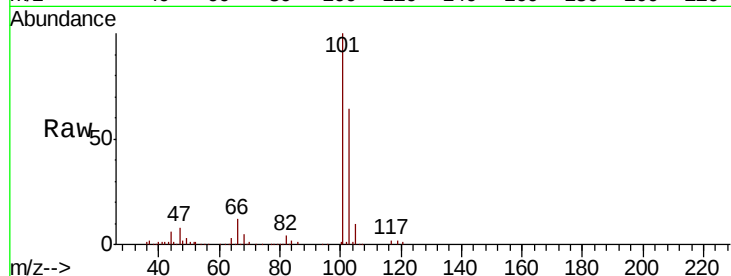
Trichlorofluoromethane
Concen: 18.848 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

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ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	48.4	72.6

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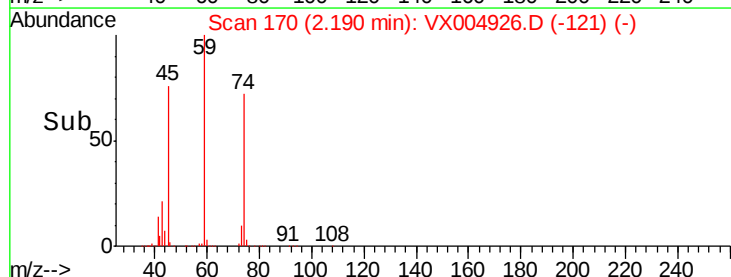
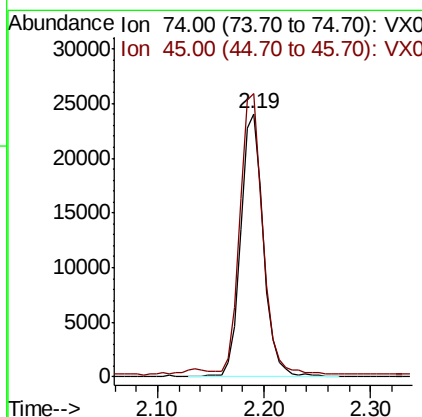
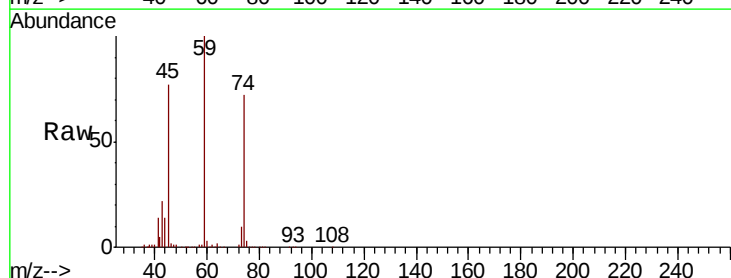
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#8

Diethyl Ether
Concen: 27.188 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.834 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

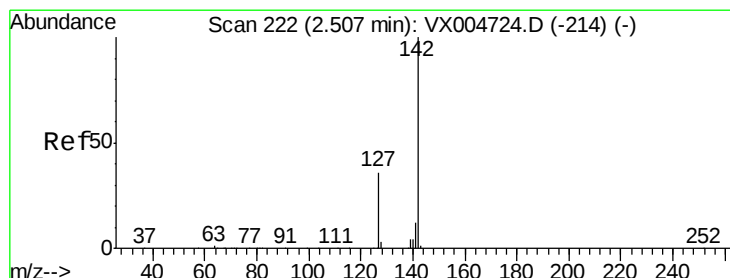
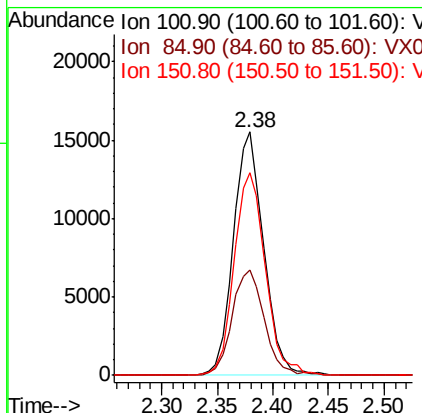
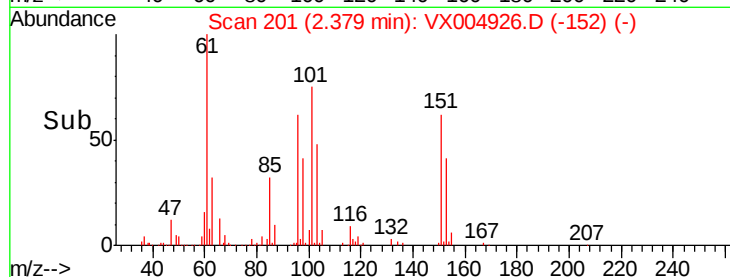
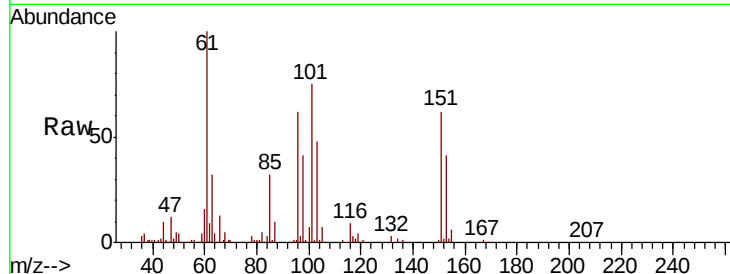
ClientSampleId :

VX1003WBSD01

Tot Ion:	101	Resp:	29268
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.9	53.9
151	85.9	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 14.044 ug/l

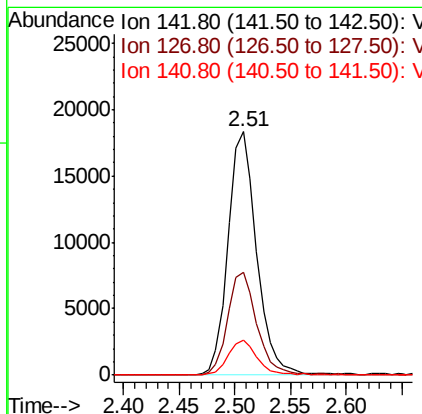
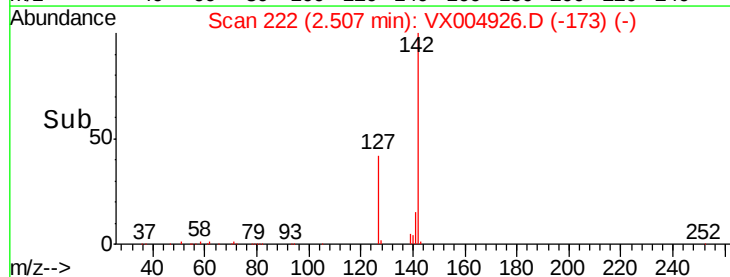
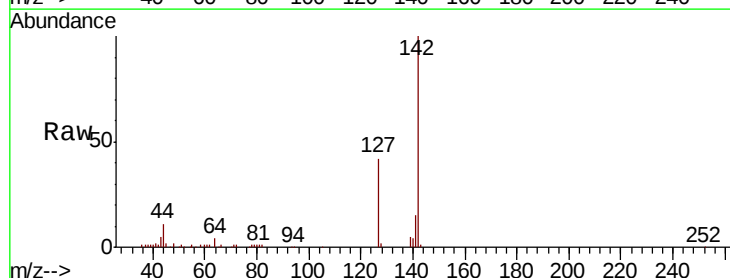
RT: 2.51 min Scan# 222

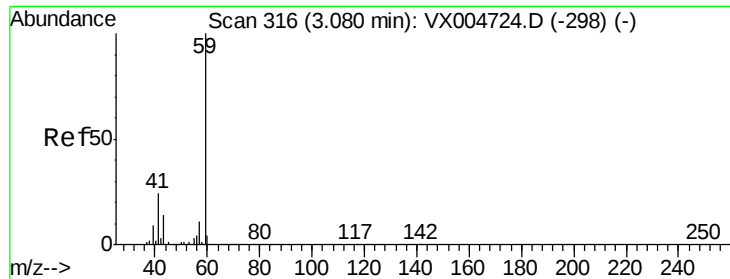
Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion:	142	Resp:	32674
Ion Ratio	Lower	Upper	
142	100		
127	43.5	30.1	45.1
141	14.6	10.1	15.1





#11

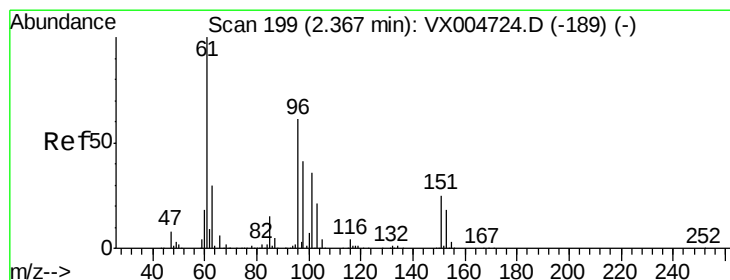
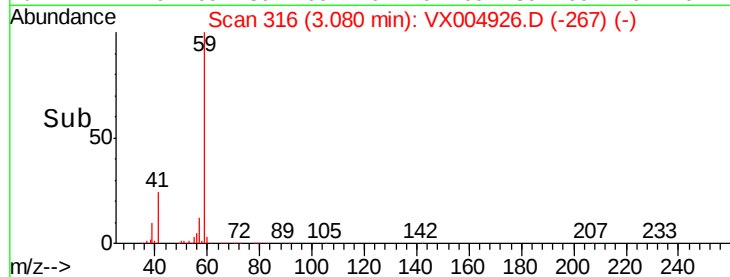
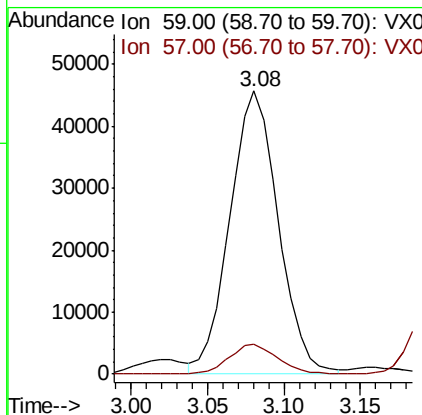
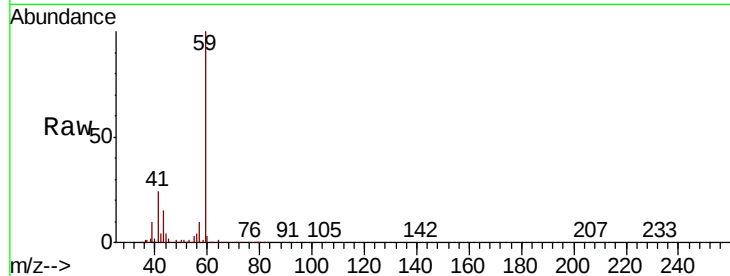
Tert butyl alcohol
 Concen: 158.302 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8

Manual Integrations
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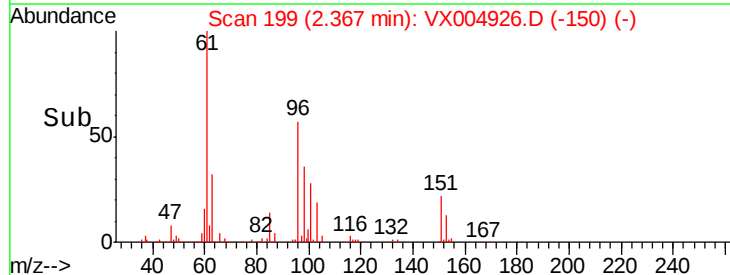
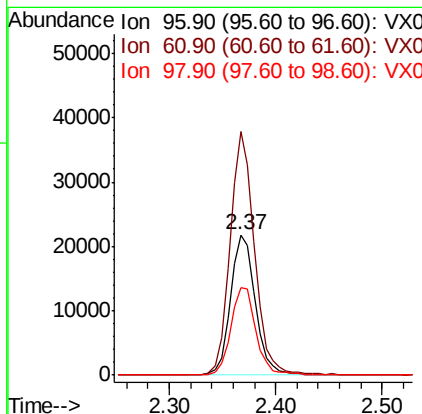
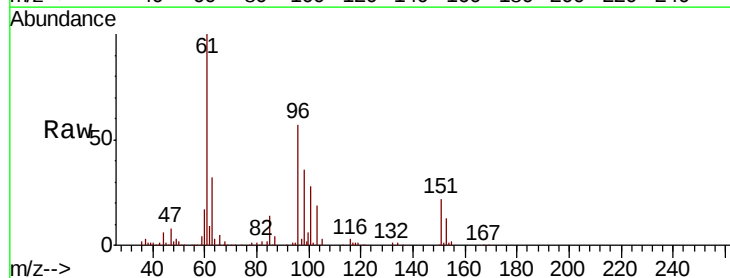
sam
 10/3/2018 5:56:40 PM



#12

1,1-Dichloroethene
 Concen: 20.774 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.0	130.2	195.4
98	62.7	53.4	80.0





#13

Acrolein

Concen: 73.995 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion: 56 Resp: 33416

Ion Ratio Lower Upper

56 100

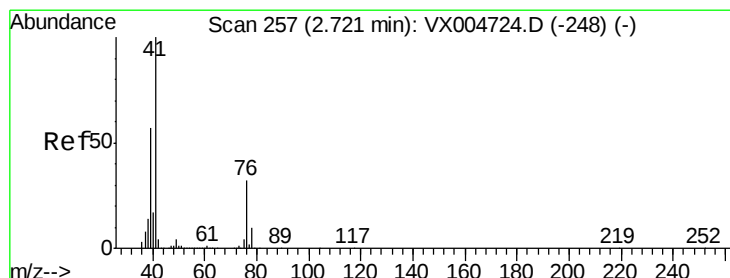
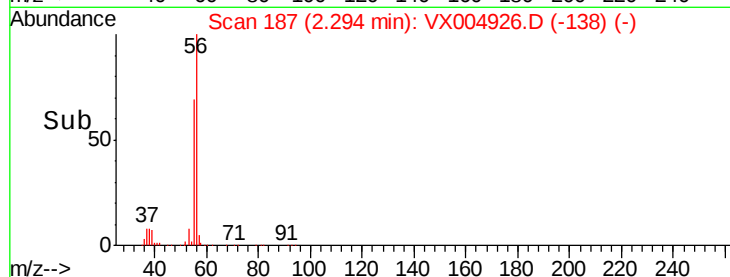
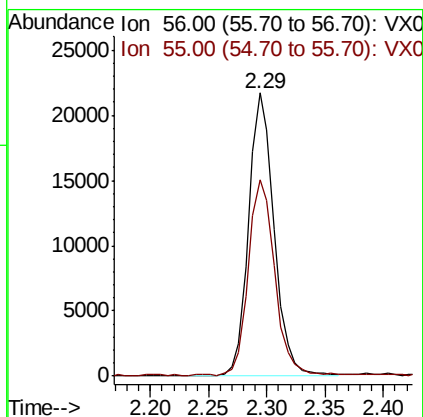
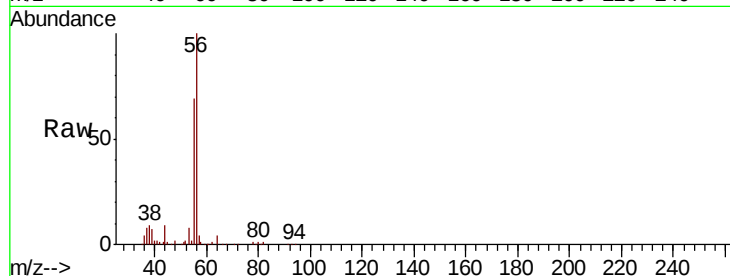
55 72.9 63.4 95.2

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 26.406 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

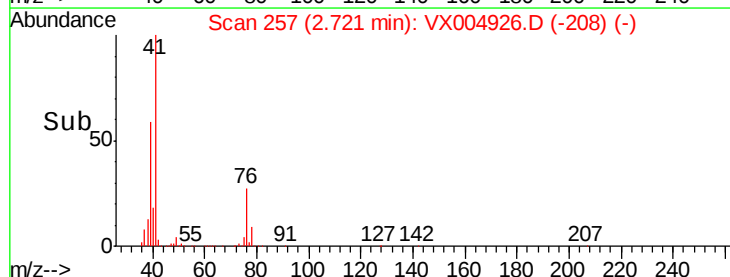
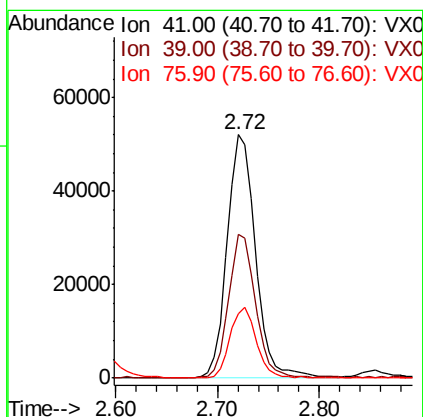
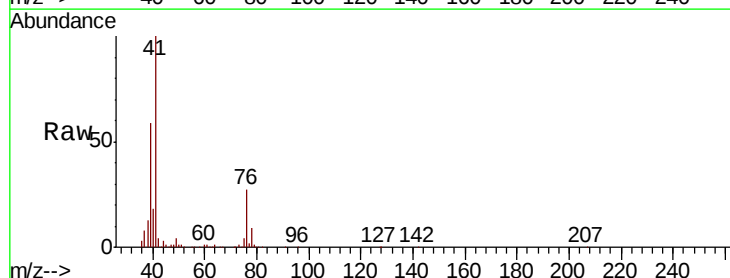
Tgt Ion: 41 Resp: 99206

Ion Ratio Lower Upper

41 100

39 55.7 44.1 66.1

76 27.5 25.0 37.4





#15

Acrylonitrile

Concen: 154.388 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

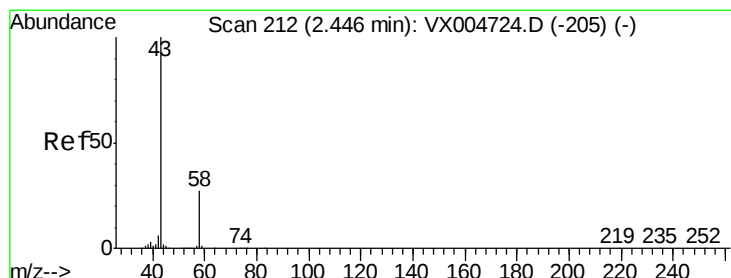
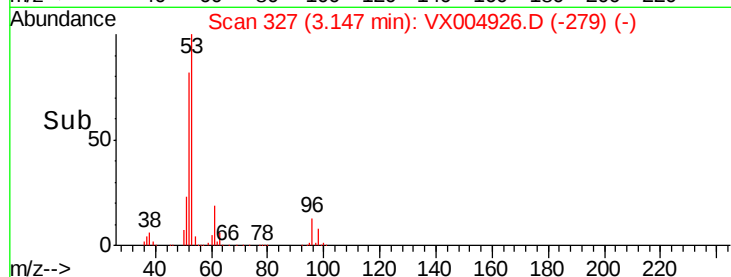
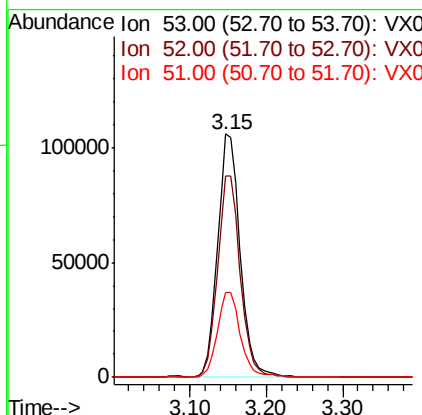
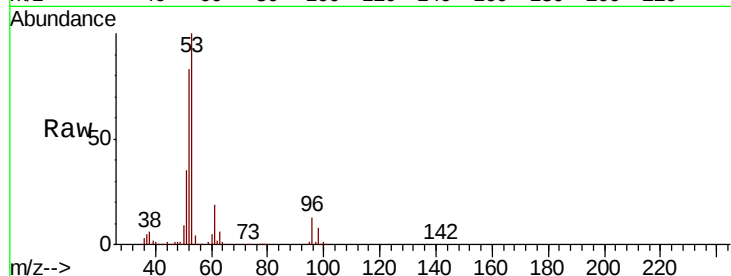
ClientSampleId :

VX1003WBSD01

Tot Ion:	53	Resp:	215720
Ion	Ratio	Lower	Upper
53	100		
52	82.7	63.0	94.4
51	35.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 148.866 ug/l

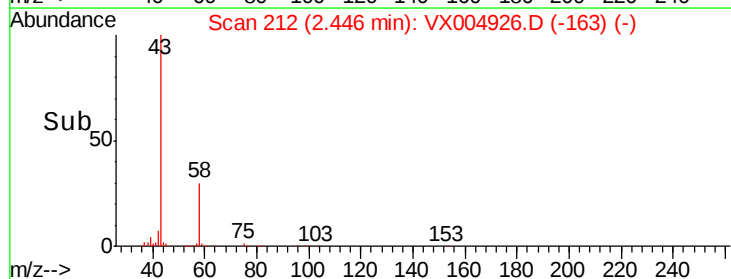
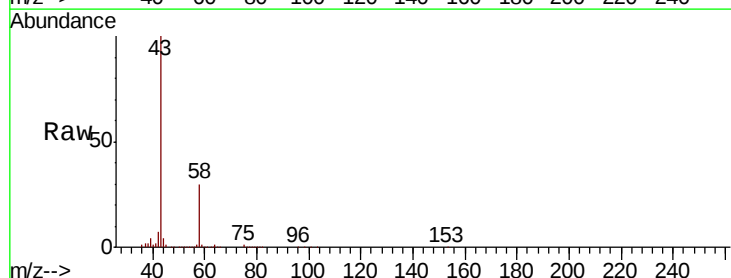
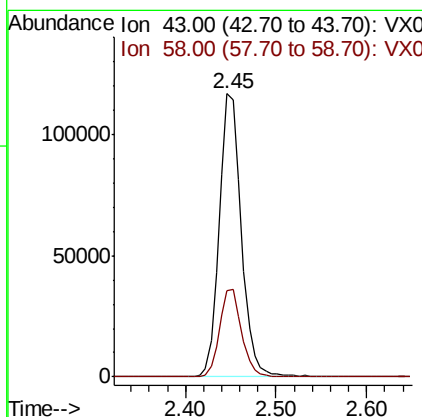
RT: 2.45 min Scan# 212

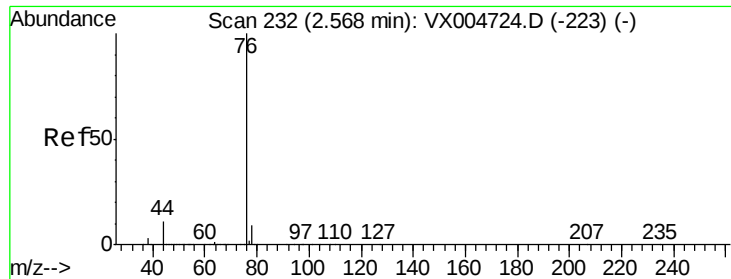
Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion:	43	Resp:	197289
Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.8	32.6





#17

Carbon Disulfide

Concen: 19.251 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion: 76 Resp: 99603

Ion Ratio Lower Upper

76 100

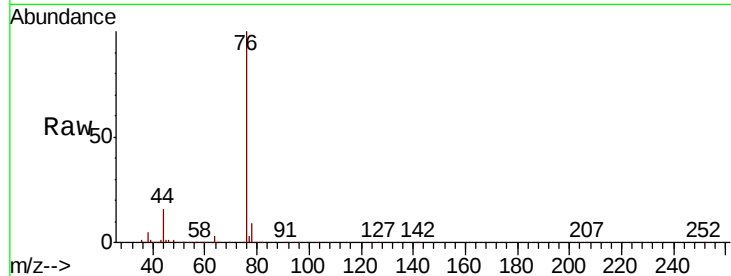
78 9.2 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX004724.D (-223) (-)

Ion 77.90 (77.60 to 78.60): VX004724.D (-223) (-)

2.56

60000

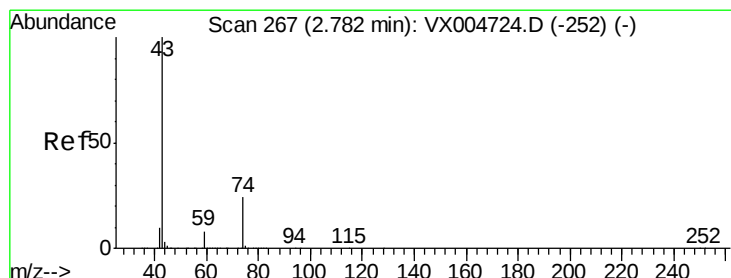
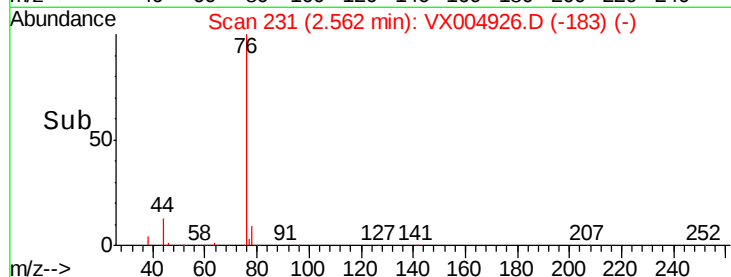
40000

20000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 36.370 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX004926.D

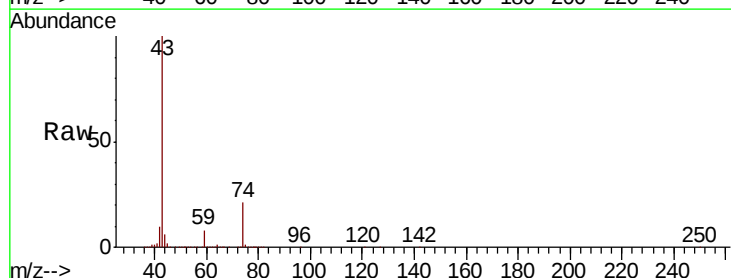
Acq: 02 Oct 2018 18:34

Tgt Ion: 43 Resp: 122122

Ion Ratio Lower Upper

43 100

74 20.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-252) (-)

Ion 74.00 (73.70 to 74.70): VX004724.D (-252) (-)

