

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005532.D
 Acq On : 24 Oct 2018 10:39
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:52:57 AM

Quant Time: Oct 25 01:59:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	257906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184803	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	2307	0.906 ug/l	81
3) Chloromethane	1.32	50	3617	1.116 ug/l	99
4) Vinyl Chloride	1.41	62	3614	1.134 ug/l	95
5) Bromomethane	1.64	94	2269	1.144 ug/l	95
6) Chloroethane	1.72	64	2508	1.232 ug/l	92
7) Trichlorofluoromethane	1.93	101	5199	1.174 ug/l	98
8) Diethyl Ether	2.19	74	2228	1.260 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3086	1.214 ug/l	96
12) 1,1-Dichloroethene	2.37	96	3090	1.276 ug/l	97
14) Allyl chloride	2.73	41	6163	1.141 ug/l	95
15) Acrylonitrile	3.15	53	11401	6.001 ug/l	99
16) Acetone	2.44	43	9658	5.806 ug/l	97
17) Carbon Disulfide	2.57	76	8858	1.200 ug/l	98
18) Methyl Acetate	2.78	43	6126	1.315 ug/l	96
19) Methyl tert-butyl Ether	3.20	73	10181	1.179 ug/l	95
20) Methylene Chloride	2.85	84	3461	1.242 ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	3334	1.261 ug/l	97
22) Diisopropyl ether	3.87	45	11378	1.206 ug/l #	93
23) Vinyl Acetate	3.82	43	48581	5.846 ug/l	99
24) 1,1-Dichloroethane	3.70	63	6438	1.255 ug/l	97
25) 2-Butanone	4.70	43	13783	5.441 ug/l	99
26) 2,2-Dichloropropane	4.59	77	4877	1.231 ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	3443	1.208 ug/l	97
28) Bromochloromethane	5.01	49	3014	1.215 ug/l #	97
29) Tetrahydrofuran	5.15	42	8751	5.308 ug/l	97
30) Chloroform	5.21	83	5848	1.219 ug/l	93
31) Cyclohexane	5.58	56	4518	1.064 ug/l #	93
32) 1,1,1-Trichloroethane	5.49	97	5023	1.186 ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4445	1.209 ug/l	98
37) Ethyl Acetate	4.85	43	5303	1.130 ug/l	97
38) Carbon Tetrachloride	5.77	117	4770	1.231 ug/l	84
39) Methylcyclohexane	7.46	83	4462	1.099 ug/l	94
40) Benzene	6.14	78	12013	1.140 ug/l	94
41) Methacrylonitrile	5.06	41	2931	1.121 ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.19	62	4859	1.213	ug/l	96
43) Isopropyl Acetate	6.46	43	7556	1.074	ug/l	98
44) Trichloroethene	7.21	130	3485	1.213	ug/l	95
45) 1,2-Dichloropropane	7.51	63	3450	1.217	ug/l	99
46) Dibromomethane	7.66	93	2238	1.223	ug/l	93
47) Bromodichloromethane	7.90	83	4221	1.188	ug/l #	96
48) Methyl methacrylate	7.77	41	3468	1.012	ug/l	94
49) 1,4-Dioxane	7.76	88	1623	21.678	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	24172	5.114	ug/l	98
52) Toluene	8.79	92	6981	1.090	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	3887	1.012	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	4145	1.003	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	3239	1.199	ug/l	90
56) Ethyl methacrylate	9.18	69	3919	0.973	ug/l	89
57) 1,3-Dichloropropane	9.37	76	5359	1.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	11126	4.944	ug/l	99
59) 2-Hexanone	9.49	43	17509	4.699	ug/l	95
60) Dibromochloromethane	9.58	129	2965	1.052	ug/l	96
61) 1,2-Dibromoethane	9.67	107	3145	1.125	ug/l	100
64) Tetrachloroethene	9.34	164	3589	1.241	ug/l	96
65) Chlorobenzene	10.13	112	8658	1.167	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	3125	1.155	ug/l #	67
67) Ethyl Benzene	10.25	91	12935	1.060	ug/l	97
68) m/p-Xylenes	10.36	106	9913	2.093	ug/l	96
69) o-Xylene	10.69	106	4303	0.966	ug/l	91
70) Styrene	10.71	104	7011	0.940	ug/l	98
71) Bromoform	10.86	173	2482	1.028	ug/l #	99
73) Isopropylbenzene	11.02	105	11996	1.062	ug/l	98
74) N-amyl acetate	10.90	43	5363	0.958	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4843	1.162	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4757m	1.256	ug/l	
77) Bromobenzene	11.26	156	3730	1.185	ug/l	97
78) n-propylbenzene	11.36	91	12981	1.005	ug/l	98
79) 2-Chlorotoluene	11.42	91	8890	1.110	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	9855	1.020	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	1136	0.948	ug/l #	65
82) 4-Chlorotoluene	11.51	91	10042	1.063	ug/l	98
83) tert-Butylbenzene	11.77	119	9978	1.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	9190	0.938	ug/l	96
85) sec-Butylbenzene	11.94	105	11293	0.982	ug/l	96
86) p-Isopropyltoluene	12.07	119	9586	0.933	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	6738	1.138	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	7634m	1.233	ug/l	
89) n-Butylbenzene	12.39	91	9226	0.995	ug/l	99
90) Hexachloroethane	12.60	117	1840	1.038	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	6912	1.154	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1154	1.145	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	4574	1.053	ug/l	99
94) Hexachlorobutadiene	13.79	225	2849	1.266	ug/l	94
95) Naphthalene	13.83	128	11500	0.911	ug/l	97

