

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008409.D
 Acq On : 25 Mar 2019 13:44
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:46:21 AM

Quant Time: Mar 26 04:48:06 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	213152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	358976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140679	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	5318	1.65	ug/l	0.00
Spiked Amount			Recovery	=	3.30%	
35) Dibromofluoromethane	5.49	113	3627	1.56	ug/l	0.00
Spiked Amount			Recovery	=	3.12%	
50) Toluene-d8	8.71	98	12182	1.32	ug/l	0.00
Spiked Amount			Recovery	=	2.64%	
62) 4-Bromofluorobenzene	11.13	95	3897	1.14	ug/l	0.00
Spiked Amount			Recovery	=	2.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	3613	1.505	ug/l	91
3) Chloromethane	1.32	50	5363	1.515	ug/l	98
4) Vinyl Chloride	1.40	62	4744	1.366	ug/l	92
5) Bromomethane	1.64	94	3296	1.548	ug/l	99
6) Chloroethane	1.73	64	3144	1.528	ug/l	93
7) Trichlorofluoromethane	1.93	101	5558	1.412	ug/l	98
8) Diethyl Ether	2.18	74	2773	1.467	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3592	1.535	ug/l	97
10) Methyl Iodide	2.51	142	2484	0.880	ug/l	98
11) Tert butyl alcohol	3.03	59	5011	6.926	ug/l #	84
12) 1,1-Dichloroethene	2.37	96	3662	1.511	ug/l #	90
13) Acrolein	2.29	56	5316	9.022	ug/l	93
14) Allyl chloride	2.73	41	7321	1.370	ug/l	96
15) Acrylonitrile	3.14	53	12082	6.561	ug/l	93
16) Acetone	2.44	43	12084	7.442	ug/l	97
17) Carbon Disulfide	2.57	76	12750	1.650	ug/l	98
18) Methyl Acetate	2.77	43	5518	1.367	ug/l	93
19) Methyl tert-butyl Ether	3.19	73	11571	1.327	ug/l	93
20) Methylene Chloride	2.85	84	4713	1.612	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	3977	1.521	ug/l	98
22) Diisopropyl ether	3.85	45	13872	1.331	ug/l #	85
23) Vinyl Acetate	3.81	43	58576	6.374	ug/l	98
24) 1,1-Dichloroethane	3.69	63	7718	1.454	ug/l	99
25) 2-Butanone	4.67	43	17202	6.465	ug/l	98
26) 2,2-Dichloropropane	4.57	77	4925	1.430	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	4329	1.445	ug/l	99
28) Bromochloromethane	5.01	49	3701	1.417	ug/l #	96
29) Tetrahydrofuran	5.13	42	11805	6.715	ug/l	97
30) Chloroform	5.20	83	6875	1.436	ug/l	93
31) Cyclohexane	5.58	56	7321	1.441	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	5235	1.379	ug/l #	52
36) 1,1-Dichloropropene	5.80	75	5525	1.509	ug/l	96
37) Ethyl Acetate	4.84	43	6542	1.325	ug/l #	88
38) Carbon Tetrachloride	5.78	117	4487	1.426	ug/l	92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	6595	1.468	ug/l	96
40) Benzene	6.14	78	16216	1.452	ug/l	99
41) Methacrylonitrile	5.04	41	3588	1.331	ug/l #	89
42) 1,2-Dichloroethane	6.19	62	6051	1.493	ug/l	98
43) Isopropyl Acetate	6.45	43	10576	1.372	ug/l	98
44) Trichloroethene	7.21	130	3718	1.433	ug/l	92
45) 1,2-Dichloropropane	7.51	63	4797	1.517	ug/l	97
46) Dibromomethane	7.66	93	2753	1.470	ug/l	93
47) Bromodichloromethane	7.90	83	4744	1.326	ug/l	99
48) Methyl methacrylate	7.77	41	4718	1.209	ug/l	95
49) 1,4-Dioxane	7.74	88	2150	27.294	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	31916	6.286	ug/l	99
52) Toluene	8.78	92	9638	1.468	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	4561	1.183	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	5208	1.196	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	3940	1.445	ug/l	93
56) Ethyl methacrylate	9.18	69	5914	1.224	ug/l	99
57) 1,3-Dichloropropane	9.37	76	6910	1.425	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	17591	6.813	ug/l	99
59) 2-Hexanone	9.49	43	24860	6.346	ug/l	98
60) Dibromochloromethane	9.58	129	3166	1.250	ug/l	94
61) 1,2-Dibromoethane	9.67	107	3829	1.385	ug/l	99
64) Tetrachloroethene	9.34	164	3206	1.572	ug/l	94
65) Chlorobenzene	10.13	112	9660	1.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	2982	1.311	ug/l #	64
67) Ethyl Benzene	10.25	91	17783	1.446	ug/l	97
68) m/p-Xylenes	10.35	106	12808	2.899	ug/l	93
69) o-Xylene	10.70	106	6145	1.423	ug/l	98
70) Styrene	10.71	104	9859	1.316	ug/l	98
71) Bromoform	10.85	173	2119	1.202	ug/l #	98
73) Isopropylbenzene	11.02	105	15974	1.439	ug/l	98
74) N-amyl acetate	10.90	43	7772	1.195	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	5853	1.326	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	5579m	1.514	ug/l	
77) Bromobenzene	11.26	156	4069	1.543	ug/l	97
78) n-propylbenzene	11.36	91	18329	1.409	ug/l	99
79) 2-Chlorotoluene	11.42	91	11178	1.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	13321	1.410	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	1468	1.139	ug/l #	71
82) 4-Chlorotoluene	11.51	91	13023	1.425	ug/l	97
83) tert-Butylbenzene	11.77	119	12613	1.405	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	13139	1.392	ug/l	100
85) sec-Butylbenzene	11.94	105	15024	1.392	ug/l	100
86) p-Isopropyltoluene	12.06	119	13142	1.381	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	6964	1.472	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	7686m	1.594	ug/l	
89) n-Butylbenzene	12.38	91	12140	1.338	ug/l	98
90) Hexachloroethane	12.60	117	2177	1.382	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	7125	1.483	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1226	1.306	ug/l	98

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC001

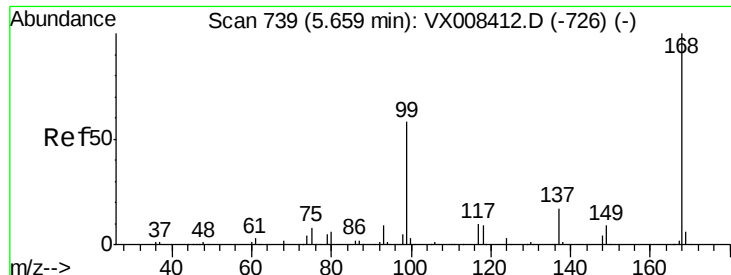
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	4640	1.429	ug/l	98
94) Hexachlorobutadiene	13.78	225	2208	1.440	ug/l	91
95) Naphthalene	13.83	128	15351	1.357	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	4762	1.460	ug/l	96

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



#1

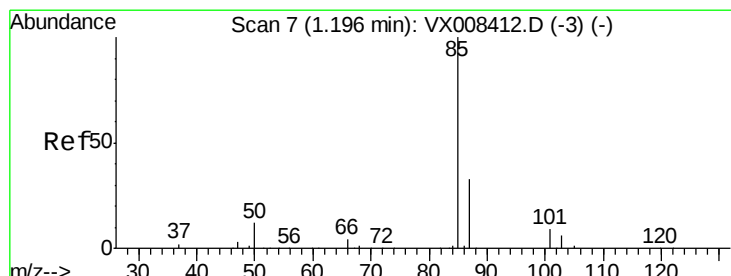
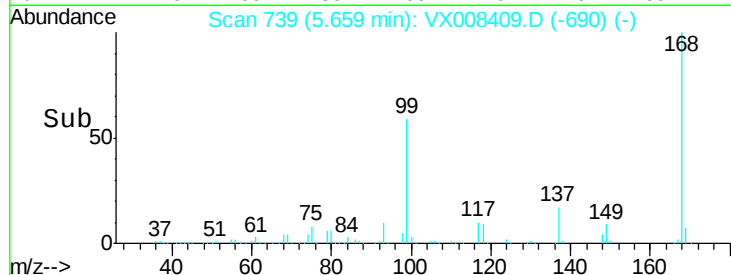
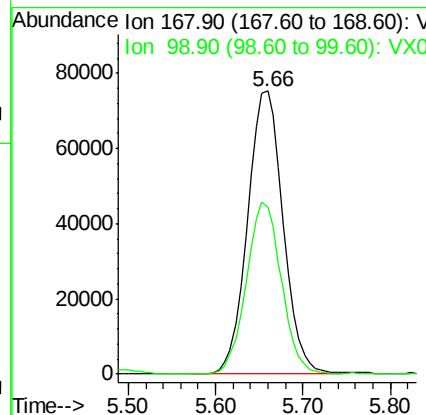
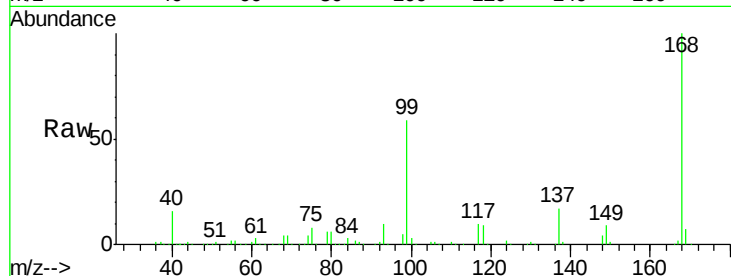
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.7	46.0	69.0

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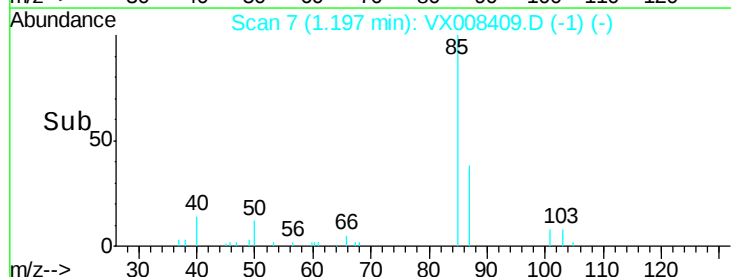
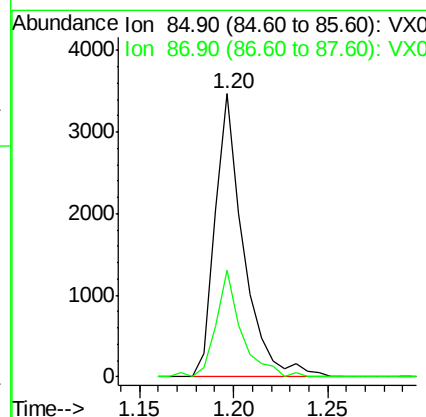
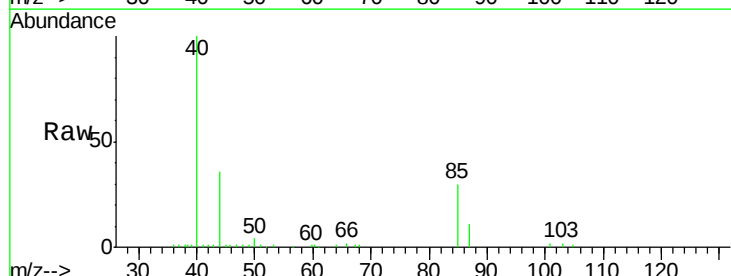
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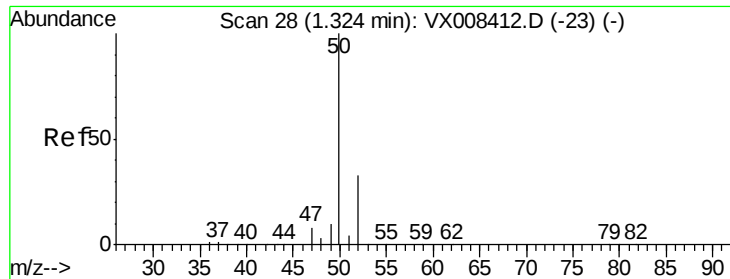


#2

Dichlorodifluoromethane
 Concen: 1.505 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	37.8	16.4	49.1





#3

Chloromethane

Concen: 1.515 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5363

Ion Ratio Lower Upper

50 100

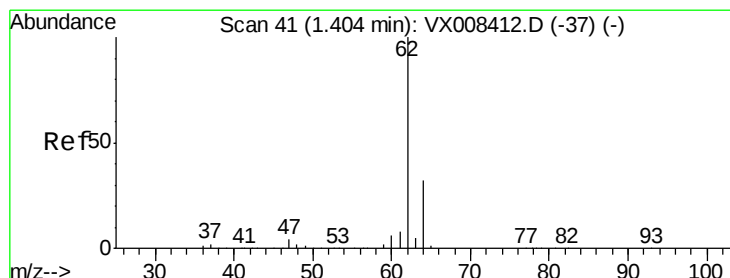
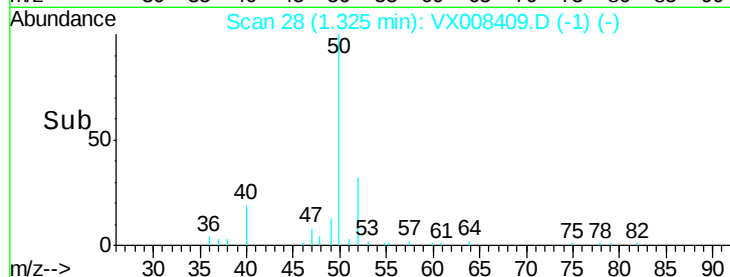
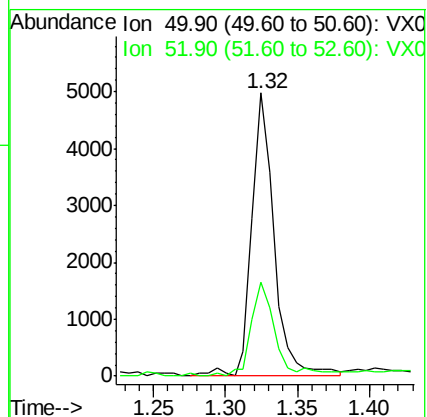
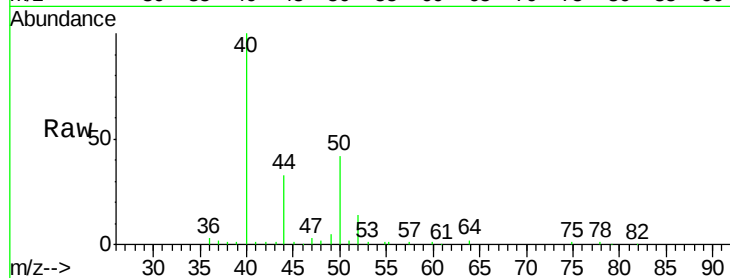
52 31.7 26.2 39.2

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#4

Vinyl Chloride

Concen: 1.366 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008409.D

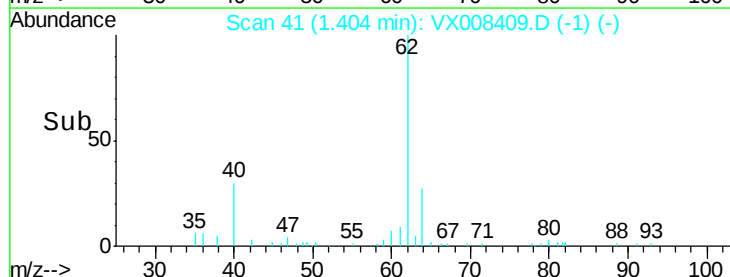
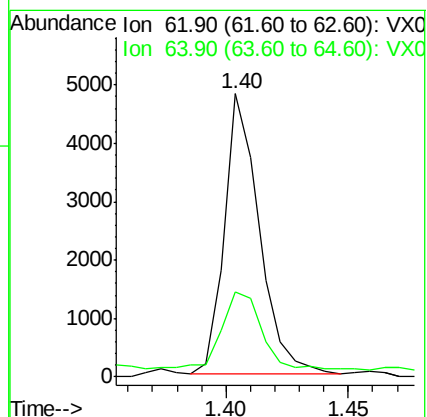
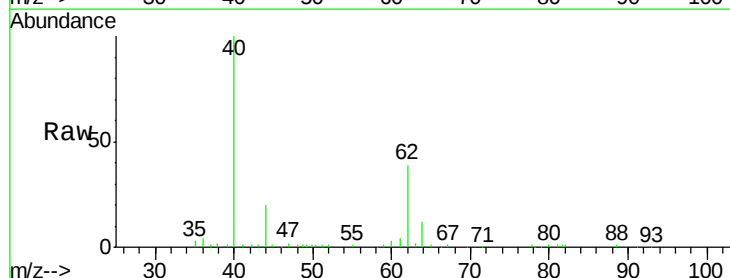
Acq: 25 Mar 2019 13:44

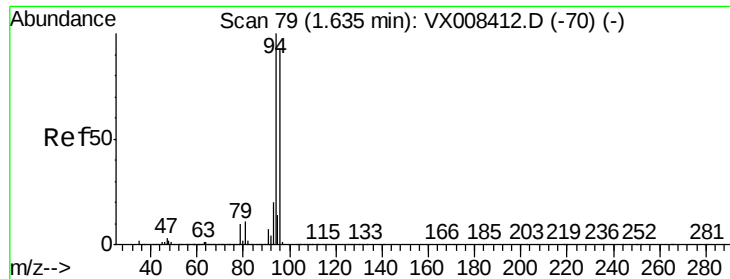
Tgt Ion: 62 Resp: 4744

Ion Ratio Lower Upper

62 100

64 27.5 25.5 38.3





#5

Bromomethane

Concen: 1.548 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tot Ion: 94 Resp: 3296

Ion Ratio Lower Upper

94 100

96 93.0 74.8 112.2

Instrument :

MSVOA_X

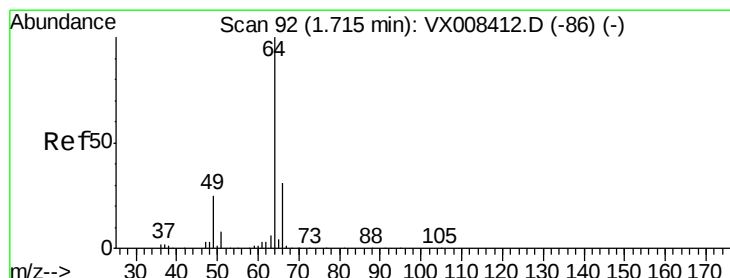
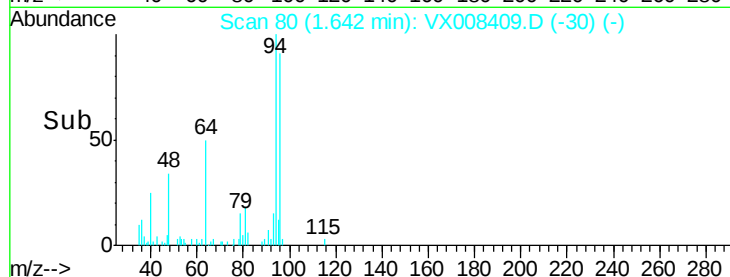
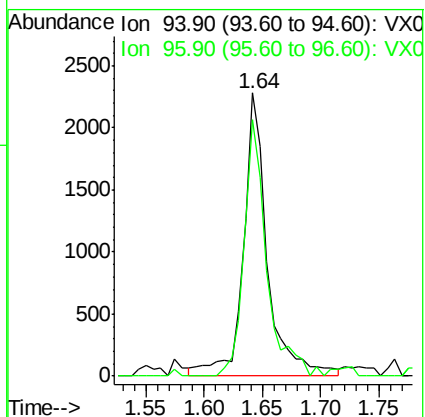
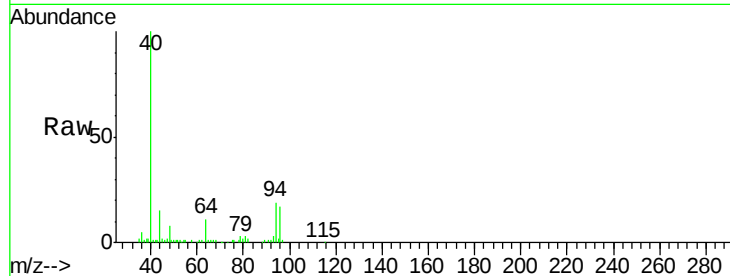
ClientSampleId :

VSTDIC001

Manual Integrations
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#6

Chloroethane

Concen: 1.528 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008409.D

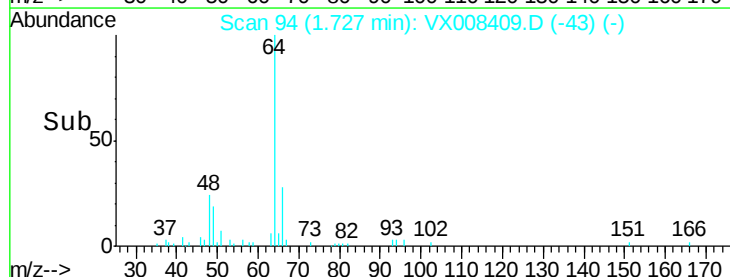
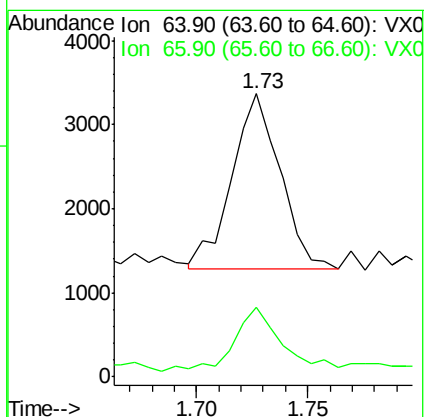
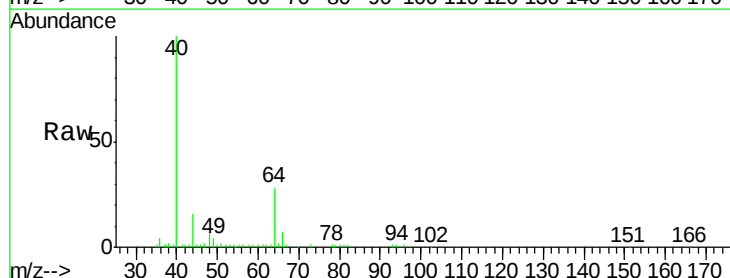
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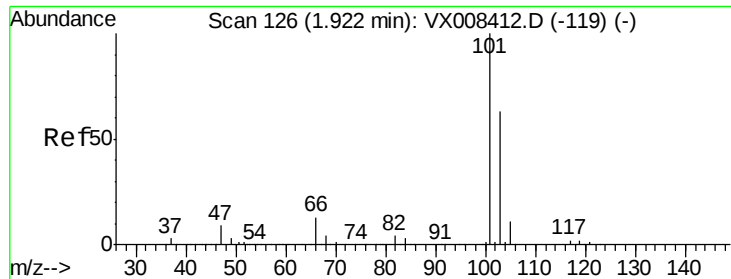
Tgt Ion: 64 Resp: 3144

Ion Ratio Lower Upper

64 100

66 35.1 25.1 37.7





#7

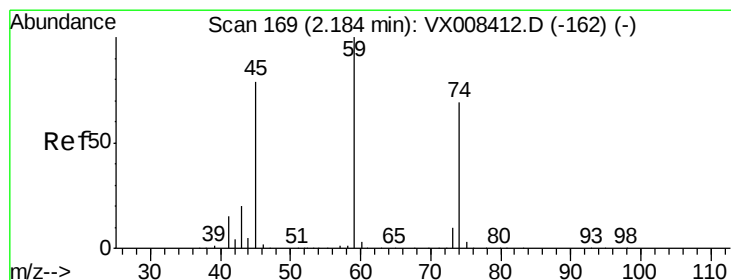
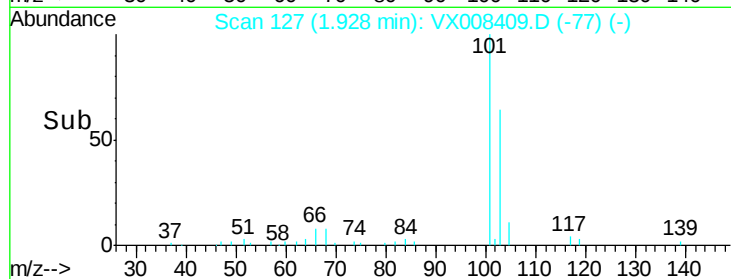
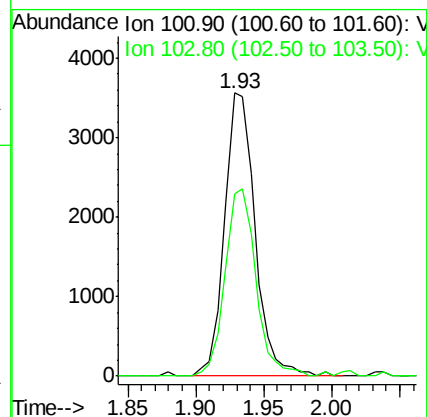
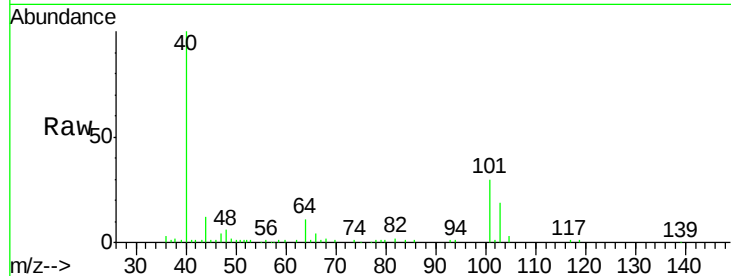
Trichlorofluoromethane
Concen: 1.412 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.2	75.4

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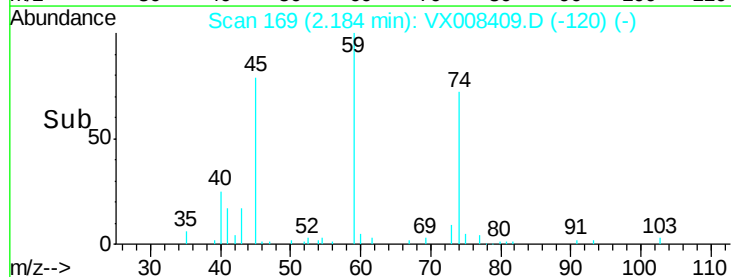
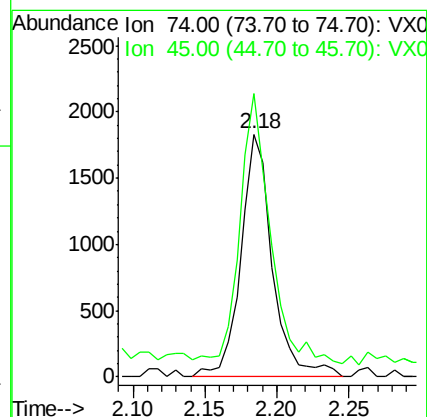
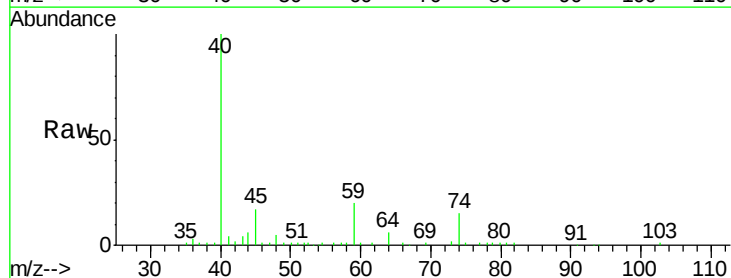
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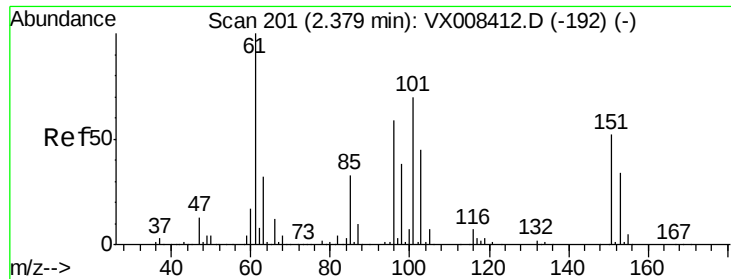


#8

Diethyl Ether
Concen: 1.467 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	56.4	169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.535 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

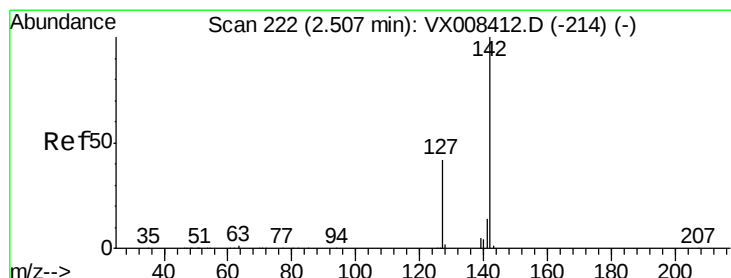
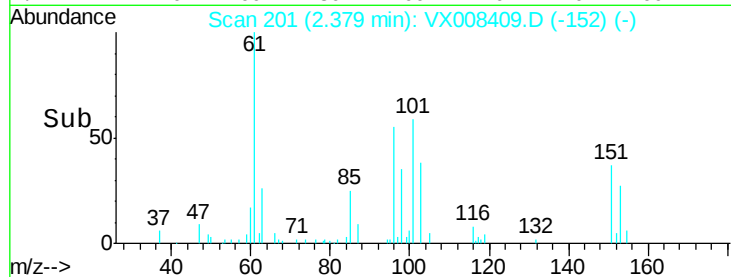
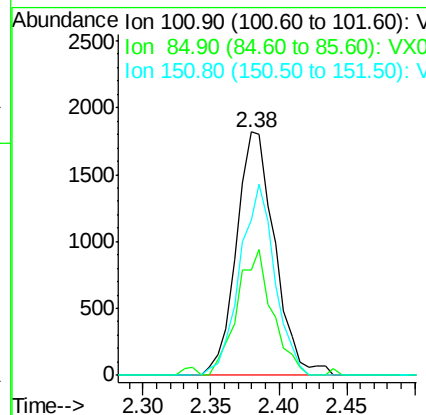
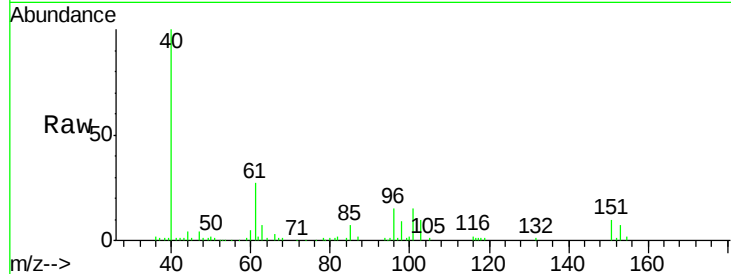
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	3592
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.0	54.0
151	71.2	59.2	88.8

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#10

Methyl Iodide

Concen: 0.880 ug/l

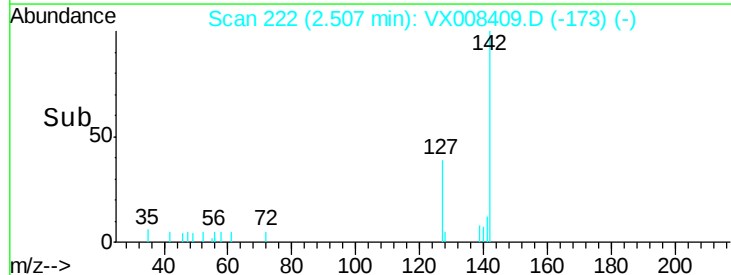
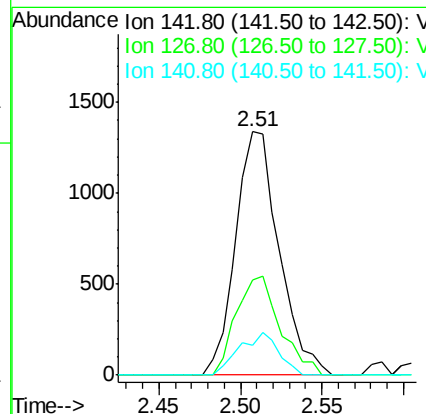
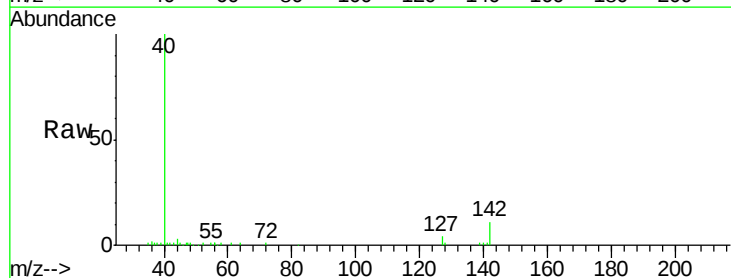
RT: 2.51 min Scan# 222