2.78

60000

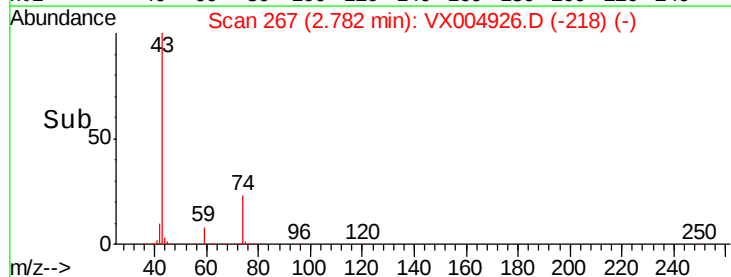
40000

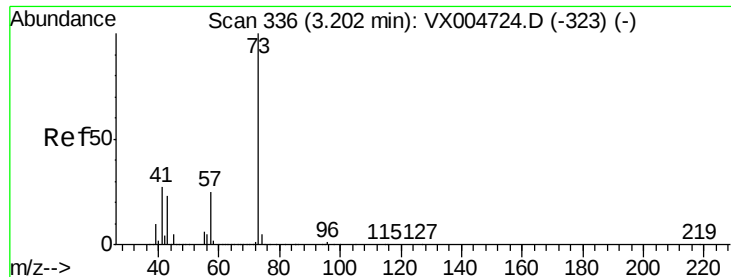
20000

0

2.70 2.80 2.90

Time-->





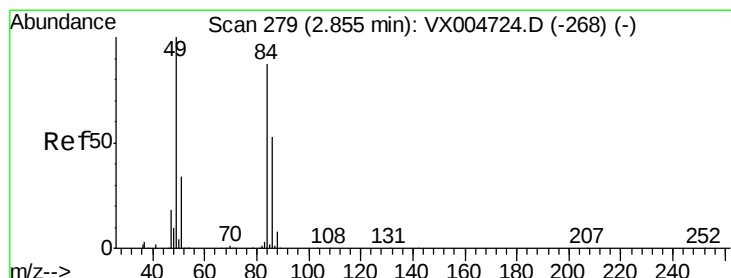
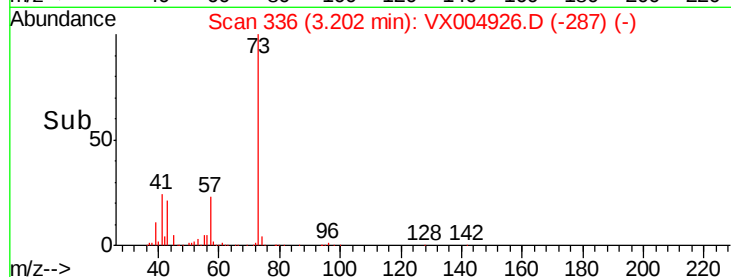
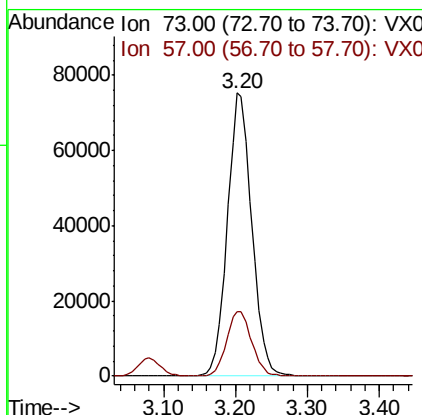
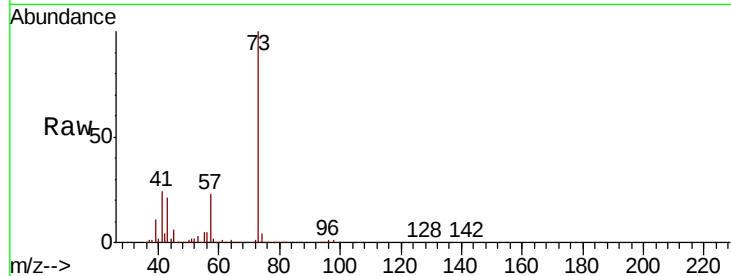
#19
Methvl tert-butvl Ether
Concen: 29.873 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	19.9	29.9

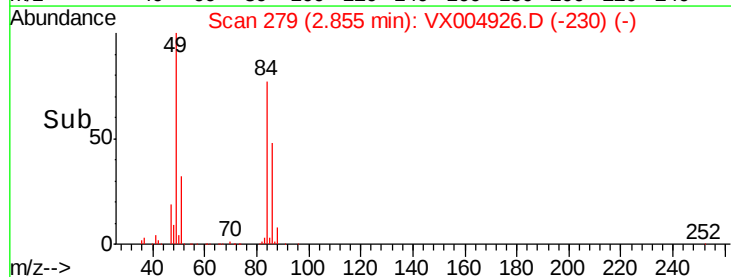
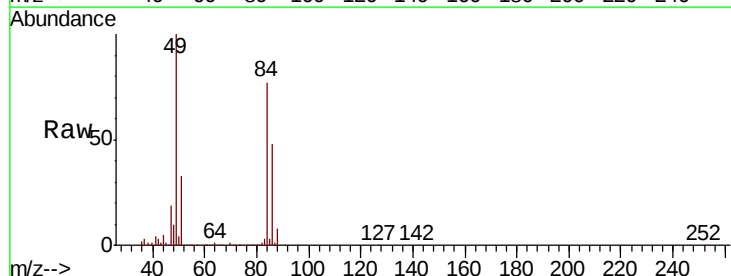
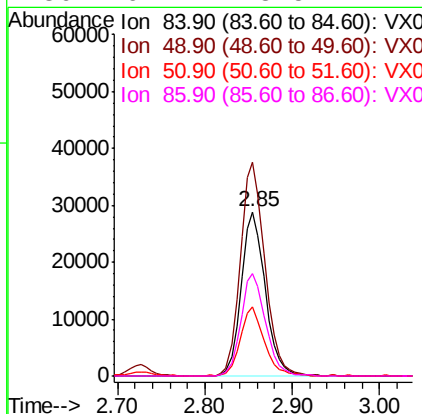
Manual Integrations
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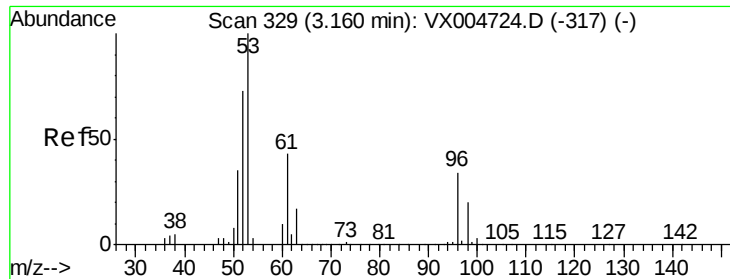
sam
10/3/2018 5:56:40 PM



#20
Methylene Chloride
Concen: 28.165 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.7	92.3	138.5
51	42.1	31.8	47.6
86	62.4	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 23.224 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

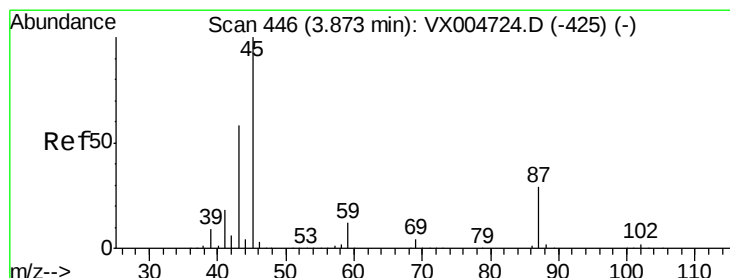
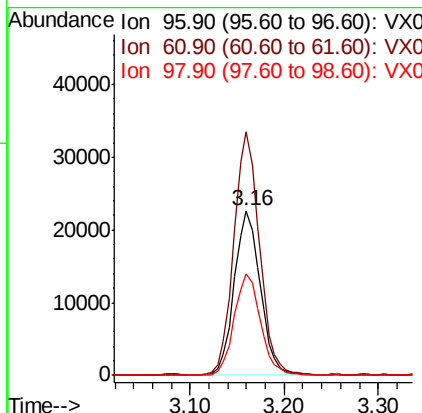
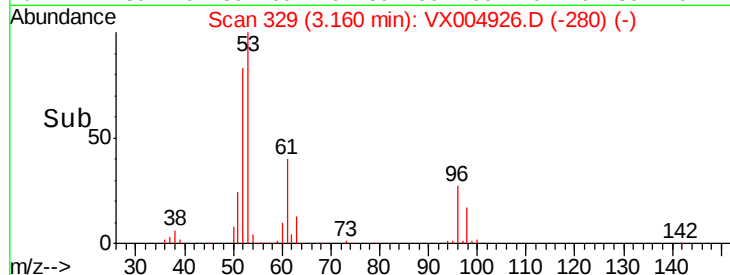
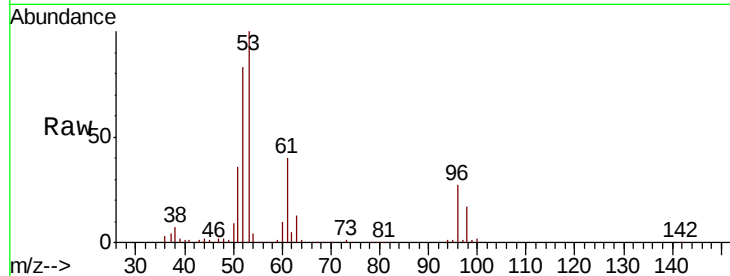
ClientSampleId :

VX1003WBSD01

Tot Ion:	96	Resp:	43774
Ion	Ratio	Lower	Upper
96	100		
61	147.1	101.0	151.6
98	61.6	47.2	70.8

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 27.219 ug/l

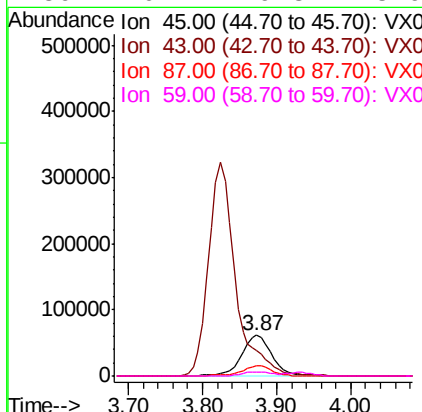
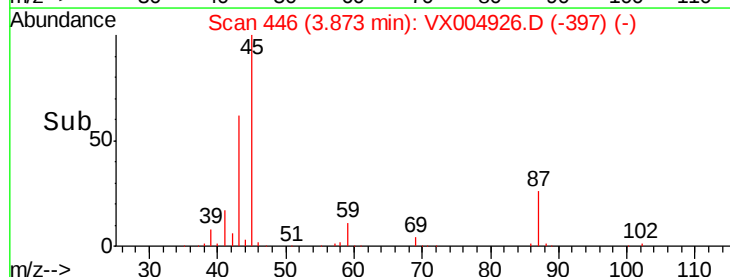
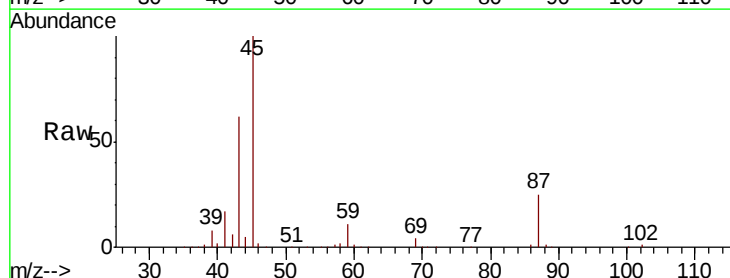
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion:	45	Resp:	172197
Ion	Ratio	Lower	Upper
45	100		
43	60.8	46.7	70.1
87	25.6	22.9	34.3
59	10.7	9.3	13.9





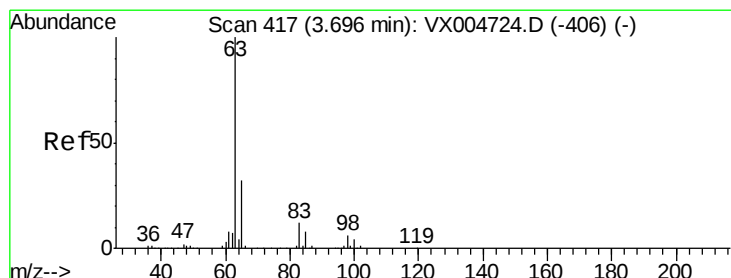
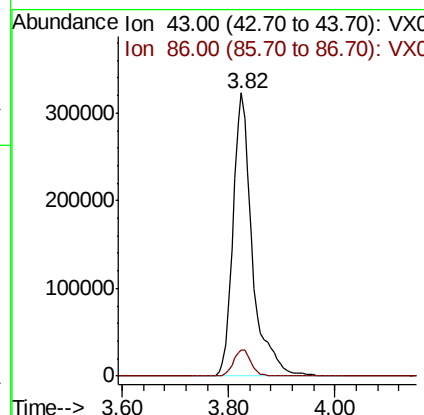
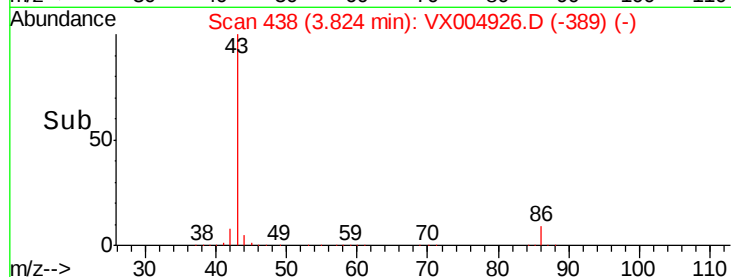
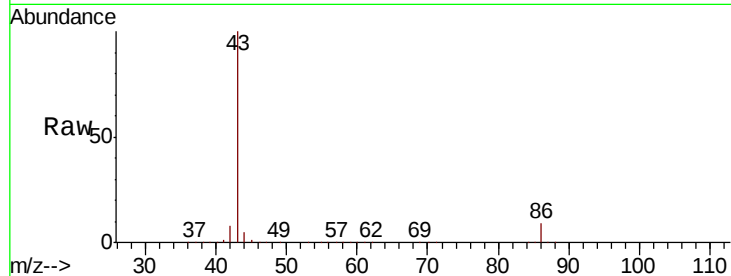
#23
 Vinyl Acetate
 Concen: 140.892 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.4	8.1	12.1

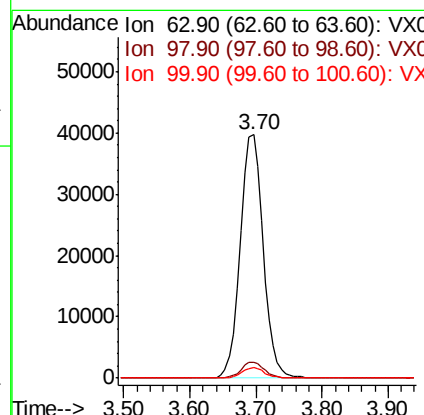
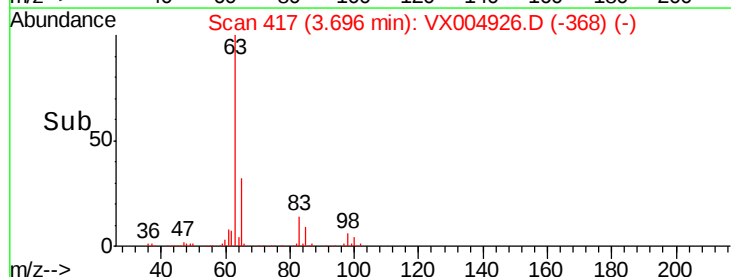
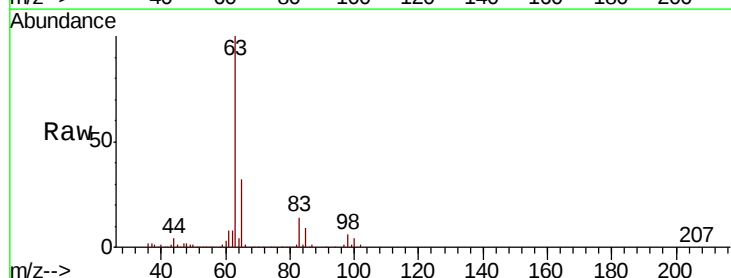
Manual Integrations
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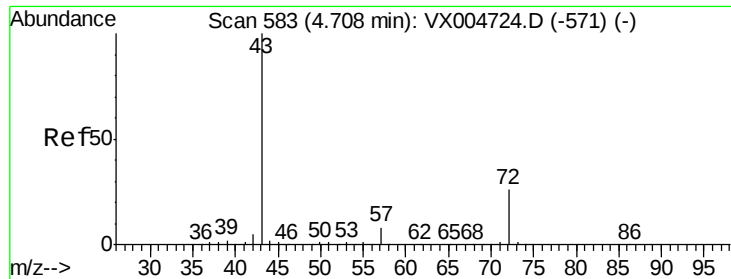
sam
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#24
 1,1-Dichloroethane
 Concen: 25.375 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.0	9.2
100	4.3	2.0	5.8





#25

2-Butanone

Concen: 147.813 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion: 43 Resp: 288753

Ion Ratio Lower Upper

43 100

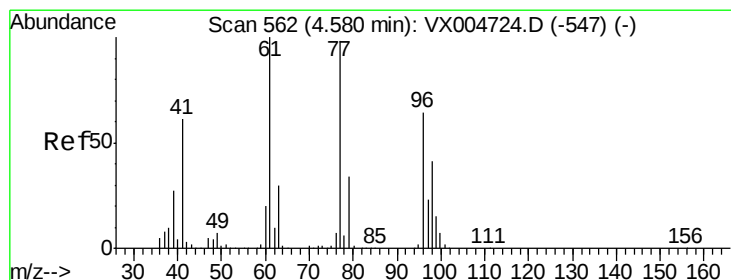
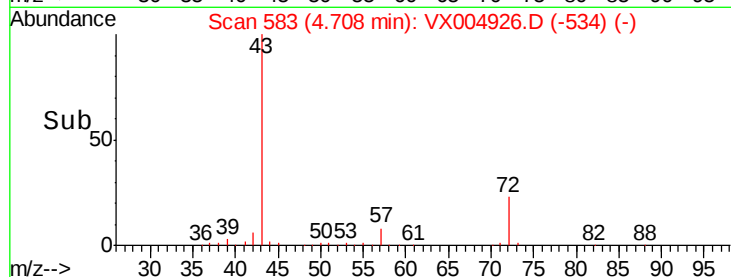
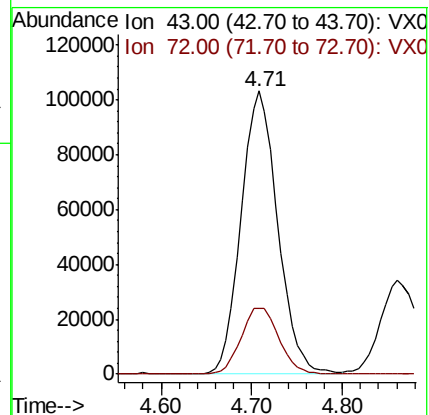
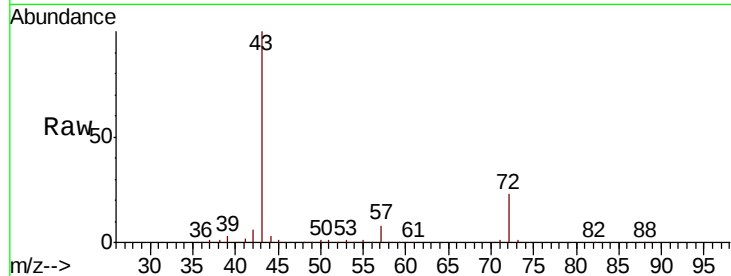
72 23.5 20.8 31.2

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 22.416 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004926.D

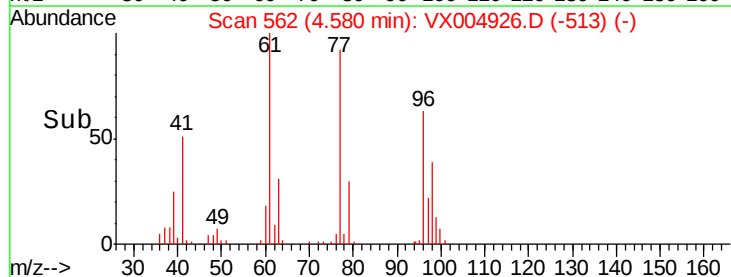
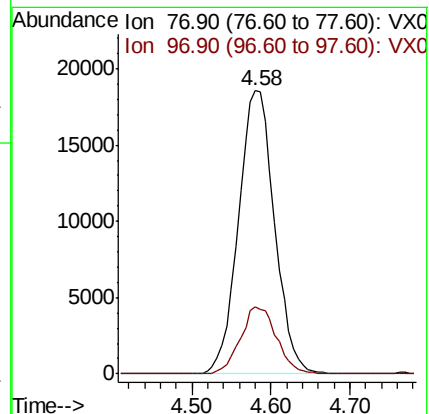
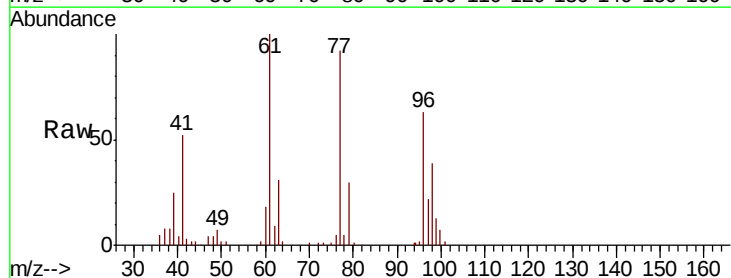
Acq: 02 Oct 2018 18:34

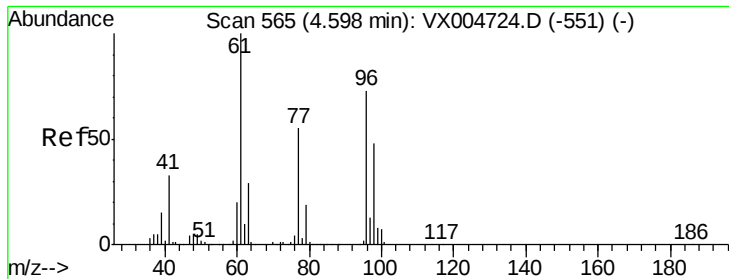
Tgt Ion: 77 Resp: 58906

Ion Ratio Lower Upper

77 100

97 23.8 12.6 37.8





#27

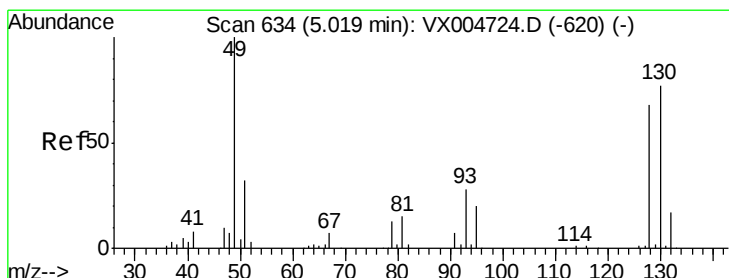
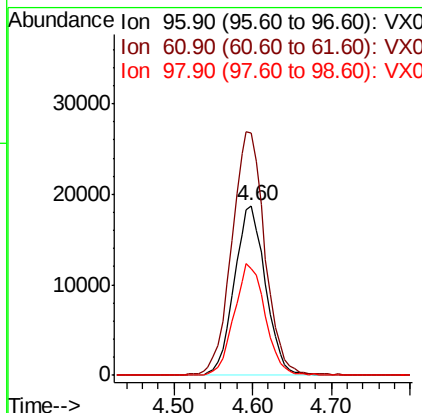
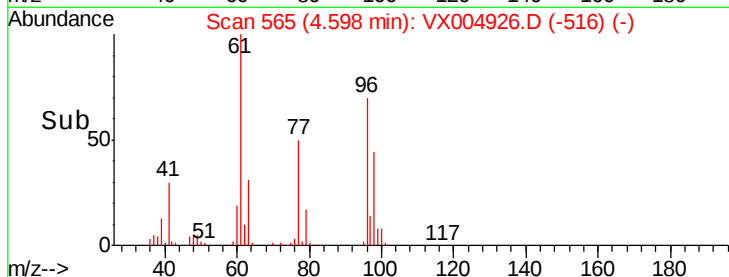
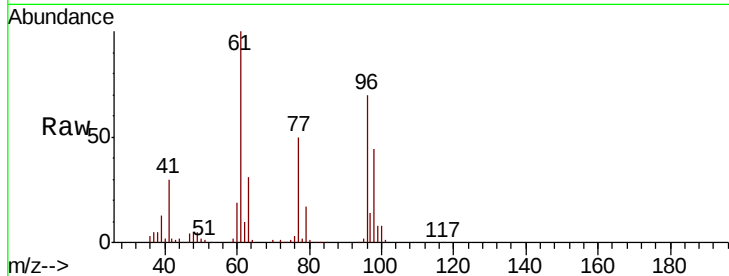
cis-1,2-Dichloroethene
Concen: 24.480 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampled :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	285.8
98	65.7	0.0	136.2

Manual Integrations
APPROVED

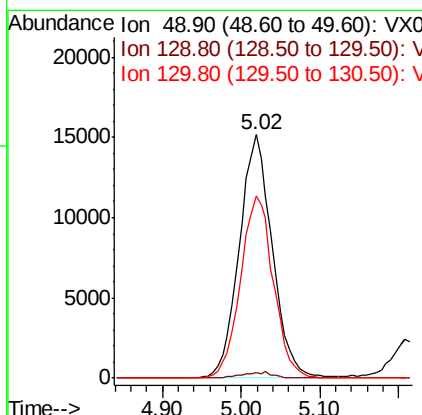
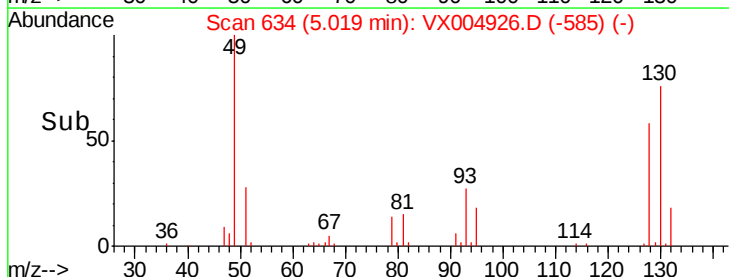
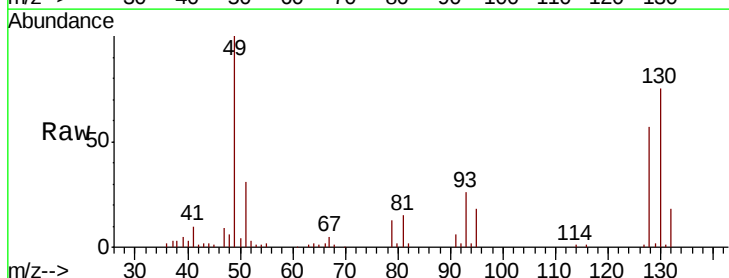
sam
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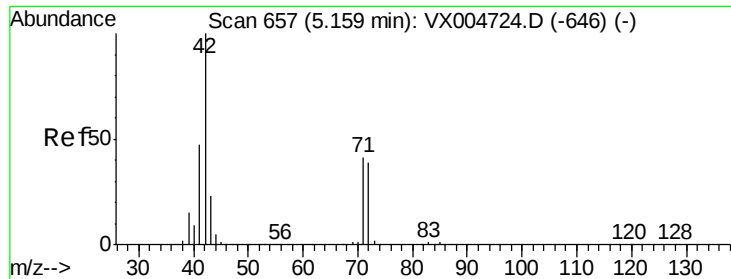


#28

Bromochloromethane
Concen: 24.849 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	74.3	62.0	93.0





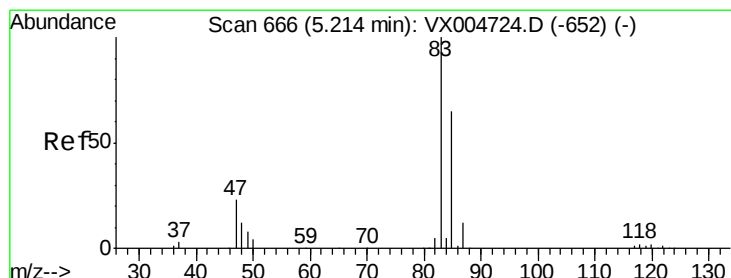
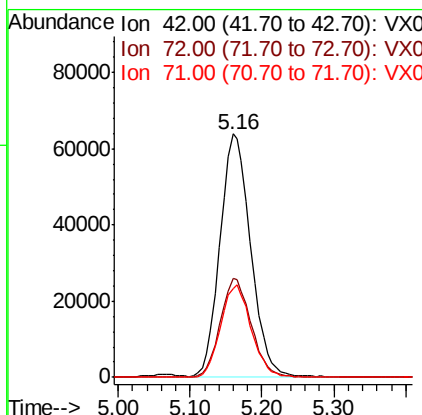
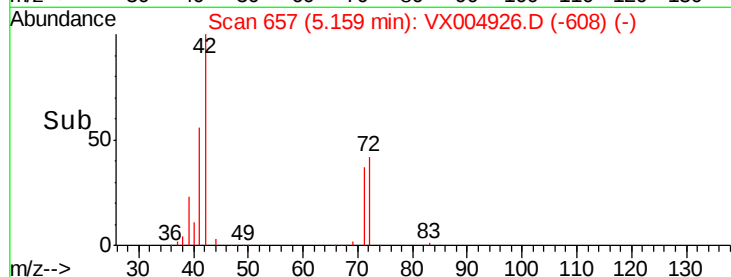
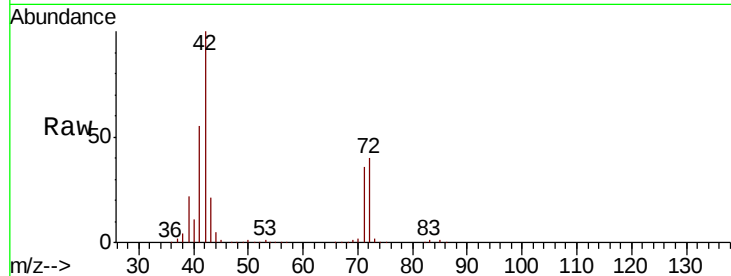
#29
Tetrahydrofuran
Concen: 154.877 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.7	50.5
71	38.2	32.2	48.4

