

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004997.D
 Acq On : 04 Oct 2018 04:41
 Operator : JC/MD
 Sample : VX1004WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Manual Integrations
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 10/5/2018 3:24:48 PM

Quant Time: Oct 04 08:59:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187261	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.51	113	158540	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.72	98	546019	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	198608	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74995	20.144	ug/l	99
3) Chloromethane	1.32	50	80739	17.875	ug/l	99
4) Vinyl Chloride	1.40	62	81299	19.190	ug/l	97
5) Bromomethane	1.64	94	45134	17.966	ug/l	97
6) Chloroethane	1.72	64	47835	19.289	ug/l	94
7) Trichlorofluoromethane	1.93	101	104880	19.997	ug/l	94
8) Diethyl Ether	2.19	74	44704	19.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59445	19.898	ug/l	96
10) Methyl Iodide	2.51	142	54957	13.747	ug/l	91
11) Tert butyl alcohol	3.07	59	115765	106.143	ug/l	98
12) 1,1-Dichloroethene	2.37	96	58286	19.700	ug/l	96
13) Acrolein	2.29	56	20941	26.986	ug/l	93
14) Allyl chloride	2.73	41	119512	18.513	ug/l	96
15) Acrylonitrile	3.15	53	237642	98.979	ug/l	97
16) Acetone	2.45	43	209949	92.194	ug/l #	88
17) Carbon Disulfide	2.57	76	154105	17.334	ug/l #	95
18) Methyl Acetate	2.78	43	132978	23.048	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	212411	20.814	ug/l	92
20) Methylene Chloride	2.85	84	68282	20.121	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	60167	18.577	ug/l	86
22) Diisopropyl ether	3.87	45	220783	20.310	ug/l	93
23) Vinyl Acetate	3.83	43	980318	98.520	ug/l	97
24) 1,1-Dichloroethane	3.70	63	123811	19.094	ug/l	98
25) 2-Butanone	4.70	43	338646	100.886	ug/l	92
26) 2,2-Dichloropropane	4.58	77	57235	12.675	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	70131	19.383	ug/l	99
28) Bromochloromethane	5.01	49	58041	19.008	ug/l	99
29) Tetrahydrofuran	5.16	42	210826	101.051	ug/l	98
30) Chloroform	5.21	83	116640	19.033	ug/l	90
31) Cyclohexane	5.57	56	100437	20.237	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	98531	19.687	ug/l	97
36) 1,1-Dichloropropene	5.80	75	81621	18.567	ug/l	95
37) Ethyl Acetate	4.86	43	112150	19.220	ug/l	98
38) Carbon Tetrachloride	5.78	117	81207	17.574	ug/l	93

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85356	19.016	ug/l	86
40) Benzene	6.15	78	264911	19.249	ug/l	90
41) Methacrylonitrile	5.06	41	65052	20.102	ug/l	98
42) 1,2-Dichloroethane	6.20	62	90620	18.626	ug/l	99
43) Isopropyl Acetate	6.46	43	166075	19.719	ug/l	96
44) Trichloroethene	7.21	130	67126	19.841	ug/l	98
45) 1,2-Dichloropropane	7.52	63	67619	20.036	ug/l	98
46) Dibromomethane	7.66	93	41879	19.745	ug/l	99
47) Bromodichloromethane	7.90	83	77465	19.507	ug/l	98
48) Methyl methacrylate	7.77	41	79989	20.925	ug/l	98
49) 1,4-Dioxane	7.76	88	38559	406.007	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	562682	106.106	ug/l	99
52) Toluene	8.79	92	152229	20.130	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	81318	18.121	ug/l	90
54) cis-1,3-Dichloropropene	8.44	75	90189	19.188	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	64465	19.461	ug/l	96
56) Ethyl methacrylate	9.18	69	96683	19.819	ug/l	96
57) 1,3-Dichloropropane	9.37	76	106949	19.399	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	276313	105.537	ug/l	99
59) 2-Hexanone	9.49	43	437519	99.006	ug/l	96
60) Dibromochloromethane	9.59	129	62247	18.790	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66434	18.727	ug/l	94
64) Tetrachloroethene	9.34	164	70189	19.937	ug/l	96
65) Chlorobenzene	10.14	112	170671	18.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60959	18.904	ug/l	98
67) Ethyl Benzene	10.26	91	278767	19.143	ug/l	97
68) m/p-Xylenes	10.36	106	220198	38.695	ug/l	95
69) o-Xylene	10.70	106	107576	20.582	ug/l	96
70) Styrene	10.71	104	175417	19.317	ug/l	99
71) Bromoform	10.86	173	49666	17.990	ug/l #	94
73) Isopropylbenzene	11.02	105	283681	21.331	ug/l	99
74) N-amyl acetate	10.90	43	133637	19.391	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101400	18.730	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95688m	20.234	ug/l	
77) Bromobenzene	11.26	156	78318	20.275	ug/l	98
78) n-propylbenzene	11.36	91	318877	20.897	ug/l	99
79) 2-Chlorotoluene	11.42	91	195154	20.518	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	236742	19.301	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24084	15.325	ug/l	98
82) 4-Chlorotoluene	11.51	91	228066	20.372	ug/l	100
83) tert-Butylbenzene	11.77	119	229971	21.003	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249466	19.726	ug/l	99
85) sec-Butylbenzene	11.94	105	275808	20.680	ug/l	99
86) p-Isopropyltoluene	12.07	119	246802	20.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	137976	19.129	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141084	18.948	ug/l	98
89) n-Butylbenzene	12.39	91	207263	18.887	ug/l	100
90) Hexachloroethane	12.60	117	36054	17.921	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	139561	18.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23094	19.428	ug/l	99

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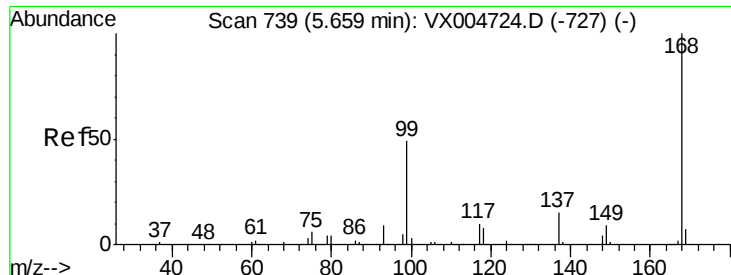
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99879	18.889	ug/l	100
94) Hexachlorobutadiene	13.78	225	47675	17.387	ug/l	99
95) Naphthalene	13.83	128	326015	19.028	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	103833	19.009	ug/l	100

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



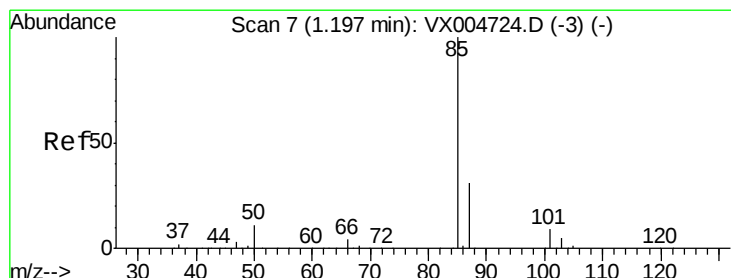
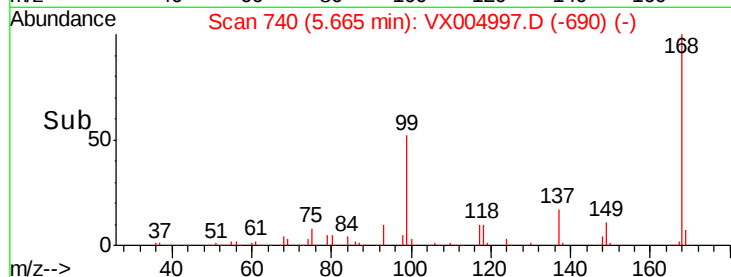
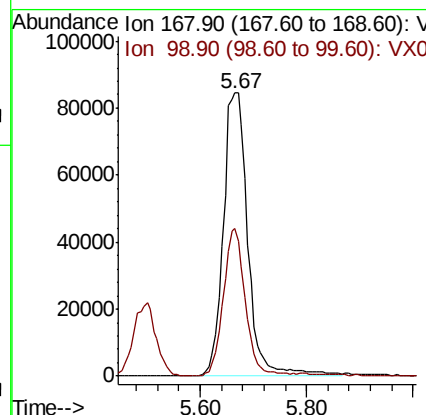
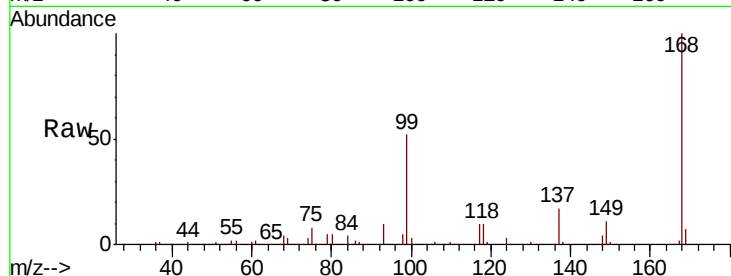
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.0	39.3	58.9

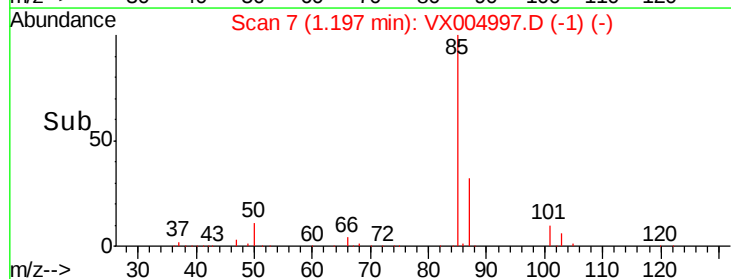
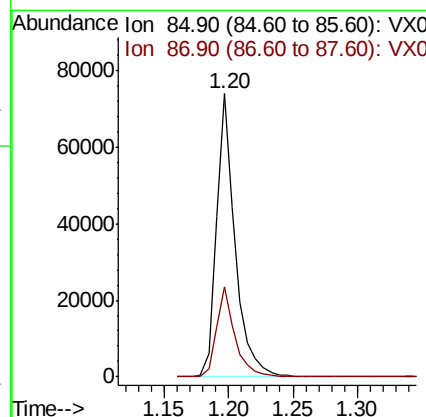
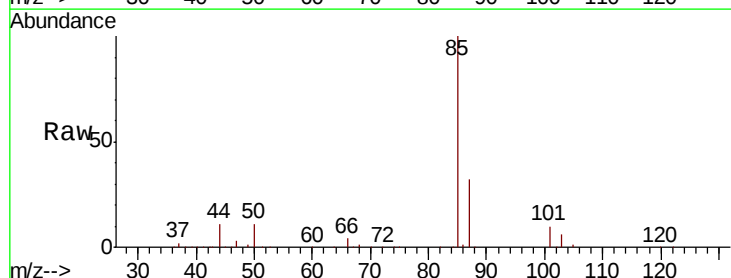
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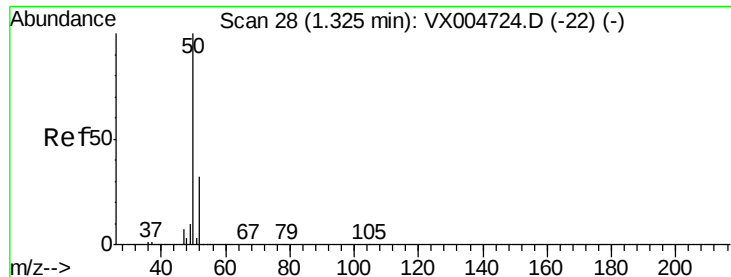
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#2
Dichlorodifluoromethane
Concen: 20.144 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.7	47.1





#3

Chloromethane

Concen: 17.875 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

Tot Ion: 50 Resp: 80739

Ion Ratio Lower Upper

50 100

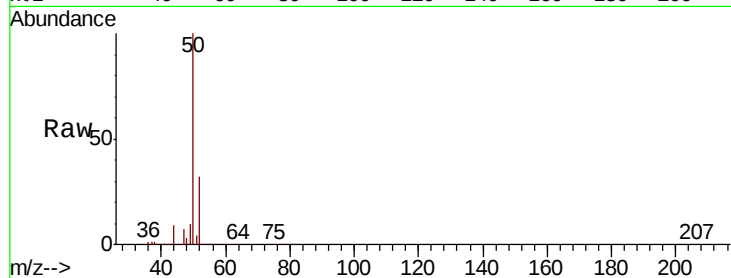
52 31.6 25.8 38.6

Manual Integrations

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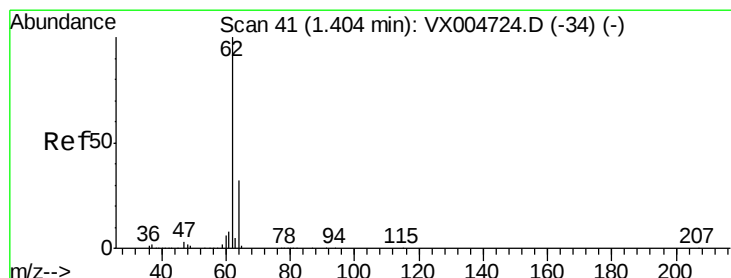
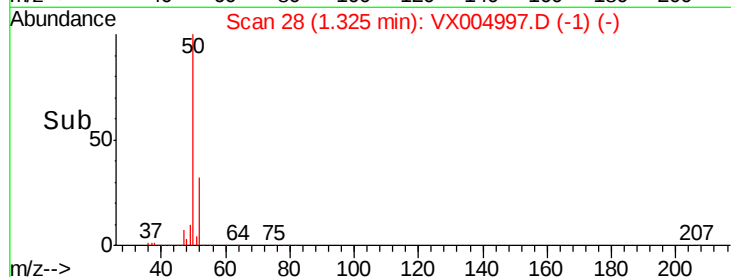
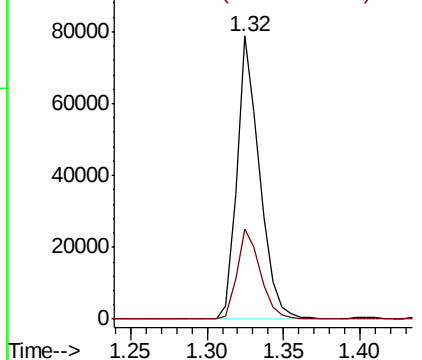
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.190 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004997.D

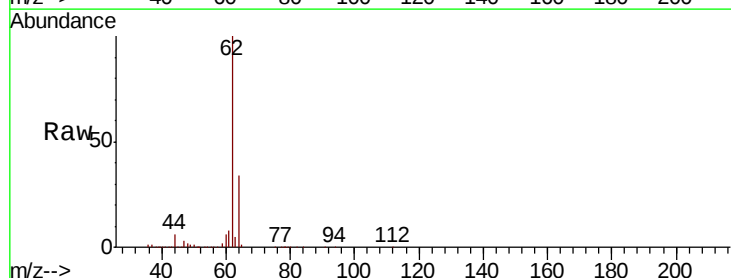
Acq: 04 Oct 2018 04:41

Tgt Ion: 62 Resp: 81299

Ion Ratio Lower Upper

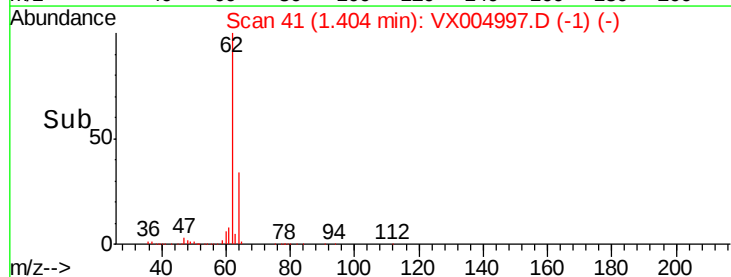
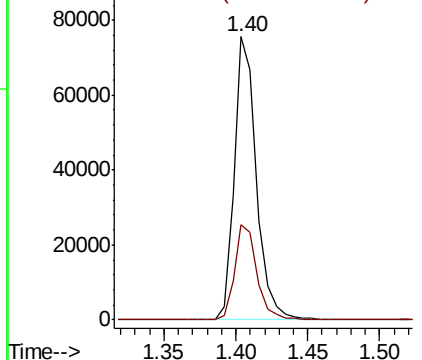
62 100

64 33.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.966 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

Tot Ion: 94 Resp: 45134

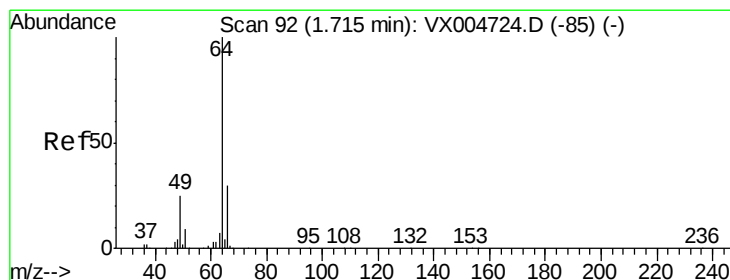
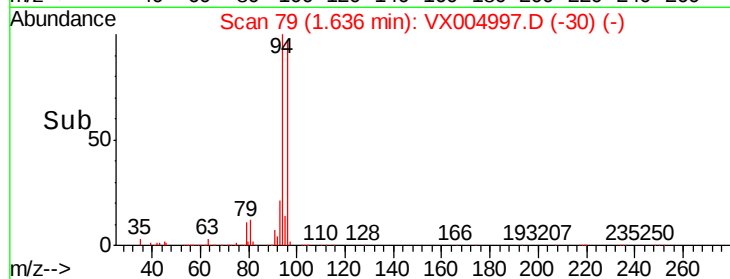
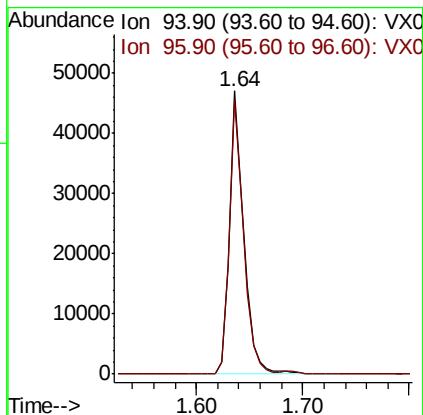
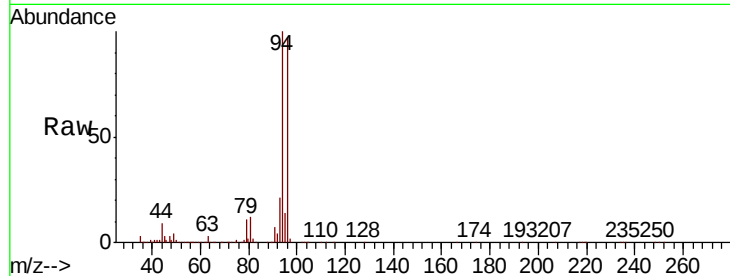
Ion Ratio Lower Upper

94 100

96 96.6 79.5 119.3

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#6

Chloroethane

Concen: 19.289 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004997.D

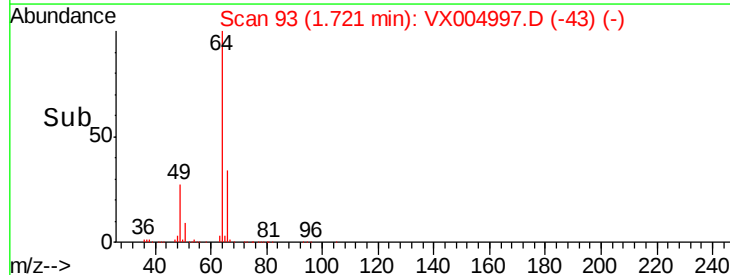
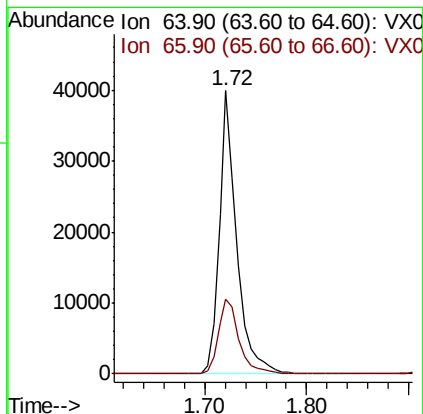
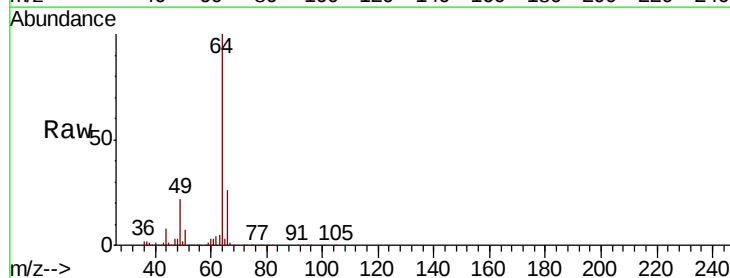
Acq: 04 Oct 2018 04:41

Tgt Ion: 64 Resp: 47835

Ion Ratio Lower Upper

64 100

66 26.2 23.8 35.6





#7

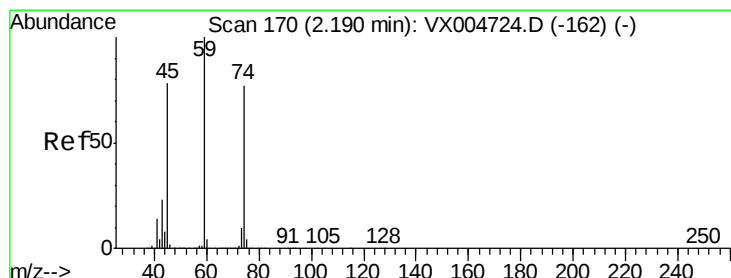
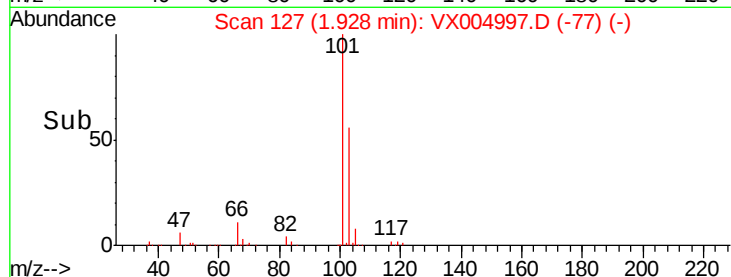
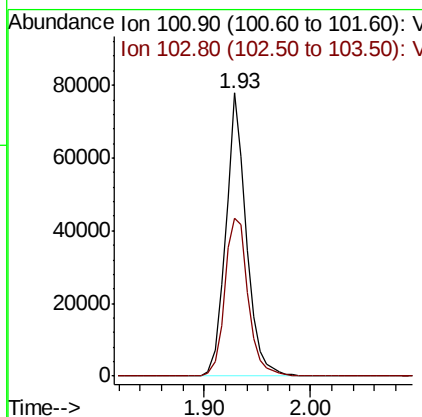
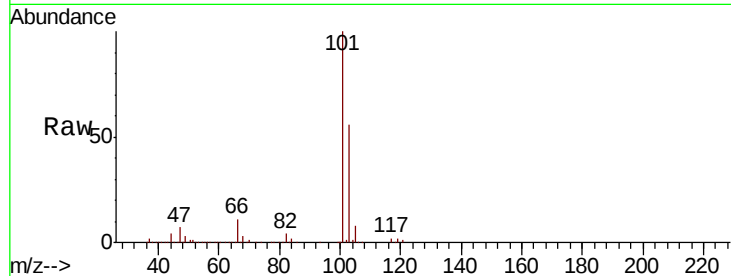
Trichlorofluoromethane
Concen: 19.997 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	55.9	48.4	72.6

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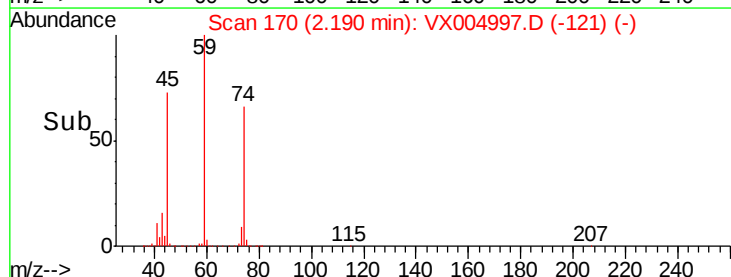
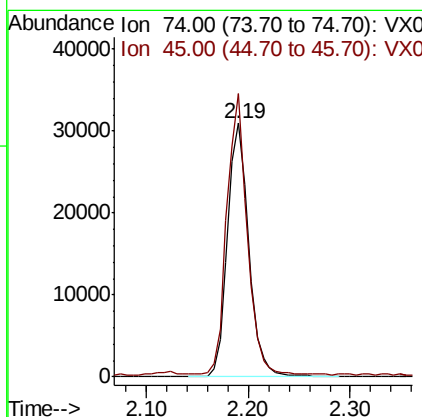
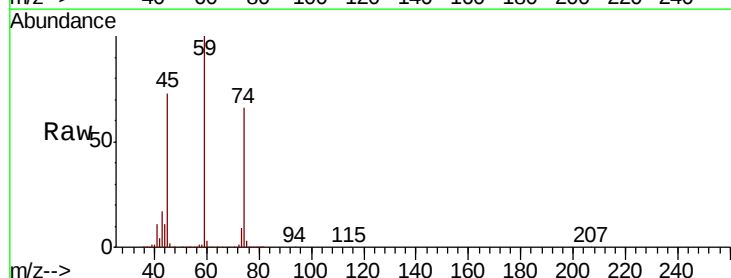
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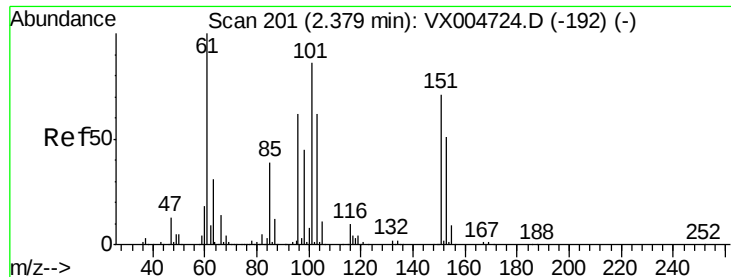


#8

Diethyl Ether
Concen: 19.620 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.898 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

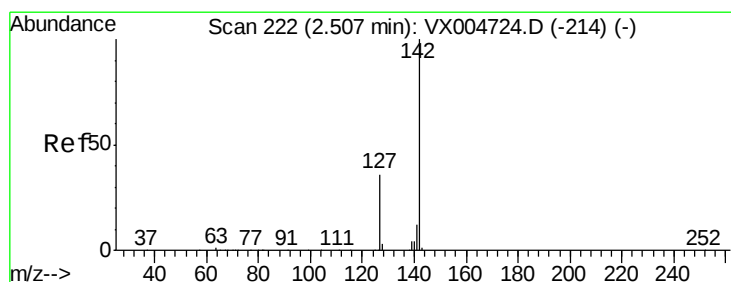
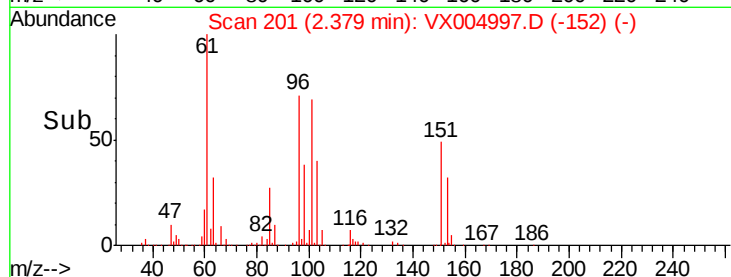
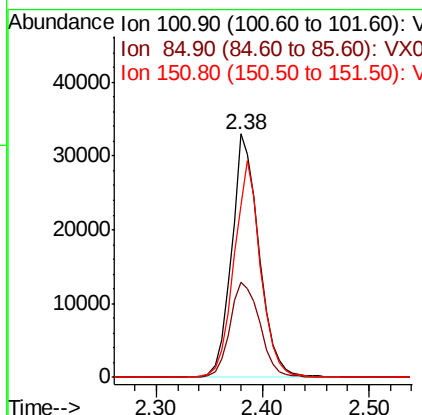
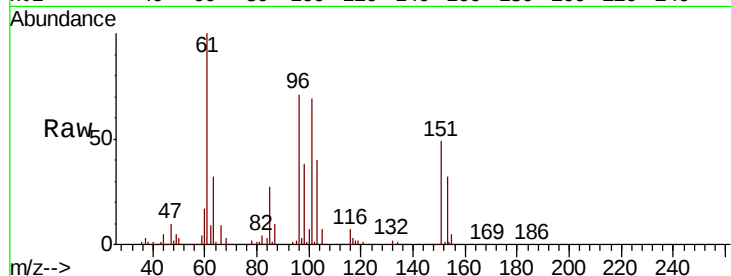
ClientSampleId :

VX1004WBS02

Tot Ion:	101	Resp:	59445
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.9	53.9
151	86.7	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 13.747 ug/l

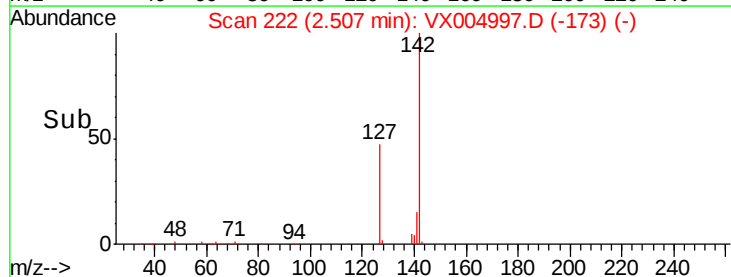
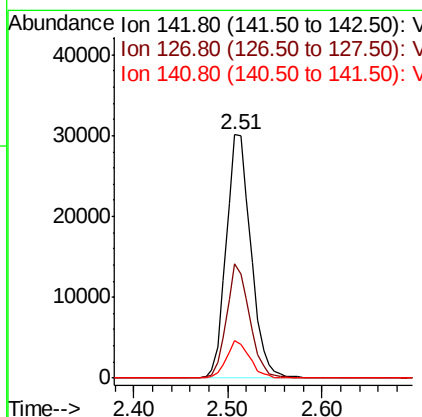
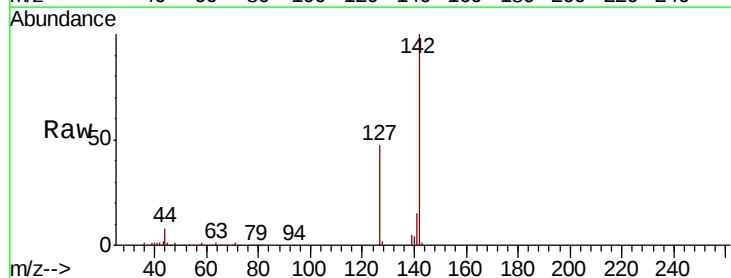
RT: 2.51 min Scan# 222

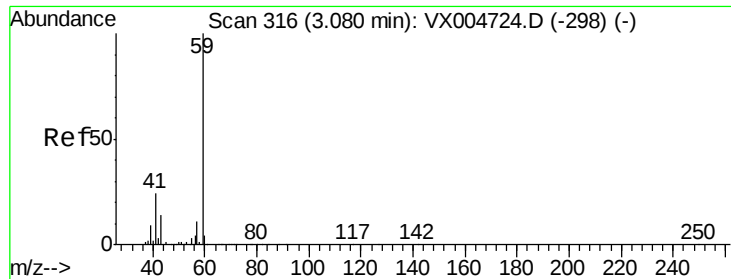
Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion:	142	Resp:	54957
Ion Ratio	Lower	Upper	
142	100		
127	43.9	30.1	45.1
141	14.5	10.1	15.1





