

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008416.D
 Acq On : 25 Mar 2019 16:26
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:46:51 AM

Quant Time: Mar 26 04:28:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	2848	1.331 ug/l	95
3) Chloromethane	1.32	50	4457	1.412 ug/l	90
4) Vinyl Chloride	1.41	62	3773	1.219 ug/l	89
5) Bromomethane	1.64	94	3006	1.584 ug/l	97
6) Chloroethane	1.72	64	1942m	1.058 ug/l	
7) Trichlorofluoromethane	1.93	101	4273	1.217 ug/l	97
8) Diethyl Ether	2.19	74	2013	1.195 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2582	1.238 ug/l	97
12) 1,1-Dichloroethene	2.37	96	2681	1.241 ug/l	92
14) Allyl chloride	2.73	41	5796	1.217 ug/l	99
15) Acrylonitrile	3.14	53	9885	6.021 ug/l	98
16) Acetone	2.44	43	8651	5.976 ug/l	93
17) Carbon Disulfide	2.57	76	11615	1.686 ug/l	99
18) Methyl Acetate	2.78	43	4481	1.245 ug/l	94
19) Methyl tert-butyl Ether	3.19	73	8804	1.133 ug/l	100
20) Methylene Chloride	2.85	84	3585	1.375 ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	3280	1.407 ug/l #	83
22) Diisopropyl ether	3.85	45	10846	1.167 ug/l #	86
23) Vinyl Acetate	3.82	43	43724	5.336 ug/l	97
24) 1,1-Dichloroethane	3.70	63	5632	1.190 ug/l	95
25) 2-Butanone	4.68	43	13440	5.666 ug/l	99
26) 2,2-Dichloropropane	4.57	77	3360	1.095 ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	3206	1.200 ug/l	89
28) Bromochloromethane	5.01	49	2915	1.252 ug/l #	95
29) Tetrahydrofuran	5.13	42	9475	6.045 ug/l	100
30) Chloroform	5.20	83	5031	1.178 ug/l	98
31) Cyclohexane	5.57	56	5457	1.205 ug/l #	87
32) 1,1,1-Trichloroethane	5.50	97	3819	1.128 ug/l #	47
36) 1,1-Dichloropropene	5.79	75	4429	1.324 ug/l	93
37) Ethyl Acetate	4.84	43	4834	1.072 ug/l #	88
38) Carbon Tetrachloride	5.78	117	3135	1.090 ug/l #	80
39) Methylcyclohexane	7.46	83	4656	1.134 ug/l	92
40) Benzene	6.14	78	11765	1.153 ug/l	92
41) Methacrylonitrile	5.05	41	2668	1.083 ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.20	62	4650	1.256	ug/l	100
43) Isopropyl Acetate	6.45	43	7791	1.107	ug/l	97
44) Trichloroethene	7.21	130	3055	1.288	ug/l	85
45) 1,2-Dichloropropane	7.51	63	3389	1.173	ug/l	99
46) Dibromomethane	7.66	93	2096	1.225	ug/l	93
47) Bromodichloromethane	7.90	83	3419	1.046	ug/l	96
48) Methyl methacrylate	7.77	41	3573	1.002	ug/l	91
49) 1,4-Dioxane	7.74	88	1626	22.595	ug/l #	76
51) 4-Methyl-2-Pentanone	8.64	43	23809	5.133	ug/l	98
52) Toluene	8.78	92	7051	1.176	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	3365	0.956	ug/l	90
54) cis-1,3-Dichloropropene	8.44	75	4202	1.056	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	2750	1.104	ug/l	96
56) Ethyl methacrylate	9.18	69	4426	1.002	ug/l	88
57) 1,3-Dichloropropane	9.37	76	5130	1.158	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	11156	4.729	ug/l	97
59) 2-Hexanone	9.49	43	17967	5.020	ug/l	99
60) Dibromochloromethane	9.58	129	2348	1.015	ug/l	100
61) 1,2-Dibromoethane	9.67	107	2727	1.080	ug/l	93
64) Tetrachloroethene	9.34	164	2335	1.250	ug/l #	84
65) Chlorobenzene	10.13	112	7033	1.172	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	2139	1.027	ug/l #	58
67) Ethyl Benzene	10.25	91	13060	1.160	ug/l	100
68) m/p-Xylenes	10.36	106	9426	2.330	ug/l	98
69) o-Xylene	10.70	106	4401	1.112	ug/l	99
70) Styrene	10.71	104	7383	1.076	ug/l	99
71) Bromoform	10.86	173	1572	0.974	ug/l #	97
73) Isopropylbenzene	11.02	105	11434	1.154	ug/l	97
74) N-amyl acetate	10.90	43	5859	1.010	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	4619	1.173	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	4210m	1.281	ug/l	
77) Bromobenzene	11.26	156	2996	1.274	ug/l	98
78) n-propylbenzene	11.36	91	13125	1.131	ug/l	100
79) 2-Chlorotoluene	11.42	91	8522	1.202	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	9343	1.108	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	1053	0.916	ug/l #	70
82) 4-Chlorotoluene	11.51	91	9667	1.186	ug/l	98
83) tert-Butylbenzene	11.77	119	8851	1.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	9674	1.149	ug/l	100
85) sec-Butylbenzene	11.94	105	10796	1.121	ug/l	100
86) p-Isopropyltoluene	12.06	119	9081	1.070	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	5323	1.261	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	5533m	1.287	ug/l	
89) n-Butylbenzene	12.38	91	8549	1.056	ug/l	97
90) Hexachloroethane	12.59	117	1447	1.030	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	5229	1.220	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1018	1.216	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	3483	1.203	ug/l	99
94) Hexachlorobutadiene	13.78	225	1559	1.140	ug/l	97
95) Naphthalene	13.83	128	11697	1.159	ug/l	100

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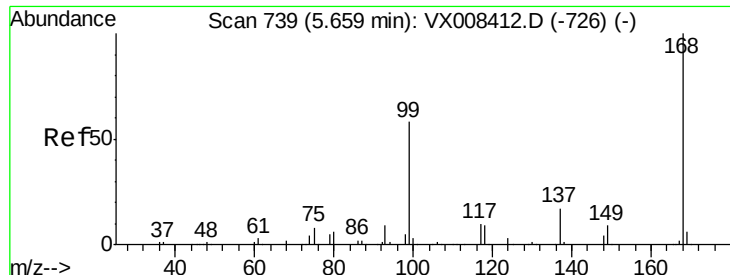
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	3464	1.191	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 190034

Ion Ratio Lower Upper

168 100

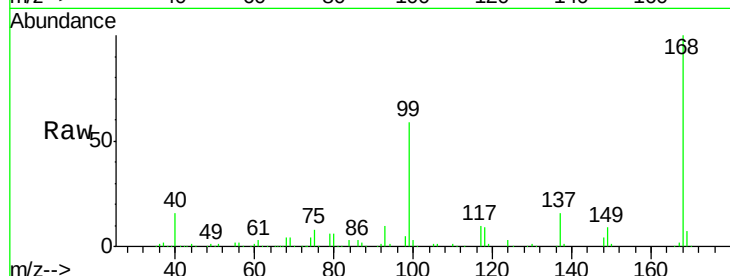
99 59.2 46.0 69.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

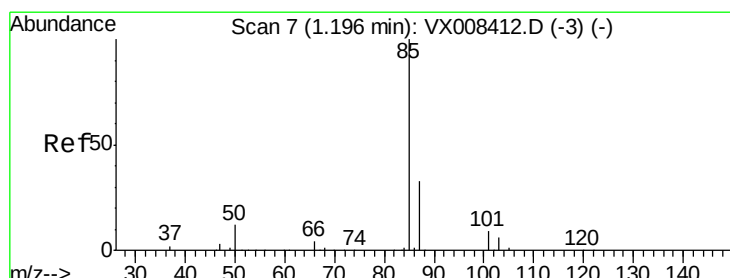
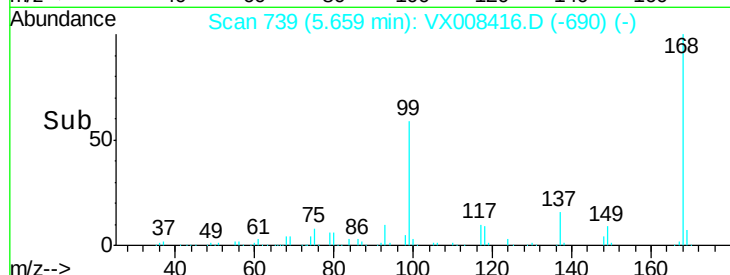
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.331 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008416.D

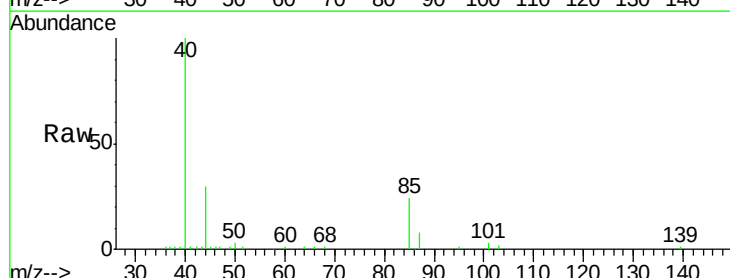
Acq: 25 Mar 2019 16:26

Tgt Ion: 85 Resp: 2848

Ion Ratio Lower Upper

85 100

87 35.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

3000

2500

2000

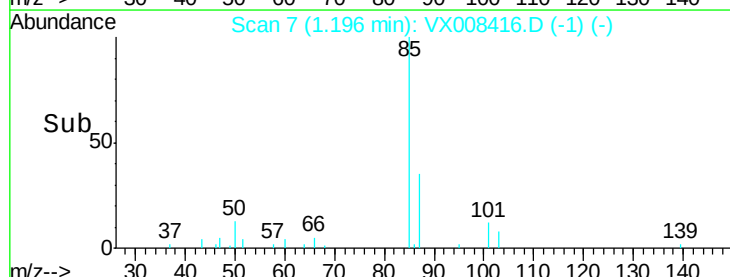
1500

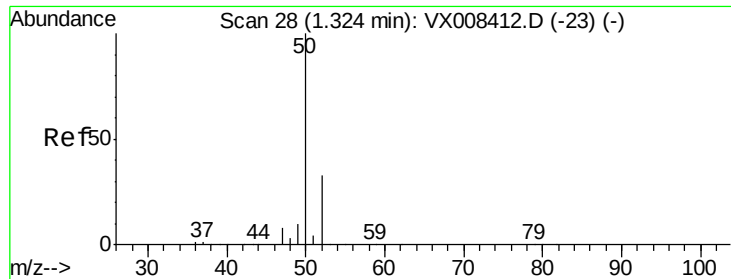
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.412 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4457

Ion Ratio Lower Upper

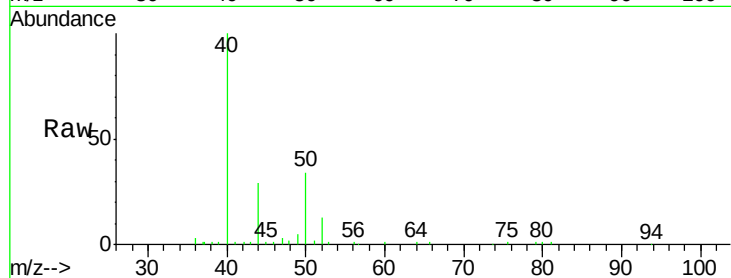
50 100

52 38.6 26.2 39.2

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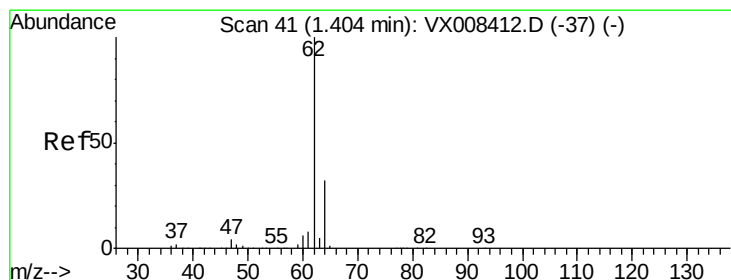
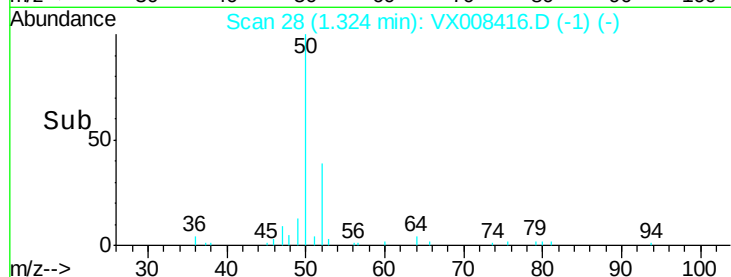
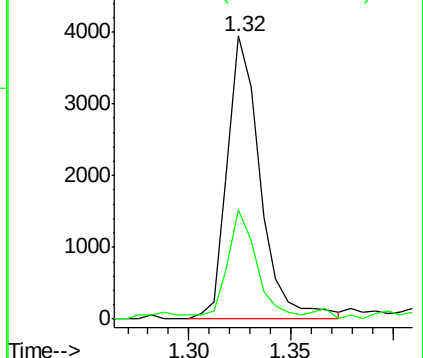
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3/26/2019 9:46:51 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.219 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008416.D

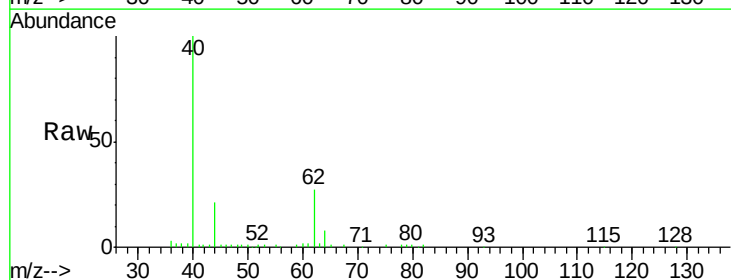
Acq: 25 Mar 2019 16:26

Tgt Ion: 62 Resp: 3773

Ion Ratio Lower Upper

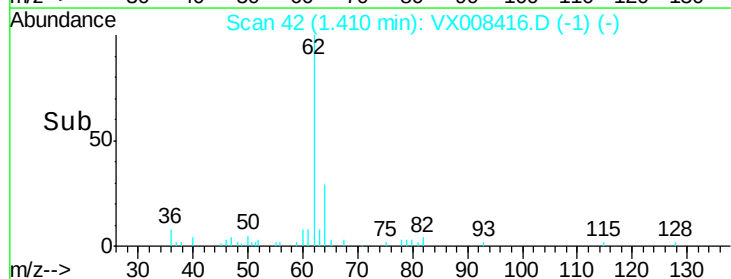
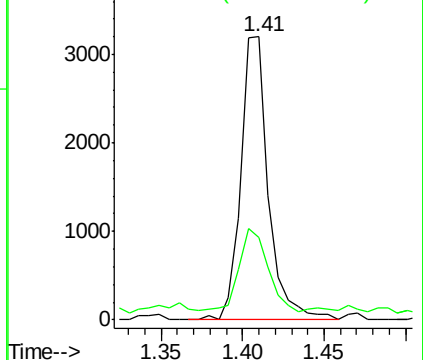
62 100

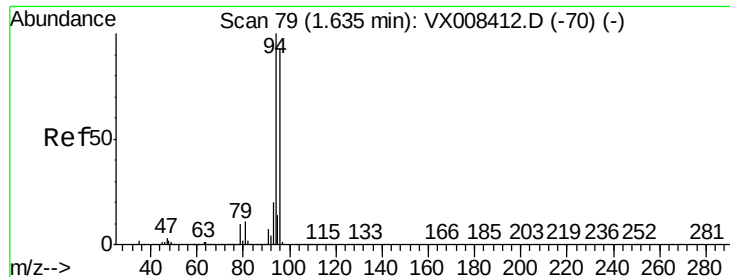
64 26.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.584 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 3006

Ion Ratio Lower Upper

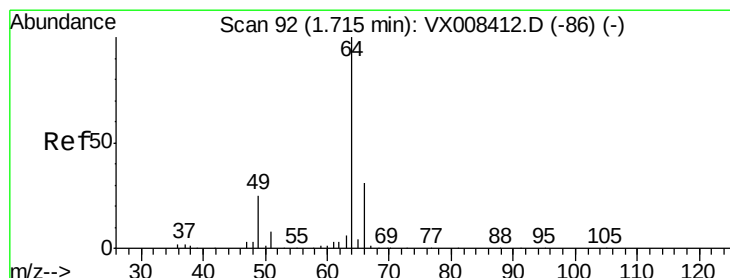
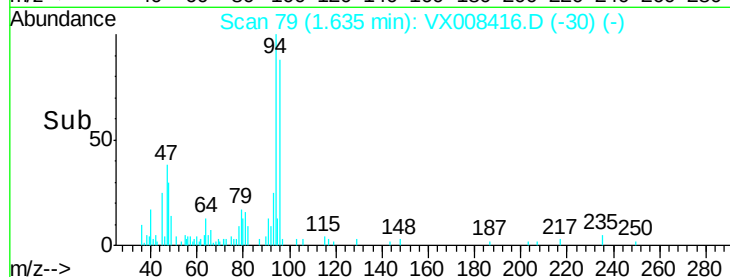
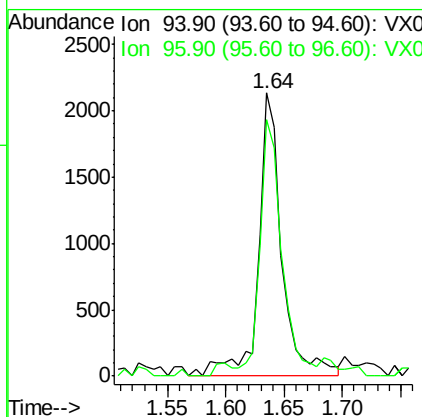
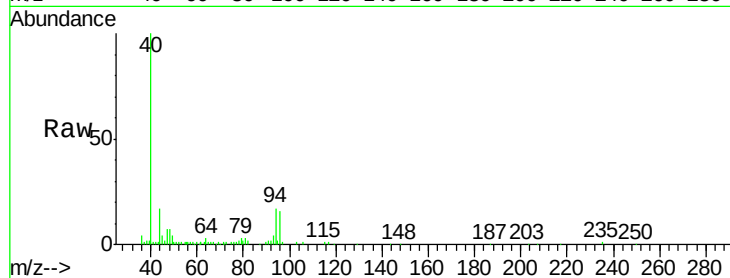
94 100

96 90.8 74.8 112.2

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3/26/2019 9:46:51 AM



#6

Chloroethane

Concen: 1.058 ug/l m

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008416.D

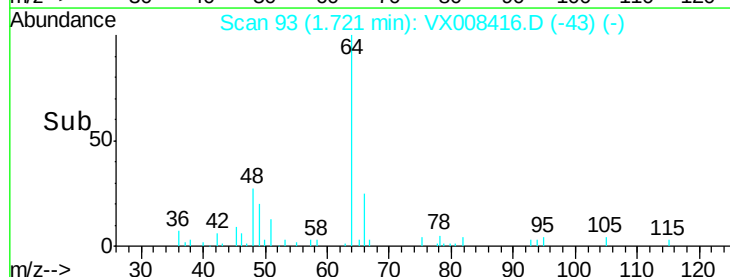
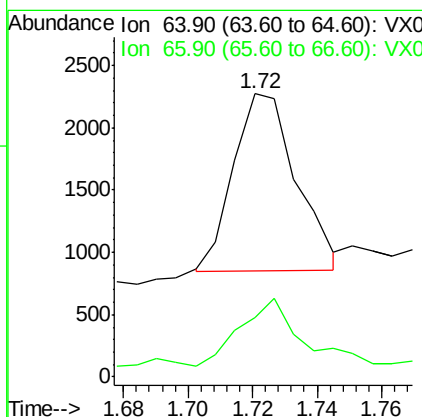
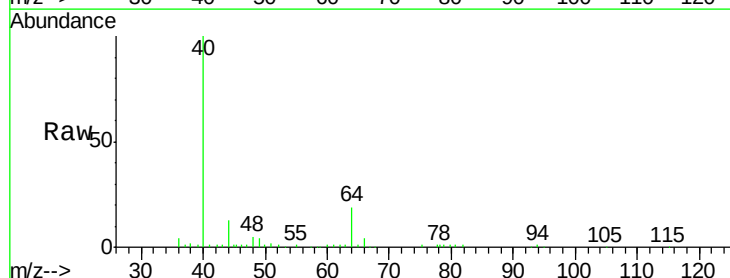
Acq: 25 Mar 2019 16:26

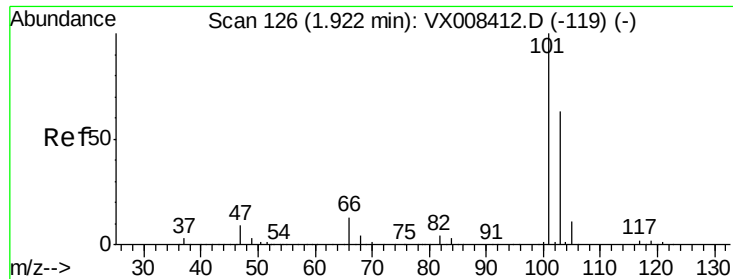
Tgt Ion: 64 Resp: 1942

Ion Ratio Lower Upper

64 100

66 21.0 25.1 37.7#





#7

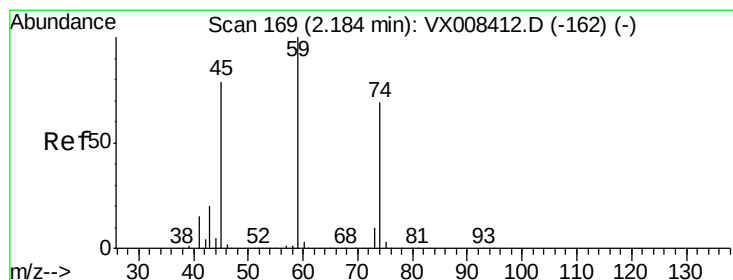
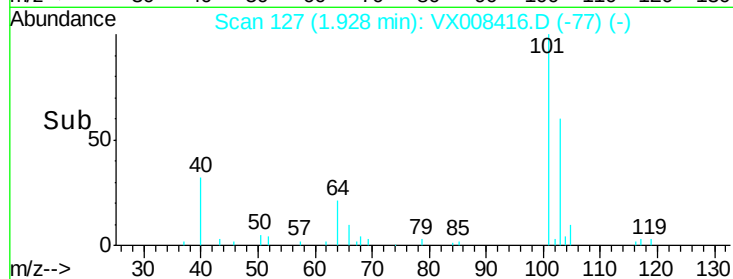
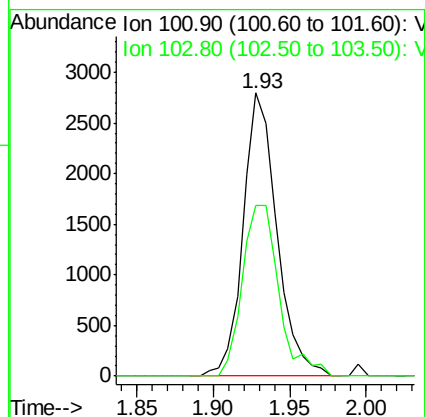
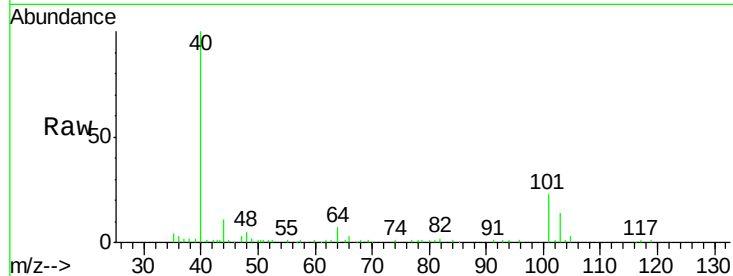
Trichlorofluoromethane
Concen: 1.217 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:101 Resp: 4273
Ion Ratio Lower Upper
101 100
103 60.2 50.2 75.4

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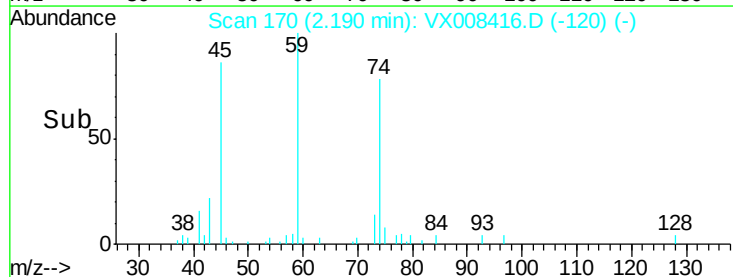
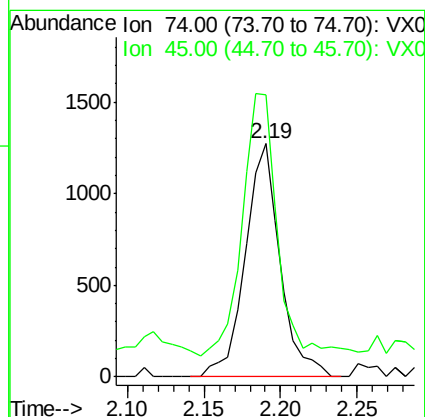
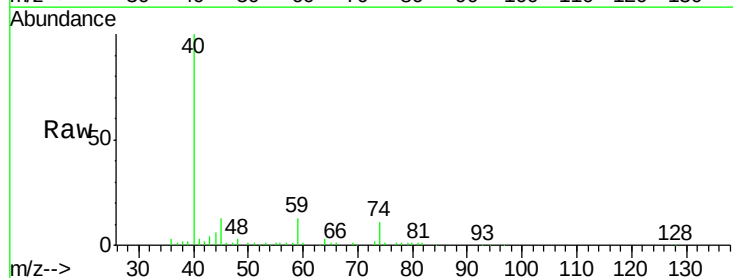
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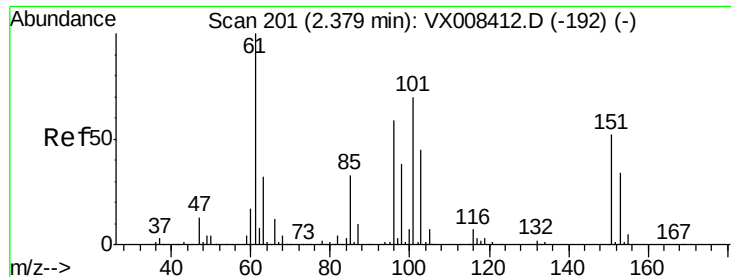


#8

Diethyl Ether
Concen: 1.195 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 74 Resp: 2013
Ion Ratio Lower Upper
74 100
45 112.1 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.238 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

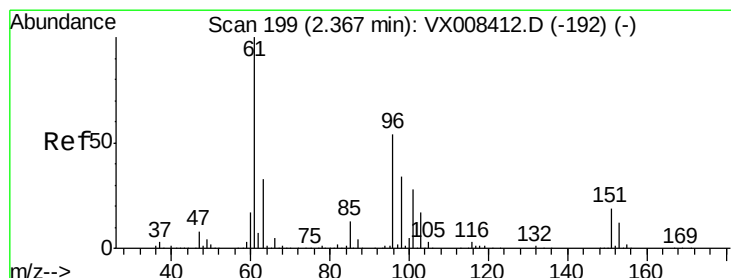
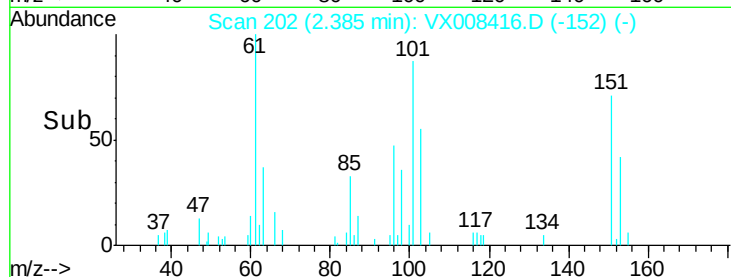
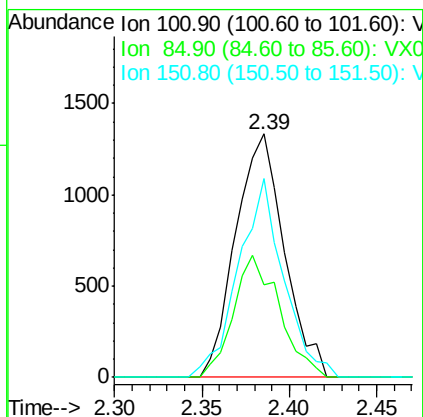
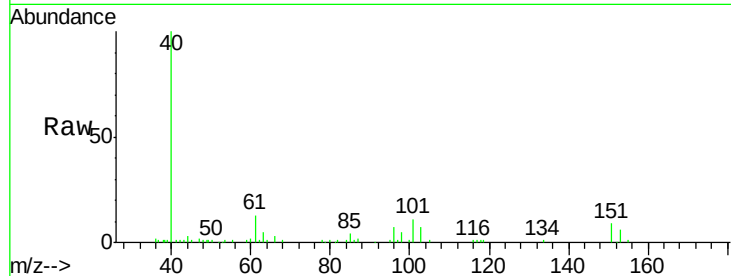
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	2582
Ion Ratio	Lower	Upper	
101	100		
85	47.5	36.0	54.0
151	75.9	59.2	88.8

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#12

1,1-Dichloroethene

Concen: 1.241 ug/l

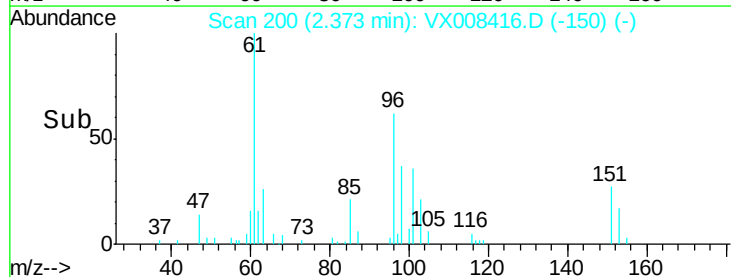
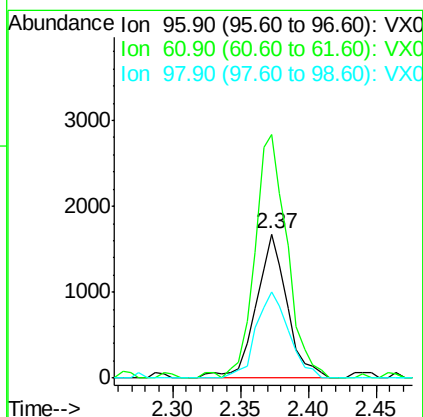
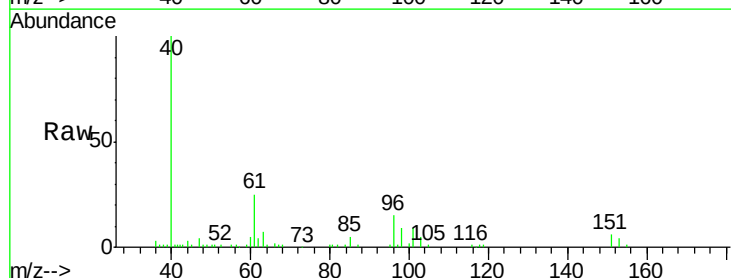
RT: 2.37 min Scan# 200