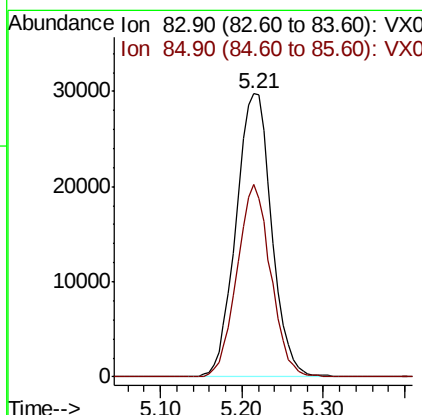
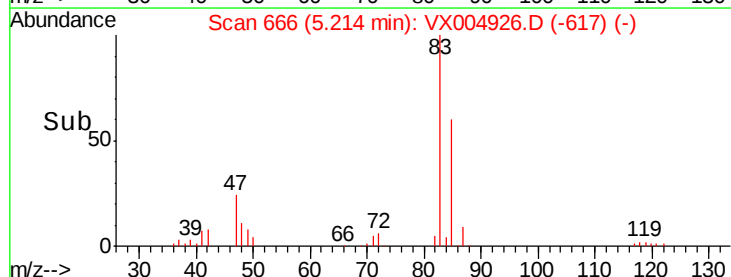
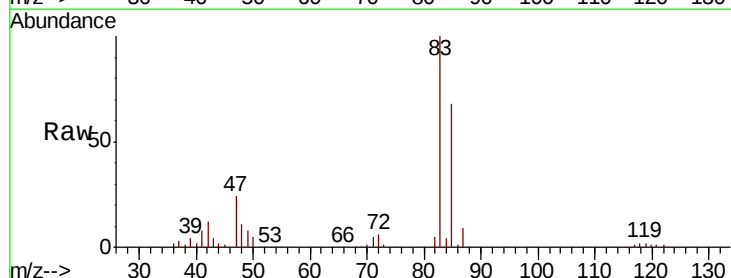
Manual Integrations
APPROVED

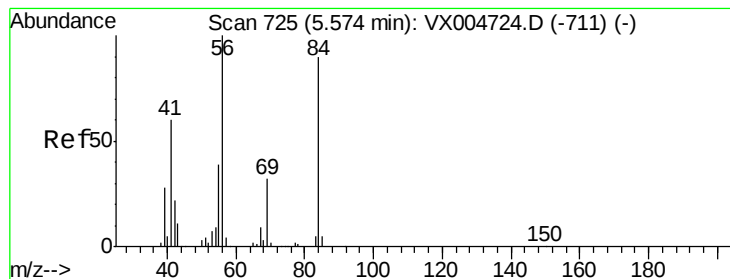
sam
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#30
Chloroform
Concen: 25.278 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	52.4	78.6





#31

Cvclohexane

Concen: 17.752 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

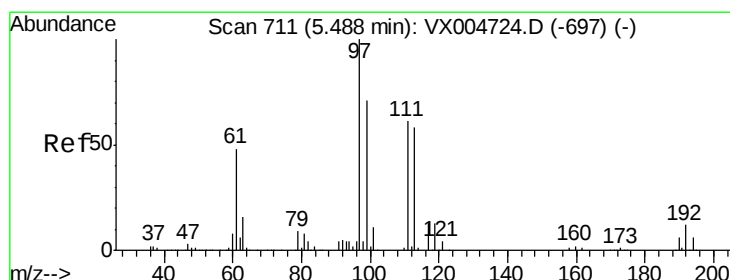
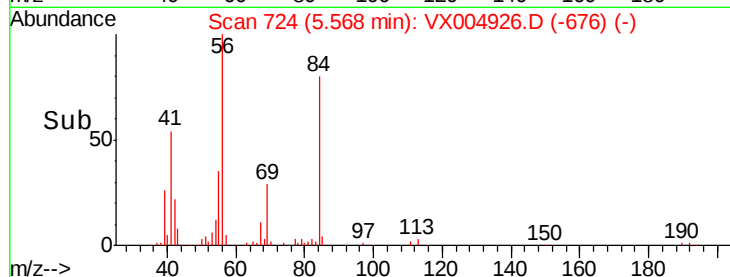
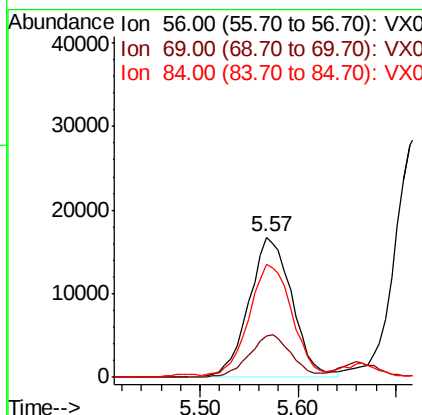
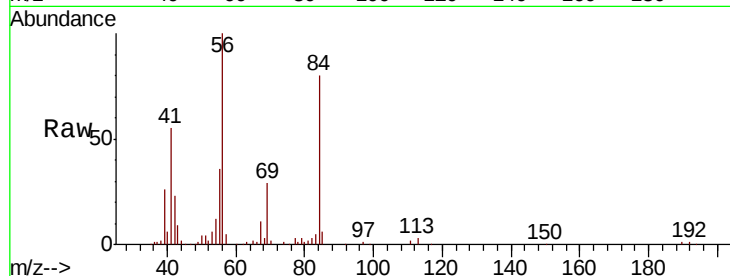
ClientSampleId :

VX1003WBSD01

Tot Ion:	56	Resp:	51272
Ion	Ratio	Lower	Upper
56	100		
69	28.9	25.9	38.9
84	78.4	71.9	107.9

Manual Integrations
APPROVED

sam
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#32

1,1,1-Trichloroethane

Concen: 21.825 ug/l

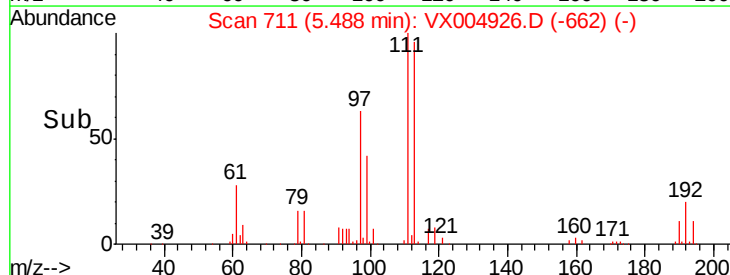
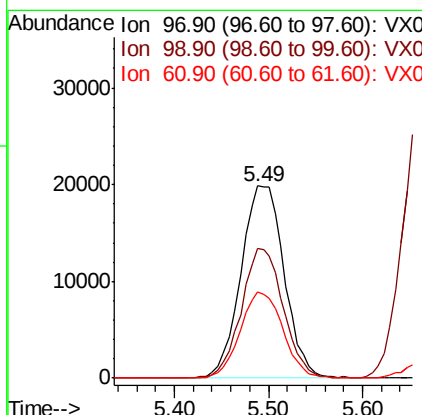
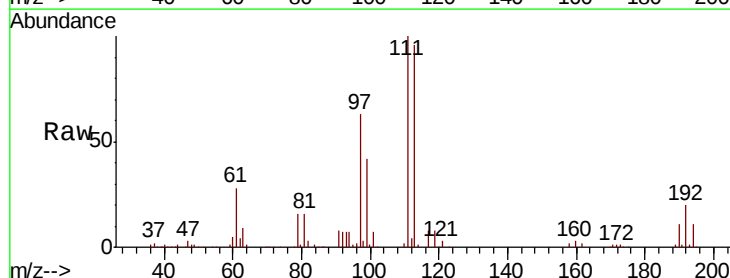
RT: 5.49 min Scan# 711

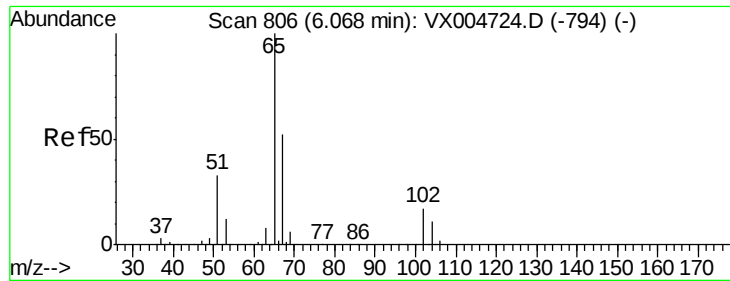
Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion:	97	Resp:	63569
Ion	Ratio	Lower	Upper
97	100		
99	65.5	54.6	82.0
61	44.2	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 66.098 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tot Ion: 65 Resp: 150043

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4

Instrument :

MSVOA_X

ClientSampled :

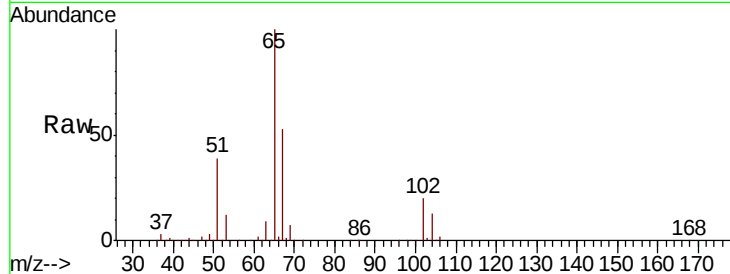
VX1003WBSD01

Manual Integrations

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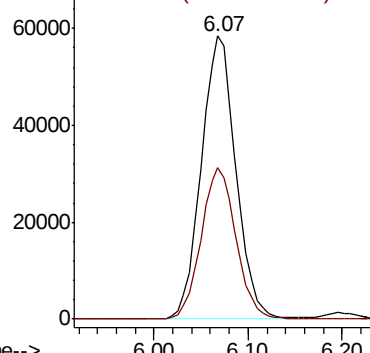
sam

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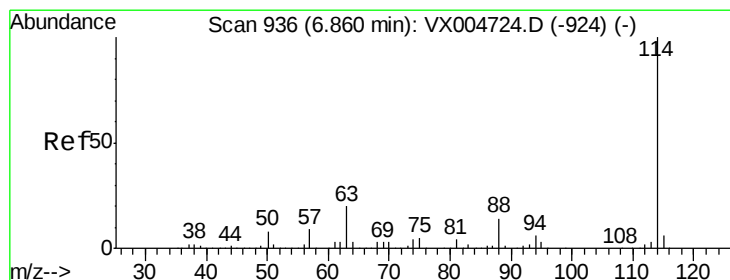
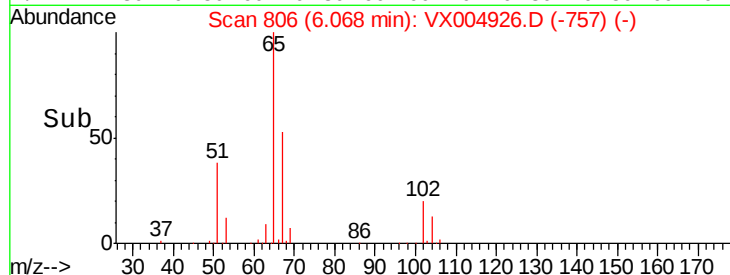


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

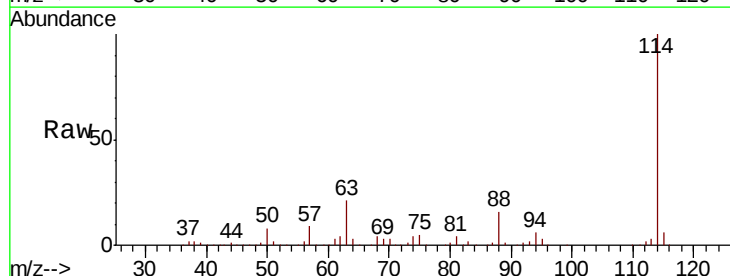
Tgt Ion: 114 Resp: 285380

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

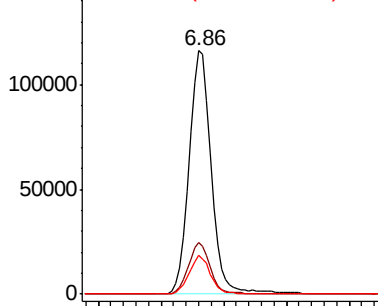
88 15.8 0.0 27.0



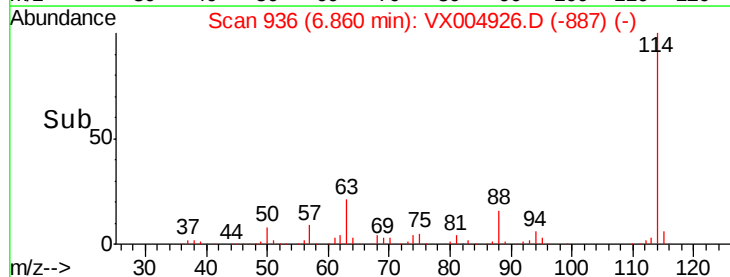
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





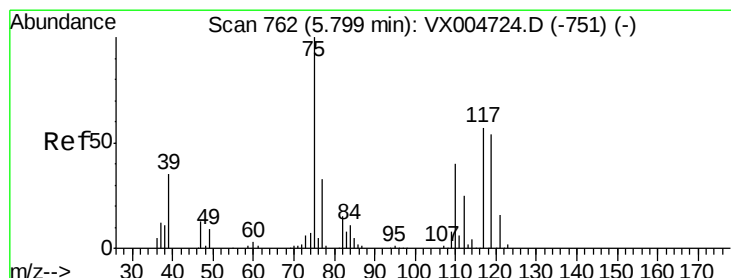
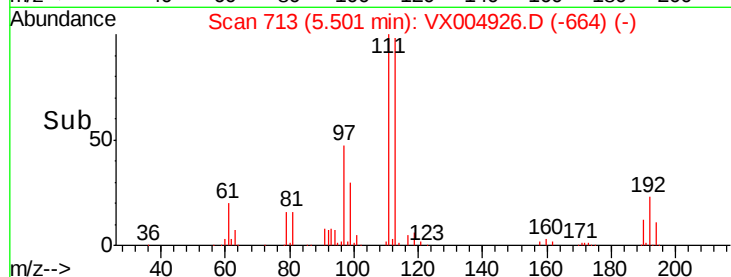
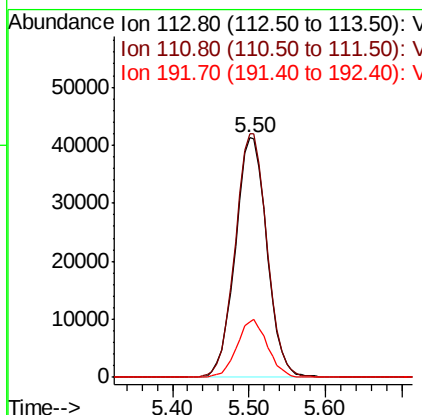
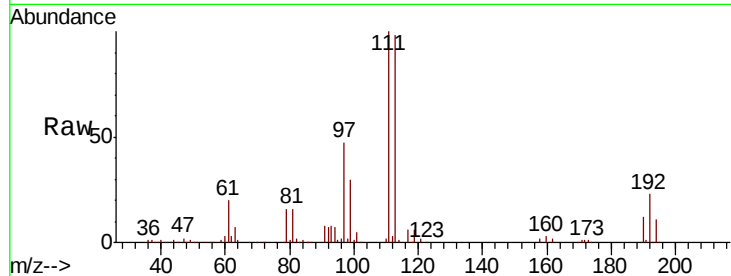
#35
 Dibromofluoromethane
 Concen: 48.837 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.2	77.0	115.4	
192	23.3	17.0	25.6	

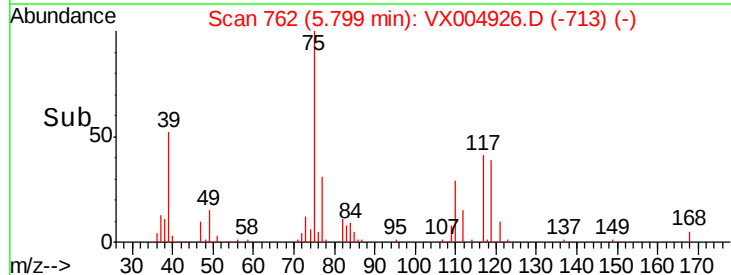
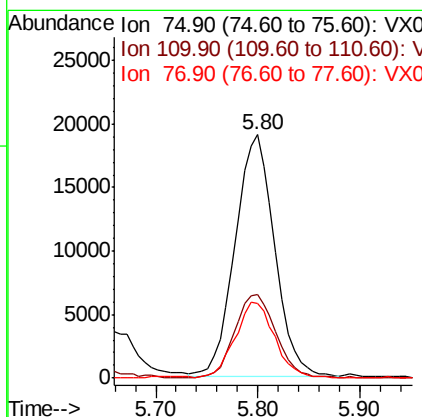
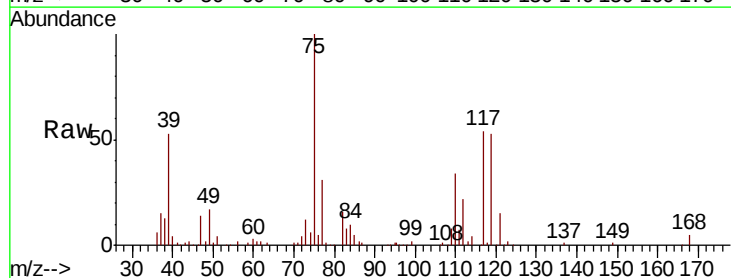
Manual Integrations
 APPROVED

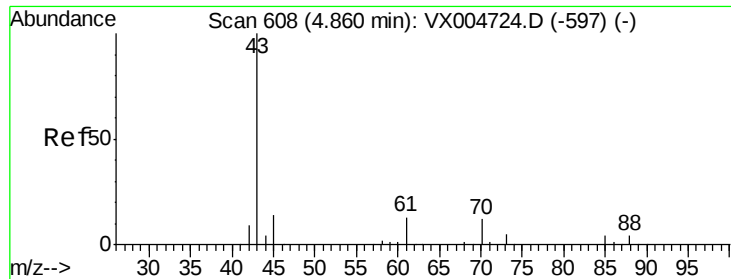
sam
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#36
 1,1-Dichloropropene
 Concen: 15.482 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.1	20.0	59.9	
77	31.8	27.1	40.7	





#37

Ethyl Acetate

Concen: 23.052 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

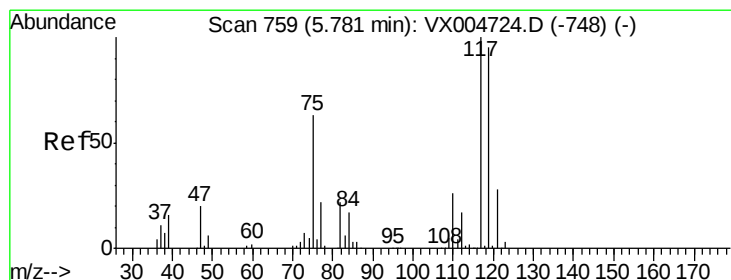
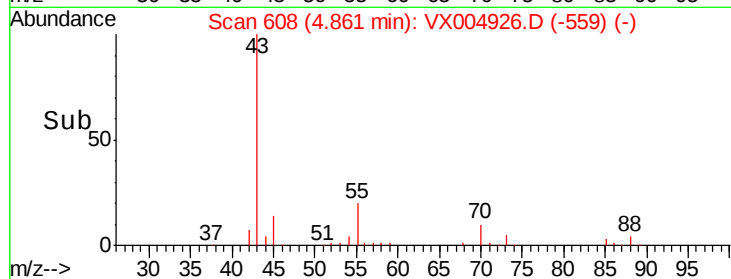
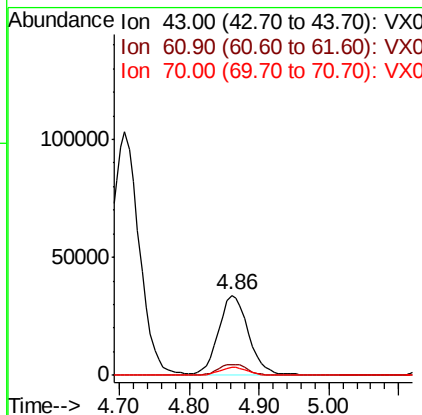
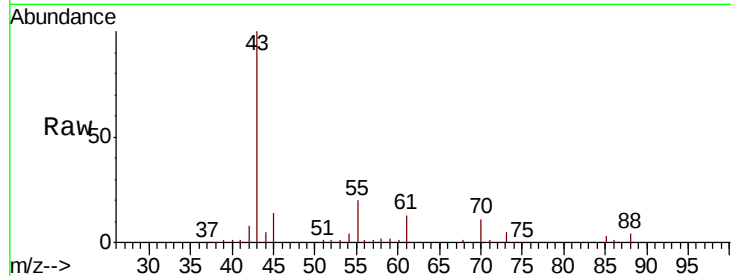
ClientSampleID :

VX1003WBSD01

Tot Ion:	43	Resp:	100977
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	10.0	8.7	13.1

Manual Integrations
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sam
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#38

Carbon Tetrachloride

Concen: 14.626 ug/l

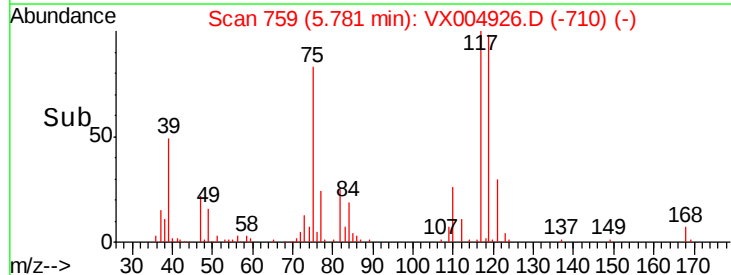
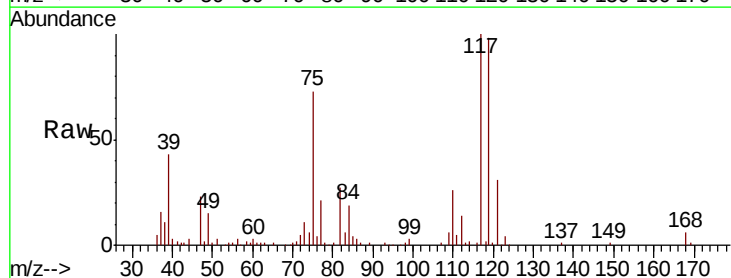
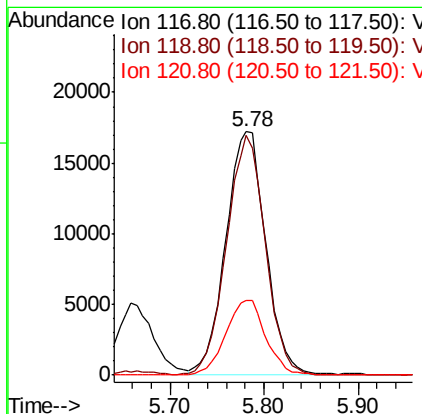
RT: 5.78 min Scan# 759

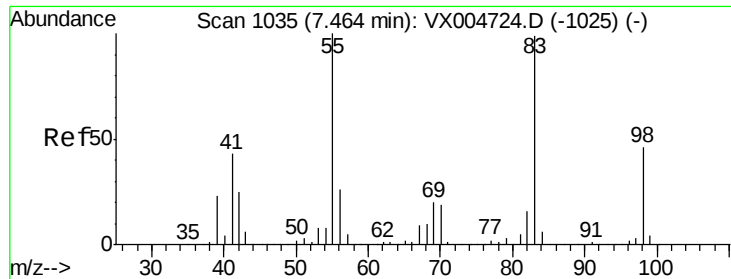
Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion:	117	Resp:	50733
Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.2	112.8
121	30.6	22.5	33.7





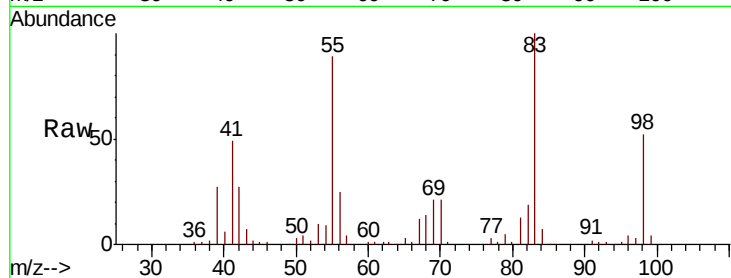
#39
Methvlcvclohexane
Concen: 13.092 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

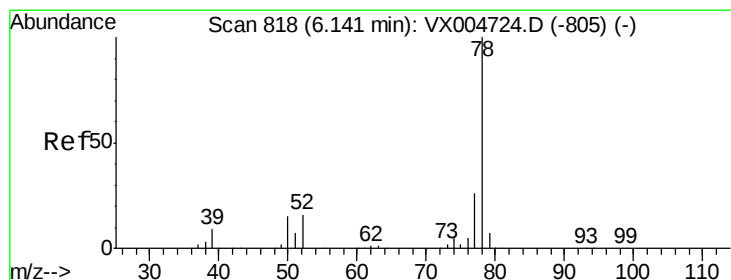
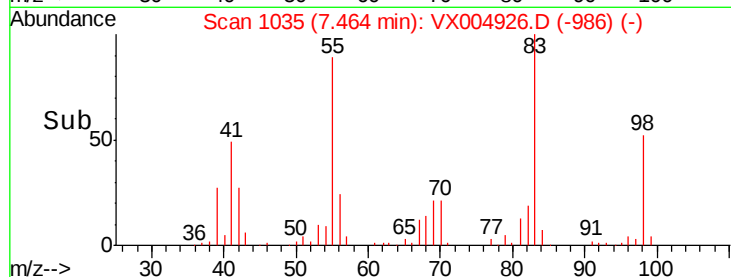
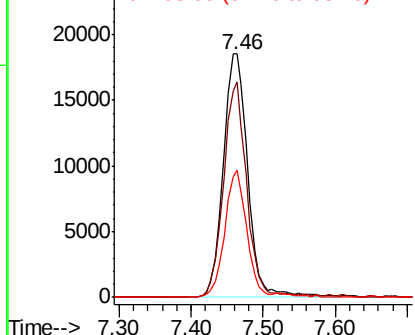
Tot Ion	Ratio	Lower	Upper
83	100		
55	88.6	81.1	121.7
98	52.2	37.3	55.9

Manual Integrations
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sam
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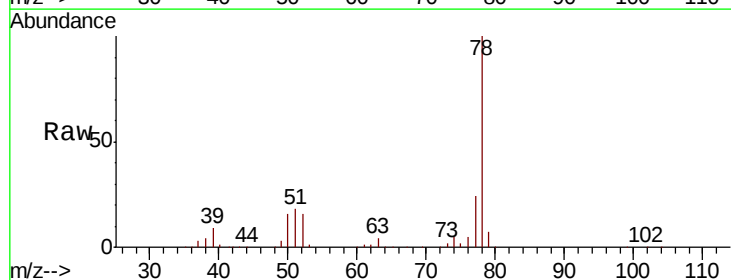


