

Data File : VX008783.D
Acq On : 09 Apr 2019 20:05
Operator : JC/SP
Sample : VX0409WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Manual Integrations
APPROVED

MMDadoda
4/10/2019 10:05:23 AM

Quant Time: Apr 10 08:01:03 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	175448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119927	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.50	113	88026	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.71	98	354726	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.13	95	126515	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	32361	16.024	ug/l	98
3) Chloromethane	1.32	50	48811	18.663	ug/l	98
4) Vinyl Chloride	1.41	62	46344	16.975	ug/l	100
5) Bromomethane	1.64	94	23736	18.869	ug/l	98
6) Chloroethane	1.72	64	30273	18.390	ug/l	100
7) Trichlorofluoromethane	1.93	101	52792	17.493	ug/l	99
8) Diethyl Ether	2.19	74	25570	17.867	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33890	17.442	ug/l	98
10) Methyl Iodide	2.51	142	30976	20.106	ug/l	99
11) Tert butyl alcohol	3.04	59	59049	98.563	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36133	17.814	ug/l	99
13) Acrolein	2.29	56	36490	122.836	ug/l	97
14) Allyl chloride	2.73	41	82388	17.743	ug/l	99
15) Acrylonitrile	3.14	53	147657	93.035	ug/l	99
16) Acetone	2.44	43	126726	85.979	ug/l	96
17) Carbon Disulfide	2.57	76	97986	16.229	ug/l	99
18) Methyl Acetate	2.78	43	71272	19.938	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	134777	18.606	ug/l	100
20) Methylene Chloride	2.86	84	43186	17.504	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	37926	17.286	ug/l	96
22) Diisopropyl ether	3.85	45	166360	18.588	ug/l	89
23) Vinyl Acetate	3.81	43	728995	93.634	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79965	18.046	ug/l	99
25) 2-Butanone	4.67	43	218295	93.706	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49849	15.973	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45308	17.962	ug/l	96
28) Bromochloromethane	5.01	49	40209	19.902	ug/l	99
29) Tetrahydrofuran	5.13	42	144700	93.585	ug/l	100
30) Chloroform	5.21	83	72698	18.369	ug/l	100
31) Cyclohexane	5.58	56	76006	17.190	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	57831	18.082	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54531	17.025	ug/l	99
37) Ethyl Acetate	4.84	43	80295	18.781	ug/l	98
38) Carbon Tetrachloride	5.79	117	47027	17.740	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64903	16.403	ug/l	98
40) Benzene	6.14	78	172029	18.029	ug/l	100
41) Methacrylonitrile	5.04	41	46192	18.797	ug/l	98
42) 1,2-Dichloroethane	6.20	62	62443	18.254	ug/l	100
43) Isopropyl Acetate	6.45	43	126799	18.933	ug/l	99
44) Trichloroethene	7.21	130	39263	17.667	ug/l	98
45) 1,2-Dichloropropane	7.51	63	49701	18.249	ug/l	100
46) Dibromomethane	7.66	93	27718	17.548	ug/l	97
47) Bromodichloromethane	7.90	83	54623	18.340	ug/l	96
48) Methyl methacrylate	7.77	41	63748	18.817	ug/l	99
49) 1,4-Dioxane	7.74	88	24741	389.852	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	424632	98.494	ug/l	100
52) Toluene	8.78	92	104128	18.510	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	60315	18.079	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67369	17.673	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42668	18.896	ug/l	98
56) Ethyl methacrylate	9.18	69	77716	19.022	ug/l	99
57) 1,3-Dichloropropane	9.37	76	75020	18.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	195647	93.781	ug/l	99
59) 2-Hexanone	9.49	43	325787	97.237	ug/l	100
60) Dibromochloromethane	9.58	129	39409	18.521	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42663	18.149	ug/l	99
64) Tetrachloroethene	9.34	164	34775	18.017	ug/l	97
65) Chlorobenzene	10.13	112	106925	18.516	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	37192	18.358	ug/l	100
67) Ethyl Benzene	10.25	91	196403	18.240	ug/l	99
68) m/p-Xylenes	10.36	106	139767	36.100	ug/l	99
69) o-Xylene	10.69	106	70185	18.706	ug/l	96
70) Styrene	10.71	104	120081	18.566	ug/l	99
71) Bromoform	10.85	173	29249	18.904	ug/l #	96
73) Isopropylbenzene	11.02	105	184684	18.653	ug/l	100
74) N-amyl acetate	10.90	43	111961	19.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70210	18.646	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	61207m	18.649	ug/l	
77) Bromobenzene	11.26	156	45360	19.057	ug/l	96
78) n-propylbenzene	11.36	91	209532	18.175	ug/l	100
79) 2-Chlorotoluene	11.42	91	126423	18.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155596	18.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20732	17.413	ug/l	95
82) 4-Chlorotoluene	11.51	91	143915	17.821	ug/l	98
83) tert-Butylbenzene	11.77	119	147355	18.429	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	155811	18.515	ug/l	100
85) sec-Butylbenzene	11.94	105	175107	18.437	ug/l	100
86) p-Isopropyltoluene	12.06	119	156501	18.359	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77916	18.286	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	75978	17.609	ug/l	98
89) n-Butylbenzene	12.38	91	143235	17.917	ug/l	100
90) Hexachloroethane	12.60	117	25596	18.103	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	77549	18.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15430	18.628	ug/l	98

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

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Operator : JC/SP
Sample : VX0409WBSD02
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Apr 10 08:01:03 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)
93) 1,2,4-Trichlorobenzene	13.65	180	54388	18.489	ug/l	99
94) Hexachlorobutadiene	13.78	225	26636	18.881	ug/l	100
95) Naphthalene	13.83	128	184803	18.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53785	18.300	ug/l	99

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

Data File : VX008783.D

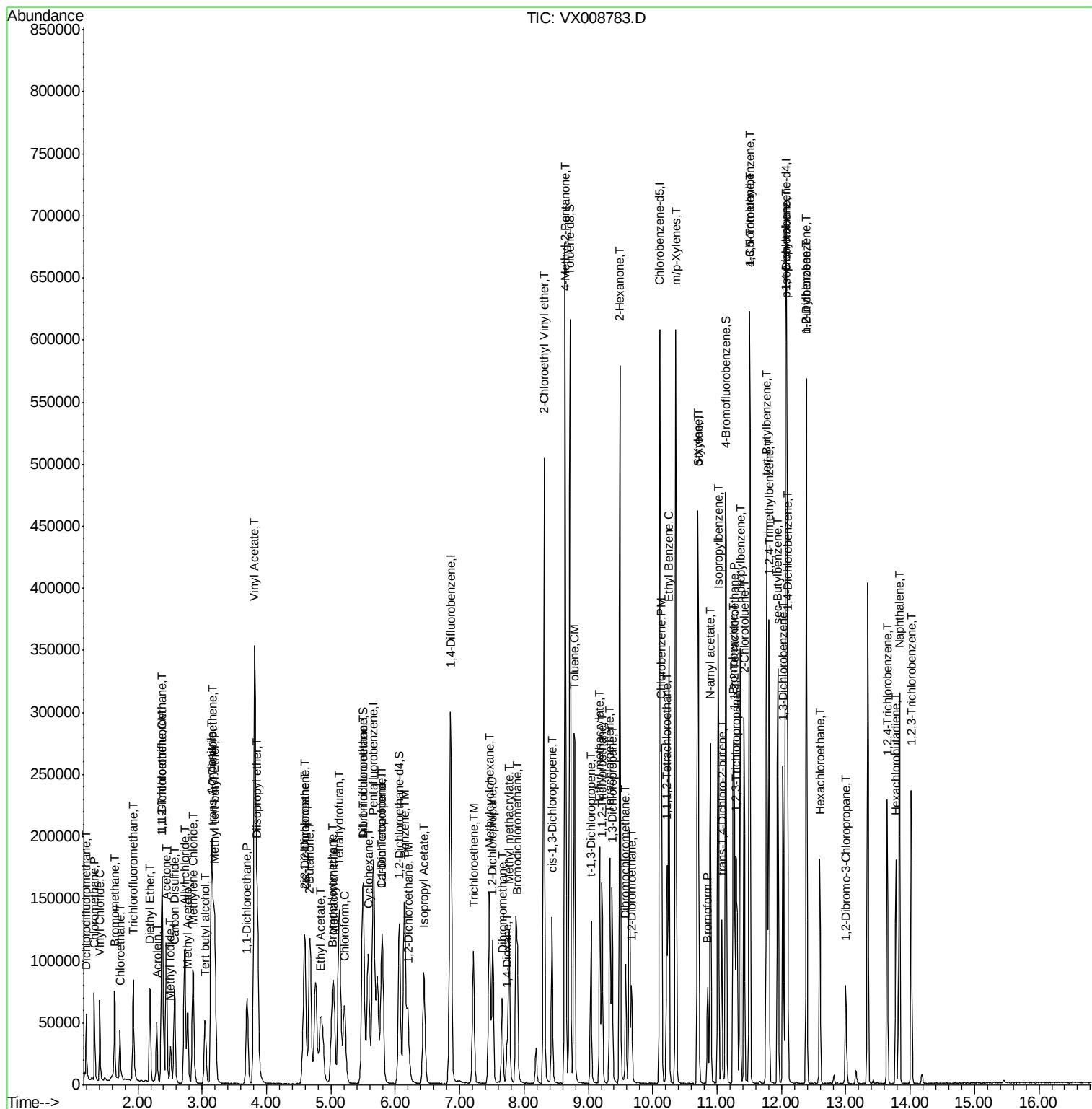
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Acq On       : 09 Apr 2019   20:05
Operator     : JC/SP
Sample       : VX0409WBSD02
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 25   Sample Multiplier: 1
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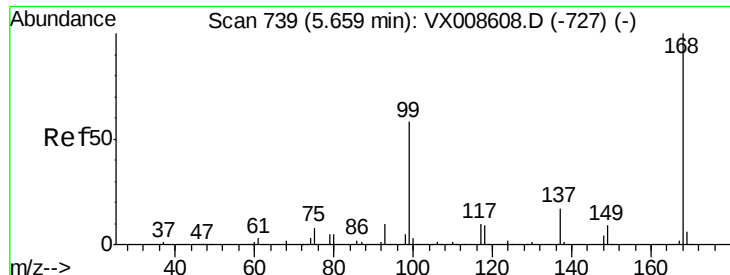
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Manual Integrations
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MMDadoda
4/10/2019 10:05:23 AM

Quant Time: Apr 10 08:01:03 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampled :

VX0409WBSD02

Tgt Ion:168 Resp: 175448

Ion Ratio Lower Upper

168 100

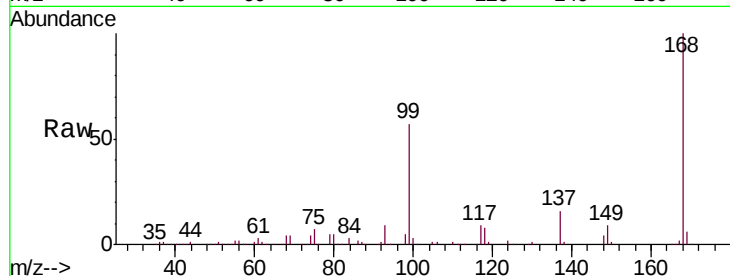
99 56.6 46.7 70.1

Manual Integrations

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4/10/2019 10:05:23 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

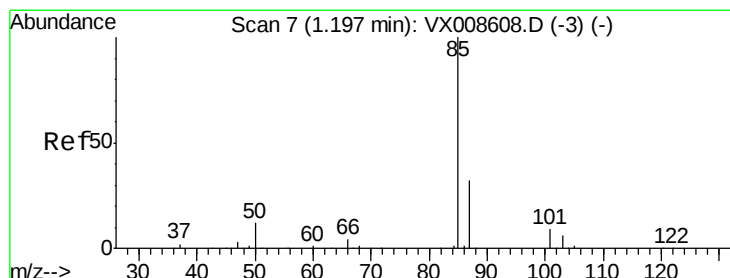
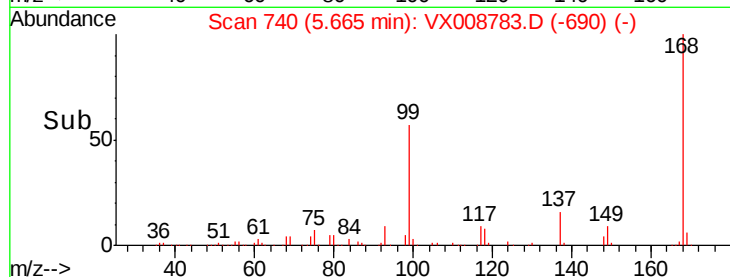
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.024 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008783.D

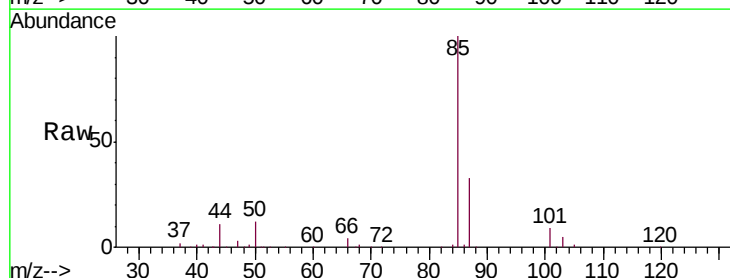
Acq: 09 Apr 2019 20:05

Tgt Ion: 85 Resp: 32361

Ion Ratio Lower Upper

85 100

87 32.7 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

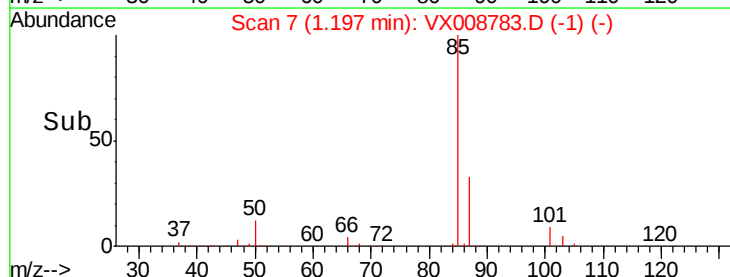
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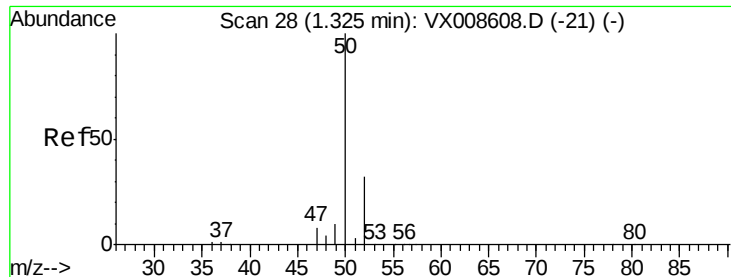
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.663 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 50 Resp: 48811

Ion Ratio Lower Upper

50 100

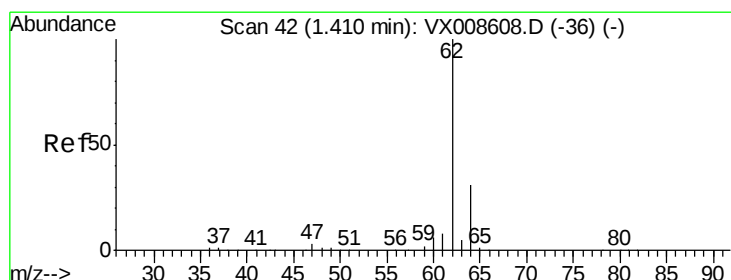
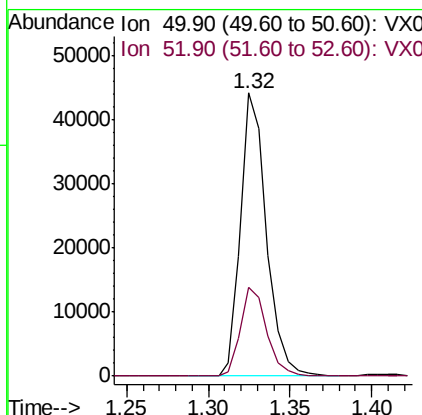
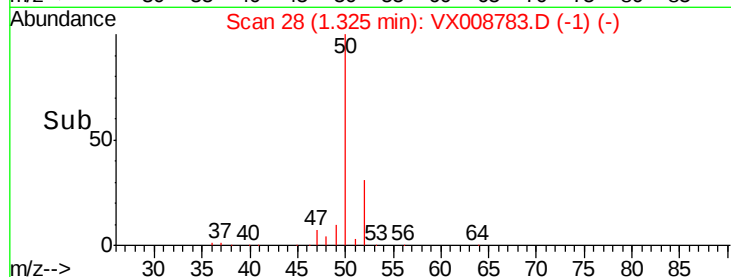
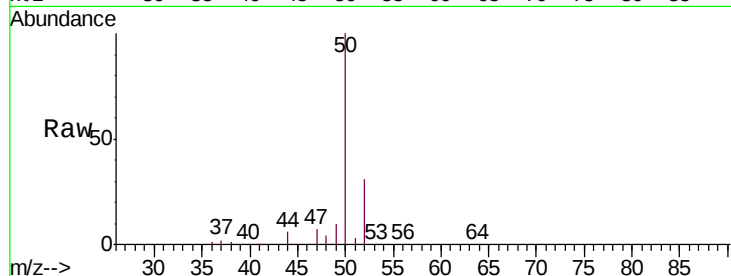
52 31.3 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.975 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008783.D

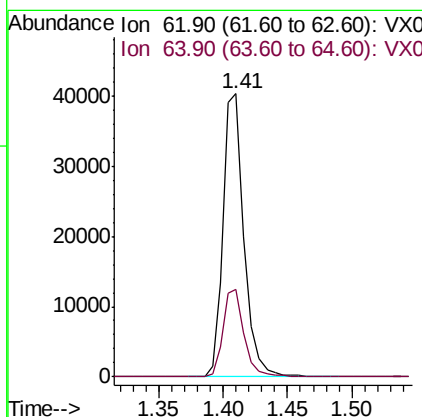
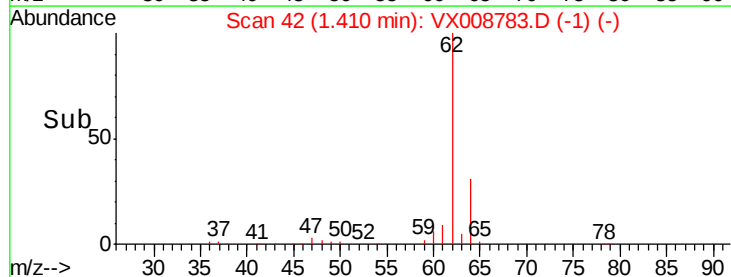
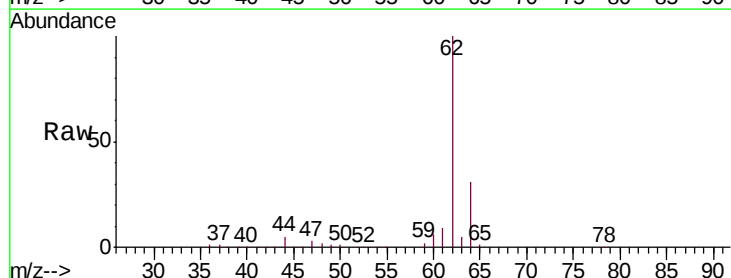
Acq: 09 Apr 2019 20:05

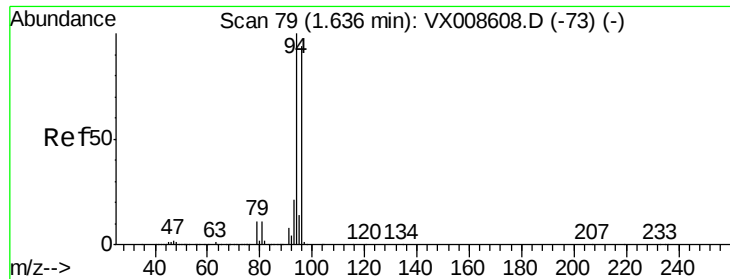
Tgt Ion: 62 Resp: 46344

Ion Ratio Lower Upper

62 100

64 30.7 24.7 37.1





#5

Bromomethane

Concen: 18.869 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 94 Resp: 23736

Ion Ratio Lower Upper

94 100

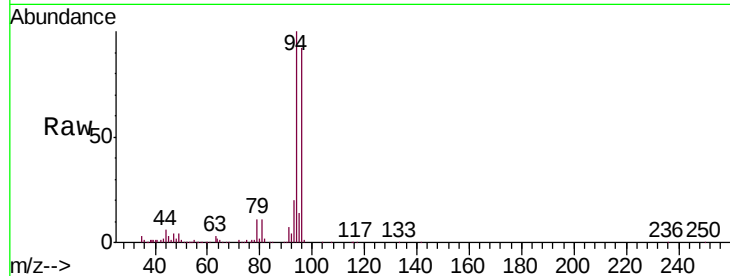
96 92.5 75.2 112.8

Manual Integrations

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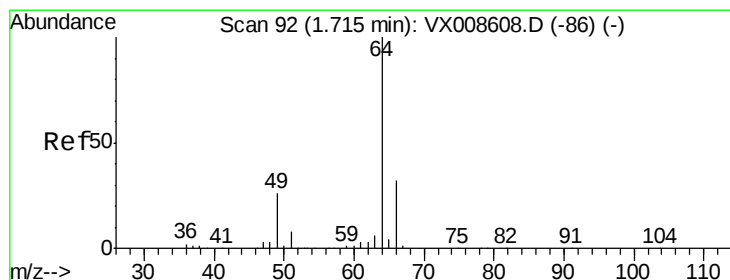
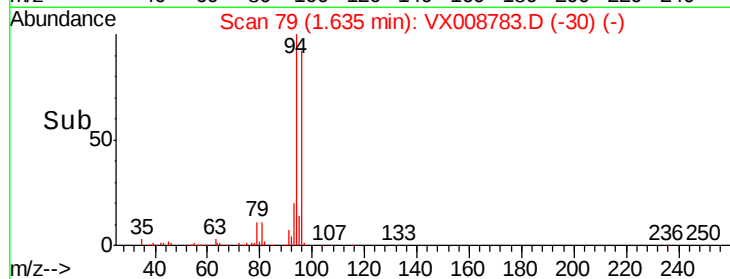
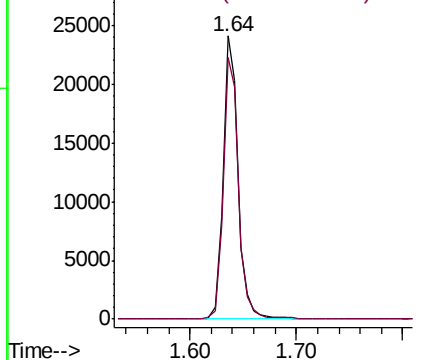
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.390 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008783.D

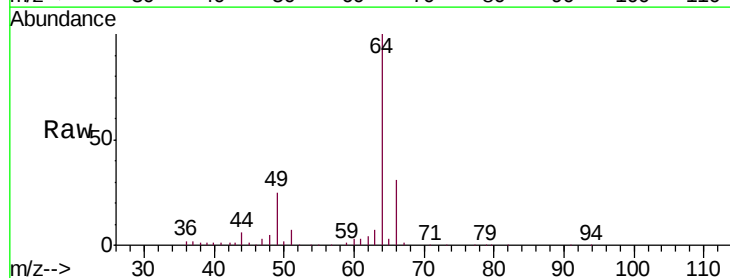
Acq: 09 Apr 2019 20:05

Tgt Ion: 64 Resp: 30273

Ion Ratio Lower Upper

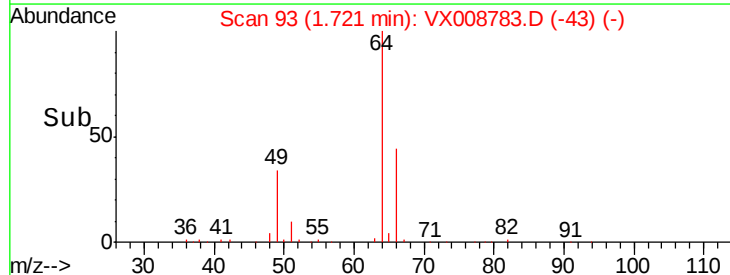
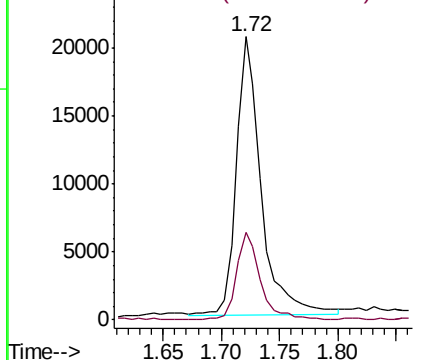
64 100

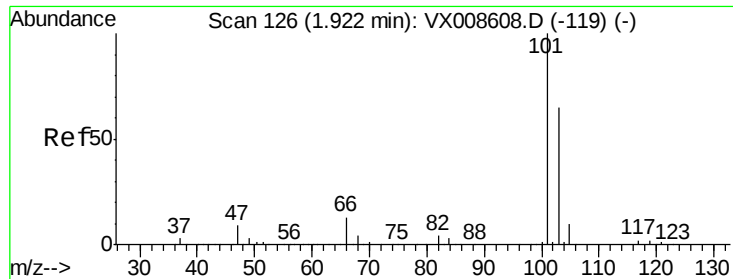
66 31.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

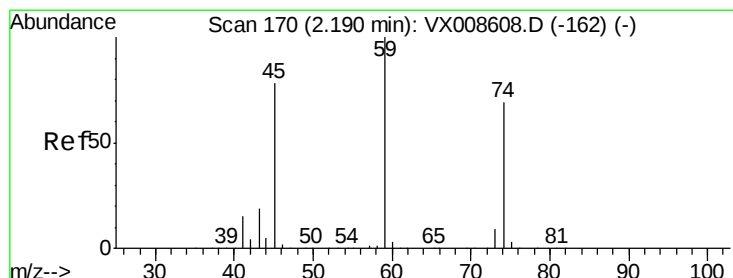
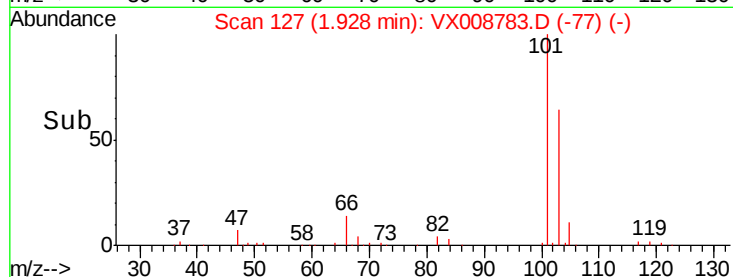
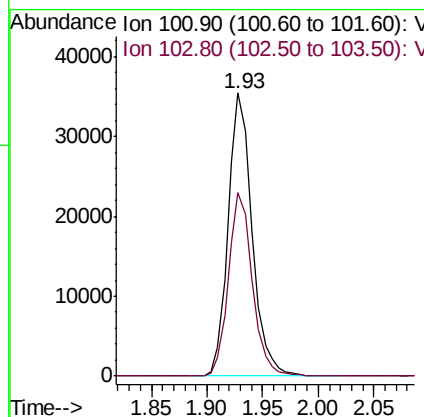
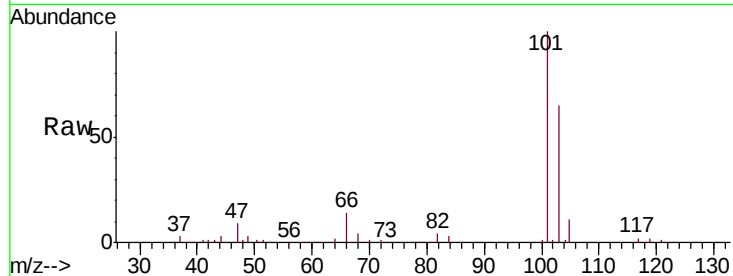
Trichlorofluoromethane
 Concen: 17.493 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD02

Tgt Ion: 101 Resp: 52792
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5

Manual Integrations
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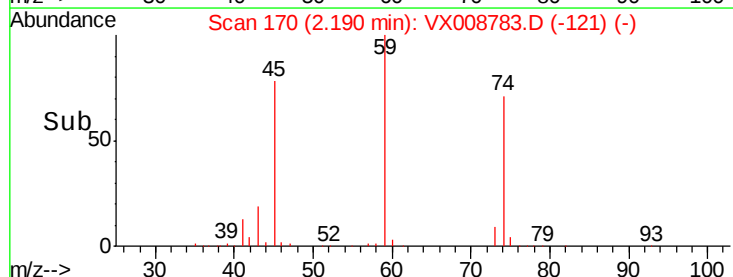
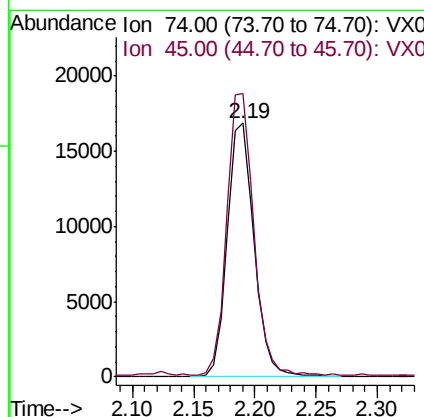
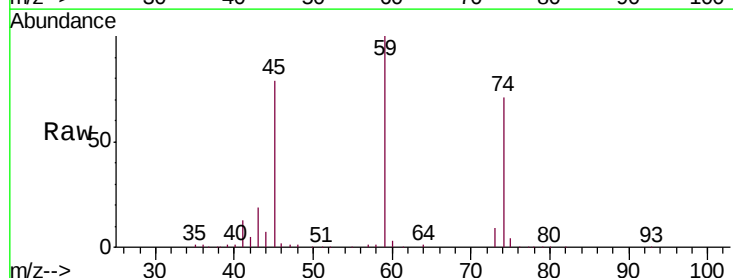
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#8

Diethyl Ether
 Concen: 17.867 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 74 Resp: 25570
 Ion Ratio Lower Upper
 74 100
 45 111.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.442 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

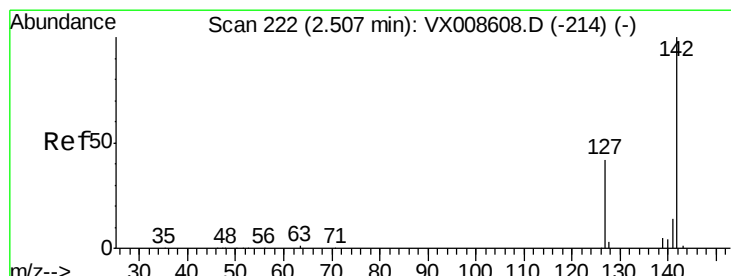
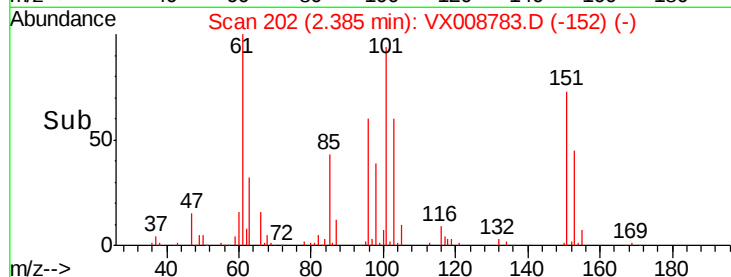
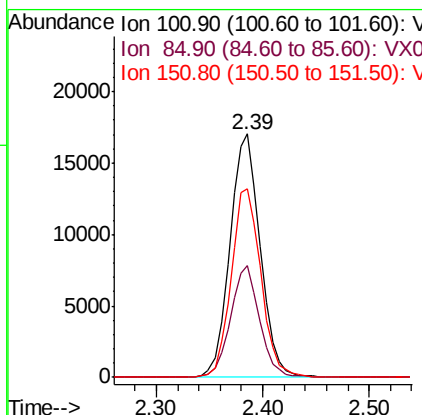
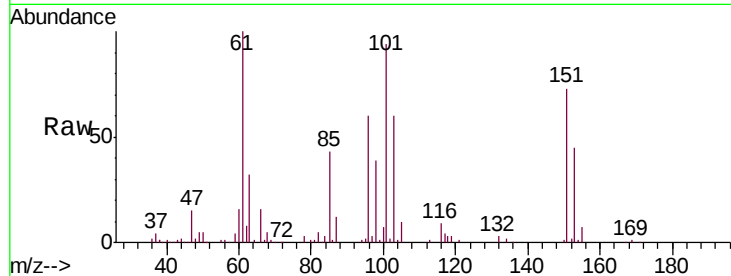
ClientSampleId :