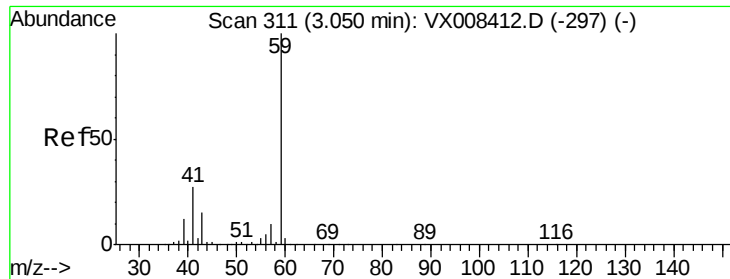
Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion:	142	Resp:	2484
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.6	50.4
141	15.9	11.3	16.9





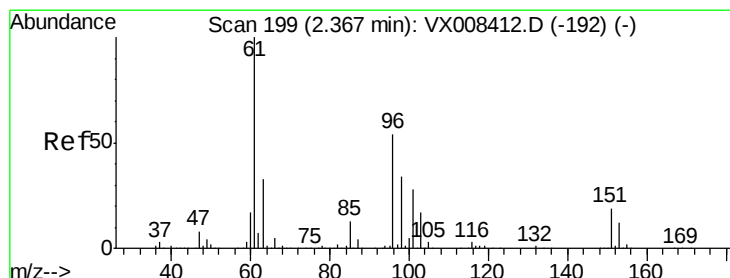
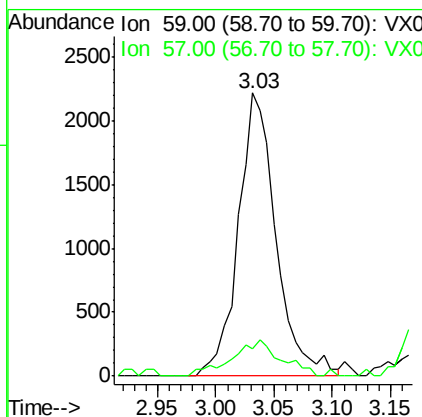
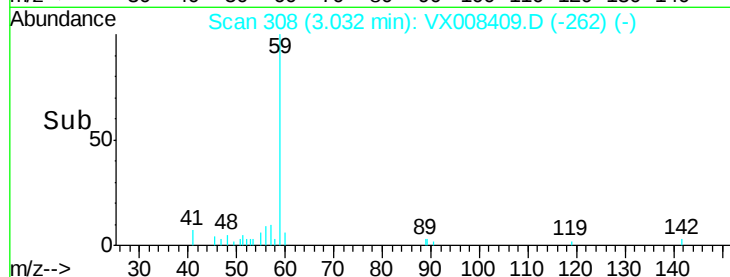
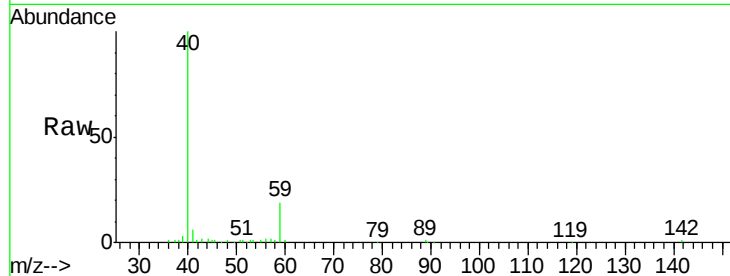
#11
Tert butyl alcohol
Concen: 6.926 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 59 Resp: 5011
Ion Ratio Lower Upper
59 100
57 16.4 8.2 12.4#

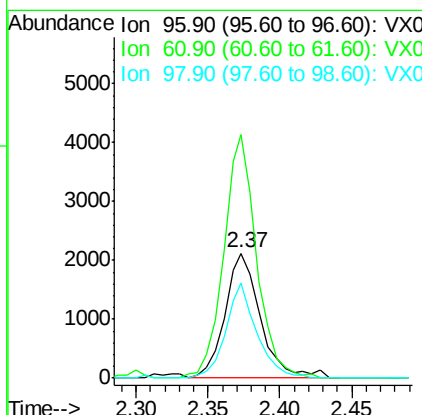
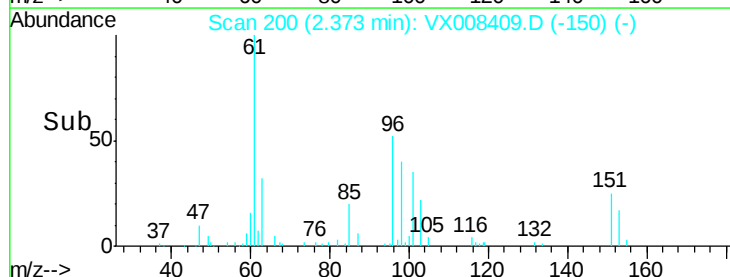
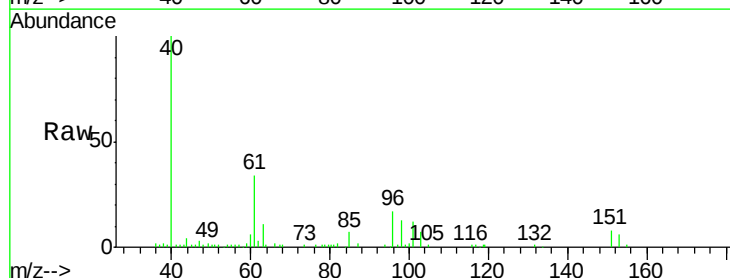
Manual Integrations
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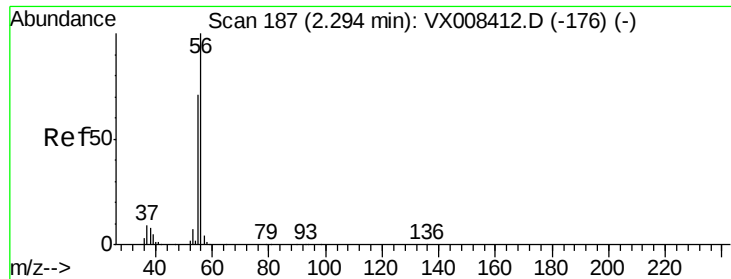
MMDadoda
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#12
1,1-Dichloroethene
Concen: 1.511 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion: 96 Resp: 3662
Ion Ratio Lower Upper
96 100
61 194.5 146.9 220.3
98 75.6 50.1 75.1#





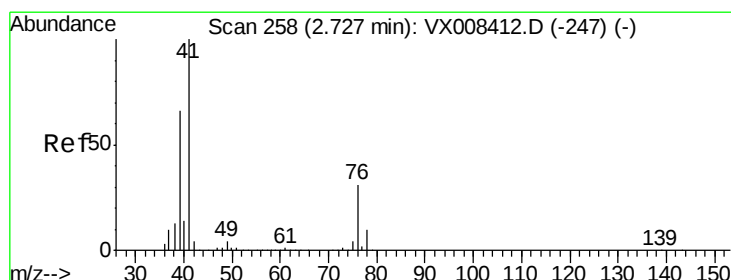
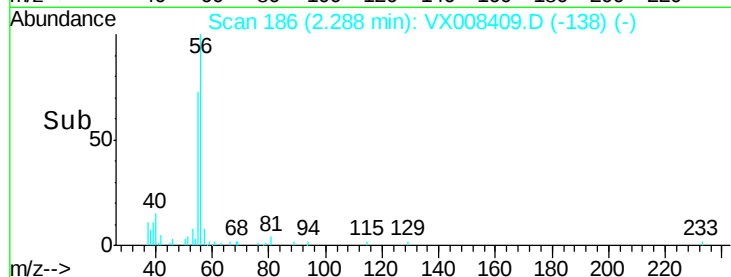
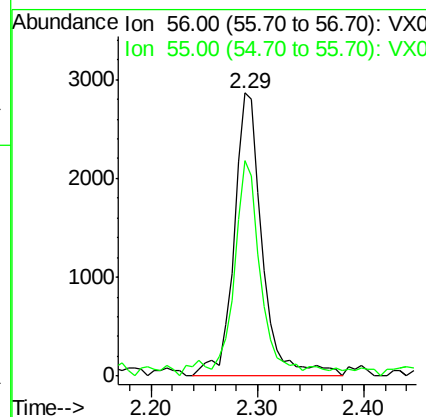
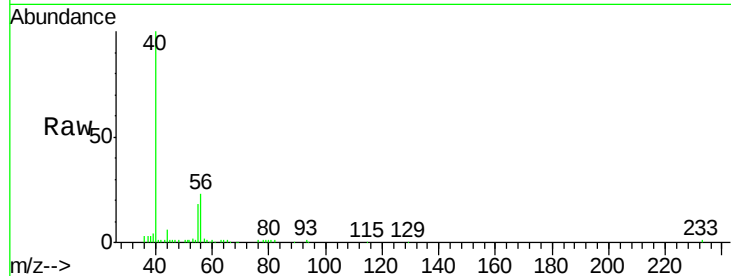
#13
Acrolein
Concen: 9.022 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	56	Resp	5316
Ion Ratio	100	Lower	Upper
55	64.5	56.5	84.7

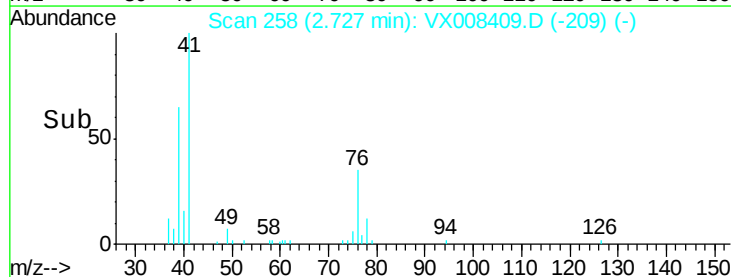
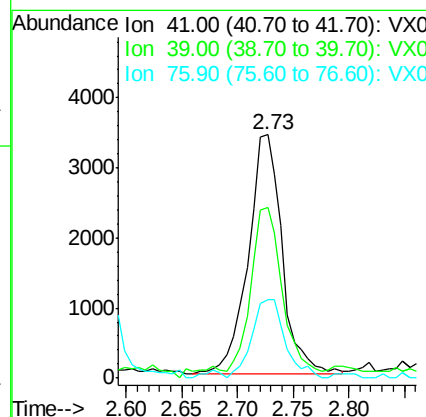
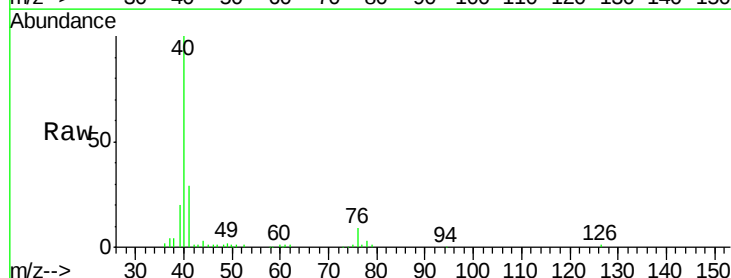
Manual Integrations
APPROVED

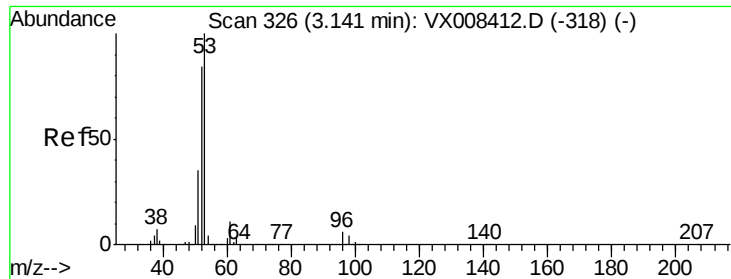
MMDadoda
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#14
Allyl chloride
Concen: 1.370 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	41	Resp	7321
Ion Ratio	100	Lower	Upper
39	64.5	49.6	74.4
76	31.9	22.6	34.0





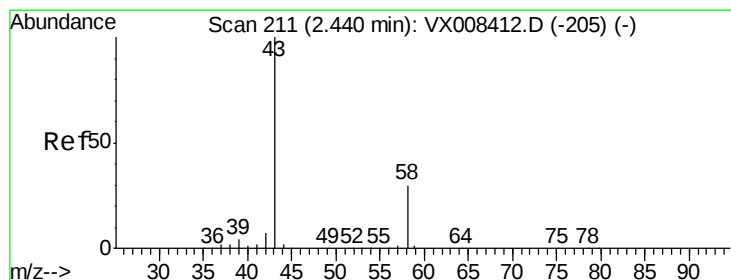
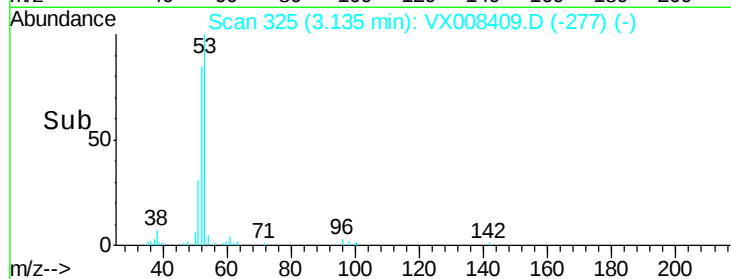
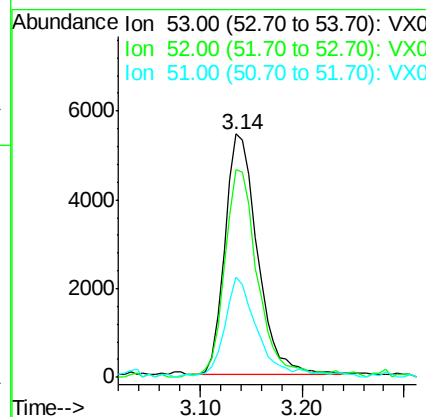
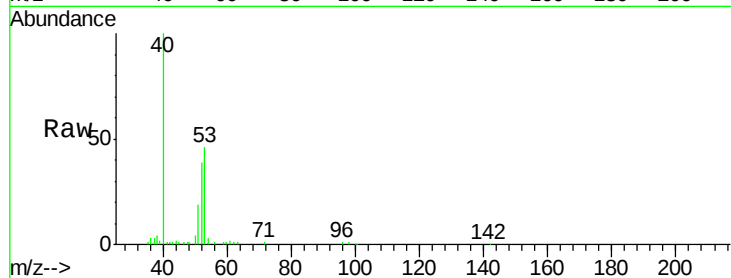
#15
Acrylonitrile
Concen: 6.561 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	87.2	66.5	99.7
51	42.5	28.3	42.5

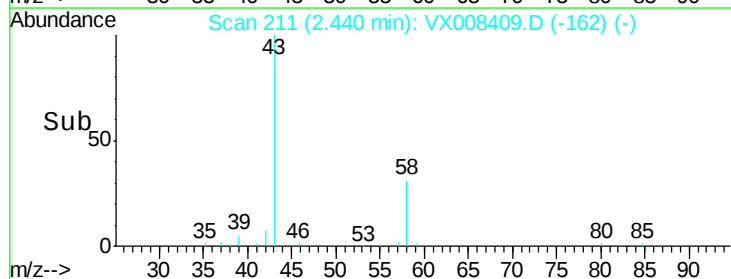
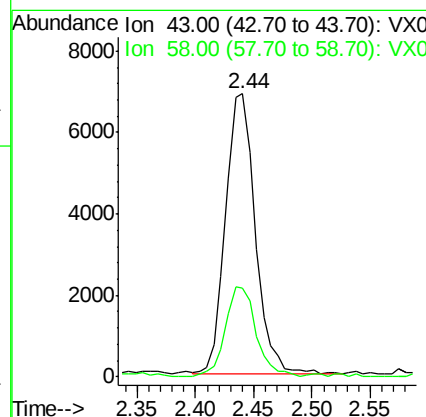
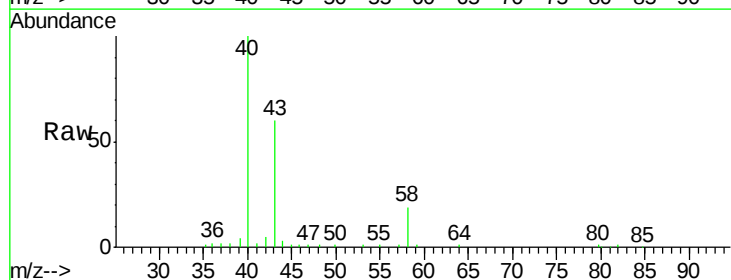
Manual Integrations
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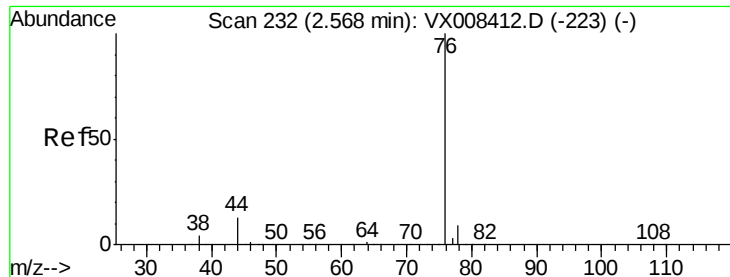
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#16
Acetone
Concen: 7.442 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.2	36.2





#17

Carbon Disulfide

Concen: 1.650 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 12750

Ion Ratio Lower Upper

76 100

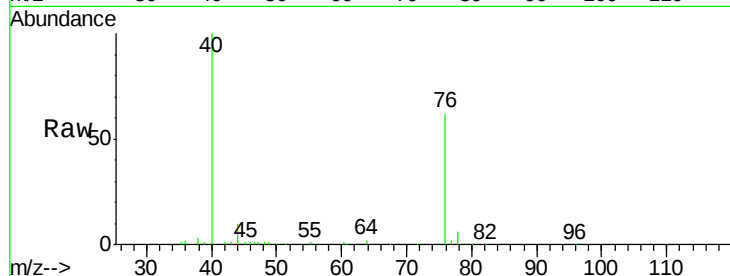
78 10.1 7.4 11.2

Manual Integrations

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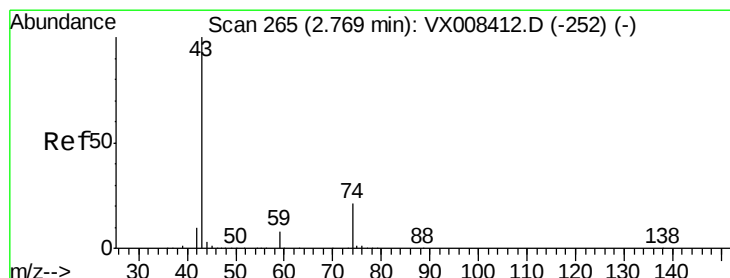
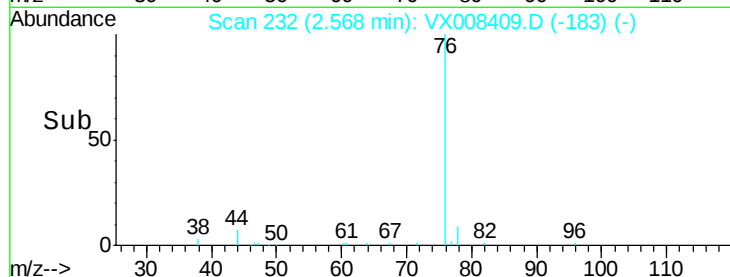
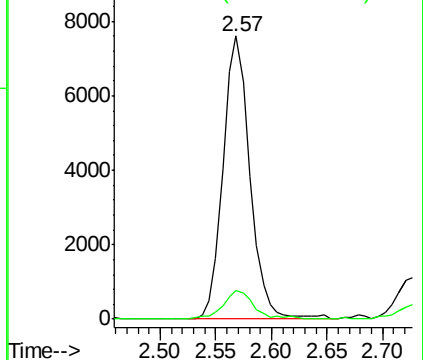
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.367 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008409.D

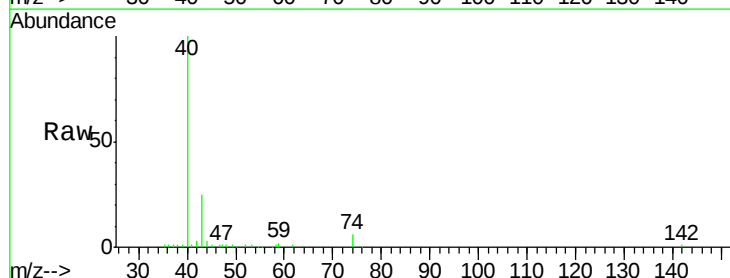
Acq: 25 Mar 2019 13:44

Tgt Ion: 43 Resp: 5518

Ion Ratio Lower Upper

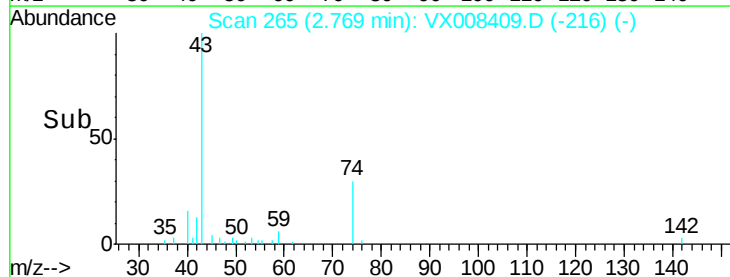
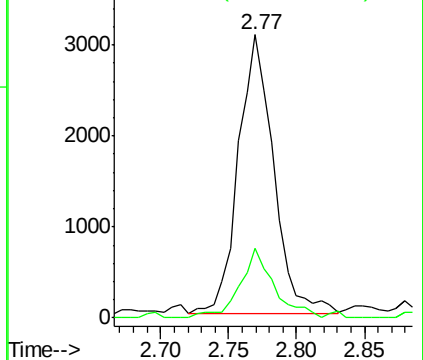
43 100

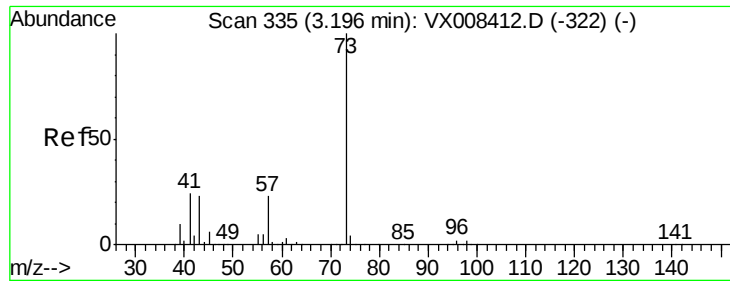
74 24.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





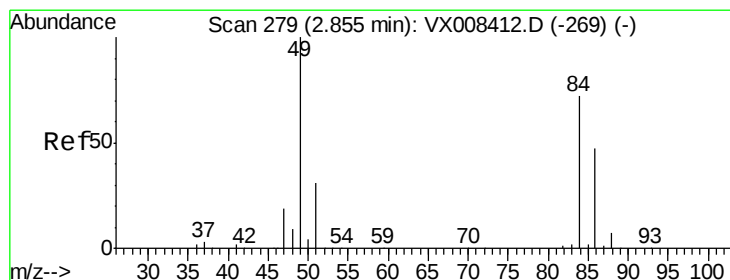
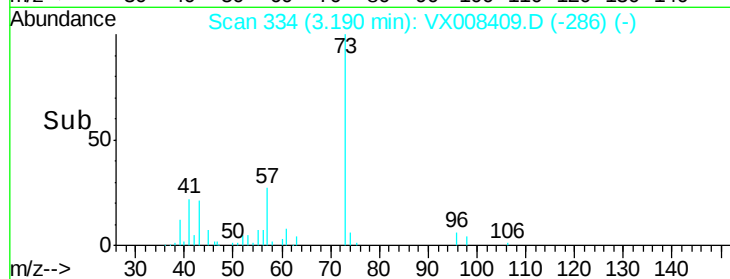
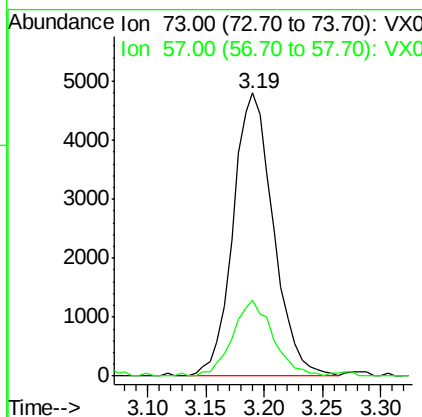
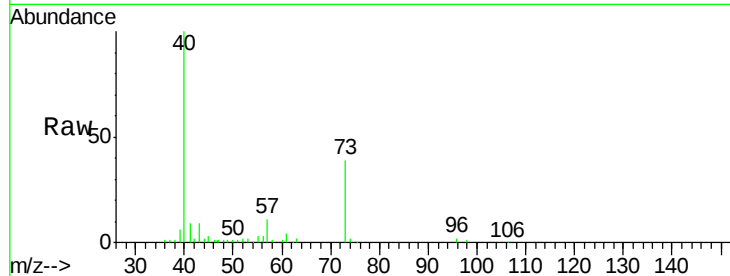
#19
Methvl tert-butvl Ether
Concen: 1.327 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 11571
Ion Ratio Lower Upper
73 100
57 26.8 18.6 28.0

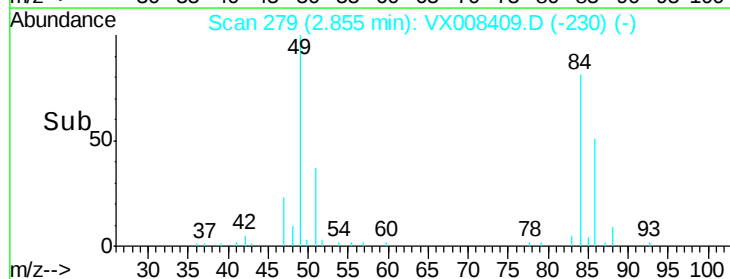
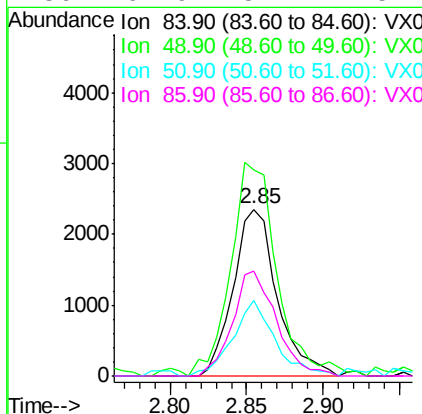
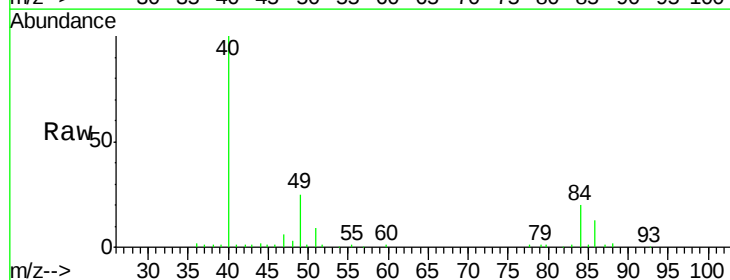
Manual Integrations
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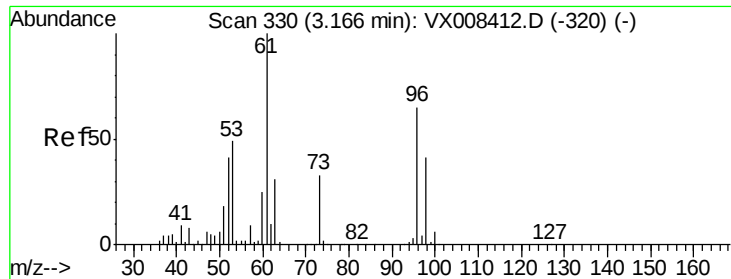
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#20
Methylene Chloride
Concen: 1.612 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion: 84 Resp: 4713
Ion Ratio Lower Upper
84 100
49 123.4 110.6 165.8
51 45.1 33.9 50.9
86 62.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 1.521 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

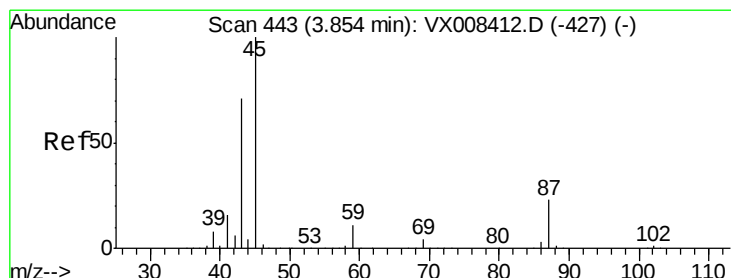
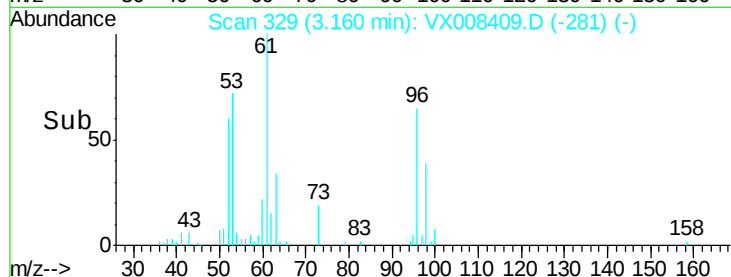
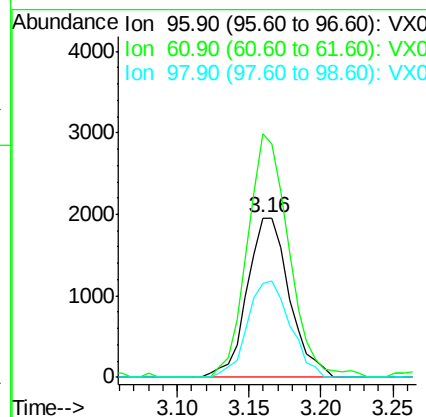
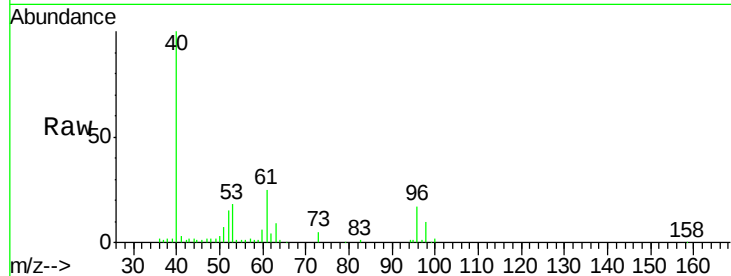
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3977
Ion	Ratio	Lower	Upper
96	100		
61	152.8	122.6	184.0
98	59.1	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.331 ug/l

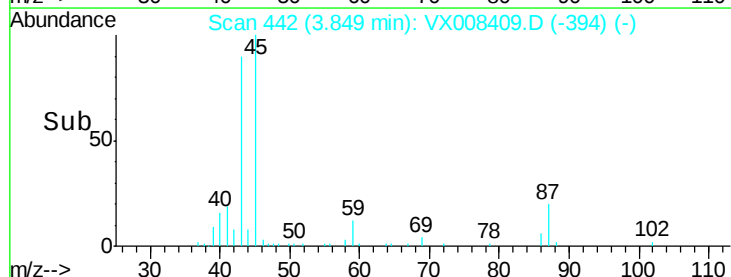
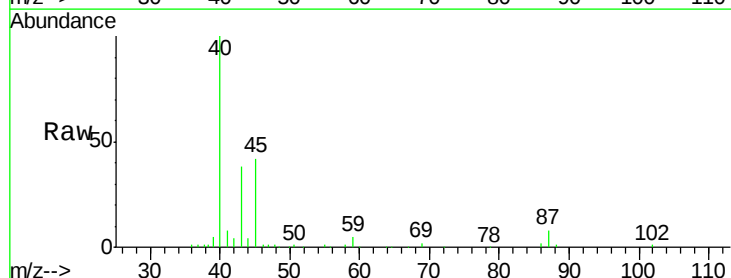
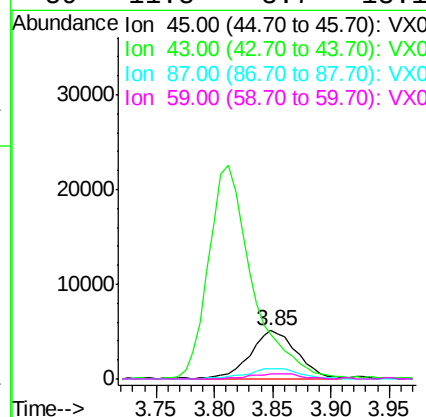
RT: 3.85 min Scan# 442

