

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004725.D
 Acq On : 26 Sep 2018 13:21
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:30:59 PM

Quant Time: Sep 26 13:47:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	405930	88.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.22%	
35) Dibromofluoromethane	5.50	113	332167	96.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.48%	
50) Toluene-d8	8.72	98	1123453	109.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.68%	
62) 4-Bromofluorobenzene	11.14	95	431641	117.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	234.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	434470	90.238	ug/l	99
3) Chloromethane	1.32	50	451577	85.098	ug/l	99
4) Vinyl Chloride	1.40	62	461148	92.504	ug/l	96
5) Bromomethane	1.64	94	242610	84.695	ug/l	96
6) Chloroethane	1.70	64	242620	88.981	ug/l	97
7) Trichlorofluoromethane	1.92	101	538753	84.426	ug/l	97
8) Diethyl Ether	2.19	74	240191	98.865	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	302225	95.021	ug/l	98
10) Methyl Iodide	2.50	142	428925	83.259	ug/l	96
11) Tert butyl alcohol	3.10	59	587798	484.352	ug/l	100
12) 1,1-Dichloroethene	2.36	96	301566	95.835	ug/l	96
13) Acrolein	2.29	56	459881	551.535	ug/l	96
14) Allyl chloride	2.72	41	719806	98.230	ug/l	90
15) Acrylonitrile	3.15	53	1242400	449.555	ug/l	97
16) Acetone	2.45	43	1127740	432.619	ug/l	97
17) Carbon Disulfide	2.56	76	947836	94.382	ug/l	99
18) Methyl Acetate	2.78	43	608082	95.802	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	1025707	92.697	ug/l	93
20) Methylene Chloride	2.85	84	329783	79.806	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	324239	87.595	ug/l	90
22) Diisopropyl ether	3.87	45	1217958	98.595	ug/l	94
23) Vinyl Acetate	3.82	43	5528836	471.733	ug/l	97
24) 1,1-Dichloroethane	3.70	63	656978	88.263	ug/l	97
25) 2-Butanone	4.71	43	1802822	475.710	ug/l	94
26) 2,2-Dichloropropane	4.58	77	482954	97.662	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	363756	88.109	ug/l	90
28) Bromochloromethane	5.01	49	314609	96.309	ug/l	91
29) Tetrahydrofuran	5.16	42	1185979	484.485	ug/l	92
30) Chloroform	5.21	83	669371	103.403	ug/l	95
31) Cyclohexane	5.57	56	551580	90.444	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	518109	93.655	ug/l	98
36) 1,1-Dichloropropene	5.80	75	465474	106.842	ug/l	99
37) Ethyl Acetate	4.86	43	659866	110.824	ug/l	95
38) Carbon Tetrachloride	5.78	117	467029	101.651	ug/l	98

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Quant Time: Sep 26 13:47:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	504832	113.029	ug/l	94
40) Benzene	6.14	78	1432922	106.783	ug/l	96
41) Methacrylonitrile	5.07	41	356161	103.866	ug/l	95
42) 1,2-Dichloroethane	6.20	62	509422	105.791	ug/l	98
43) Isopropyl Acetate	6.46	43	916705	99.973	ug/l	99
44) Trichloroethene	7.21	130	337826	108.072	ug/l	92
45) 1,2-Dichloropropane	7.51	63	347399	108.209	ug/l	94
46) Dibromomethane	7.66	93	213230	106.546	ug/l	98
47) Bromodichloromethane	7.90	83	414711	108.215	ug/l	98
48) Methyl methacrylate	7.78	41	441238	111.530	ug/l	93
49) 1,4-Dioxane	7.76	88	204791	2063.268	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2963840	546.367	ug/l	96
52) Toluene	8.79	92	775274	100.496	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	489299	101.398	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	518603	109.777	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	320719	95.267	ug/l	97
56) Ethyl methacrylate	9.18	69	538642	105.119	ug/l	94
57) 1,3-Dichloropropane	9.37	76	544732	94.604	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1467357	535.729	ug/l	94
59) 2-Hexanone	9.50	43	2416357	498.942	ug/l	94
60) Dibromochloromethane	9.59	129	346540	94.215	ug/l	100
61) 1,2-Dibromoethane	9.68	107	341236	89.268	ug/l	99
64) Tetrachloroethene	9.34	164	317051	89.062	ug/l	97
65) Chlorobenzene	10.14	112	886037	99.174	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	321627	103.067	ug/l	99
67) Ethyl Benzene	10.26	91	1528303	106.967	ug/l	98
68) m/p-Xylenes	10.36	106	1194284	204.331	ug/l	96
69) o-Xylene	10.70	106	577757	109.254	ug/l	97
70) Styrene	10.71	104	986800	109.048	ug/l	97
71) Bromoform	10.86	173	301246	107.463	ug/l	98
73) Isopropylbenzene	11.02	105	1523113	94.568	ug/l	100
74) N-amyl acetate	10.90	43	793123	100.818	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	571960	98.719	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	513677m	96.755	ug/l	
77) Bromobenzene	11.26	156	420164	96.117	ug/l	98
78) n-propylbenzene	11.36	91	1796520	96.464	ug/l	99
79) 2-Chlorotoluene	11.42	91	1085864	97.139	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1327238	95.685	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	186309	105.633	ug/l	97
82) 4-Chlorotoluene	11.51	91	1277465	96.078	ug/l	100
83) tert-Butylbenzene	11.77	119	1302551	98.695	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1371995	96.137	ug/l	98
85) sec-Butylbenzene	11.95	105	1554391	96.775	ug/l	99
86) p-Isopropyltoluene	12.07	119	1410106	96.601	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	785734	96.974	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	800687	97.359	ug/l	100
89) n-Butylbenzene	12.39	91	1308274	99.629	ug/l	98
90) Hexachloroethane	12.60	117	226154	103.470	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	796651	96.257	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	130919	100.357	ug/l	98

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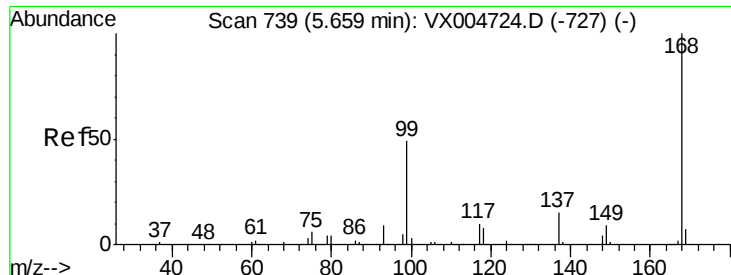
Manual Integrations
APPROVED

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10/1/2018 1:30:59 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	609974	100.284	ug/l	99
94) Hexachlorobutadiene	13.79	225	288906	98.970	ug/l	96
95) Naphthalene	13.83	128	1937347	99.302	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	620345	98.976	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: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 300019

Ion Ratio Lower Upper

168 100

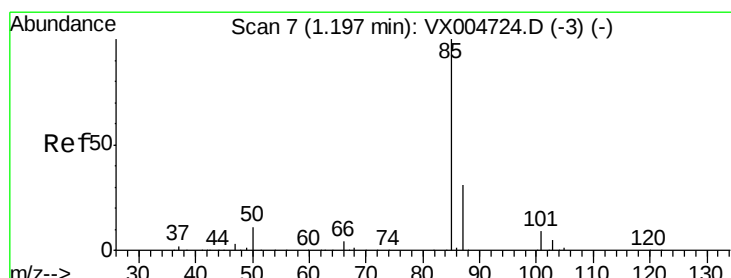
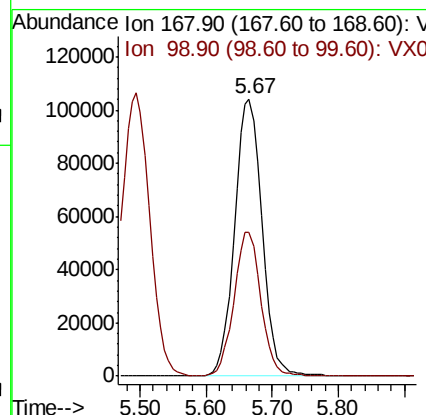
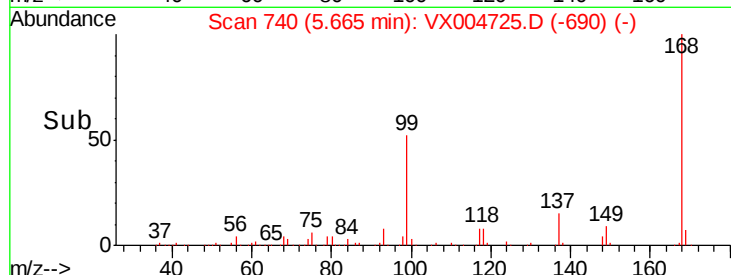
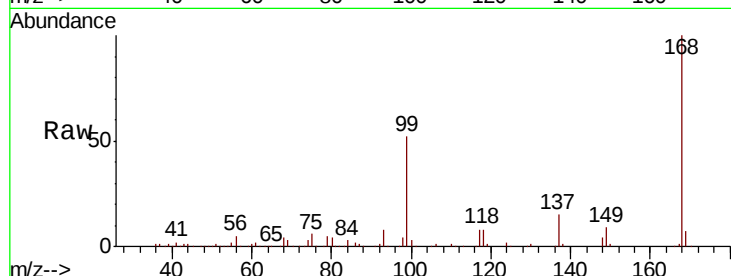
99 51.7 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 90.238 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004725.D

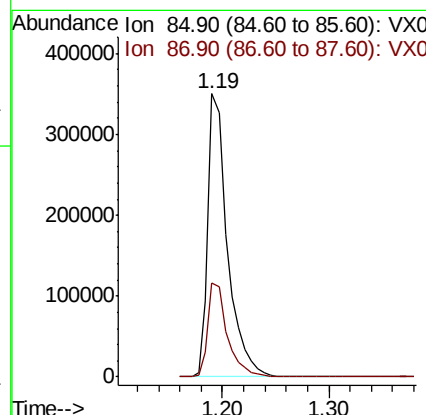
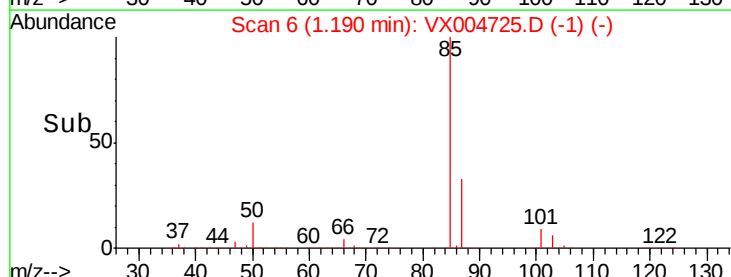
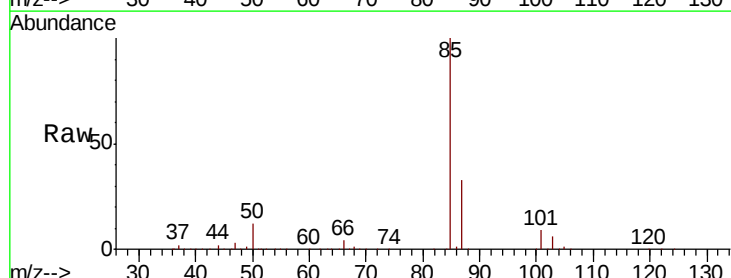
Acq: 26 Sep 2018 13:21

Tgt Ion: 85 Resp: 434470

Ion Ratio Lower Upper

85 100

87 33.1 17.0 50.9





#3

Chloromethane

Concen: 85.098 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 451577

Ion Ratio Lower Upper

50 100

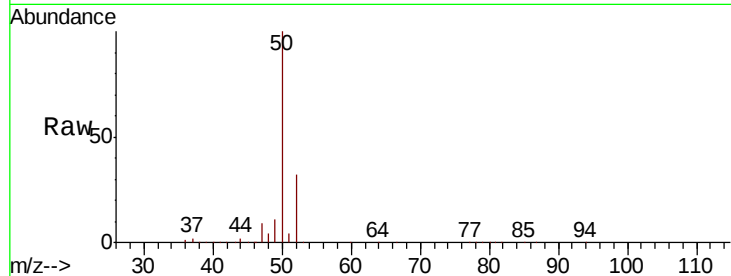
52 31.9 26.2 39.2

Manual Integrations

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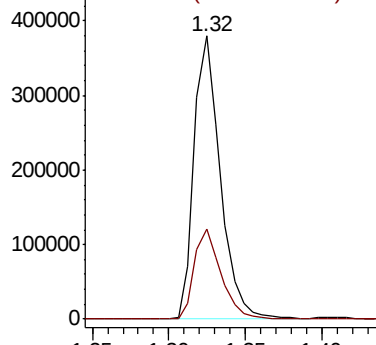
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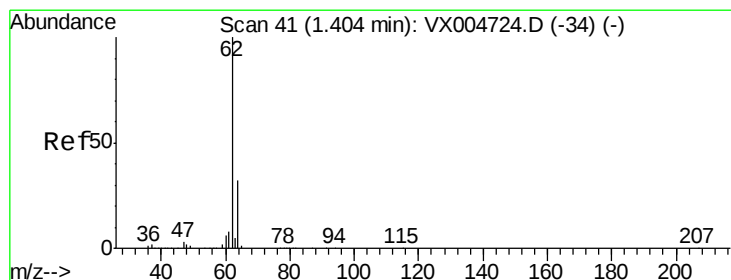
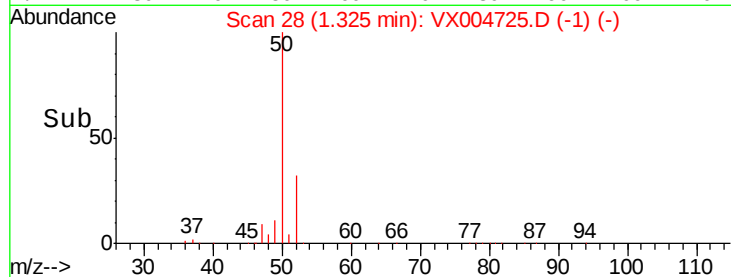


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 92.504 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004725.D

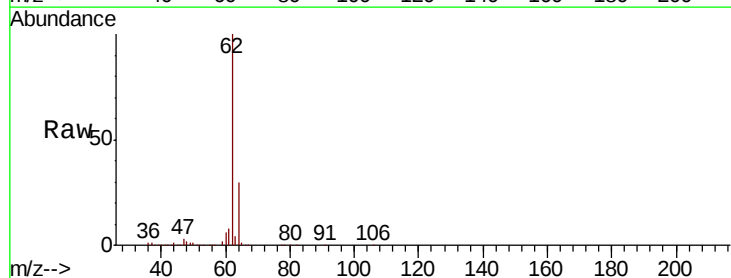
Acq: 26 Sep 2018 13:21

Tgt Ion: 62 Resp: 461148

Ion Ratio Lower Upper

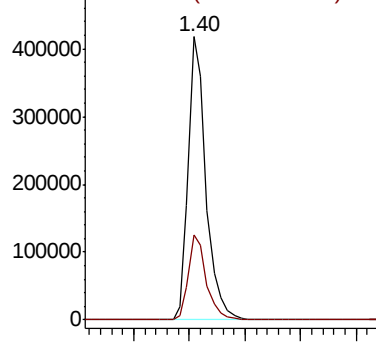
62 100

64 30.0 25.8 38.8

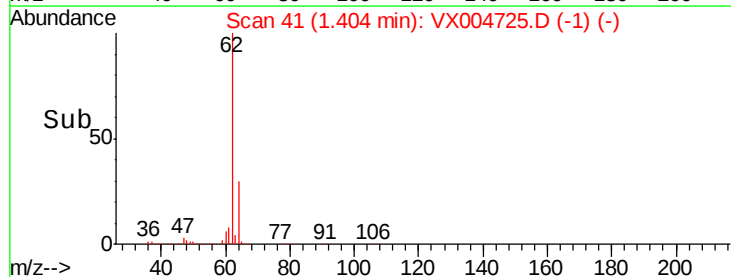


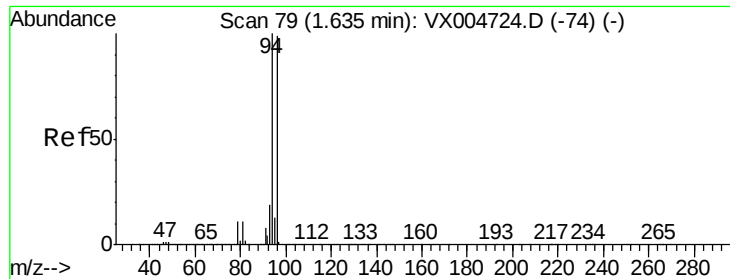
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 84.695 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 242610

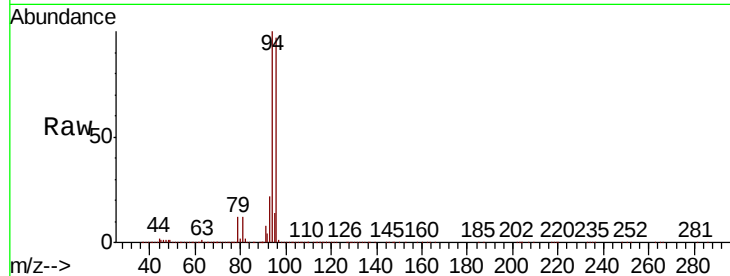
Ion Ratio Lower Upper

94 100

96 96.8 74.5 111.7

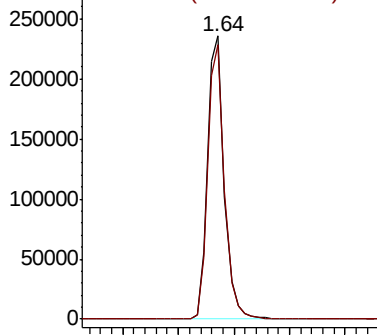
Manual Integrations
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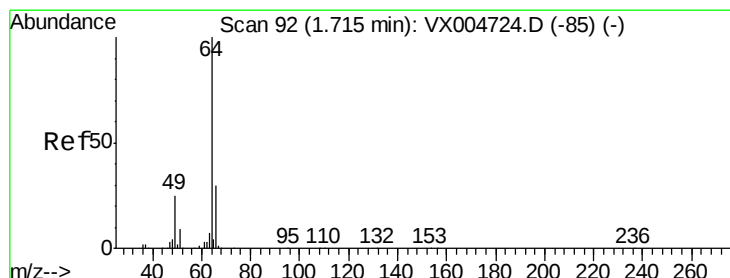
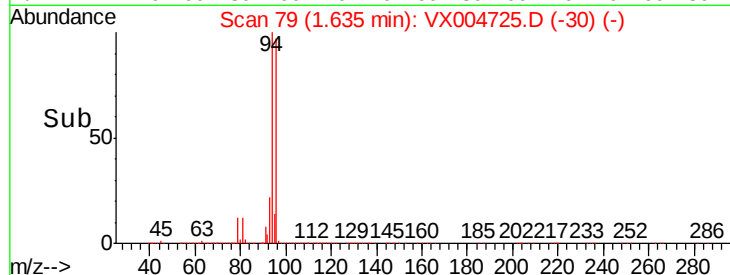


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 88.981 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX004725.D

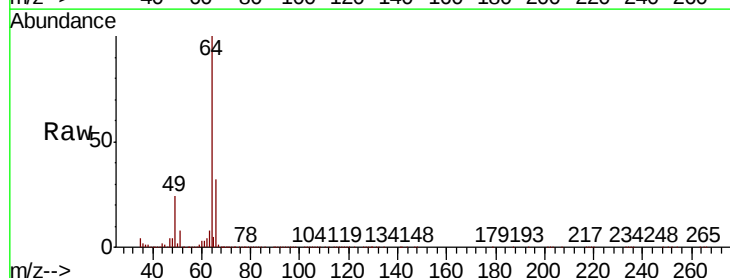
Acq: 26 Sep 2018 13:21

Tgt Ion: 64 Resp: 242620

Ion Ratio Lower Upper

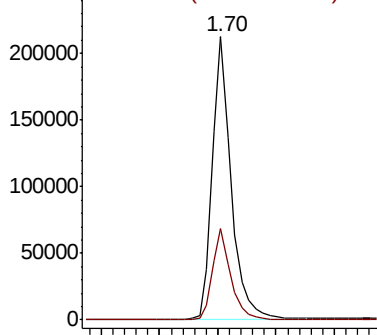
64 100

66 32.4 24.6 36.8

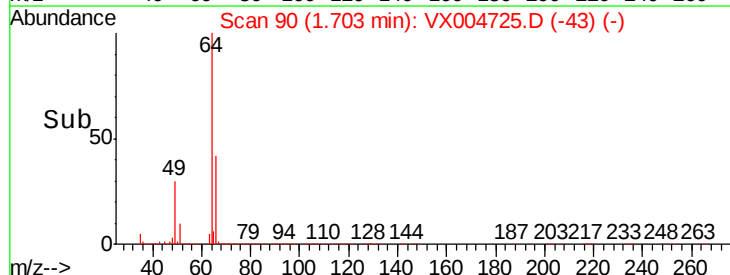


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

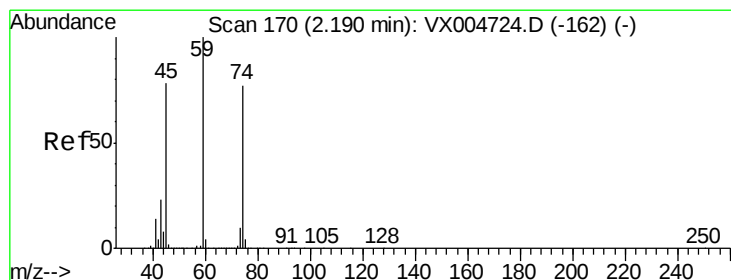
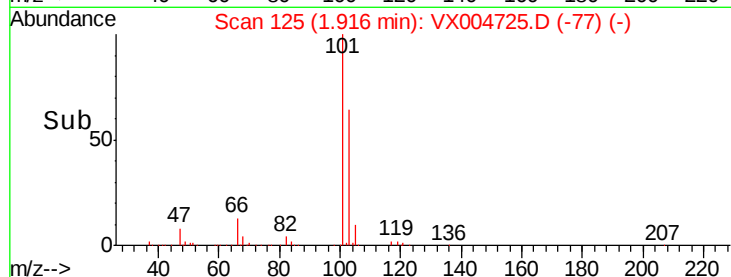
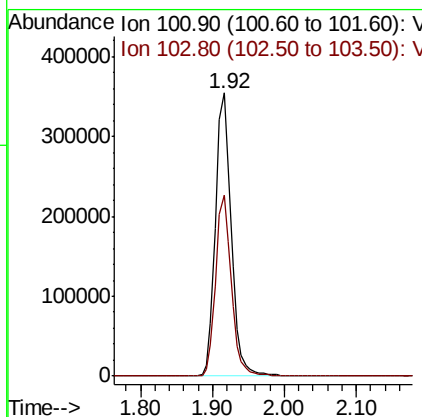
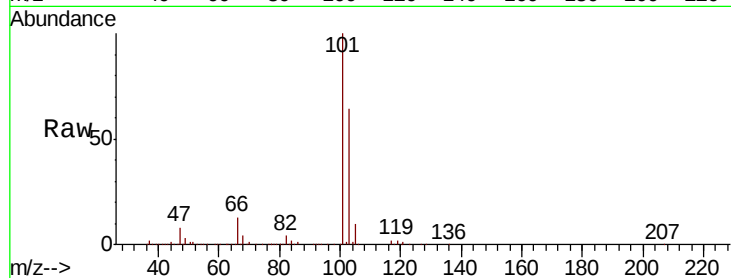
Trichlorofluoromethane
Concen: 84.426 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	48.9	73.3

Manual Integrations
APPROVED

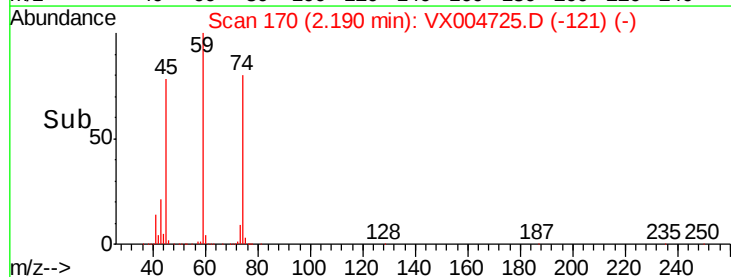
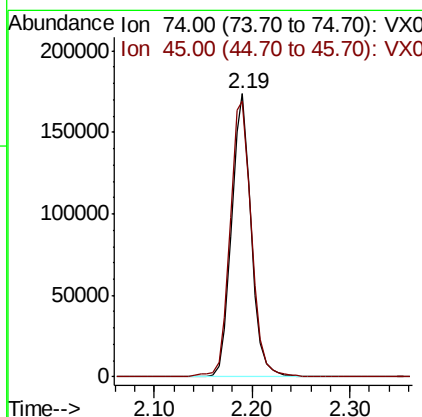
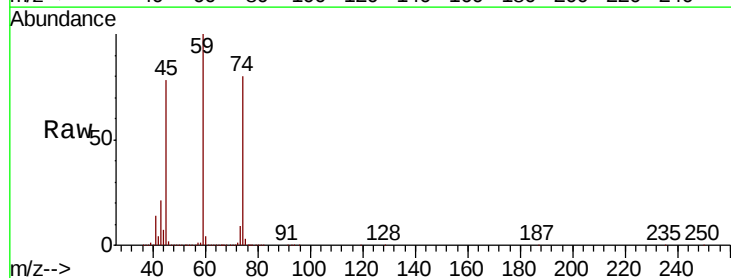
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10/1/2018 1:30:59 PM

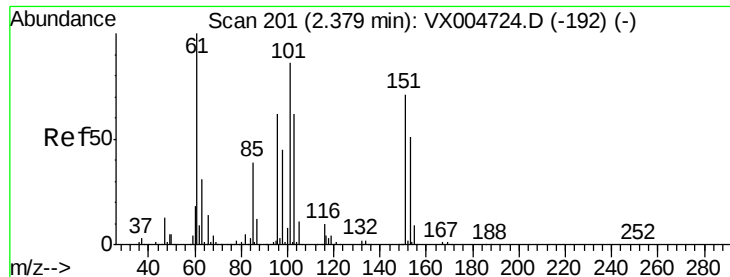


#8

Diethyl Ether
Concen: 98.865 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.021 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

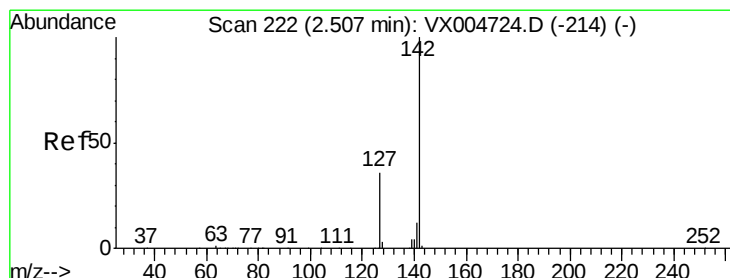
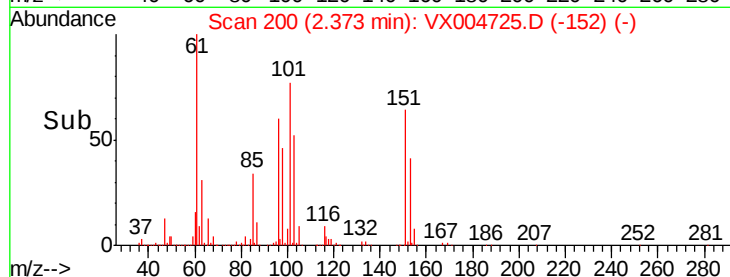
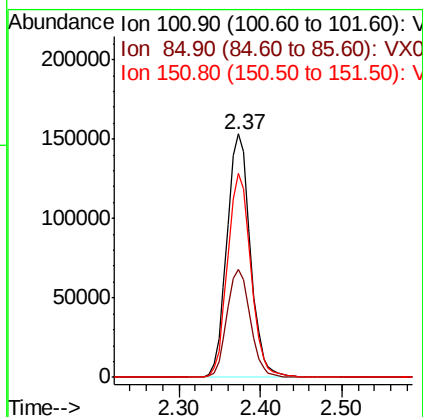
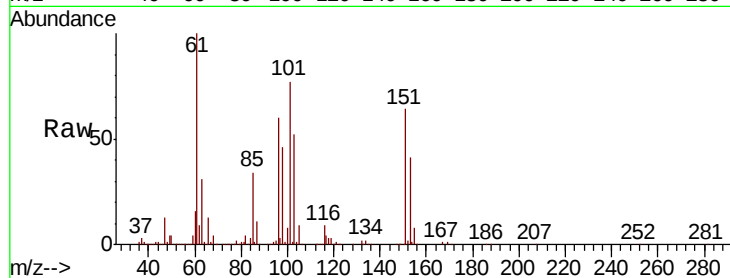
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	302225
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.2	51.4
151	83.4	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 83.259 ug/l

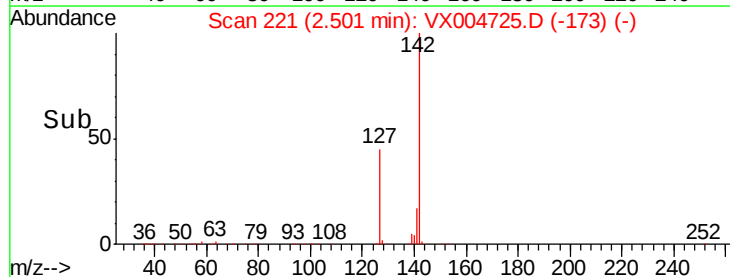
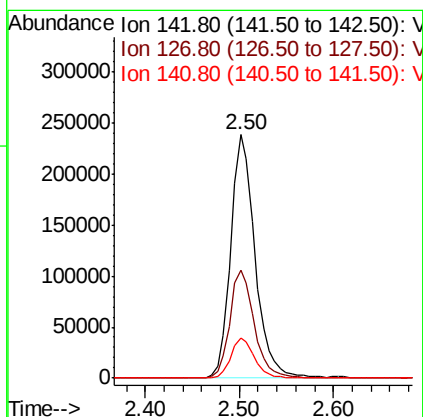
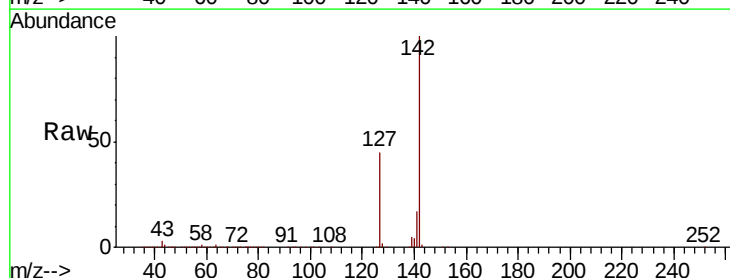
RT: 2.50 min Scan# 221