VX0409WBSD02

Tgt Ion:	101	Resp:	33890
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	76.5	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.106 ug/l

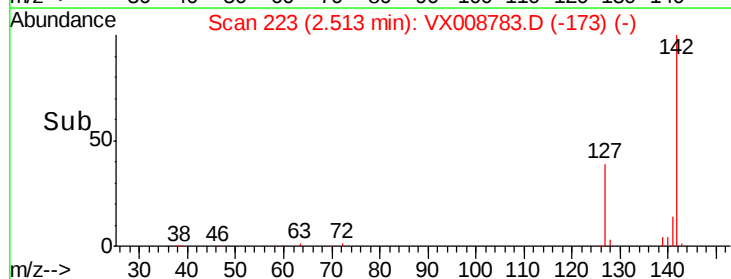
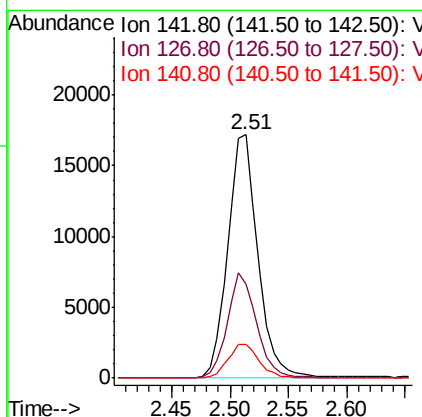
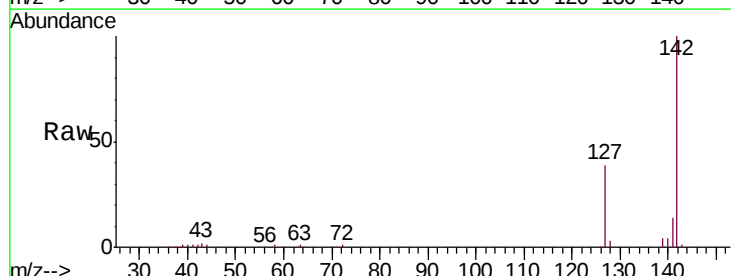
RT: 2.51 min Scan# 223

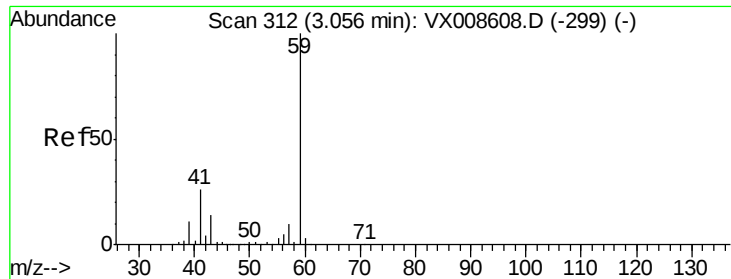
Delta R.T. 0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	142	Resp:	30976
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.0	49.6
141	14.4	11.4	17.2





#11

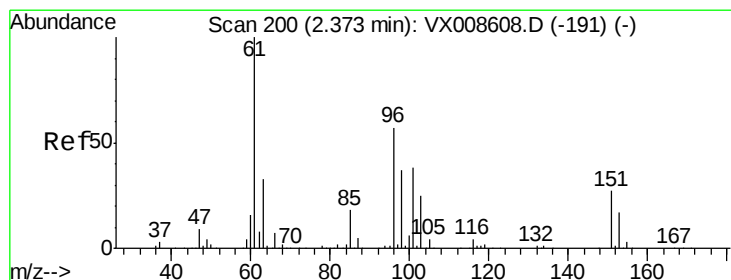
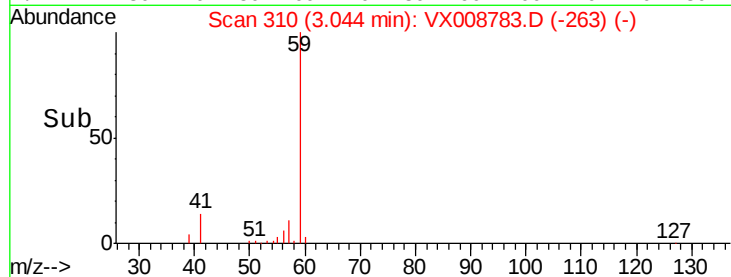
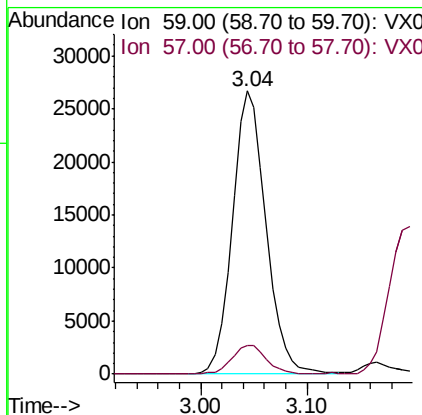
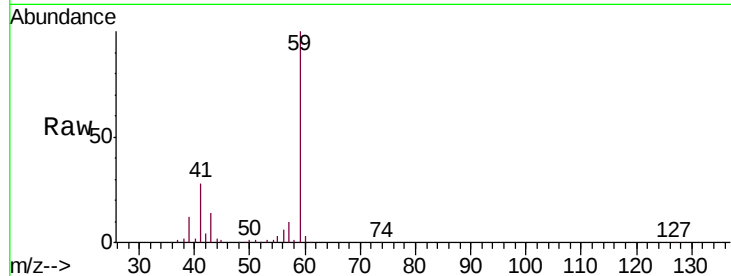
Tert butyl alcohol
 Concen: 98.563 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

Manual Integrations
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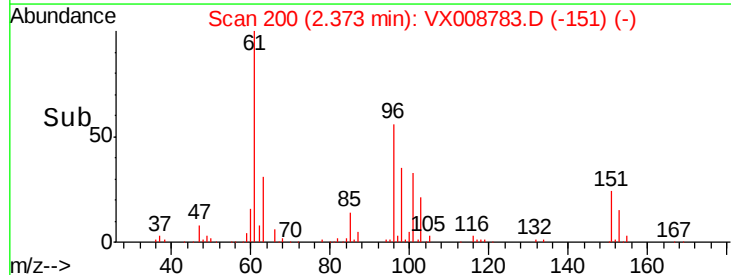
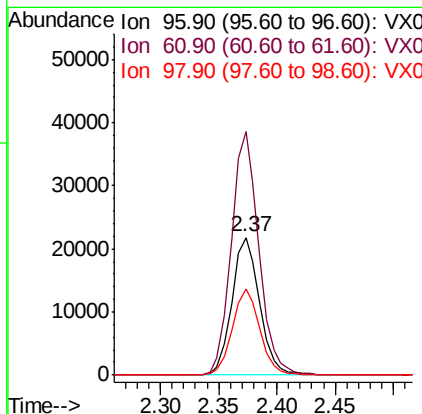
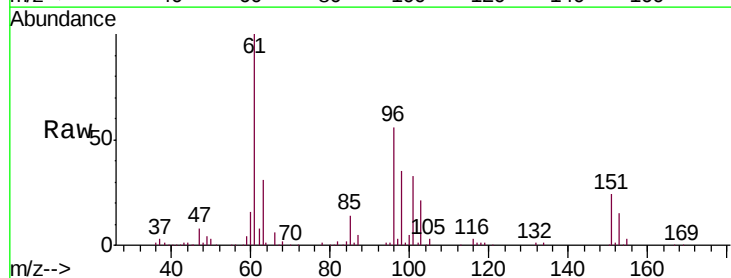
MMDadoda
 4/10/2019 10:05:23 AM

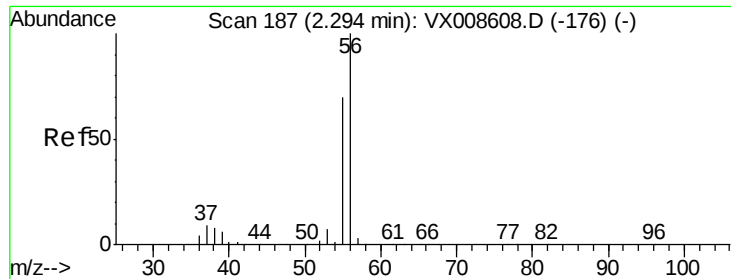


#12

1,1-Dichloroethene
 Concen: 17.814 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.1	140.9	211.3
98	62.8	52.1	78.1





#13

Acrolein

Concen: 122.836 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 56 Resp: 36490

Ion Ratio Lower Upper

56 100

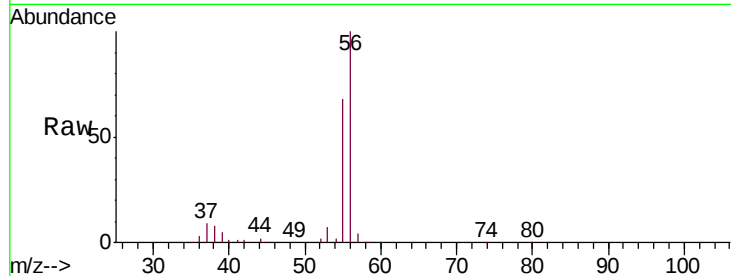
55 70.2 58.0 87.0

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

5000

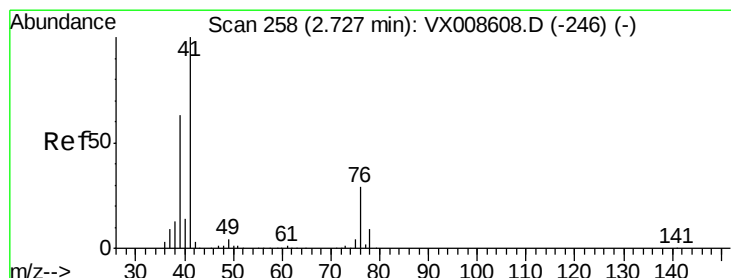
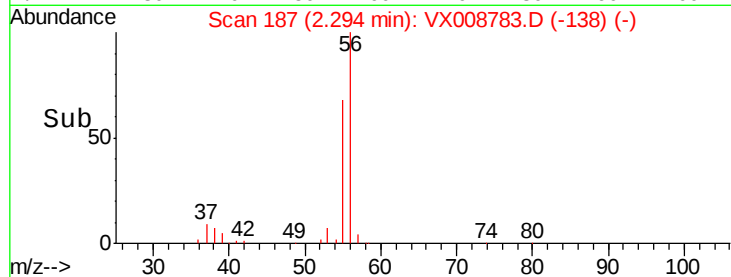
0

2.20

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 17.743 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

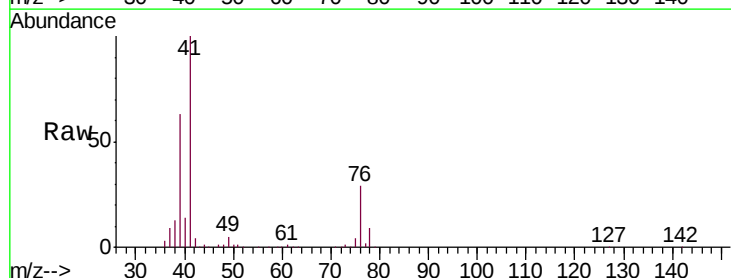
Tgt Ion: 41 Resp: 82388

Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 26.8 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

50000

40000

30000

20000

10000

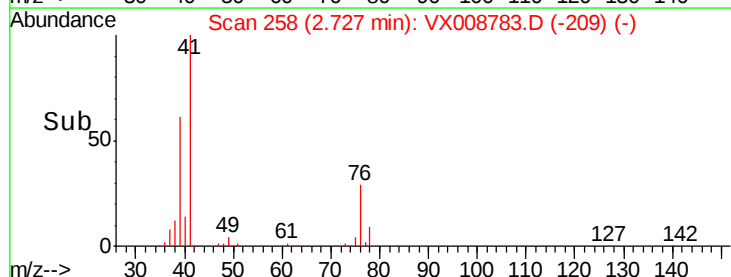
0

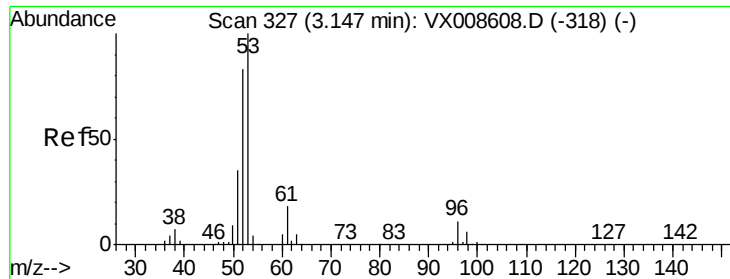
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 93.035 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

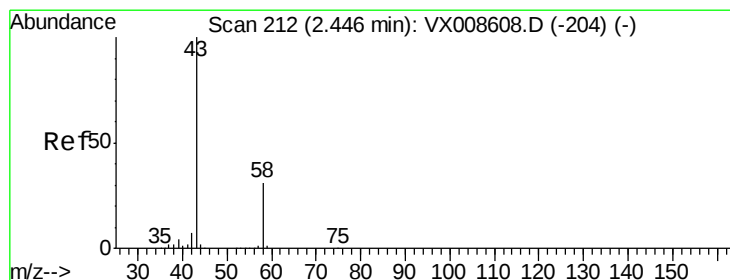
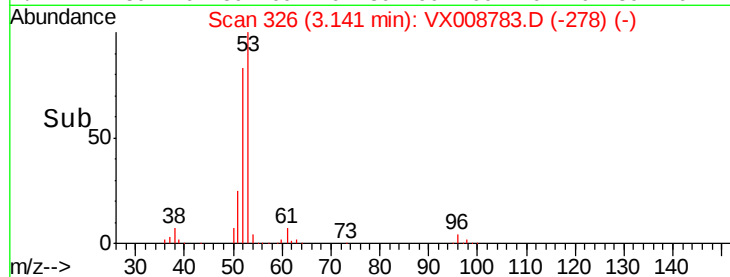
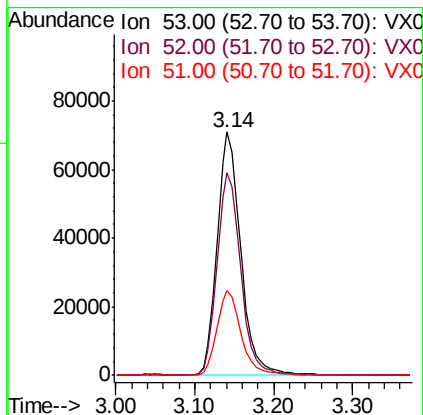
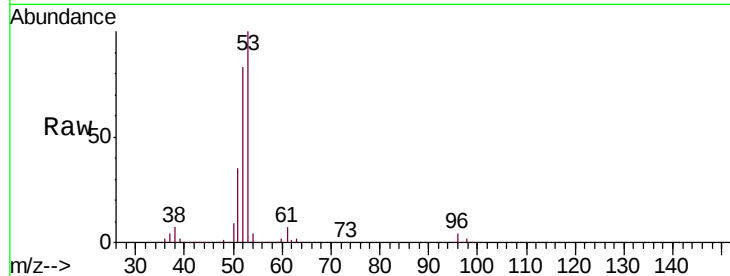
ClientSampleId :

VX0409WBSD02

Tgt Ion:	53	Resp:	147657
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.5	99.7
51	35.9	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 85.979 ug/l

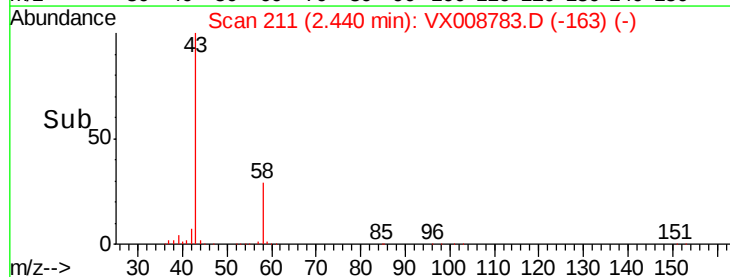
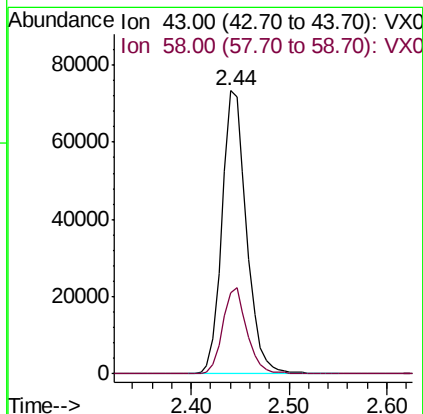
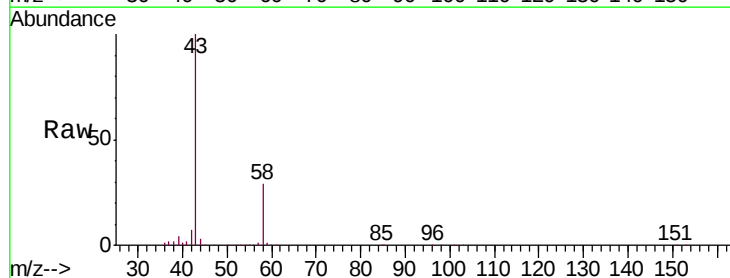
RT: 2.44 min Scan# 211

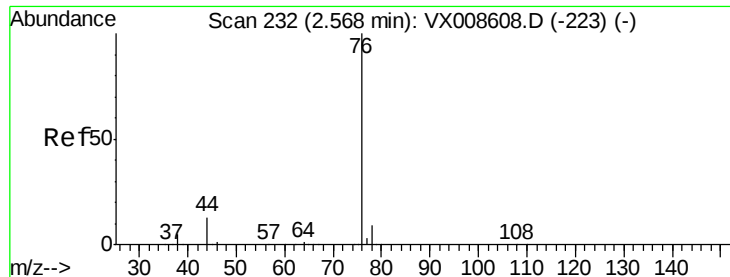
Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	43	Resp:	126726
Ion Ratio	Lower	Upper	
43	100		
58	28.6	24.8	37.2





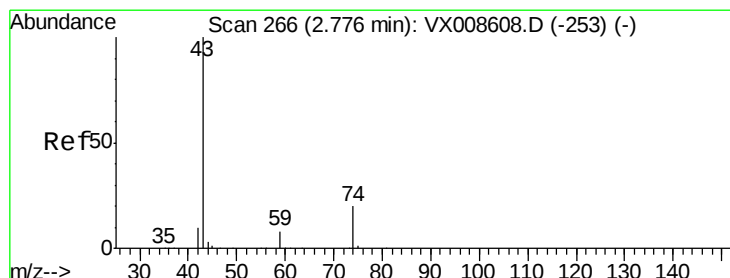
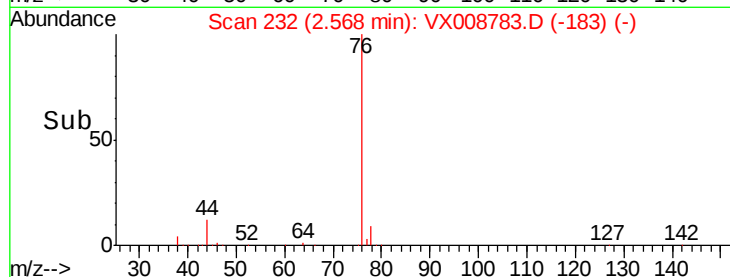
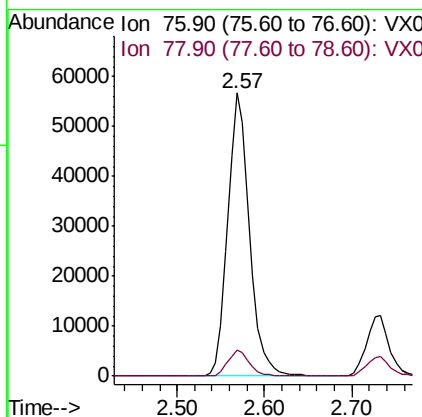
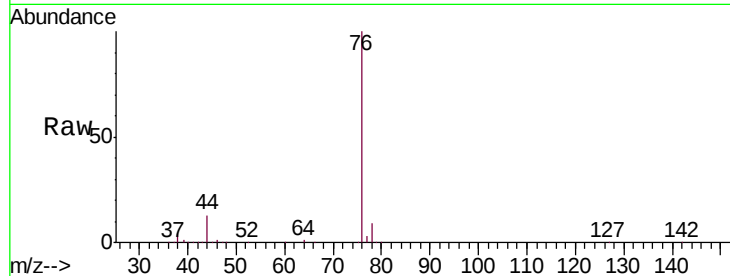
#17
Carbon Disulfide
Concen: 16.229 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion: 76 Resp: 97986
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

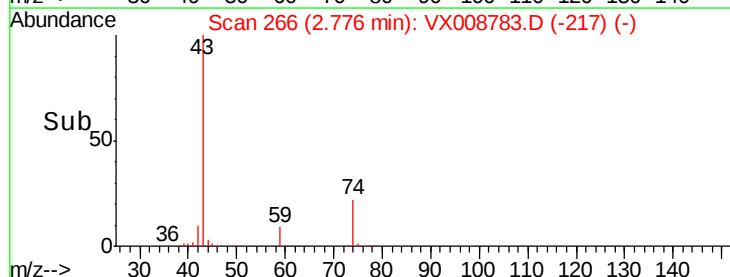
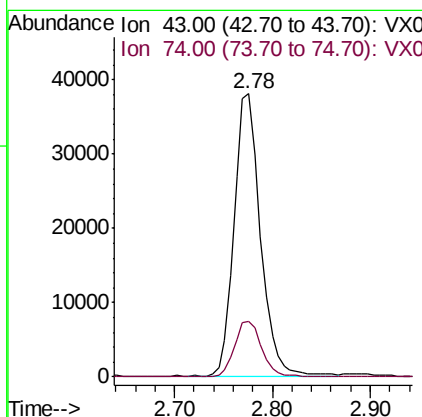
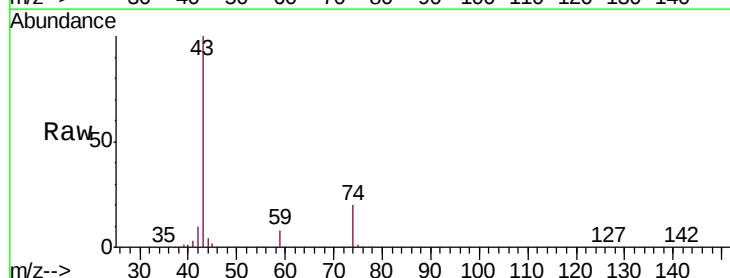
Manual Integrations
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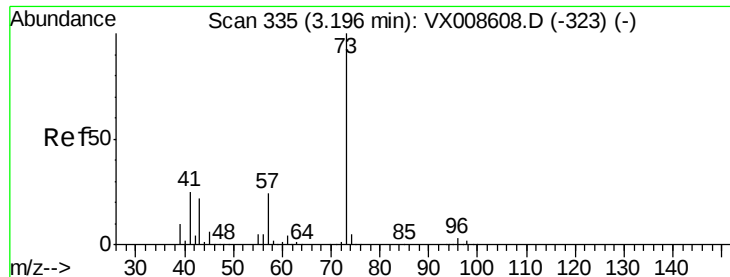
MMDadoda
4/10/2019 10:05:23 AM



#18
Methyl Acetate
Concen: 19.938 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion: 43 Resp: 71272
Ion Ratio Lower Upper
43 100
74 20.7 16.5 24.7





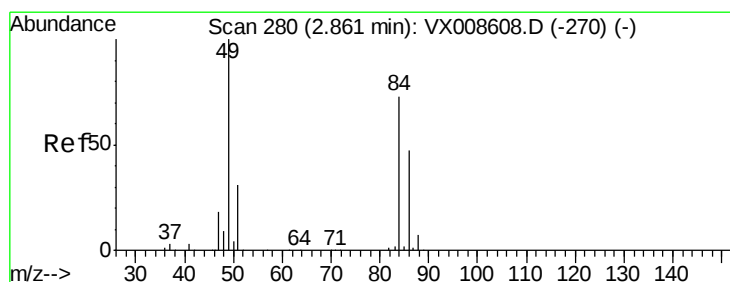
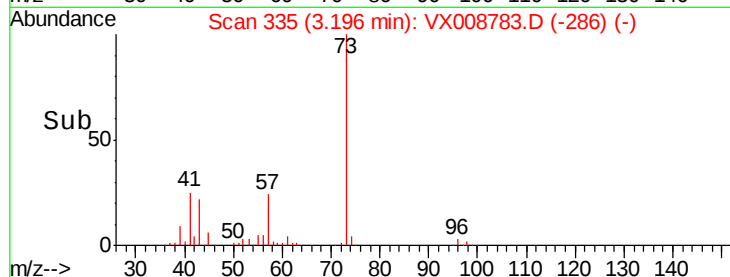
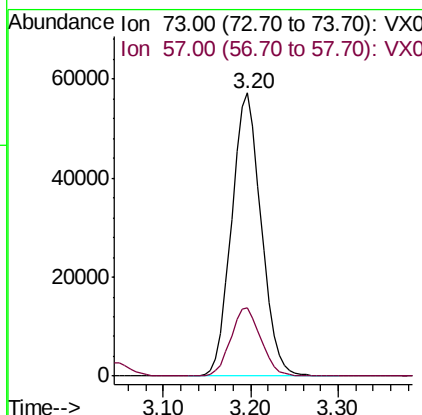
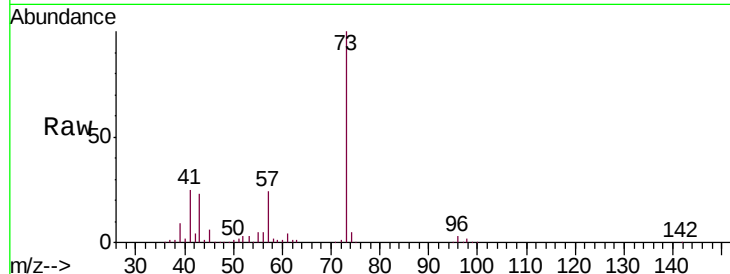
#19
Methyl tert-butyl Ether
Concen: 18.606 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion: 73 Resp: 134777
Ion Ratio Lower Upper
73 100
57 24.2 19.5 29.3

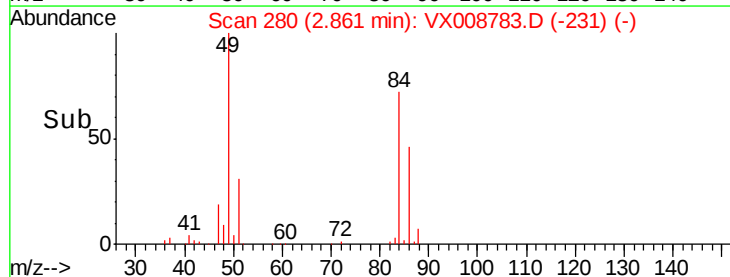
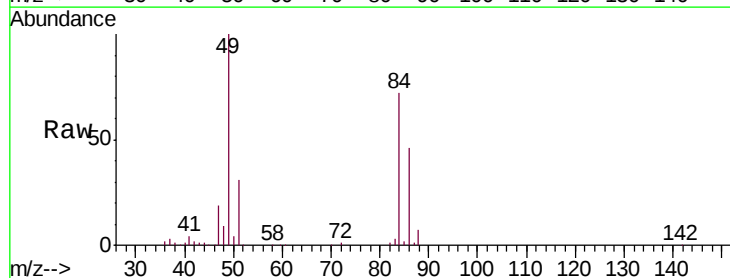
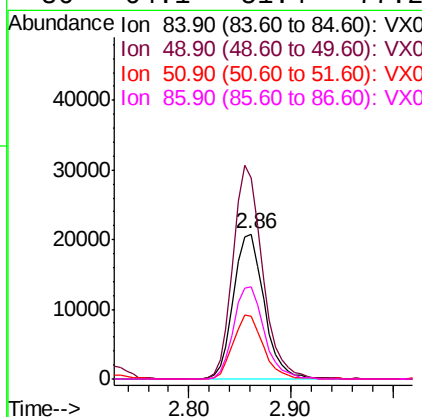
Manual Integrations
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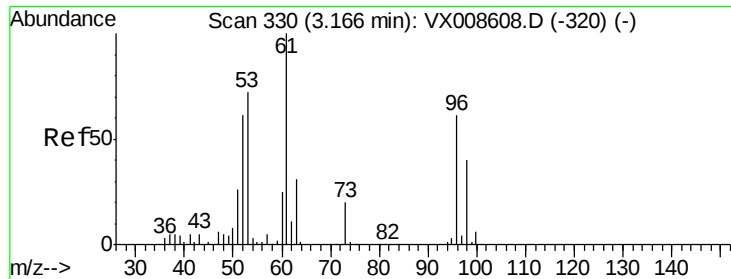
MMDadoda
4/10/2019 10:05:23 AM



#20
Methylene Chloride
Concen: 17.504 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion: 84 Resp: 43186
Ion Ratio Lower Upper
84 100
49 138.6 109.7 164.5
51 43.5 33.6 50.4
86 64.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.286 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

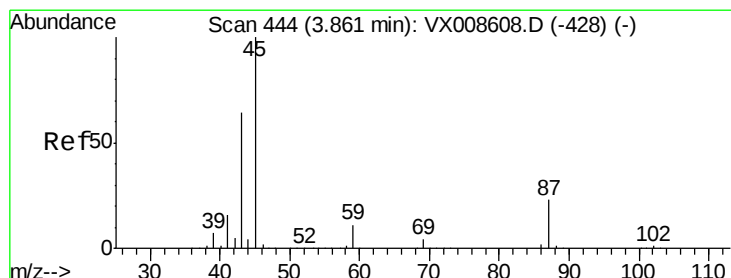
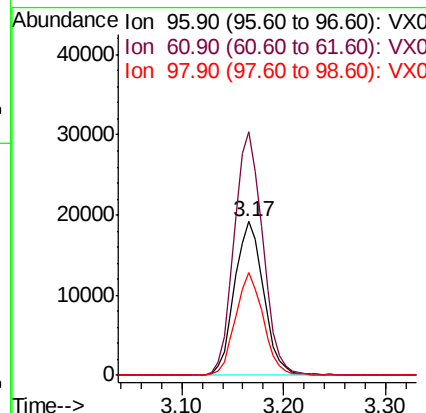
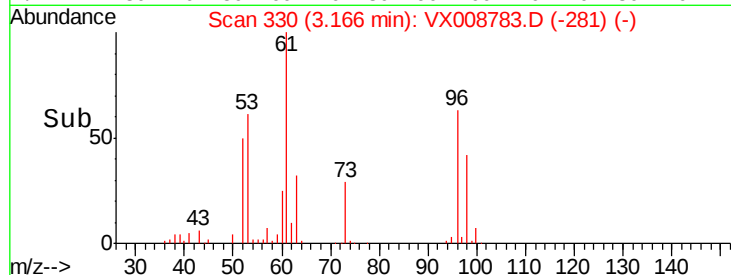
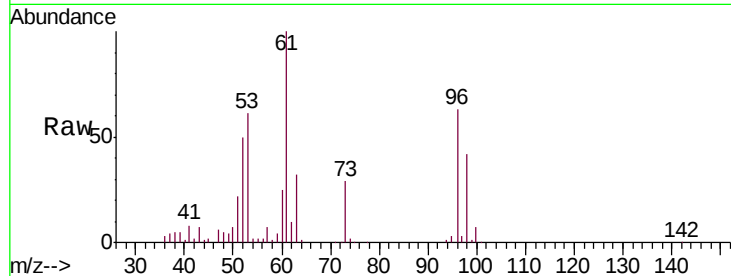
ClientSampleId :

VX0409WBSD02

Tgt Ion:	96	Resp:	37926
Ion	Ratio	Lower	Upper
96	100		
61	158.3	132.1	198.1
98	66.7	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.588 ug/l