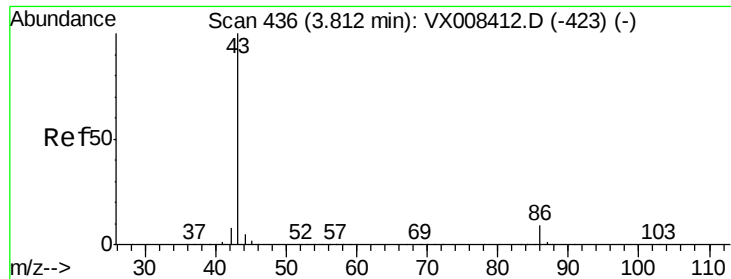
Delta R.T. -0.01 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion:	45	Resp:	13872
Ion	Ratio	Lower	Upper
45	100		
43	87.4	57.1	85.7#
87	20.4	18.8	28.2
59	11.8	8.7	13.1





#23

Vinyl Acetate

Concen: 6.374 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 58576

Ion Ratio Lower Upper

43 100

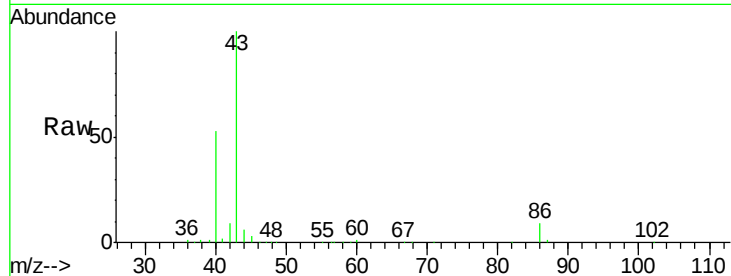
86 9.3 6.9 10.3

Manual Integrations

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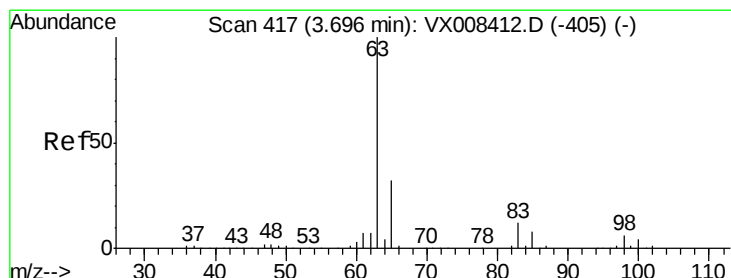
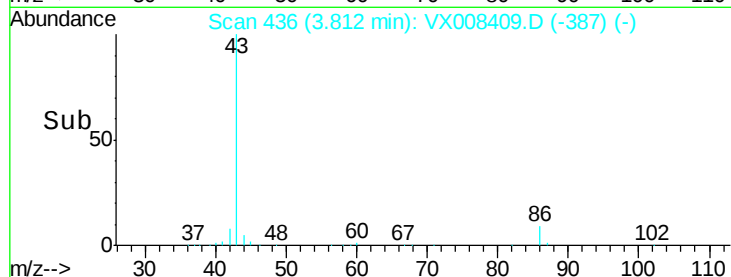
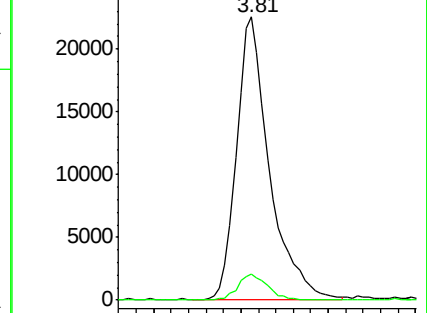
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.454 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

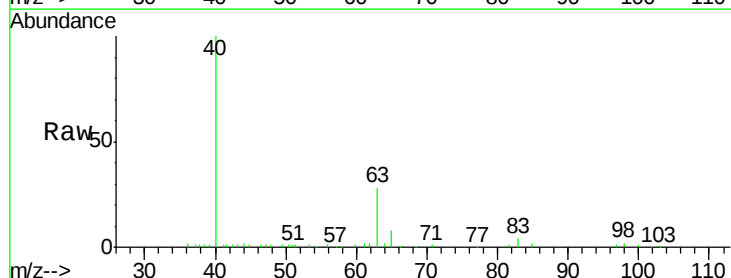
Tgt Ion: 63 Resp: 7718

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

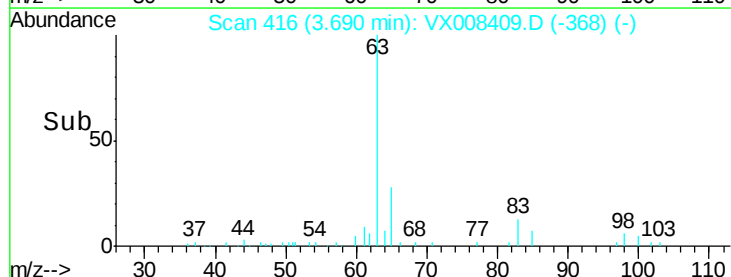
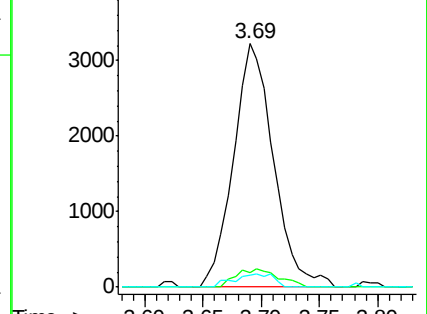
100 4.7 2.0 5.8

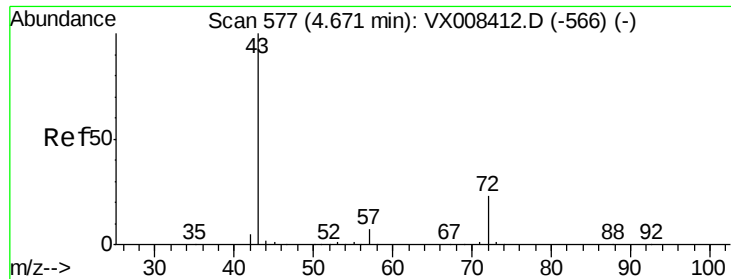


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 6.465 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 17202

Ion Ratio Lower Upper

43 100

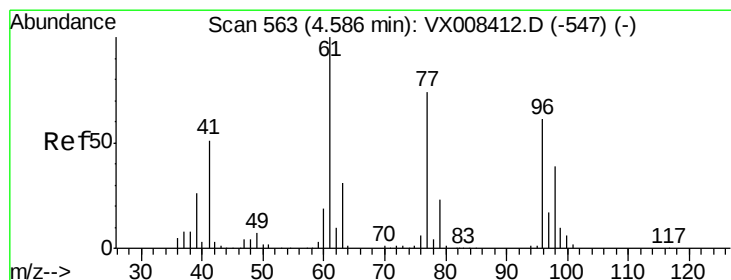
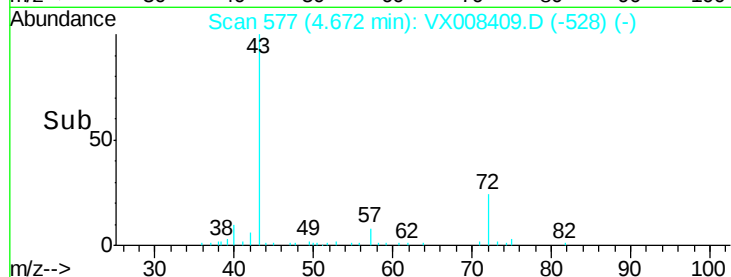
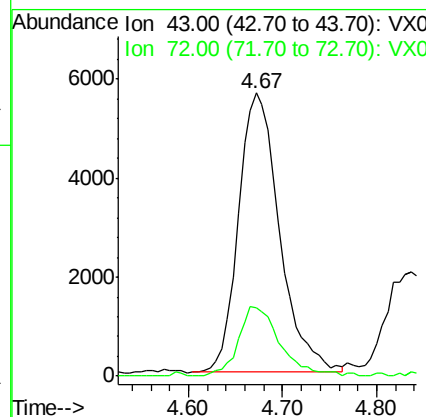
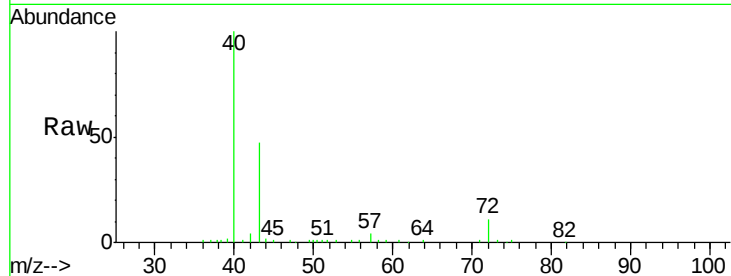
72 24.3 18.6 28.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.430 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008409.D

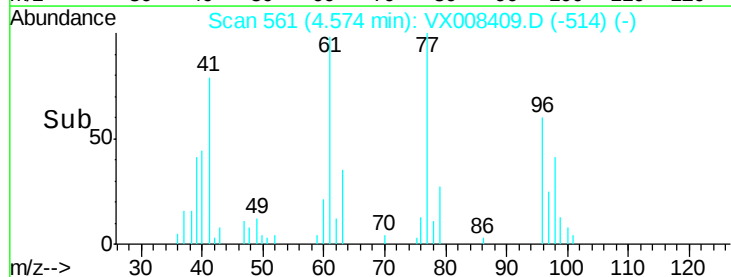
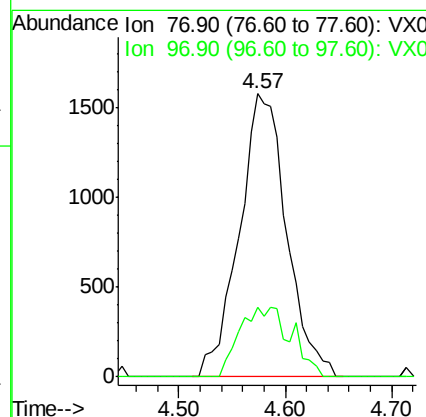
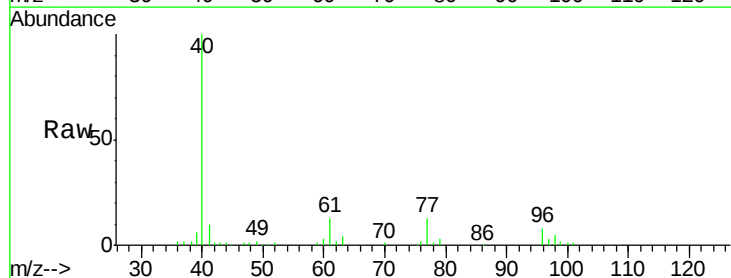
Acq: 25 Mar 2019 13:44

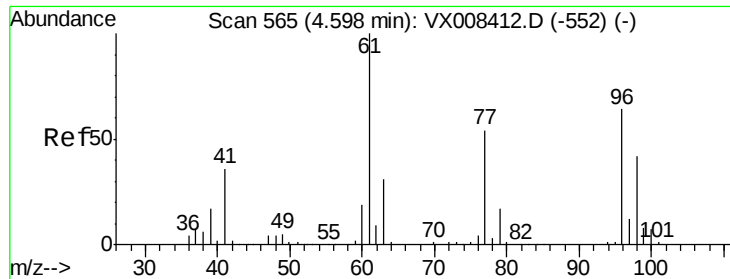
Tgt Ion: 77 Resp: 4925

Ion Ratio Lower Upper

77 100

97 26.9 11.2 33.6





#27

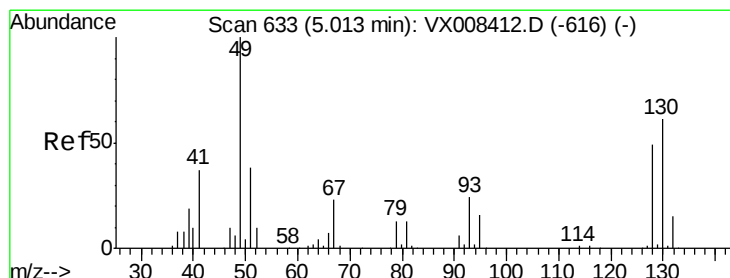
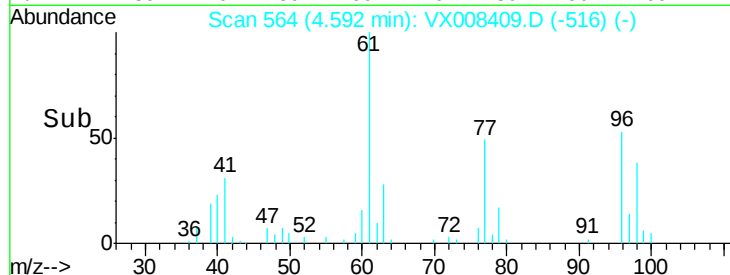
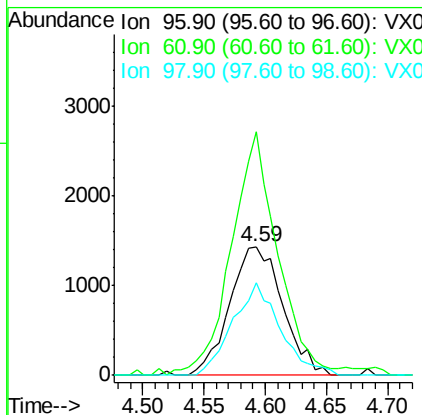
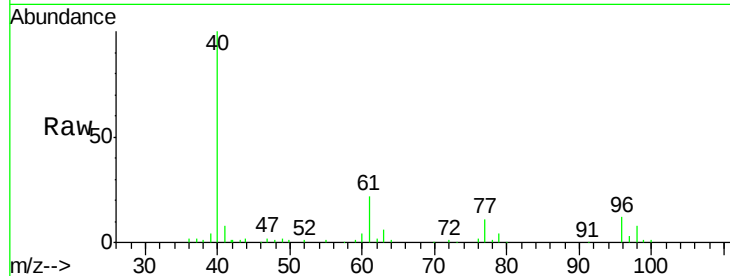
cis-1,2-Dichloroethene
Concen: 1.445 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.9	0.0	325.6
98	64.6	0.0	130.0

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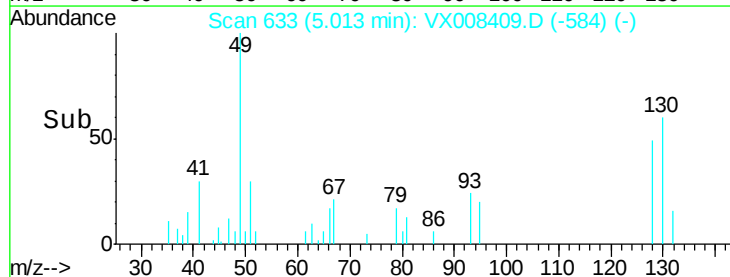
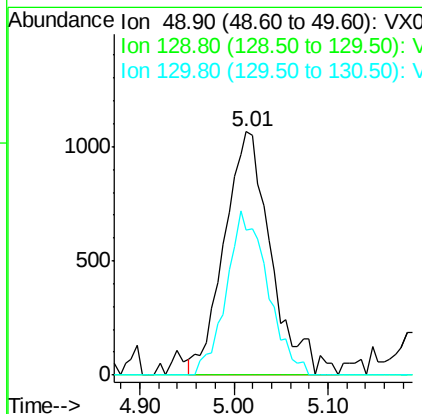
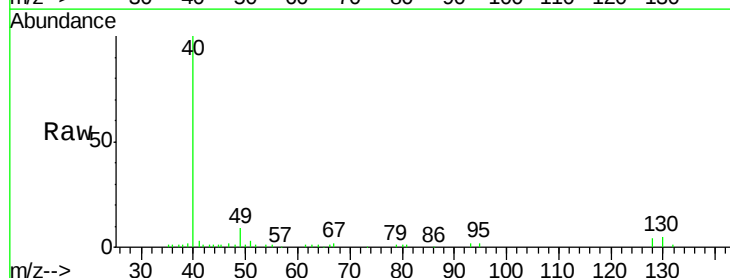
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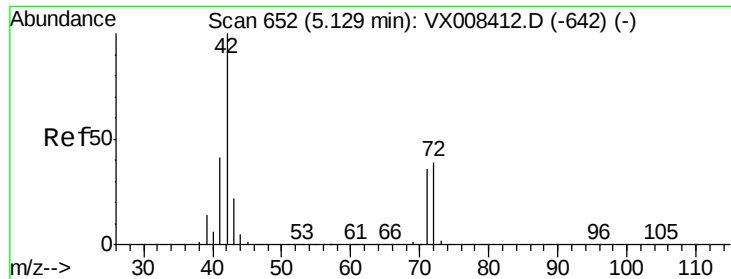


#28

Bromochloromethane
Concen: 1.417 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	59.0	49.8	74.6





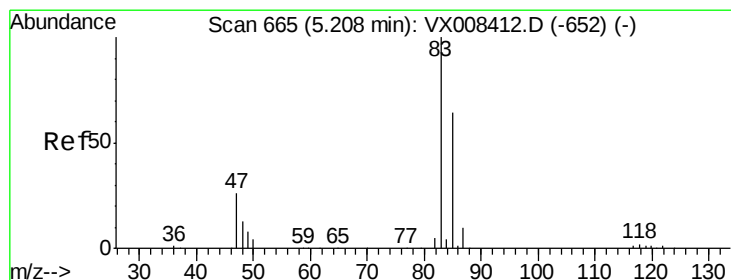
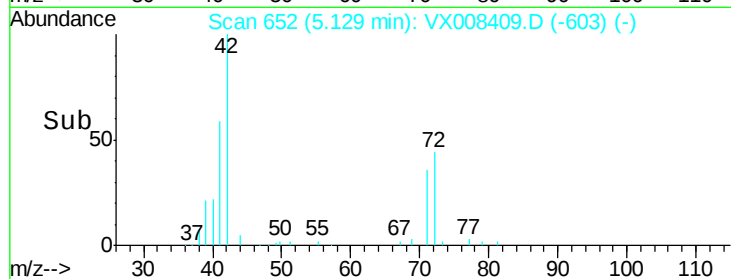
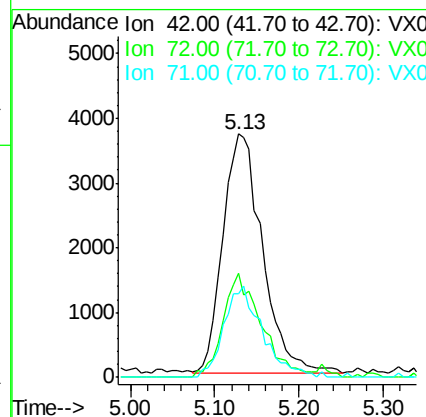
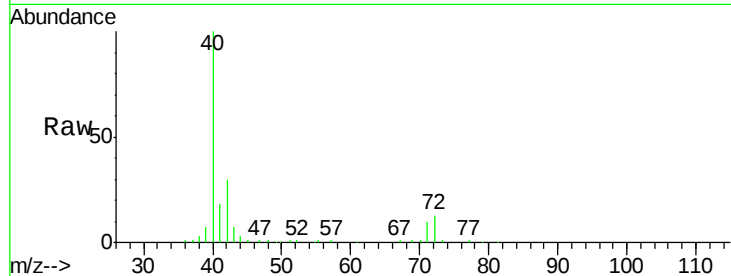
#29
Tetrahydrofuran
Concen: 6.715 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	11805
Ion Ratio	Lower	Upper	
42	100		
72	42.1	31.4	47.2
71	37.1	29.4	44.2

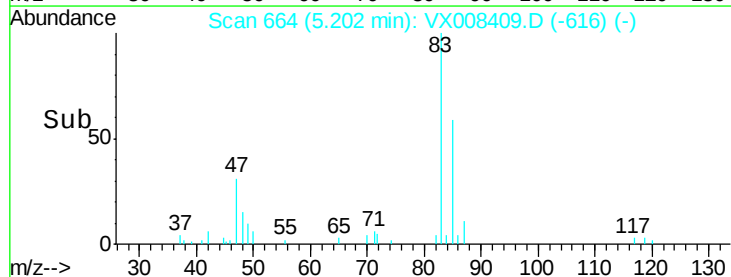
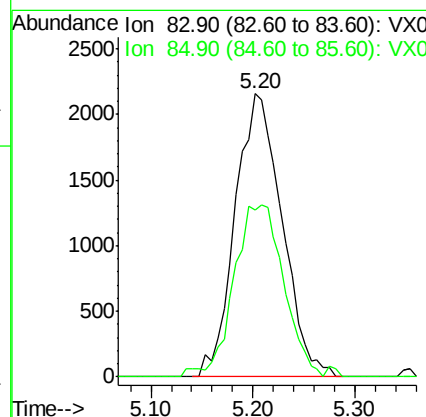
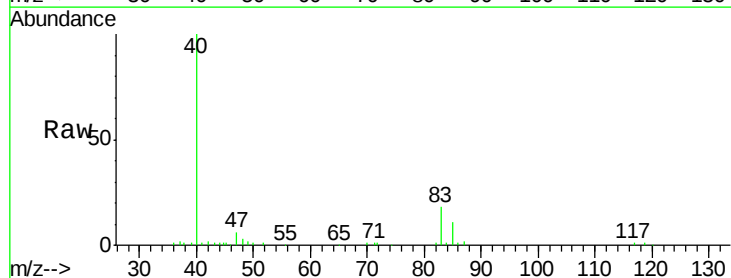
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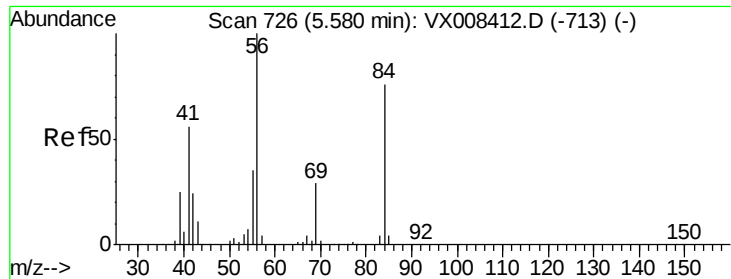
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#30
Chloroform
Concen: 1.436 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion:	83	Resp:	6875
Ion Ratio	Lower	Upper	
83	100		
85	59.0	51.4	77.2





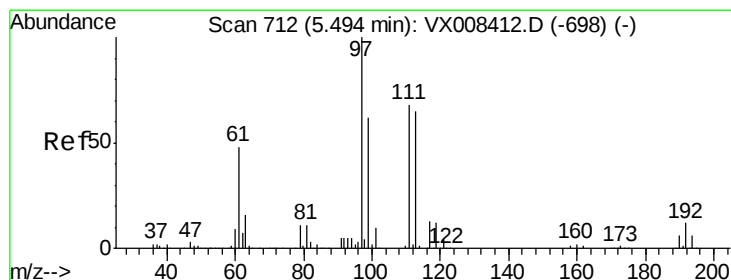
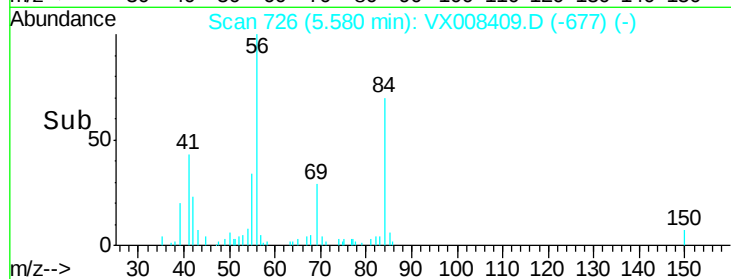
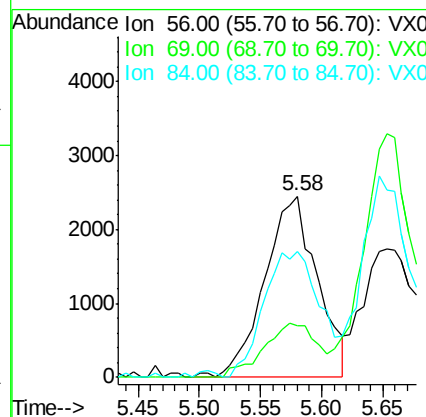
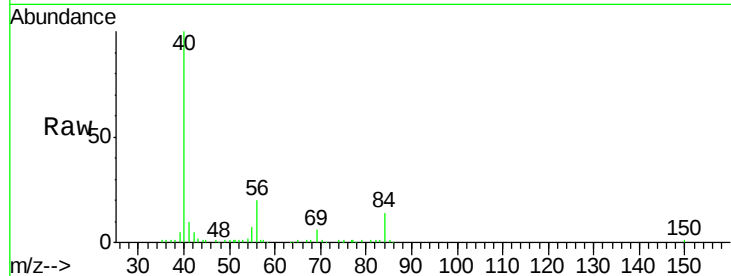
#31
Cyclohexane
Concen: 1.441 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.2	34.8
84	69.6	60.7	91.1

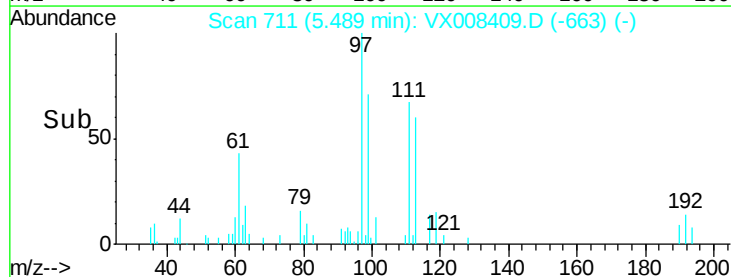
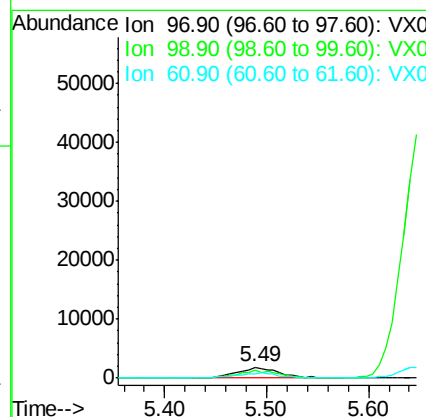
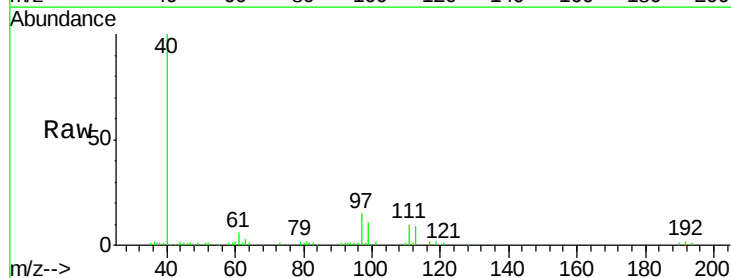
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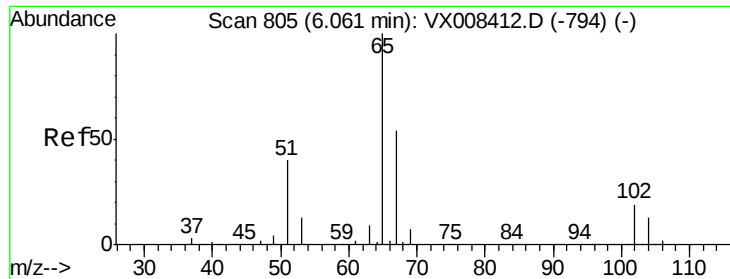
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#32
1,1,1-Trichloroethane
Concen: 1.379 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	50.5	38.8	58.2





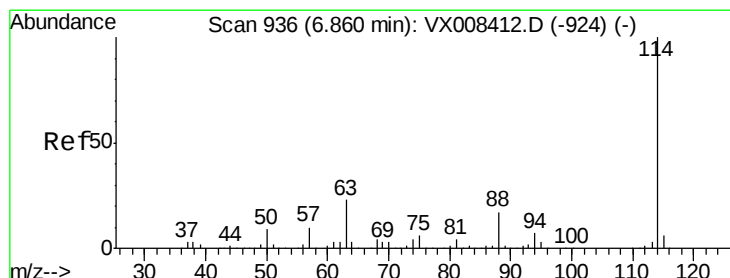
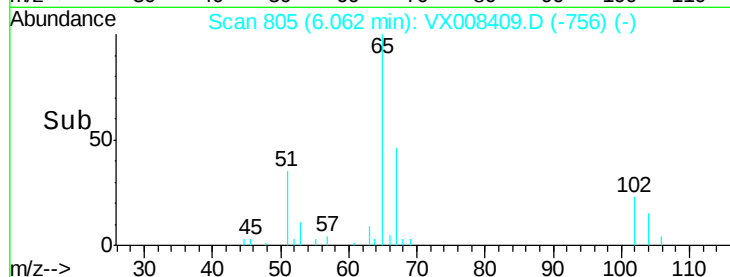
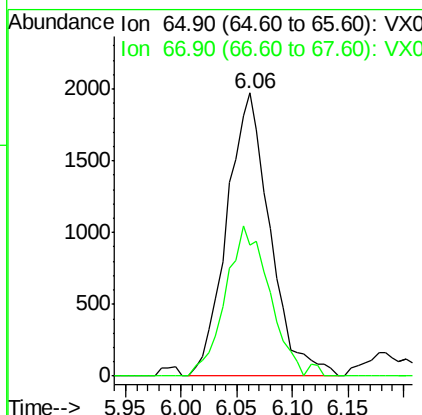
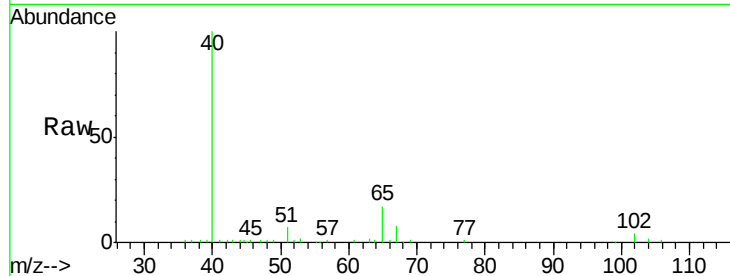
#33
 1,2-Dichloroethane-d4
 Concen: 1.649 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	109.4

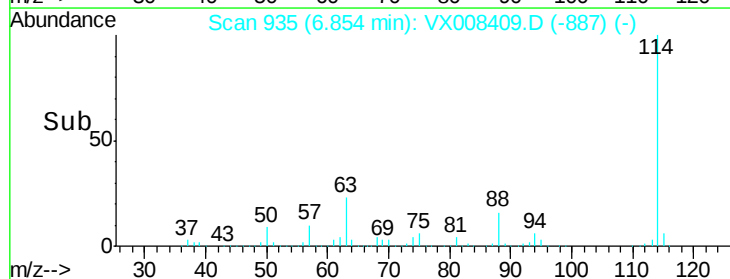
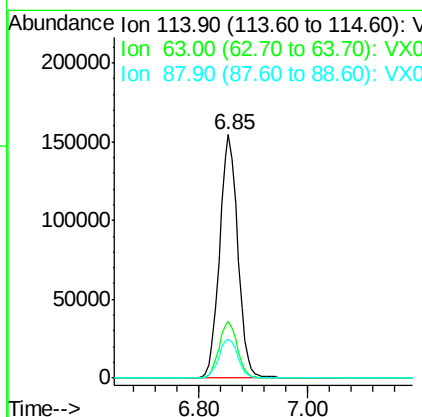
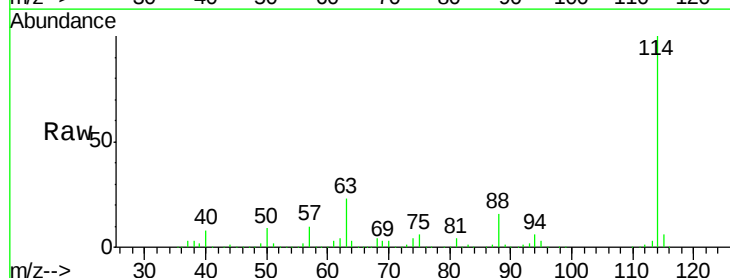
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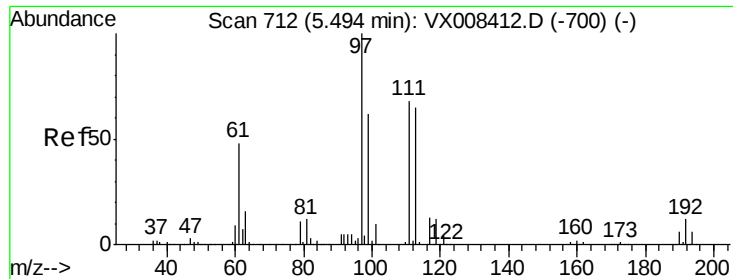
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	46.4
88	16.1	0.0	33.2