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VSTDICC001

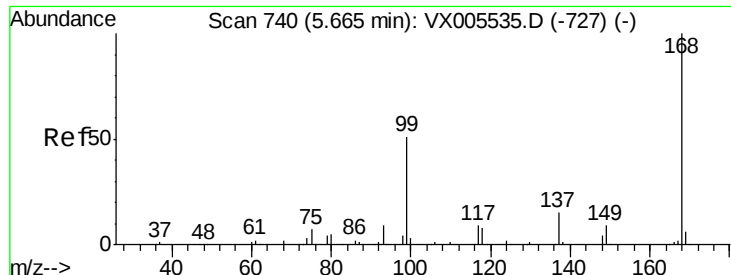
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4464	1.014	ug/l	96

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



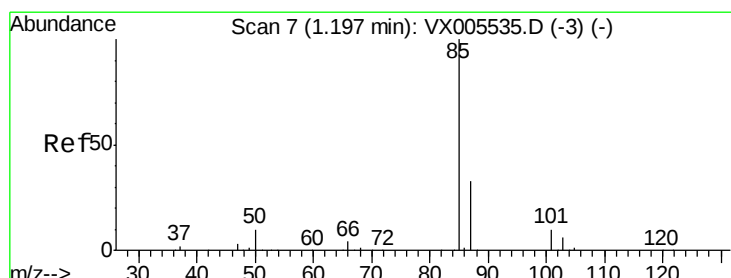
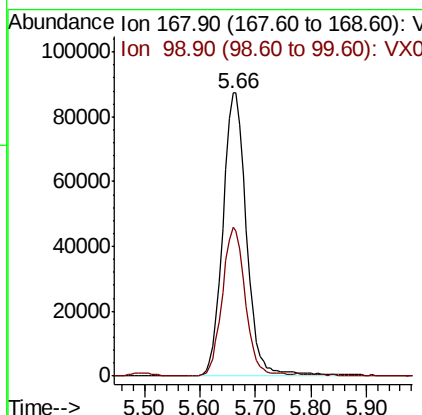
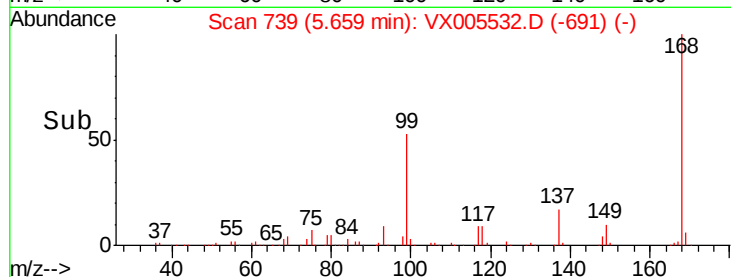
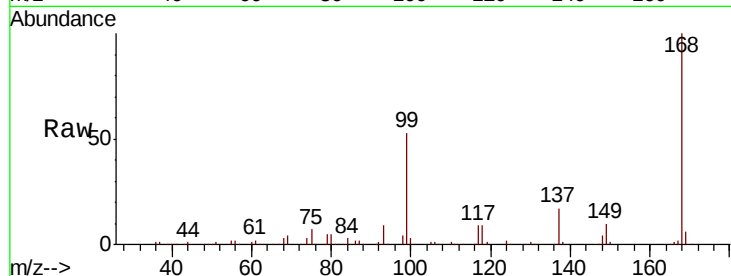
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:168 Resp: 257906
Ion Ratio Lower Upper
168 100
99 52.7 40.7 61.1

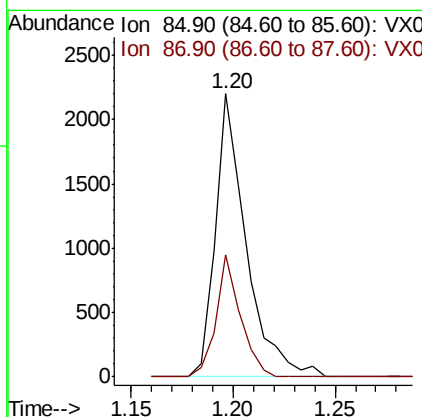
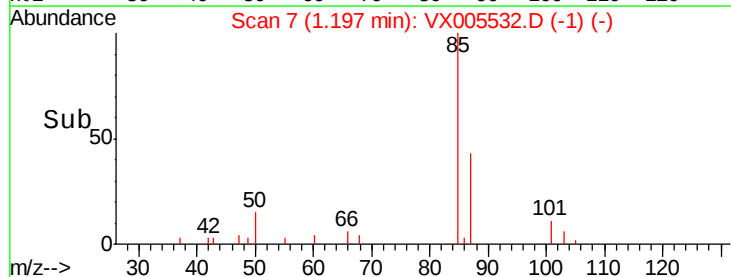
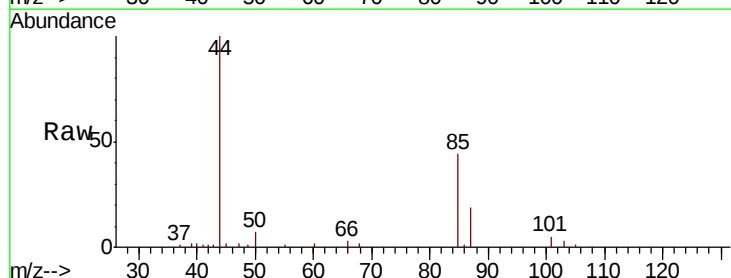
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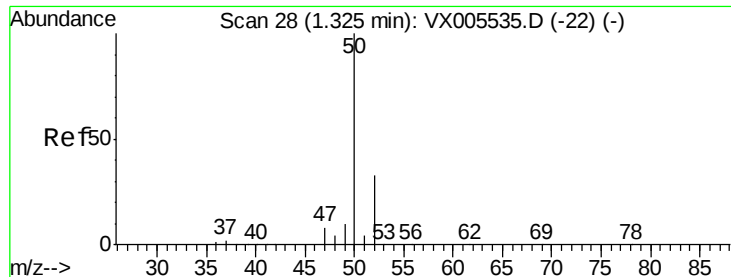
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#2
Dichlorodifluoromethane
Concen: 0.906 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 85 Resp: 2307
Ion Ratio Lower Upper
85 100
87 43.2 16.3 48.9