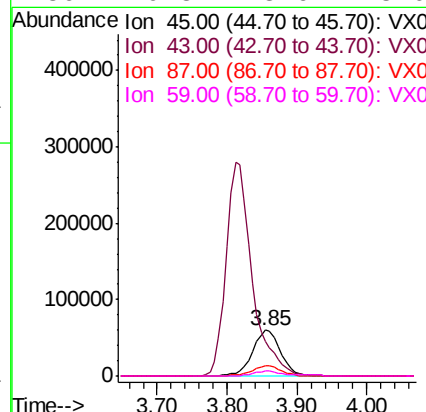
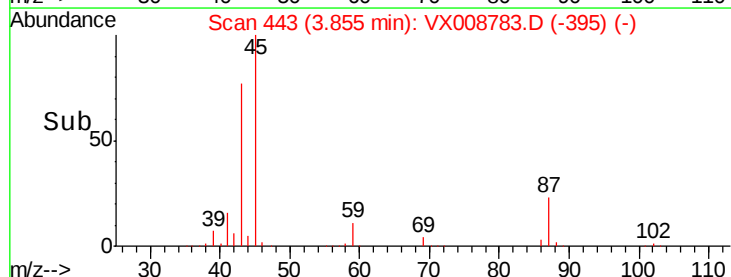
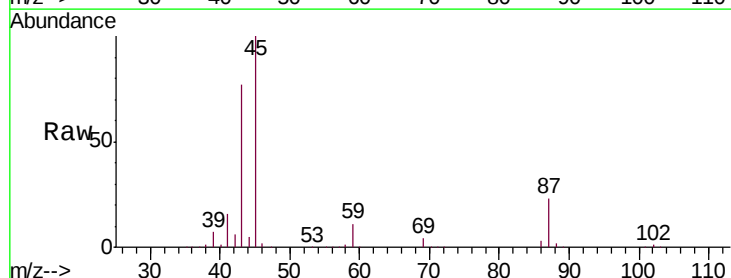
RT: 3.85 min Scan# 443

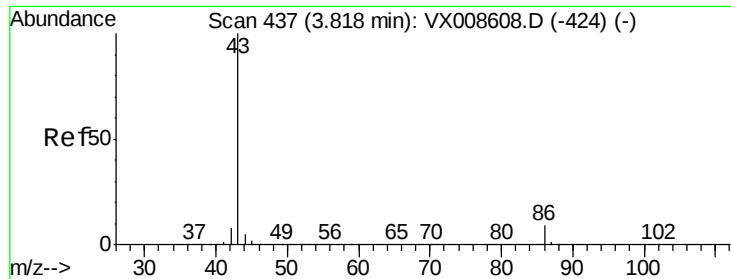
Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	45	Resp:	166360
Ion	Ratio	Lower	Upper
45	100		
43	76.8	51.3	76.9
87	22.9	18.1	27.1
59	10.8	8.6	13.0





#23

Vinyl Acetate

Concen: 93.634 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 43 Resp: 728995

Ion Ratio Lower Upper

43 100

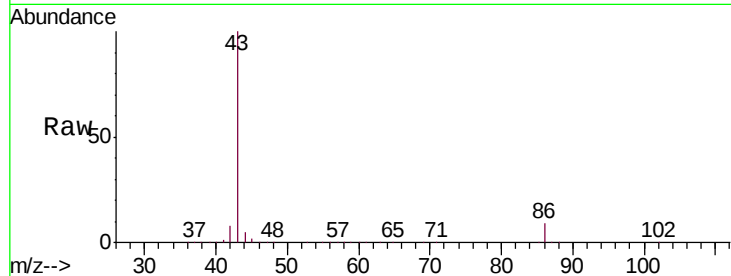
86 8.6 7.0 10.6

Manual Integrations

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MMDadoda

4/10/2019 10:05:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

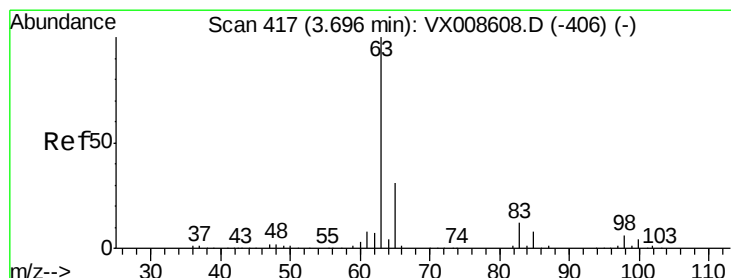
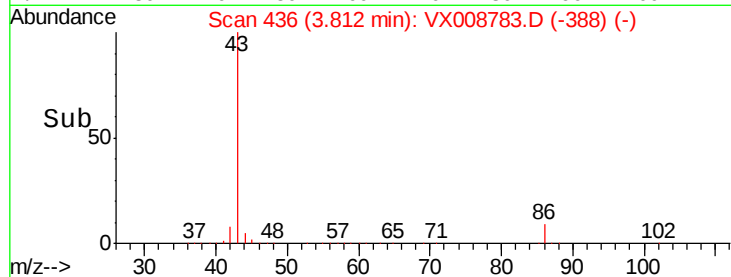
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.046 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

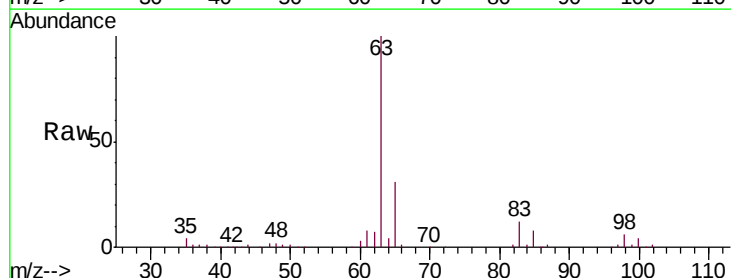
Tgt Ion: 63 Resp: 79965

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 4.0 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

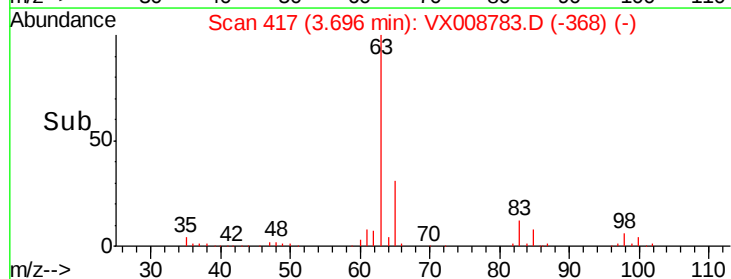
20000

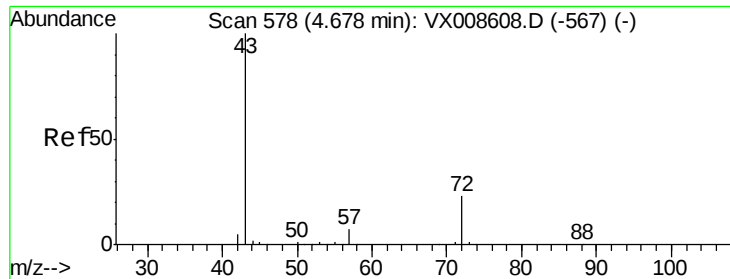
10000

0

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 93.706 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion: 43 Resp: 218295

Ion Ratio Lower Upper

43 100

72 22.4 18.2 27.4

Instrument :

MSVOA_X

ClientSampleId :

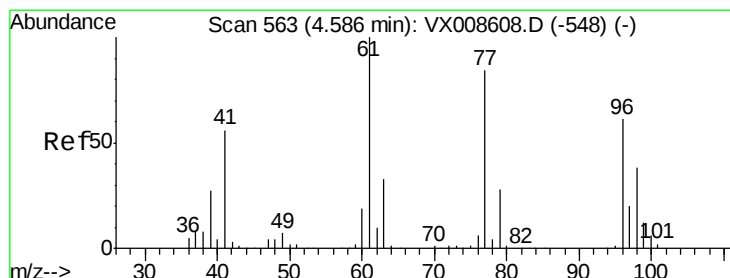
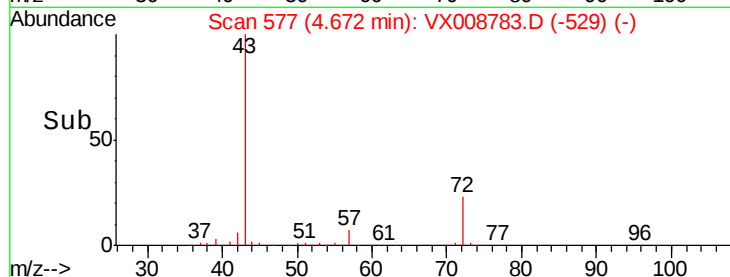
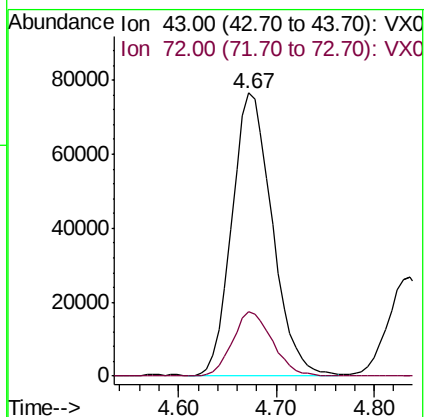
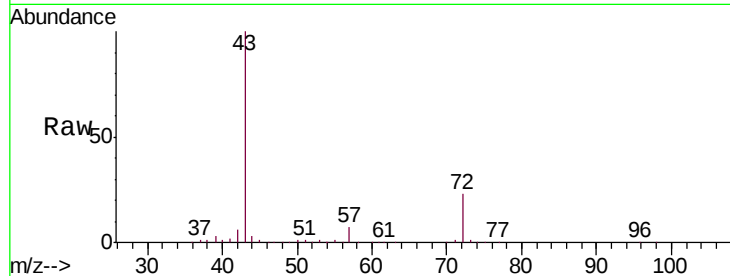
VX0409WBSD02

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.973 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008783.D

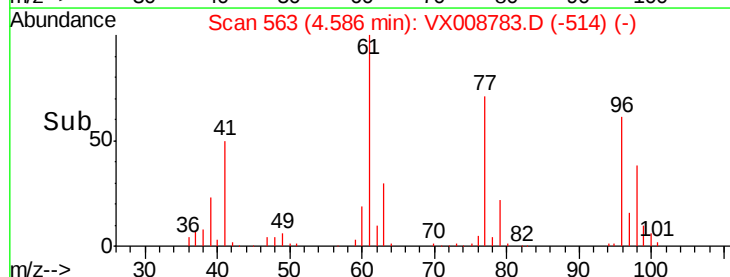
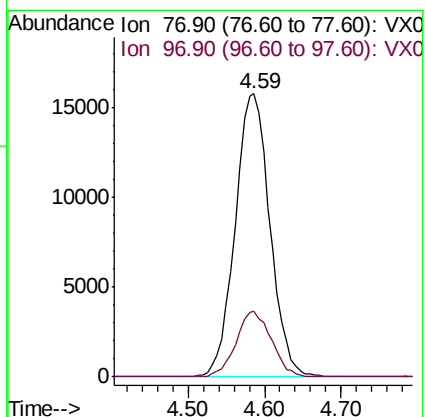
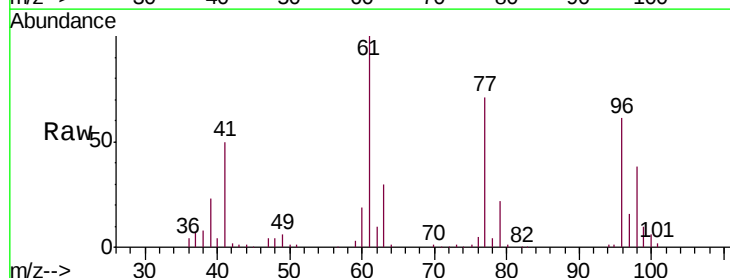
Acq: 09 Apr 2019 20:05

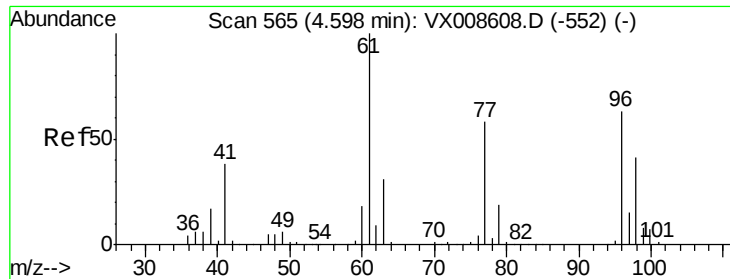
Tgt Ion: 77 Resp: 49849

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5





#27

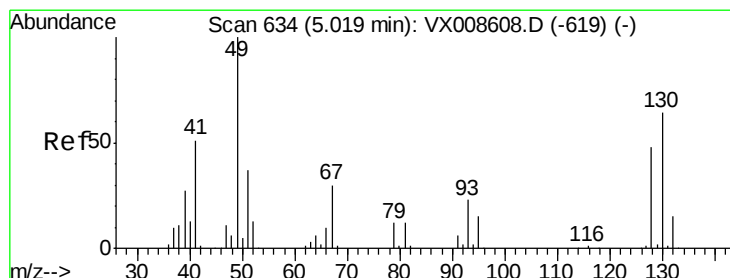
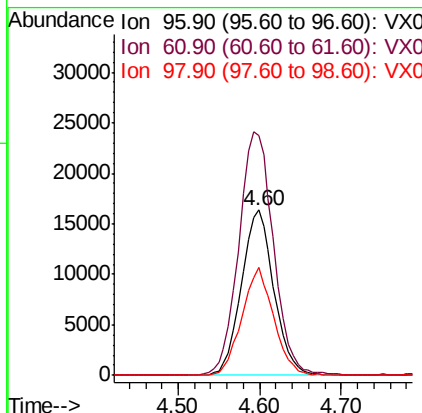
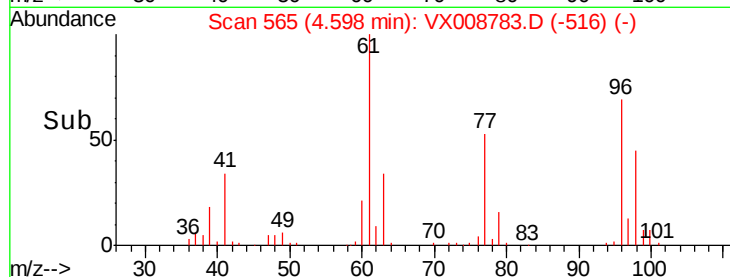
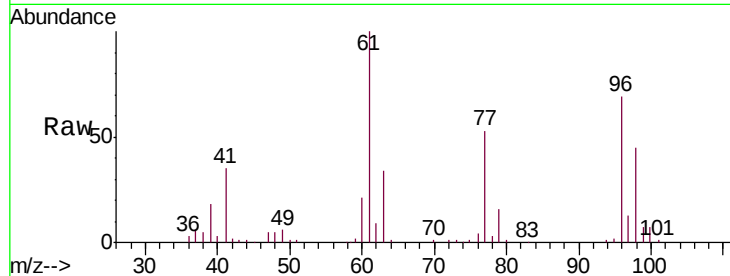
cis-1,2-Dichloroethene
Concen: 17.962 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.3	0.0	327.6
98	63.4	0.0	128.6

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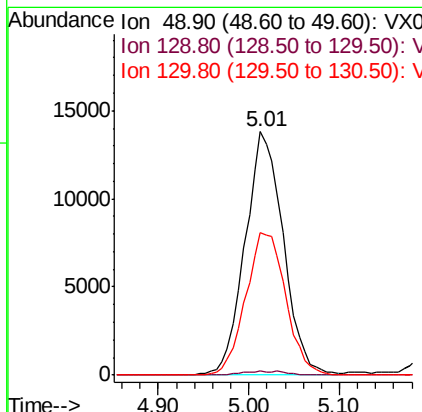
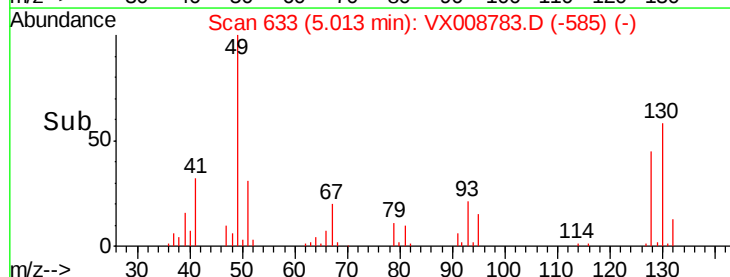
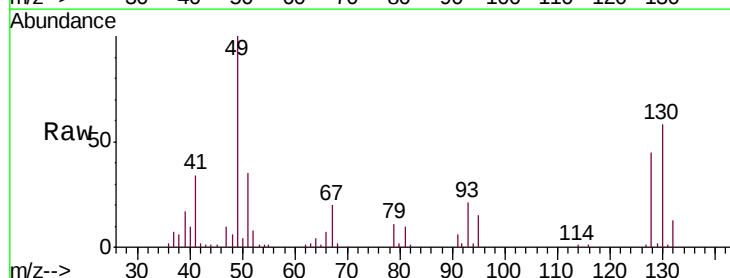
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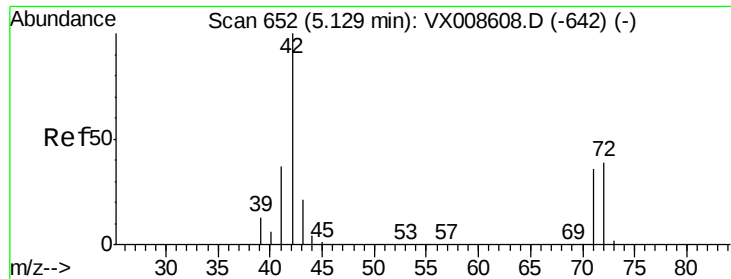


#28

Bromochloromethane
Concen: 19.902 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.6
130	61.2	49.3	73.9





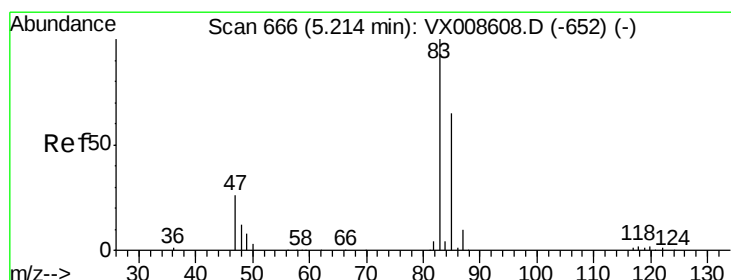
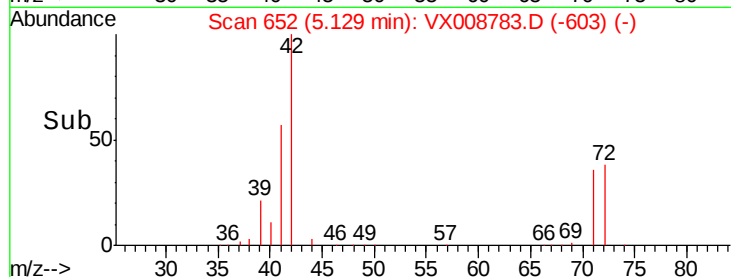
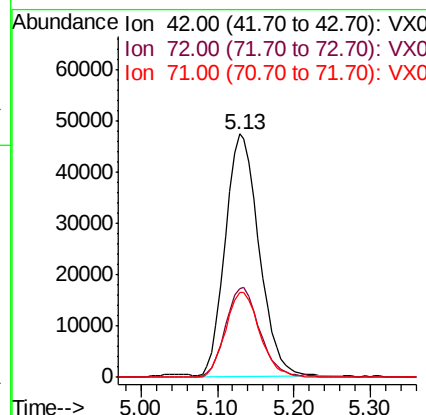
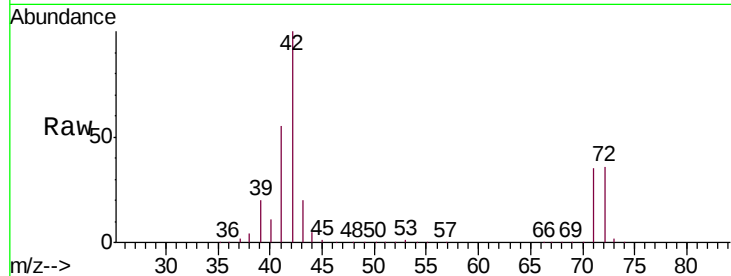
#29
Tetrahydrofuran
Concen: 93.585 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.5	45.7
71	35.7	28.6	43.0

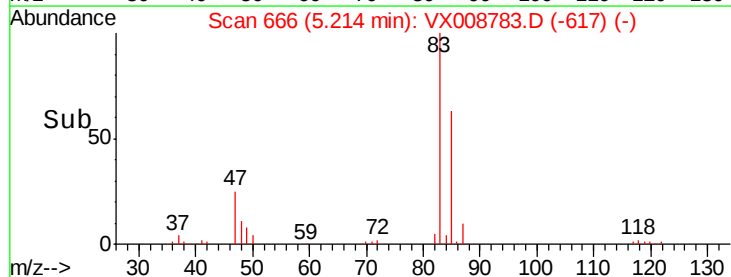
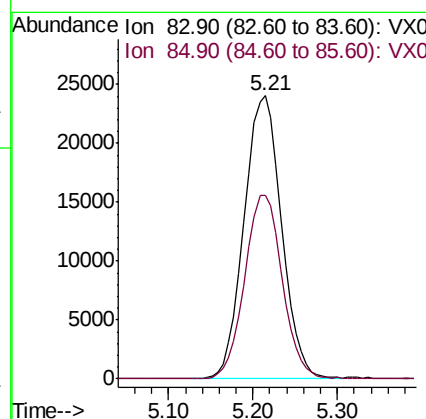
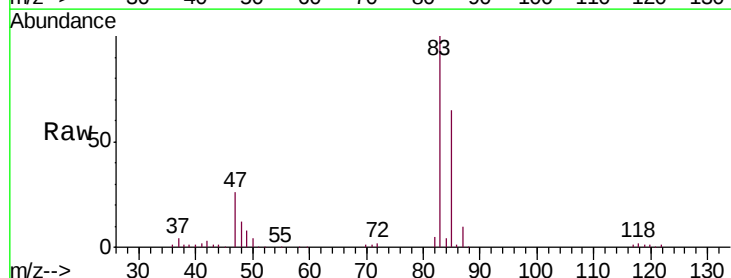
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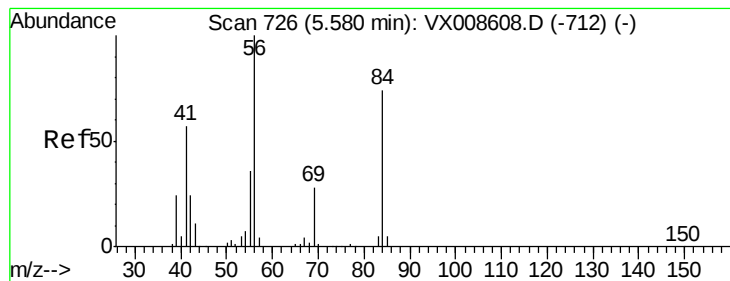
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#30
Chloroform
Concen: 18.369 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.1	78.1





#31

Cyclohexane

Concen: 17.190 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

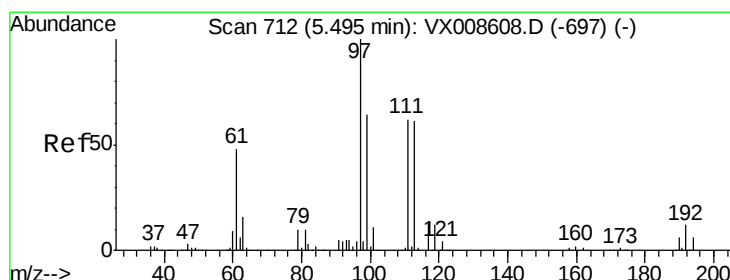
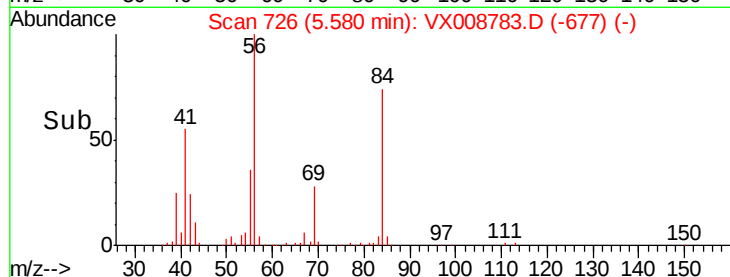
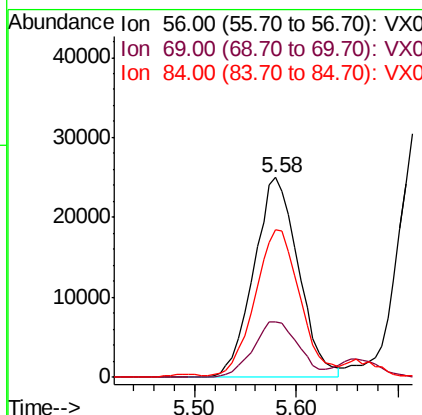
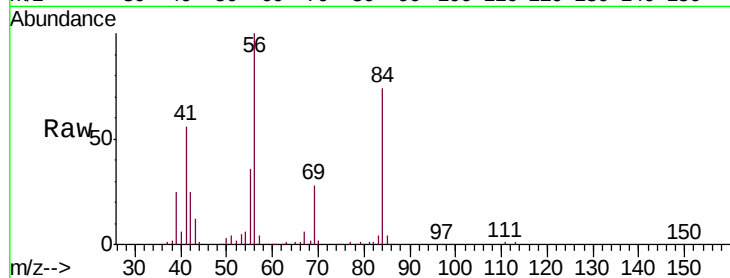
ClientSampleId :

VX0409WBSD02

Tgt Ion:	56	Resp:	76006
Ion Ratio	Lower	Upper	
56	100		
69	28.0	22.6	33.8
84	72.5	59.3	88.9

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#32

1,1,1-Trichloroethane

Concen: 18.082 ug/l

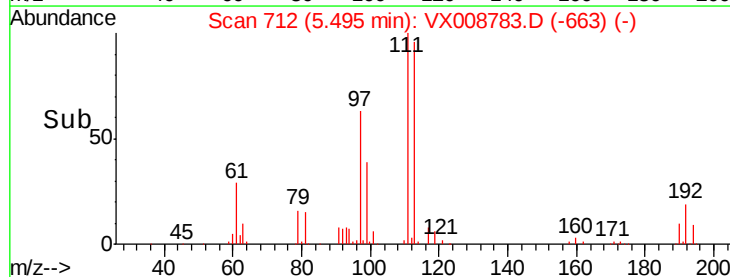
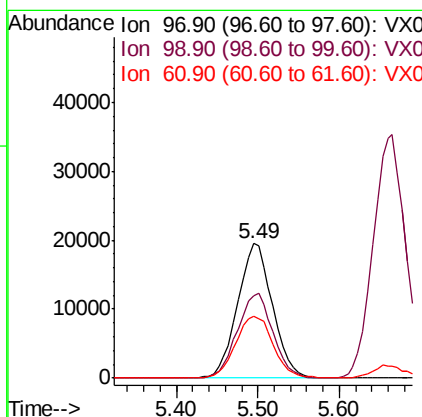
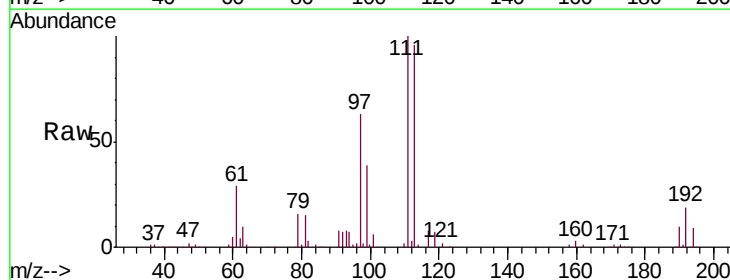
RT: 5.49 min Scan# 712

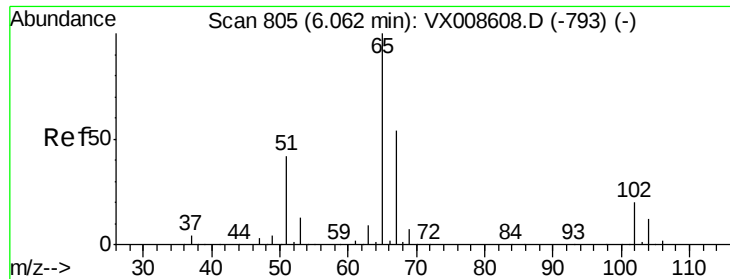
Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	97	Resp:	57831
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.3	76.9
61	49.6	38.9	58.3





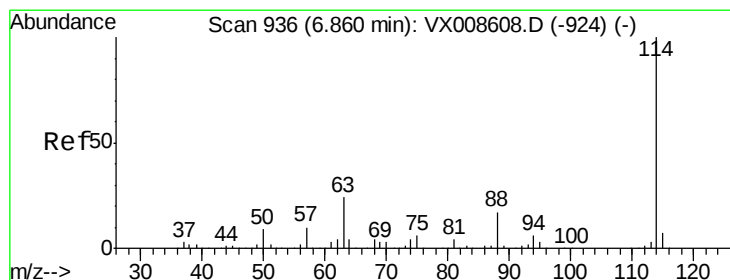
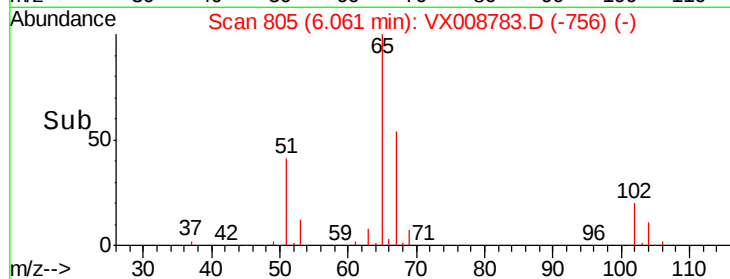
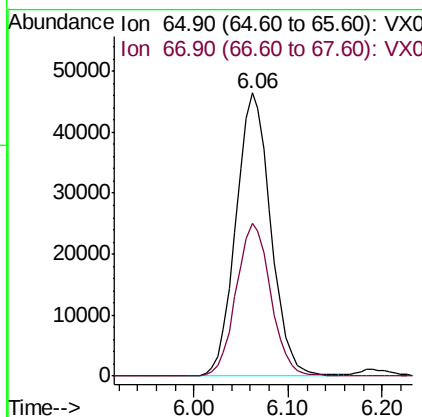
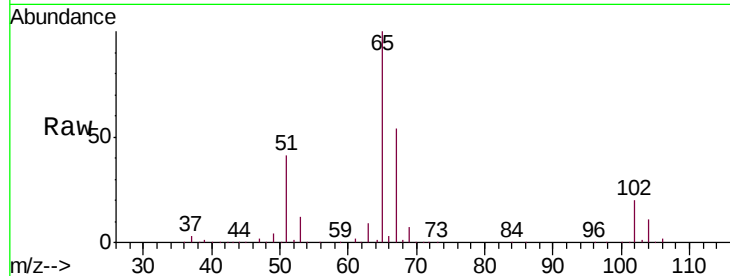
#33
 1,2-Dichloroethane-d4
 Concen: 46.865 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0409WBSD02

Tgt Ion: 65 Resp: 119927
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2

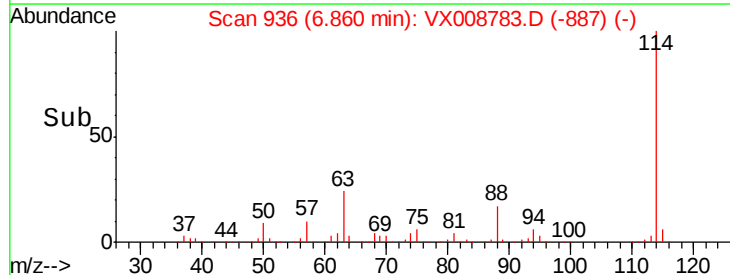
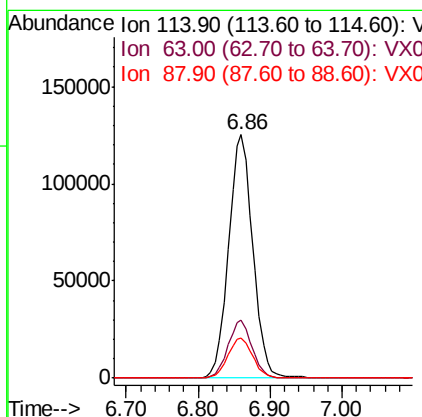
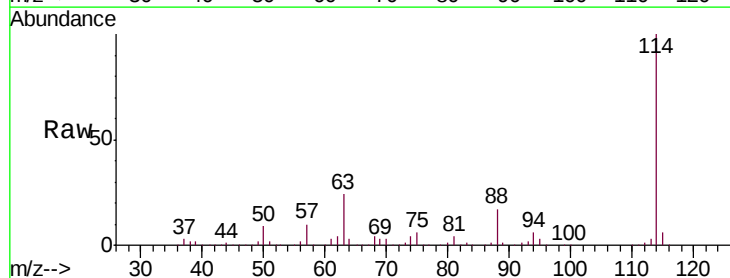
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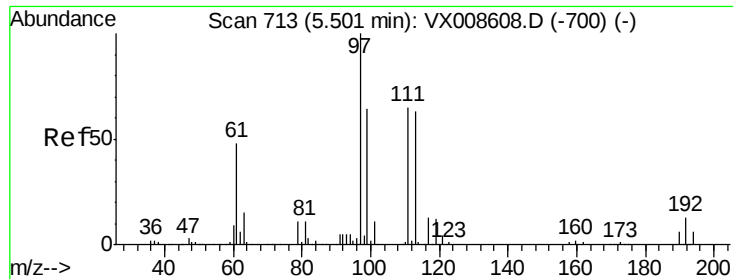
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 114 Resp: 293014
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.5 0.0 34.0





