

Data File : VX008772.D
Acq On : 09 Apr 2019 15:48
Operator : JC/SP
Sample : VX0409WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Manual Integrations
APPROVED

MMDadoda
4/10/2019 10:05:17 AM

Quant Time: Apr 09 16:53:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129628	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	5.50	113	95522	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.71	98	380250	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	132599	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31841	15.510	ug/l	99
3) Chloromethane	1.32	50	45088	16.799	ug/l	99
4) Vinyl Chloride	1.41	62	45061	16.237	ug/l	99
5) Bromomethane	1.64	94	25059	19.524	ug/l	98
6) Chloroethane	1.71	64	28095	16.509	ug/l	99
7) Trichlorofluoromethane	1.93	101	53242	17.355	ug/l	100
8) Diethyl Ether	2.19	74	25611	17.605	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34786	17.612	ug/l	98
10) Methyl Iodide	2.51	142	32577	20.663	ug/l	99
11) Tert butyl alcohol	3.06	59	58937	96.777	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35329	17.135	ug/l	99
13) Acrolein	2.29	56	38027	125.928	ug/l	99
14) Allyl chloride	2.73	41	83546	17.700	ug/l	98
15) Acrylonitrile	3.15	53	150210	93.105	ug/l	100
16) Acetone	2.45	43	138402	92.374	ug/l	97
17) Carbon Disulfide	2.57	76	96905	15.769	ug/l	99
18) Methyl Acetate	2.78	43	69423	19.105	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	138145	18.761	ug/l	98
20) Methylene Chloride	2.85	84	42316	16.873	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	37962	17.022	ug/l	98
22) Diisopropyl ether	3.85	45	167712	18.435	ug/l	# 87
23) Vinyl Acetate	3.82	43	739158	93.395	ug/l	100
24) 1,1-Dichloroethane	3.70	63	81079	18.000	ug/l	99
25) 2-Butanone	4.68	43	226896	95.815	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57039	17.979	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45672	17.812	ug/l	99
28) Bromochloromethane	5.01	49	39730	19.255	ug/l	99
29) Tetrahydrofuran	5.13	42	148851	94.704	ug/l	99
30) Chloroform	5.21	83	73301	18.220	ug/l	97
31) Cyclohexane	5.58	56	76707	17.067	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	59529	18.311	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55436	16.985	ug/l	99
37) Ethyl Acetate	4.84	43	81769	18.770	ug/l	97
38) Carbon Tetrachloride	5.79	117	47739	17.672	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68921	17.094	ug/l	98
40) Benzene	6.14	78	173282	17.821	ug/l	99
41) Methacrylonitrile	5.04	41	47202	18.850	ug/l	99
42) 1,2-Dichloroethane	6.20	62	62371	17.893	ug/l	99
43) Isopropyl Acetate	6.45	43	128528	18.834	ug/l	100
44) Trichloroethene	7.21	130	40079	17.698	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49428	17.810	ug/l	98
46) Dibromomethane	7.66	93	27951	17.365	ug/l	98
47) Bromodichloromethane	7.90	83	54642	18.005	ug/l	99
48) Methyl methacrylate	7.77	41	64721	18.748	ug/l	98
49) 1,4-Dioxane	7.74	88	23913	369.779	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	425773	96.918	ug/l	100
52) Toluene	8.79	92	103745	18.098	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61583	18.115	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	69089	17.786	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42717	18.565	ug/l	99
56) Ethyl methacrylate	9.18	69	77651	18.651	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77132	18.668	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	201276	94.681	ug/l	100
59) 2-Hexanone	9.49	43	328225	96.138	ug/l	99
60) Dibromochloromethane	9.58	129	39711	18.315	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43217	18.041	ug/l	98
64) Tetrachloroethene	9.34	164	35990	18.651	ug/l	99
65) Chlorobenzene	10.14	112	105117	18.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	37261	18.397	ug/l	98
67) Ethyl Benzene	10.25	91	191513	17.790	ug/l	100
68) m/p-Xylenes	10.36	106	136597	35.290	ug/l	100
69) o-Xylene	10.69	106	67513	17.998	ug/l	98
70) Styrene	10.71	104	117523	18.175	ug/l	100
71) Bromoform	10.85	173	28017	18.112	ug/l #	100
73) Isopropylbenzene	11.02	105	181166	18.680	ug/l	100
74) N-amyl acetate	10.90	43	106145	18.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70074	18.999	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60376m	18.781	ug/l	
77) Bromobenzene	11.26	156	43366	18.600	ug/l	99
78) n-propylbenzene	11.36	91	206165	18.257	ug/l	99
79) 2-Chlorotoluene	11.42	91	123418	18.060	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	151583	18.620	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21605	18.525	ug/l	94
82) 4-Chlorotoluene	11.51	91	140929	17.816	ug/l	99
83) tert-Butylbenzene	11.77	119	141801	18.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154608	18.756	ug/l	99
85) sec-Butylbenzene	11.94	105	171869	18.474	ug/l	98
86) p-Isopropyltoluene	12.06	119	155142	18.580	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74885	17.942	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	74826	17.704	ug/l	99
89) n-Butylbenzene	12.38	91	142653	18.217	ug/l	100
90) Hexachloroethane	12.60	117	24867	17.956	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	74616	18.005	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14637	18.040	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Quantitation Report (QT Reviewed)

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51550	17.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	26192	18.954	ug/l	99
95) Naphthalene	13.83	128	176829	18.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52322	18.175	ug/l	98

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

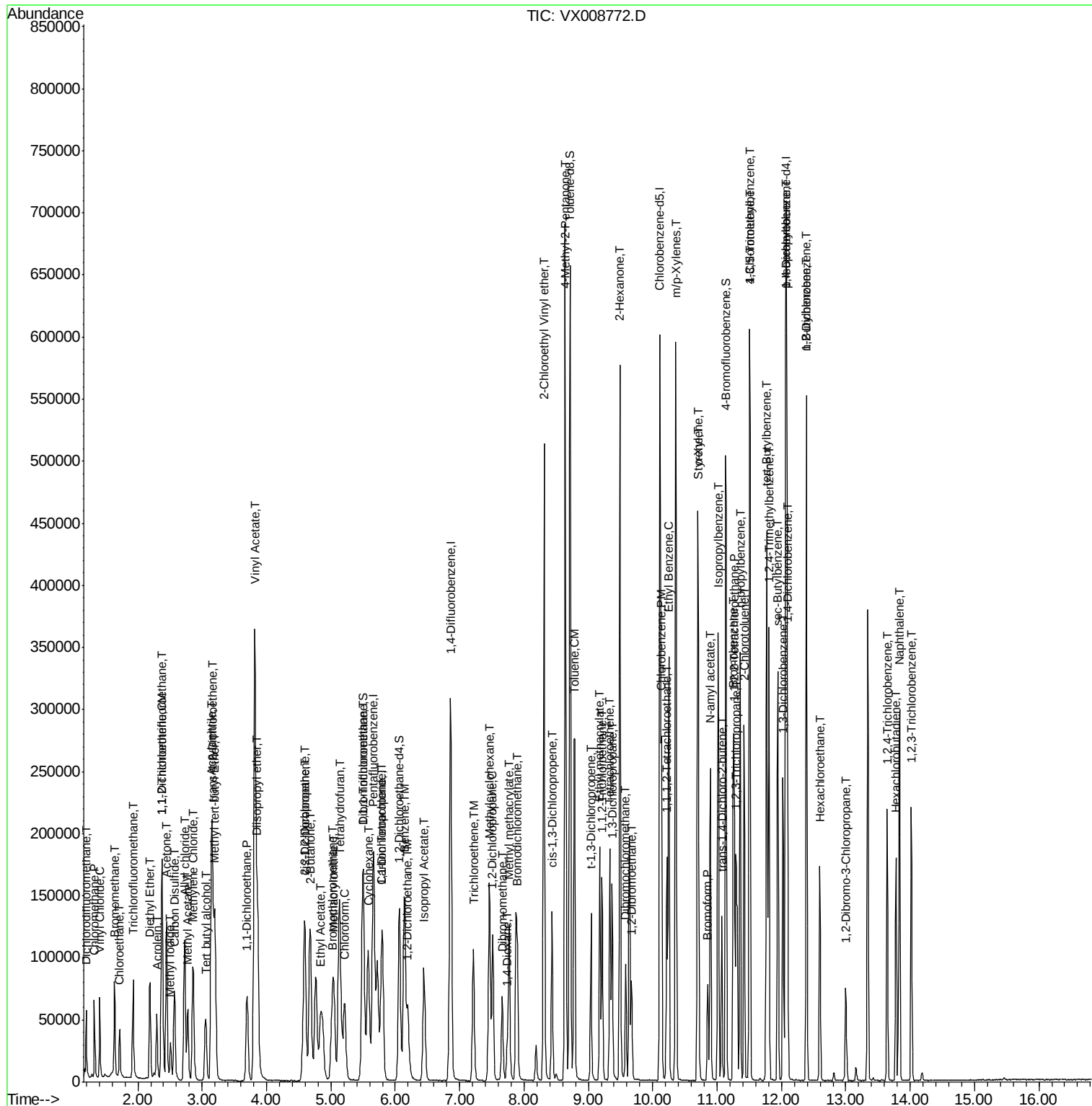
Data File : VX008772.D
Acq On : 09 Apr 2019 15:48
Operator : JC/SP
Sample : VX0409WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

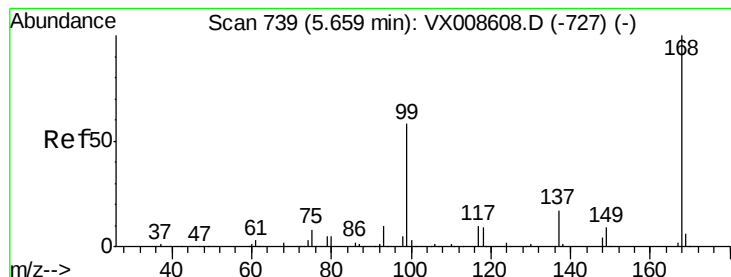
Instrument :
MSVOA_X
Client Sampled :
VX0409WBS02

Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

Tgt Ion:168 Resp: 178348

Ion Ratio Lower Upper

168 100

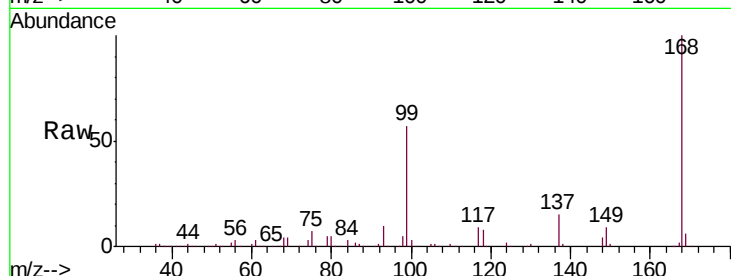
99 56.4 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

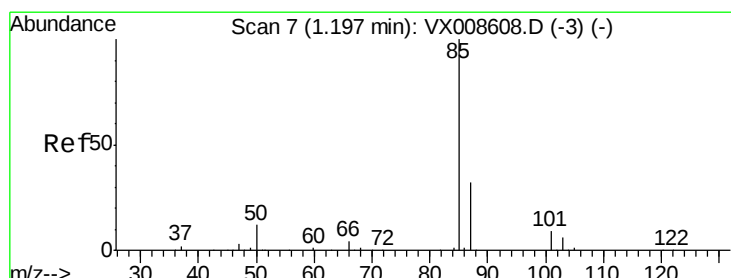
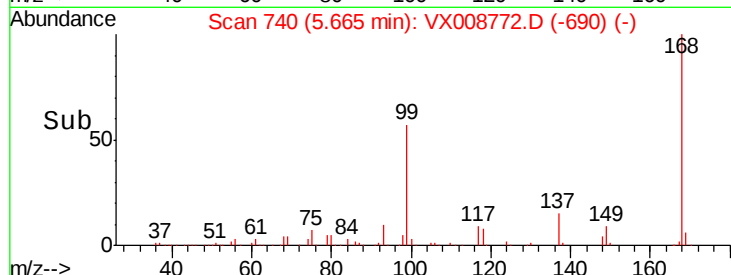
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.510 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008772.D

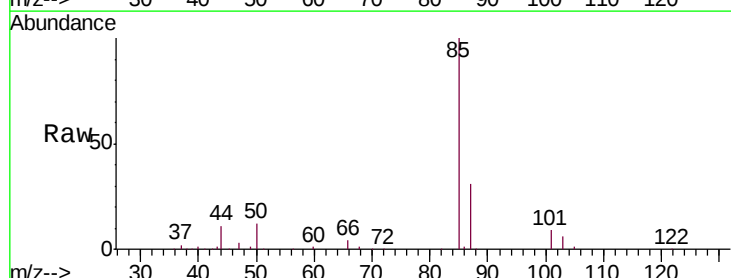
Acq: 09 Apr 2019 15:48

Tgt Ion: 85 Resp: 31841

Ion Ratio Lower Upper

85 100

87 30.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

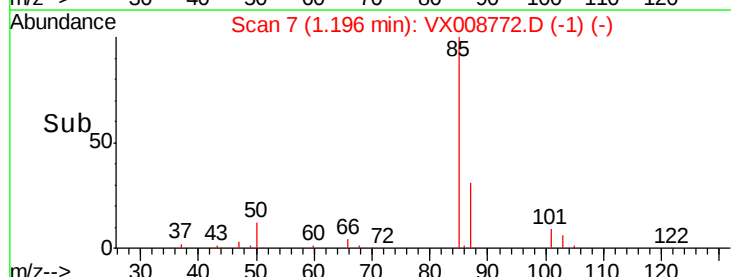
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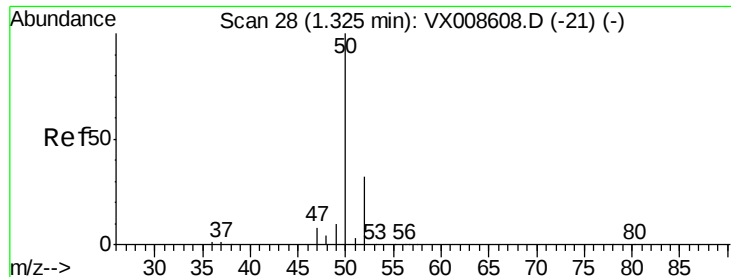
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.799 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

Tgt Ion: 50 Resp: 45088

Ion Ratio Lower Upper

50 100

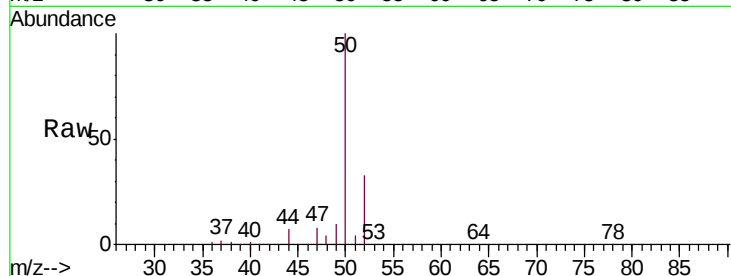
52 32.7 25.8 38.8

Manual Integrations

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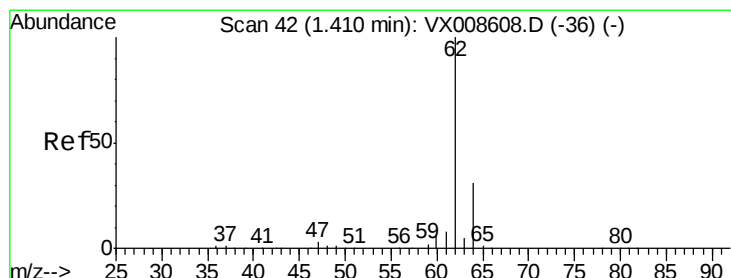
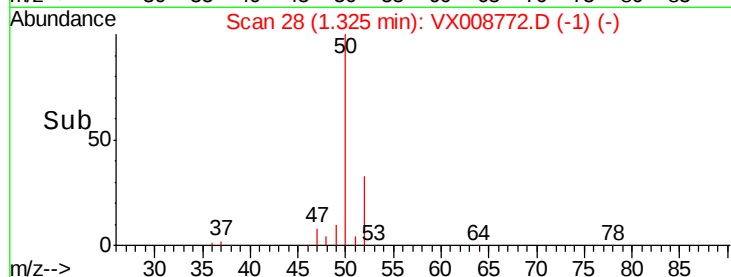
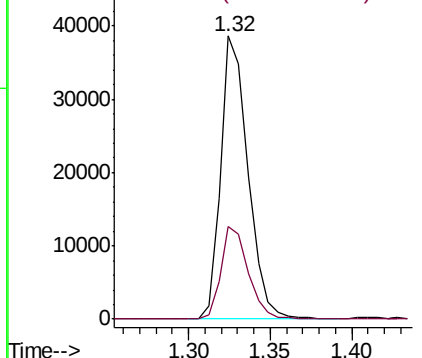
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.237 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008772.D

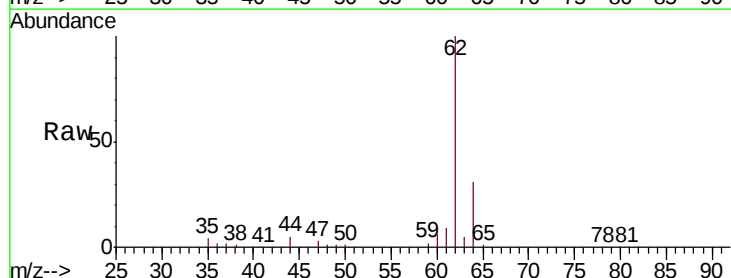
Acq: 09 Apr 2019 15:48

Tgt Ion: 62 Resp: 45061

Ion Ratio Lower Upper

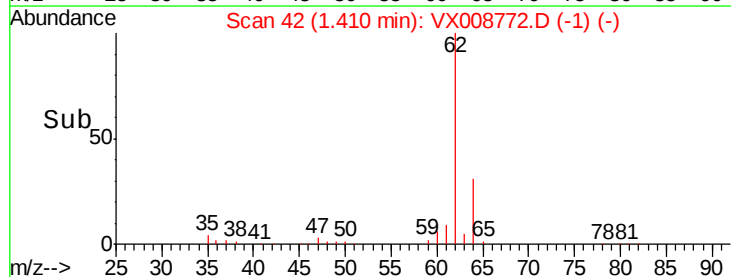
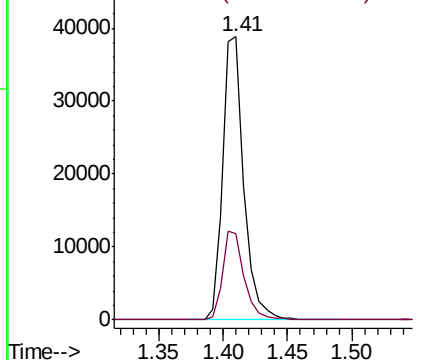
62 100

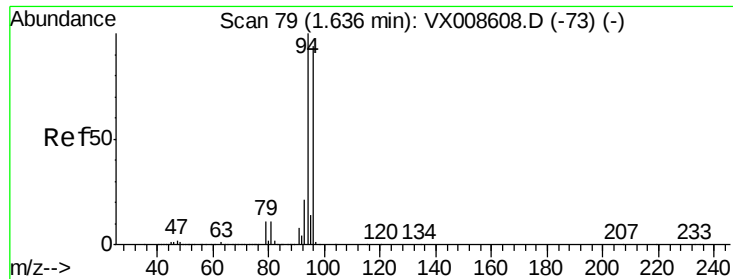
64 30.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.524 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

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ClientSampleId :

VX0409WBS02

Tgt Ion: 94 Resp: 25059

Ion Ratio Lower Upper

94 100

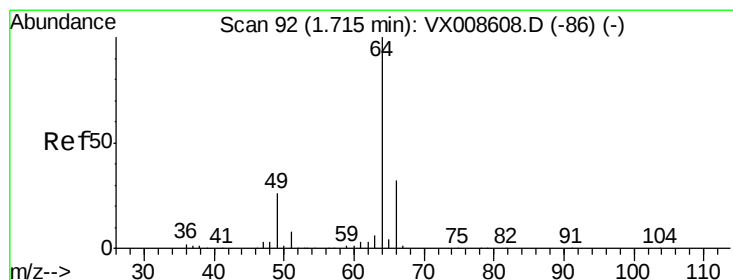
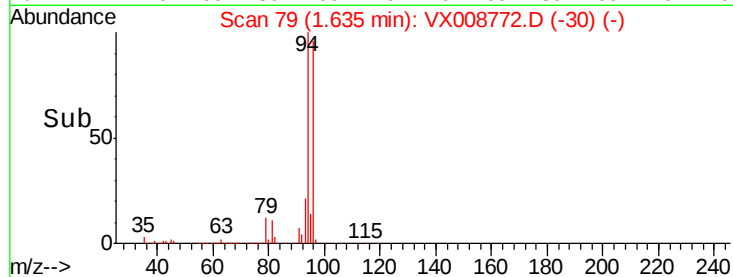
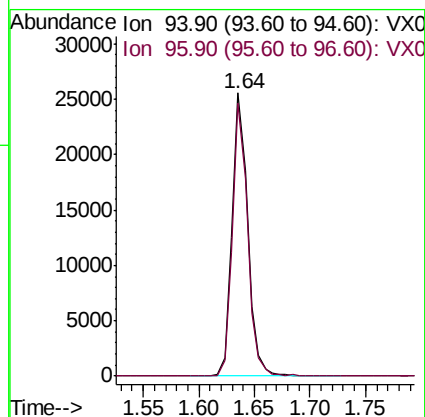
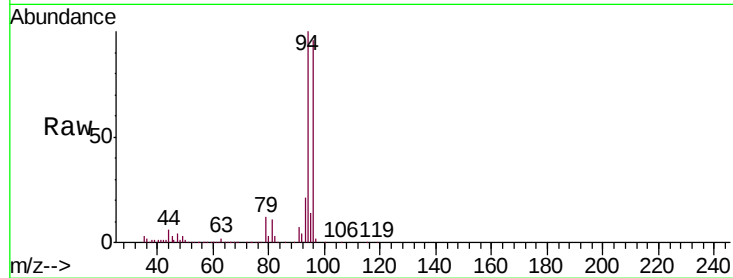
96 96.4 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 16.509 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008772.D

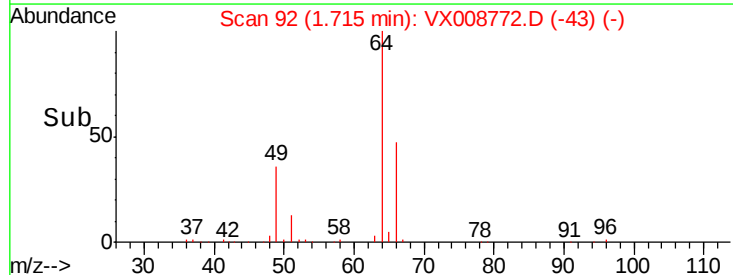
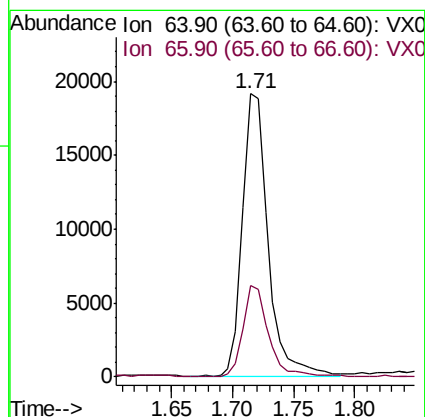
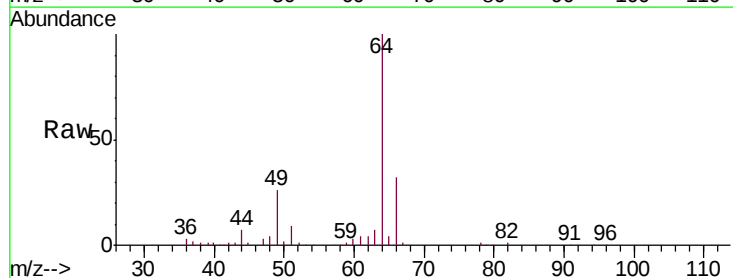
Acq: 09 Apr 2019 15:48

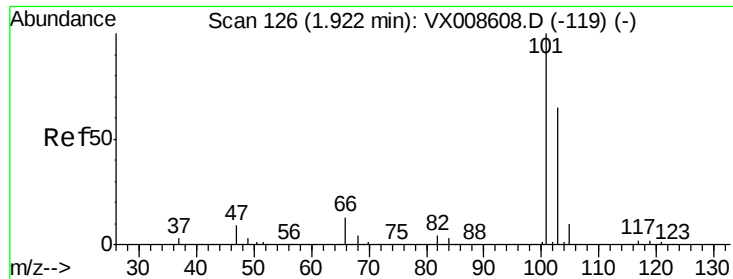
Tgt Ion: 64 Resp: 28095

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0





#7

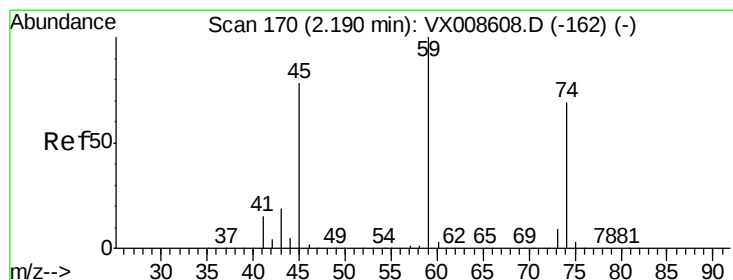
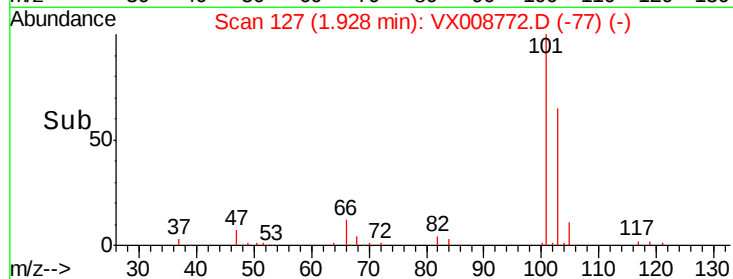
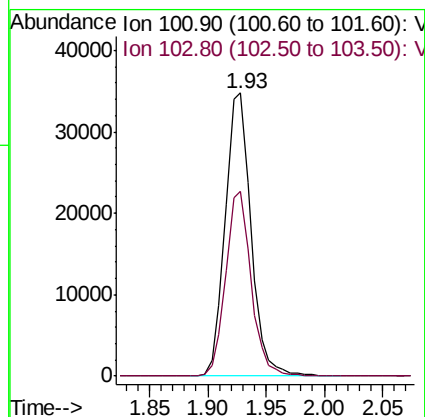
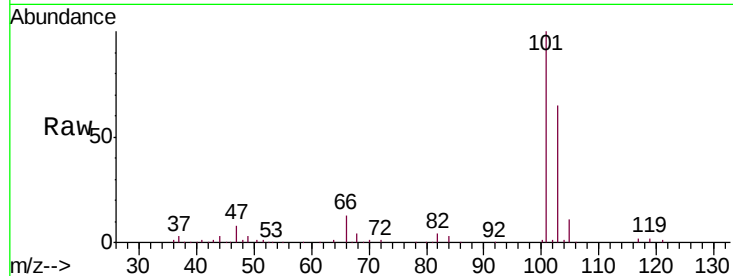
Trichlorofluoromethane
 Concen: 17.355 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion: 101 Resp: 53242
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

Manual Integrations
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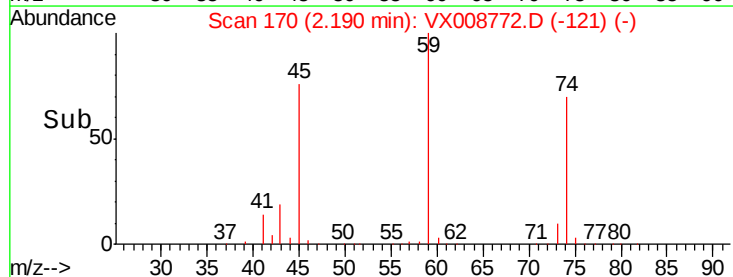
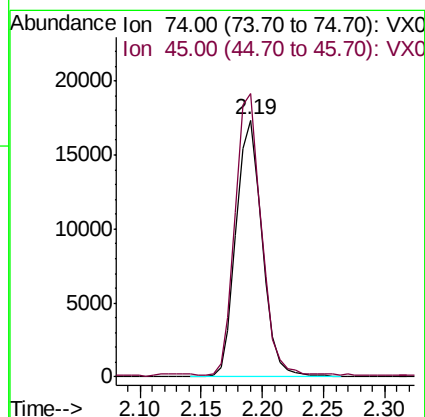
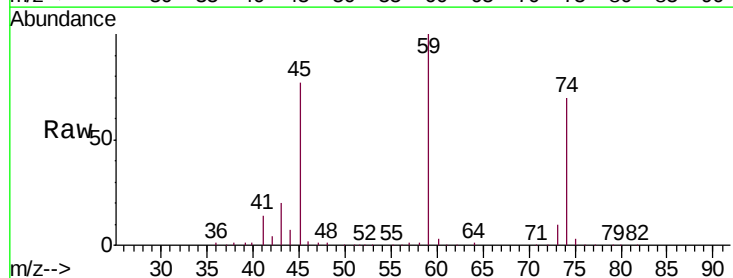
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 4/10/2019 10:05:17 AM



#8

Diethyl Ether
 Concen: 17.605 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 74 Resp: 25611
 Ion Ratio Lower Upper
 74 100
 45 109.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.612 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008772.D