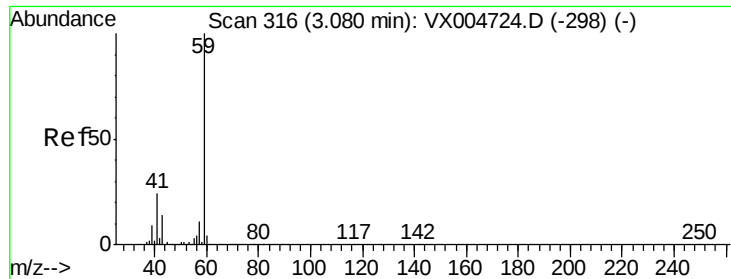
Delta R.T. -0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion:	142	Resp:	428925
Ion Ratio	Lower	Upper	
142	100		
127	44.4	33.8	50.6
141	16.2	11.4	17.0





#11

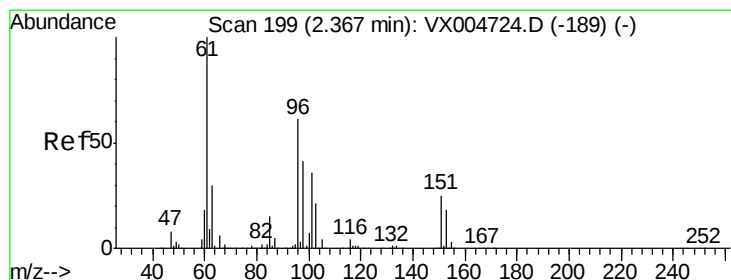
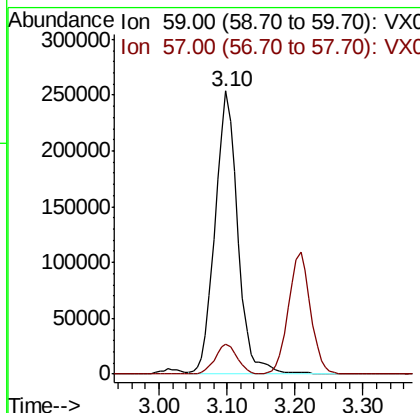
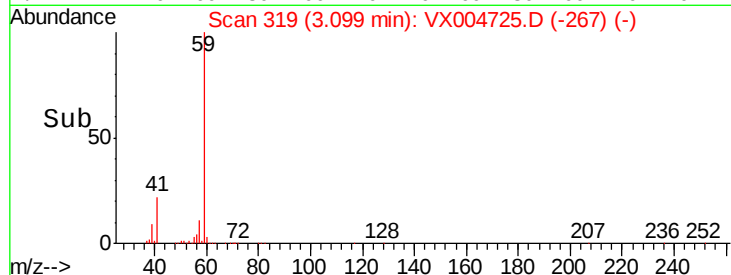
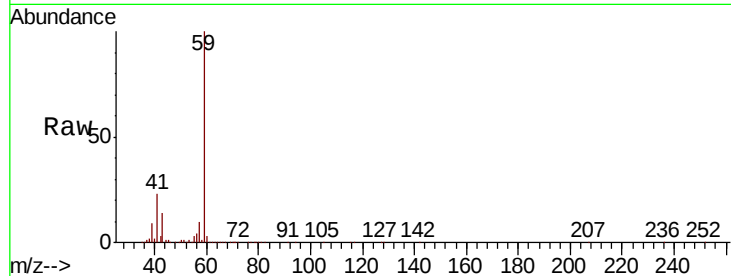
Tert butyl alcohol
Concen: 484.352 ug/l
RT: 3.10 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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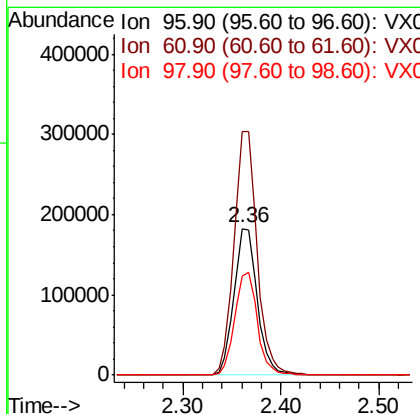
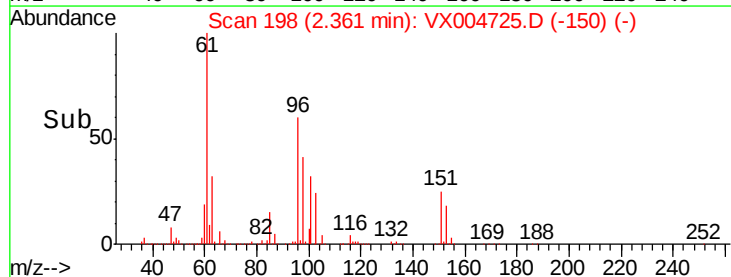
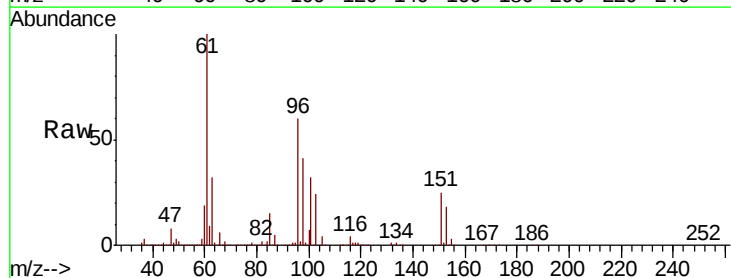
MMDadoda
10/1/2018 1:30:59 PM

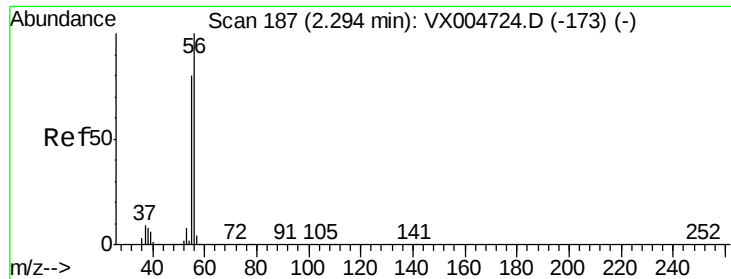


#12

1,1-Dichloroethene
Concen: 95.835 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.8	128.8	193.2
98	67.8	52.2	78.2





#13

Acrolein

Concen: 551.535 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 459881

Ion Ratio Lower Upper

56 100

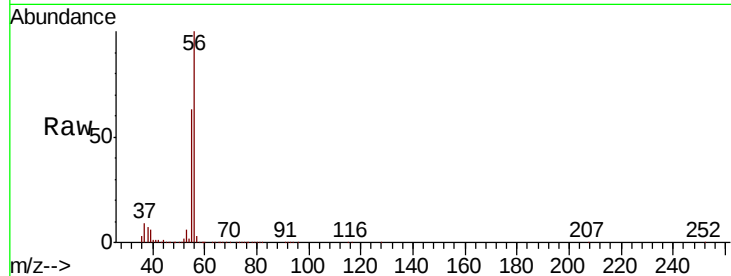
55 64.8 54.7 82.1

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

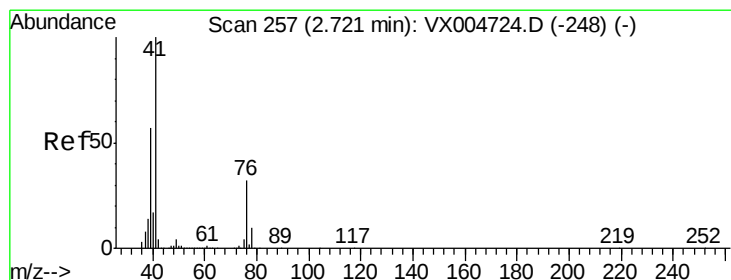
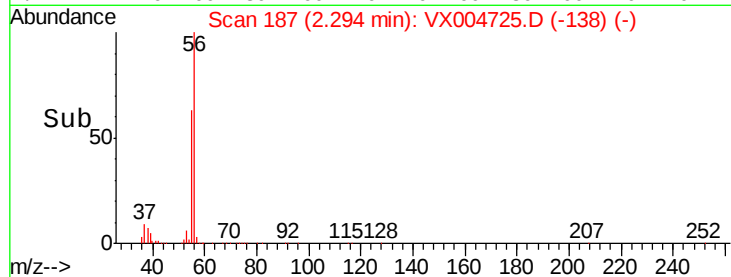
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 98.230 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

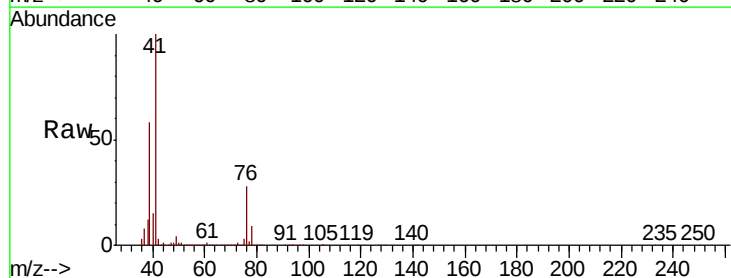
Tgt Ion: 41 Resp: 719806

Ion Ratio Lower Upper

41 100

39 53.6 48.9 73.3

76 28.0 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

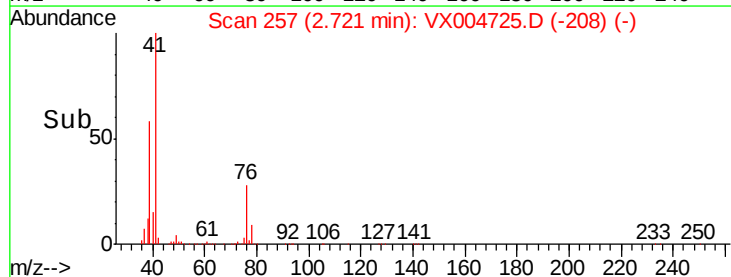
300000

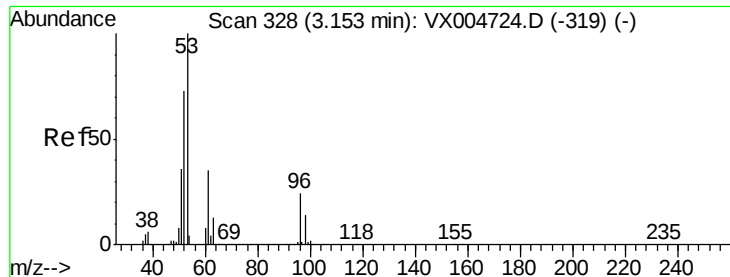
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 449.555 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 1242400

Ion Ratio Lower Upper

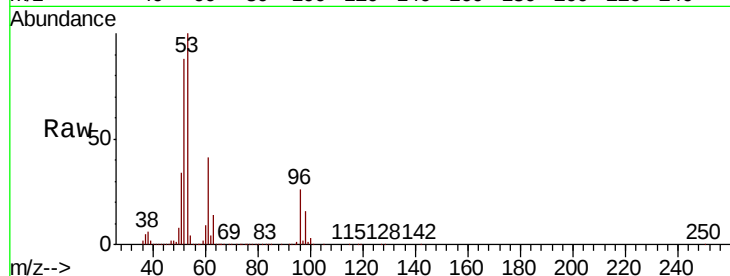
53 100

52 84.1 65.2 97.8

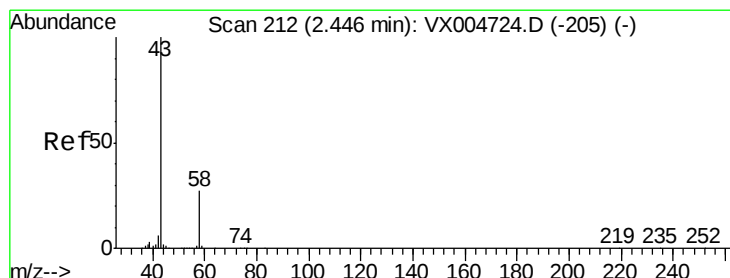
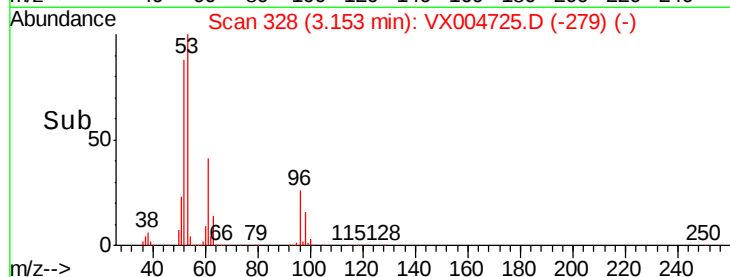
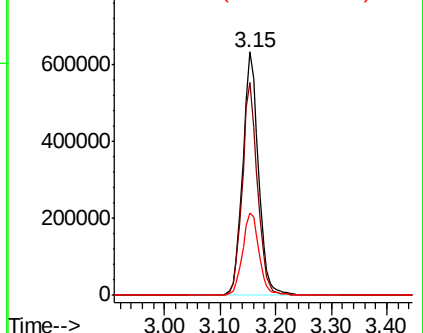
51 36.2 28.2 42.2

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Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 432.619 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX004725.D

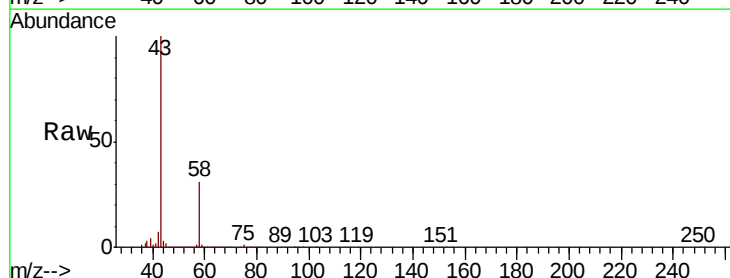
Acq: 26 Sep 2018 13:21

Tgt Ion: 43 Resp: 1127740

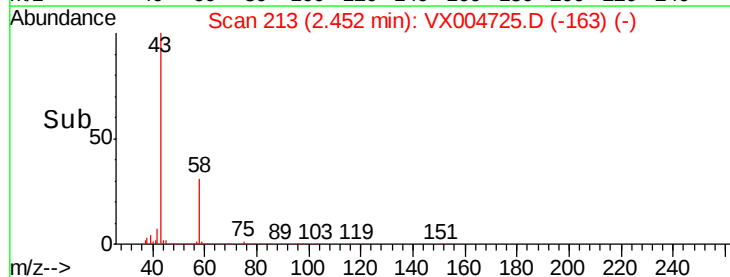
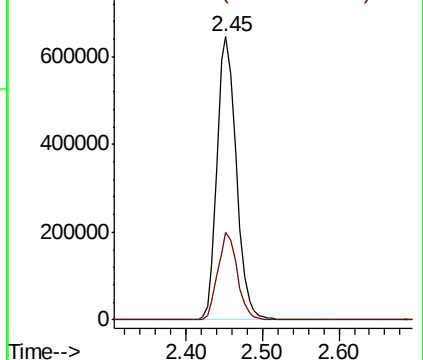
Ion Ratio Lower Upper

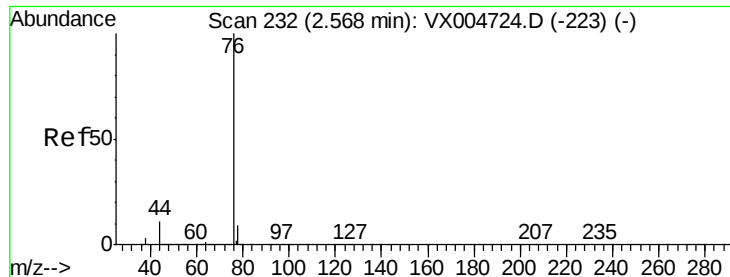
43 100

58 31.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 94.382 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 947836

Ion Ratio Lower Upper

76 100

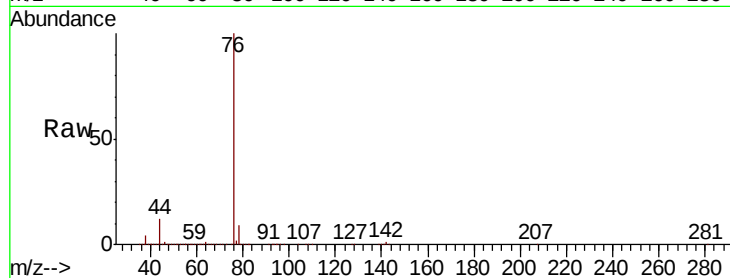
78 9.2 7.0 10.6

Manual Integrations

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10/1/2018 1:30:59 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

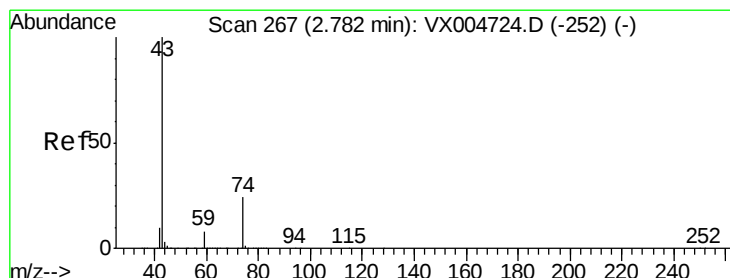
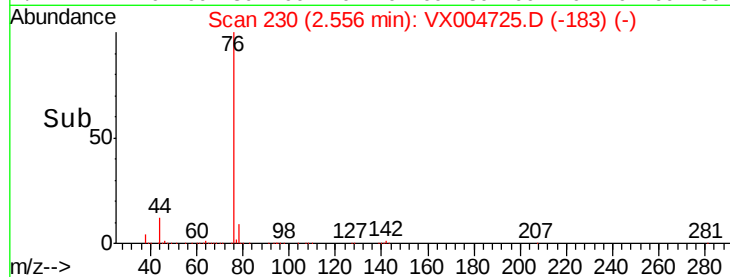
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 95.802 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004725.D

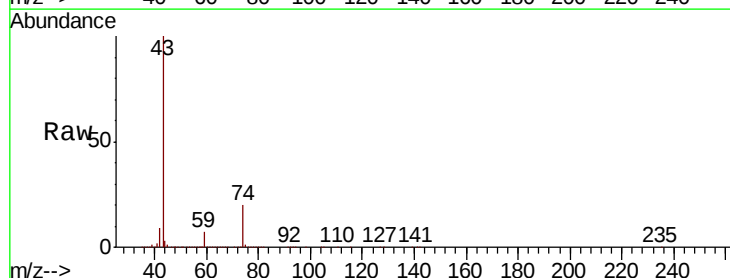
Acq: 26 Sep 2018 13:21

Tgt Ion: 43 Resp: 608082

Ion Ratio Lower Upper

43 100

74 21.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

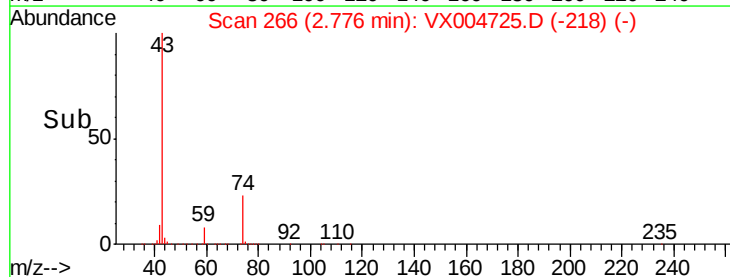
300000

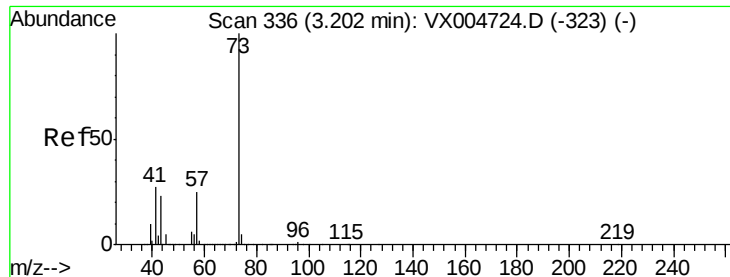
200000

100000

0

Time-->





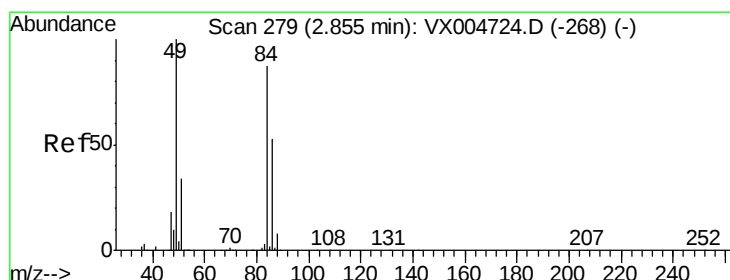
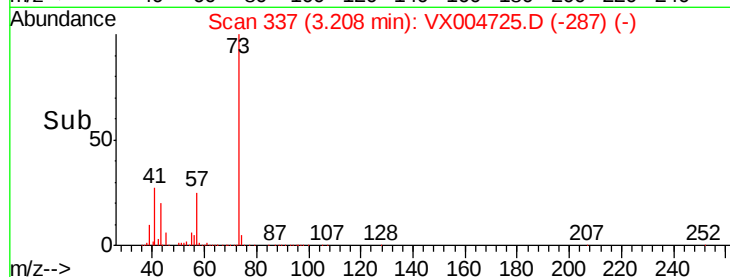
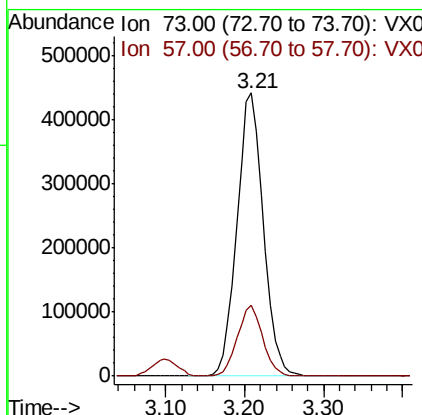
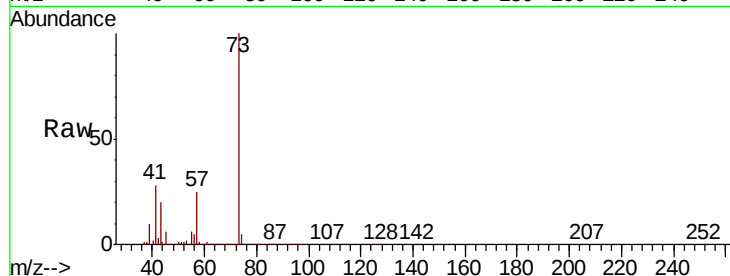
#19
Methvl tert-butvl Ether
Concen: 92.697 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 73 Resp: 1025707
Ion Ratio Lower Upper
73 100
57 24.8 17.1 25.7

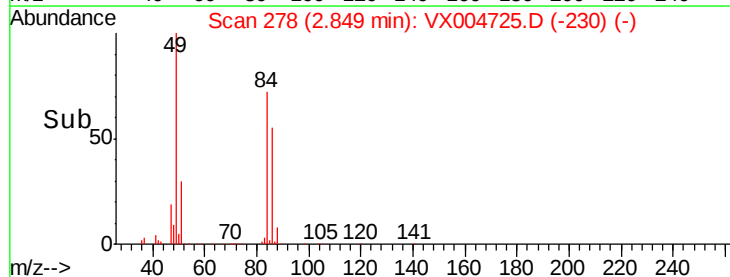
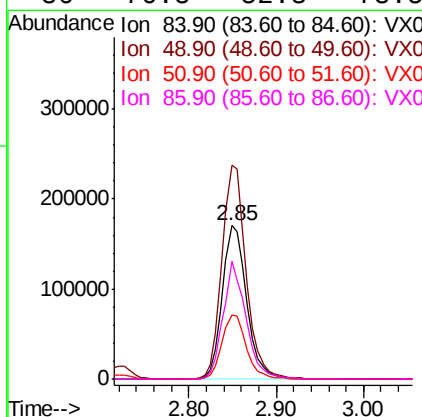
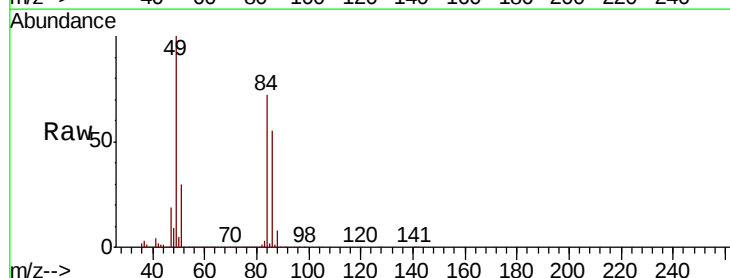
Manual Integrations
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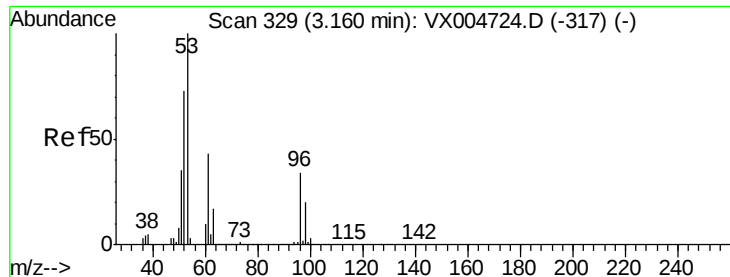
MMDadoda
10/1/2018 1:30:59 PM



#20
Methylene Chloride
Concen: 79.806 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion: 84 Resp: 329783
Ion Ratio Lower Upper
84 100
49 139.2 101.2 151.8
51 41.3 29.5 44.3
86 76.5 52.3 78.5





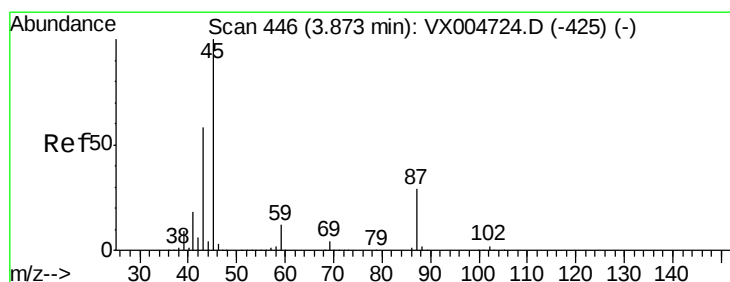
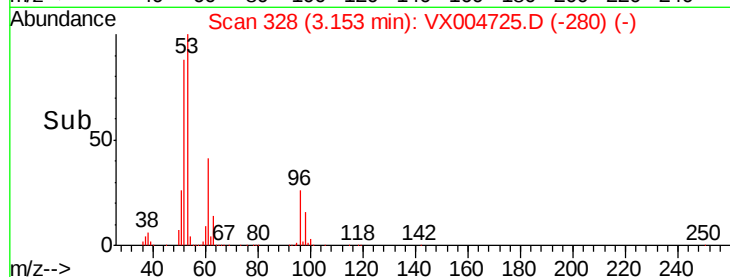
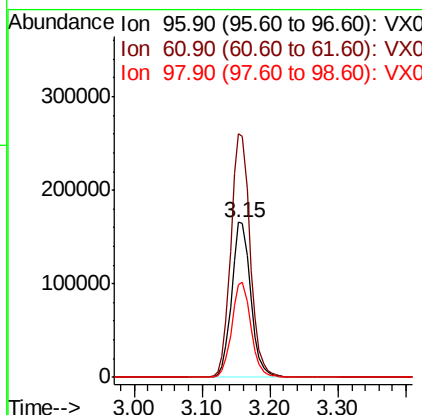
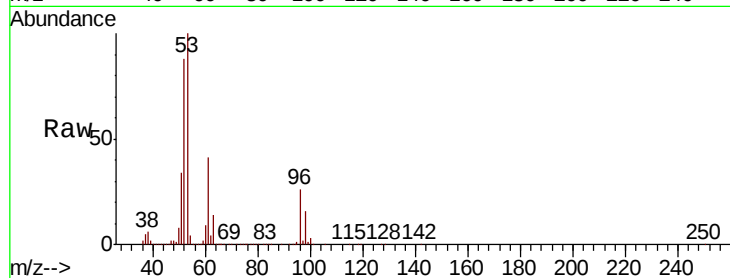
#21
trans-1,2-Dichloroethene
Concen: 87.595 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.8	113.8	170.6
98	59.8	51.8	77.8

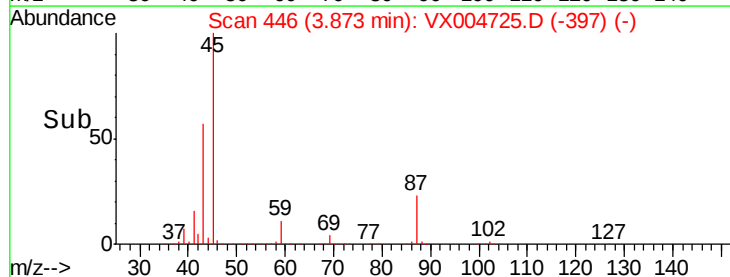
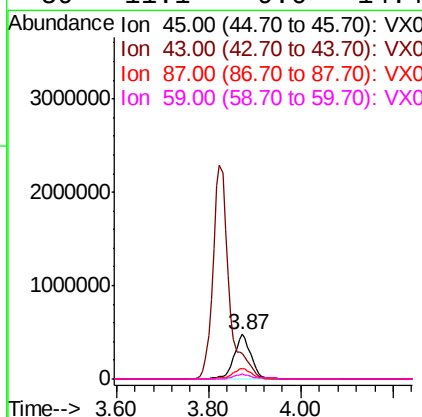
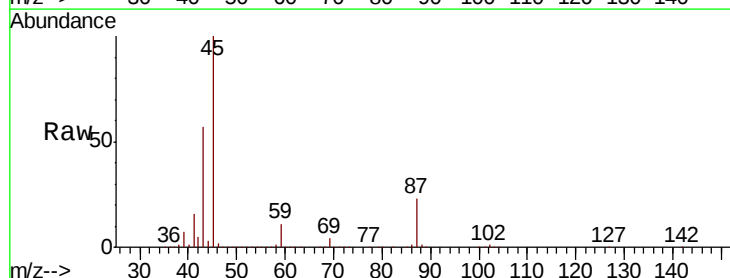
Manual Integrations
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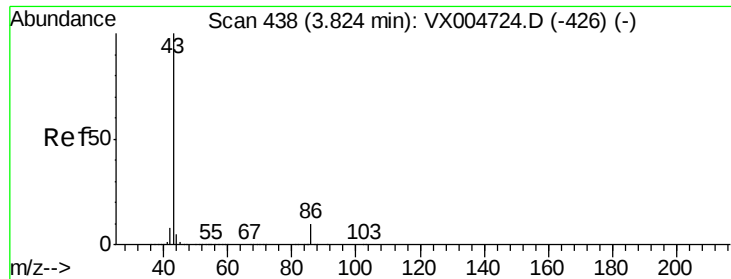
MMDadoda
10/1/2018 1:30:59 PM



#22
Diisopropyl ether
Concen: 98.595 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.9	42.8	64.2
87	23.2	22.6	34.0
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 471.733 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC100