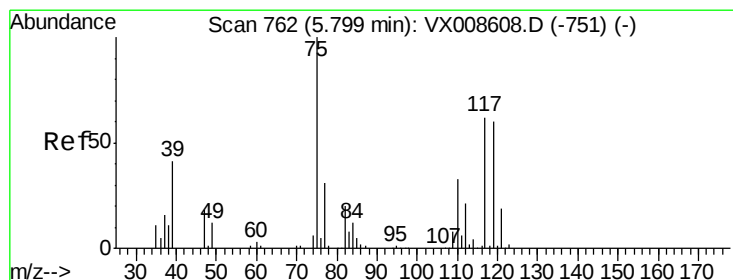
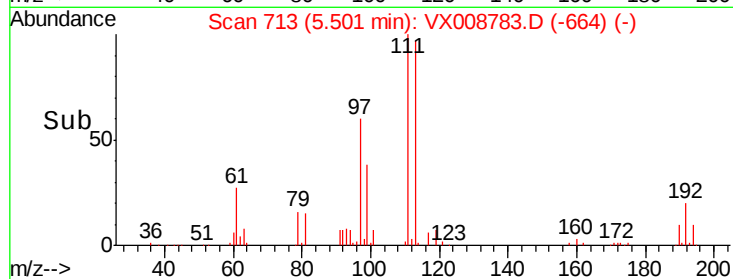
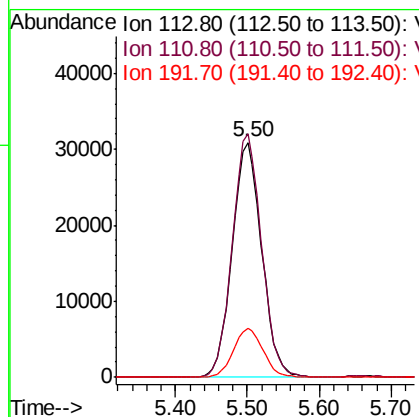
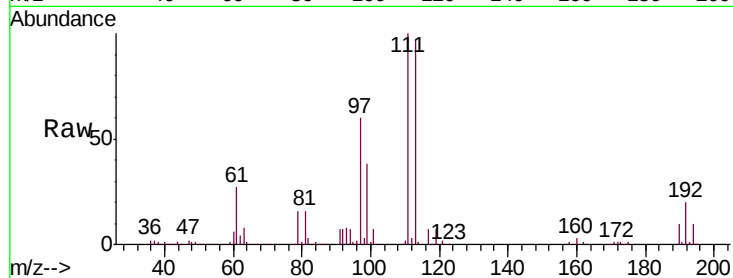
#35
Dibromofluoromethane
Concen: 46.987 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	88026		
111	102.7	83.4	125.2	
192	20.8	16.1	24.1	

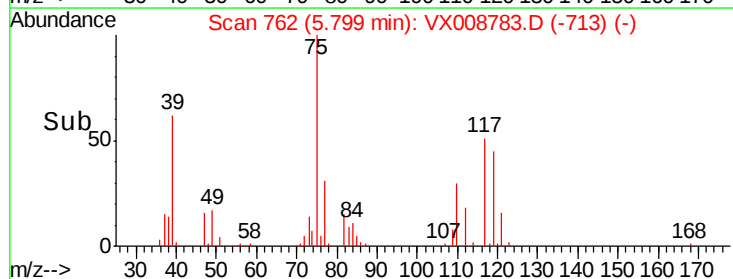
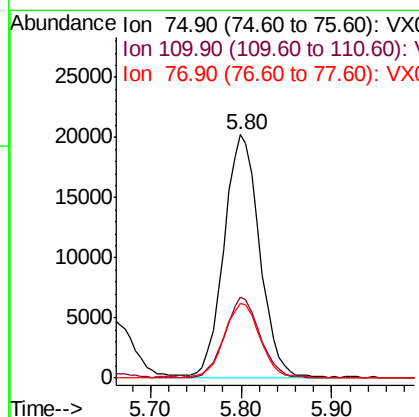
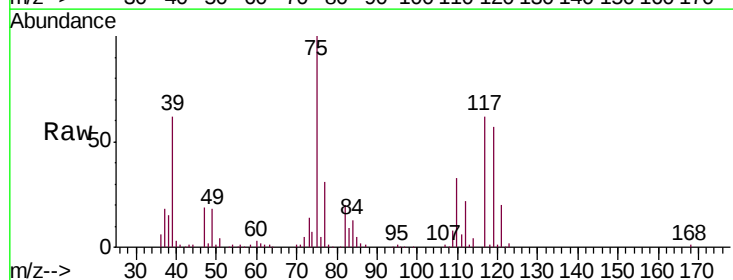
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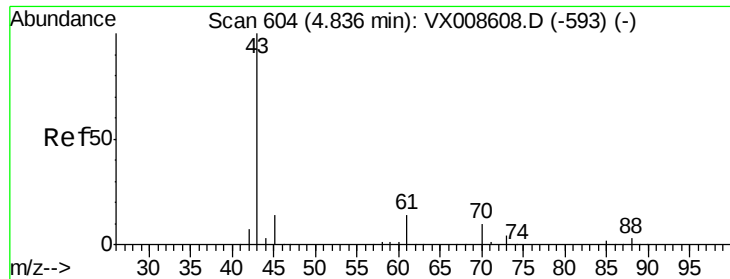
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#36
1,1-Dichloropropene
Concen: 17.025 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54531		
110	33.2	16.4	49.2	
77	31.5	24.7	37.1	





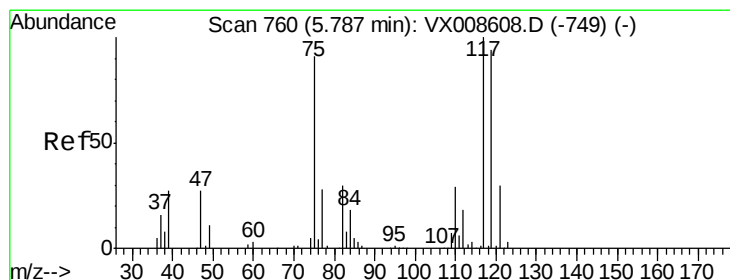
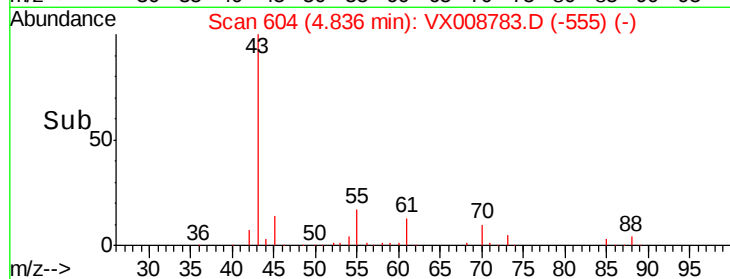
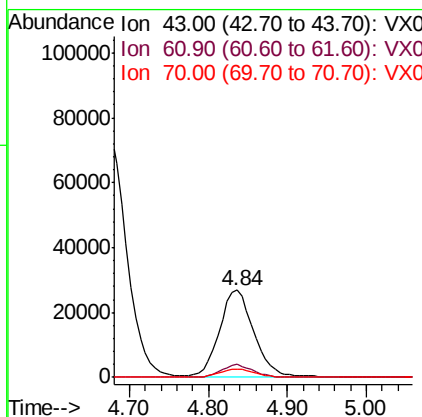
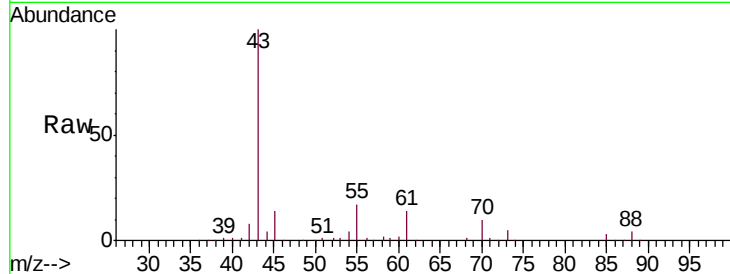
#37
Ethyl Acetate
Concen: 18.781 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.3	15.5
70	10.0	7.6	11.4

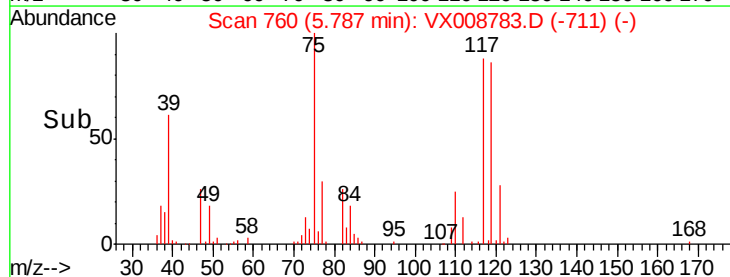
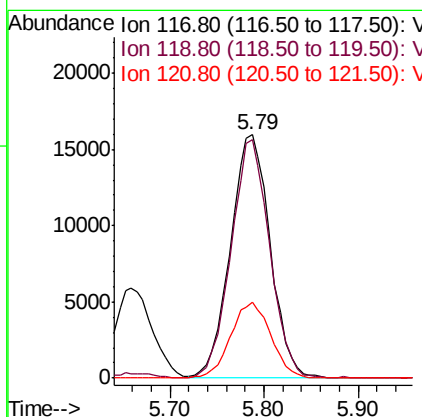
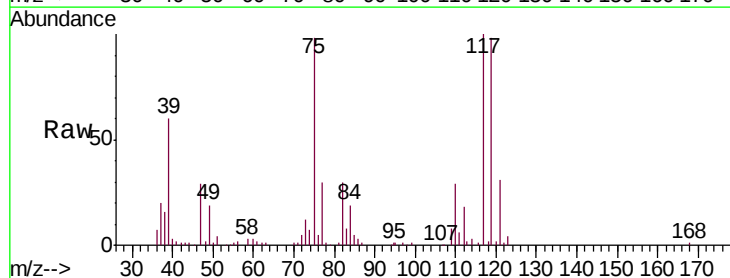
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#38
Carbon Tetrachloride
Concen: 17.740 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.0	112.6
121	31.4	24.3	36.5





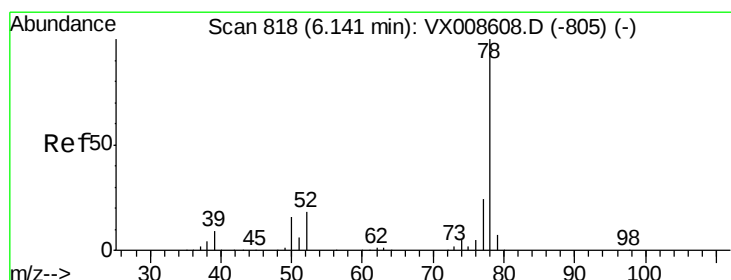
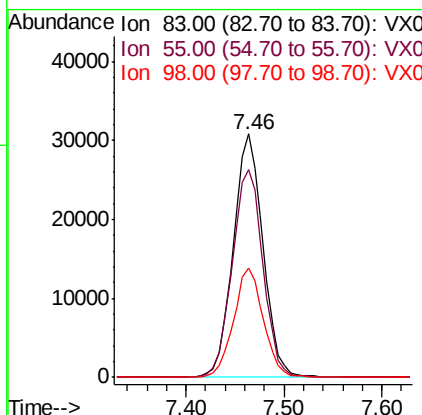
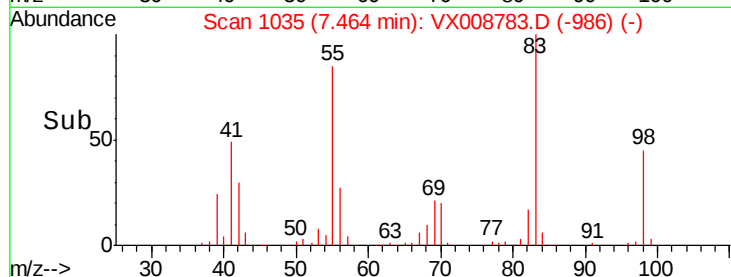
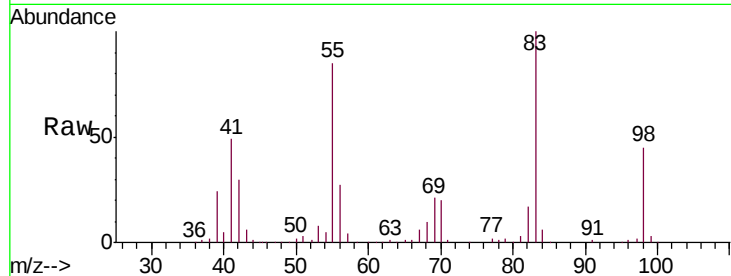
#39
Methylcyclohexane
Concen: 16.403 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.1	69.0	103.6
98	44.7	34.4	51.6

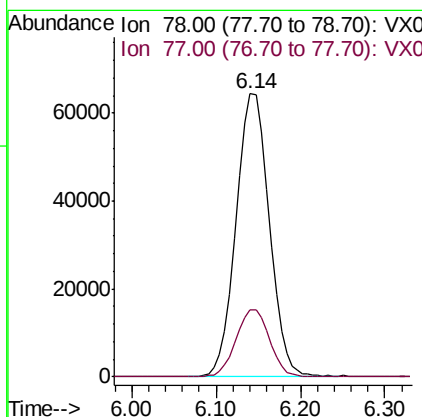
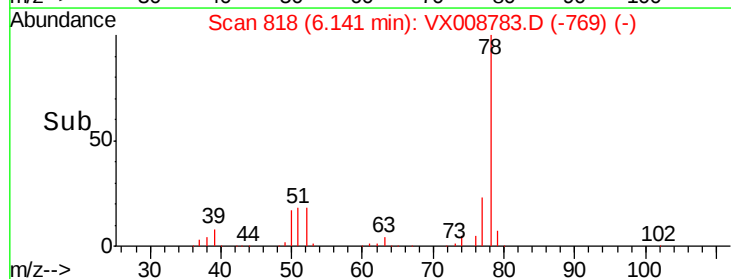
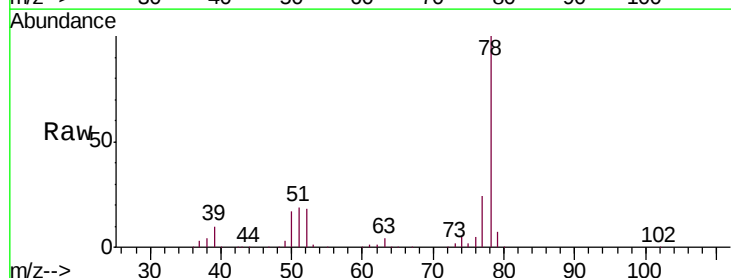
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#40
Benzene
Concen: 18.029 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 18.797 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

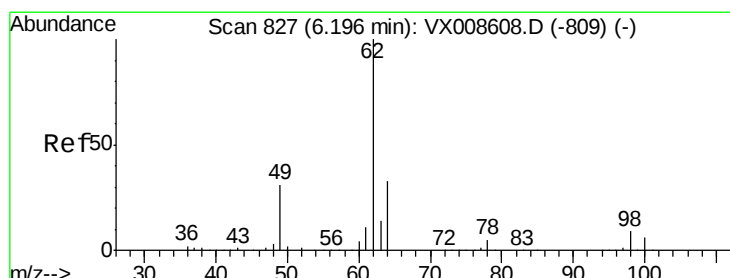
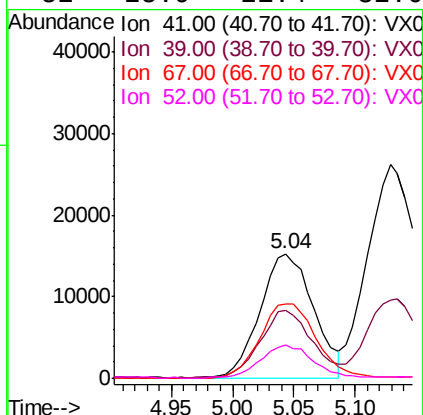
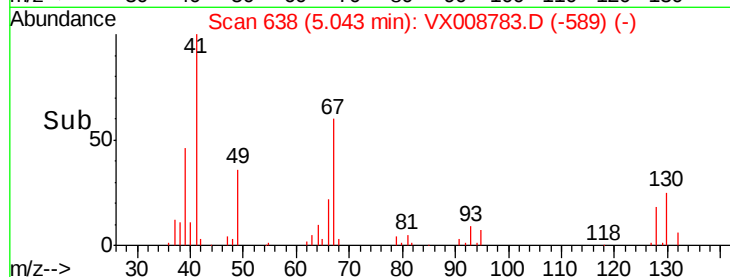
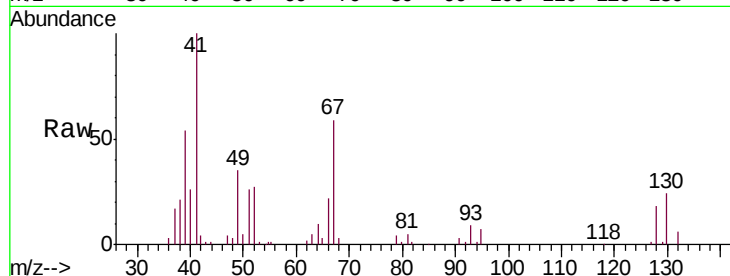
ClientSampleId :

VX0409WBSD02

Tgt Ion:	41	Resp:	46192
Ion Ratio	Lower	Upper	
41	100		
39	55.1	42.1	63.1
67	64.2	51.0	76.6
52	25.9	21.4	32.0

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#42

1,2-Dichloroethane

Concen: 18.254 ug/l

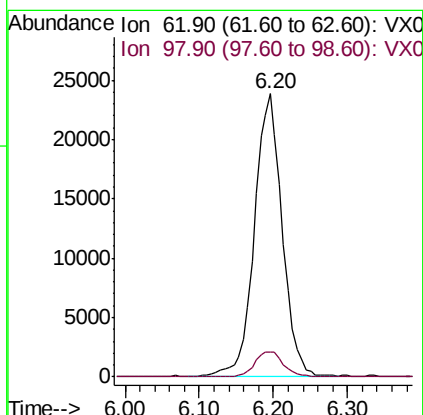
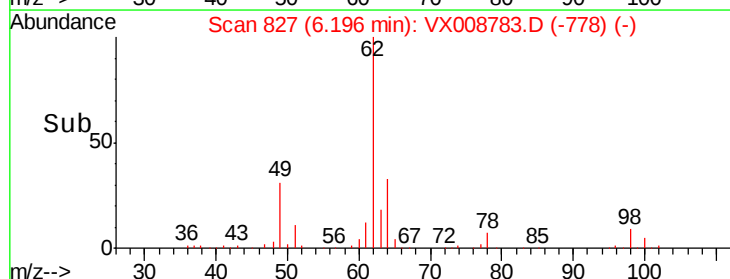
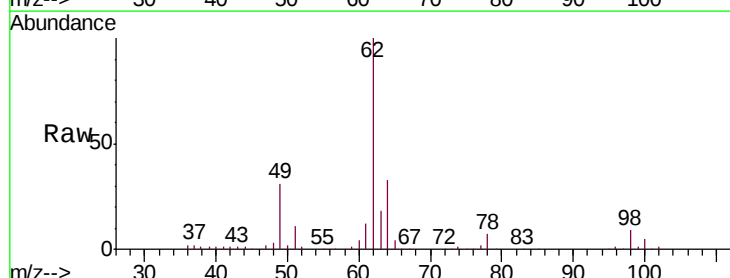
RT: 6.20 min Scan# 827

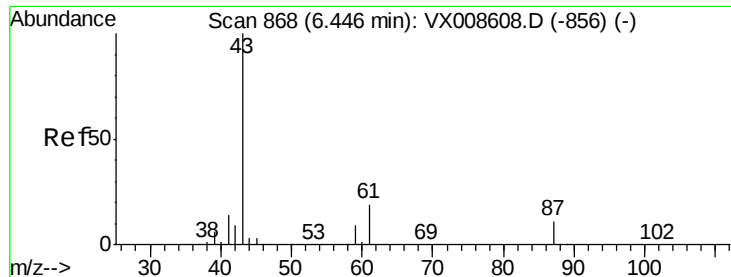
Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	62	Resp:	62443
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	18.0





#43

Isopropyl Acetate

Concen: 18.933 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

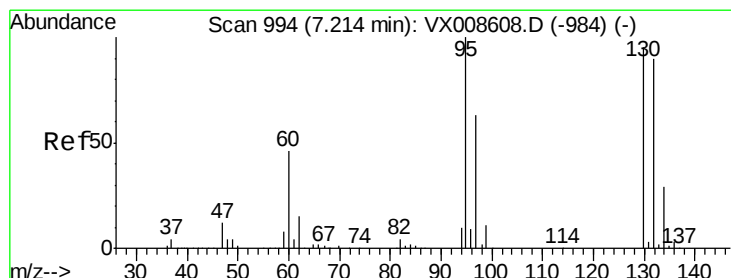
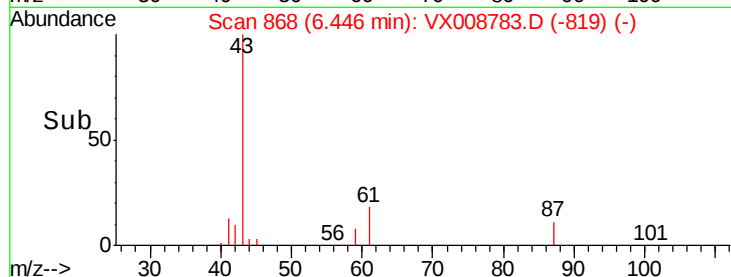
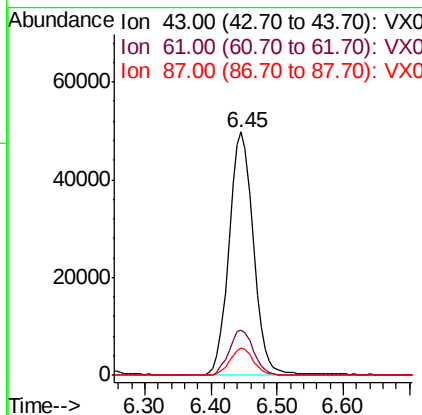
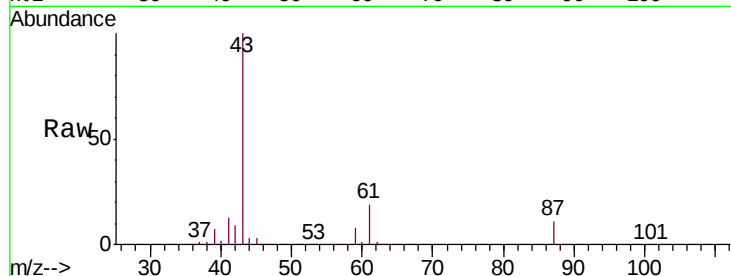
ClientSampleId :

VX0409WBSD02

Tgt Ion:	43	Resp:	126799
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.3	22.9
87	11.0	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 17.667 ug/l

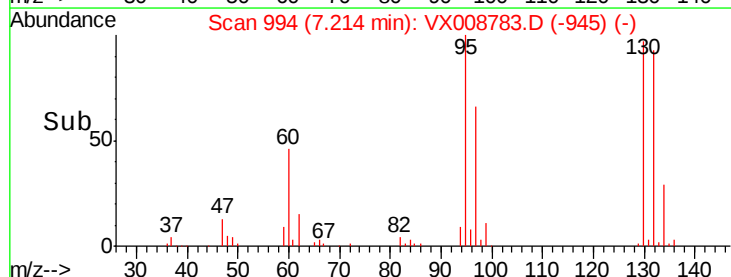
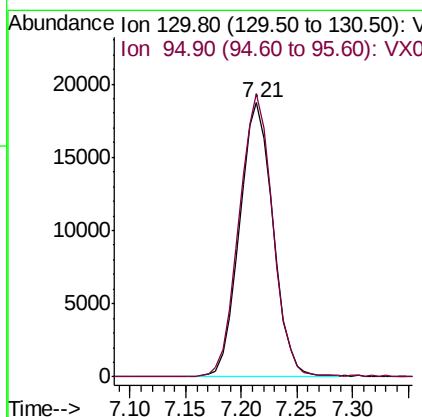
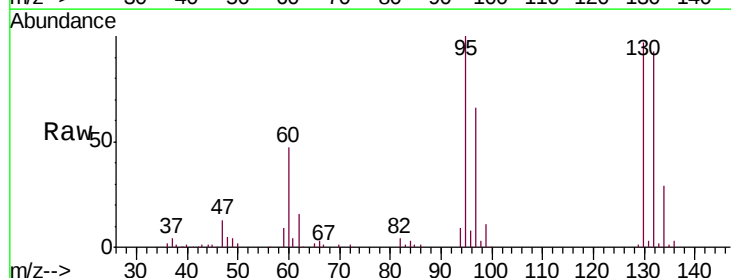
RT: 7.21 min Scan# 994

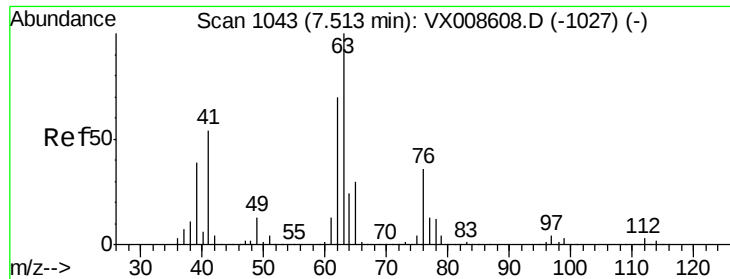
Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	130	Resp:	39263
Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	209.8





#45

1,2-Dichloropropane

Concen: 18.249 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 63 Resp: 49701

Ion Ratio Lower Upper

63 100

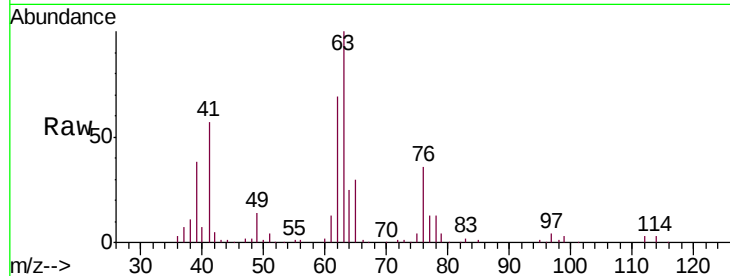
65 30.2 24.2 36.4

Manual Integrations

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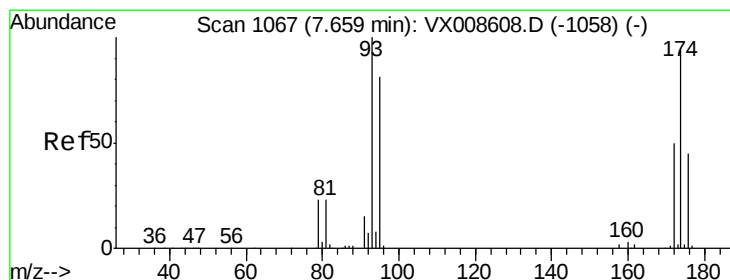
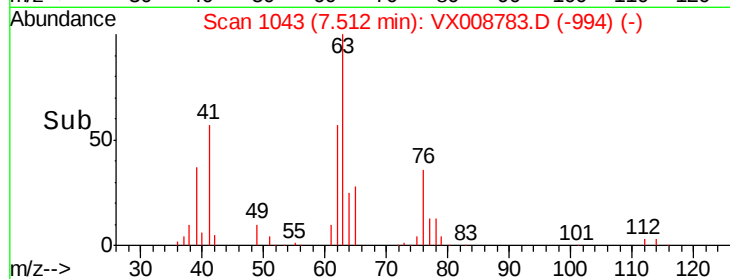
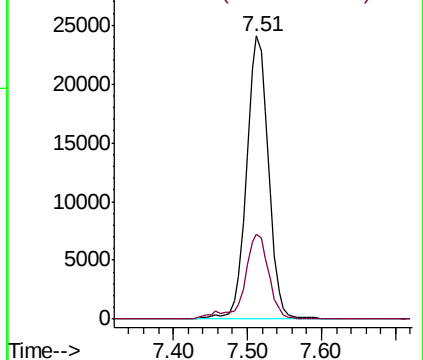
MMDadoda

4/10/2019 10:05:23 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.548 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

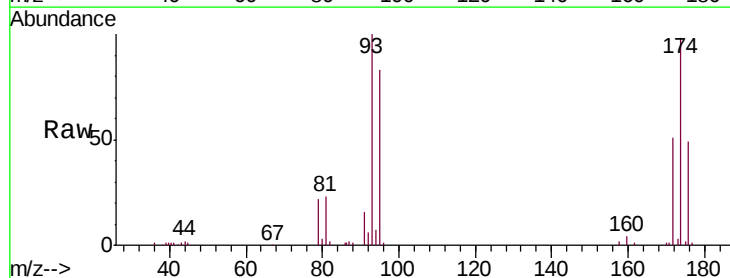
Tgt Ion: 93 Resp: 27718

Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

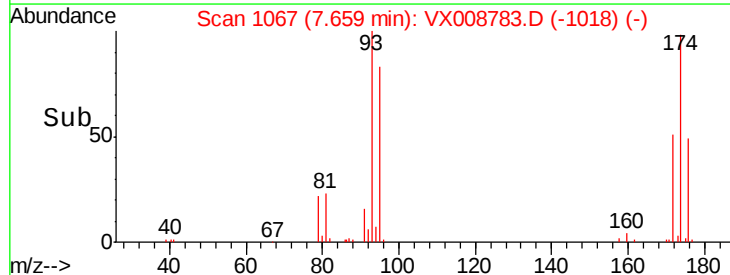
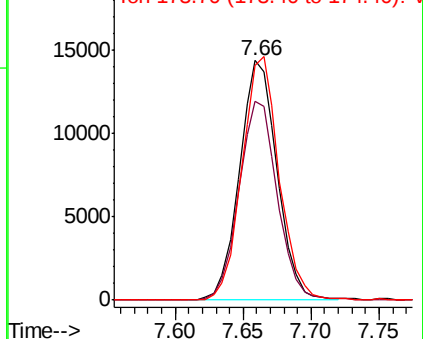
174 100.6 77.7 116.5