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

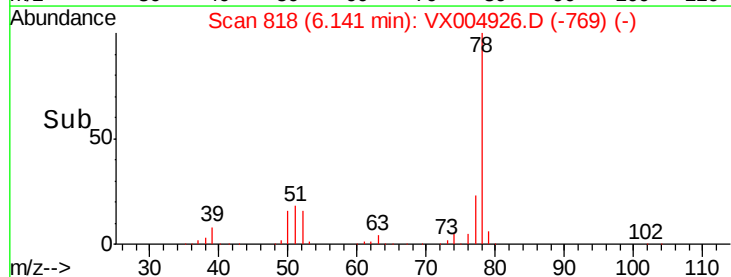
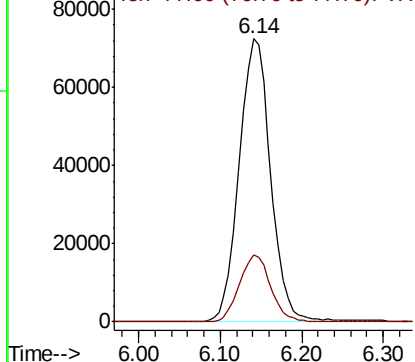


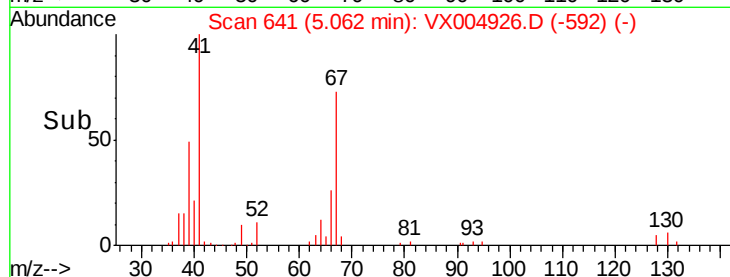
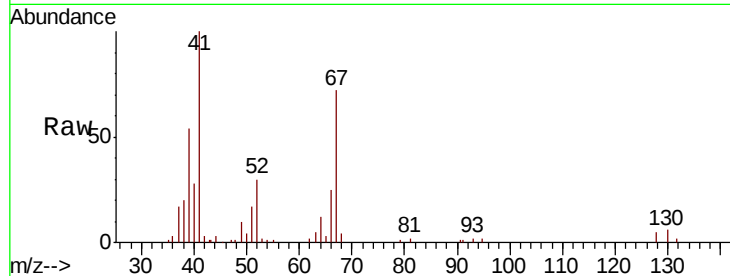
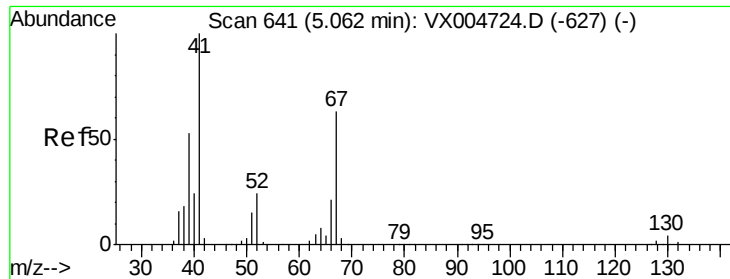
#40
Benzene
Concen: 18.800 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	21.0	31.4



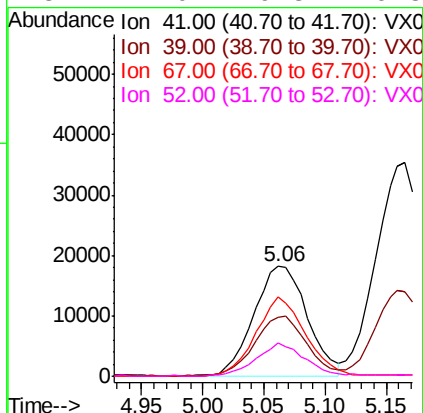
Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41
Methacrylonitrile
Concen: 22.732 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

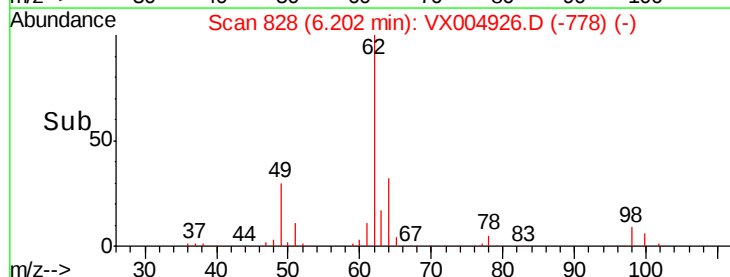
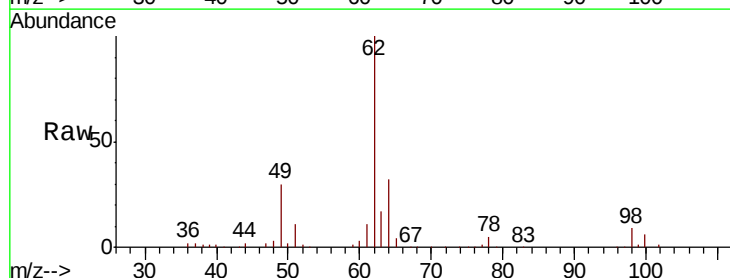
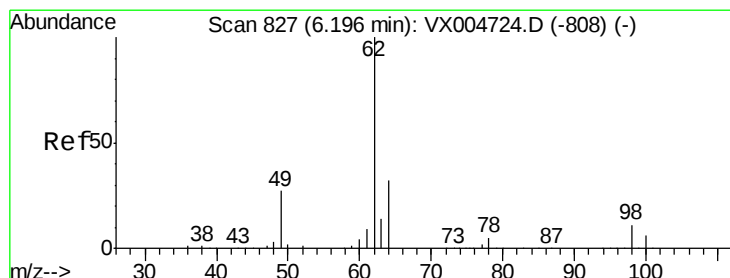
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	42.5	63.7	
67	68.2	53.0	79.6	
52	27.0	19.8	29.8	



Instrument :
MSVOA_X
ClientSampled :
VX1003WBSD01

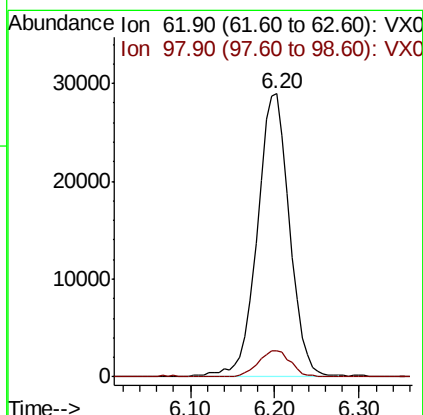
Manual Integrations
APPROVED

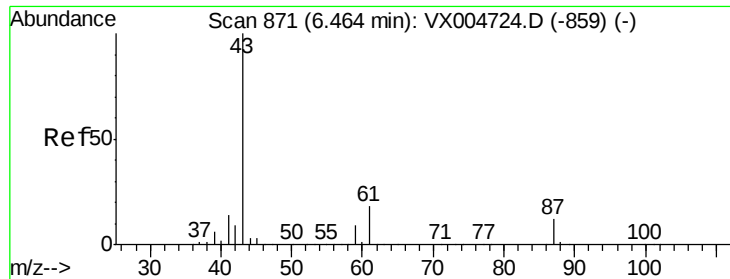
sam
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#42
1,2-Dichloroethane
Concen: 20.862 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	20.2	





#43

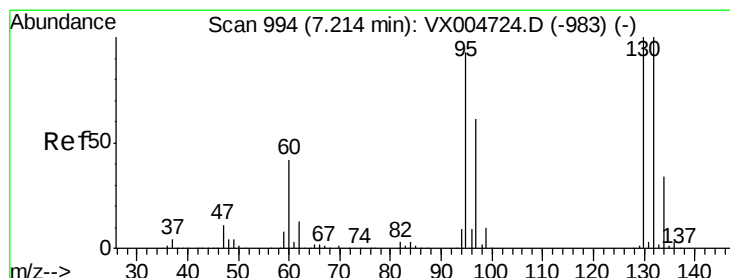
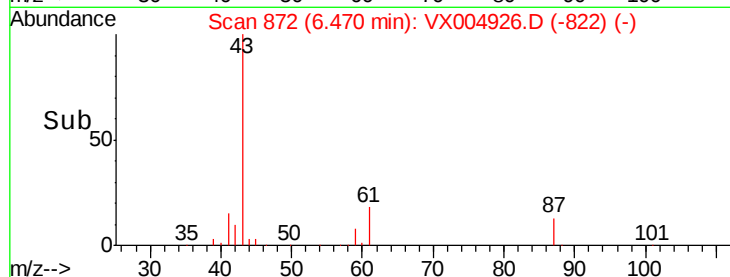
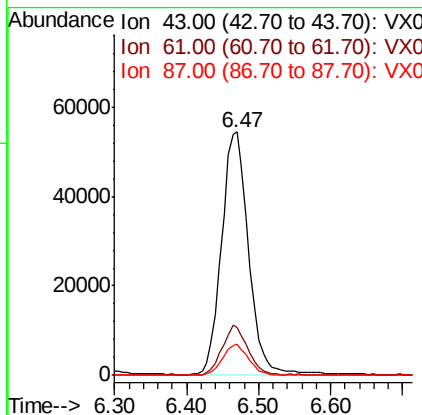
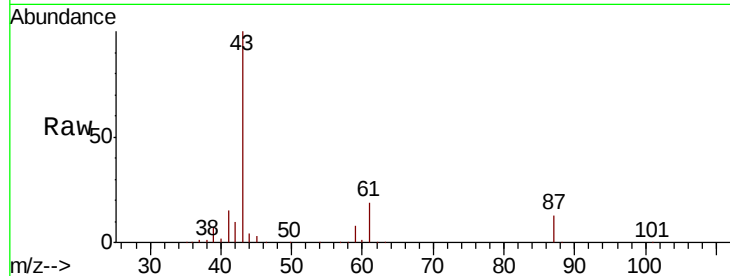
Isopropyl Acetate
 Concen: 22.429 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.2	21.4
87	12.5	9.3	13.9

Manual Integrations
 APPROVED

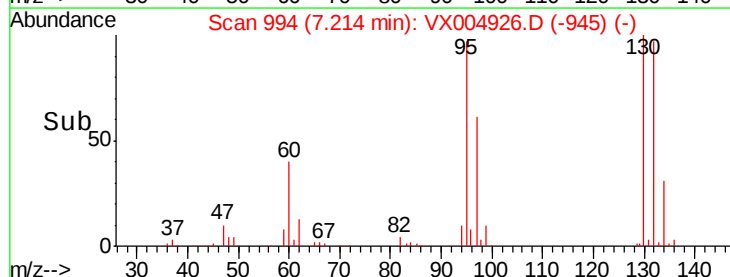
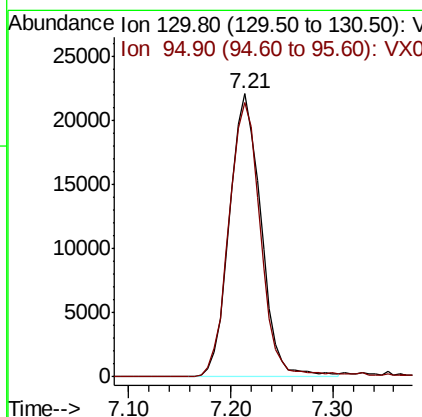
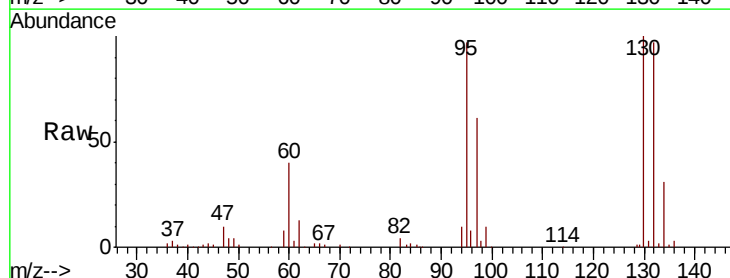
sam
 10/3/2018 5:56:40 PM



#44

Trichloroethene
 Concen: 18.686 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	186.8





#45

1,2-Dichloropropane

Concen: 21.378 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion: 63 Resp: 54162

Ion Ratio Lower Upper

63 100

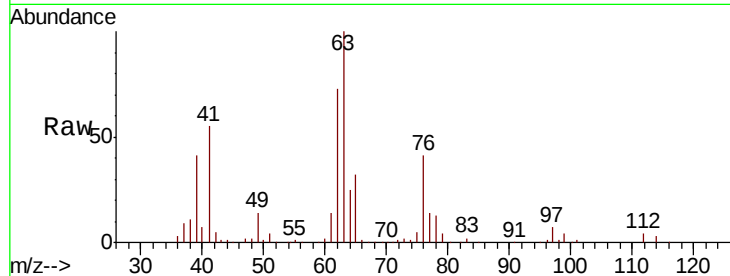
65 31.9 23.9 35.9

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

25000

20000

15000

10000

5000

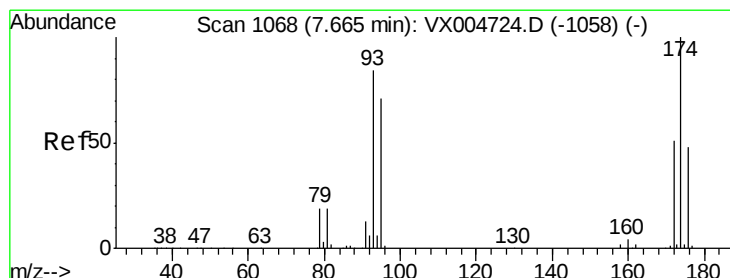
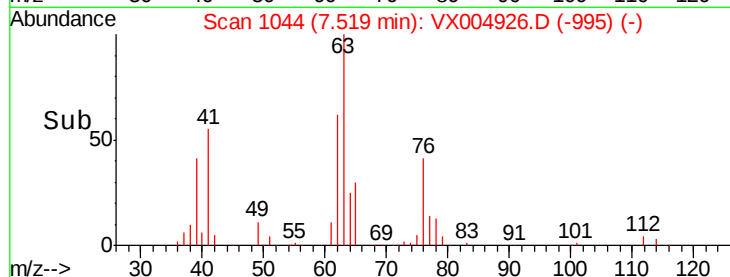
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 23.205 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

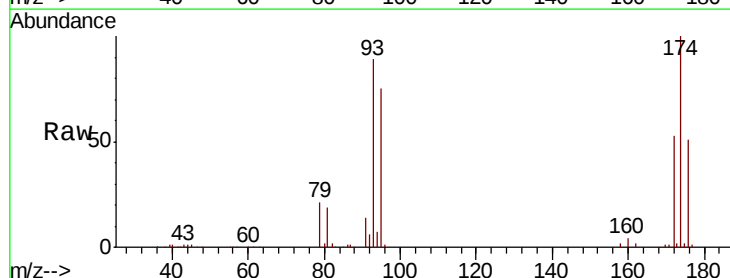
Tgt Ion: 93 Resp: 36947

Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 112.8 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

30000

25000

20000

15000

10000

5000

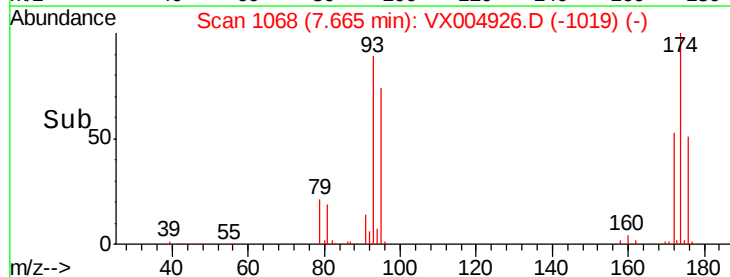
0

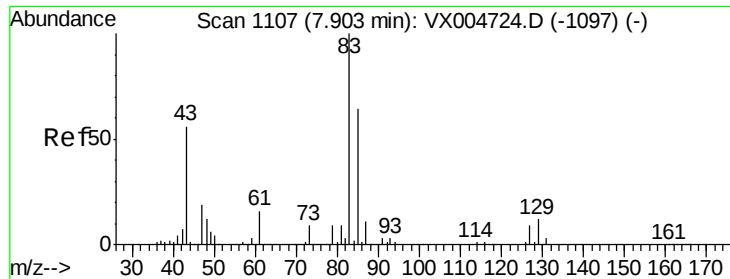
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 22.973 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

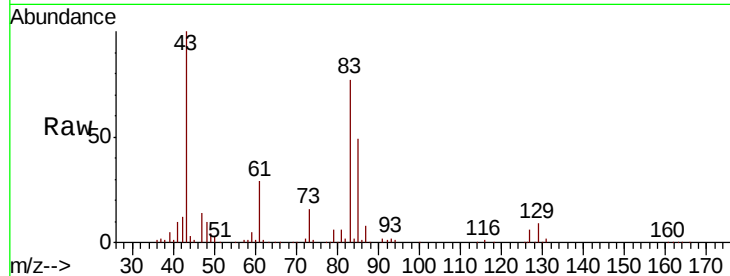
ClientSampleId :

VX1003WBSD01

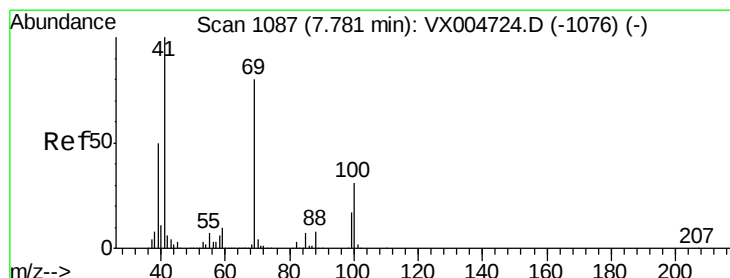
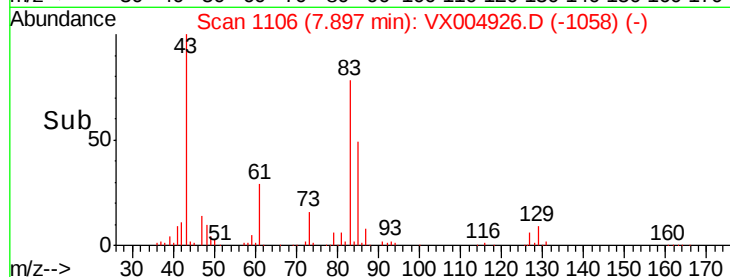
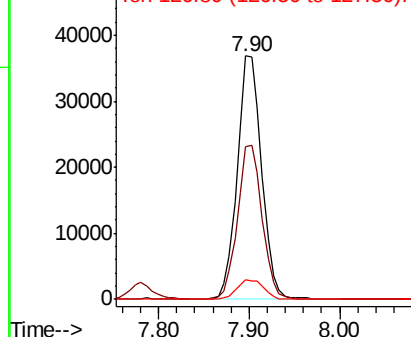
Tot Ion:	83	Resp:	68484
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8
127	7.9	7.0	10.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 25.388 ug/l

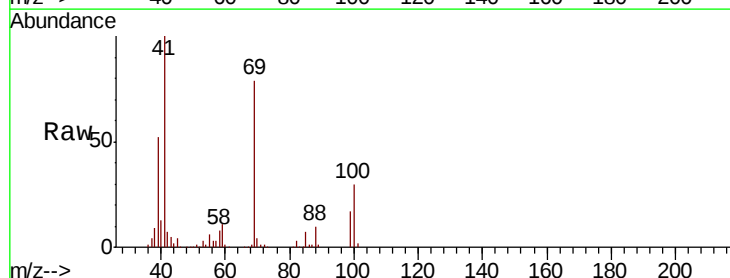
RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

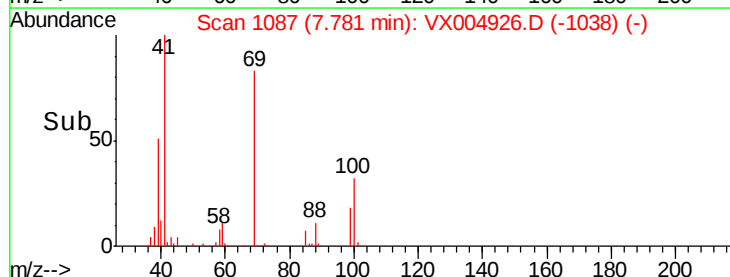
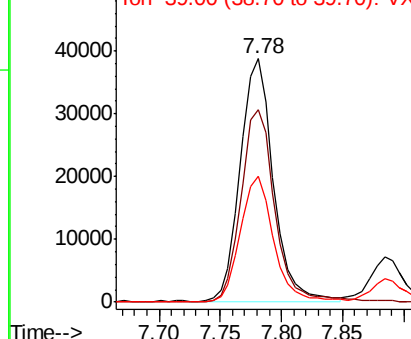
Lab File: VX004926.D

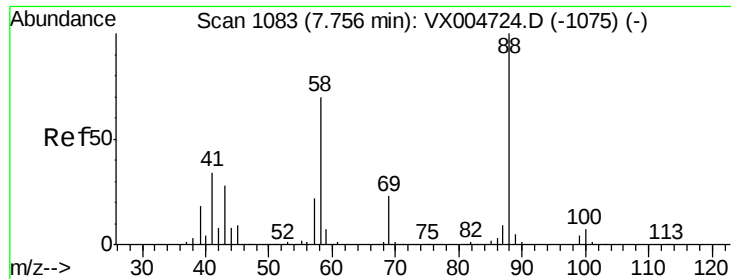
Acq: 02 Oct 2018 18:34

Tgt Ion:	41	Resp:	72854
Ion	Ratio	Lower	Upper
41	100		
69	81.8	63.8	95.6
39	52.5	40.7	61.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





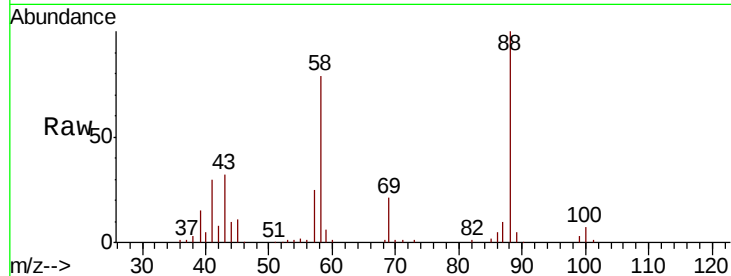
#49
1,4-Dioxane
Concen: 514.096 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	25.1	37.7
58	74.2	56.2	84.2

Manual Integrations
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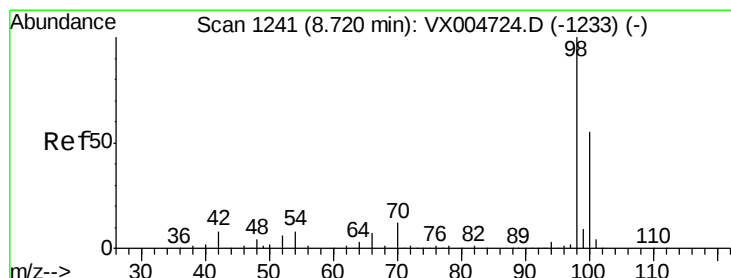
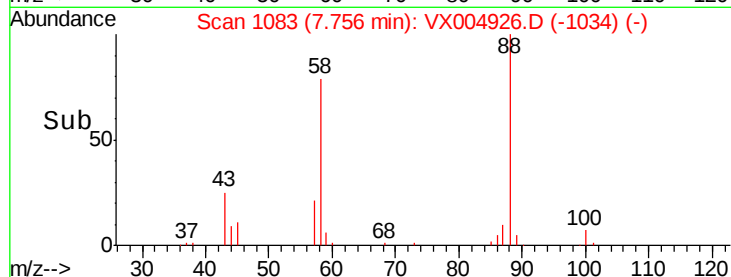
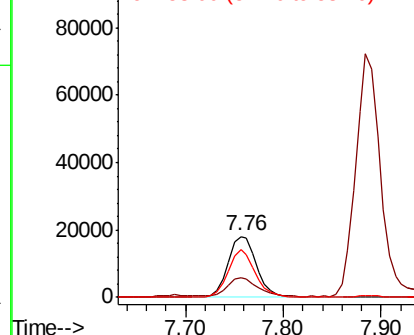


Abundance

Ion 88.00 (87.70 to 88.70): VX0

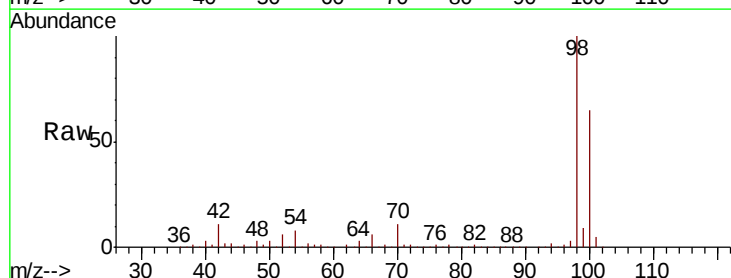
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.995 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

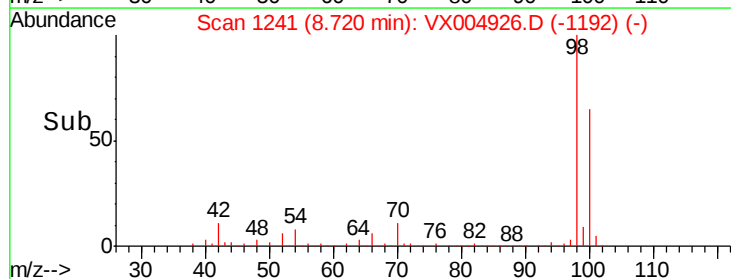
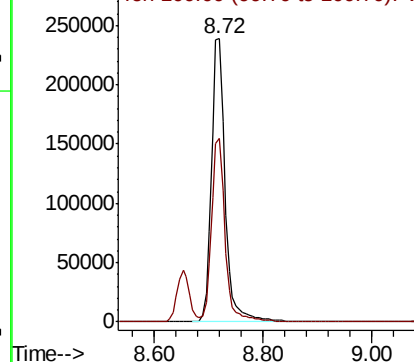
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





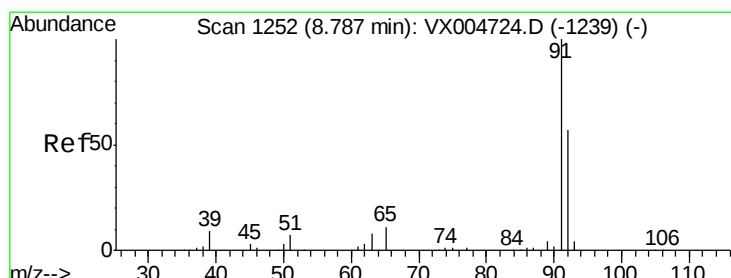
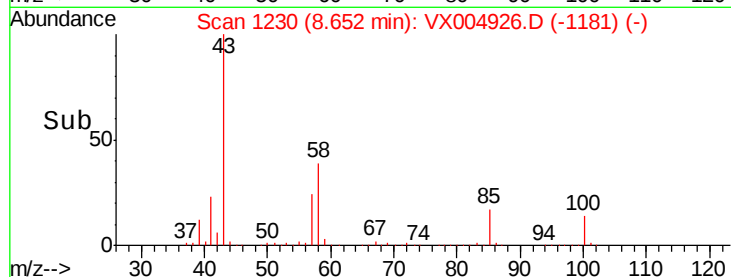
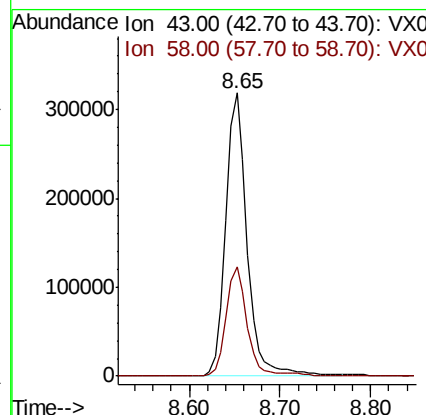
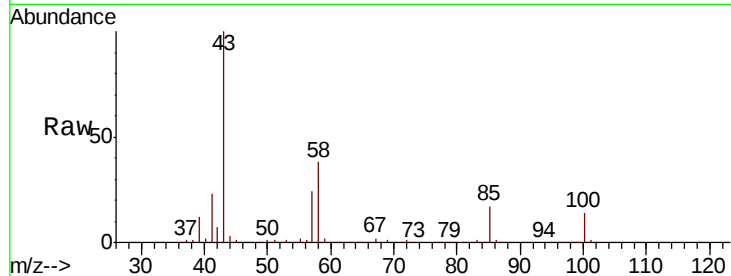
#51
4-Methyl-2-Pentanone
Concen: 131.803 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampled :
VX1003WBSD01