#11

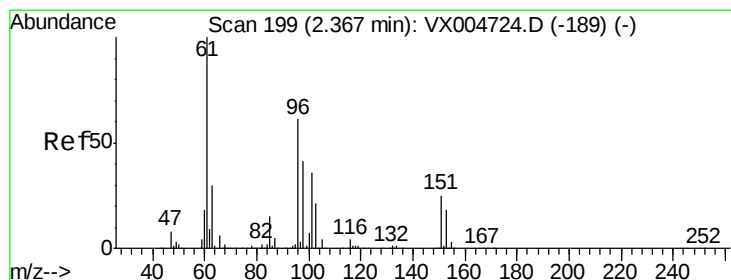
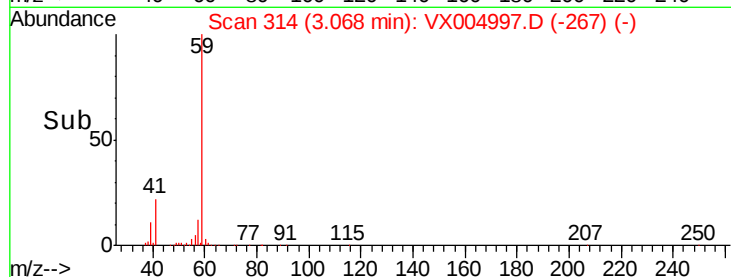
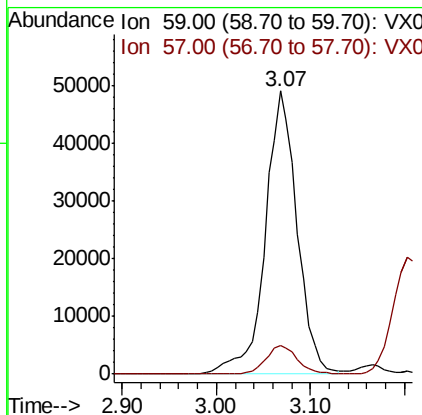
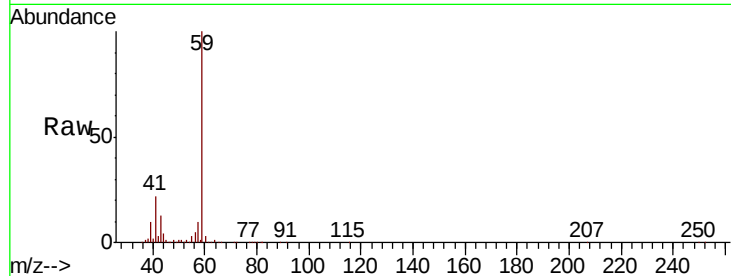
Tert butyl alcohol
Concen: 106.143 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.6	12.8

Manual Integrations
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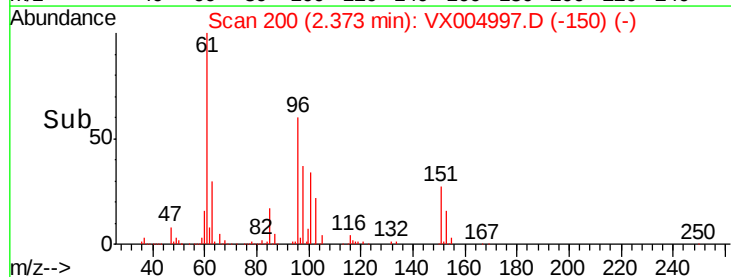
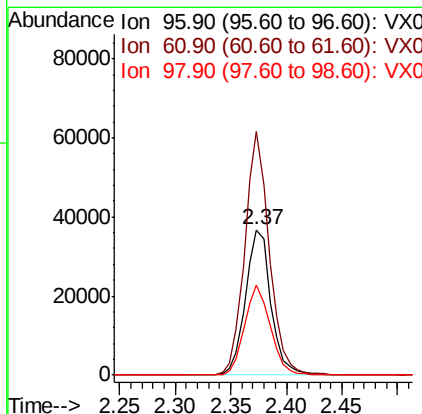
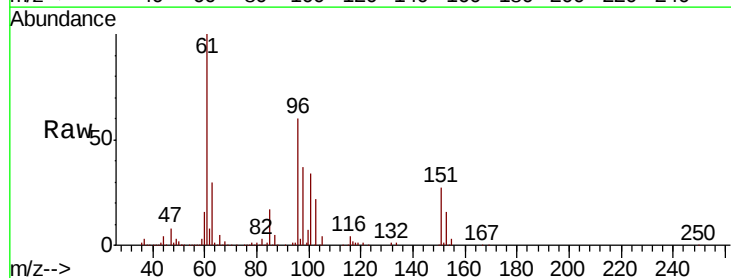
MMDadoda
10/5/2018 3:24:48 PM

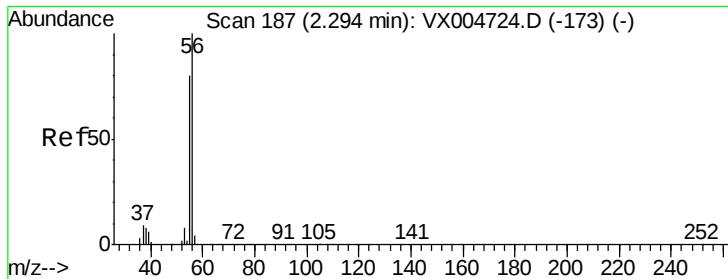


#12

1,1-Dichloroethene
Concen: 19.700 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.3	130.2	195.4
98	61.7	53.4	80.0





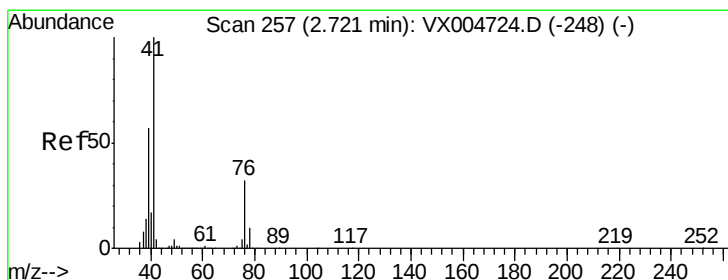
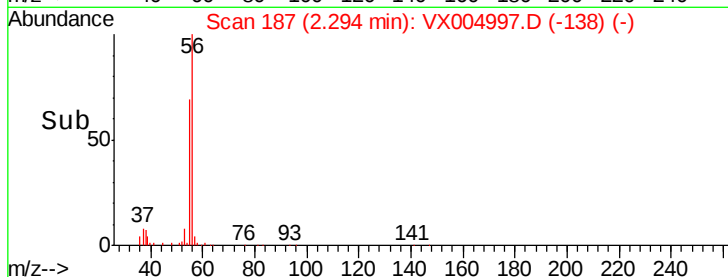
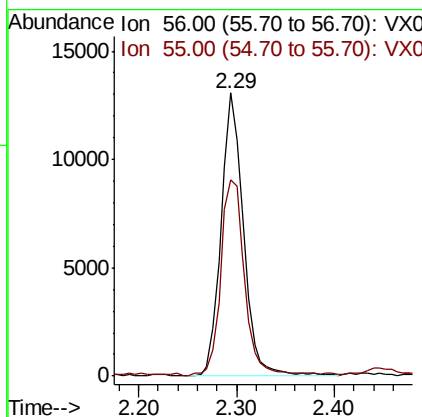
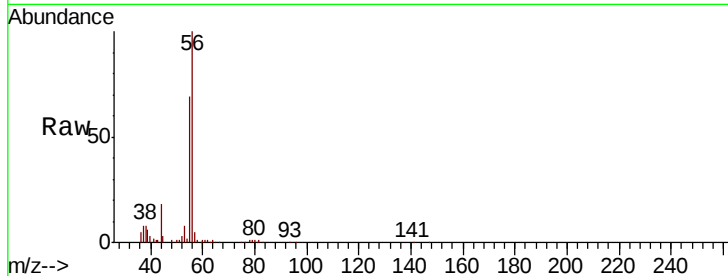
#13
Acrolein
Concen: 26.986 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.9	63.4	95.2

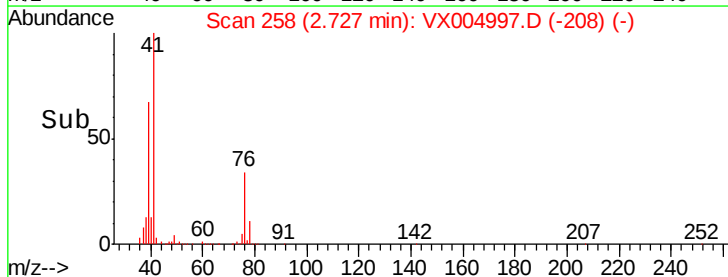
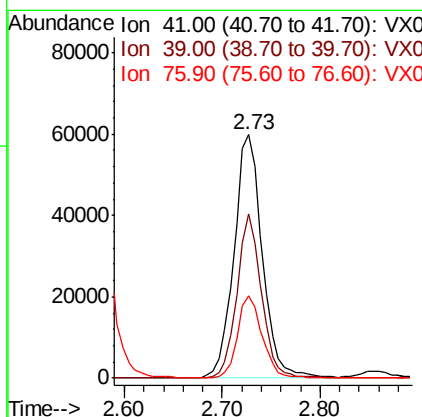
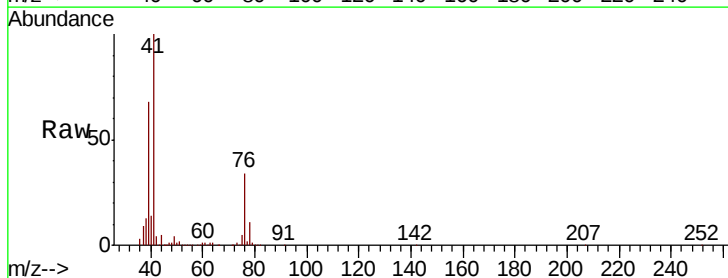
Manual Integrations
APPROVED

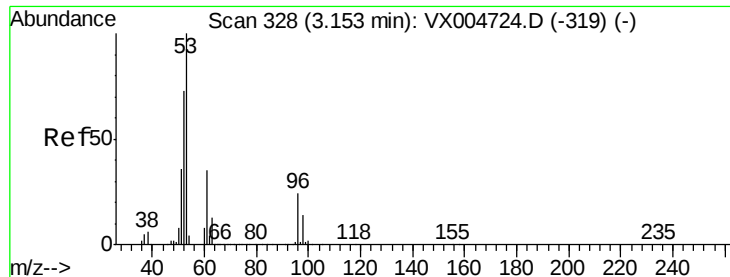
MMDadoda
10/5/2018 3:24:48 PM



#14
Allyl chloride
Concen: 18.513 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.3	44.1	66.1
76	29.7	25.0	37.4





#15

Acrylonitrile

Concen: 98.979 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

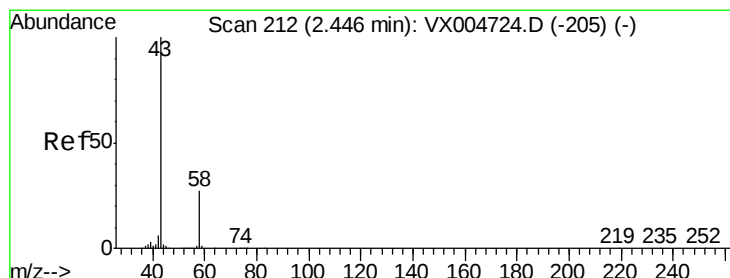
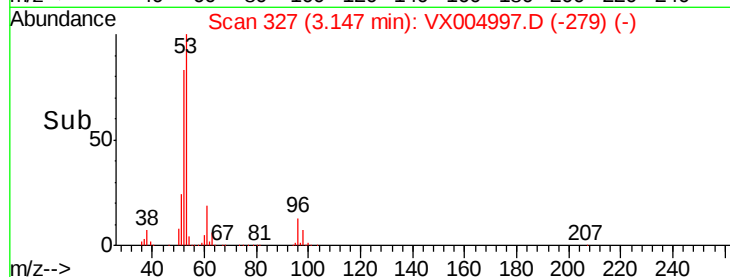
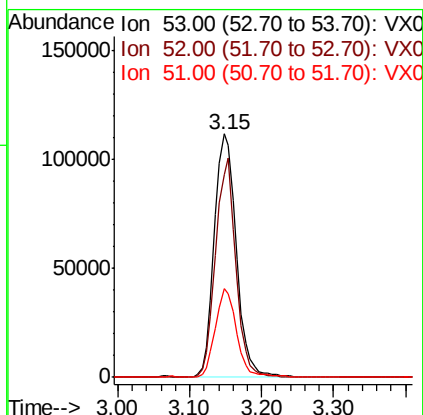
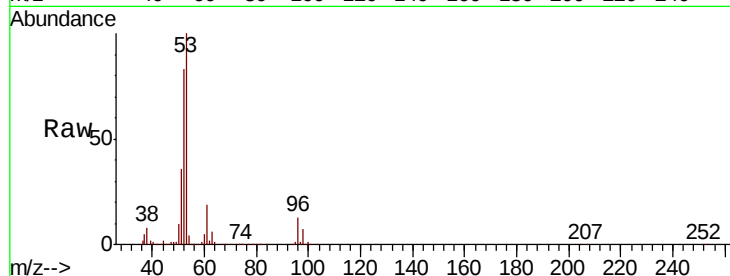
ClientSampleId :

VX1004WBS02

Tot Ion:	53	Resp:	237642
Ion Ratio	Lower	Upper	
53	100		
52	82.6	63.0	94.4
51	35.1	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 92.194 ug/l

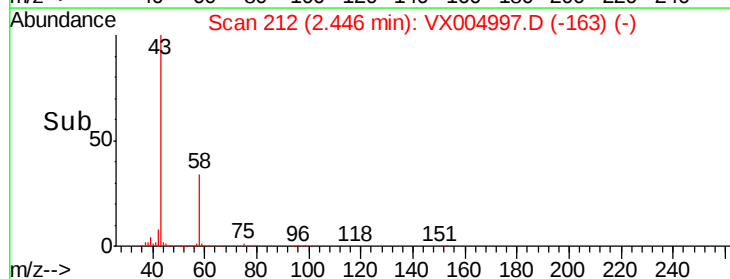
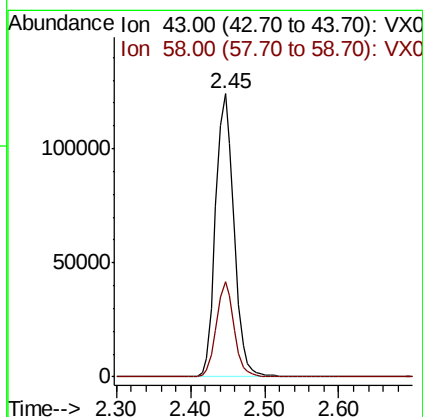
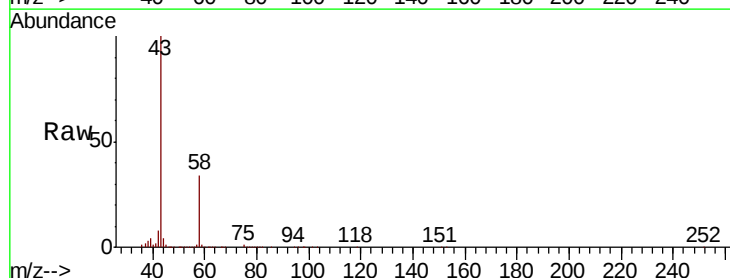
RT: 2.45 min Scan# 212

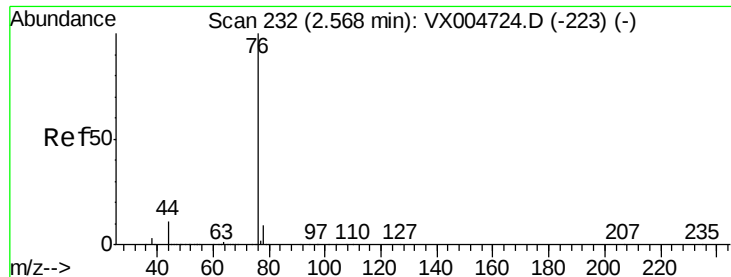
Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion:	43	Resp:	209949
Ion Ratio	Lower	Upper	
43	100		
58	33.5	21.8	32.6#





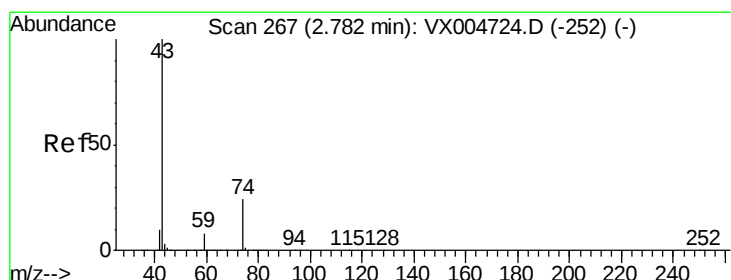
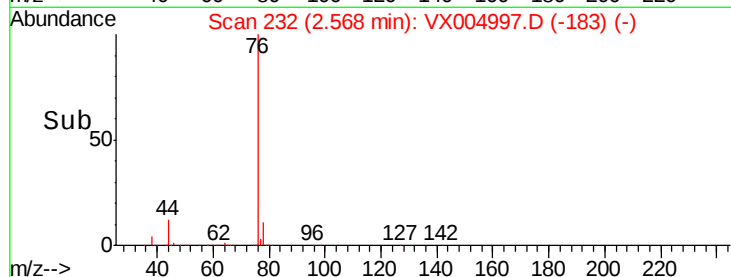
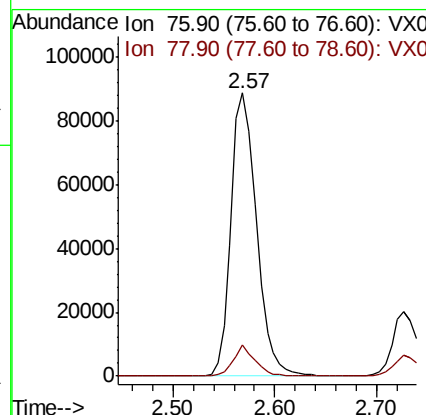
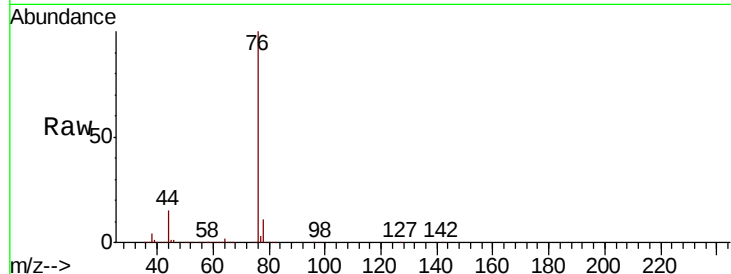
#17
Carbon Disulfide
Concen: 17.334 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.0	10.6#

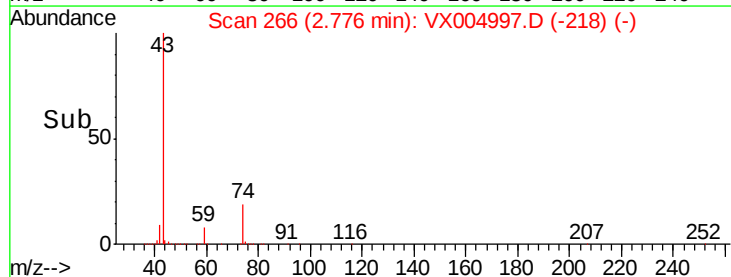
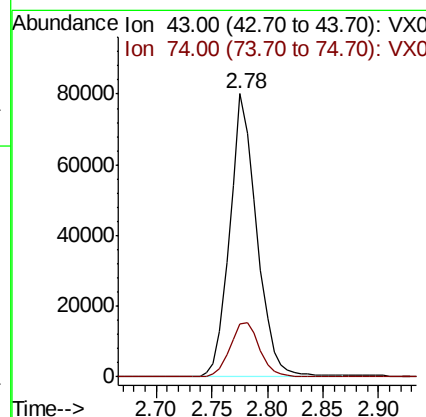
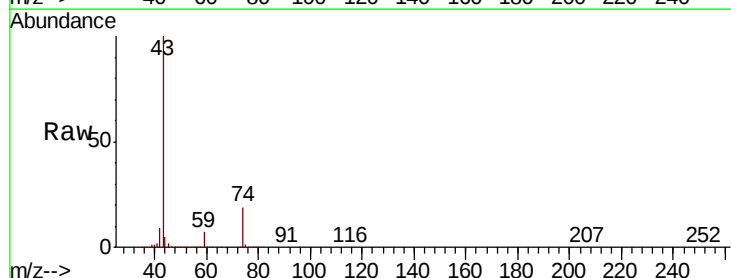
Manual Integrations
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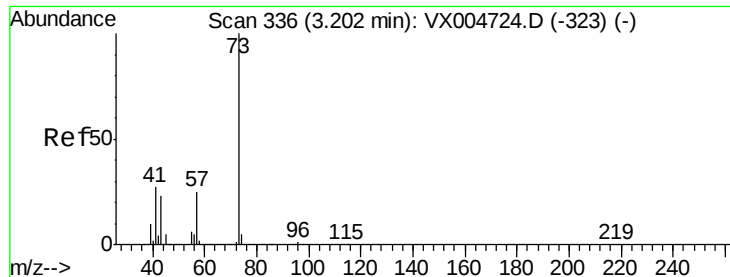
MMDadoda
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#18
Methyl Acetate
Concen: 23.048 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.8	26.8





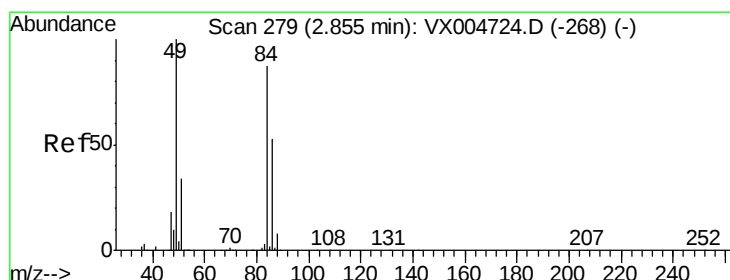
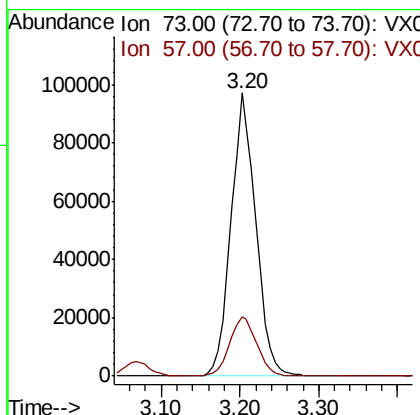
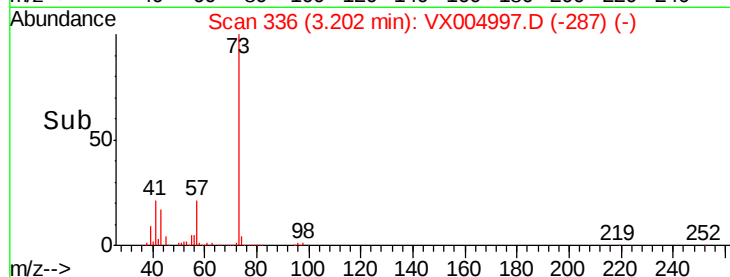
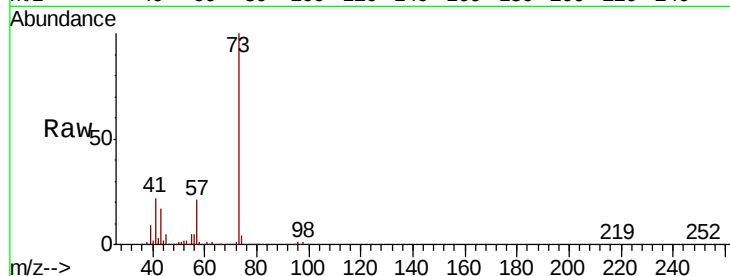
#19
Methyl tert-butyl Ether
Concen: 20.814 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	19.9	29.9

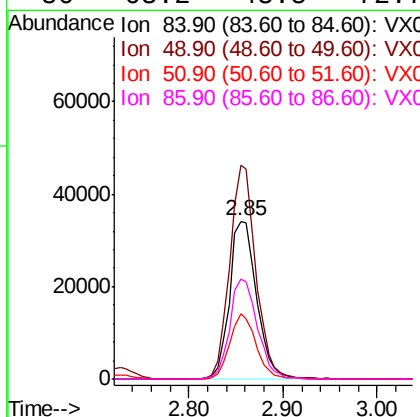
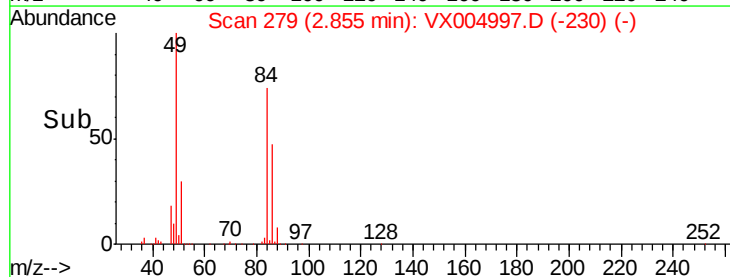
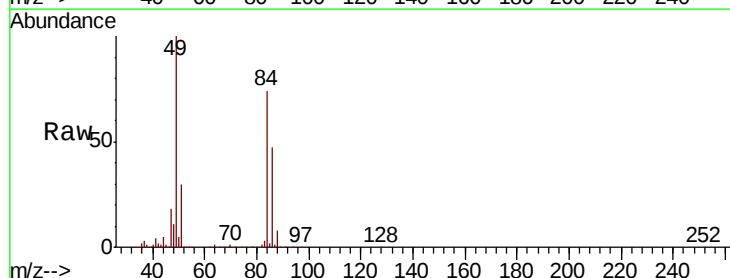
Manual Integrations
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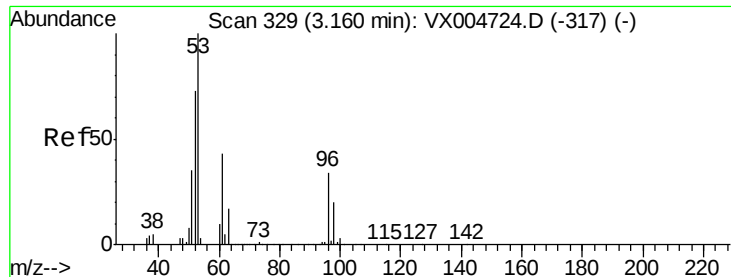
MMDadoda
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#20
Methylene Chloride
Concen: 20.121 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.2	92.3	138.5
51	40.7	31.8	47.6
86	63.2	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 18.577 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

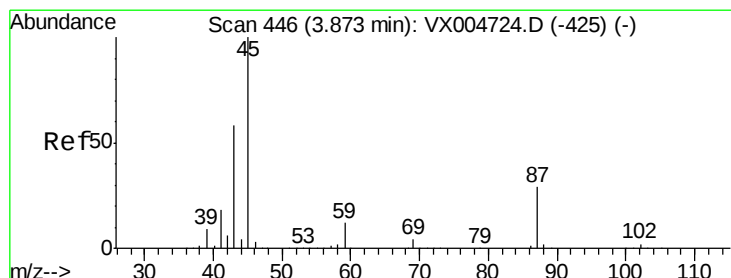
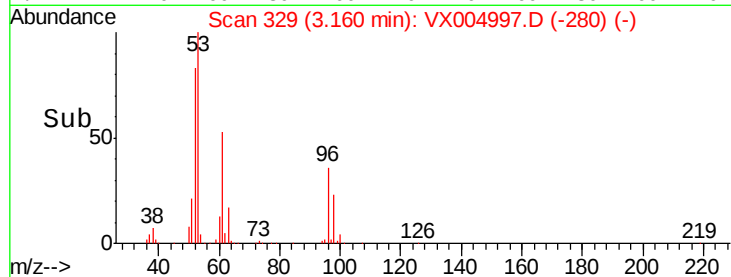
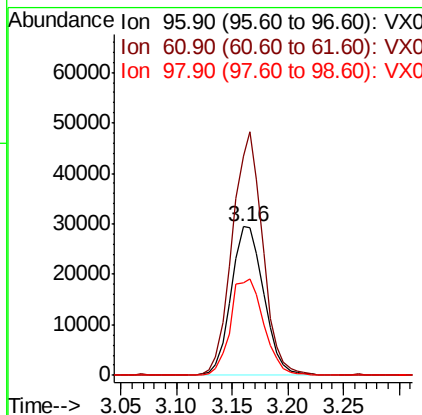
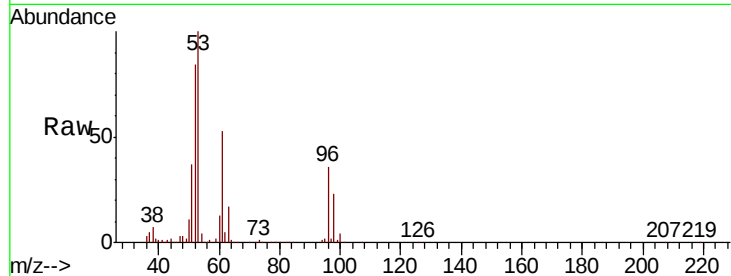
ClientSampleId :

VX1004WBS02

Tot Ion:	96	Resp:	60167
Ion	Ratio	Lower	Upper
96	100		
61	147.3	101.0	151.6
98	62.6	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.310 ug/l

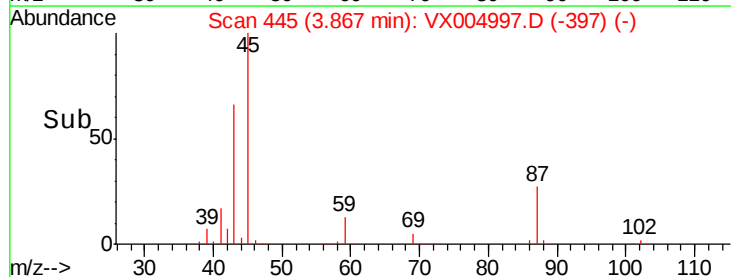
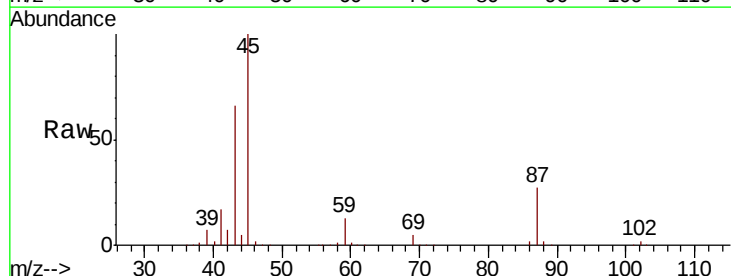
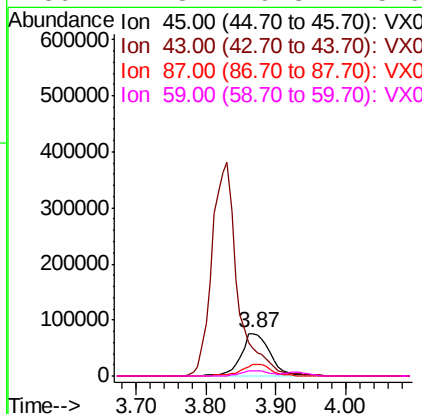
RT: 3.87 min Scan# 445