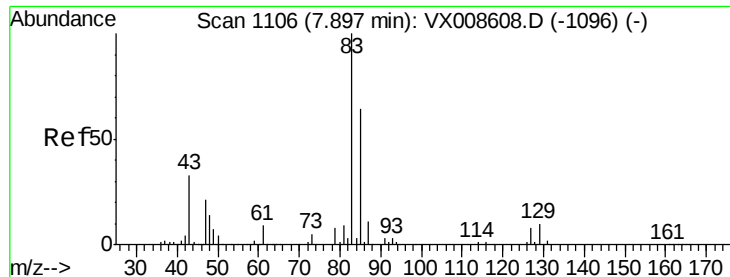


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





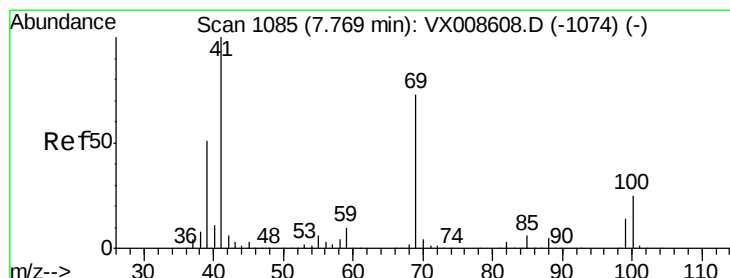
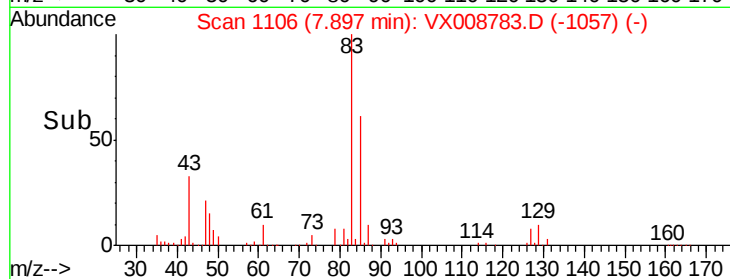
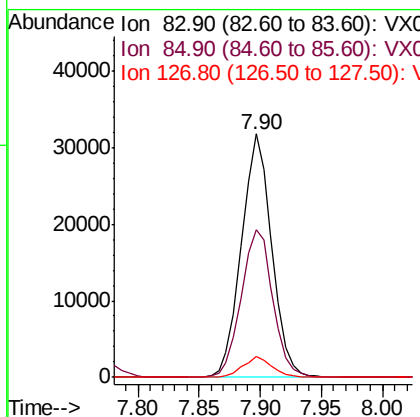
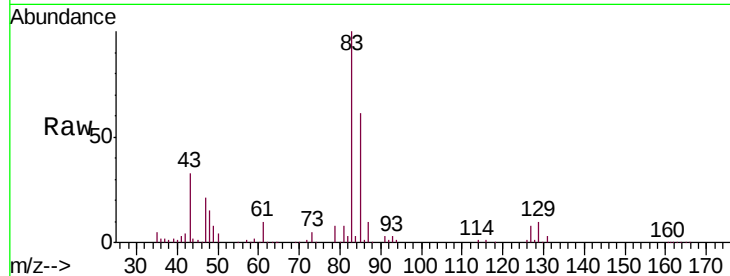
#47
 Bromodichloromethane
 Concen: 18.340 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	54623		
85	60.6	51.2	76.8	
127	8.4	6.6	10.0	

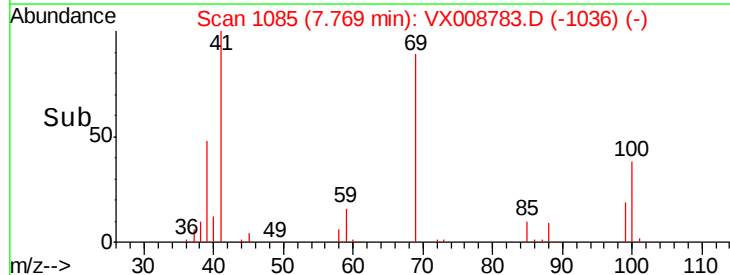
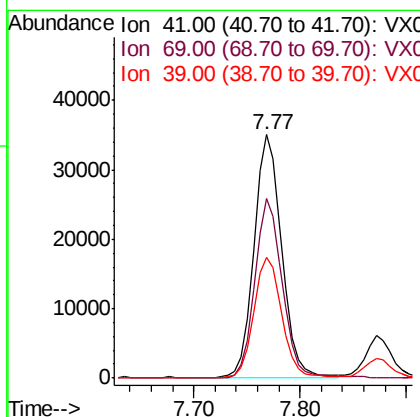
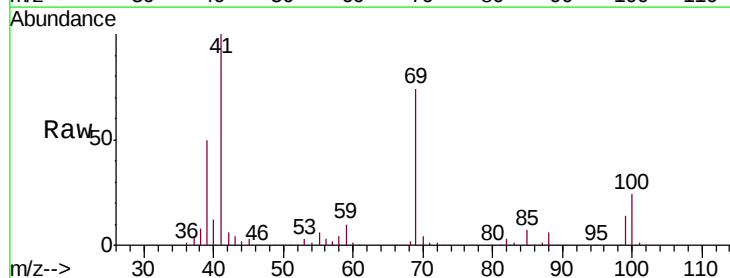
Manual Integrations
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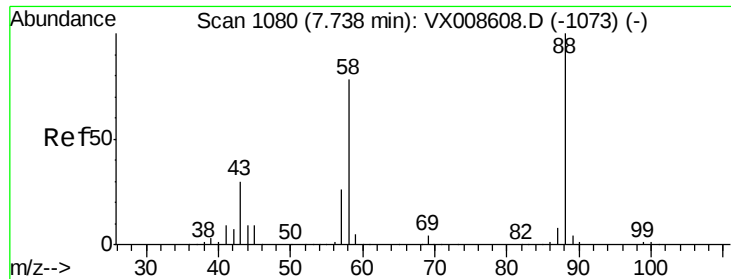
MMDadoda
 4/10/2019 10:05:23 AM



#48
 Methyl methacrylate
 Concen: 18.817 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	63748		
69	73.8	59.0	88.4	
39	50.1	41.0	61.4	





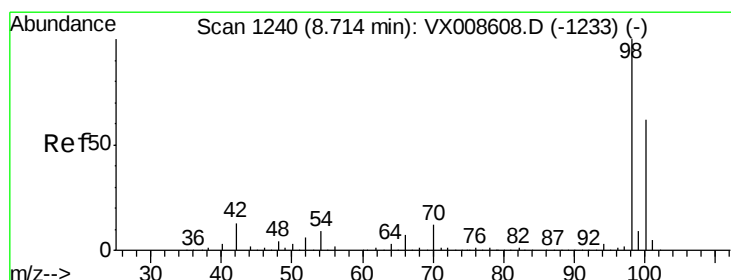
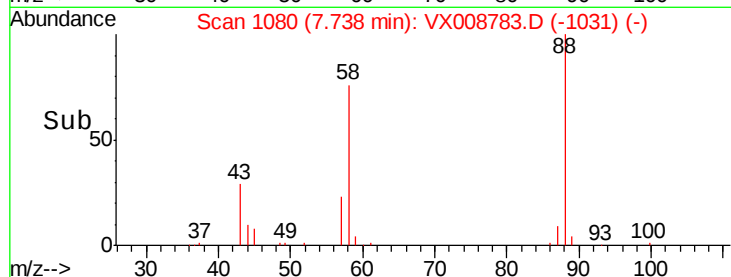
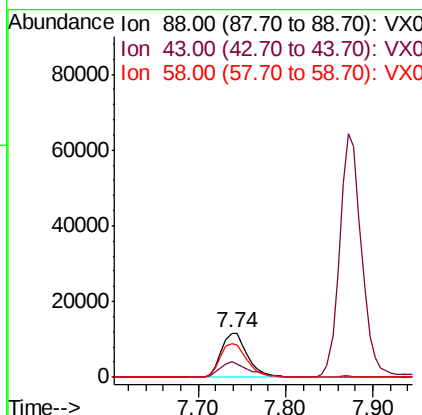
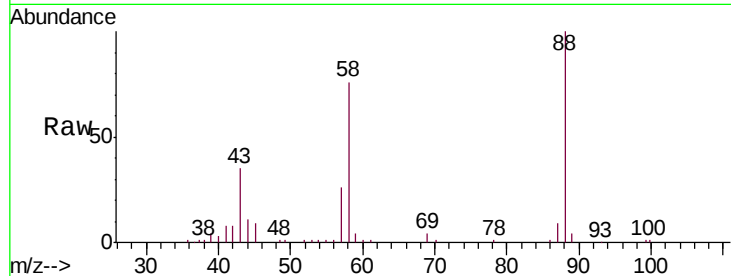
#49
1,4-Dioxane
Concen: 389.852 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.5	28.6	43.0
58	79.0	62.2	93.2

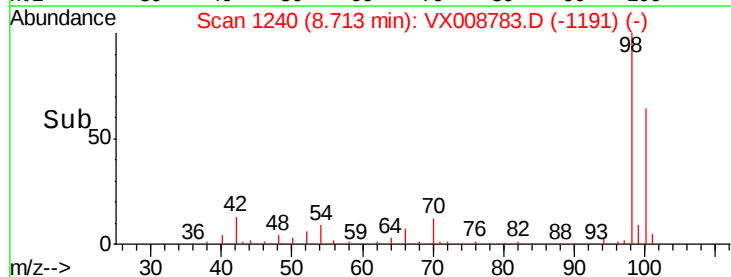
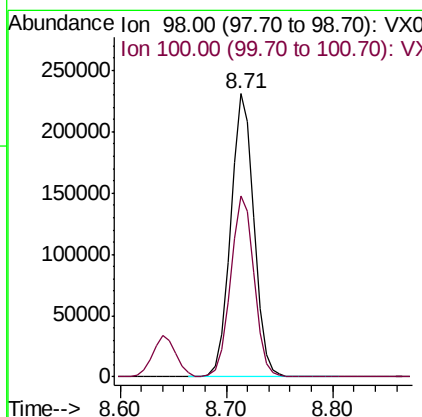
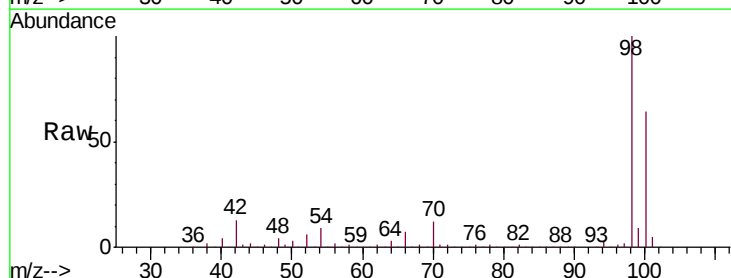
Manual Integrations
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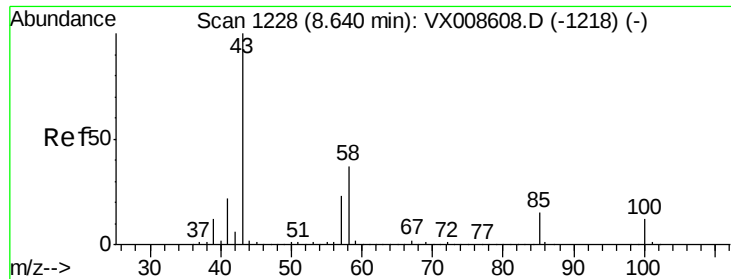
MMDadoda
4/10/2019 10:05:23 AM



#50
Toluene-d8
Concen: 47.554 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





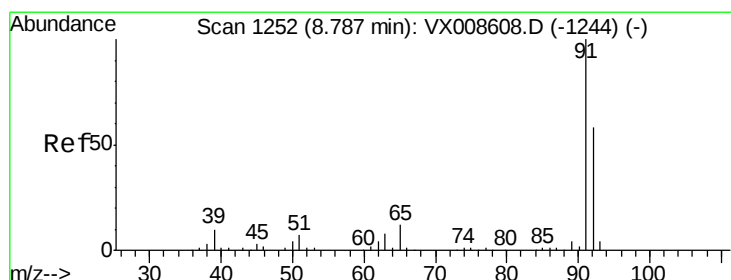
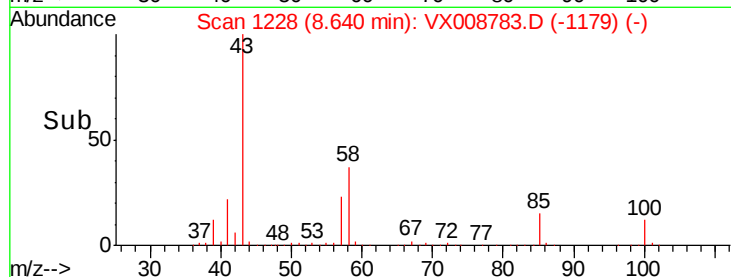
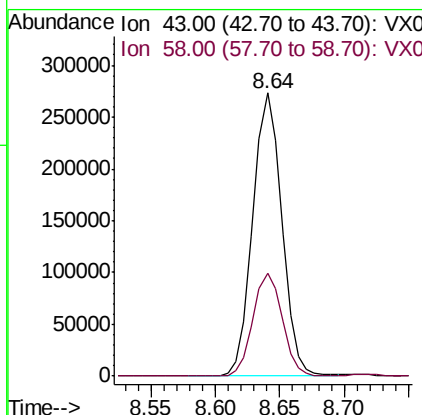
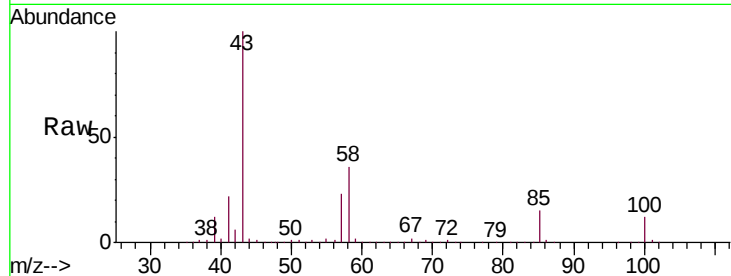
#51
4-Methyl-2-Pentanone
Concen: 98.494 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.5	44.3

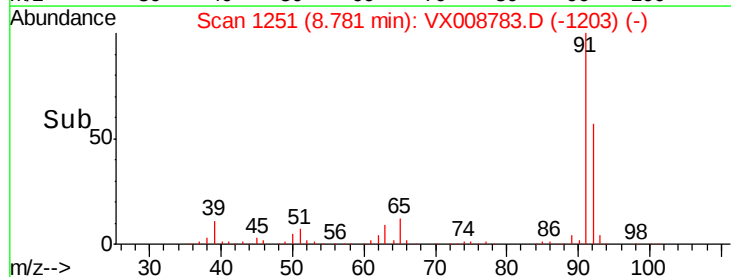
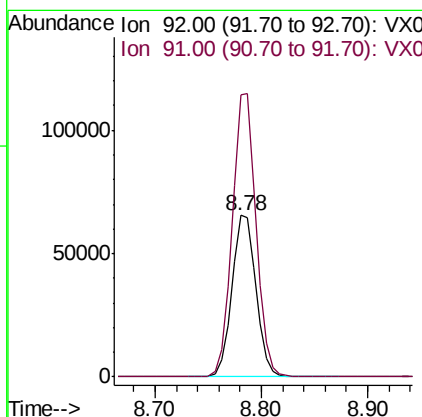
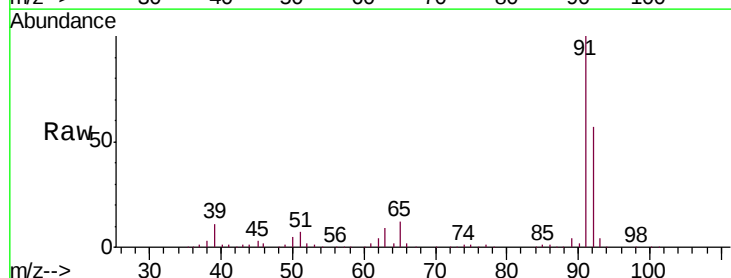
Manual Integrations
APPROVED

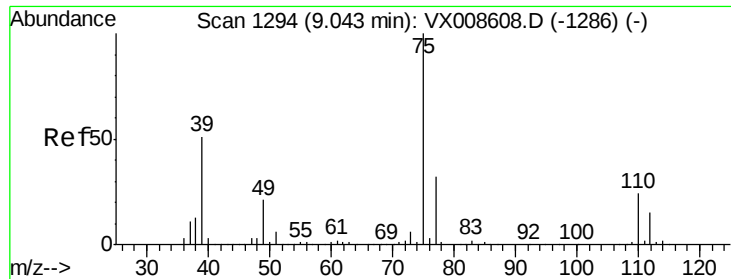
MMDadoda
4/10/2019 10:05:23 AM



#52
Toluene
Concen: 18.510 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.3	138.5	207.7





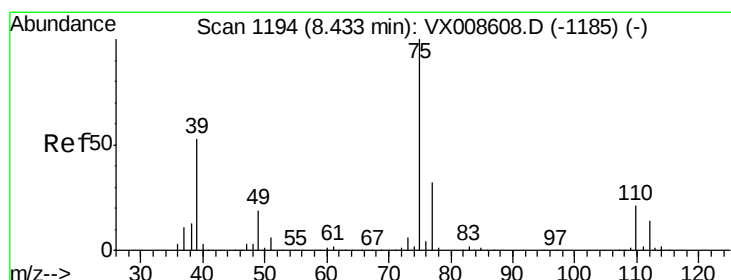
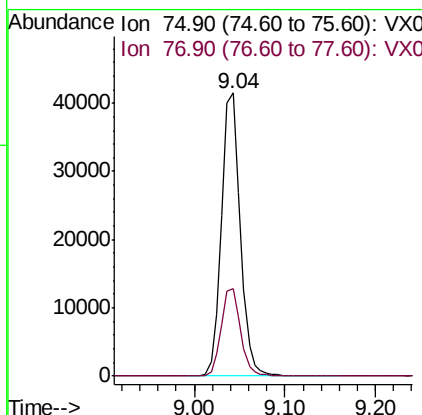
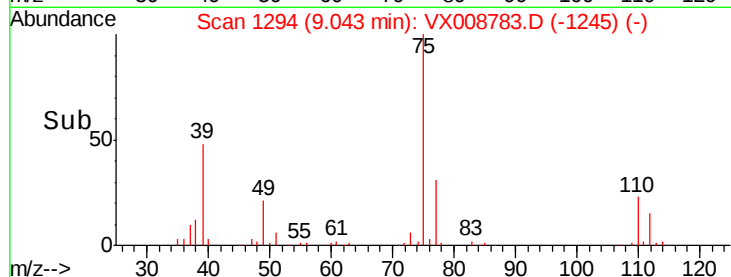
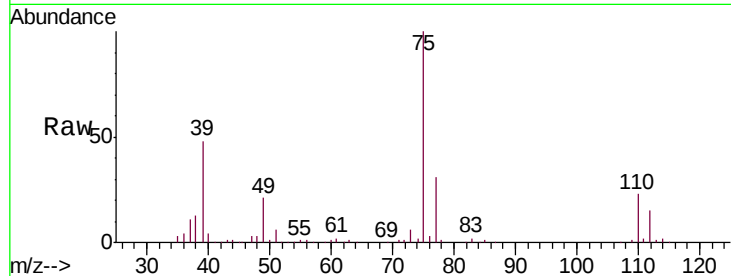
#53
 t-1,3-Dichloropropene
 Concen: 18.079 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD02

Tgt Ion: 75 Resp: 60315
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8

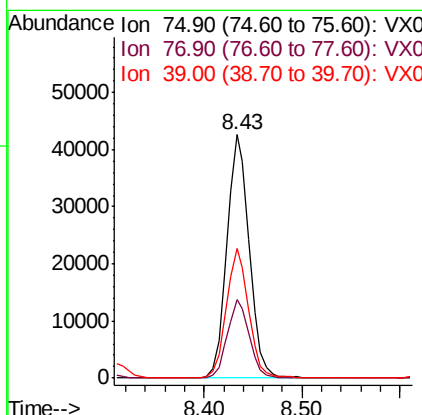
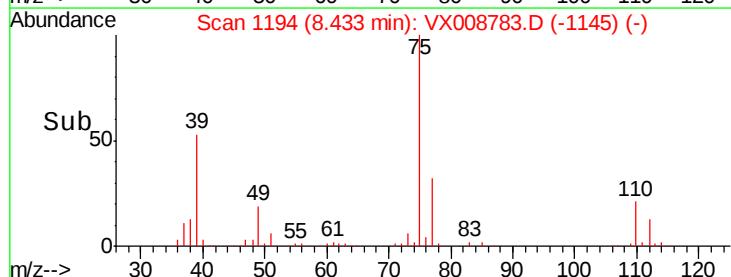
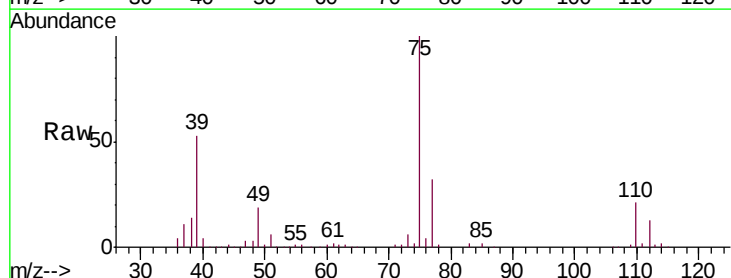
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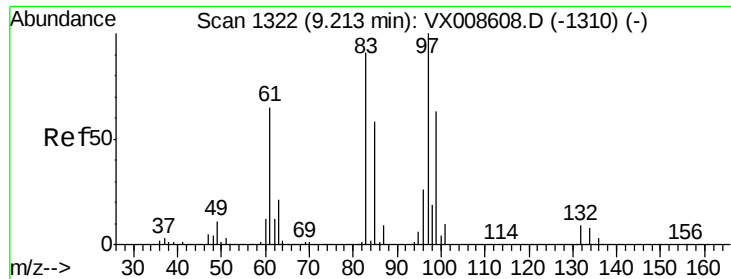
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 17.673 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 75 Resp: 67369
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 53.5 42.6 63.8





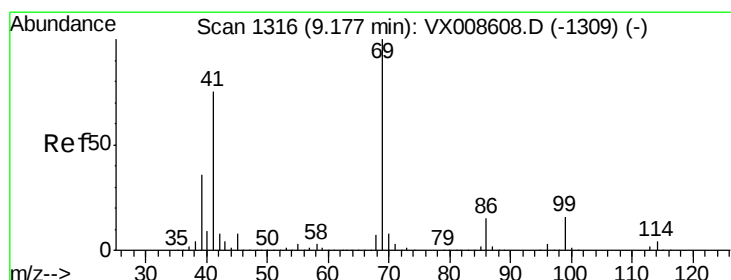
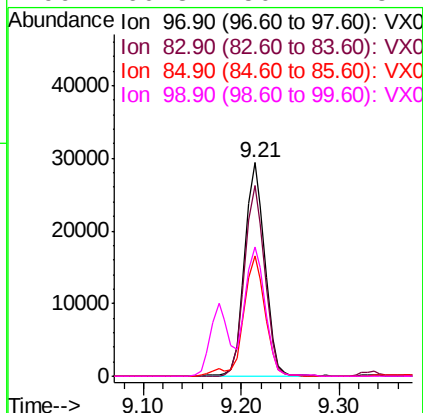
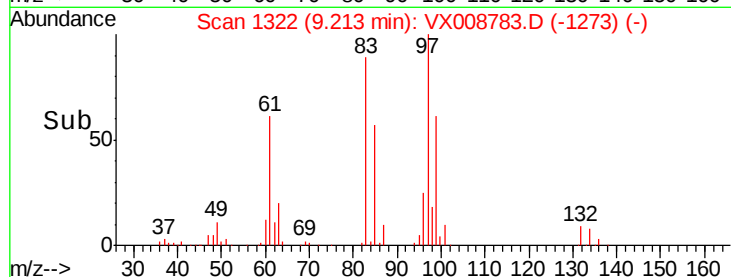
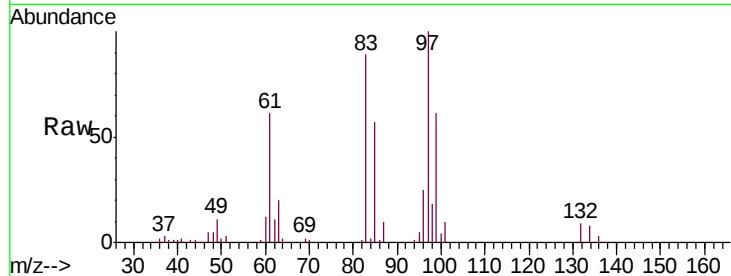
#55
 1,1,2-Trichloroethane
 Concen: 18.896 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD02

Tgt Ion:	97	Resp:	42668
Ion	Ratio	Lower	Upper
97	100		
83	89.5	73.2	109.8
85	56.6	46.6	69.8
99	60.8	50.1	75.1

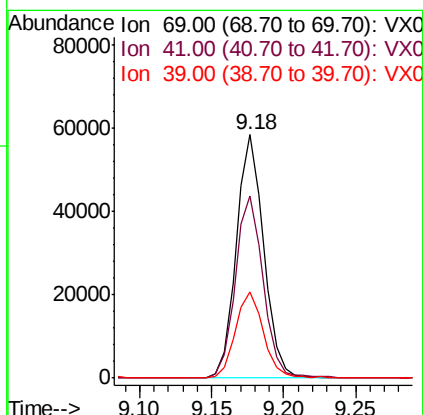
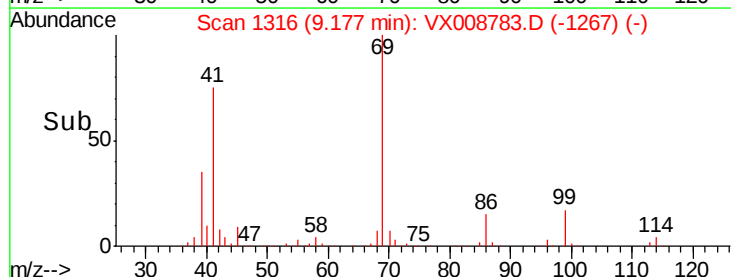
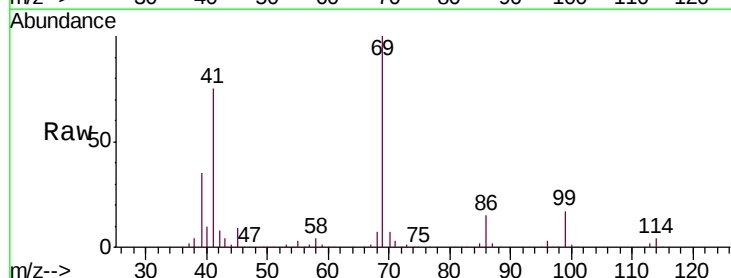
Manual Integrations
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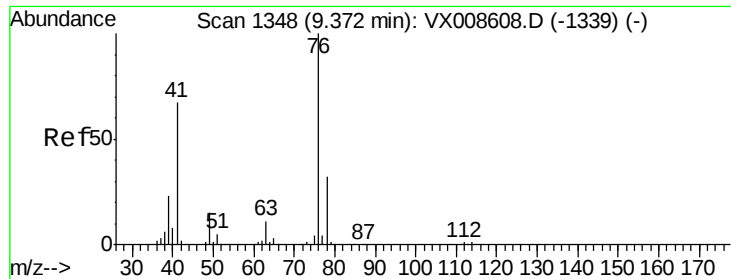
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 4/10/2019 10:05:23 AM



#56
 Ethyl methacrylate
 Concen: 19.022 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion:	69	Resp:	77716
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.1	90.1
39	35.7	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.502 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 76 Resp: 75020

Ion Ratio Lower Upper

76 100

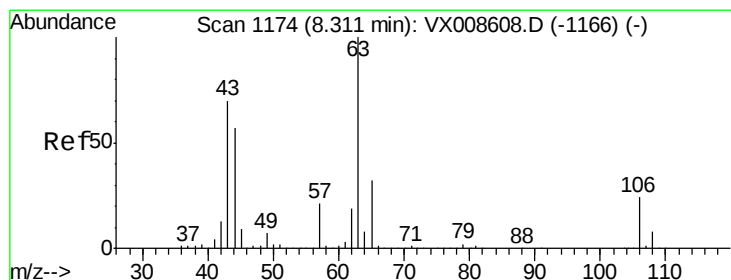
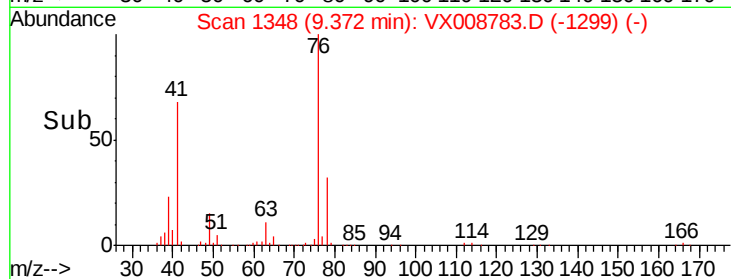
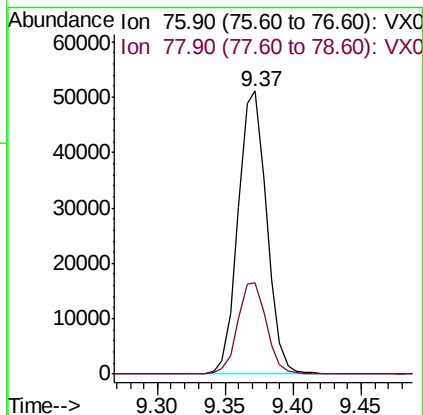
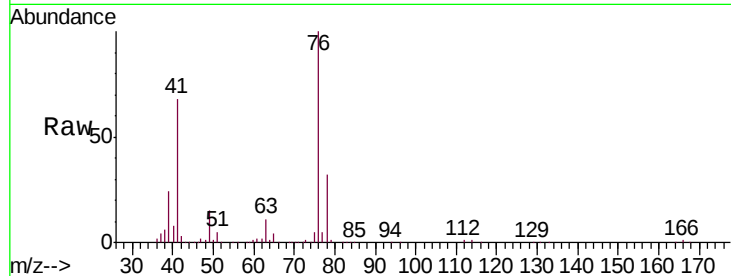
78 32.2 25.6 38.4

Manual Integrations

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MMDadoda

4/10/2019 10:05:23 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.781 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008783.D

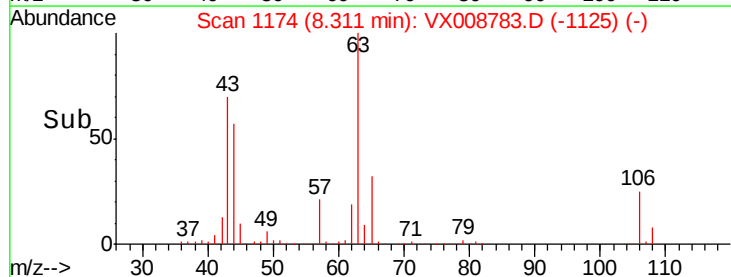
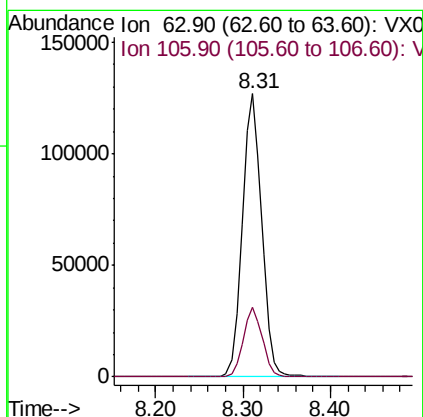
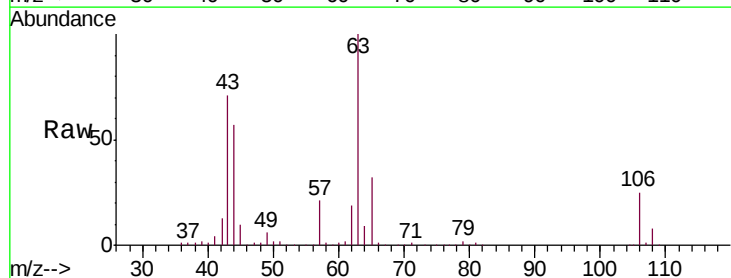
Acq: 09 Apr 2019 20:05