Tot Ion: 43 Resp: 524686
Ion Ratio Lower Upper
43 100
58 37.3 30.5 45.7

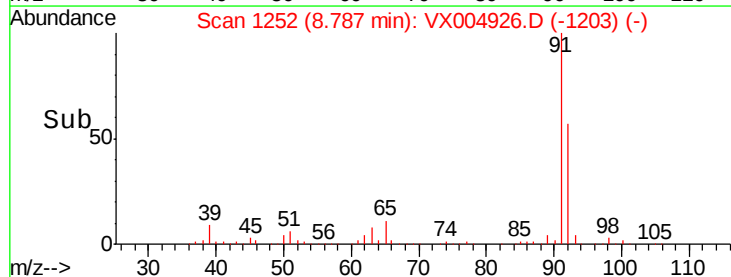
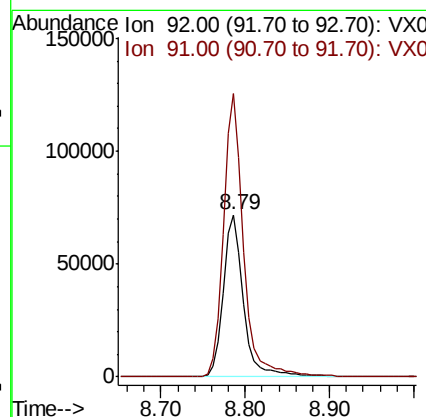
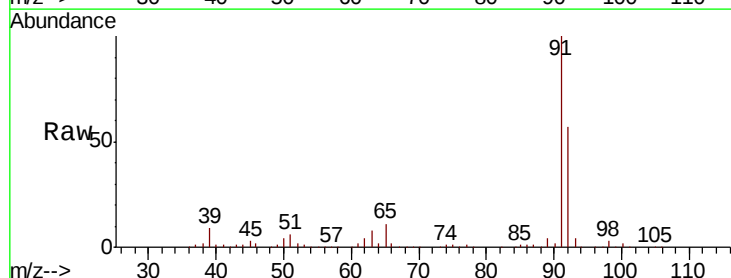
Manual Integrations
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#52
Toluene
Concen: 20.990 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 92 Resp: 119154
Ion Ratio Lower Upper
92 100
91 173.4 136.7 205.1





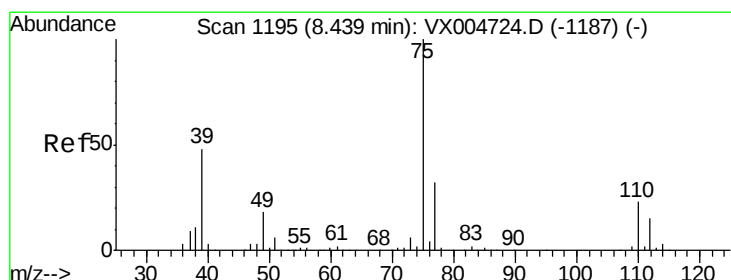
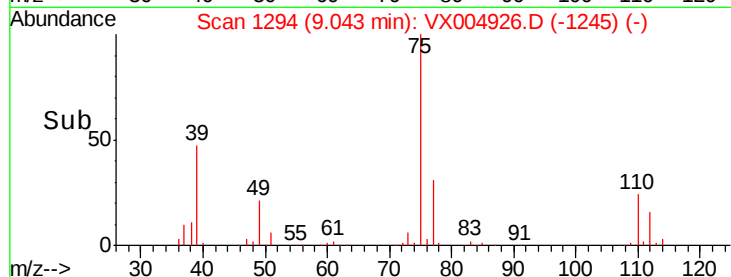
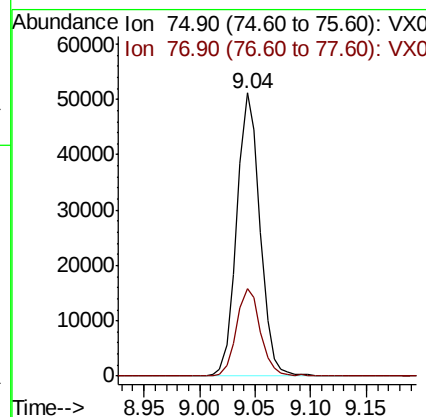
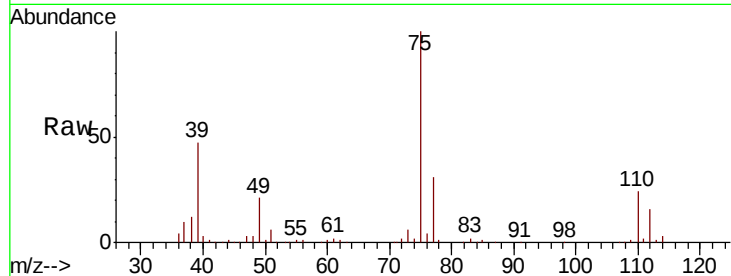
#53
 t-1,3-Dichloropropene
 Concen: 22.043 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Tot Ion: 75 Resp: 74256
 Ion Ratio Lower Upper
 75 100
 77 31.1 28.9 43.3

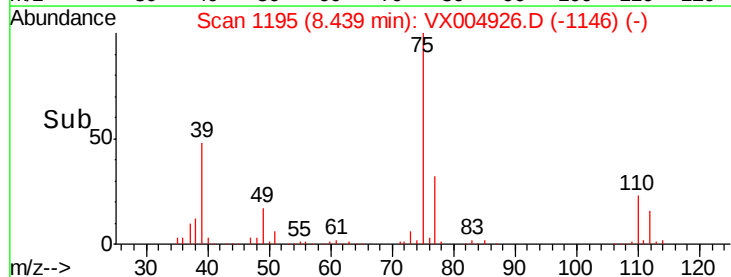
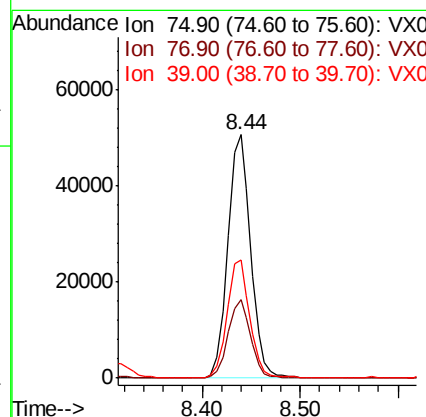
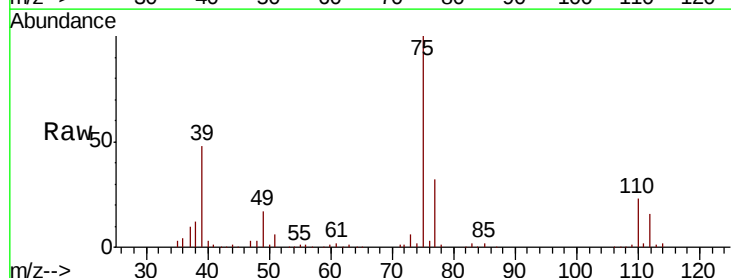
Manual Integrations
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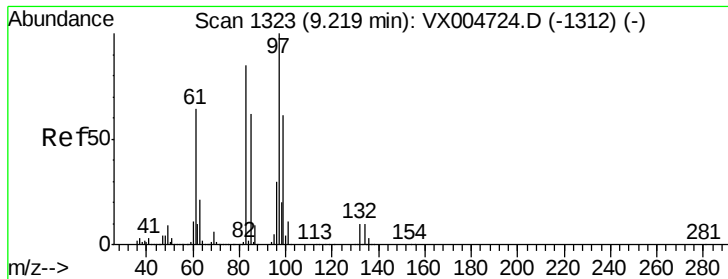
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 23.183 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion: 75 Resp: 81800
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5
 39 48.2 38.3 57.5





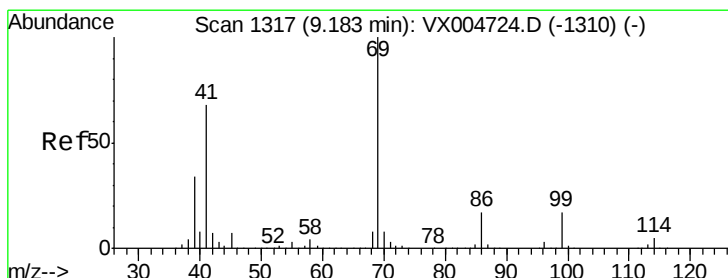
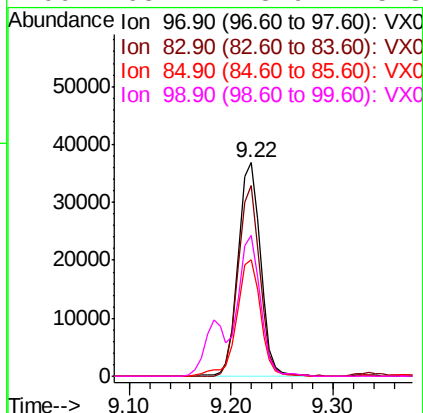
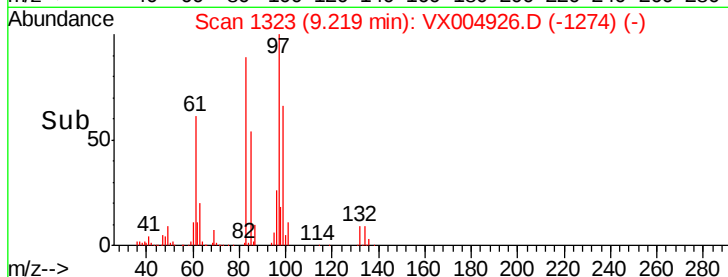
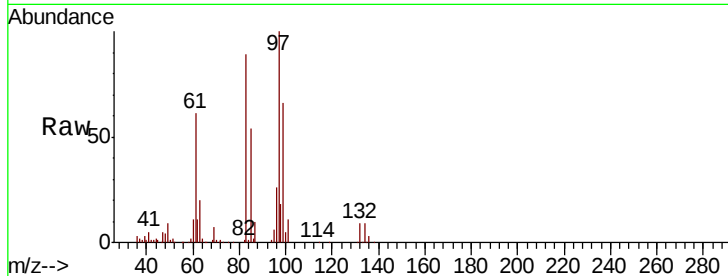
#55
 1,1,2-Trichloroethane
 Concen: 22.488 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Tot Ion:	97	Resp:	55919
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.2
85	54.3	49.9	74.9
99	65.7	48.9	73.3

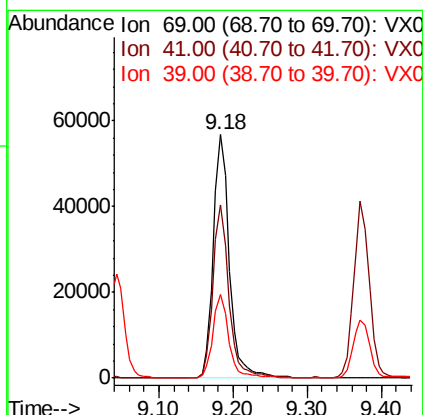
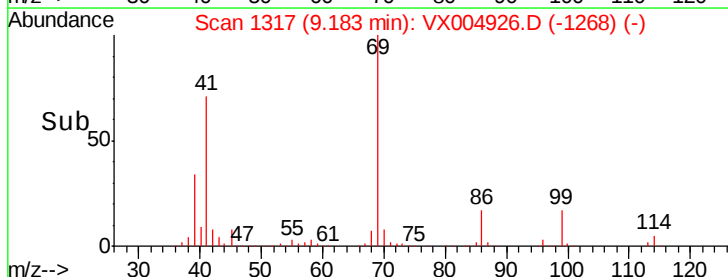
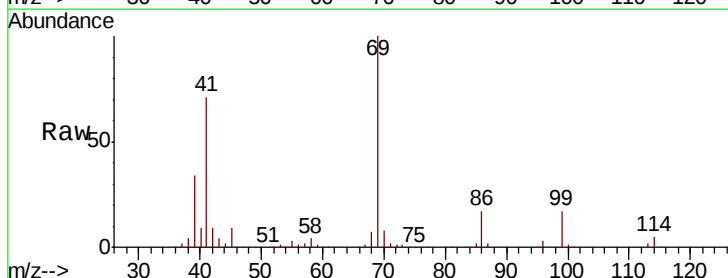
Manual Integrations
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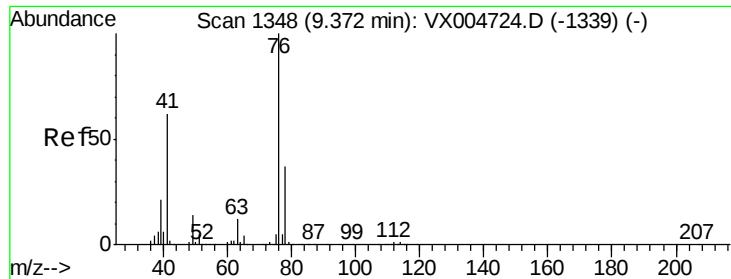
sam
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#56
 Ethyl methacrylate
 Concen: 22.634 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion:	69	Resp:	84623
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.9	85.3
39	34.9	28.4	42.6





#57

1,3-Dichloropropane

Concen: 22.734 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

Tot Ion: 76 Resp: 94083

Ion Ratio Lower Upper

76 100

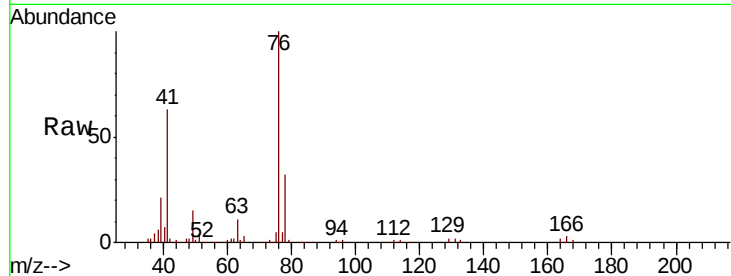
78 31.8 26.6 40.0

Manual Integrations

APPROVED

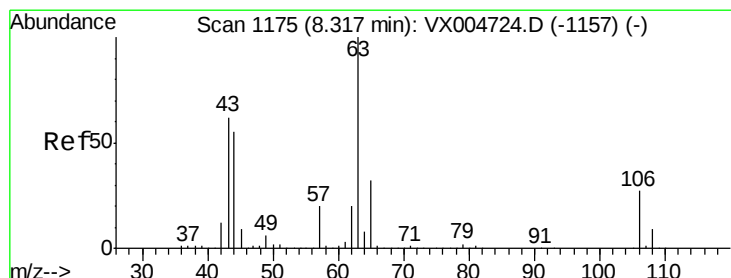
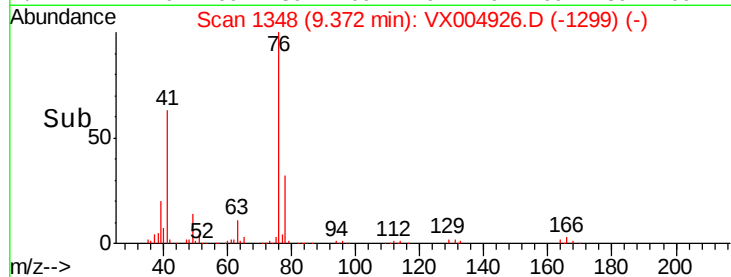
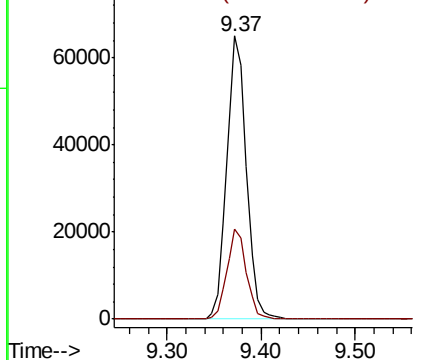
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 119.033 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004926.D

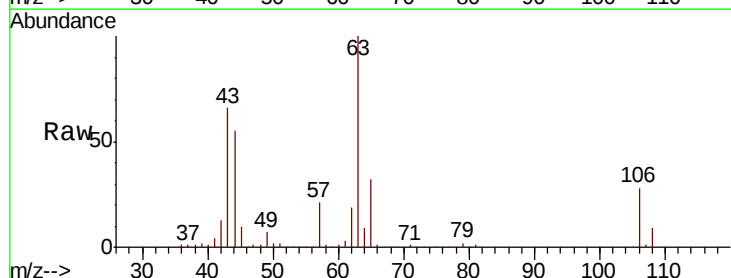
Acq: 02 Oct 2018 18:34

Tgt Ion: 63 Resp: 238084

Ion Ratio Lower Upper

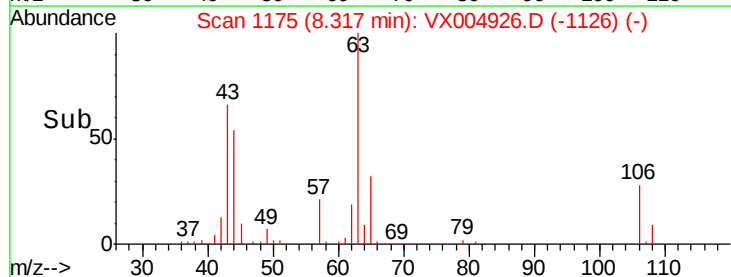
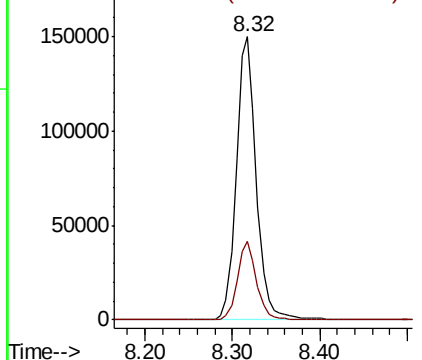
63 100

106 26.7 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





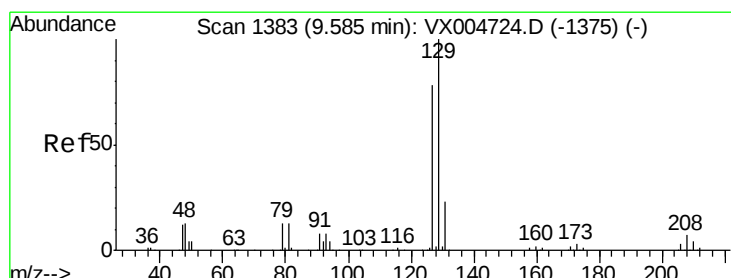
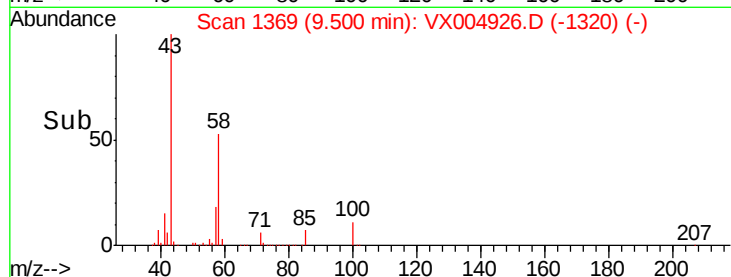
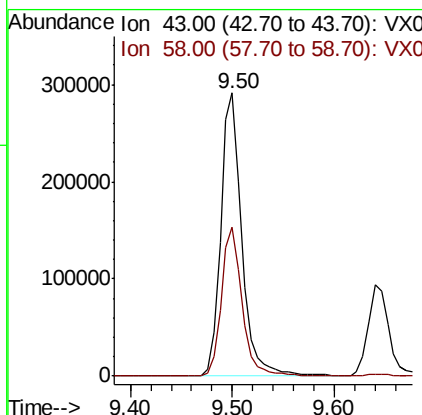
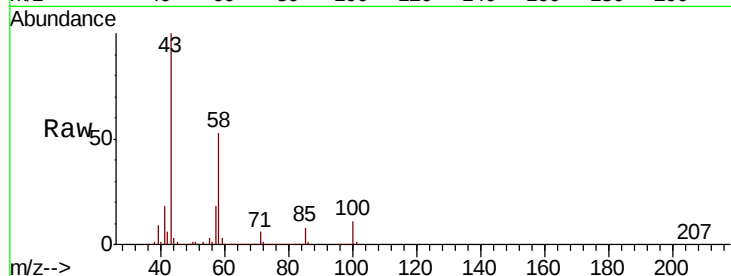
#59
2-Hexanone
Concen: 126.345 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.2	28.4	85.3

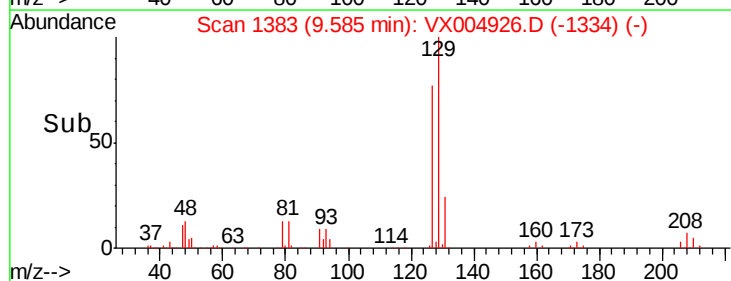
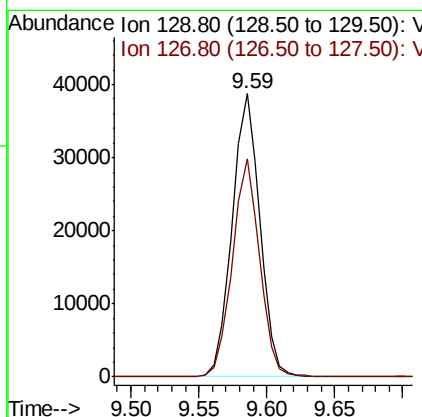
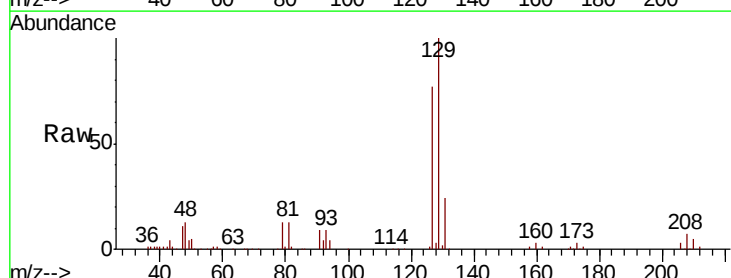
Manual Integrations
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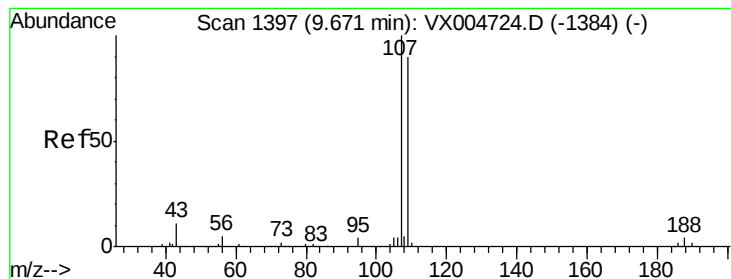
sam
10/3/2018 5:56:40 PM



#60
Dibromochloromethane
Concen: 22.158 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.6	39.1	117.2





#61

1,2-Dibromoethane

Concen: 21.912 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion:107 Resp: 58353

Ion Ratio Lower Upper

107 100

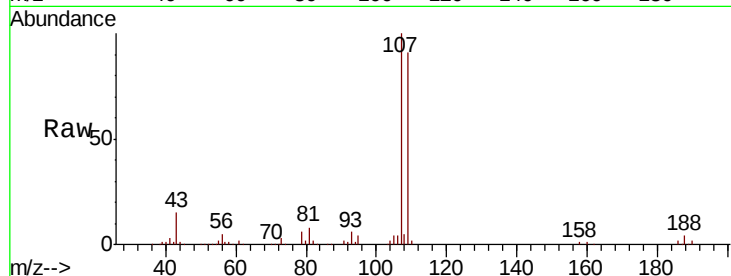
109 93.6 72.1 108.1

Manual Integrations

APPROVED

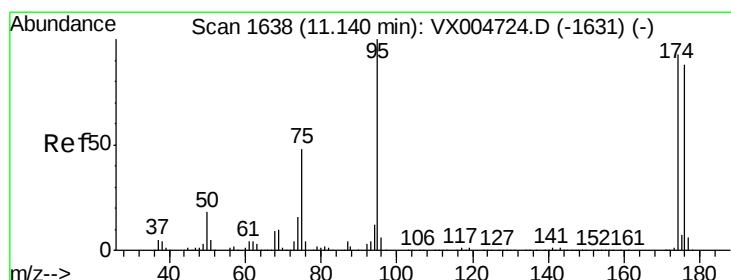
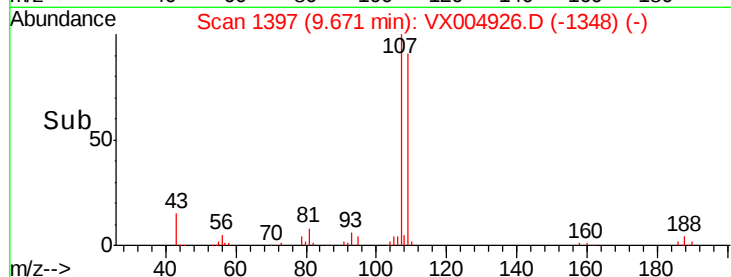
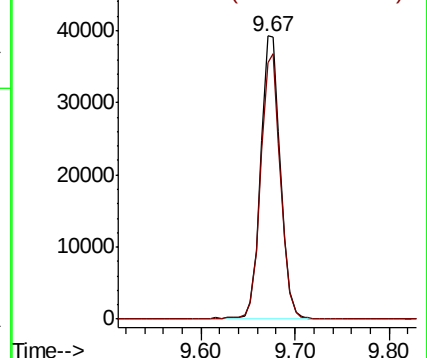
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.280 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

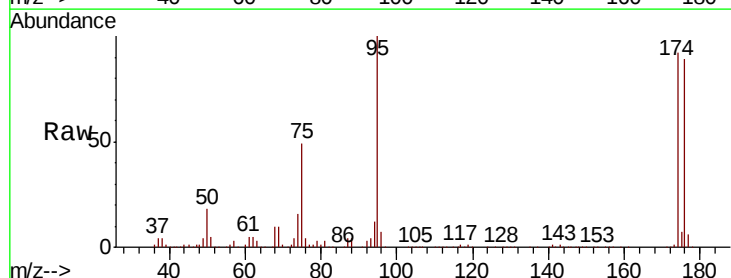
Tgt Ion: 95 Resp: 157235

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.0

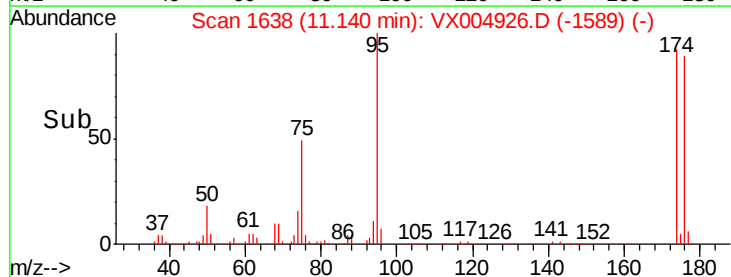
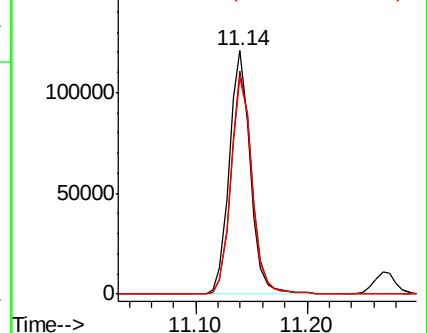
176 89.6 0.0 180.2