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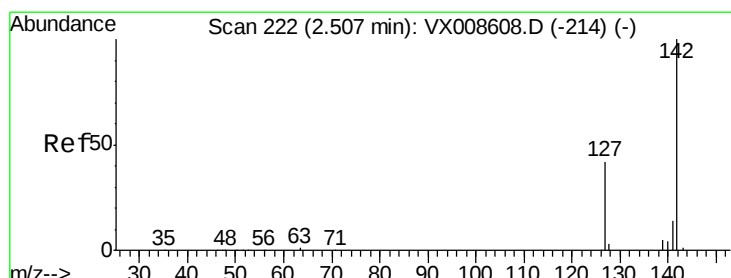
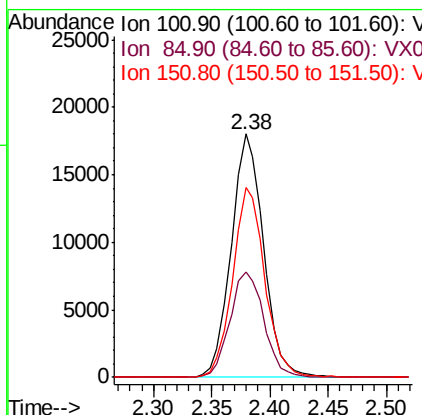
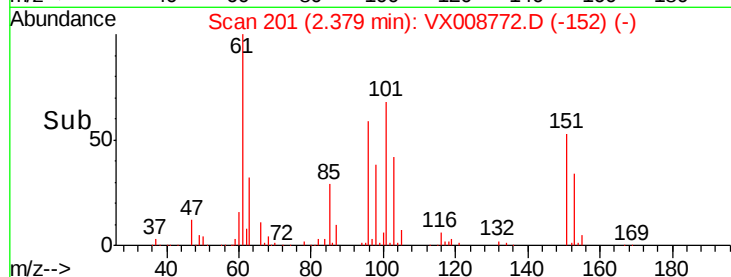
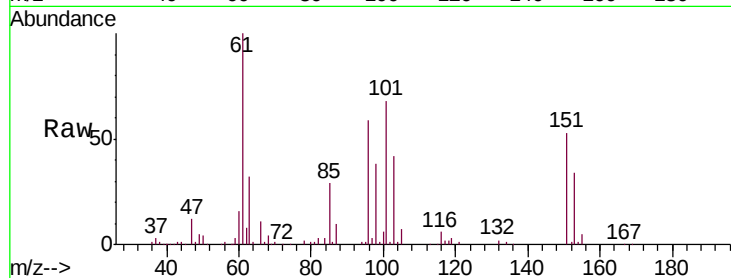
ClientSampleId :

VX0409WBS02

Tgt Ion:	101	Resp:	34786
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.0	54.0
151	77.9	59.9	89.9

Manual Integrations
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MMDadoda
4/10/2019 10:05:17 AM



#10

Methyl Iodide

Concen: 20.663 ug/l

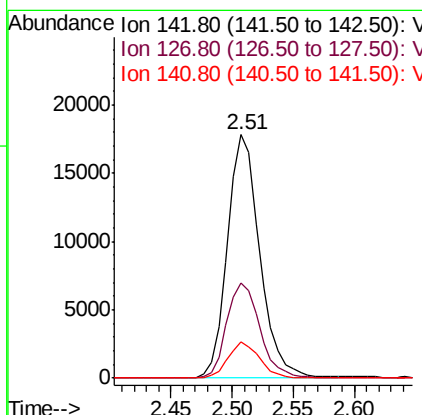
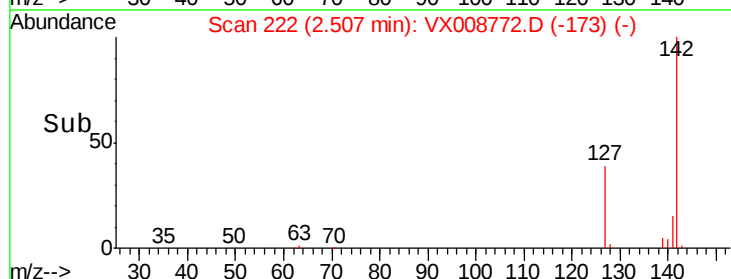
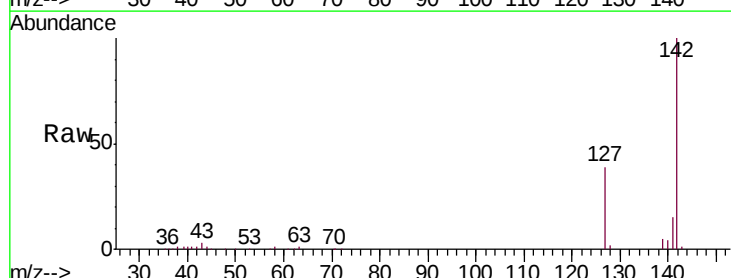
RT: 2.51 min Scan# 222

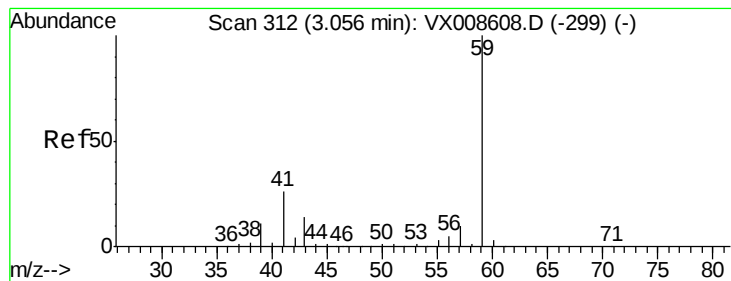
Delta R.T. 0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Tgt Ion:	142	Resp:	32577
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.0	49.6
141	14.3	11.4	17.2





#11

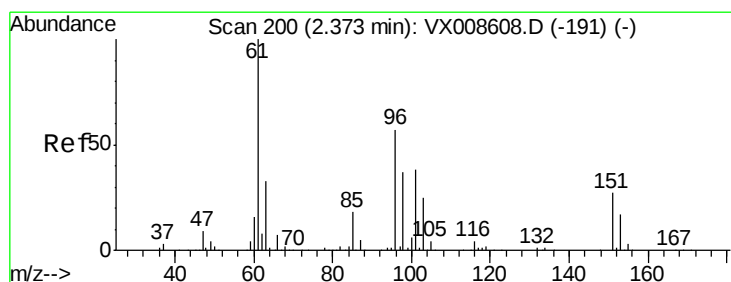
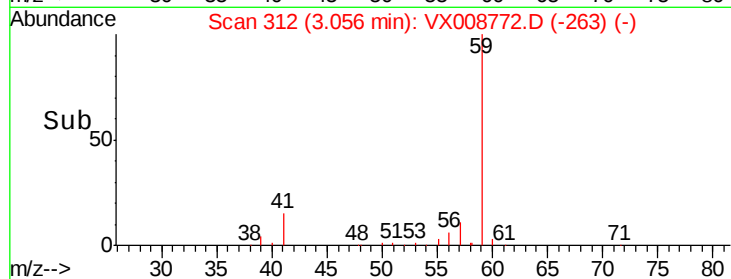
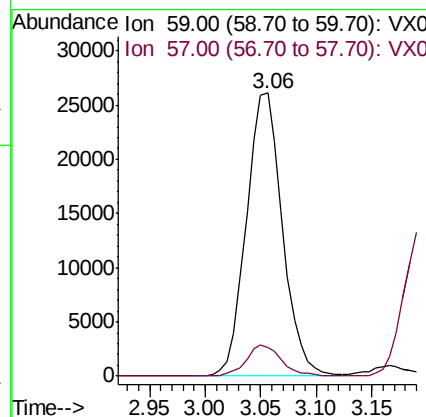
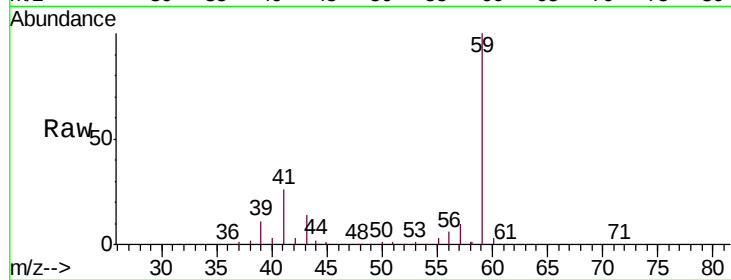
Tert butyl alcohol
 Concen: 96.777 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.3	12.5

Manual Integrations
 APPROVED

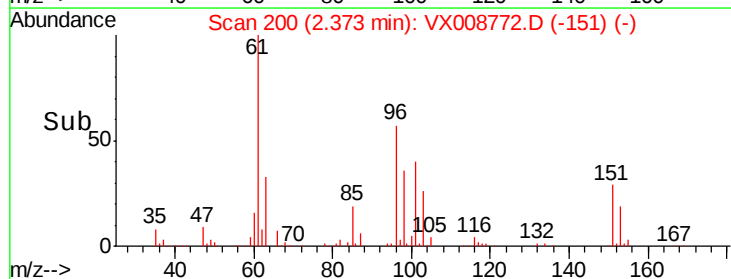
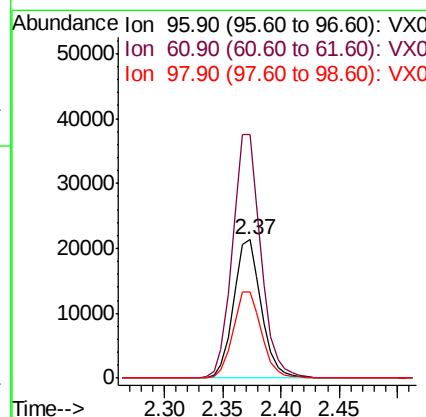
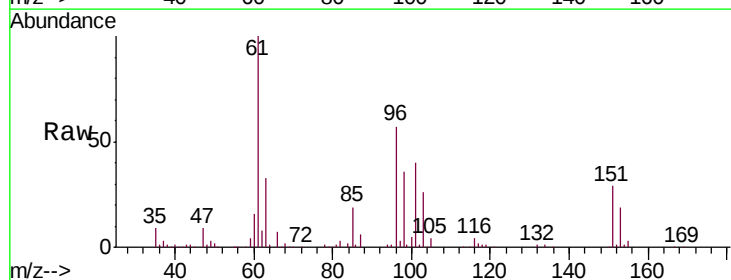
MMDadoda
 4/10/2019 10:05:17 AM

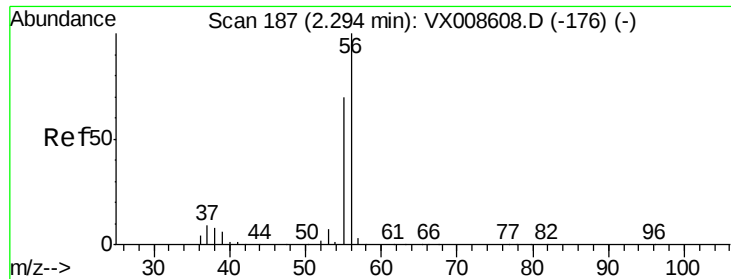


#12

1,1-Dichloroethene
 Concen: 17.135 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.0	140.9	211.3
98	62.6	52.1	78.1





#13

Acrolein

Concen: 125.928 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

Tgt Ion: 56 Resp: 38027

Ion Ratio Lower Upper

56 100

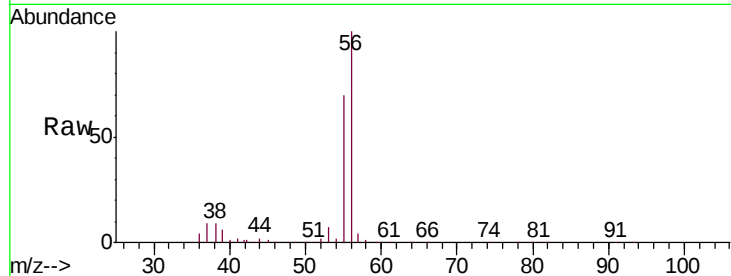
55 71.8 58.0 87.0

Manual Integrations

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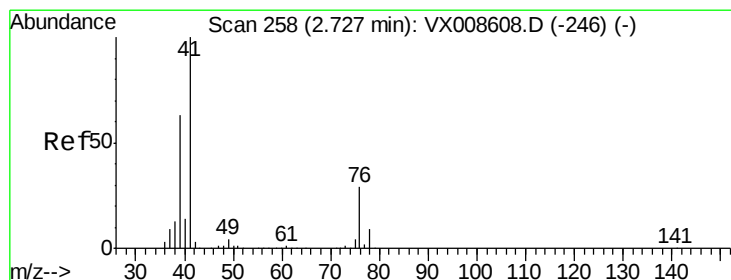
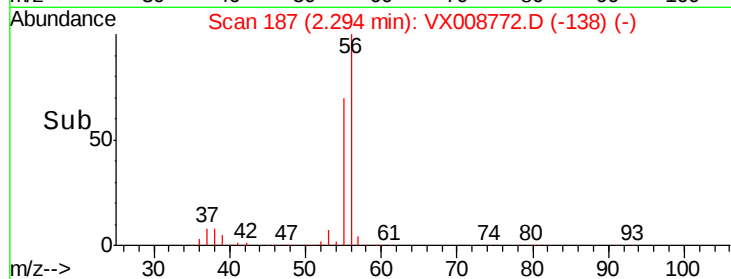
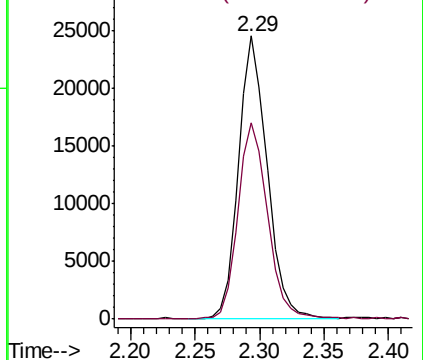
MMDadoda

4/10/2019 10:05:17 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.700 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

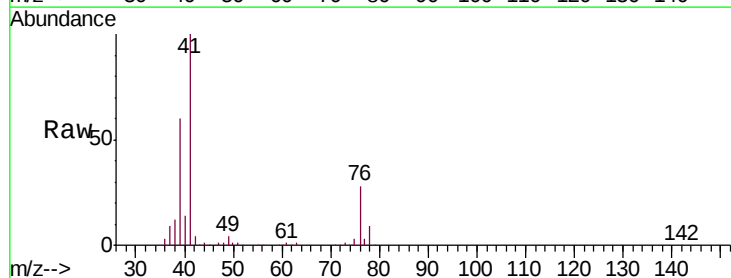
Tgt Ion: 41 Resp: 83546

Ion Ratio Lower Upper

41 100

39 58.6 48.0 72.0

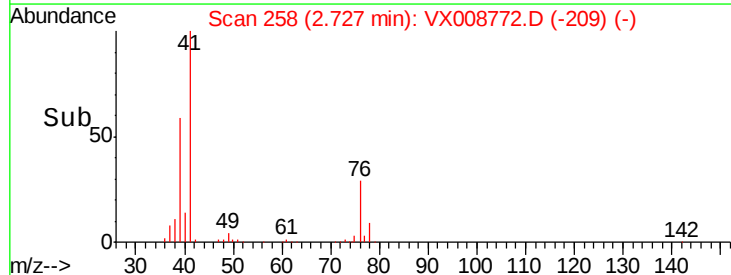
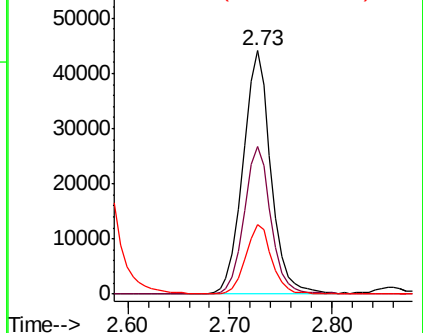
76 27.1 22.0 33.0

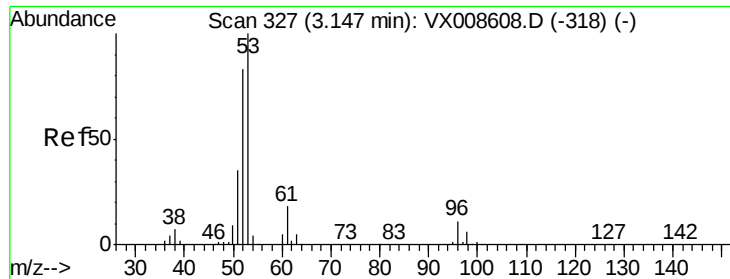


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





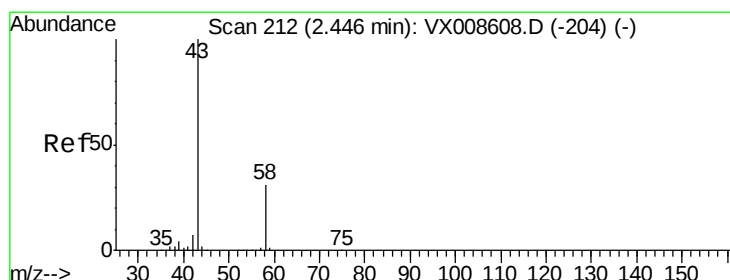
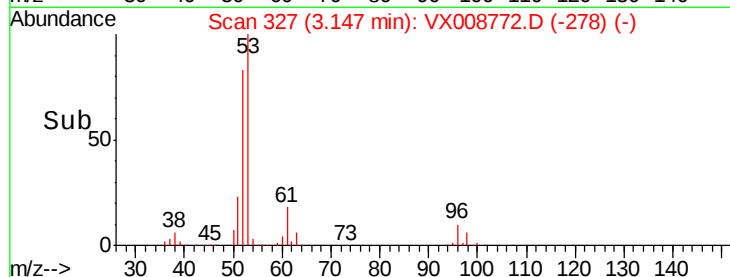
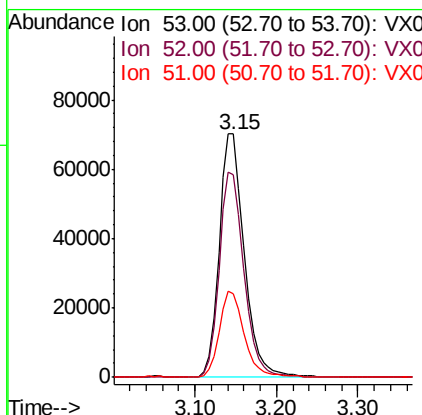
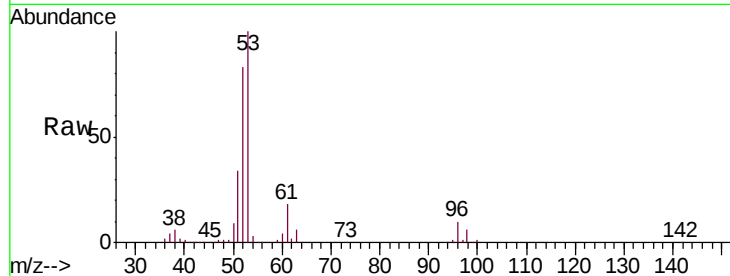
#15
 Acrylonitrile
 Concen: 93.105 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion:	53	Resp:	150210
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.5	99.7
51	35.2	28.6	42.8

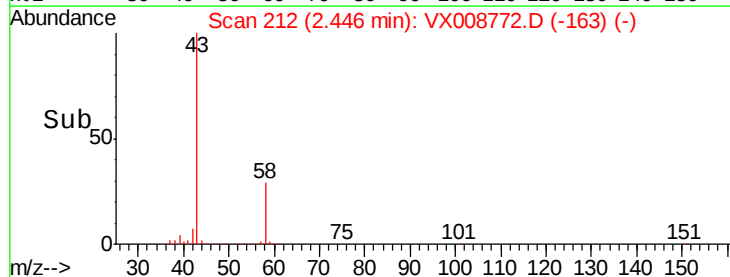
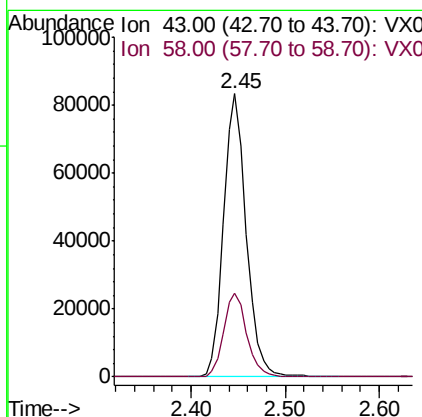
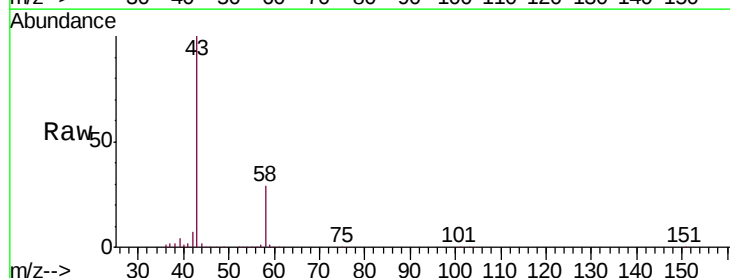
Manual Integrations
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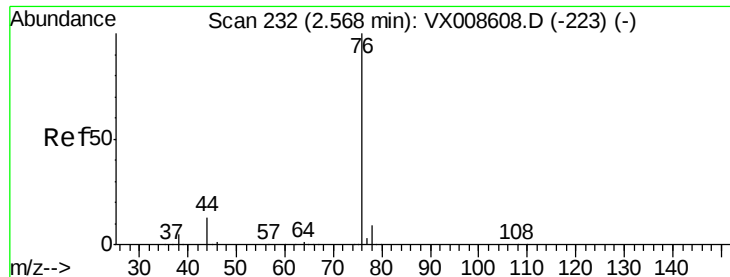
MMDadoda
 4/10/2019 10:05:17 AM



#16
 Acetone
 Concen: 92.374 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion:	43	Resp:	138402
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.8	37.2





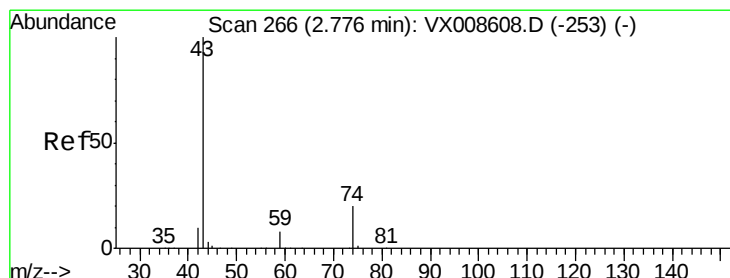
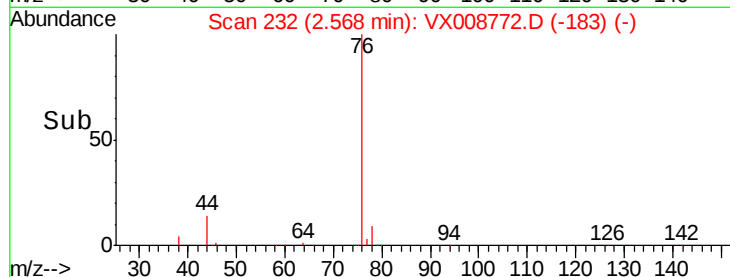
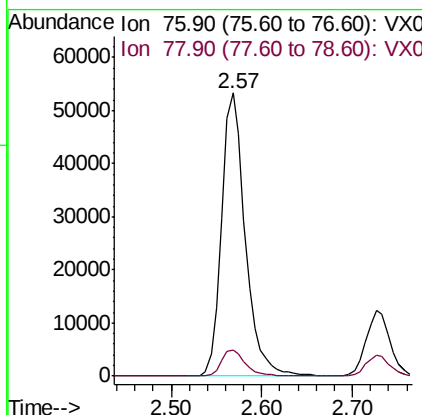
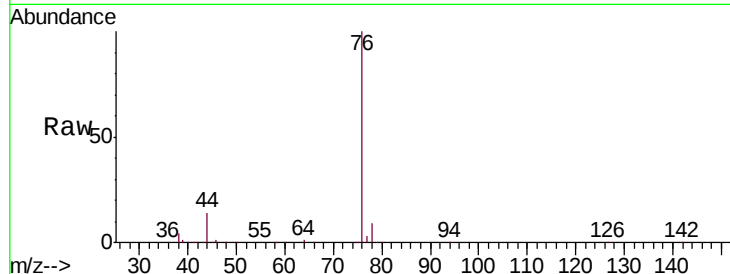
#17
Carbon Disulfide
Concen: 15.769 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 76 Resp: 96905
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

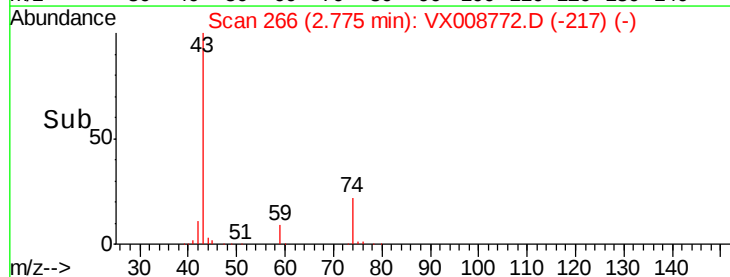
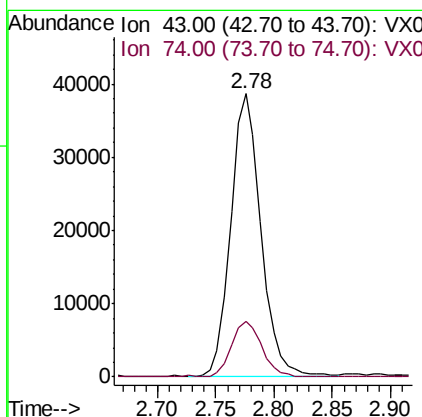
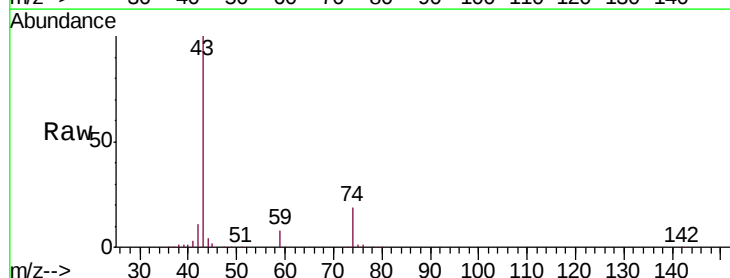
Manual Integrations
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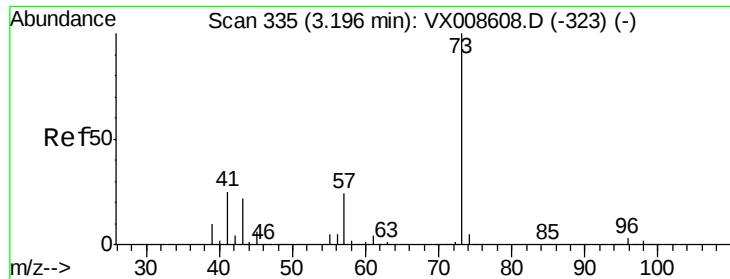
MMDadoda
4/10/2019 10:05:17 AM



#18
Methyl Acetate
Concen: 19.105 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 43 Resp: 69423
Ion Ratio Lower Upper
43 100
74 20.1 16.5 24.7





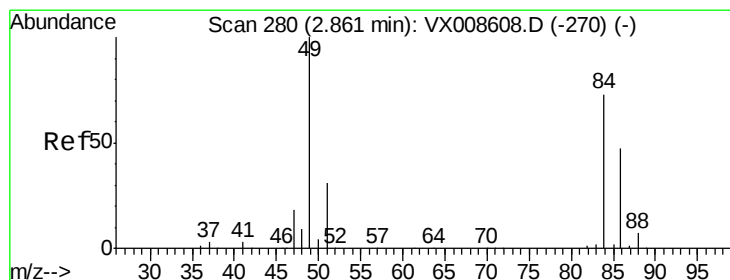
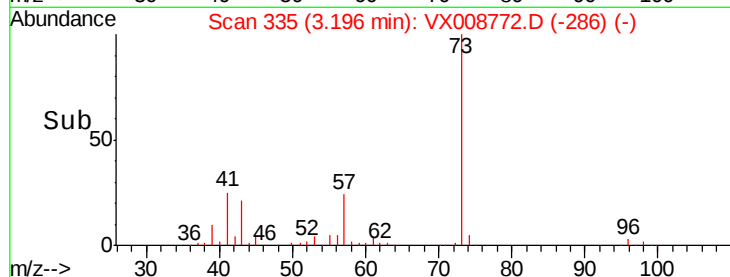
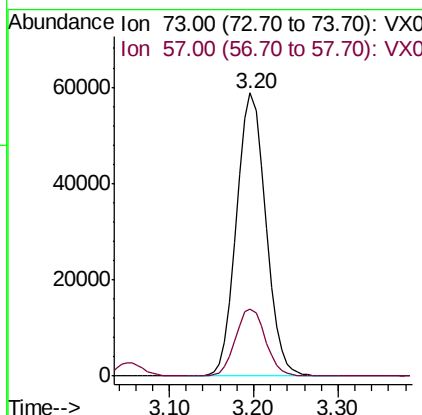
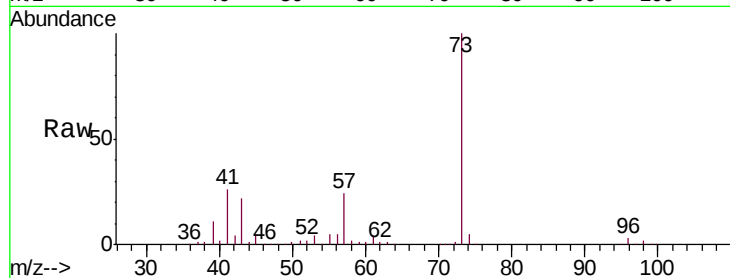
#19
Methyl tert-butyl Ether
Concen: 18.761 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 73 Resp: 138145
Ion Ratio Lower Upper
73 100
57 23.6 19.5 29.3