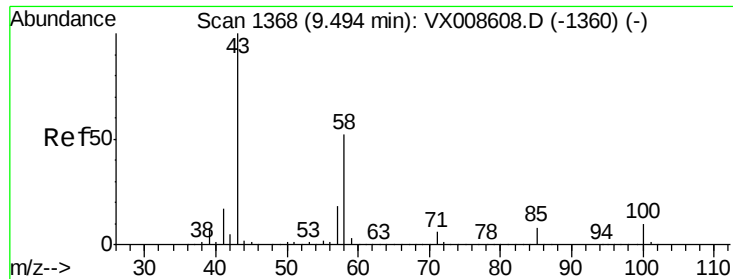
Tgt Ion: 63 Resp: 195647

Ion Ratio Lower Upper

63 100

106 24.2 19.0 28.6





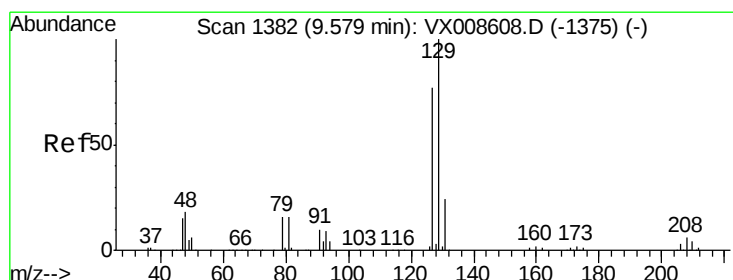
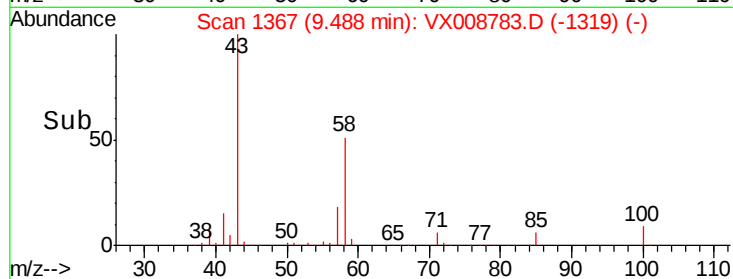
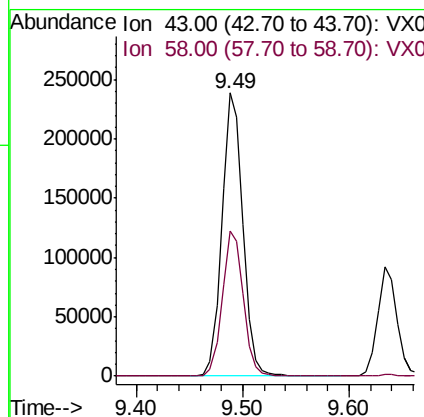
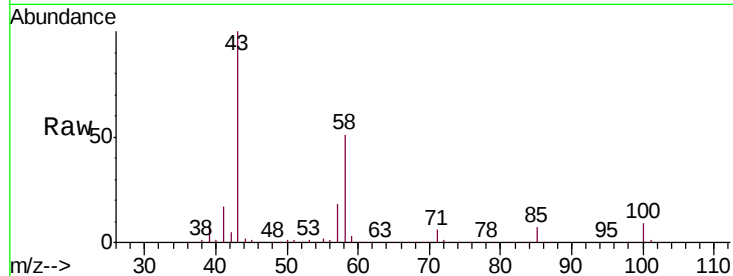
#59
2-Hexanone
Concen: 97.237 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion: 43 Resp: 325787
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7

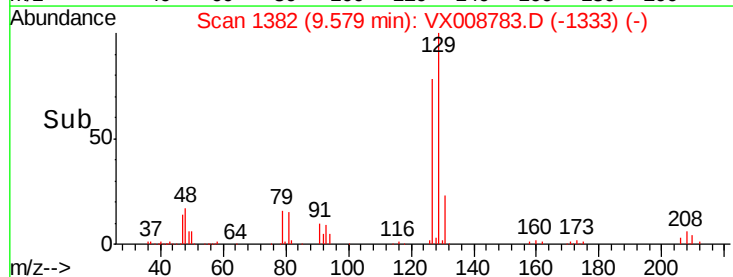
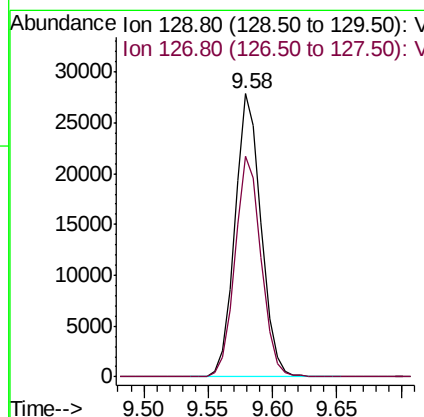
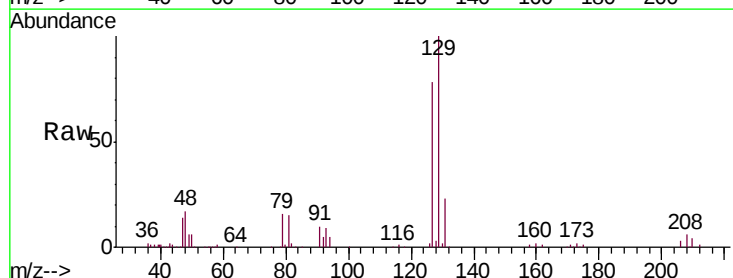
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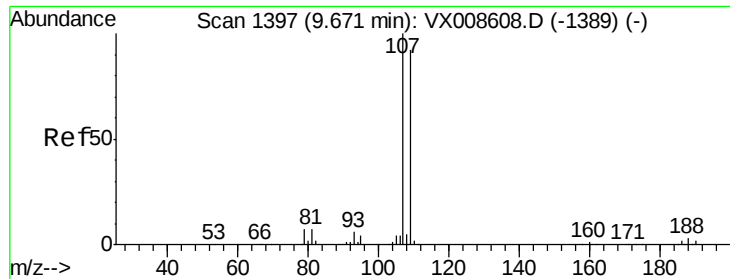
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#60
Dibromochloromethane
Concen: 18.521 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion: 129 Resp: 39409
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.149 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 107 Resp: 42663

Ion Ratio Lower Upper

107 100

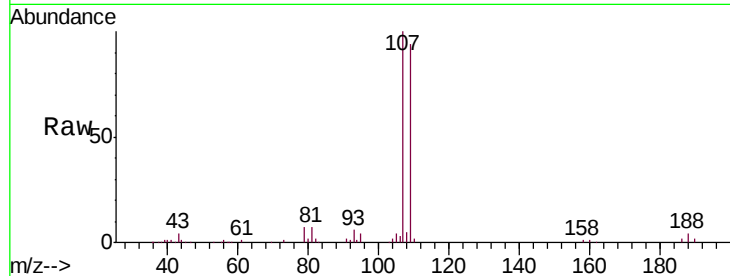
109 94.0 74.1 111.1

Manual Integrations

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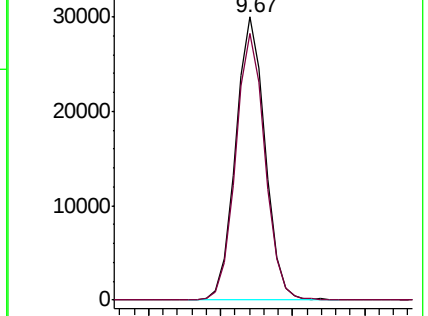
MMDadoda

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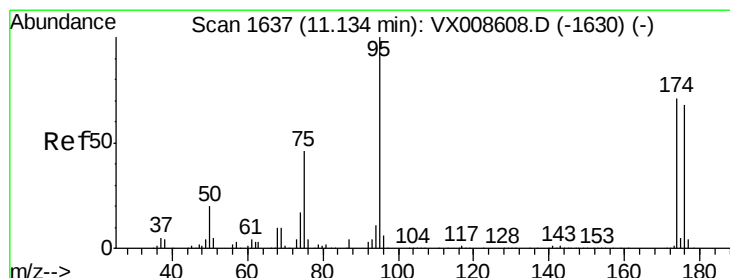
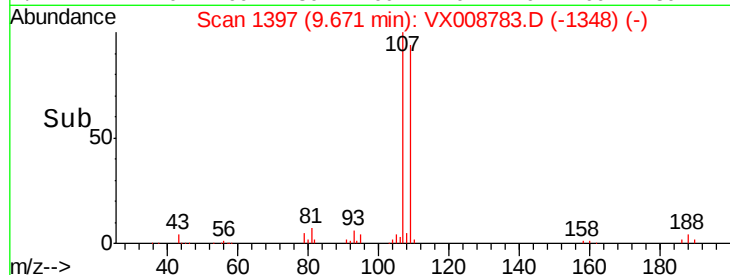


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 47.827 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

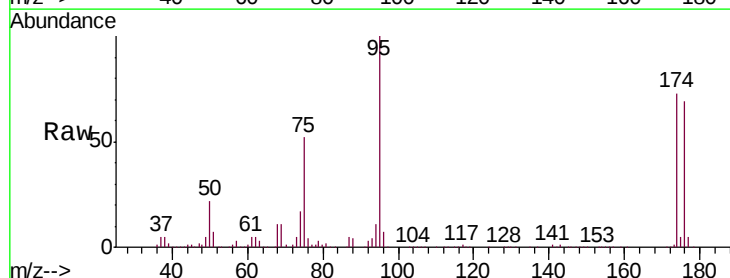
Tgt Ion: 95 Resp: 126515

Ion Ratio Lower Upper

95 100

174 78.0 0.0 151.8

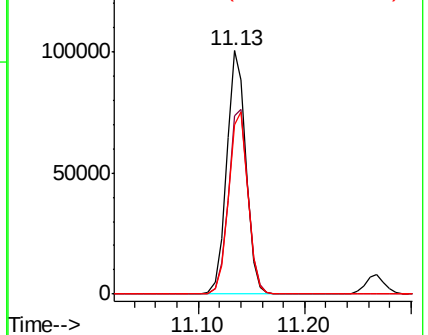
176 75.8 0.0 145.8



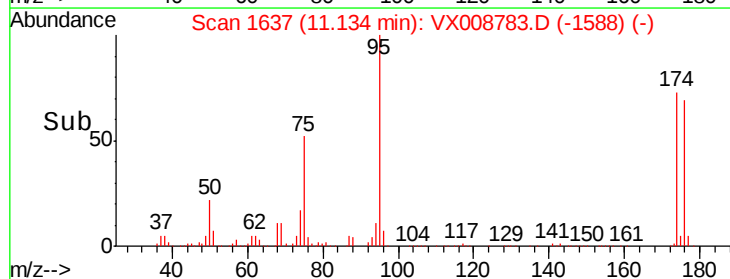
Abundance Ion 94.90 (94.60 to 95.60): VX0

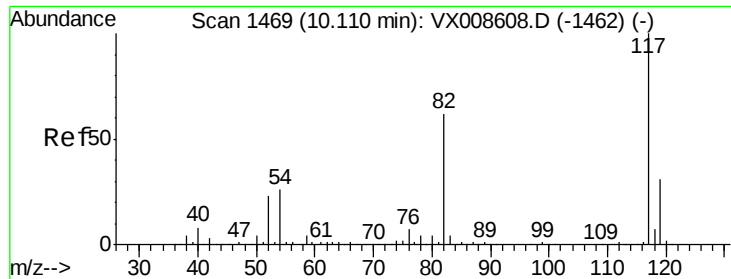
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





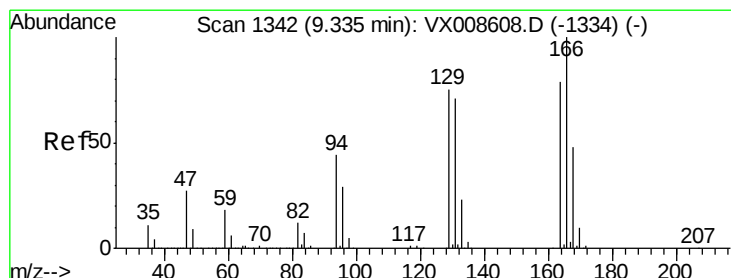
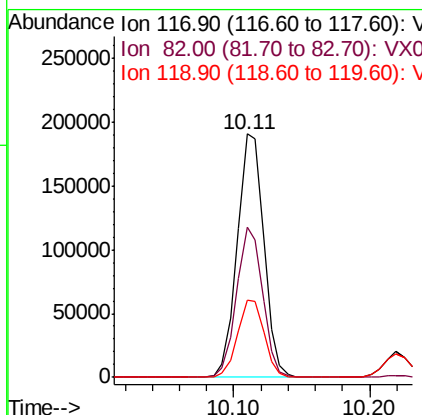
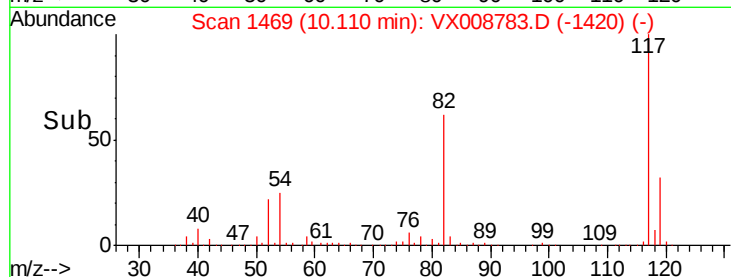
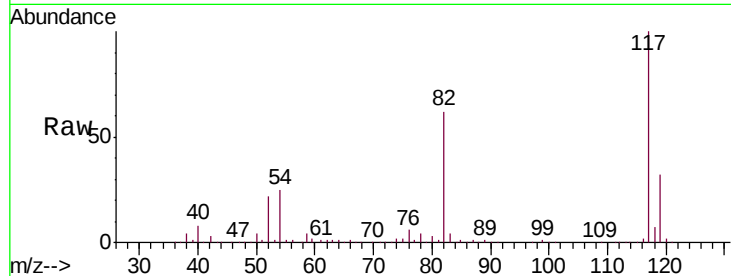
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.6	74.4
119	31.9	25.0	37.4

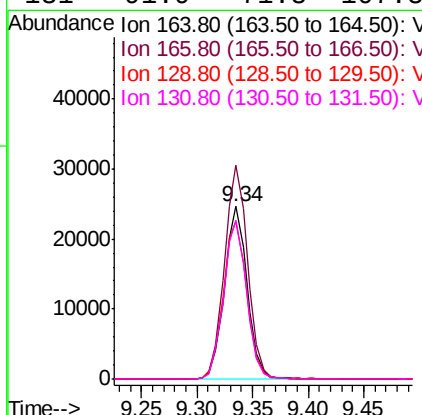
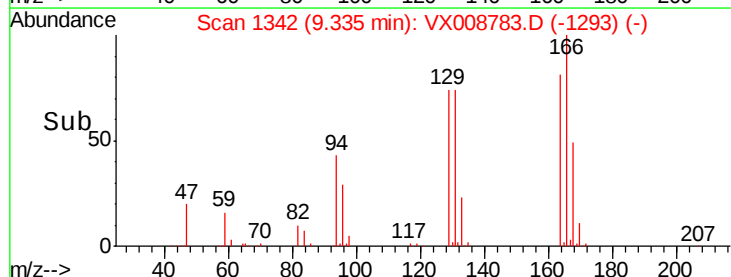
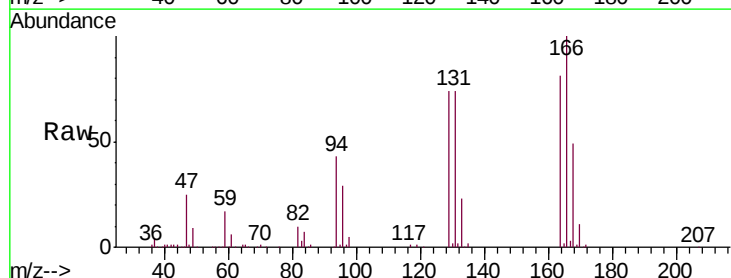
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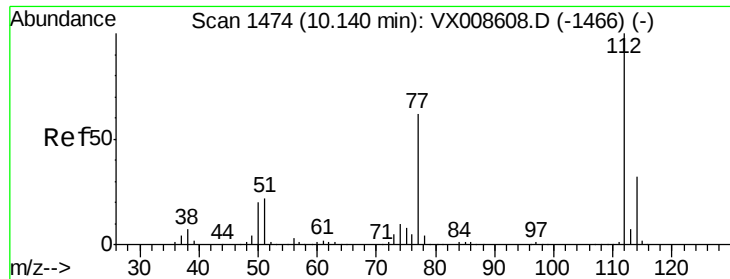
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#64
Tetrachloroethene
Concen: 18.017 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	101.0	151.6
129	91.2	75.8	113.8
131	91.9	71.8	107.8





#65

Chlorobenzene

Concen: 18.516 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion:112 Resp: 106925

Ion Ratio Lower Upper

112 100

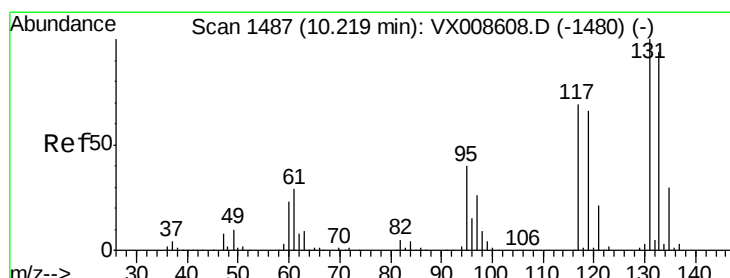
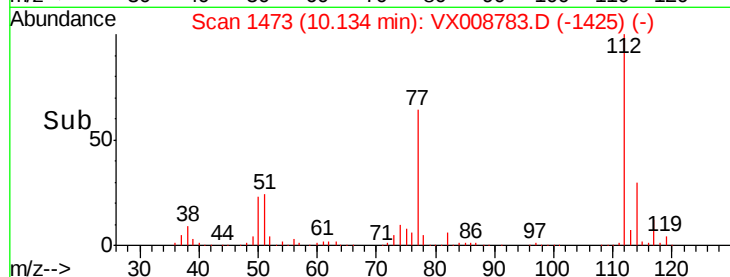
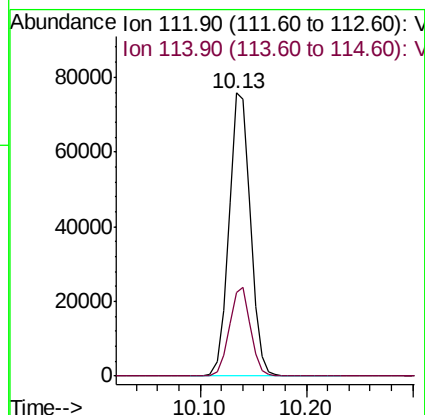
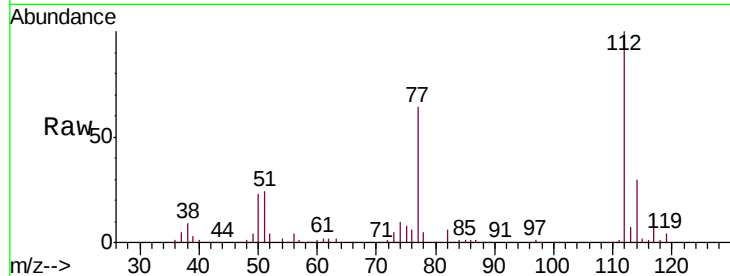
114 29.5 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.358 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

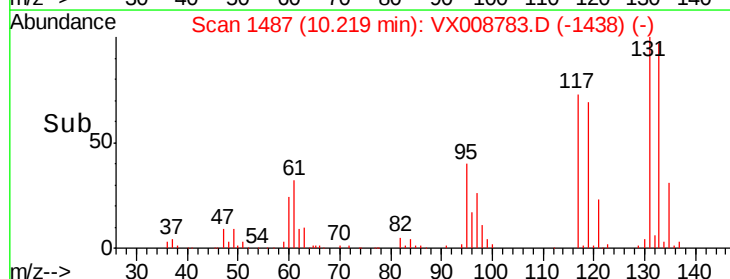
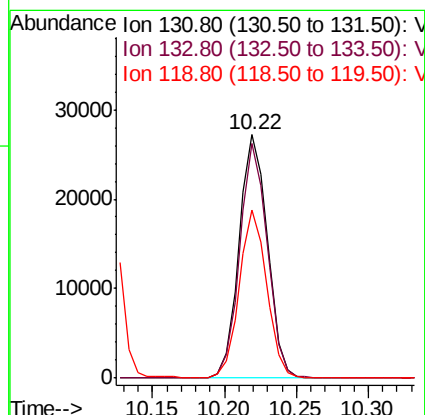
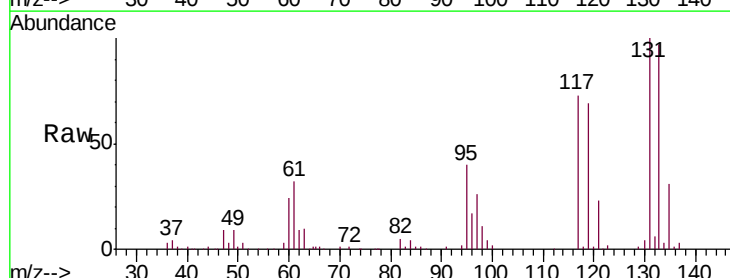
Tgt Ion:131 Resp: 37192

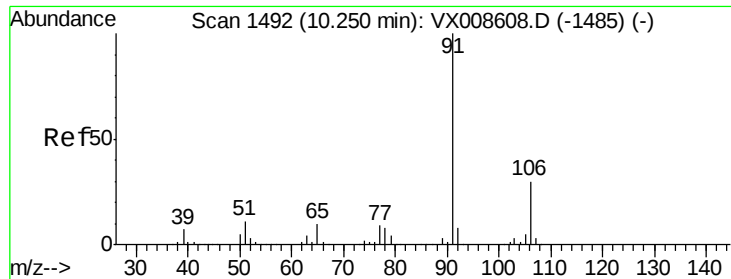
Ion Ratio Lower Upper

131 100

133 94.1 47.0 141.2

119 67.2 33.7 101.0





#67

Ethyl Benzene

Concen: 18.240 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 91 Resp: 196403

Ion Ratio Lower Upper

91 100

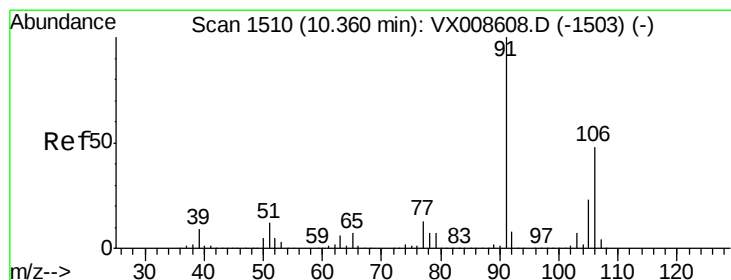
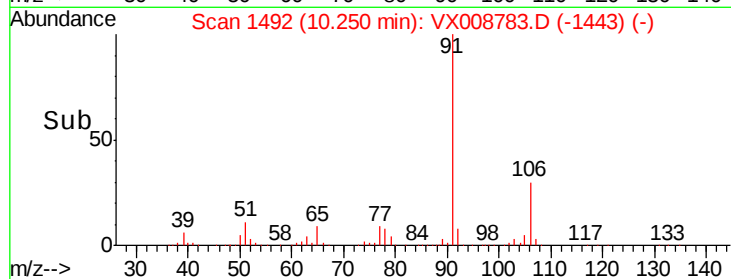
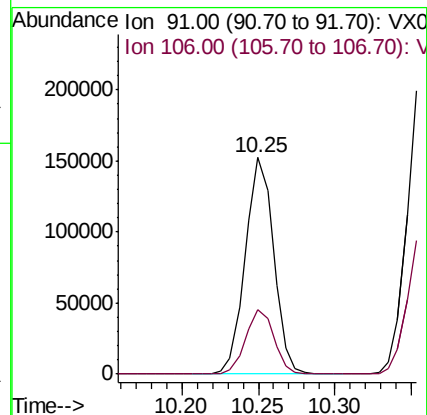
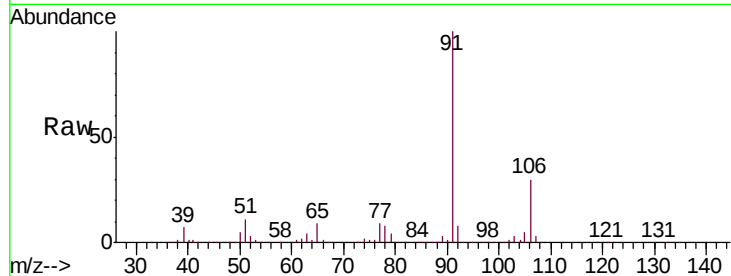
106 30.0 23.7 35.5

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#68

m/p-Xylenes

Concen: 36.100 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008783.D

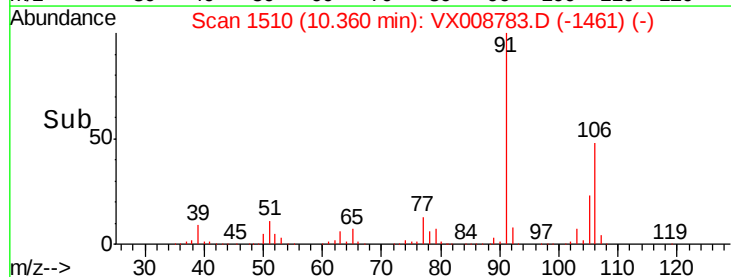
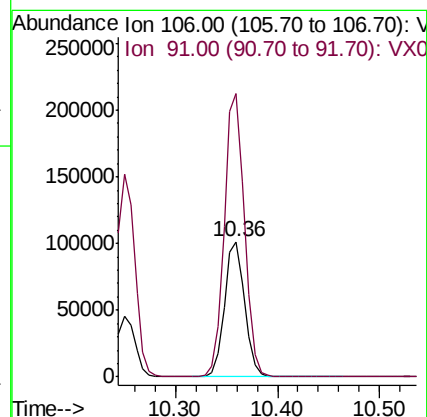
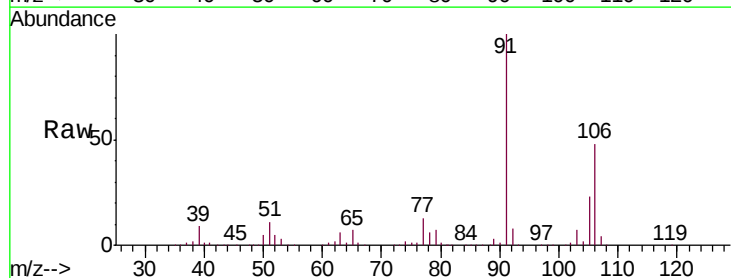
Acq: 09 Apr 2019 20:05

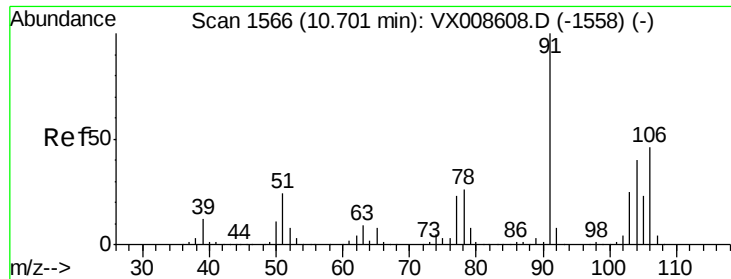
Tgt Ion: 106 Resp: 139767

Ion Ratio Lower Upper

106 100

91 209.8 168.5 252.7





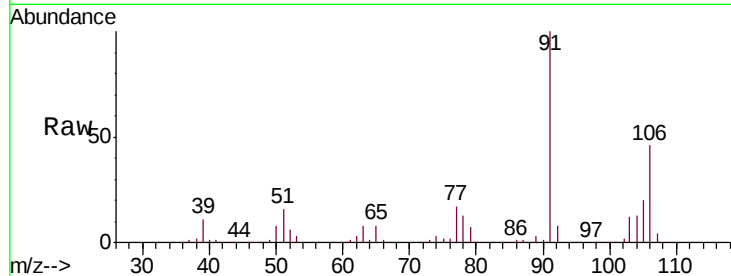
#69
o-Xylene
Concen: 18.706 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

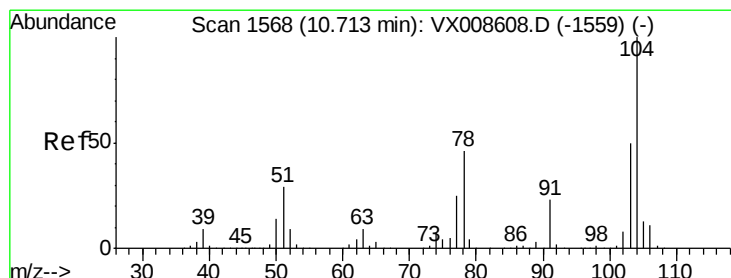
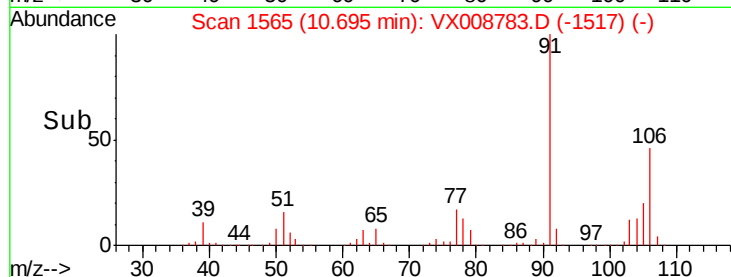
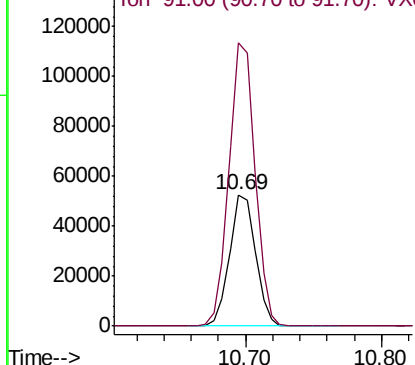
Tgt Ion:106 Resp: 70185
Ion Ratio Lower Upper
106 100
91 216.5 111.5 334.4

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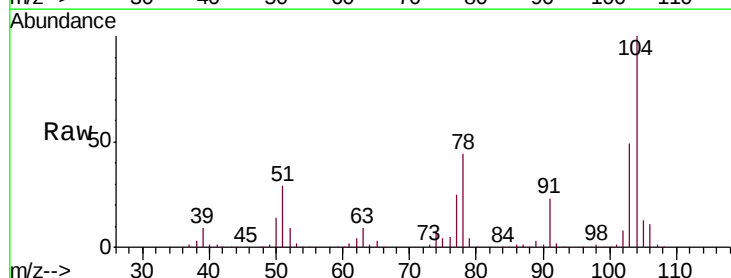


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

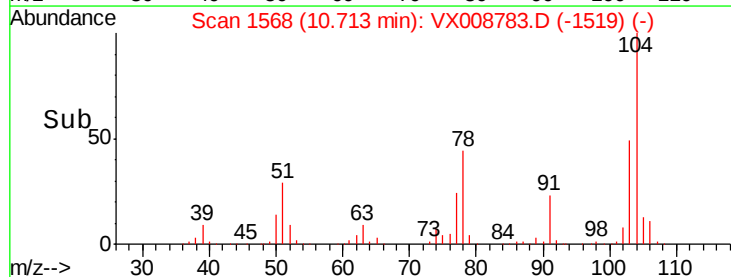
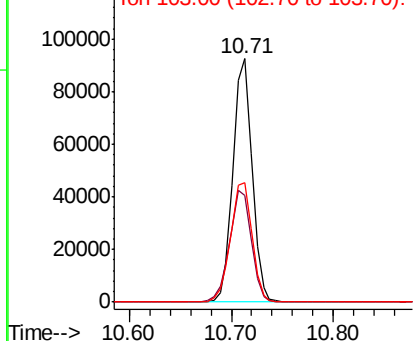


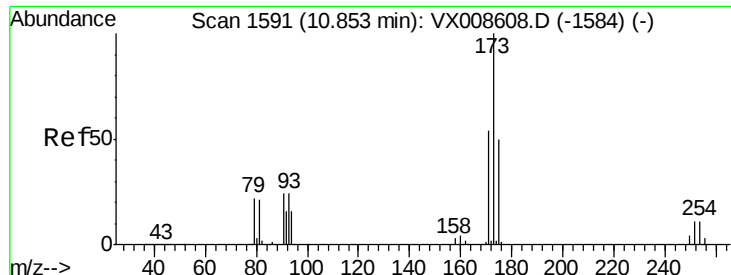
#70
Styrene
Concen: 18.566 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion:104 Resp: 120081
Ion Ratio Lower Upper
104 100
78 52.1 42.3 63.5
103 54.7 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: 18.904 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion:173 Resp: 29249