#35

Dibromofluoromethane

Concen: 1.562 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

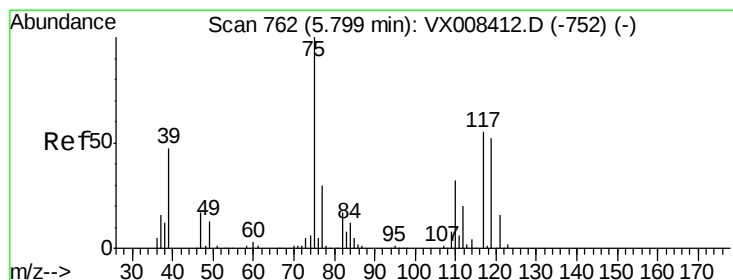
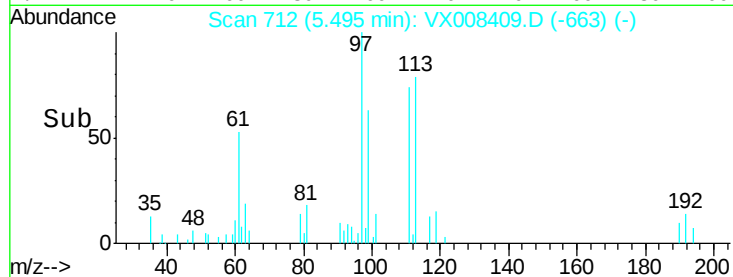
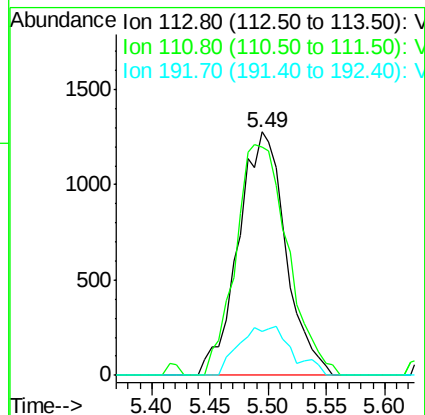
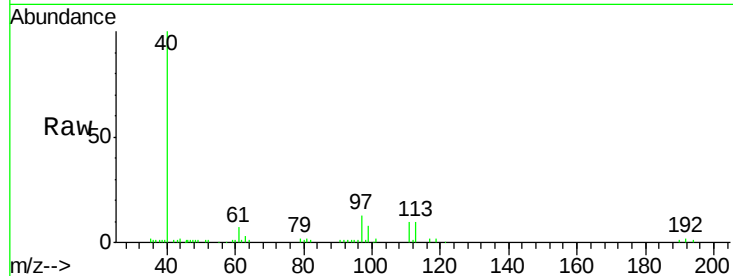
ClientSampleId :

VSTDIC001

Tot Ion:	113	Resp:	3627
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.4
192	22.2	15.6	23.4

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#36

1,1-Dichloropropene

Concen: 1.509 ug/l

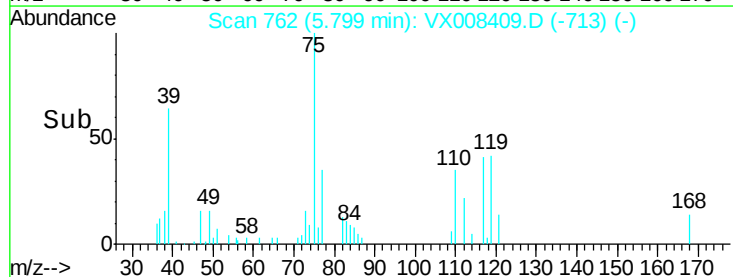
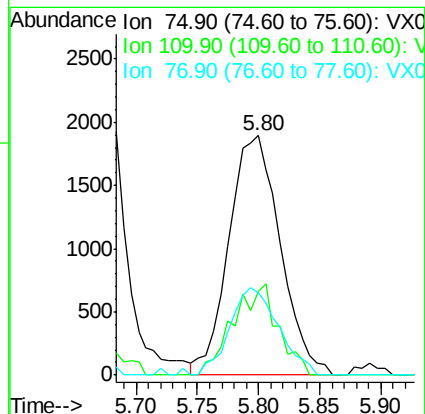
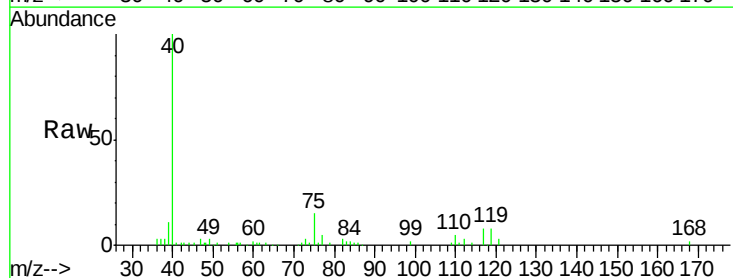
RT: 5.80 min Scan# 762

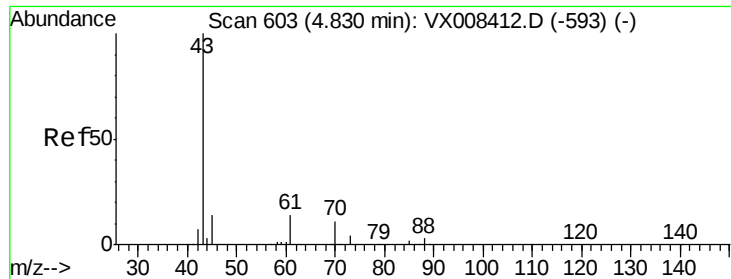
Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion:	75	Resp:	5525
Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.6	49.7
77	34.6	24.2	36.2





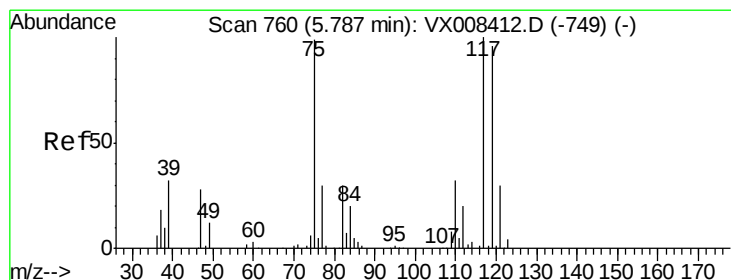
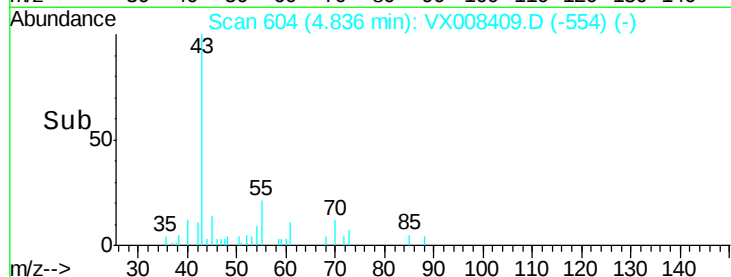
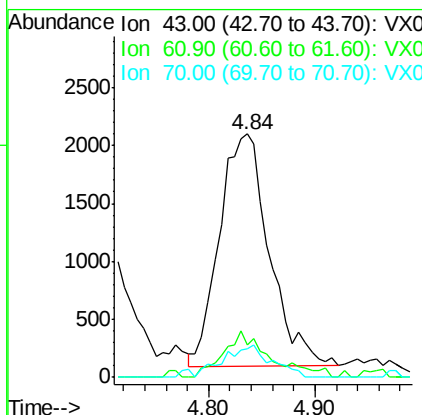
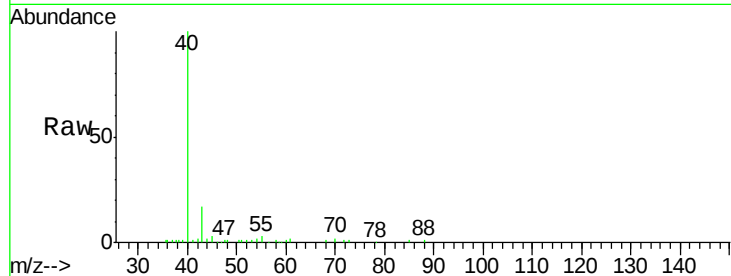
#37
Ethyl Acetate
Concen: 1.325 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	10.5	15.7#
70	13.3	7.8	11.8#

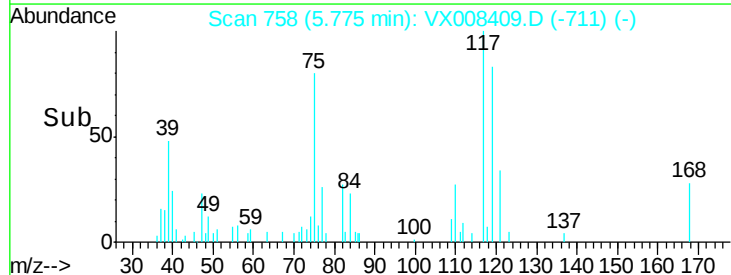
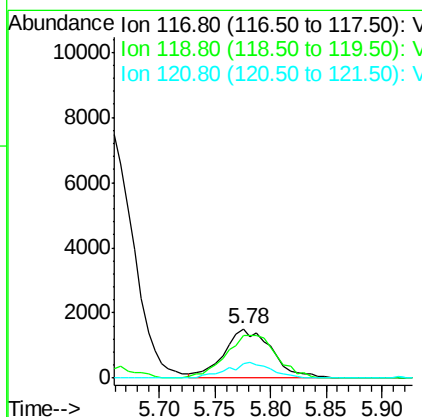
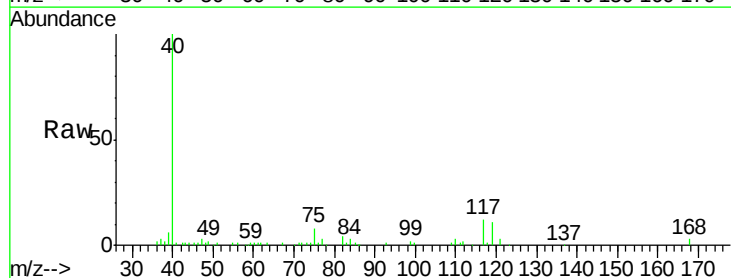
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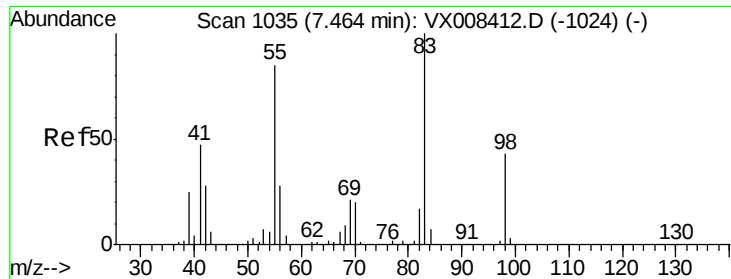
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#38
Carbon Tetrachloride
Concen: 1.426 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.2	76.7	115.1
121	28.2	24.3	36.5





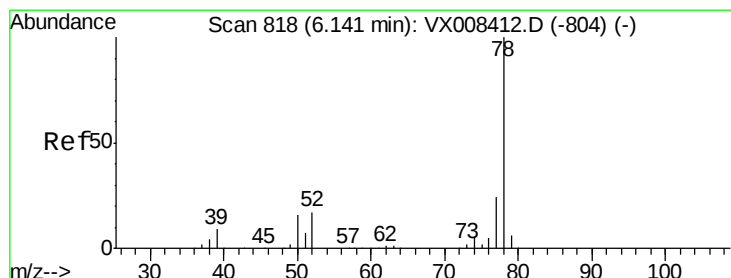
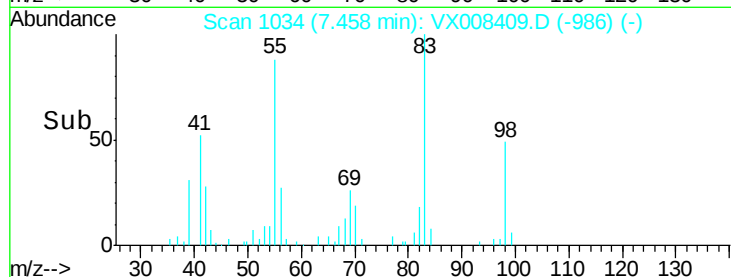
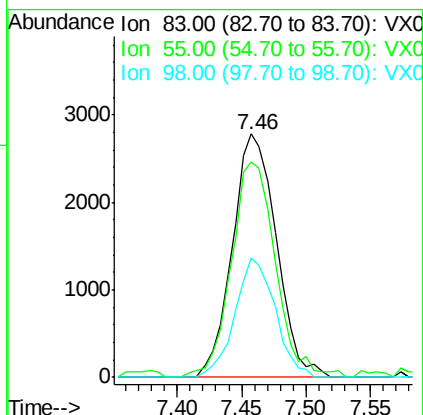
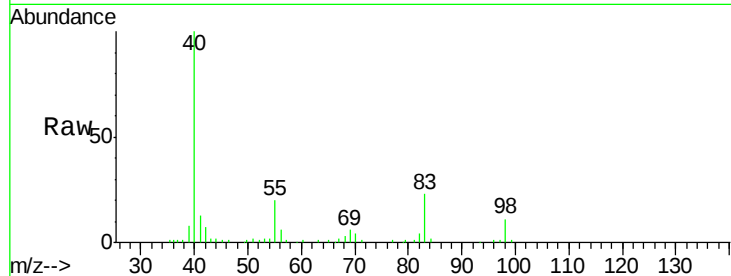
#39
Methvlcvclohexane
Concen: 1.468 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.5	68.2	102.4
98	49.0	34.2	51.4

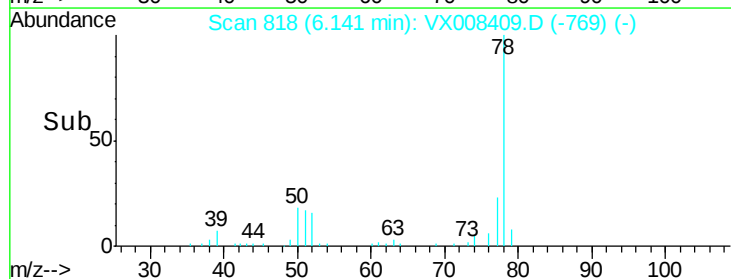
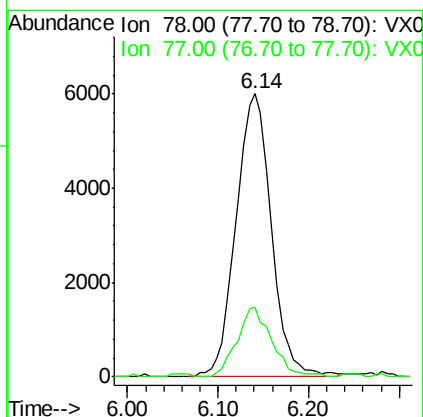
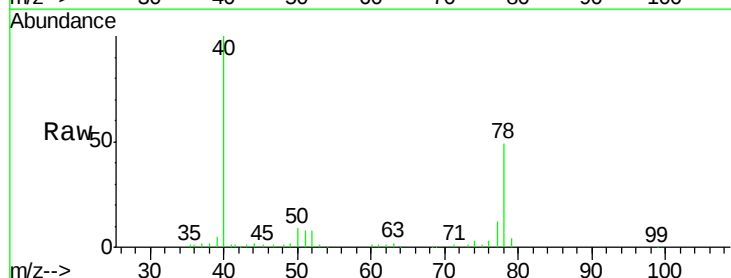
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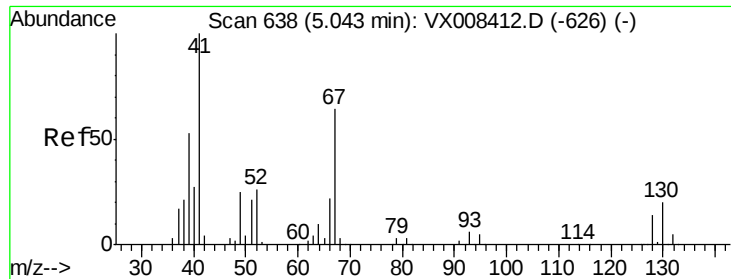
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#40
Benzene
Concen: 1.452 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





#41

Methacrylonitrile

Concen: 1.331 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

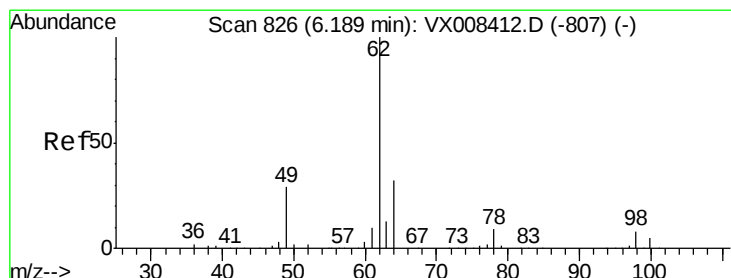
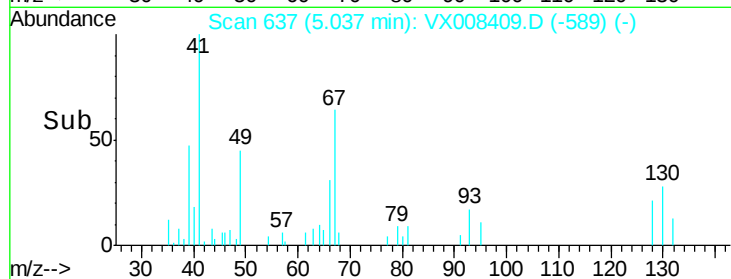
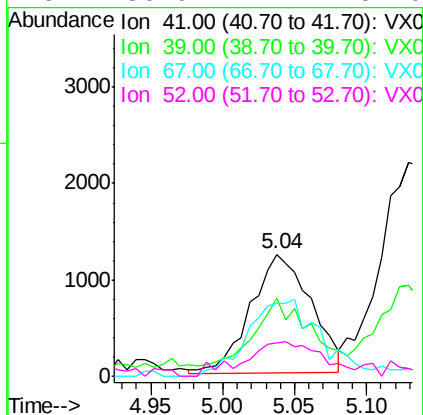
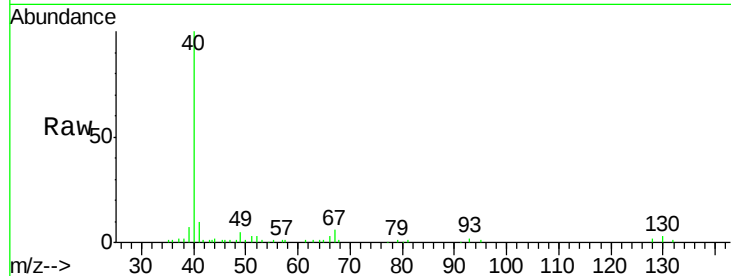
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	3588
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.6	64.0
67	76.4	52.2	78.4
52	36.9	21.4	32.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 1.493 ug/l

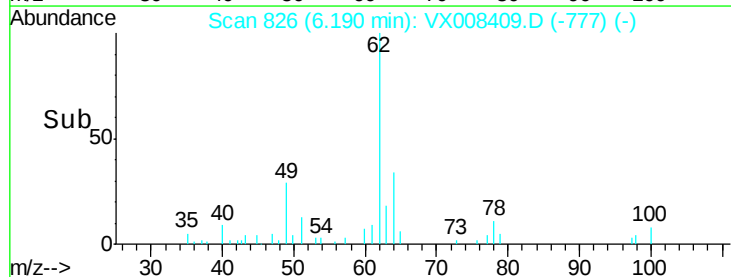
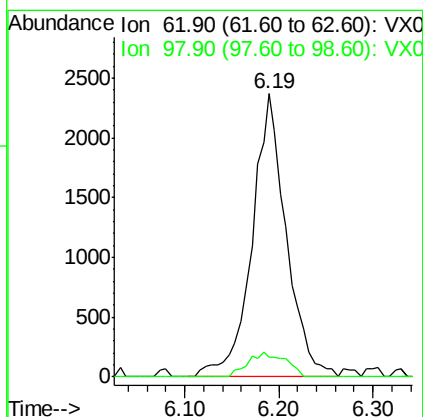
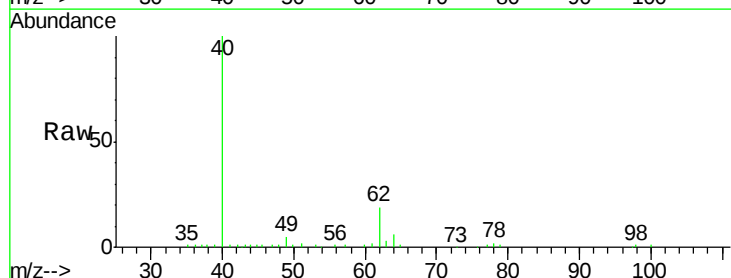
RT: 6.19 min Scan# 826

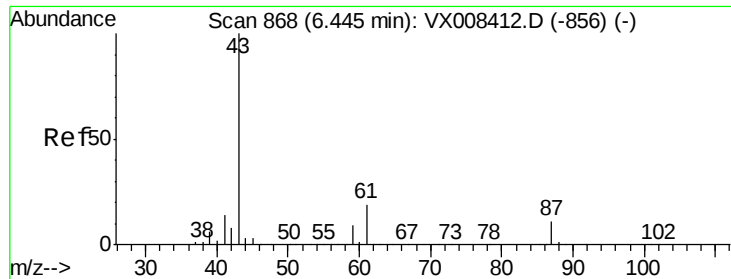
Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion:	62	Resp:	6051
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.6





#43

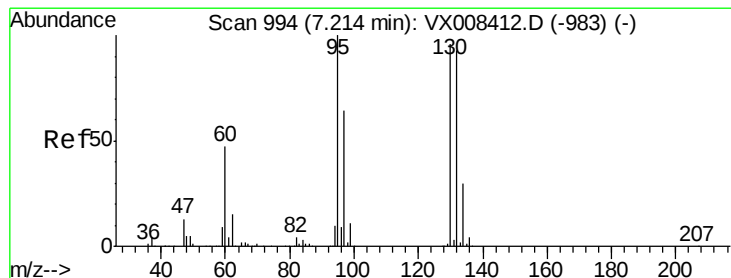
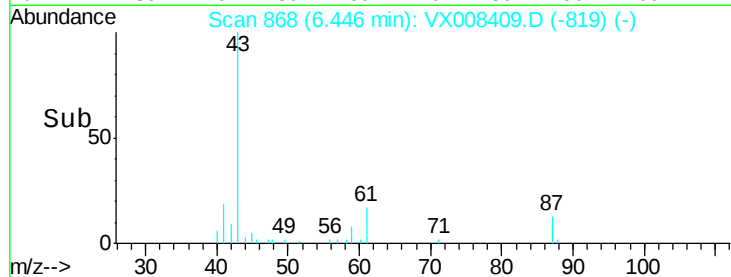
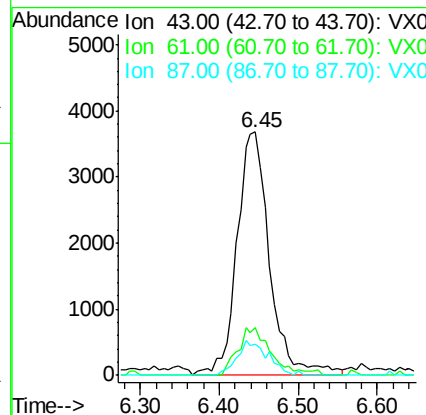
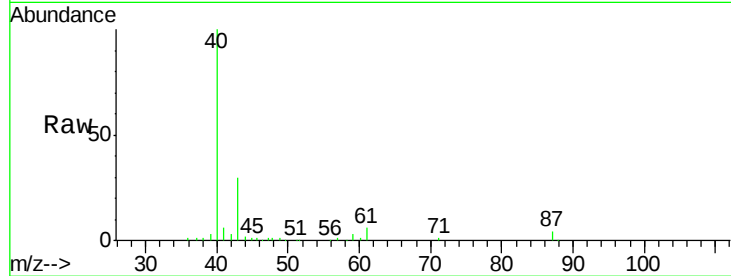
Isopropyl Acetate
 Concen: 1.372 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.2
87	13.4	9.1	13.7

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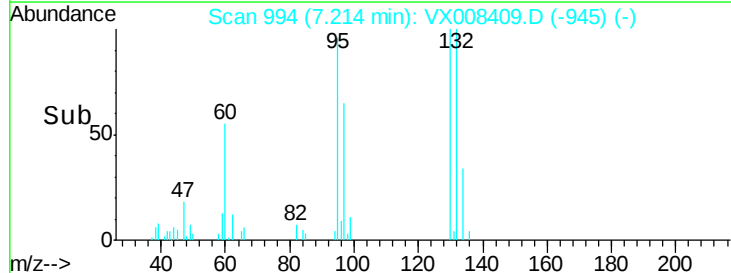
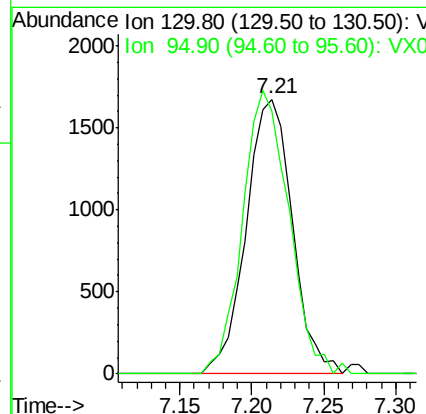
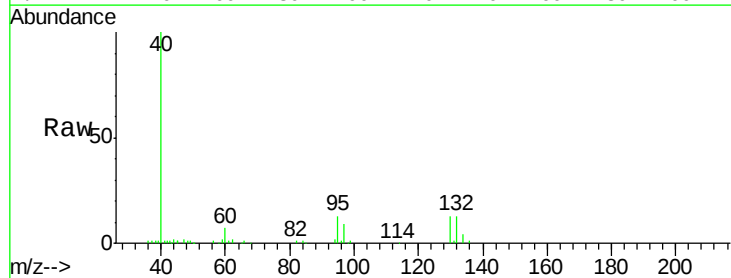
MMDadoda
 3/26/2019 9:46:21 AM

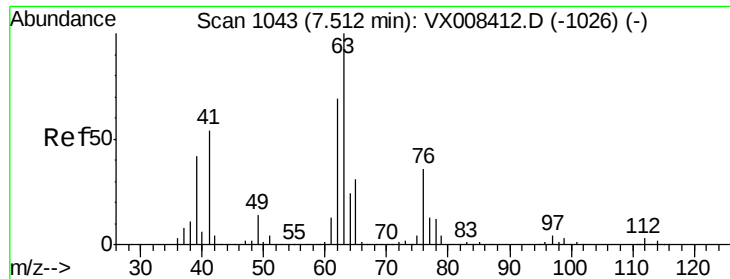


#44

Trichloroethene
 Concen: 1.433 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	208.8





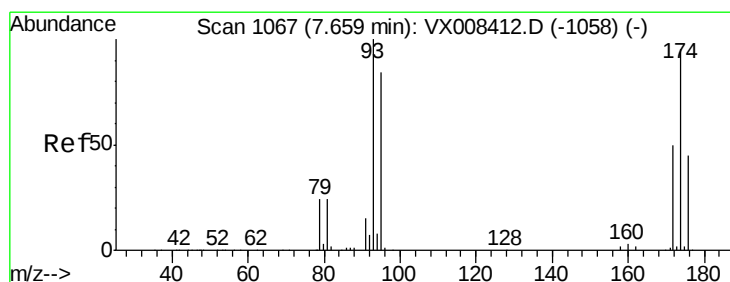
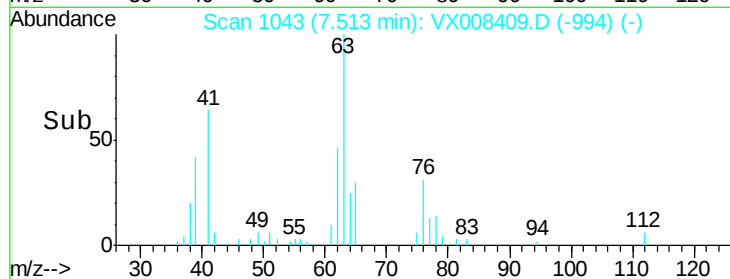
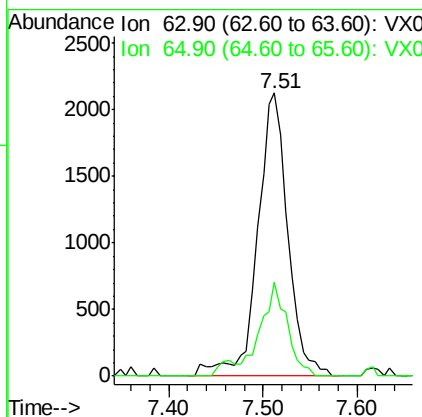
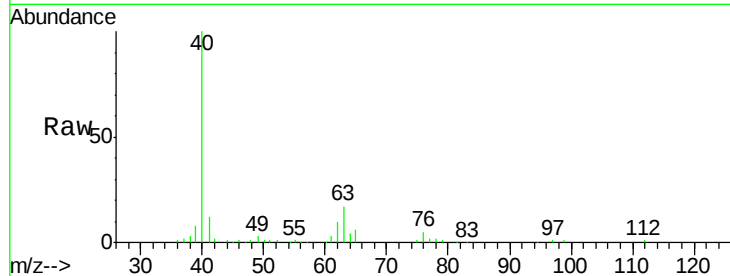
#45
 1,2-Dichloropropane
 Concen: 1.517 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 4797
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.1 37.7

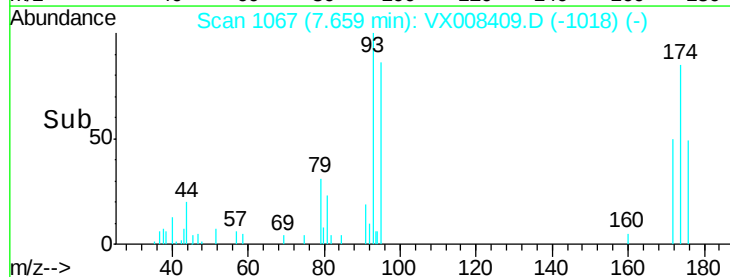
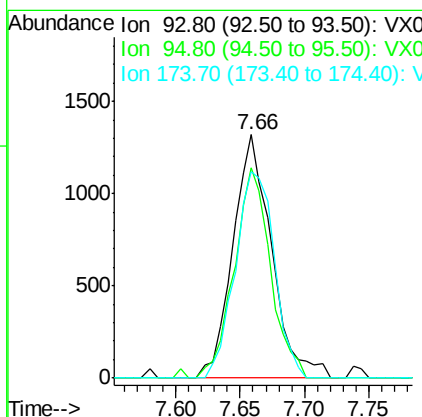
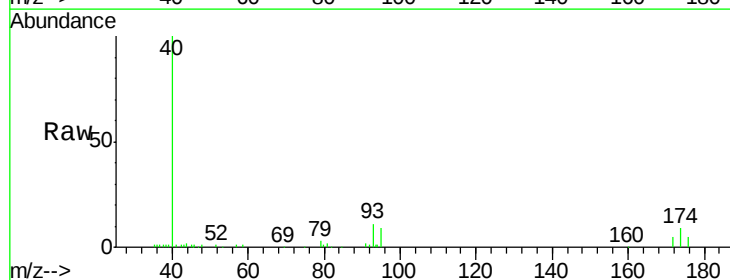
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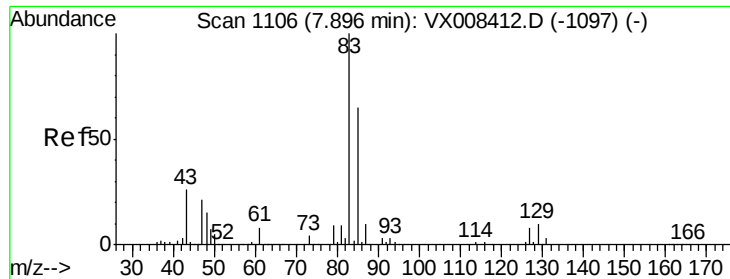
MMDadoda
 3/26/2019 9:46:21 AM



#46
 Dibromomethane
 Concen: 1.470 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion: 93 Resp: 2753
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.0 100.6
 174 85.5 76.0 114.0