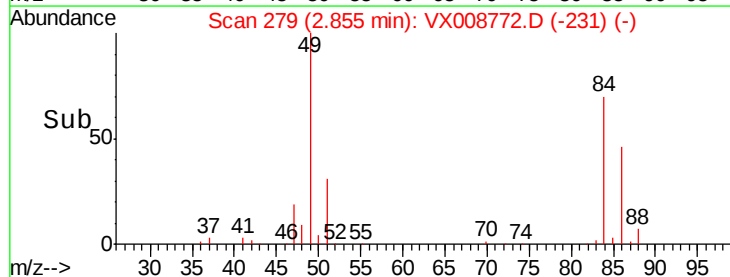
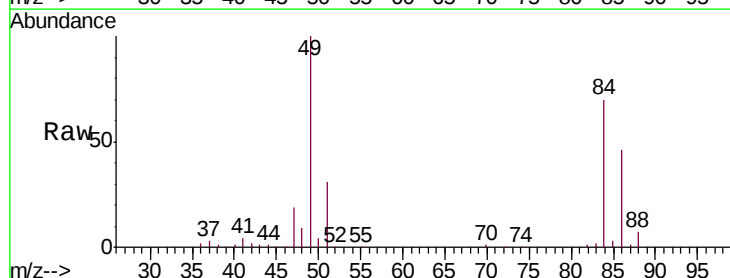
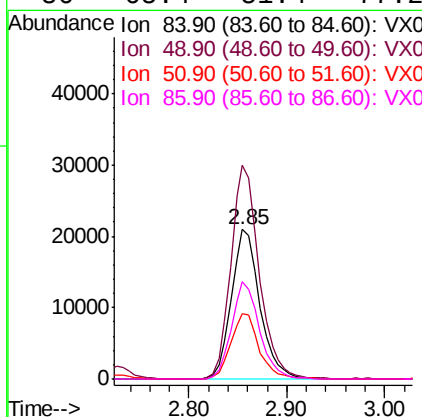
Manual Integrations
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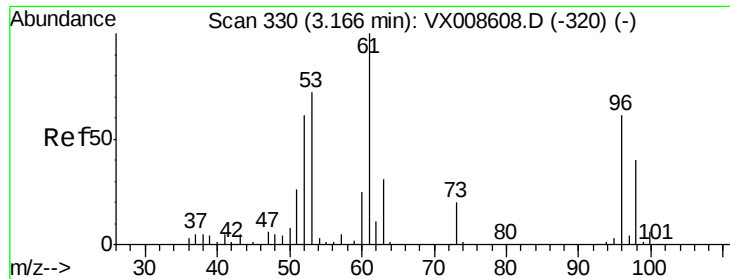
MMDadoda
4/10/2019 10:05:17 AM



#20
Methylene Chloride
Concen: 16.873 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 84 Resp: 42316
Ion Ratio Lower Upper
84 100
49 142.9 109.7 164.5
51 43.7 33.6 50.4
86 65.4 51.4 77.2





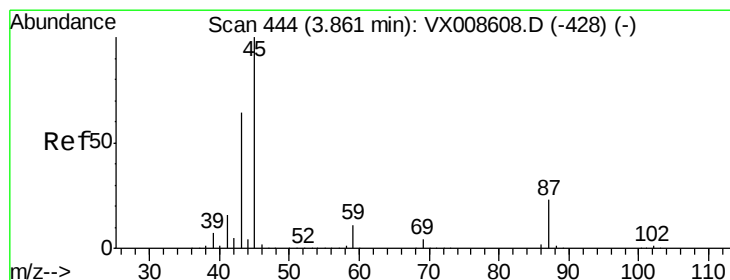
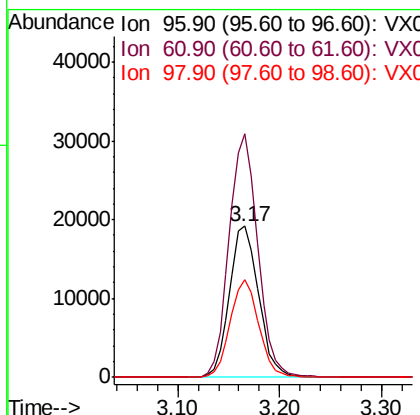
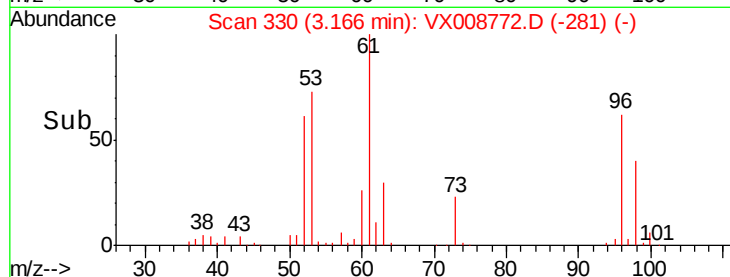
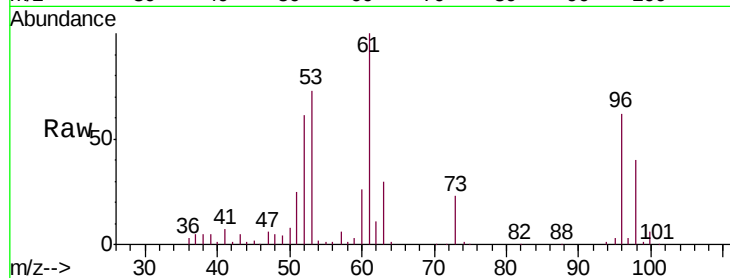
#21
trans-1,2-Dichloroethene
Concen: 17.022 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	132.1	198.1
98	64.9	52.2	78.2

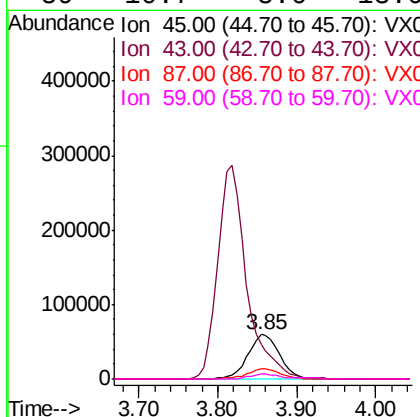
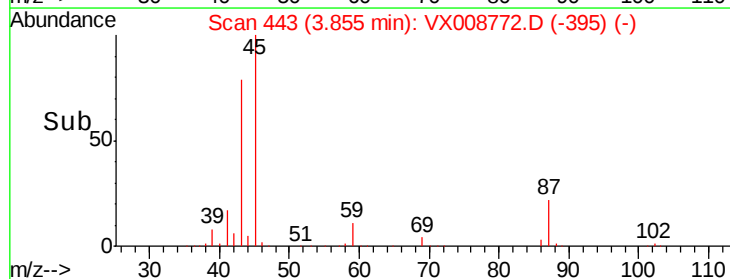
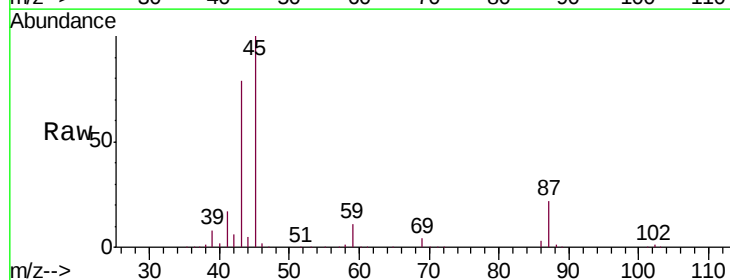
Manual Integrations
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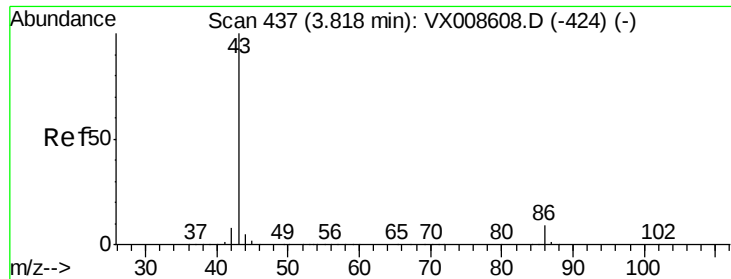
MMDadoda
4/10/2019 10:05:17 AM



#22
Diisopropyl ether
Concen: 18.435 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.6	51.3	76.9#
87	21.8	18.1	27.1
59	10.7	8.6	13.0





#23

Vinyl Acetate

Concen: 93.395 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

Tgt Ion: 43 Resp: 739158

Ion Ratio Lower Upper

43 100

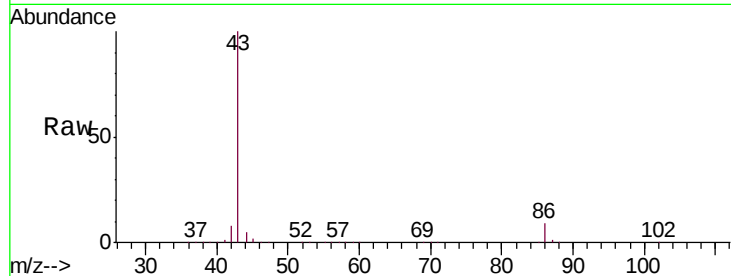
86 8.7 7.0 10.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

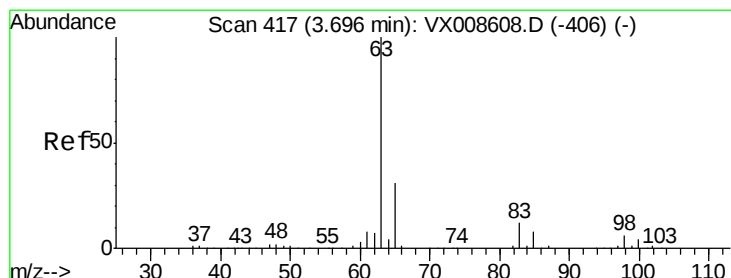
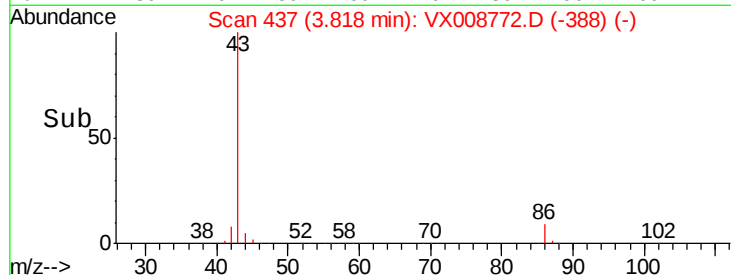
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.000 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

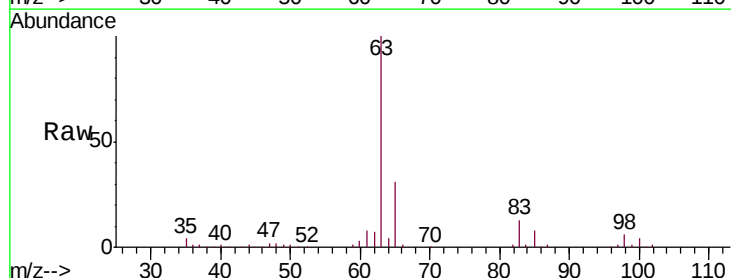
Tgt Ion: 63 Resp: 81079

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 4.1 1.8 5.5



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

40000

30000

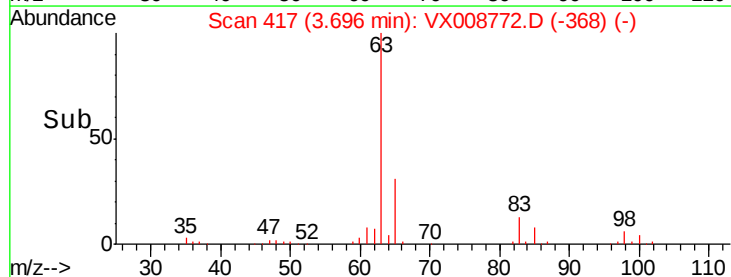
20000

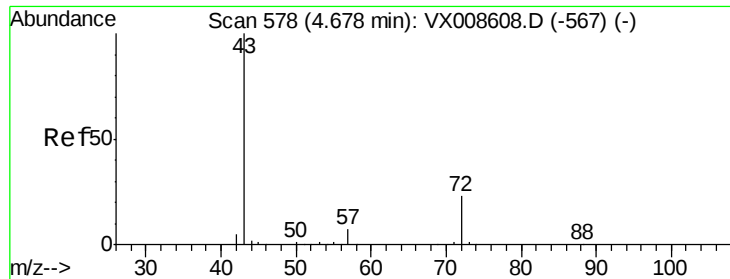
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 95.815 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Tgt Ion: 43 Resp: 226896

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.4

Instrument :

MSVOA_X

ClientSampleId :

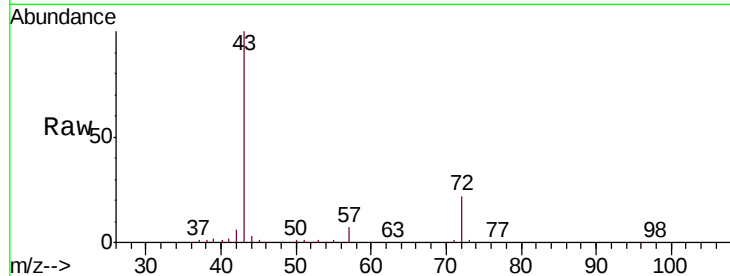
VX0409WBS02

Manual Integrations

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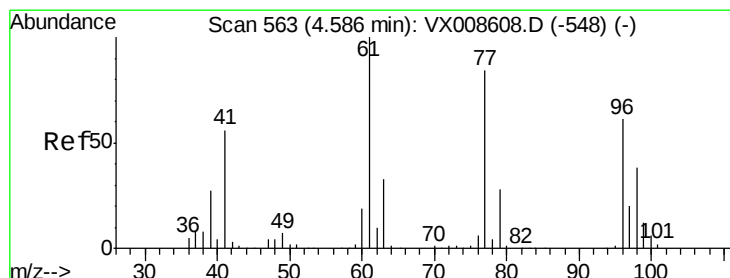
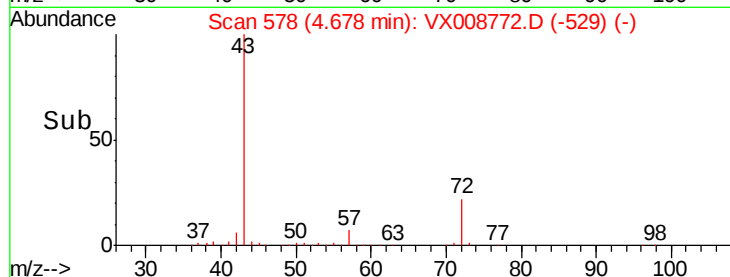
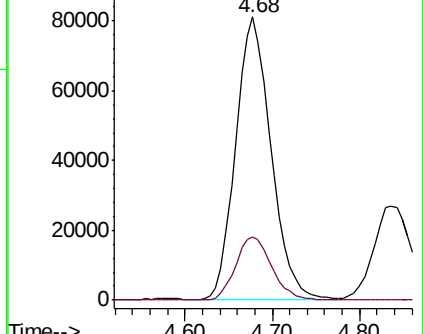
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.979 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008772.D

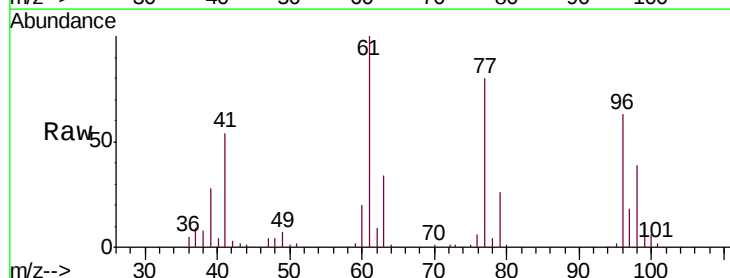
Acq: 09 Apr 2019 15:48

Tgt Ion: 77 Resp: 57039

Ion Ratio Lower Upper

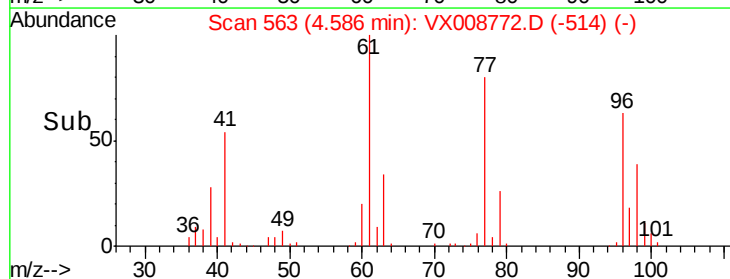
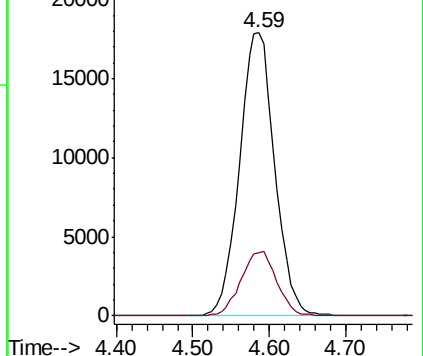
77 100

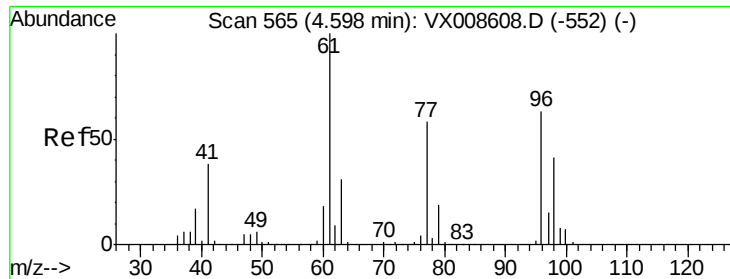
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

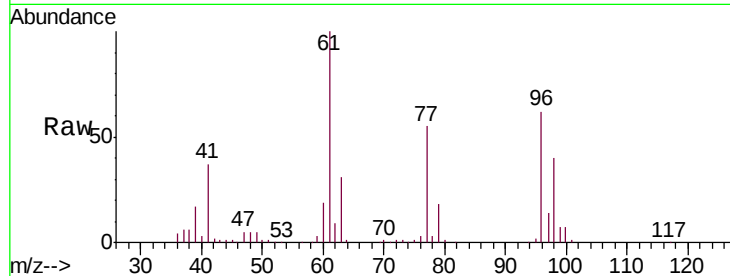
cis-1,2-Dichloroethene
Concen: 17.812 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

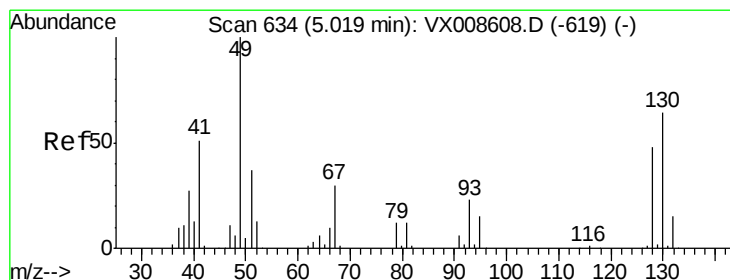
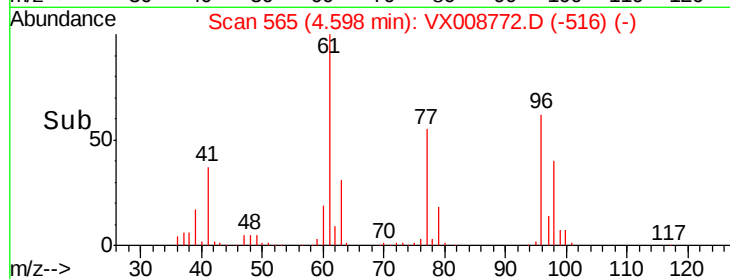
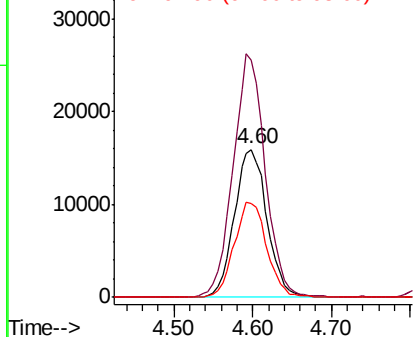
Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.1	0.0	327.6
98	64.1	0.0	128.6

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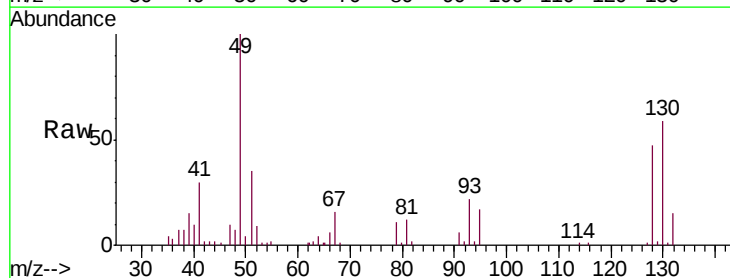
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



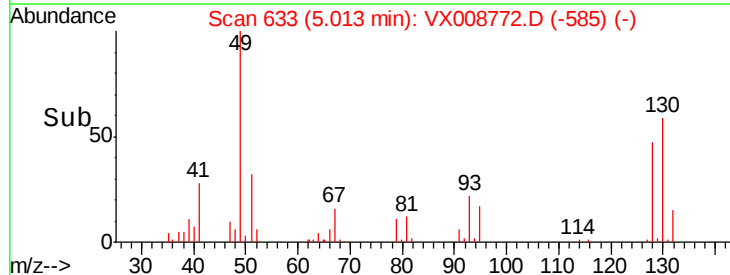
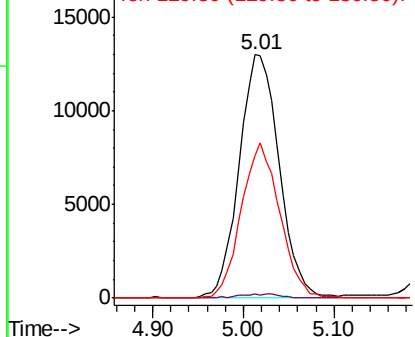
#28

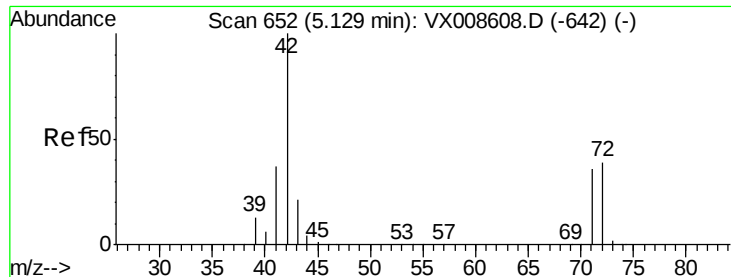
Bromochloromethane
Concen: 19.255 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	61.2	49.3	73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





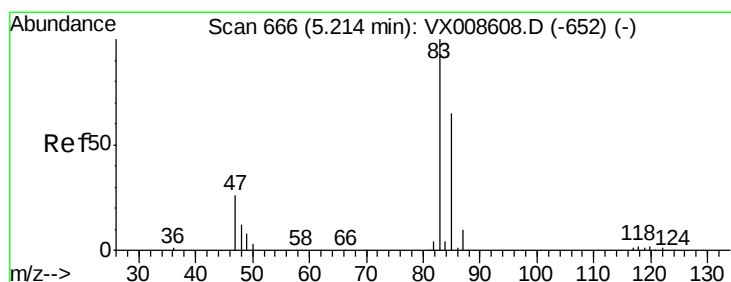
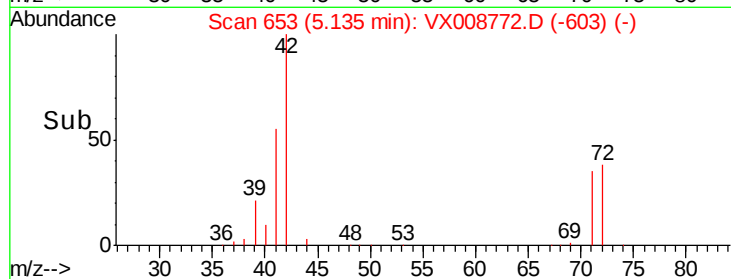
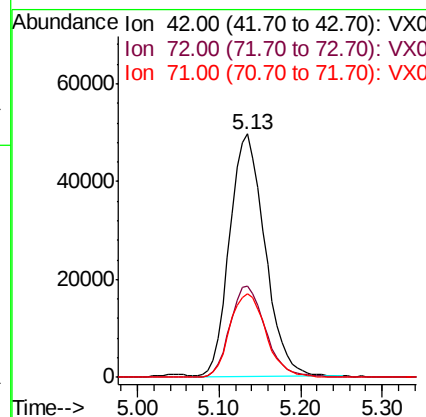
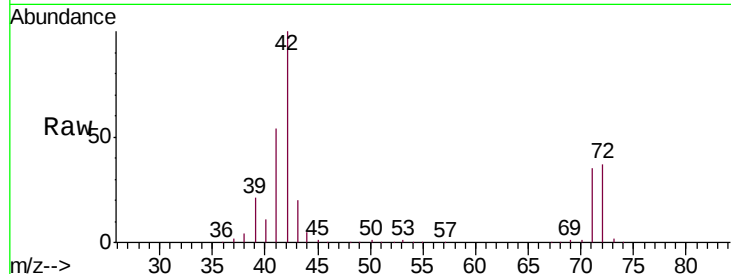
#29
Tetrahydrofuran
Concen: 94.704 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.8	30.5	45.7
71	35.3	28.6	43.0

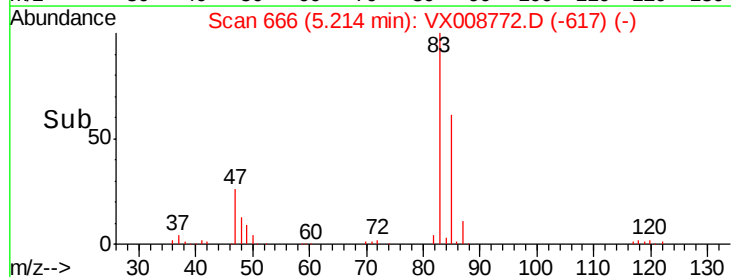
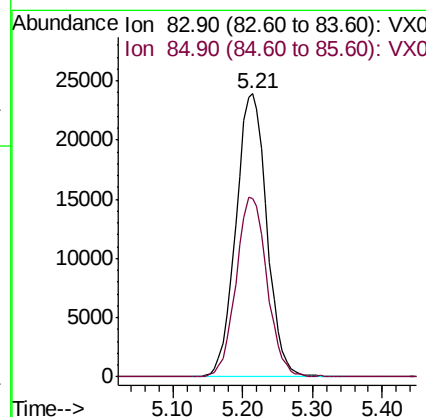
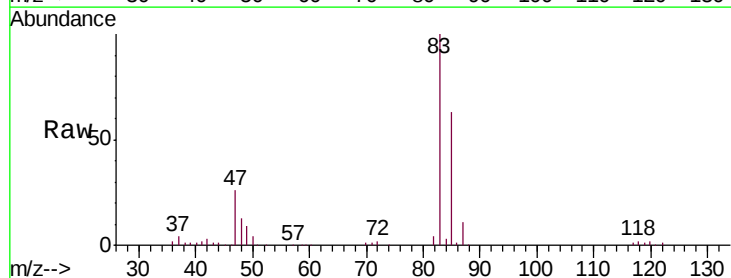
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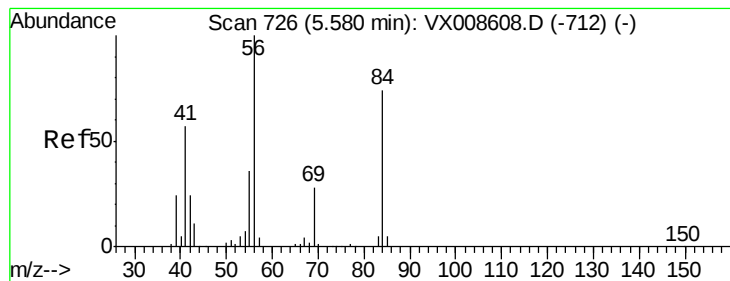
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#30
Chloroform
Concen: 18.220 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.1	78.1





#31

Cyclohexane

Concen: 17.067 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

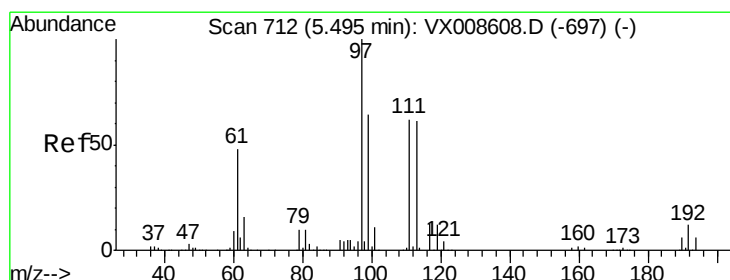
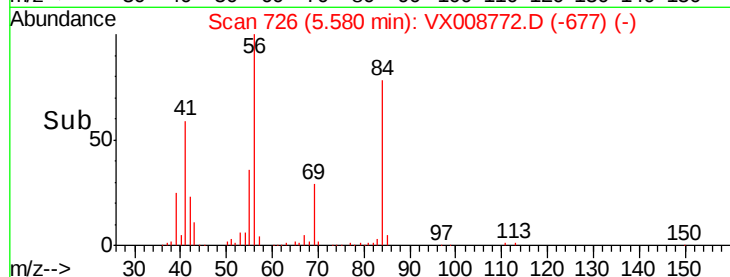
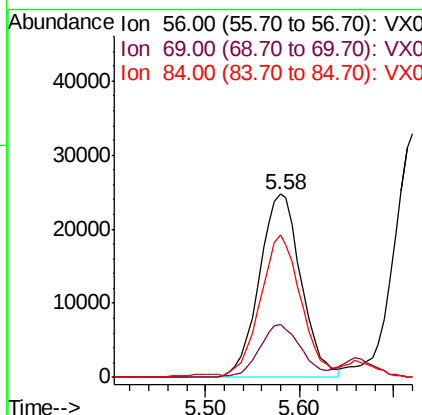
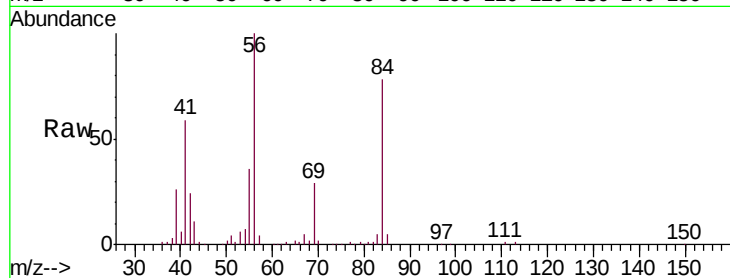
ClientSampleId :