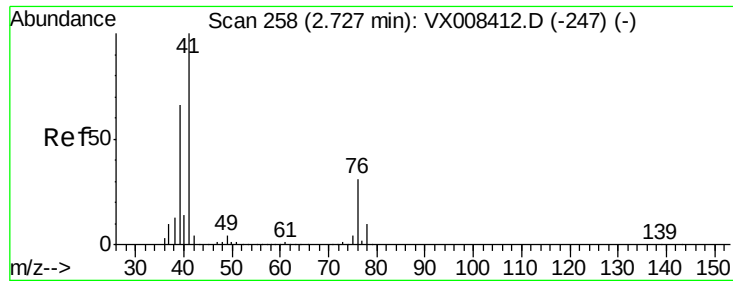
Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	96	Resp:	2681
Ion Ratio	Lower	Upper	
96	100		
61	169.2	146.9	220.3
98	59.8	50.1	75.1





#14

Allvl chloride

Concen: 1.217 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

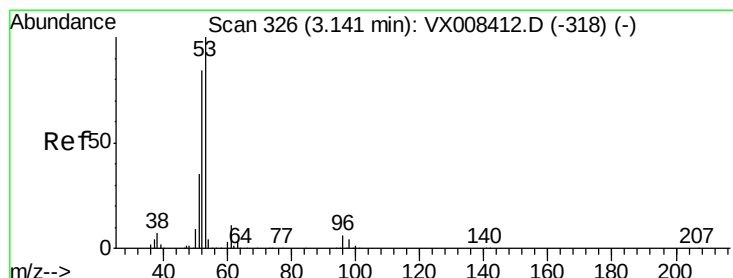
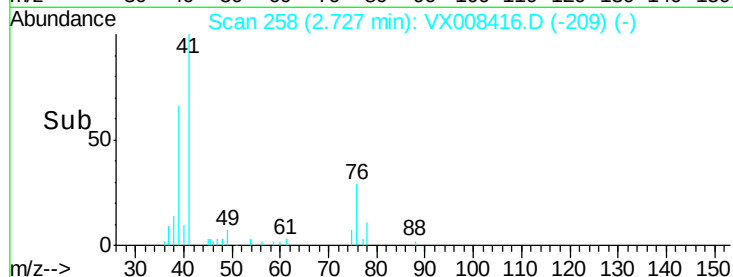
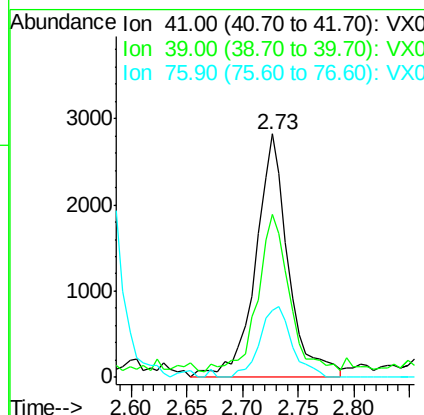
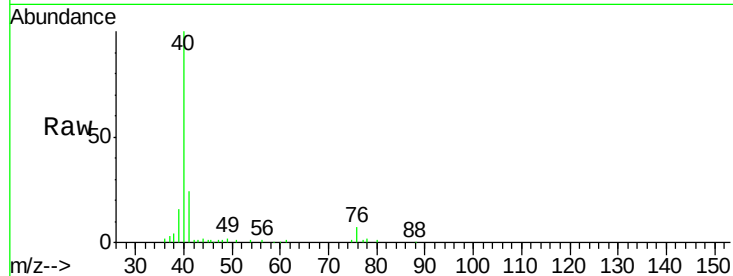
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	5796
Ion	Ratio	Lower	Upper
41	100		
39	62.8	49.6	74.4
76	28.4	22.6	34.0

Manual Integrations
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#15

Acrylonitrile

Concen: 6.021 ug/l

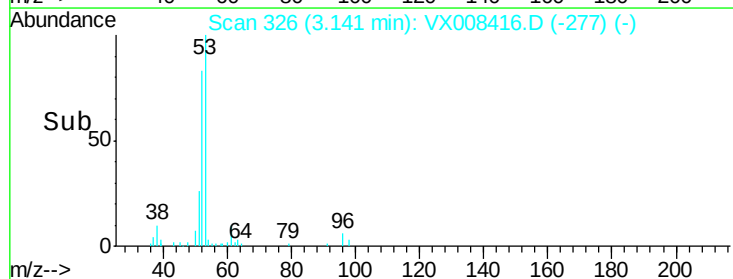
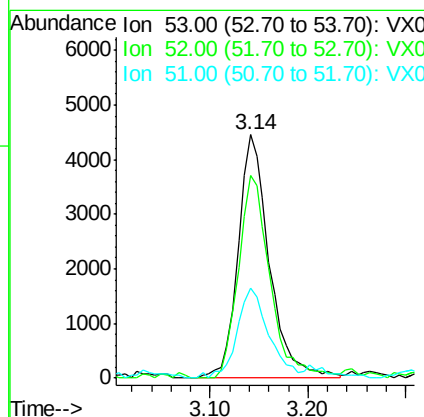
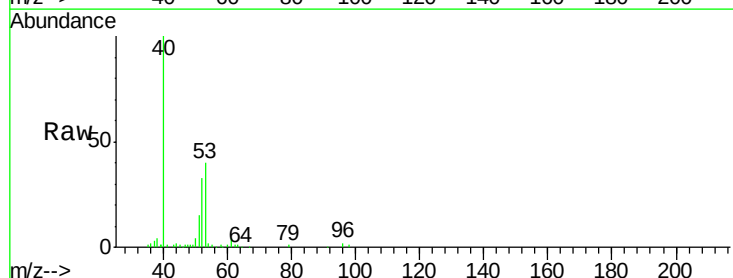
RT: 3.14 min Scan# 326

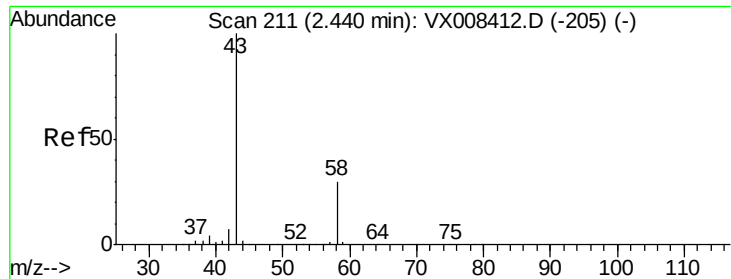
Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	53	Resp:	9885
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.5	99.7
51	37.2	28.3	42.5





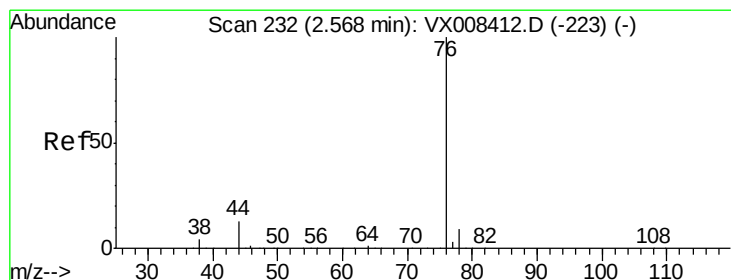
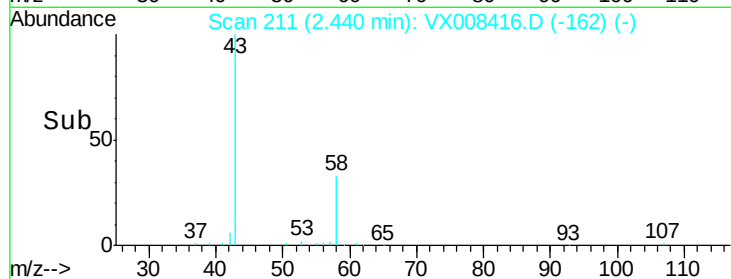
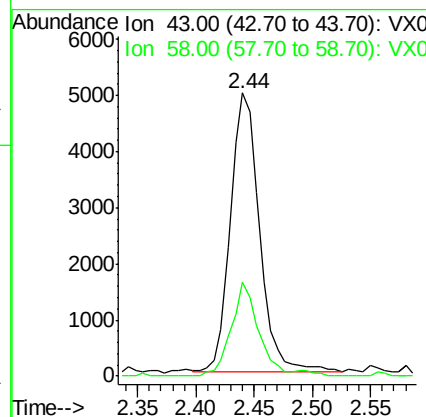
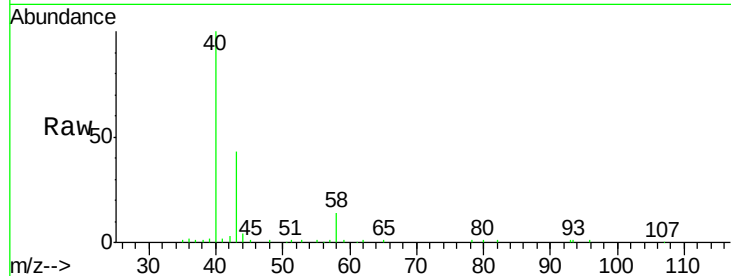
#16
Acetone
Concen: 5.976 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.7	24.2	36.2

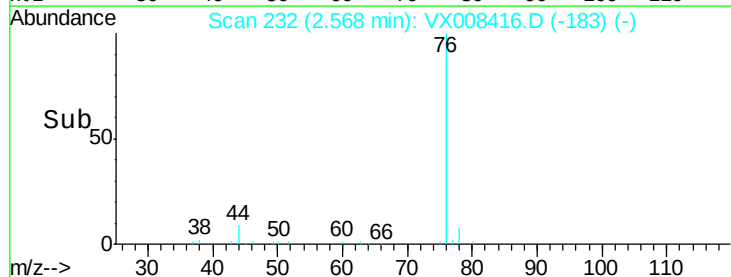
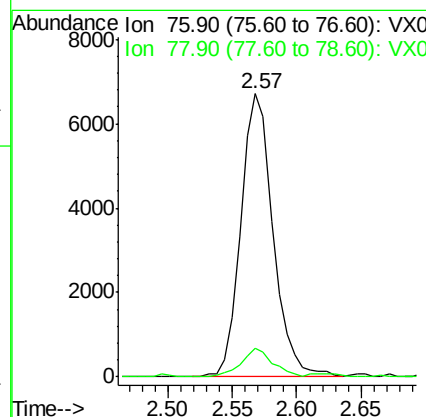
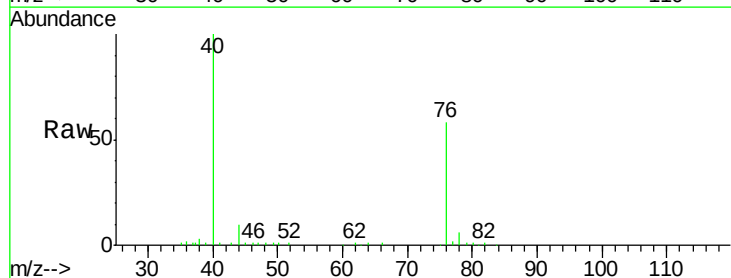
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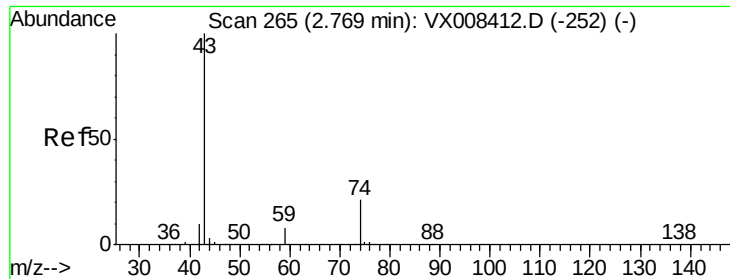
MMDadoda
3/26/2019 9:46:51 AM



#17
Carbon Disulfide
Concen: 1.686 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2





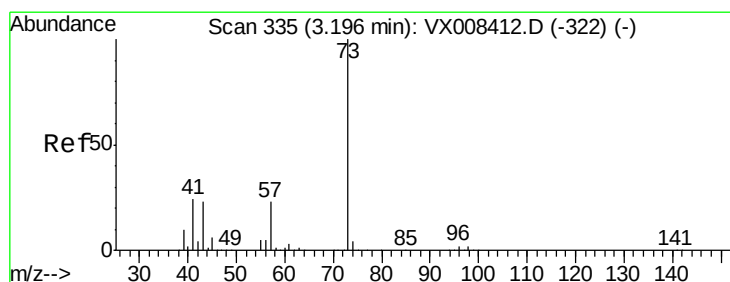
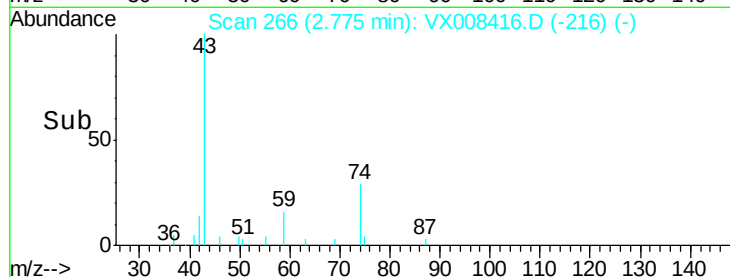
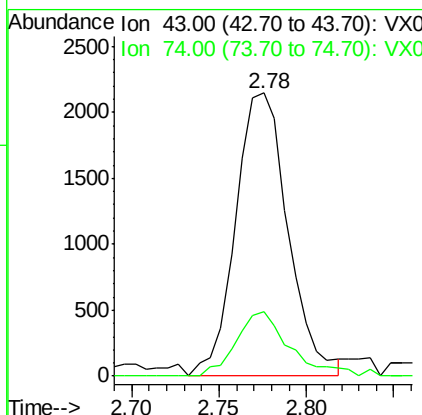
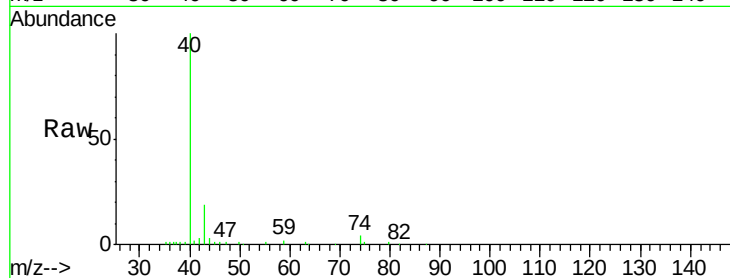
#18
Methyl Acetate
Concen: 1.245 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 4481
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1

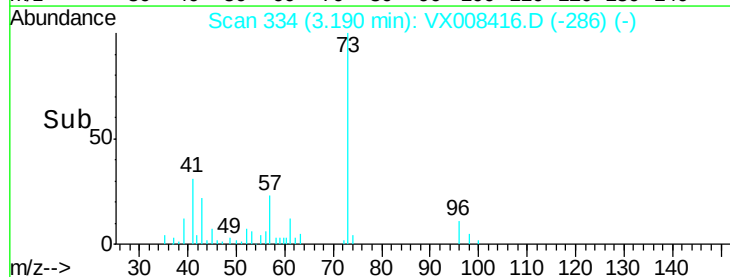
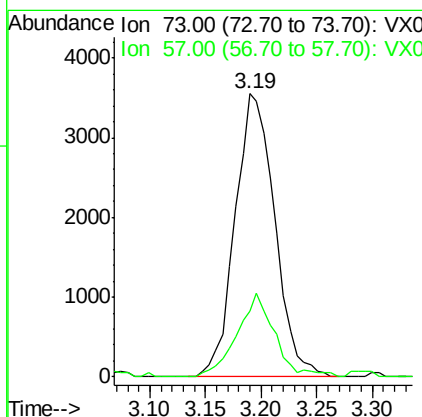
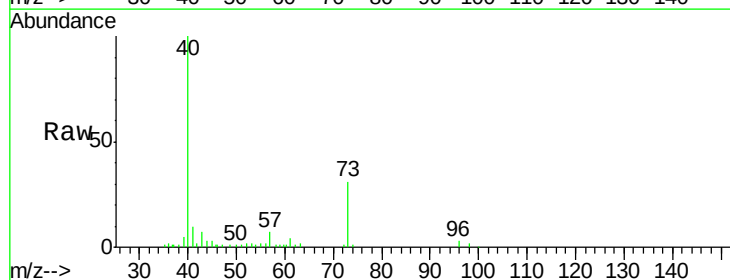
Manual Integrations
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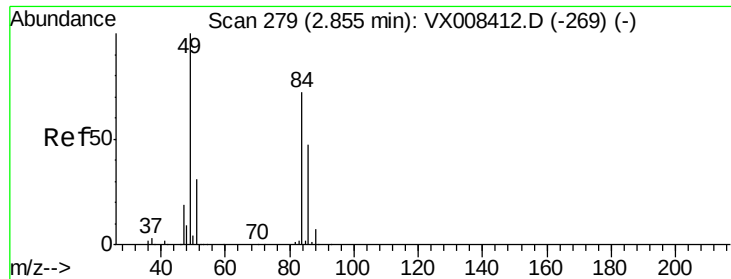
MMDadoda
3/26/2019 9:46:51 AM



#19
Methyl tert-butyl Ether
Concen: 1.133 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 73 Resp: 8804
Ion Ratio Lower Upper
73 100
57 23.2 18.6 28.0





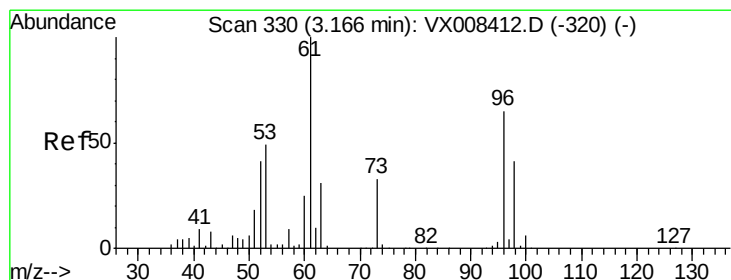
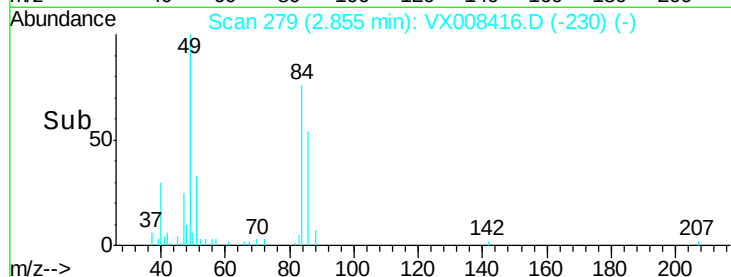
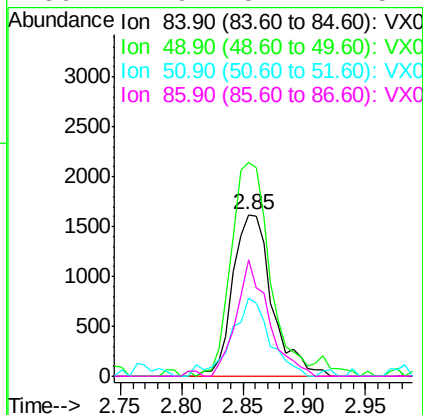
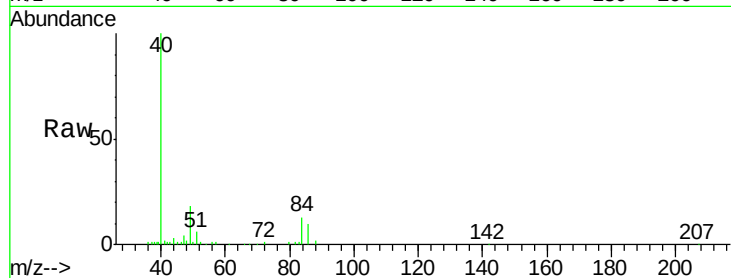
#20
Methylene Chloride
Concen: 1.375 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	3585
Ion	Ratio	Lower	Upper
84	100		
49	128.6	110.6	165.8
51	48.4	33.9	50.9
86	71.9	52.2	78.2

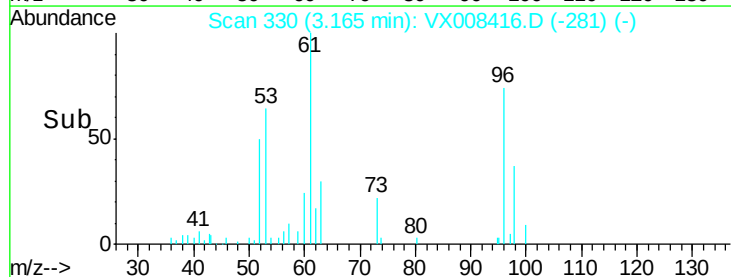
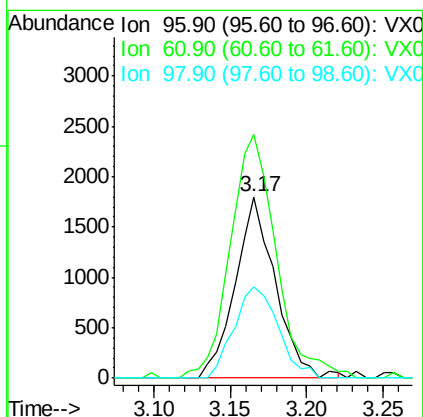
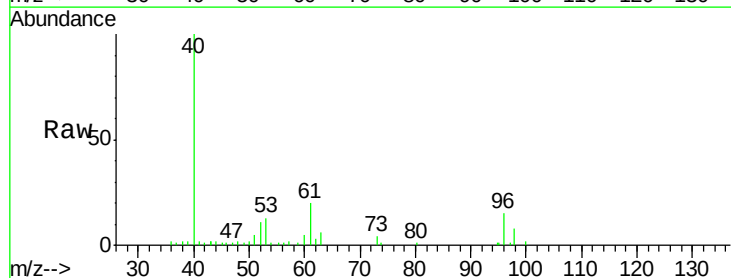
Manual Integrations
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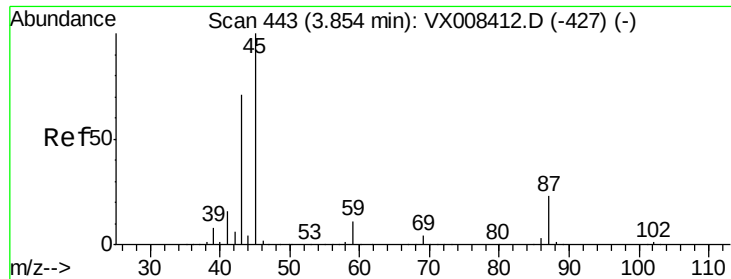
MMDadoda
3/26/2019 9:46:51 AM



#21
trans-1,2-Dichloroethene
Concen: 1.407 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion:	96	Resp:	3280
Ion	Ratio	Lower	Upper
96	100		
61	130.8	122.6	184.0
98	50.4	50.9	76.3#





#22

Diisopropyl ether

Concen: 1.167 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

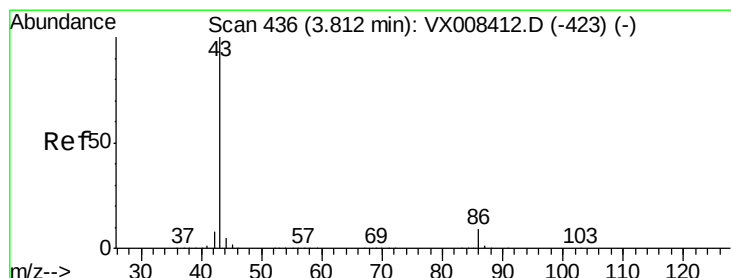
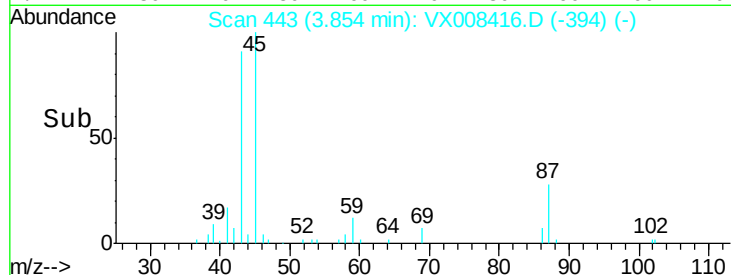
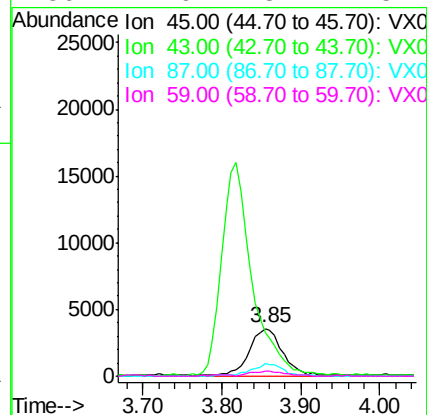
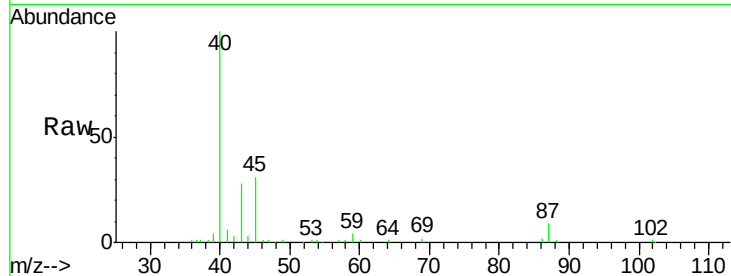
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	10846
Ion Ratio	Lower	Upper	
45	100		
43	86.5	57.1	85.7#
87	27.1	18.8	28.2
59	11.9	8.7	13.1

Manual Integrations
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3/26/2019 9:46:51 AM



#23

Vinyl Acetate

Concen: 5.336 ug/l

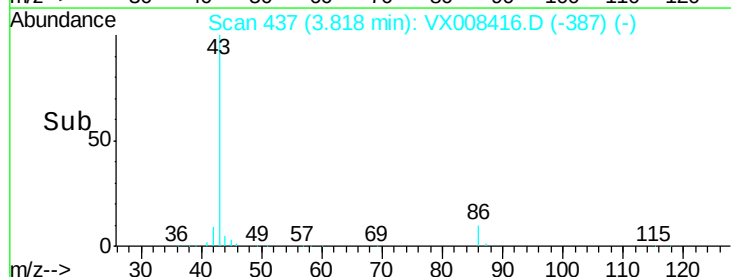
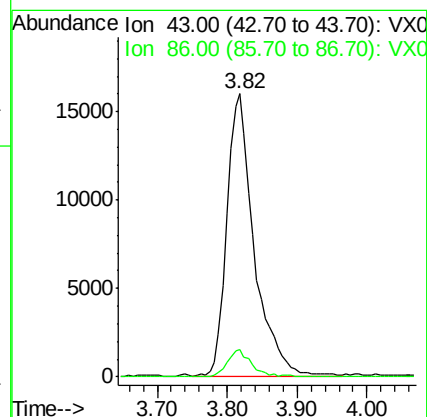
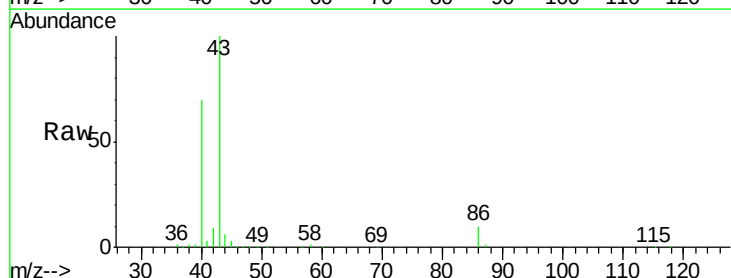
RT: 3.82 min Scan# 437

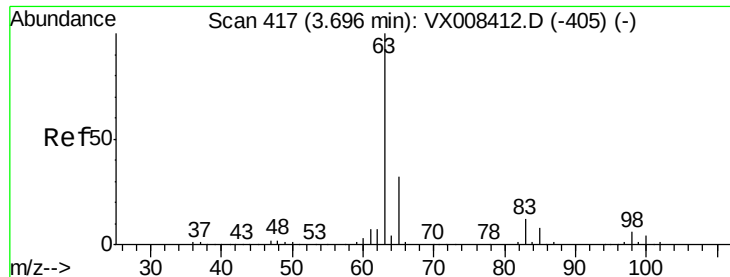
Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	43	Resp:	43724
Ion Ratio	Lower	Upper	
43	100		
86	9.6	6.9	10.3





#24

1,1-Dichloroethane

Concen: 1.190 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

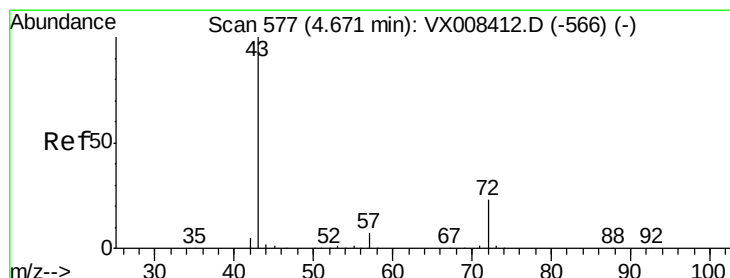
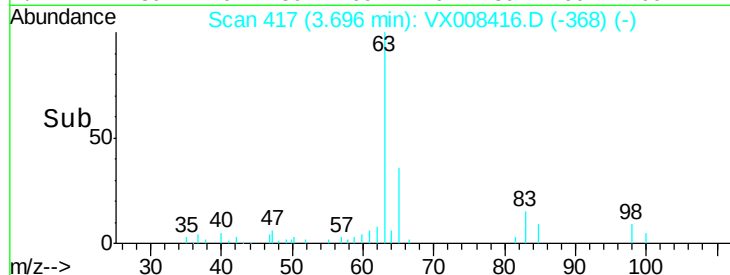
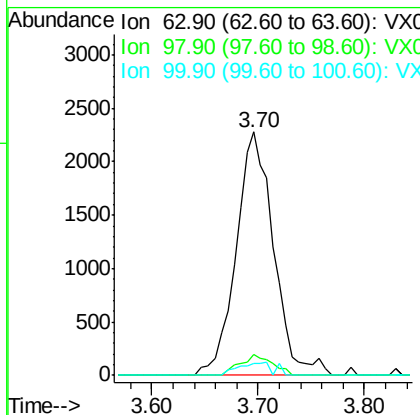
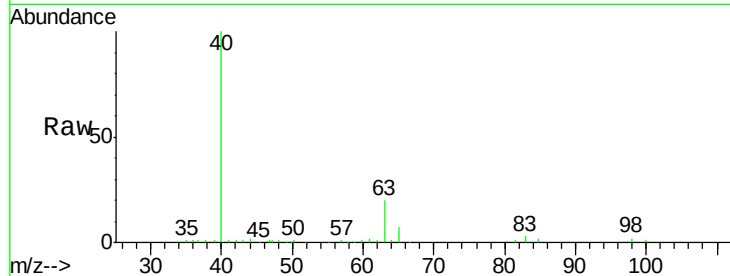
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	5632
Ion	Ratio	Lower	Upper
63	100		
98	8.7	3.2	9.6
100	4.9	2.0	5.8