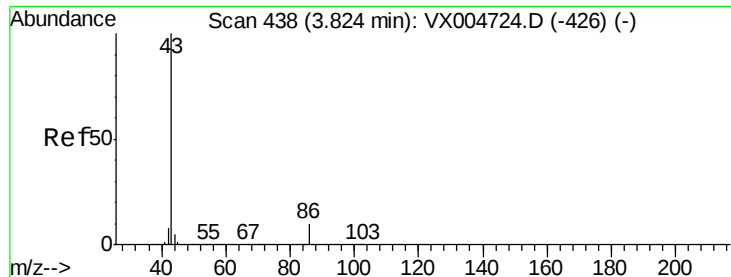
Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion:	45	Resp:	220783
Ion	Ratio	Lower	Upper
45	100		
43	65.6	46.7	70.1
87	26.8	22.9	34.3
59	12.8	9.3	13.9





#23

Vinyl Acetate

Concen: 98.520 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

Tot Ion: 43 Resp: 980318

Ion Ratio Lower Upper

43 100

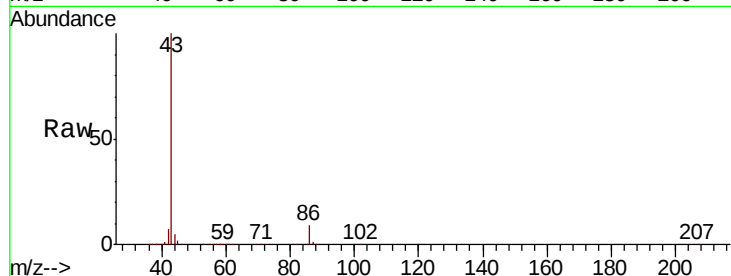
86 8.9 8.1 12.1

Manual Integrations

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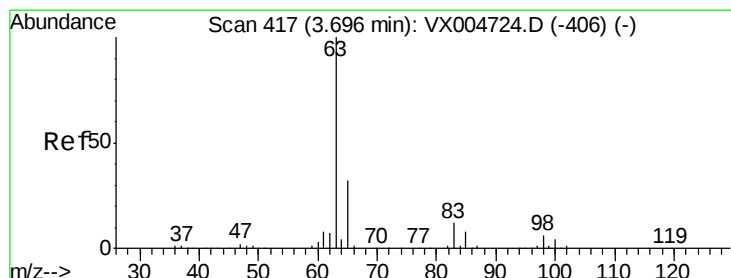
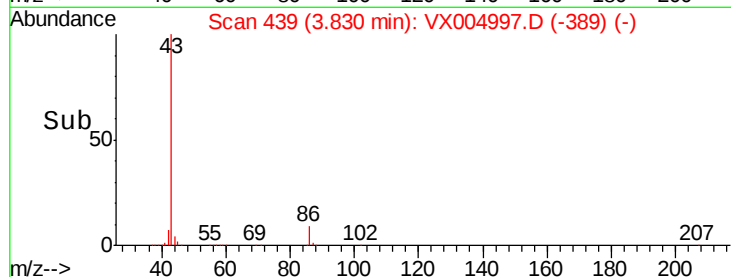
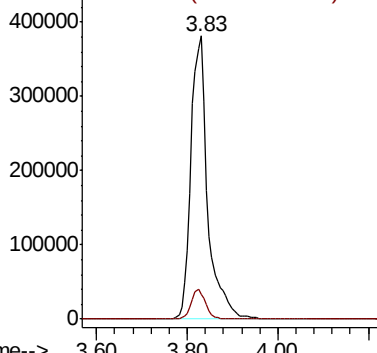
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.094 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

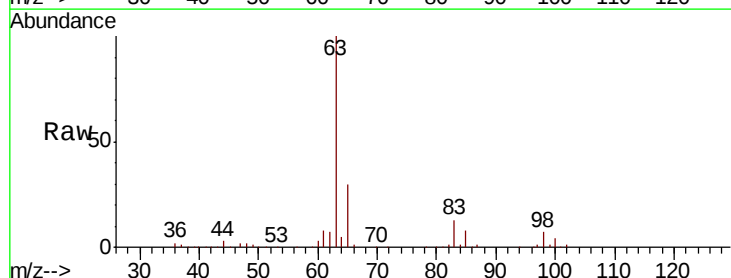
Tgt Ion: 63 Resp: 123811

Ion Ratio Lower Upper

63 100

98 6.9 3.0 9.2

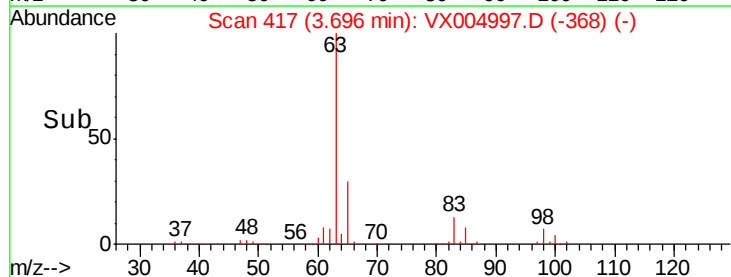
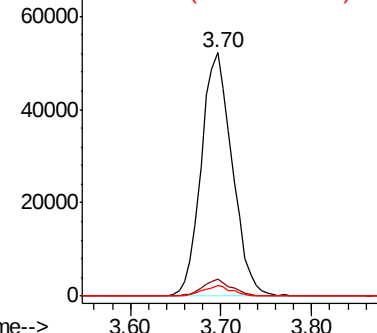
100 4.3 2.0 5.8

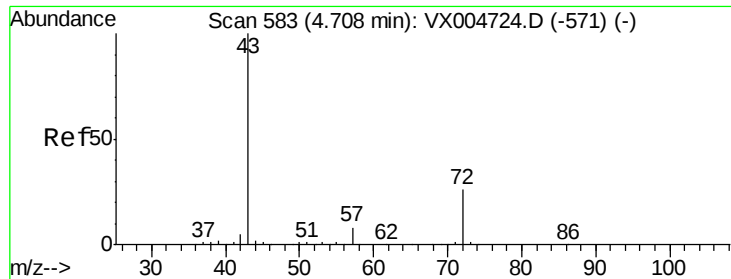


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.886 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS02

Tot Ion: 43 Resp: 338646

Ion Ratio Lower Upper

43 100

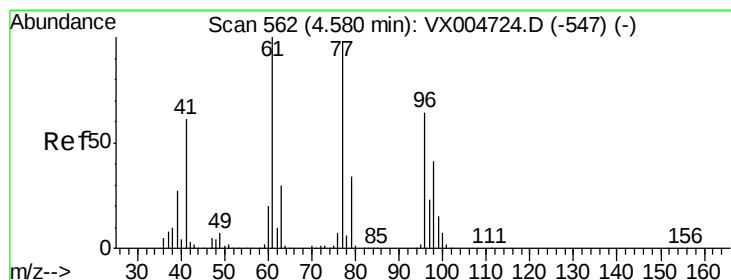
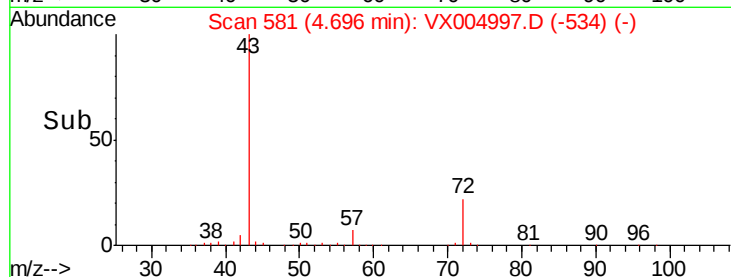
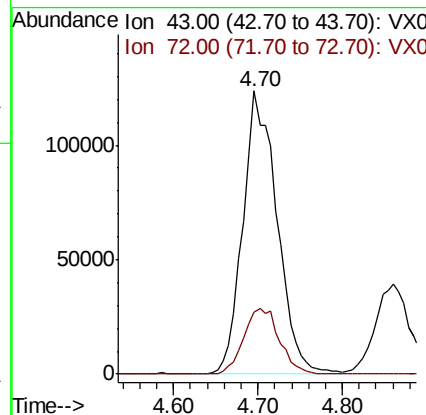
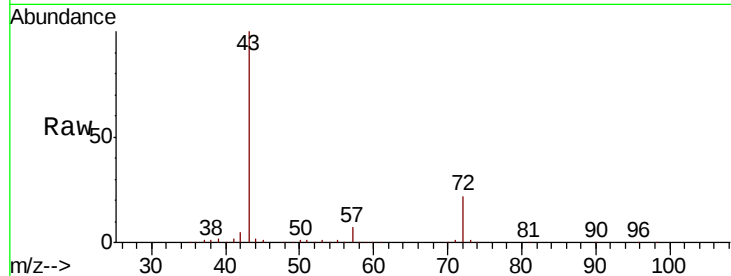
72 21.8 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 12.675 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004997.D

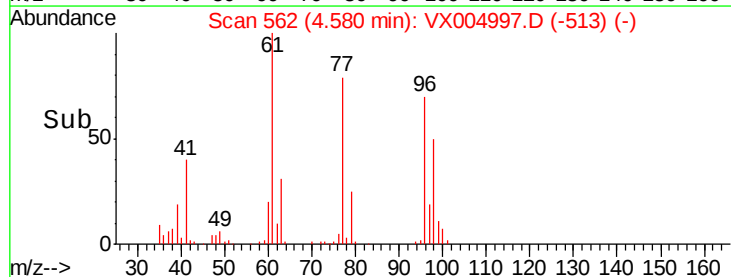
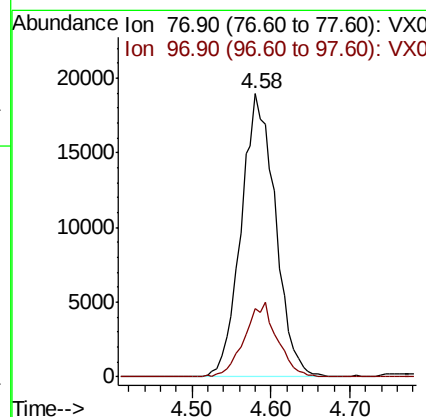
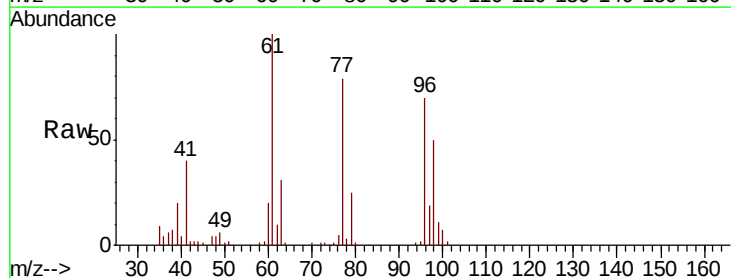
Acq: 04 Oct 2018 04:41

Tgt Ion: 77 Resp: 57235

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.8





#27

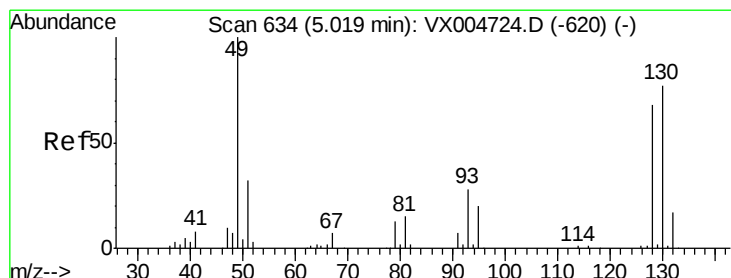
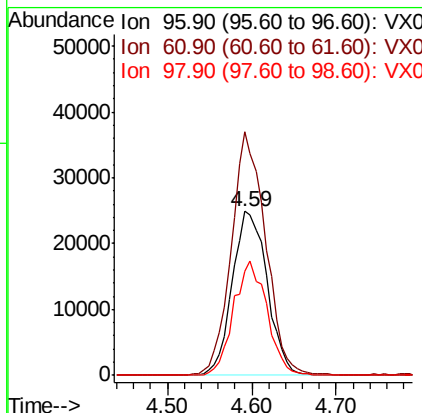
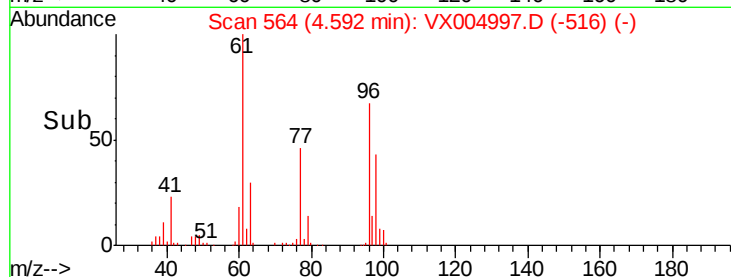
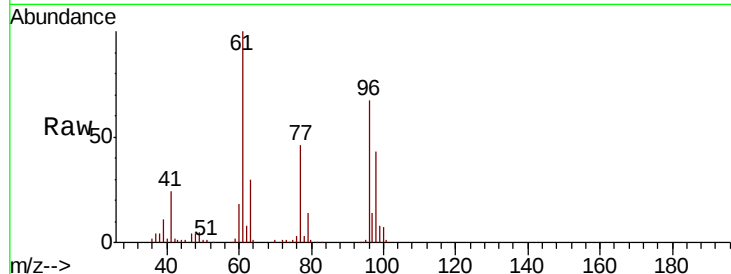
cis-1,2-Dichloroethene
Concen: 19.383 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.3	0.0	285.8	
98	66.4	0.0	136.2	

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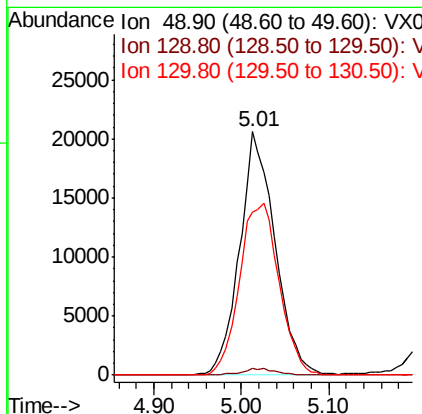
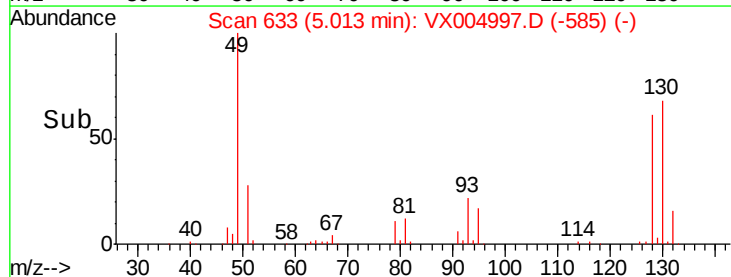
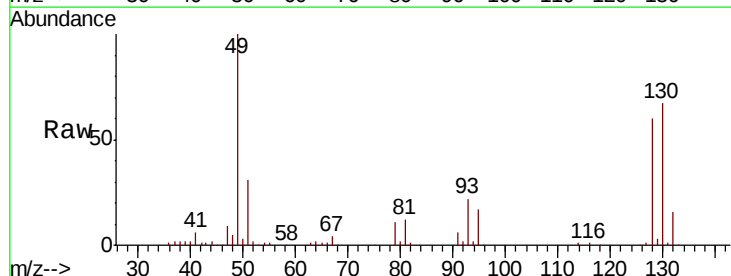
MMDadoda
10/5/2018 3:24:48 PM

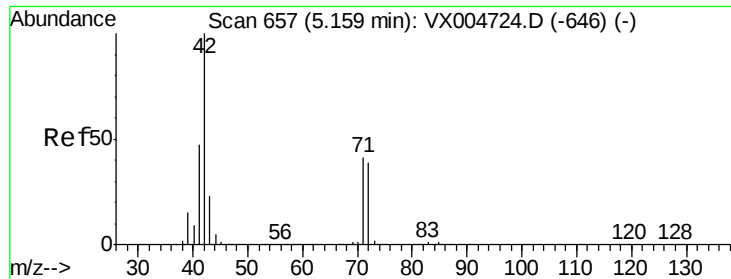


#28

Bromochloromethane
Concen: 19.008 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	78.7	62.0	93.0	





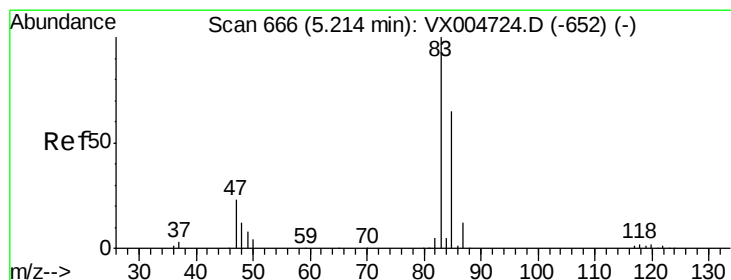
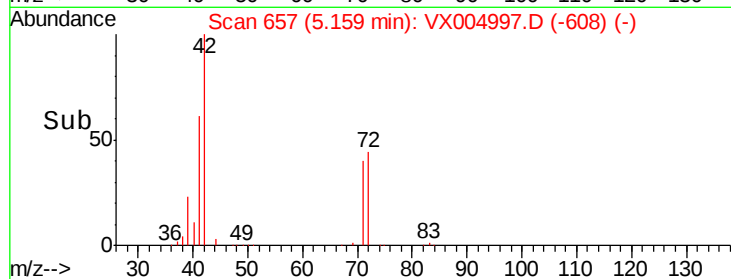
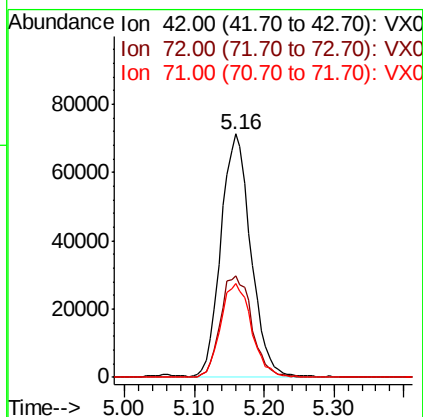
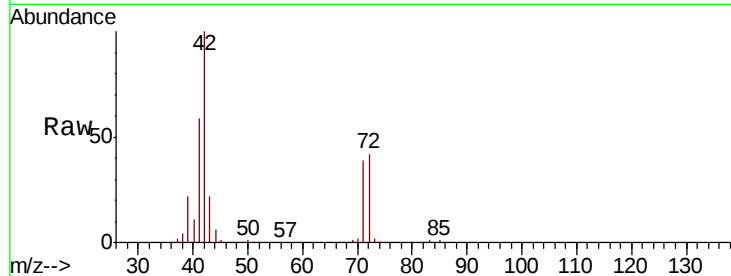
#29
Tetrahydrofuran
Concen: 101.051 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	33.7	50.5
71	39.8	32.2	48.4

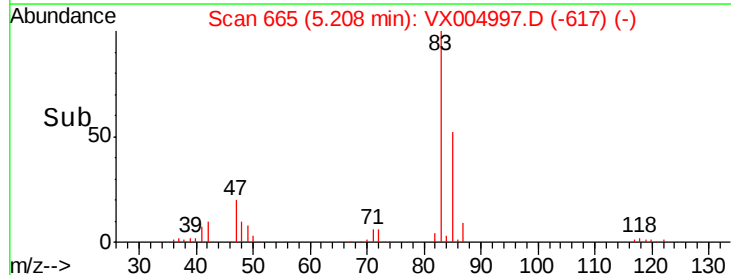
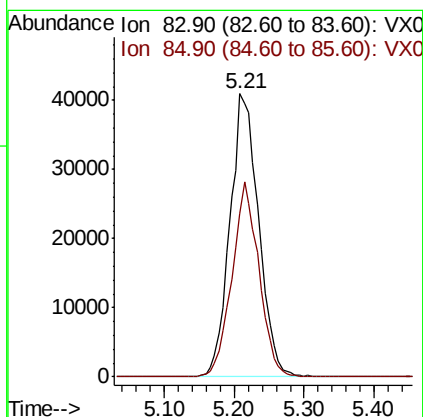
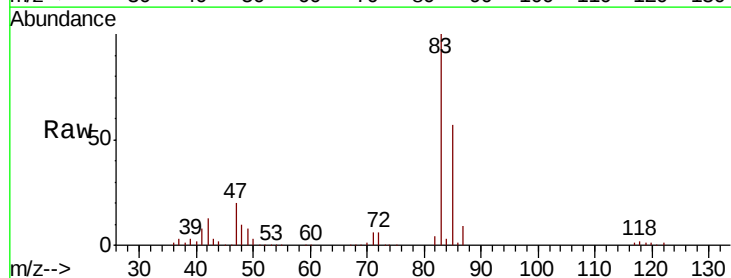
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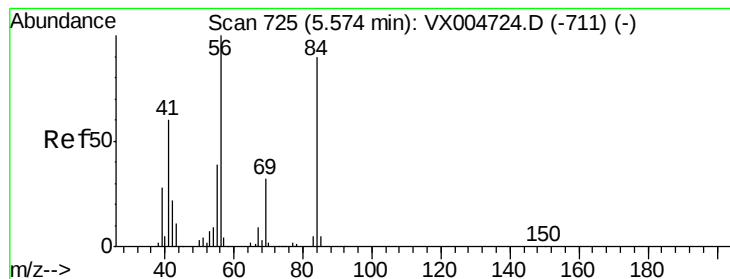
MMDadoda
10/5/2018 3:24:48 PM



#30
Chloroform
Concen: 19.033 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.5	52.4	78.6





#31

Cyclohexane

Concen: 20.237 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

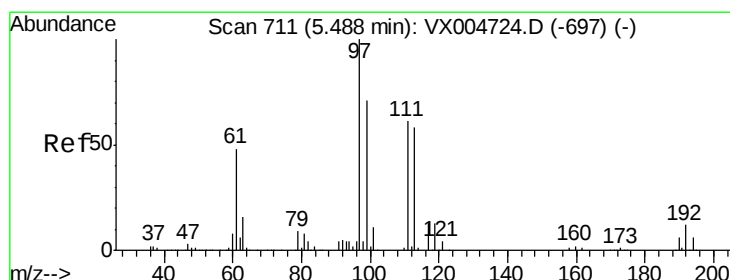
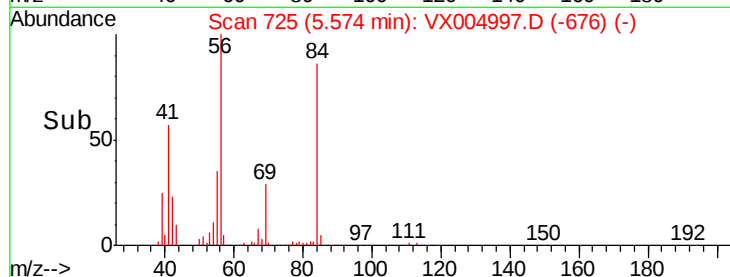
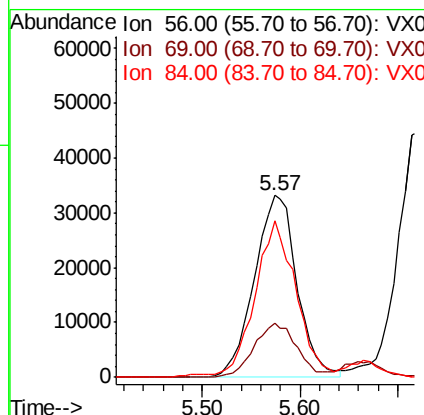
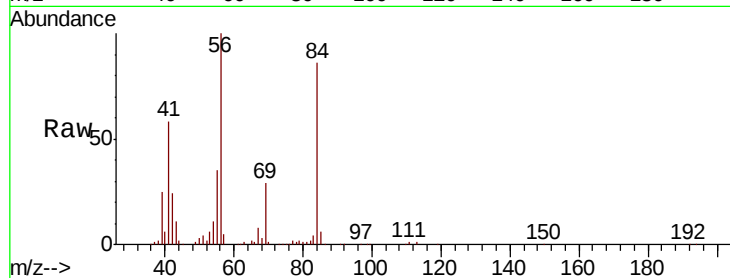
ClientSampleId :

VX1004WBS02

Tot Ion:	56	Resp:	100437
Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.9	38.9
84	84.6	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 19.687 ug/l

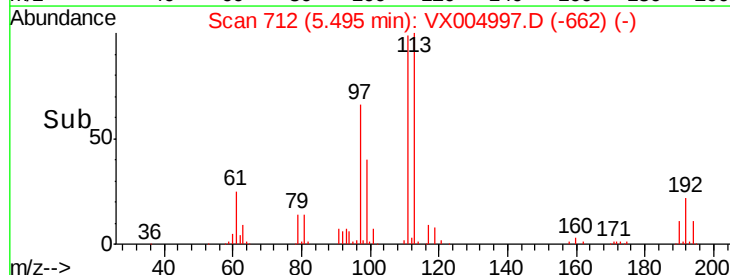
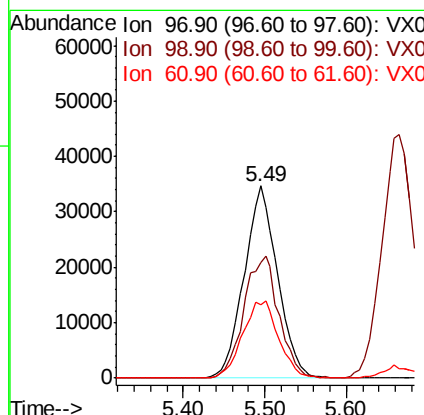
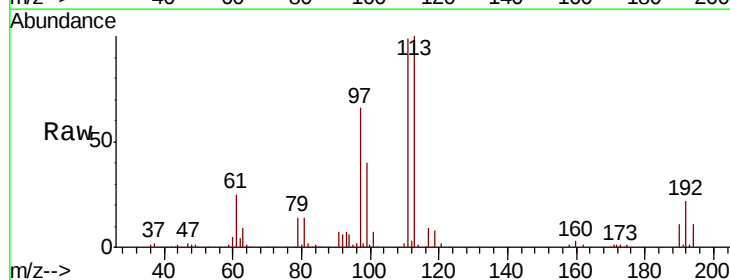
RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion:	97	Resp:	98531
Ion	Ratio	Lower	Upper
97	100		
99	66.6	54.6	82.0
61	43.7	37.5	56.3





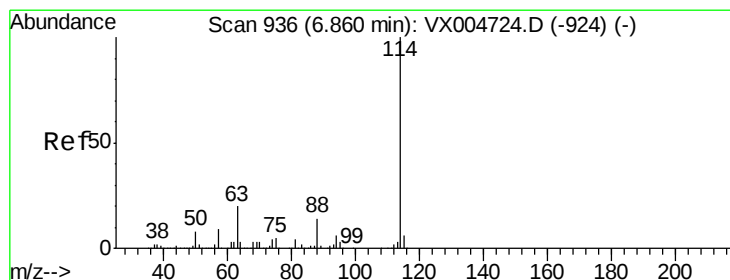
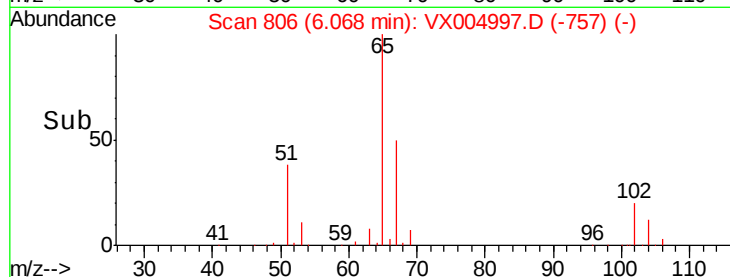
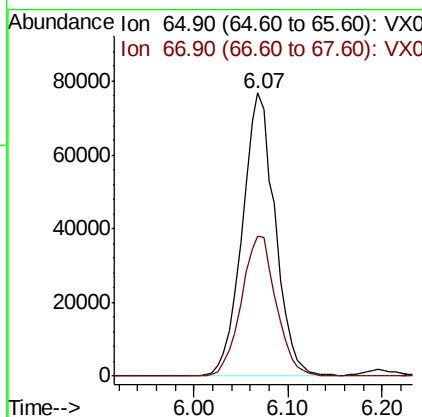
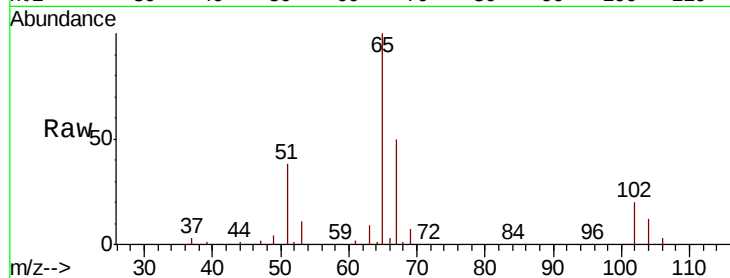
#33
 1,2-Dichloroethane-d4
 Concen: 48.008 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	187261		
67	52.6	0.0	107.4	

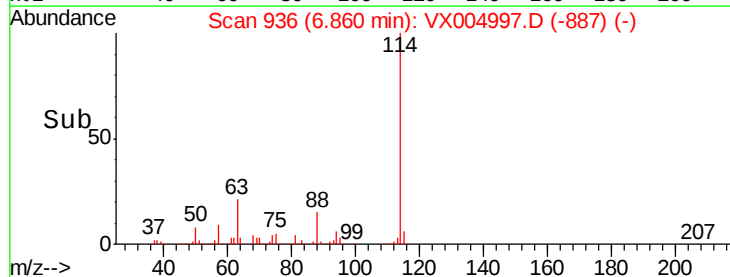
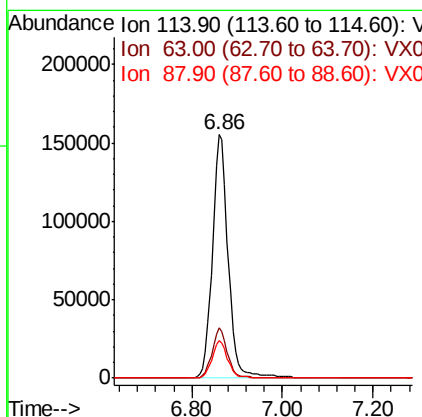
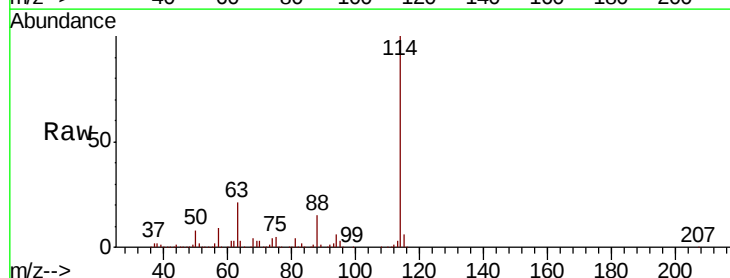
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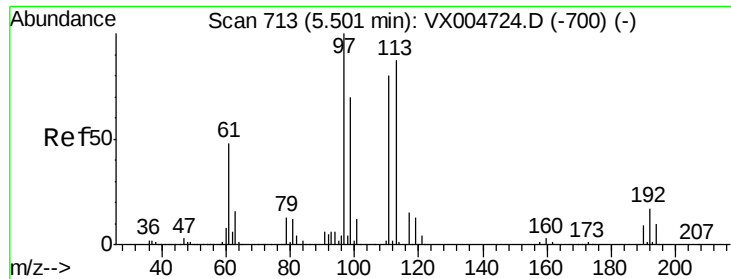
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	380166		
63	20.7	0.0	39.8	
88	15.4	0.0	27.0	