#47

Bromodichloromethane

Concen: 1.326 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

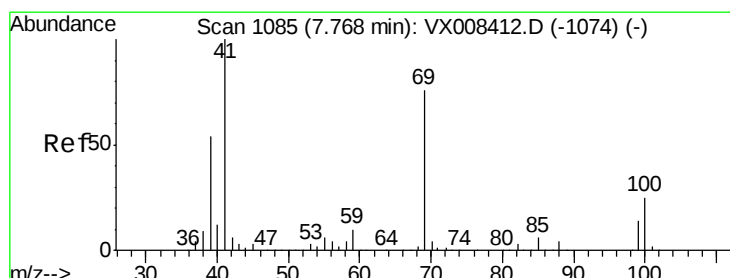
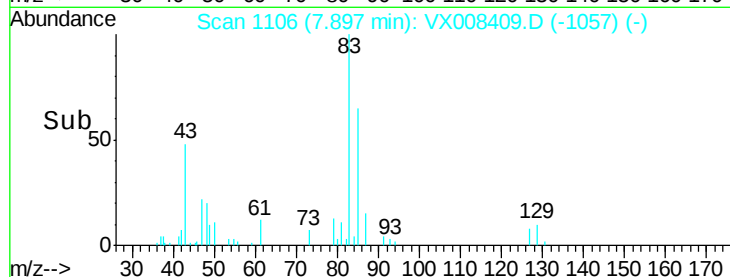
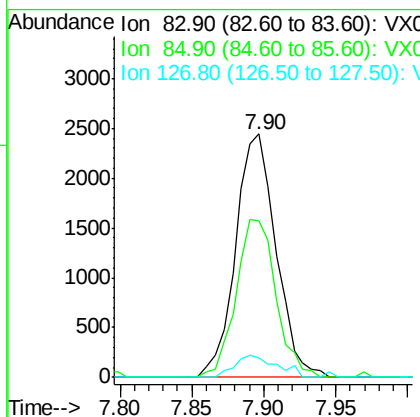
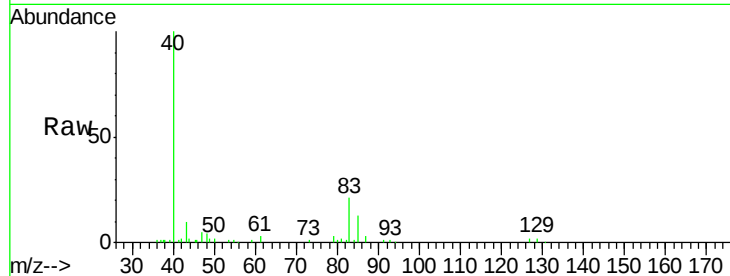
ClientSampleId :

VSTDIC001

Tot Ion:	83	Resp:	4744
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0
127	7.9	6.4	9.6

Manual Integrations
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MMDadoda
3/26/2019 9:46:21 AM



#48

Methyl methacrylate

Concen: 1.209 ug/l

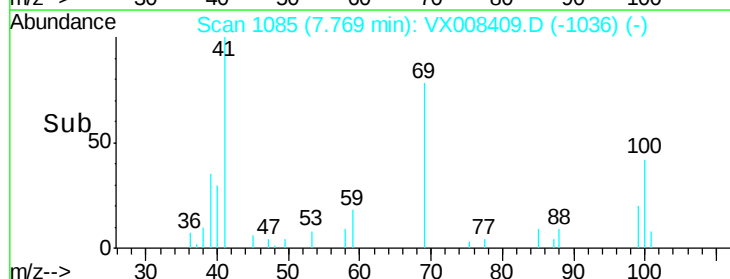
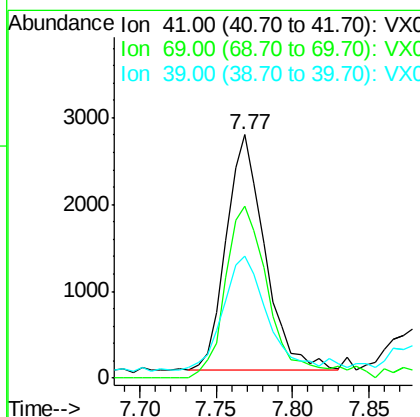
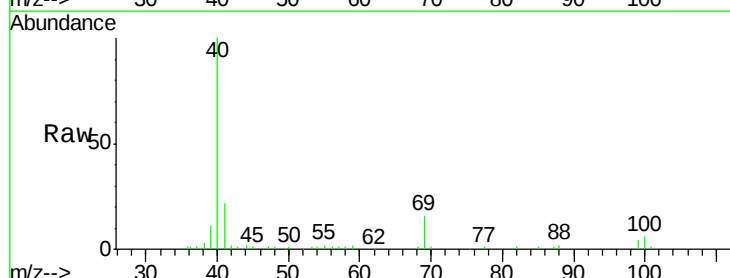
RT: 7.77 min Scan# 1085

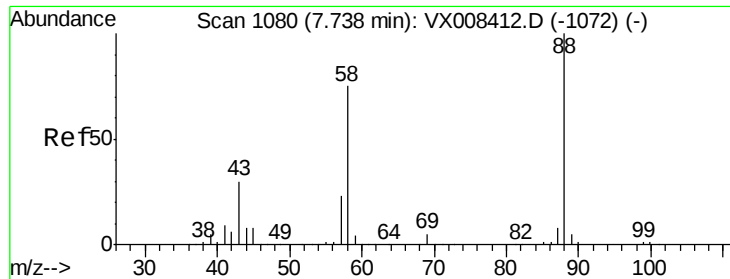
Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion:	41	Resp:	4718
Ion	Ratio	Lower	Upper
41	100		
69	81.7	60.8	91.2
39	54.3	42.3	63.5





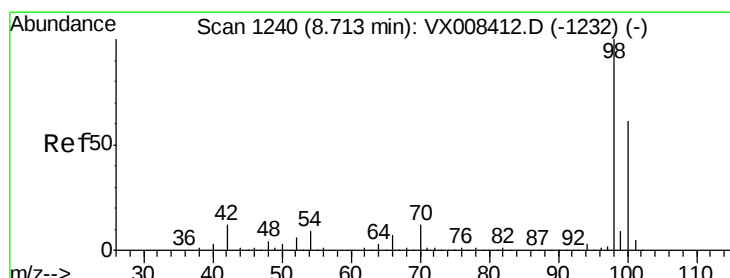
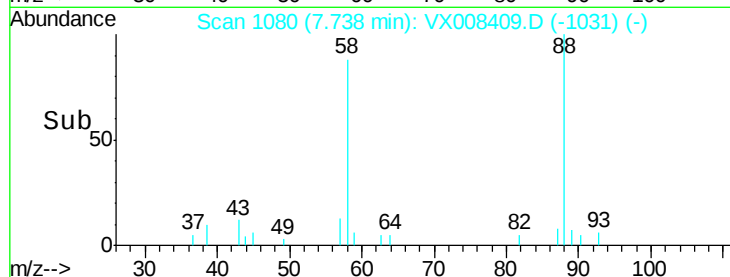
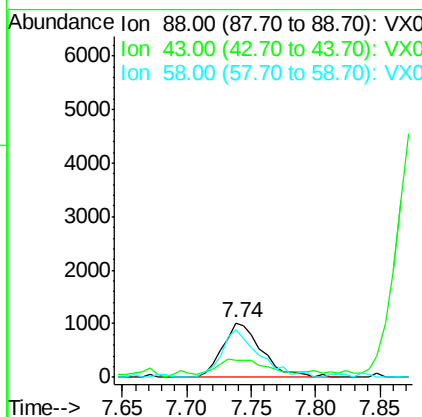
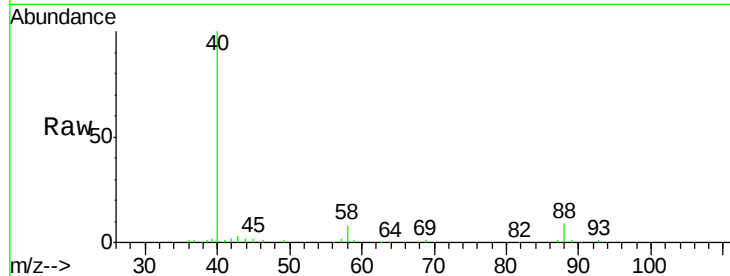
#49
1,4-Dioxane
Concen: 27.294 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	28.6	43.0
58	85.3	63.0	94.4

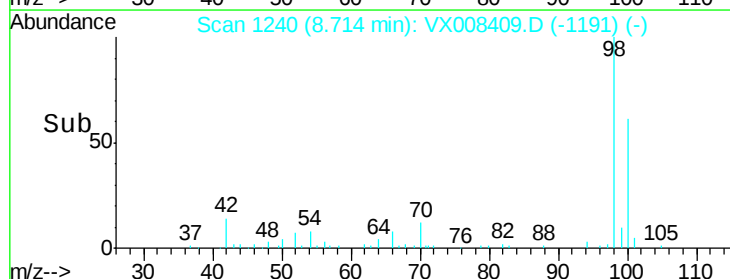
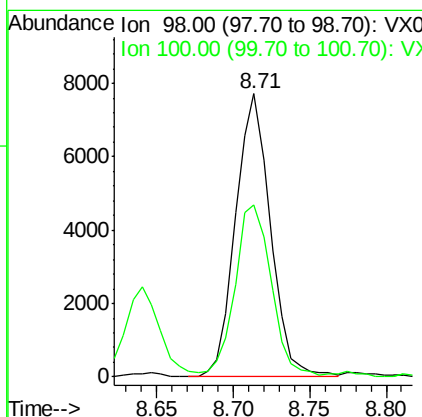
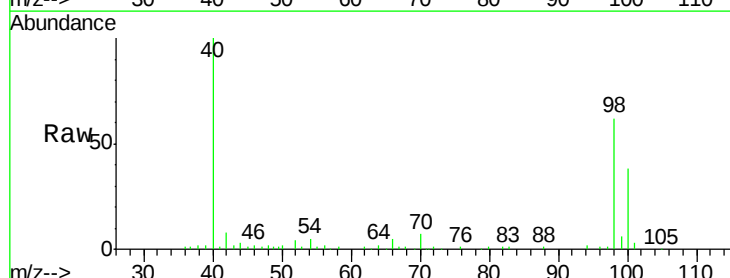
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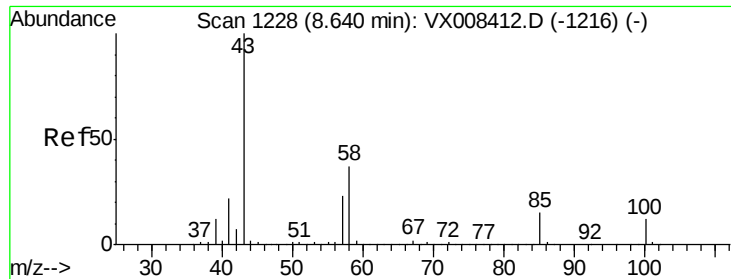
MMDadoda
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#50
Toluene-d8
Concen: 1.320 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 6.286 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 31916

Ion Ratio Lower Upper

43 100

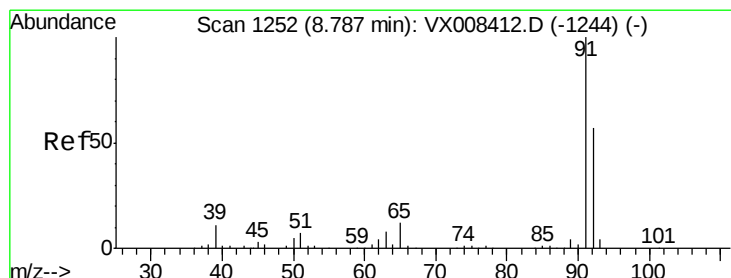
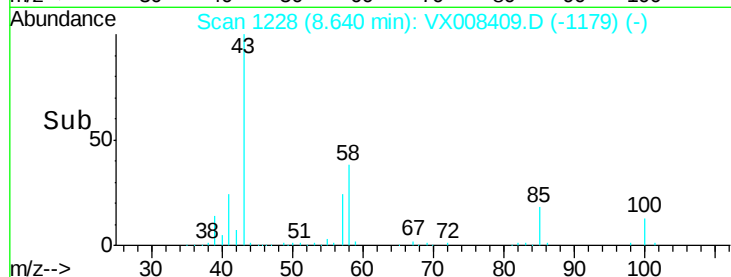
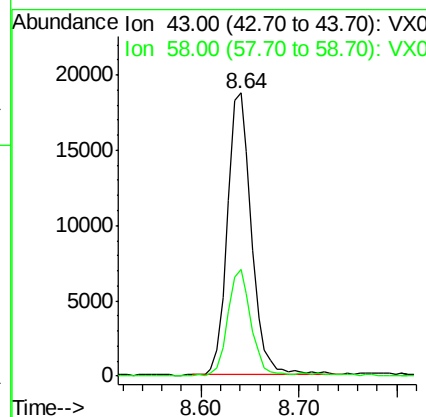
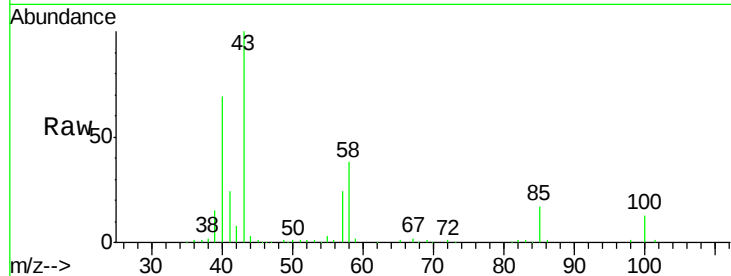
58 36.6 29.8 44.8

Manual Integrations

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#52

Toluene

Concen: 1.468 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008409.D

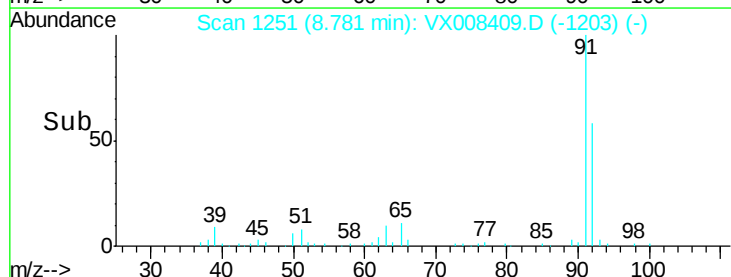
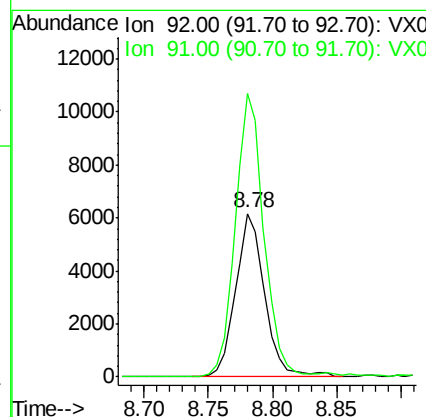
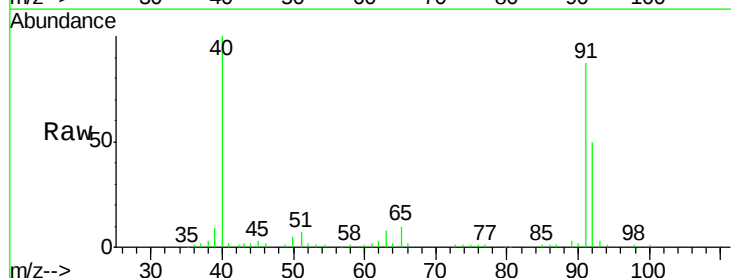
Acq: 25 Mar 2019 13:44

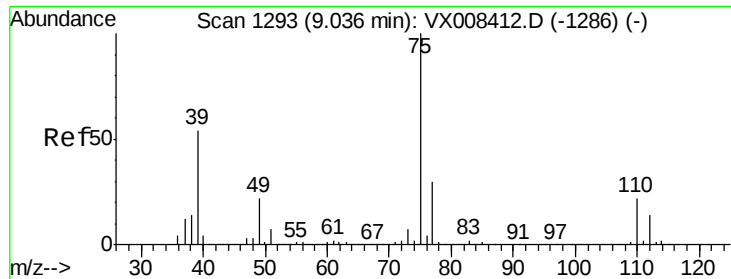
Tgt Ion: 92 Resp: 9638

Ion Ratio Lower Upper

92 100

91 171.7 140.2 210.4





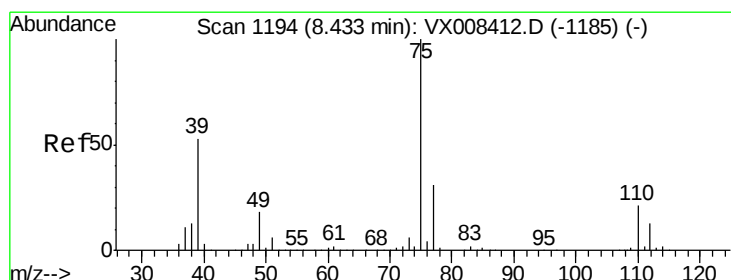
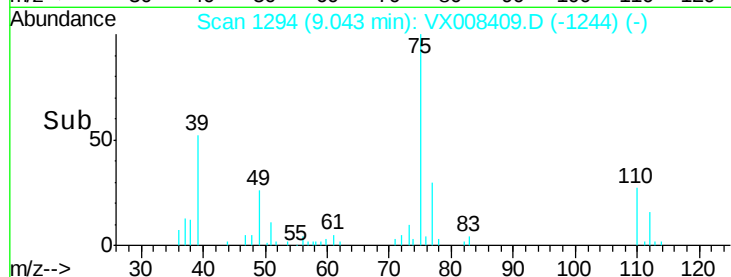
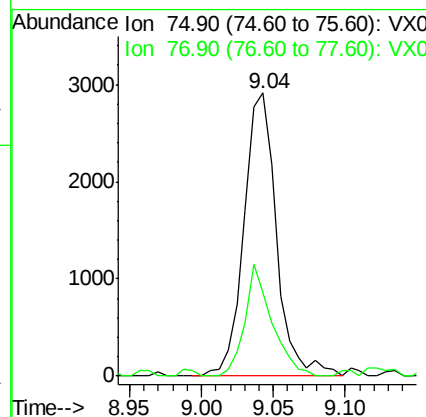
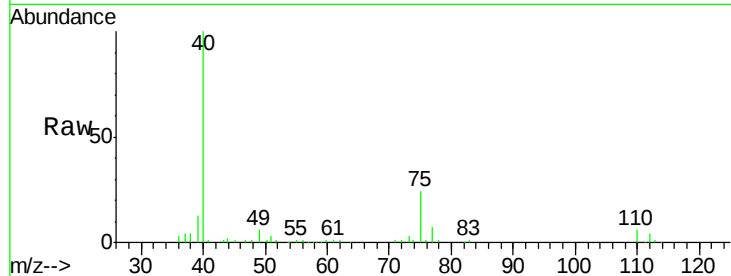
#53
 t-1,3-Dichloropropene
 Concen: 1.183 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 4561
 Ion Ratio Lower Upper
 75 100
 77 27.7 24.3 36.5

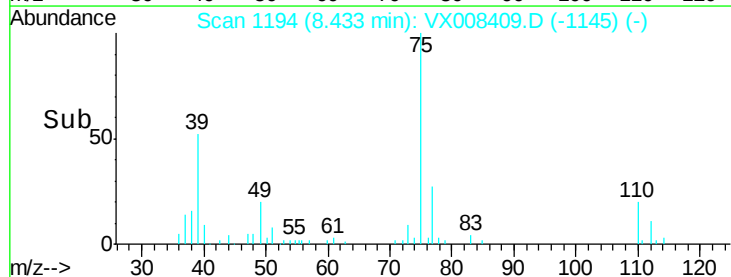
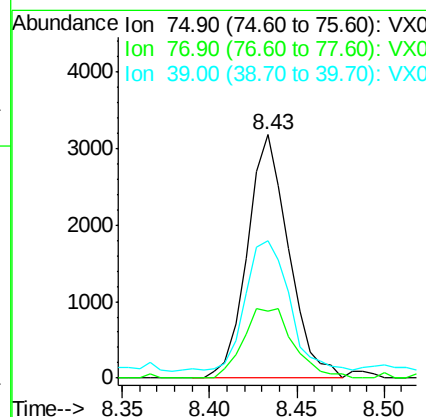
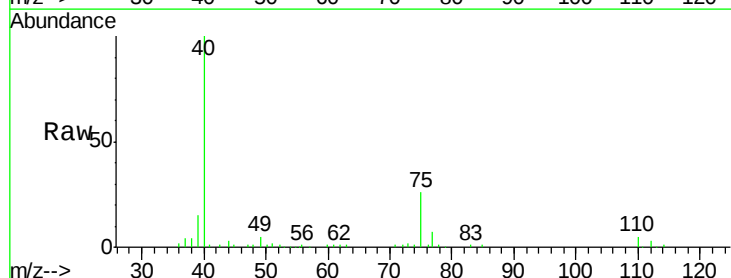
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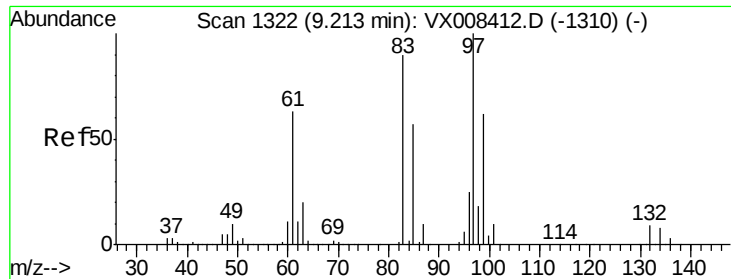
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#54
 cis-1,3-Dichloropropene
 Concen: 1.196 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion: 75 Resp: 5208
 Ion Ratio Lower Upper
 75 100
 77 27.4 24.7 37.1
 39 52.5 42.4 63.6





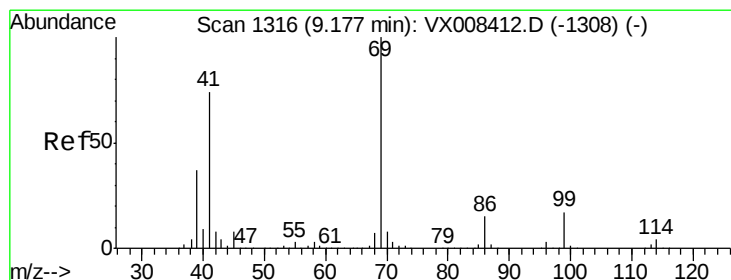
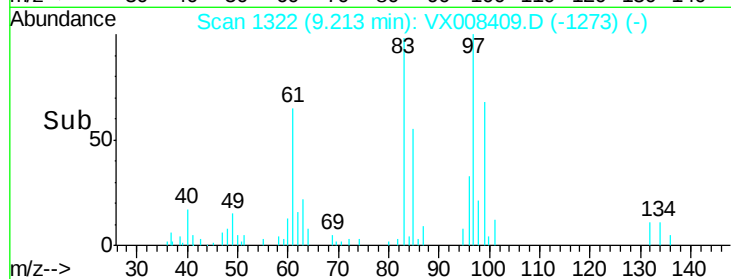
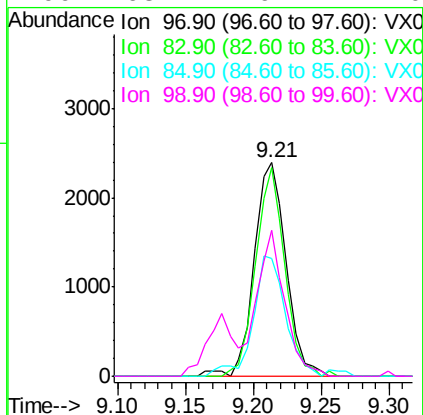
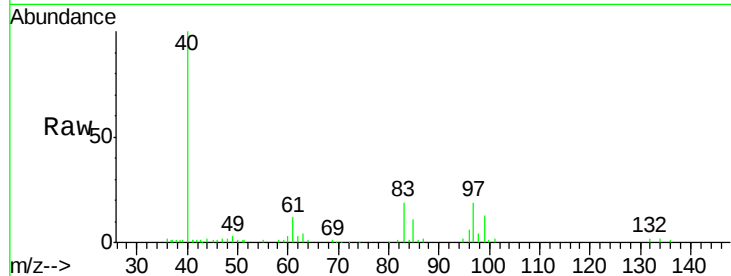
#55
 1,1,2-Trichloroethane
 Concen: 1.445 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	97	Resp:	3940
Ion	Ratio	Lower	Upper
97	100		
83	97.9	71.8	107.6
85	55.0	45.9	68.9
99	68.1	49.4	74.0

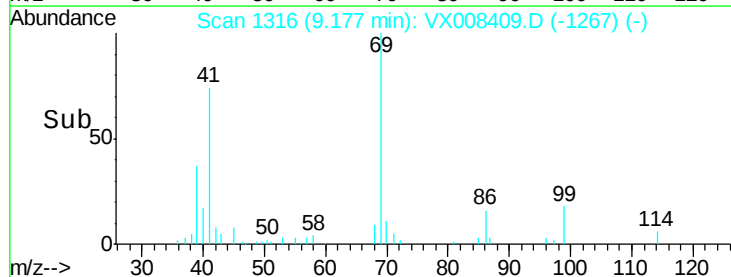
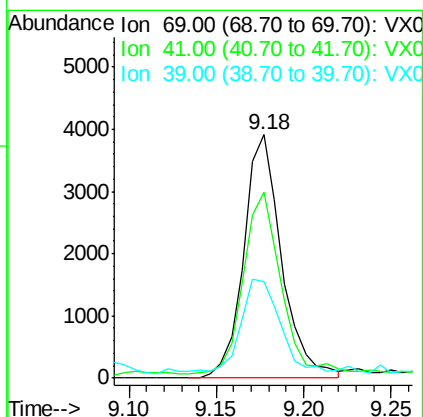
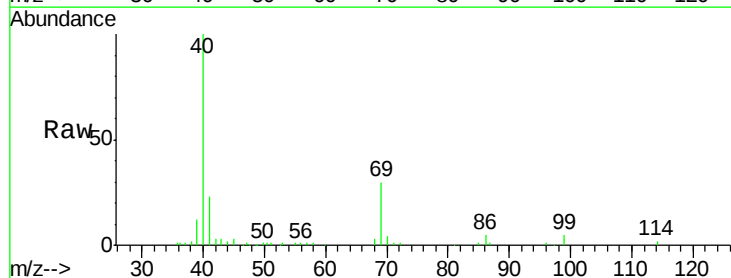
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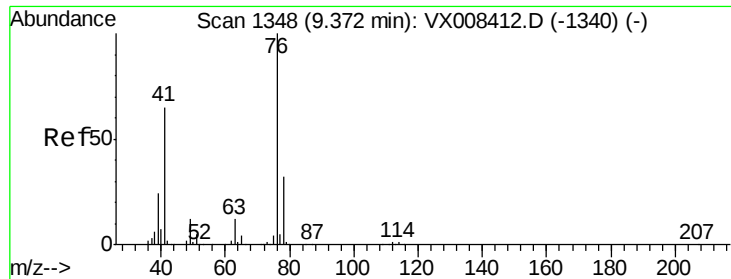
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#56
 Ethyl methacrylate
 Concen: 1.224 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion:	69	Resp:	5914
Ion	Ratio	Lower	Upper
69	100		
41	73.8	59.5	89.3
39	37.8	29.3	43.9





#57

1,3-Dichloropropane

Concen: 1.425 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 6910

Ion Ratio Lower Upper

76 100

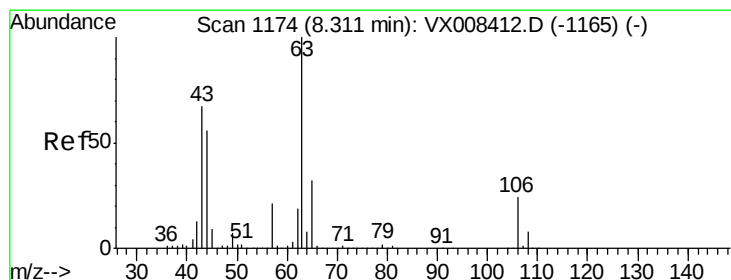
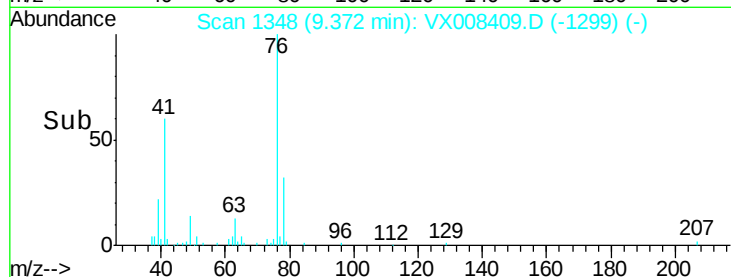
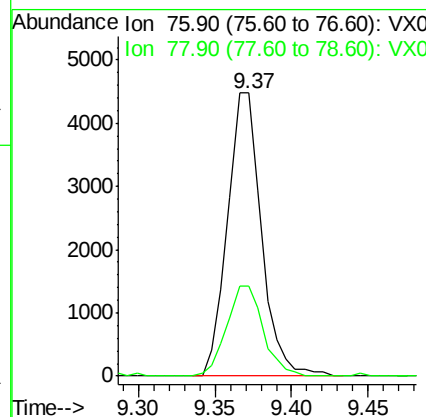
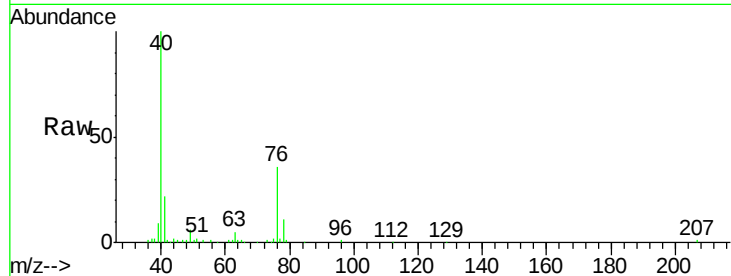
78 34.1 25.8 38.8

Manual Integrations

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MMDadoda

3/26/2019 9:46:21 AM



#58

2-Chloroethyl Vinyl ether

Concen: 6.813 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008409.D

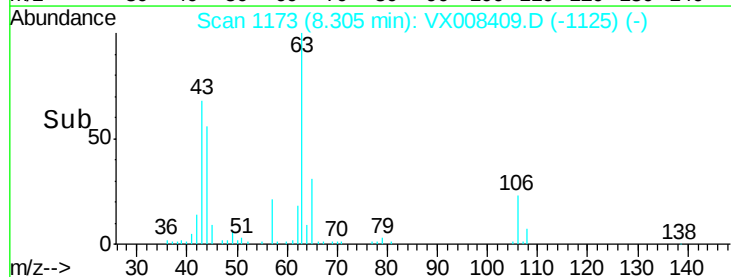
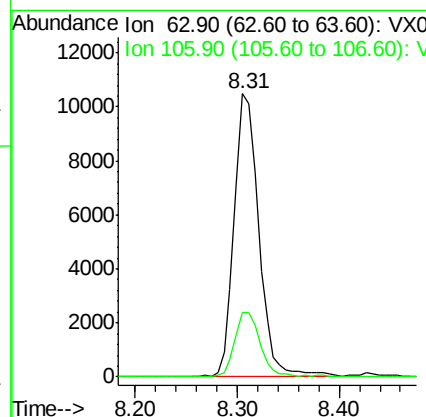
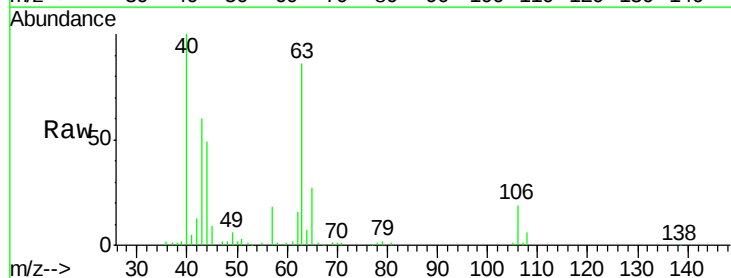
Acq: 25 Mar 2019 13:44