Manual Integrations
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#25

2-Butanone

Concen: 5.666 ug/l

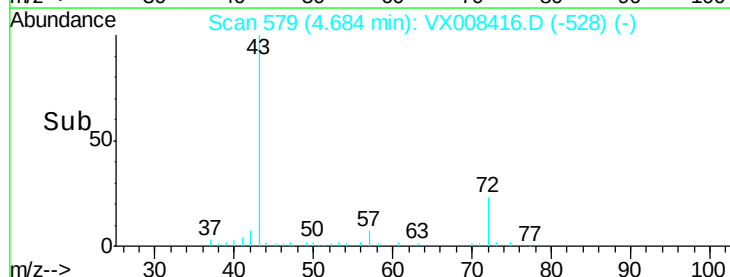
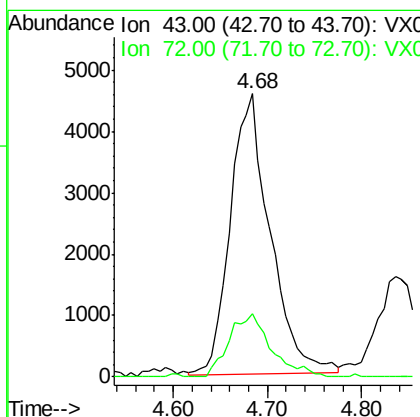
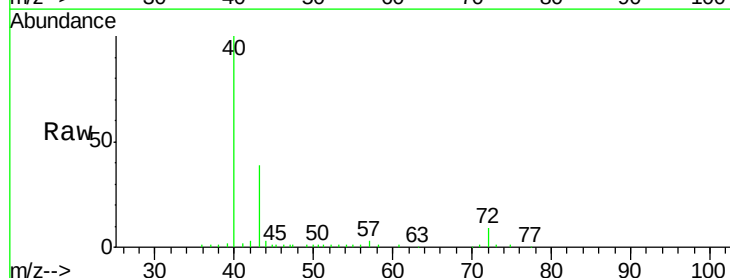
RT: 4.68 min Scan# 579

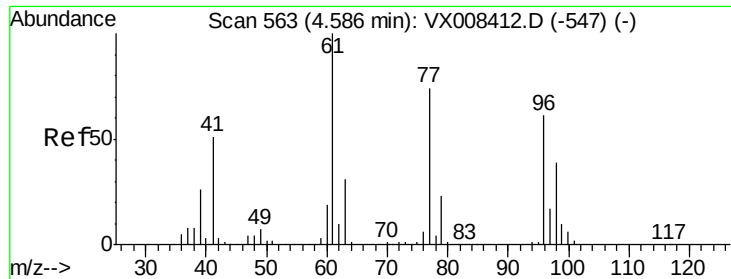
Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	43	Resp:	13440
Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.6	28.0





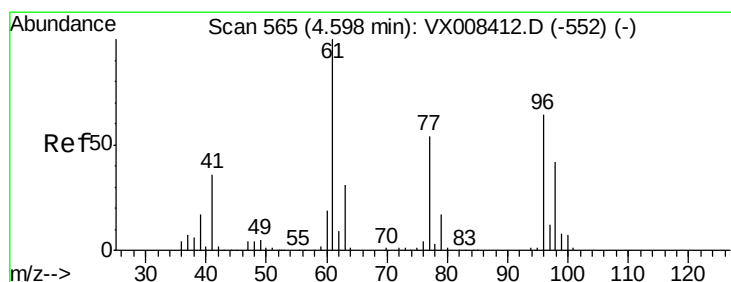
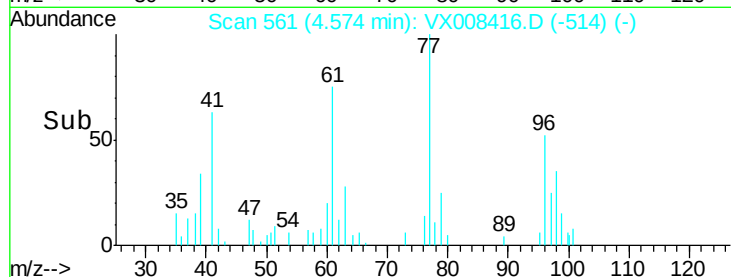
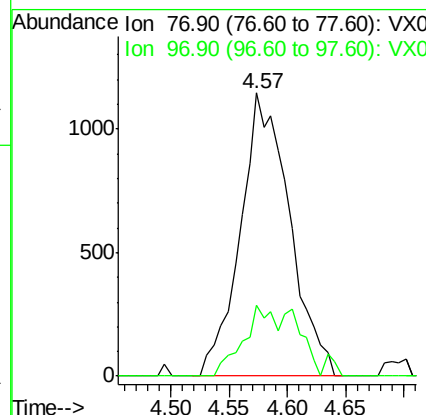
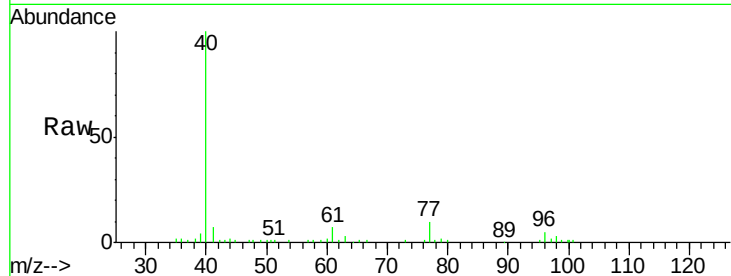
#26
2,2-Dichloropropane
Concen: 1.095 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 77 Resp: 3360
Ion Ratio Lower Upper
77 100
97 16.3 11.2 33.6

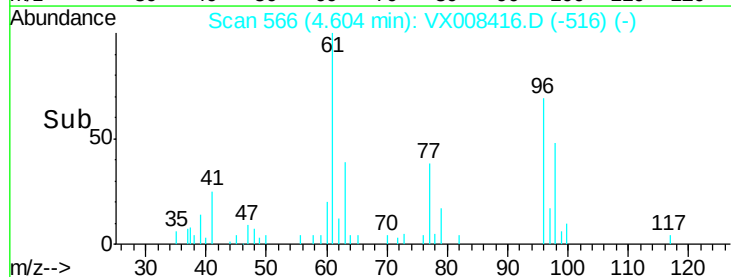
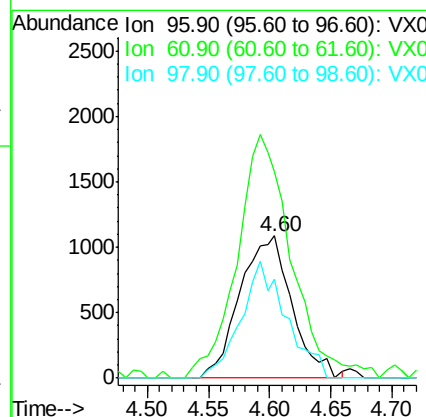
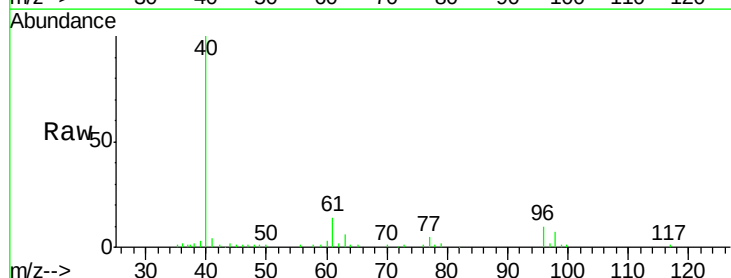
Manual Integrations
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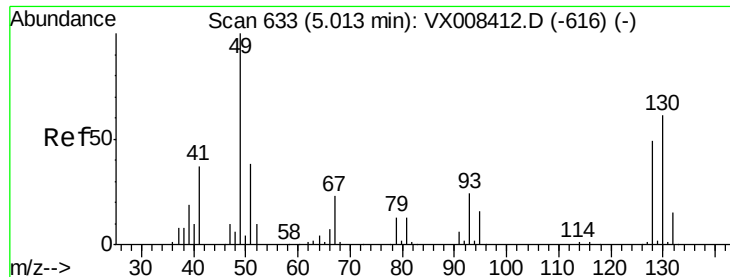
MMDadoda
3/26/2019 9:46:51 AM



#27
cis-1,2-Dichloroethene
Concen: 1.200 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 96 Resp: 3206
Ion Ratio Lower Upper
96 100
61 179.3 0.0 325.6
98 72.0 0.0 130.0





#28

Bromochloromethane

Concen: 1.252 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

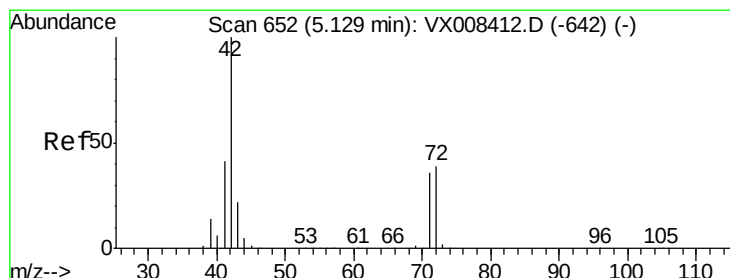
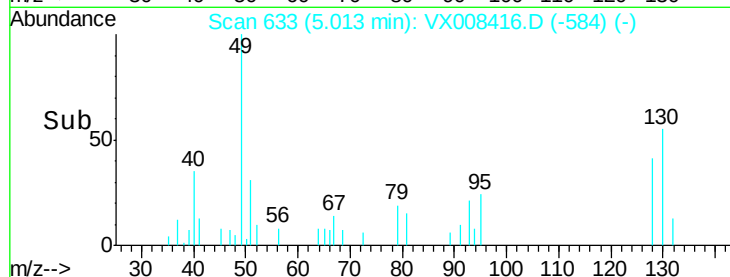
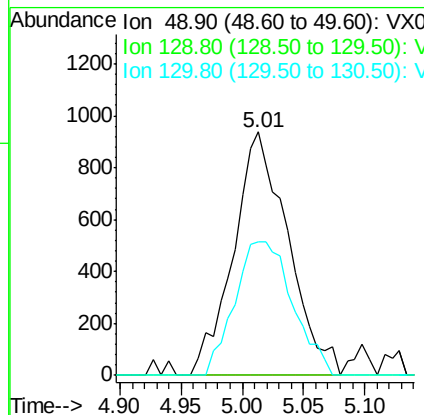
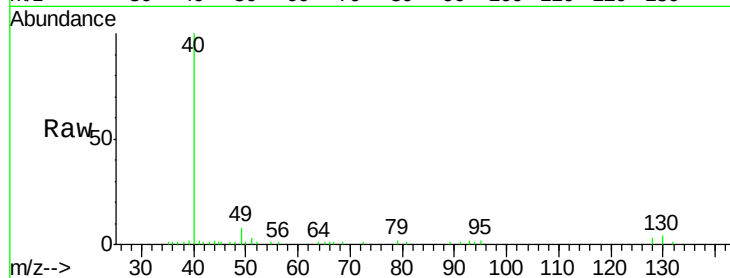
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	58.1	49.8	74.6

Manual Integrations
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MMDadoda
3/26/2019 9:46:51 AM



#29

Tetrahydrofuran

Concen: 6.045 ug/l

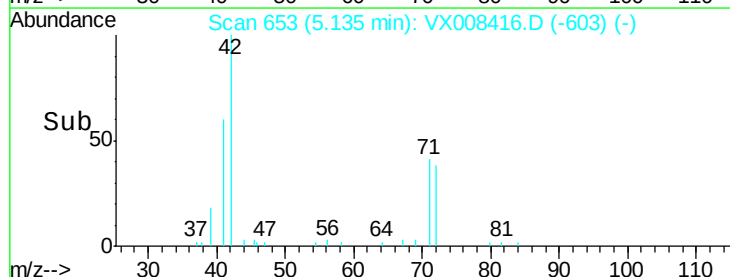
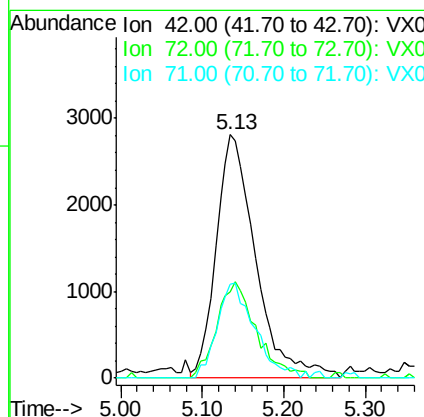
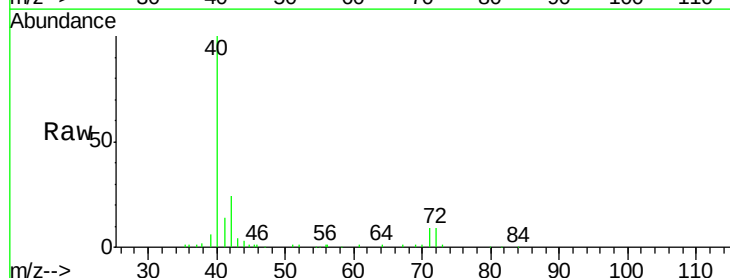
RT: 5.13 min Scan# 653

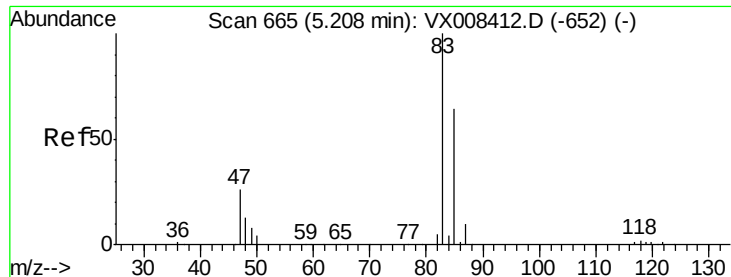
Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.4	47.2
71	37.2	29.4	44.2





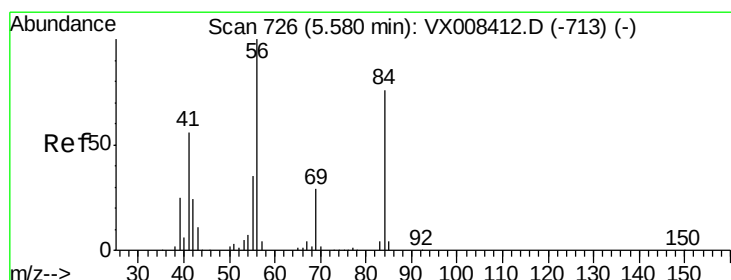
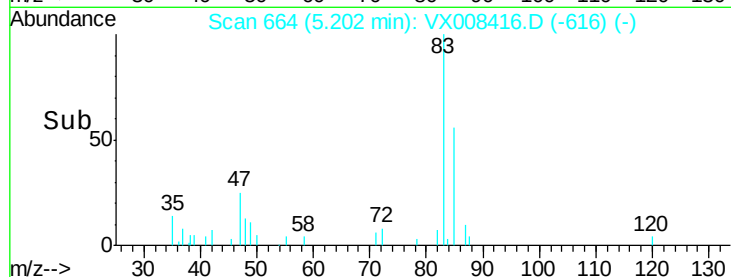
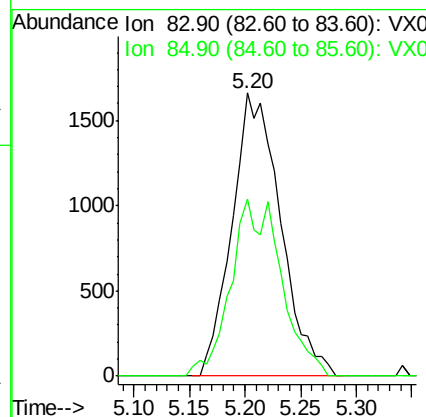
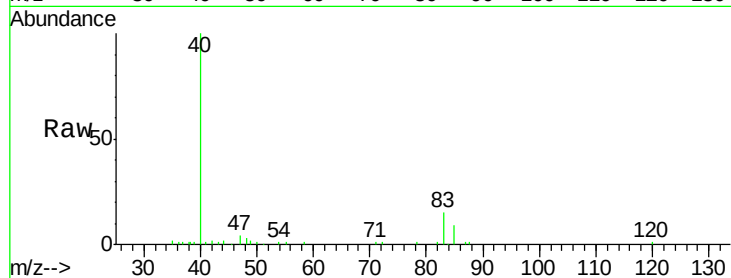
#30
Chloroform
Concen: 1.178 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 5031
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.2

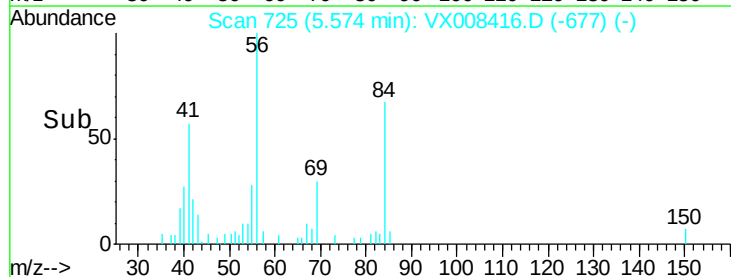
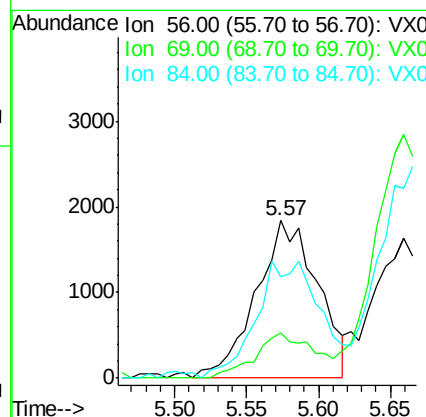
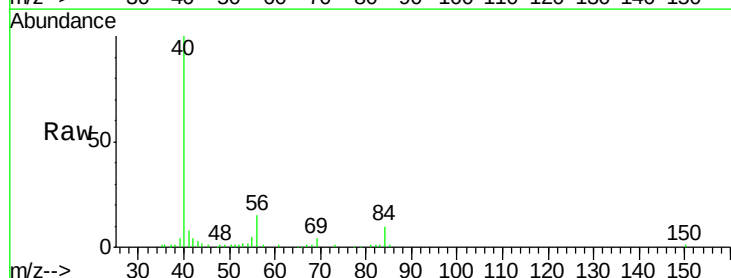
Manual Integrations
APPROVED

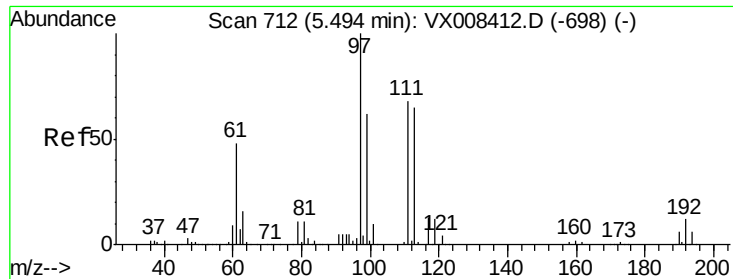
MMDadoda
3/26/2019 9:46:51 AM



#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 56 Resp: 5457
Ion Ratio Lower Upper
56 100
69 28.4 23.2 34.8
84 60.7 60.7 91.1#





#32

1,1,1-Trichloroethane

Concen: 1.128 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

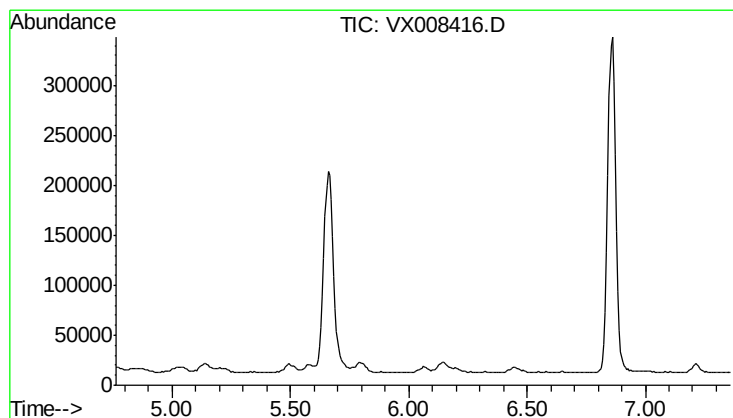
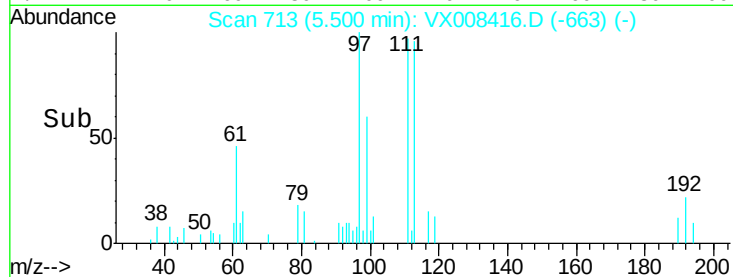
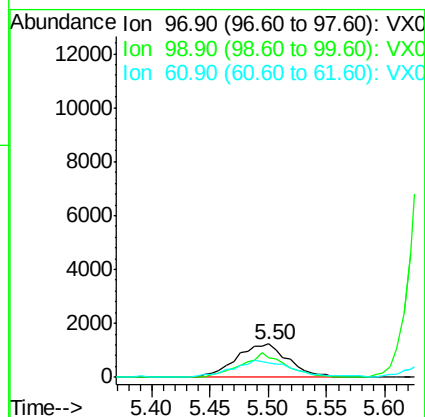
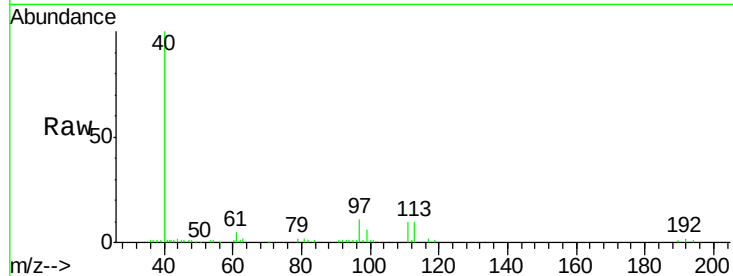
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.5	77.3#	
61	58.9	38.8	58.2#	

Manual Integrations
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MMDadoda
3/26/2019 9:46:51 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX008416.D

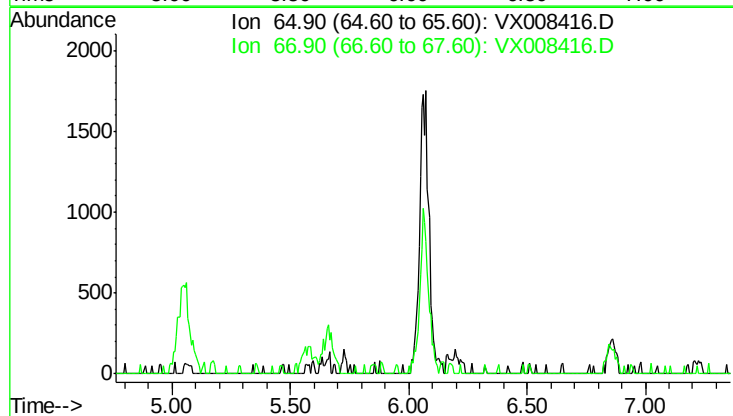
Acq: 25 Mar 2019 16:26

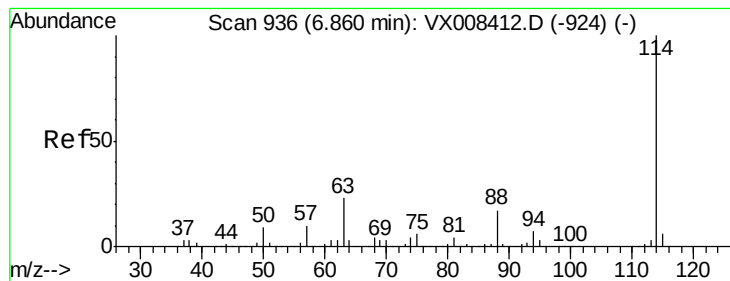
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.7





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

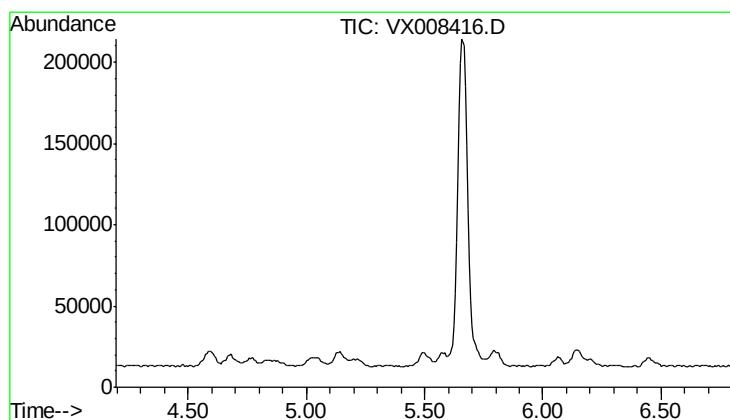
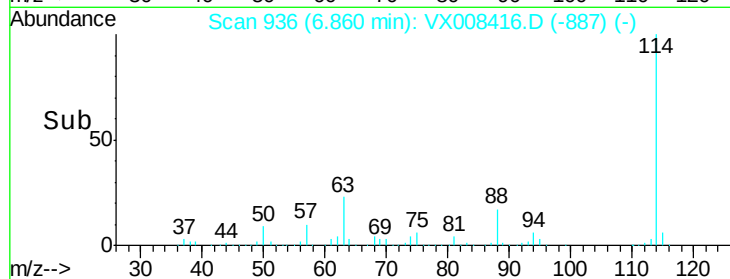
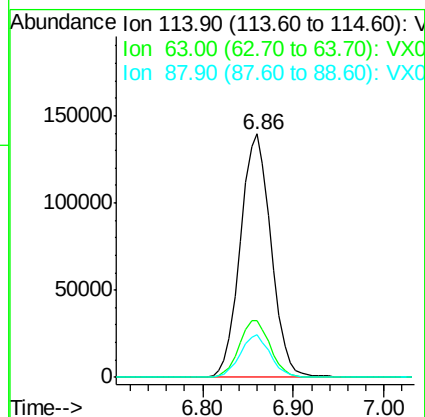
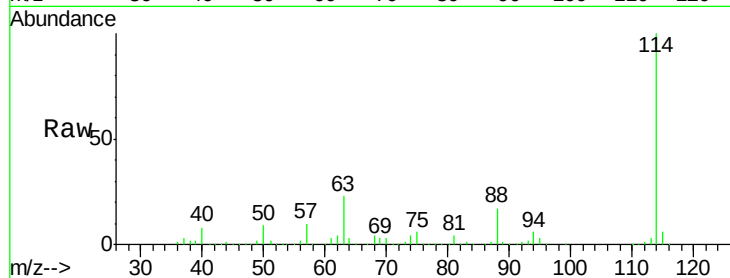
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	327948
Ion Ratio	Lower	Upper	
114	100		
63	23.2	0.0	46.4
88	17.3	0.0	33.2

Manual Integrations
APPROVED

MMDadoda
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#35

Dibromofluoromethane

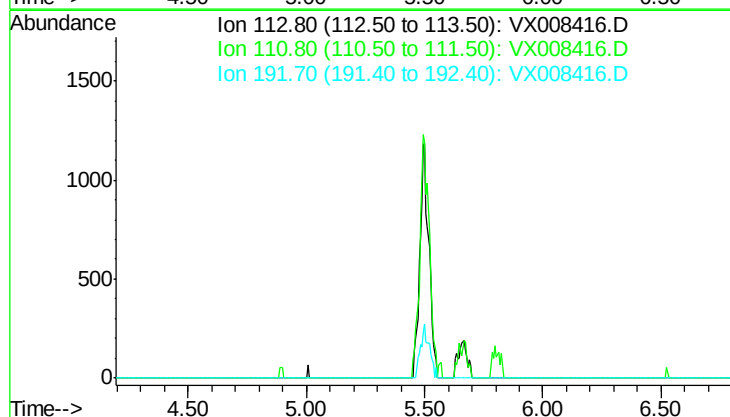
Concen: 0.000 ug/l

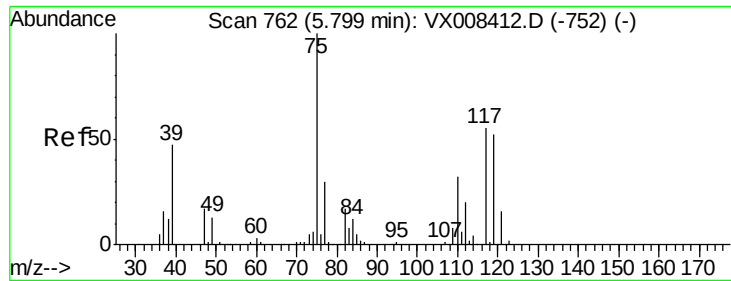
Expected RT: 5.49 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	103.7
192	19.5





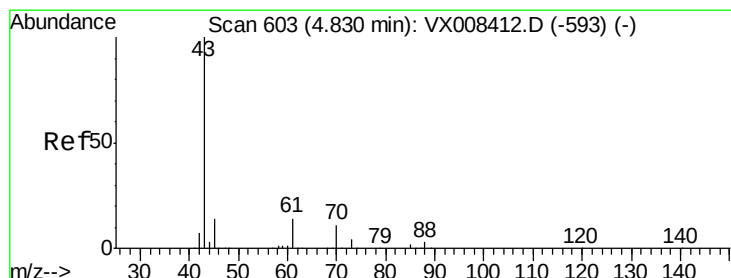
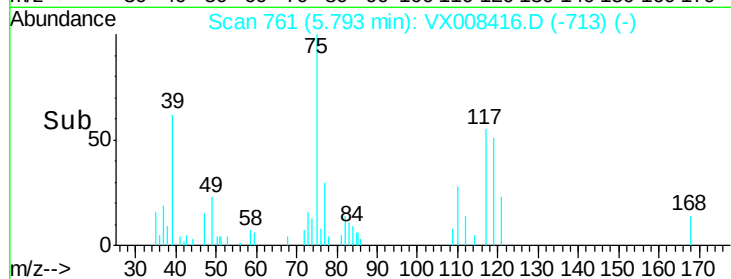
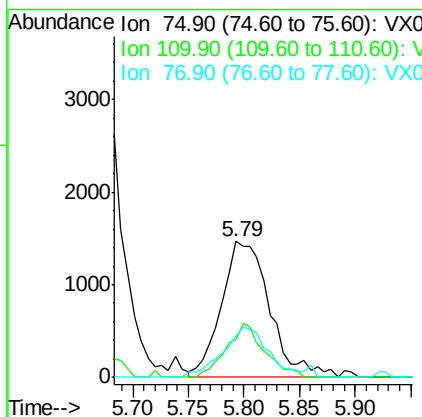
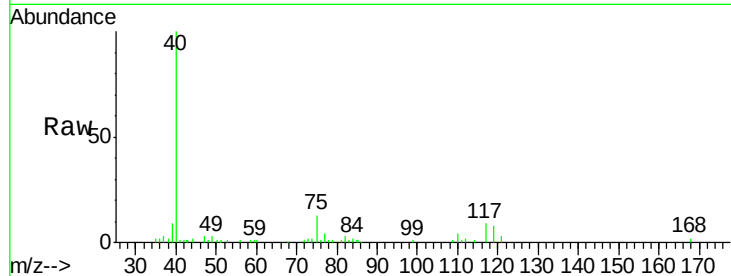
#36
 1,1-Dichloropropene
 Concen: 1.324 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.2	16.6	49.7
77	35.8	24.2	36.2