Tot Ion: 43 Resp: 5528836

Ion Ratio Lower Upper

43 100

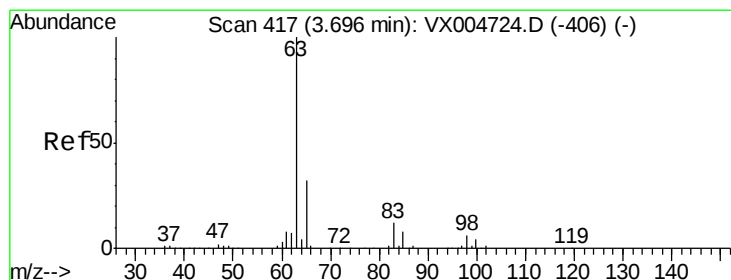
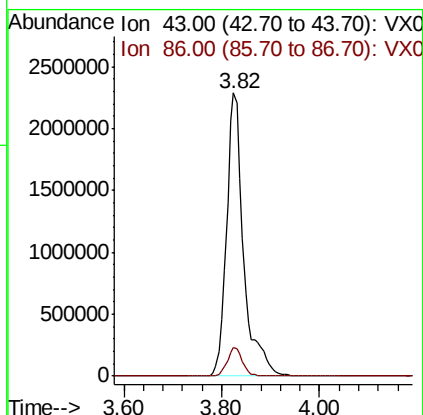
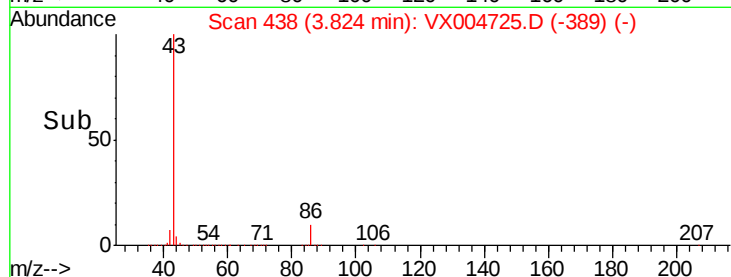
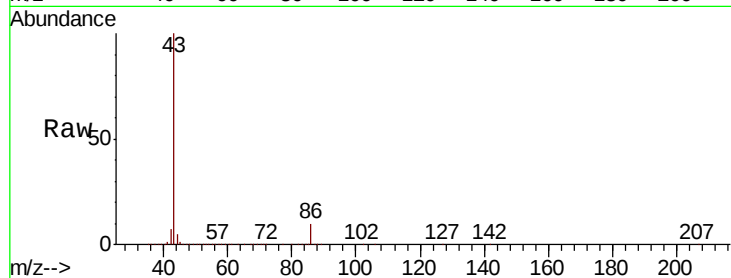
86 10.1 8.9 13.3

Manual Integrations

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10/1/2018 1:30:59 PM



#24

1,1-Dichloroethane

Concen: 88.263 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

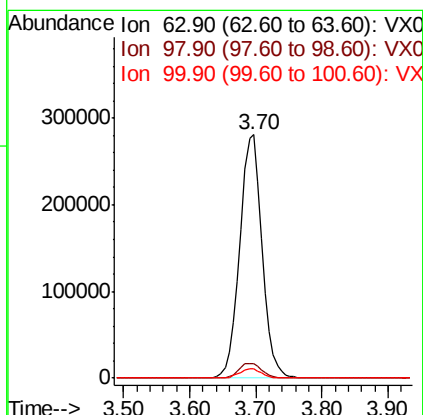
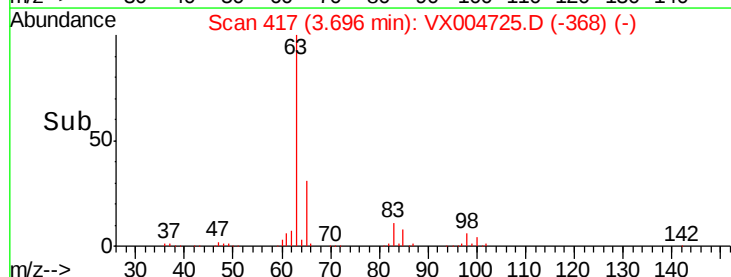
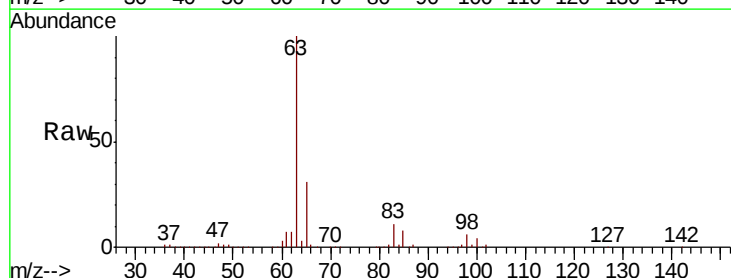
Tgt Ion: 63 Resp: 656978

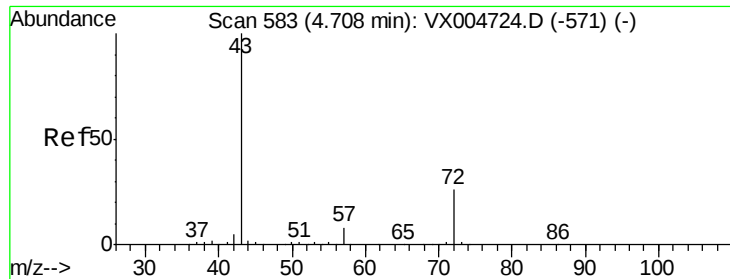
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

100 3.7 2.4 7.1





#25

2-Butanone

Concen: 475.710 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1802822

Ion Ratio Lower Upper

43 100

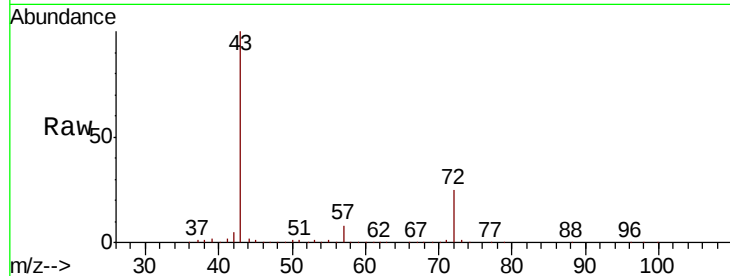
72 24.6 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

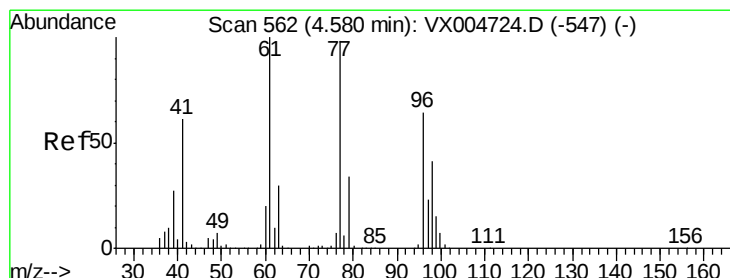
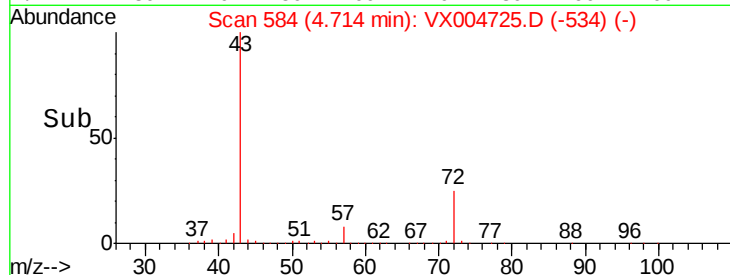
600000

400000

200000

0

Time-->



#26

2,2-Dichloropropane

Concen: 97.662 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004725.D

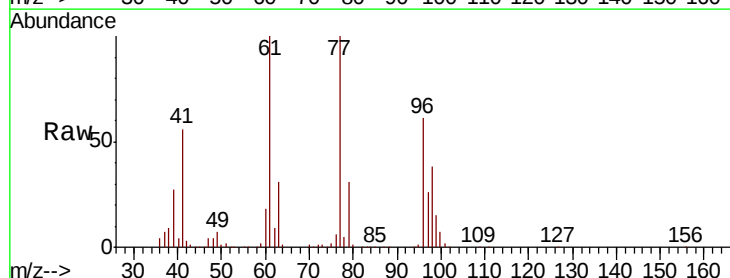
Acq: 26 Sep 2018 13:21

Tgt Ion: 77 Resp: 482954

Ion Ratio Lower Upper

77 100

97 24.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

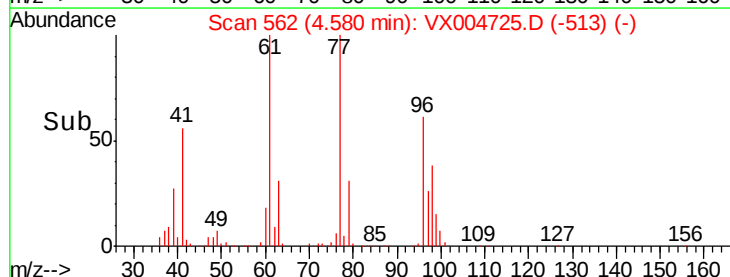
150000

100000

50000

0

Time-->





#27

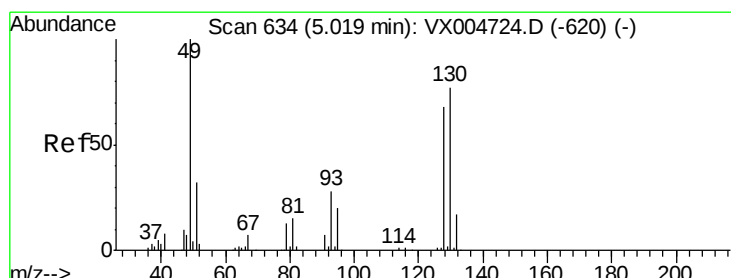
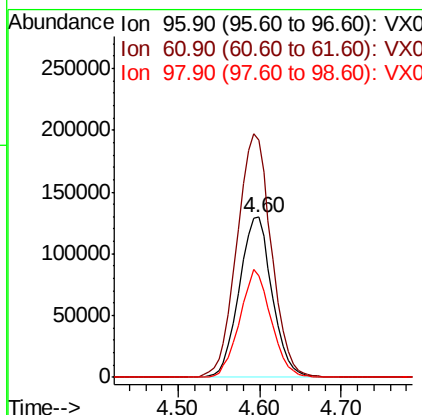
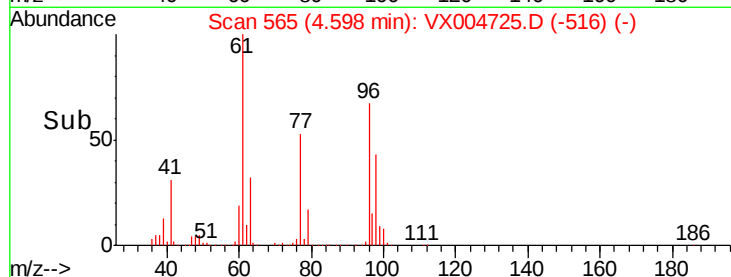
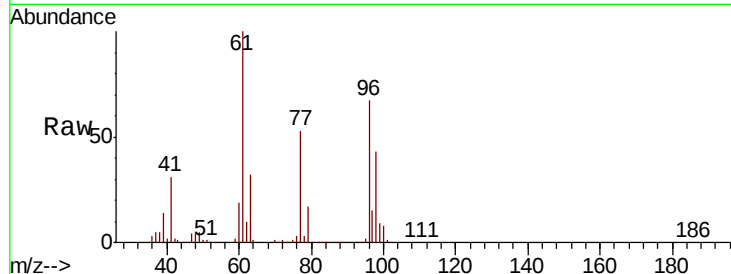
cis-1,2-Dichloroethene
Concen: 88.109 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.9	0.0	282.6	
98	64.0	0.0	130.2	

Manual Integrations
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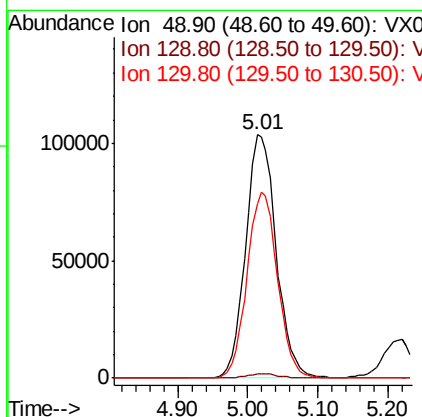
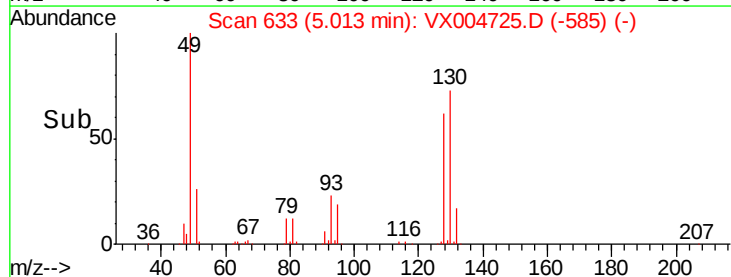
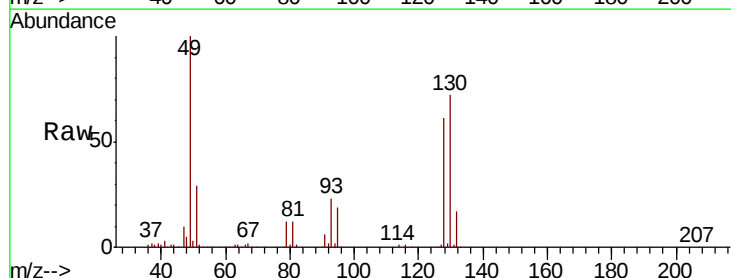
MMDadoda
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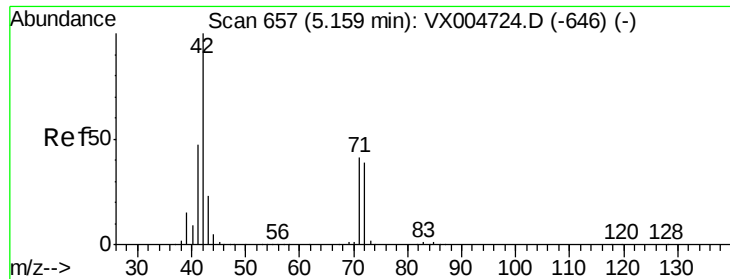


#28

Bromochloromethane
Concen: 96.309 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.2	
130	76.2	67.5	101.3	





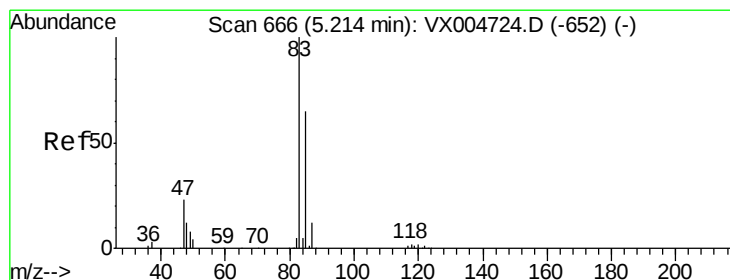
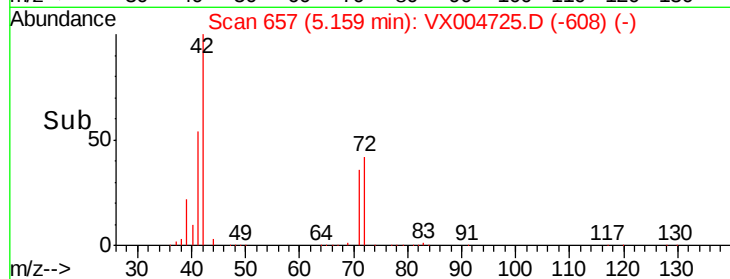
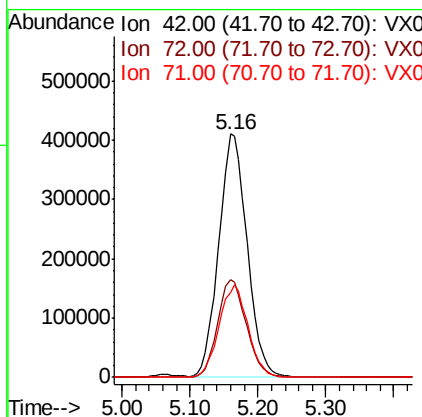
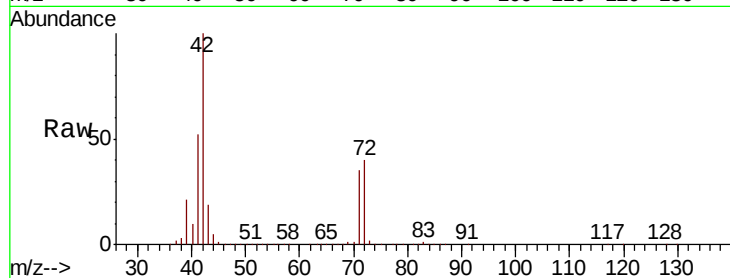
#29
Tetrahydrofuran
Concen: 484.485 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	37.4	56.0
71	38.5	34.5	51.7

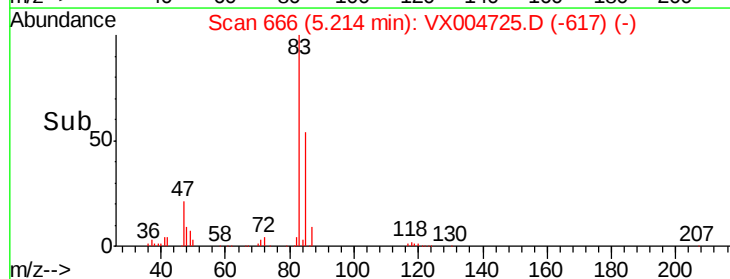
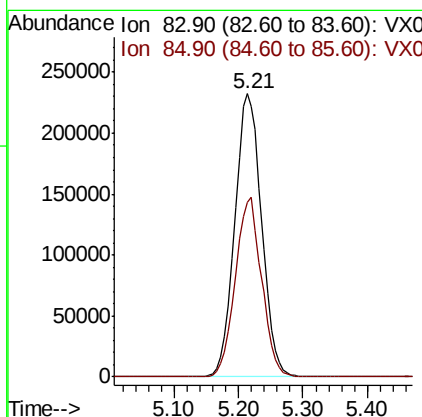
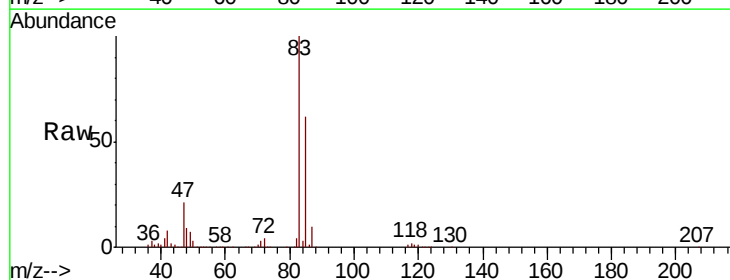
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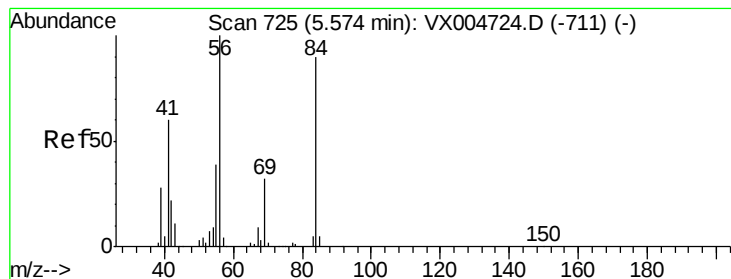
MMDadoda
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#30
Chloroform
Concen: 103.403 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.6	79.0





#31

Cyclohexane

Concen: 90.444 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

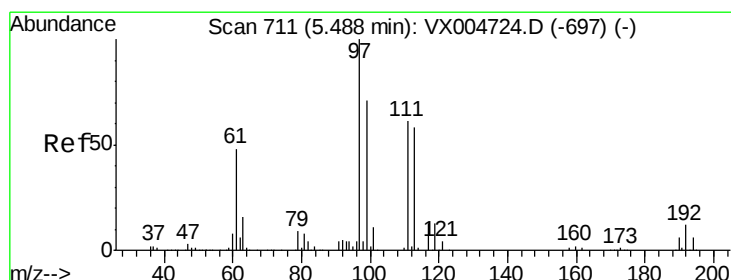
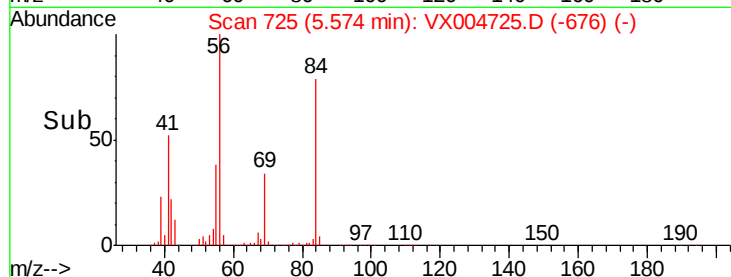
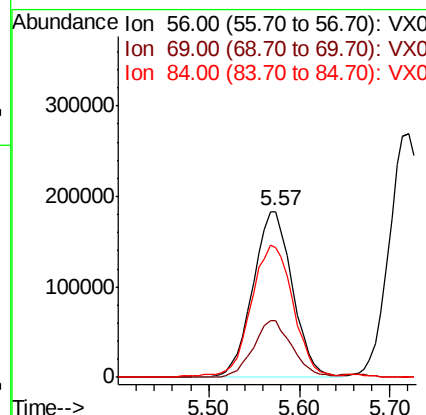
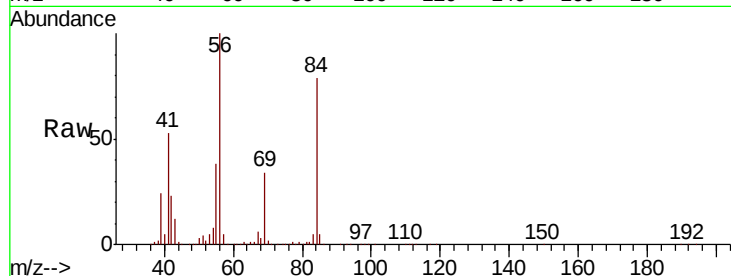
ClientSampled :

VSTDIC100

Tot Ion:	56	Resp:	551580
Ion Ratio	Lower	Upper	
56	100		
69	33.9	25.4	38.2
84	77.4	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 93.655 ug/l

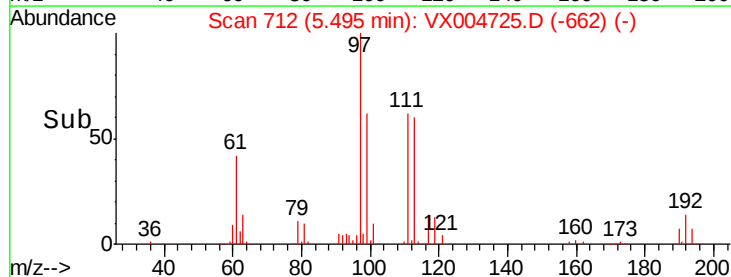
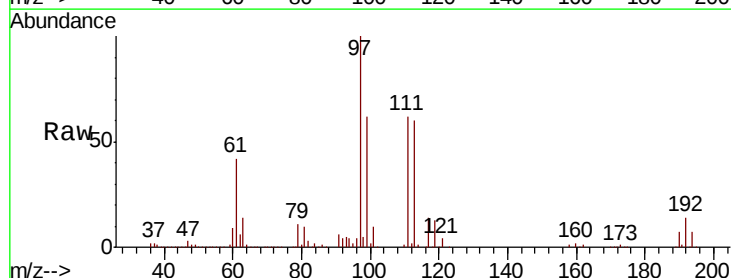
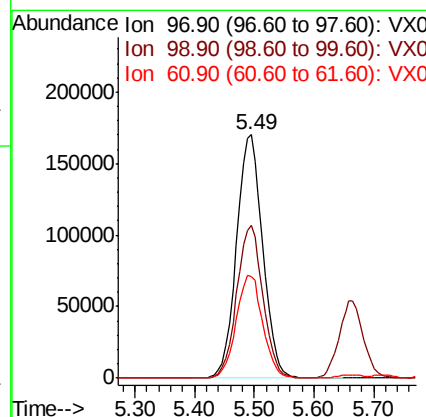
RT: 5.49 min Scan# 712

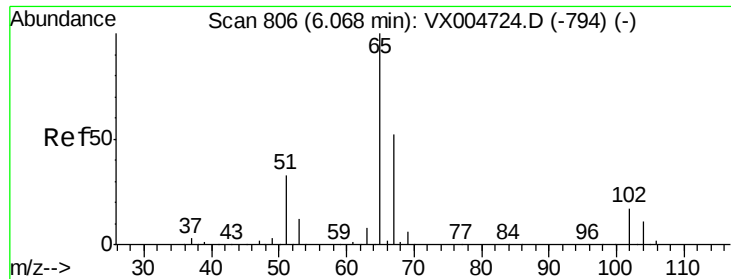
Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion:	97	Resp:	518109
Ion Ratio	Lower	Upper	
97	100		
99	62.6	52.0	78.0
61	43.0	34.9	52.3





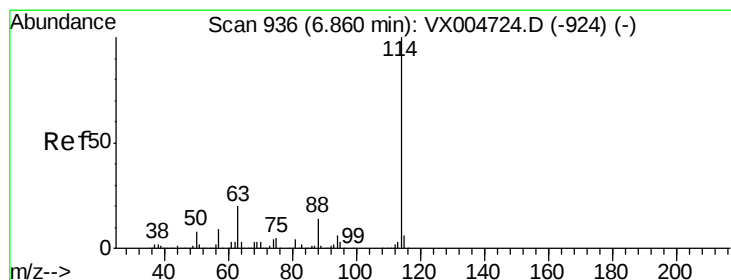
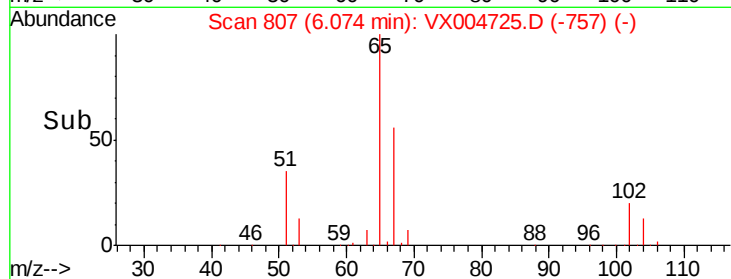
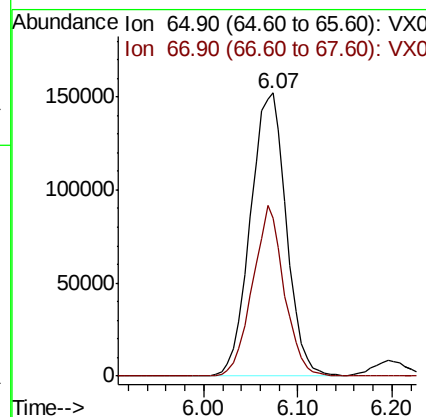
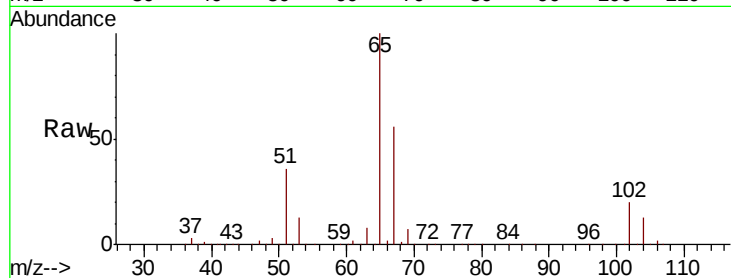
#33
 1,2-Dichloroethane-d4
 Concen: 88.607 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	405930		
67	53.3	0.0	106.8	

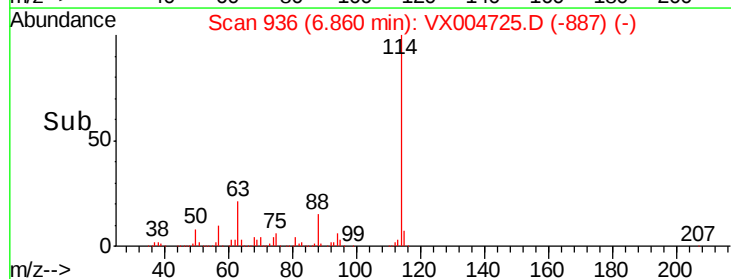
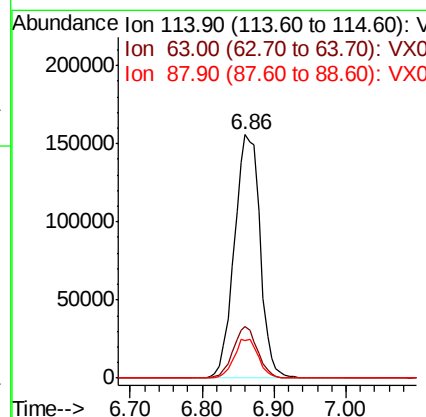
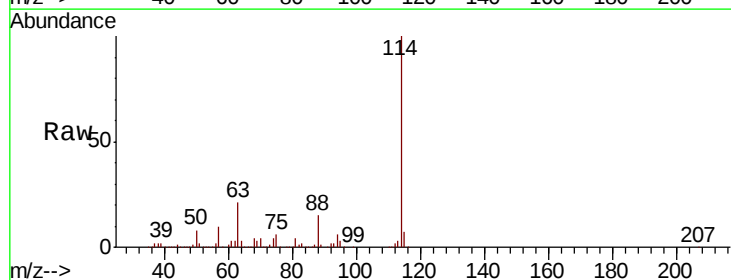
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	386680		
63	21.2	0.0	39.0	
88	15.5	0.0	30.4	