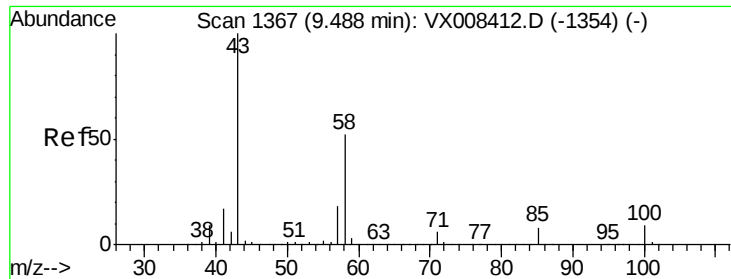
Tgt Ion: 63 Resp: 17591

Ion Ratio Lower Upper

63 100

106 23.4 19.0 28.6





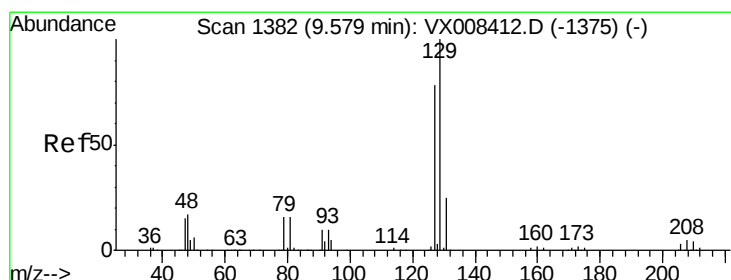
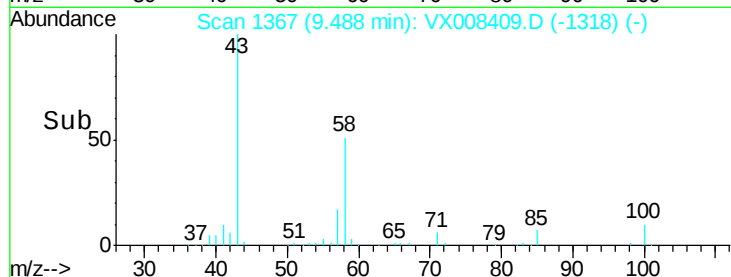
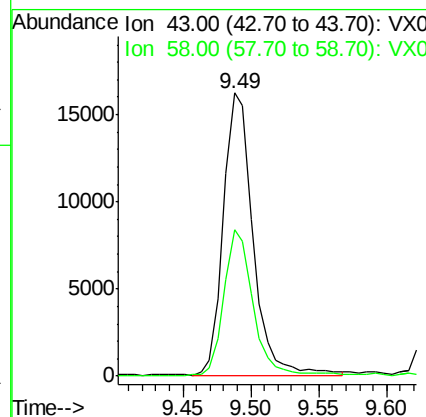
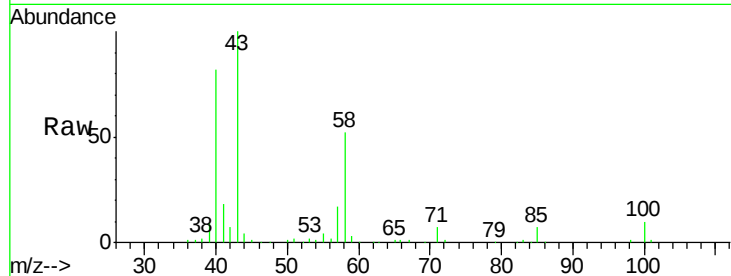
#59
2-Hexanone
Concen: 6.346 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 24860
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.9

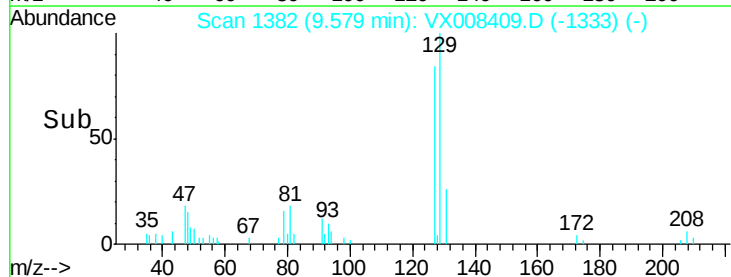
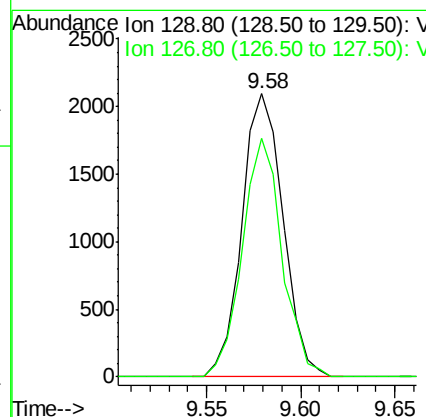
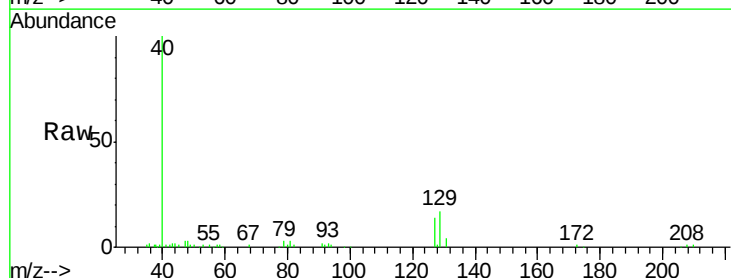
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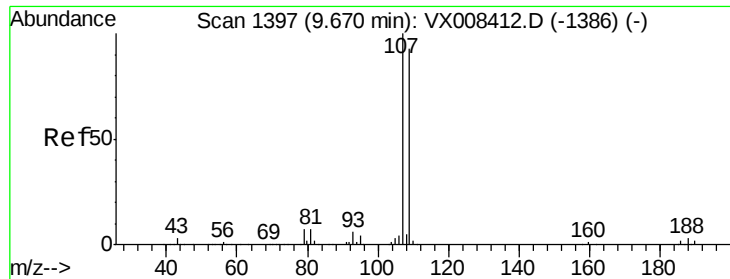
MMDadoda
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#60
Dibromochloromethane
Concen: 1.250 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion: 129 Resp: 3166
Ion Ratio Lower Upper
129 100
127 81.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 1.385 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 107 Resp: 3829

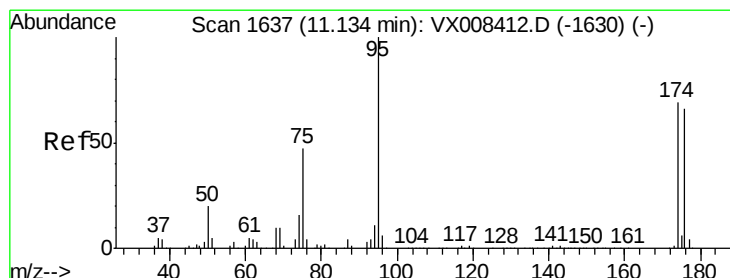
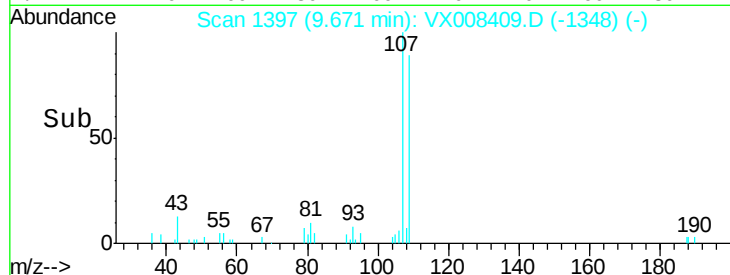
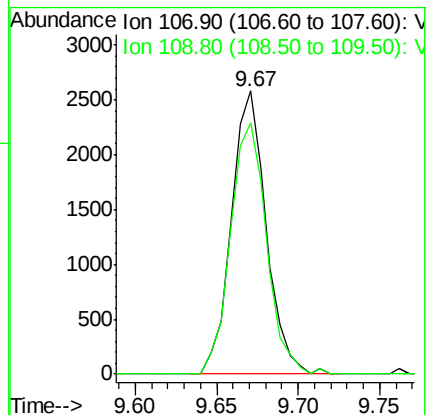
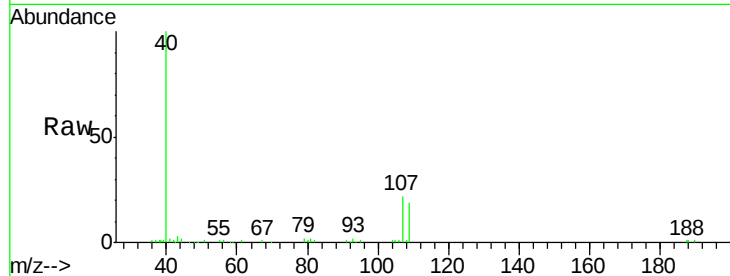
Ion Ratio Lower Upper

107 100

109 92.1 74.6 111.8

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#62

4-Bromofluorobenzene

Concen: 1.143 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

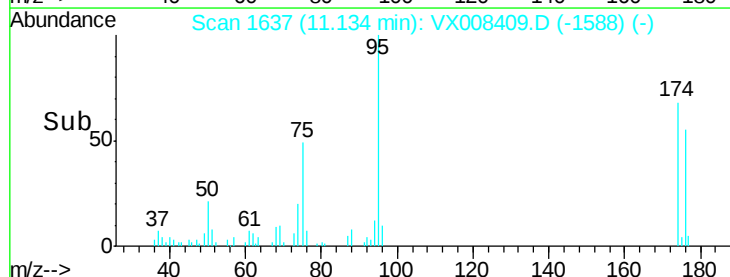
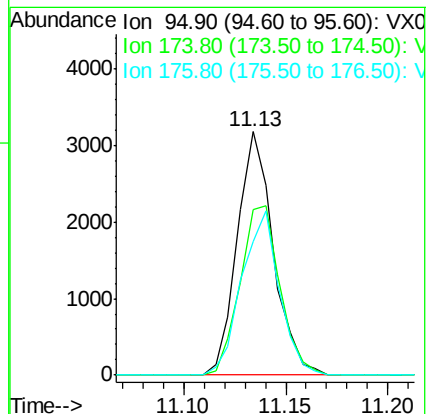
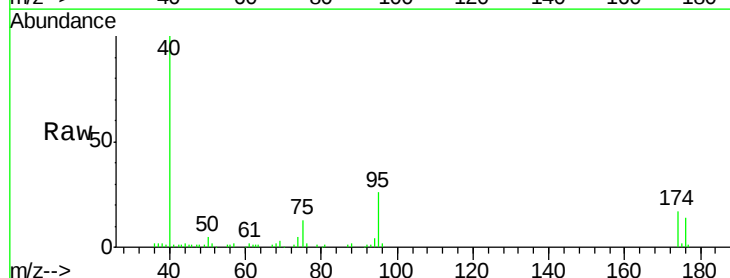
Tgt Ion: 95 Resp: 3897

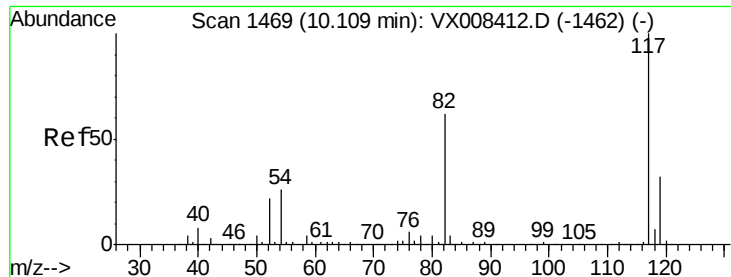
Ion Ratio Lower Upper

95 100

174 76.8 0.0 147.2

176 70.5 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:117 Resp: 311629

Ion Ratio Lower Upper

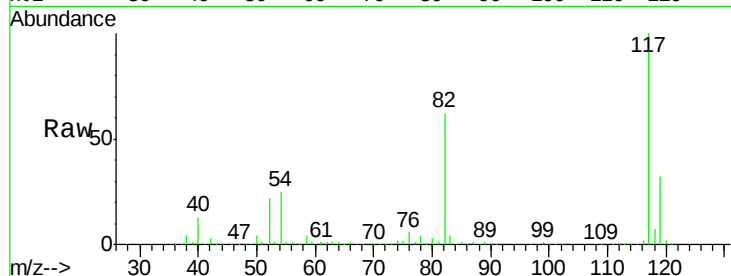
117 100

82 61.9 49.4 74.2

119 32.3 25.4 38.0

Manual Integrations
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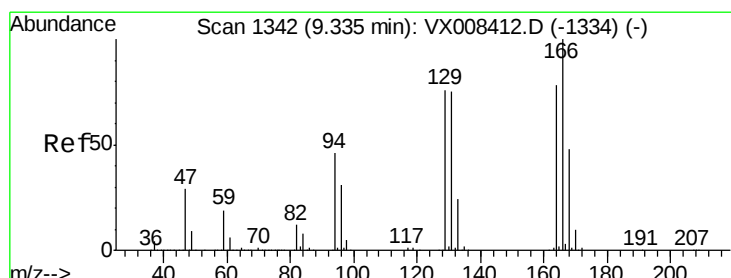
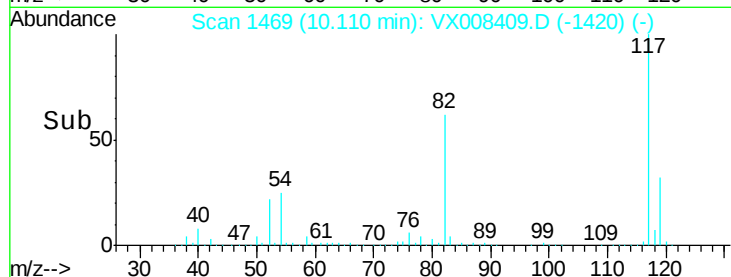
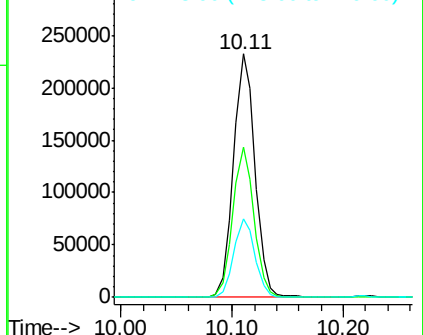


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.572 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion:164 Resp: 3206

Ion Ratio Lower Upper

164 100

166 125.0 102.5 153.7

129 88.8 77.8 116.8

131 88.1 76.9 115.3

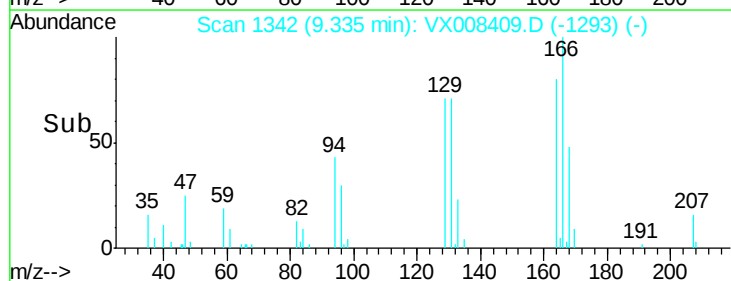
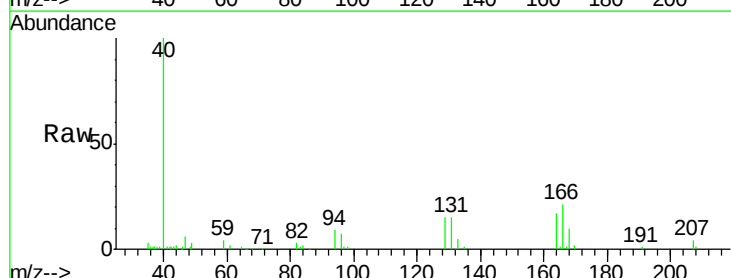
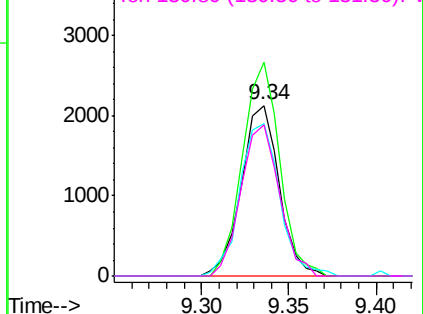
Abundance

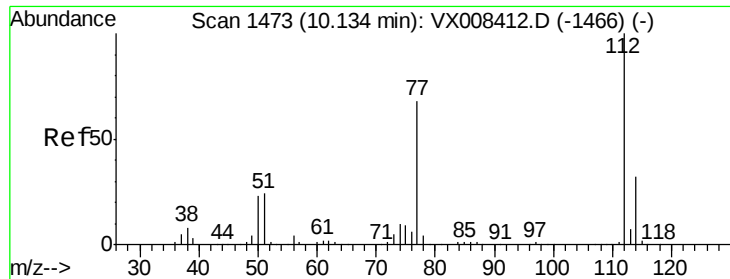
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





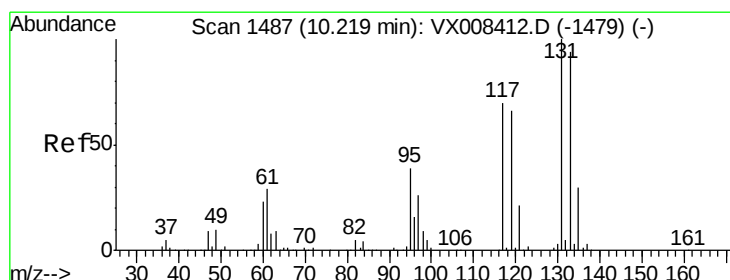
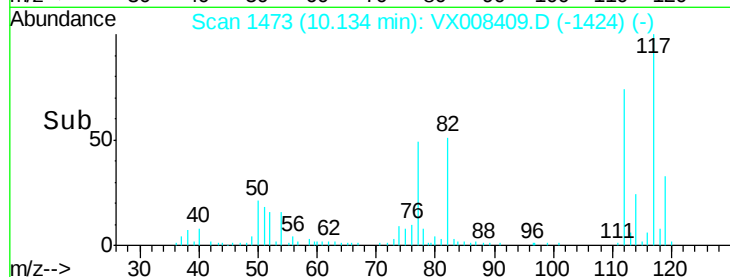
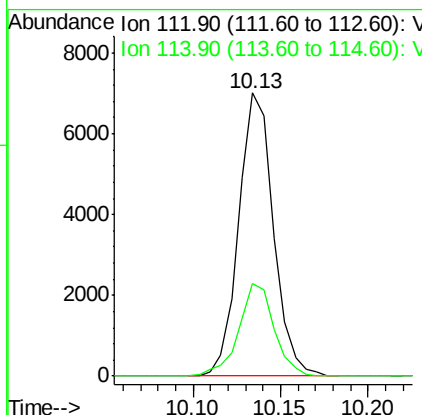
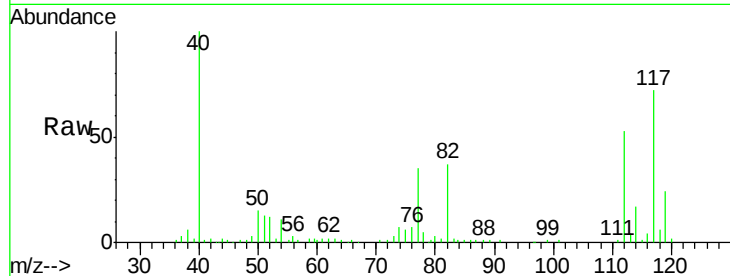
#65
 Chlorobenzene
 Concen: 1.474 ug/l
 RT: 10.13 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:112 Resp: 9660
 Ion Ratio Lower Upper
 112 100
 114 32.6 25.4 38.2

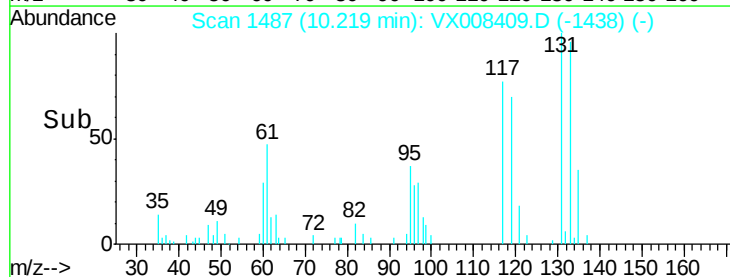
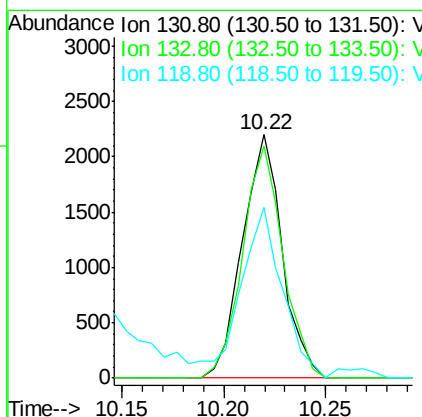
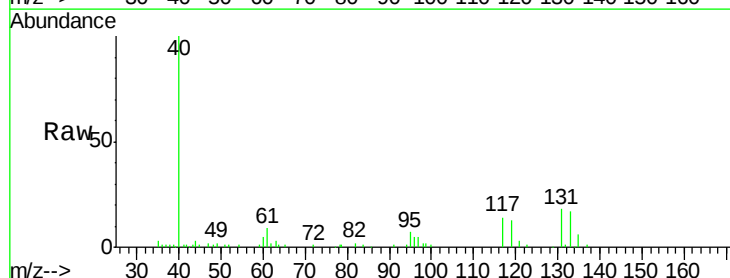
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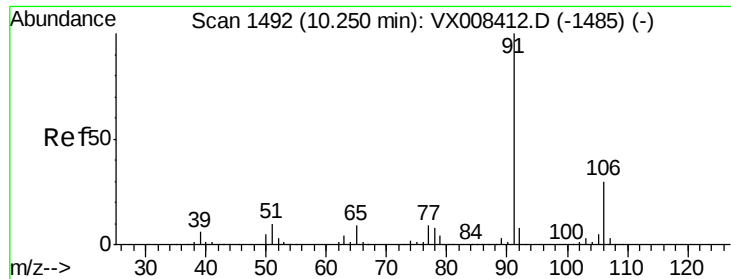
MMDadoda
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#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.311 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion:131 Resp: 2982
 Ion Ratio Lower Upper
 131 100
 133 96.6 47.3 141.8
 119 0.0 33.6 100.6#





#67

Ethyl Benzene

Concen: 1.446 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 17783

Ion Ratio Lower Upper

91 100

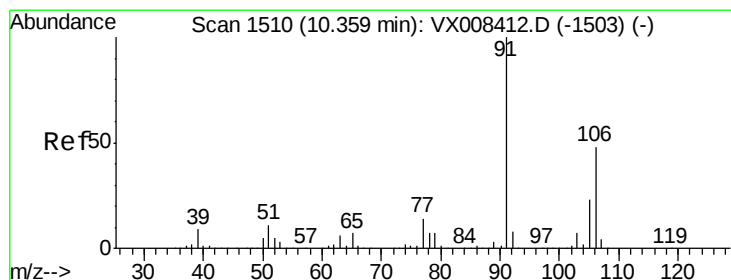
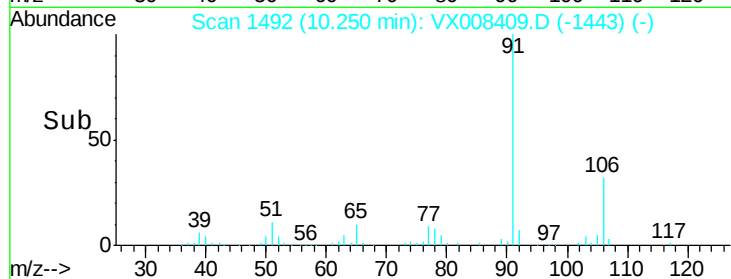
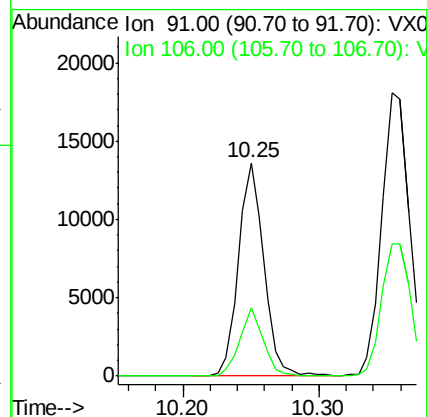
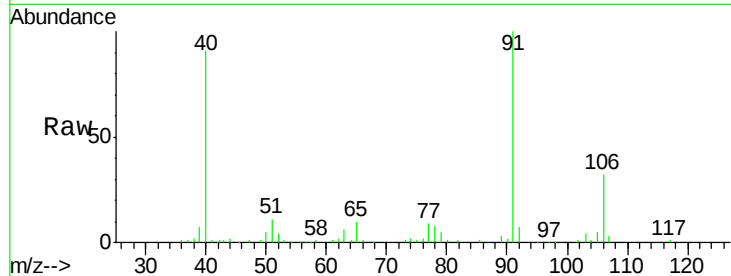
106 31.8 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 2.899 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008409.D

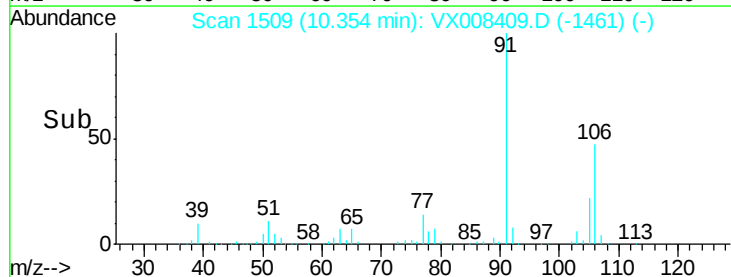
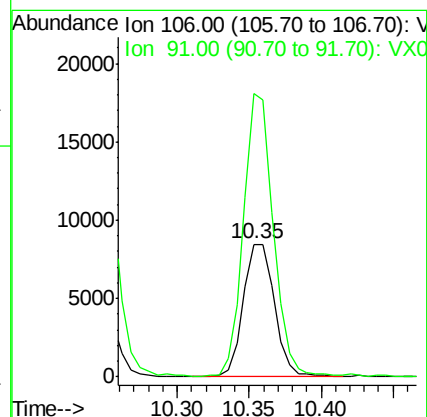
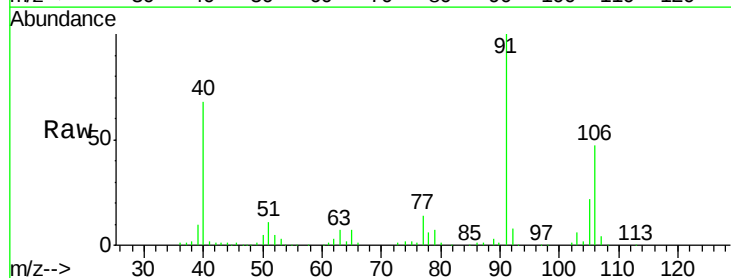
Acq: 25 Mar 2019 13:44

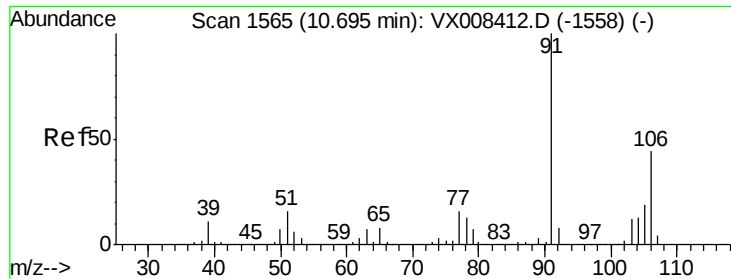
Tgt Ion: 106 Resp: 12808

Ion Ratio Lower Upper

106 100

91 200.4 168.6 253.0





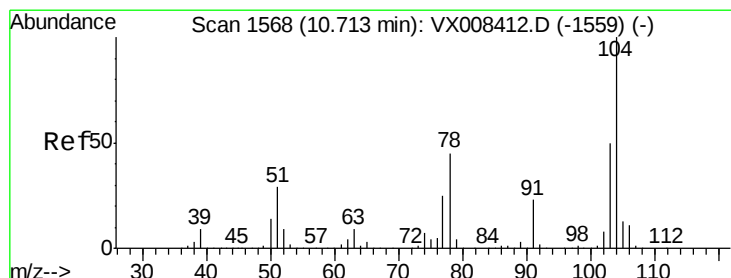
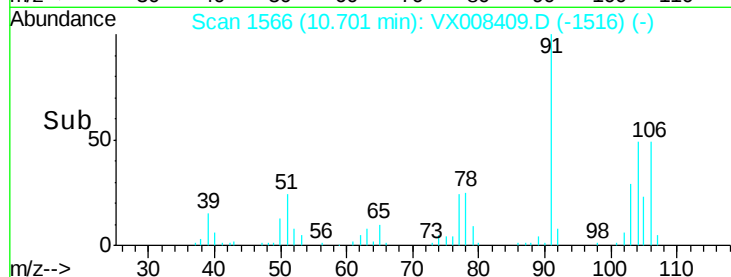
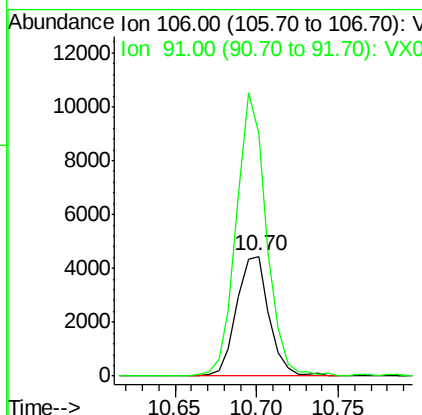
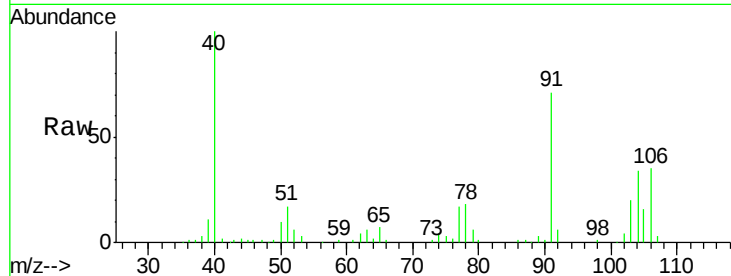
#69
o-Xylene
Concen: 1.423 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 6145
Ion Ratio Lower Upper
106 100
91 219.3 111.4 334.2

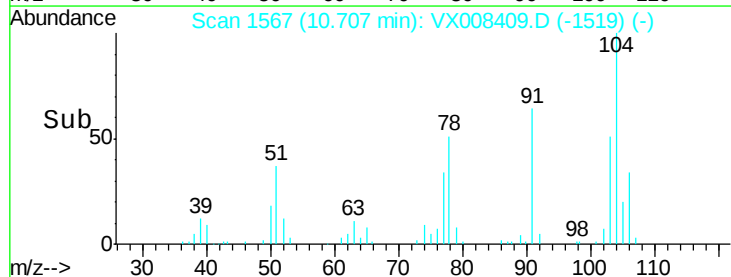
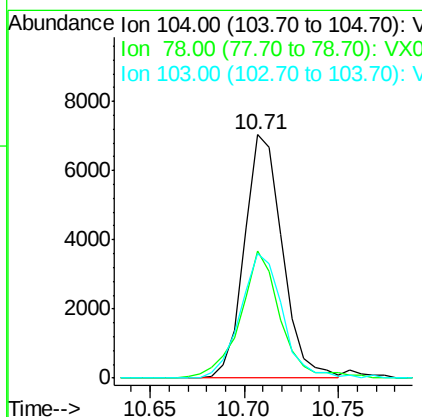
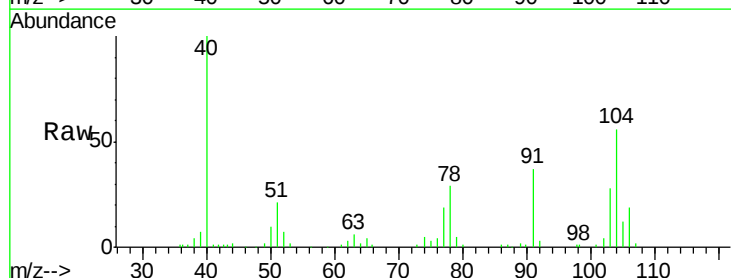
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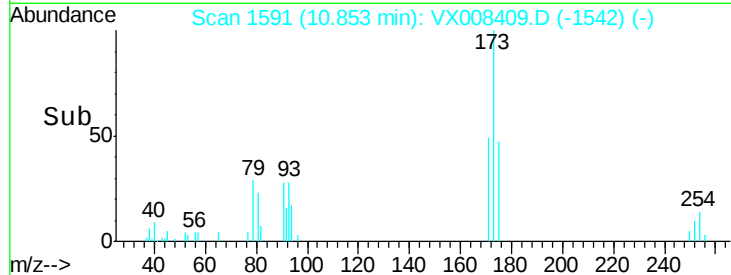
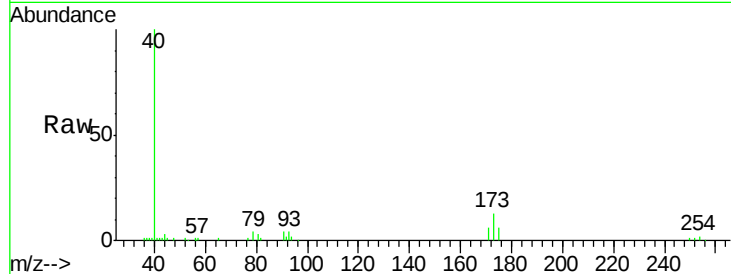
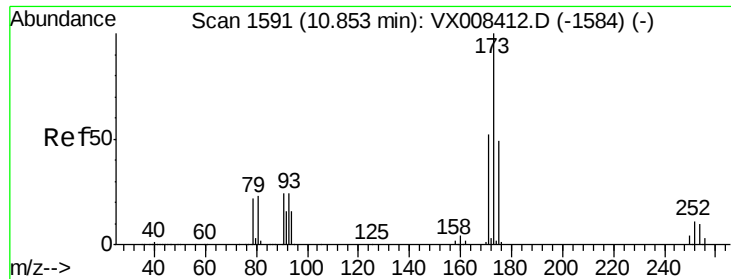
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#70
Styrene
Concen: 1.316 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion:104 Resp: 9859
Ion Ratio Lower Upper
104 100
78 54.9 42.5 63.7
103 56.8 44.2 66.4