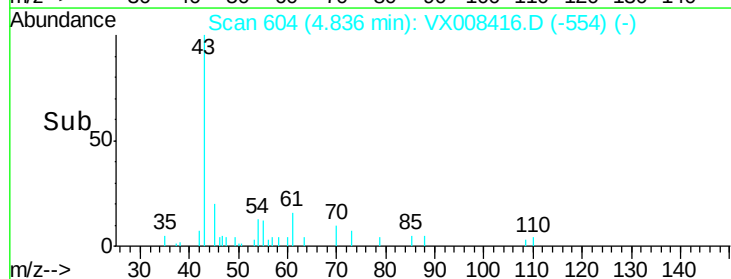
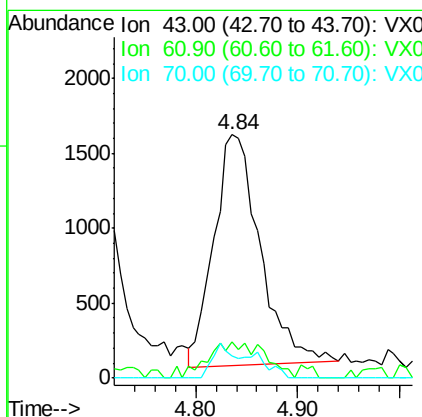
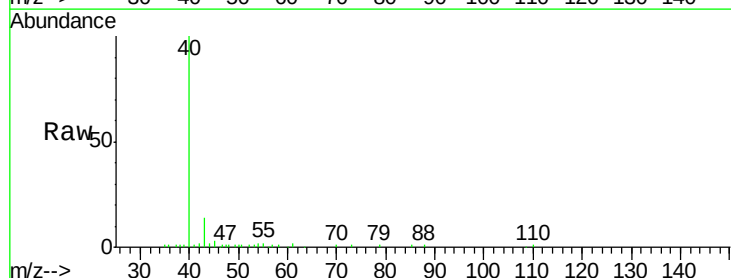
Manual Integrations
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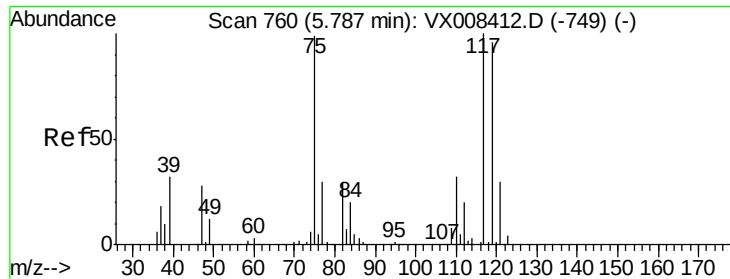
MMDadoda
 3/26/2019 9:46:51 AM



#37
 Ethyl Acetate
 Concen: 1.072 ug/l
 RT: 4.84 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.2	10.5	15.7#
70	6.9	7.8	11.8#





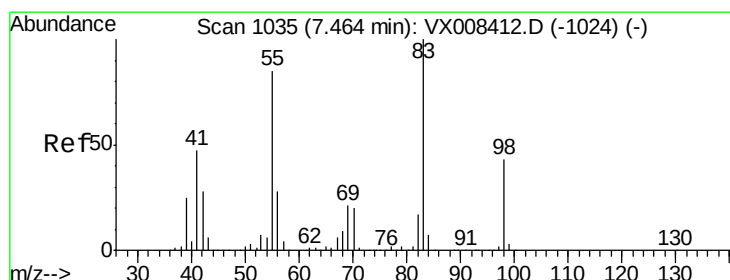
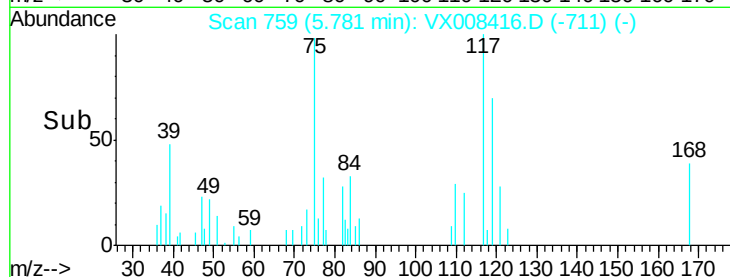
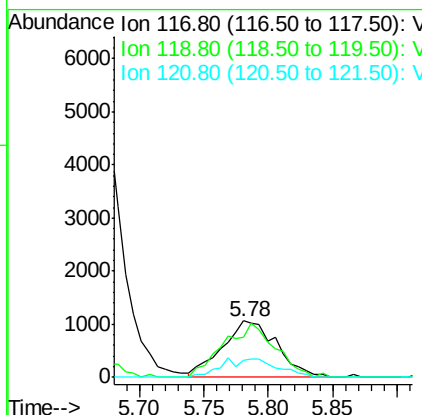
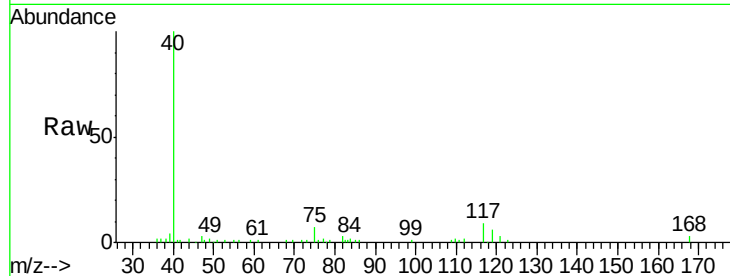
#38
Carbon Tetrachloride
Concen: 1.090 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	70.7	76.7	115.1#
121	29.8	24.3	36.5

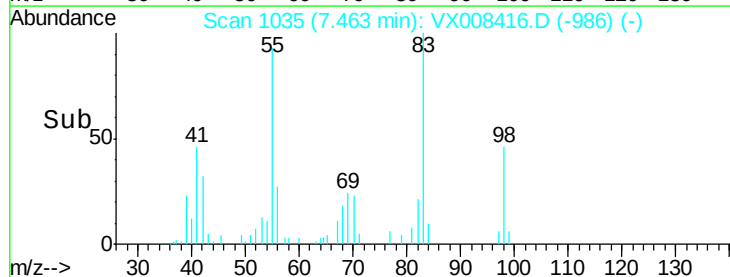
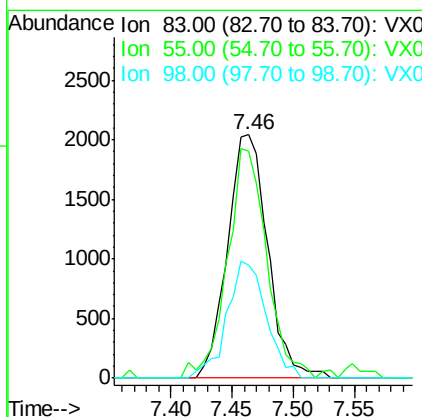
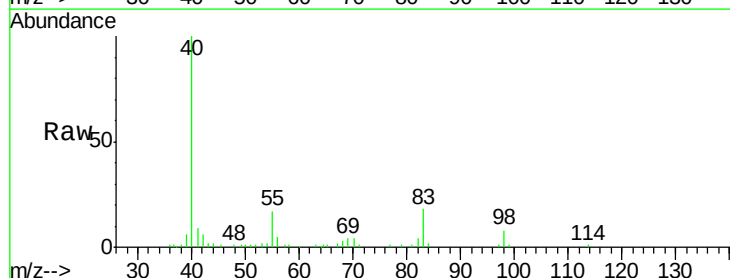
Manual Integrations
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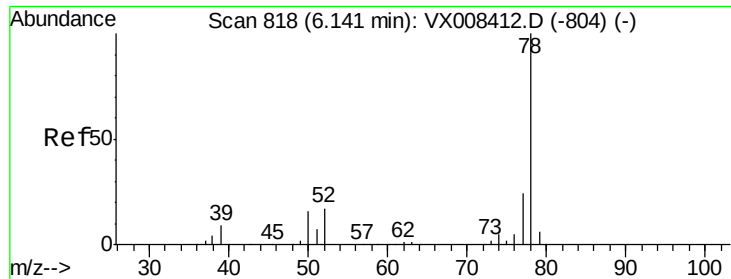
MMDadoda
3/26/2019 9:46:51 AM



#39
Methylcyclohexane
Concen: 1.134 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
83	100		
55	93.3	68.2	102.4
98	46.4	34.2	51.4





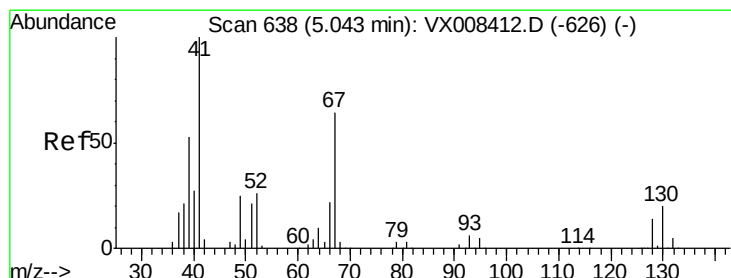
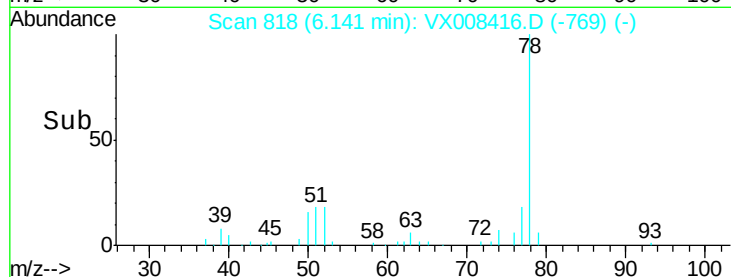
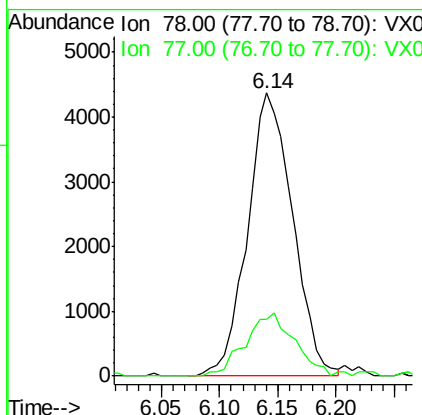
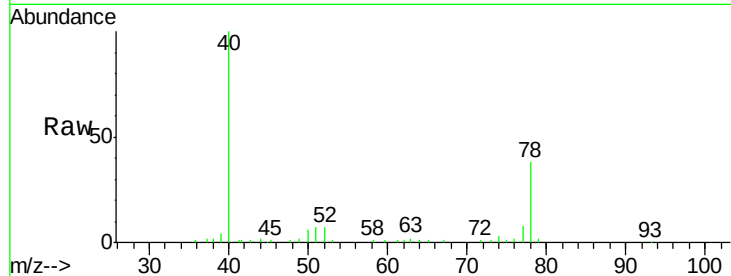
#40
Benzene
Concen: 1.153 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 11765
Ion Ratio Lower Upper
78 100
77 20.2 19.3 28.9

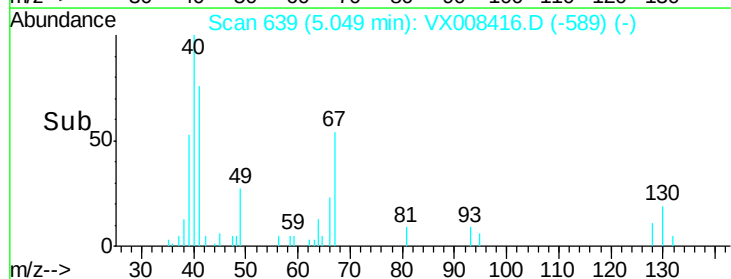
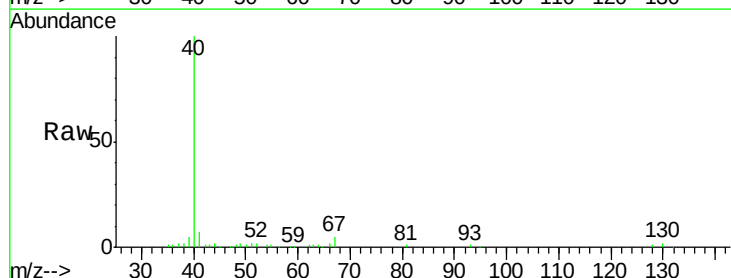
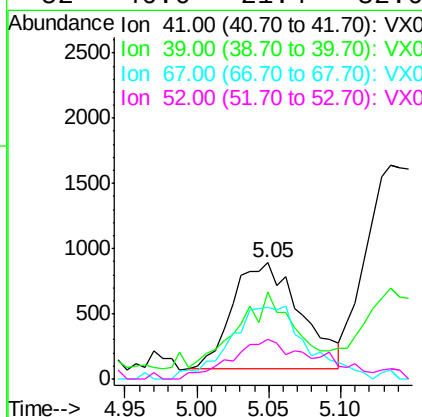
Manual Integrations
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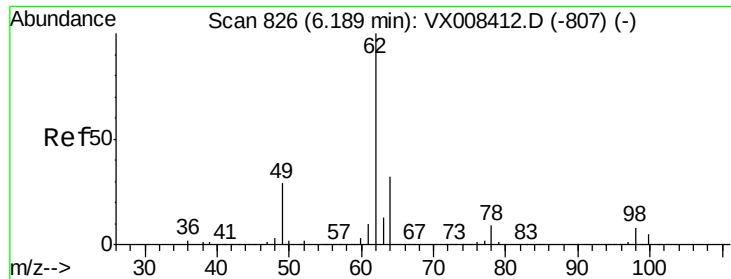
MMDadoda
3/26/2019 9:46:51 AM



#41
Methacrylonitrile
Concen: 1.083 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 41 Resp: 2668
Ion Ratio Lower Upper
41 100
39 59.3 42.6 64.0
67 77.5 52.2 78.4
52 46.6 21.4 32.0#





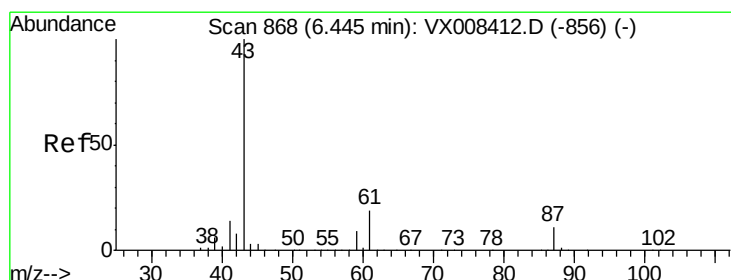
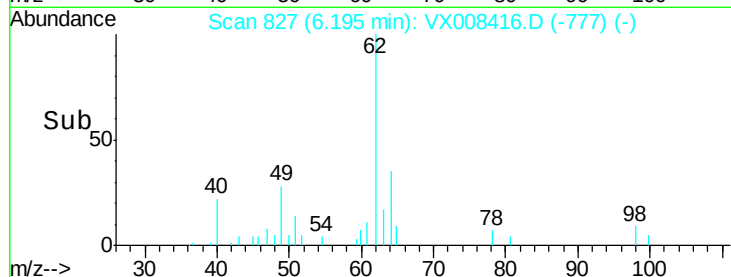
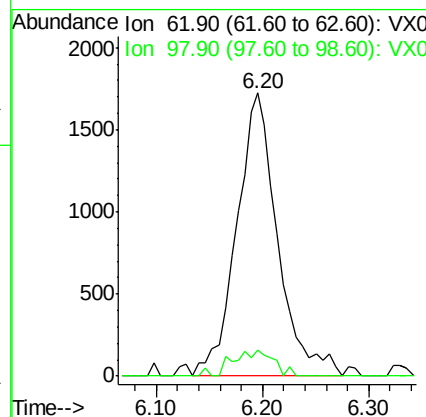
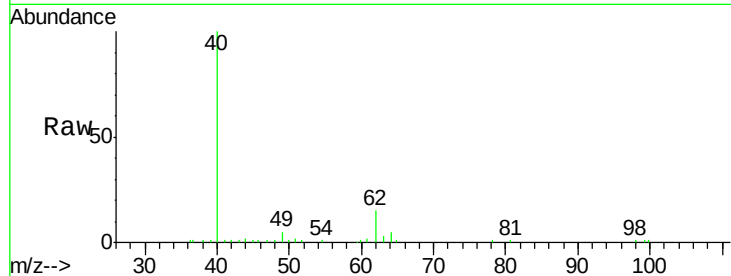
#42
 1,2-Dichloroethane
 Concen: 1.256 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

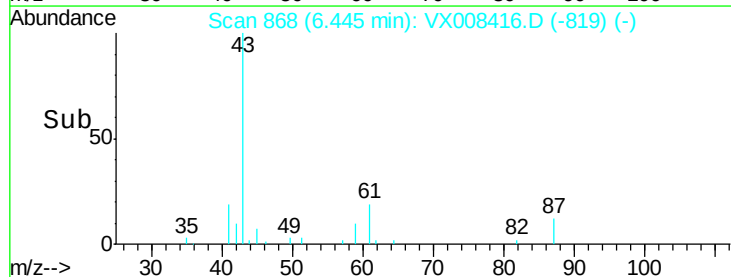
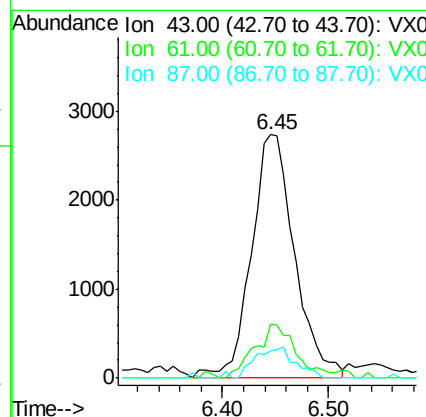
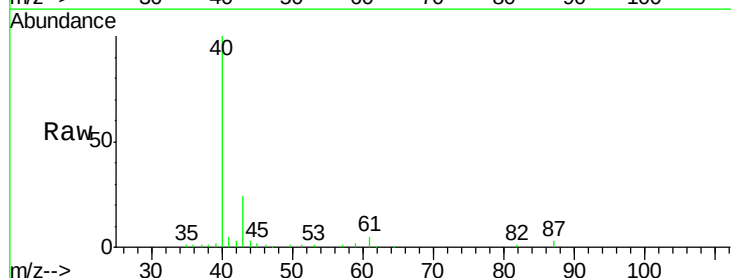
Manual Integrations
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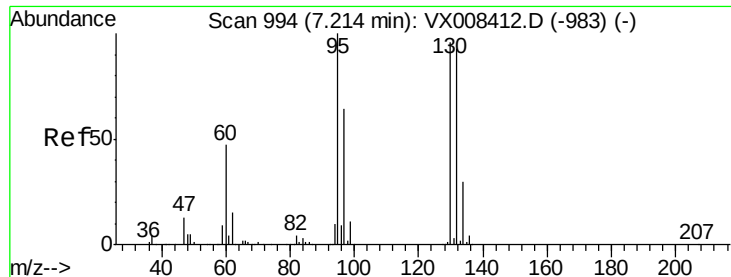
MMDadoda
 3/26/2019 9:46:51 AM



#43
 Isopropyl Acetate
 Concen: 1.107 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	15.4	23.2
87	11.6	9.1	13.7





#44

Trichloroethene

Concen: 1.288 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3055

Ion Ratio Lower Upper

130 100

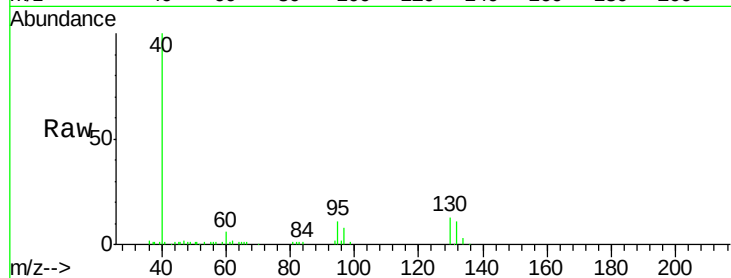
95 89.1 0.0 208.8

Manual Integrations

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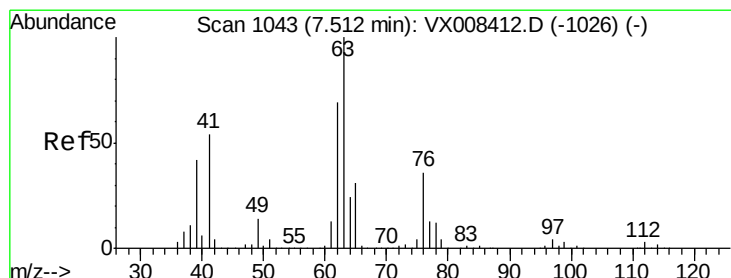
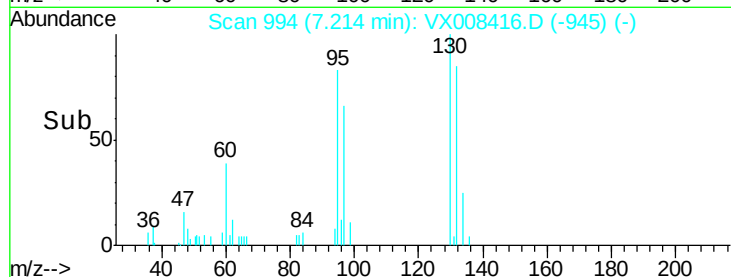
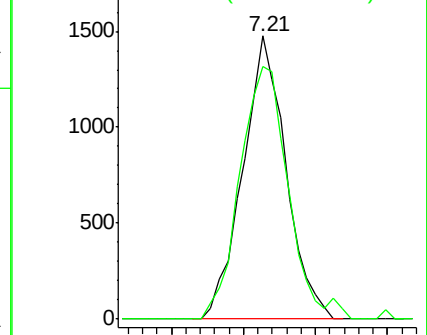
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.173 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008416.D

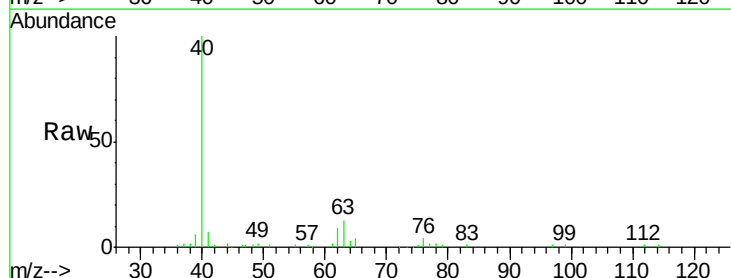
Acq: 25 Mar 2019 16:26

Tgt Ion: 63 Resp: 3389

Ion Ratio Lower Upper

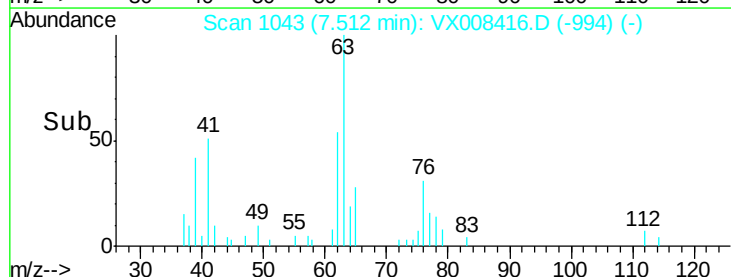
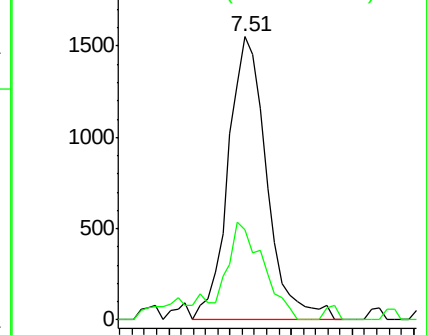
63 100

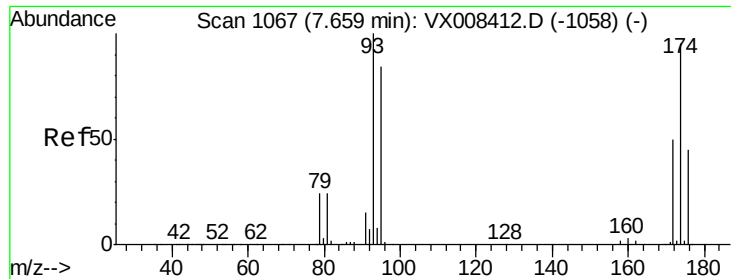
65 31.9 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





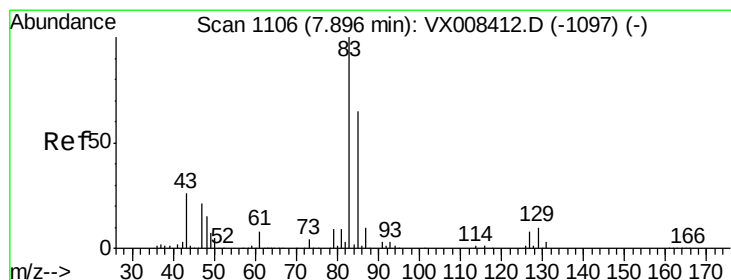
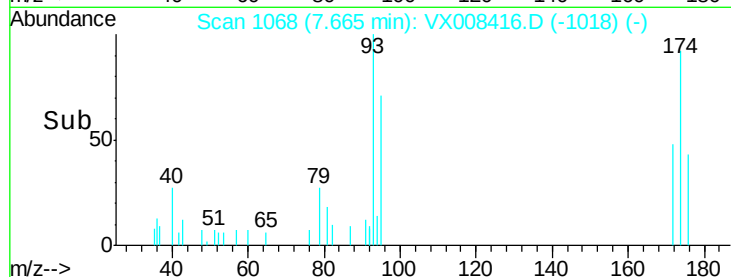
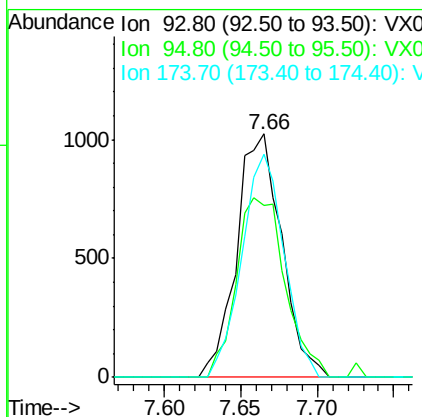
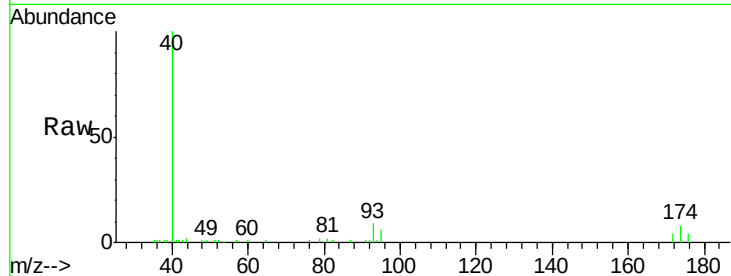
#46
Dibromomethane
Concen: 1.225 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2096
Ion Ratio Lower Upper
93 100
95 80.0 67.0 100.6
174 85.9 76.0 114.0

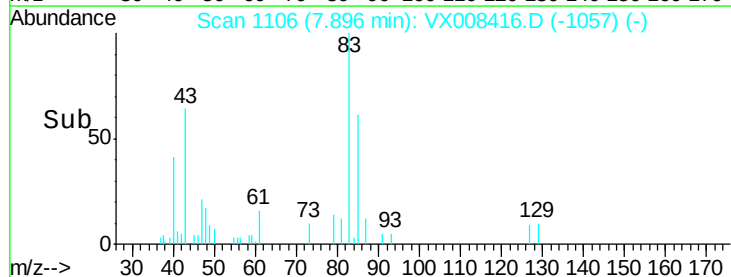
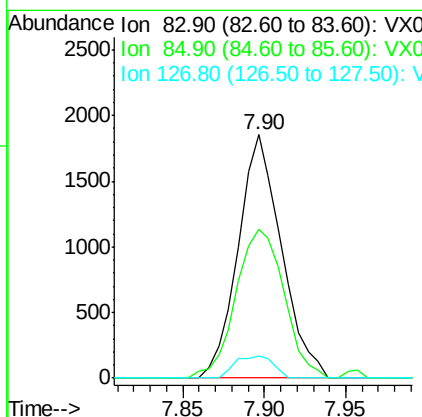
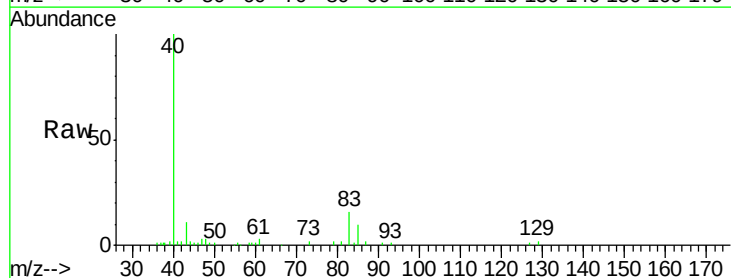
Manual Integrations
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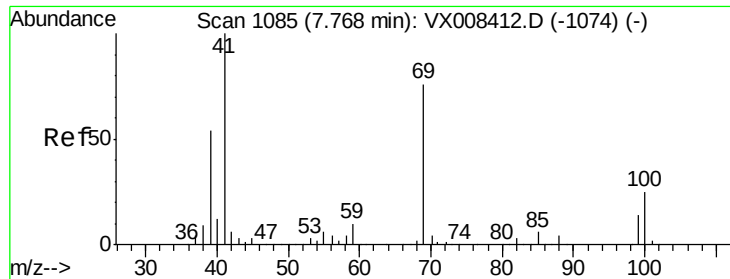
MMDadoda
3/26/2019 9:46:51 AM



#47
Bromodichloromethane
Concen: 1.046 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 83 Resp: 3419
Ion Ratio Lower Upper
83 100
85 61.3 52.0 78.0
127 8.9 6.4 9.6





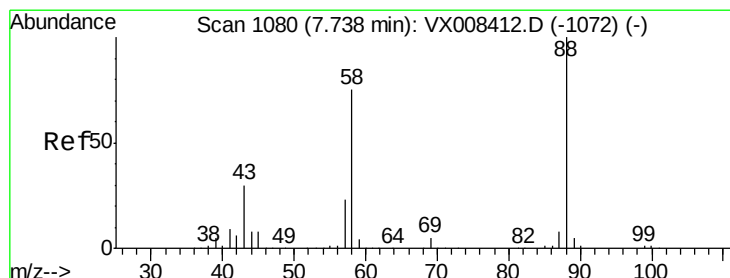
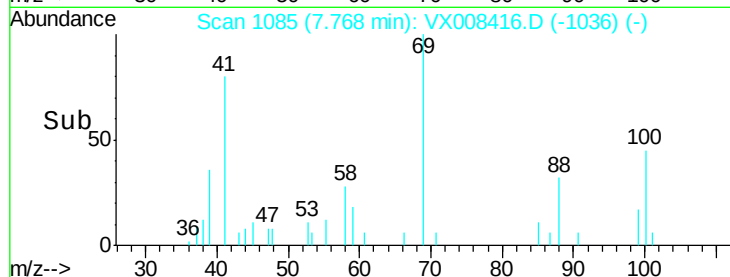
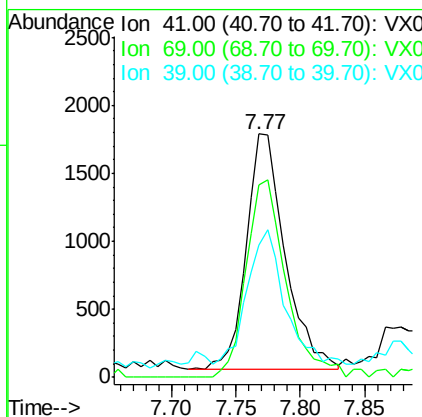
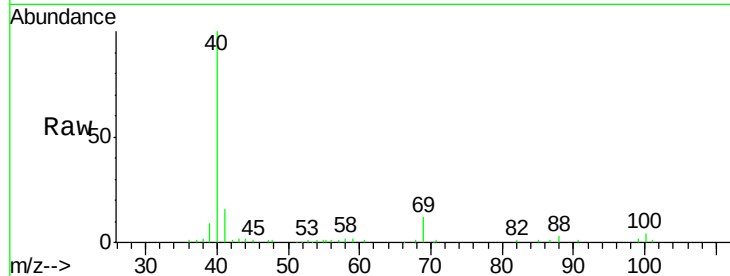
#48
Methvl methacrylate
Concen: 1.002 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	86.6	60.8	91.2
39	56.5	42.3	63.5