#35

Dibromofluoromethane

Concen: 96.742 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

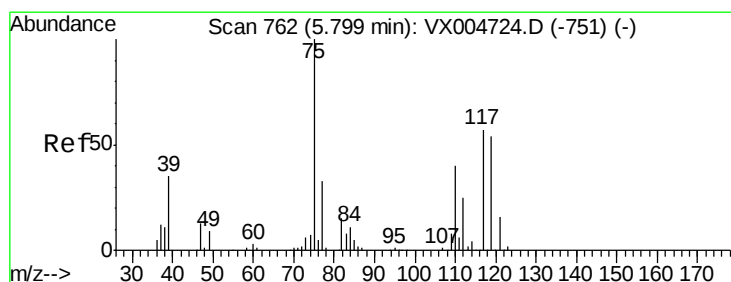
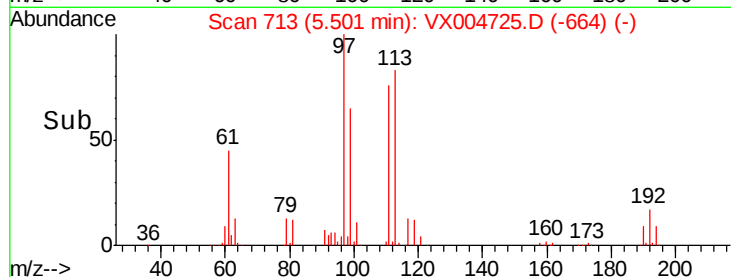
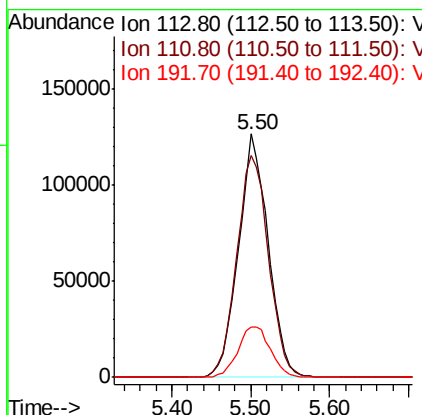
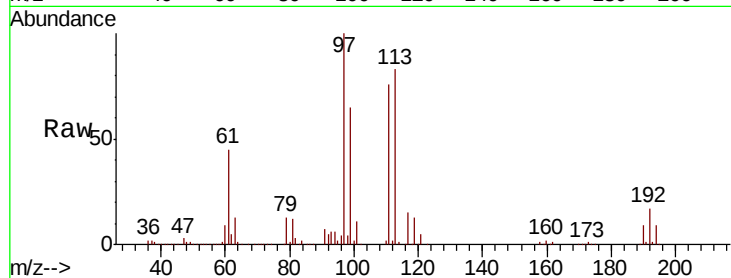
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	332167
Ion Ratio	Lower	Upper	
113	100		
111	97.6	82.4	123.6
192	22.8	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 106.842 ug/l

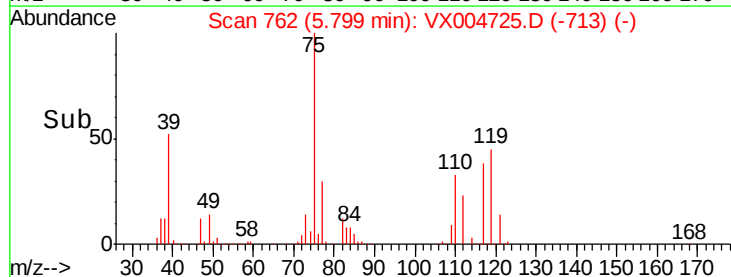
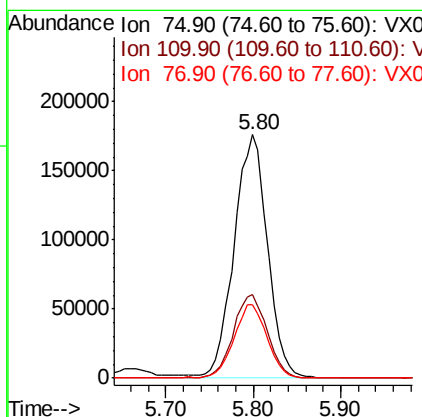
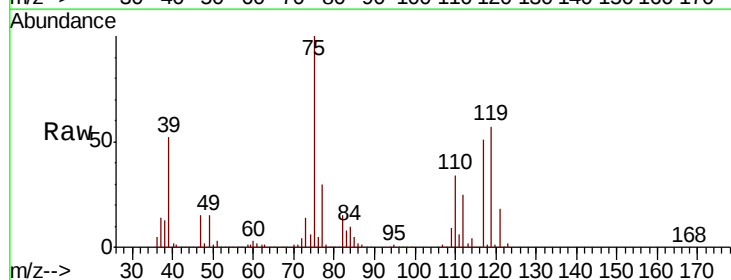
RT: 5.80 min Scan# 762

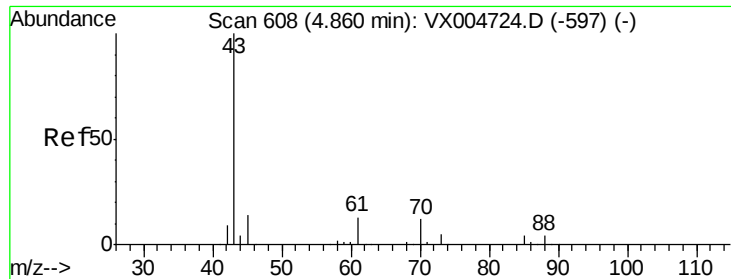
Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion:	75	Resp:	465474
Ion Ratio	Lower	Upper	
75	100		
110	34.8	18.0	54.0
77	30.5	24.6	36.8





#37

Ethyl Acetate

Concen: 110.824 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

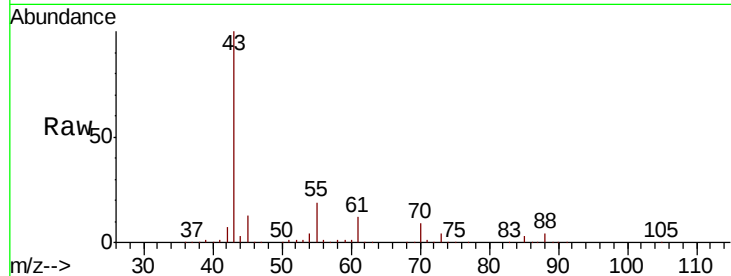
ClientSampleId :

VSTDIC100

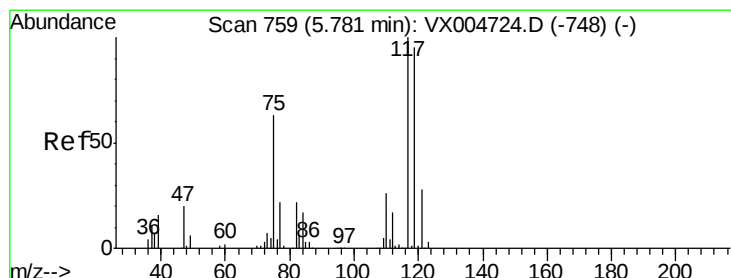
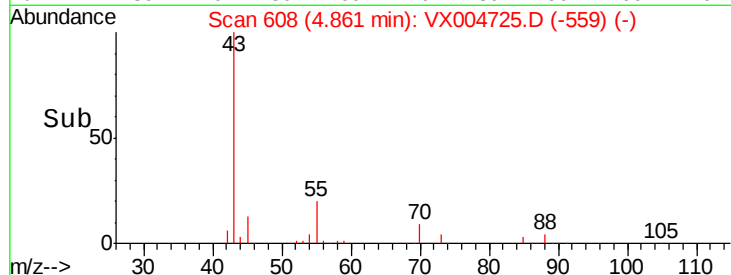
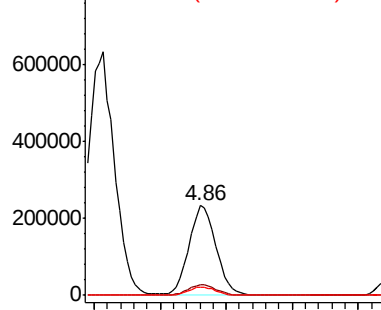
Tot Ion:	43	Resp:	659866
Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.5	17.3
70	9.2	9.0	13.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 101.651 ug/l

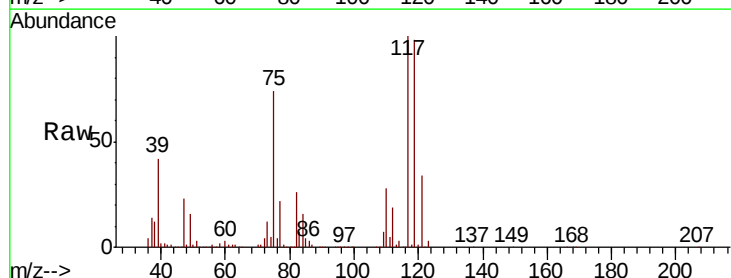
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

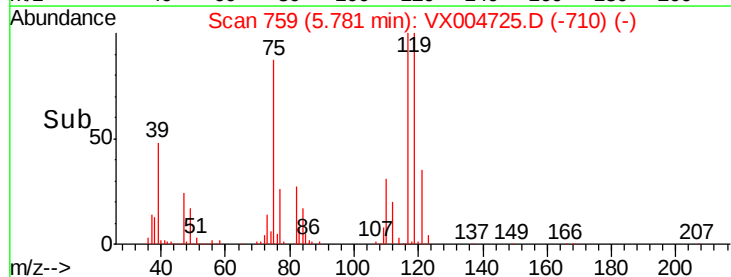
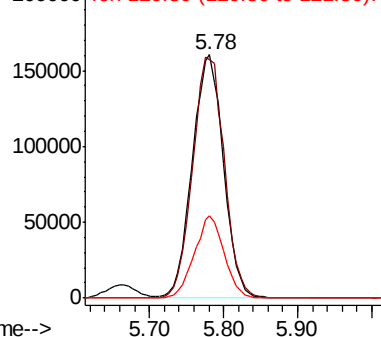
Lab File: VX004725.D

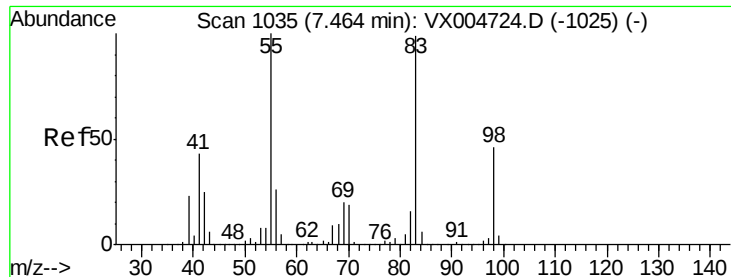
Acq: 26 Sep 2018 13:21

Tgt Ion:	117	Resp:	467029
Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.8	118.2
121	33.7	24.9	37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





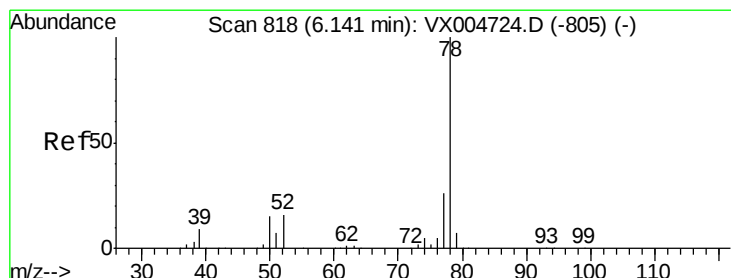
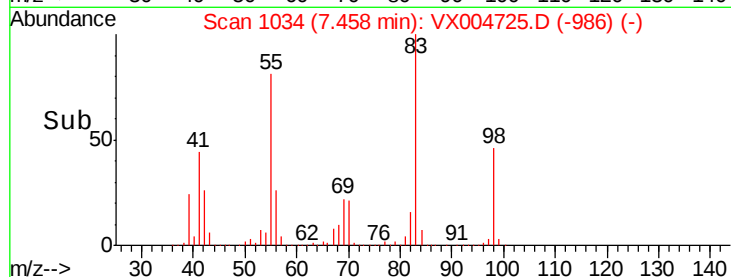
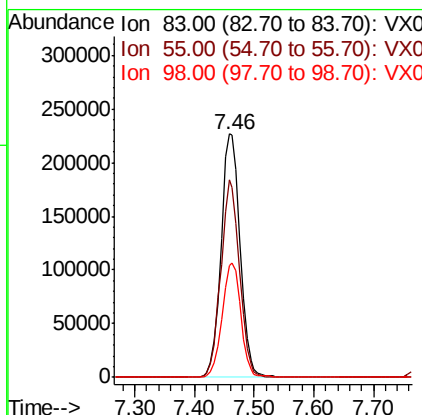
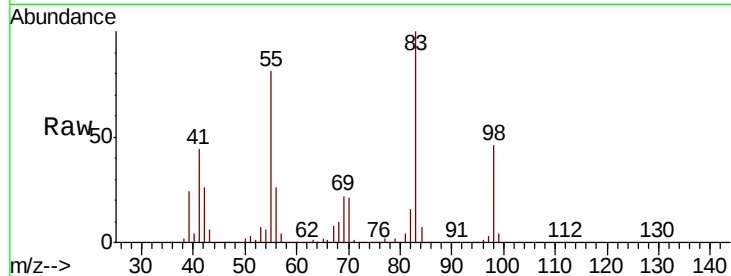
#39
Methvlcvclohexane
Concen: 113.029 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	504832		
55	81.1		61.0	91.4
98	45.8		39.6	59.4

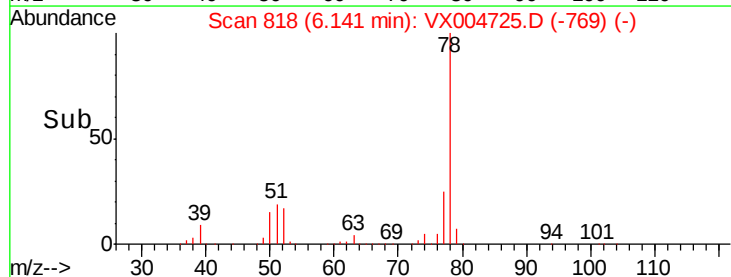
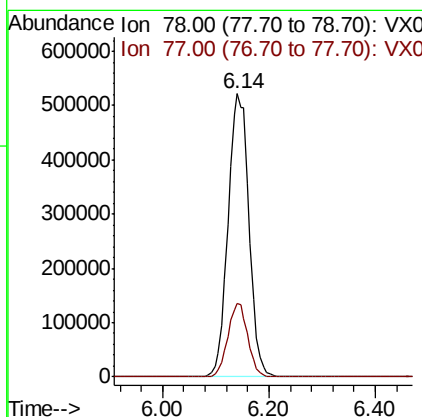
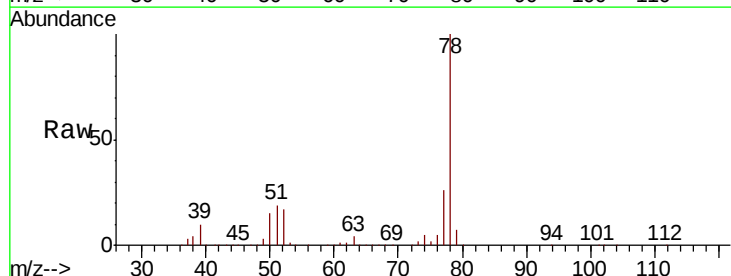
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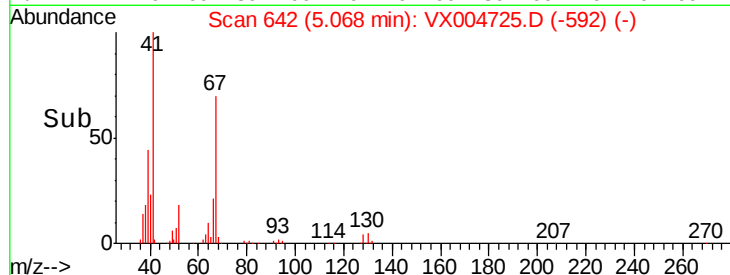
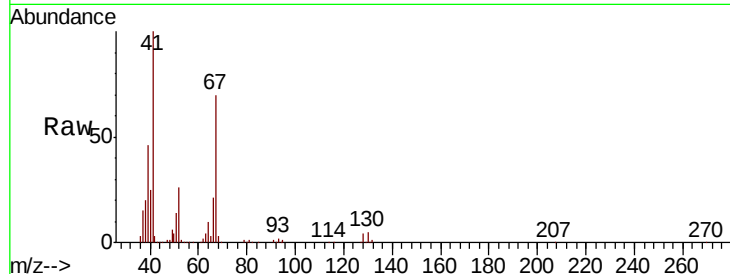
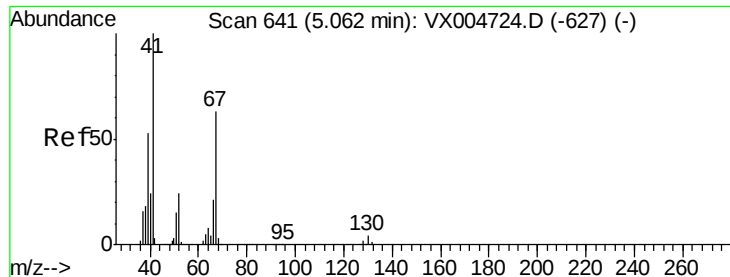
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#40
Benzene
Concen: 106.783 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1432922		
77	25.8		19.0	28.4





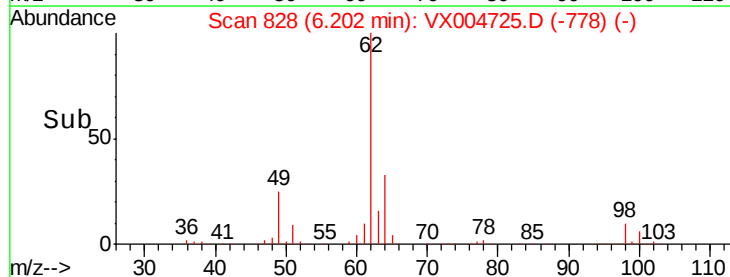
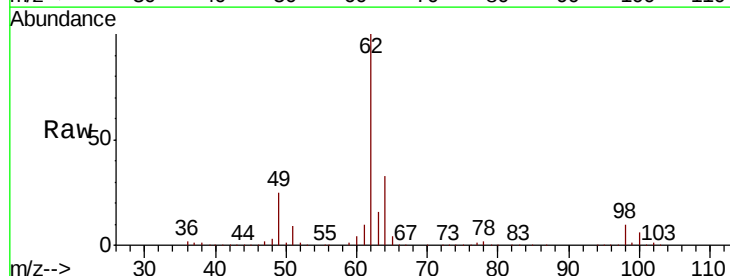
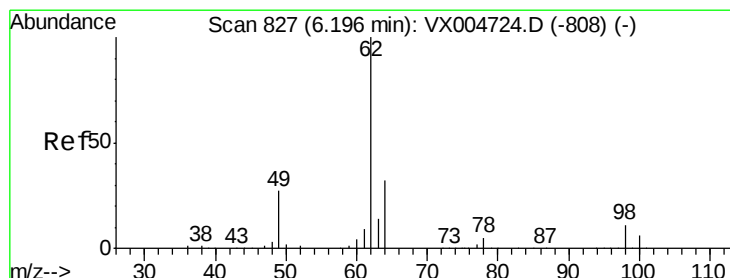
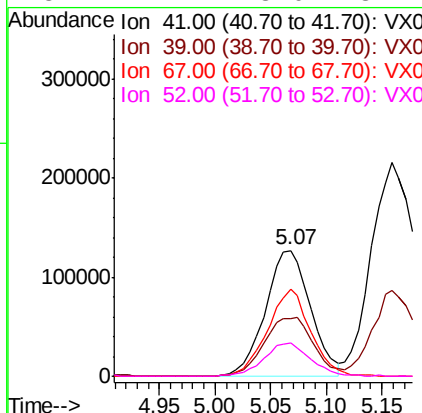
#41
Methacrylonitrile
Concen: 103.866 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		356161		
39	51.9	42.4	63.6		
67	66.9	59.2	88.8		
52	27.4	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

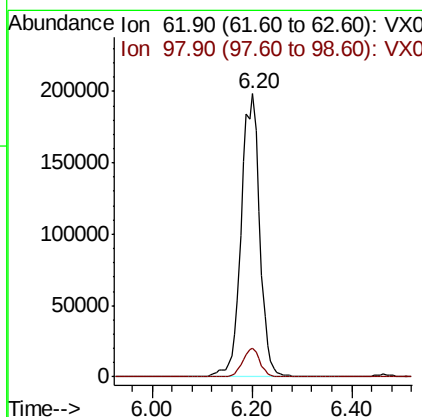
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 105.791 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		509422		
98	9.4	0.0	20.6		





#43

Isopropyl Acetate

Concen: 99.973 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

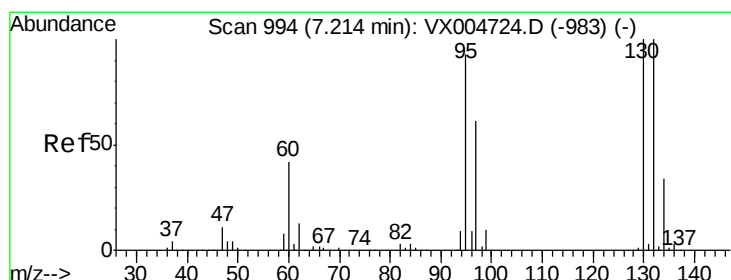
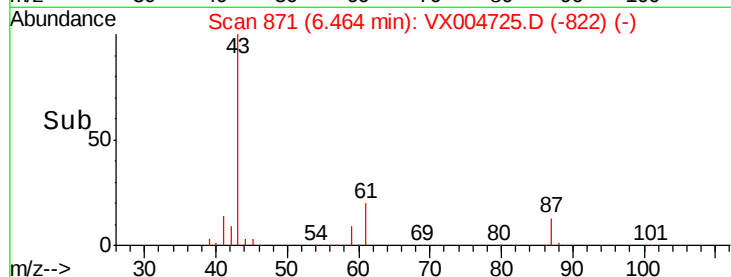
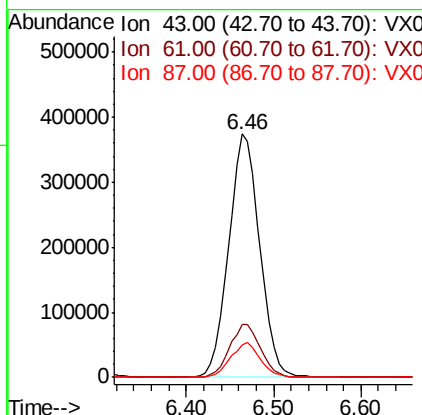
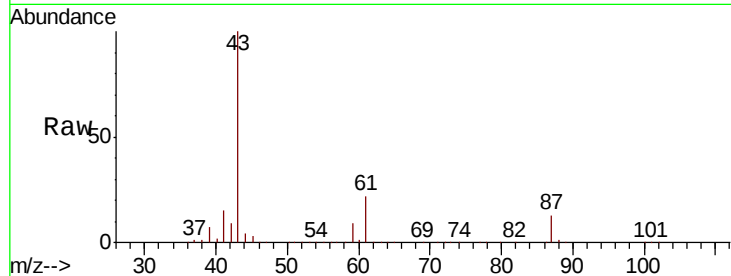
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	916705
Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.0	25.4
87	13.9	11.4	17.2

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#44

Trichloroethene

Concen: 108.072 ug/l

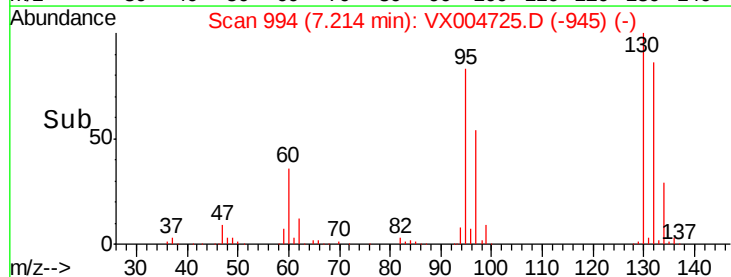
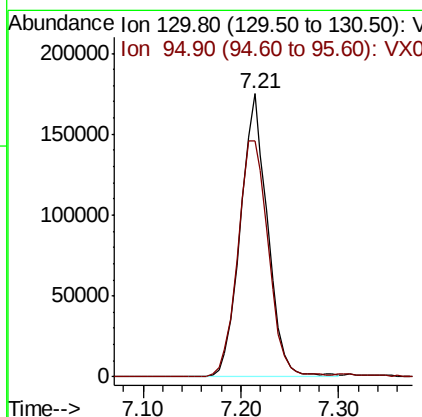
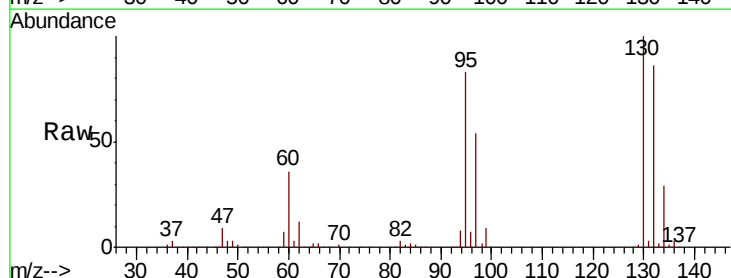
RT: 7.21 min Scan# 994

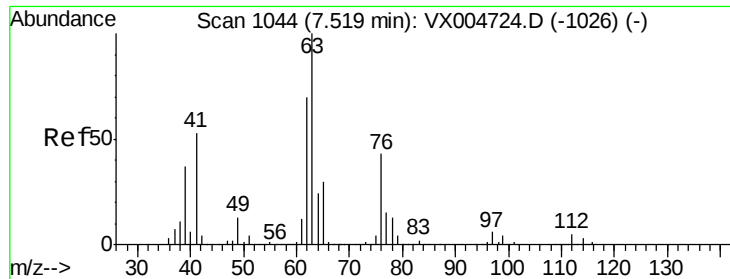
Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion:	130	Resp:	337826
Ion	Ratio	Lower	Upper
130	100		
95	83.5	0.0	181.6





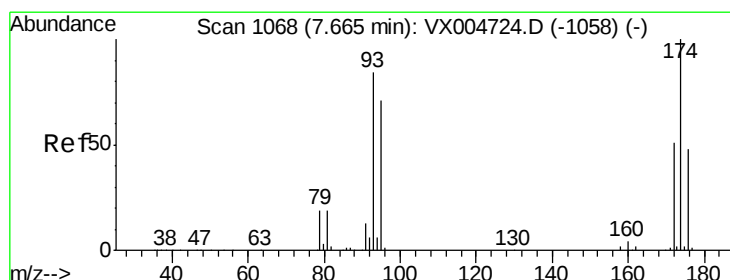
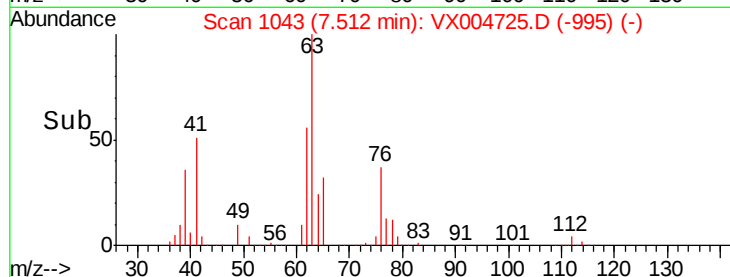
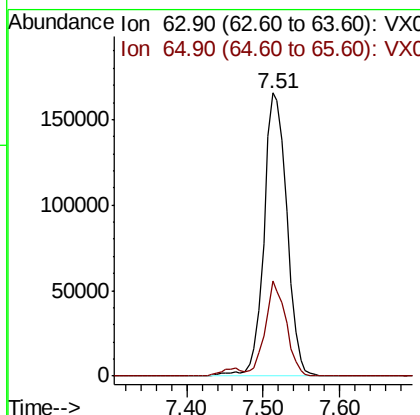
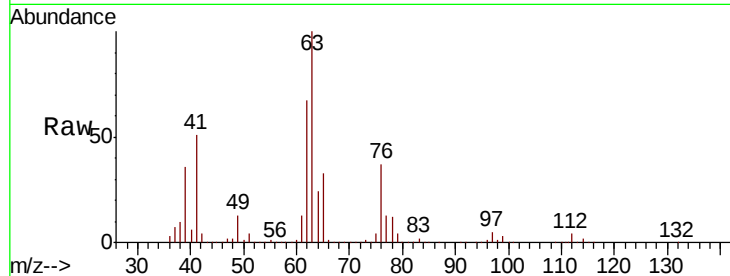
#45
 1,2-Dichloropropane
 Concen: 108.209 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 347399
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.3 36.5

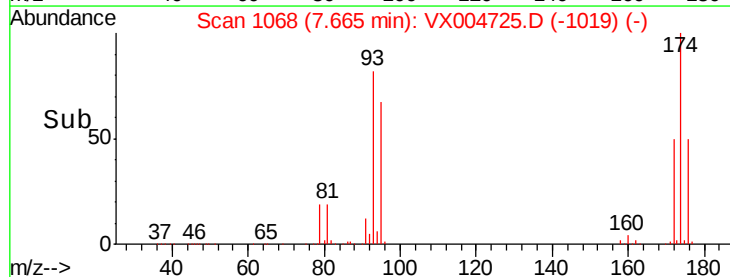
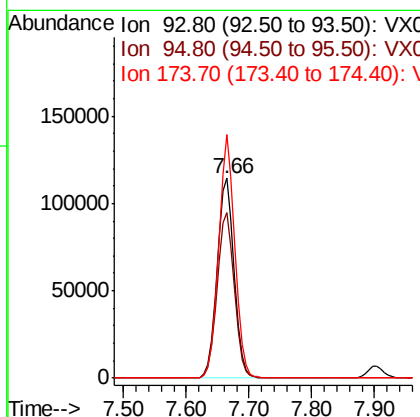
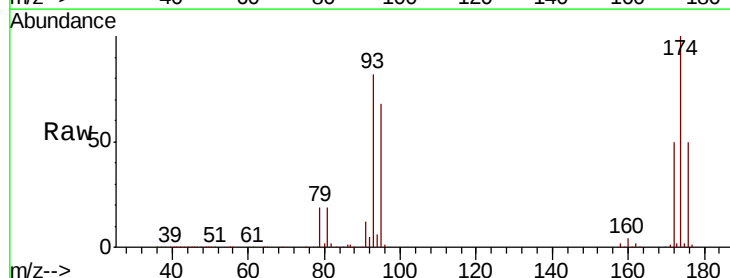
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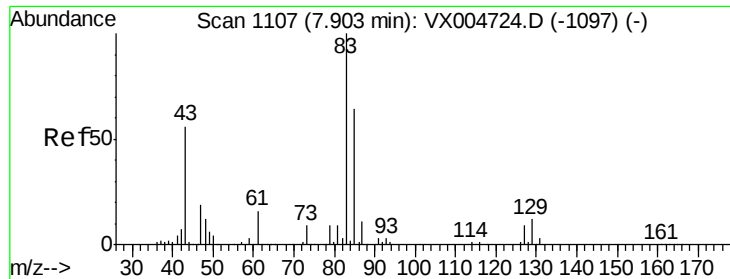
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#46
 Dibromomethane
 Concen: 106.546 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion: 93 Resp: 213230
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 116.0 94.2 141.4