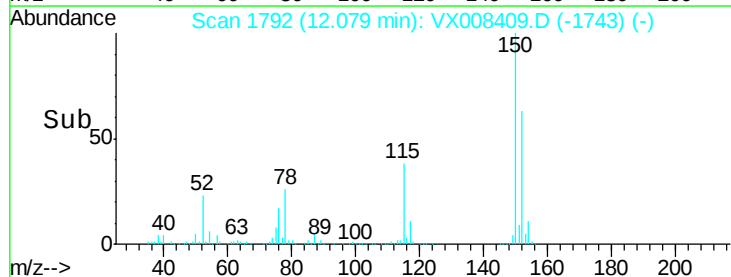
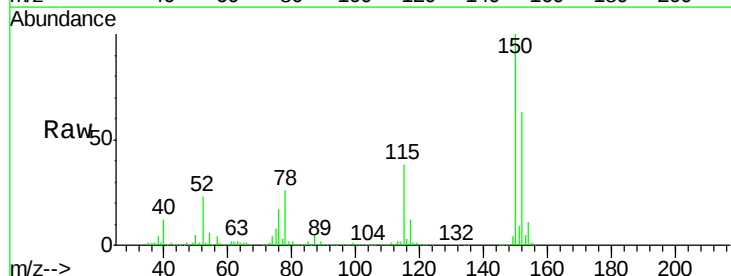
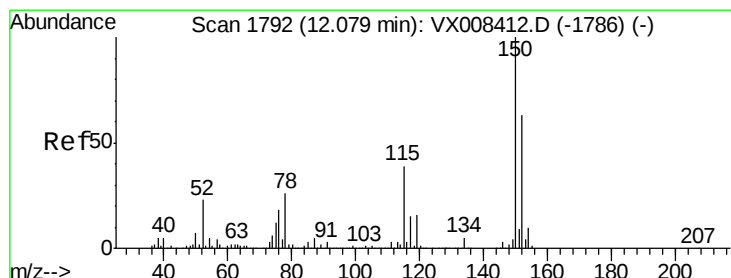
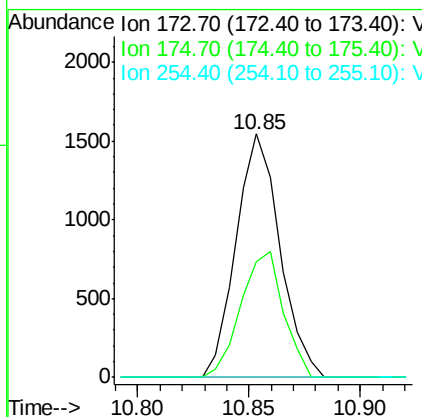
#71
Bromoform
Concen: 1.202 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.3	72.8
254	0.0	0.2	0.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

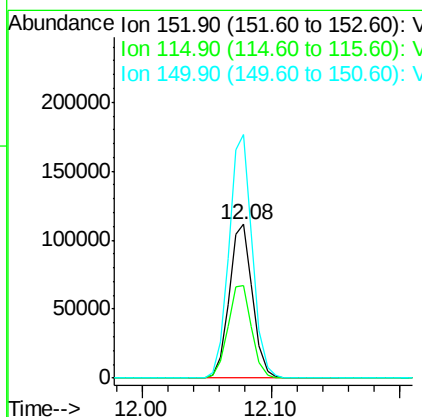
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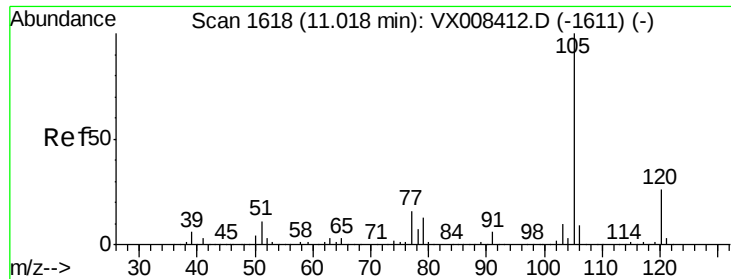
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	43.5	130.5
150	158.6	0.0	348.8





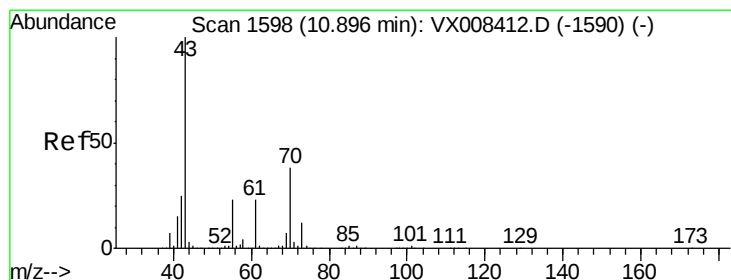
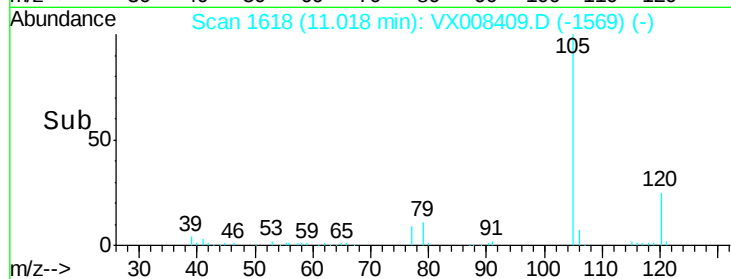
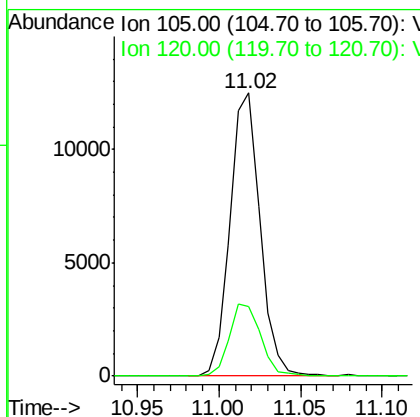
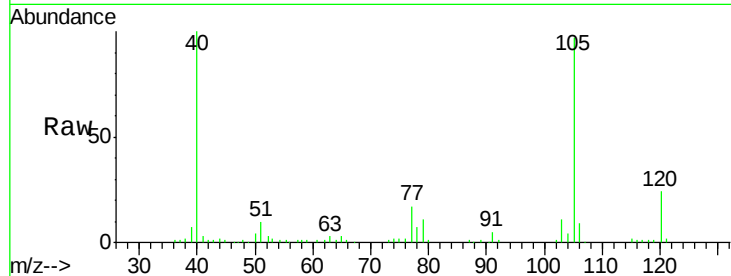
#73
Isopropylbenzene
Concen: 1.439 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 105 Resp: 15974
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.7

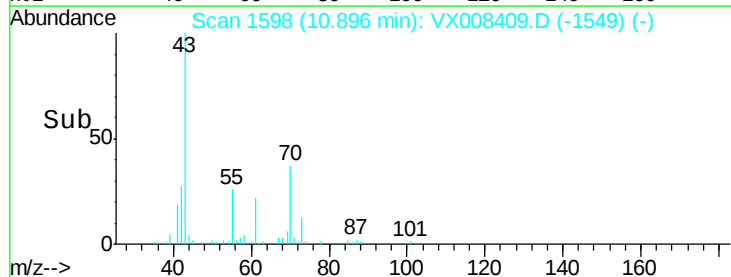
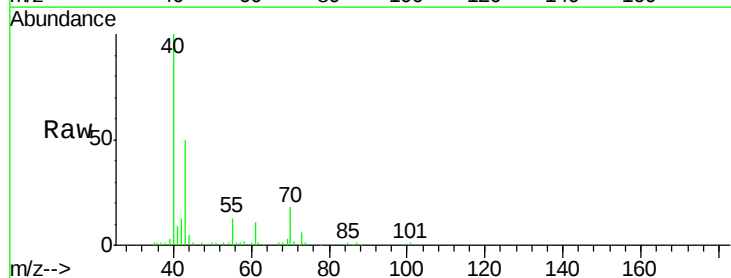
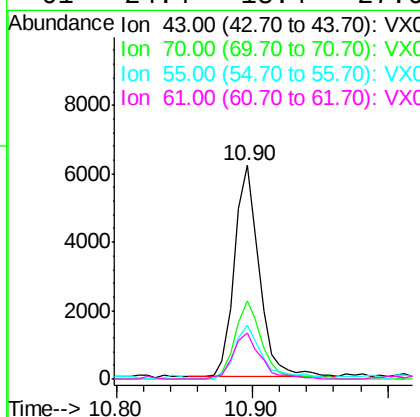
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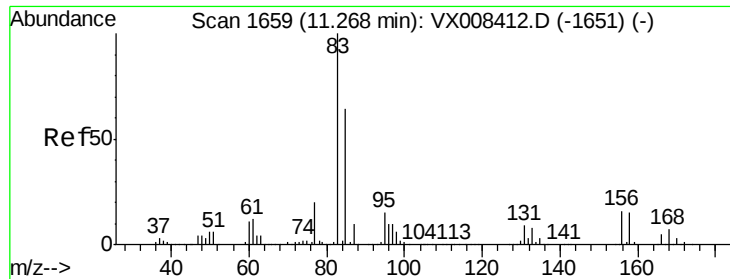
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#74
N-ethyl acetate
Concen: 1.195 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion: 43 Resp: 7772
Ion Ratio Lower Upper
43 100
70 40.7 30.5 45.7
55 29.0 18.2 27.2#
61 24.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.326 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

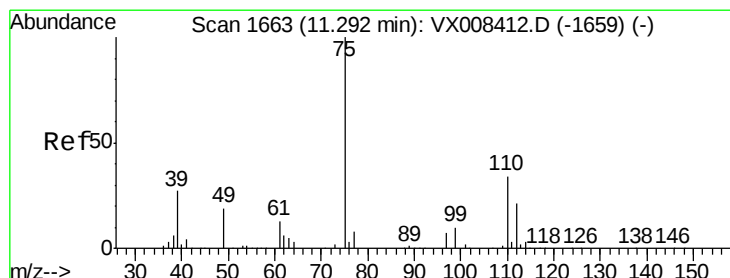
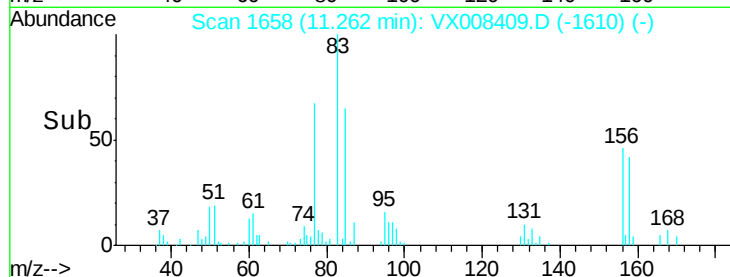
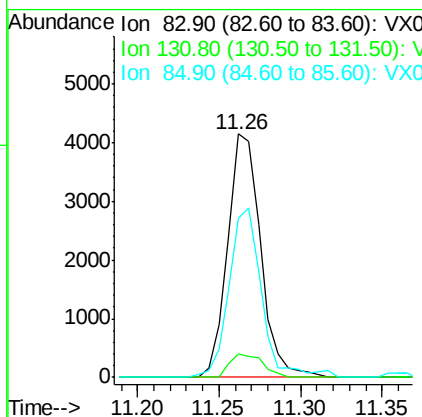
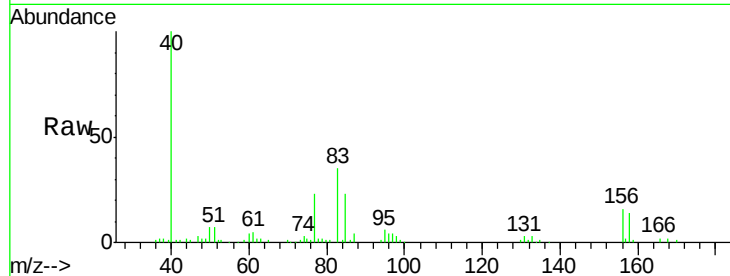
ClientSampleId :

VSTDIC001

Tot Ion:	83	Resp:	5853
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.5	13.4
85	68.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 1.514 ug/l m

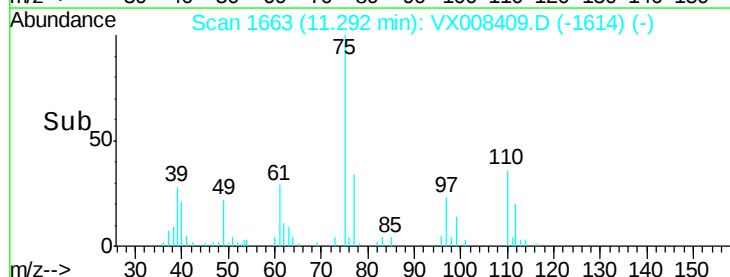
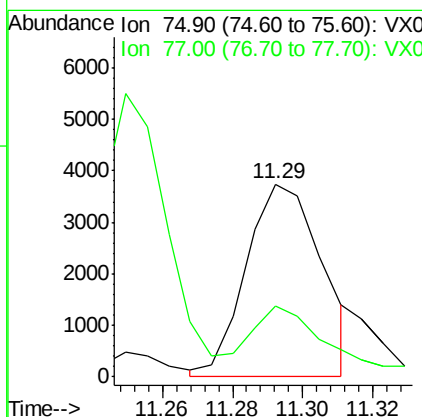
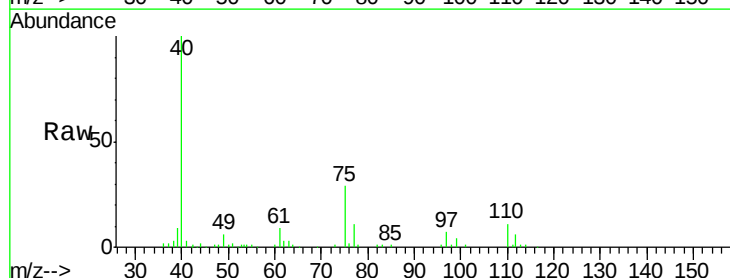
RT: 11.29 min Scan# 1663

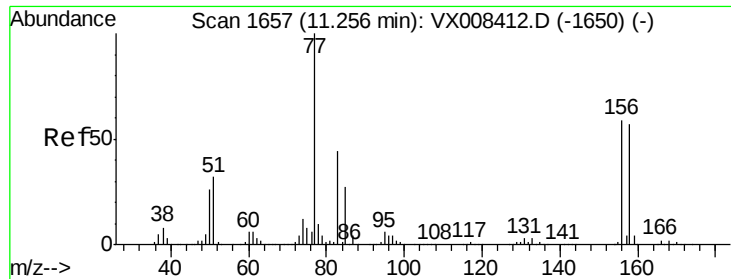
Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion:	75	Resp:	5579
Ion	Ratio	Lower	Upper
75	100		
77	39.4	21.9	65.7





#77

Bromobenzene

Concen: 1.543 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

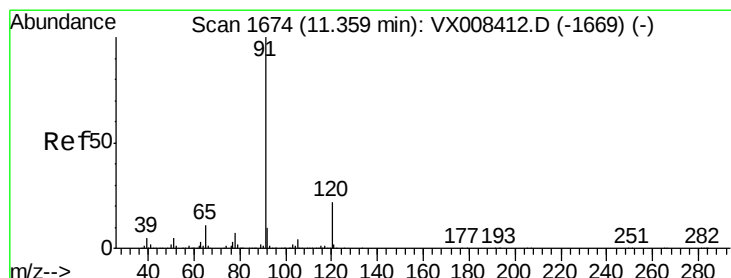
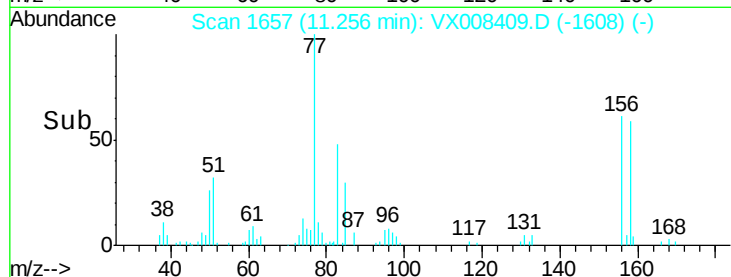
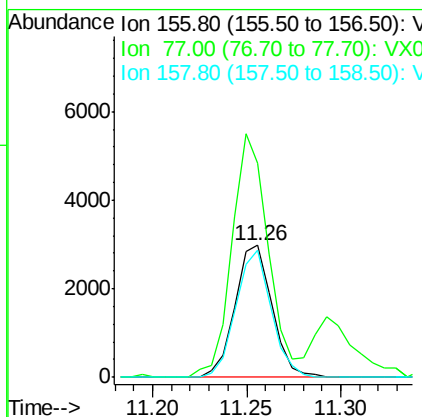
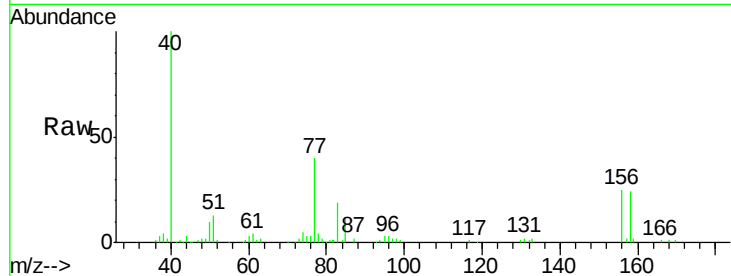
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
156	100		
77	178.7	91.1	273.3
158	91.8	48.3	144.8

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#78

n-propylbenzene

Concen: 1.409 ug/l

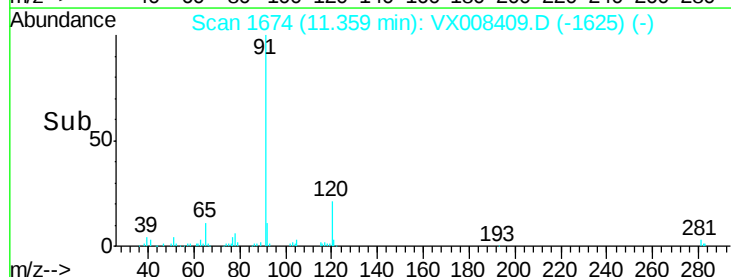
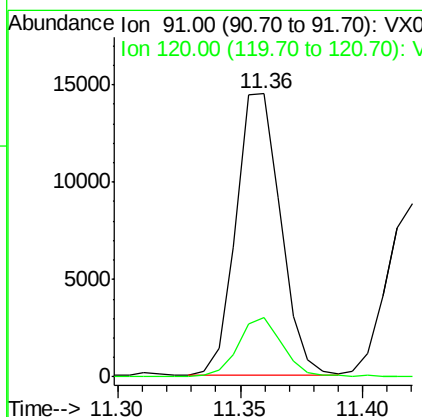
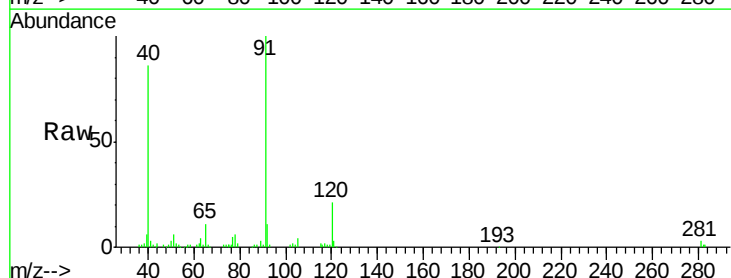
RT: 11.36 min Scan# 1674

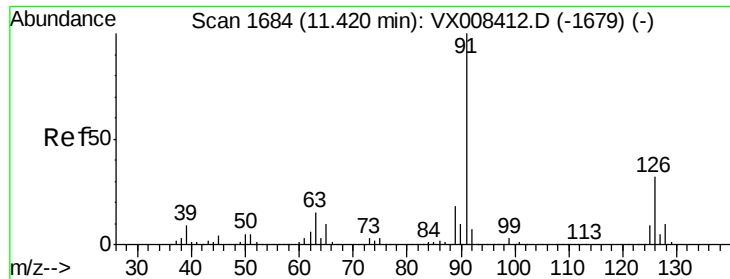
Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.1	10.8	32.4





#79

2-Chlorotoluene

Concen: 1.407 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 11178

Ion Ratio Lower Upper

91 100

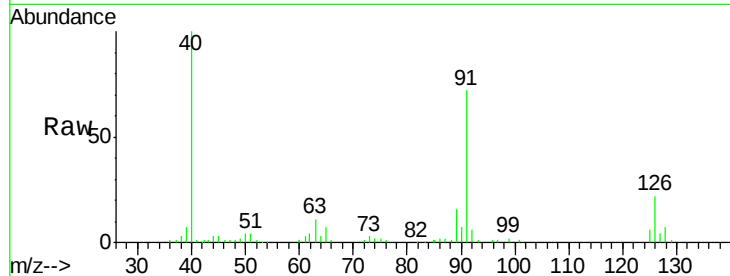
126 32.0 15.7 47.1

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Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)

15000

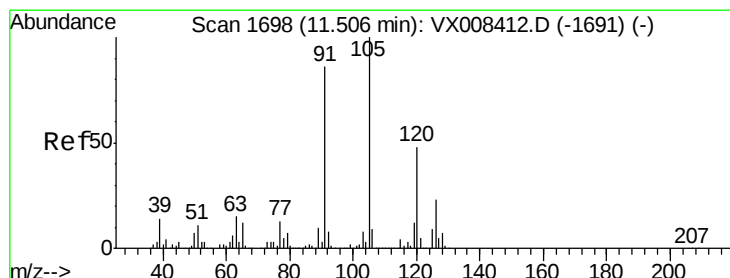
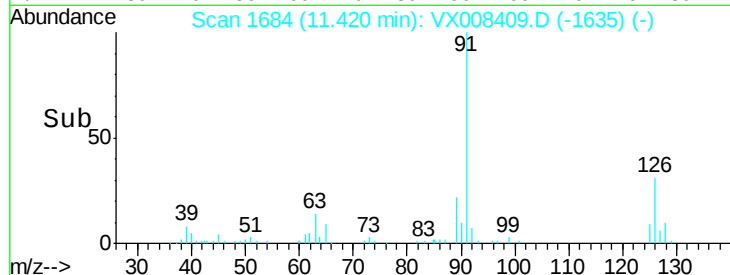
10000

5000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.410 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008409.D

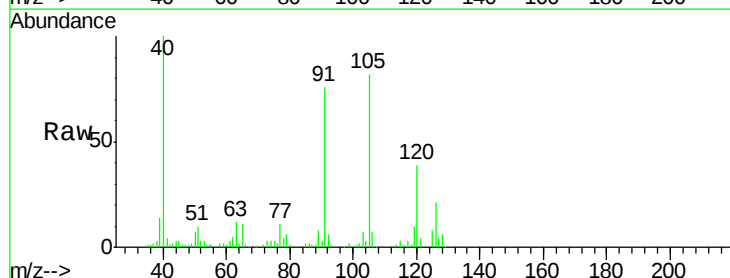
Acq: 25 Mar 2019 13:44

Tgt Ion: 105 Resp: 13321

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)

12000

10000

8000

6000

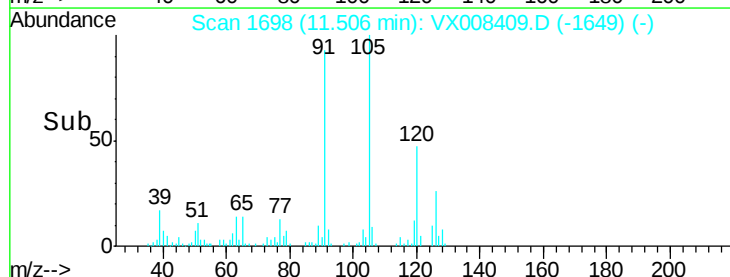
4000

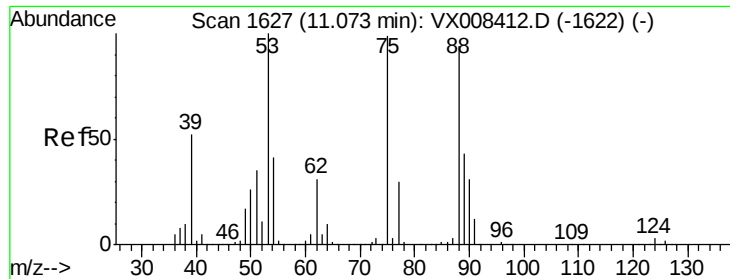
2000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 1.139 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

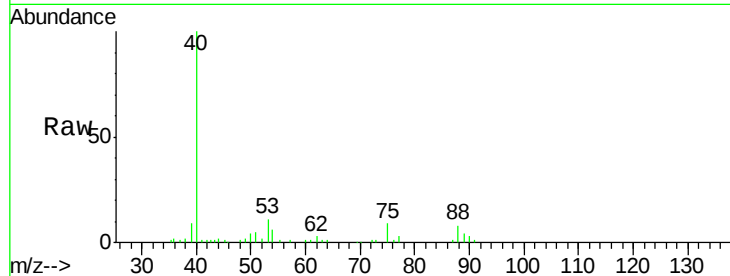
ClientSampleId :

VSTDIC001

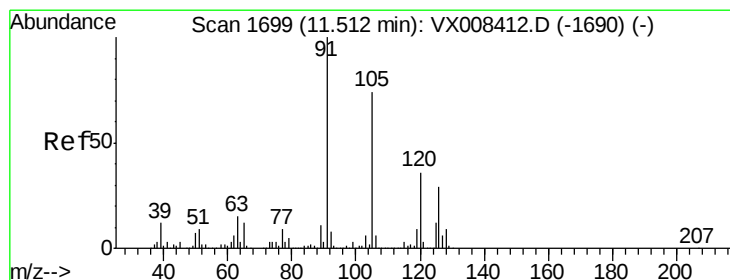
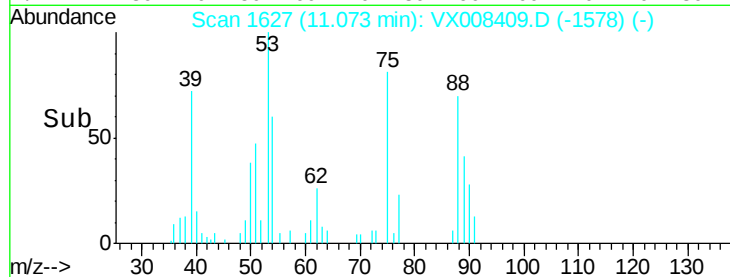
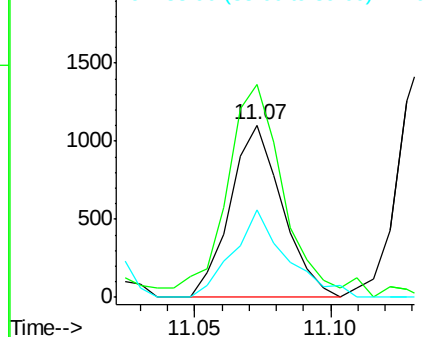
Tot Ion	Ratio	Lower	Upper
75	100		
53	138.8	82.1	123.1#
89	51.8	34.6	52.0

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



#82

4-Chlorotoluene

Concen: 1.425 ug/l

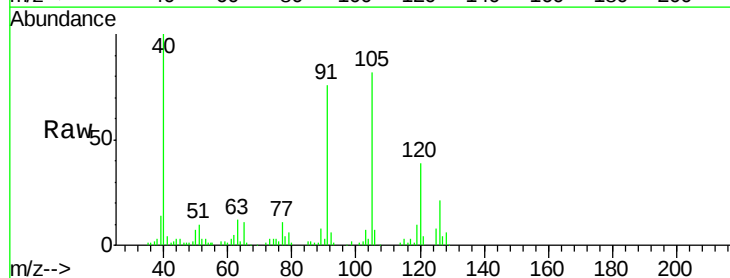
RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

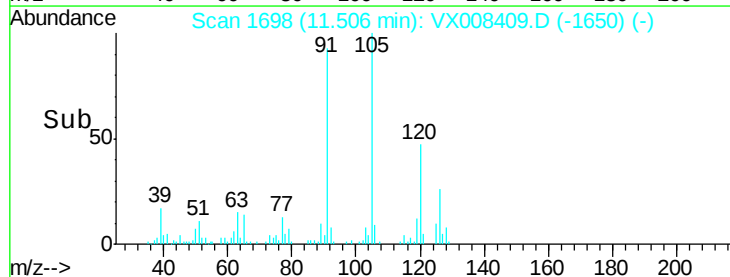
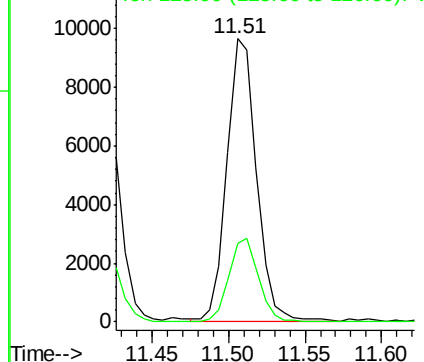
Lab File: VX008409.D

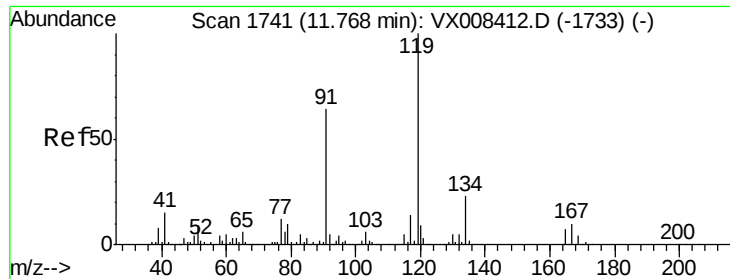
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	13.9	41.7



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





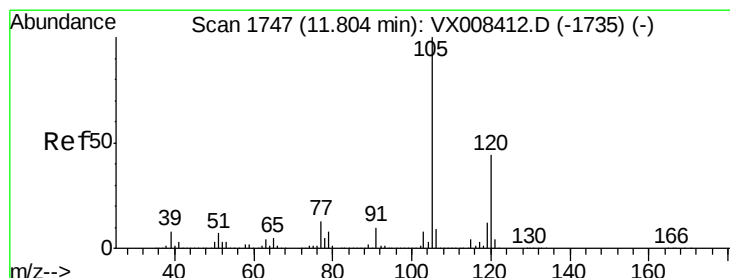
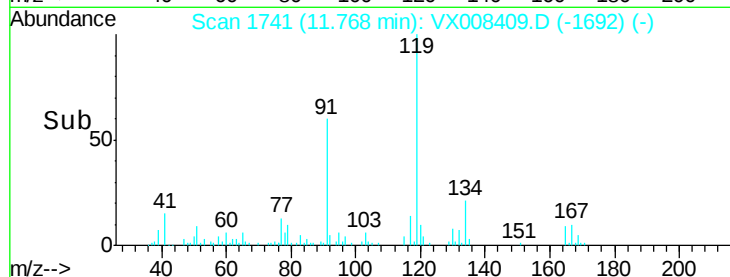
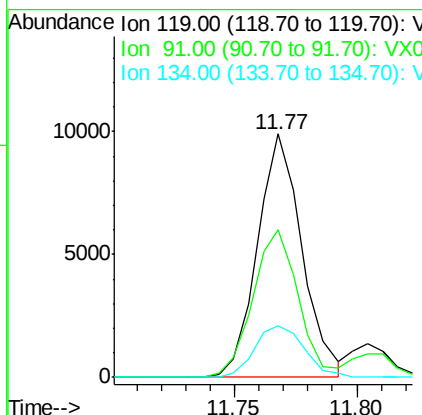
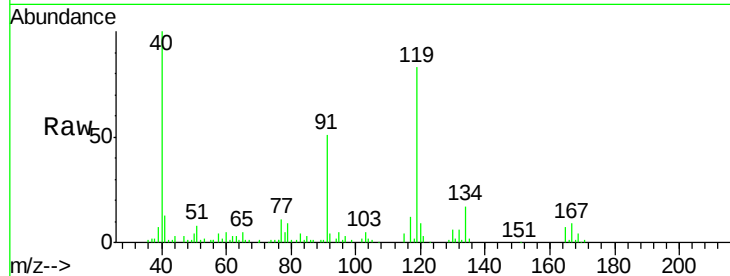
#83
 tert-Butylbenzene
 Concen: 1.405 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	12613		
91	62.1		30.1	90.3
134	23.4		10.9	32.9