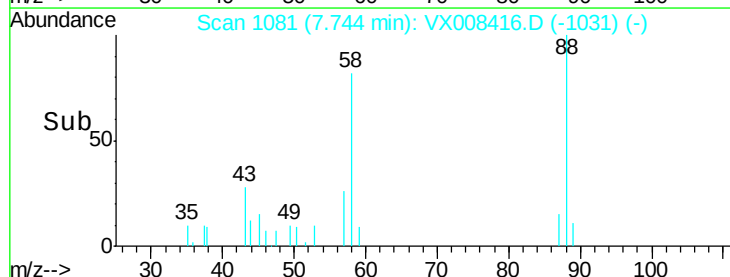
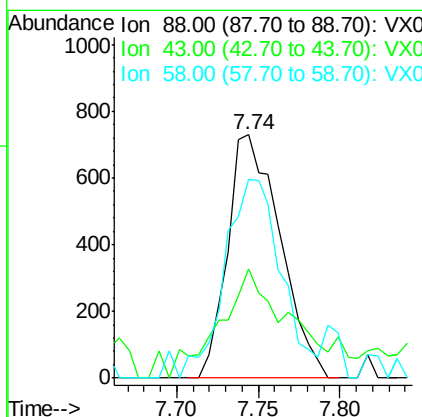
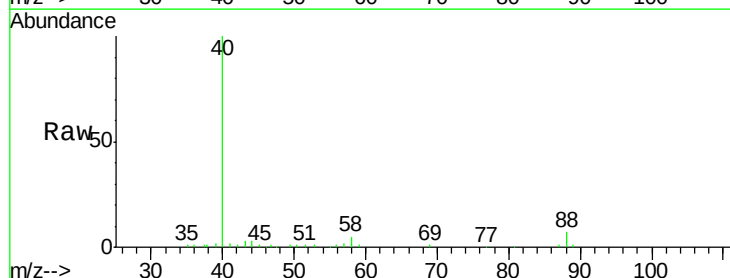
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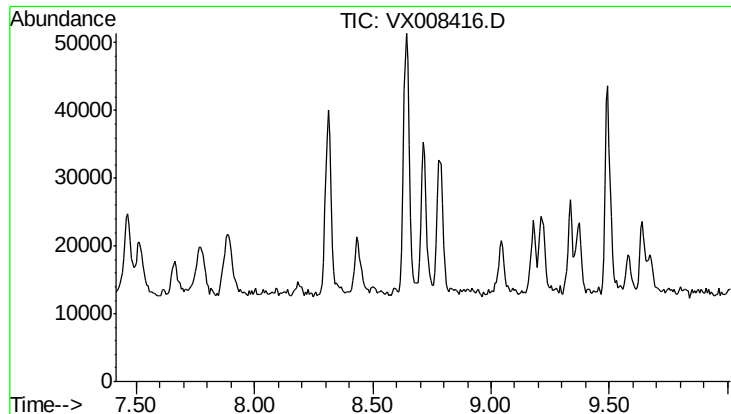
MMDadoda
3/26/2019 9:46:51 AM



#49
1,4-Dioxane
Concen: 22.595 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
88	100		
43	65.7	28.6	43.0#
58	88.4	63.0	94.4





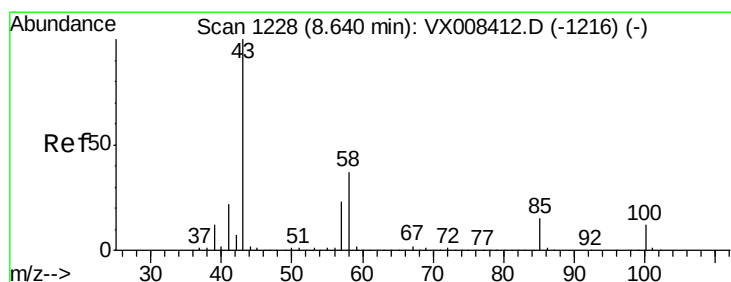
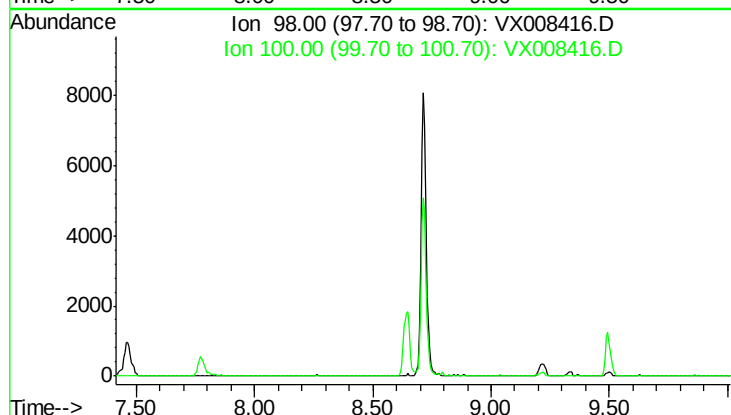
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

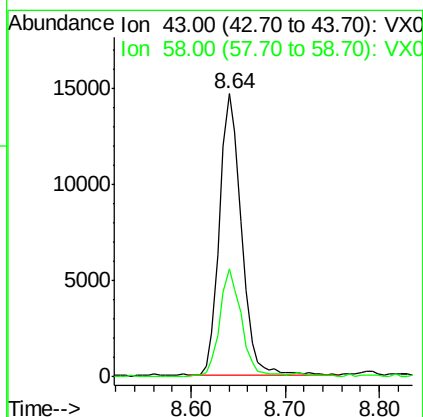
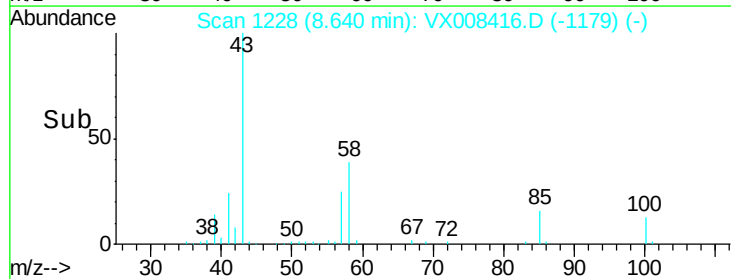
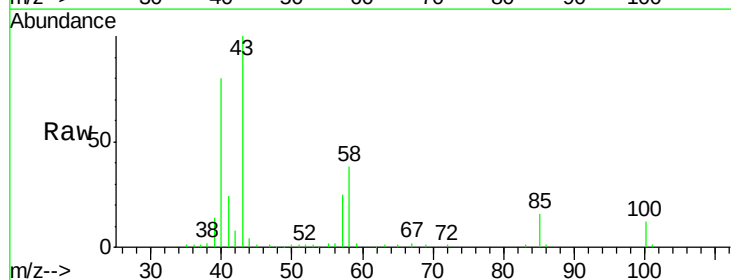
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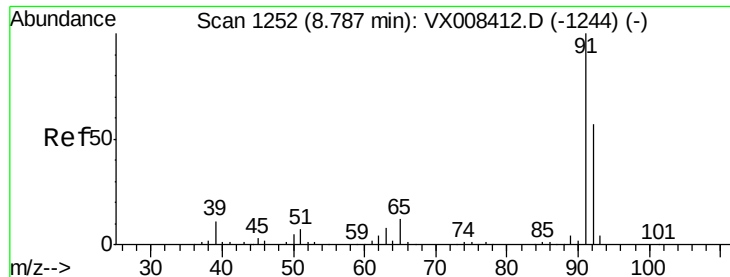
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 5.133 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 43 Resp: 23809
Ion Ratio Lower Upper
43 100
58 38.2 29.8 44.8





#52

Toluene

Concen: 1.176 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7051

Ion Ratio Lower Upper

92 100

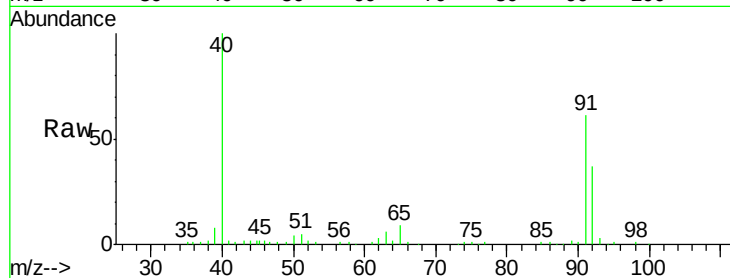
91 172.4 140.2 210.4

Manual Integrations

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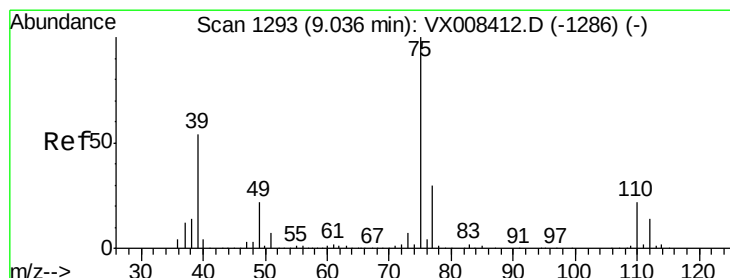
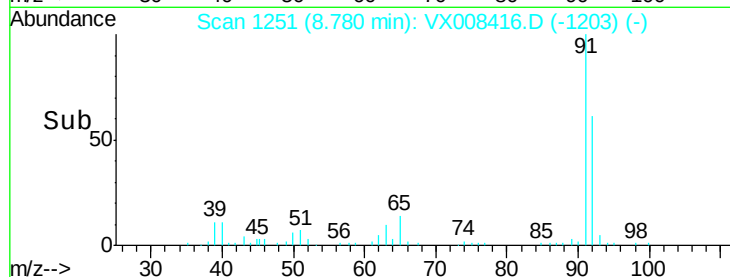
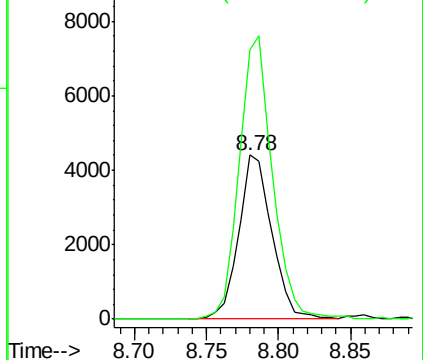
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.956 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008416.D

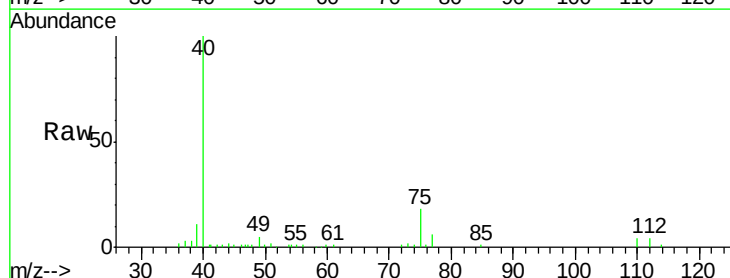
Acq: 25 Mar 2019 16:26

Tgt Ion: 75 Resp: 3365

Ion Ratio Lower Upper

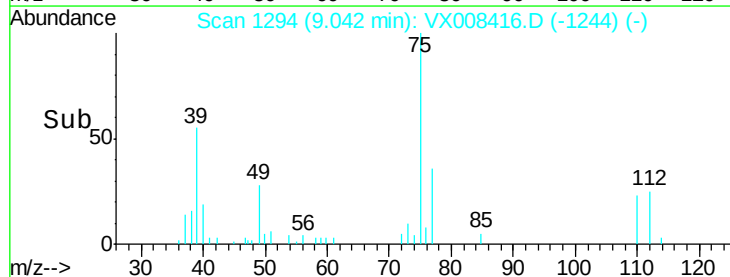
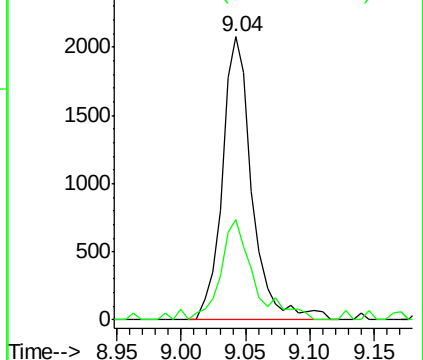
75 100

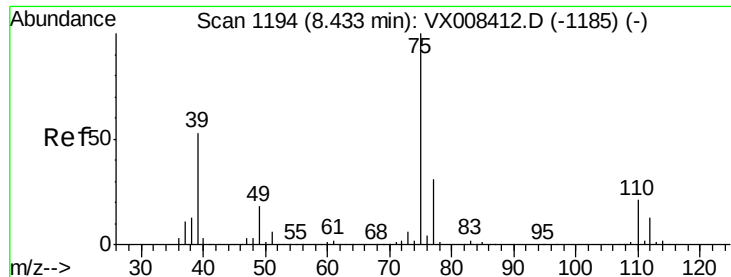
77 35.7 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 1.056 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

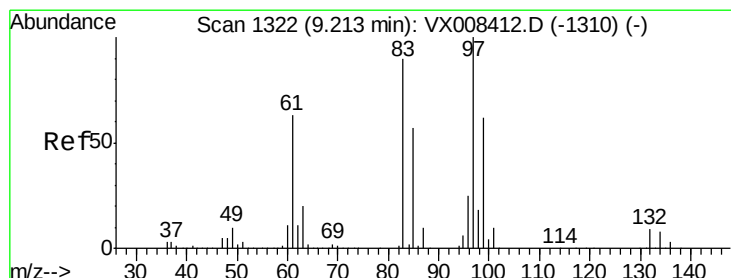
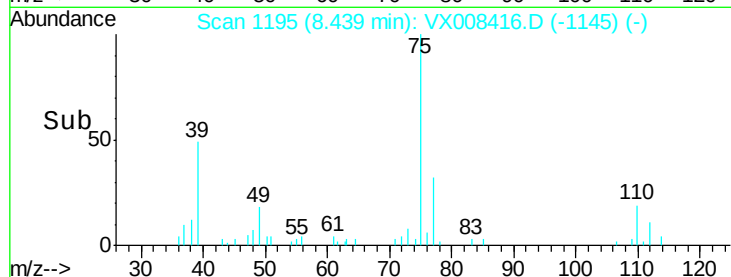
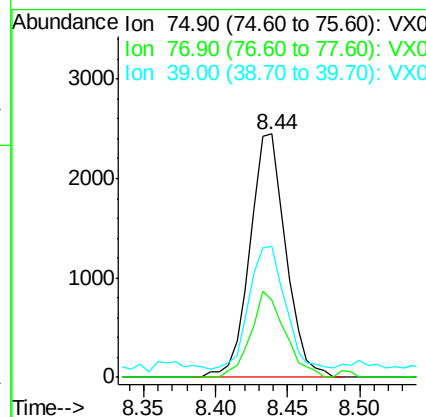
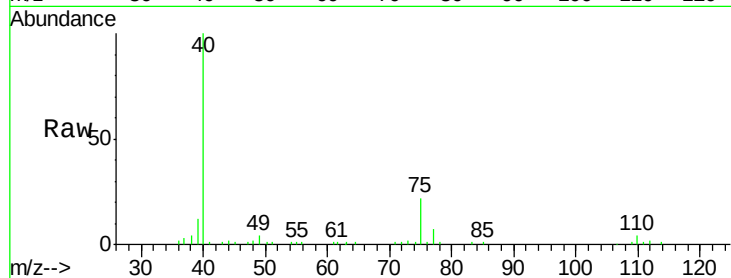
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4202
Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1
39	48.8	42.4	63.6

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#55

1,1,2-Trichloroethane

Concen: 1.104 ug/l

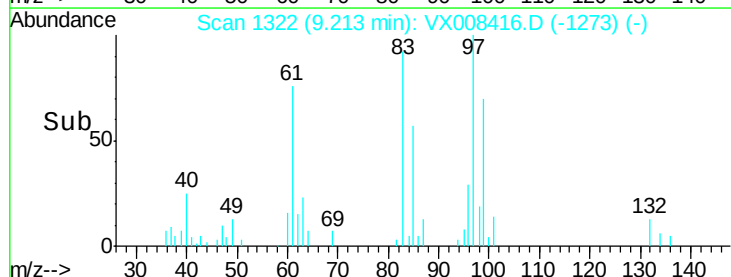
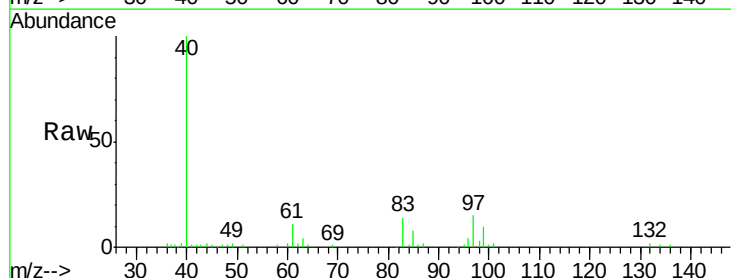
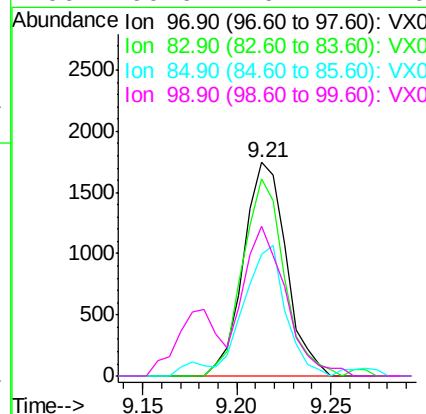
RT: 9.21 min Scan# 1322

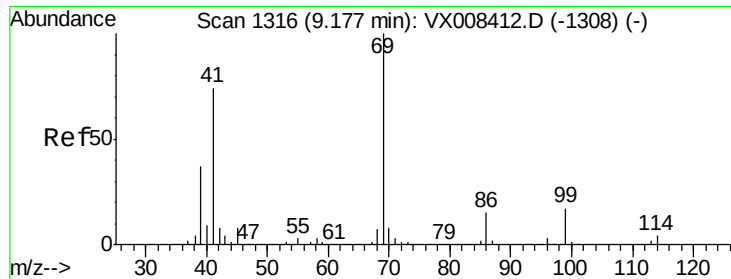
Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	97	Resp:	2750
Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.8	107.6
85	53.7	45.9	68.9
99	66.6	49.4	74.0





#56

Ethyl methacrylate

Concen: 1.002 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

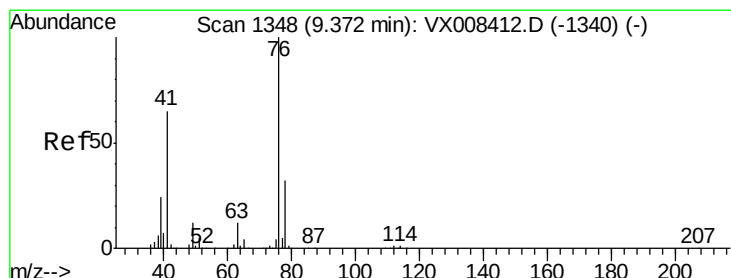
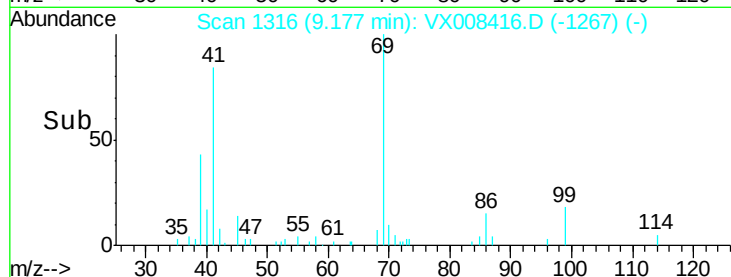
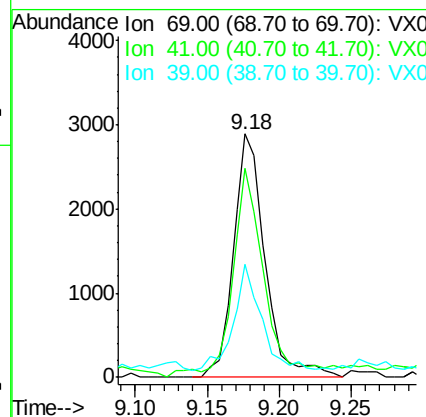
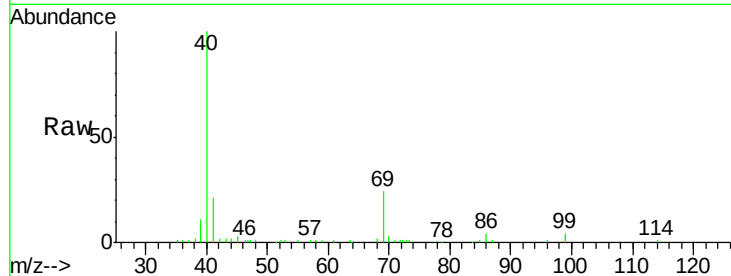
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4426
Ion	Ratio	Lower	Upper
69	100		
41	87.0	59.5	89.3
39	39.6	29.3	43.9

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#57

1,3-Dichloropropane

Concen: 1.158 ug/l

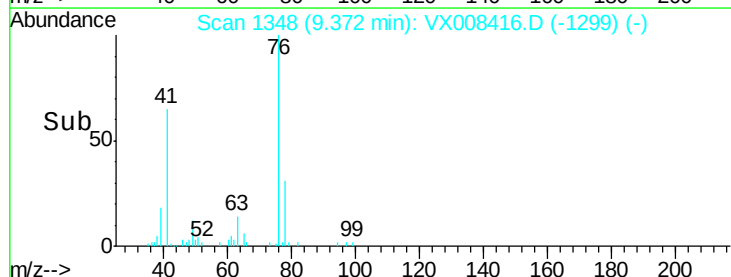
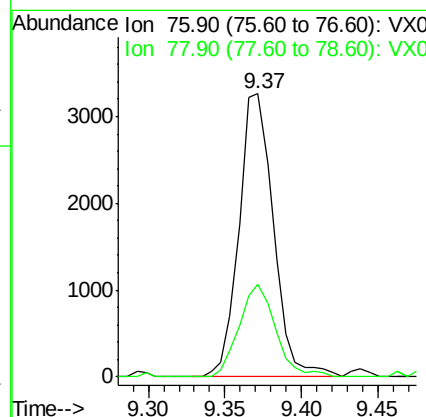
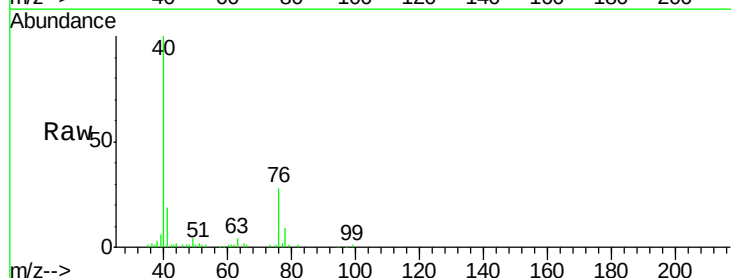
RT: 9.37 min Scan# 1348

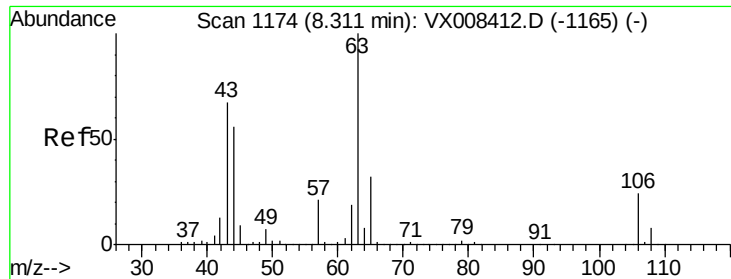
Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	76	Resp:	5130
Ion	Ratio	Lower	Upper
76	100		
78	34.5	25.8	38.8





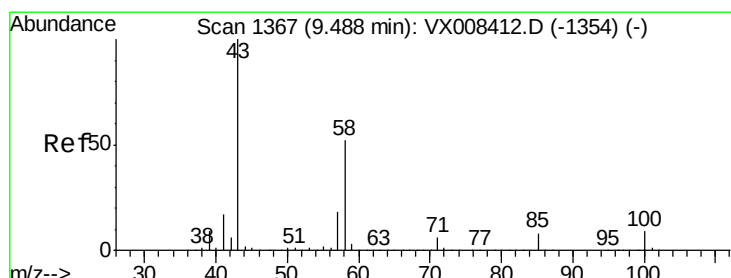
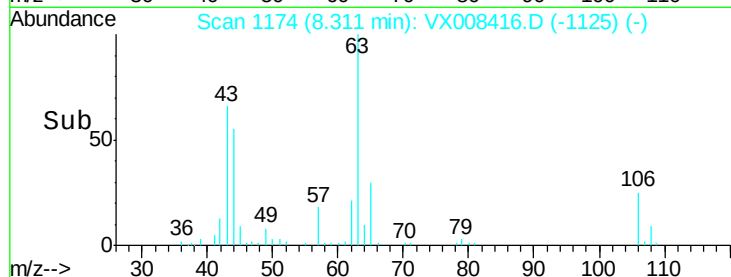
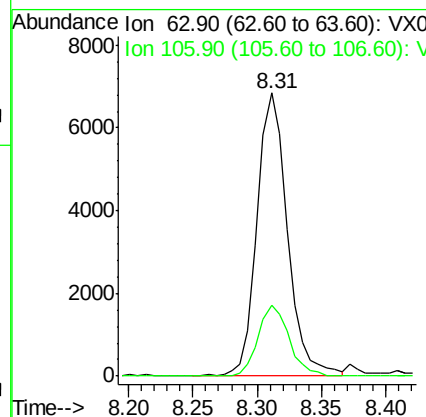
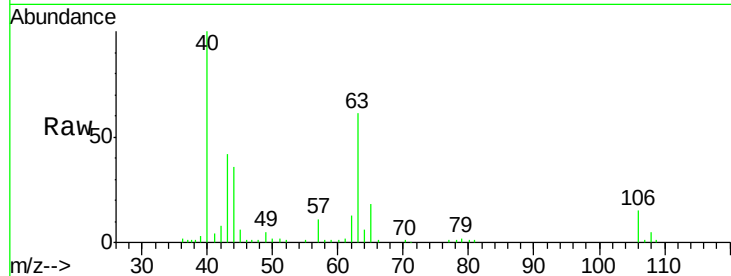
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.729 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 11156
 Ion Ratio Lower Upper
 63 100
 106 25.3 19.0 28.6

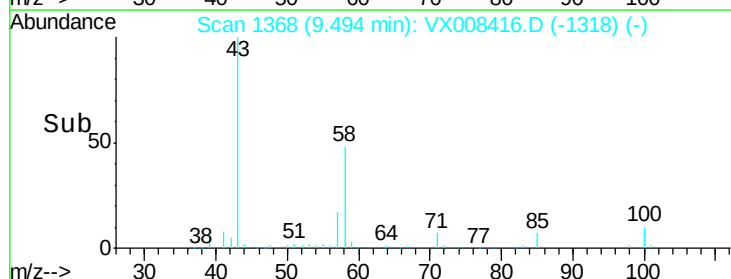
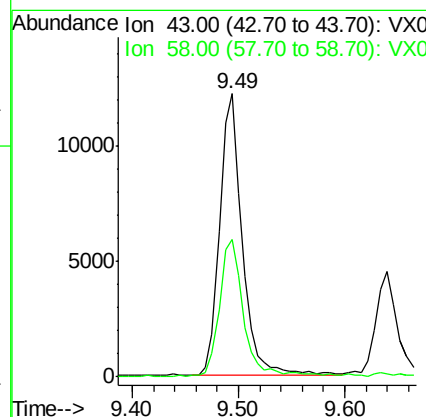
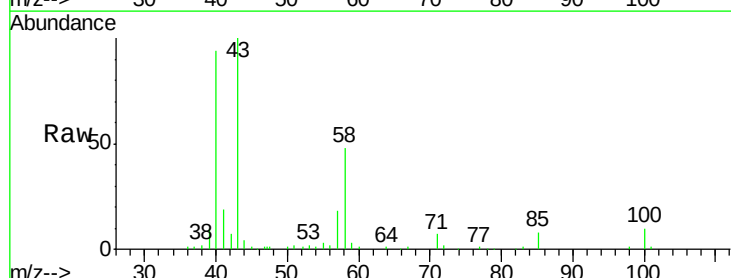
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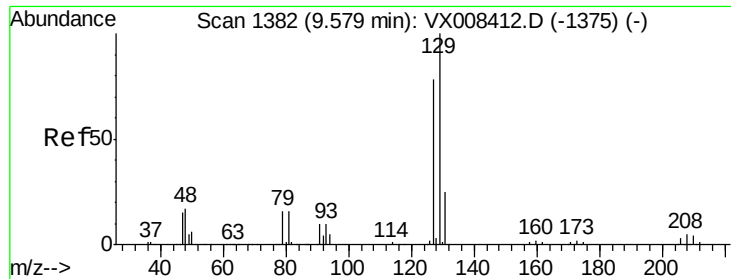
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#59
 2-Hexanone
 Concen: 5.020 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 43 Resp: 17967
 Ion Ratio Lower Upper
 43 100
 58 53.1 26.3 78.9





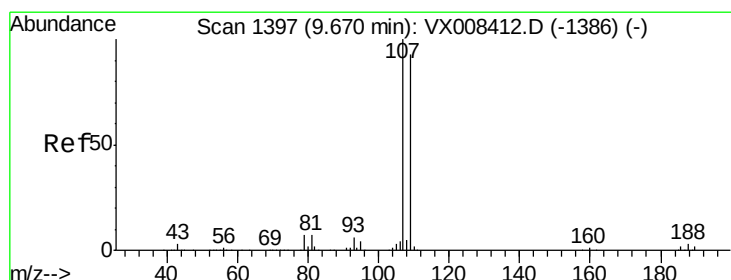
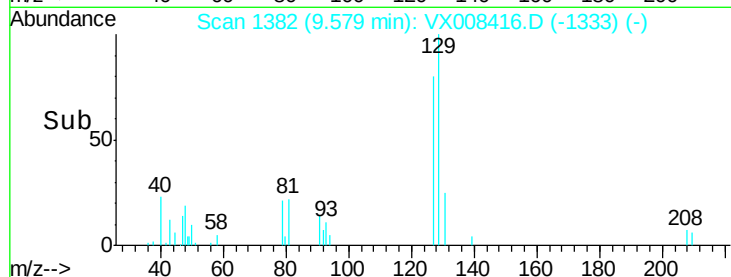
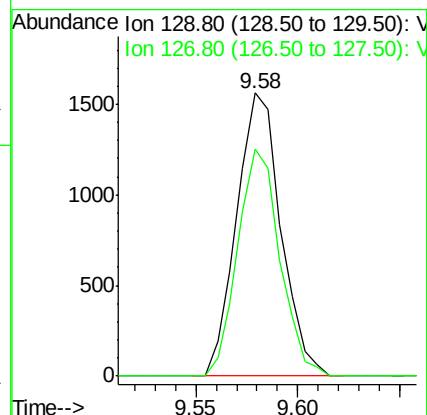
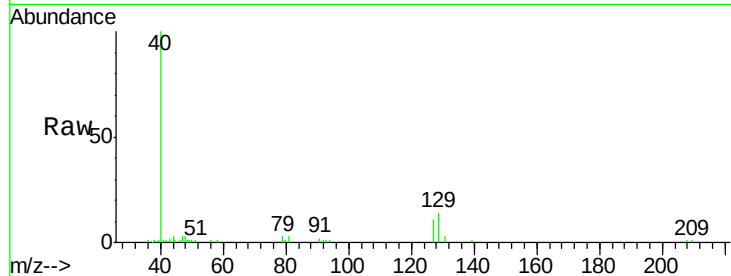
#60
Dibromochloromethane
Concen: 1.015 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.1	114.3