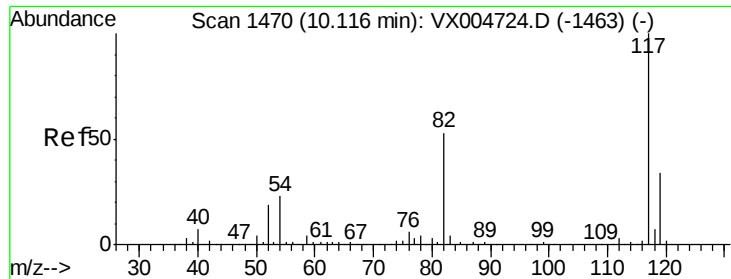


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





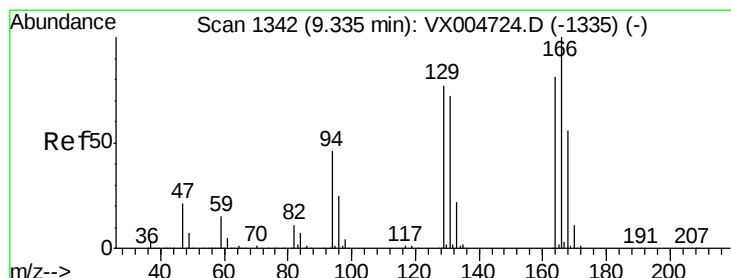
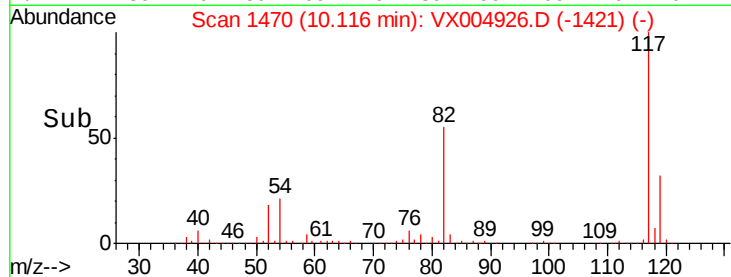
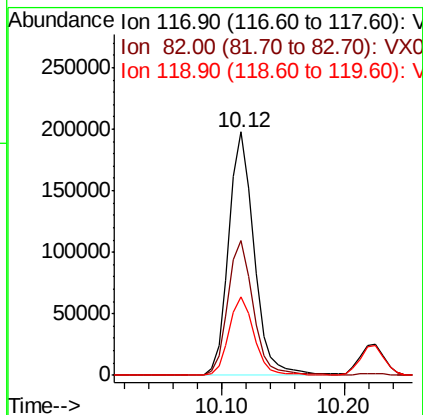
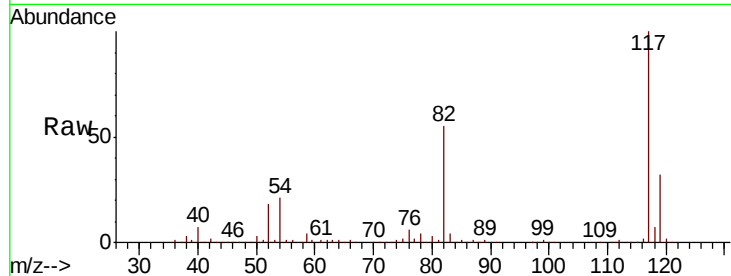
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.2	63.4
119	32.4	27.4	41.0

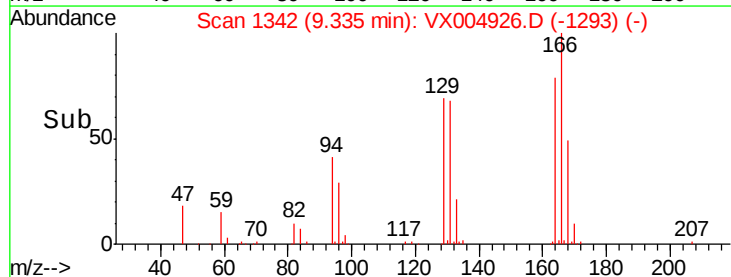
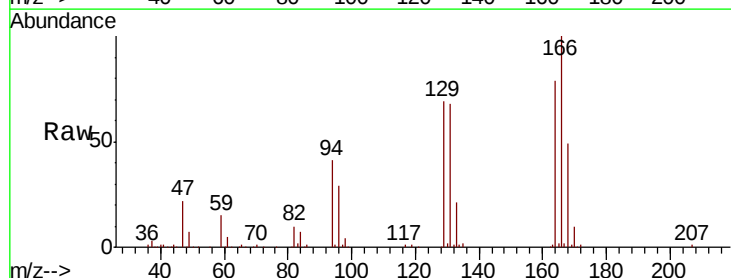
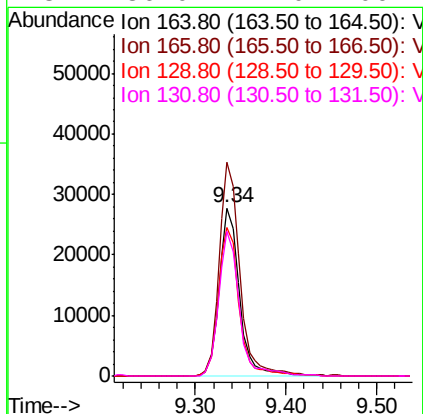
Manual Integrations
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#64
Tetrachloroethene
Concen: 15.505 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	98.4	147.6
129	88.5	76.1	114.1
131	86.0	71.0	106.4





#65

Chlorobenzene

Concen: 18.626 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

Tot Ion:112 Resp: 135928

Ion Ratio Lower Upper

112 100

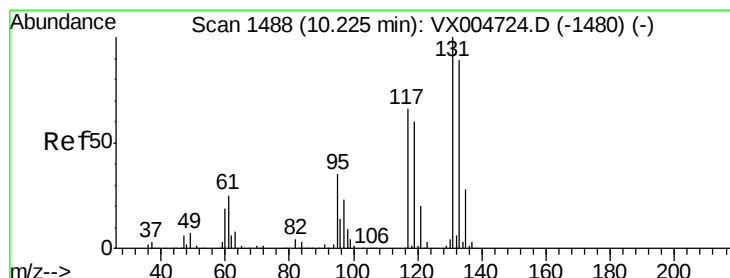
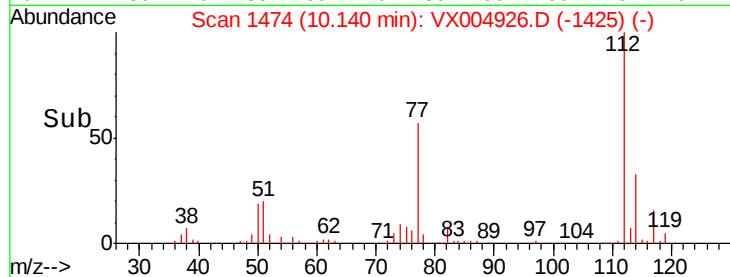
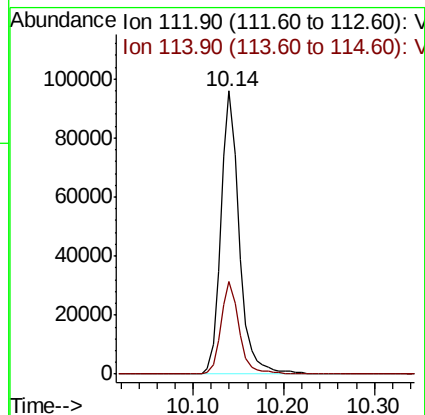
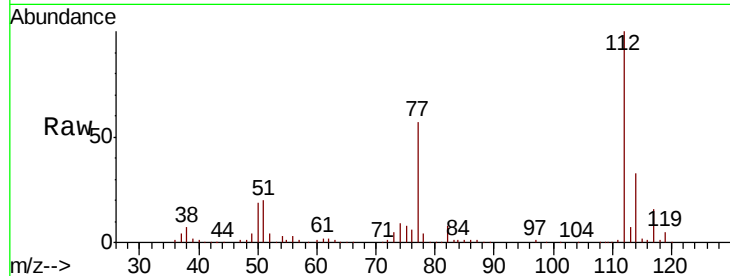
114 32.7 26.7 40.1

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.952 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

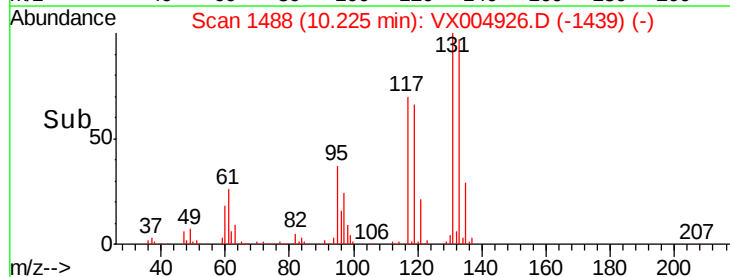
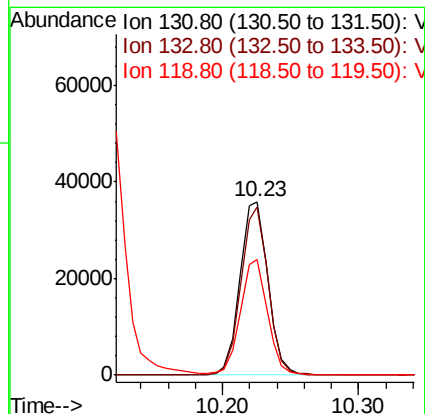
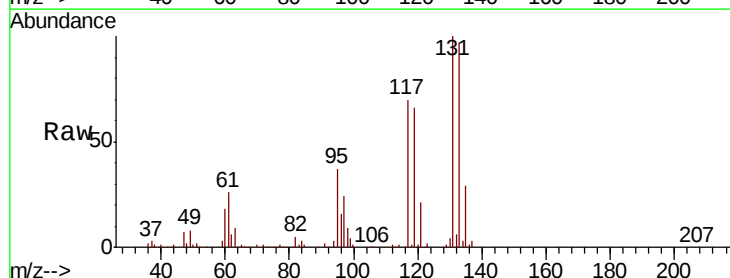
Tgt Ion:131 Resp: 51188

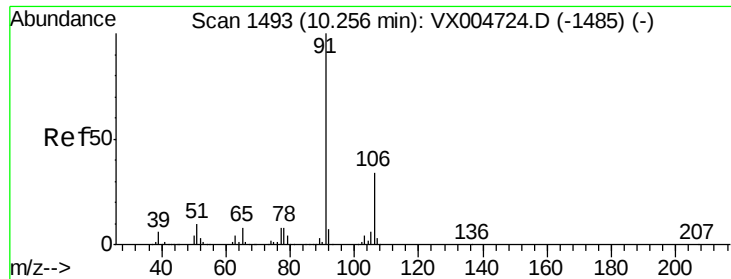
Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.0

119 65.2 32.3 96.8





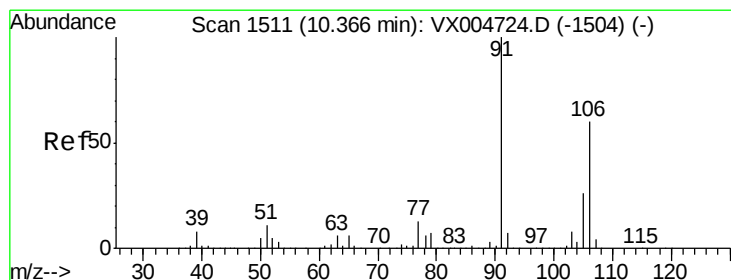
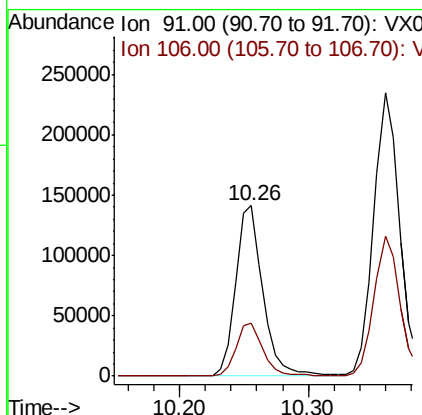
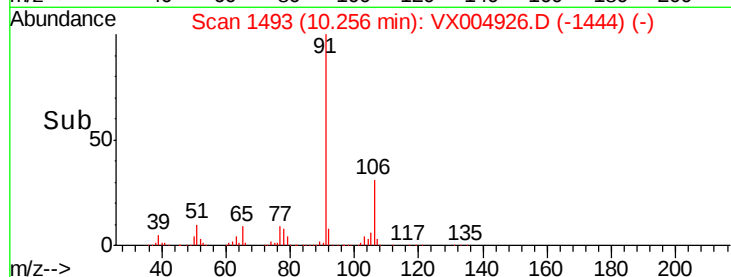
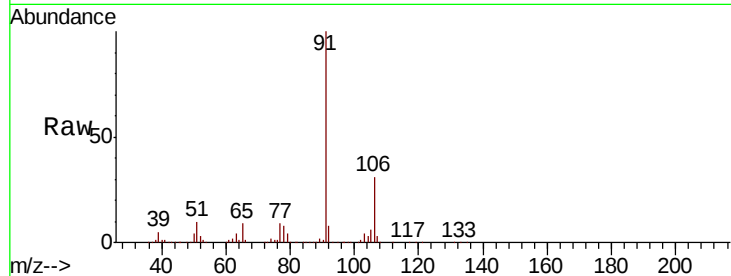
#67
Ethyl Benzene
Concen: 17.978 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion: 91 Resp: 208292
Ion Ratio Lower Upper
91 100
106 30.9 26.9 40.3

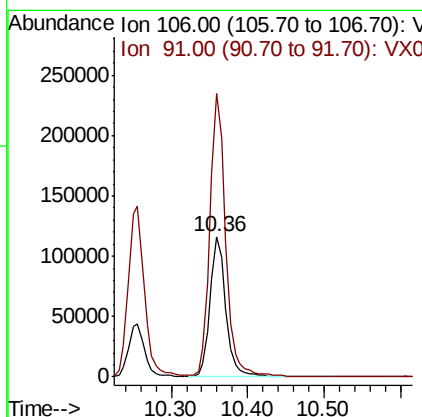
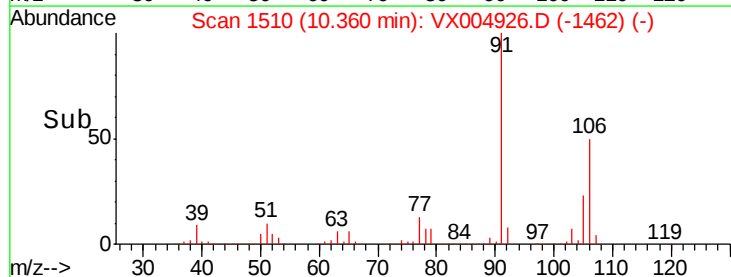
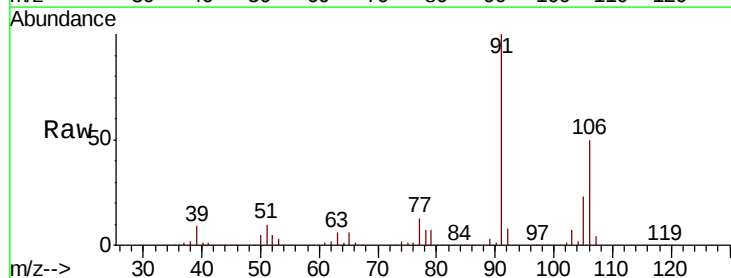
Manual Integrations
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#68
m/p-Xylenes
Concen: 36.868 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 106 Resp: 166917
Ion Ratio Lower Upper
106 100
91 202.5 157.5 236.3





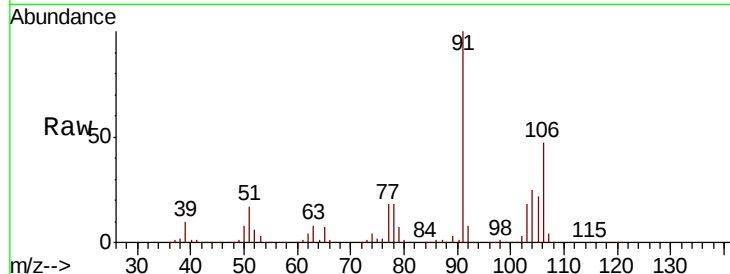
#69
o-Xylene
Concen: 20.039 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampled :
VX1003WBSD01

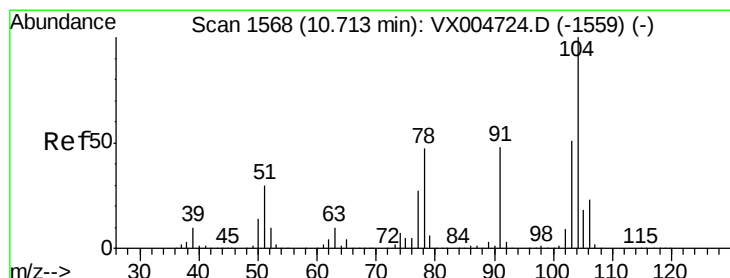
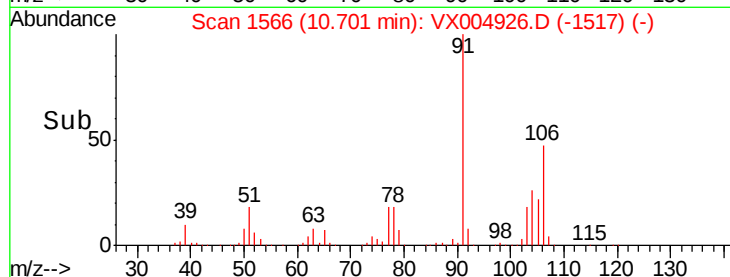
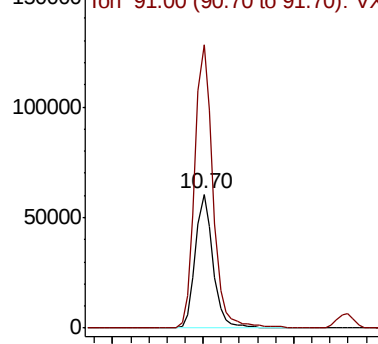
Tot Ion:106 Resp: 83331
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8

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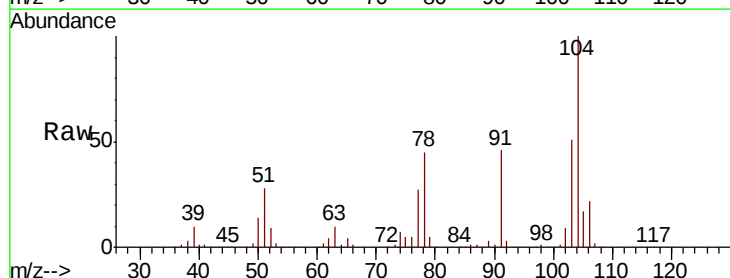


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

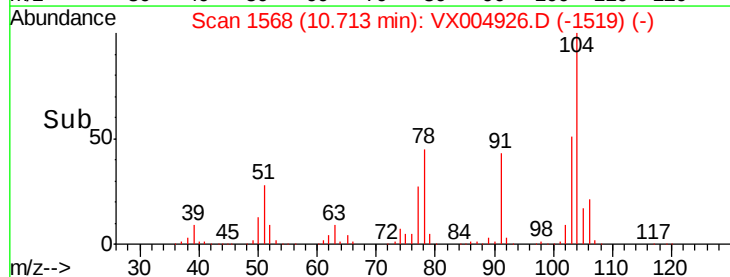
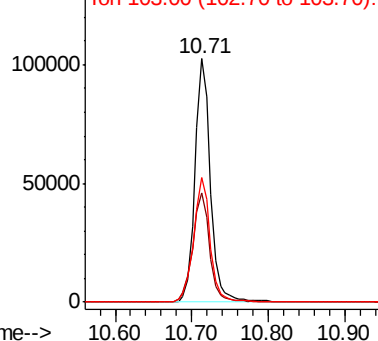


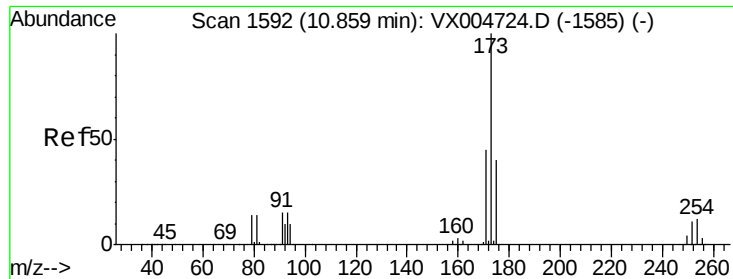
#70
Styrene
Concen: 19.782 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion:104 Resp: 143347
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 55.2 44.3 66.5



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





#71

Bromoform

Concen: 20.261 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

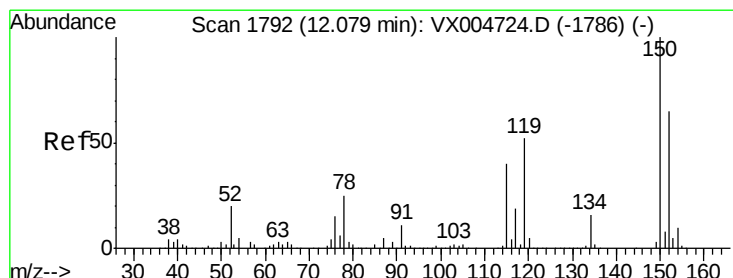
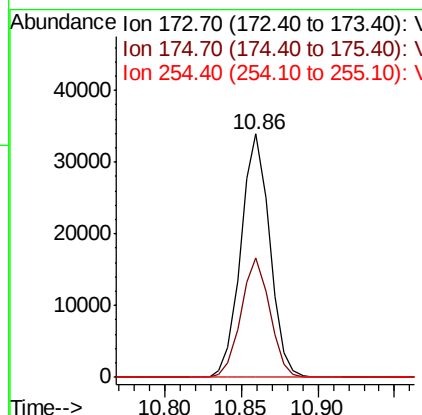
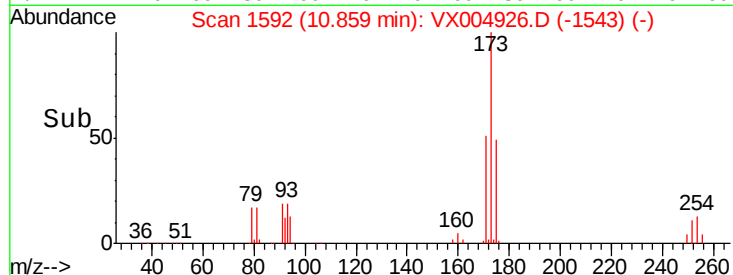
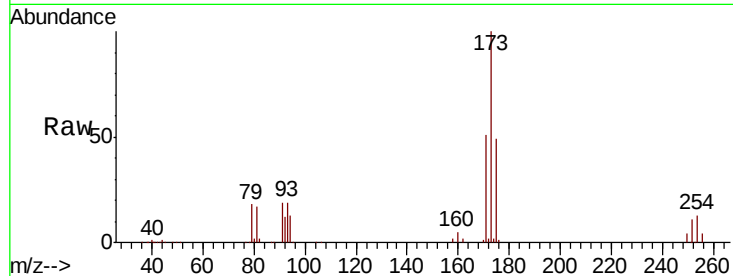
ClientSampleId :

VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.3	69.8
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

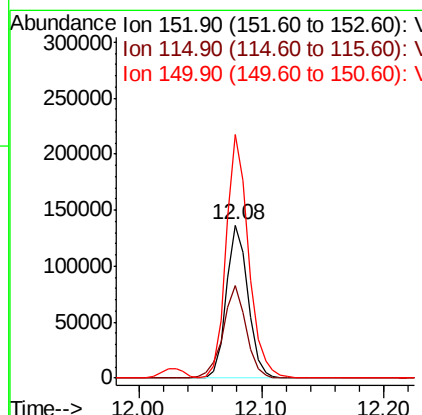
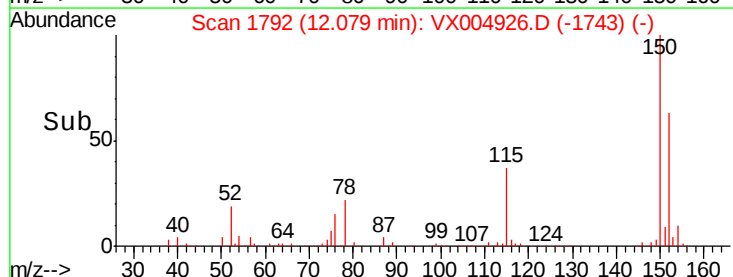
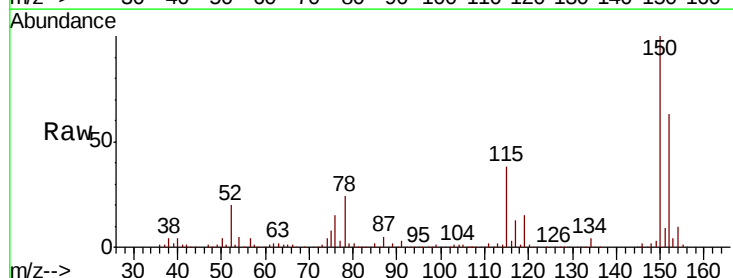
RT: 12.08 min Scan# 1792

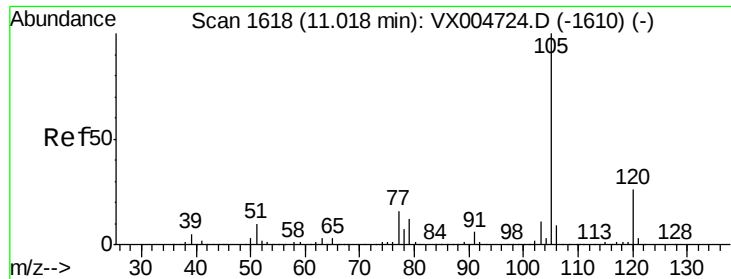
Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	40.2	120.6
150	164.6	0.0	351.0





#73

Isopropylbenzene

Concen: 19.315 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion: 105 Resp: 203083

Ion Ratio Lower Upper

105 100

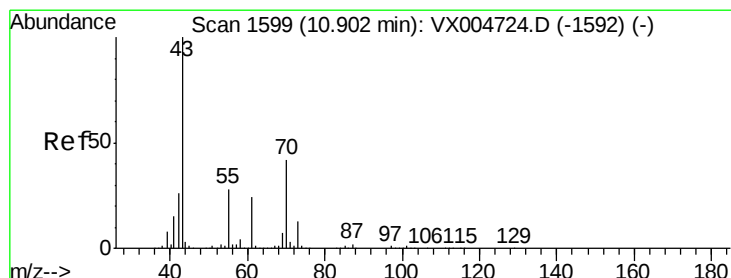
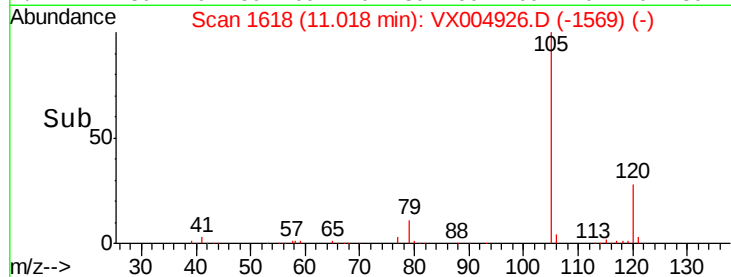
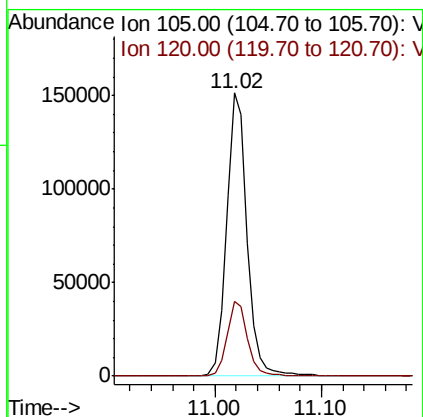
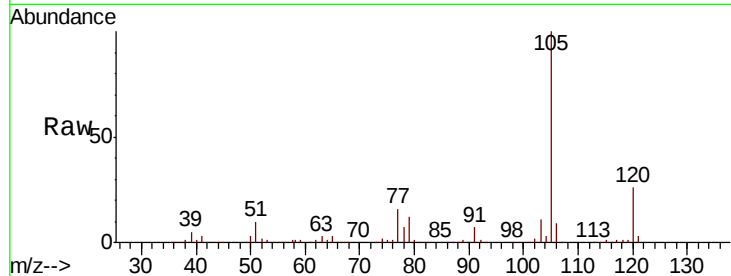
120 26.7 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 22.155 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion: 43 Resp: 122205