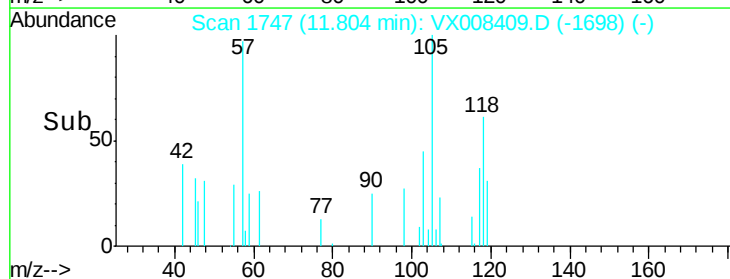
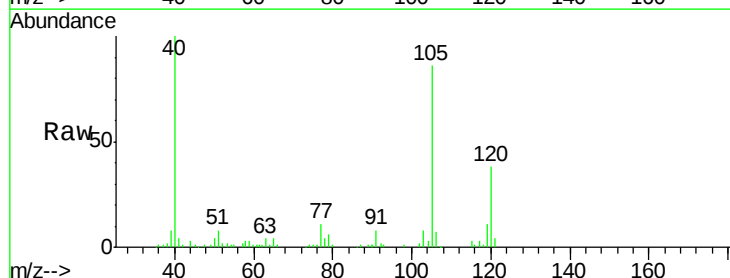
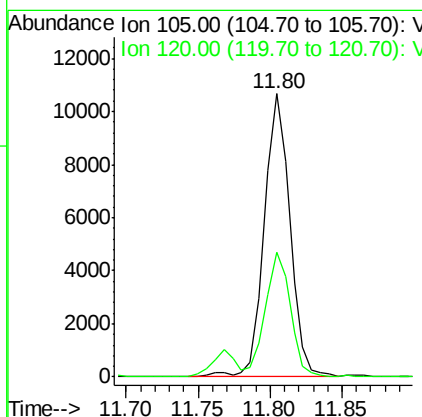
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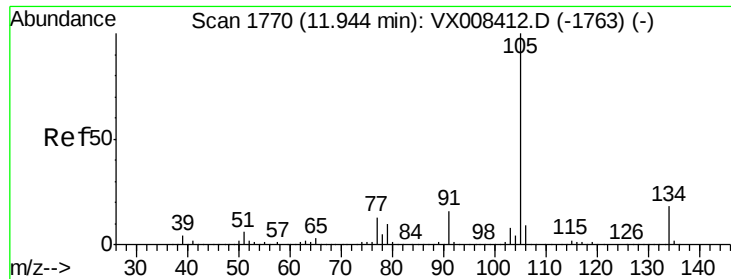
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#84
 1,2,4-Trimethylbenzene
 Concen: 1.392 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	13139		
120	43.1		21.6	65.0





#85

sec-Butylbenzene

Concen: 1.392 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 15024

Ion Ratio Lower Upper

105 100

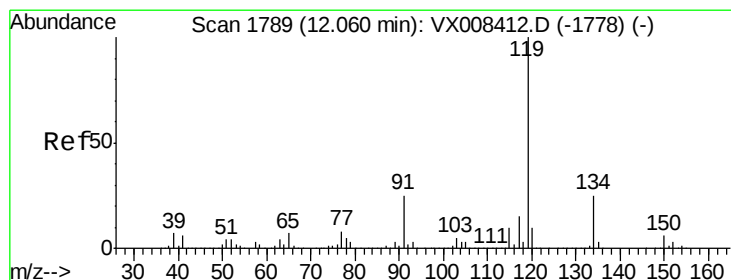
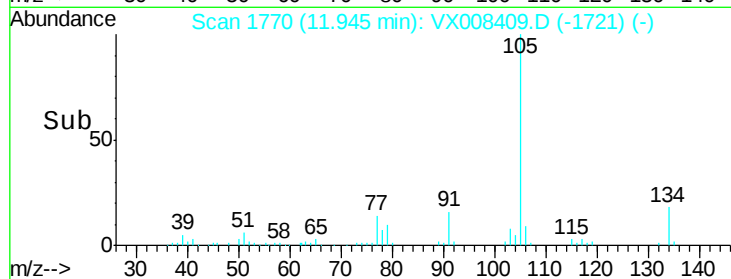
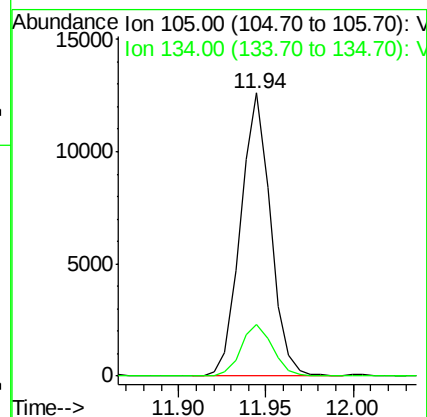
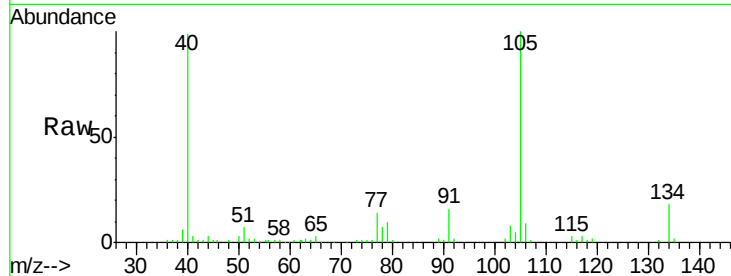
134 18.9 9.3 28.0

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#86

p-Isopropyltoluene

Concen: 1.381 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

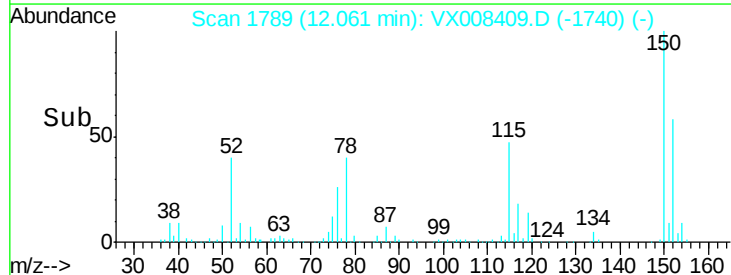
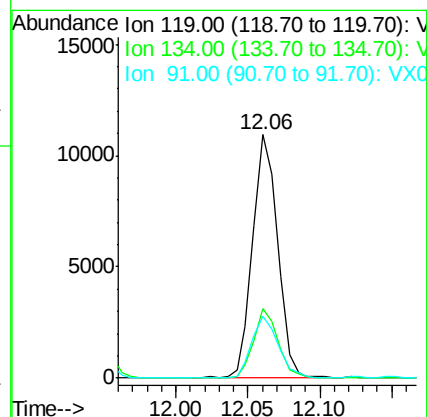
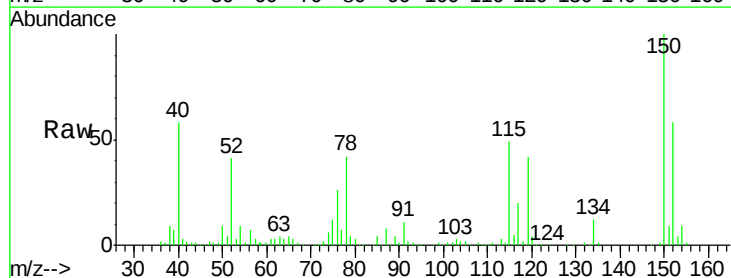
Tgt Ion:119 Resp: 13142

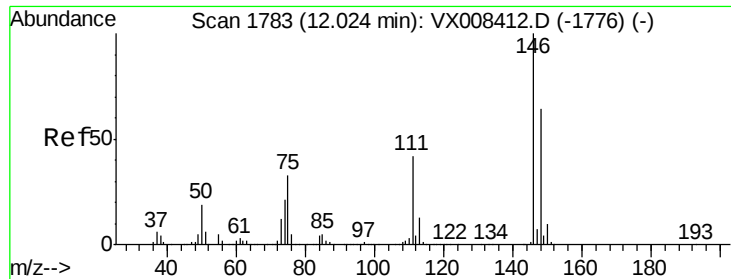
Ion Ratio Lower Upper

119 100

134 27.6 12.8 38.4

91 26.8 12.4 37.0





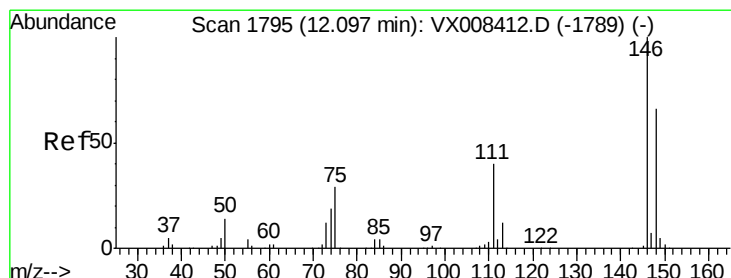
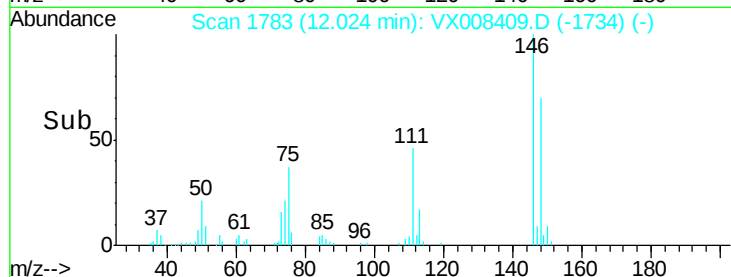
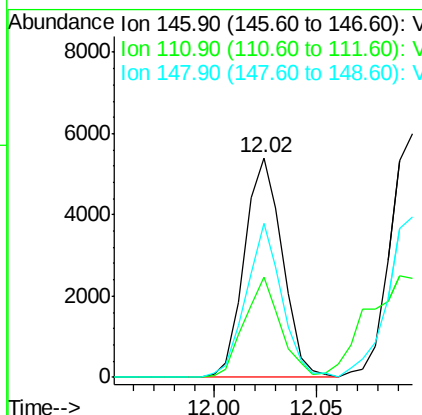
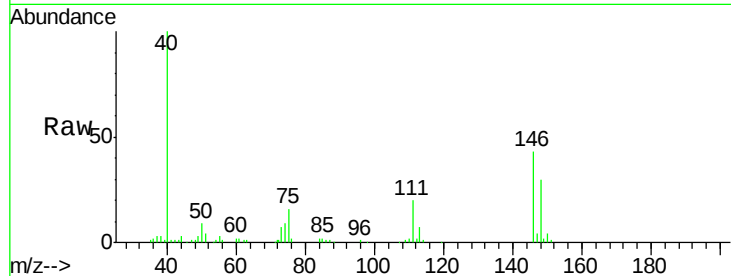
#87
 1,3-Dichlorobenzene
 Concen: 1.472 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.8	62.5
148	66.0	32.0	96.0

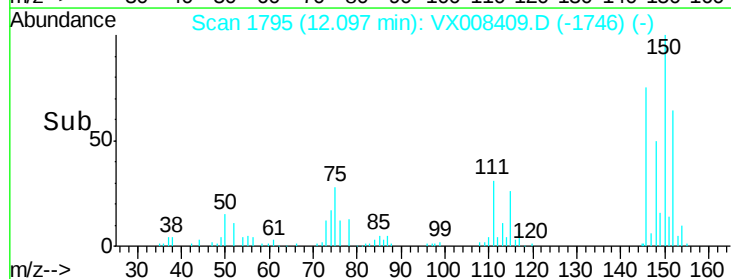
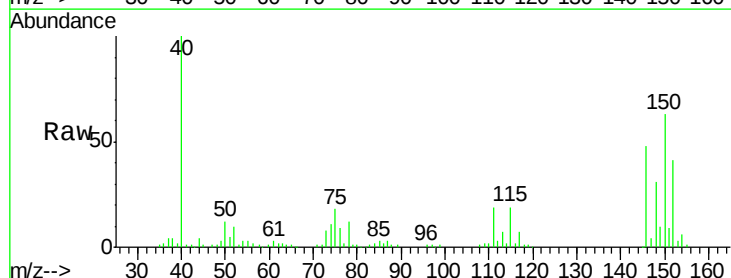
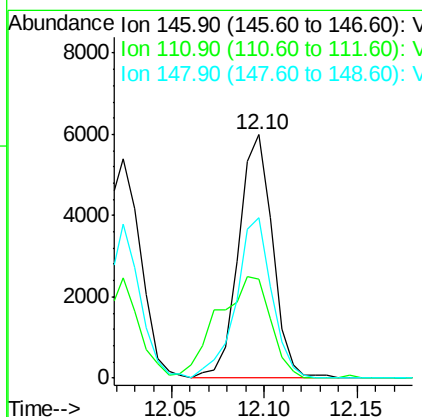
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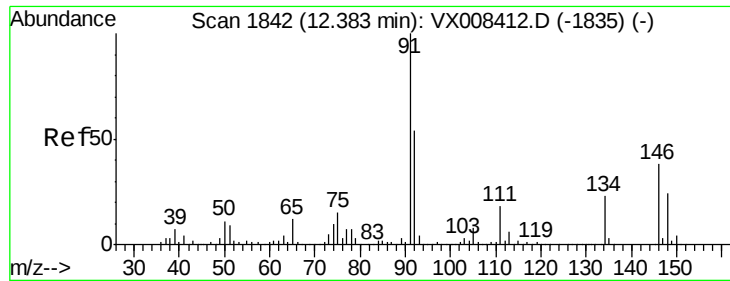
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#88
 1,4-Dichlorobenzene
 Concen: 1.594 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	59.8	32.1	96.5





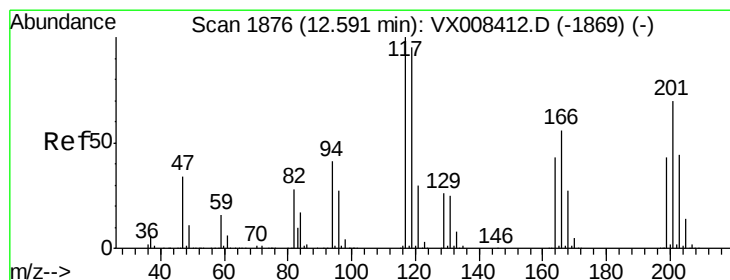
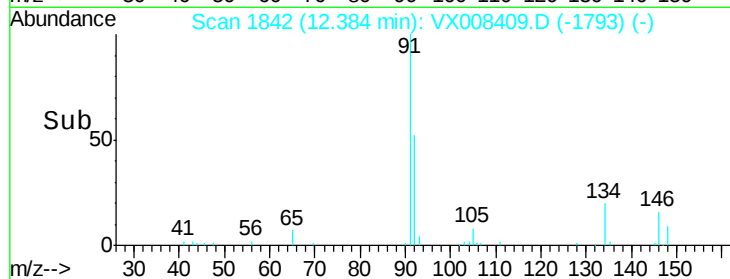
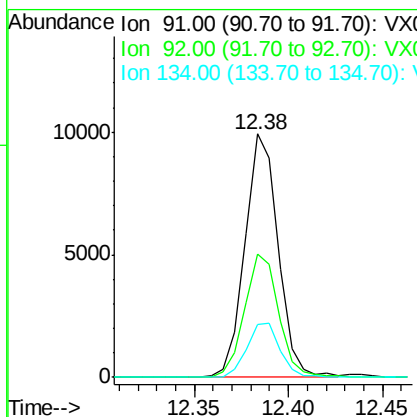
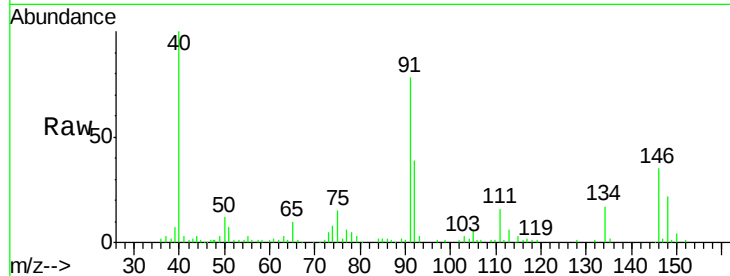
#89
n-Butylbenzene
Concen: 1.338 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.5	79.5
134	21.9	11.8	35.4

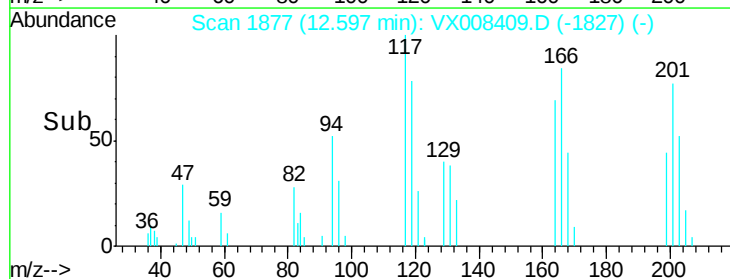
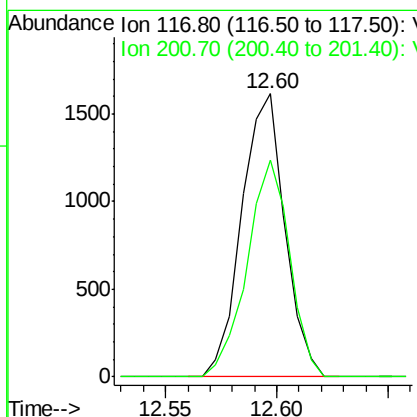
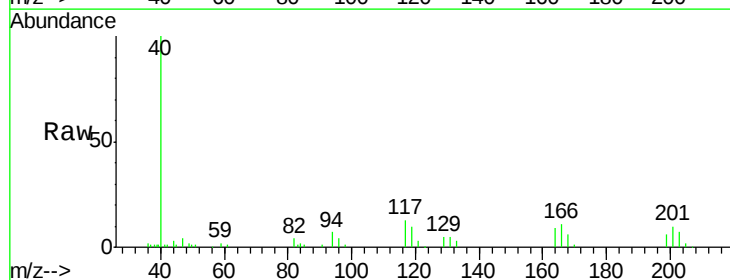
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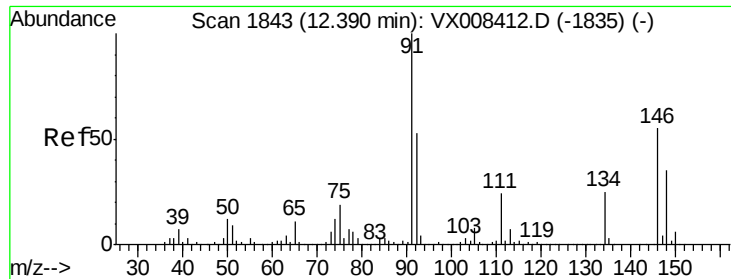
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#90
Hexachloroethane
Concen: 1.382 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008409.D
Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.7	39.4	118.1





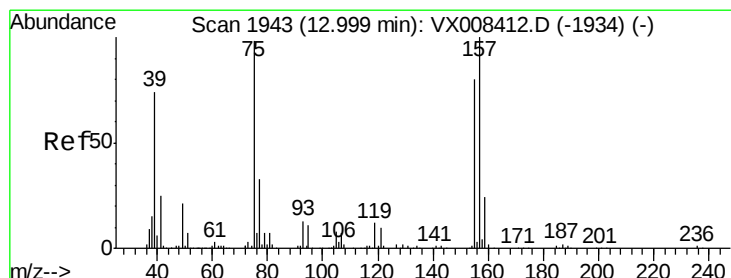
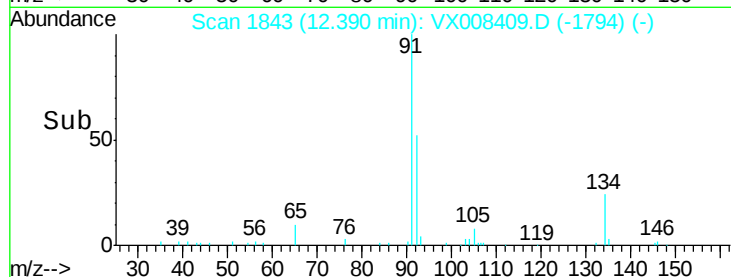
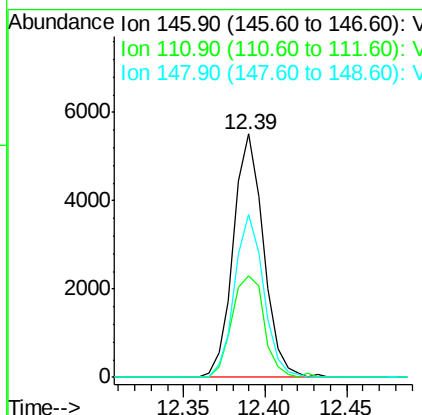
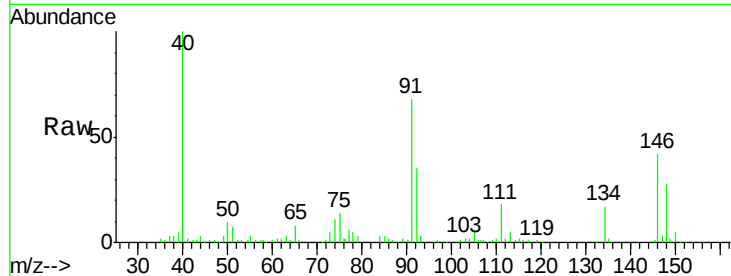
#91
 1,2-Dichlorobenzene
 Concen: 1.483 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.6	64.6
148	64.1	31.9	95.7

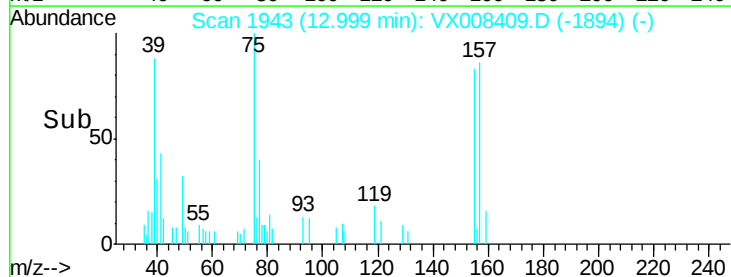
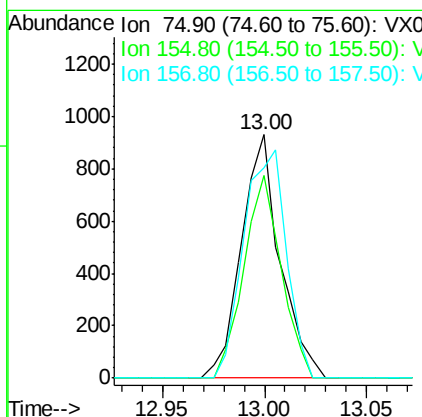
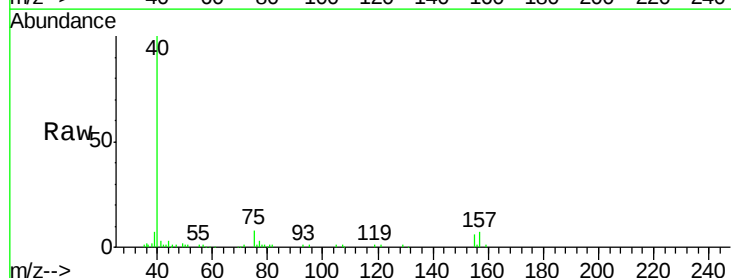
Manual Integrations
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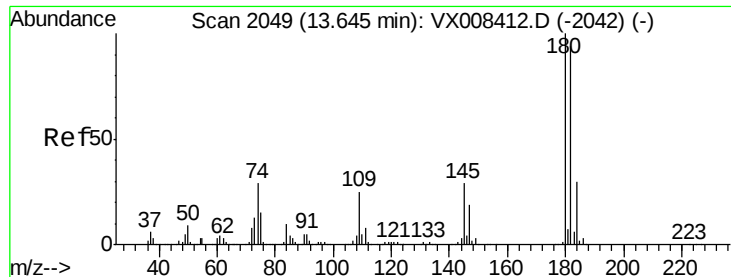
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.306 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	39.5	118.5
157	102.9	49.9	149.7





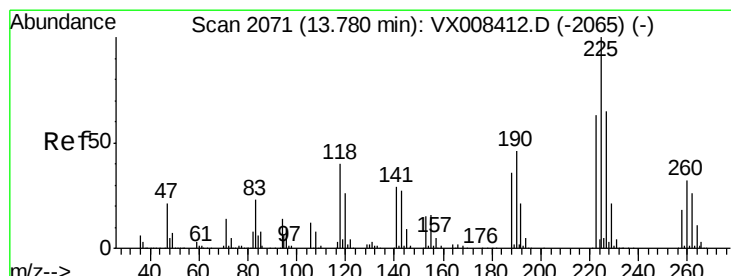
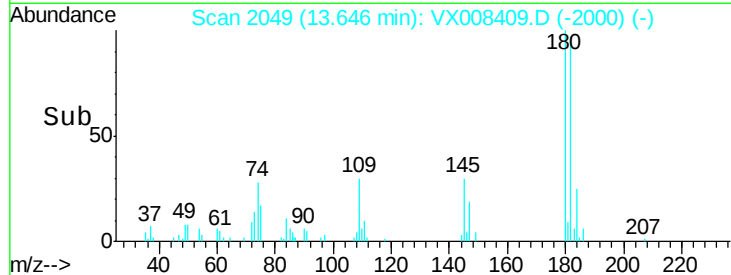
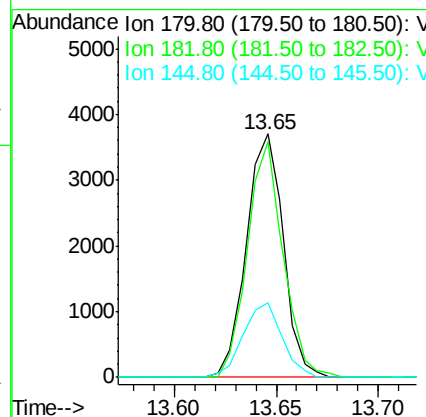
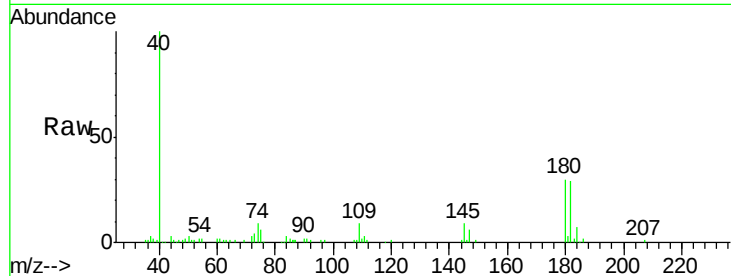
#93
 1,2,4-Trichlorobenzene
 Concen: 1.429 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	32.3	15.3	45.8

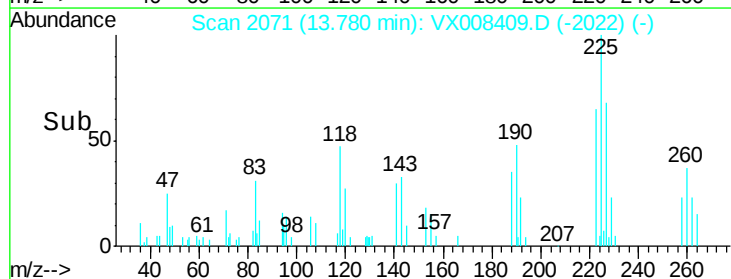
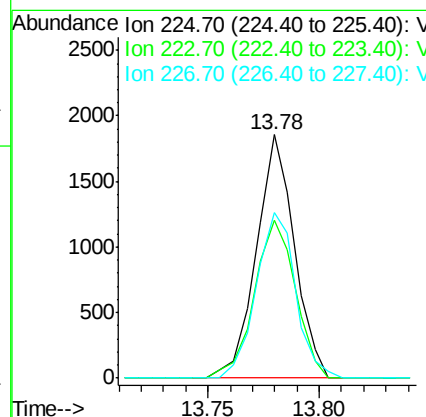
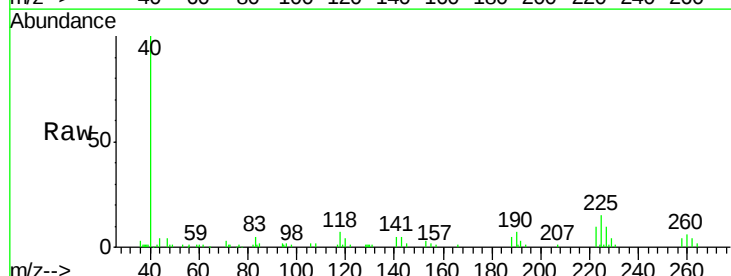
Manual Integrations
 APPROVED

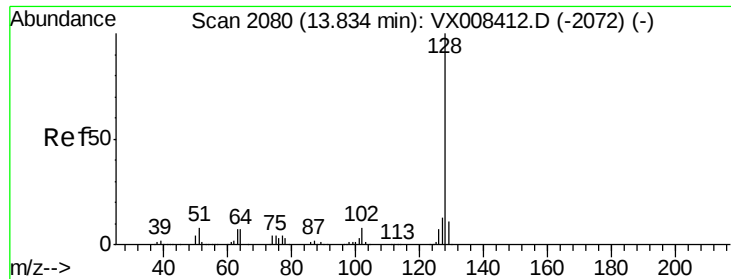
MMDadoda
 3/26/2019 9:46:21 AM



#94
 Hexachlorobutadiene
 Concen: 1.440 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008409.D
 Acq: 25 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	70.1	31.4	94.0
227	70.6	31.9	95.9





#95

Naphthalene

Concen: 1.357 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Instrument :

MSVOA_X

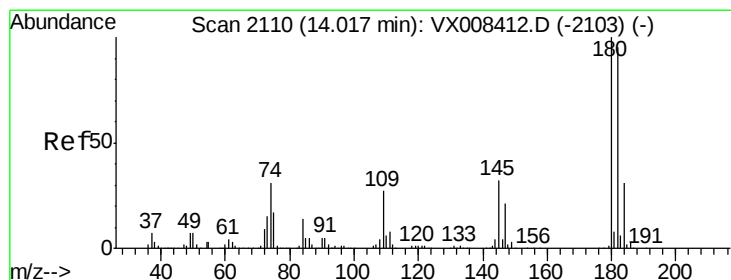
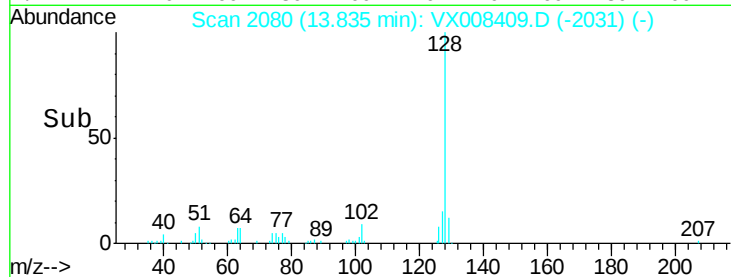
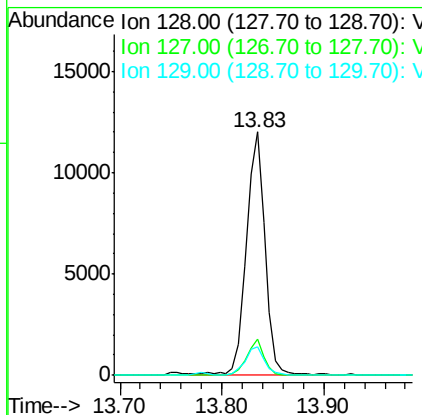
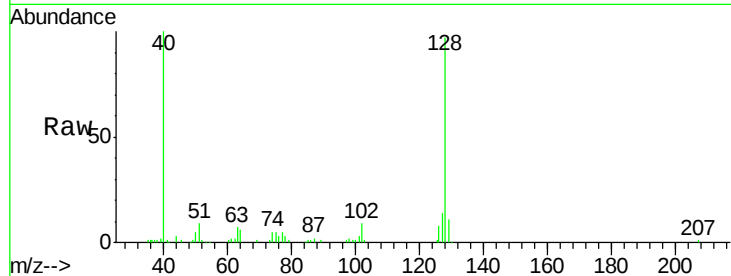
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	15351
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/26/2019 9:46:21 AM



#96

1,2,3-Trichlorobenzene

Concen: 1.460 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008409.D

Acq: 25 Mar 2019 13:44

Tgt Ion:	180	Resp:	4762
Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.3	142.0
145	33.9	16.2	48.5