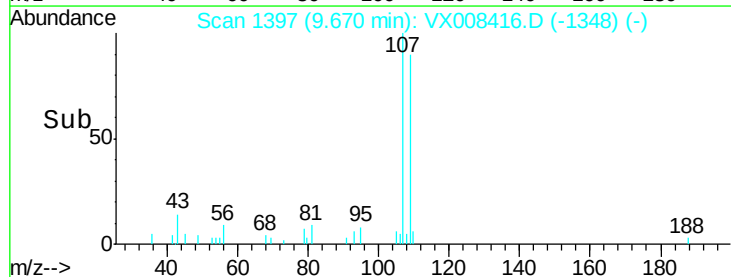
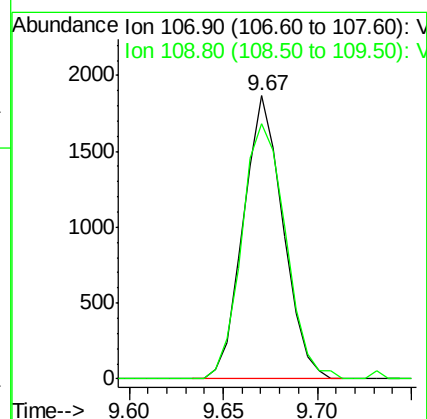
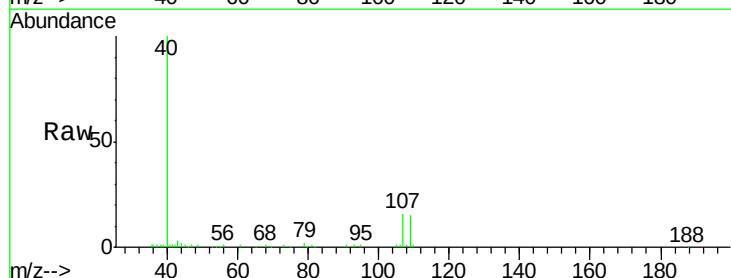
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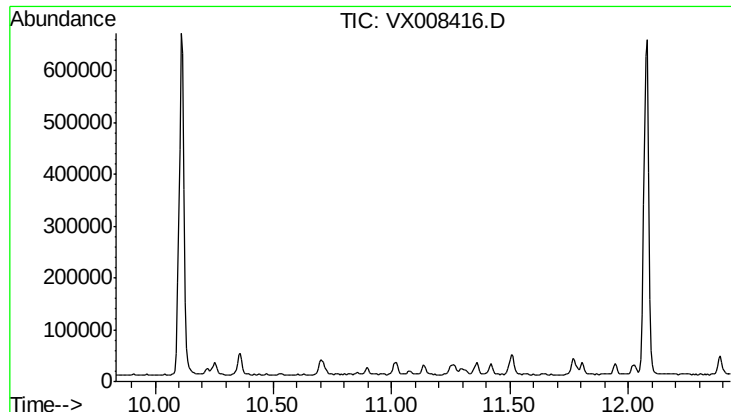
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#61
1,2-Dibromoethane
Concen: 1.080 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
107	100		
109	99.9	74.6	111.8





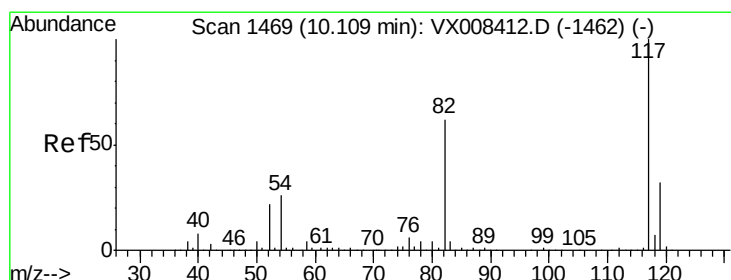
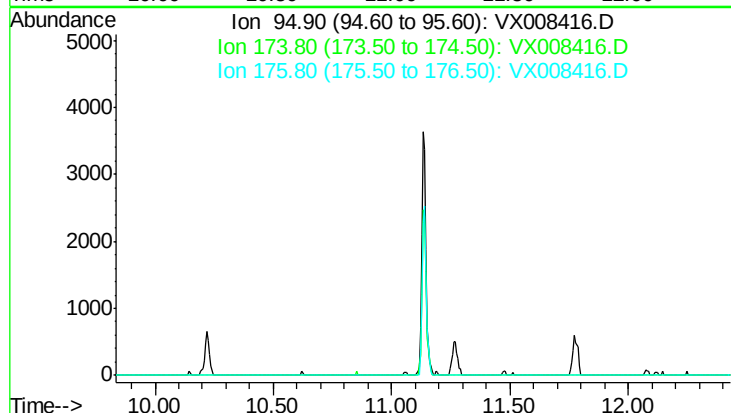
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.13 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 73.6
 176 71.2

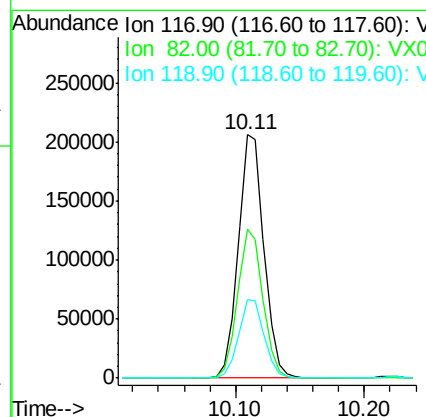
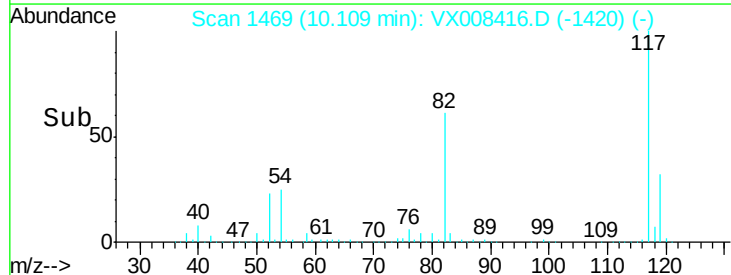
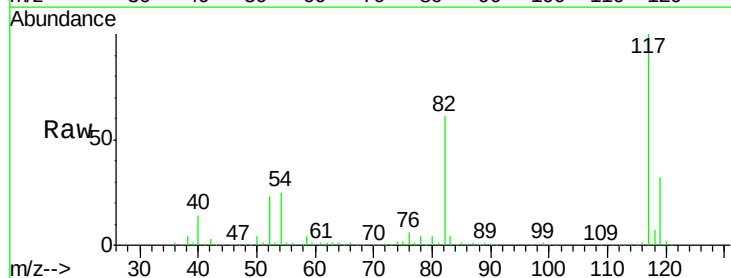
Manual Integrations
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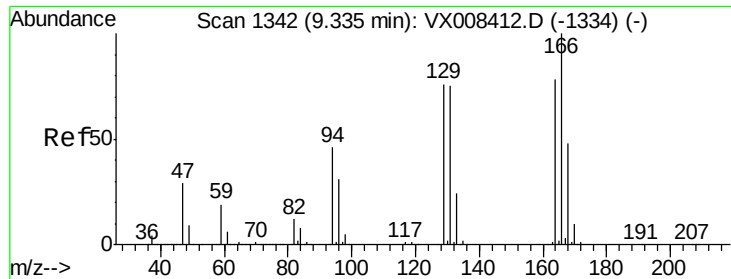
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 117 Resp: 285389
 Ion Ratio Lower Upper
 117 100
 82 61.3 49.4 74.2
 119 32.2 25.4 38.0





#64

Tetrachloroethene

Concen: 1.250 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

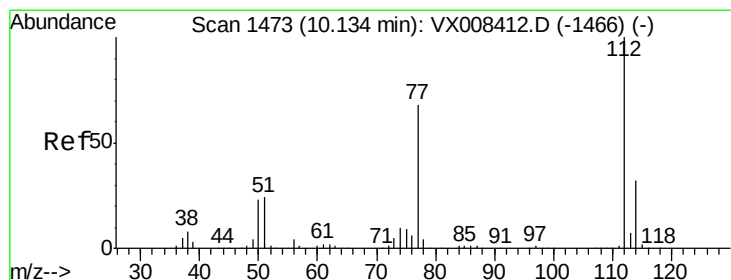
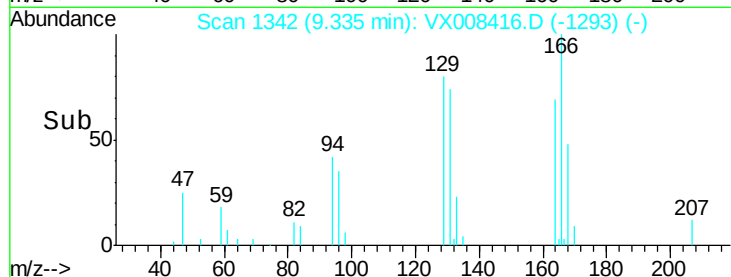
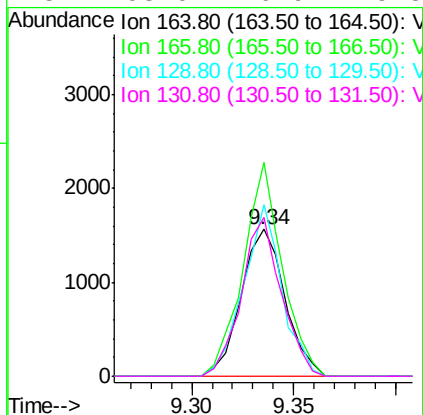
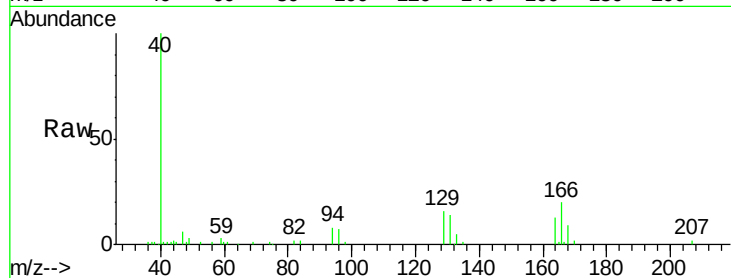
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	2335
Ion	Ratio	Lower	Upper
164	100		
166	145.6	102.5	153.7
129	116.8	77.8	116.8#
131	108.0	76.9	115.3

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#65

Chlorobenzene

Concen: 1.172 ug/l

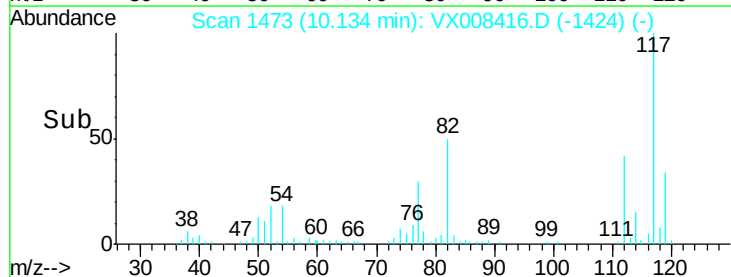
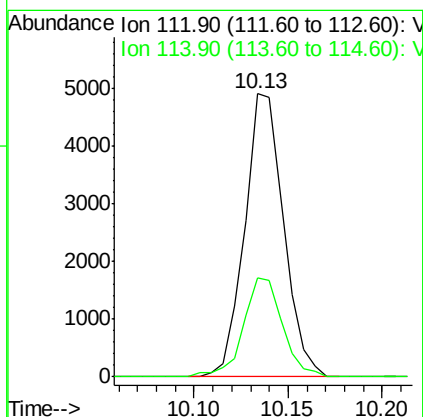
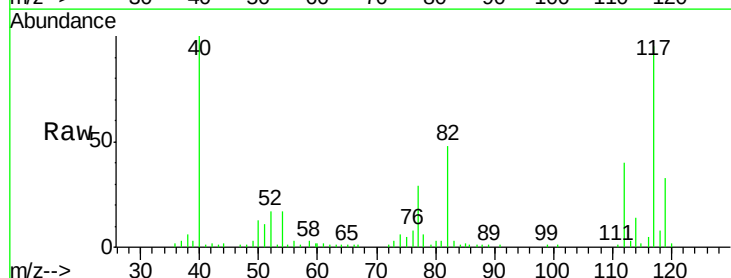
RT: 10.13 min Scan# 1473

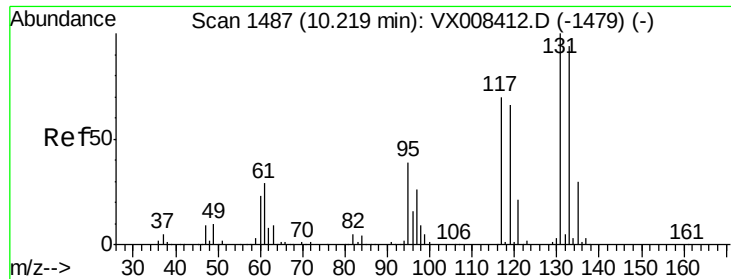
Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	112	Resp:	7033
Ion	Ratio	Lower	Upper
112	100		
114	34.9	25.4	38.2





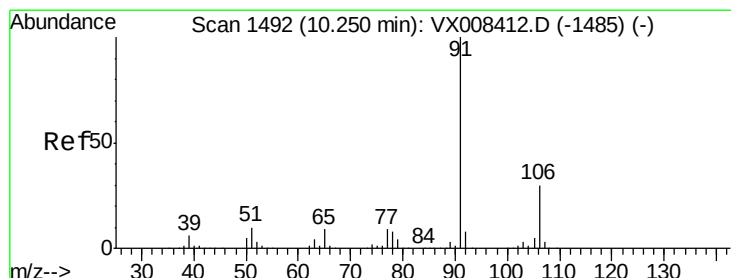
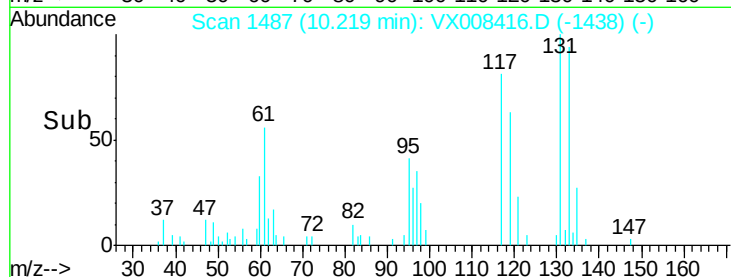
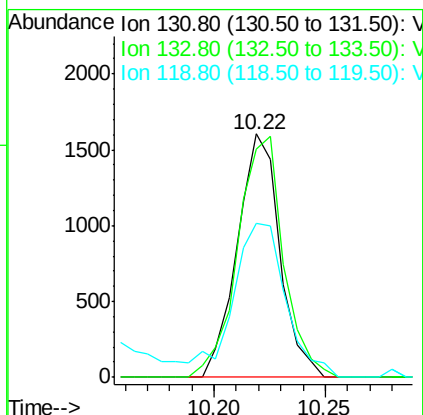
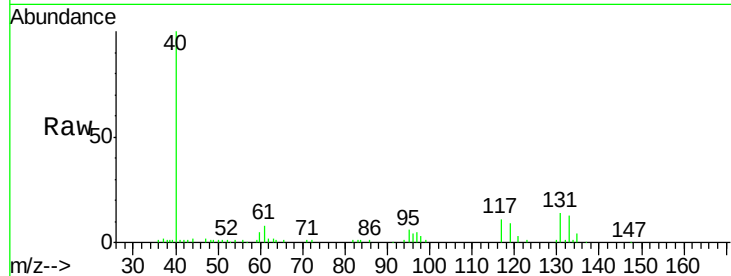
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.027 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	106.4	47.3	141.8
119	0.0	33.6	100.6#

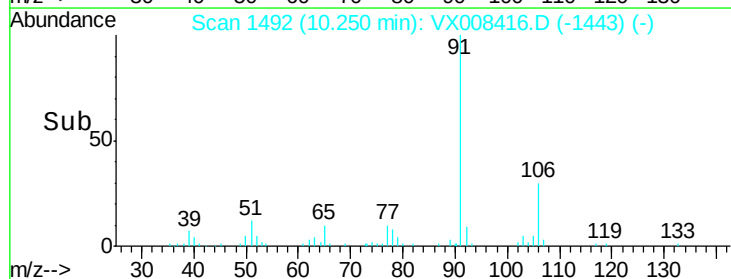
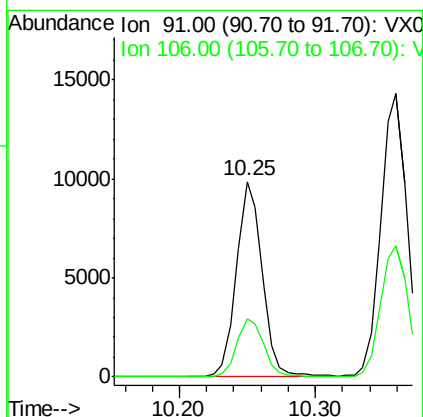
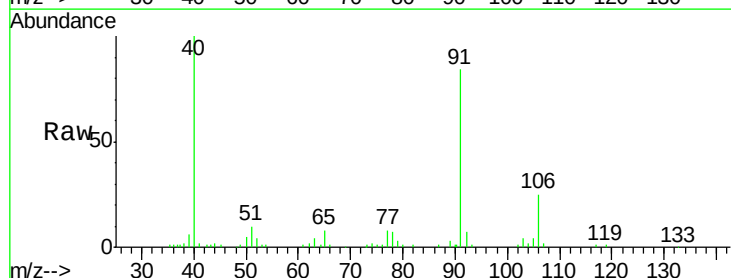
Manual Integrations
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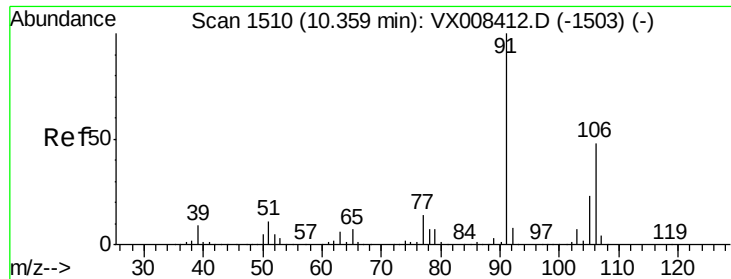
MMDadoda
 3/26/2019 9:46:51 AM



#67
 Ethyl Benzene
 Concen: 1.160 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.0	36.0





#68

m/p-Xylenes

Concen: 2.330 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 9426

Ion Ratio Lower Upper

106 100

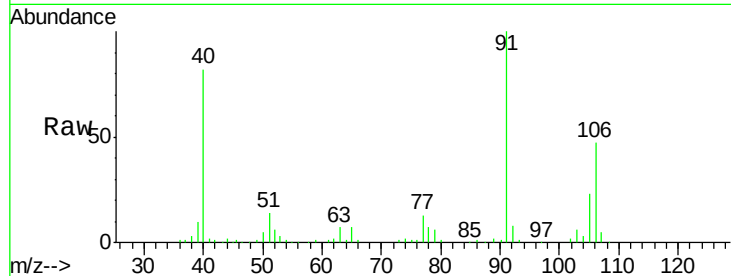
91 207.5 168.6 253.0

Manual Integrations

APPROVED

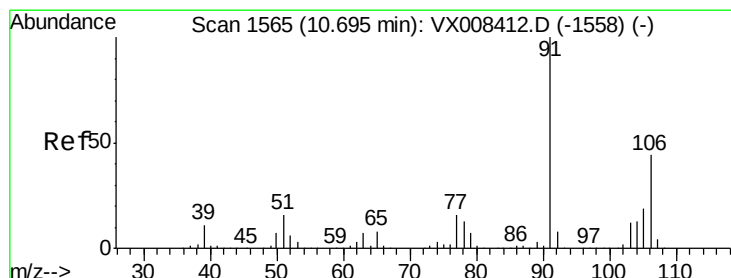
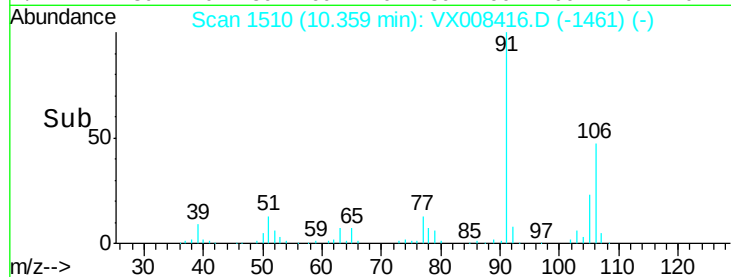
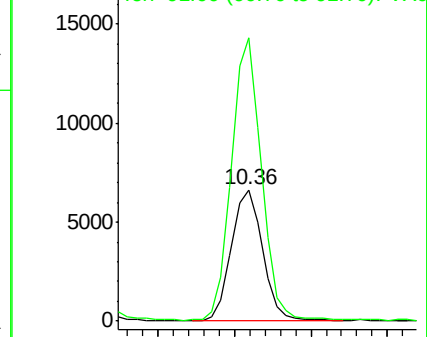
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.112 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX008416.D

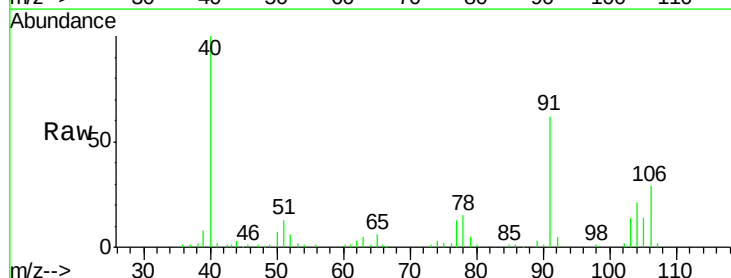
Acq: 25 Mar 2019 16:26

Tgt Ion:106 Resp: 4401

Ion Ratio Lower Upper

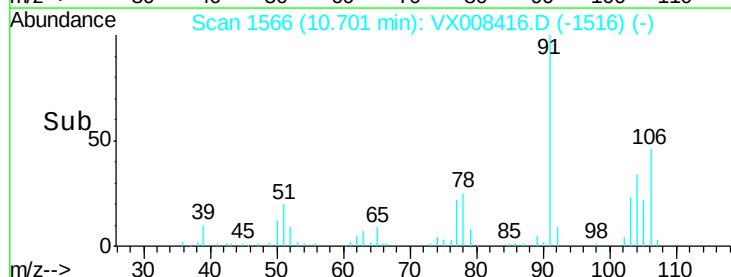
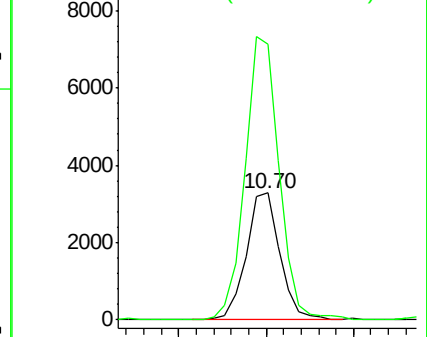
106 100

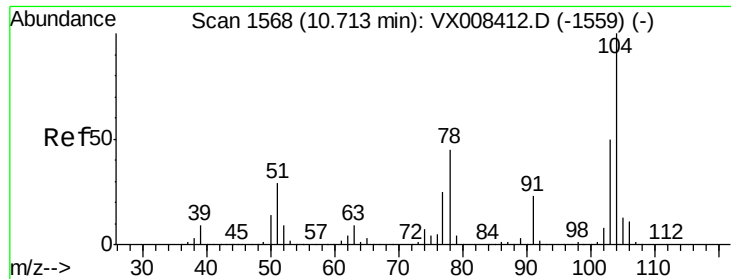
91 224.9 111.4 334.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





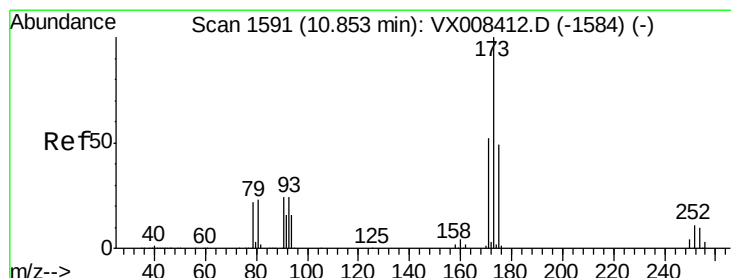
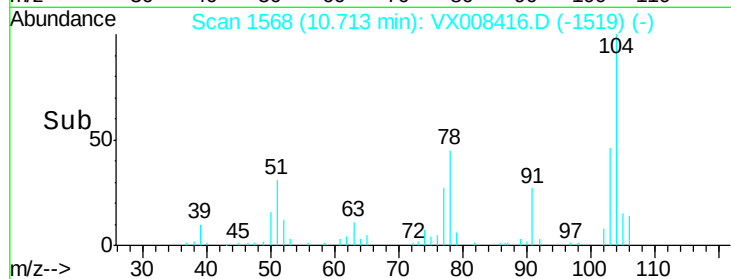
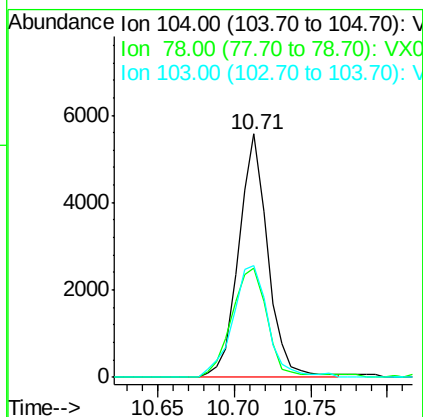
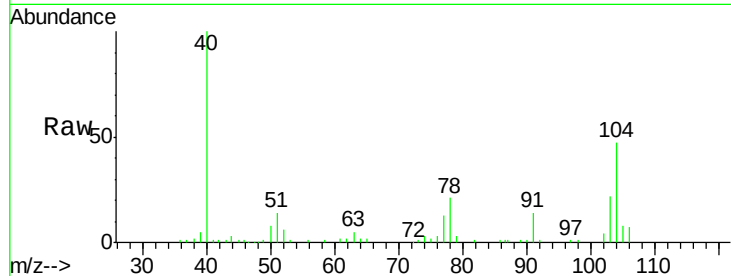
#70
Stvrene
Concen: 1.076 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.7	42.5	63.7
103	55.5	44.2	66.4

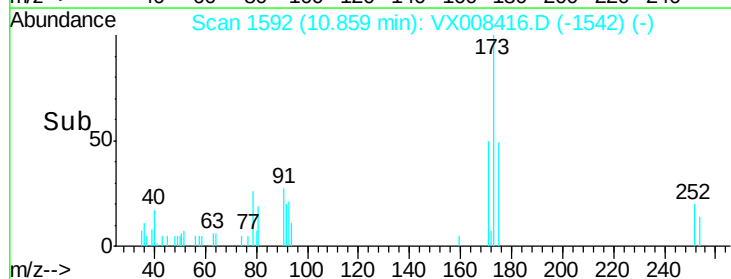
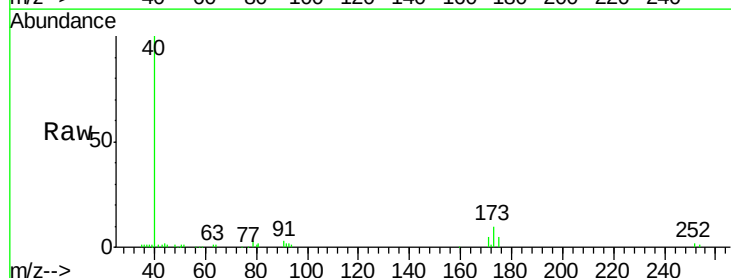
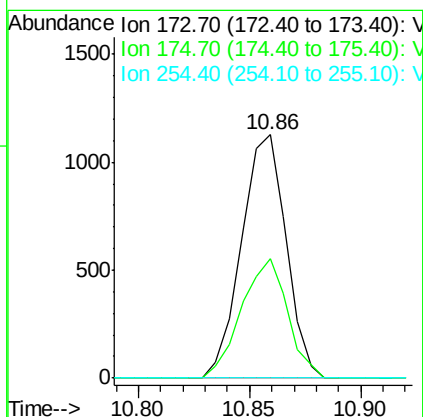
Manual Integrations
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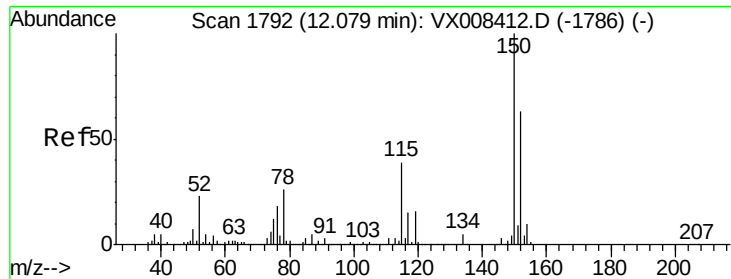
MMDadoda
3/26/2019 9:46:51 AM



#71
Bromoform
Concen: 0.974 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.3	72.8
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