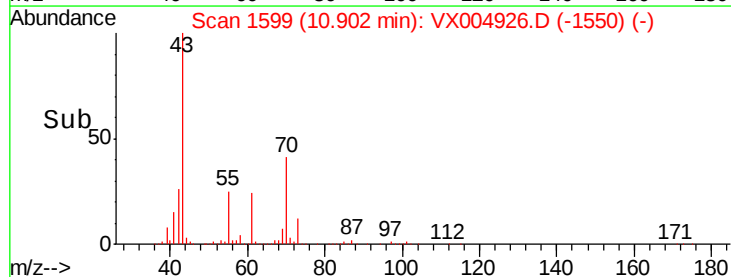
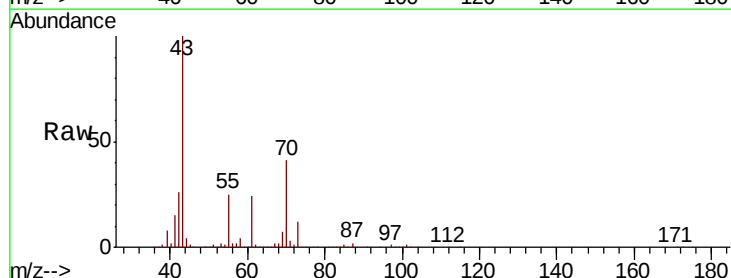
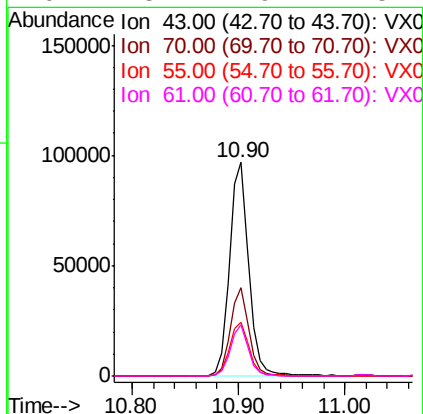
Ion Ratio Lower Upper

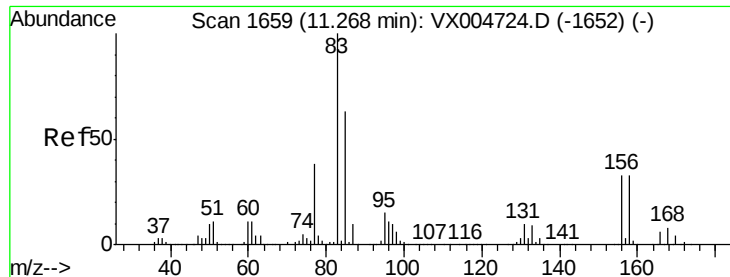
43 100

70 40.4 32.6 48.8

55 26.0 21.6 32.4

61 23.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.051 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

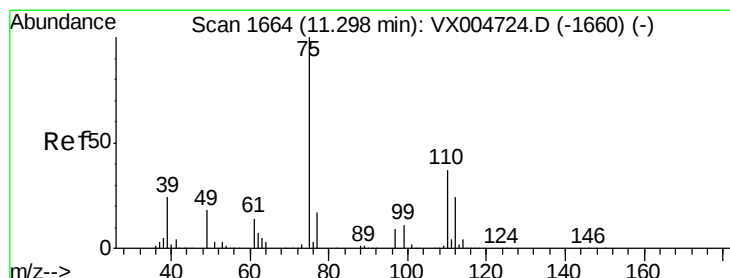
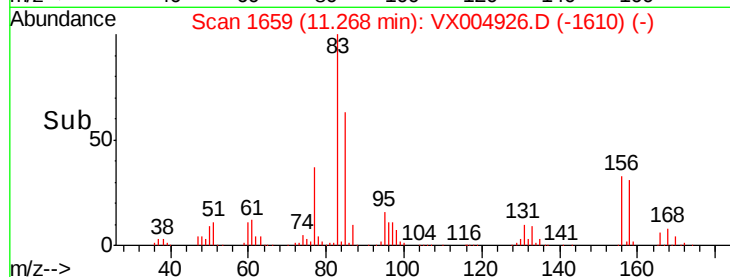
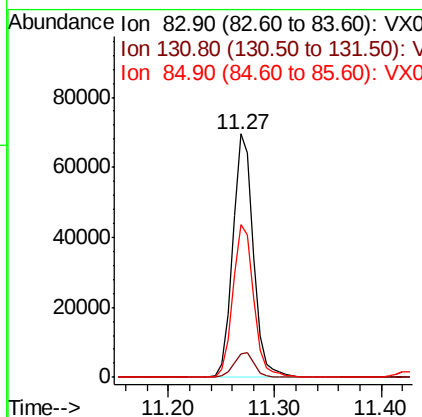
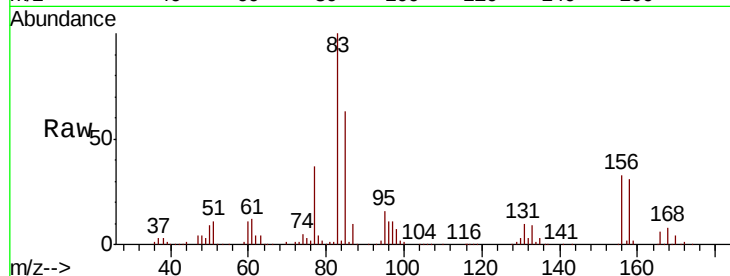
ClientSampled :

VX1003WBSD01

Tot Ion:	83	Resp:	94381
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.821 ug/l m

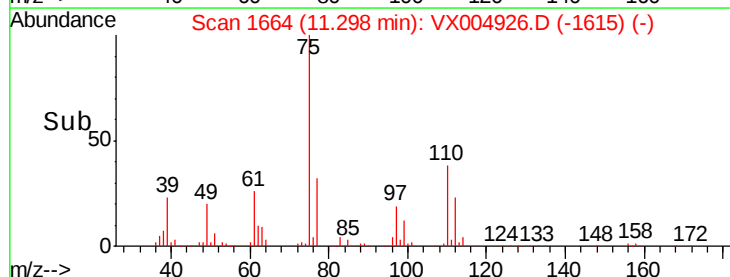
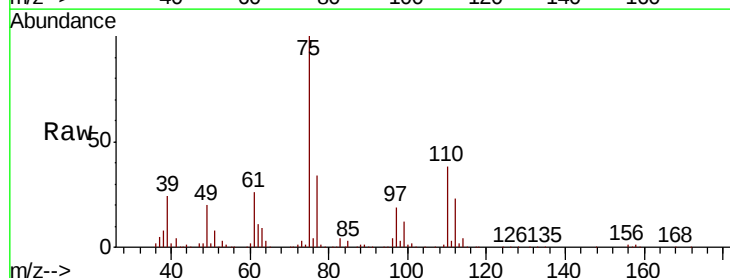
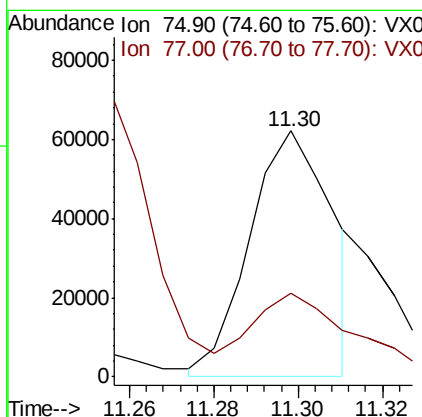
RT: 11.30 min Scan# 1664

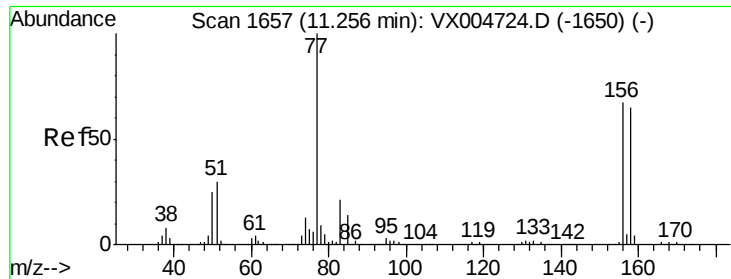
Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion:	75	Resp:	85323
Ion Ratio	Lower	Upper	
75	100		
77	41.4	21.4	64.3





#77

Bromobenzene

Concen: 21.288 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion:156 Resp: 65012

Ion Ratio Lower Upper

156 100

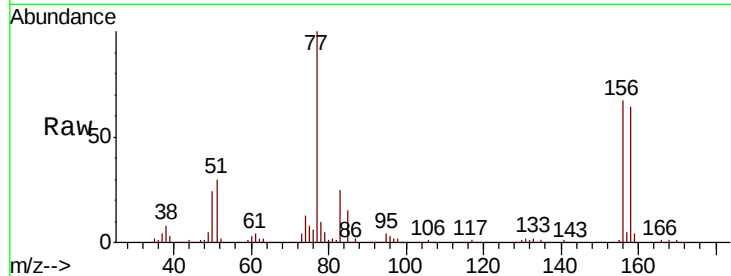
77 145.2 73.4 220.2

158 97.2 49.1 147.4

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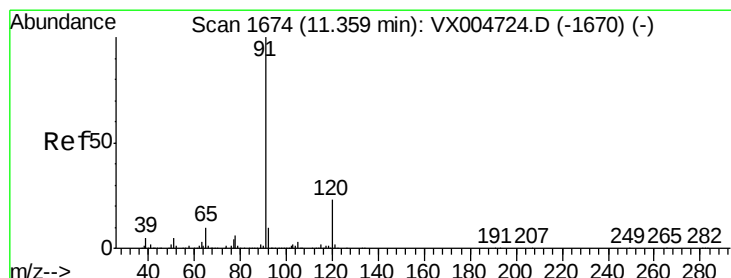
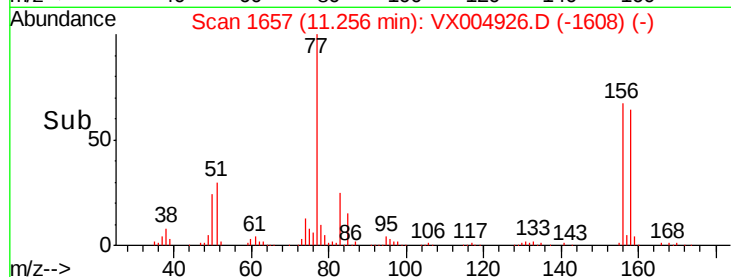
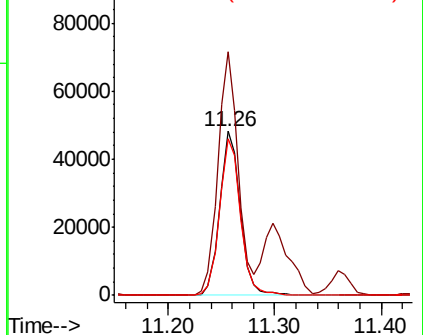
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.064 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004926.D

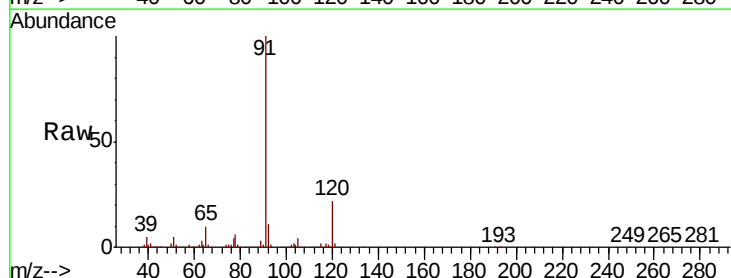
Acq: 02 Oct 2018 18:34

Tgt Ion: 91 Resp: 229989

Ion Ratio Lower Upper

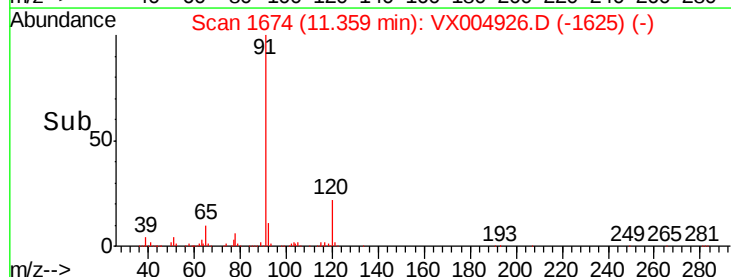
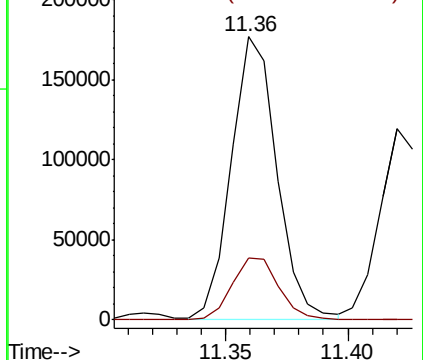
91 100

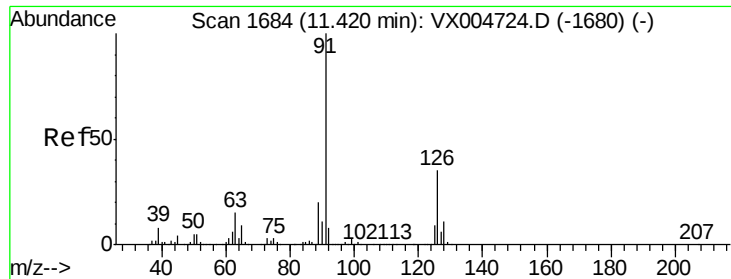
120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.035 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion: 91 Resp: 158179

Ion Ratio Lower Upper

91 100

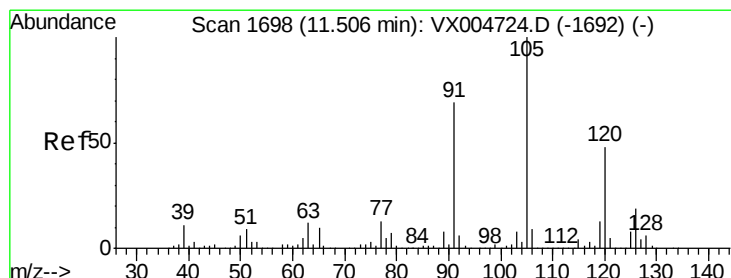
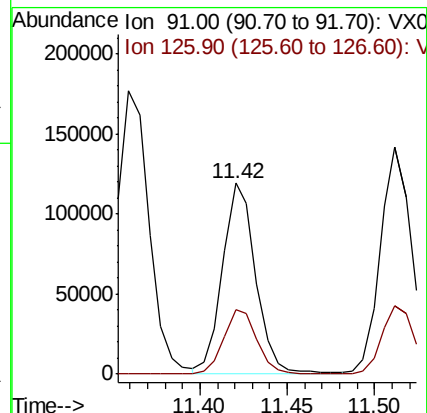
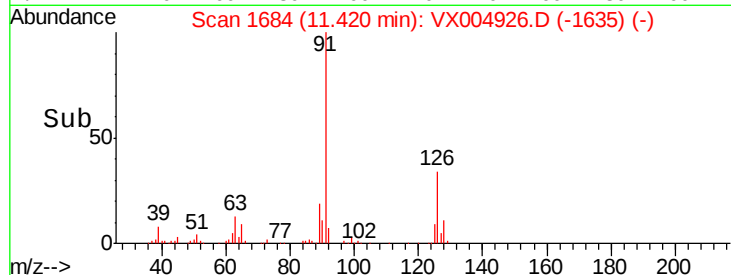
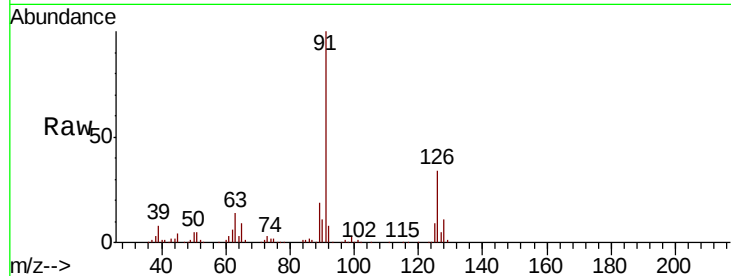
126 34.0 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.362 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004926.D

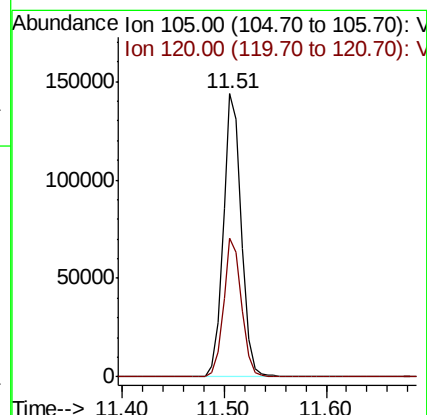
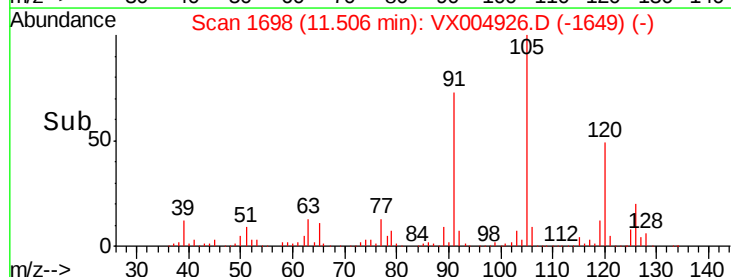
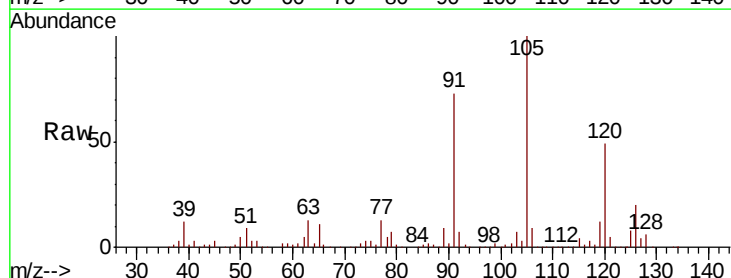
Acq: 02 Oct 2018 18:34

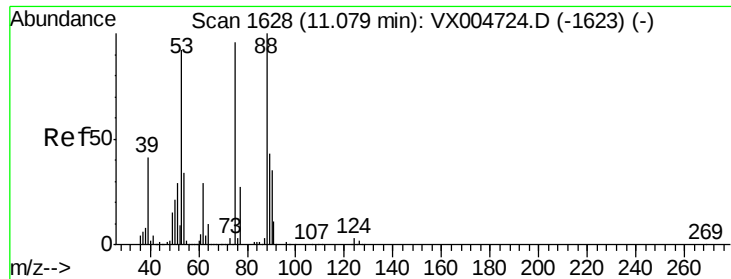
Tgt Ion: 105 Resp: 178160

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





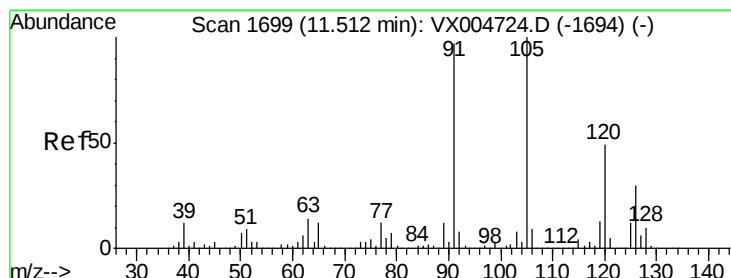
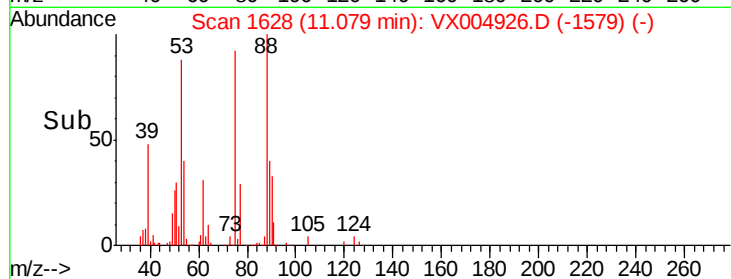
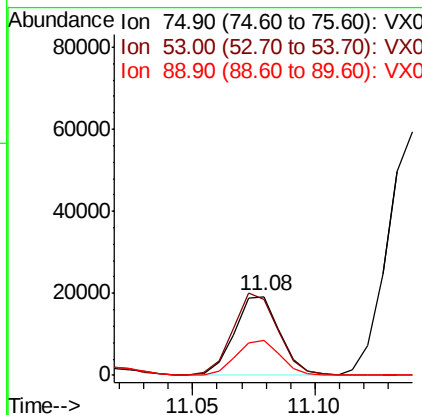
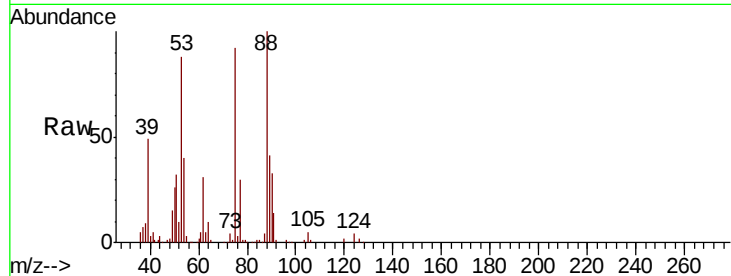
#81
trans-1,4-Dichloro-2-butene
Concen: 19.129 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampled :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.8	80.2	120.4
89	45.6	37.1	55.7

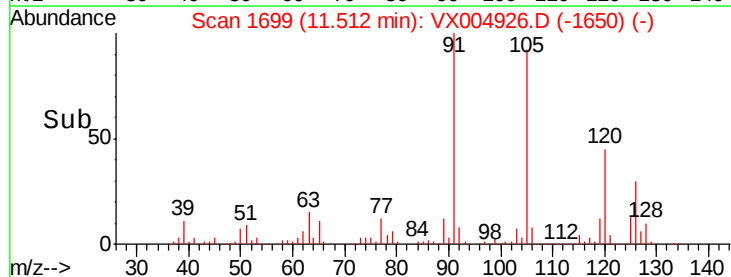
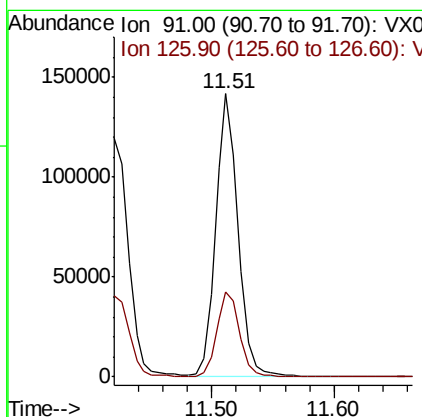
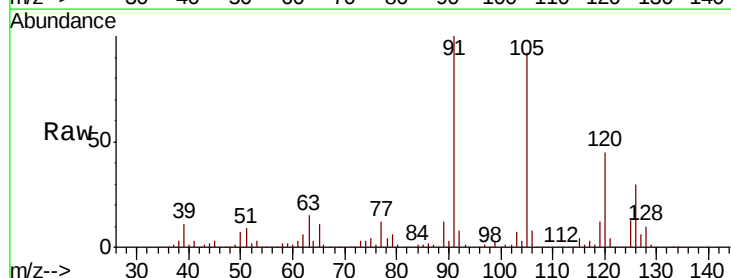
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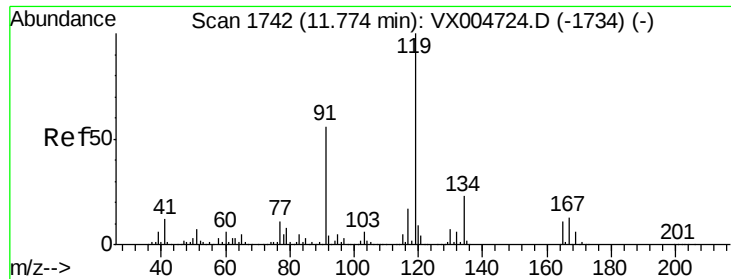
sam
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#82
4-Chlorotoluene
Concen: 20.357 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





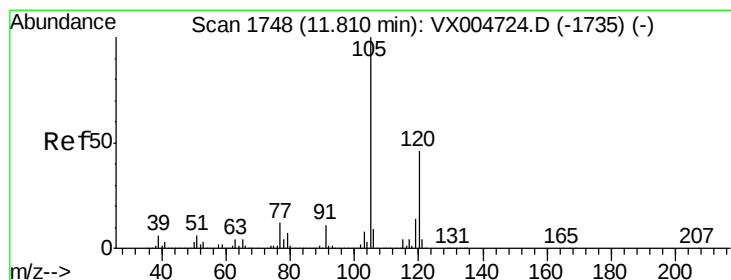
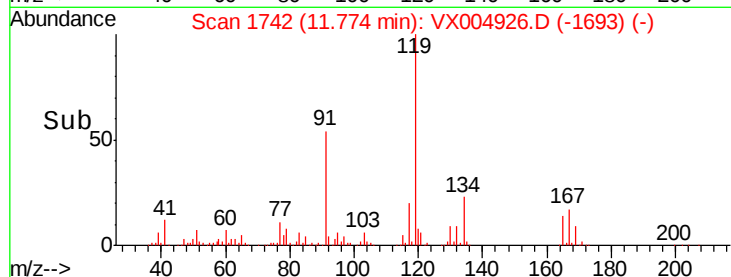
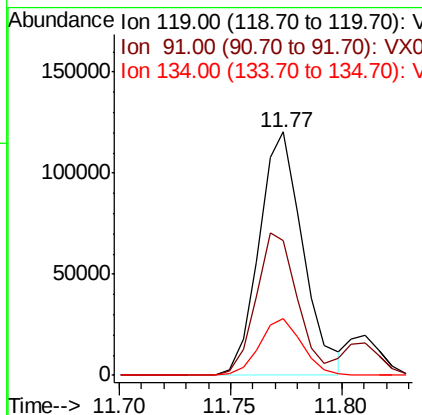
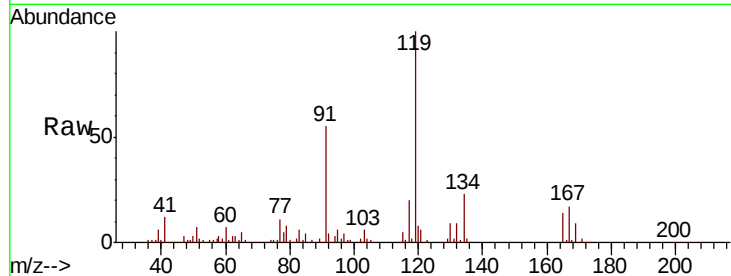
#83
 tert-Butylbenzene
 Concen: 19.046 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.0	27.5	82.5
134	22.8	11.5	34.4

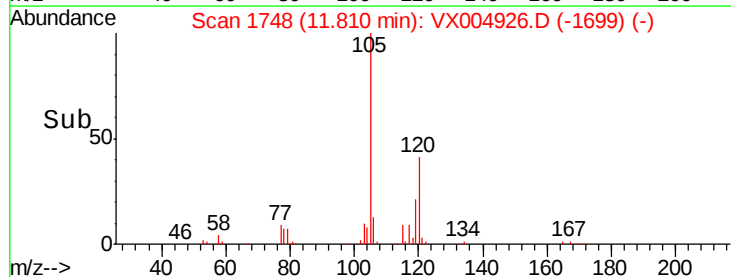
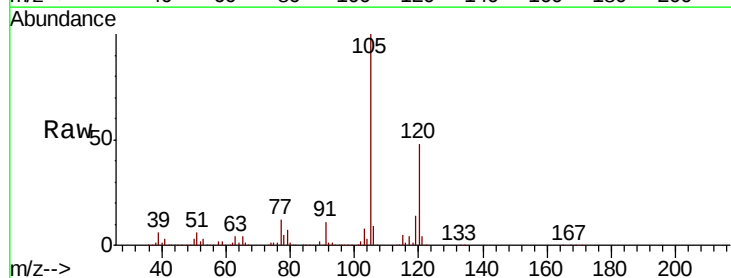
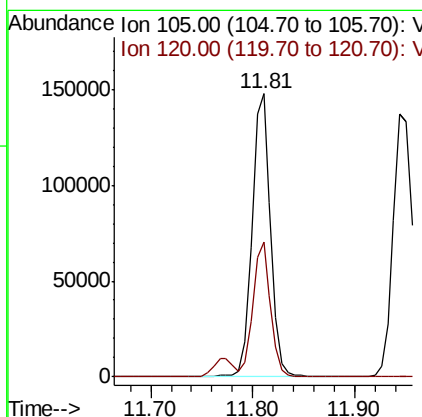
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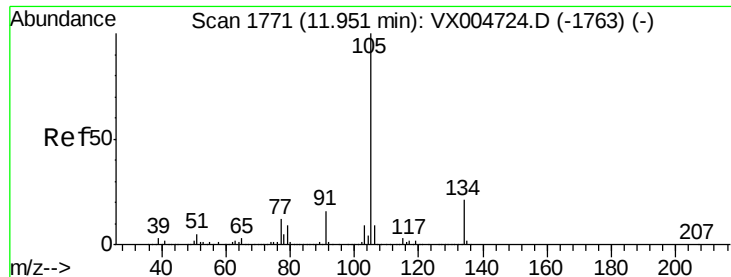
sam
 10/3/2018 5:56:40 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.690 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3