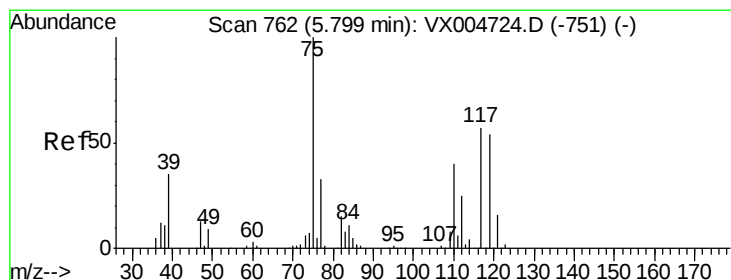
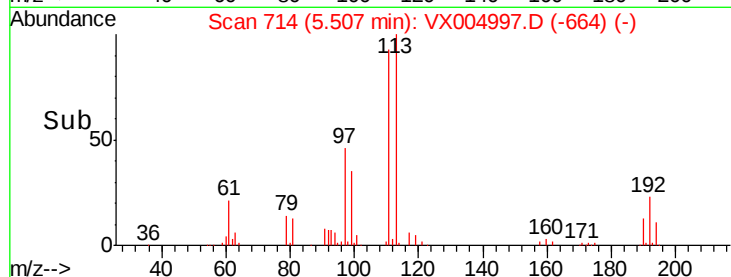
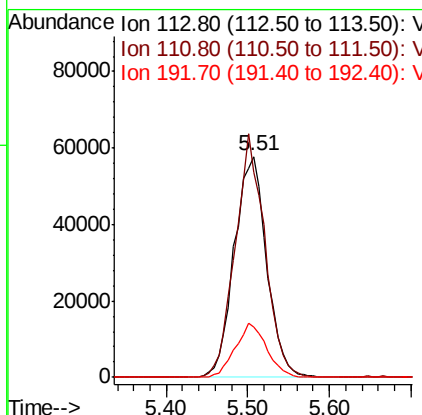
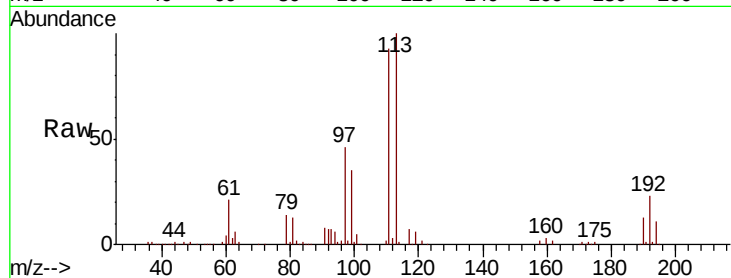
#35
 Dibromofluoromethane
 Concen: 49.206 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	77.0	115.4
192	23.8	17.0	25.6

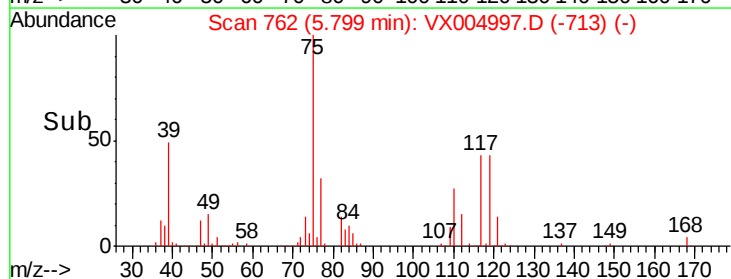
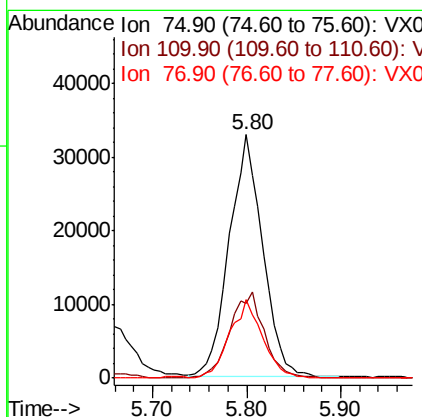
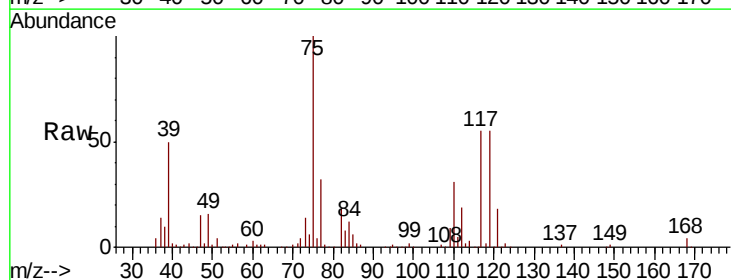
Manual Integrations
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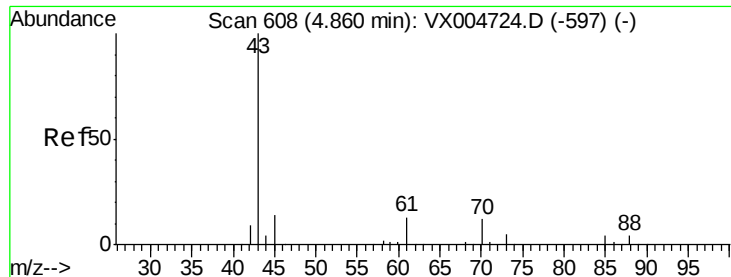
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#36
 1,1-Dichloropropene
 Concen: 18.567 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	20.0	59.9
77	31.5	27.1	40.7





#37

Ethyl Acetate

Concen: 19.220 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

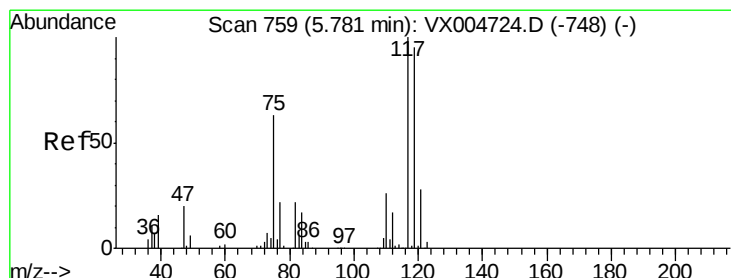
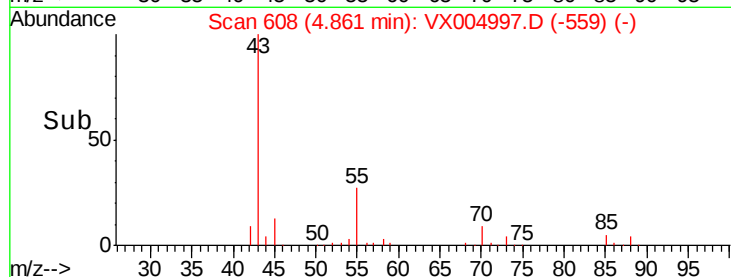
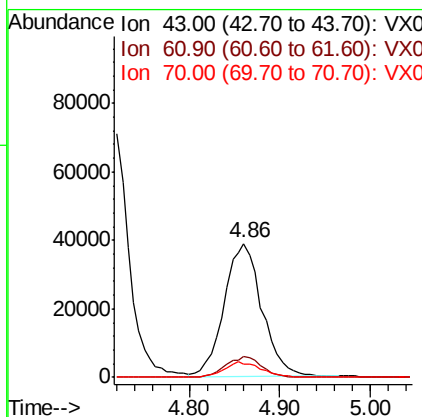
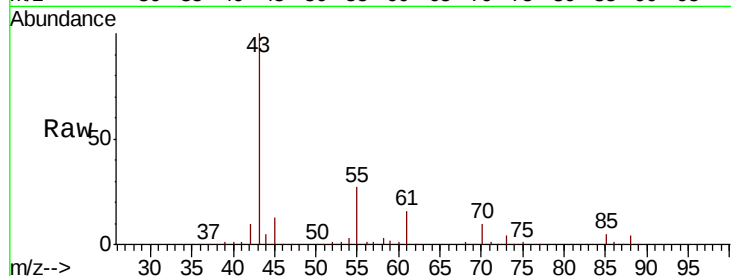
ClientSampleId :

VX1004WBS02

Tot Ion:	43	Resp:	112150
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.4	15.6
70	11.3	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 17.574 ug/l

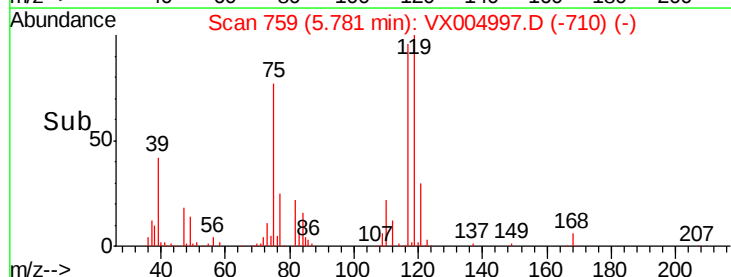
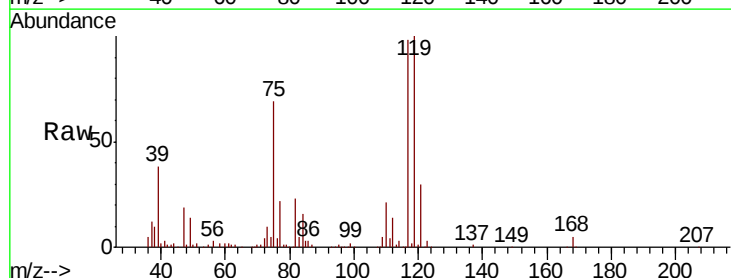
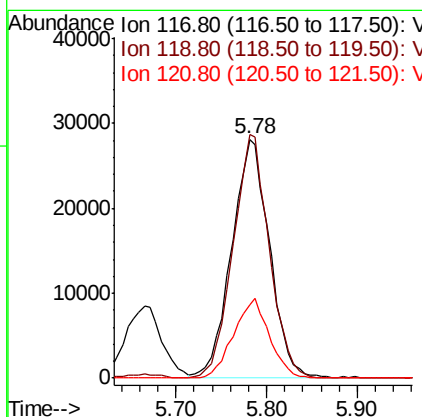
RT: 5.78 min Scan# 759

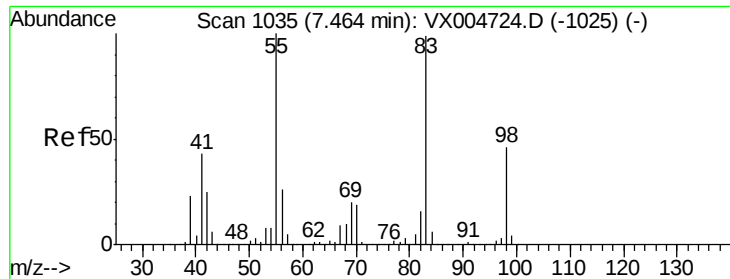
Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion:	117	Resp:	81207
Ion	Ratio	Lower	Upper
117	100		
119	101.9	75.2	112.8
121	30.8	22.5	33.7





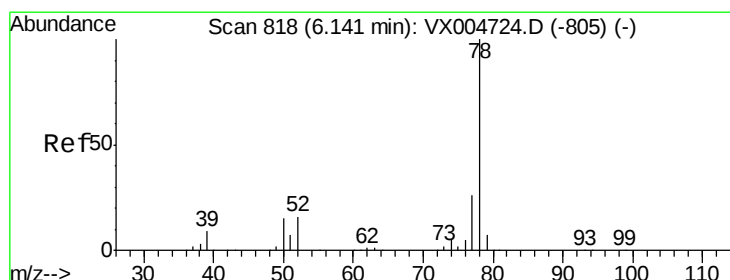
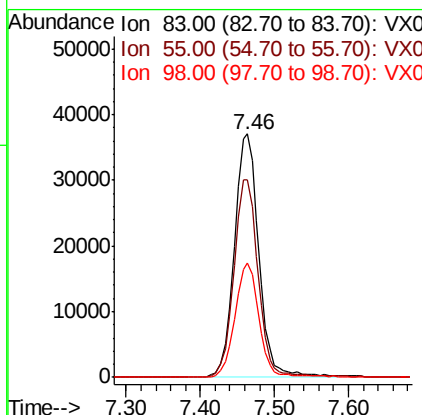
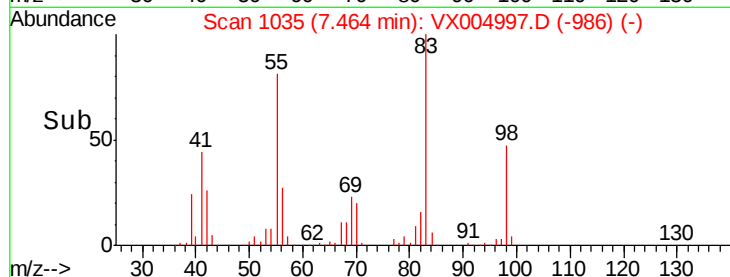
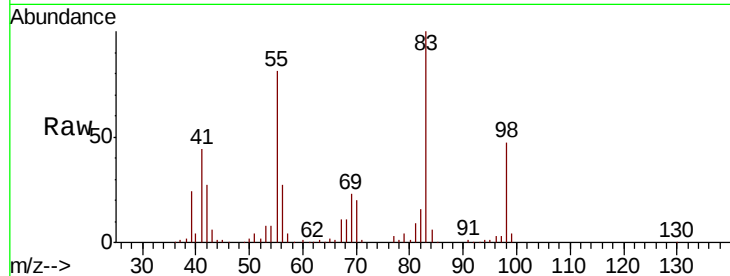
#39
Methvlcvclohexane
Concen: 19.016 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	81.1	121.7
98	47.2	37.3	55.9

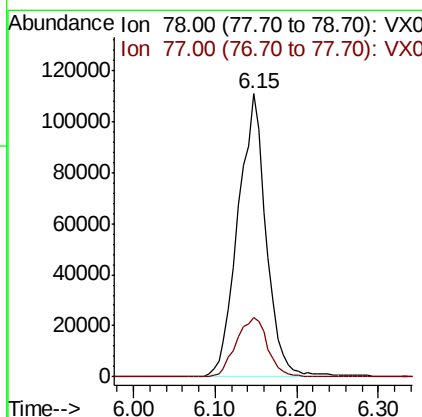
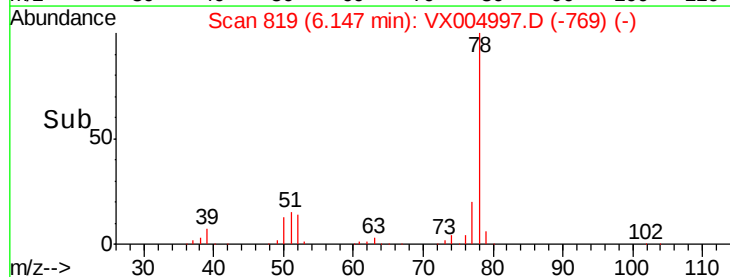
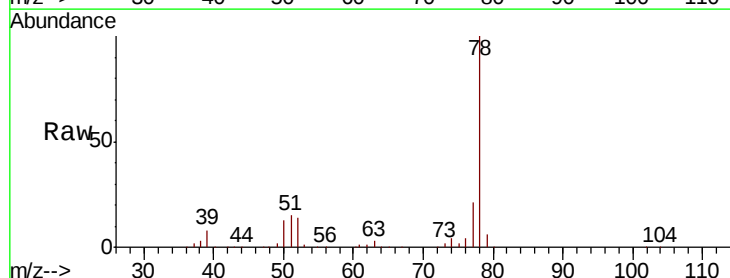
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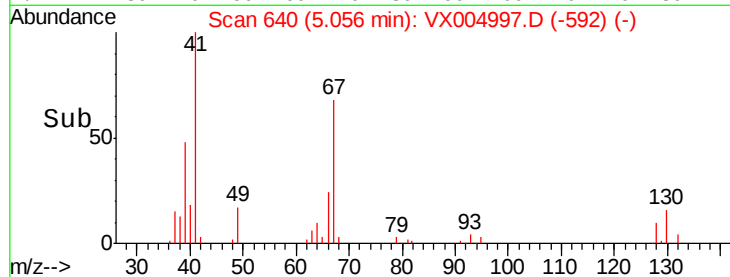
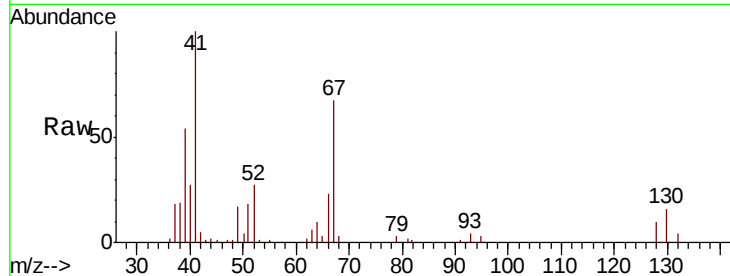
MMDadoda
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#40
Benzene
Concen: 19.249 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.0	21.0	31.4





#41

Methacrylonitrile

Concen: 20.102 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	42.5	63.7	
67	68.7	53.0	79.6	
52	26.8	19.8	29.8	

Instrument :

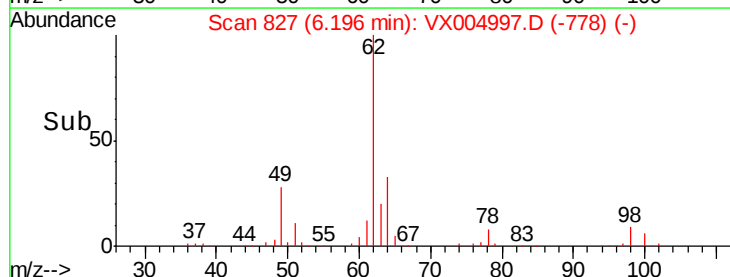
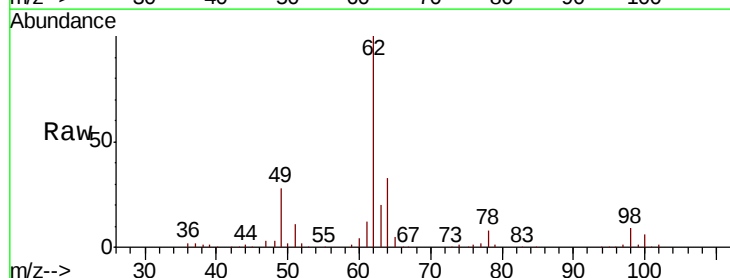
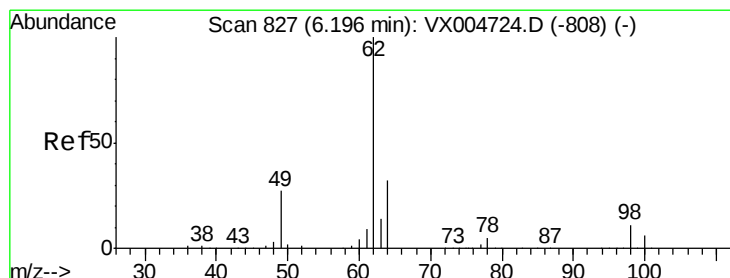
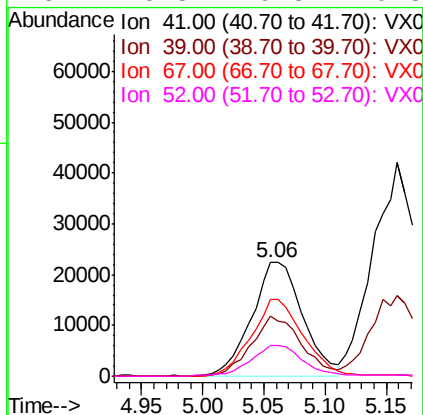
MSVOA_X

ClientSampleId :

VX1004WBS02

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.626 ug/l

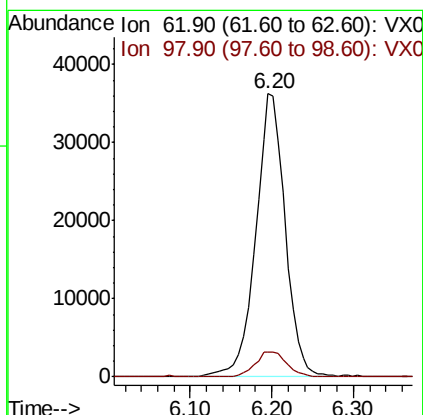
RT: 6.20 min Scan# 827

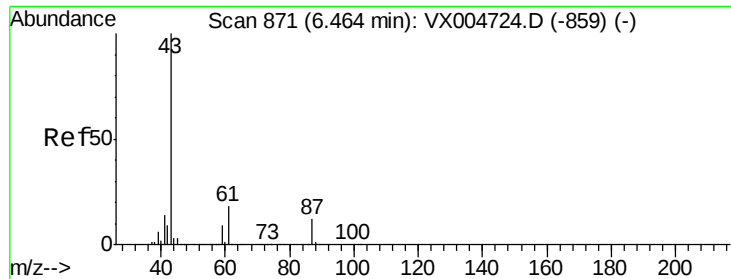
Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.2	





#43

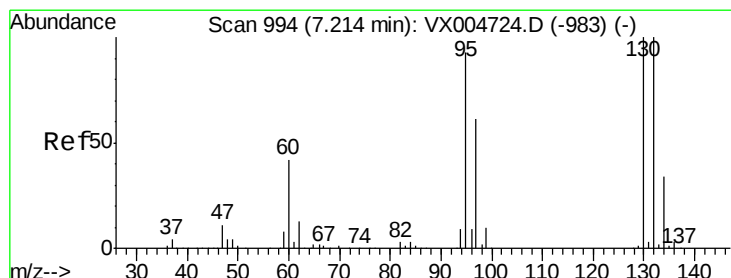
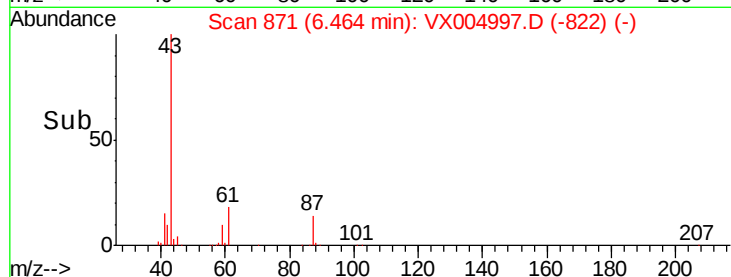
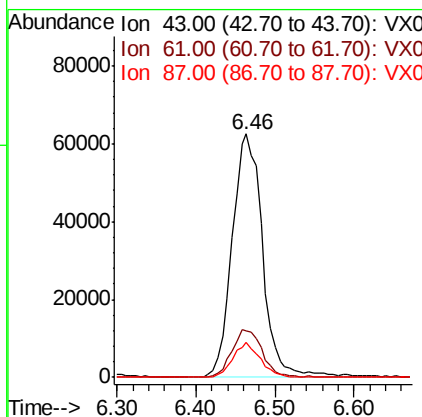
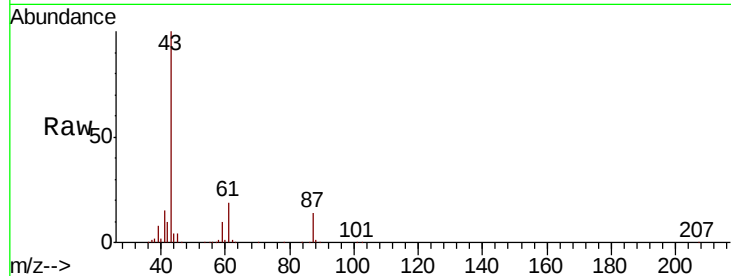
Isopropyl Acetate
 Concen: 19.719 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.2	21.4
87	13.1	9.3	13.9

Manual Integrations
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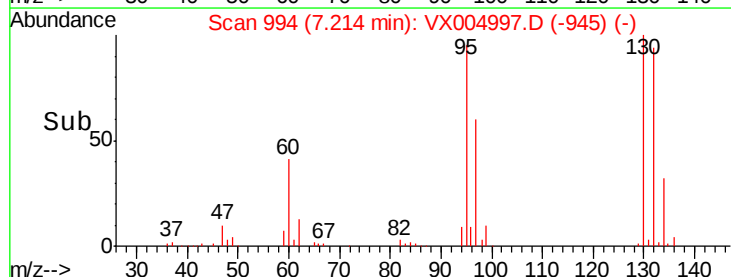
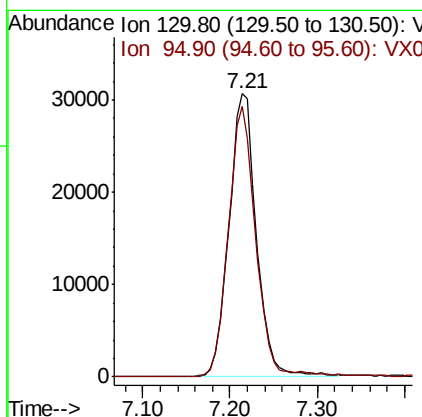
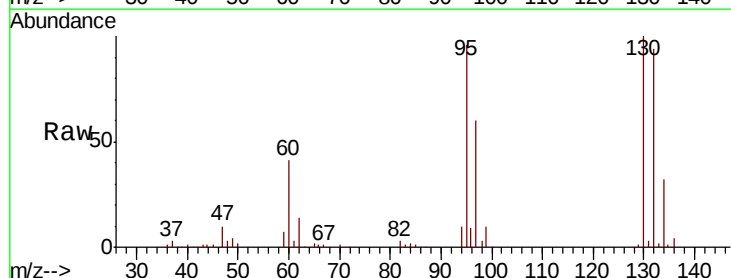
MMDadoda
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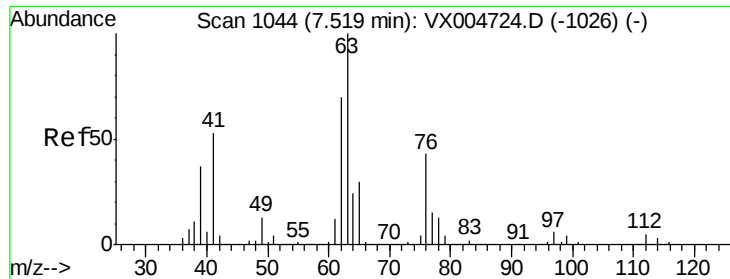


#44

Trichloroethene
 Concen: 19.841 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	186.8





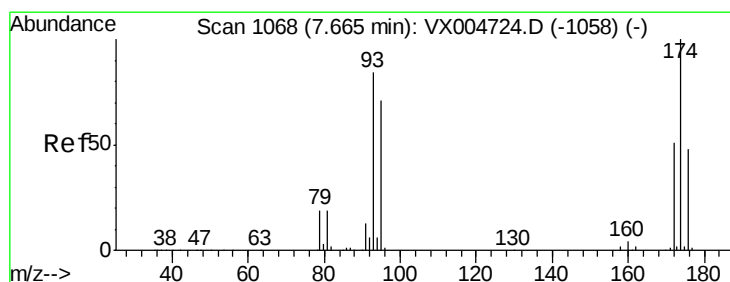
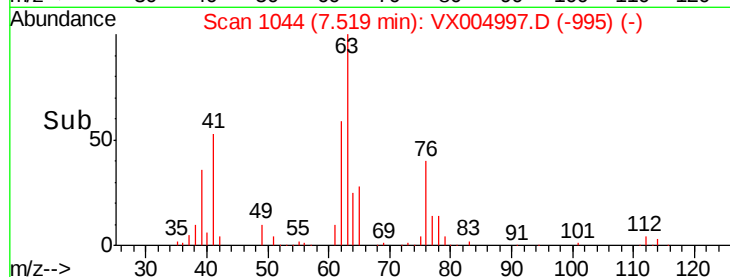
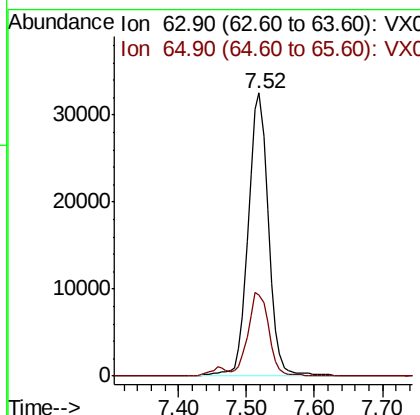
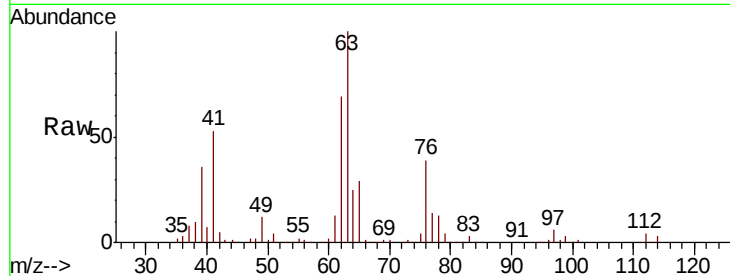
#45
 1,2-Dichloropropane
 Concen: 20.036 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion: 63 Resp: 67619
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.9 35.9

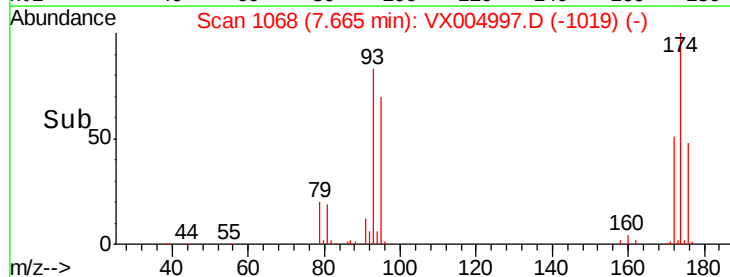
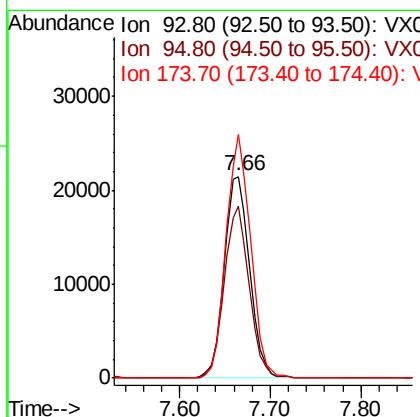
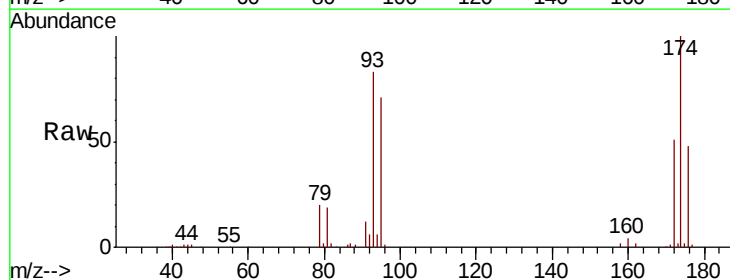
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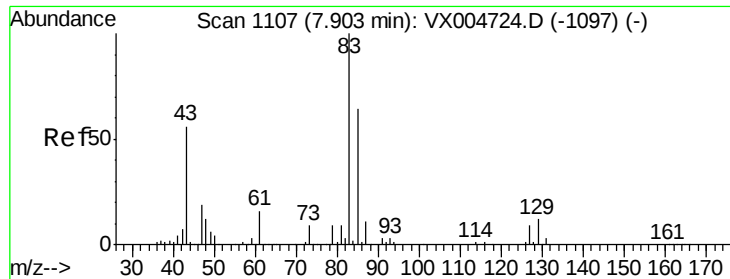
MMDadoda
 10/5/2018 3:24:48 PM



#46
 Dibromomethane
 Concen: 19.745 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 93 Resp: 41879
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.7 100.1
 174 116.8 92.7 139.1