VX0409WBS02

Tgt Ion:	56	Resp:	76707
Ion Ratio	Lower	Upper	
56	100		
69	29.0	22.6	33.8
84	76.4	59.3	88.9

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#32

1,1,1-Trichloroethane

Concen: 18.311 ug/l

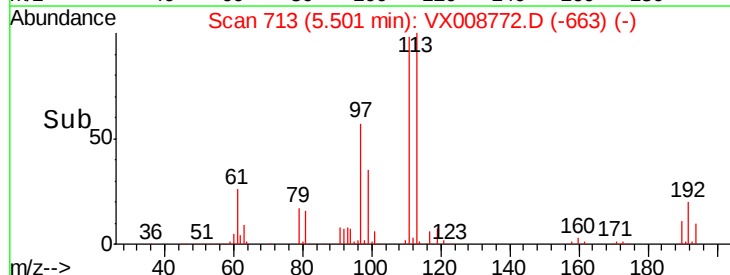
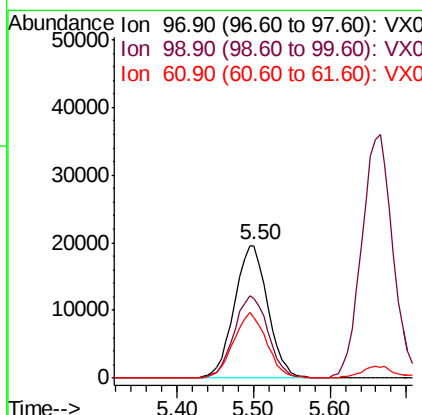
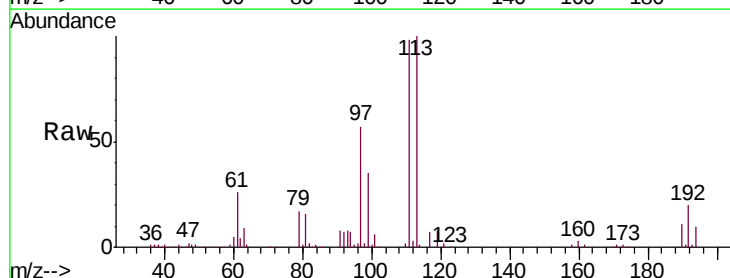
RT: 5.50 min Scan# 713

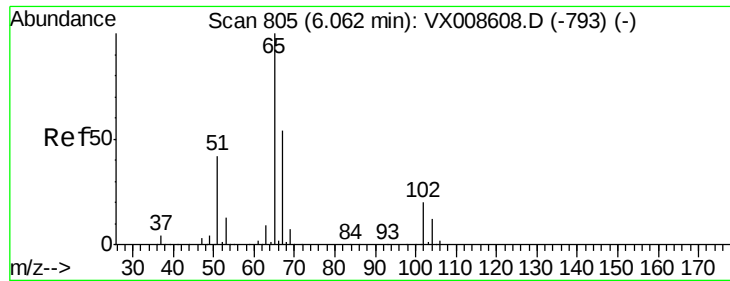
Delta R.T. 0.01 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Tgt Ion:	97	Resp:	59529
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.3	76.9
61	48.5	38.9	58.3





#33

1,2-Dichloroethane-d4

Concen: 49.832 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

Tgt Ion: 65 Resp: 129628

Ion Ratio Lower Upper

65 100

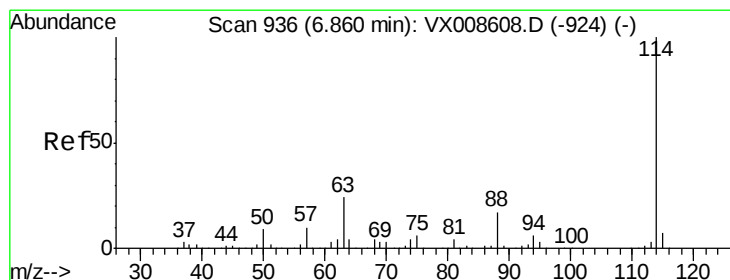
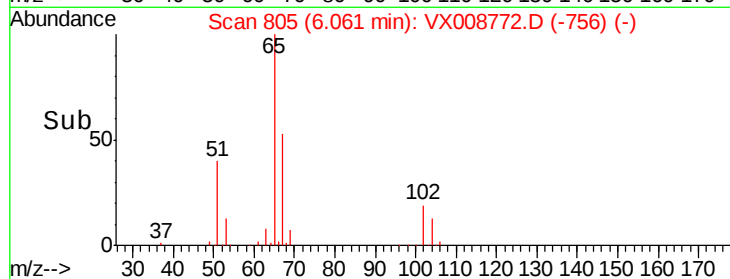
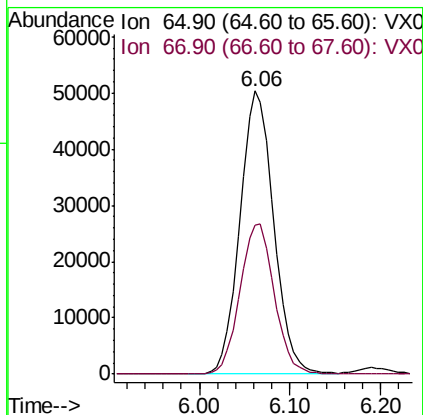
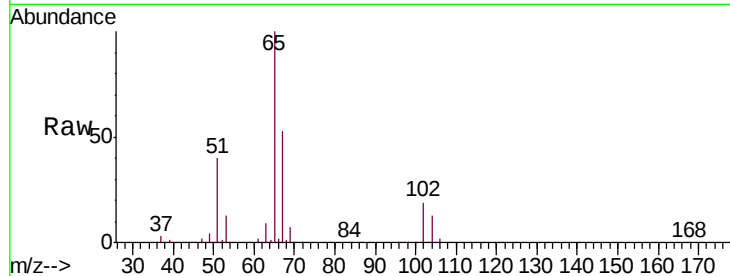
67 54.0 0.0 107.2

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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: VX008772.D

Acq: 09 Apr 2019 15:48

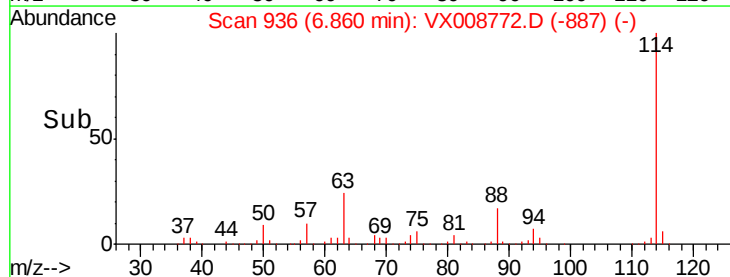
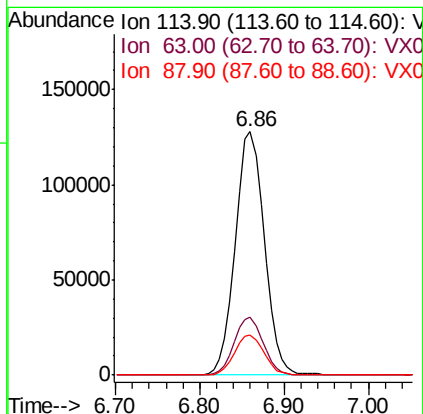
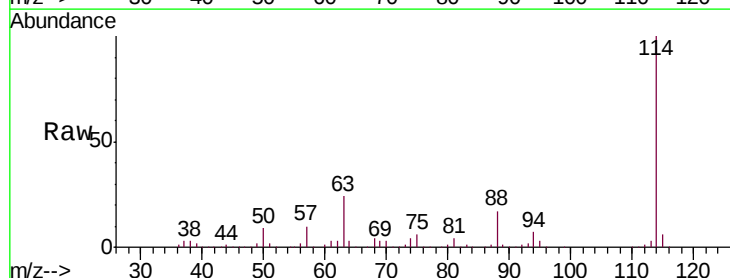
Tgt Ion: 114 Resp: 298581

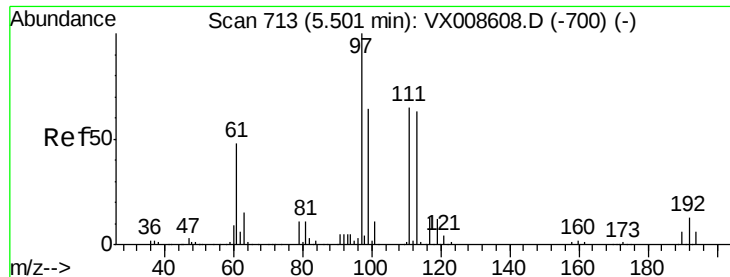
Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.2

88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.037 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

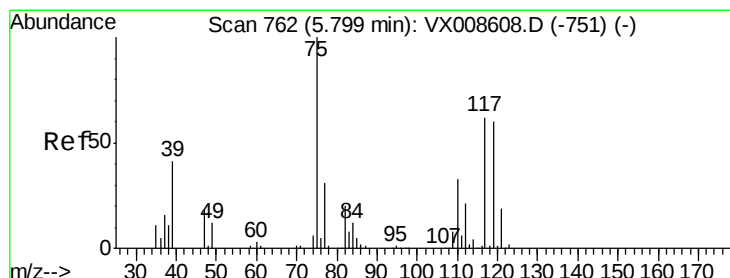
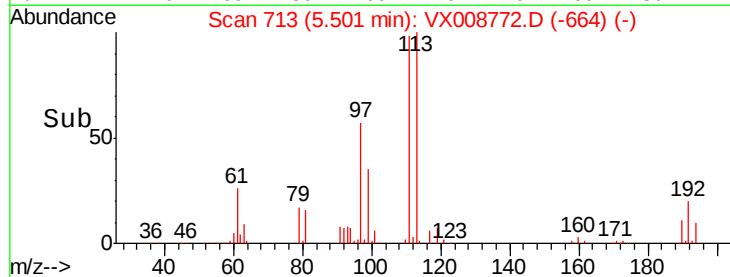
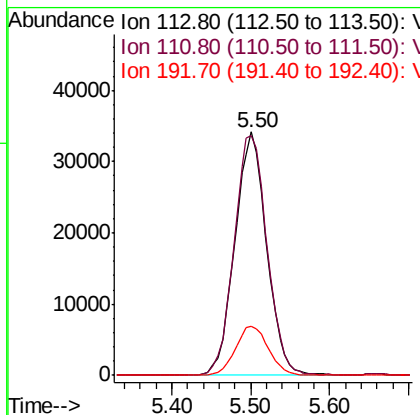
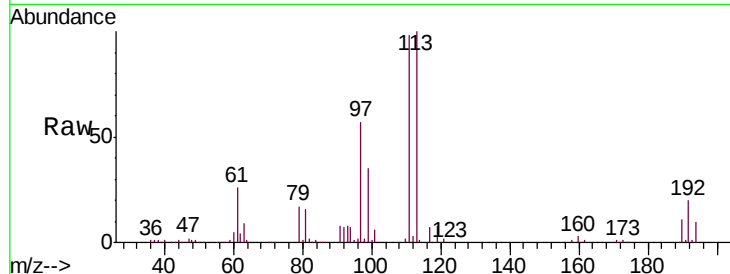
ClientSampleId :

VX0409WBS02

Tgt Ion:	113	Resp:	95522
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.4	125.2
192	21.0	16.1	24.1

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#36

1,1-Dichloropropene

Concen: 16.985 ug/l

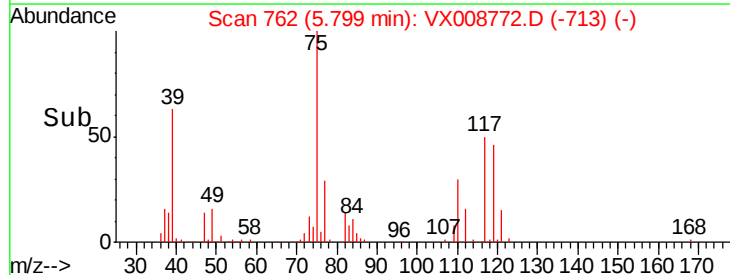
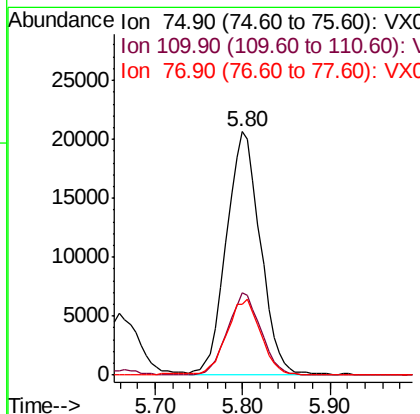
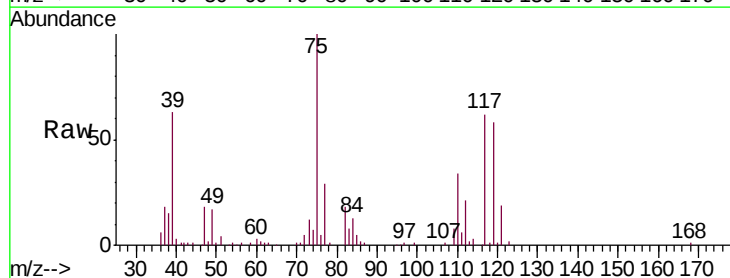
RT: 5.80 min Scan# 762

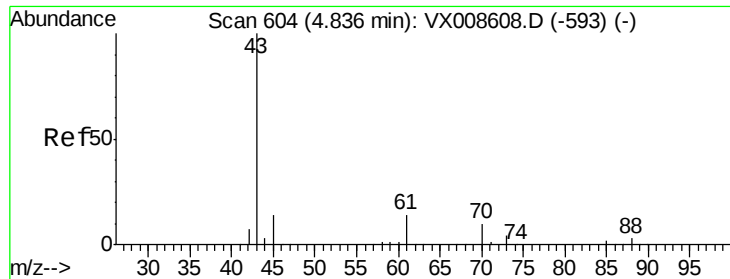
Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Tgt Ion:	75	Resp:	55436
Ion Ratio	Lower	Upper	
75	100		
110	33.4	16.4	49.2
77	31.4	24.7	37.1





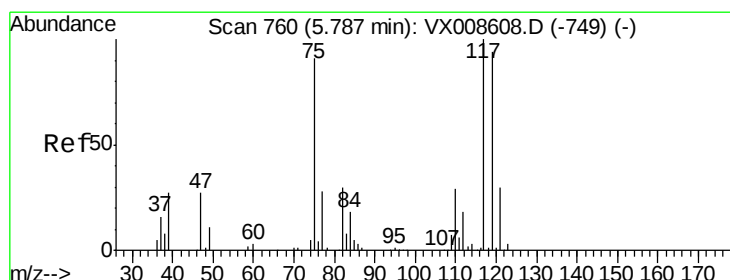
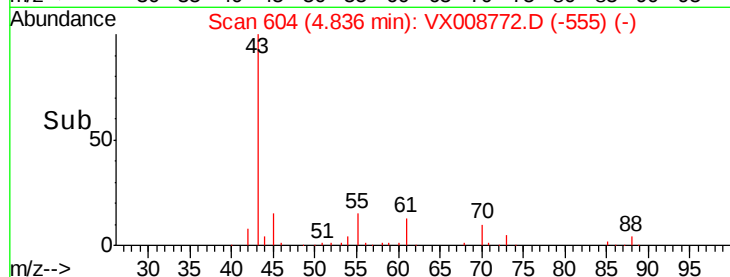
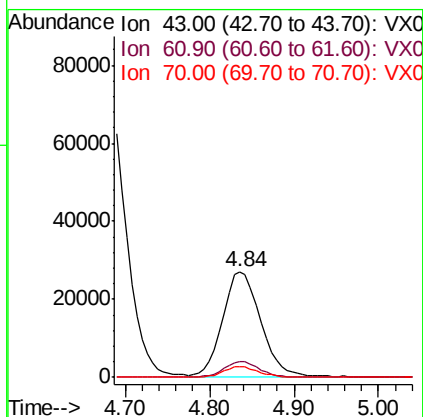
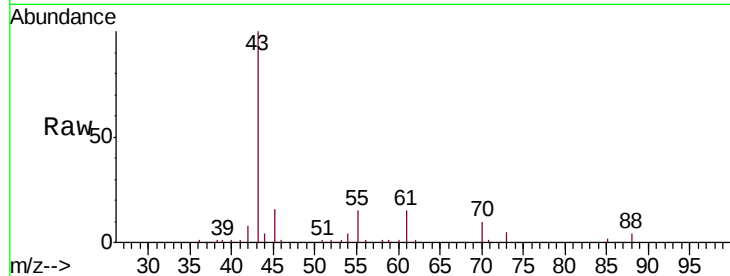
#37
Ethyl Acetate
Concen: 18.770 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 43 Resp: 81769
Ion Ratio Lower Upper
43 100
61 14.4 10.3 15.5
70 9.8 7.6 11.4

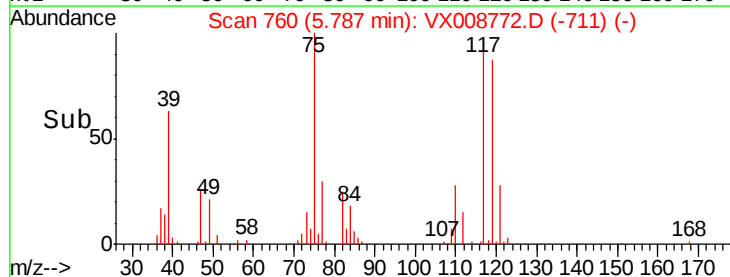
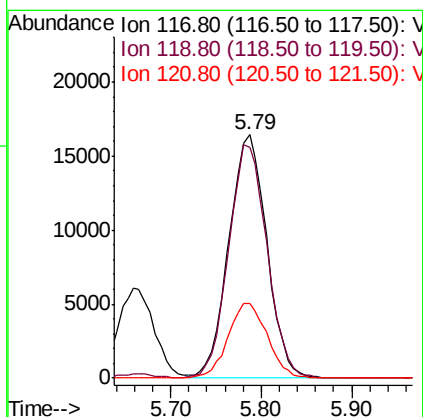
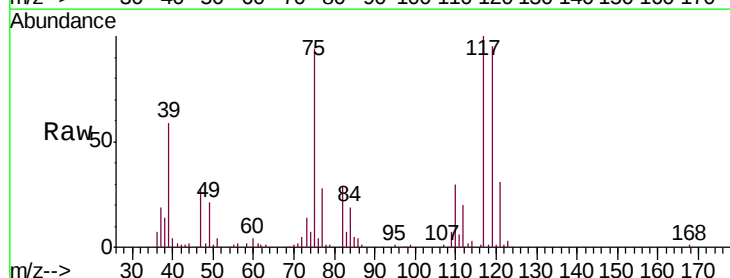
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#38
Carbon Tetrachloride
Concen: 17.672 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 117 Resp: 47739
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.6
121 30.8 24.3 36.5





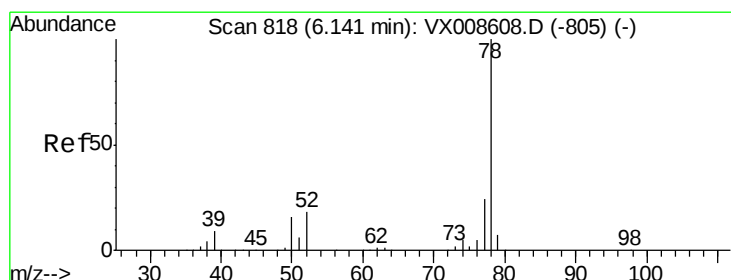
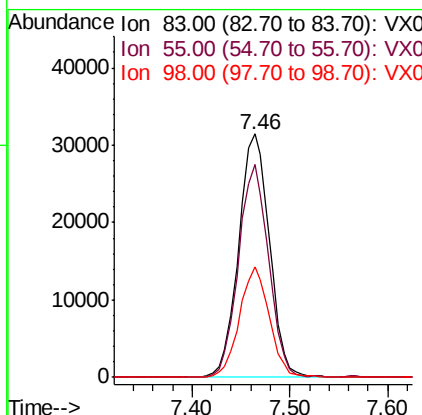
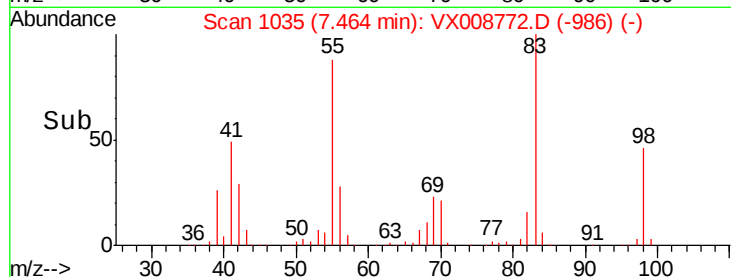
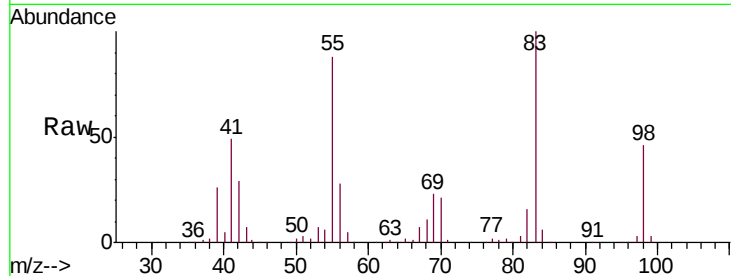
#39
Methylcyclohexane
Concen: 17.094 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.6	69.0	103.6
98	45.6	34.4	51.6

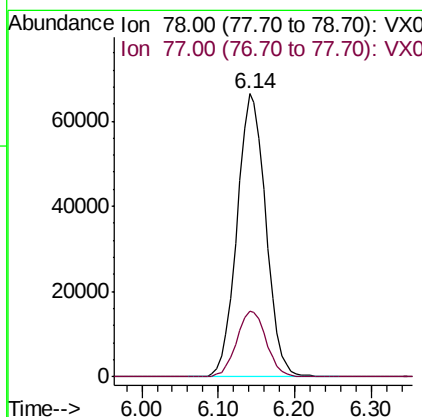
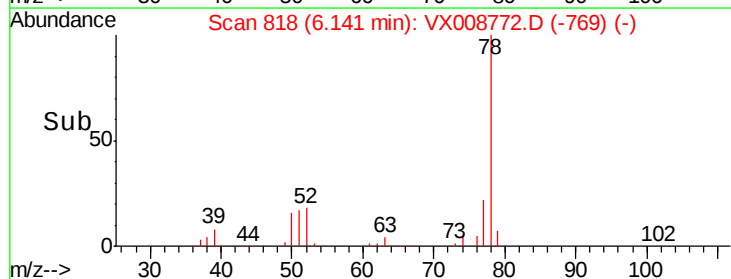
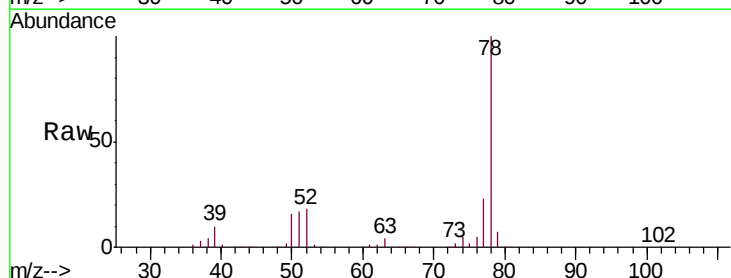
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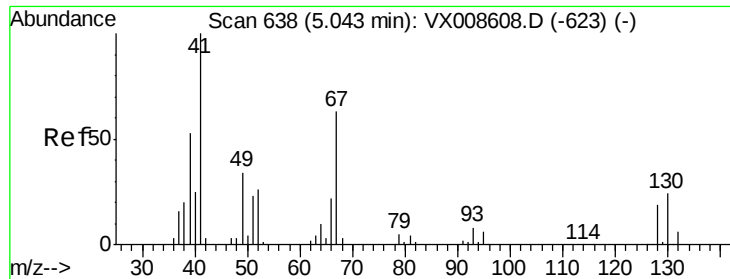
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#40
Benzene
Concen: 17.821 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.1	28.7





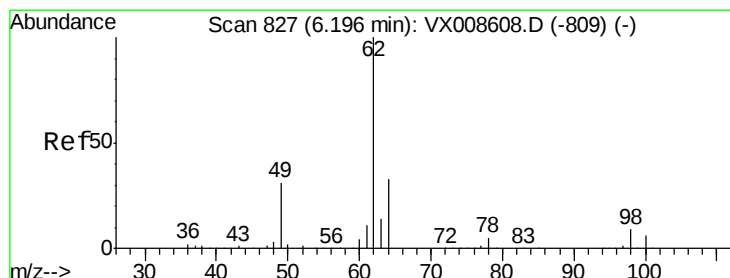
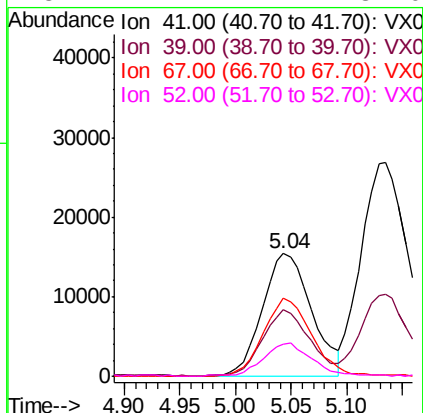
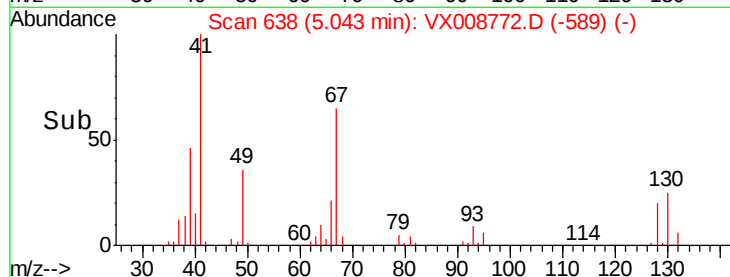
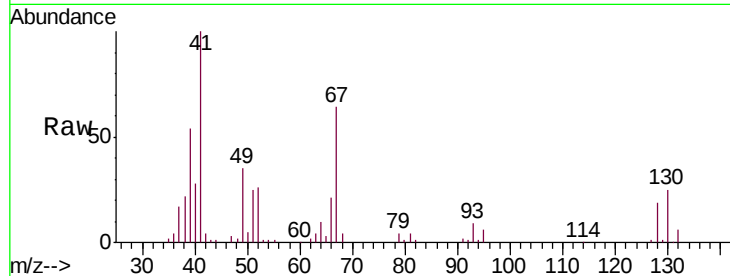
#41
Methacrylonitrile
Concen: 18.850 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.9	42.1	63.1	
67	62.6	51.0	76.6	
52	27.1	21.4	32.0	

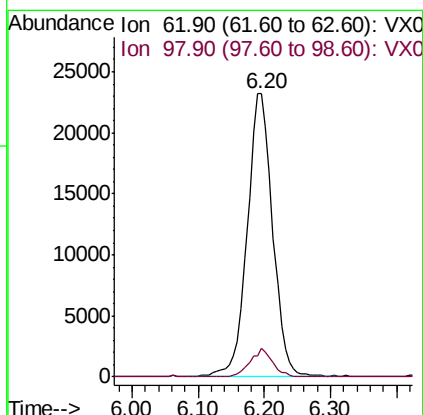
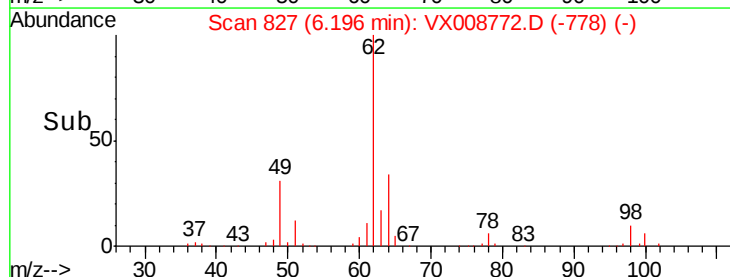
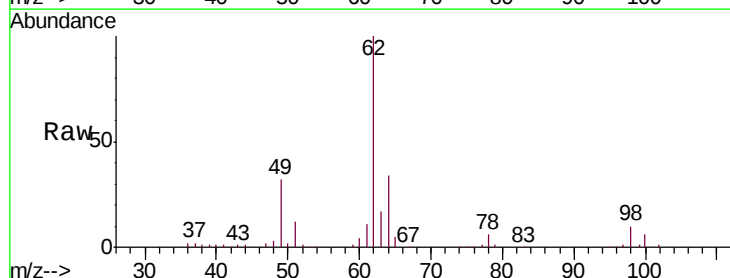
Manual Integrations
APPROVED

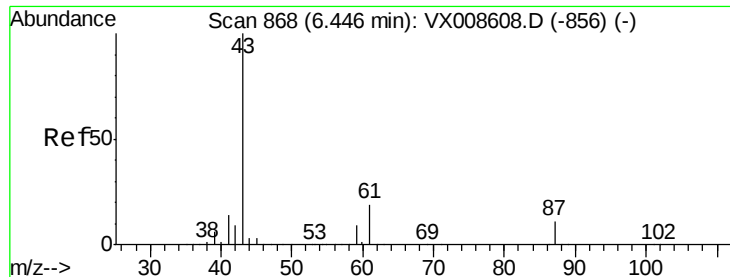
MMDadoda
4/10/2019 10:05:17 AM



#42
1,2-Dichloroethane
Concen: 17.893 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.0	