#3

Chloromethane

Concen: 1.116 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3617

Ion Ratio Lower Upper

50 100

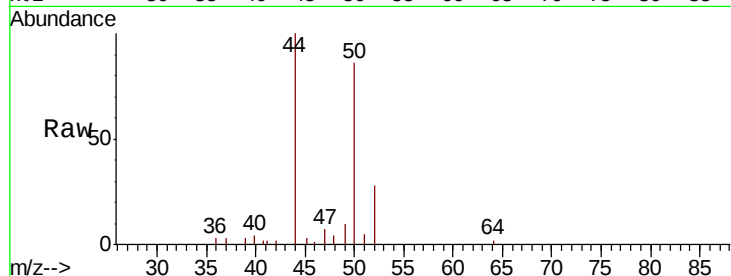
52 32.4 26.2 39.2

Manual Integrations

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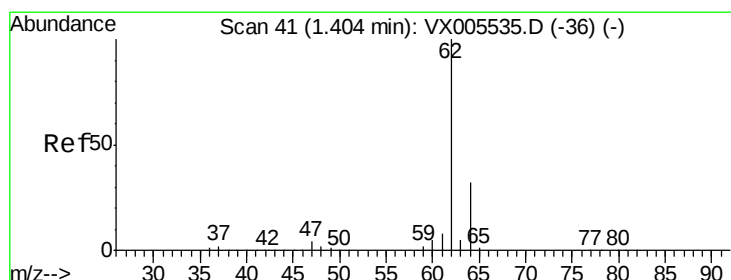
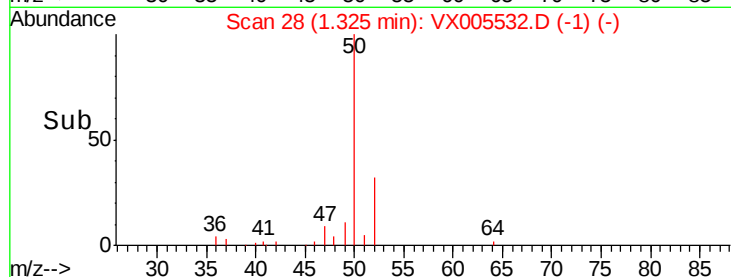
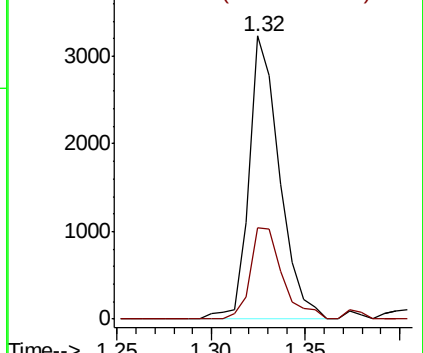
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.134 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005532.D