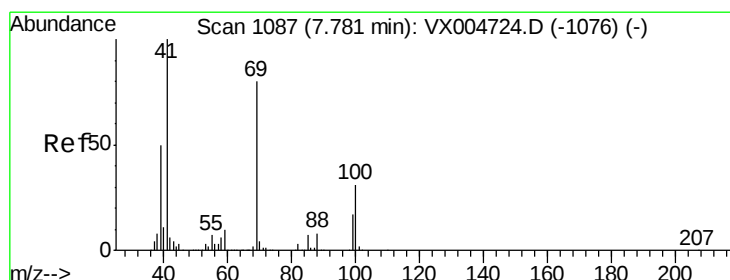
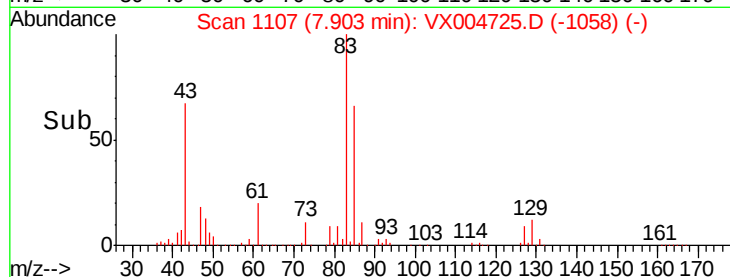
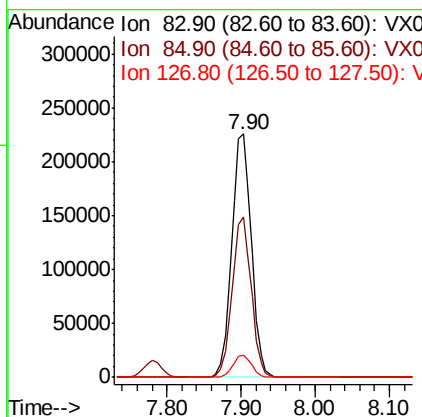
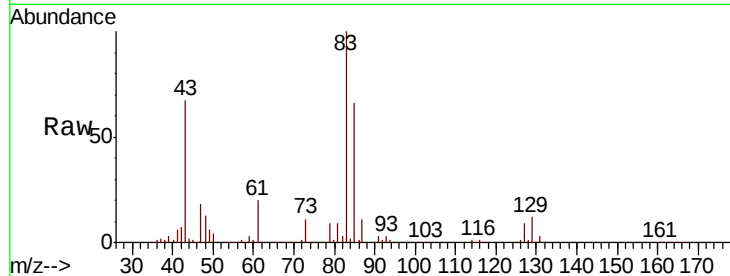
#47
Bromodichloromethane
Concen: 108.215 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	83	Resp	414711
Ion Ratio	100	Lower	Upper
83	100		
85	65.6	50.9	76.3
127	9.1	7.3	10.9

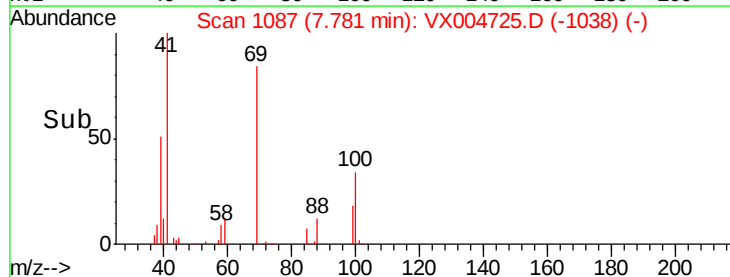
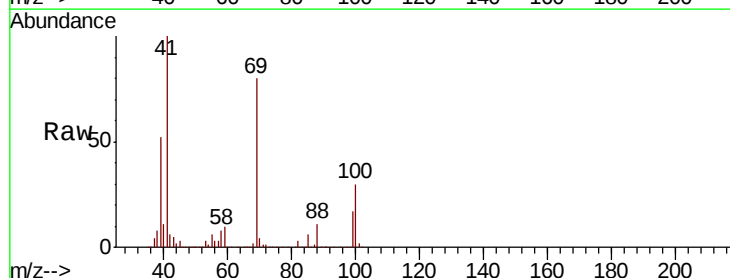
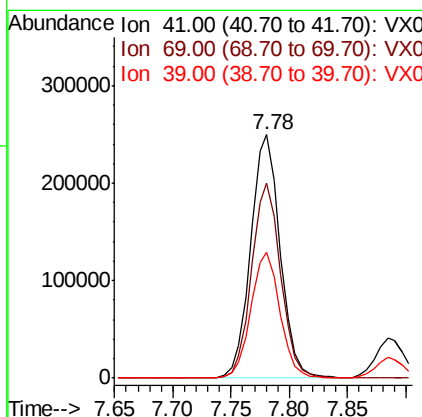
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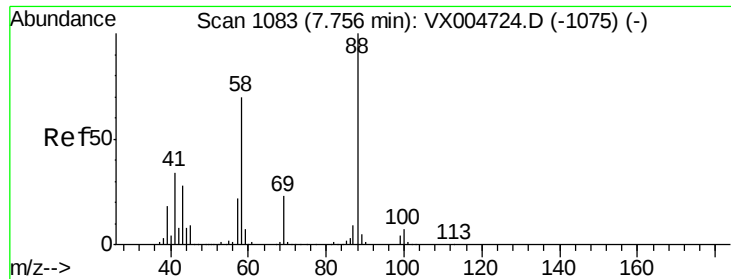
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#48
Methyl methacrylate
Concen: 111.530 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	41	Resp	441238
Ion Ratio	100	Lower	Upper
41	100		
69	79.5	70.2	105.4
39	51.0	42.7	64.1





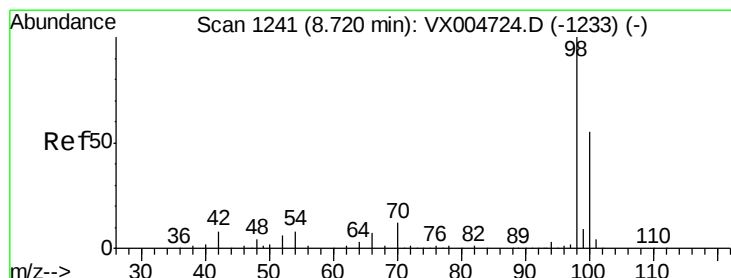
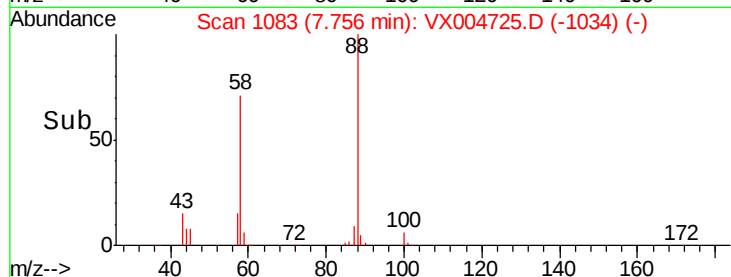
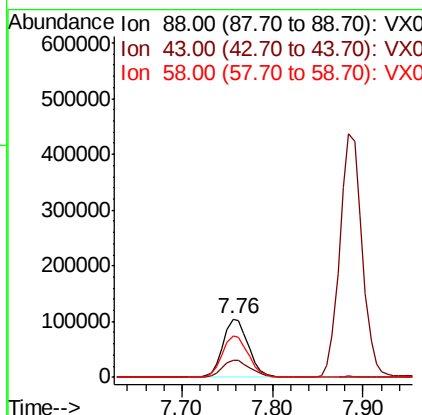
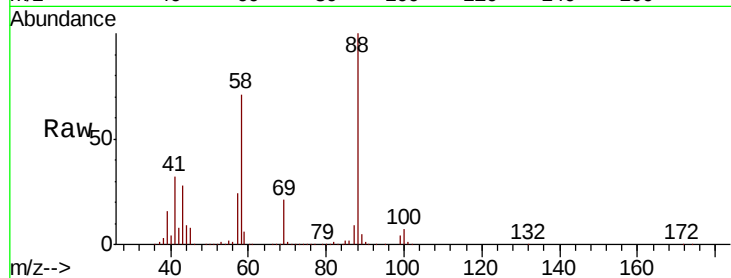
#49
1,4-Dioxane
Concen: 2063.268 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	24.7	37.1
58	72.7	55.3	82.9

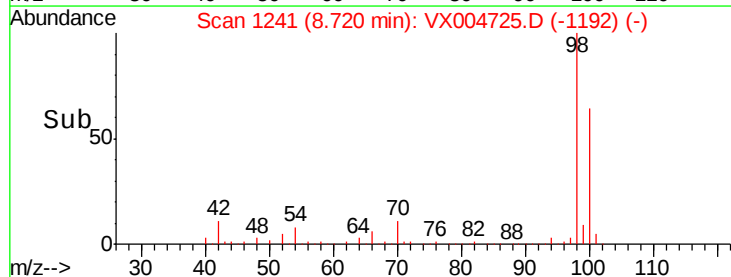
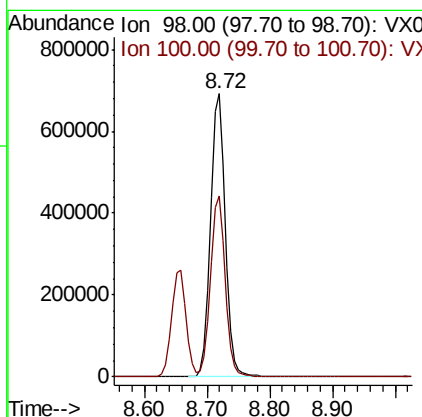
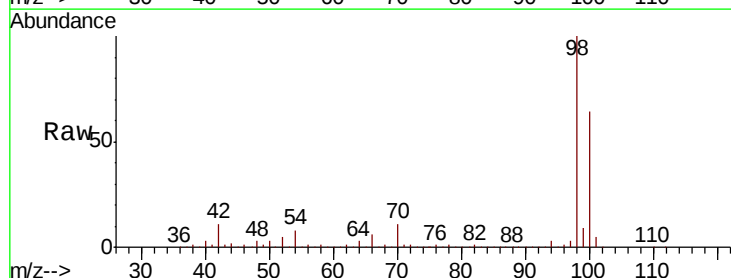
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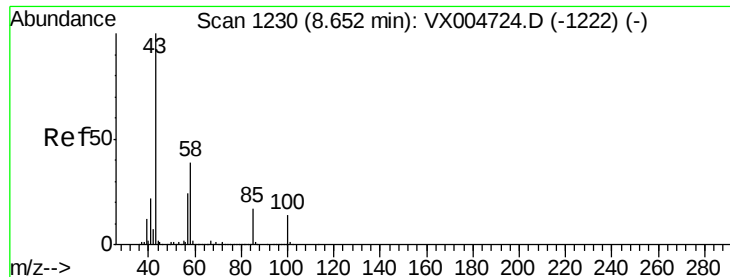
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#50
Toluene-d8
Concen: 109.836 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 546.367 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 2963840

Ion Ratio Lower Upper

43 100

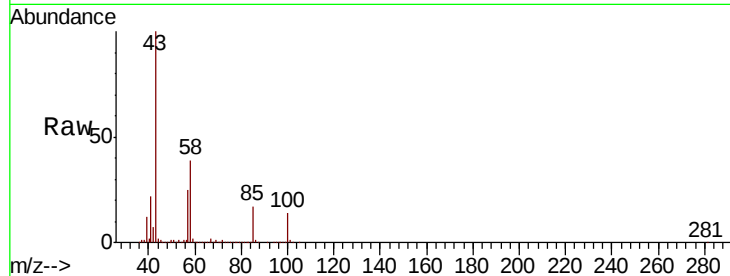
58 39.0 33.1 49.7

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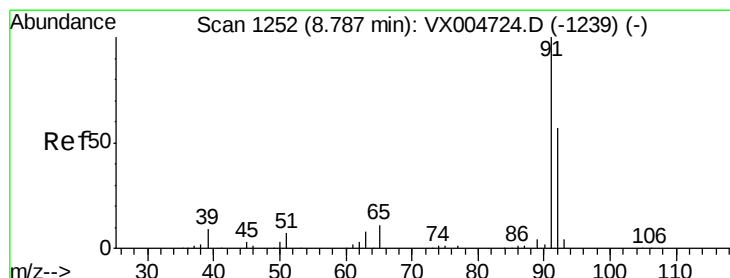
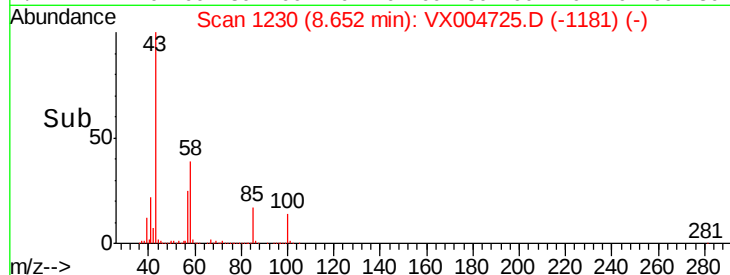
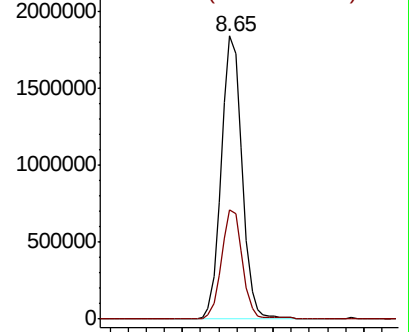
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 100.496 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004725.D

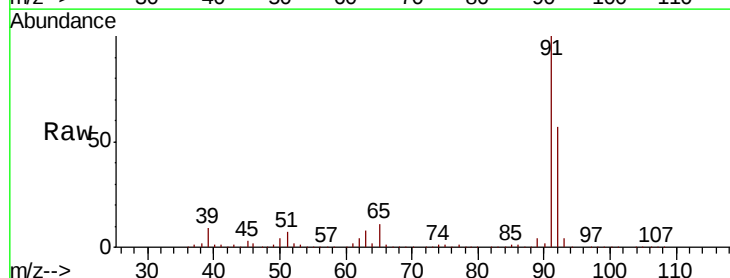
Acq: 26 Sep 2018 13:21

Tgt Ion: 92 Resp: 775274

Ion Ratio Lower Upper

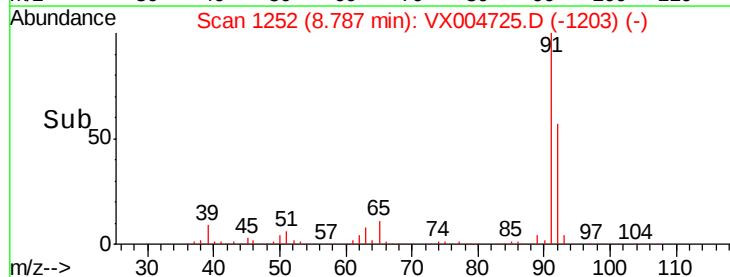
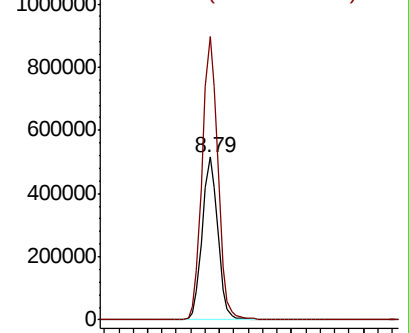
92 100

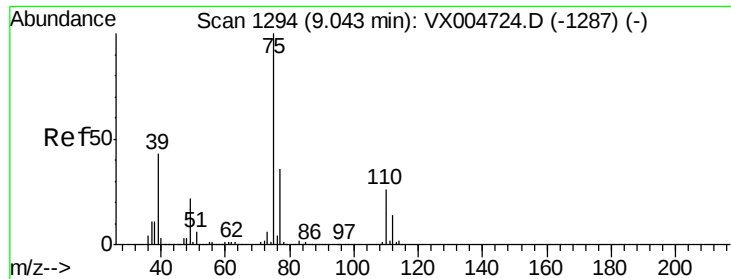
91 175.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





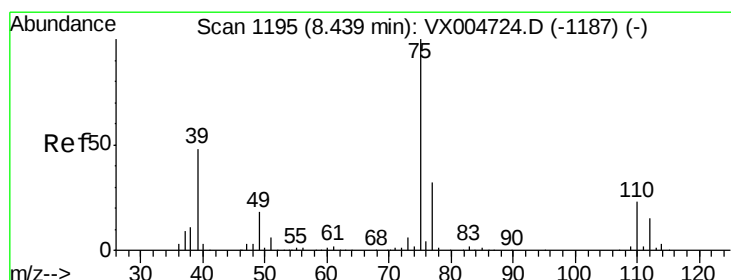
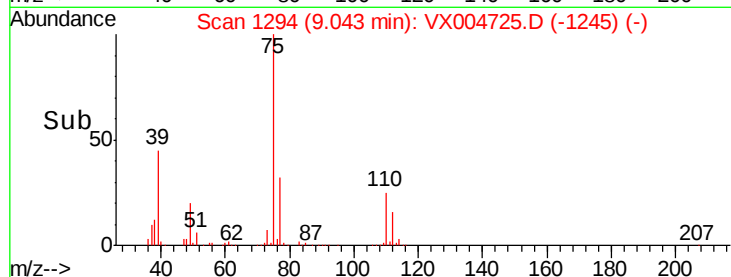
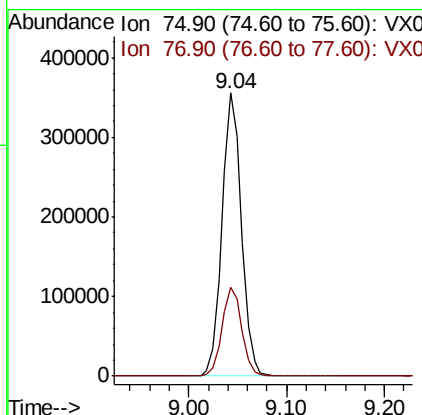
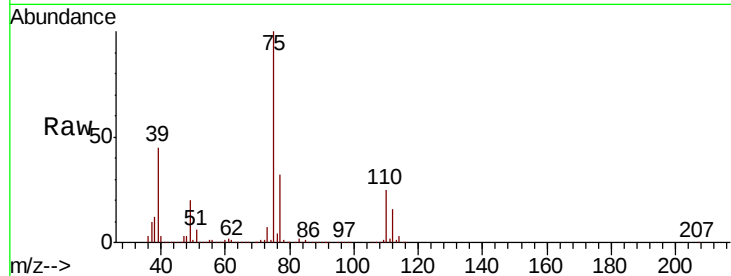
#53
t-1,3-Dichloropropene
Concen: 101.398 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	37.0

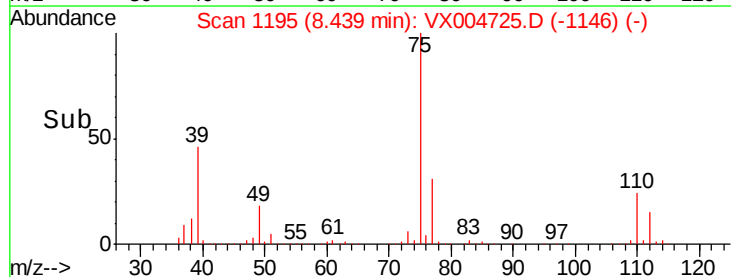
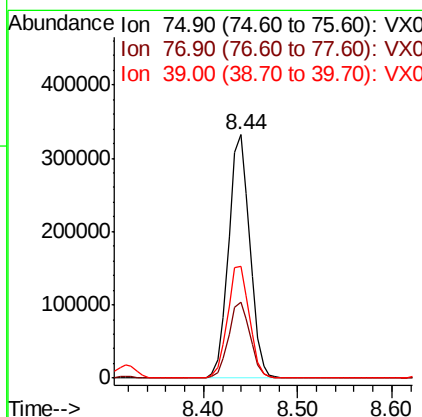
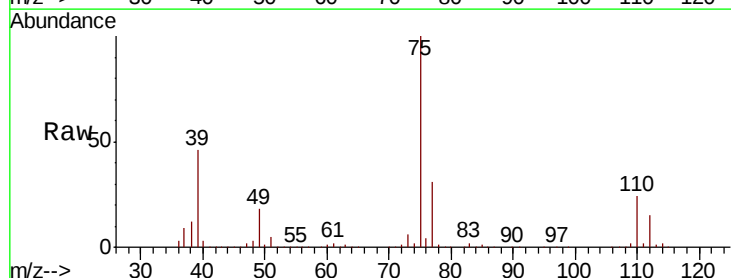
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#54
cis-1,3-Dichloropropene
Concen: 109.777 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.2
39	46.0	36.4	54.6





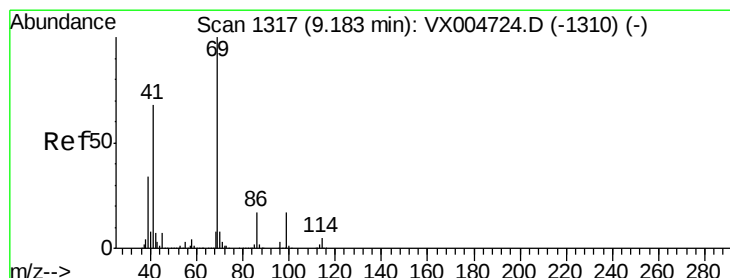
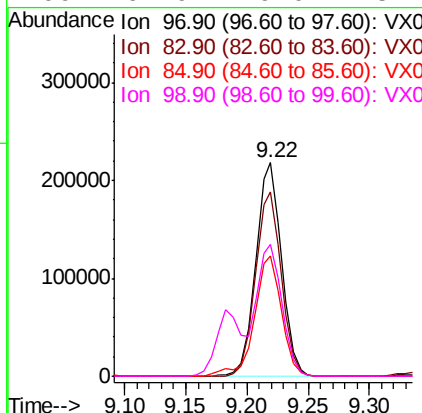
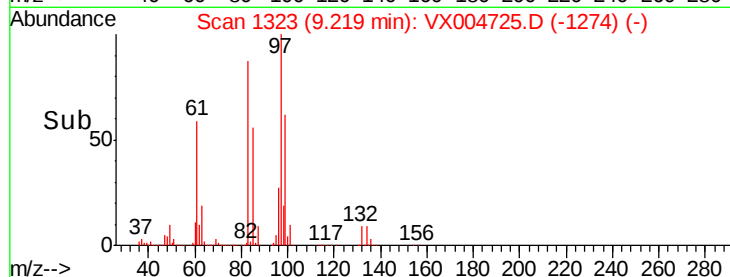
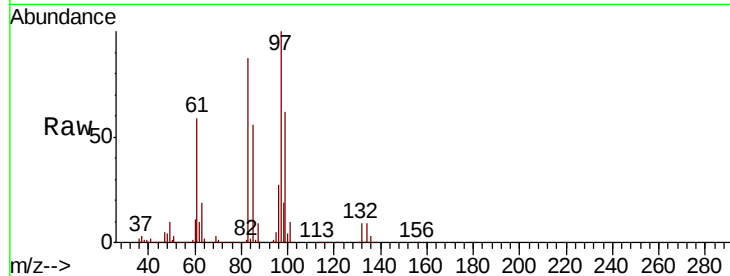
#55
 1,1,2-Trichloroethane
 Concen: 95.267 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		320719		
83	86.5	66.4	99.6		
85	56.3	43.3	64.9		
99	61.9	49.0	73.4		

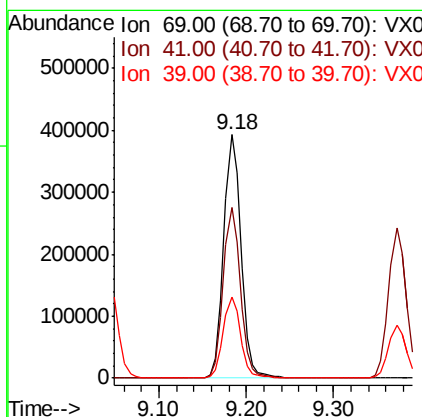
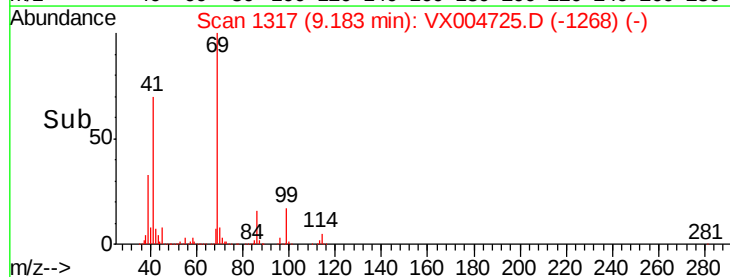
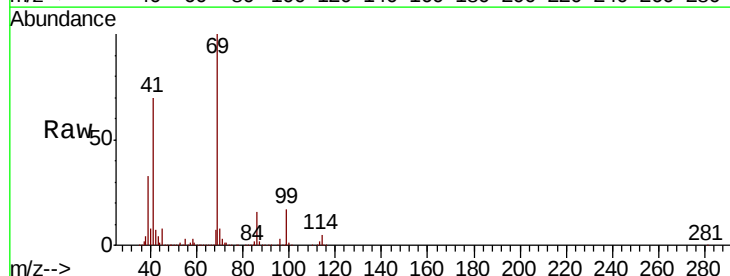
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#56
 Ethyl methacrylate
 Concen: 105.119 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		538642		
41	69.6	51.0	76.4		
39	33.5	26.1	39.1		





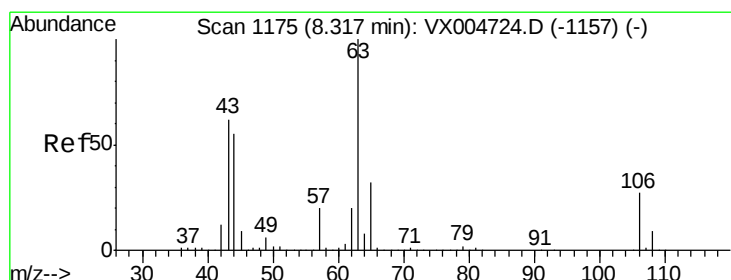
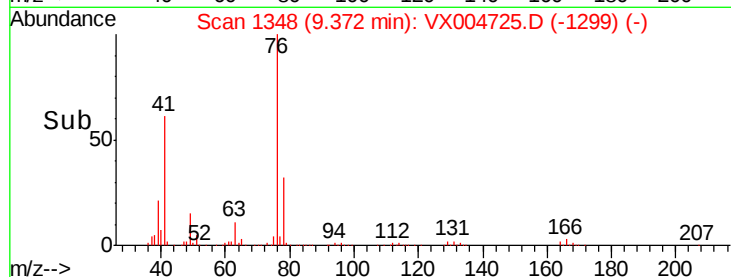
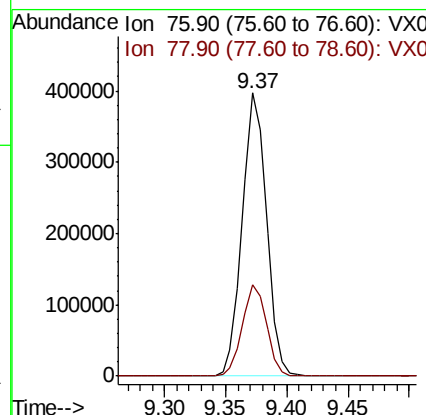
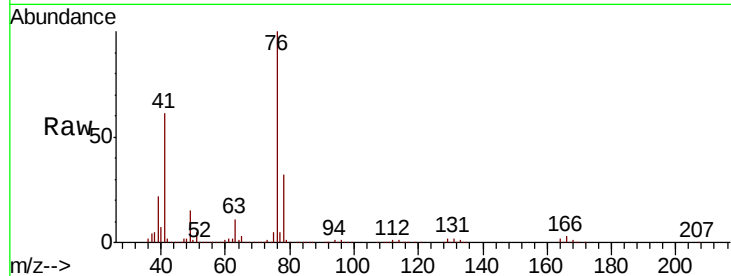
#57
 1,3-Dichloropropane
 Concen: 94.604 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.5	38.3

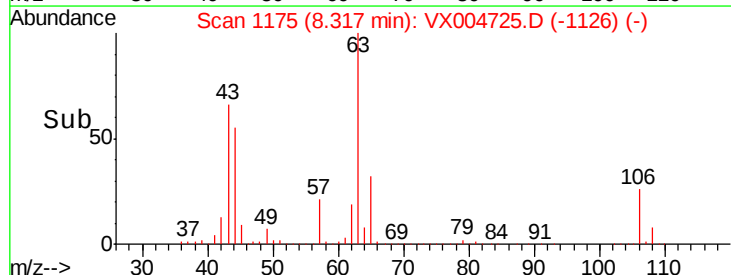
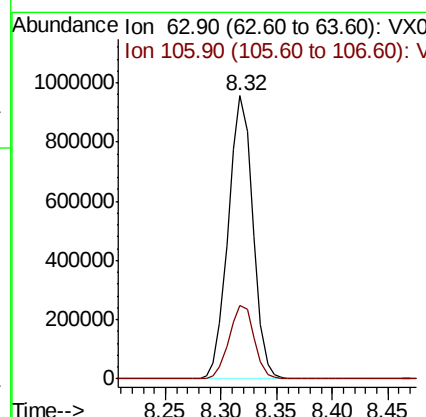
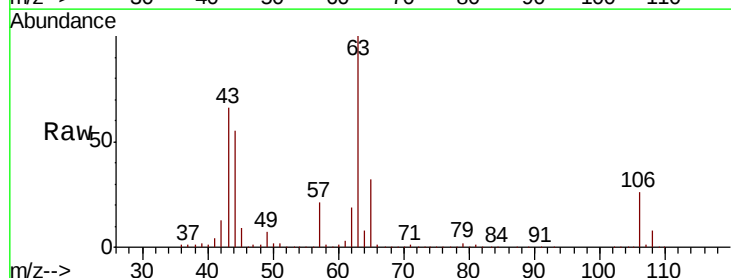
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#58
 2-Chloroethyl Vinyl ether
 Concen: 535.729 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	23.9	35.9