Ion Ratio Lower Upper

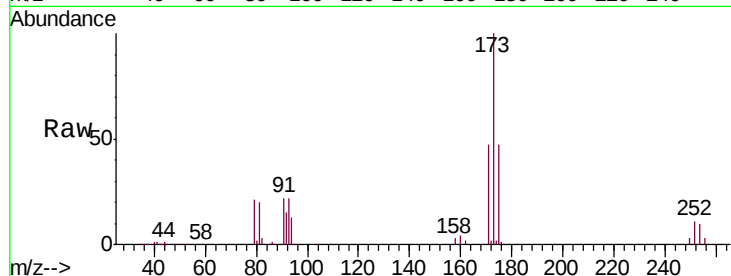
173 100

175 47.2 24.9 74.6

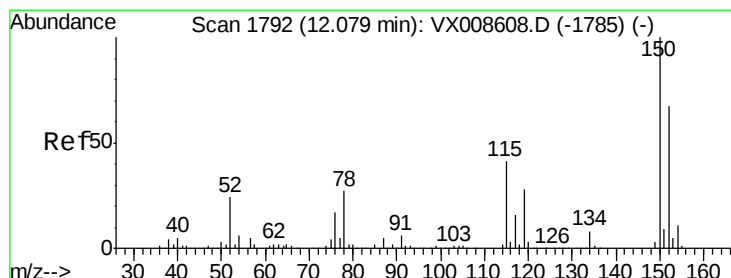
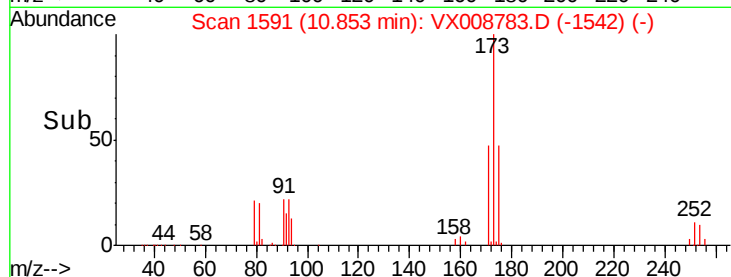
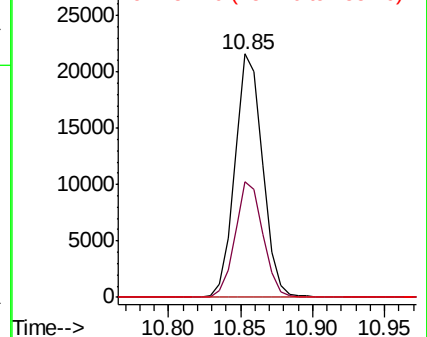
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

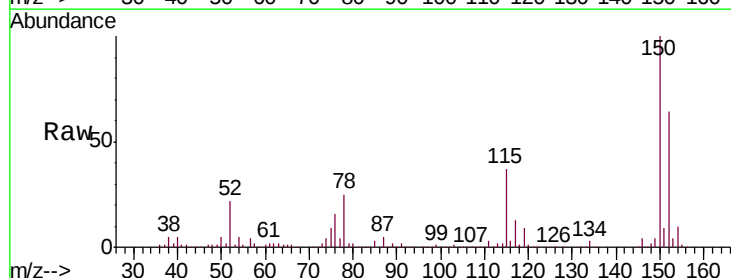
Tgt Ion:152 Resp: 119471

Ion Ratio Lower Upper

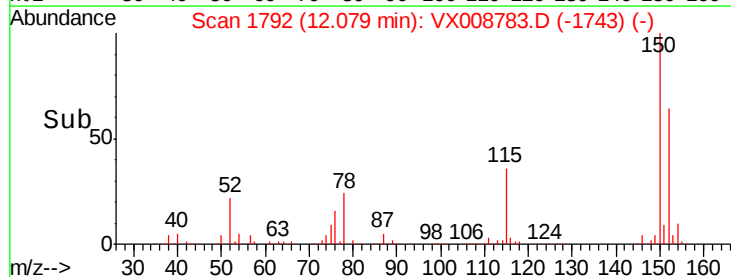
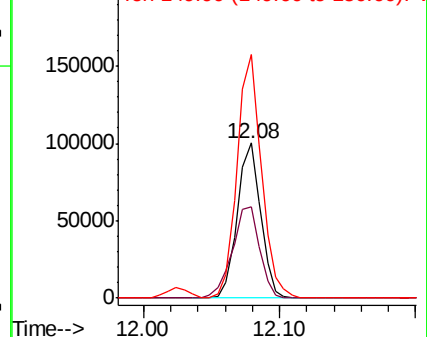
152 100

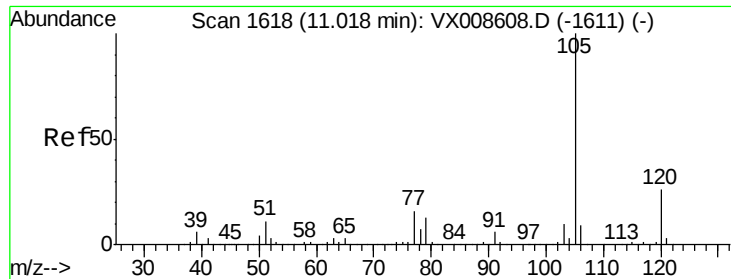
115 69.1 43.5 130.5

150 164.5 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.653 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 105 Resp: 184684

Ion Ratio Lower Upper

105 100

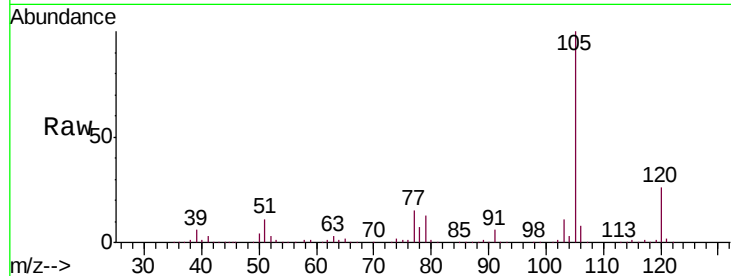
120 25.8 12.9 38.6

Manual Integrations

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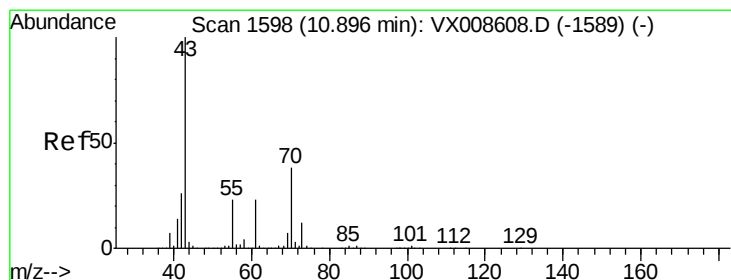
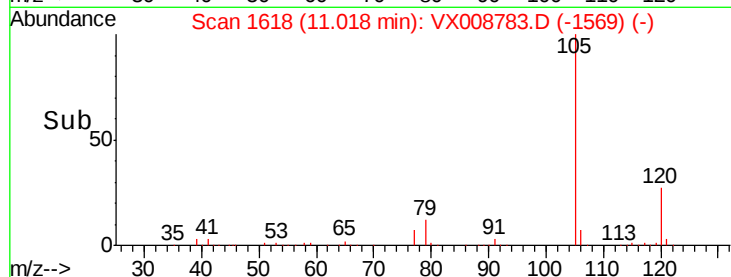
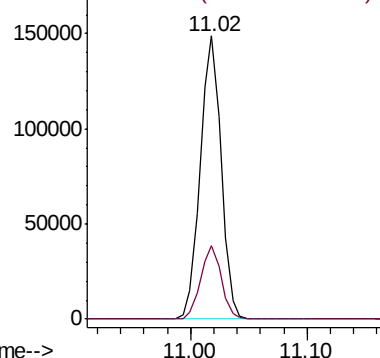
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.220 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion: 43 Resp: 111961

Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 23.0 18.2 27.4

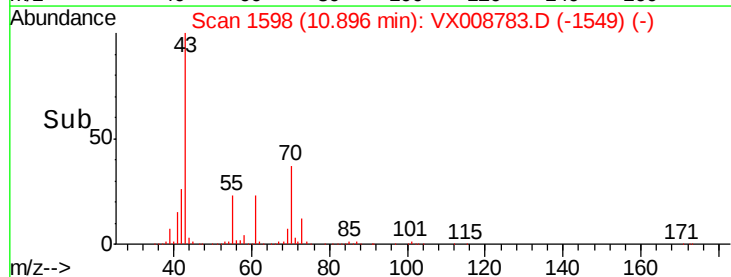
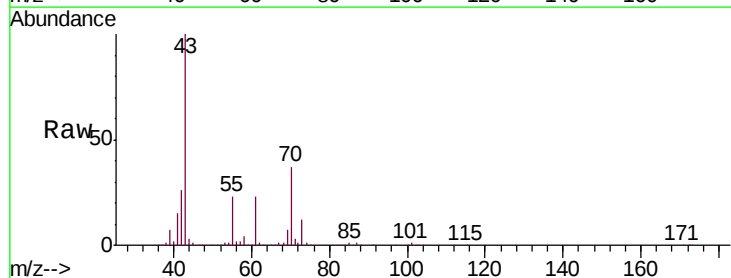
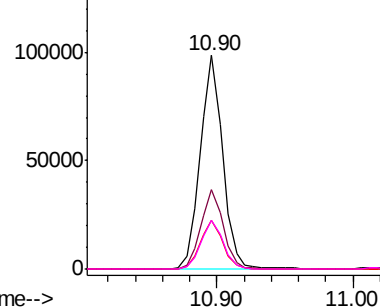
61 22.9 18.6 28.0

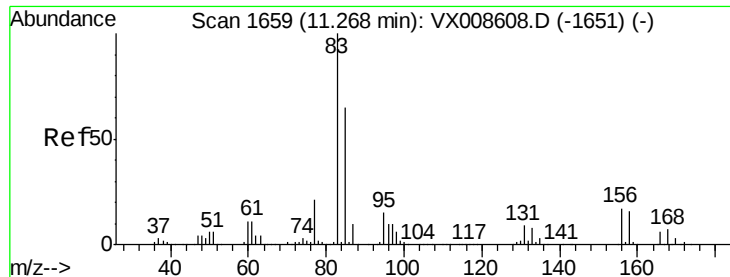
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.646 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

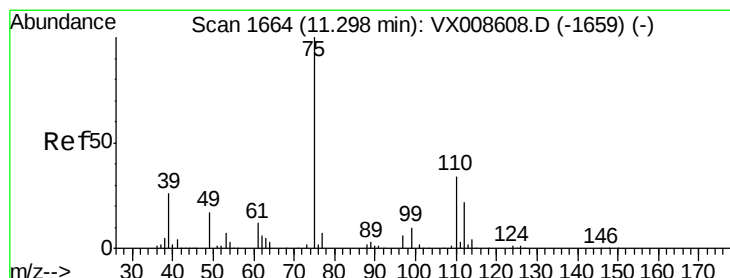
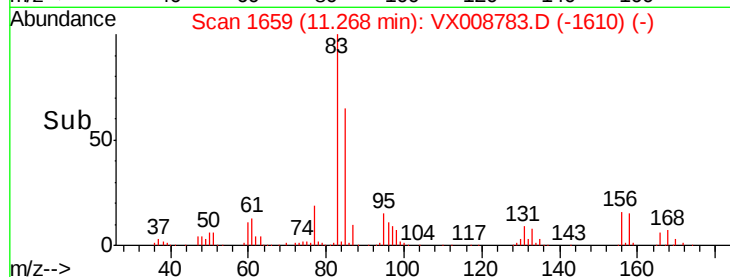
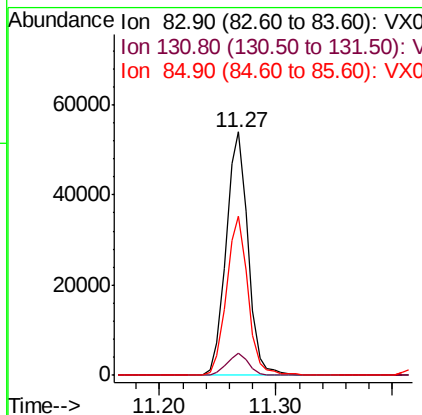
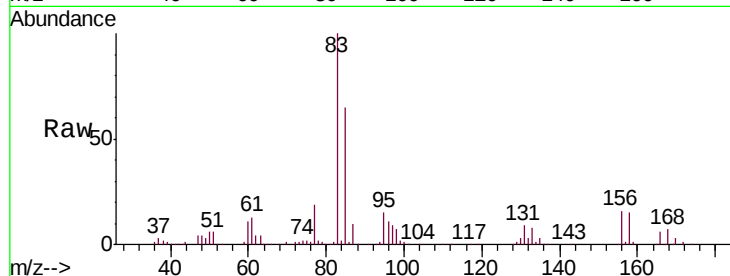
ClientSampleId :

VX0409WBSD02

Tgt Ion:	83	Resp:	70210
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.7
85	64.2	32.0	96.2

Manual Integrations
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4/10/2019 10:05:23 AM



#76

1,2,3-Trichloropropane

Concen: 18.649 ug/l m

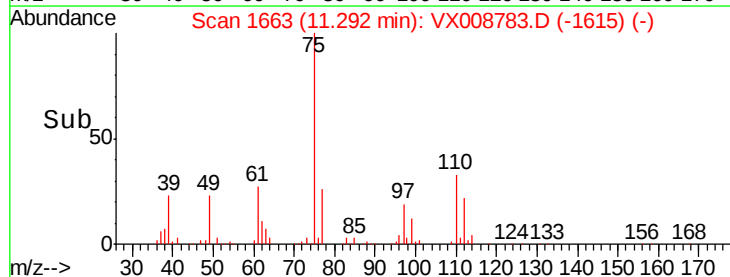
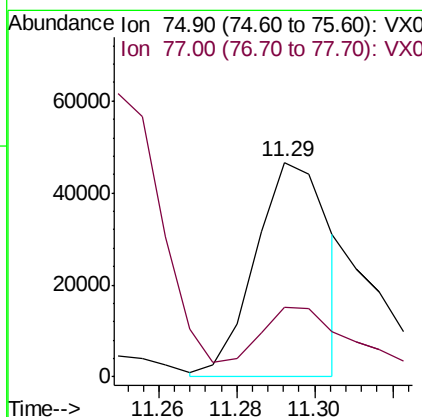
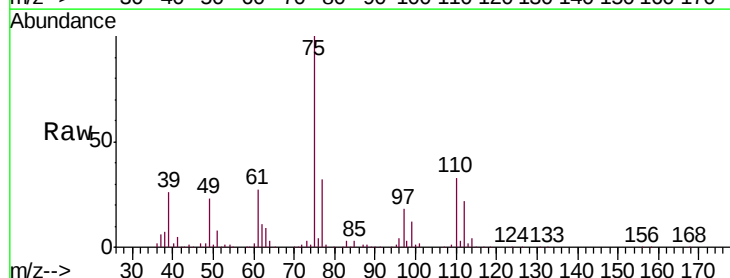
RT: 11.29 min Scan# 1663

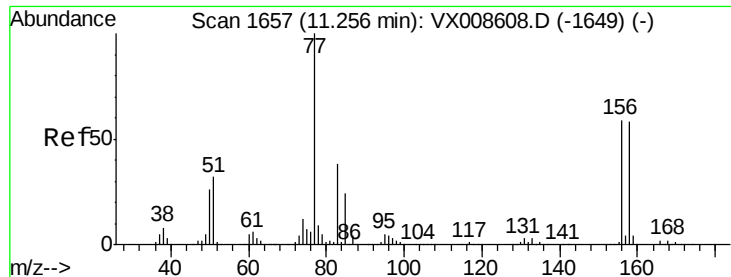
Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	75	Resp:	61207
Ion Ratio	Lower	Upper	
75	100		
77	42.8	22.3	66.8





#77

Bromobenzene

Concen: 19.057 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

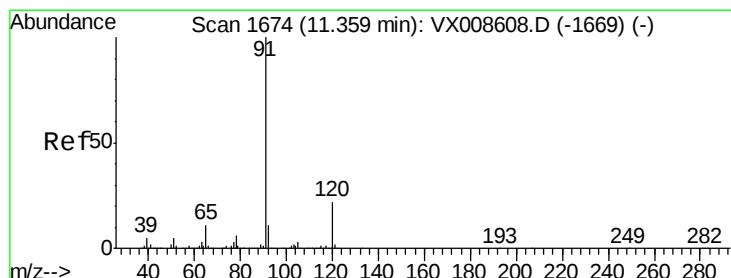
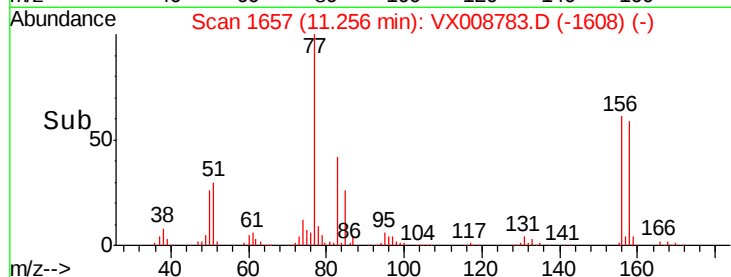
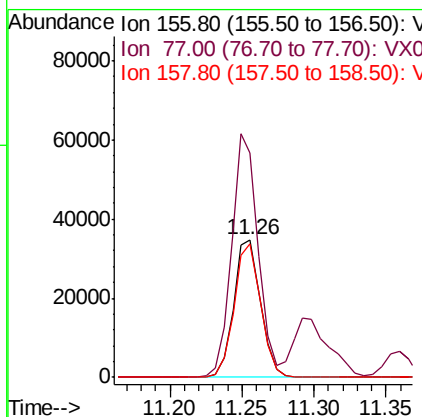
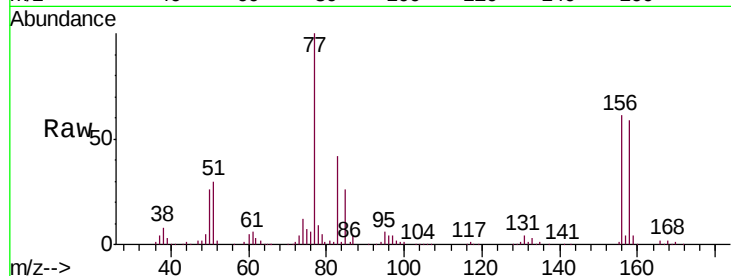
ClientSampleId :

VX0409WBSD02

Tgt Ion:	156	Resp:	45360
Ion	Ratio	Lower	Upper
156	100		
77	173.4	89.8	269.6
158	95.4	48.6	145.9

Manual Integrations
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MMDadoda
4/10/2019 10:05:23 AM



#78

n-propylbenzene

Concen: 18.175 ug/l

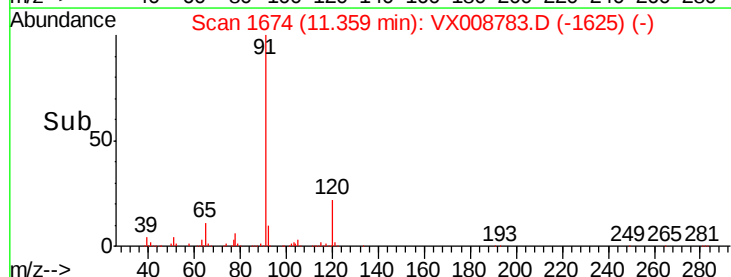
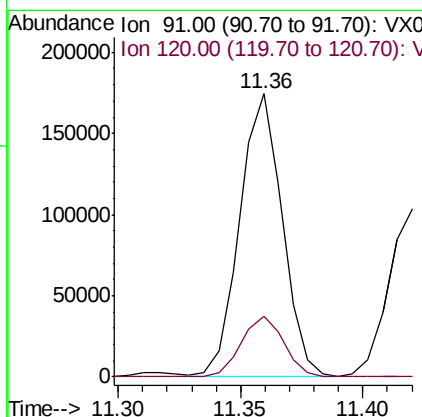
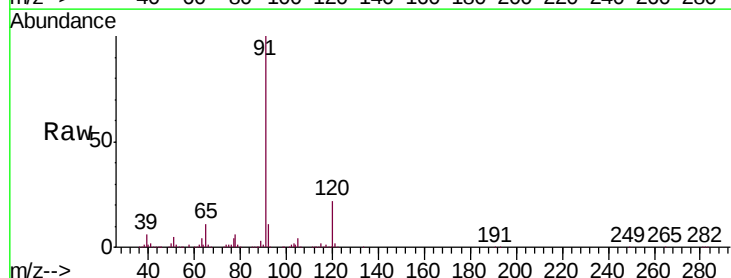
RT: 11.36 min Scan# 1674

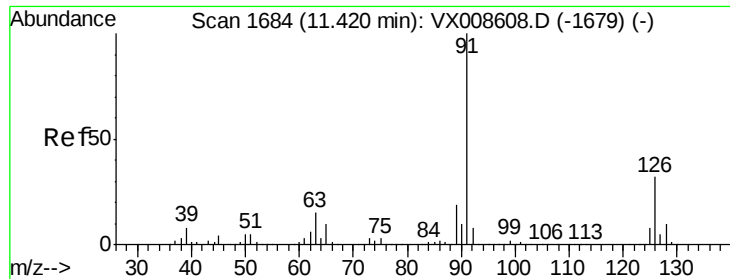
Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	91	Resp:	209532
Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.7





#79

2-Chlorotoluene

Concen: 18.121 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD02

Tgt Ion: 91 Resp: 126423

Ion Ratio Lower Upper

91 100

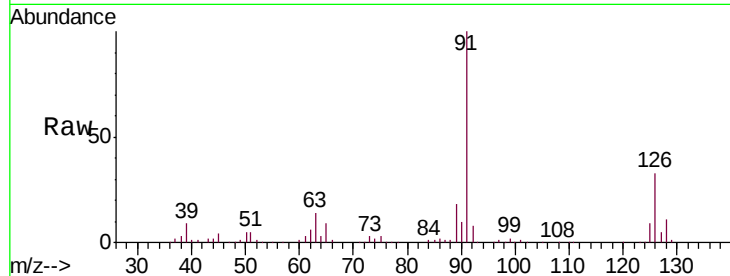
126 33.0 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

200000

150000

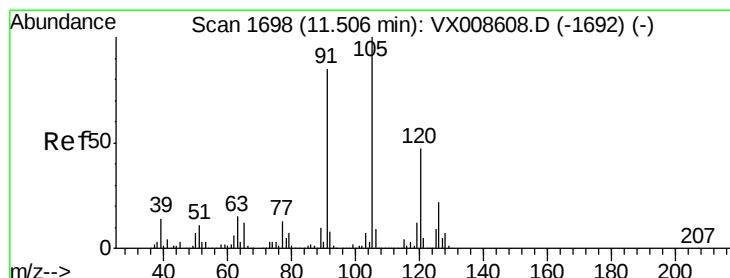
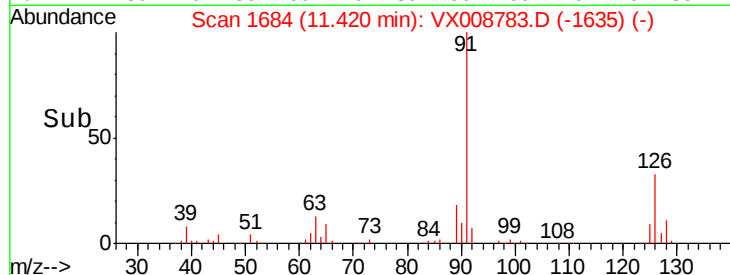
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.722 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008783.D

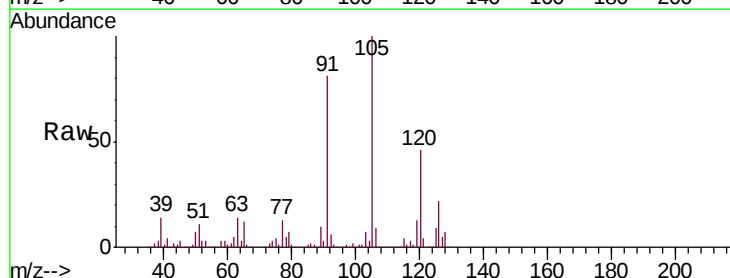
Acq: 09 Apr 2019 20:05

Tgt Ion: 105 Resp: 155596

Ion Ratio Lower Upper

105 100

120 46.5 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

150000

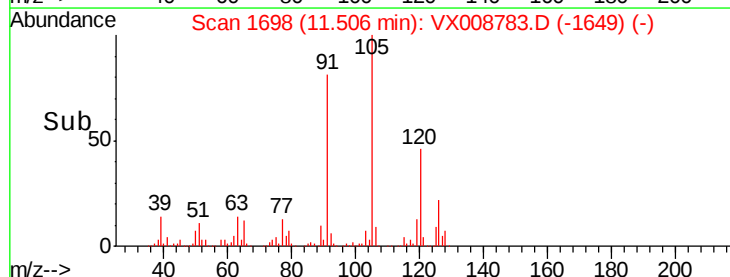
100000

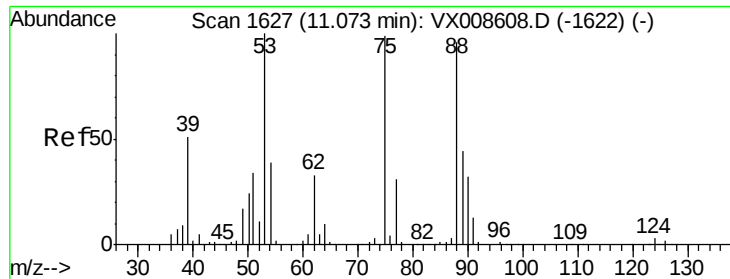
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.413 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampled :

VX0409WBSD02

Tgt Ion: 75 Resp: 20732

Ion Ratio Lower Upper

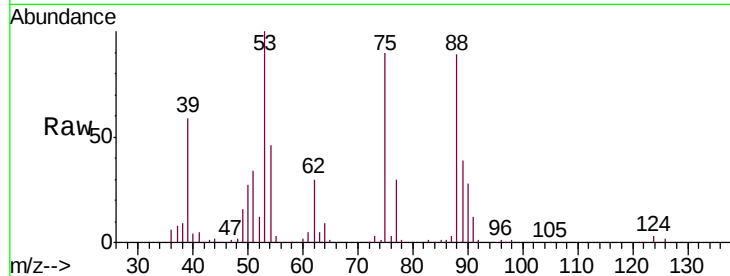
75 100

53 108.3 81.3 121.9

89 43.4 35.6 53.4

Manual Integrations
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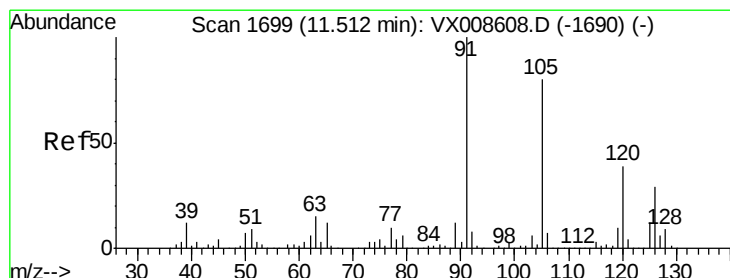
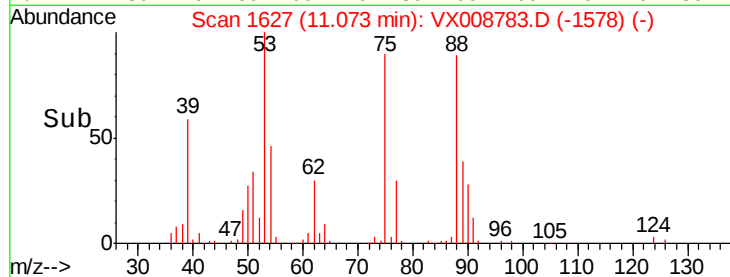
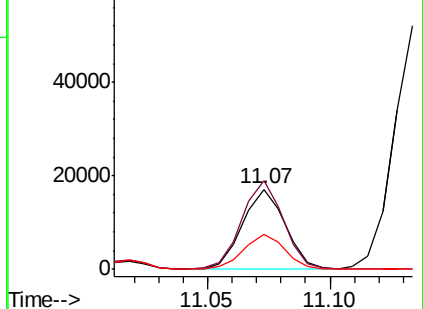
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.821 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008783.D

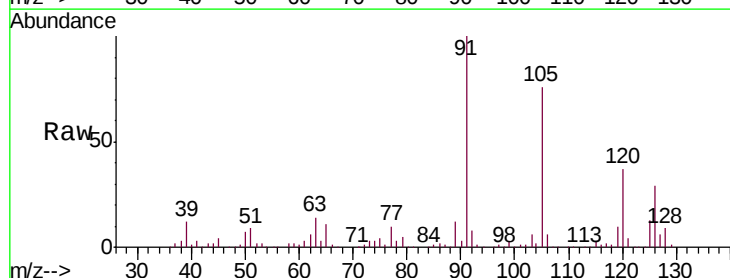
Acq: 09 Apr 2019 20:05

Tgt Ion: 91 Resp: 143915

Ion Ratio Lower Upper

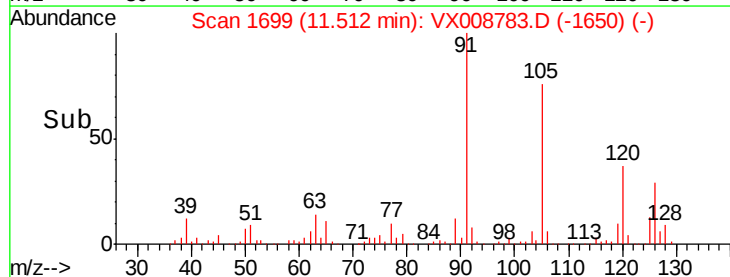
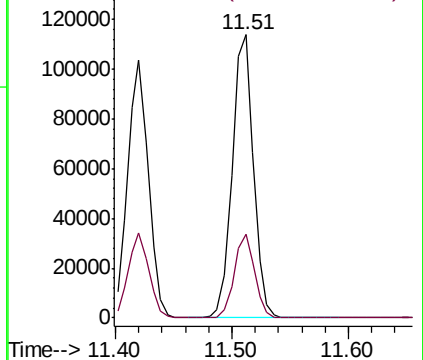
91 100

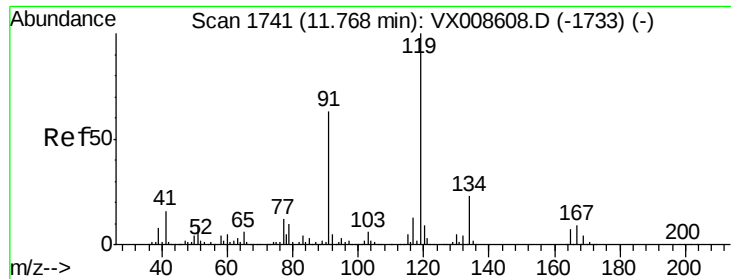
126 28.7 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





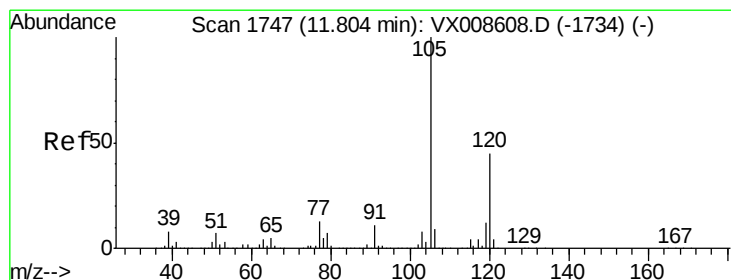
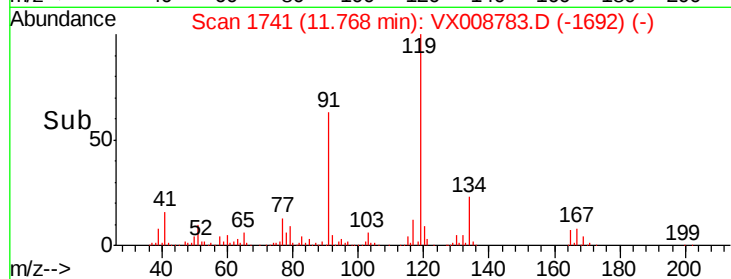
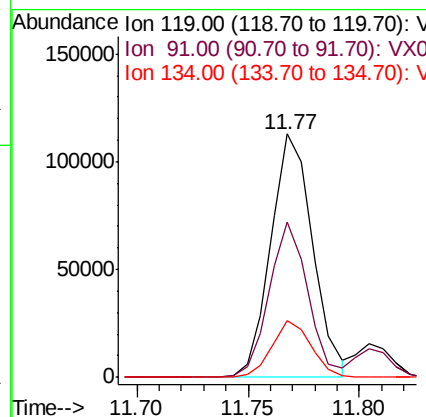
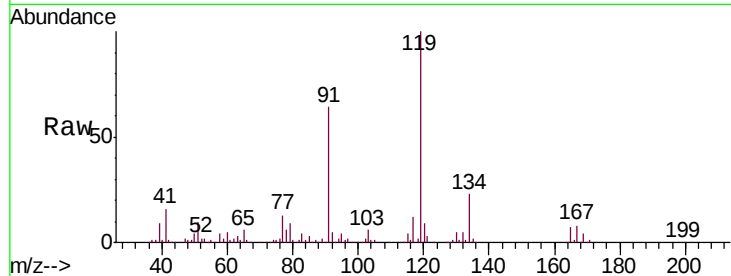
#83
 tert-Butylbenzene
 Concen: 18.429 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	147355		
91	59.2	30.0	90.1	
134	22.0	11.1	33.3	