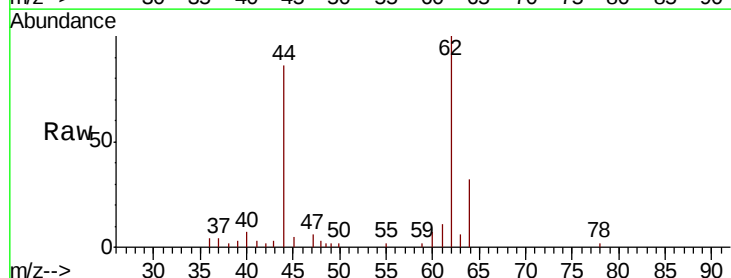
Acq: 24 Oct 2018 10:39

Tgt Ion: 62 Resp: 3614

Ion Ratio Lower Upper

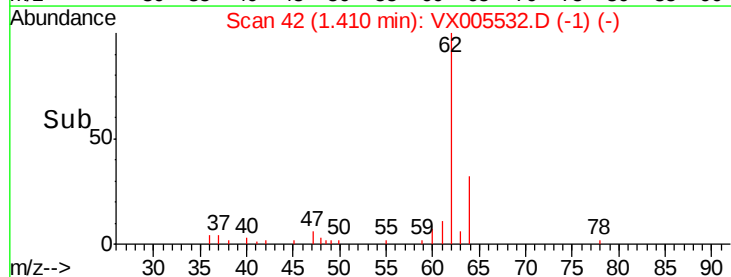
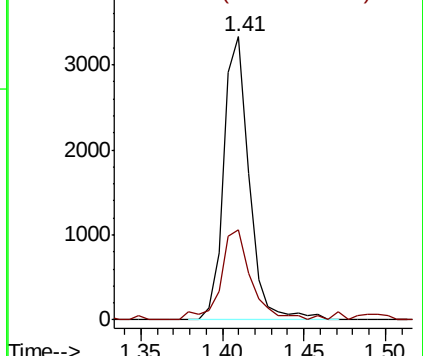
62 100

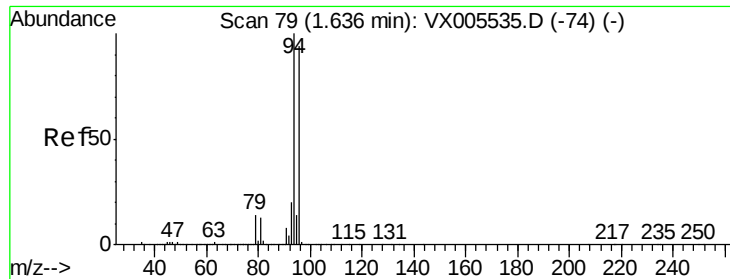
64 28.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.144 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2269

Ion Ratio Lower Upper

94 100

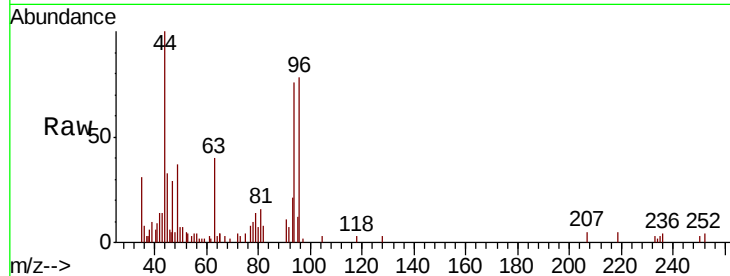
96 98.4 75.2 112.8

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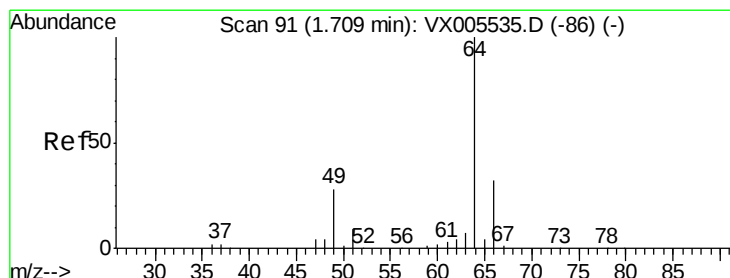
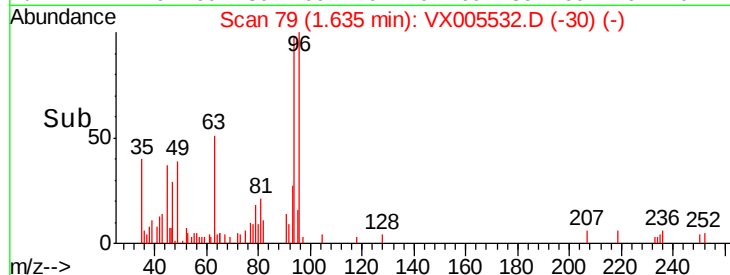
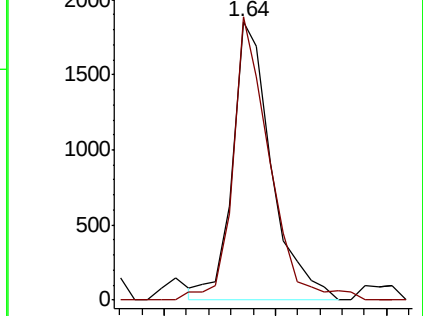
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.232 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005532.D