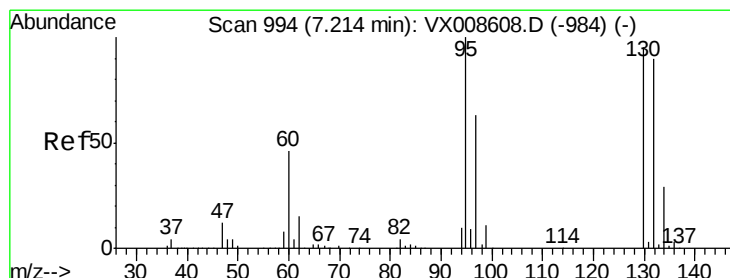
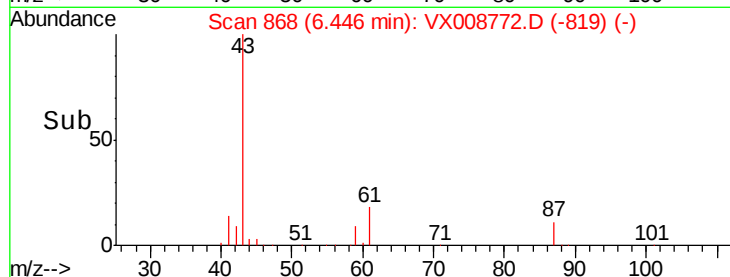
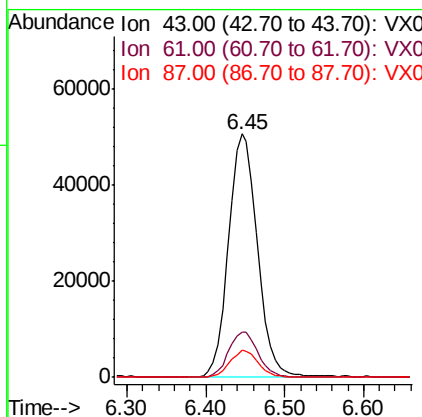
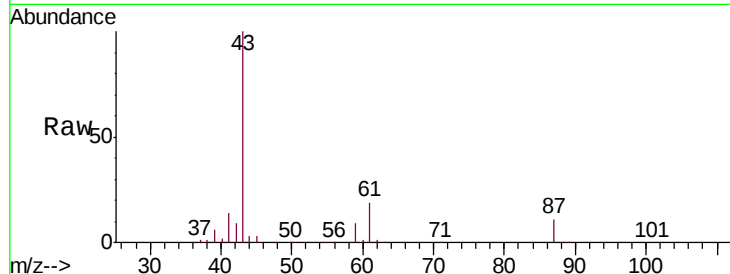
#43
Isopropyl Acetate
Concen: 18.834 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	11.0	9.0	13.6

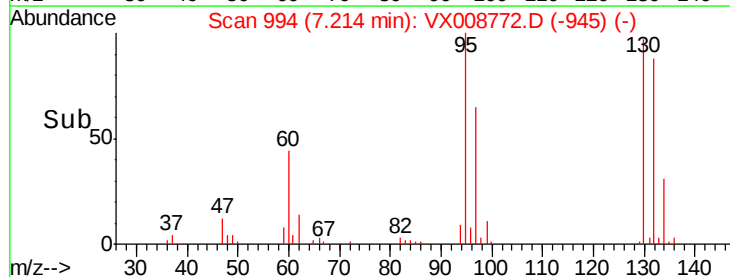
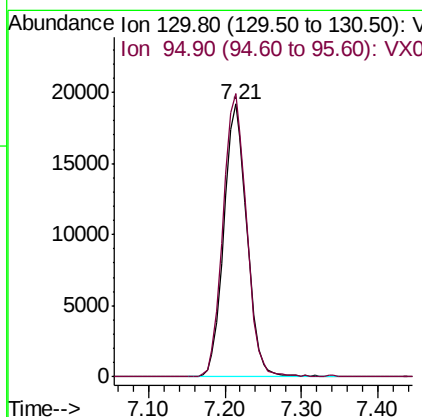
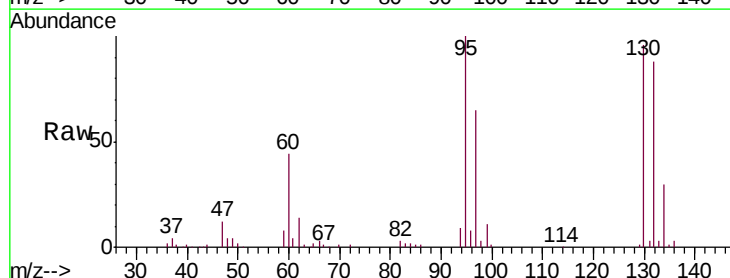
Manual Integrations
APPROVED

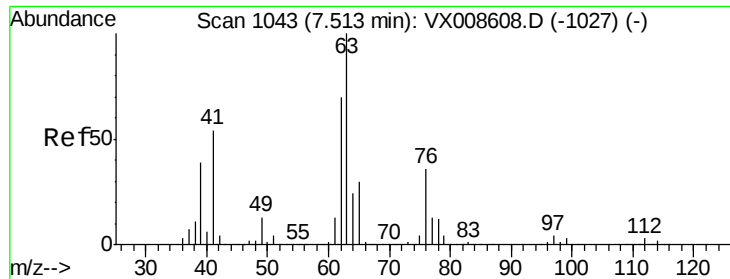
MMDadoda
4/10/2019 10:05:17 AM



#44
Trichloroethene
Concen: 17.698 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	209.8





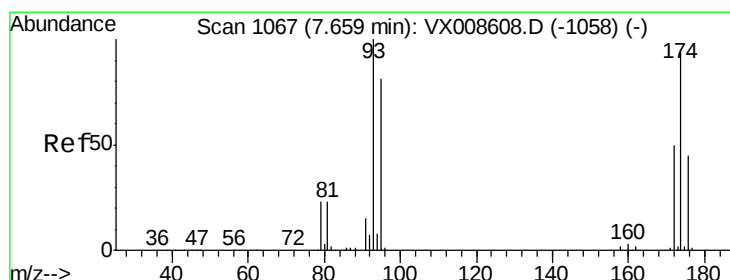
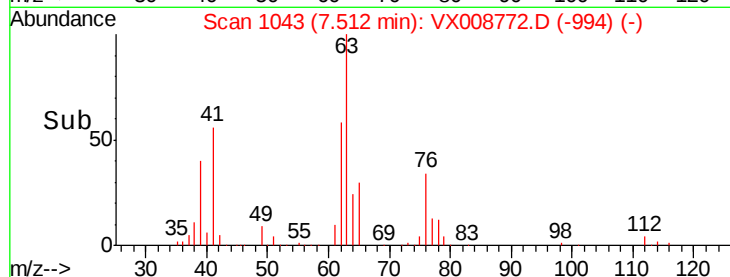
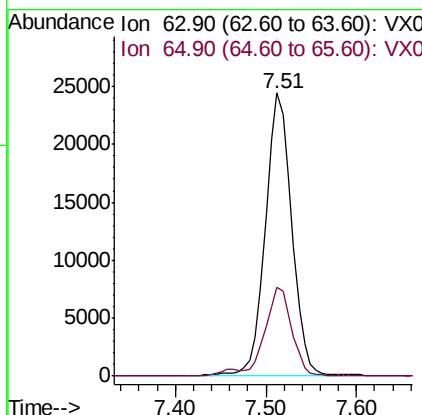
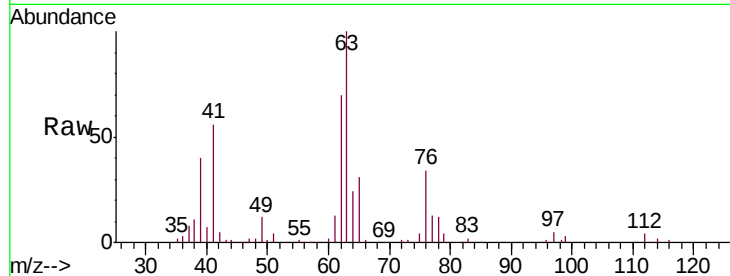
#45
 1,2-Dichloropropane
 Concen: 17.810 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion: 63 Resp: 49428
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.4

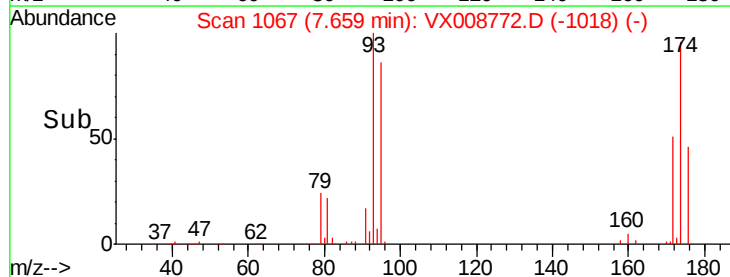
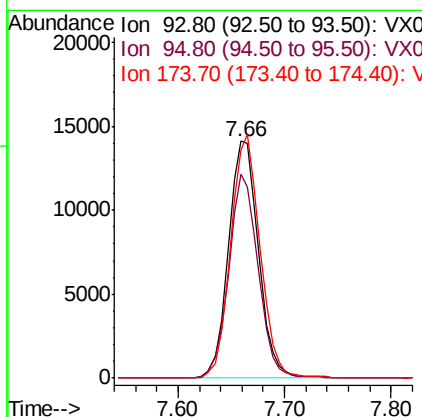
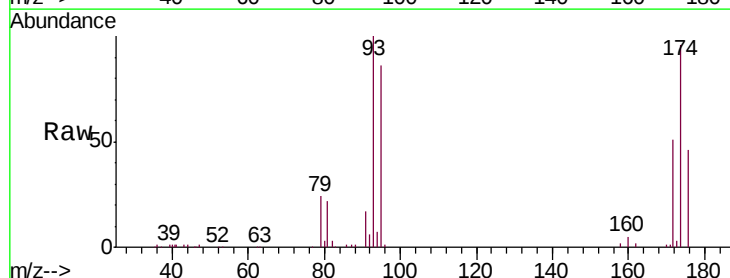
Manual Integrations
 APPROVED

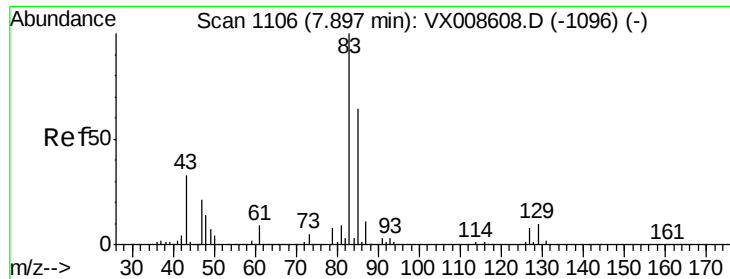
MMDadoda
 4/10/2019 10:05:17 AM



#46
 Dibromomethane
 Concen: 17.365 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 93 Resp: 27951
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 99.8
 174 100.6 77.7 116.5





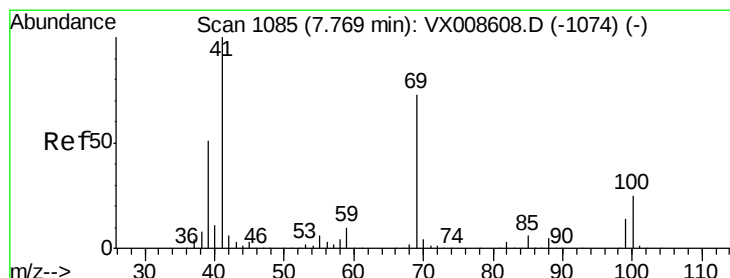
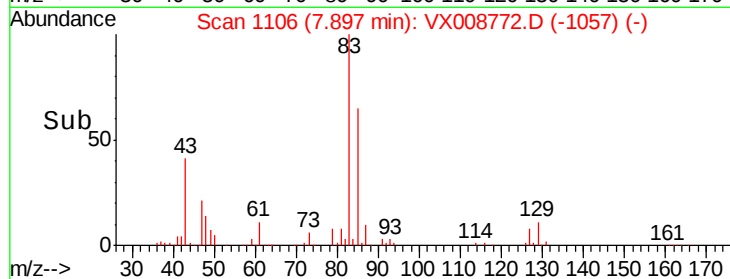
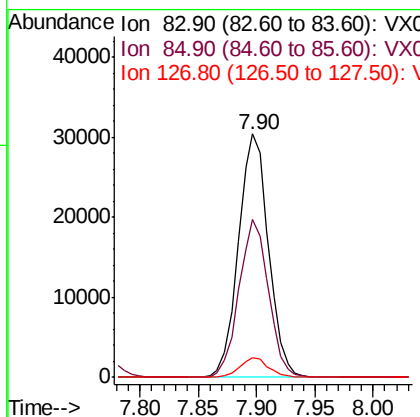
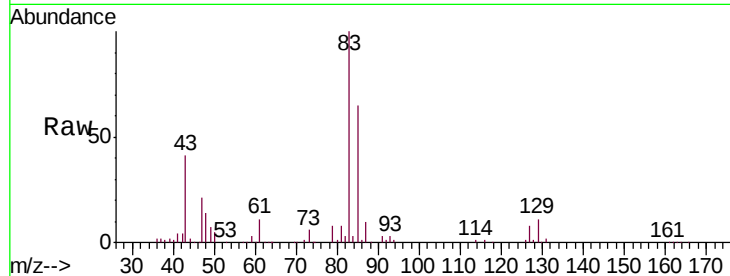
#47
 Bromodichloromethane
 Concen: 18.005 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.2	76.8
127	7.9	6.6	10.0

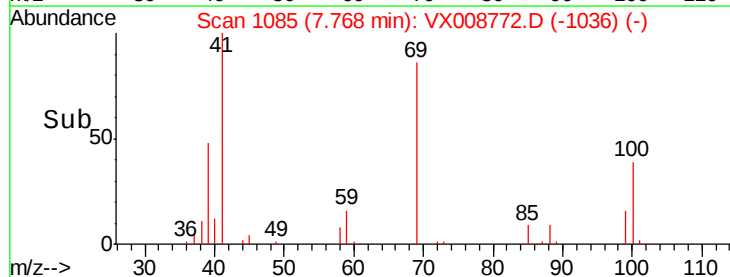
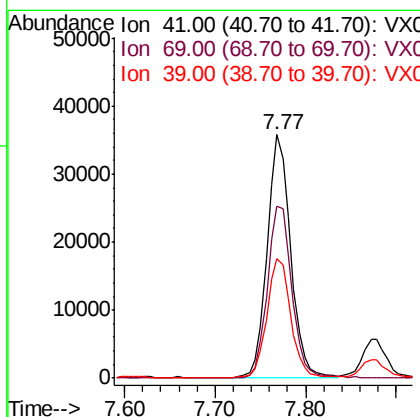
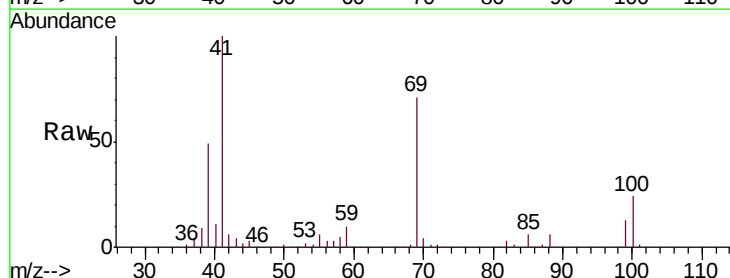
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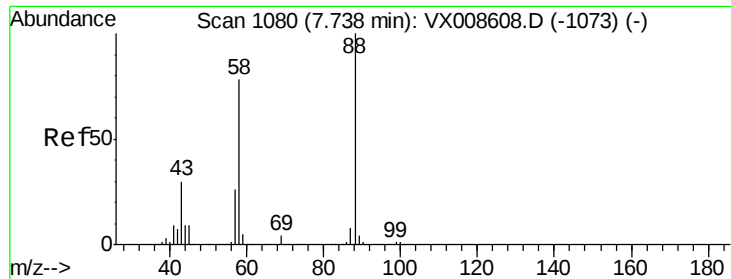
MMDadoda
 4/10/2019 10:05:17 AM



#48
 Methyl methacrylate
 Concen: 18.748 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.3	59.0	88.4
39	49.1	41.0	61.4





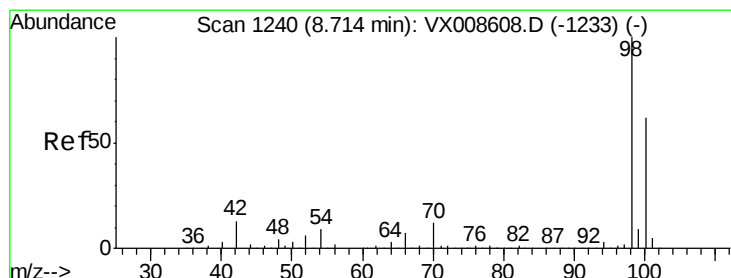
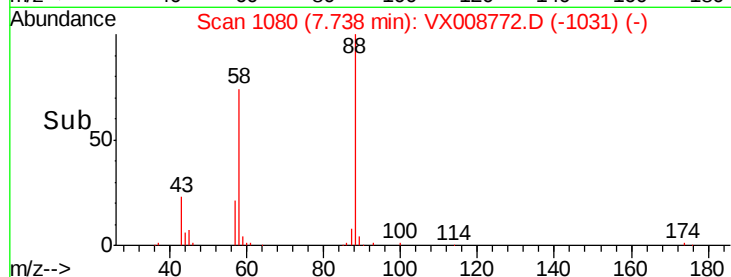
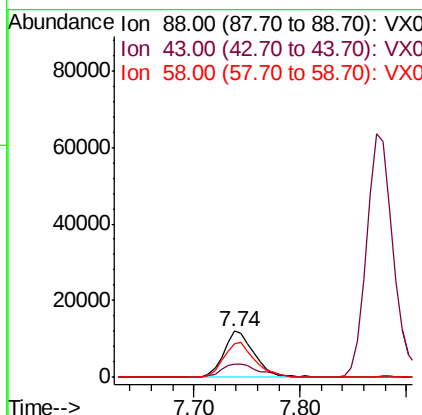
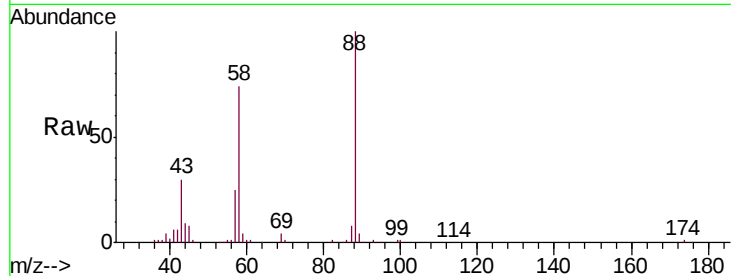
#49
1,4-Dioxane
Concen: 369.779 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	43.0
58	78.7	62.2	93.2

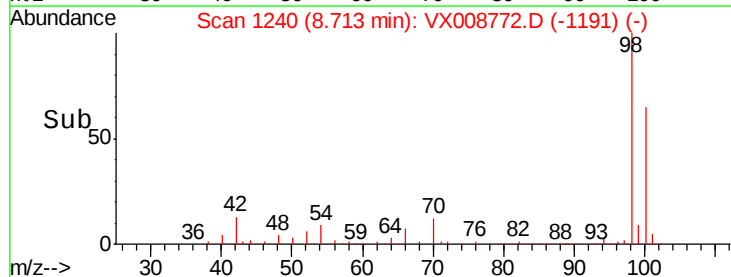
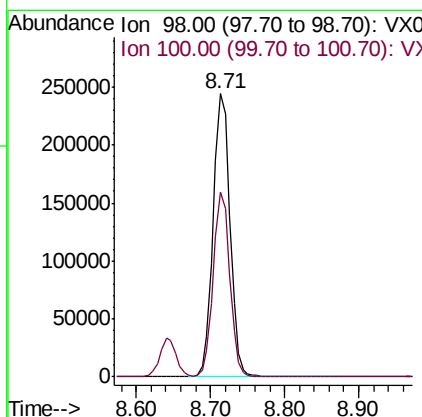
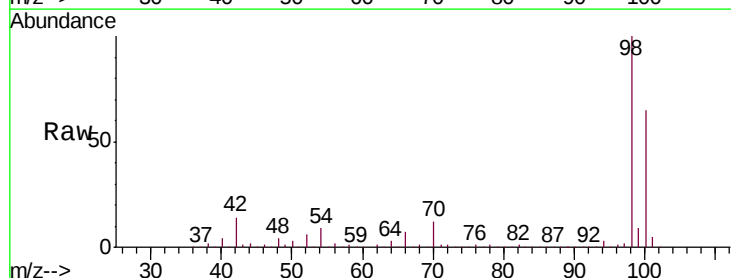
Manual Integrations
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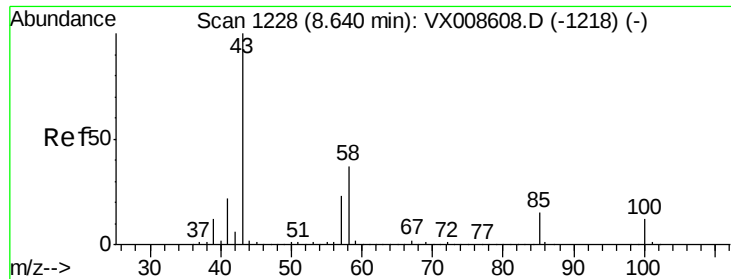
MMDadoda
4/10/2019 10:05:17 AM



#50
Toluene-d8
Concen: 50.025 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0





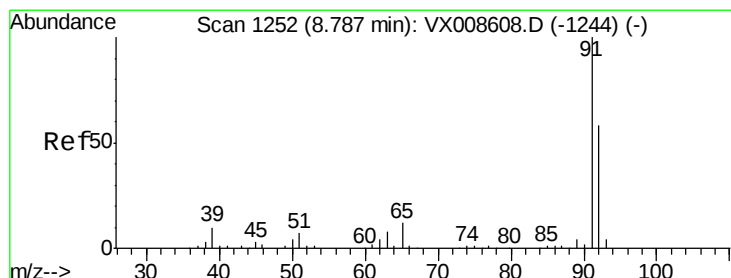
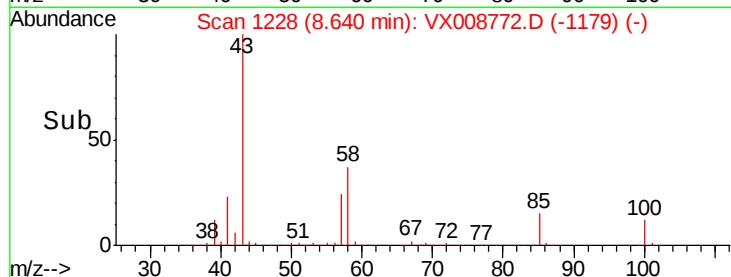
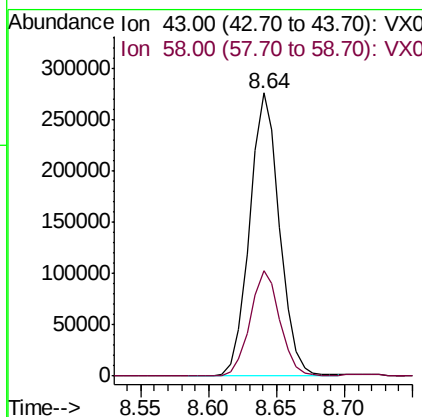
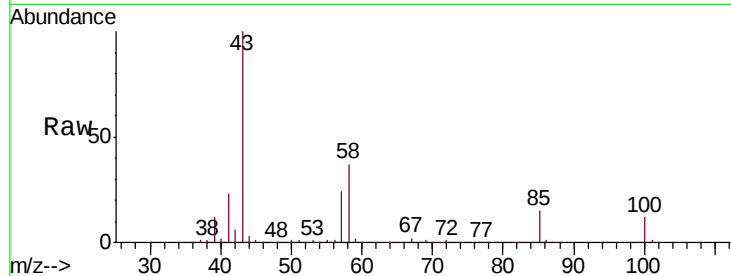
#51
4-Methyl-2-Pentanone
Concen: 96.918 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 43 Resp: 425773
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3

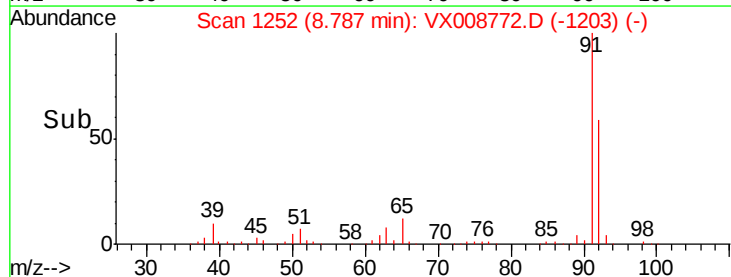
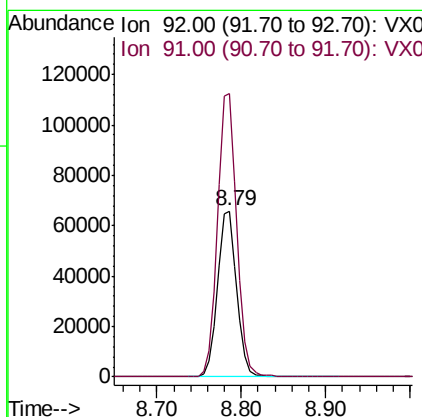
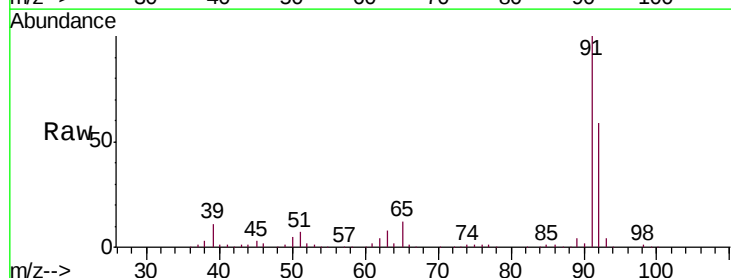
Manual Integrations
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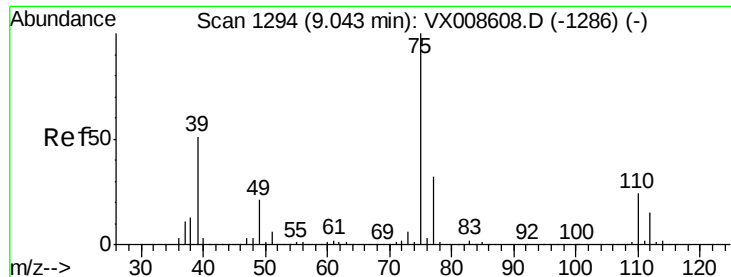
MMDadoda
4/10/2019 10:05:17 AM



#52
Toluene
Concen: 18.098 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 92 Resp: 103745
Ion Ratio Lower Upper
92 100
91 171.7 138.5 207.7





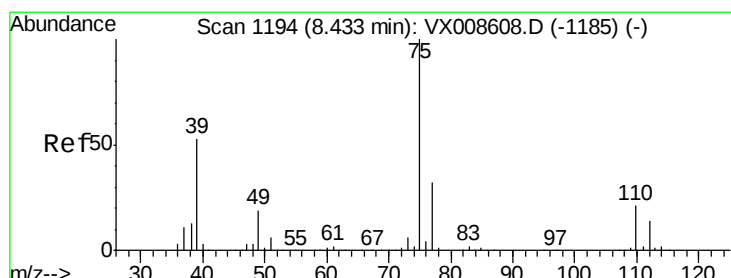
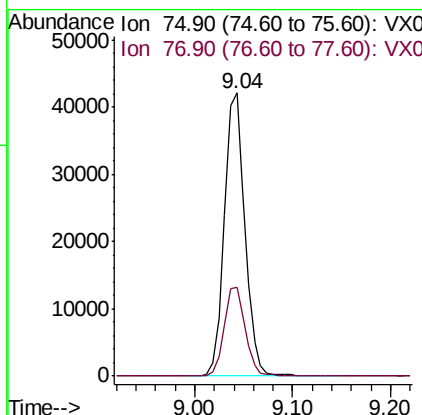
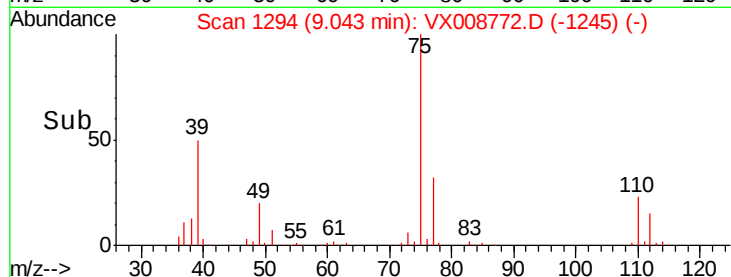
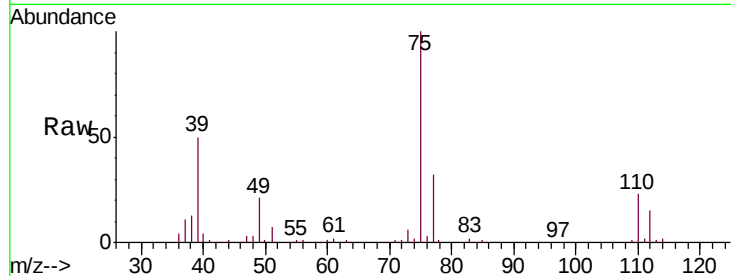
#53
t-1,3-Dichloropropene
Concen: 18.115 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 75 Resp: 61583
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