#85

sec-Butylbenzene

Concen: 17.501 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

Tot Ion:105 Resp: 184534

Ion Ratio Lower Upper

105 100

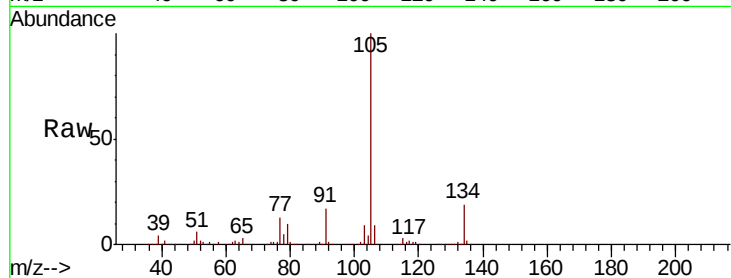
134 20.3 10.2 30.4

Manual Integrations

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sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

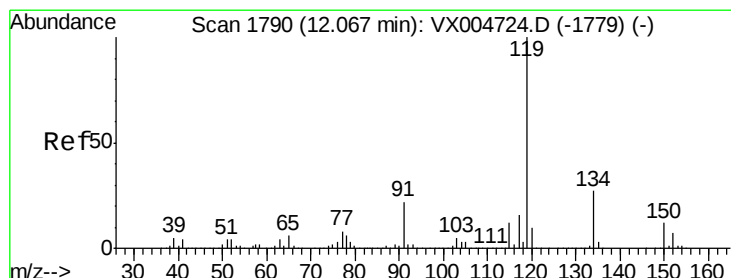
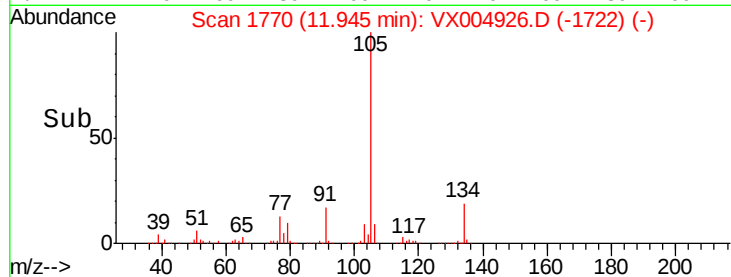
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.734 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

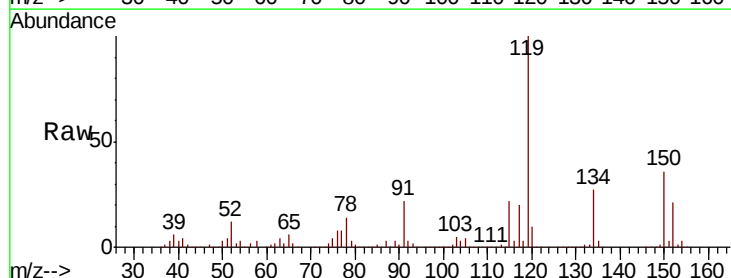
Tgt Ion:119 Resp: 169420

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 23.1 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

200000

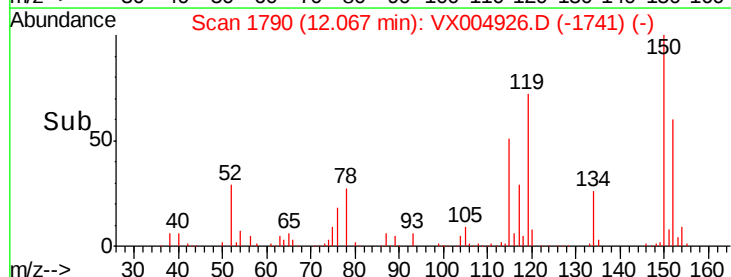
150000

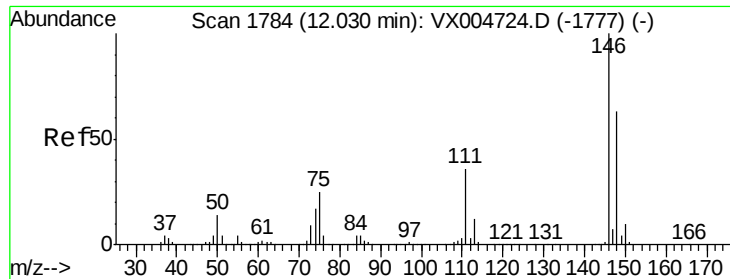
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.754 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

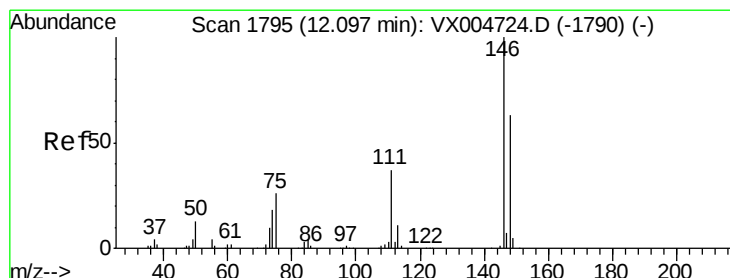
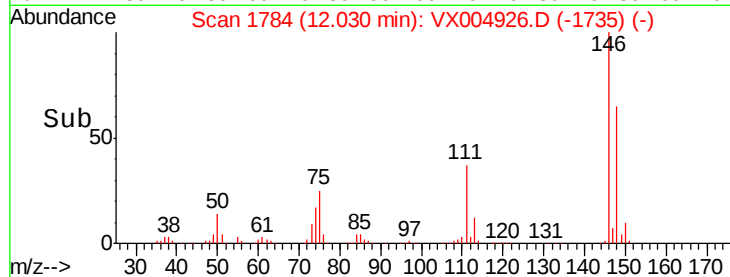
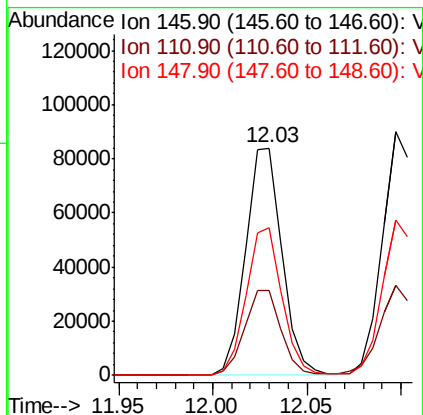
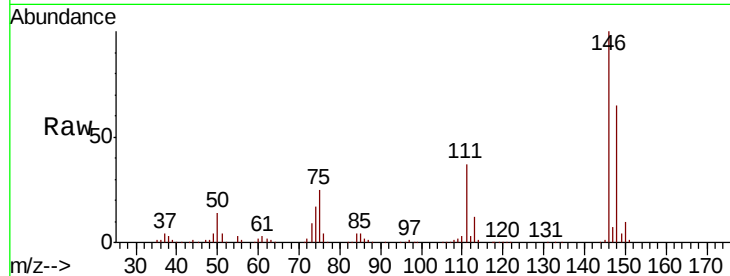
ClientSampleId :

VX1003WBSD01

Tot Ion:	146	Resp:	112650
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.9	56.9
148	64.0	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.525 ug/l

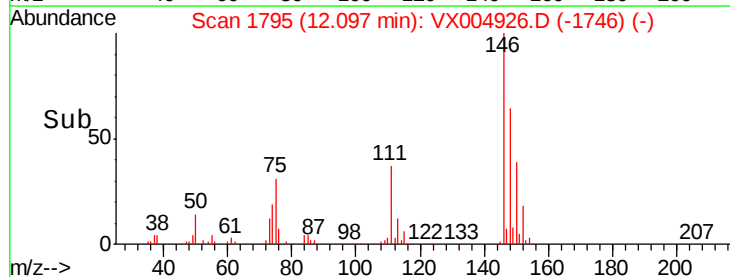
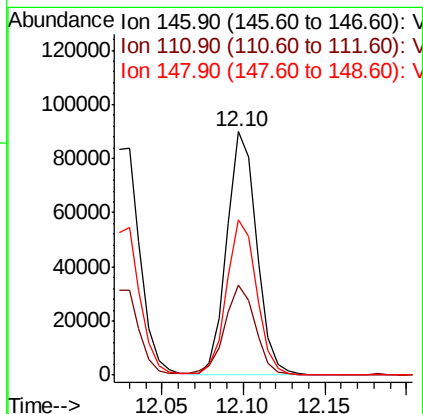
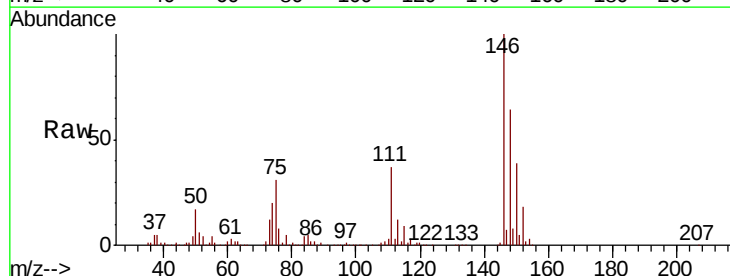
RT: 12.10 min Scan# 1795

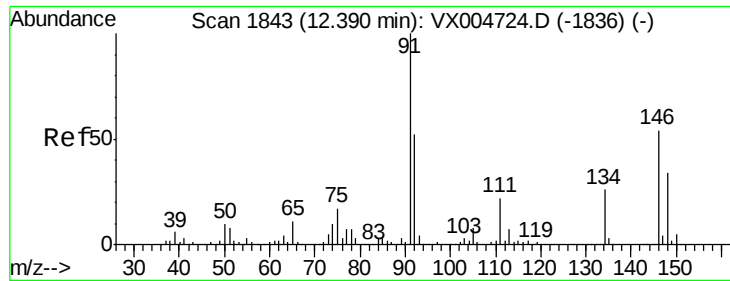
Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion:	146	Resp:	114940
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.4	55.2
148	64.1	32.0	96.0





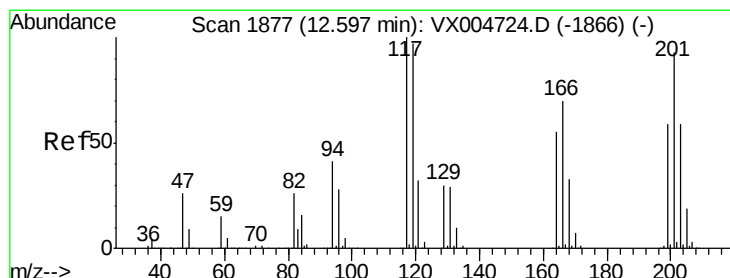
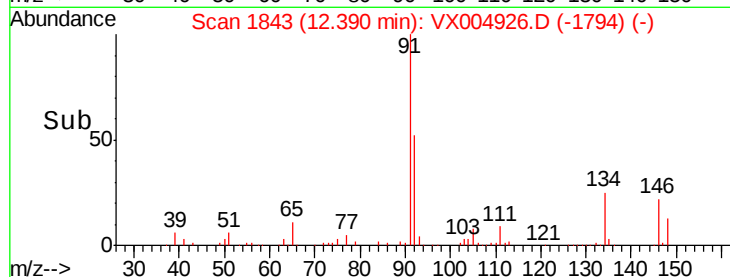
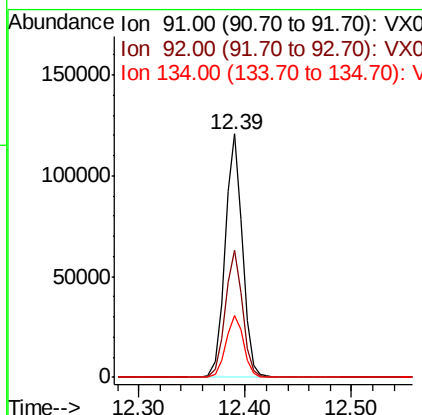
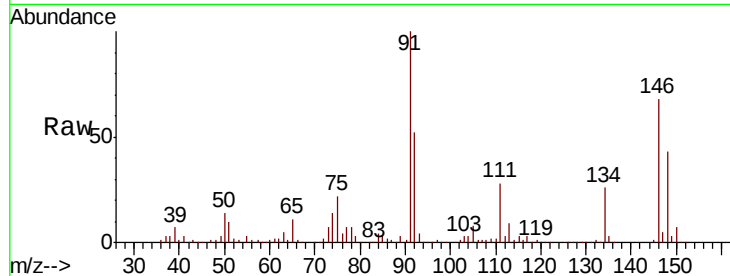
#89
n-Butylbenzene
Concen: 15.814 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	26.1	13.2	39.6

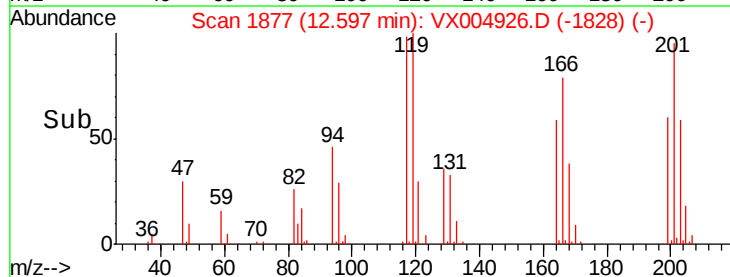
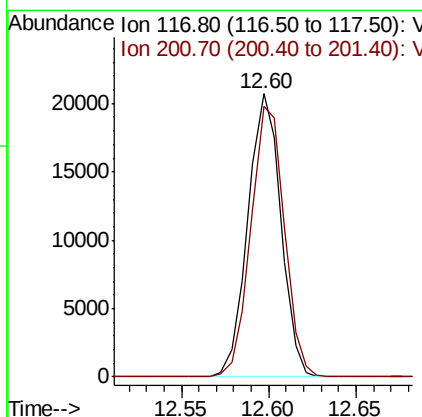
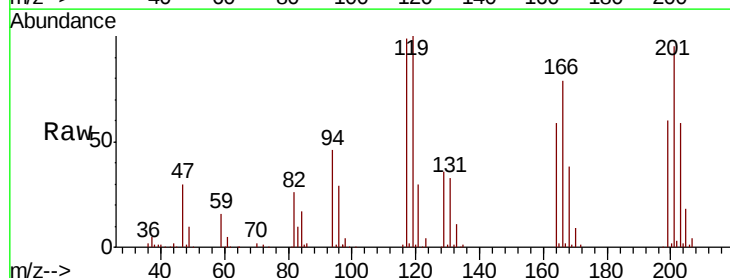
Manual Integrations
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sam
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#90
Hexachloroethane
Concen: 17.096 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.9	48.4	145.0





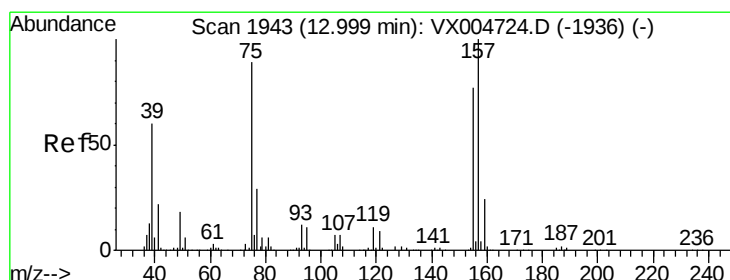
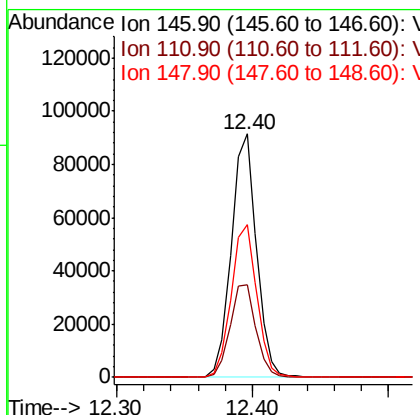
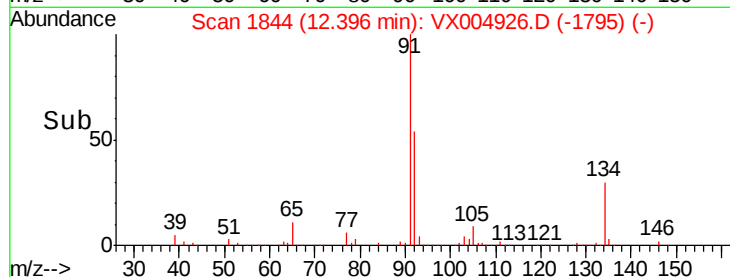
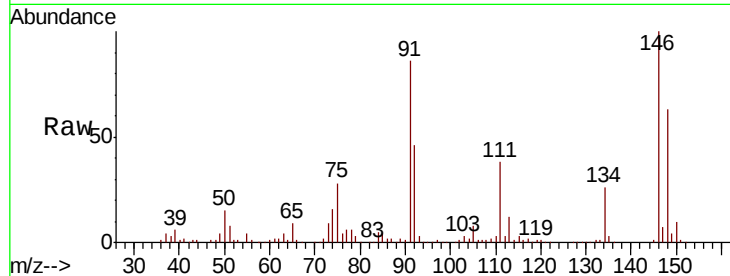
#91
 1,2-Dichlorobenzene
 Concen: 19.705 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.8	31.8	95.4

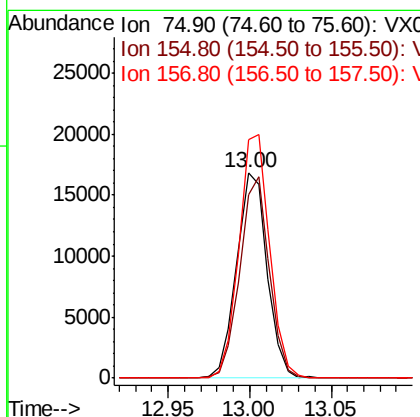
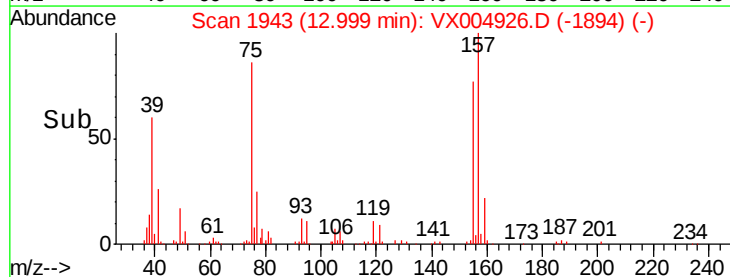
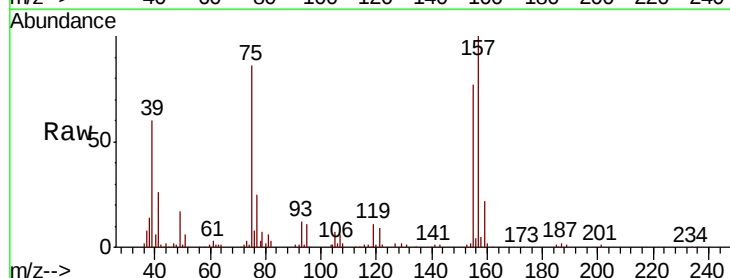
Manual Integrations
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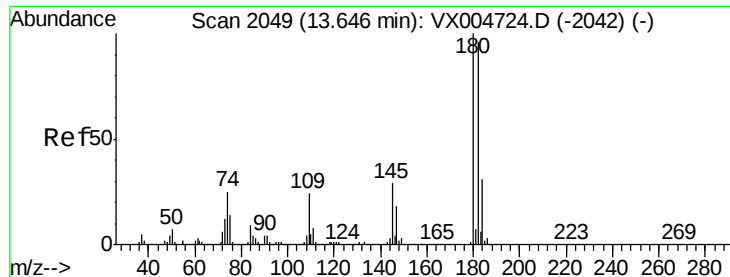
sam
 10/3/2018 5:56:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.374 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	46.1	138.3
157	118.7	60.2	180.6





#93

1,2,4-Trichlorobenzene

Concen: 19.066 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

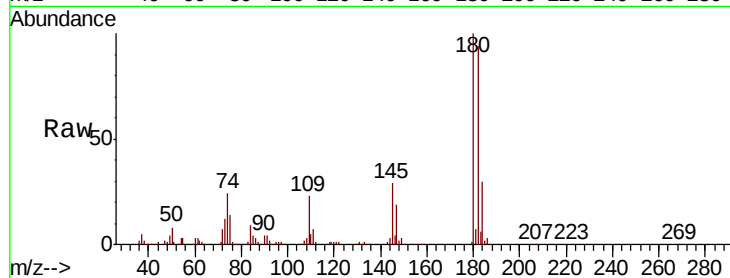
ClientSampleId :

VX1003WBSD01

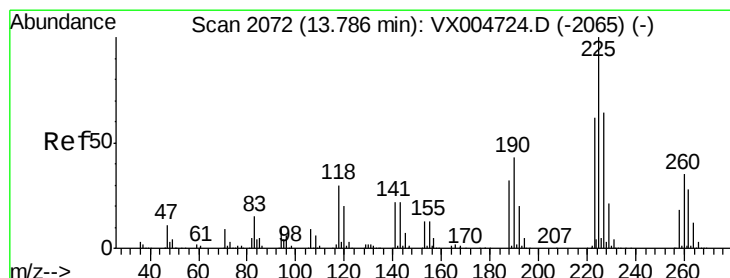
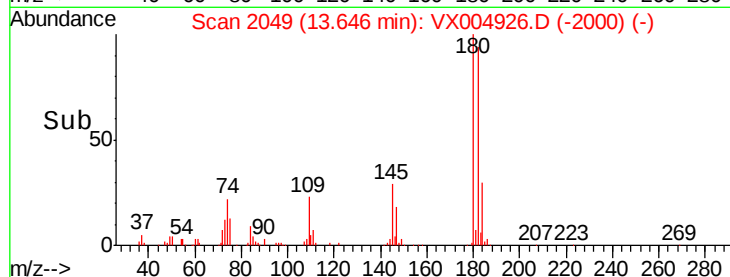
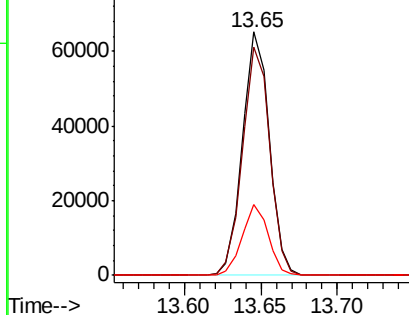
Tot Ion:	180	Resp:	79706
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.8	143.4
145	28.2	14.1	42.4

Manual Integrations
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sam
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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: 13.643 ug/l

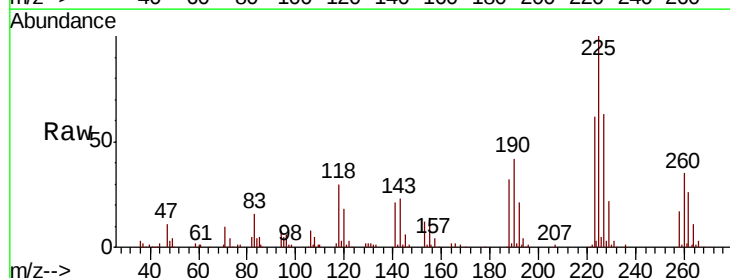
RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

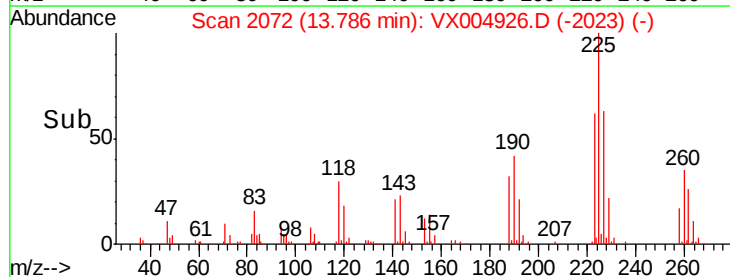
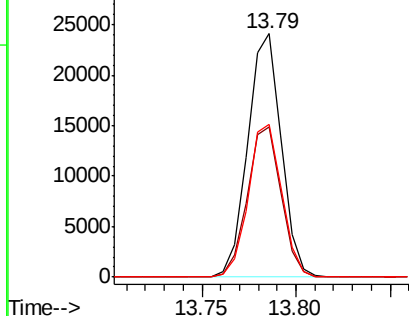
Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion:	225	Resp:	29576
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.3	93.8
227	63.0	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





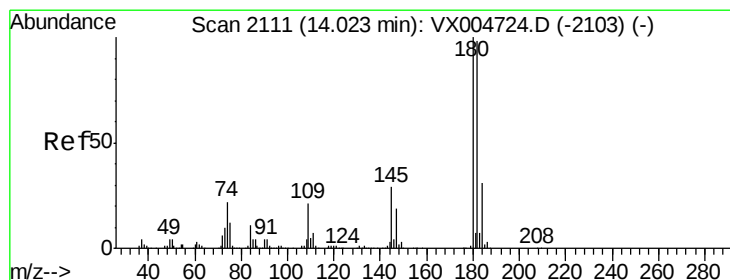
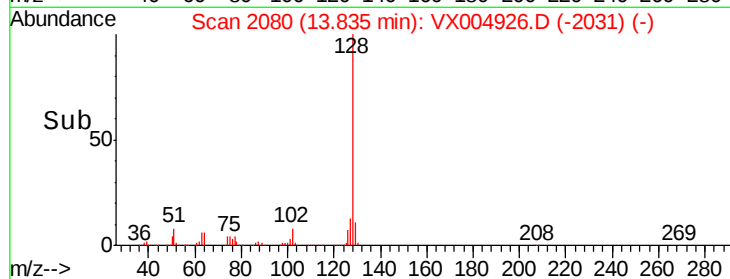
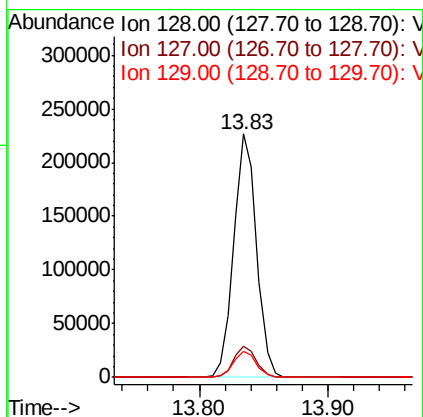
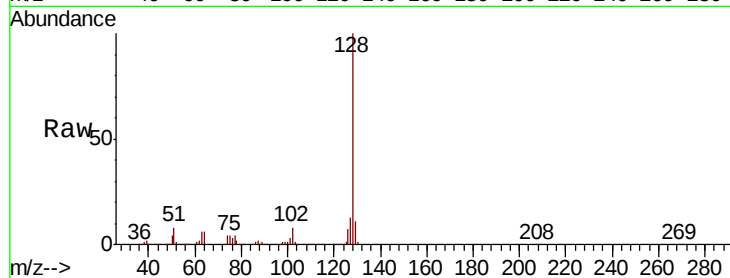
#95
Naphthalene
Concen: 20.659 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
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sam
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#96
1,2,3-Trichlorobenzene
Concen: 19.944 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.8
145	29.6	15.0	45.0