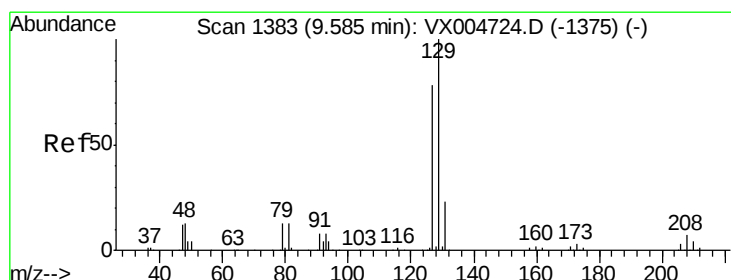
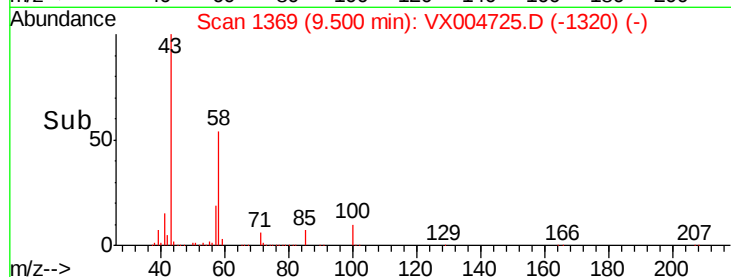
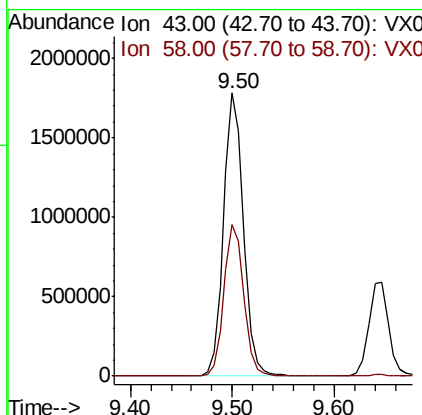
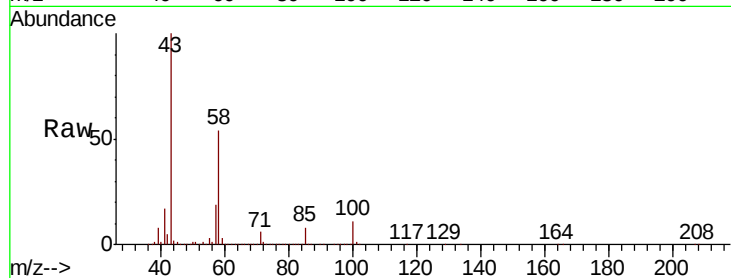
#59
2-Hexanone
Concen: 498.942 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2416357
Ion Ratio Lower Upper
43 100
58 53.7 29.0 87.0

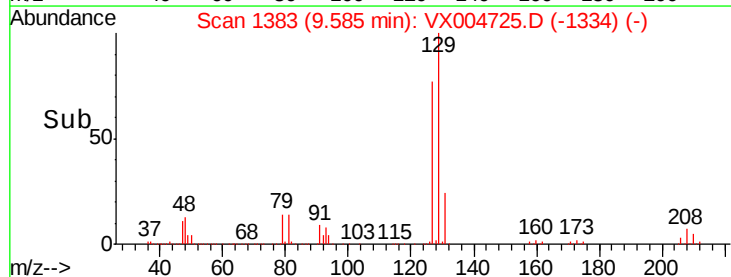
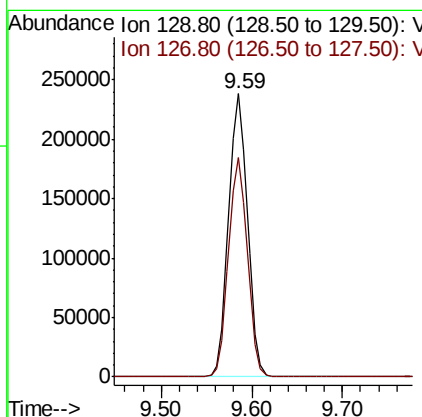
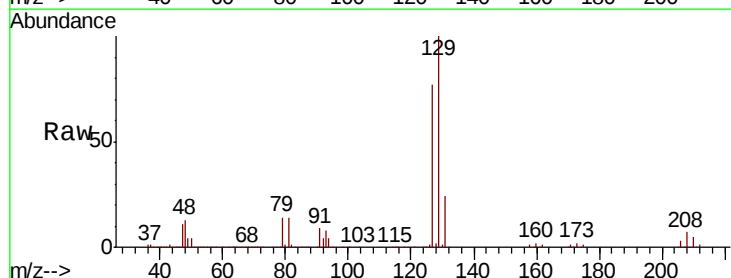
Manual Integrations
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10/1/2018 1:30:59 PM



#60
Dibromochloromethane
Concen: 94.215 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion: 129 Resp: 346540
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 89.268 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:107 Resp: 341236

Ion Ratio Lower Upper

107 100

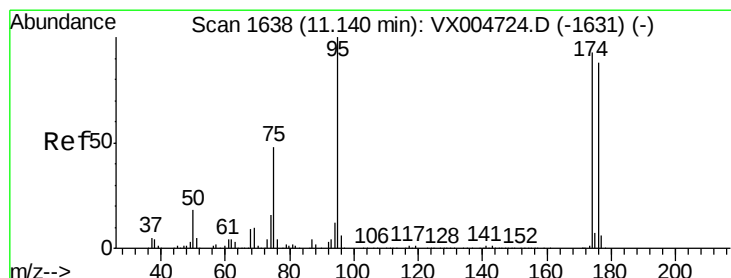
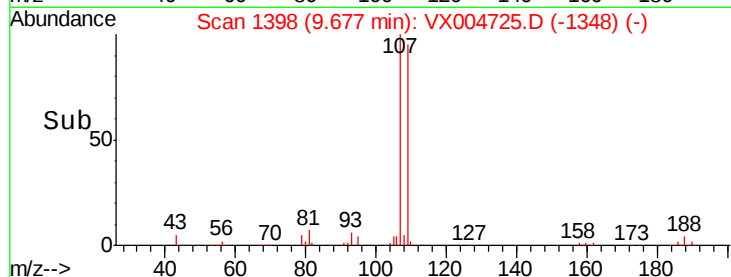
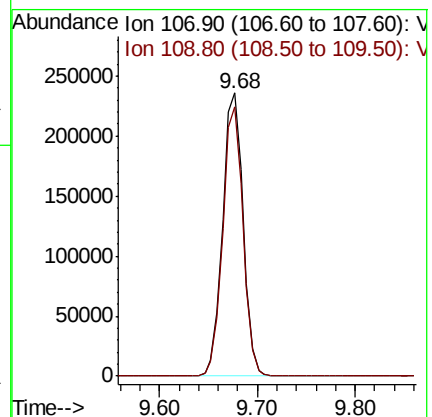
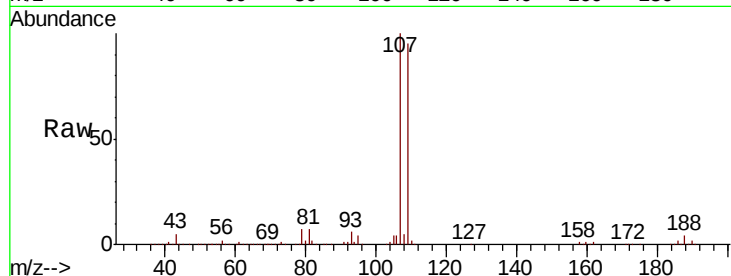
109 94.3 76.0 114.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 117.152 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

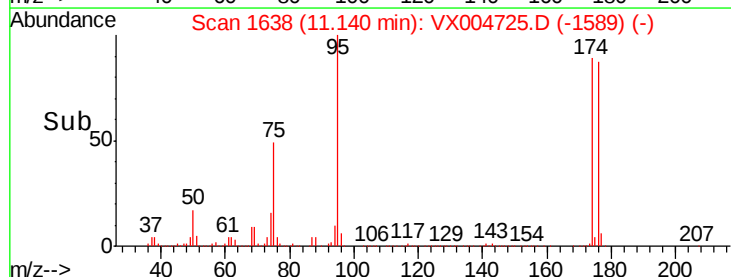
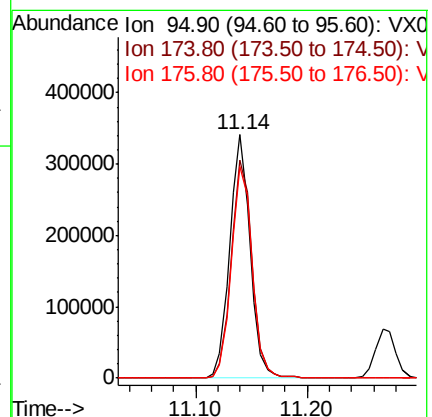
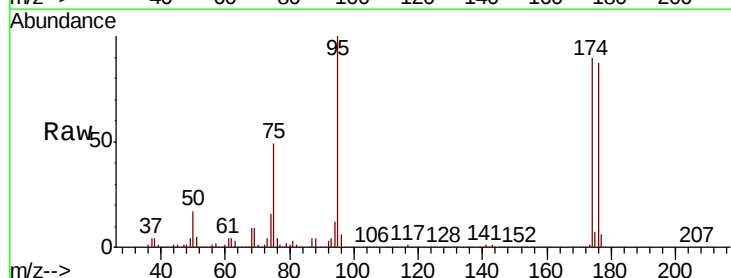
Tgt Ion: 95 Resp: 431641

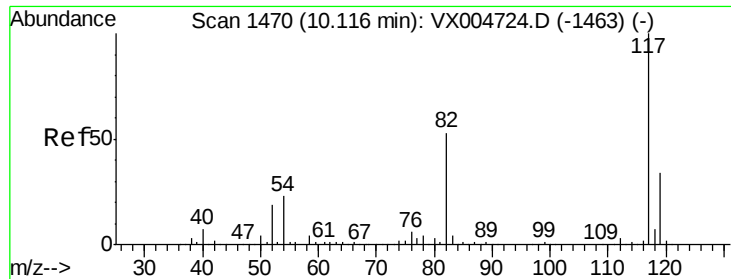
Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.2

176 89.3 0.0 178.6





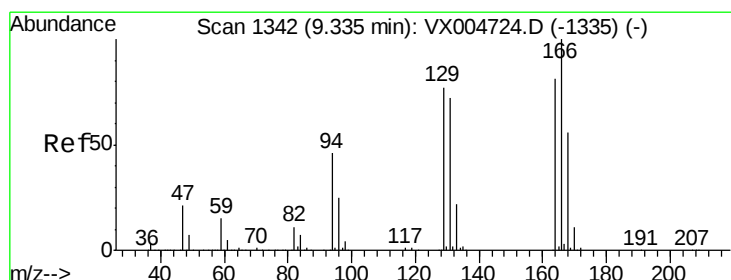
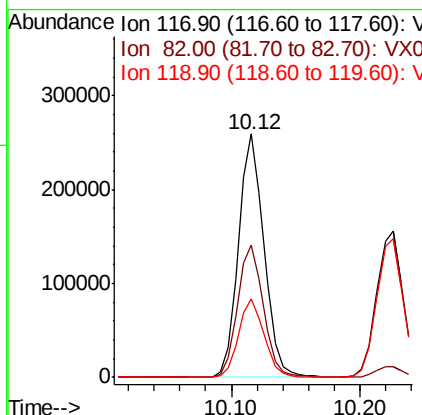
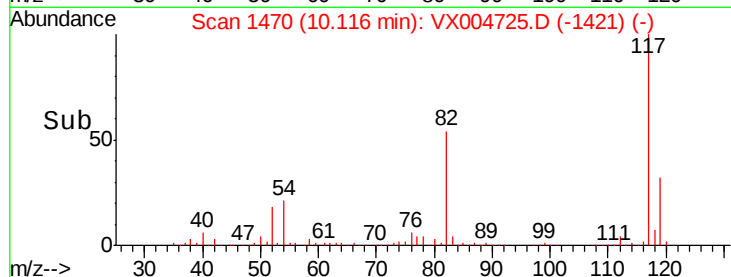
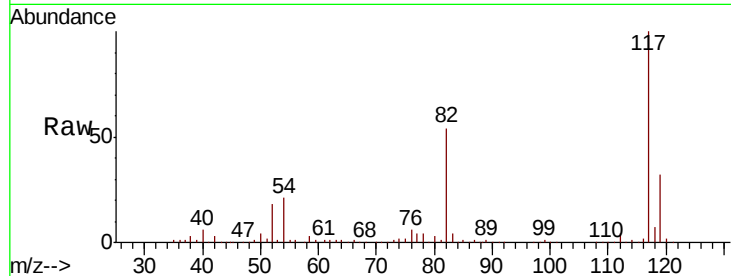
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	47.8	71.6
119	32.3	29.3	43.9

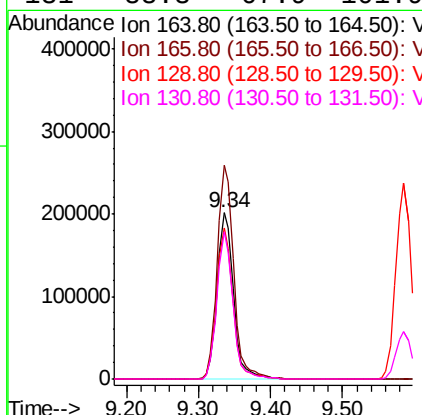
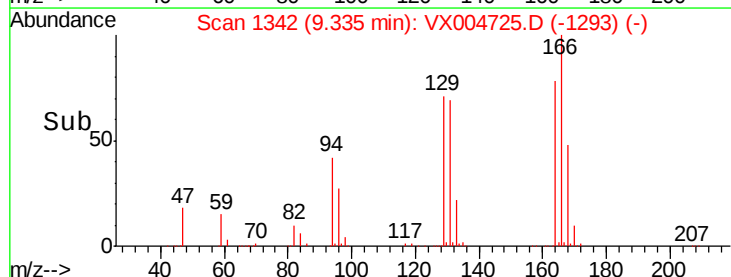
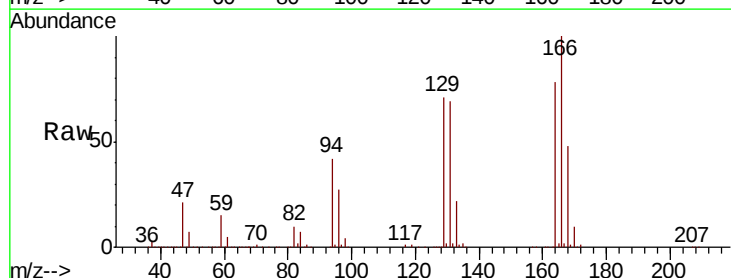
Manual Integrations
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#64
Tetrachloroethene
Concen: 89.062 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.8	154.2
129	91.3	69.4	104.0
131	88.3	67.9	101.9





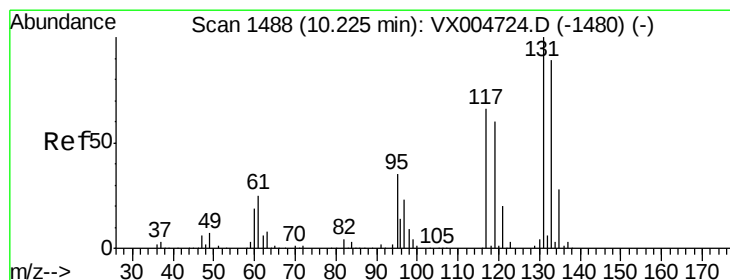
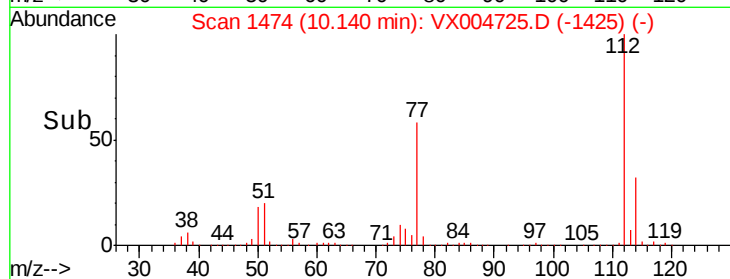
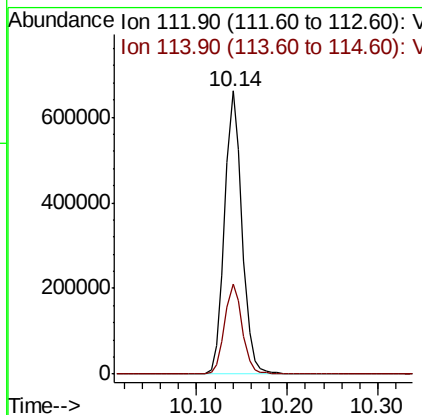
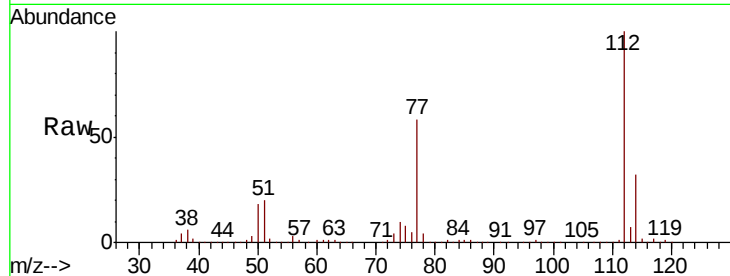
#65
Chlorobenzene
Concen: 99.174 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 886037
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8

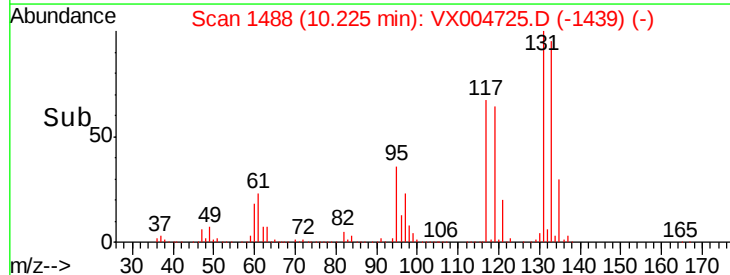
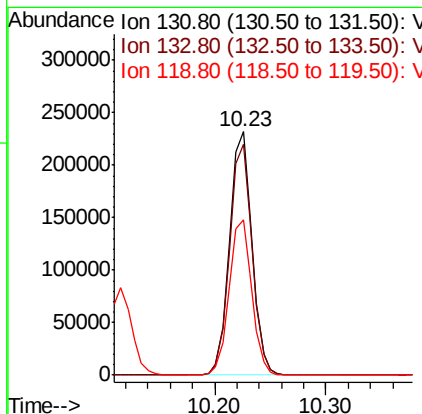
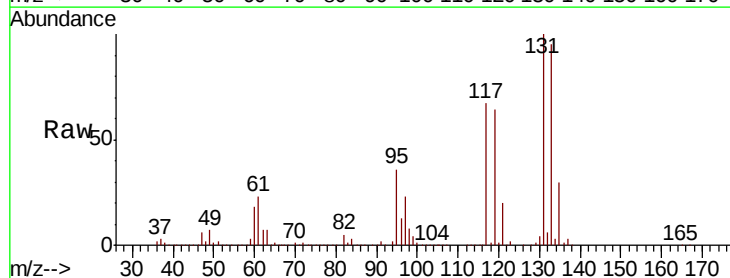
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#66
1,1,1,2-Tetrachloroethane
Concen: 103.067 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion:131 Resp: 321627
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 64.6 32.9 98.6





#67

Ethyl Benzene

Concen: 106.967 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1528303

Ion Ratio Lower Upper

91 100

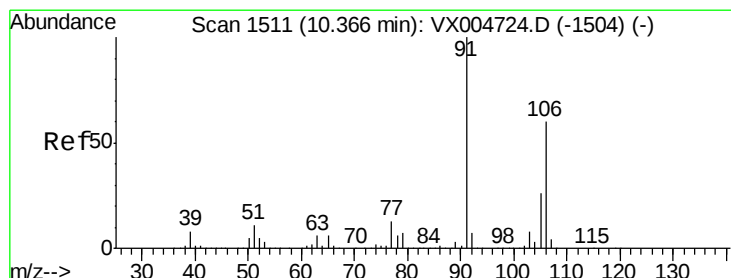
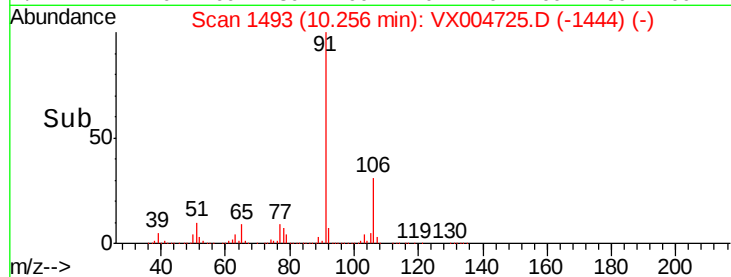
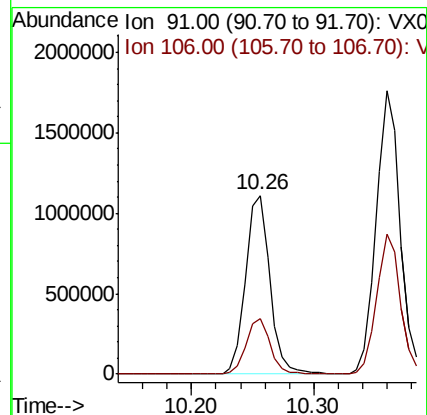
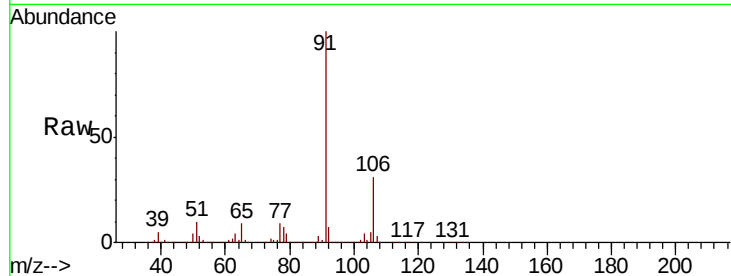
106 31.2 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 204.331 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004725.D

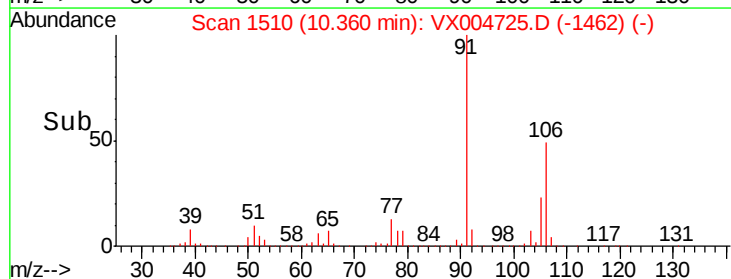
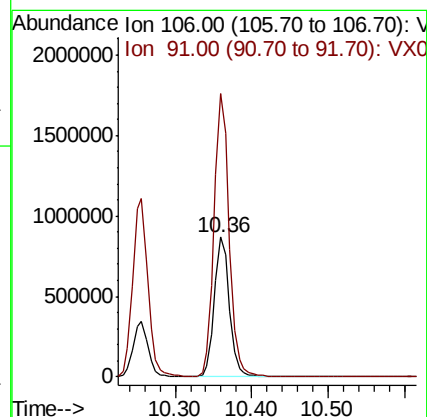
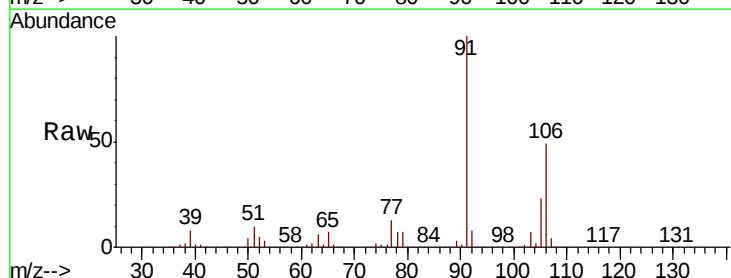
Acq: 26 Sep 2018 13:21

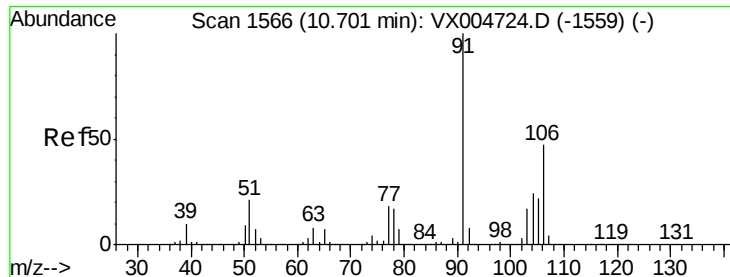
Tgt Ion: 106 Resp: 1194284

Ion Ratio Lower Upper

106 100

91 202.7 157.1 235.7





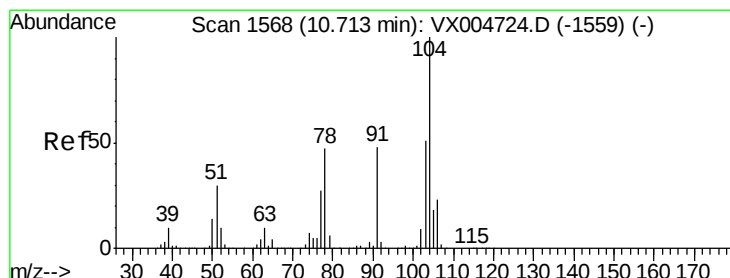
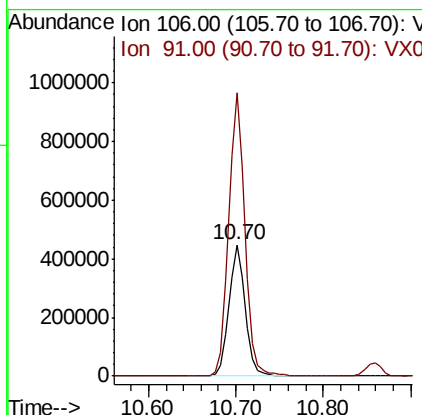
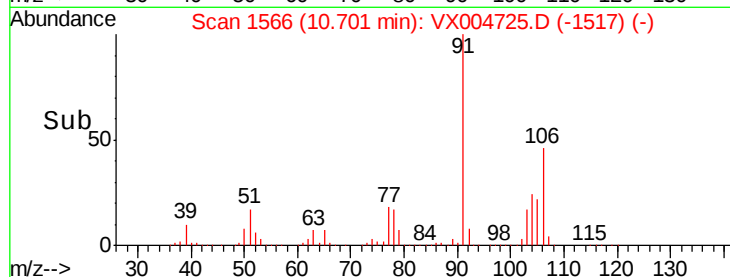
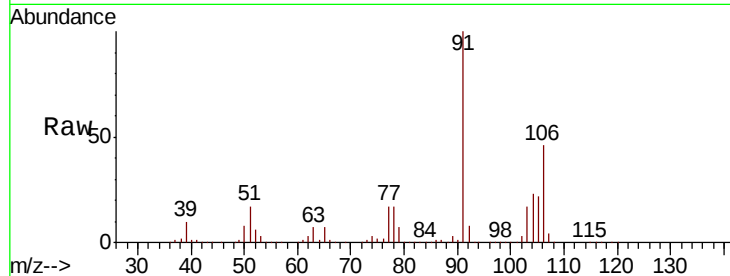
#69
o-Xylene
Concen: 109.254 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.0	105.1	315.1

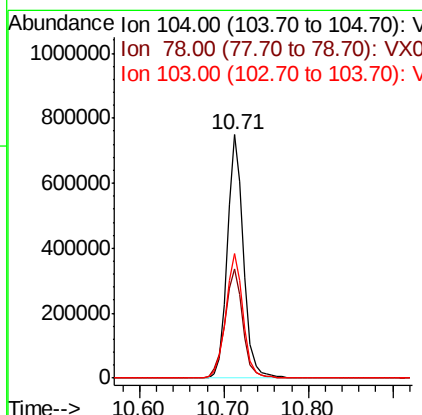
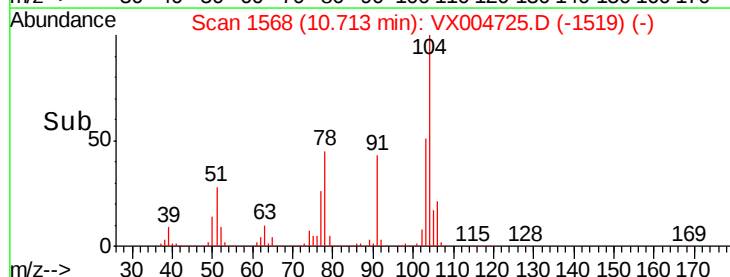
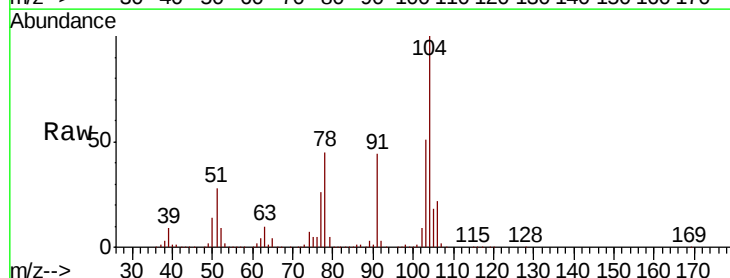
Manual Integrations
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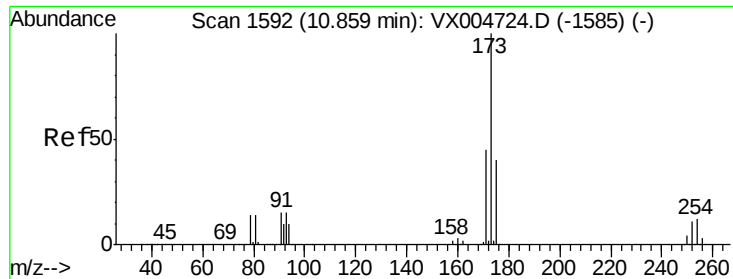
MMDadoda
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#70
Styrene
Concen: 109.048 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.8	37.4	56.0
103	55.5	43.8	65.6





#71

Bromoform

Concen: 107.463 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

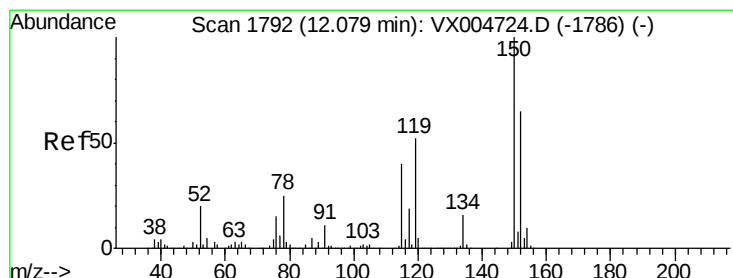
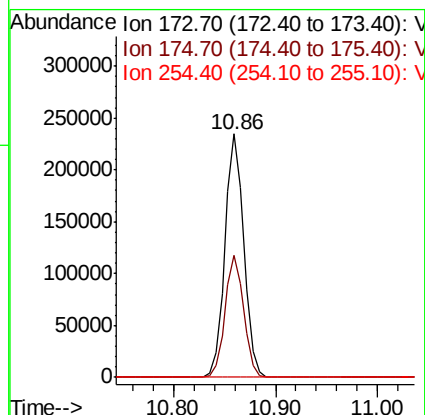
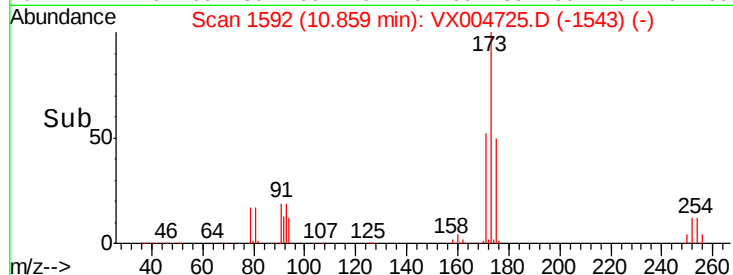
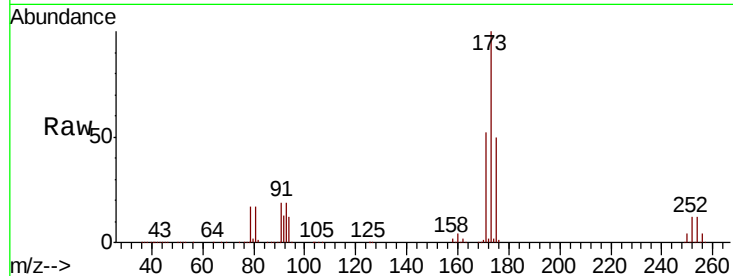
ClientSampleId :