#47

Bromodichloromethane

Concen: 19.507 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

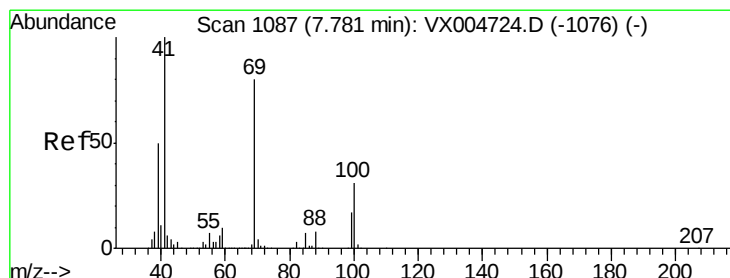
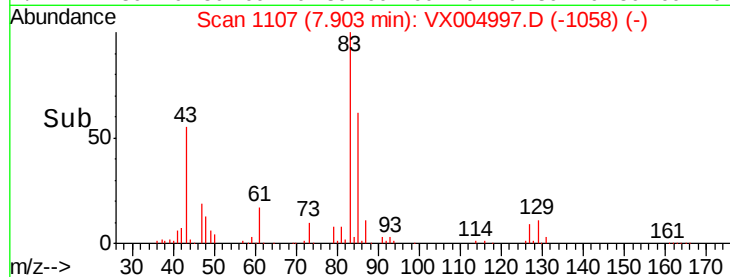
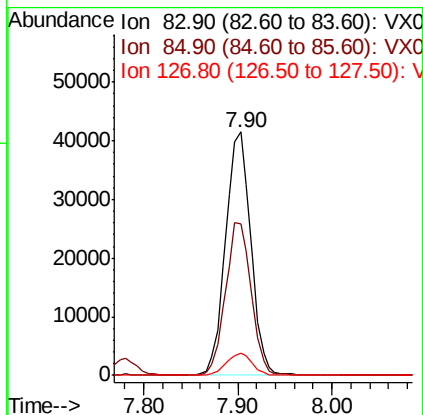
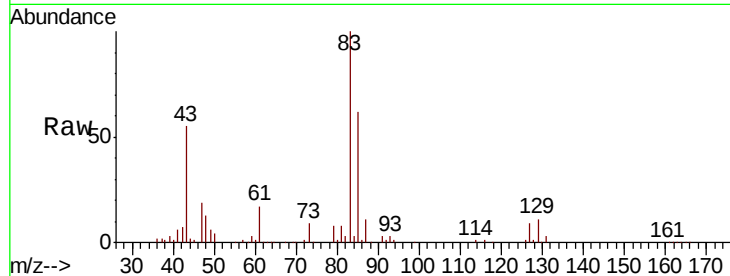
ClientSampleId :

VX1004WBS02

Tot Ion:	83	Resp:	77465
Ion Ratio	Lower	Upper	
83	100		
85	62.2	51.2	76.8
127	9.2	7.0	10.6

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#48

Methyl methacrylate

Concen: 20.925 ug/l

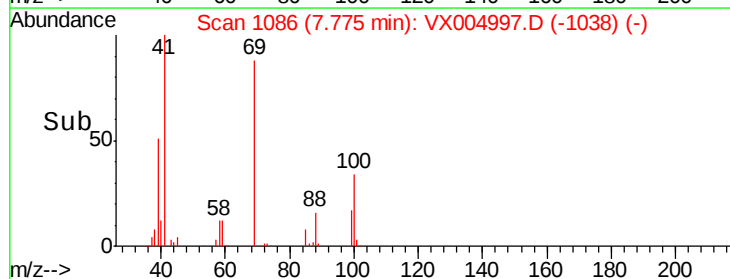
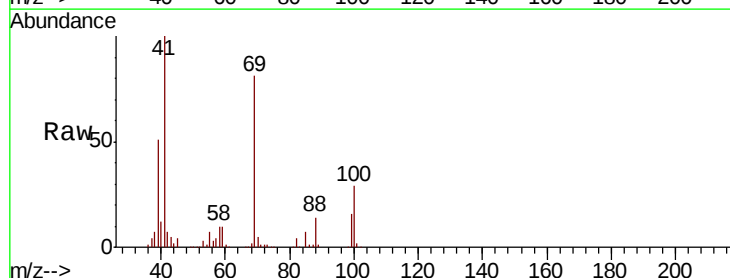
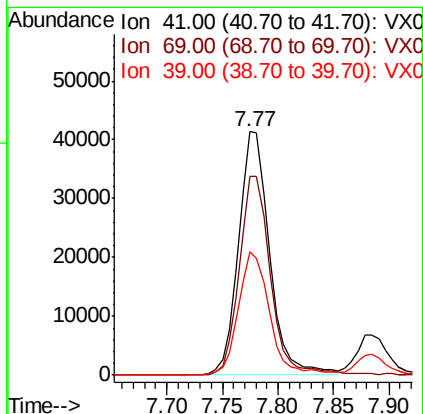
RT: 7.77 min Scan# 1086

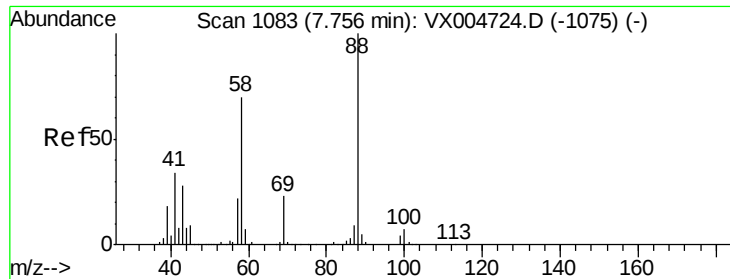
Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion:	41	Resp:	79989
Ion Ratio	Lower	Upper	
41	100		
69	82.6	63.8	95.6
39	51.2	40.7	61.1





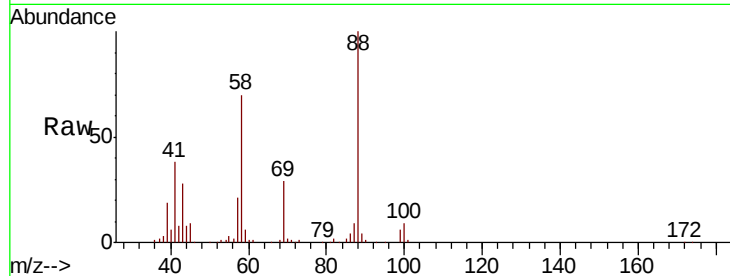
#49
1,4-Dioxane
Concen: 406.007 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.1	37.7
58	73.1	56.2	84.2

Manual Integrations
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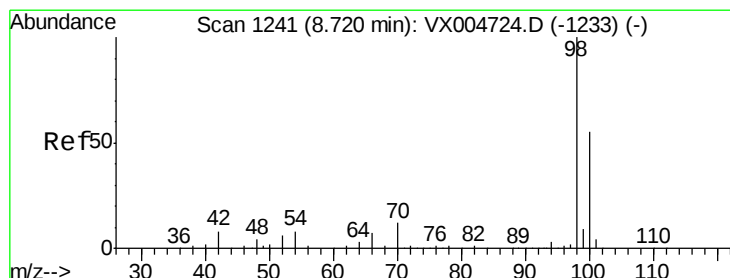
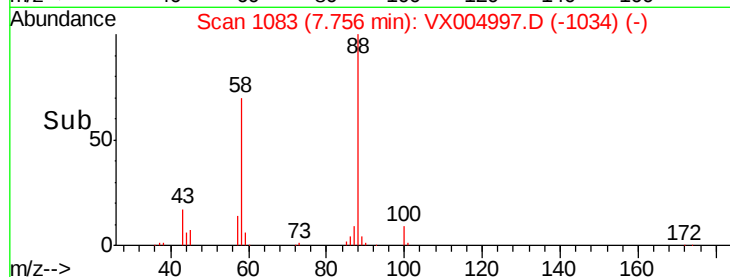
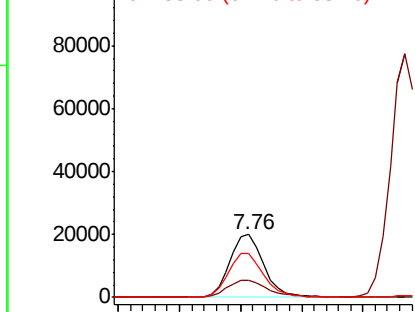


Abundance

Ion 88.00 (87.70 to 88.70): VX0

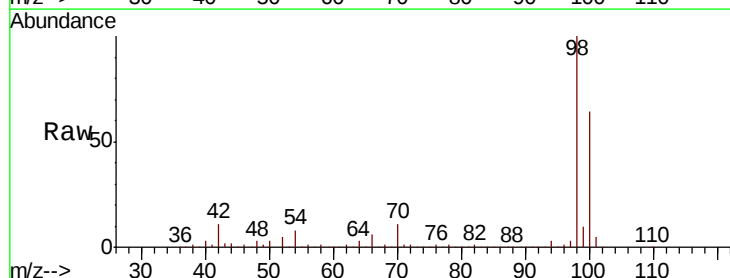
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.976 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

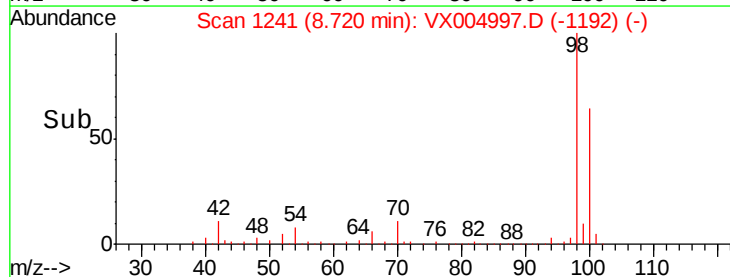
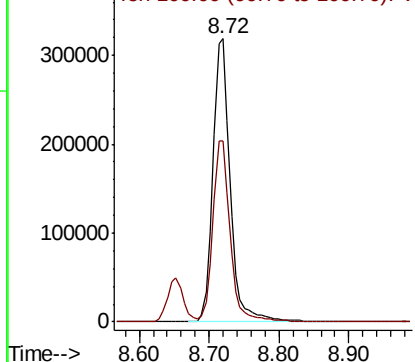
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9

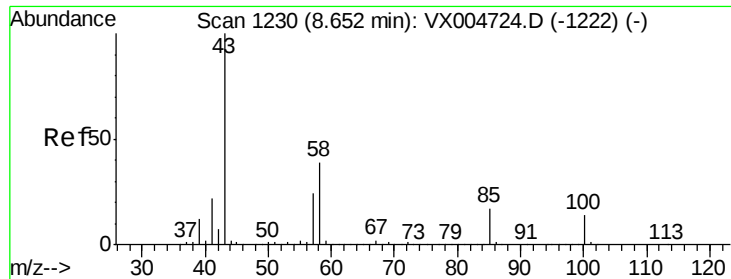


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





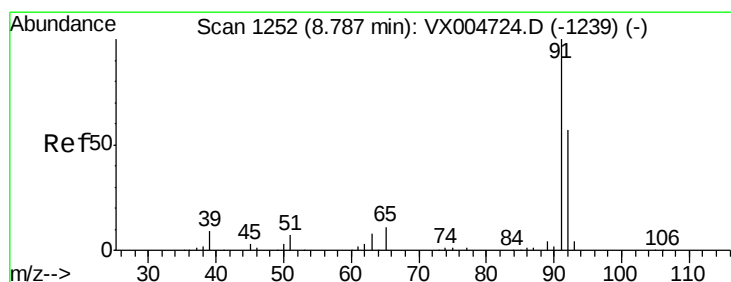
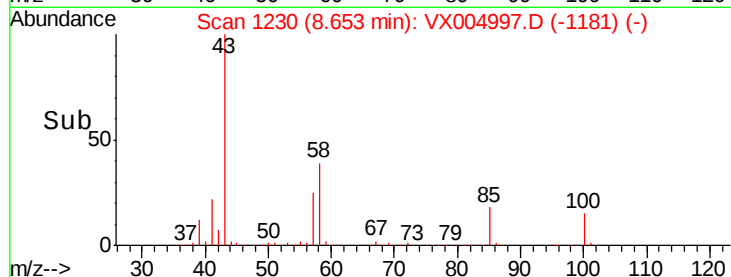
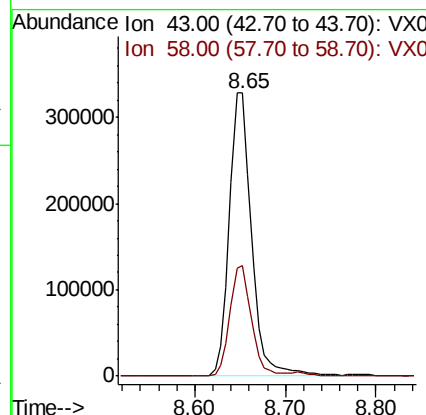
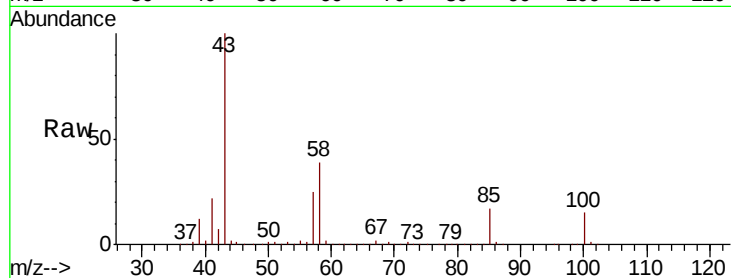
#51
4-Methyl-2-Pentanone
Concen: 106.106 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion: 43 Resp: 562682
Ion Ratio Lower Upper
43 100
58 37.8 30.5 45.7

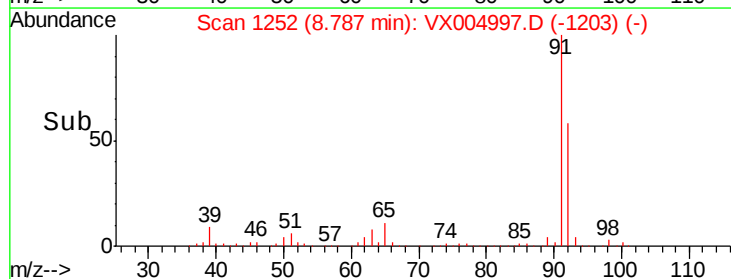
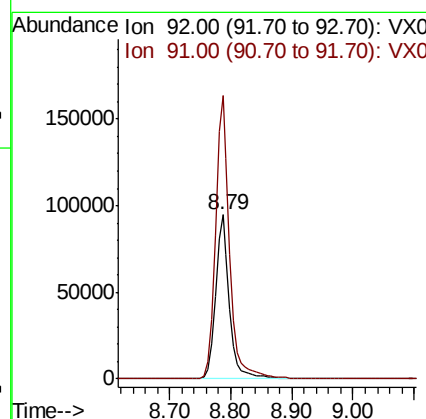
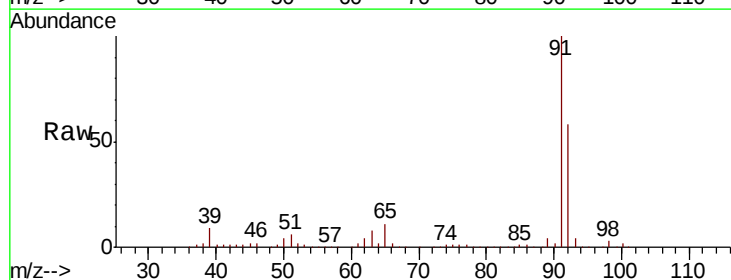
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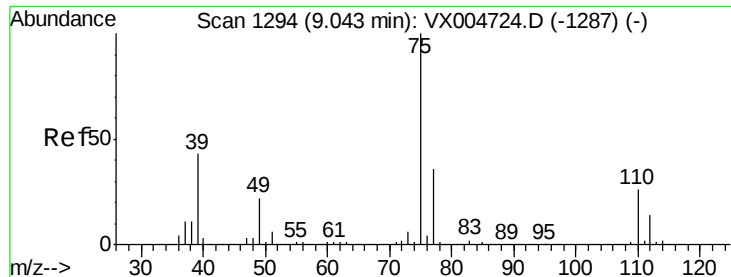
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#52
Toluene
Concen: 20.130 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 92 Resp: 152229
Ion Ratio Lower Upper
92 100
91 175.6 136.7 205.1





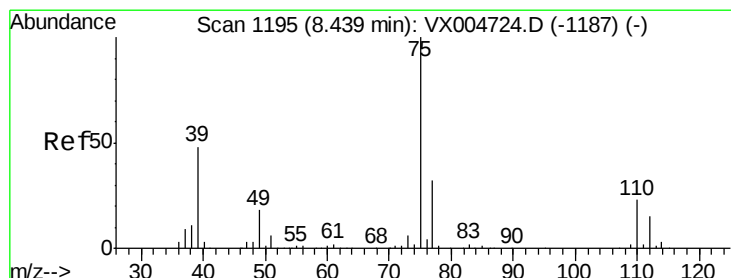
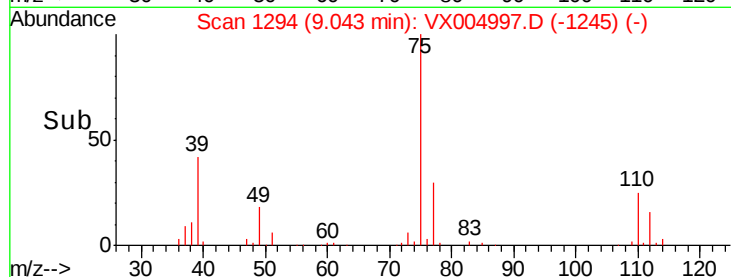
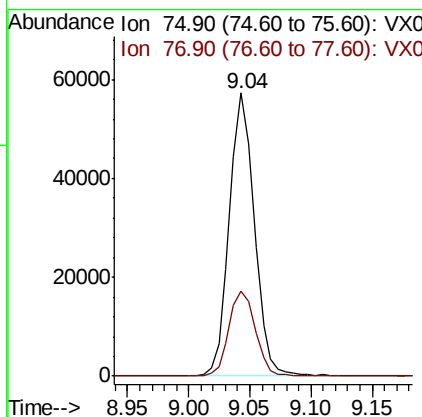
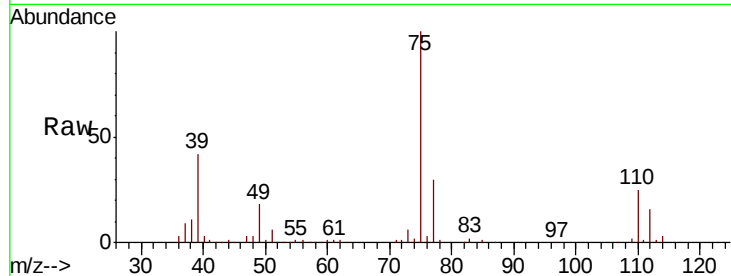
#53
t-1,3-Dichloropropene
Concen: 18.121 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	28.9	43.3

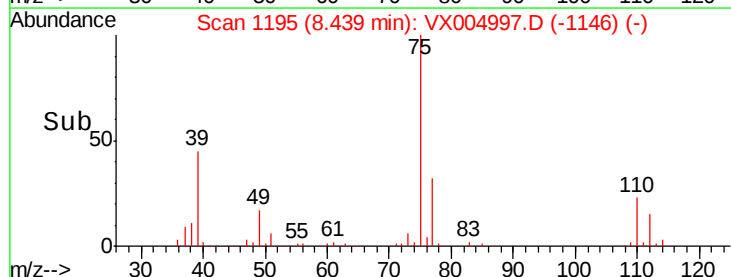
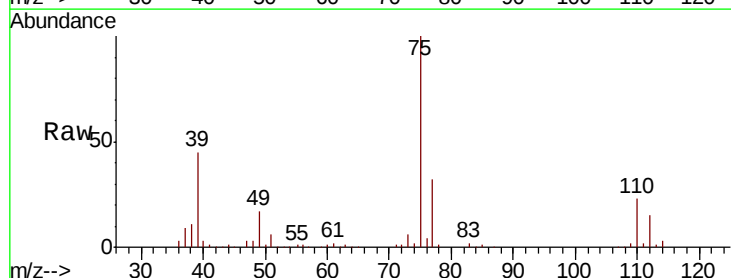
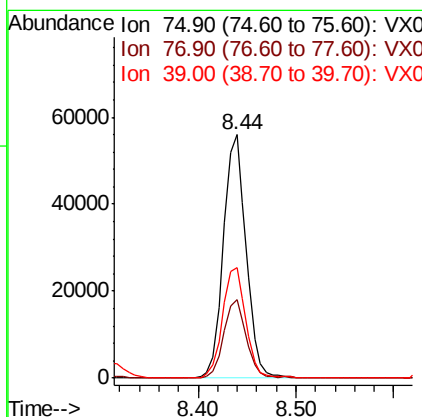
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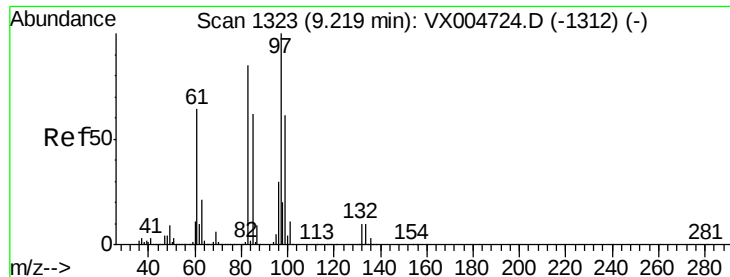
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#54
cis-1,3-Dichloropropene
Concen: 19.188 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.7	38.5
39	45.3	38.3	57.5





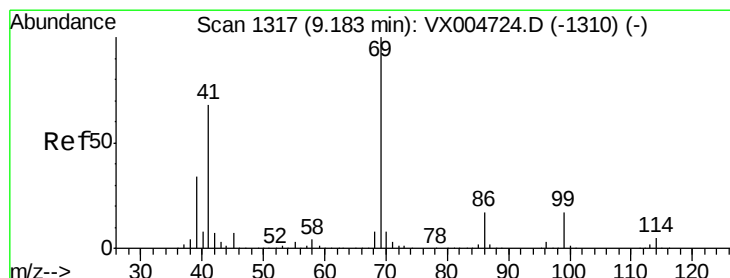
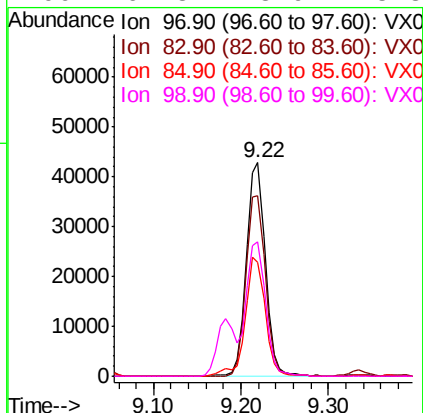
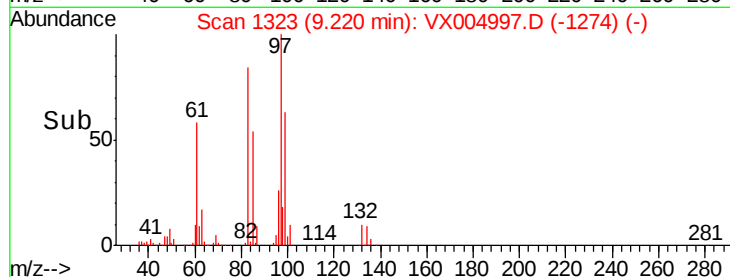
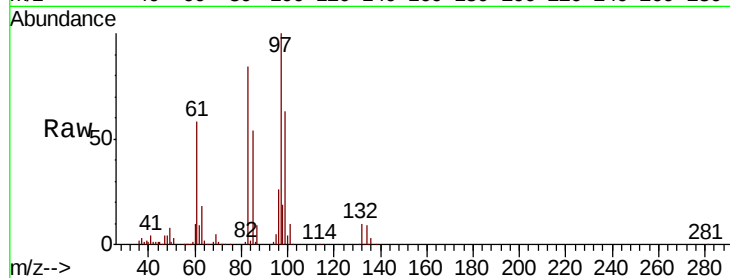
#55
 1,1,2-Trichloroethane
 Concen: 19.461 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion:	97	Resp:	64465
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.2
85	53.5	49.9	74.9
99	62.8	48.9	73.3

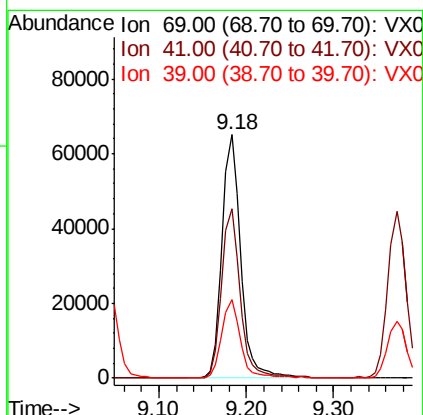
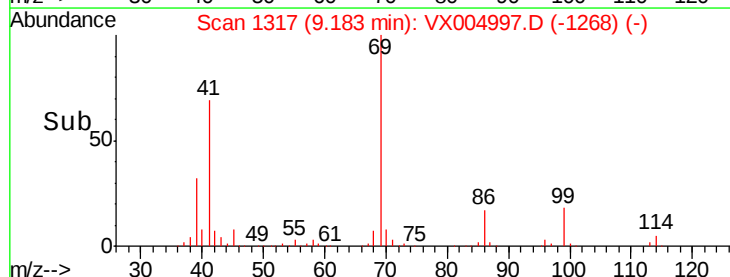
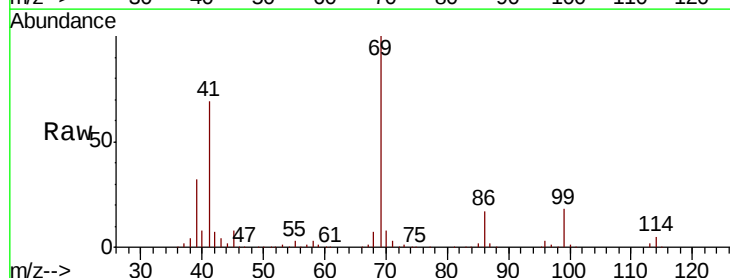
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#56
 Ethyl methacrylate
 Concen: 19.819 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion:	69	Resp:	96683
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.9	85.3
39	31.9	28.4	42.6





#57

1,3-Dichloropropane

Concen: 19.399 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

Tot Ion: 76 Resp: 106949

Ion Ratio Lower Upper

76 100

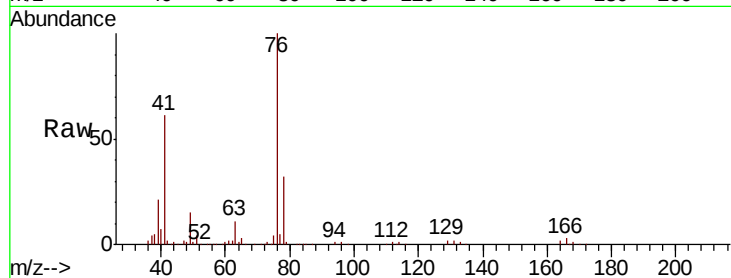
78 31.8 26.6 40.0

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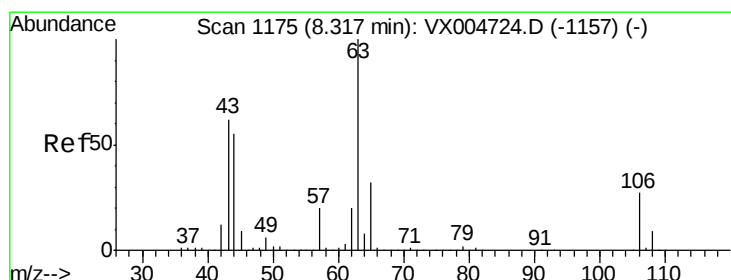
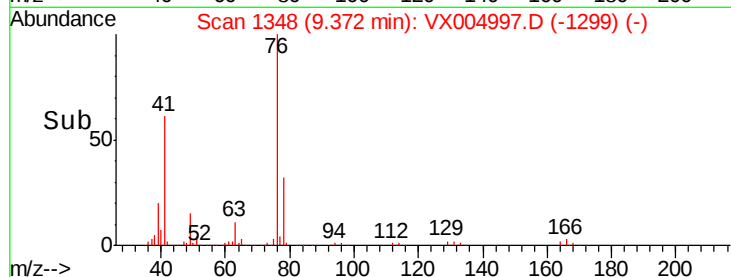
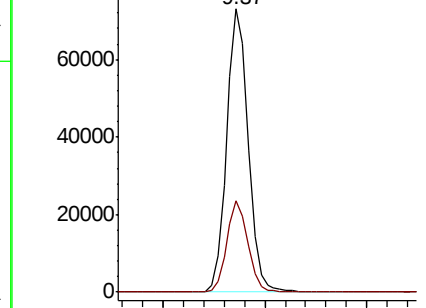
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.537 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004997.D

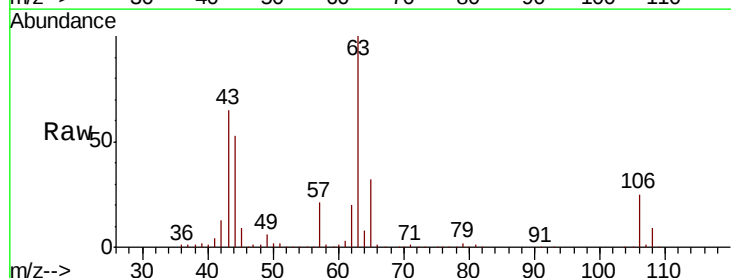
Acq: 04 Oct 2018 04:41

Tgt Ion: 63 Resp: 276313

Ion Ratio Lower Upper

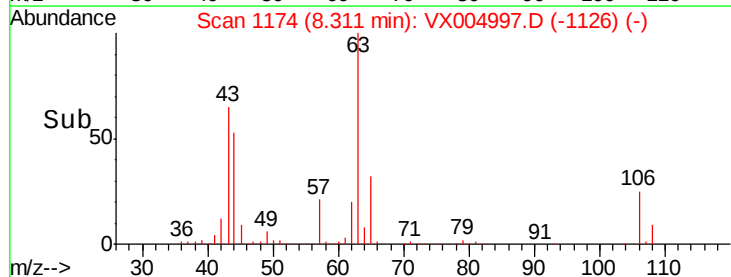
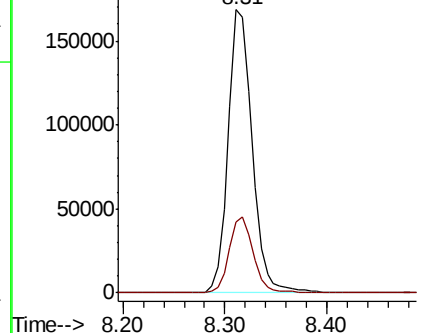
63 100