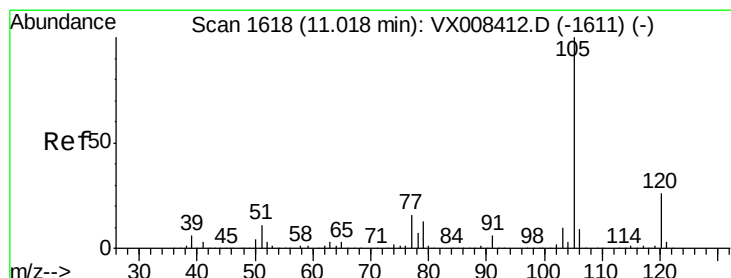
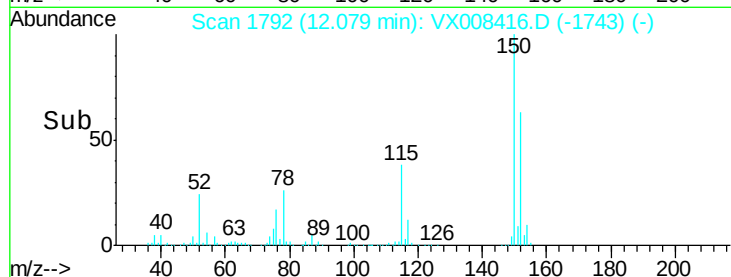
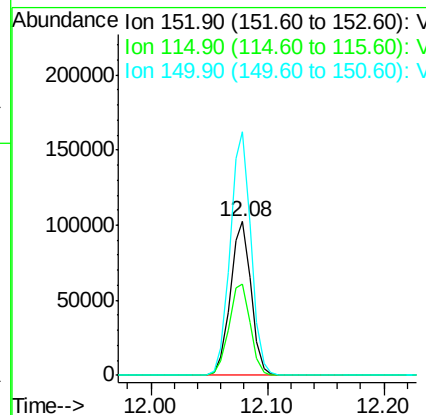
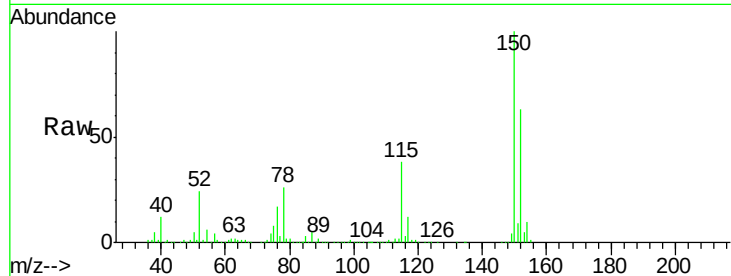
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	125493
Ion Ratio	Lower	Upper	
152	100		
115	61.5	43.5	130.5
150	158.6	0.0	348.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.154 ug/l

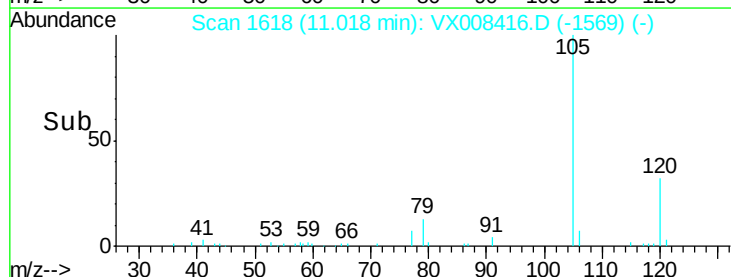
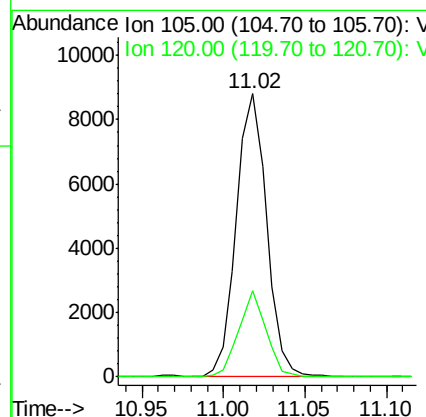
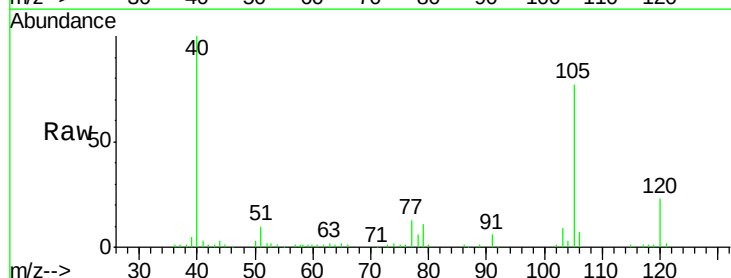
RT: 11.02 min Scan# 1618

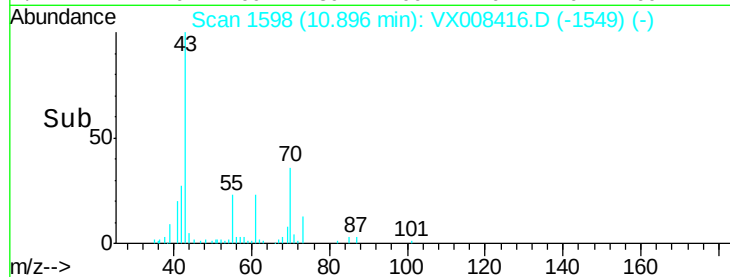
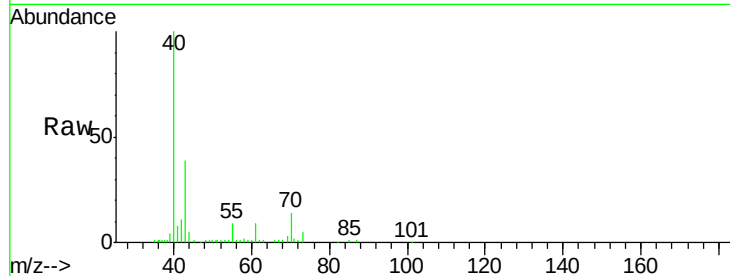
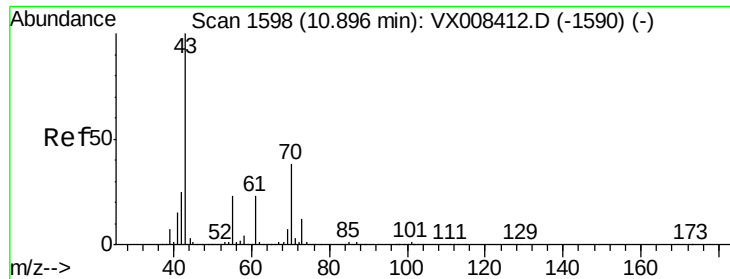
Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	105	Resp:	11434
Ion Ratio	Lower	Upper	
105	100		
120	27.5	12.9	38.7





#74

N-amvl acetate

Concen: 1.010 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

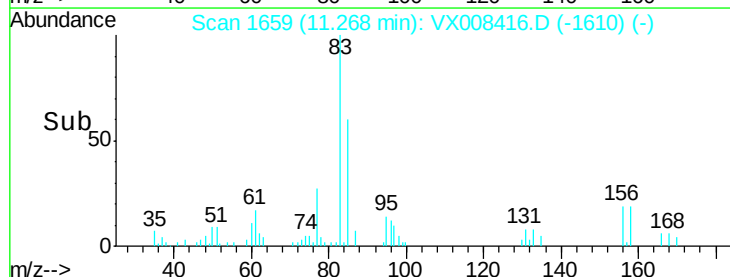
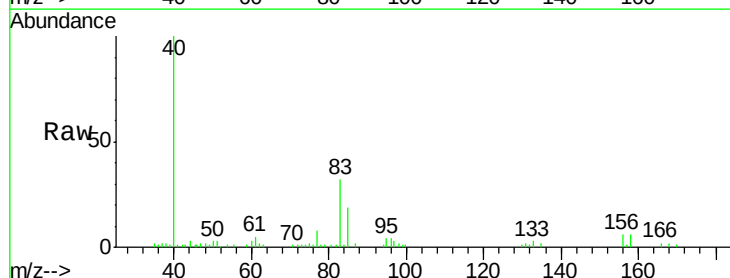
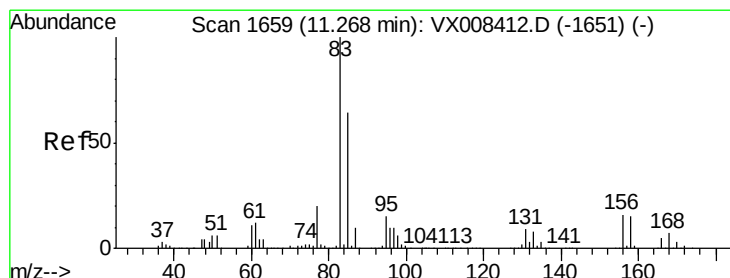
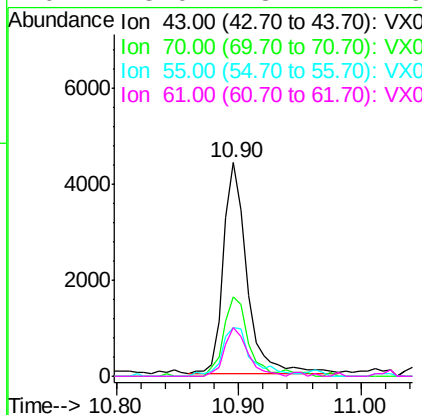
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	5859
Ion	Ratio	Lower	Upper
43	100		
70	38.5	30.5	45.7
55	28.9	18.2	27.2
61	23.0	18.4	27.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.173 ug/l

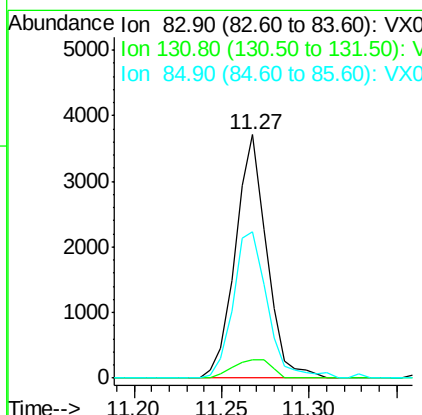
RT: 11.27 min Scan# 1659

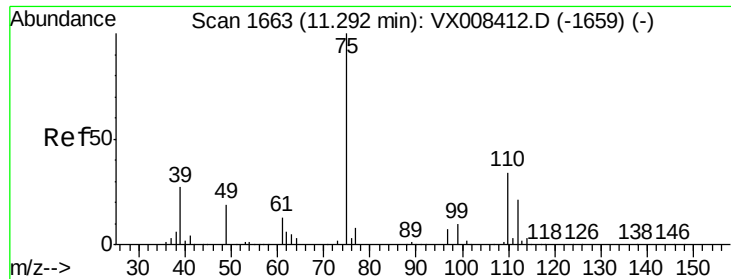
Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	83	Resp:	4619
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.5	13.4
85	65.8	31.9	95.9





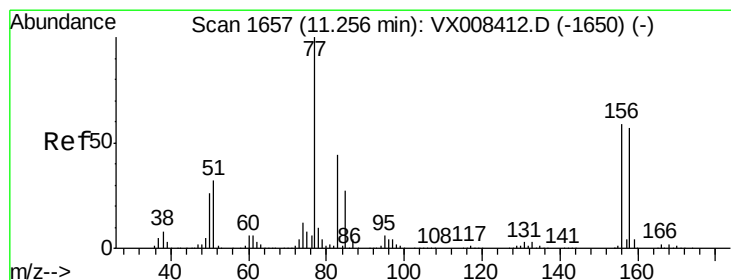
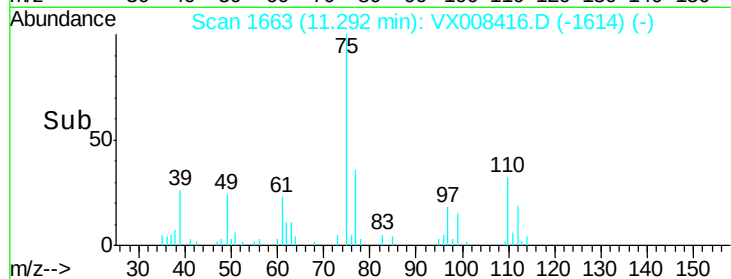
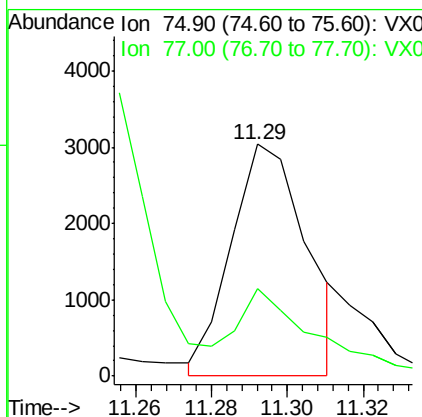
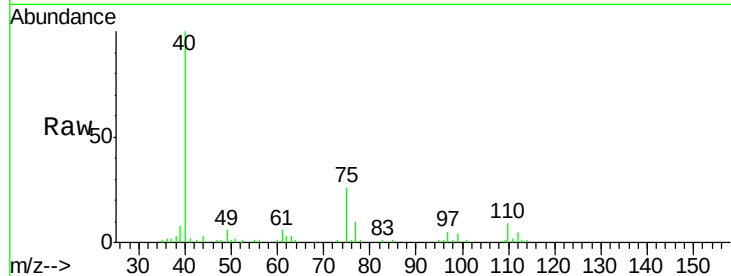
#76
 1,2,3-Trichloropropane
 Concen: 1.281 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 4210
 Ion Ratio Lower Upper
 75 100
 77 39.4 21.9 65.7

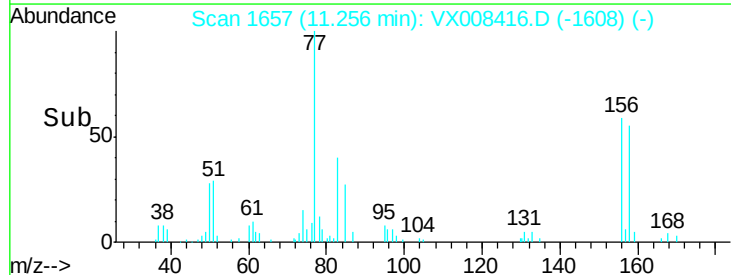
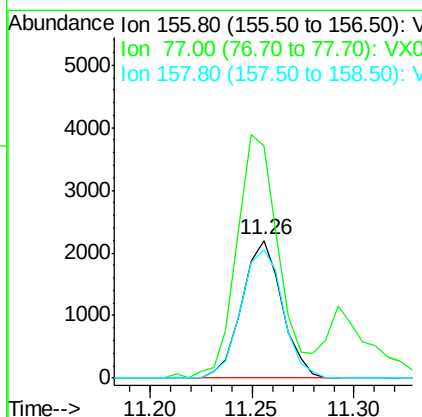
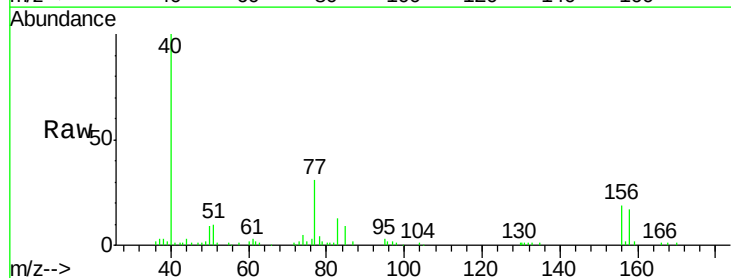
Manual Integrations
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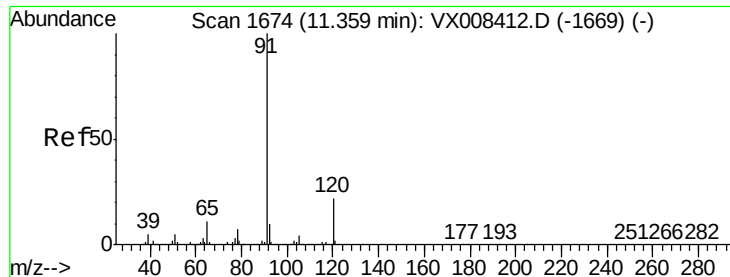
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#77
 Bromobenzene
 Concen: 1.274 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 156 Resp: 2996
 Ion Ratio Lower Upper
 156 100
 77 185.6 91.1 273.3
 158 97.7 48.3 144.8





#78

n-propylbenzene

Concen: 1.131 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 13125

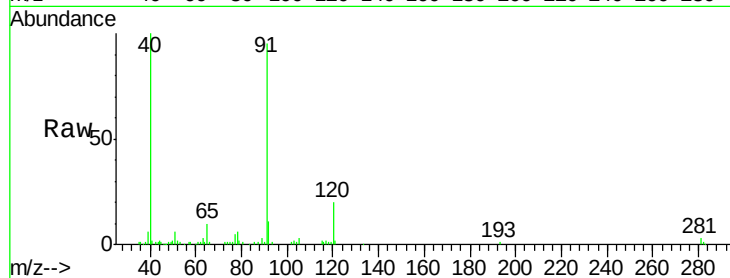
Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.4

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

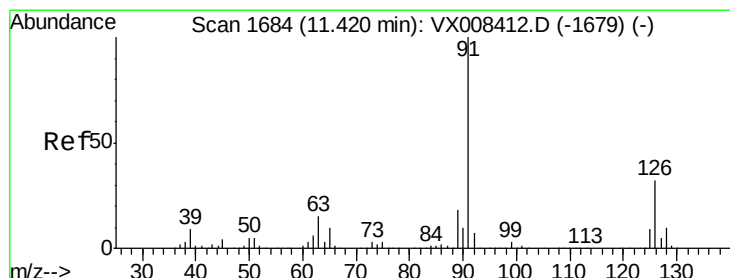
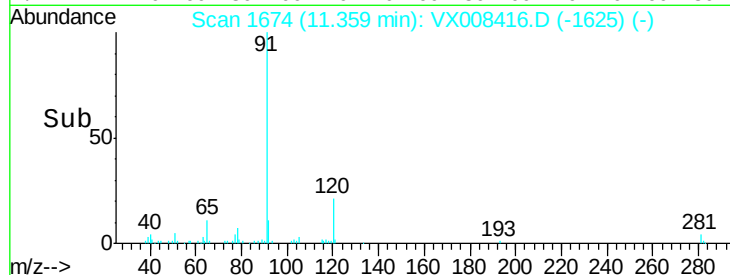
6000

4000

2000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 1.202 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008416.D

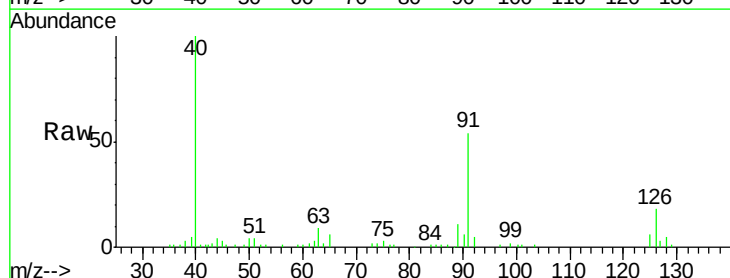
Acq: 25 Mar 2019 16:26

Tgt Ion: 91 Resp: 8522

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

12000

10000

8000

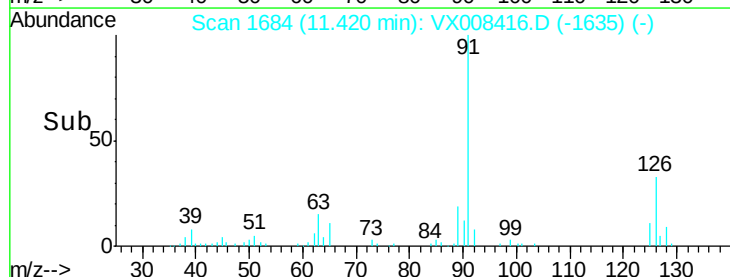
6000

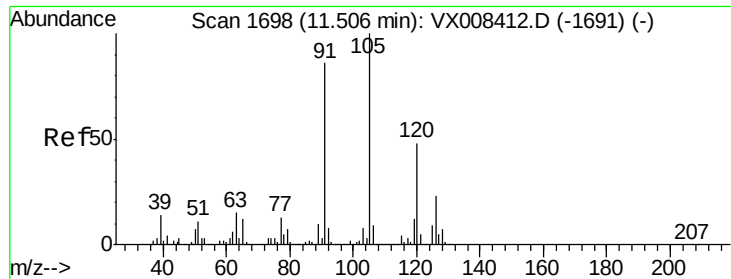
4000

2000

0

Time--> 11.40 11.45





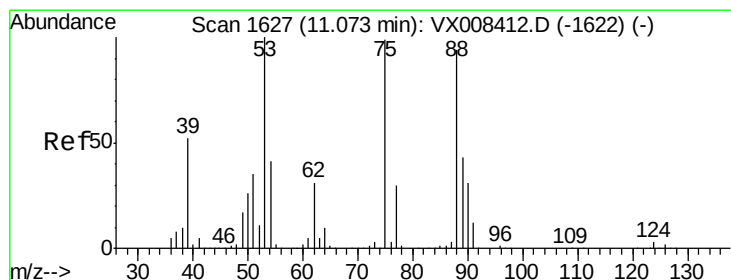
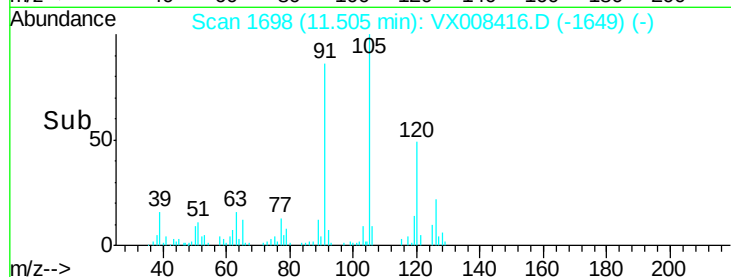
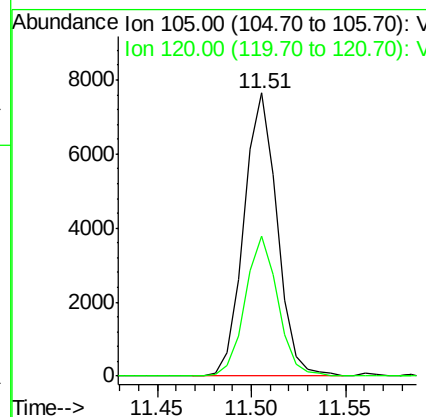
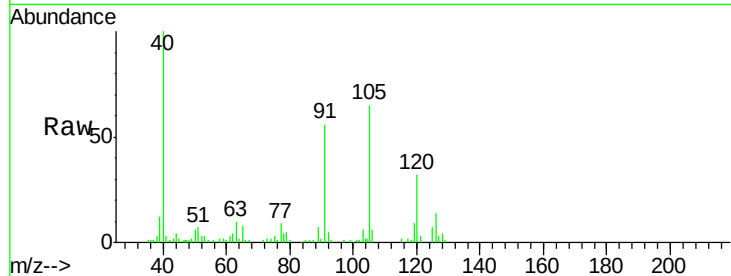
#80
 1,3,5-Trimethylbenzene
 Concen: 1.108 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 9343
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.4 70.3

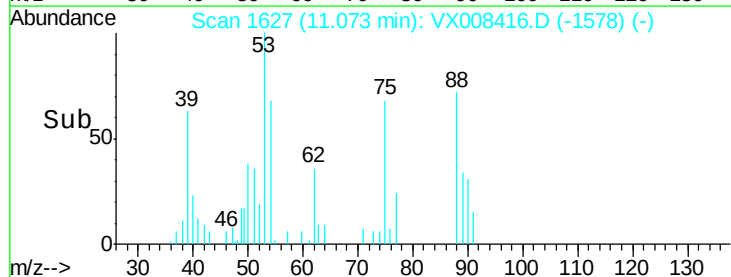
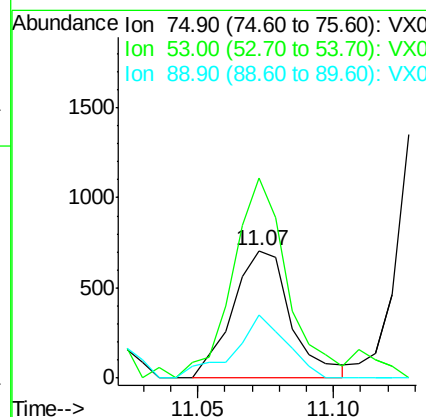
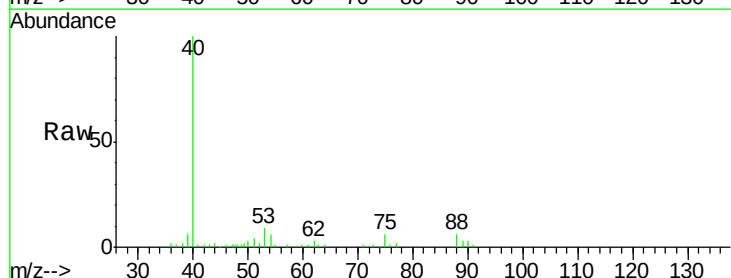
Manual Integrations
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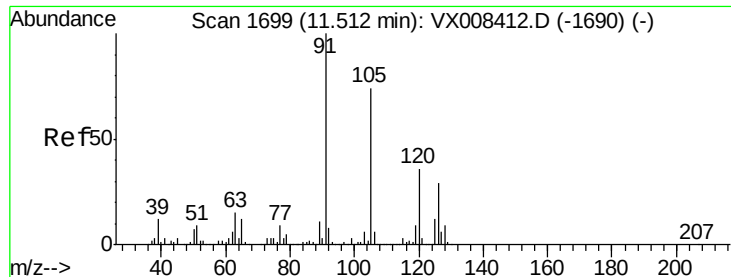
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.916 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 75 Resp: 1053
 Ion Ratio Lower Upper
 75 100
 53 146.1 82.1 123.1#
 89 44.0 34.6 52.0





#82

4-Chlorotoluene

Concen: 1.186 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 9667

Ion Ratio Lower Upper

91 100

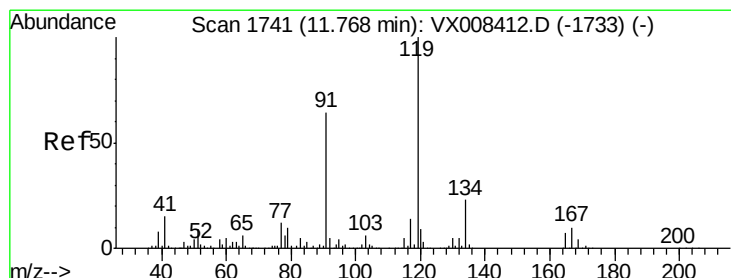
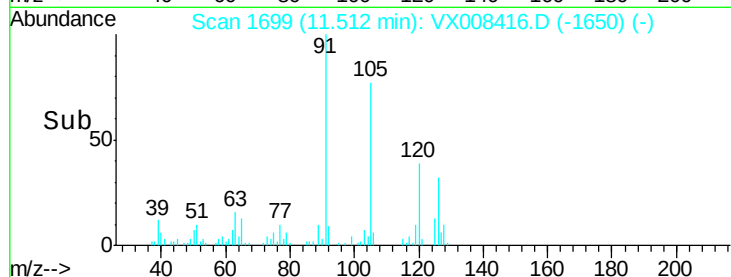
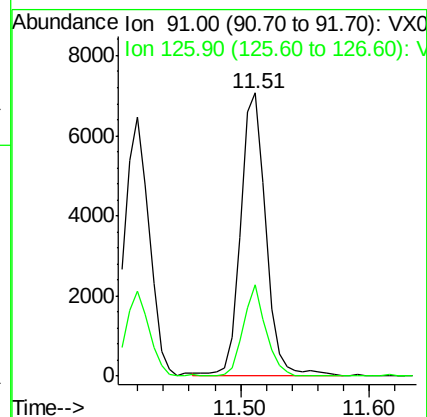
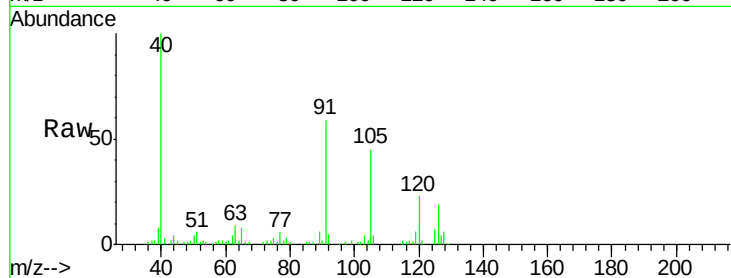
126 28.8 13.9 41.7

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#83

tert-Butylbenzene

Concen: 1.105 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

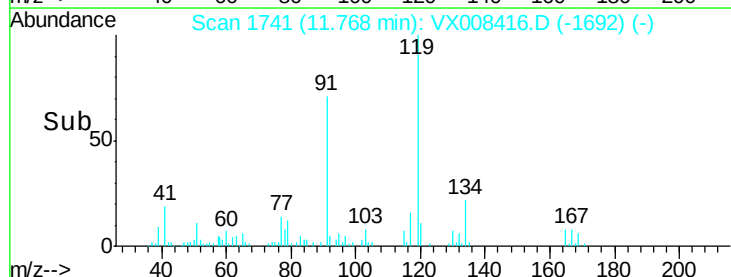
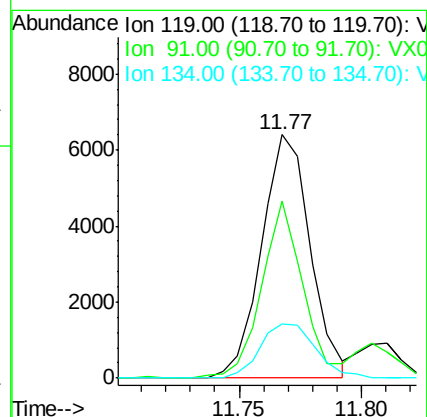
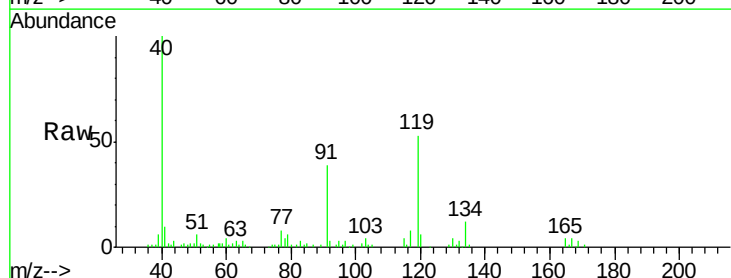
Tgt Ion: 119 Resp: 8851

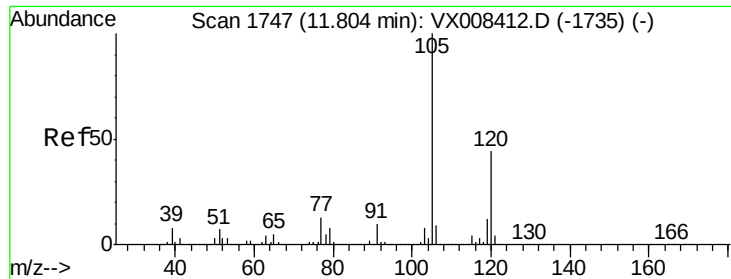
Ion Ratio Lower Upper

119 100

91 61.5 30.1 90.3

134 25.3 10.9 32.9





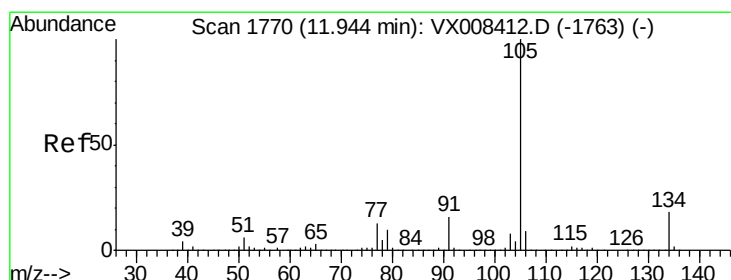
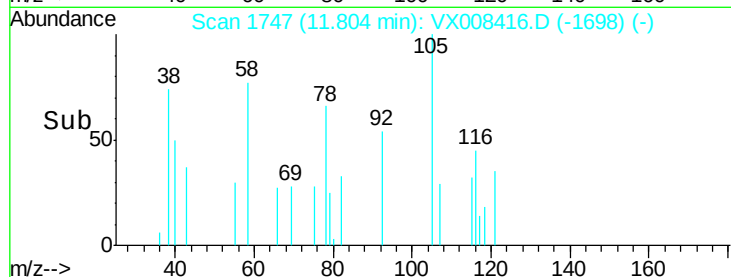
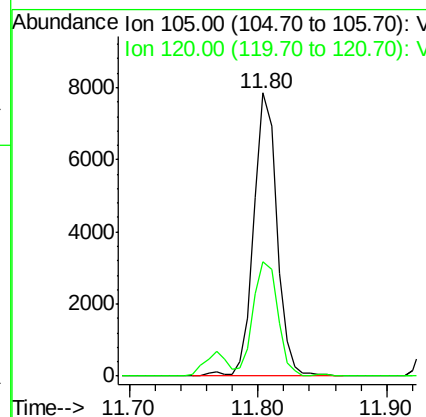
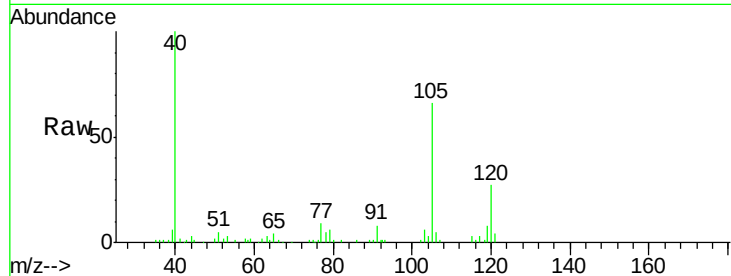
#84
 1,2,4-Trimethylbenzene
 Concen: 1.149 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 9674
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.6 65.0