VSTDIC100

Tot Ion:	173	Resp:	301246
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

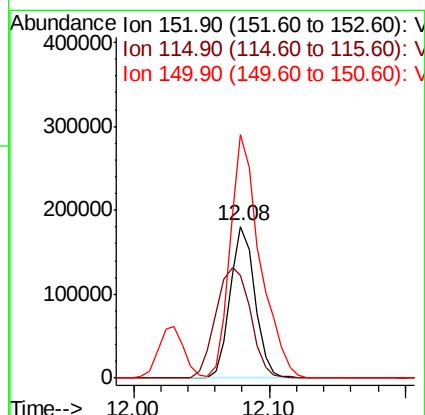
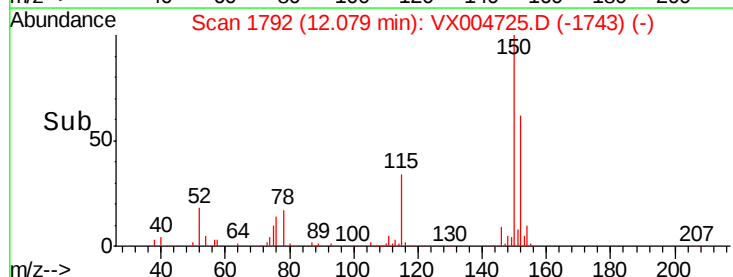
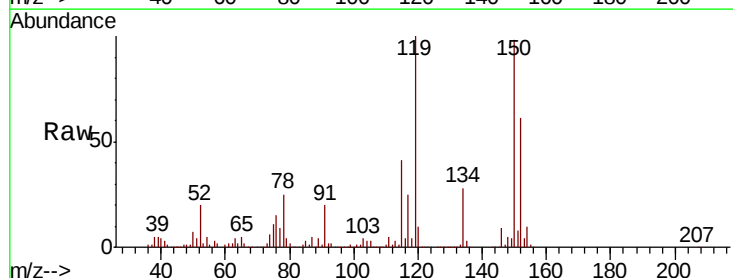
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion:	152	Resp:	229125
Ion Ratio	Lower	Upper	
152	100		
115	101.7	39.0	117.0
150	193.6	0.0	351.0





#73

Isopropylbenzene

Concen: 94.568 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 105 Resp: 1523113

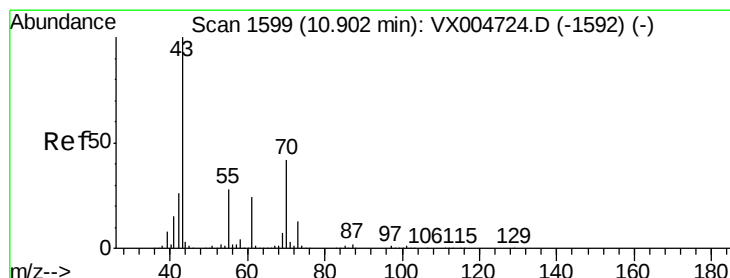
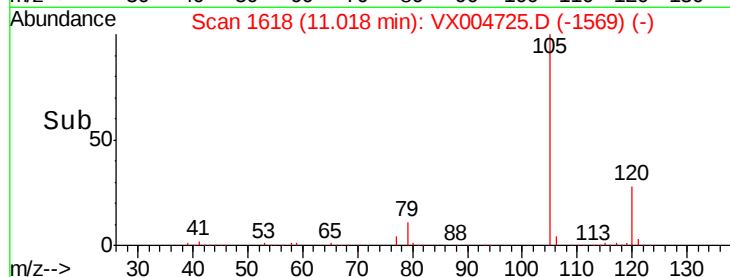
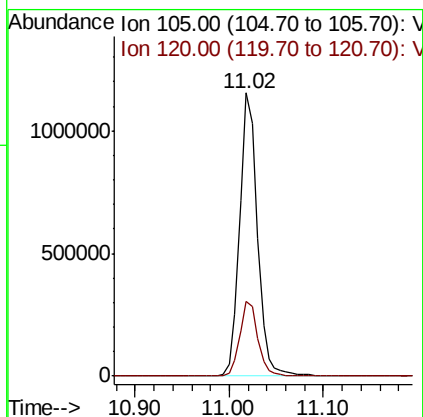
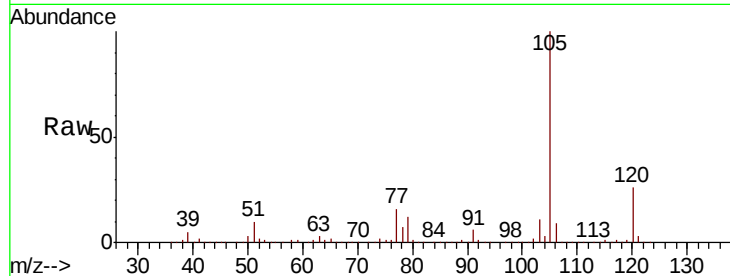
Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4

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#74

N-ethyl acetate

Concen: 100.818 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion: 43 Resp: 793123

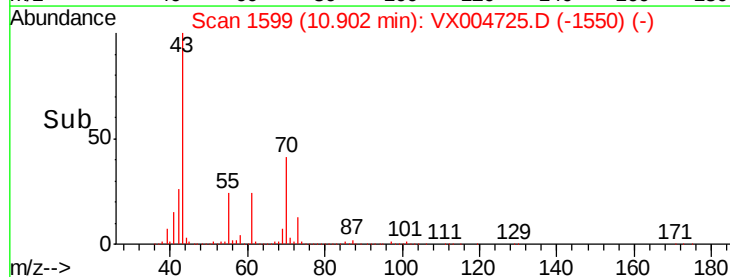
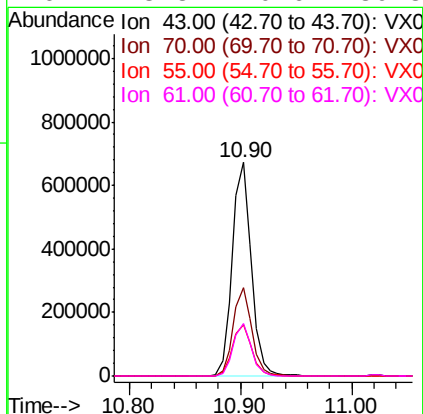
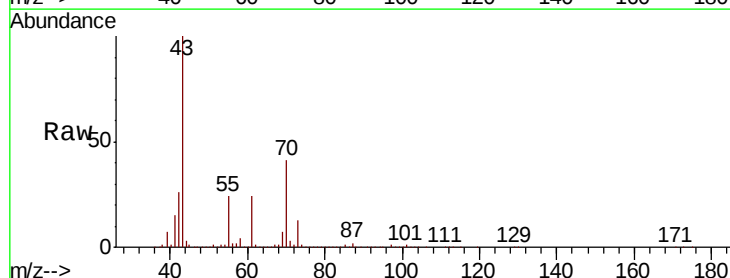
Ion Ratio Lower Upper

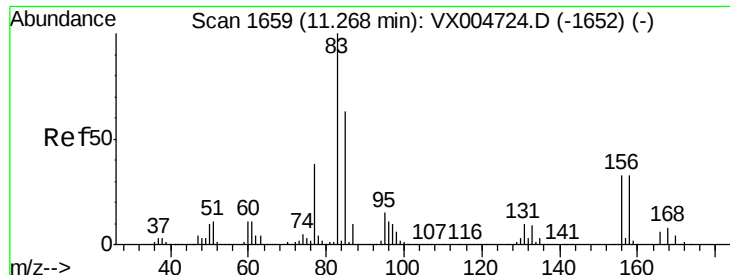
43 100

70 40.5 37.4 56.0

55 24.5 21.8 32.8

61 23.8 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 98.719 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

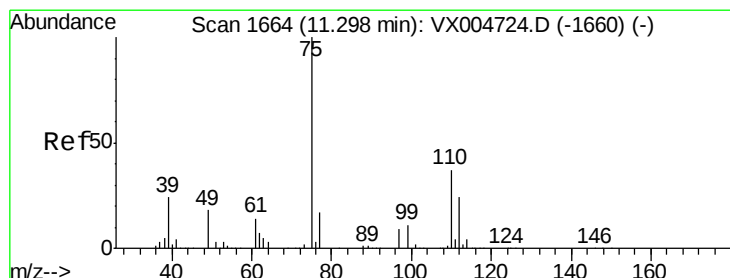
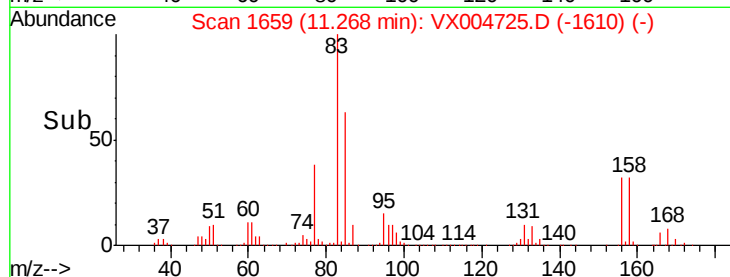
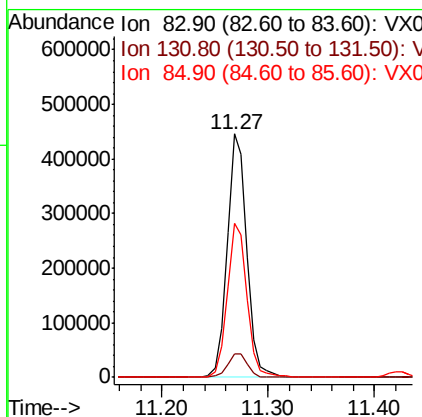
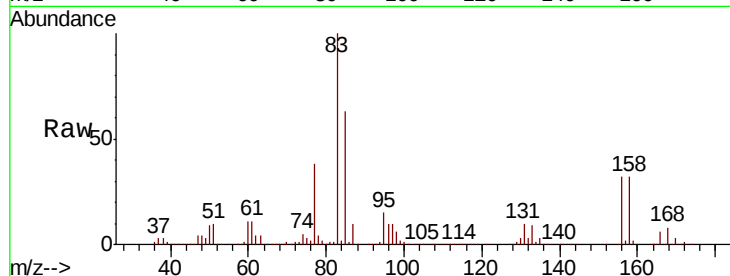
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	571960
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	64.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 96.755 ug/l m

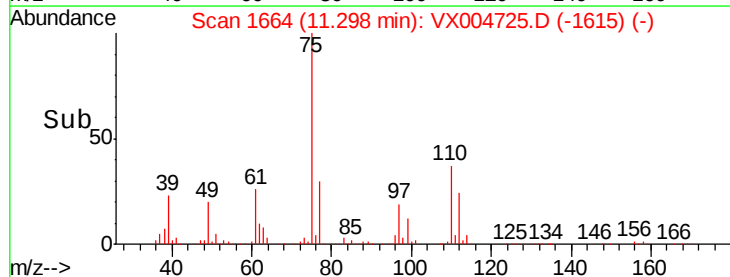
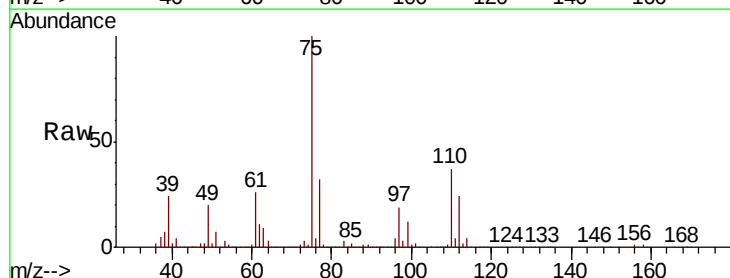
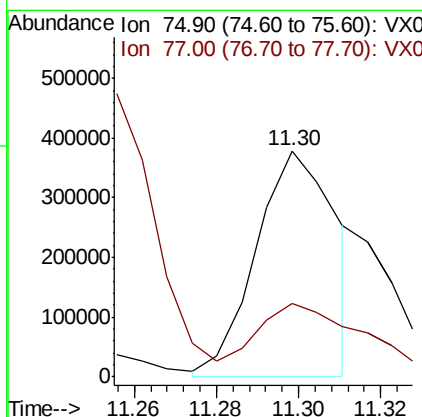
RT: 11.30 min Scan# 1664

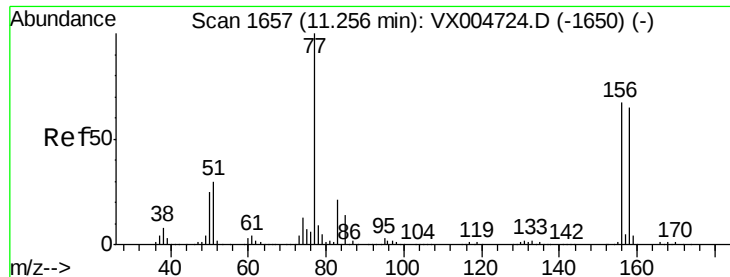
Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion:	75	Resp:	513677
Ion	Ratio	Lower	Upper
75	100		
77	43.2	20.2	60.6





#77

Bromobenzene

Concen: 96.117 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 420164

Ion Ratio Lower Upper

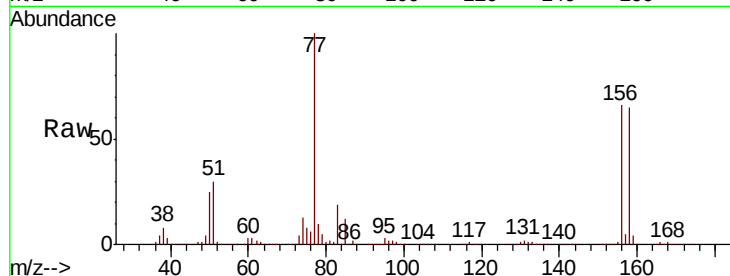
156 100

77 146.9 71.5 214.3

158 97.4 48.9 146.8

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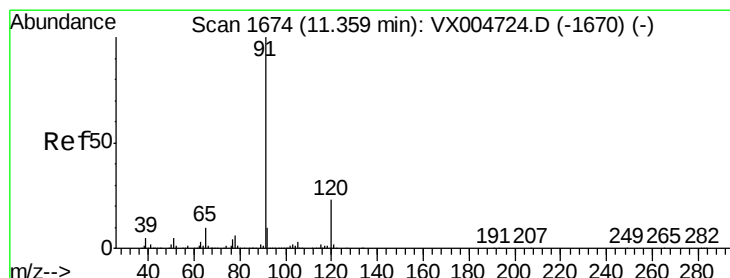
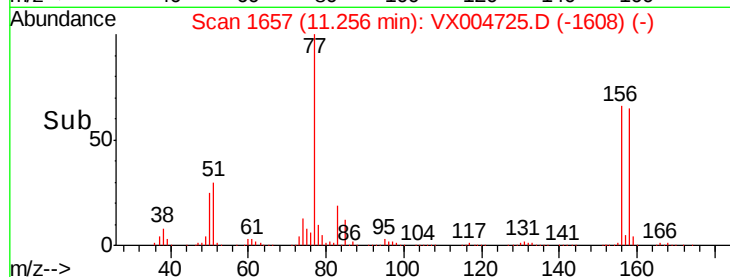
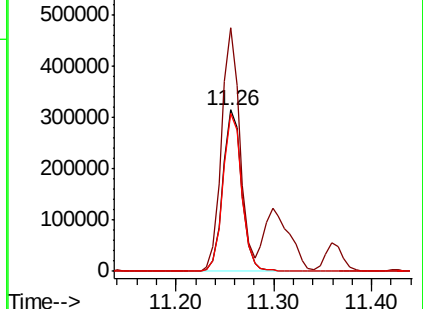
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 96.464 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004725.D

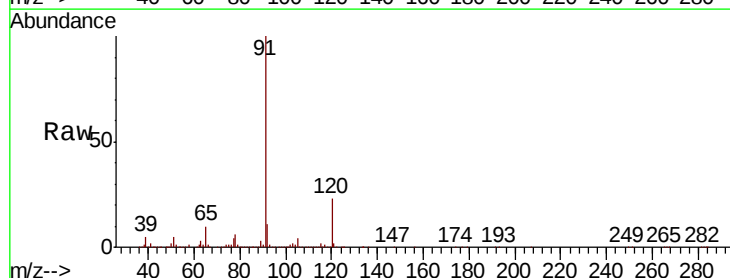
Acq: 26 Sep 2018 13:21

Tgt Ion: 91 Resp: 1796520

Ion Ratio Lower Upper

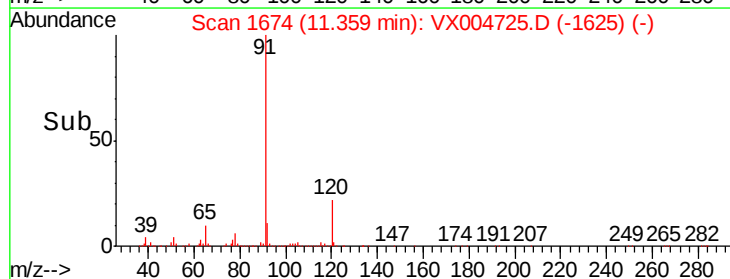
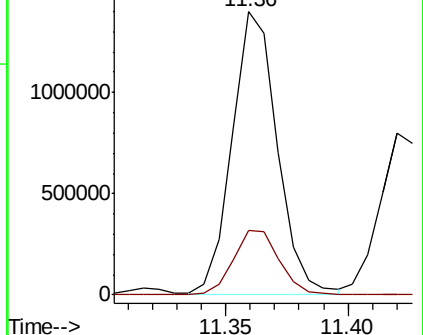
91 100

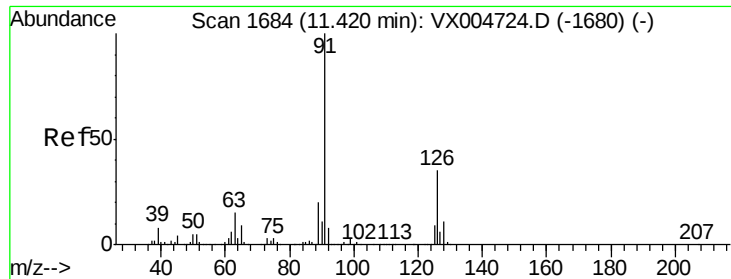
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.139 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1085864

Ion Ratio Lower Upper

91 100

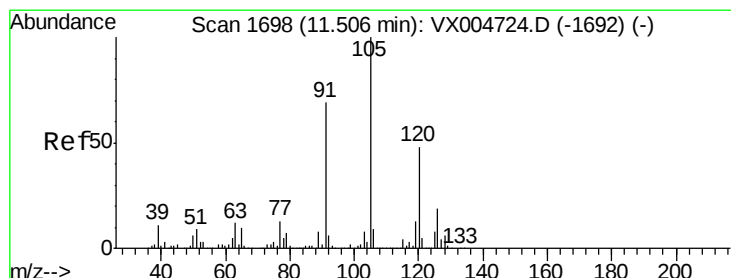
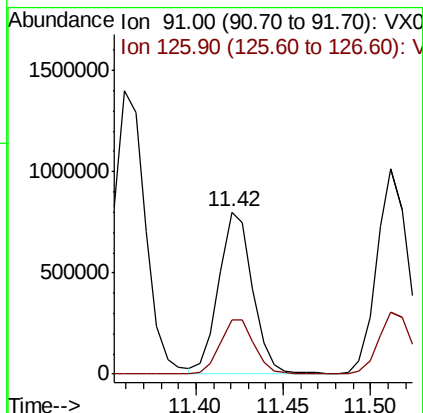
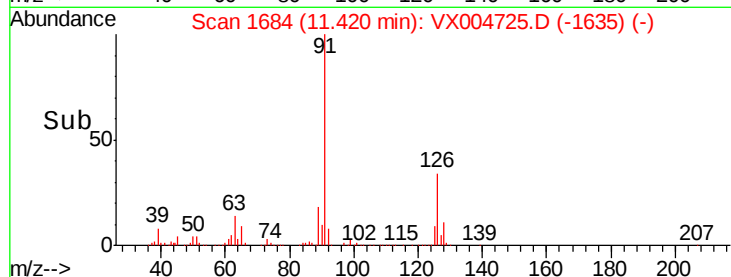
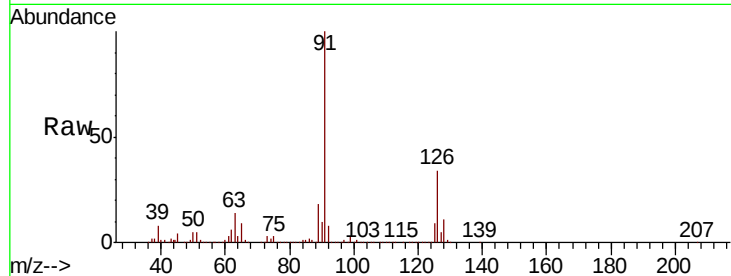
126 34.3 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 95.685 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004725.D

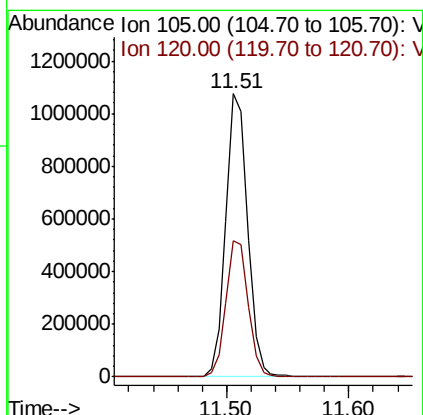
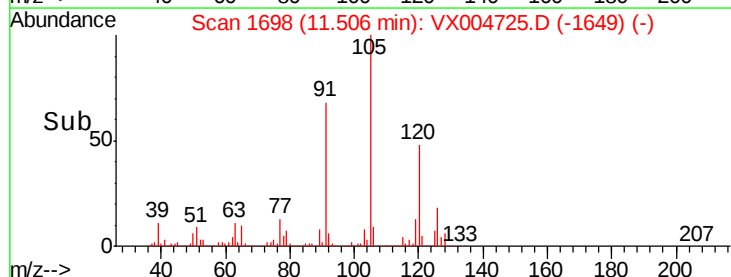
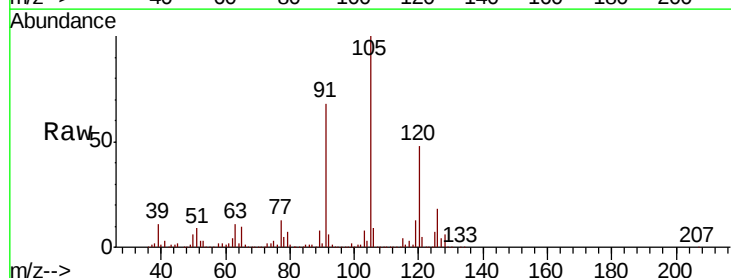
Acq: 26 Sep 2018 13:21

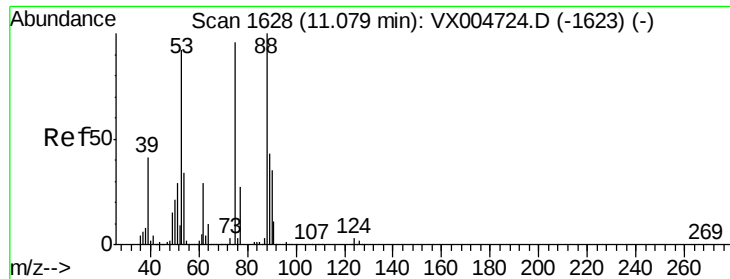
Tgt Ion: 105 Resp: 1327238

Ion Ratio Lower Upper

105 100

120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 105.633 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

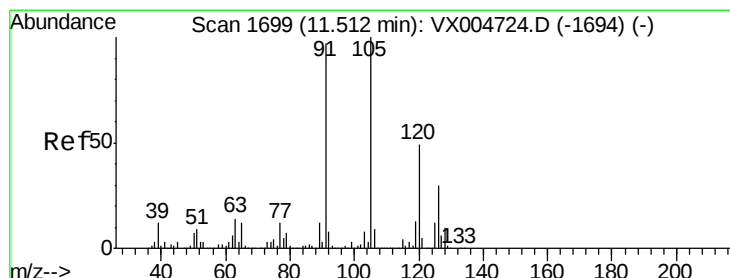
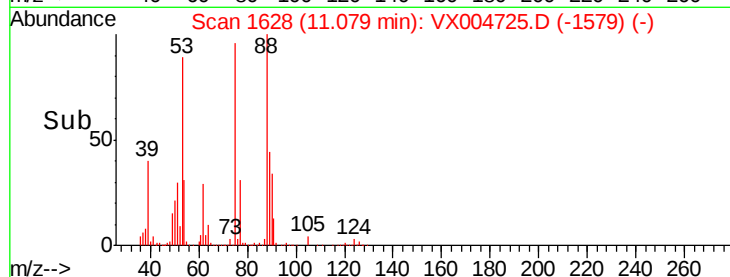
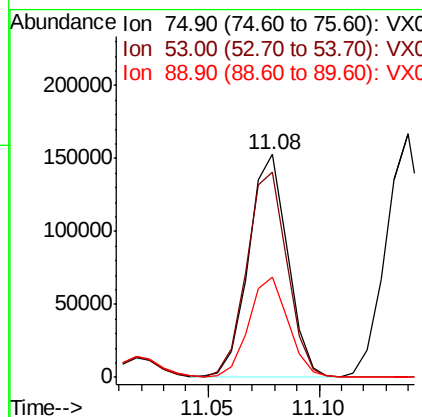
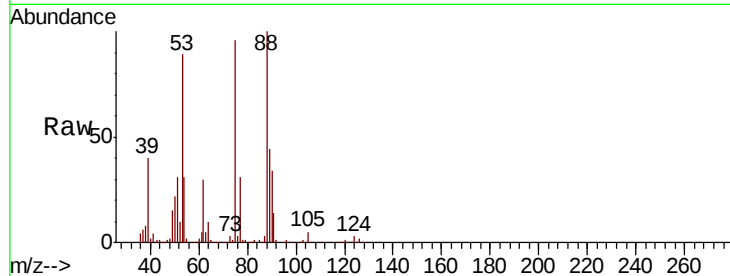
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	186309
Ion	Ratio	Lower	Upper
75	100		
53	95.8	80.1	120.1
89	45.8	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 96.078 ug/l

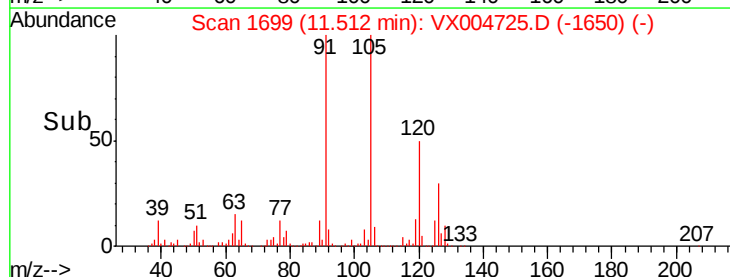
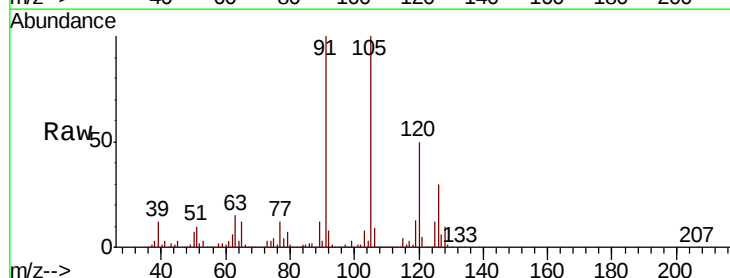
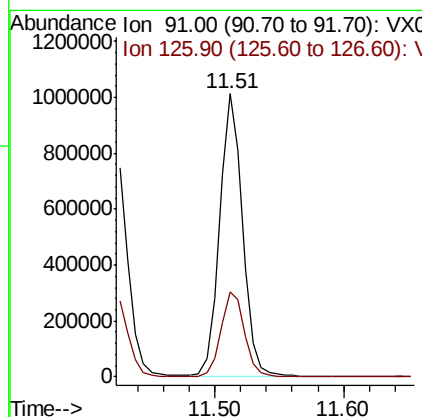
RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion:	91	Resp:	1277465
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





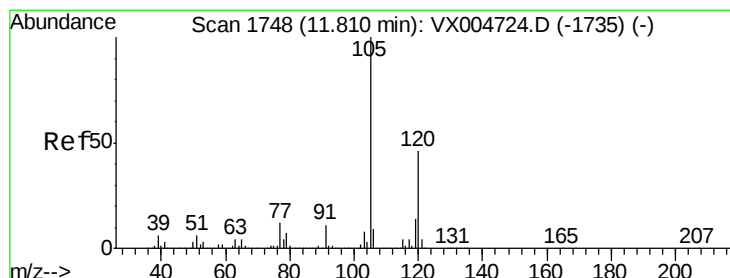
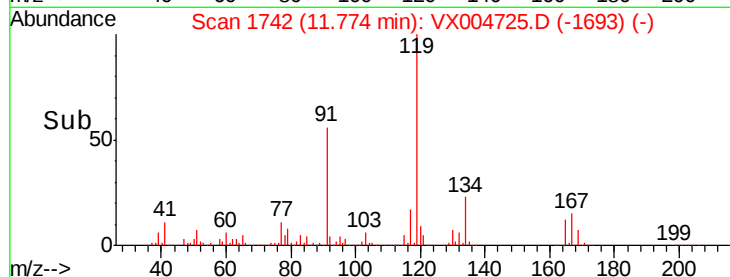
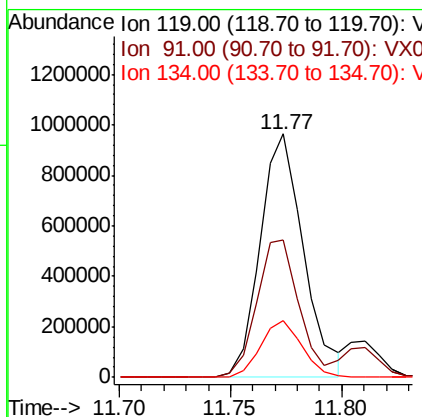
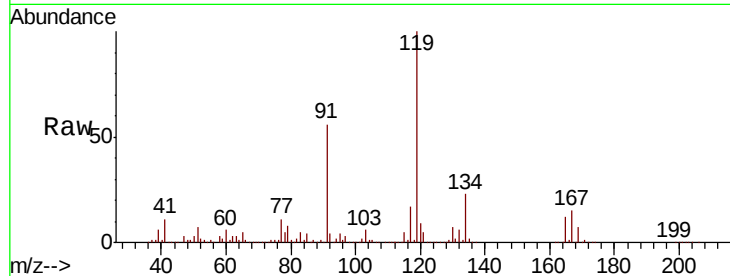
#83
 tert-Butylbenzene
 Concen: 98.695 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.7	27.0	81.0
134	22.6	11.7	35.1