106 26.8 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





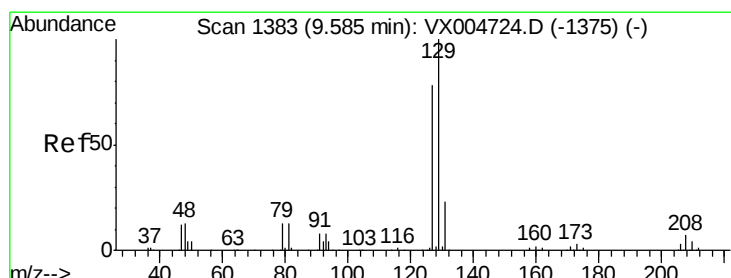
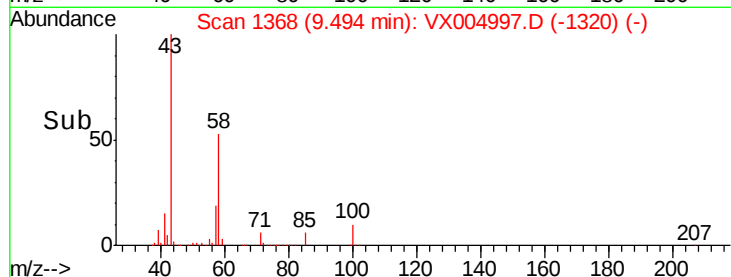
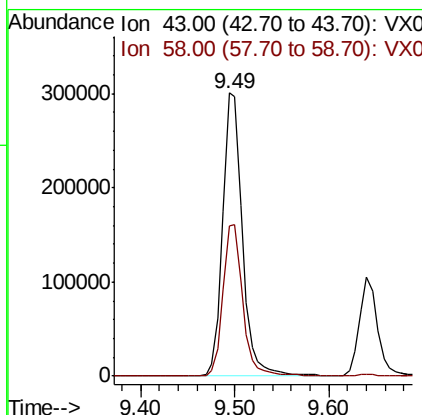
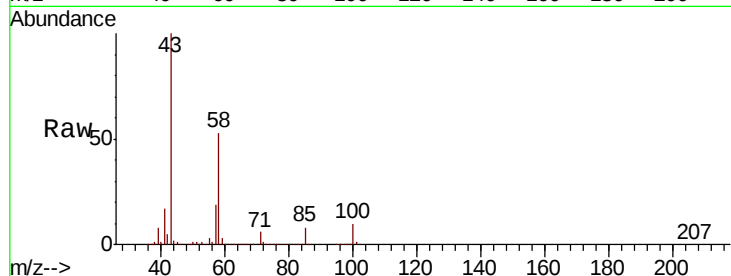
#59
2-Hexanone
Concen: 99.006 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion: 43 Resp: 437519
Ion Ratio Lower Upper
43 100
58 54.0 28.4 85.3

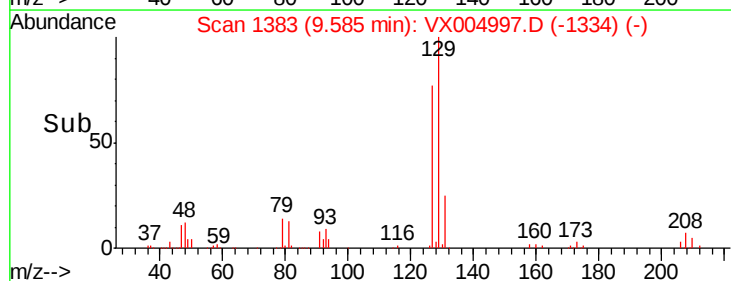
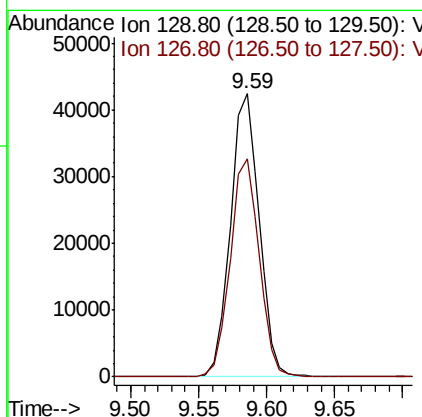
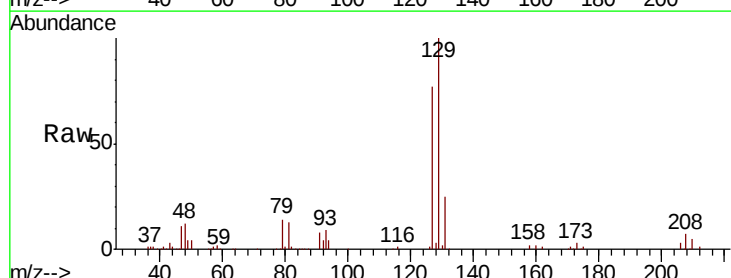
Manual Integrations
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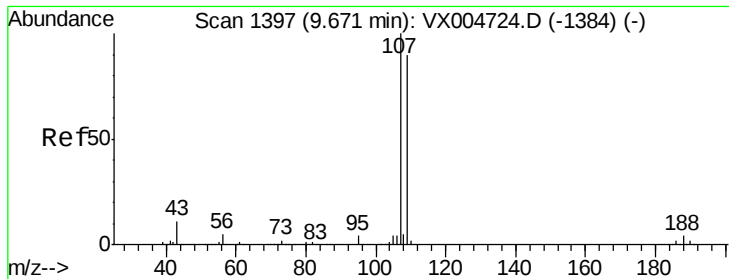
MMDadoda
10/5/2018 3:24:48 PM



#60
Dibromochloromethane
Concen: 18.790 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 129 Resp: 62247
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.727 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

Tot Ion:107 Resp: 66434

Ion Ratio Lower Upper

107 100

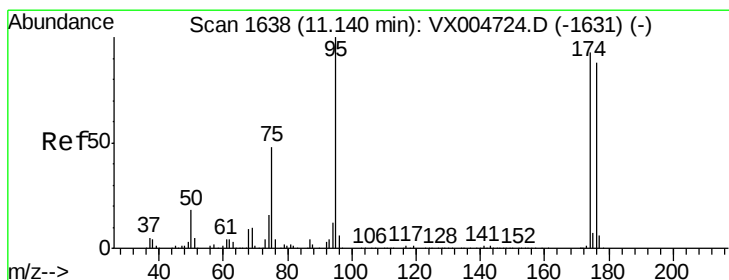
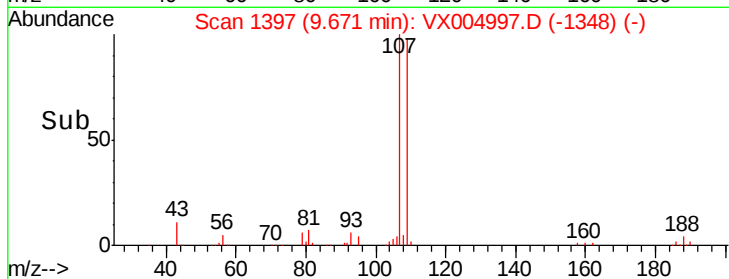
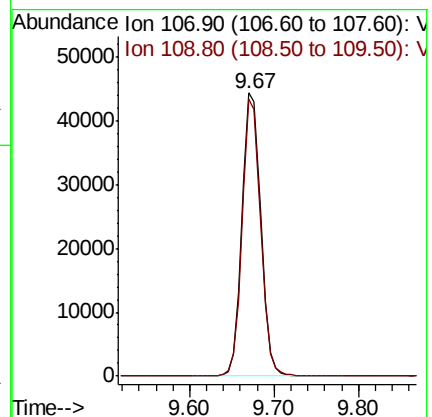
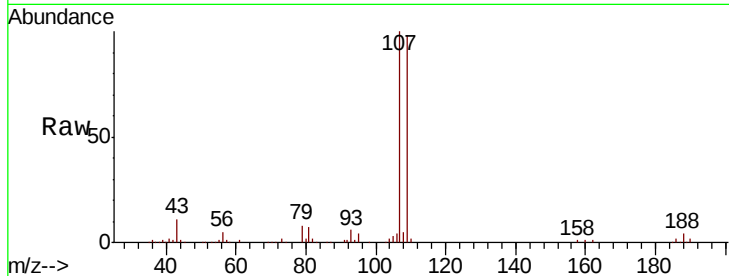
109 95.6 72.1 108.1

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#62

4-Bromofluorobenzene

Concen: 51.468 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

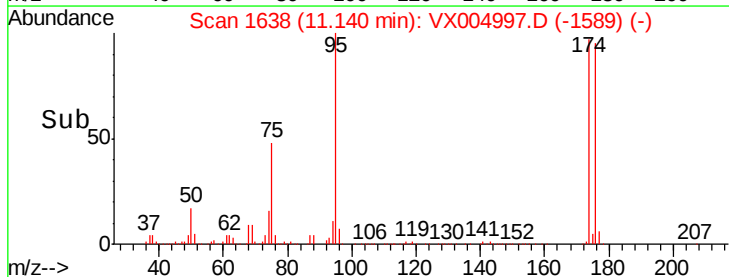
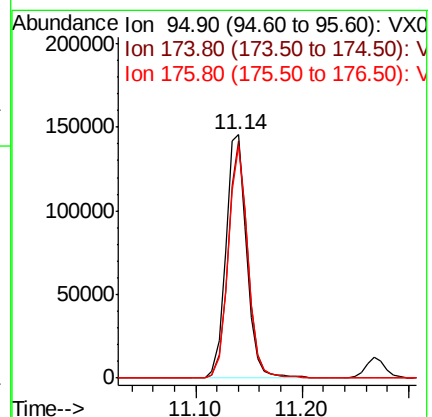
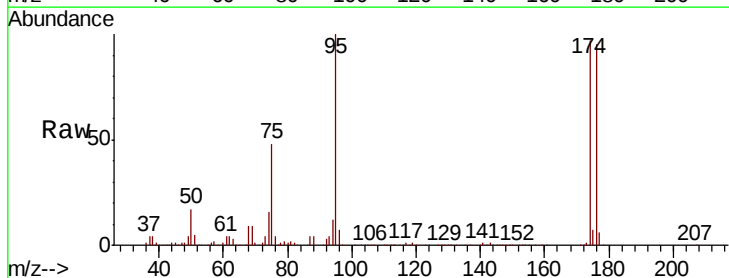
Tgt Ion: 95 Resp: 198608

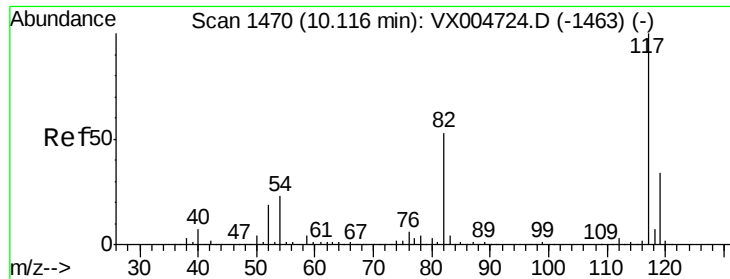
Ion Ratio Lower Upper

95 100

174 91.6 0.0 185.0

176 90.2 0.0 180.2





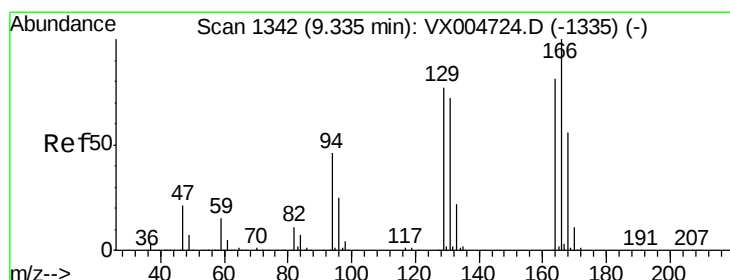
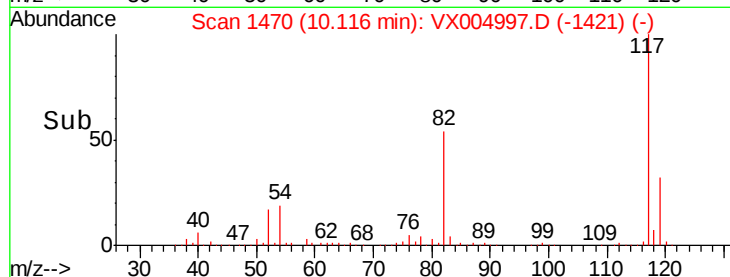
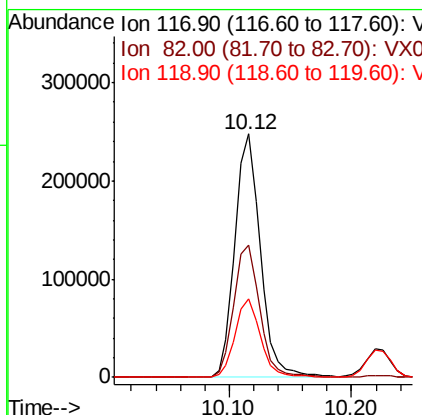
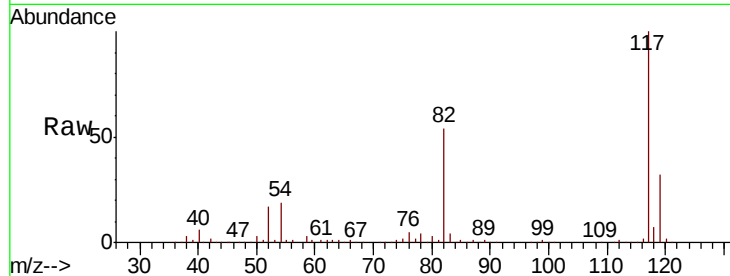
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.4
119	32.1	27.4	41.0

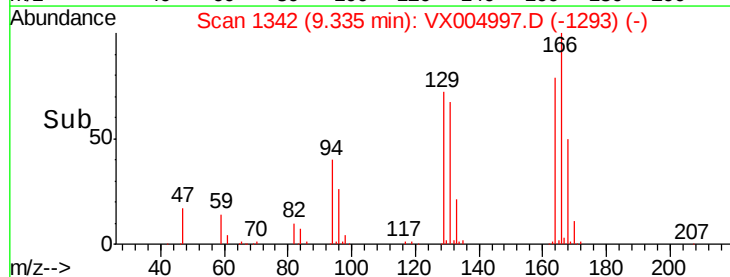
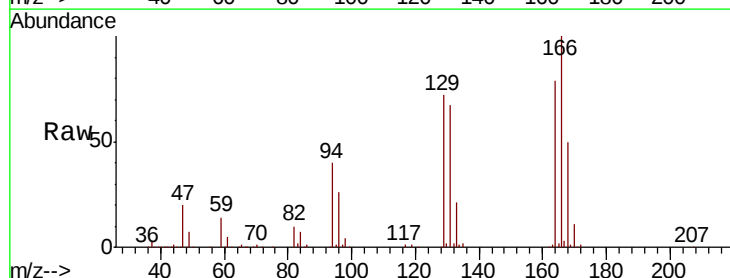
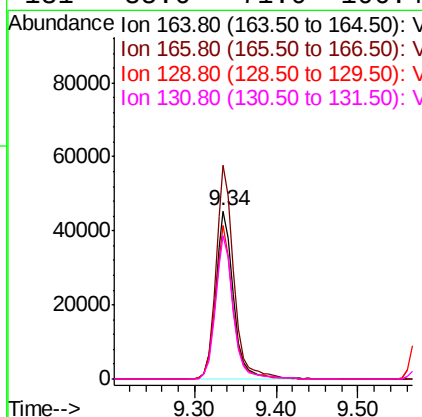
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#64
Tetrachloroethene
Concen: 19.937 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	98.4	147.6
129	91.5	76.1	114.1
131	85.6	71.0	106.4





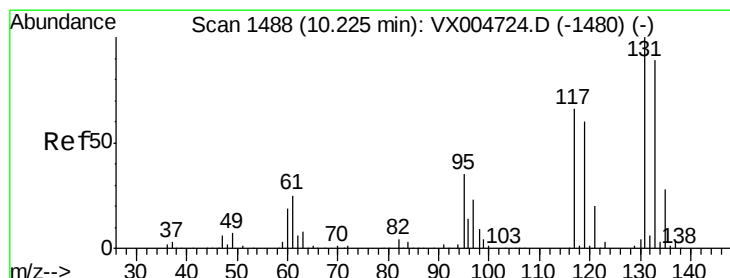
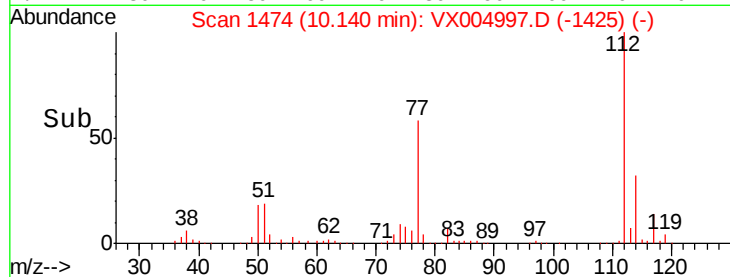
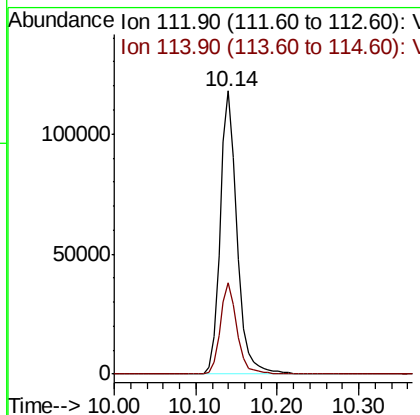
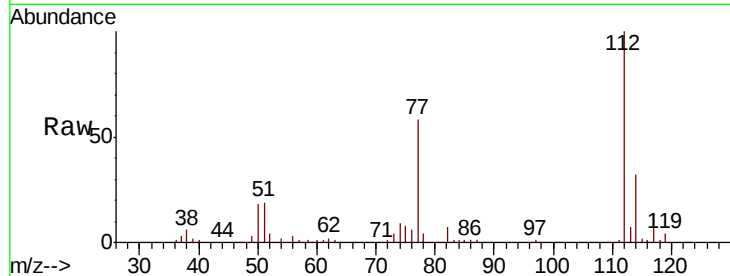
#65
Chlorobenzene
Concen: 18.607 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampled :
VX1004WBS02

Tot Ion:112 Resp: 170671
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1

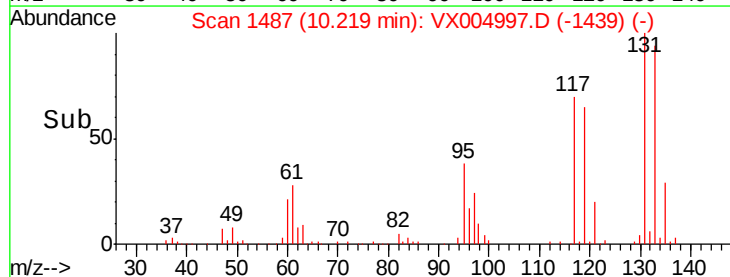
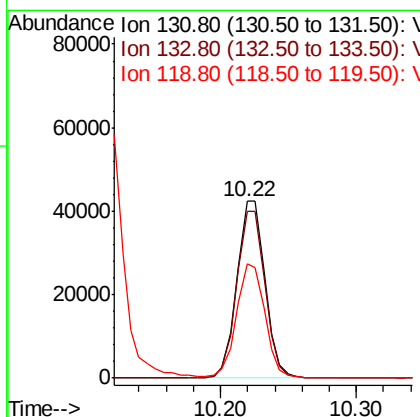
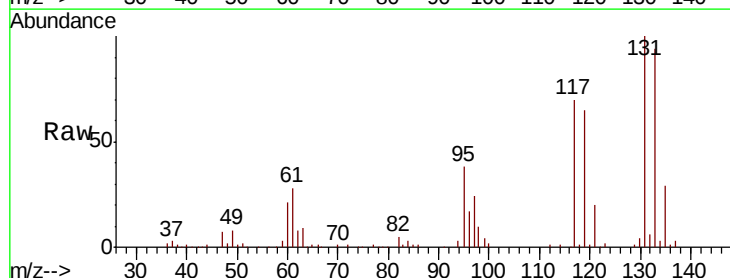
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.904 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion:131 Resp: 60959
Ion Ratio Lower Upper
131 100
133 94.7 48.4 145.0
119 65.8 32.3 96.8





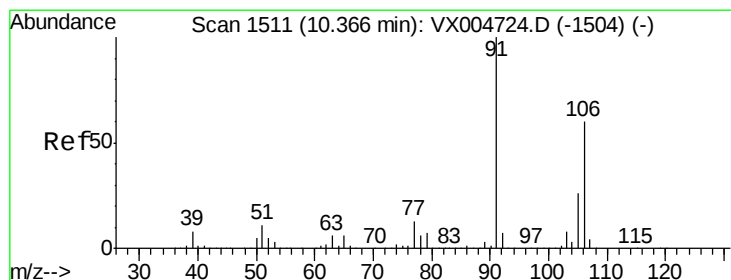
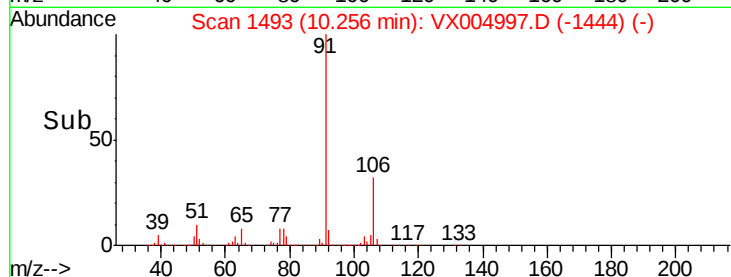
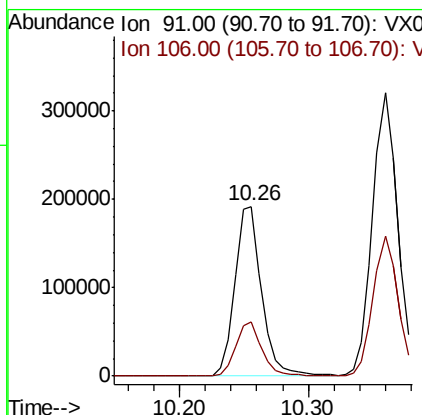
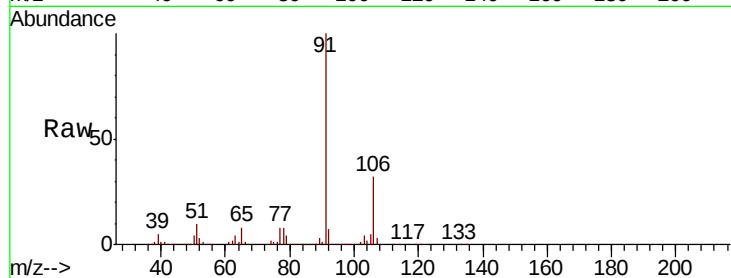
#67
Ethyl Benzene
Concen: 19.143 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion: 91 Resp: 278767
Ion Ratio Lower Upper
91 100
106 31.7 26.9 40.3

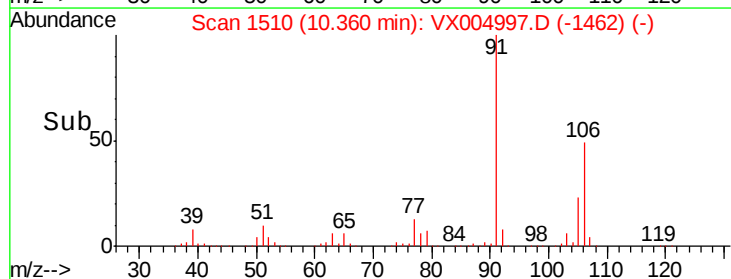
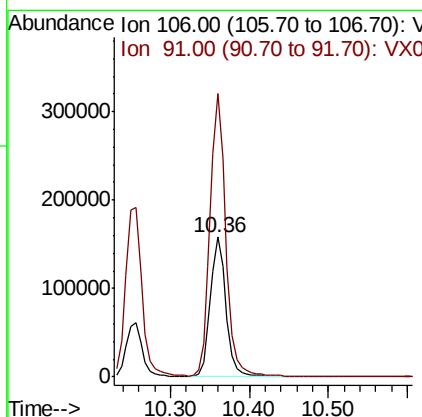
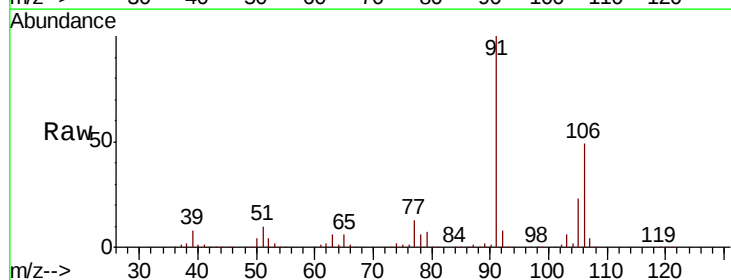
Manual Integrations
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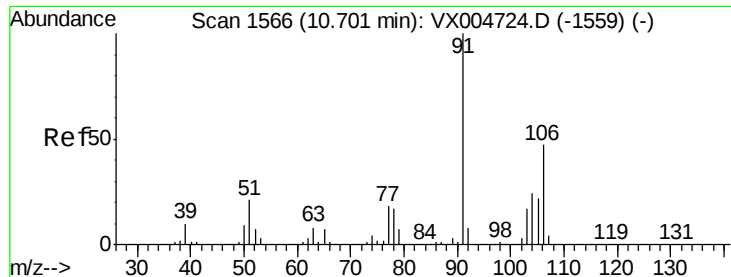
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#68
m/p-Xylenes
Concen: 38.695 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 106 Resp: 220198
Ion Ratio Lower Upper
106 100
91 203.7 157.5 236.3





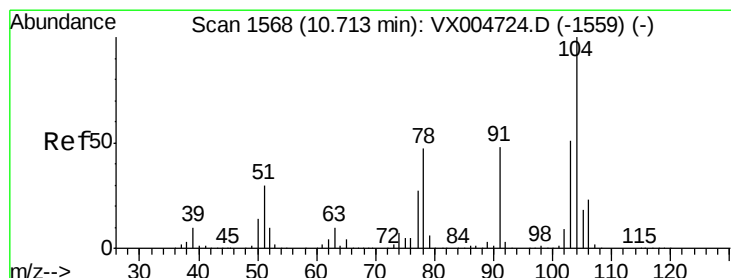
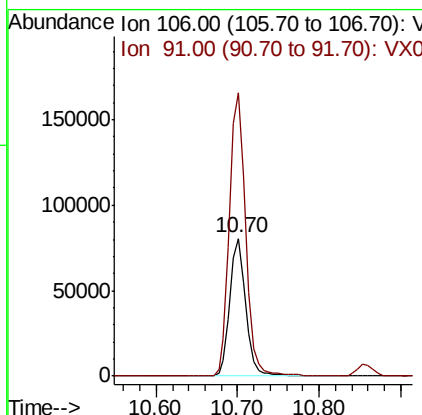
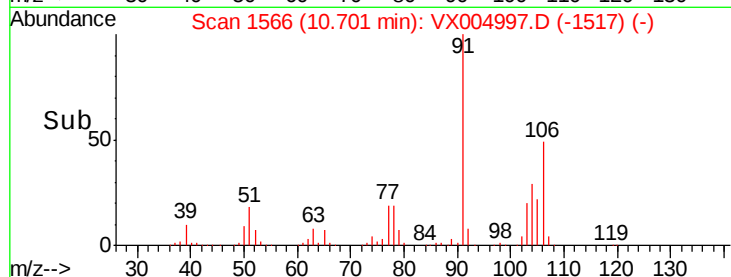
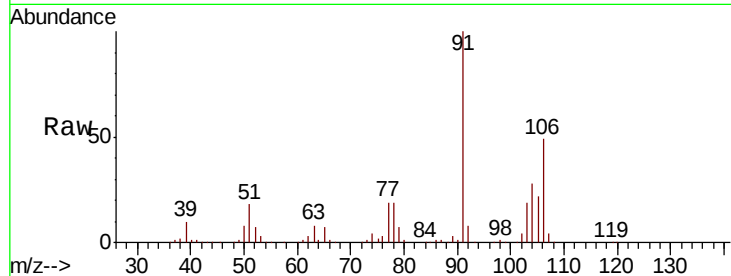
#69
o-Xylene
Concen: 20.582 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion:106 Resp: 107576
Ion Ratio Lower Upper
106 100
91 210.9 108.3 324.8

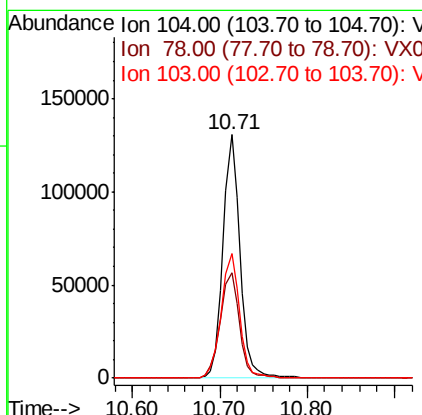
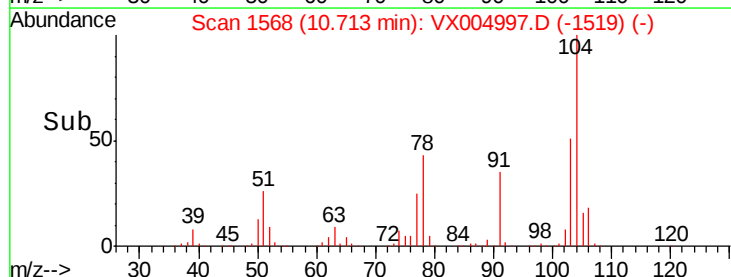
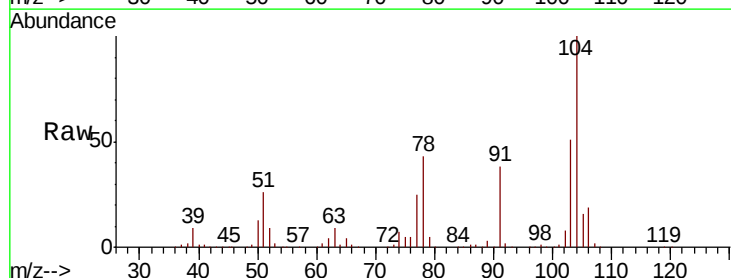
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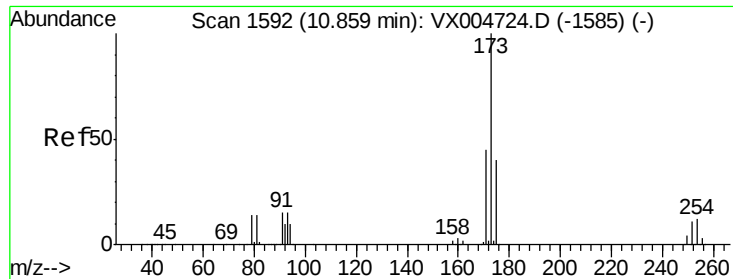
MMDadoda
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#70
Styrene
Concen: 19.317 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion:104 Resp: 175417
Ion Ratio Lower Upper
104 100
78 49.3 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 17.990 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

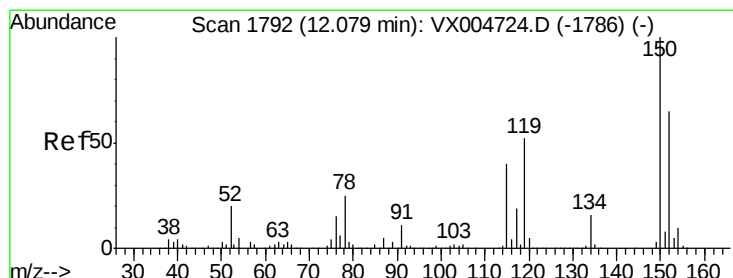
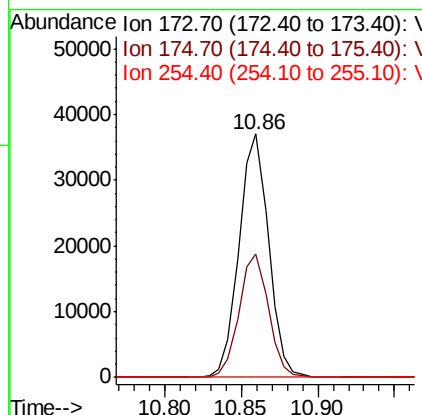
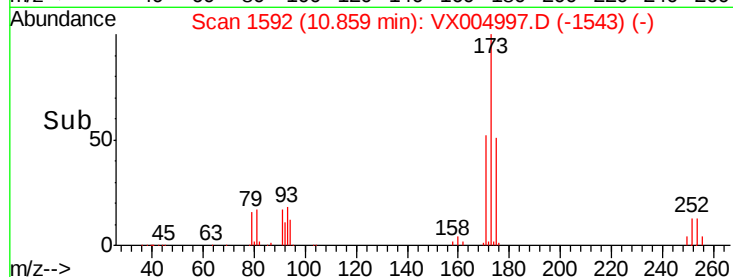
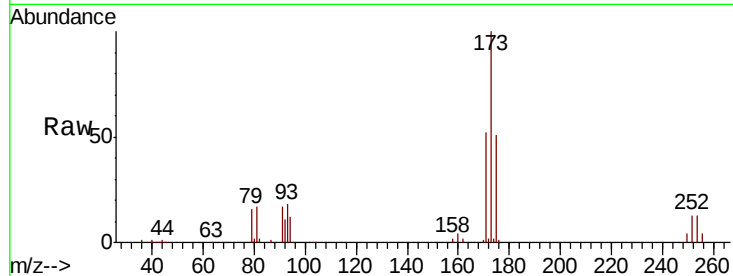
ClientSampleId :