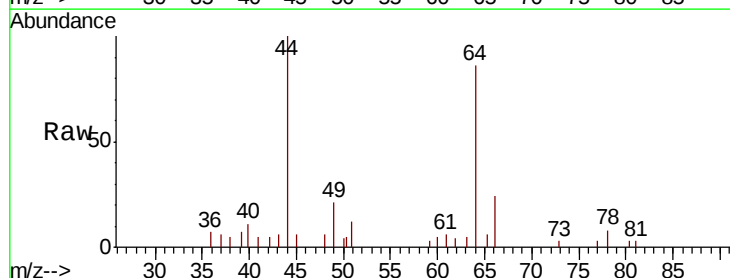
Acq: 24 Oct 2018 10:39

Tgt Ion: 64 Resp: 2508

Ion Ratio Lower Upper

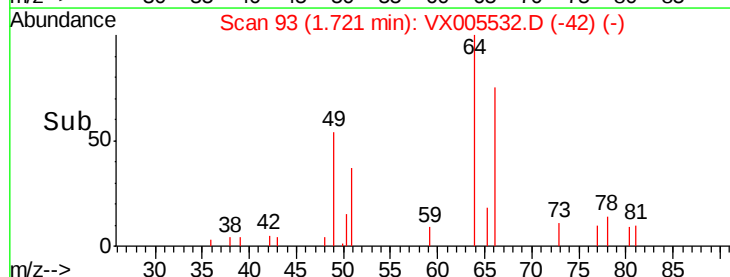
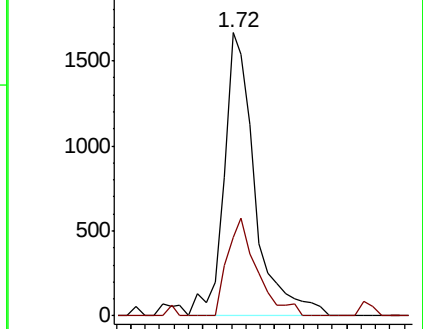
64 100

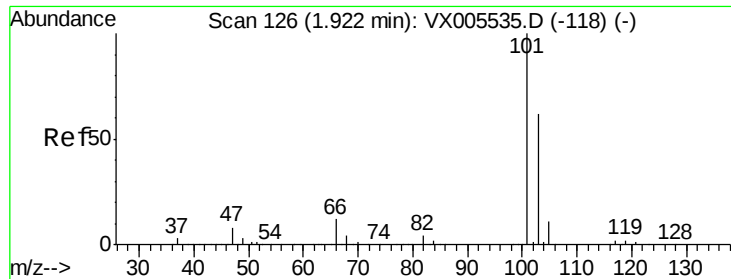
66 27.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.174 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

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ClientSampleId :

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Tot Ion:101 Resp: 5199

Ion Ratio Lower Upper

101 100

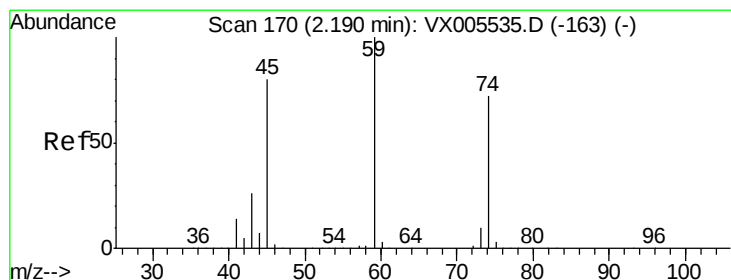
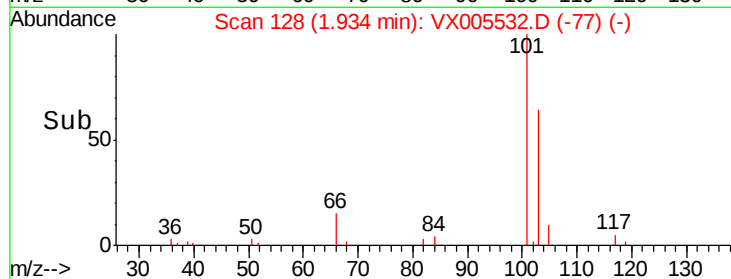
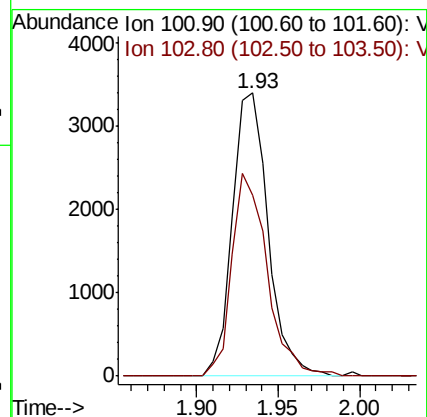
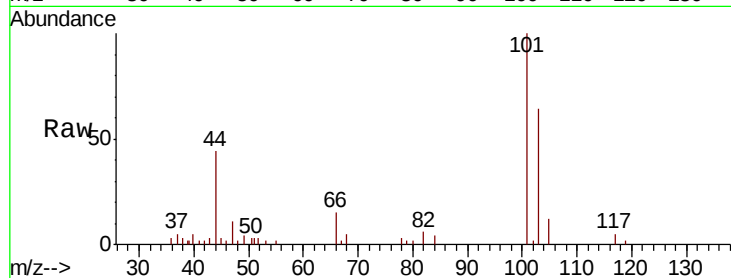
103 64.1 50.0 75.0