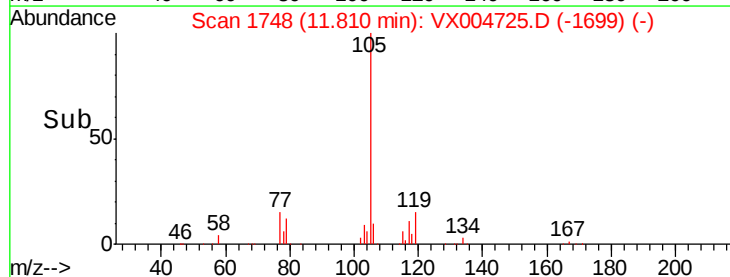
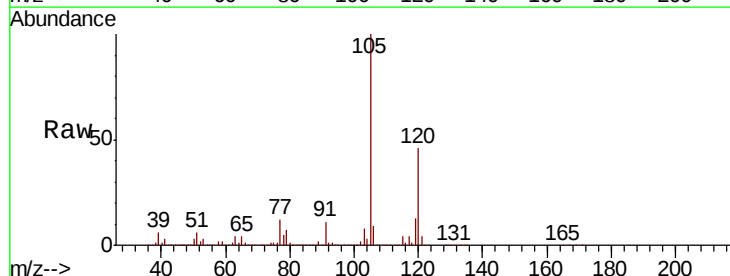
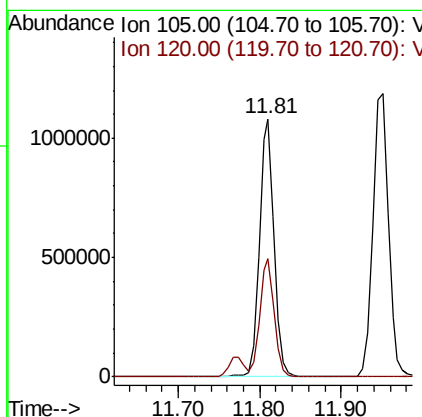
Manual Integrations
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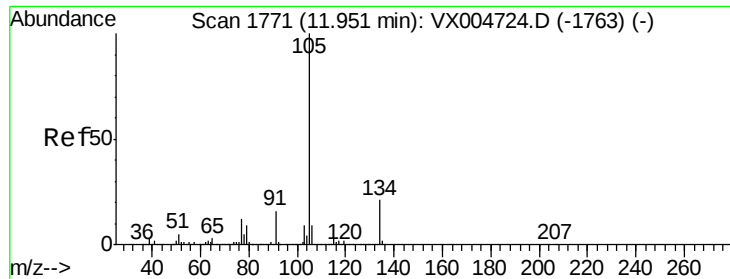
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 96.137 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.2	69.6





#85

sec-Butylbenzene

Concen: 96.775 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1554391

Ion Ratio Lower Upper

105 100

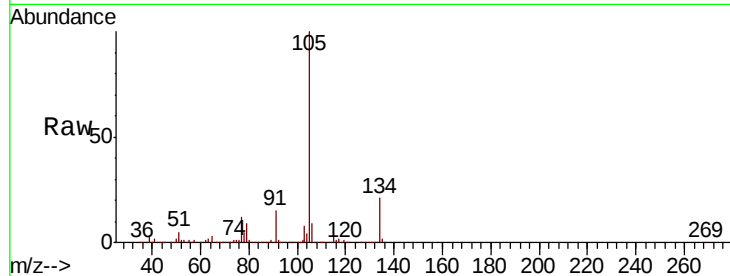
134 20.4 10.5 31.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

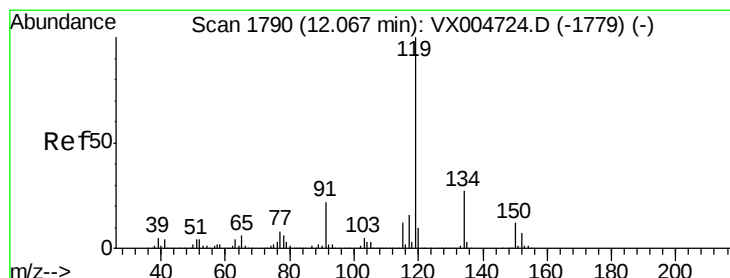
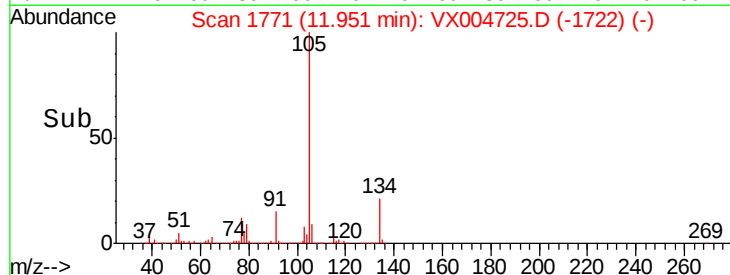
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 96.601 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

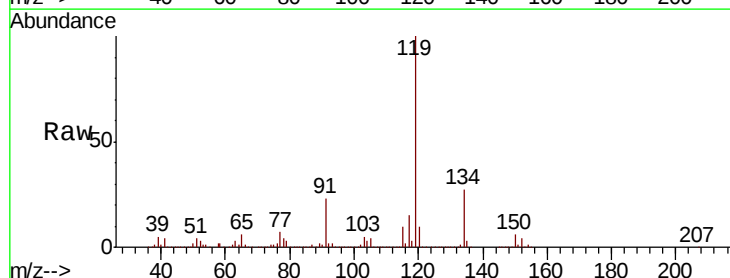
Tgt Ion:119 Resp: 1410106

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.9 10.9 32.7



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

1500000

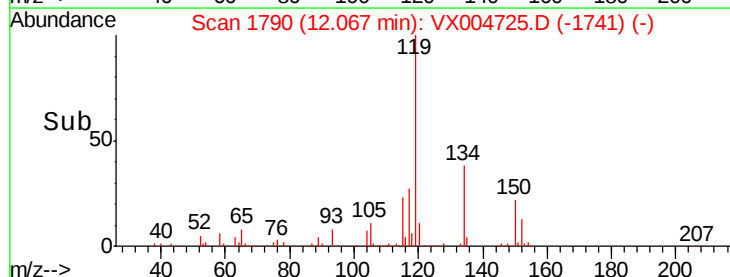
1000000

500000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 96.974 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

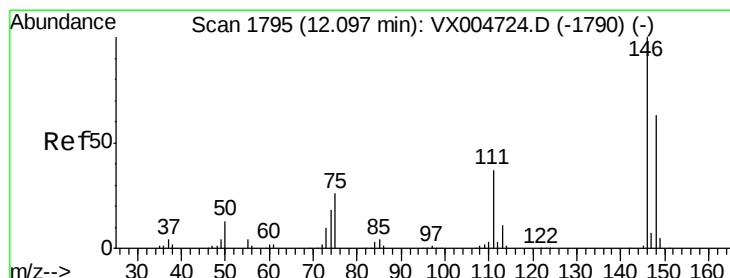
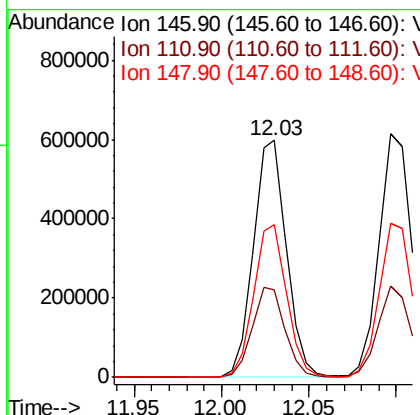
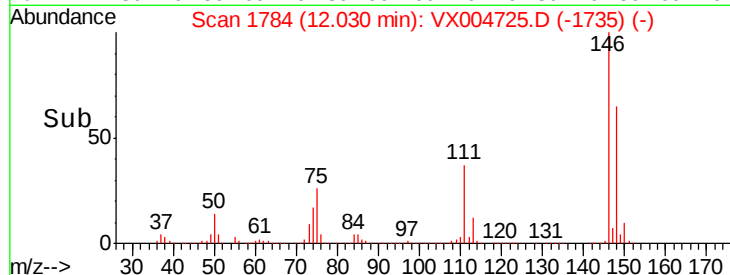
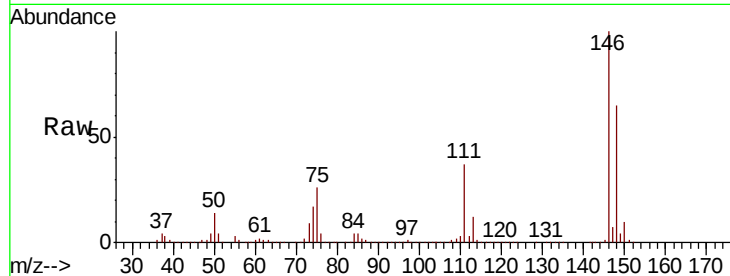
ClientSampled :

VSTDIC100

Tot Ion:	146	Resp:	785734
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.7	56.1
148	64.3	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 97.359 ug/l

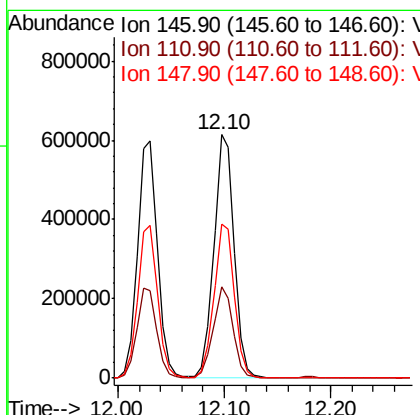
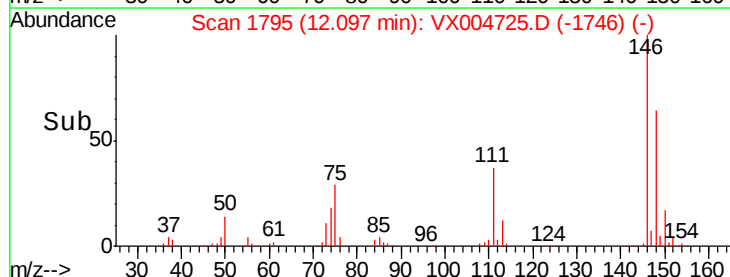
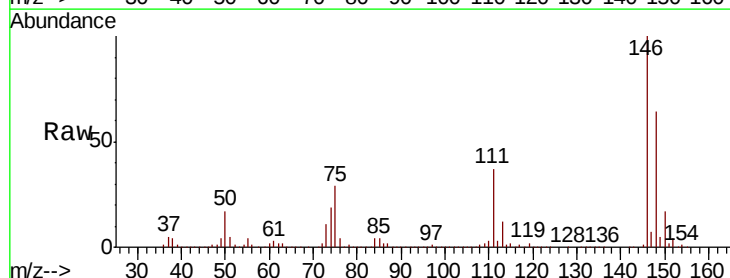
RT: 12.10 min Scan# 1795

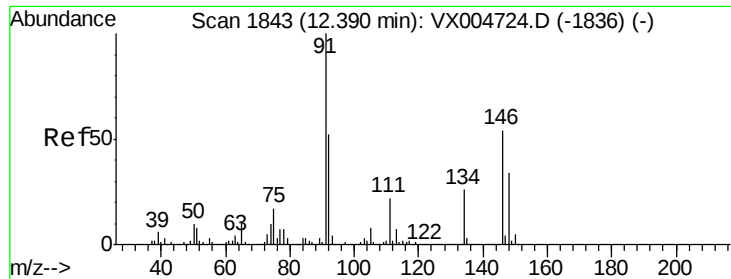
Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion:	146	Resp:	800687
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.1	54.1
148	63.8	32.0	96.0





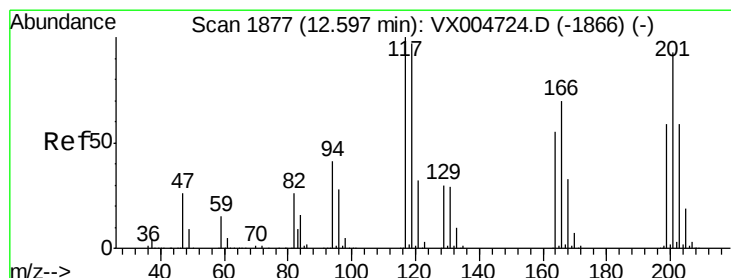
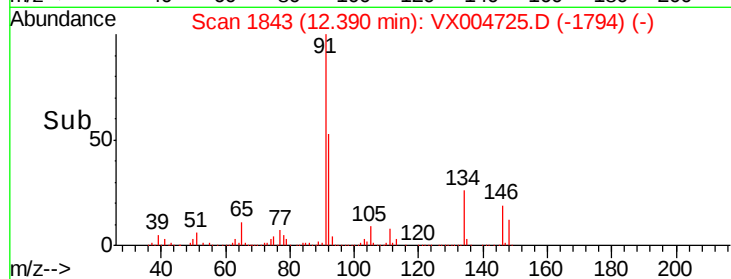
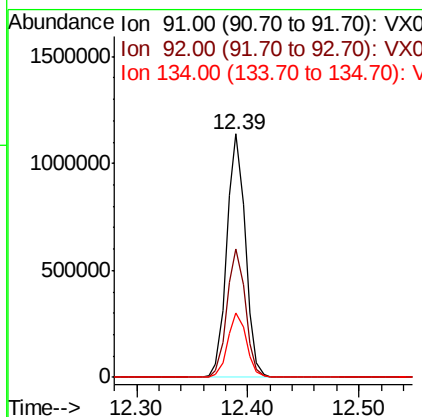
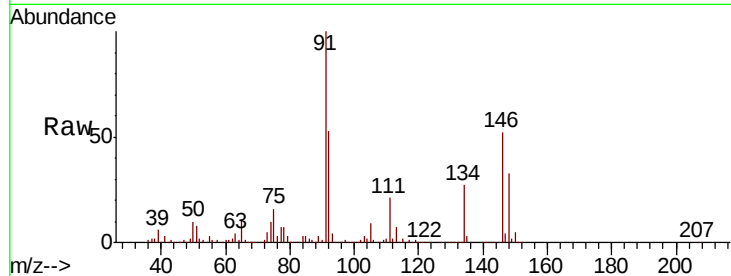
#89
n-Butylbenzene
Concen: 99.629 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1308274
Ion Ratio Lower Upper
91 100
92 52.8 27.3 81.9
134 26.7 13.6 40.7

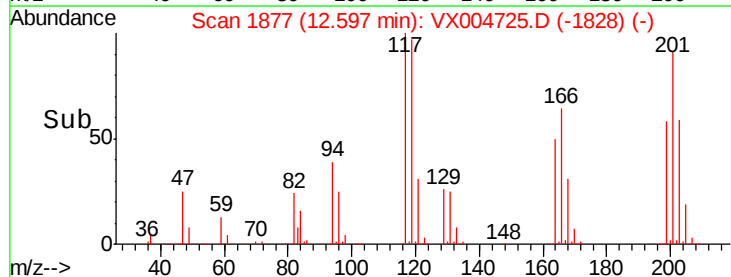
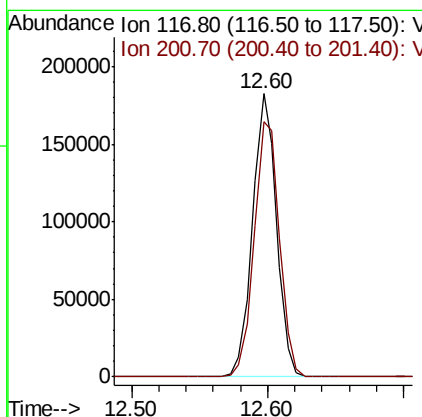
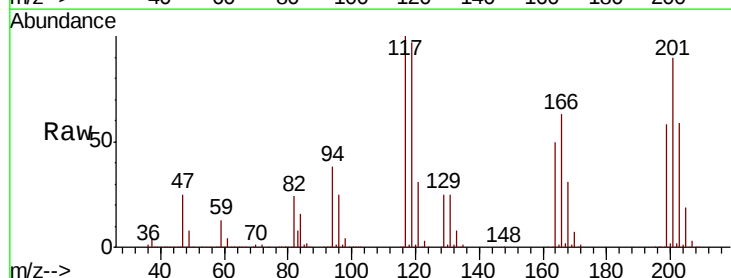
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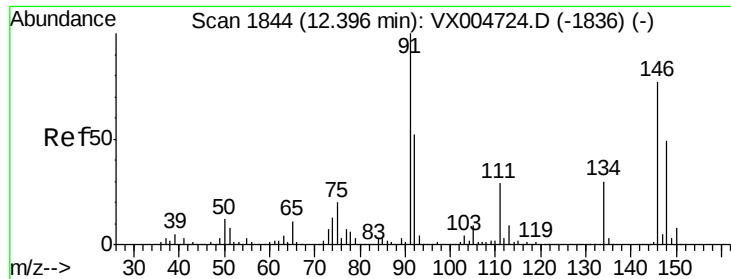
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#90
Hexachloroethane
Concen: 103.470 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion: 117 Resp: 226154
Ion Ratio Lower Upper
117 100
201 95.3 46.9 140.6





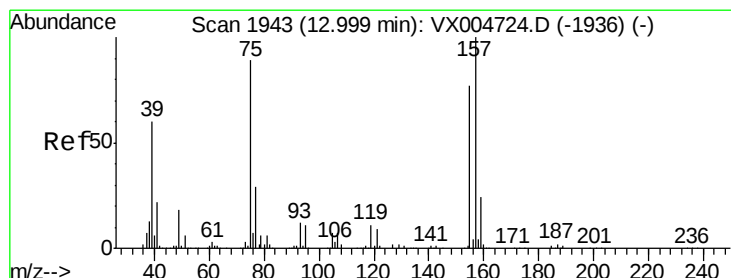
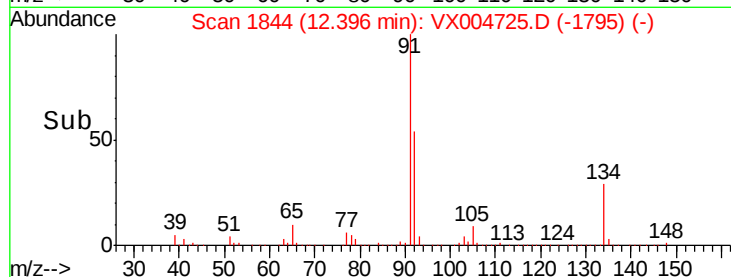
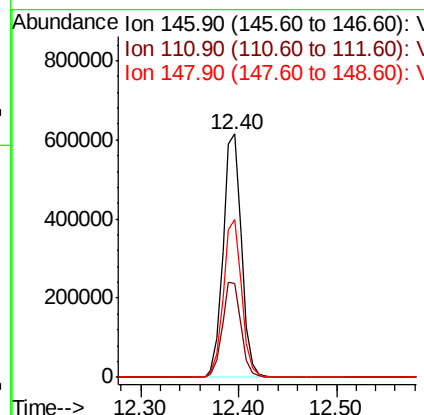
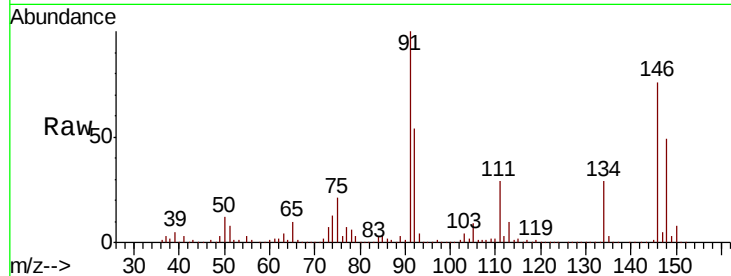
#91
 1,2-Dichlorobenzene
 Concen: 96.257 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.1
148	64.2	32.8	98.3

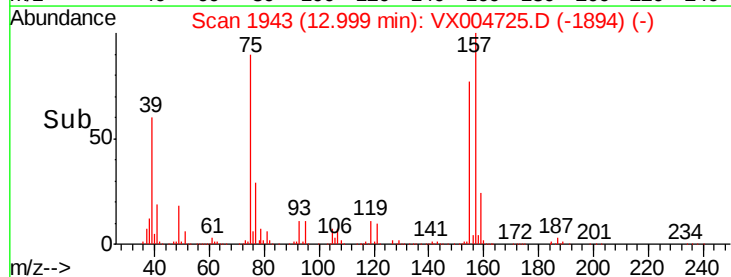
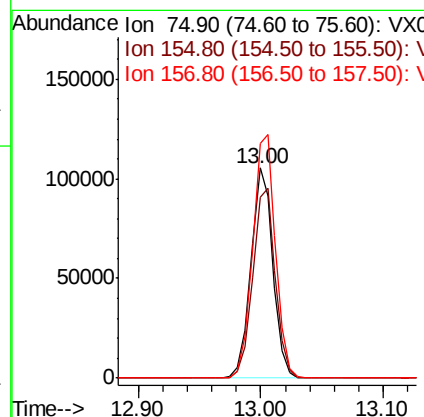
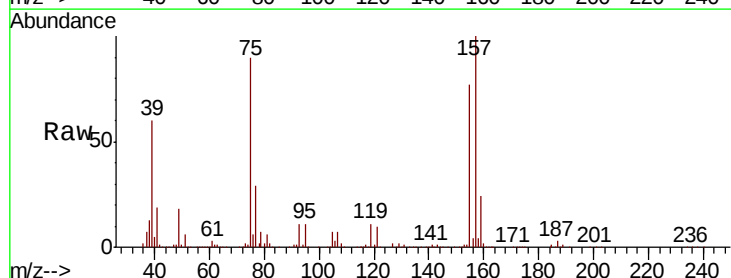
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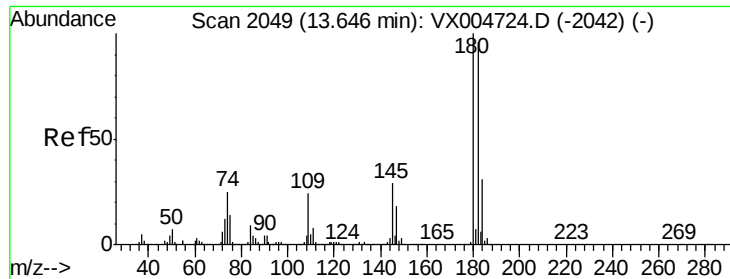
MMDadoda
 10/1/2018 1:30:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.357 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	48.0	144.2
157	120.5	61.4	184.1





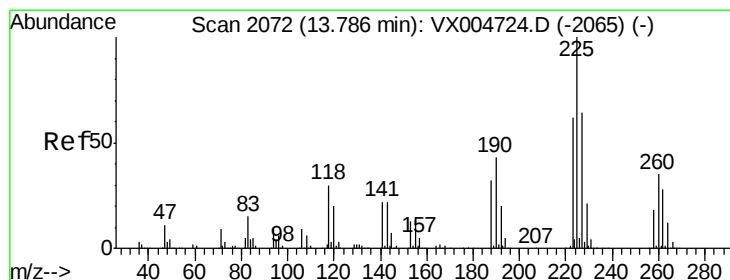
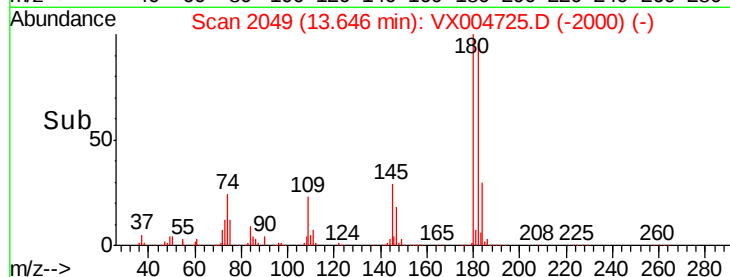
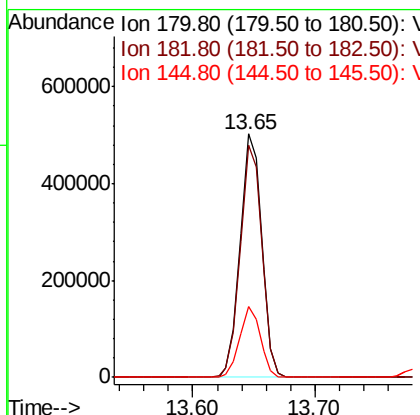
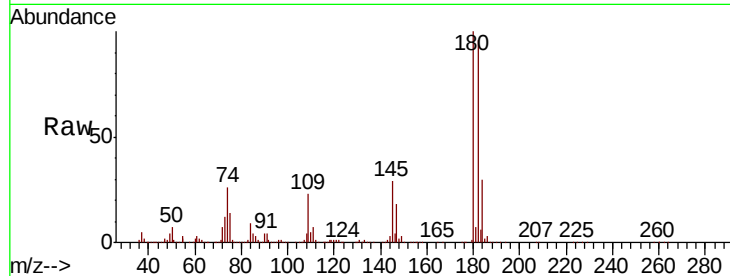
#93
 1,2,4-Trichlorobenzene
 Concen: 100.284 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	609974		
182	95.7	48.4	145.0	
145	28.1	14.3	42.9	

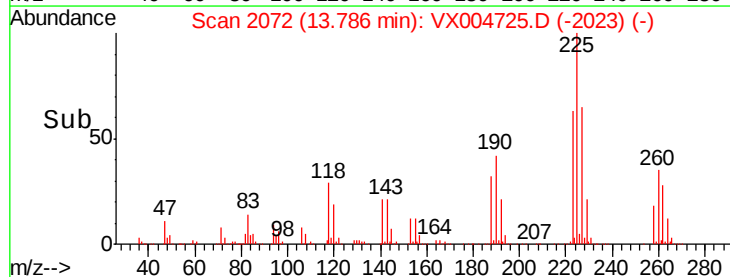
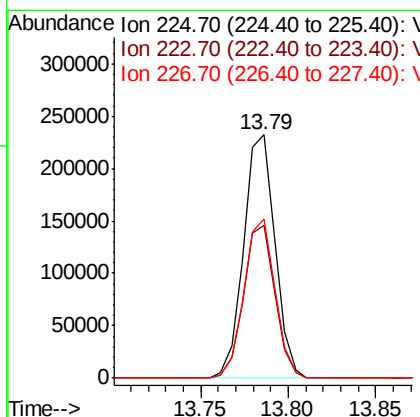
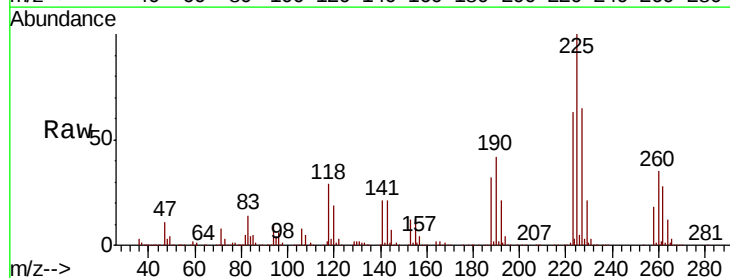
Manual Integrations
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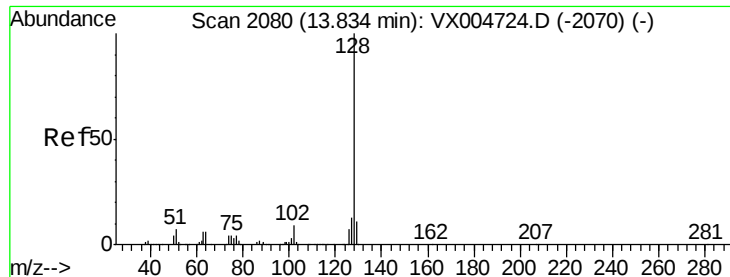
MMDadoda
 10/1/2018 1:30:59 PM



#94
 Hexachlorobutadiene
 Concen: 98.970 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	288906		
223	62.7	30.1	90.5	
227	64.7	30.8	92.4	





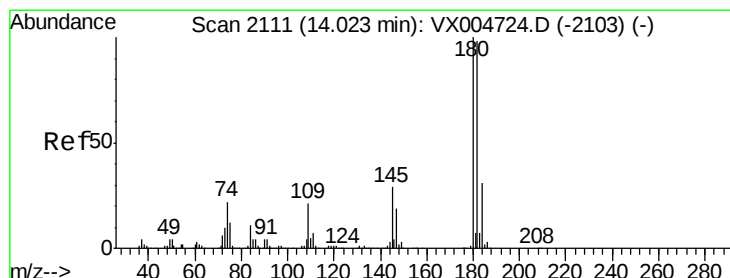
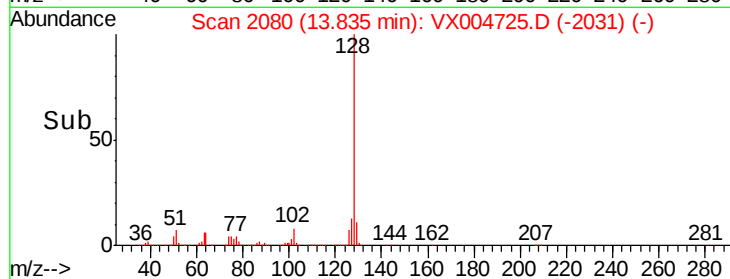
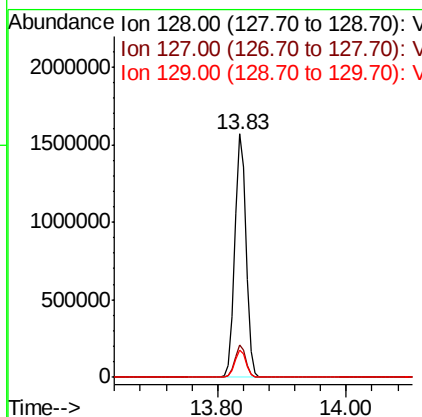
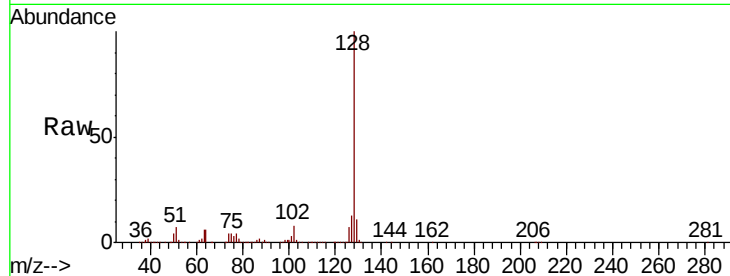
#95
Naphthalene
Concen: 99.302 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/1/2018 1:30:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 98.976 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.5	145.6
145	29.7	14.9	44.9