VX1004WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	23.3	69.8
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

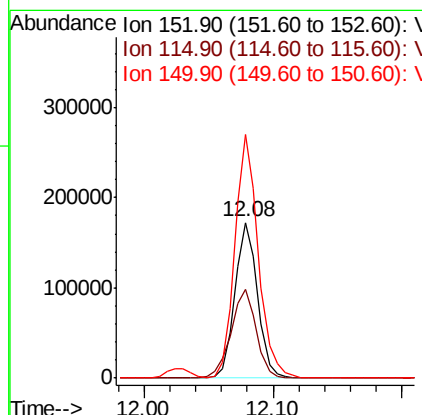
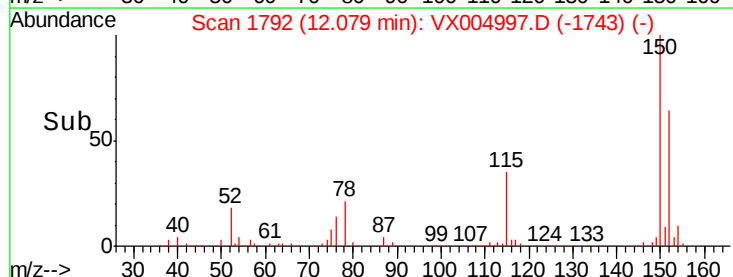
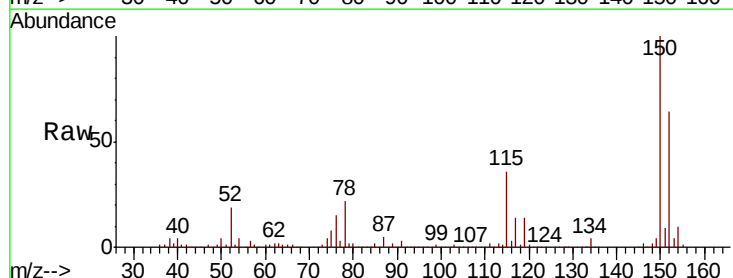
RT: 12.08 min Scan# 1792

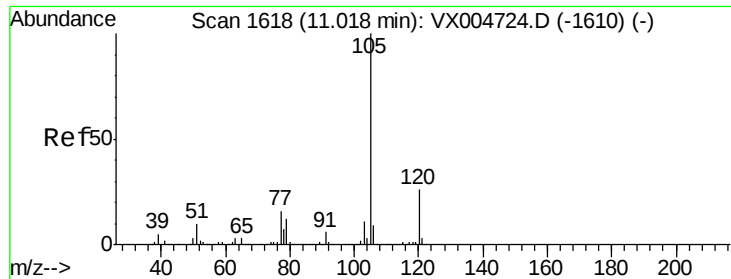
Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	40.2	120.6
150	162.5	0.0	351.0





#73

Isopropylbenzene

Concen: 21.331 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS02

Tot Ion: 105 Resp: 283681

Ion Ratio Lower Upper

105 100

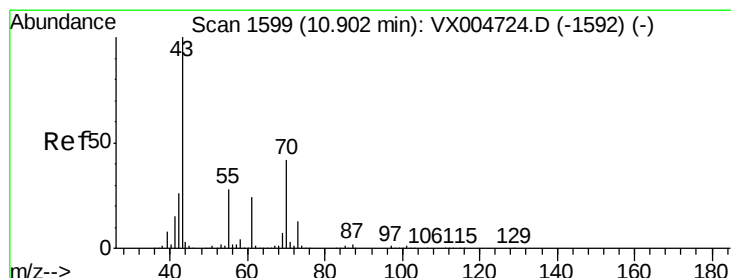
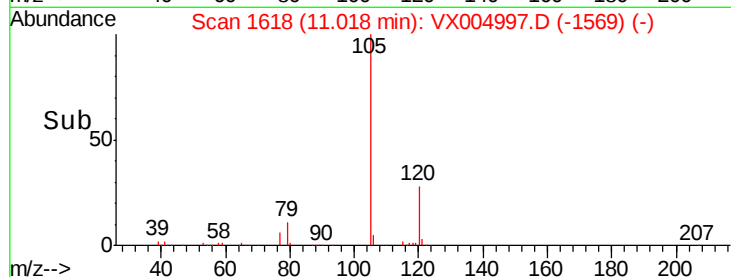
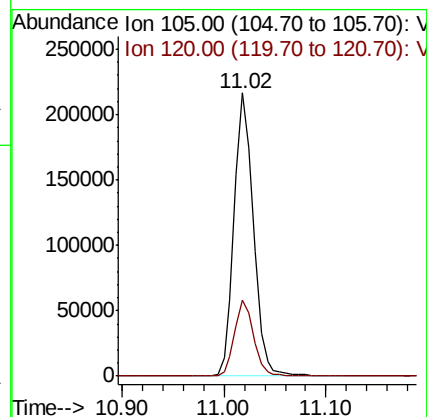
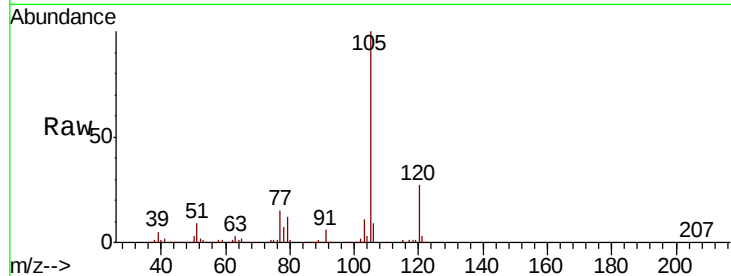
120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.391 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion: 43 Resp: 133637

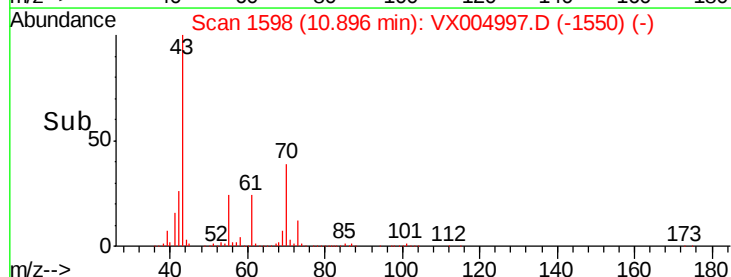
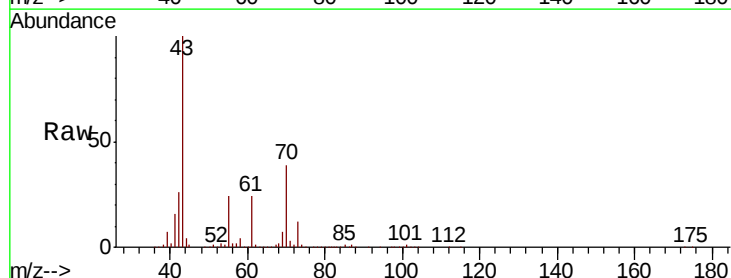
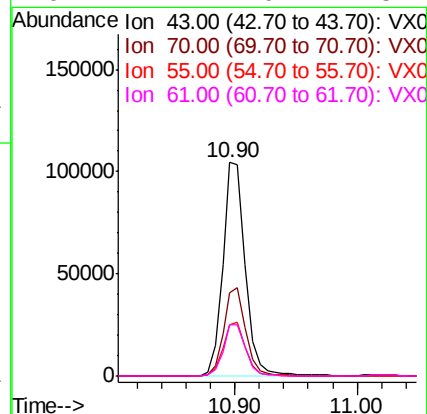
Ion Ratio Lower Upper

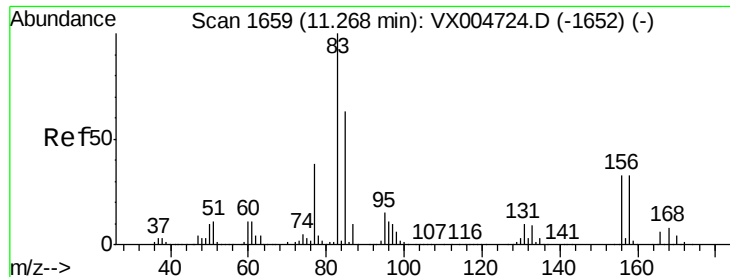
43 100

70 40.6 32.6 48.8

55 25.6 21.6 32.4

61 24.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.730 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

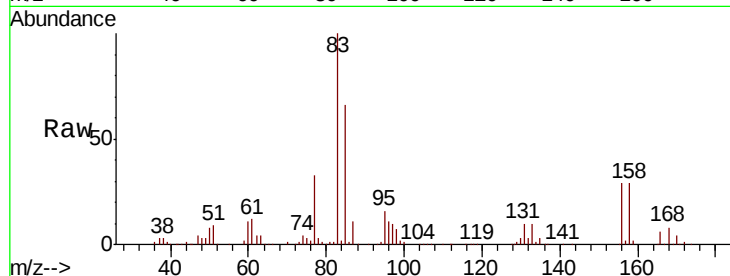
ClientSampled :

VX1004WBS02

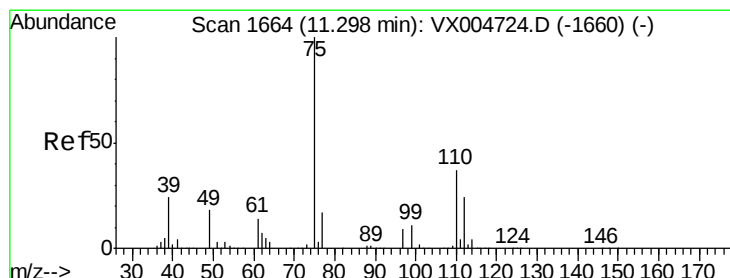
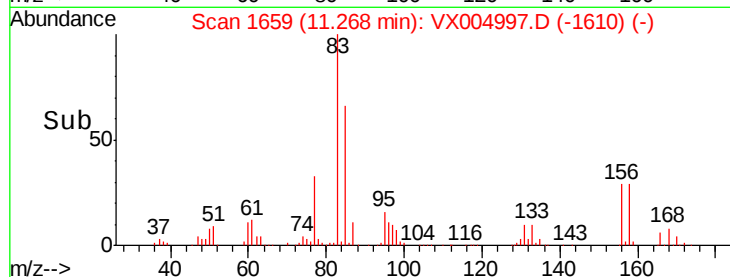
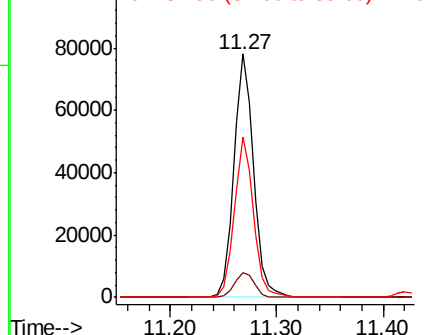
Tot Ion:	83	Resp:	101400
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.4	31.9	95.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.234 ug/l m

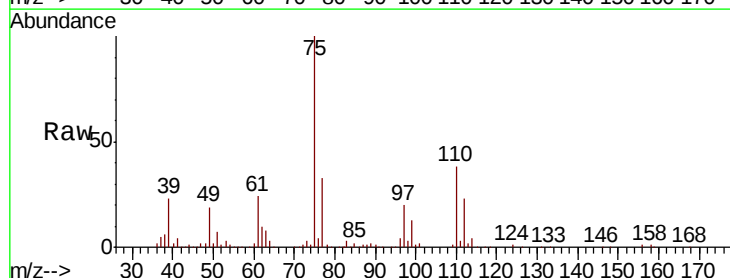
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

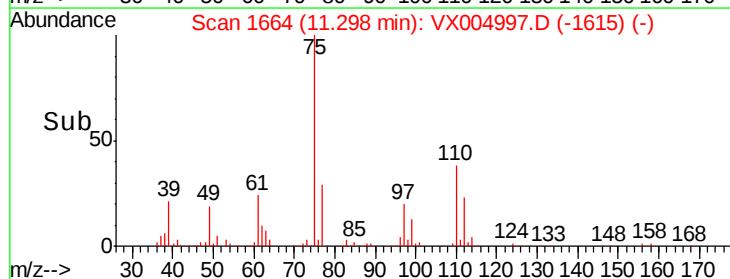
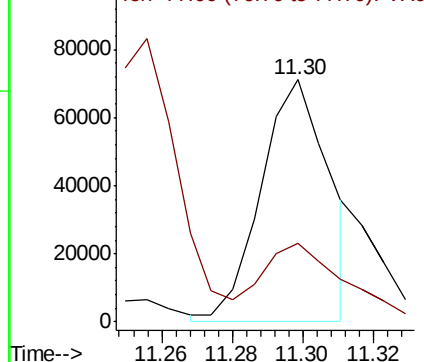
Lab File: VX004997.D

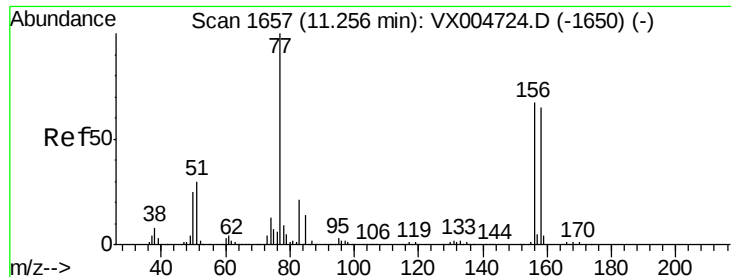
Acq: 04 Oct 2018 04:41

Tgt Ion:	75	Resp:	95688
Ion Ratio	Lower	Upper	
75	100		
77	39.2	21.4	64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.275 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

Tot Ion:156 Resp: 78318

Ion Ratio Lower Upper

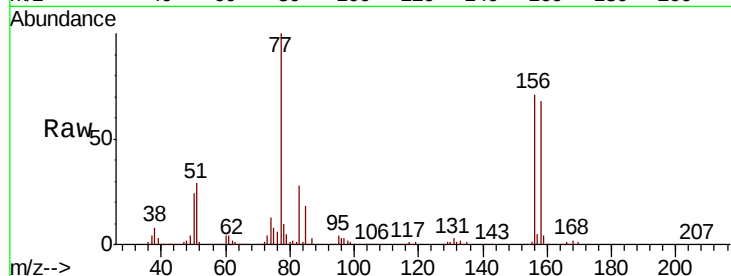
156 100

77 143.7 73.4 220.2

158 97.4 49.1 147.4

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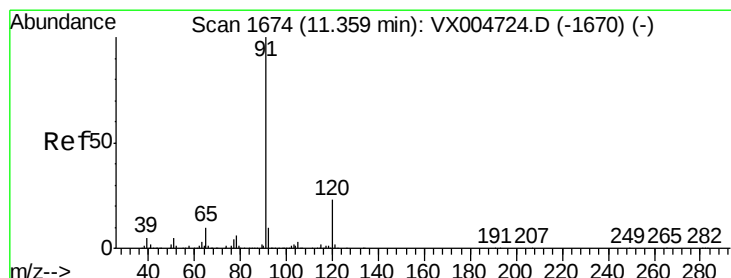
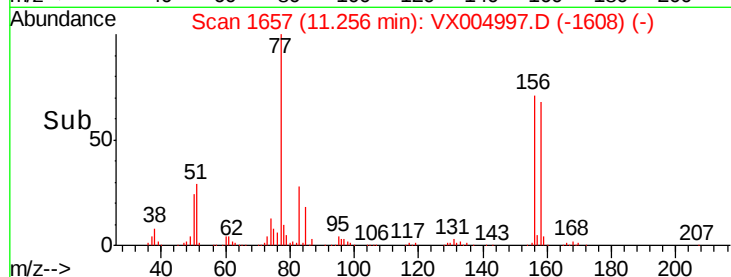
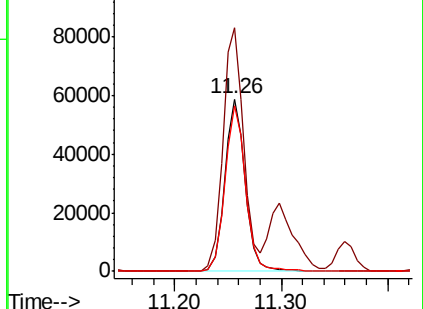
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10/5/2018 3:24:48 PM



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: 20.897 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004997.D

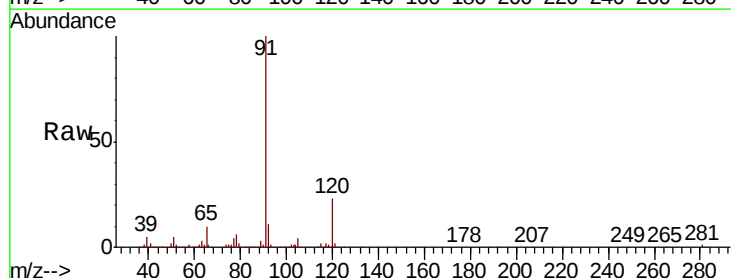
Acq: 04 Oct 2018 04:41

Tgt Ion: 91 Resp: 318877

Ion Ratio Lower Upper

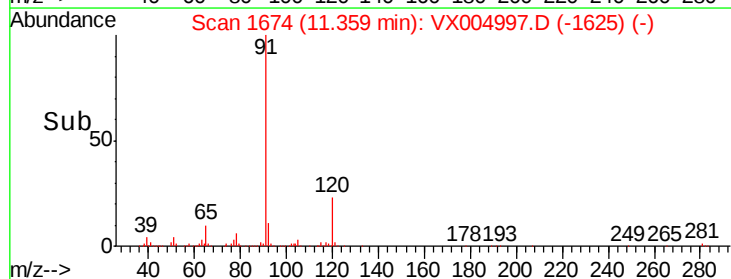
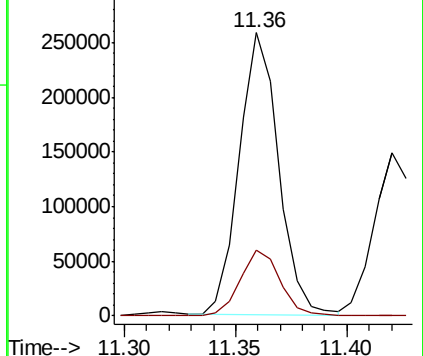
91 100

120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





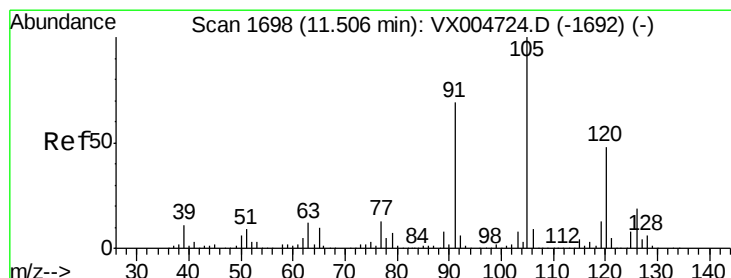
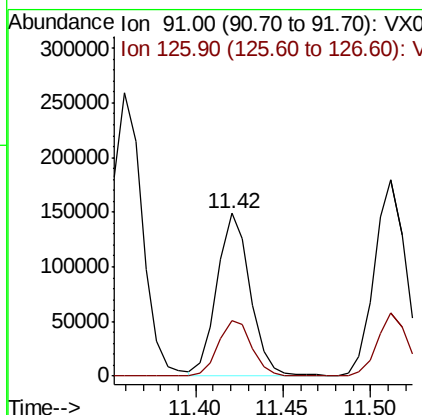
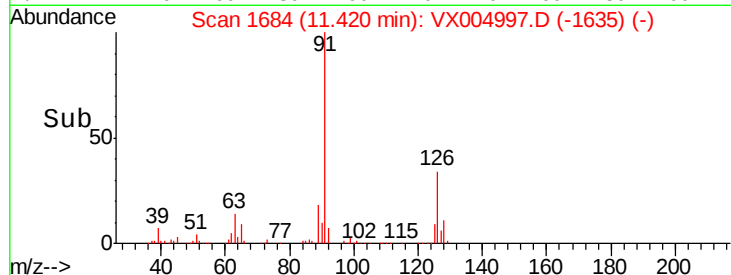
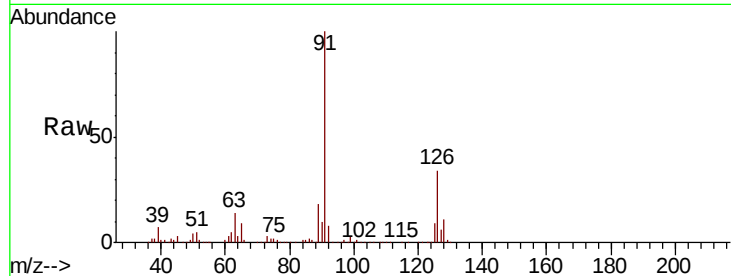
#79
 2-Chlorotoluene
 Concen: 20.518 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion: 91 Resp: 195154
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.6 52.9

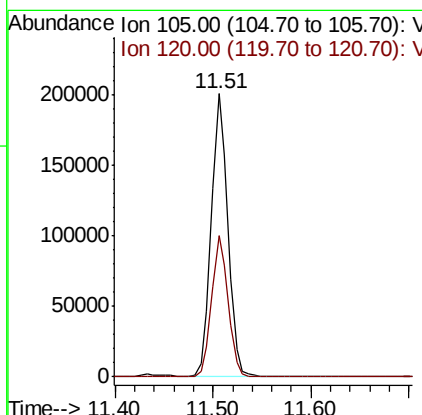
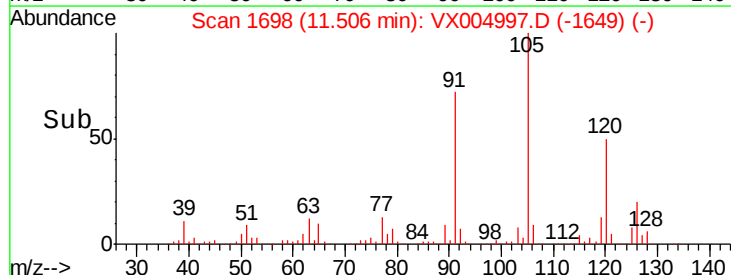
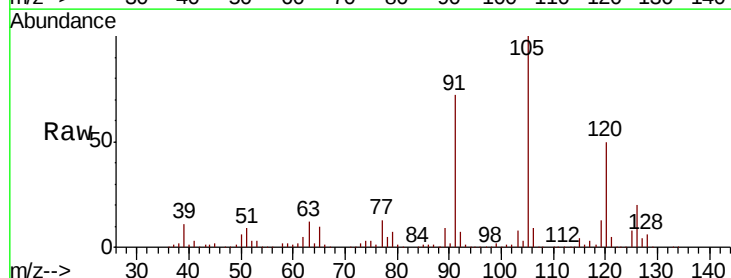
Manual Integrations
 APPROVED

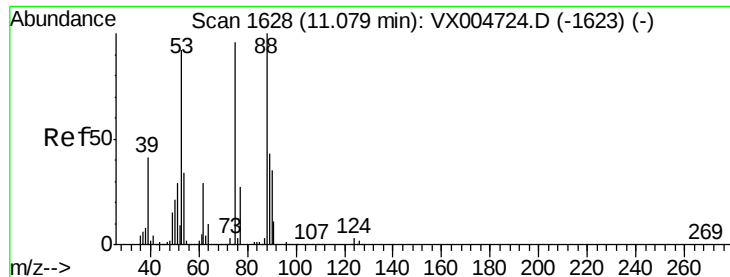
MMDadoda
 10/5/2018 3:24:48 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.301 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 105 Resp: 236742
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.3 72.8





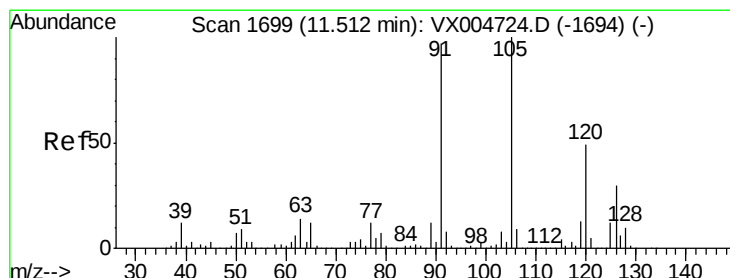
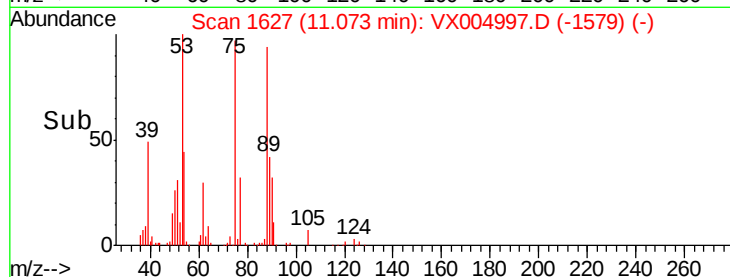
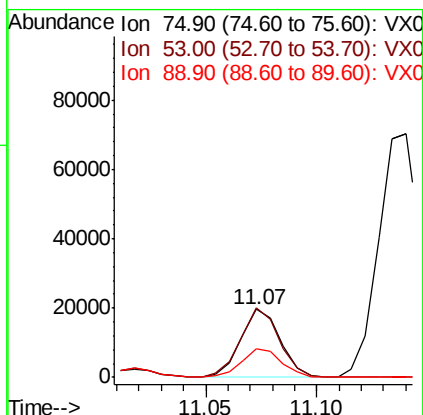
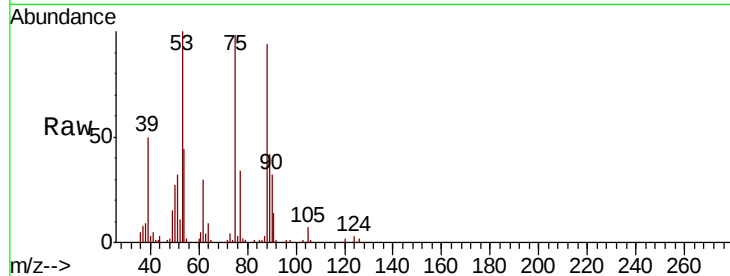
#81
trans-1,4-Dichloro-2-butene
Concen: 15.325 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.5	80.2	120.4
89	44.1	37.1	55.7

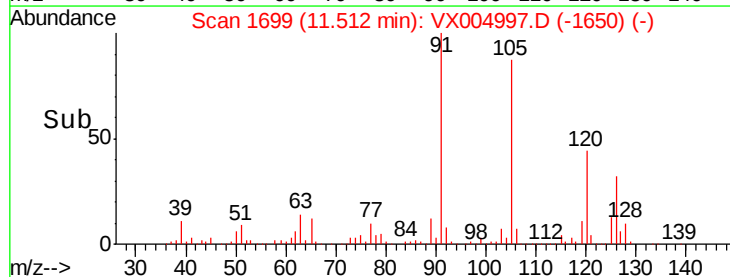
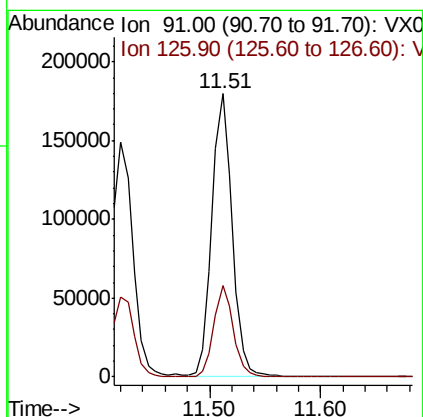
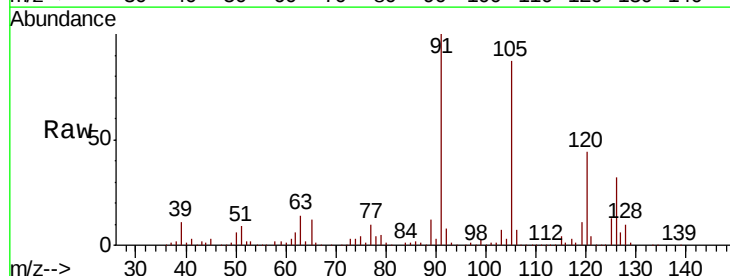
Manual Integrations
APPROVED

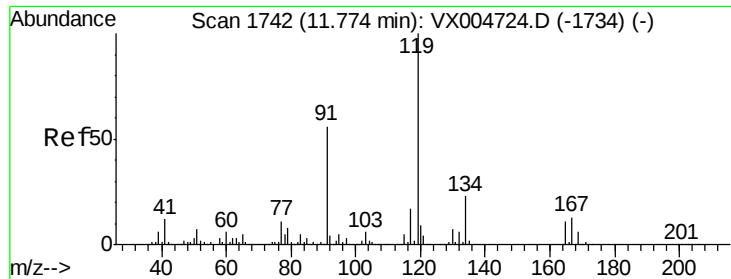
MMDadoda
10/5/2018 3:24:48 PM



#82
4-Chlorotoluene
Concen: 20.372 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.5	46.5





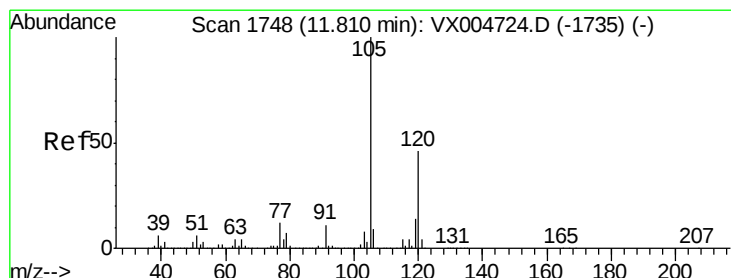
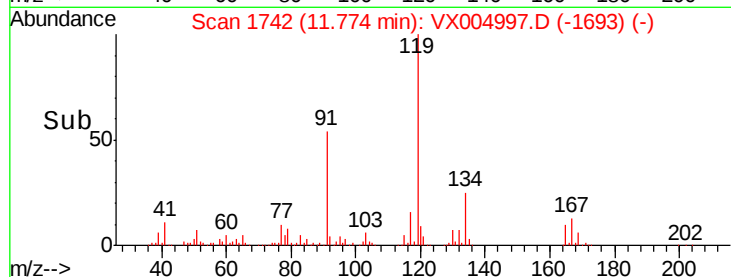
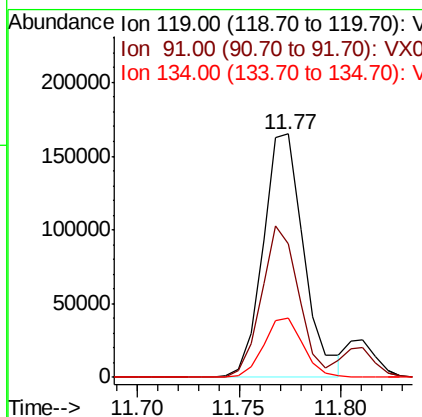
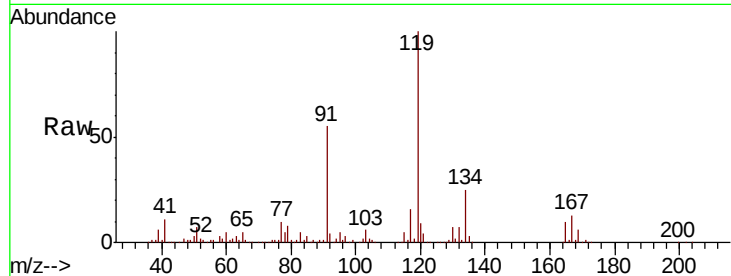
#83
tert-Butylbenzene
Concen: 21.003 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	229971		
91	56.7		27.5	82.5
134	23.7		11.5	34.4