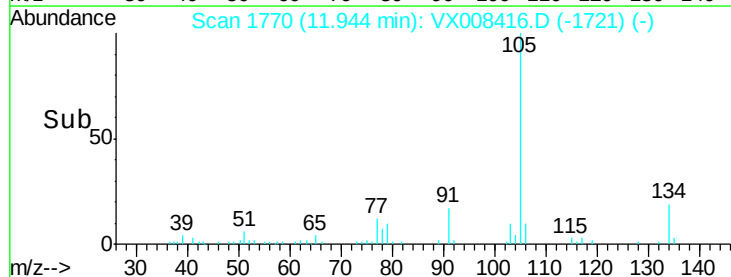
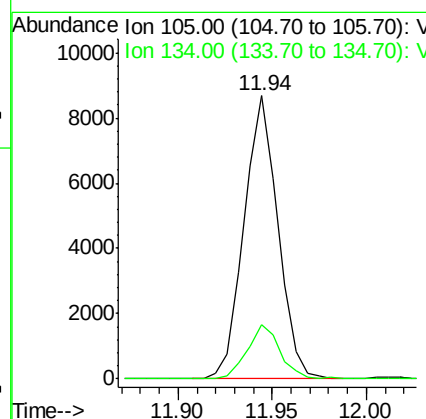
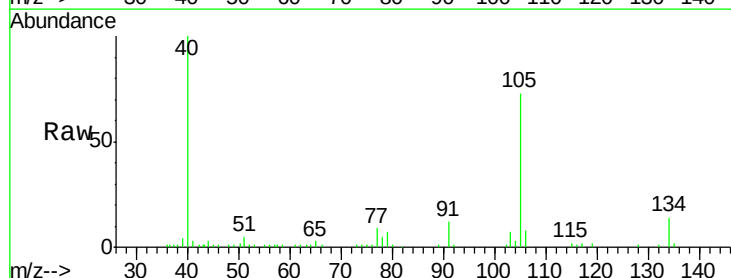
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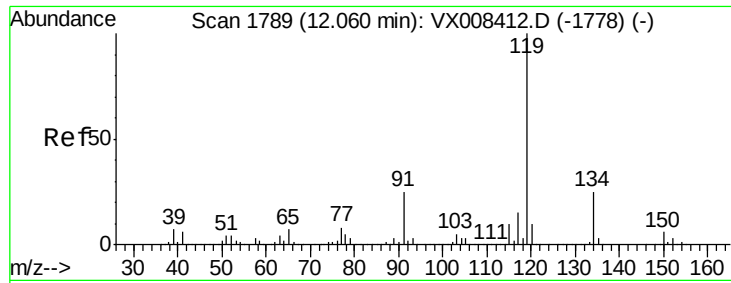
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#85
 sec-Butylbenzene
 Concen: 1.121 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion:105 Resp: 10796
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0





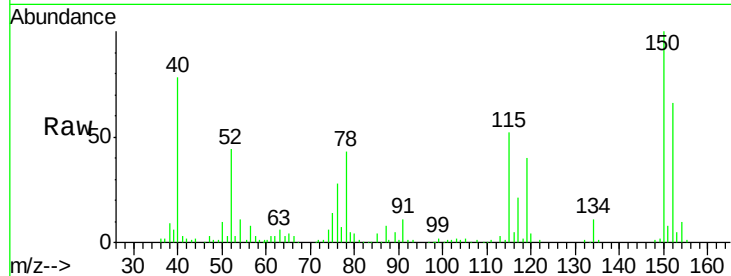
#86
 p-Isopropyltoluene
 Concen: 1.070 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

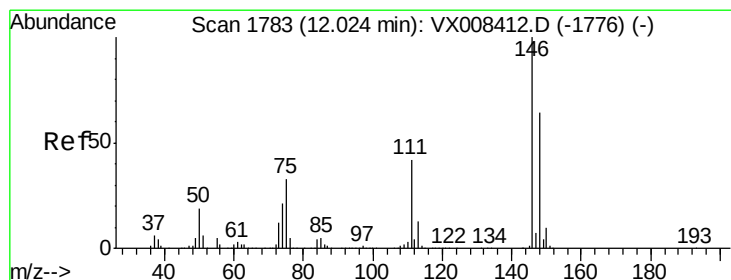
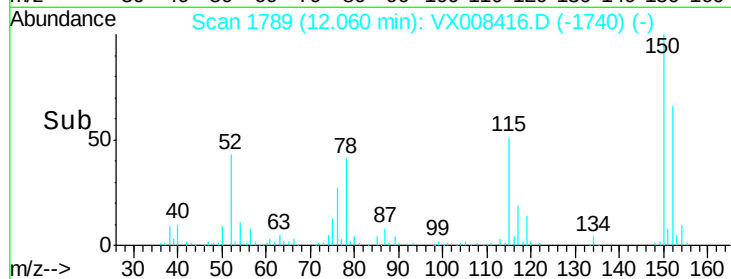
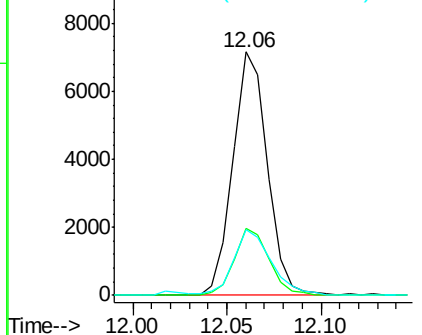
Tot Ion:	119	Resp:	9081
Ion Ratio	Lower	Upper	
119	100		
134	27.5	12.8	38.4
91	29.6	12.4	37.0

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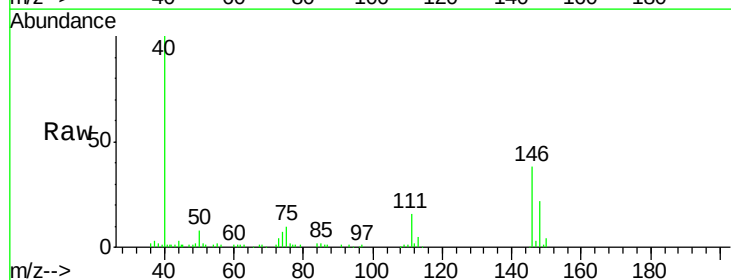


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

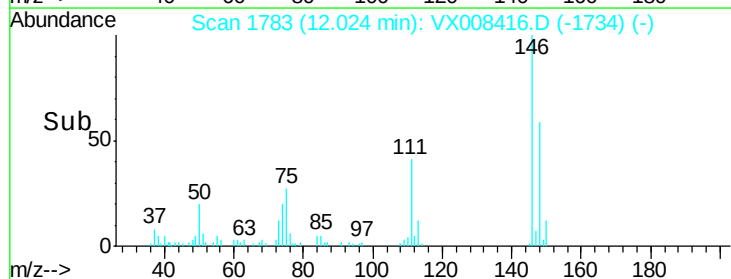
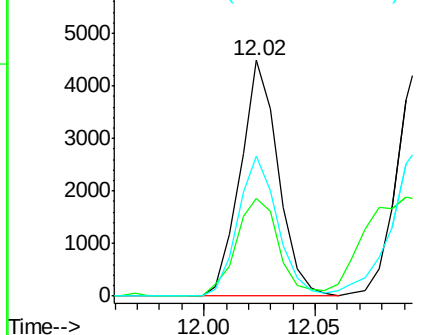


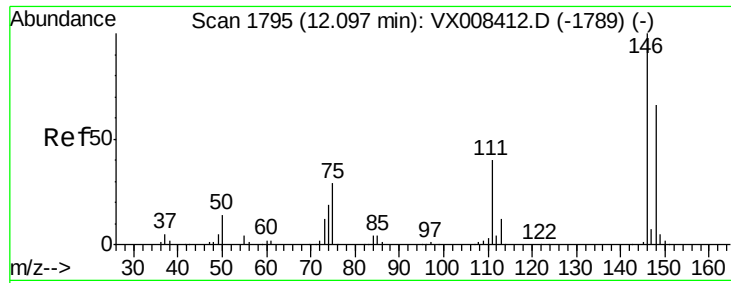
#87
 1,3-Dichlorobenzene
 Concen: 1.261 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion:	146	Resp:	5323
Ion Ratio	Lower	Upper	
146	100		
111	47.0	20.8	62.5
148	62.0	32.0	96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





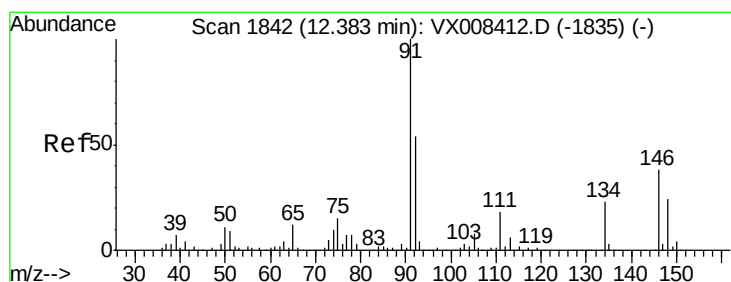
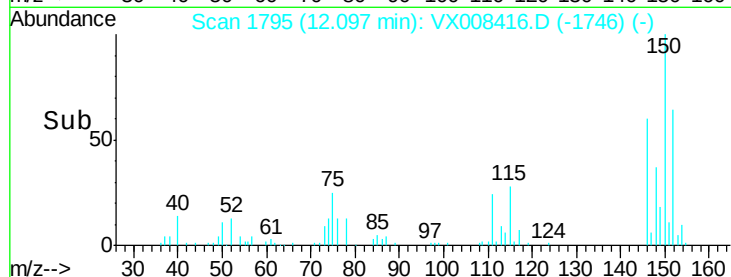
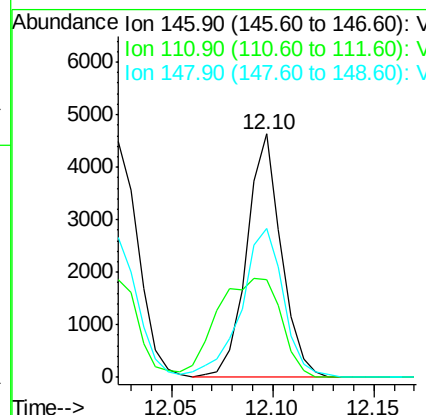
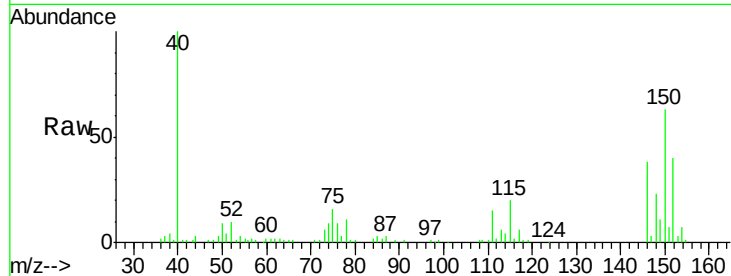
#88
 1,4-Dichlorobenzene
 Concen: 1.287 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	20.3	61.0
148	59.7	32.1	96.5

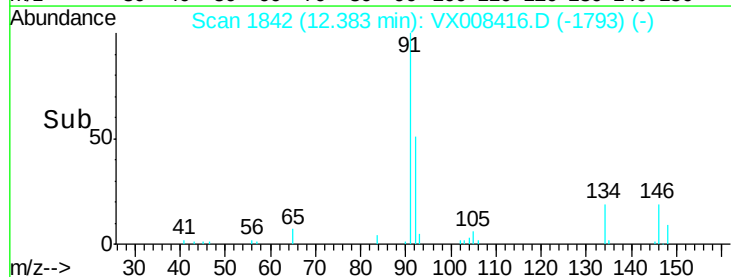
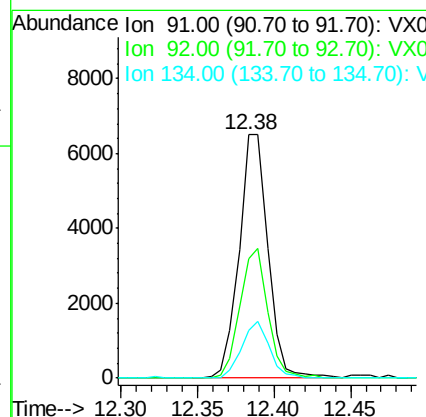
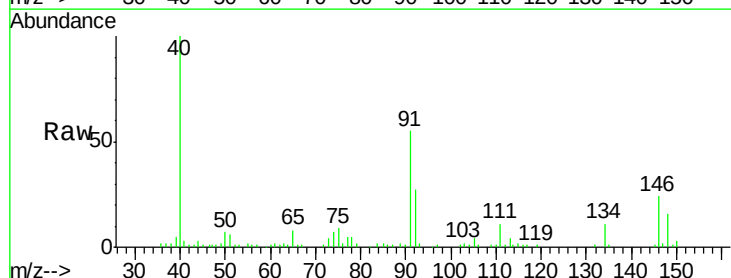
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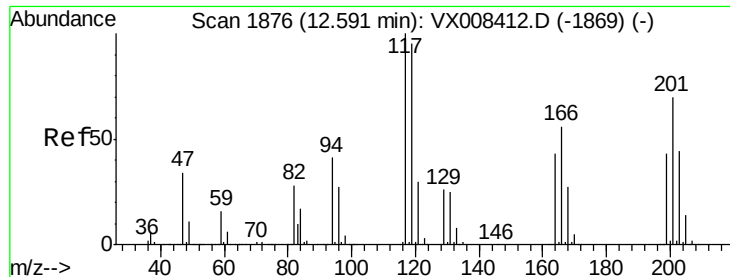
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#89
 n-Butylbenzene
 Concen: 1.056 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.5	79.5
134	22.1	11.8	35.4





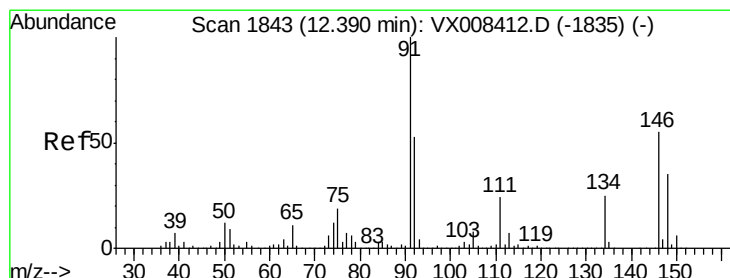
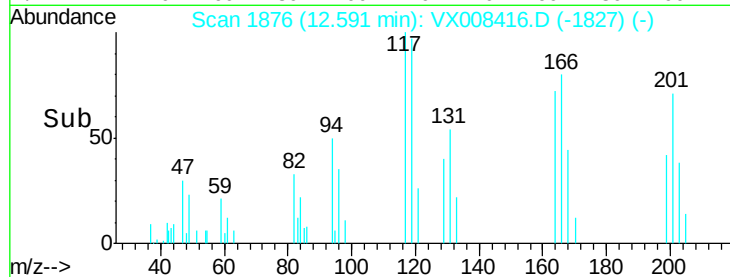
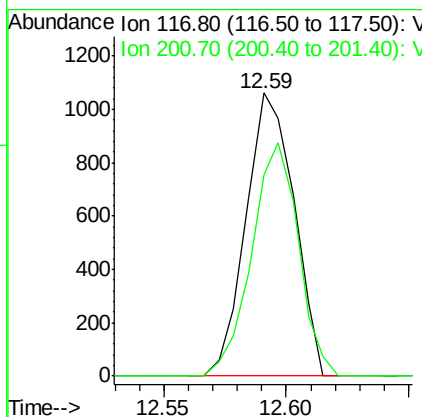
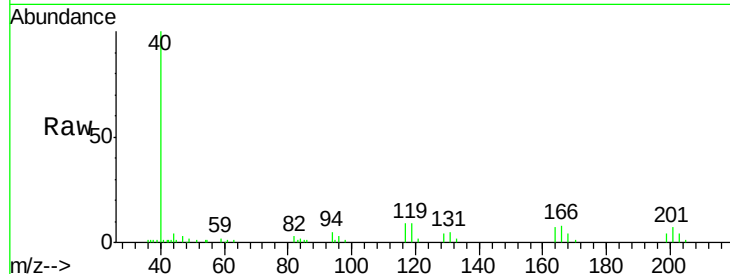
#90
 Hexachloroethane
 Concen: 1.030 ug/l
 RT: 12.59 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
201	80.2	39.4	118.1

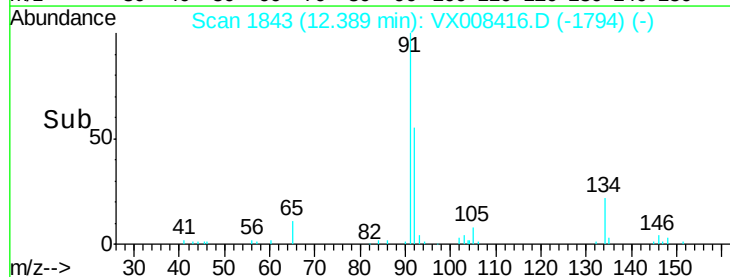
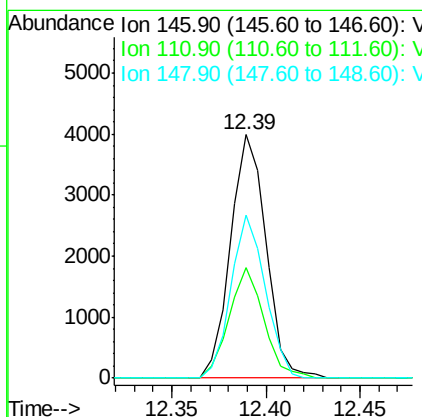
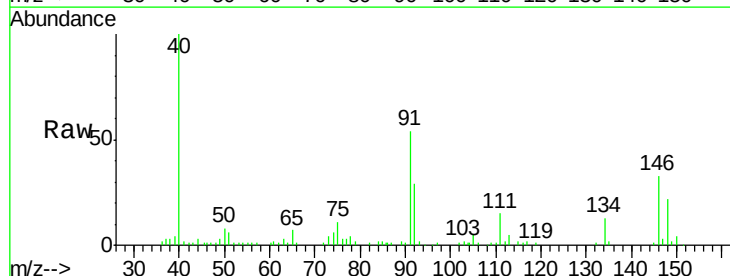
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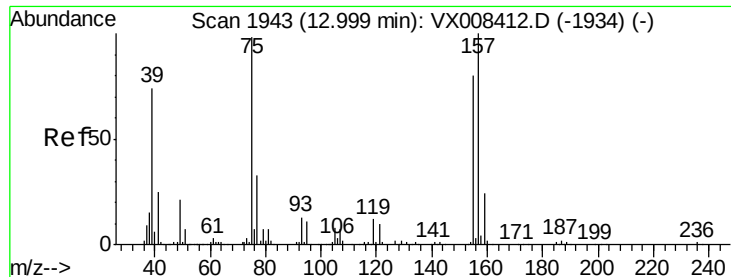
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#91
 1,2-Dichlorobenzene
 Concen: 1.220 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.6	64.6
148	64.7	31.9	95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.216 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

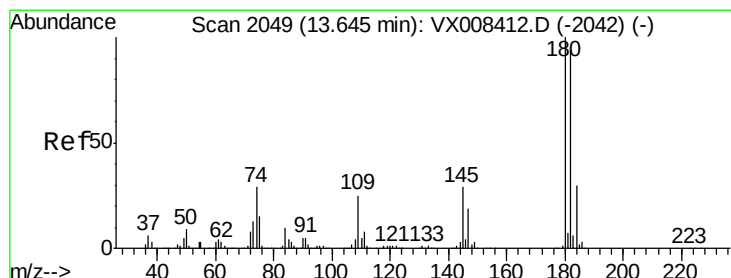
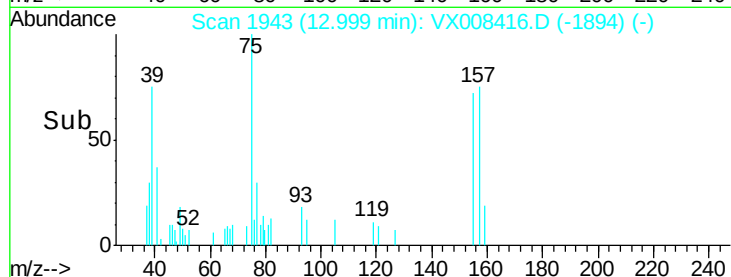
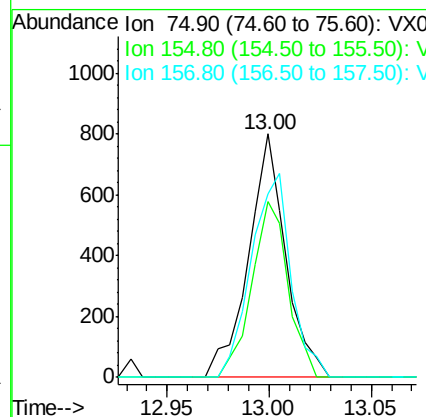
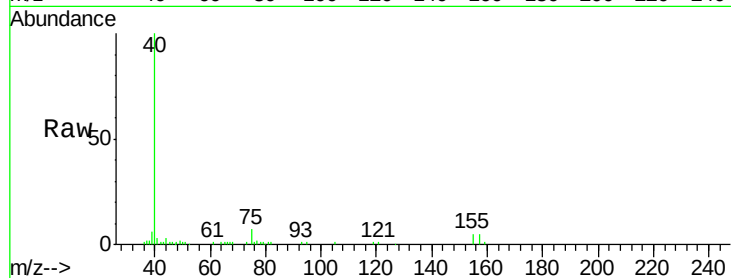
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	1018
Ion	Ratio	Lower	Upper
75	100		
155	70.1	39.5	118.5
157	89.0	49.9	149.7

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#93

1,2,4-Trichlorobenzene

Concen: 1.203 ug/l

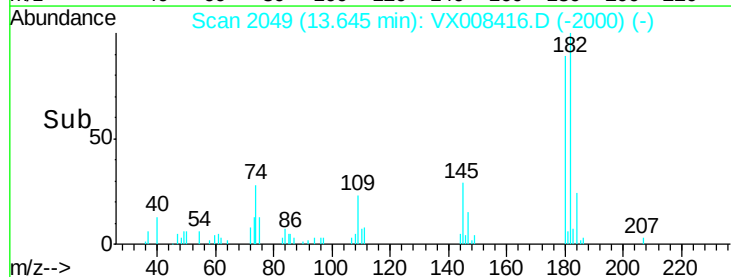
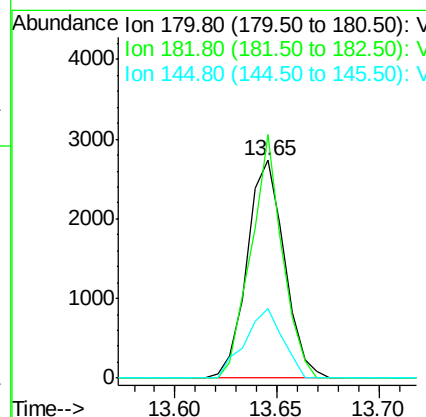
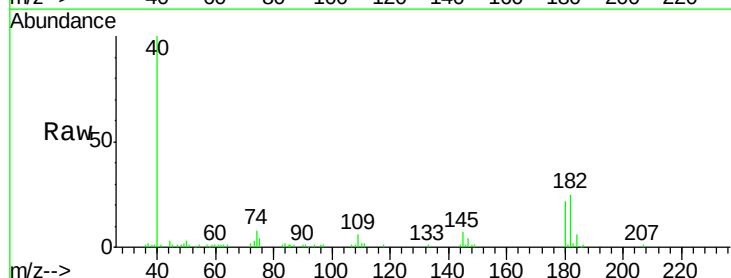
RT: 13.65 min Scan# 2049

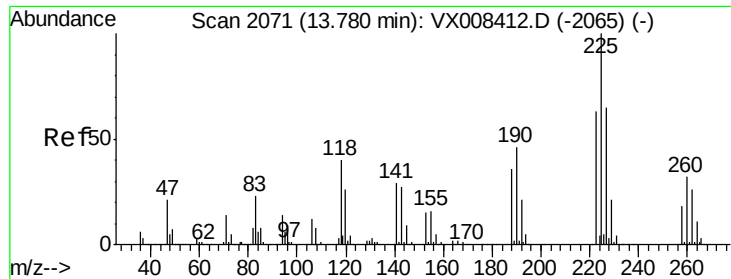
Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	180	Resp:	3483
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	32.3	15.3	45.8





#94

Hexachlorobutadiene

Concen: 1.140 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

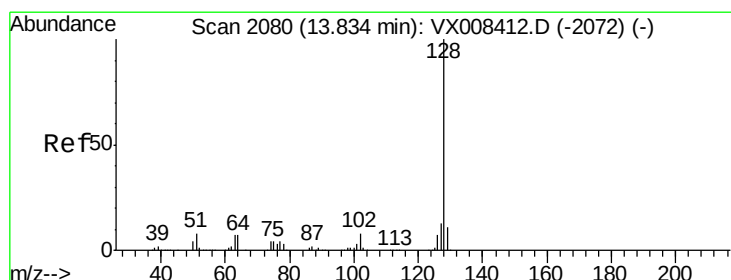
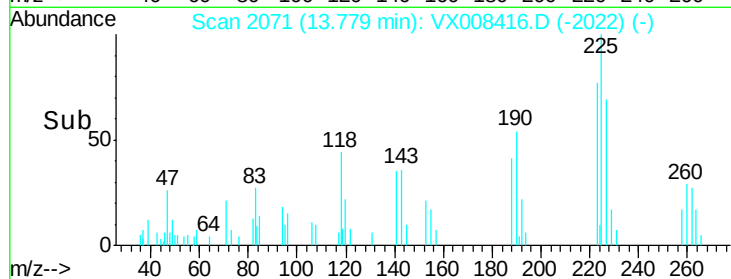
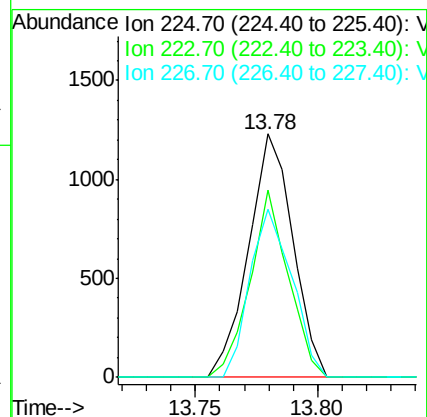
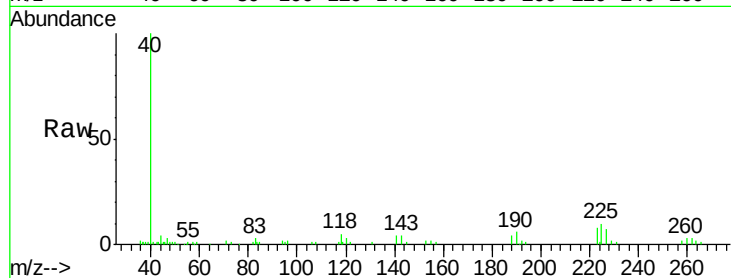
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	1559
Ion Ratio	Lower	Upper	
225	100		
223	66.5	31.4	94.0
227	65.4	31.9	95.9

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#95

Naphthalene

Concen: 1.159 ug/l

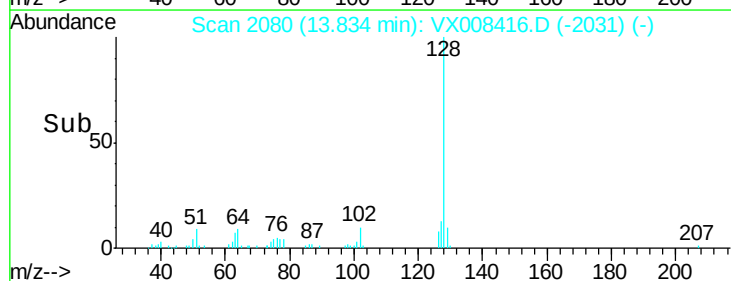
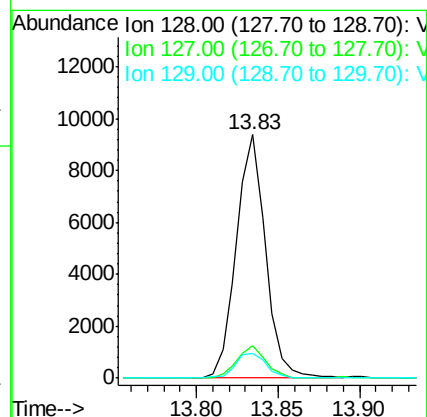
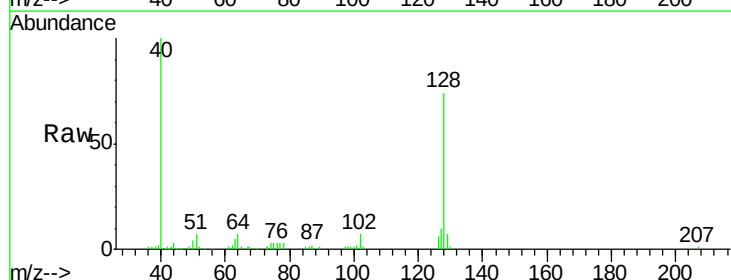
RT: 13.83 min Scan# 2080

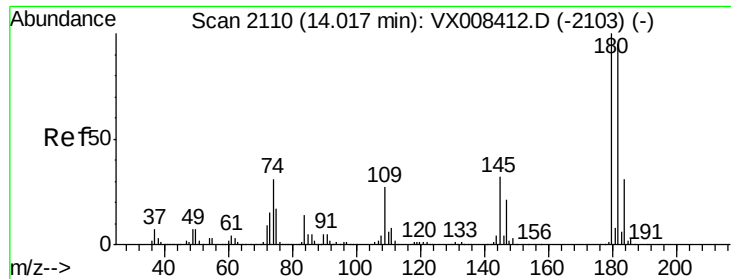
Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion:	128	Resp:	11697
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.191 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	142.0
145	36.6	16.2	48.5

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