Manual Integrations

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#8

Diethyl Ether

Concen: 1.260 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005532.D

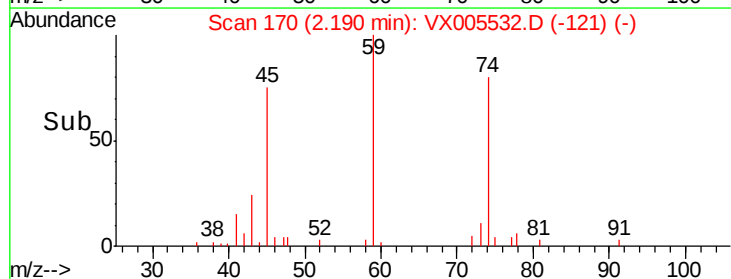
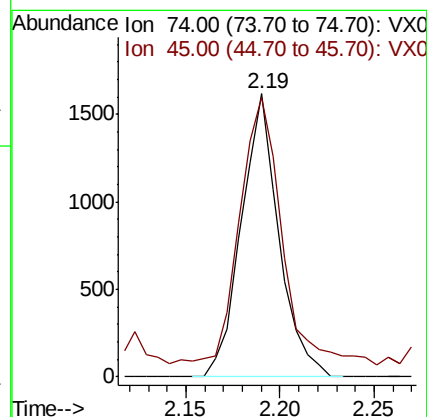
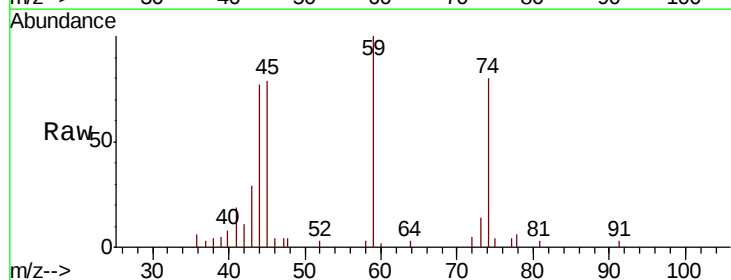
Acq: 24 Oct 2018 10:39

Tgt Ion: 74 Resp: 2228

Ion Ratio Lower Upper

74 100

45 105.8 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.214 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

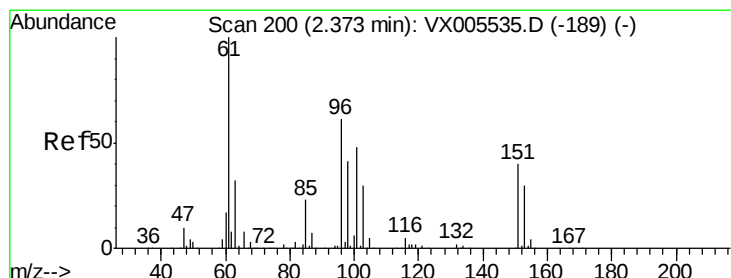
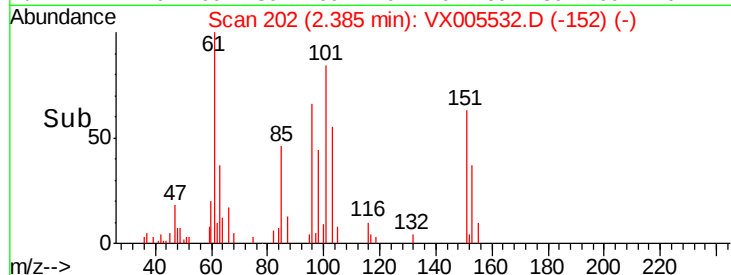
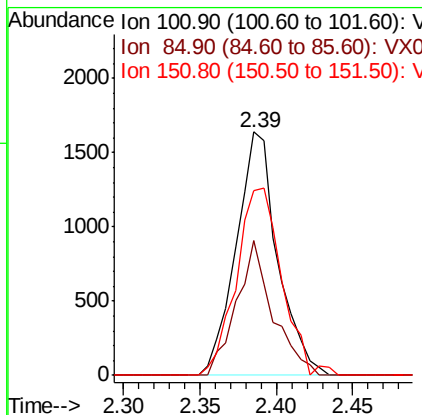
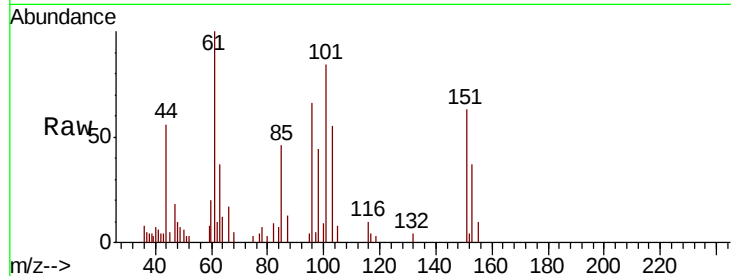
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	3086
Ion Ratio	Lower	Upper	
101	100		
85	48.4	35.0	52.4
151	84.4	66.2	99.2

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#12

1,1-Dichloroethene

Concen: 1.276 ug/l

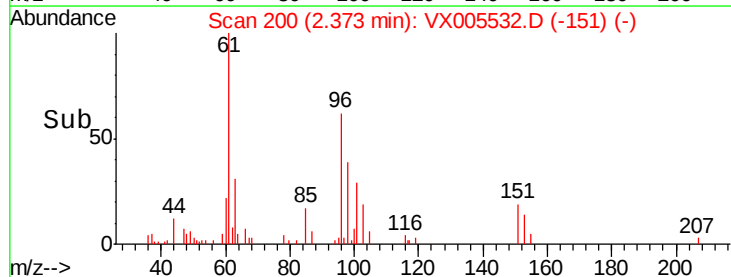
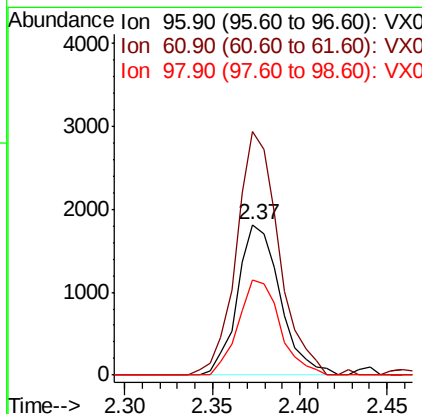
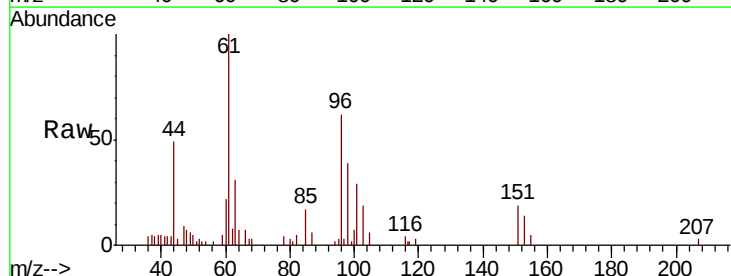
RT: 2.37 min Scan# 200