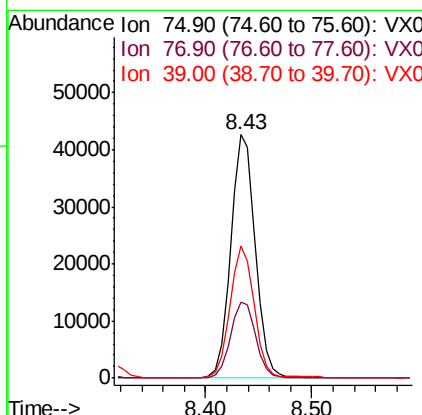
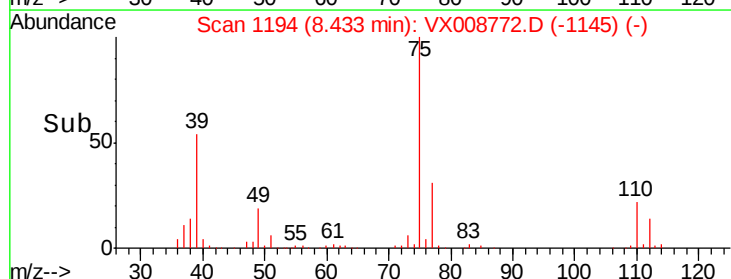
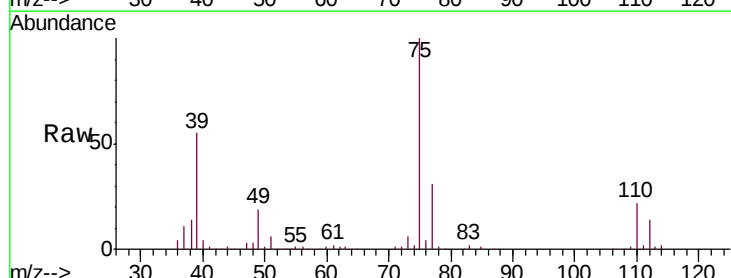
Manual Integrations
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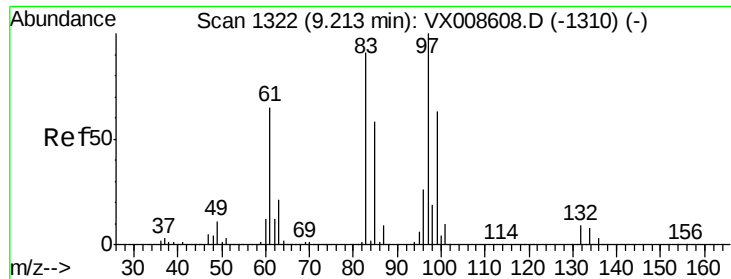
MMDadoda
4/10/2019 10:05:17 AM



#54
cis-1,3-Dichloropropene
Concen: 17.786 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 75 Resp: 69089
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 54.2 42.6 63.8





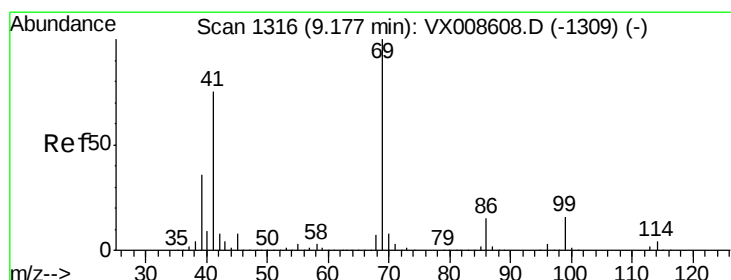
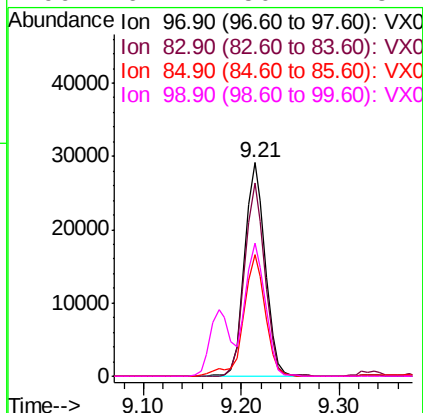
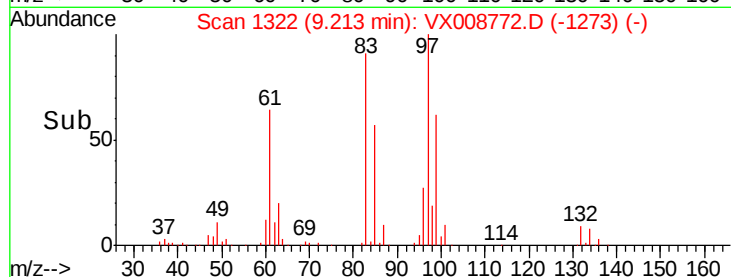
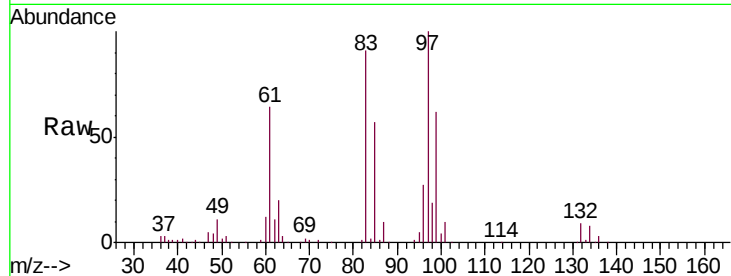
#55
 1,1,2-Trichloroethane
 Concen: 18.565 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion:	97	Resp:	42717
Ion	Ratio	Lower	Upper
97	100		
83	90.6	73.2	109.8
85	57.2	46.6	69.8
99	62.1	50.1	75.1

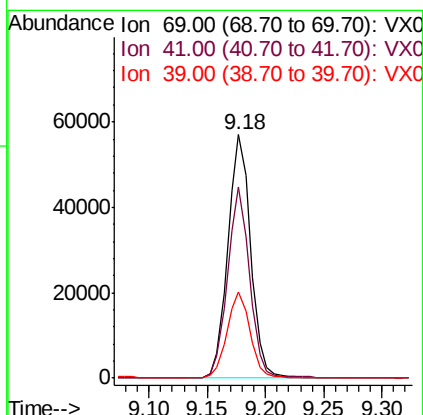
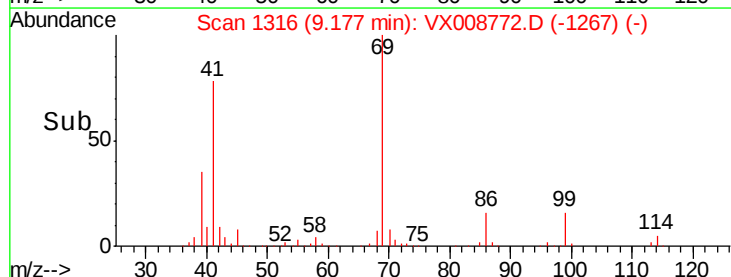
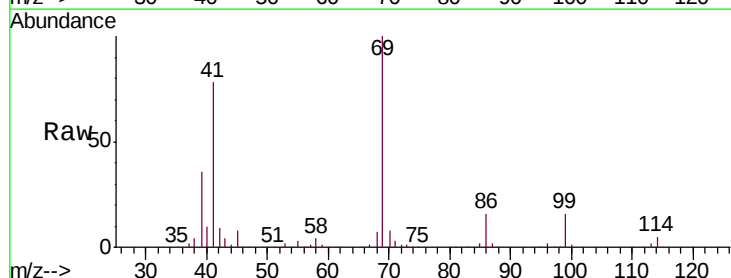
Manual Integrations
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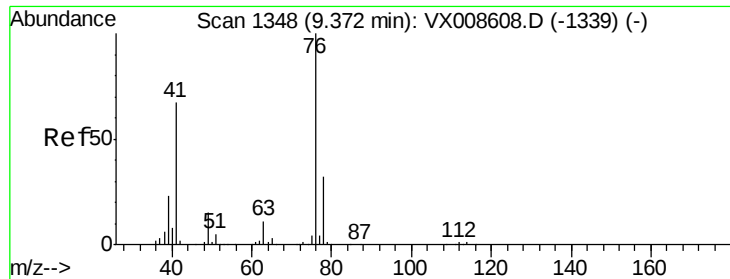
MMDadoda
 4/10/2019 10:05:17 AM



#56
 Ethyl methacrylate
 Concen: 18.651 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion:	69	Resp:	77651
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.1	90.1
39	35.2	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.668 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

Tgt Ion: 76 Resp: 77132

Ion Ratio Lower Upper

76 100

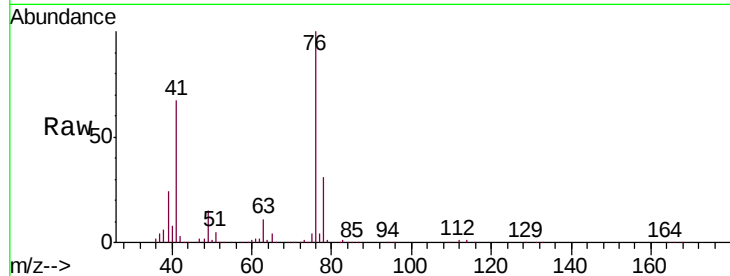
78 31.2 25.6 38.4

Manual Integrations

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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

60000

50000

40000

30000

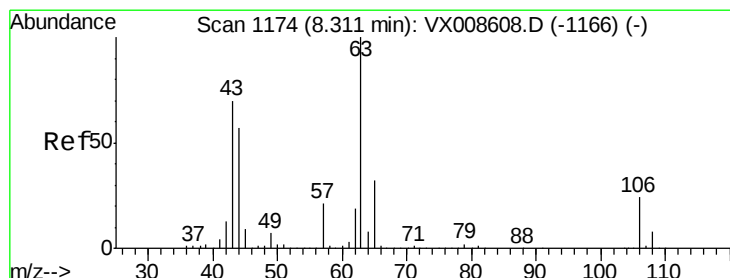
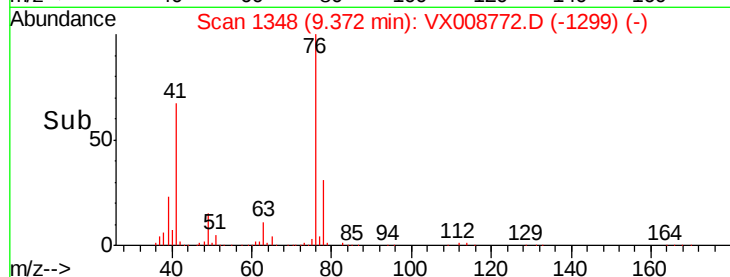
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 94.681 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008772.D

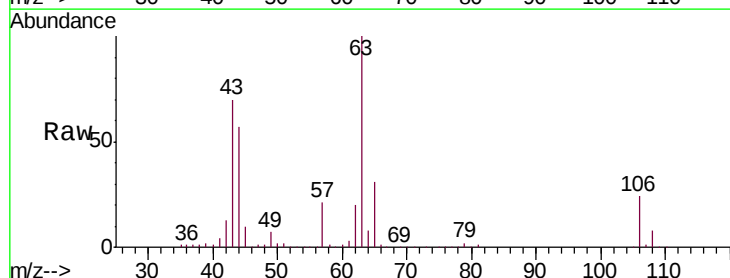
Acq: 09 Apr 2019 15:48

Tgt Ion: 63 Resp: 201276

Ion Ratio Lower Upper

63 100

106 23.9 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

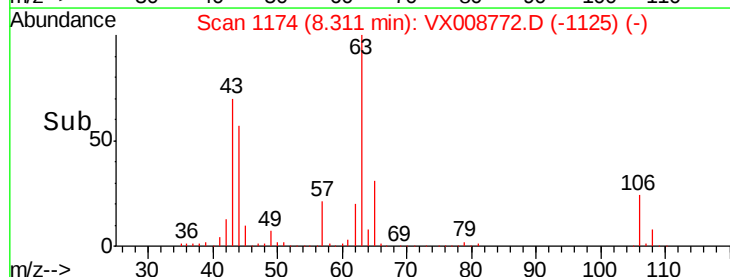
100000

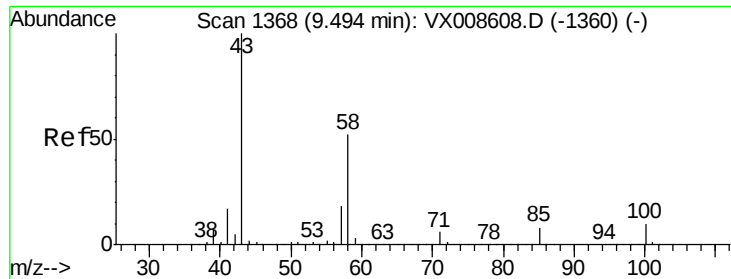
50000

0

8.20 8.30 8.40

Time-->





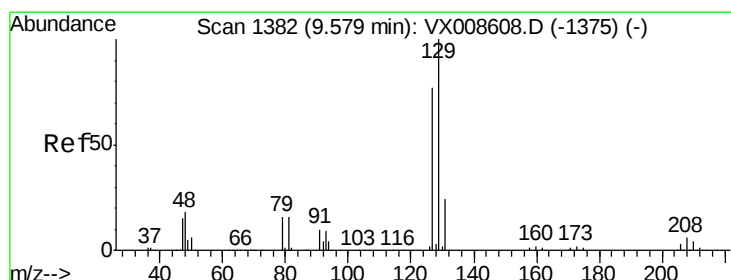
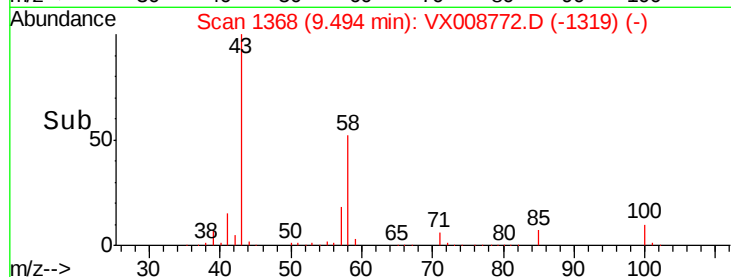
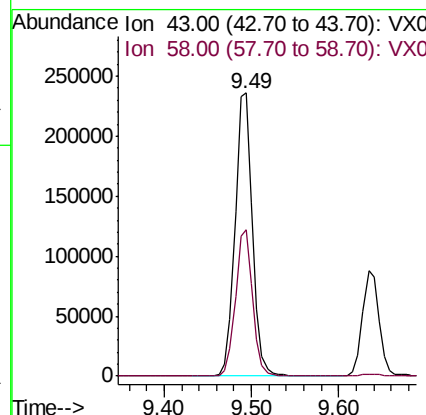
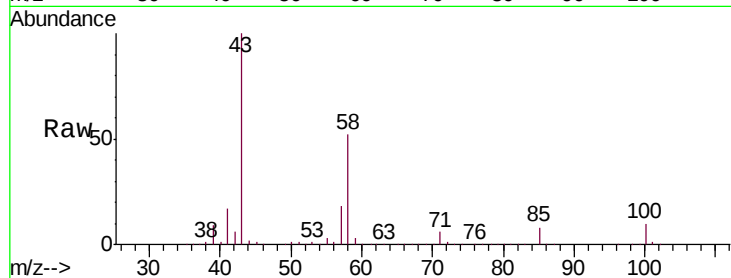
#59
2-Hexanone
Concen: 96.138 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 43 Resp: 328225
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.7

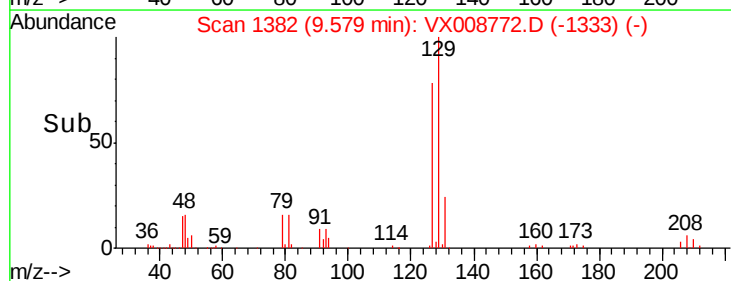
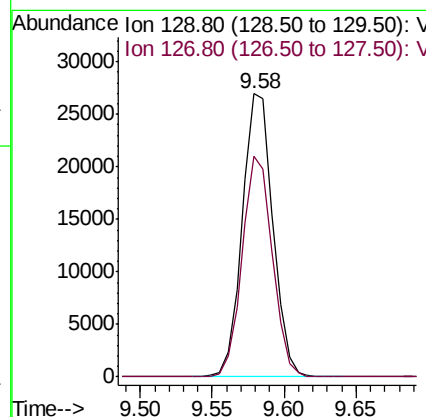
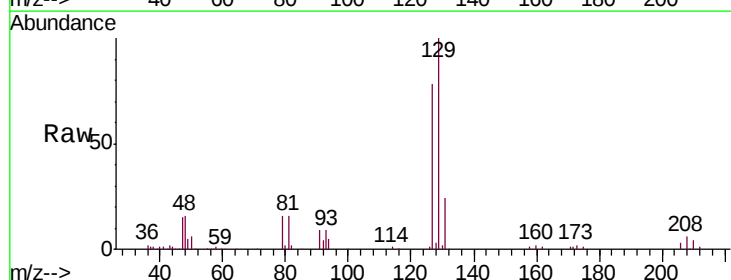
Manual Integrations
APPROVED

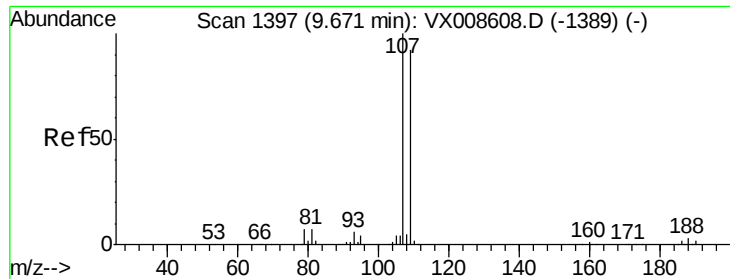
MMDadoda
4/10/2019 10:05:17 AM



#60
Dibromochloromethane
Concen: 18.315 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 129 Resp: 39711
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





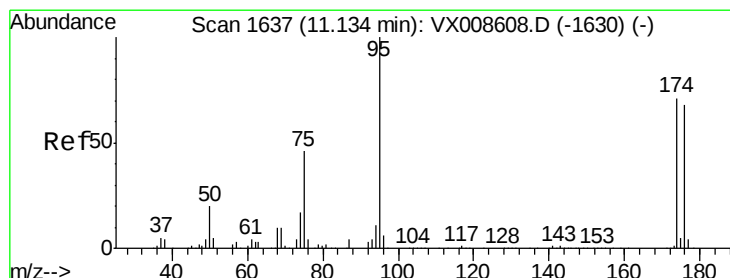
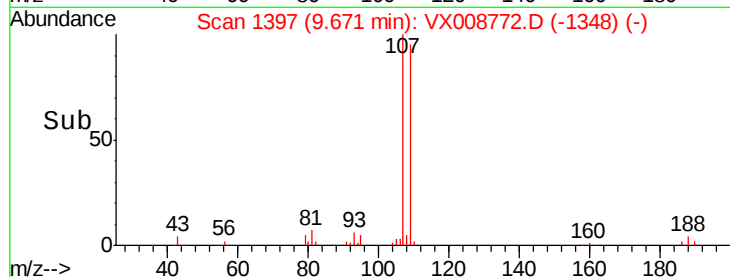
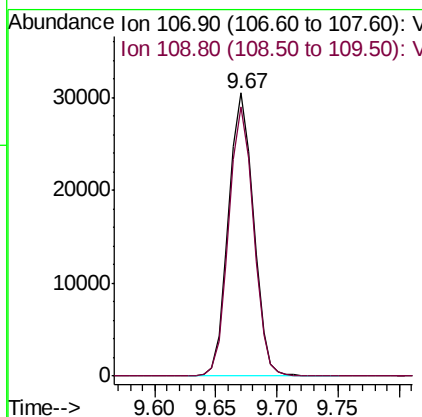
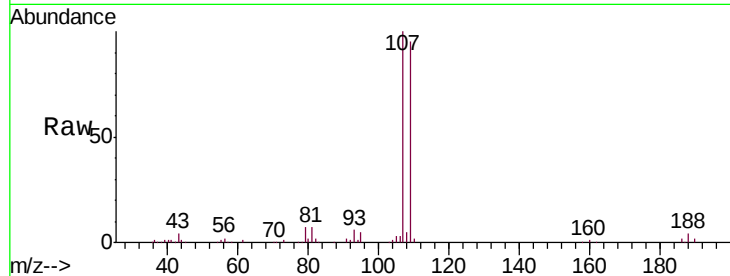
#61
 1,2-Dibromoethane
 Concen: 18.041 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion: 107 Resp: 43217
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.1 111.1

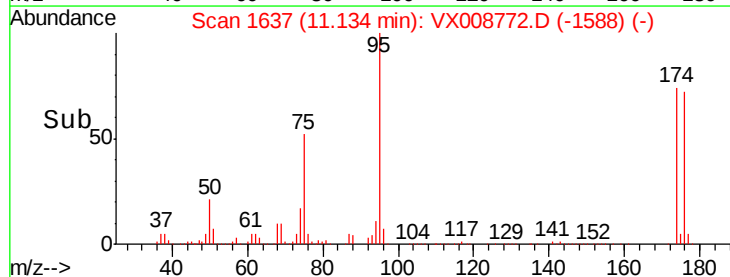
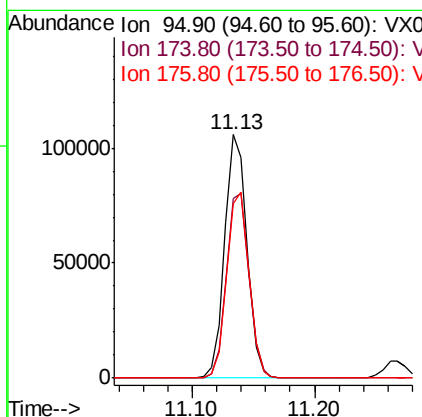
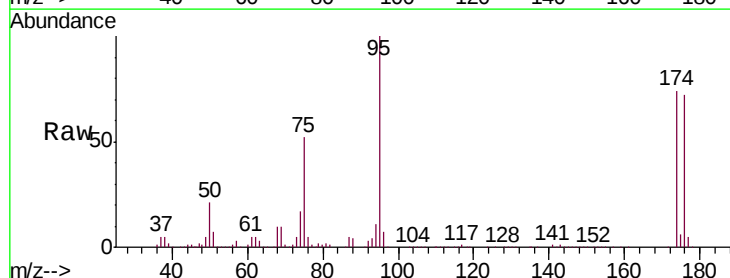
Manual Integrations
 APPROVED

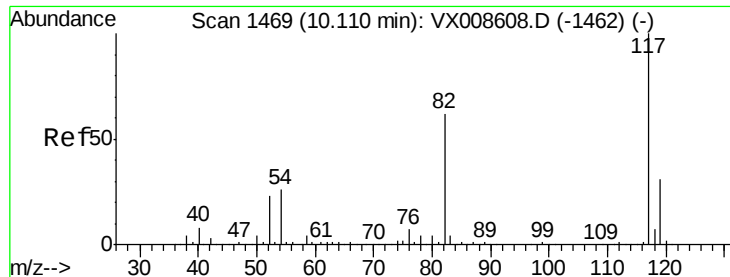
MMDadoda
 4/10/2019 10:05:17 AM



#62
 4-Bromofluorobenzene
 Concen: 49.193 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 95 Resp: 132599
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 151.8
 176 76.4 0.0 145.8





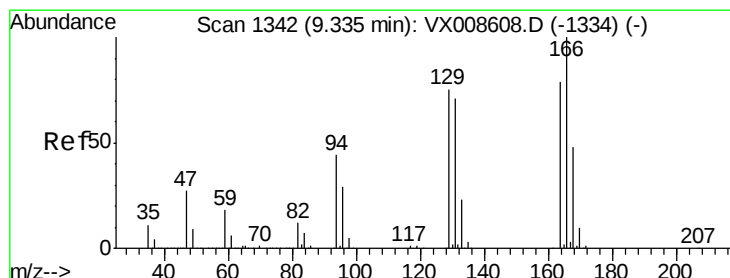
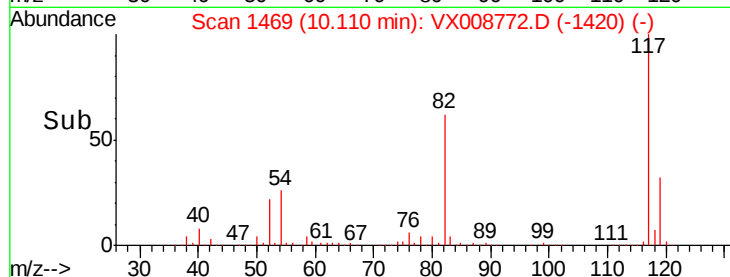
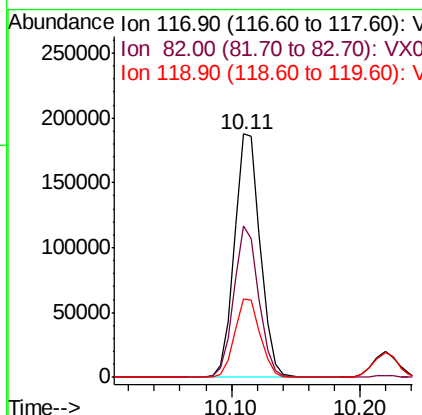
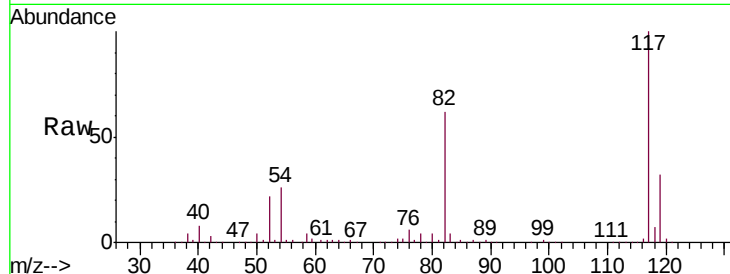
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	260445		
82	62.1	49.6	74.4	
119	32.0	25.0	37.4	

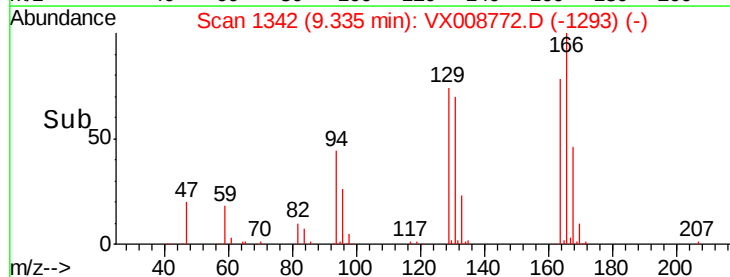
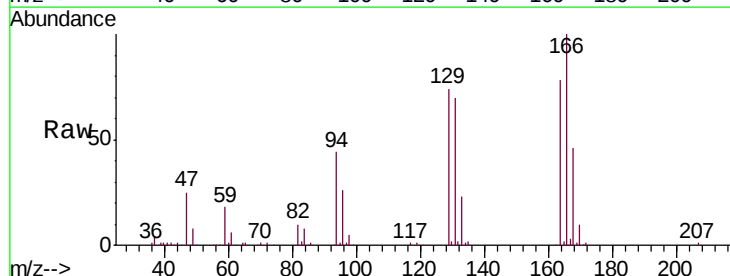
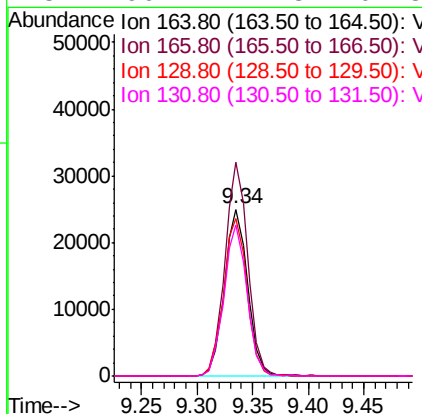
Manual Integrations
APPROVED

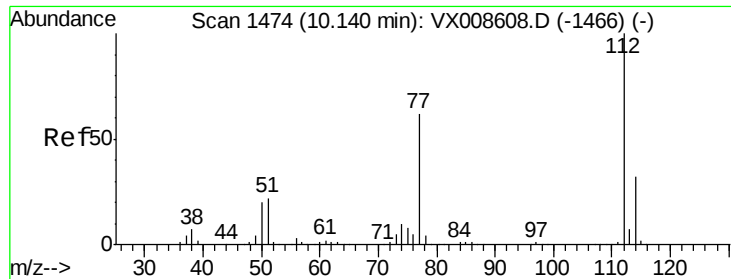
MMDadoda
4/10/2019 10:05:17 AM



#64
Tetrachloroethene
Concen: 18.651 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	35990		
166	128.3	101.0	151.6	
129	94.4	75.8	113.8	
131	90.4	71.8	107.8	





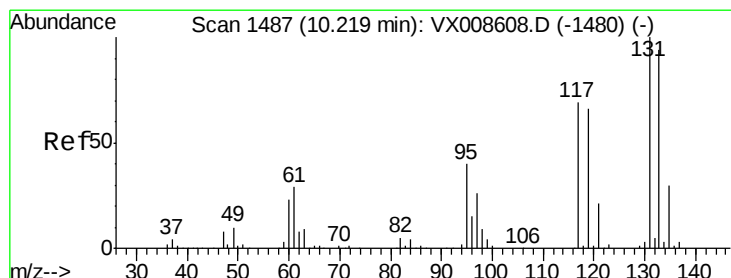
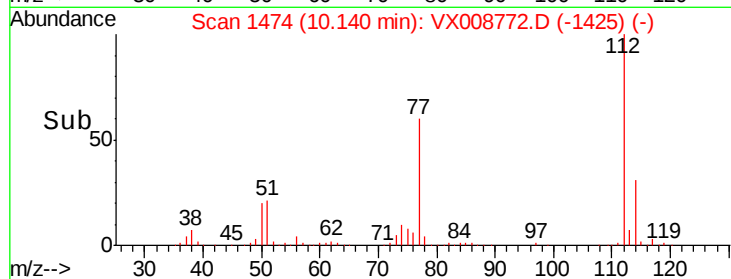
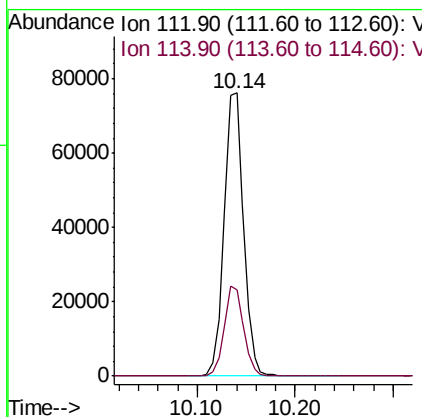
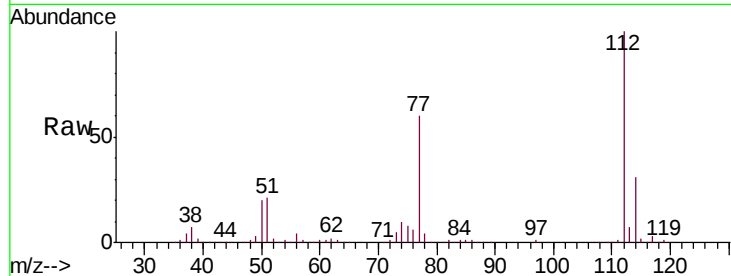
#65
Chlorobenzene
Concen: 18.208 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion:112 Resp: 105117
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8