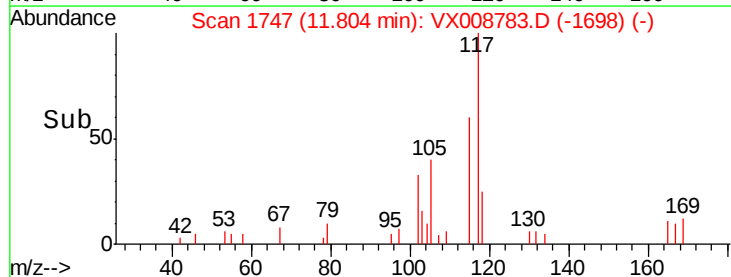
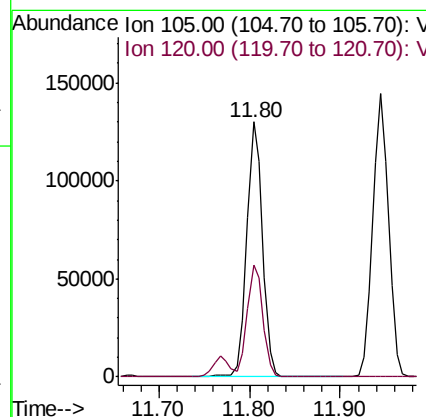
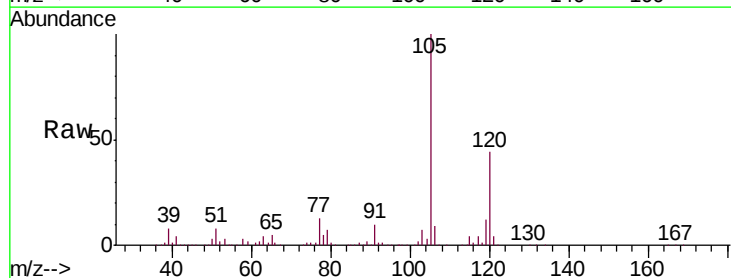
Manual Integrations
 APPROVED

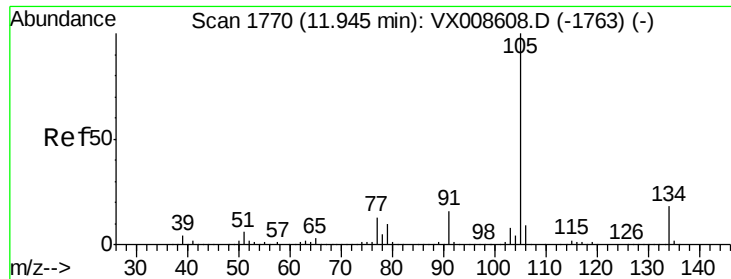
MMDadoda
 4/10/2019 10:05:23 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.515 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155811		
120	43.7	21.8	65.3	





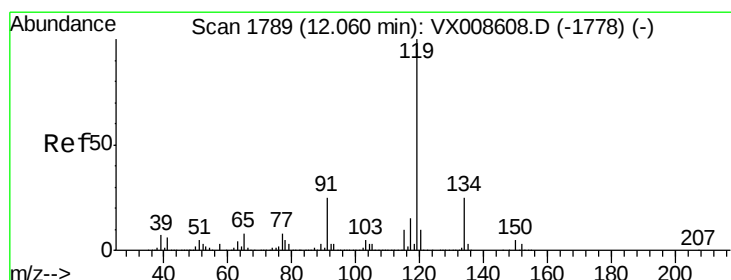
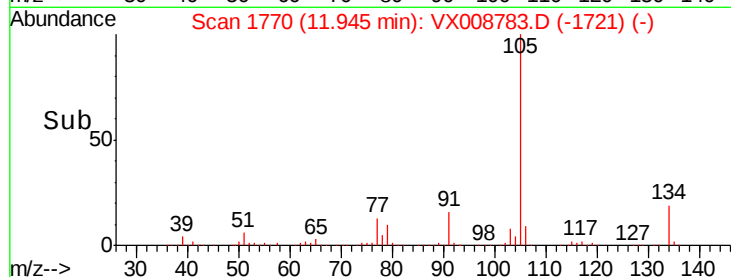
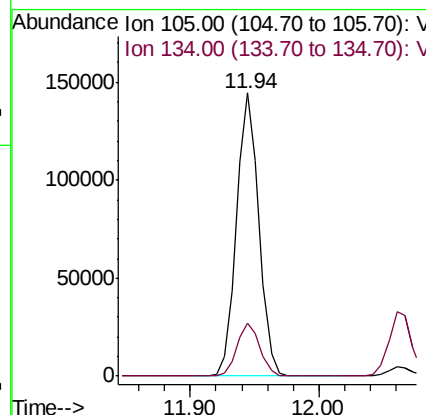
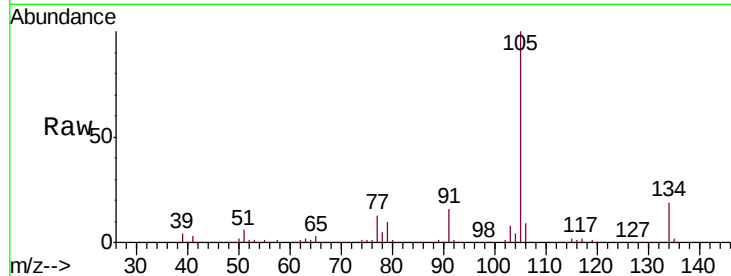
#85
 sec-Butylbenzene
 Concen: 18.437 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD02

Tgt Ion:105 Resp: 175107
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2

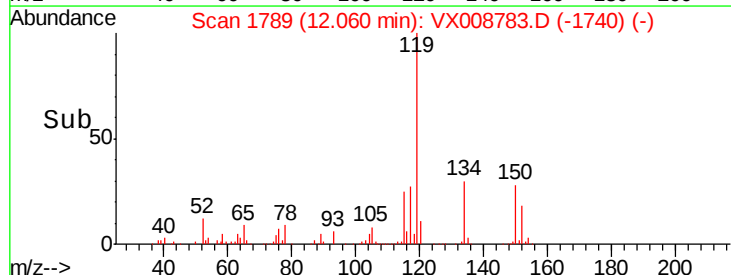
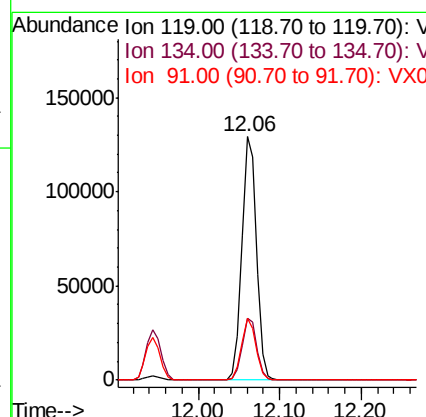
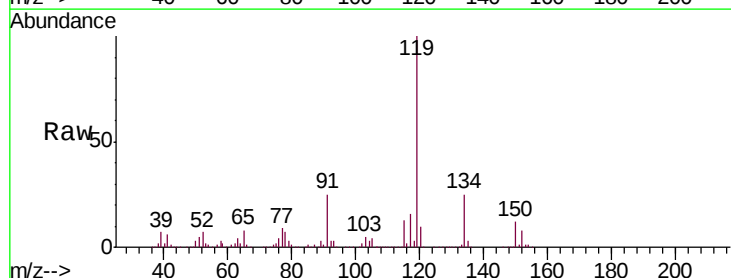
Manual Integrations
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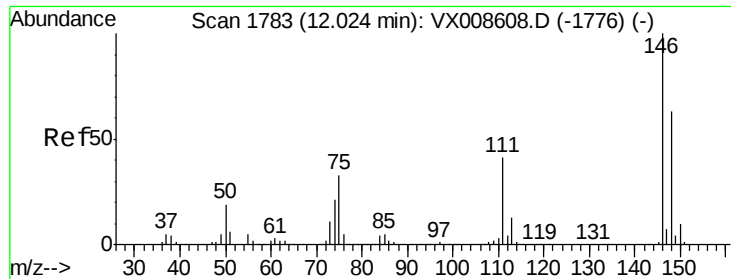
MMDadoda
 4/10/2019 10:05:23 AM



#86
 p-Isopropyltoluene
 Concen: 18.359 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion:119 Resp: 156501
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 25.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.286 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

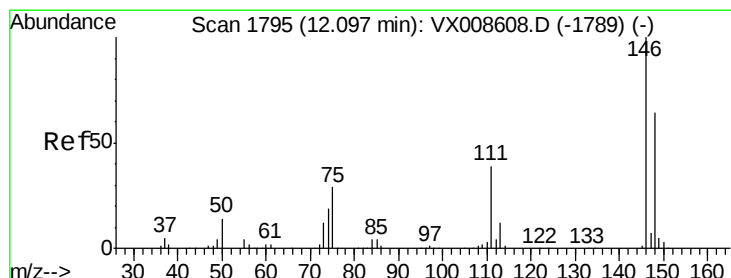
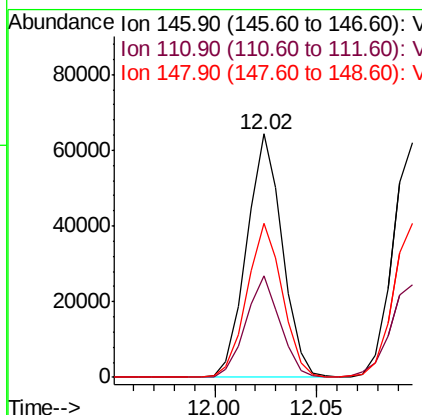
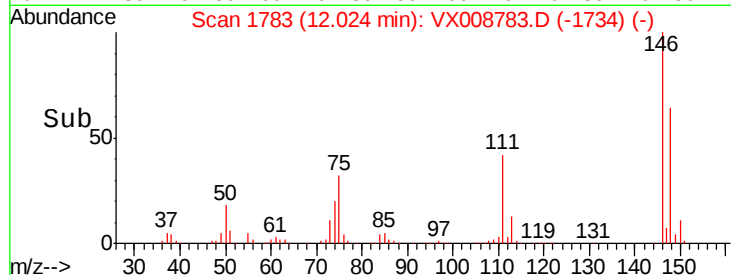
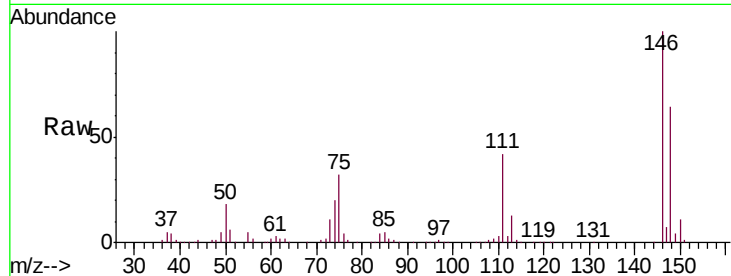
ClientSampleId :

VX0409WBSD02

Tgt Ion:	146	Resp:	77916
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.5	61.5
148	63.2	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.609 ug/l

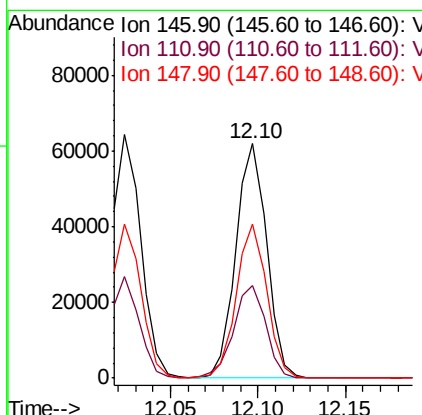
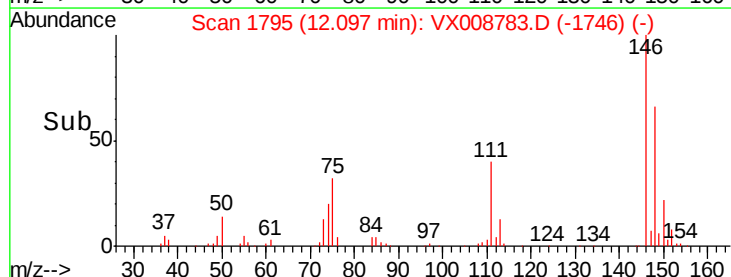
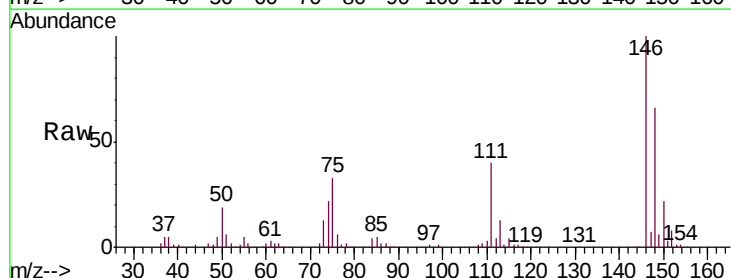
RT: 12.10 min Scan# 1795

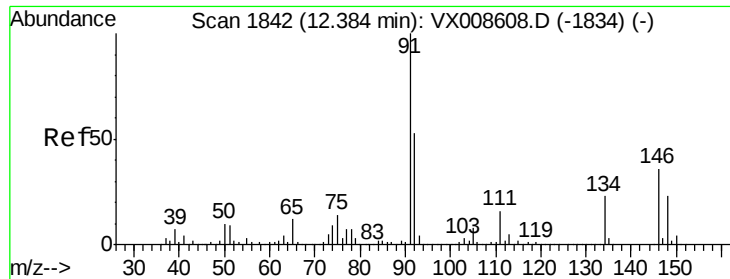
Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	146	Resp:	75978
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.2	60.6
148	65.3	32.0	96.0





#89

n-Butylbenzene

Concen: 17.917 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

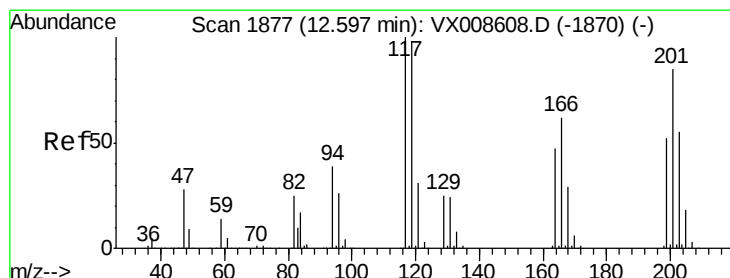
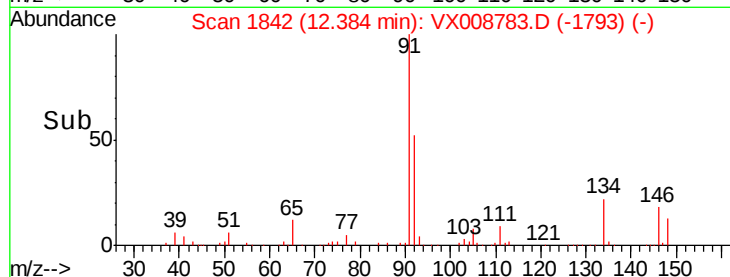
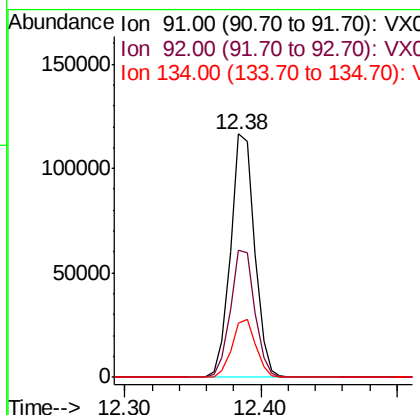
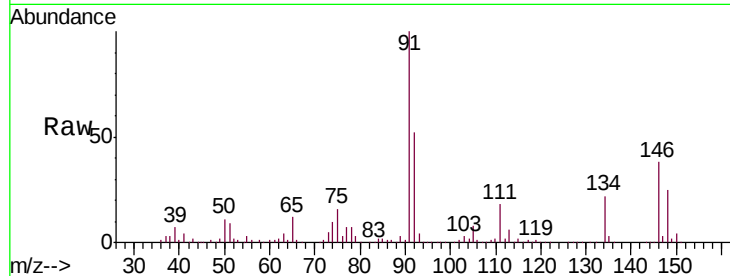
ClientSampleId :

VX0409WBSD02

Tgt Ion:	91	Resp:	143235
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.4	79.2
134	23.7	12.0	36.0

Manual Integrations
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#90

Hexachloroethane

Concen: 18.103 ug/l

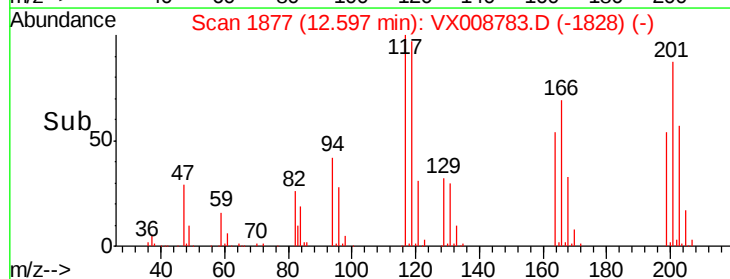
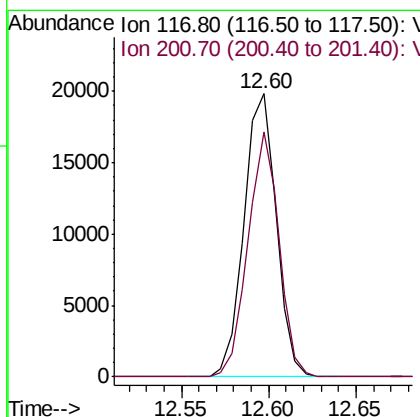
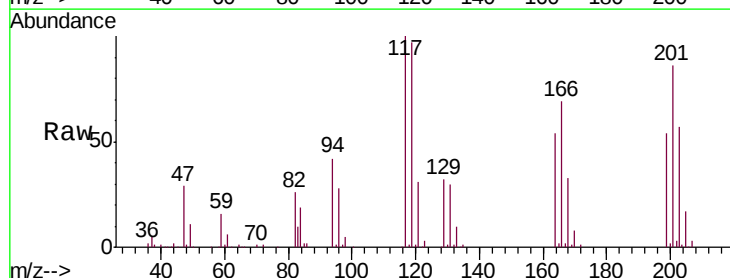
RT: 12.60 min Scan# 1877

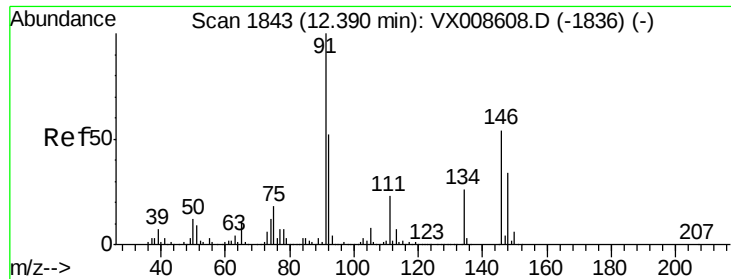
Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion:	117	Resp:	25596
Ion Ratio	Lower	Upper	
117	100		
201	83.0	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 18.330 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

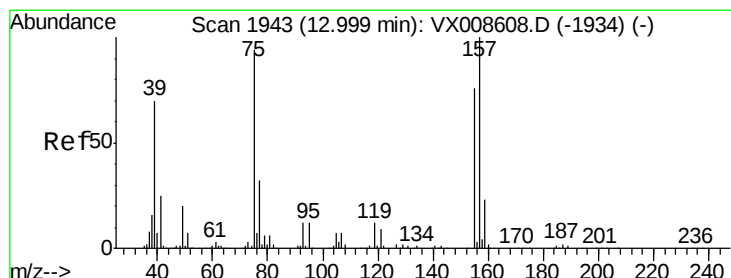
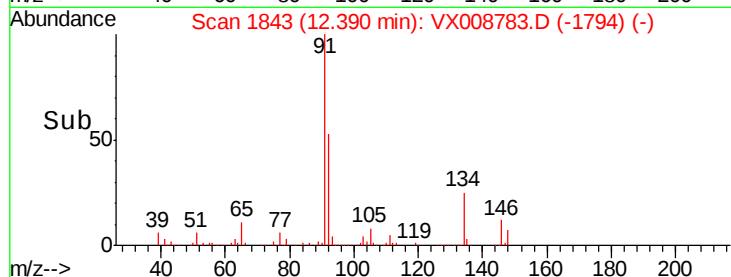
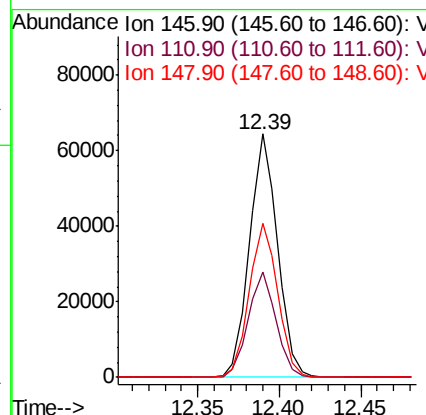
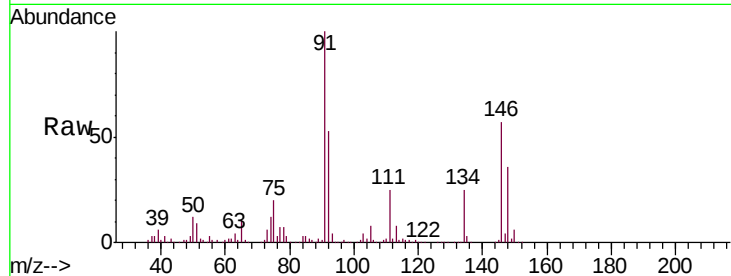
ClientSampleId :

VX0409WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.9
148	64.2	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.628 ug/l

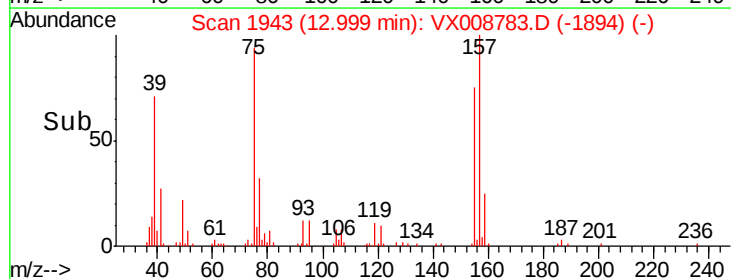
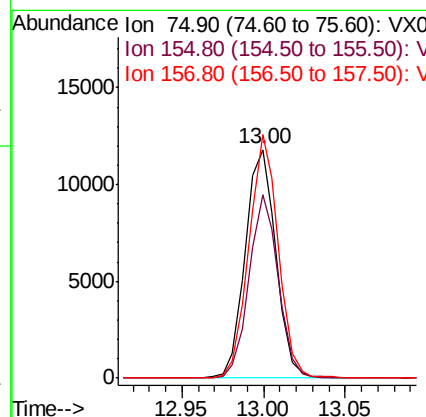
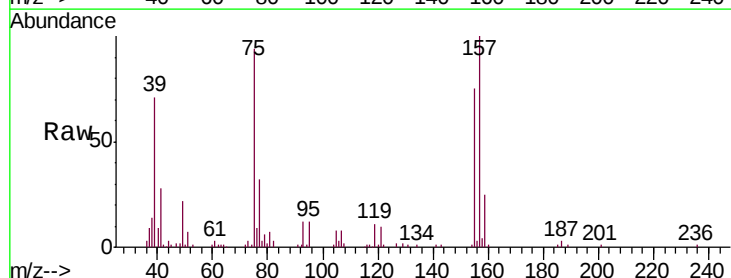
RT: 13.00 min Scan# 1943

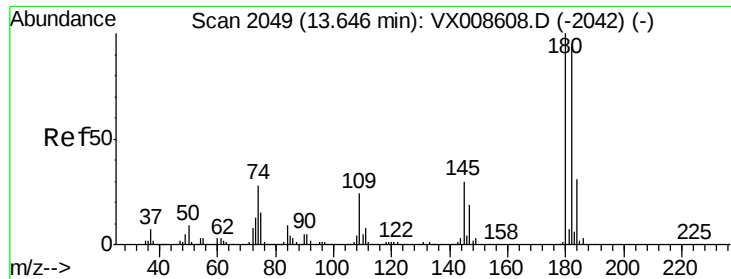
Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	39.9	119.6
157	101.8	51.5	154.7





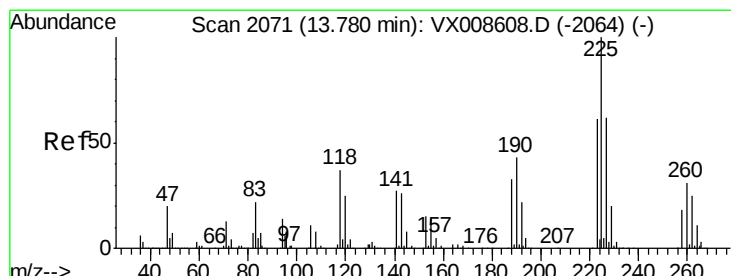
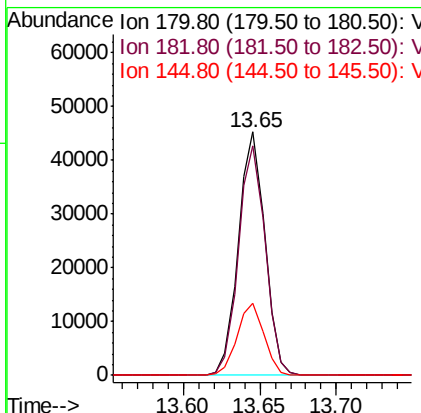
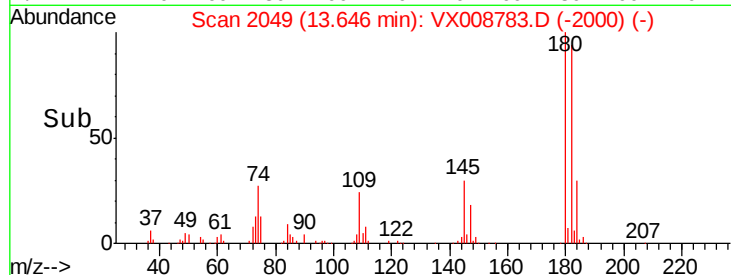
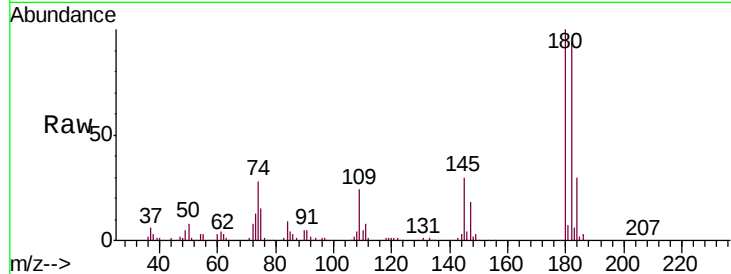
#93
 1,2,4-Trichlorobenzene
 Concen: 18.489 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD02

Tgt Ion:	180	Resp:	54388
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.2	141.6
145	29.8	15.3	45.9

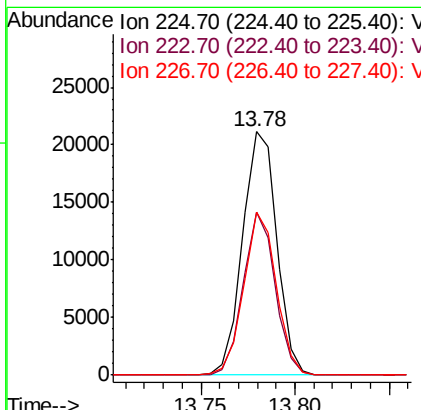
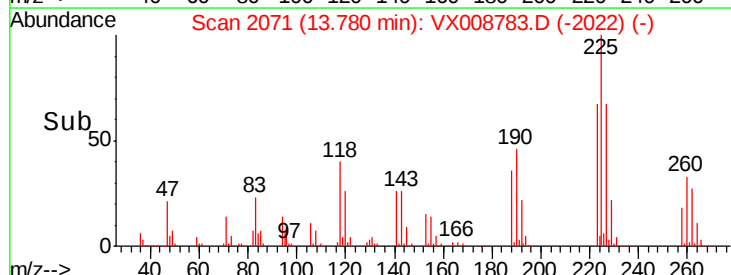
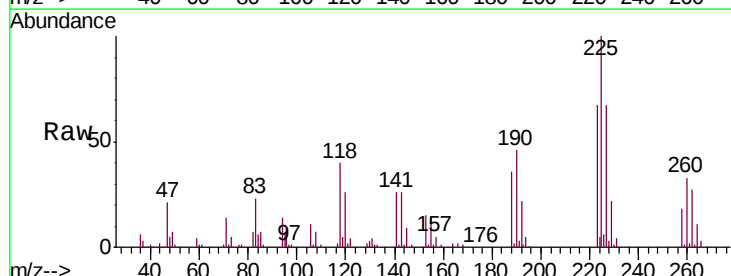
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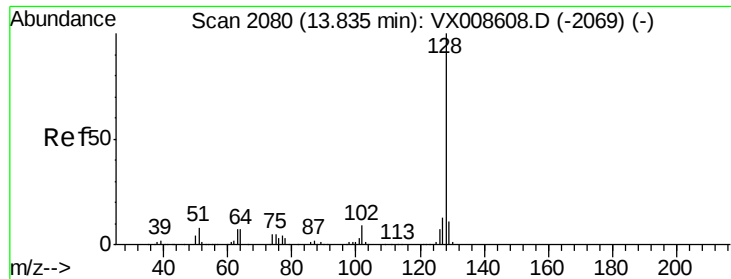
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 4/10/2019 10:05:23 AM



#94
 Hexachlorobutadiene
 Concen: 18.881 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion:	225	Resp:	26636
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.2	93.6
227	63.5	31.9	95.5





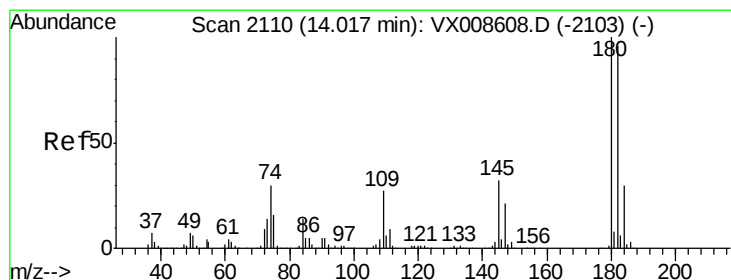
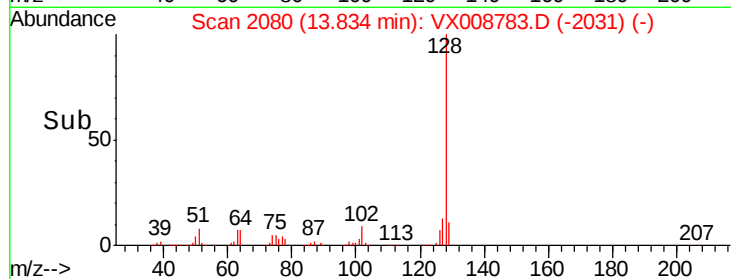
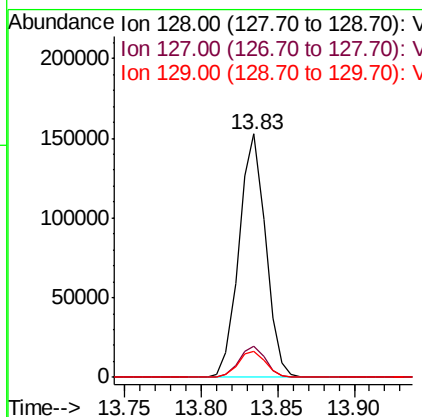
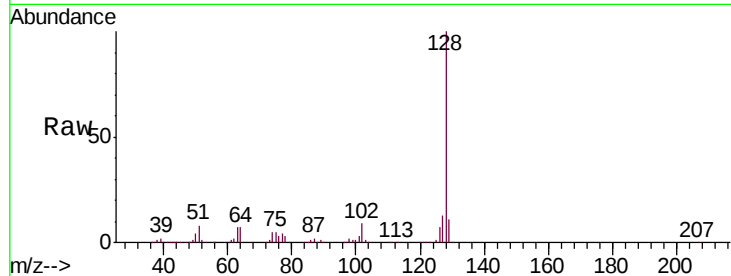
#95
Naphthalene
Concen: 18.797 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	184803		
127	12.8	10.4	15.6	
129	11.0	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.300 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	53785		
182	96.5	48.1	144.3	
145	31.8	16.3	48.8	