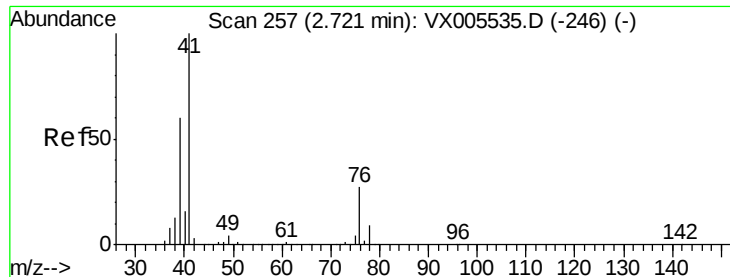
Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	96	Resp:	3090
Ion Ratio	Lower	Upper	
96	100		
61	162.1	131.8	197.8
98	63.2	53.4	80.2





#14

Allvl chloride

Concen: 1.141 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

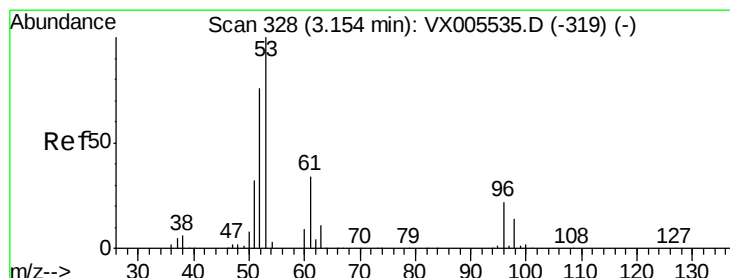
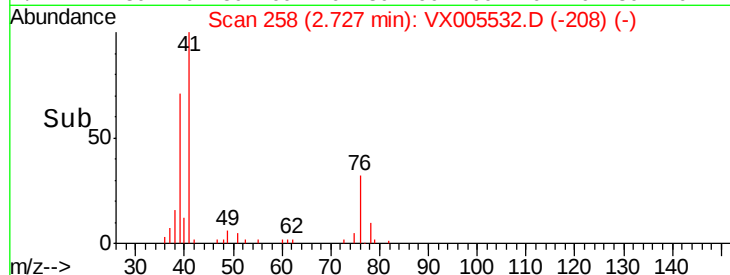
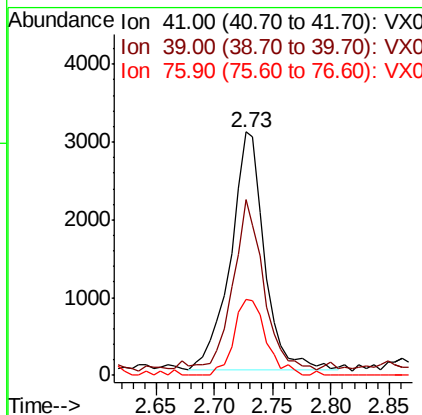
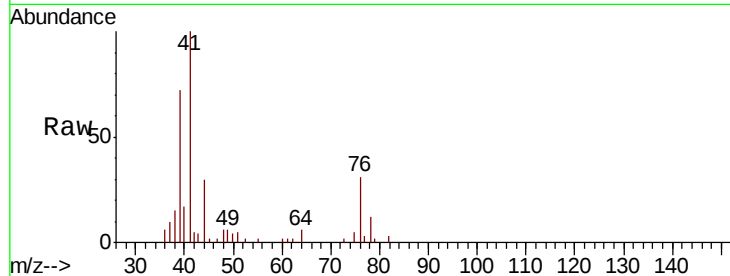
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	6163
Ion	Ratio	Lower	Upper
41	100		
39	64.0	48.2	72.4
76	30.2	21.9	32.9