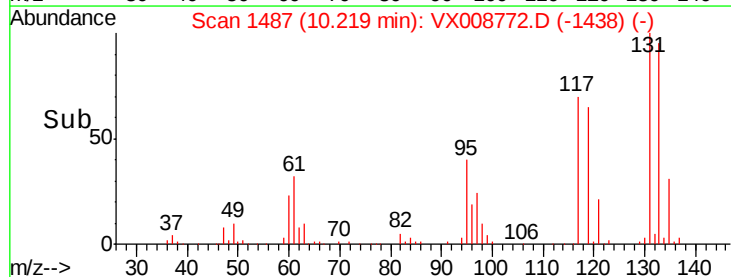
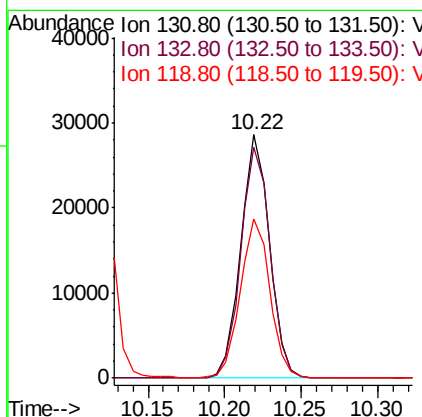
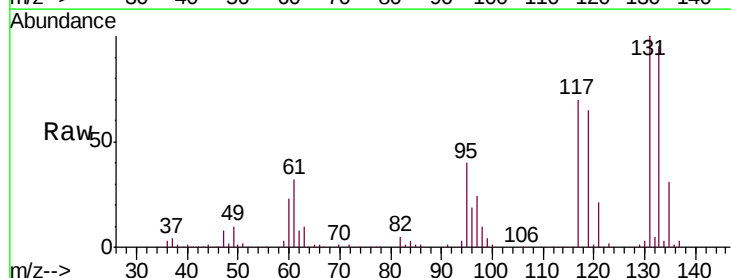
Manual Integrations
APPROVED

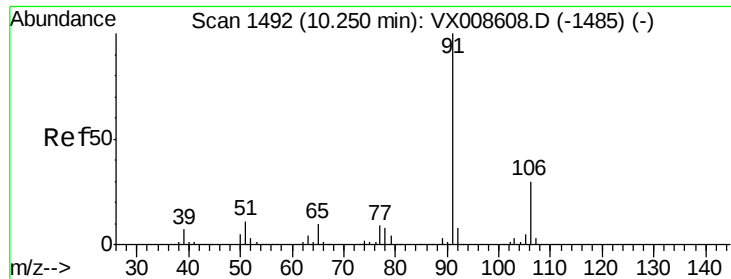
MMDadoda
4/10/2019 10:05:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.397 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion:131 Resp: 37261
Ion Ratio Lower Upper
131 100
133 96.8 47.0 141.2
119 67.2 33.7 101.0





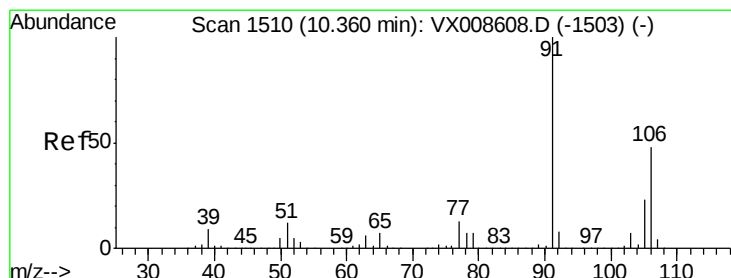
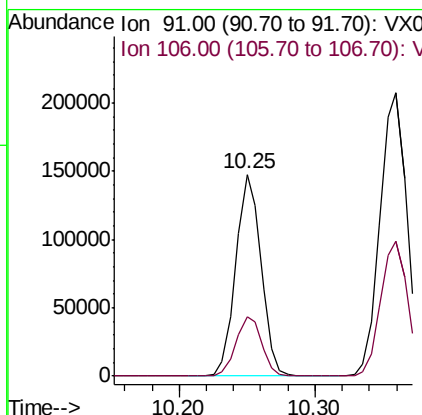
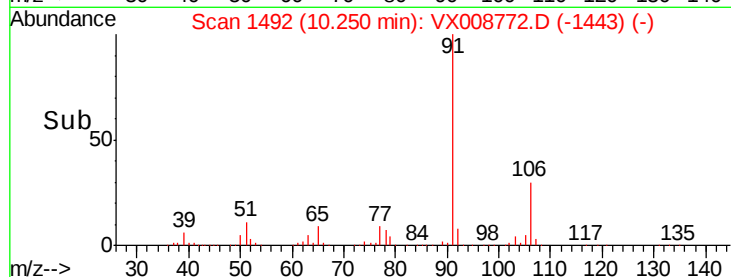
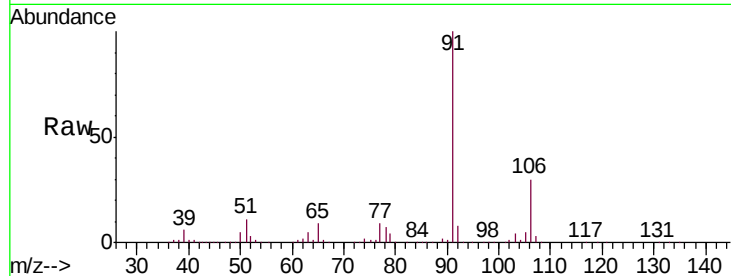
#67
Ethyl Benzene
Concen: 17.790 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 91 Resp: 191513
Ion Ratio Lower Upper
91 100
106 29.7 23.7 35.5

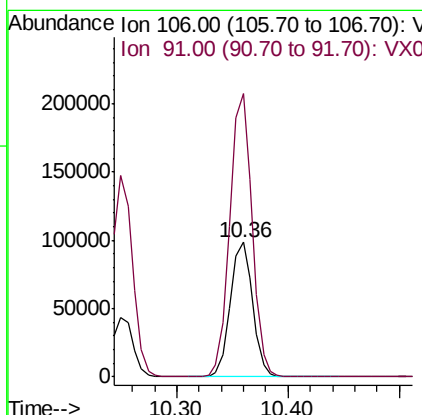
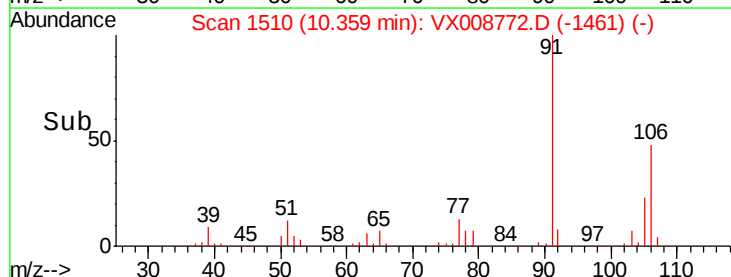
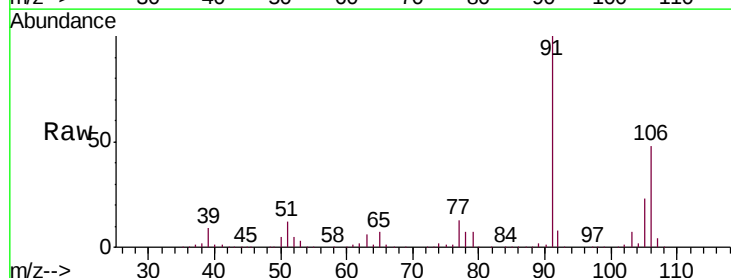
Manual Integrations
APPROVED

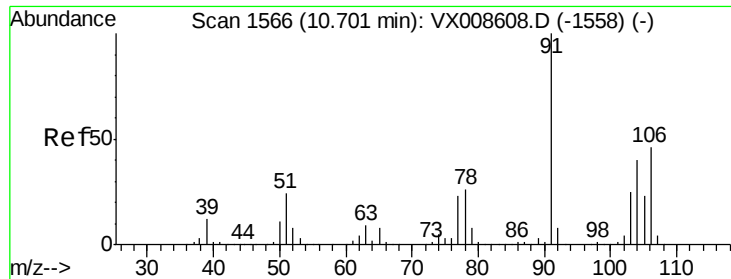
MMDadoda
4/10/2019 10:05:17 AM



#68
m/p-Xylenes
Concen: 35.290 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 106 Resp: 136597
Ion Ratio Lower Upper
106 100
91 210.0 168.5 252.7





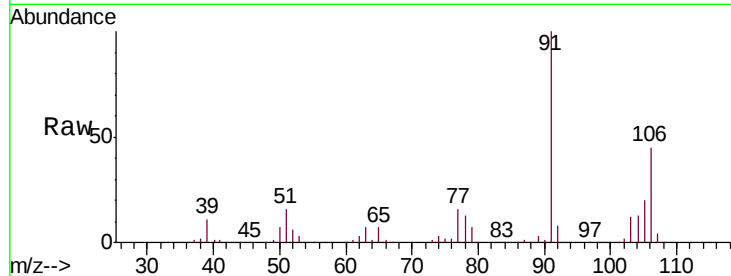
#69
o-Xylene
Concen: 17.998 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampled :
VX0409WBS02

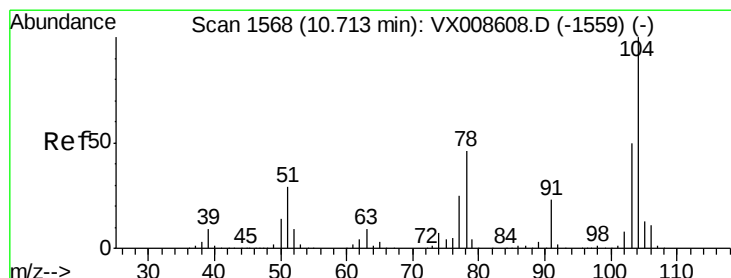
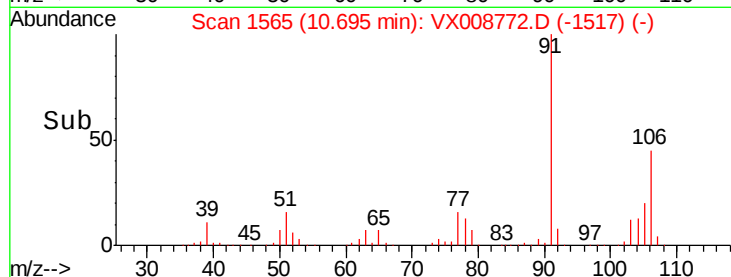
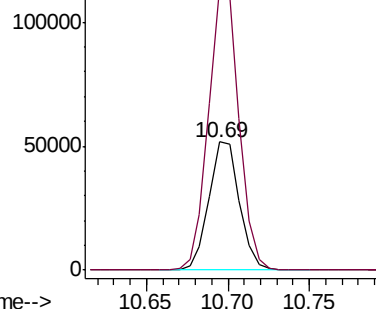
Tgt Ion:106 Resp: 67513
Ion Ratio Lower Upper
106 100
91 219.8 111.5 334.4

Manual Integrations
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MMDadoda
4/10/2019 10:05:17 AM

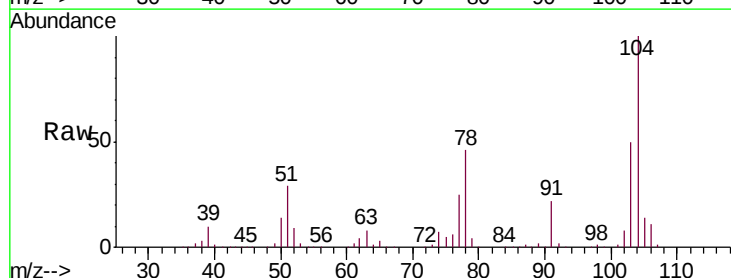


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

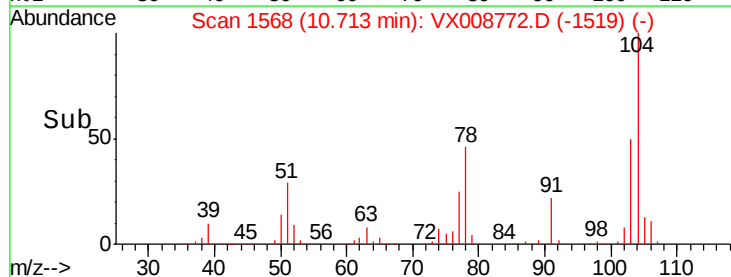
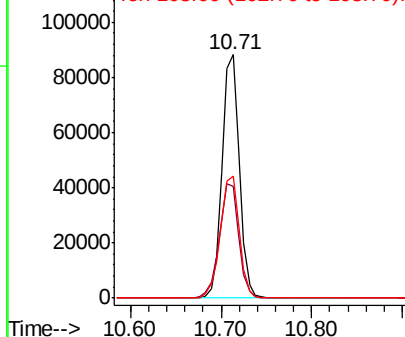


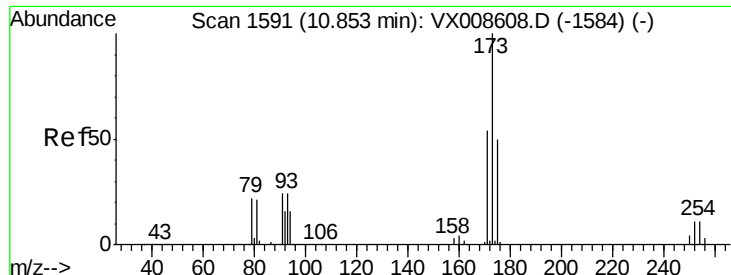
#70
Styrene
Concen: 18.175 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion:104 Resp: 117523
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 55.1 44.4 66.6



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





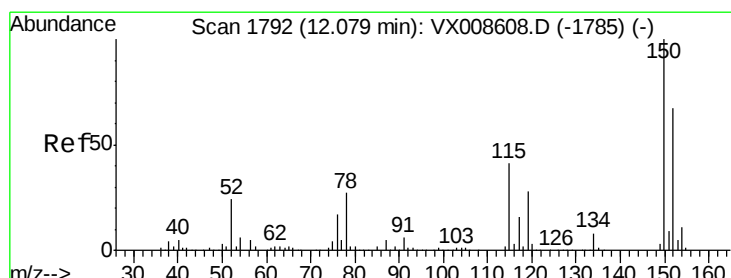
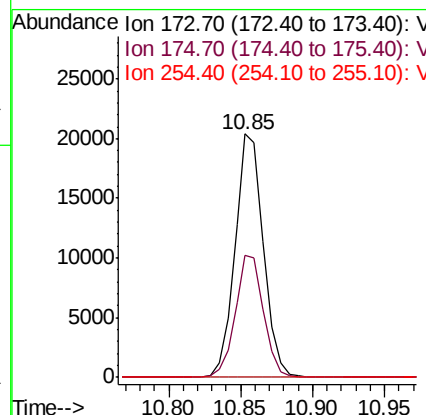
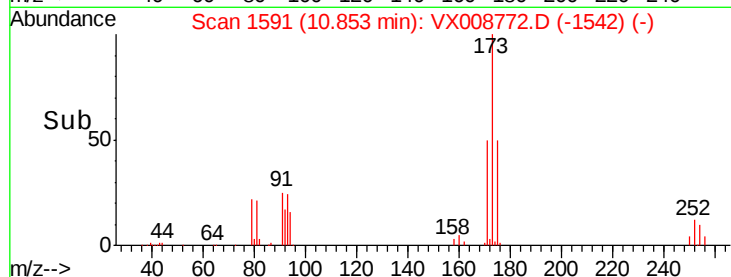
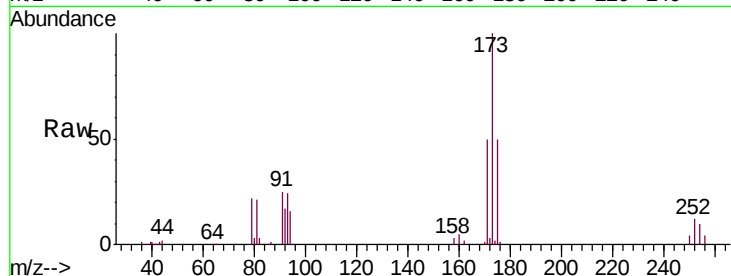
#71
Bromoform
Concen: 18.112 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion:173 Resp: 28017
Ion Ratio Lower Upper
173 100
175 49.7 24.9 74.6
254 0.0 0.1 0.1#

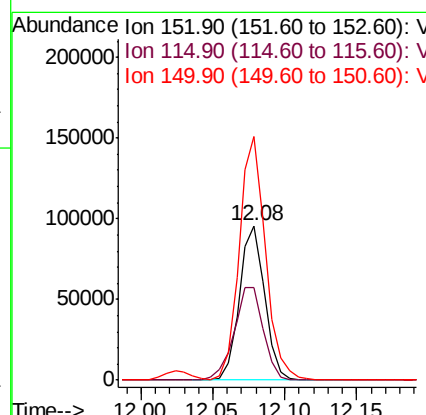
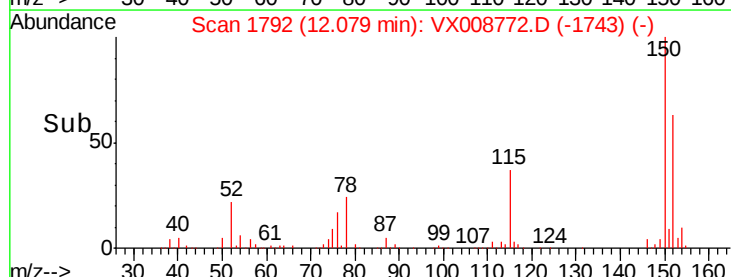
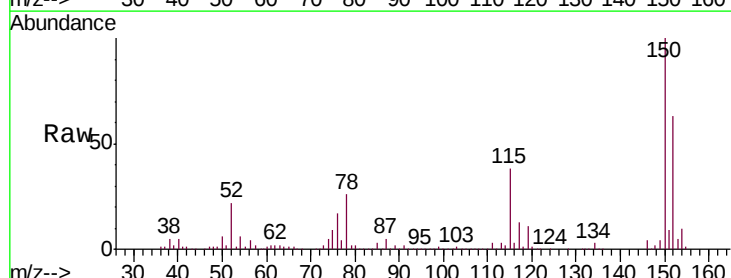
Manual Integrations
APPROVED

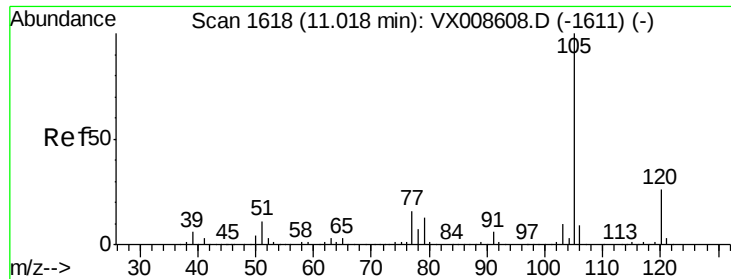
MMDadoda
4/10/2019 10:05:17 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion:152 Resp: 117025
Ion Ratio Lower Upper
152 100
115 69.9 43.5 130.5
150 163.4 0.0 348.8





#73

Isopropylbenzene

Concen: 18.680 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

Tgt Ion: 105 Resp: 181166

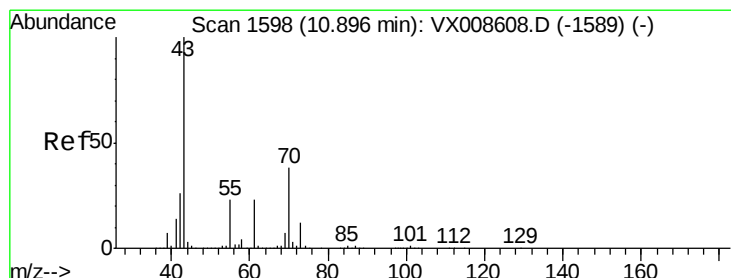
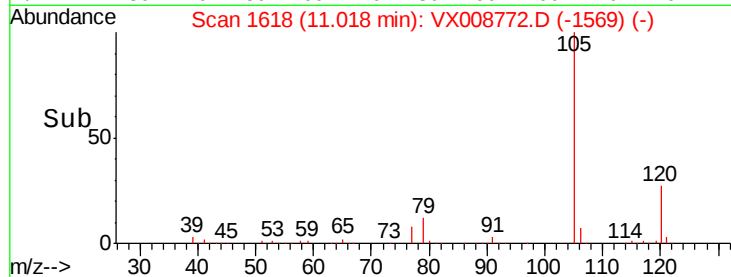
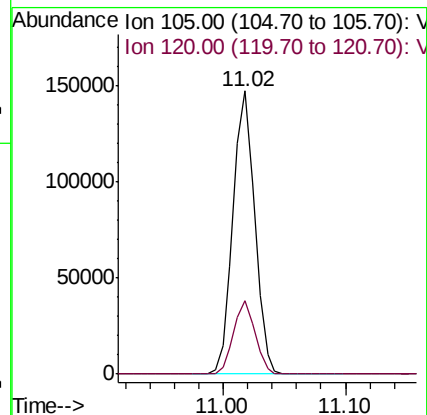
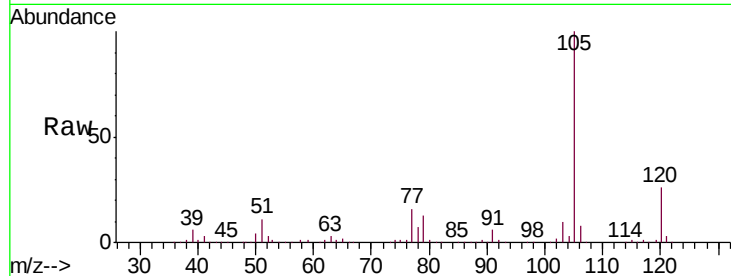
Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6

Manual Integrations
APPROVED

MMDadoda
4/10/2019 10:05:17 AM



#74

N-ethyl acetate

Concen: 18.603 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Tgt Ion: 43 Resp: 106145

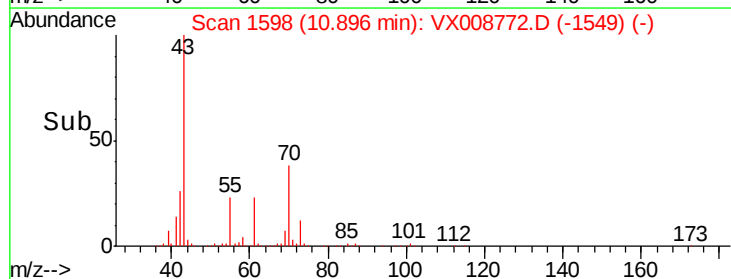
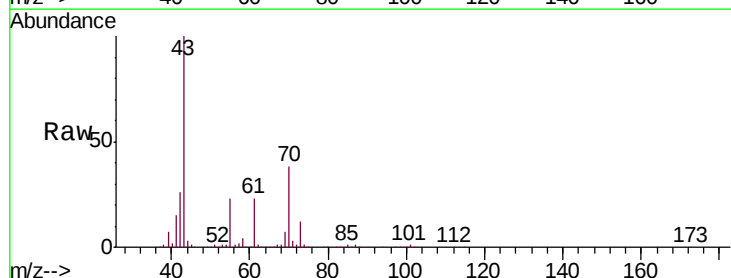
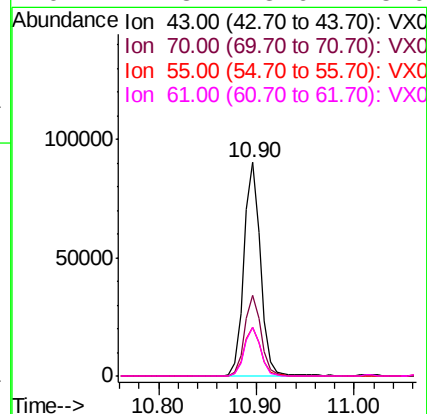
Ion Ratio Lower Upper

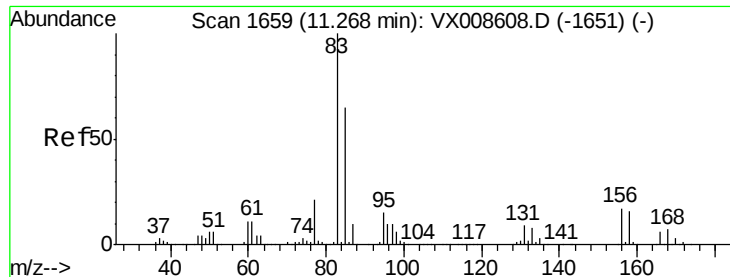
43 100

70 37.5 30.2 45.4

55 23.2 18.2 27.4

61 22.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.999 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

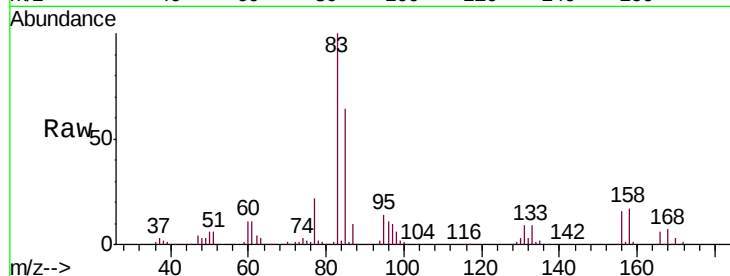
ClientSampleId :

VX0409WBS02

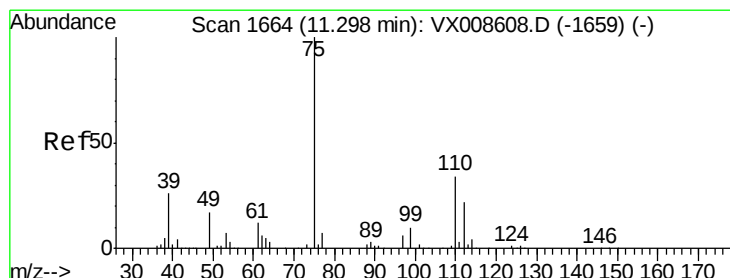
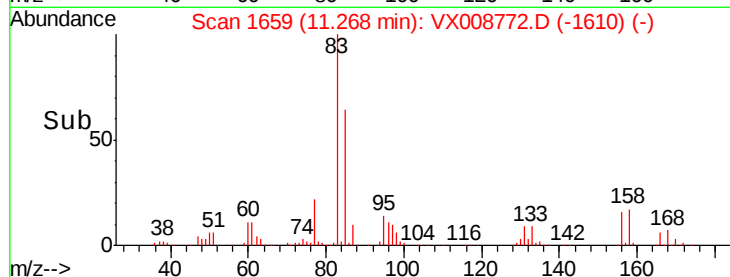
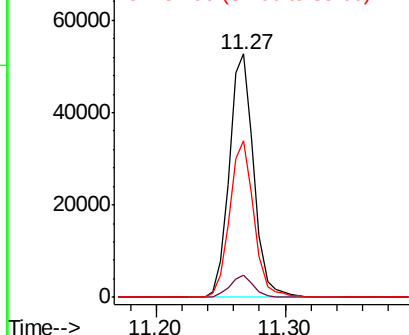
Tgt Ion:	83	Resp:	70074
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.5	13.7
85	63.8	32.0	96.2

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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: 18.781 ug/l m

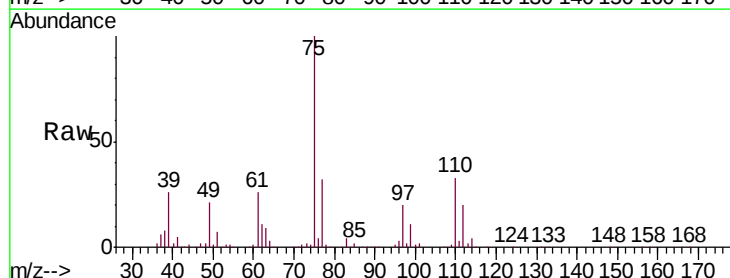
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

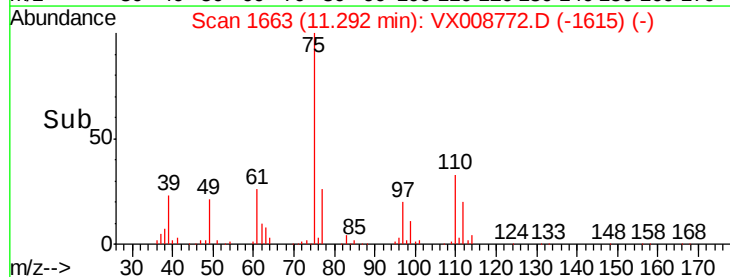
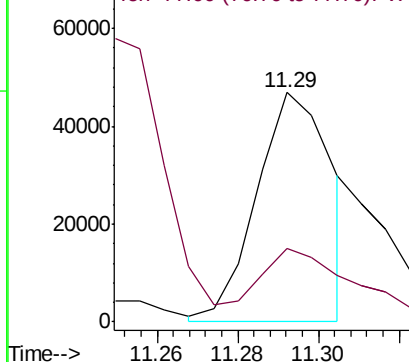
Lab File: VX008772.D