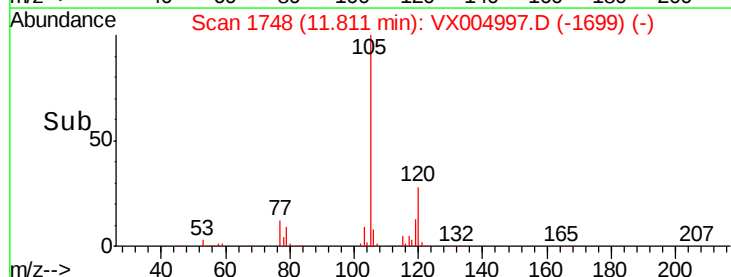
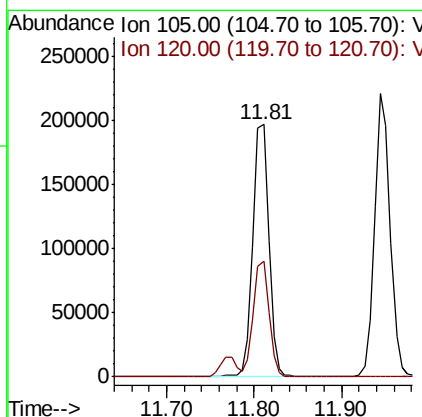
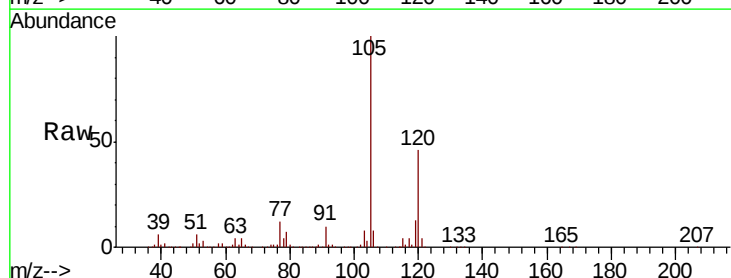
Manual Integrations
APPROVED

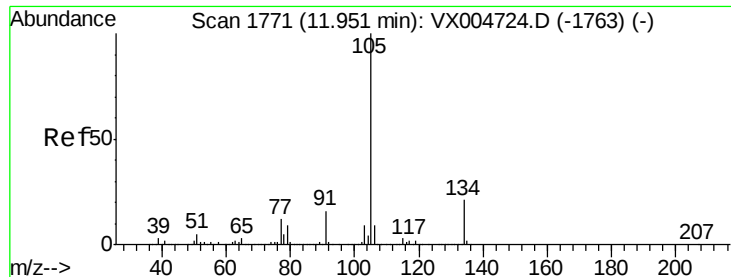
MMDadoda
10/5/2018 3:24:48 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.726 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249466		
120	45.1		22.8	68.3





#85

sec-Butylbenzene

Concen: 20.680 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

Tot Ion:105 Resp: 275808

Ion Ratio Lower Upper

105 100

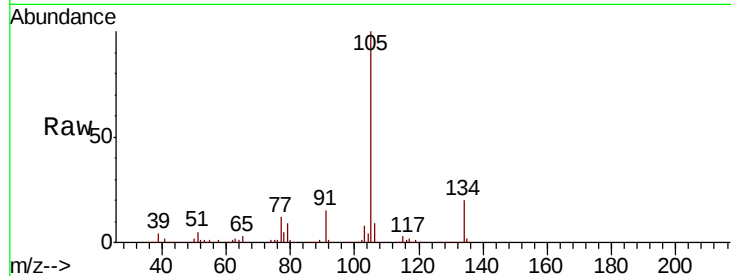
134 20.8 10.2 30.4

Manual Integrations

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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

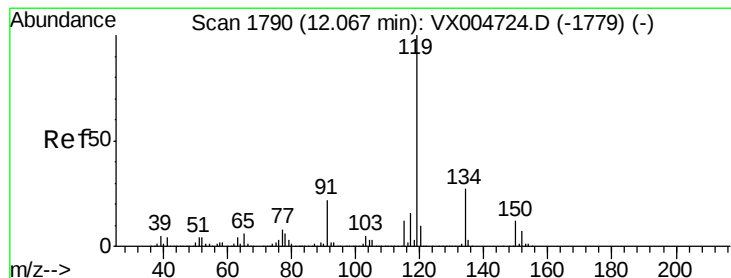
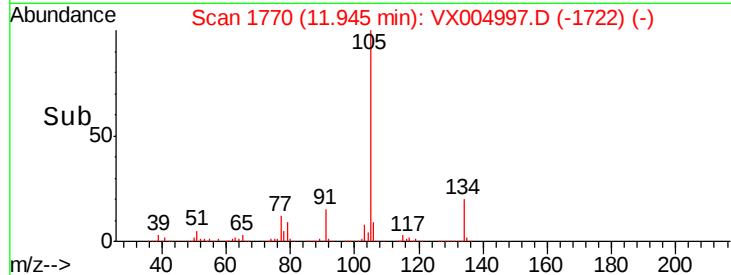
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.425 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

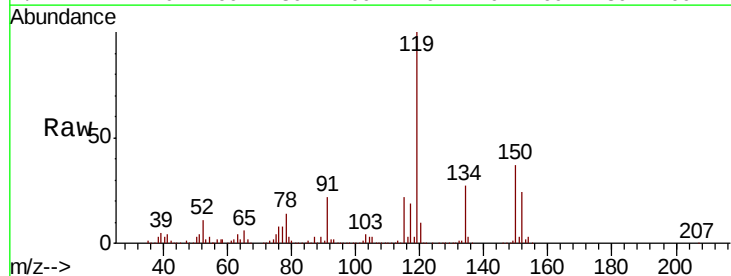
Tgt Ion:119 Resp: 246802

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.7 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

250000

200000

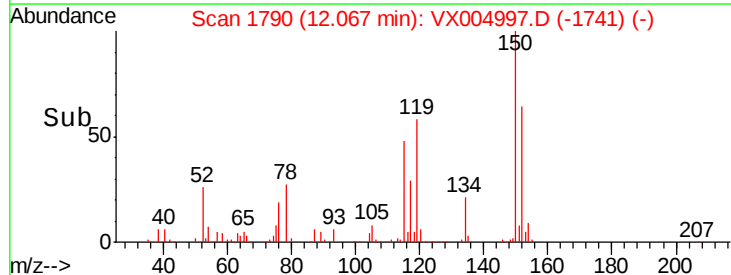
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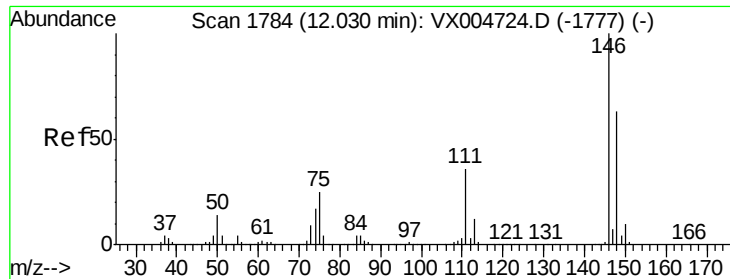
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50000

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Time-->





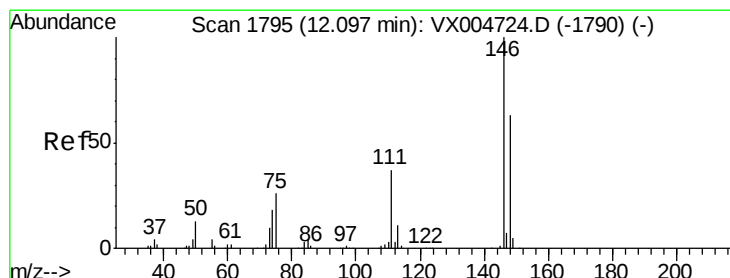
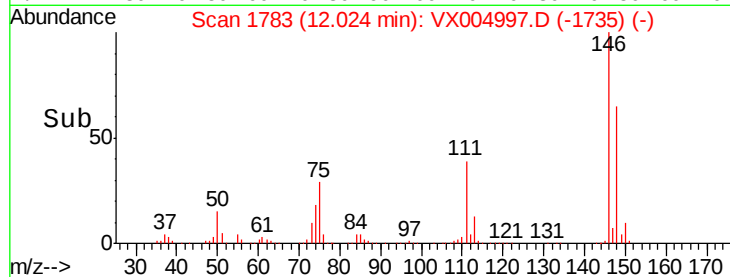
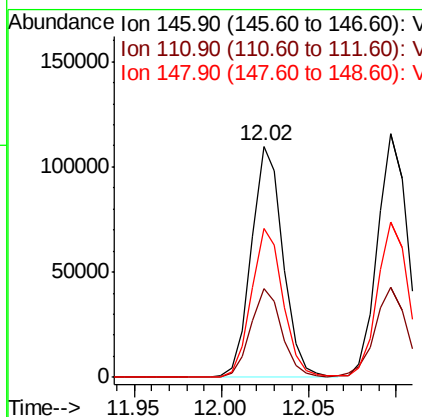
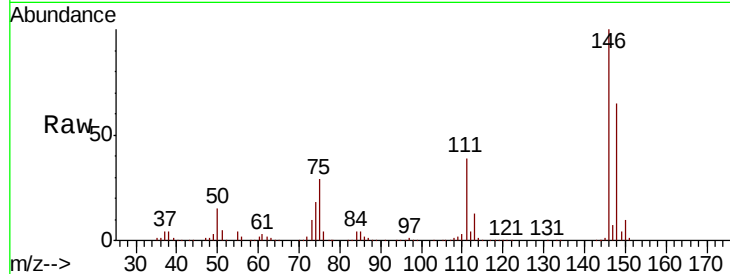
#87
 1,3-Dichlorobenzene
 Concen: 19.129 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	64.5	31.8	95.3

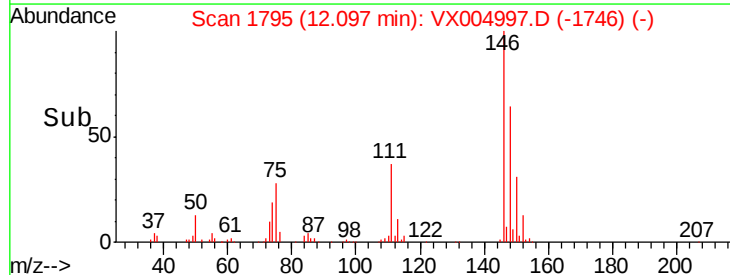
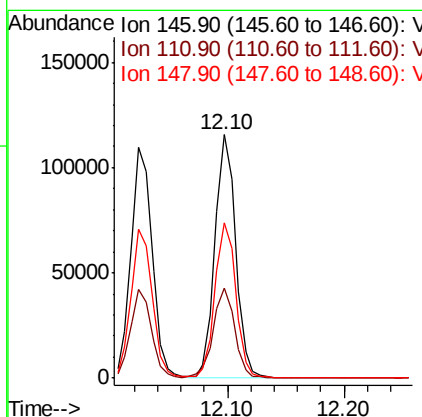
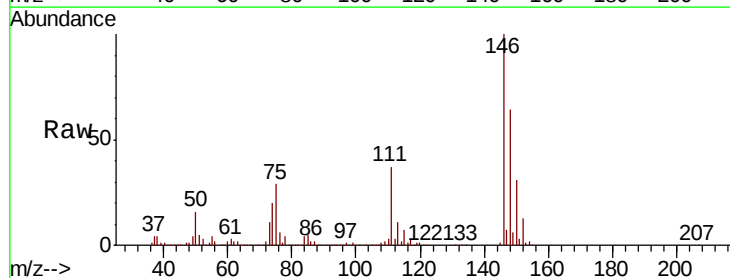
Manual Integrations
 APPROVED

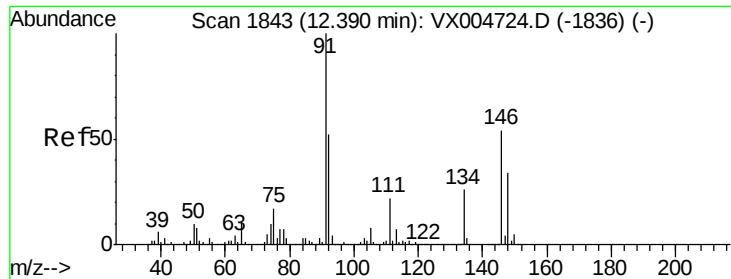
MMDadoda
 10/5/2018 3:24:48 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.948 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.4	55.2
148	64.9	32.0	96.0





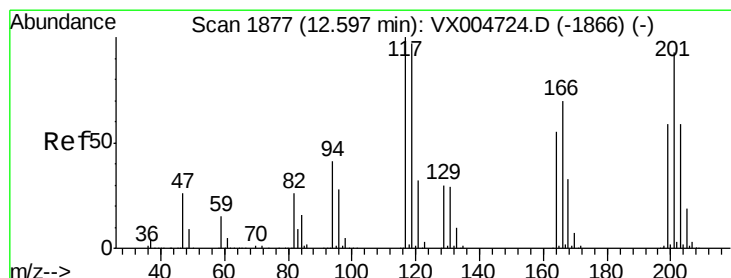
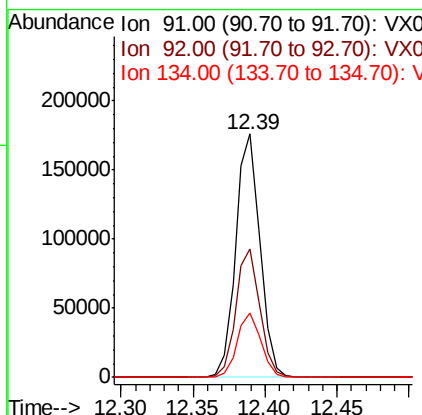
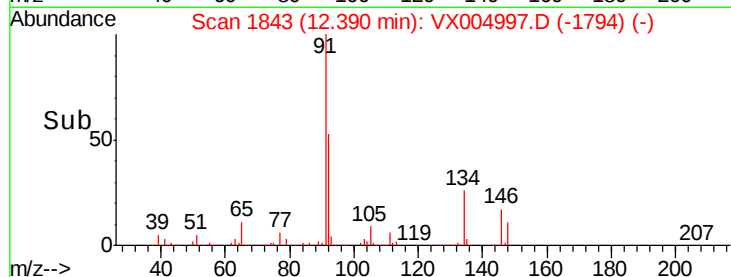
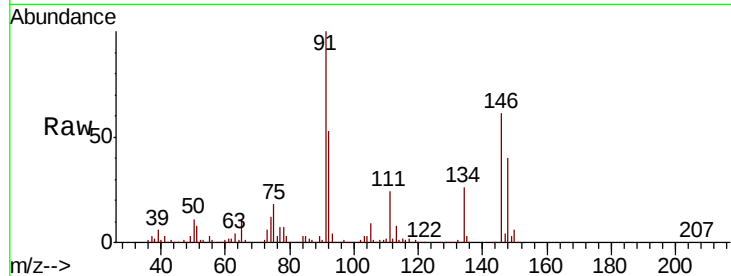
#89
n-Butylbenzene
Concen: 18.887 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	26.0	13.2	39.6

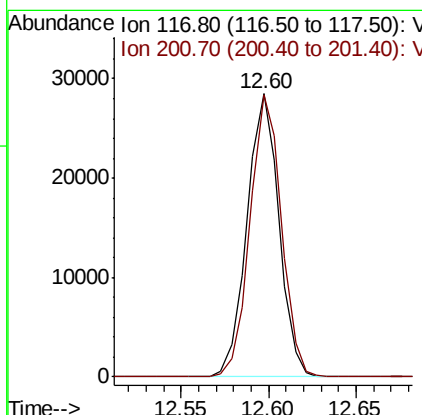
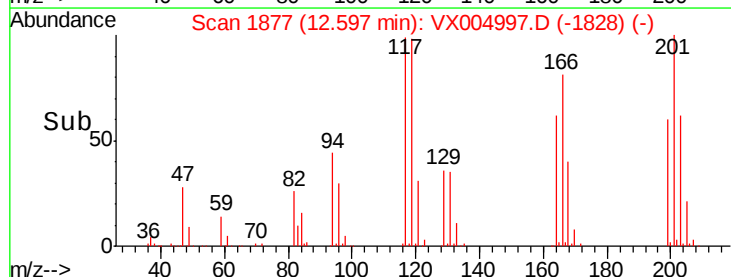
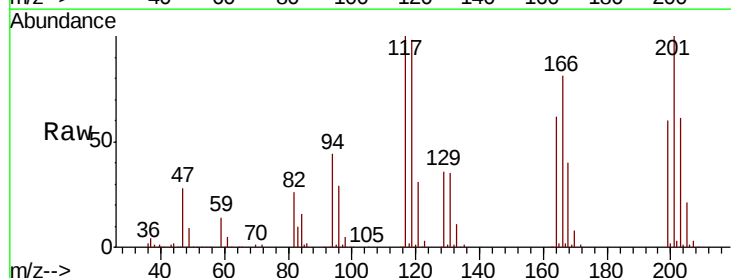
Manual Integrations
APPROVED

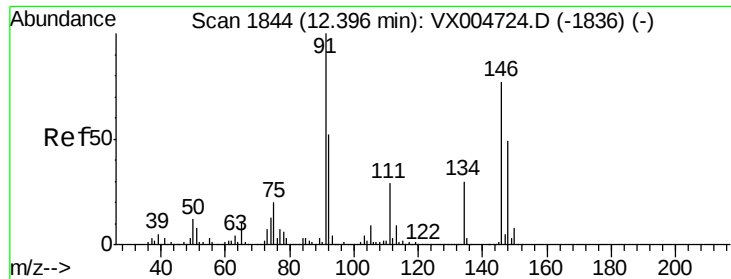
MMDadoda
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#90
Hexachloroethane
Concen: 17.921 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.7	48.4	145.0





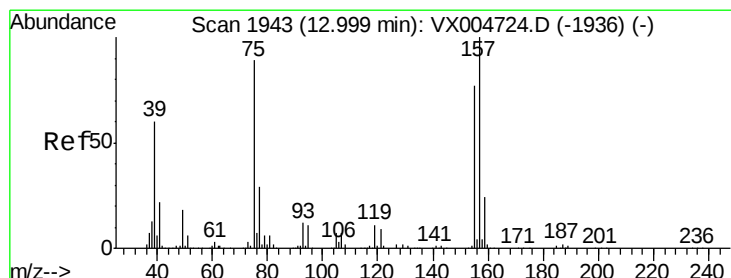
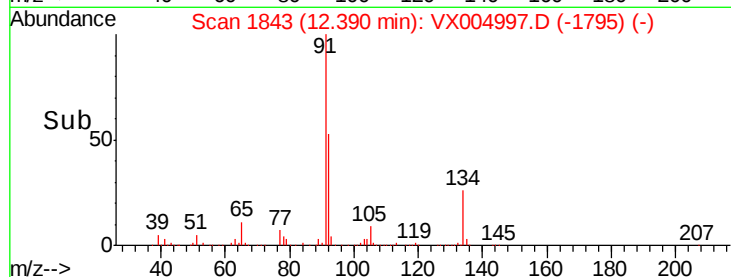
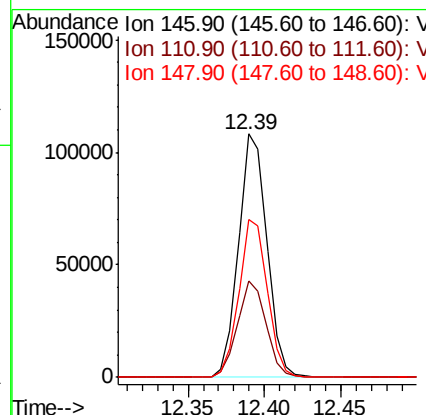
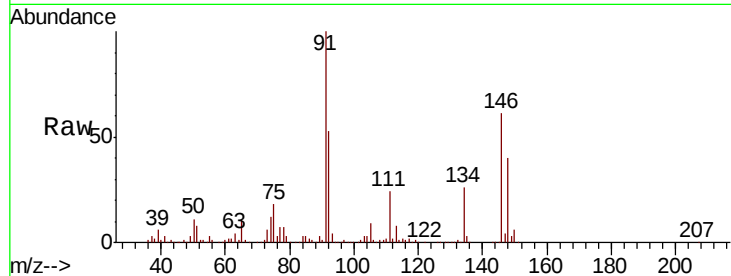
#91
 1,2-Dichlorobenzene
 Concen: 18.514 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.7	31.8	95.4

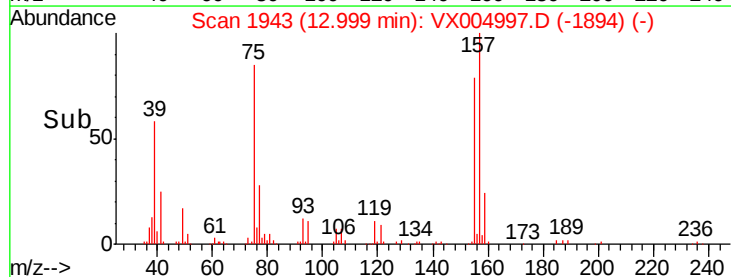
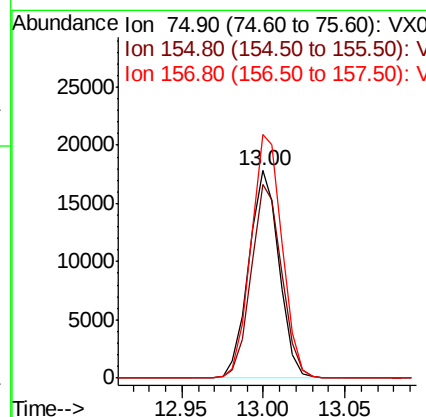
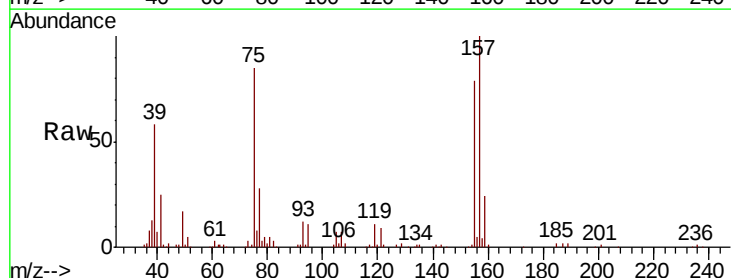
Manual Integrations
 APPROVED

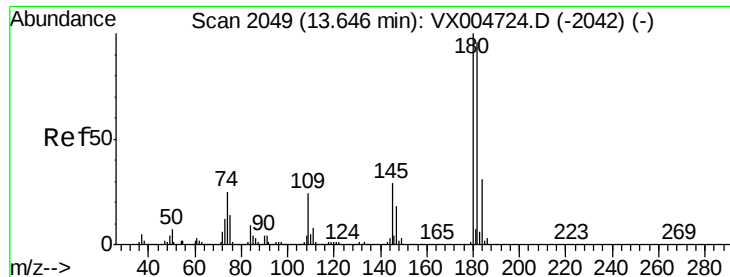
MMDadoda
 10/5/2018 3:24:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.428 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	46.1	138.3
157	120.2	60.2	180.6





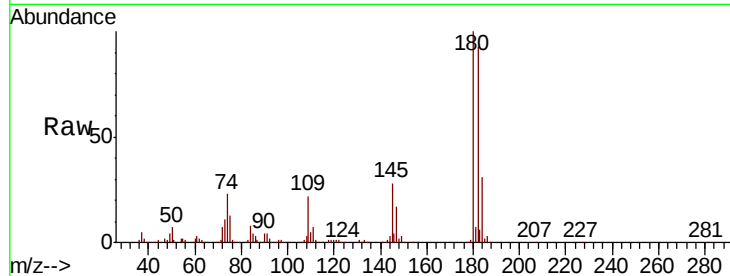
#93
 1,2,4-Trichlorobenzene
 Concen: 18.889 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.8	143.4	
145	28.0	14.1	42.4	

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:48 PM

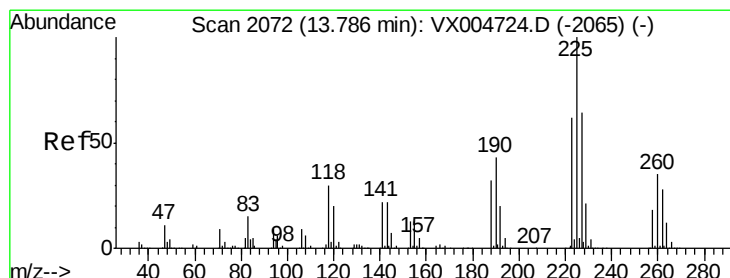
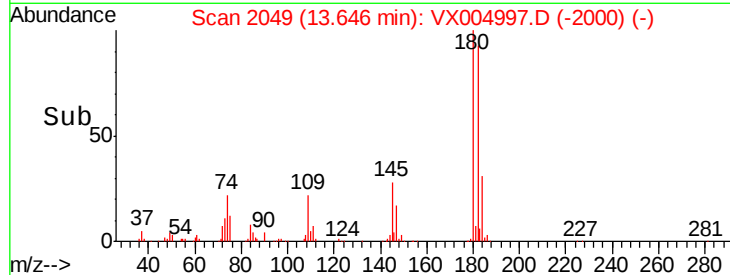
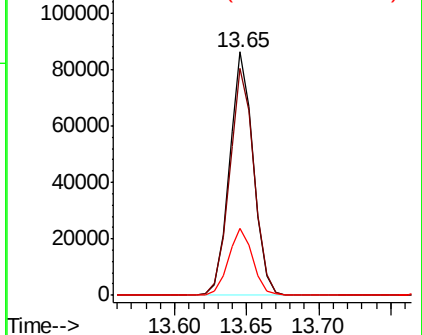


Abundance

Ion 179.80 (179.50 to 180.50): V

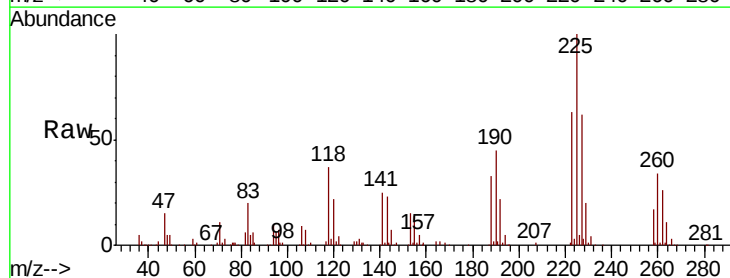
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.387 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	31.3	93.8	
227	64.1	31.9	95.5	

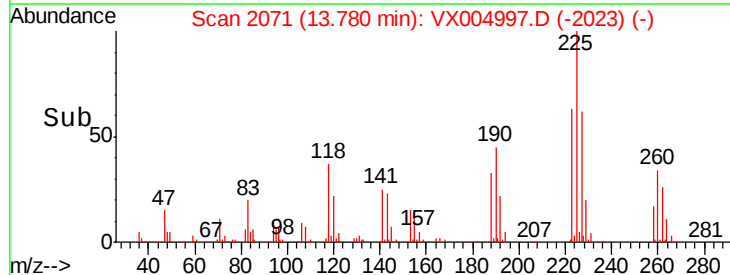
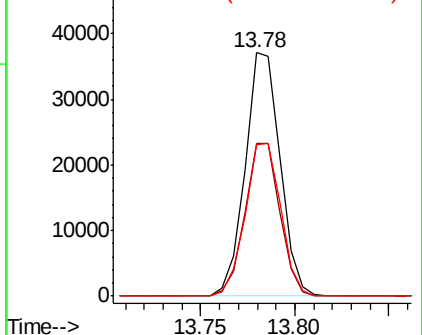


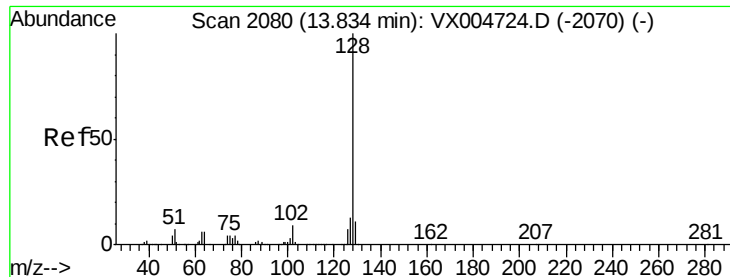
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.028 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

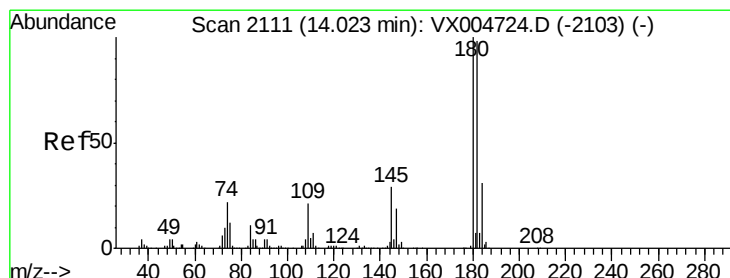
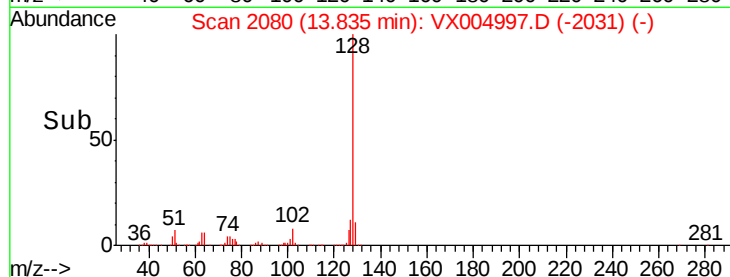
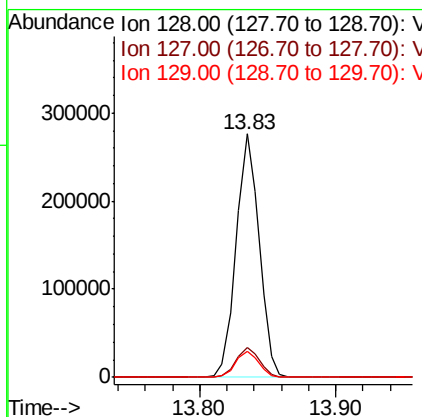
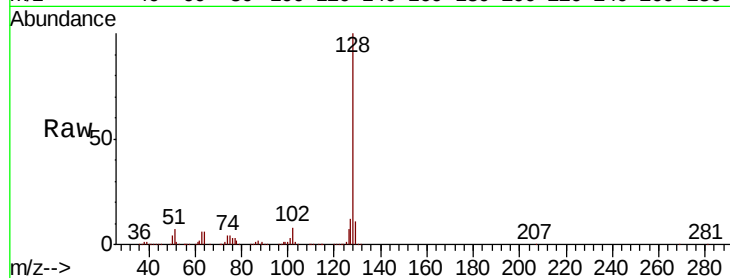
ClientSampleId :

VX1004WBS02

Tot Ion:	128	Resp:	326015
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/5/2018 3:24:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.009 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion:	180	Resp:	103833
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.9	143.8
145	30.5	15.0	45.0