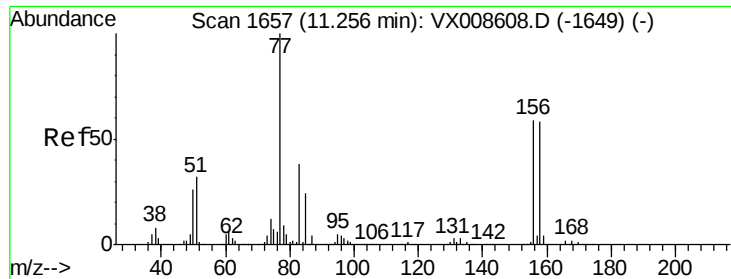
Acq: 09 Apr 2019 15:48

Tgt Ion:	75	Resp:	60376
Ion Ratio	Lower	Upper	
75	100		
77	42.6	22.3	66.8



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





#77

Bromobenzene

Concen: 18.600 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

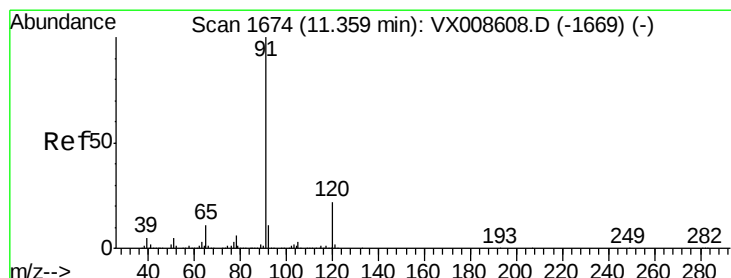
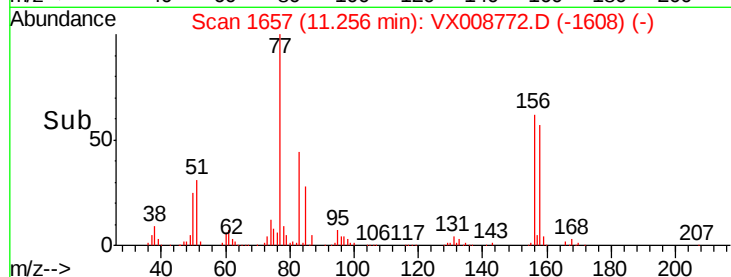
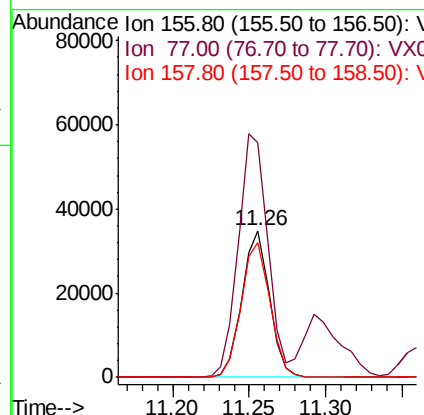
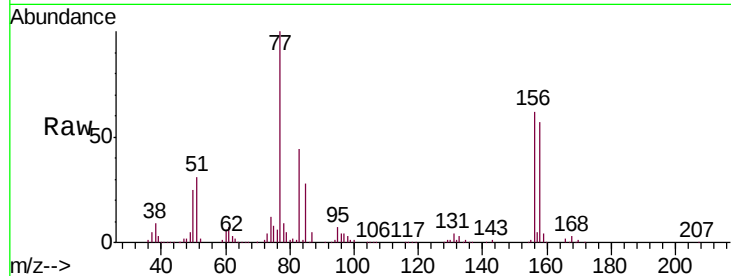
ClientSampleId :

VX0409WBS02

Tgt Ion:	156	Resp:	43366
Ion	Ratio	Lower	Upper
156	100		
77	178.3	89.8	269.6
158	96.3	48.6	145.9

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#78

n-propylbenzene

Concen: 18.257 ug/l

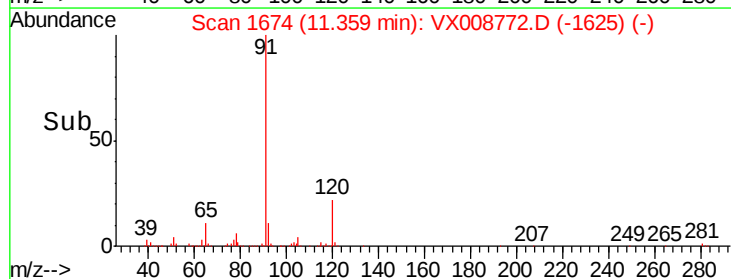
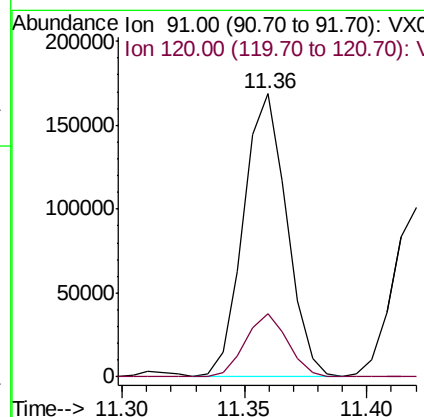
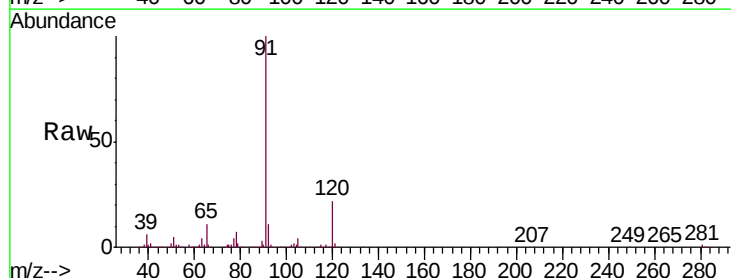
RT: 11.36 min Scan# 1674

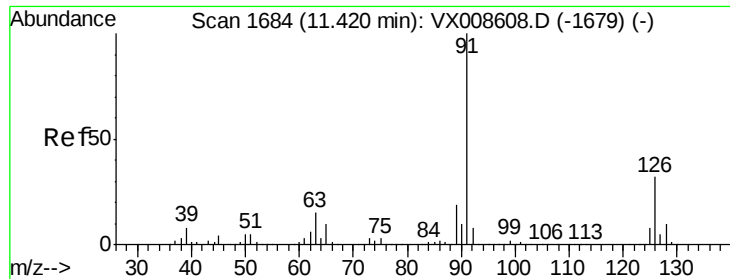
Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Tgt Ion:	91	Resp:	206165
Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.7





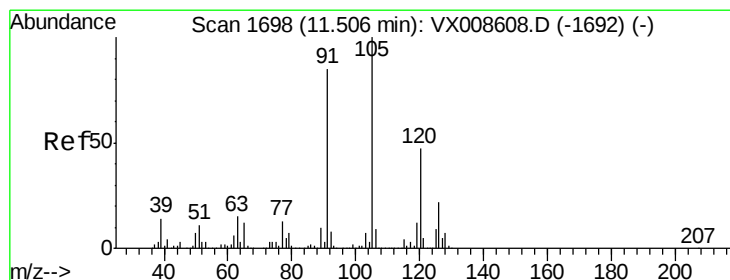
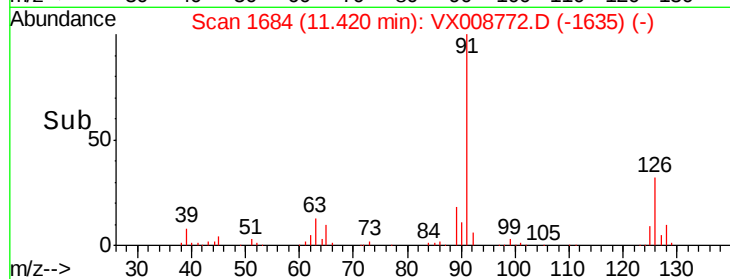
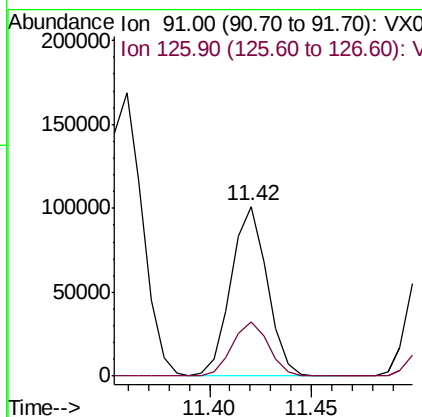
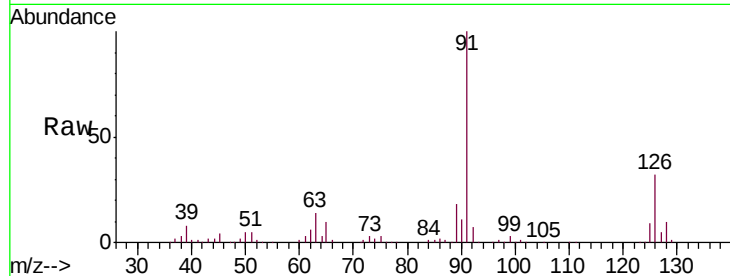
#79
 2-Chlorotoluene
 Concen: 18.060 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion: 91 Resp: 123418
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.3

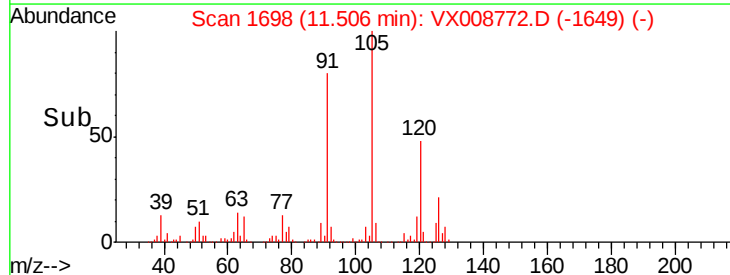
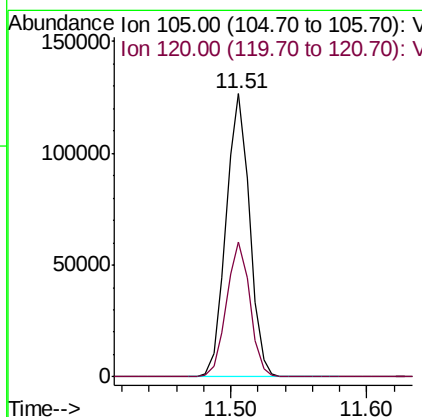
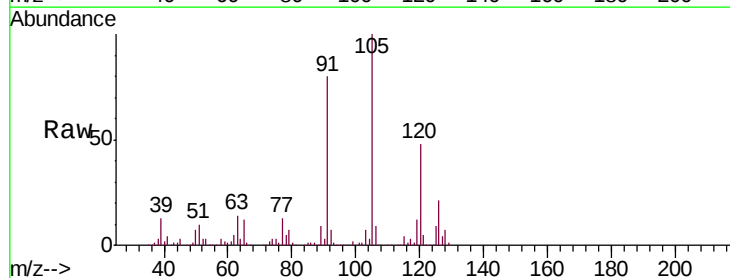
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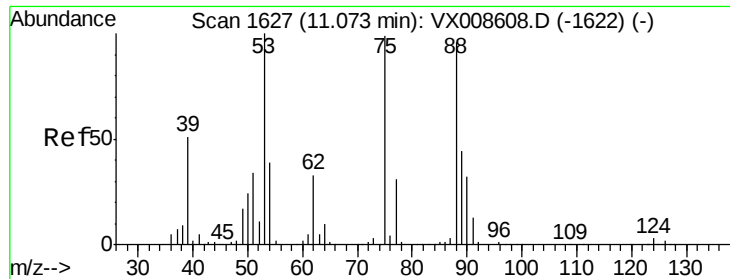
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.620 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 105 Resp: 151583
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.5 70.6





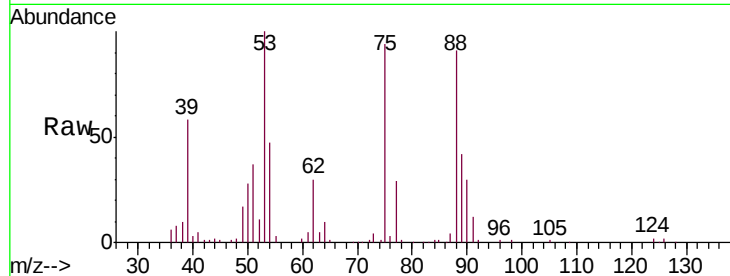
#81
trans-1,4-Dichloro-2-butene
Concen: 18.525 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

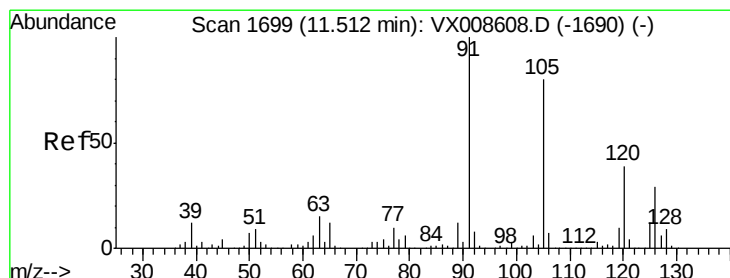
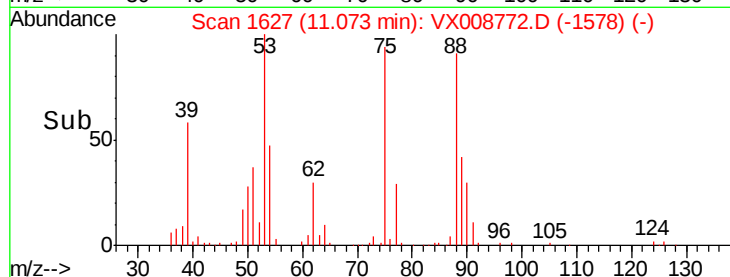
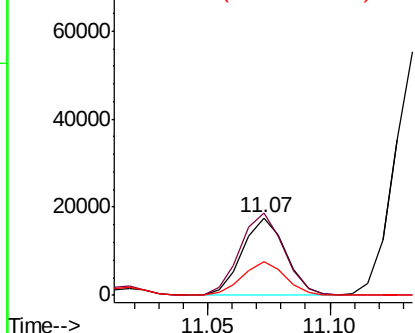
Tgt Ion: 75 Resp: 21605
Ion Ratio Lower Upper
75 100
53 109.4 81.3 121.9
89 43.9 35.6 53.4

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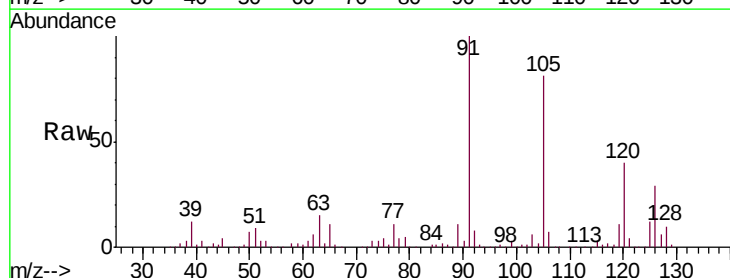


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

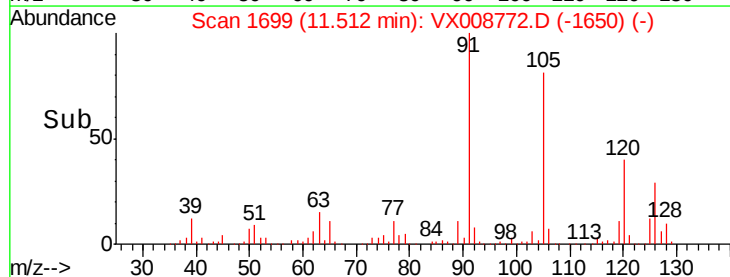
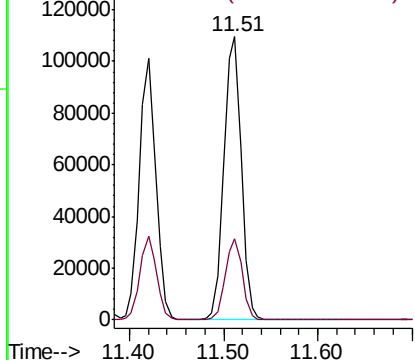


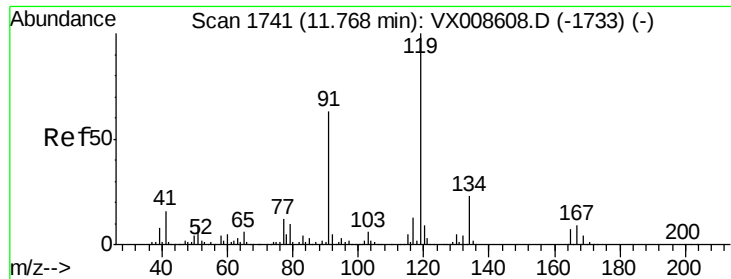
#82
4-Chlorotoluene
Concen: 17.816 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 91 Resp: 140929
Ion Ratio Lower Upper
91 100
126 28.0 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





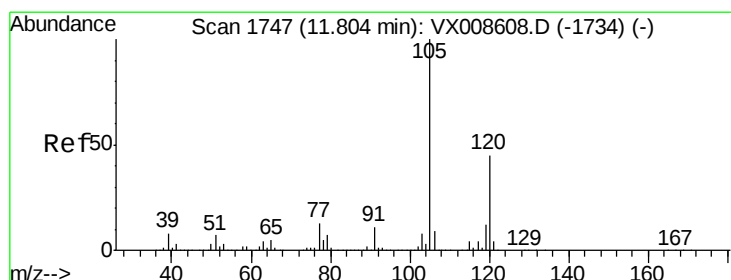
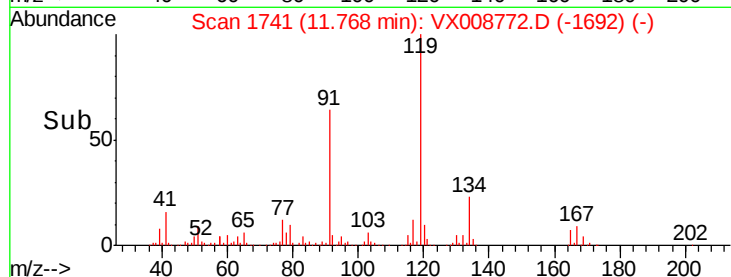
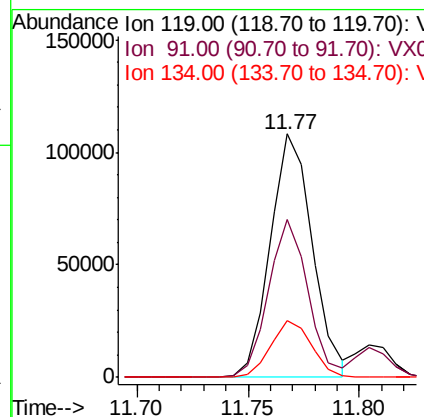
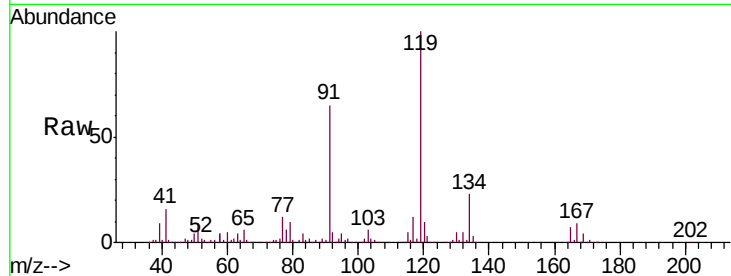
#83
tert-Butylbenzene
Concen: 18.105 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	141801		
91	61.0	30.0	90.1	
134	22.8	11.1	33.3	

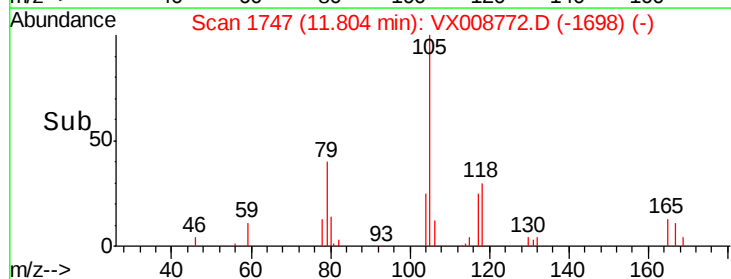
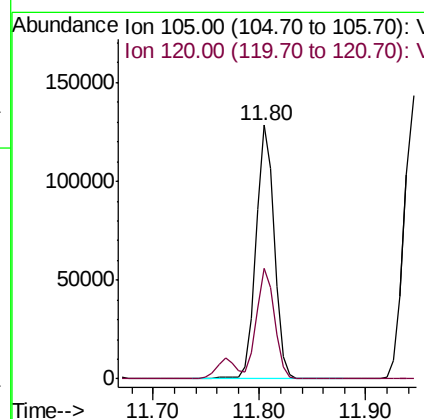
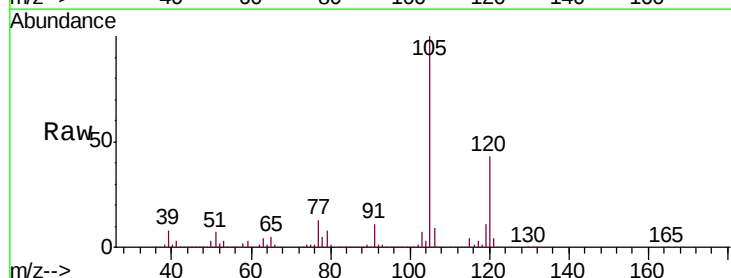
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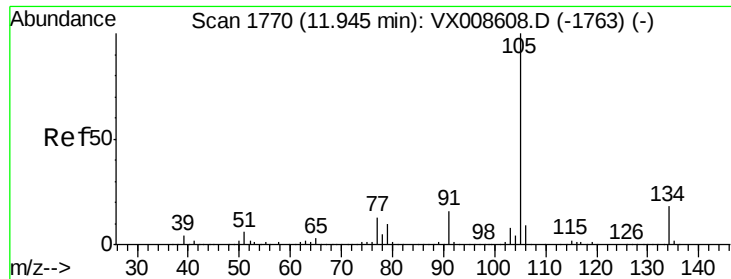
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#84
1,2,4-Trimethylbenzene
Concen: 18.756 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154608		
120	42.7	21.8	65.3	





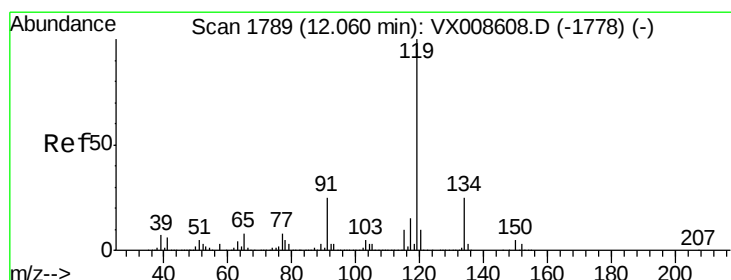
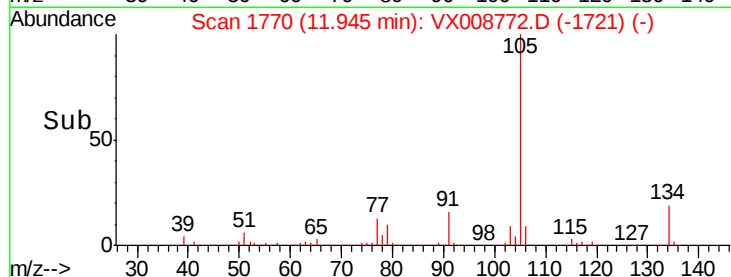
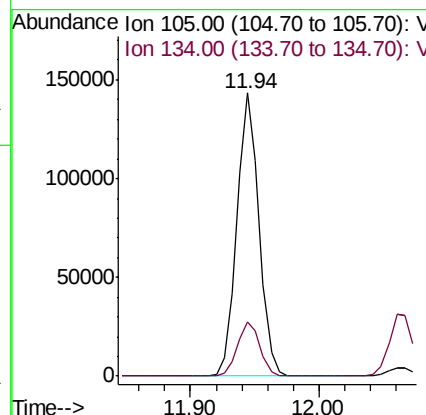
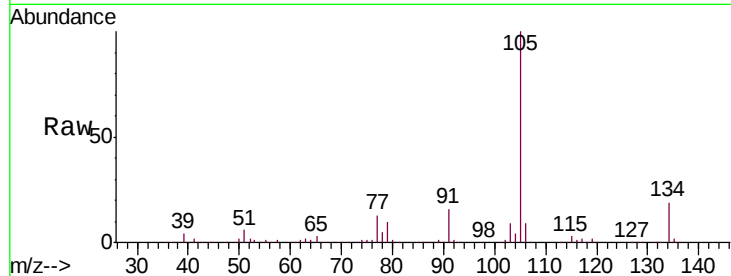
#85
 sec-Butylbenzene
 Concen: 18.474 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion:105 Resp: 171869
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.4 28.2

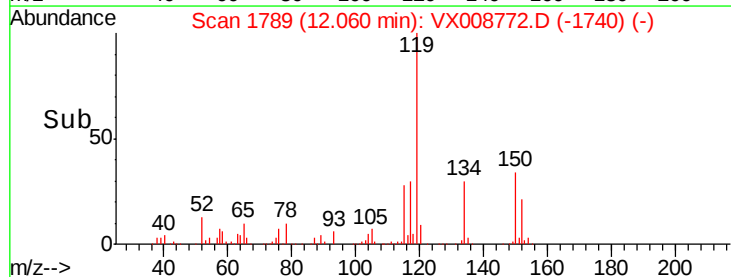
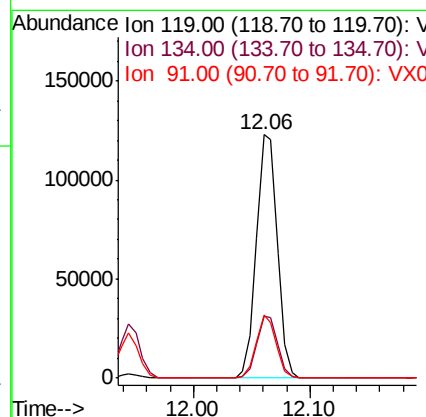
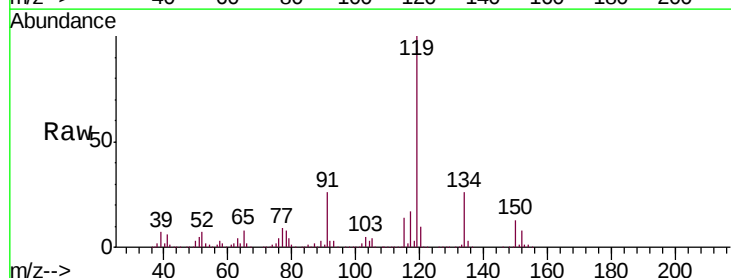
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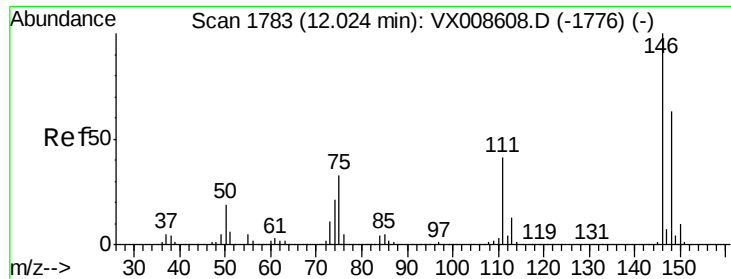
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#86
 p-Isopropyltoluene
 Concen: 18.580 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion:119 Resp: 155142
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.6 12.2 36.6





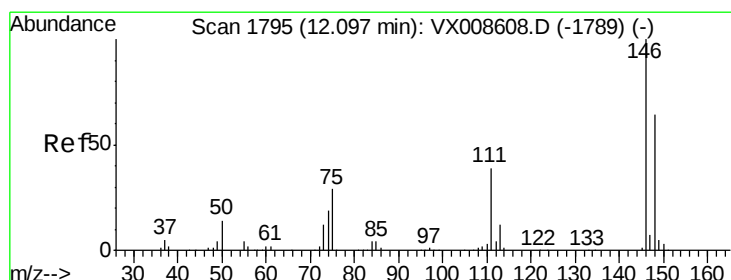
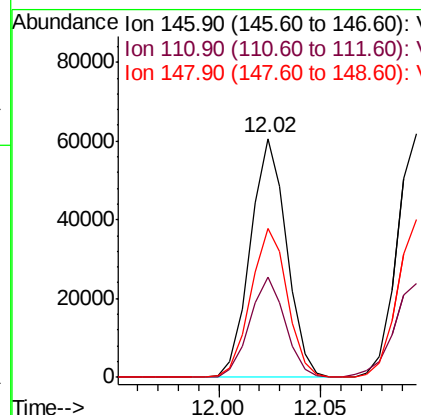
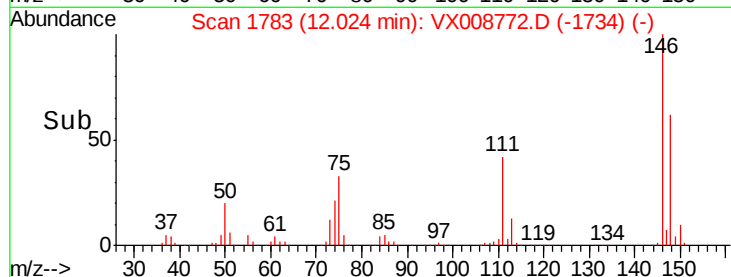
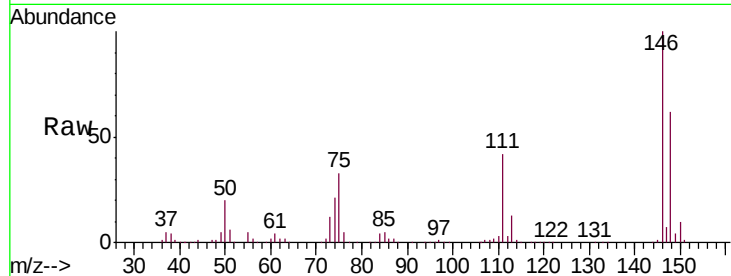
#87
 1,3-Dichlorobenzene
 Concen: 17.942 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	62.7	31.6	94.7

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#88
 1,4-Dichlorobenzene
 Concen: 17.704 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	64.5	32.0	96.0