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#15

Acrylonitrile

Concen: 6.001 ug/l

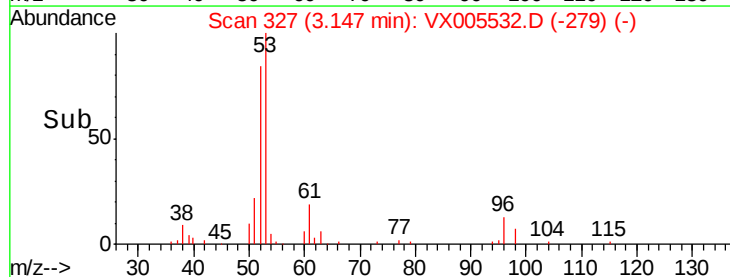
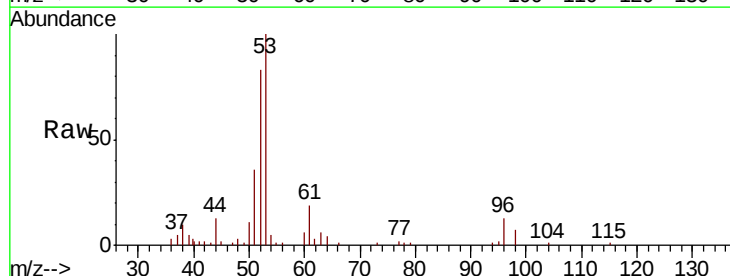
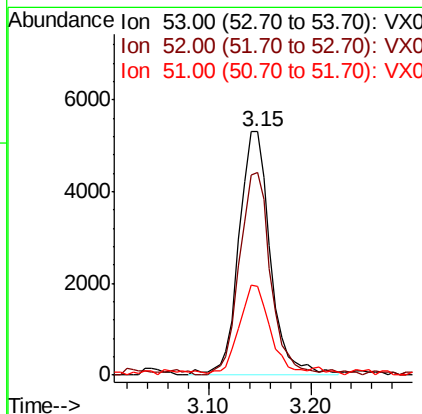
RT: 3.15 min Scan# 327

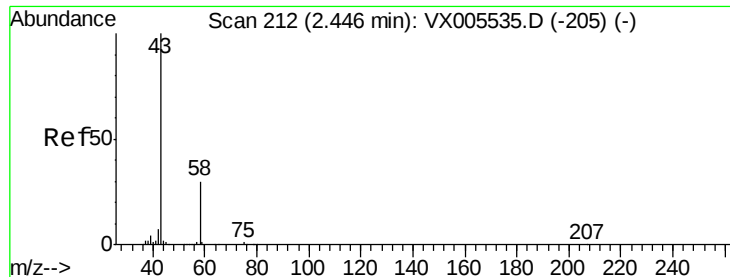
Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	53	Resp:	11401
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	99.8
51	36.7	28.4	42.6





#16

Acetone

Concen: 5.806 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 9658

Ion Ratio Lower Upper

43 100

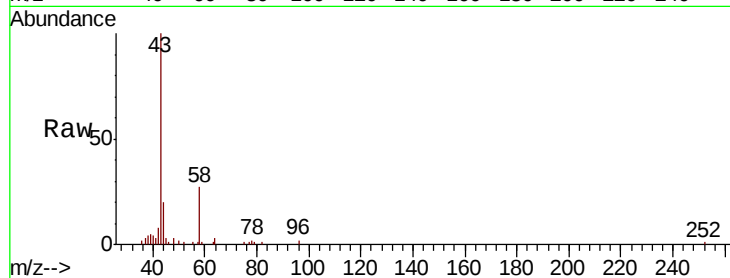
58 27.9 23.8 35.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

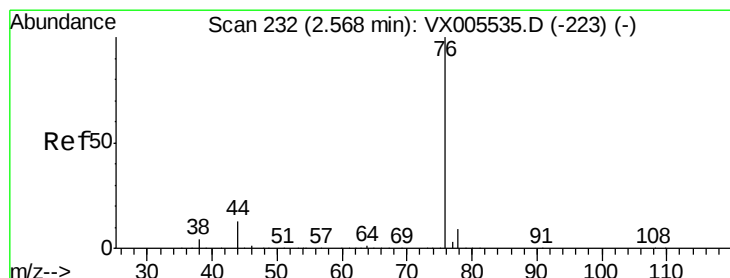
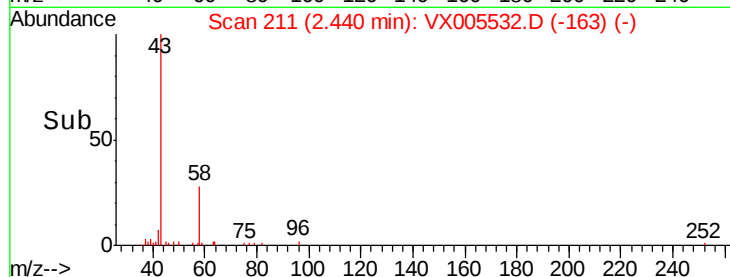
4000

2000

0

Time-->

2.35 2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 1.200 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005532.D

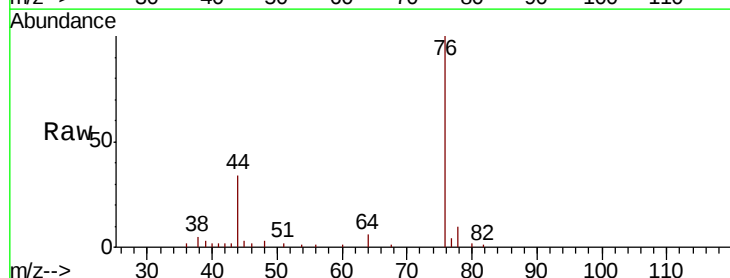
Acq: 24 Oct 2018 10:39

Tgt Ion: 76 Resp: 8858

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

6000

5000

4000

3000

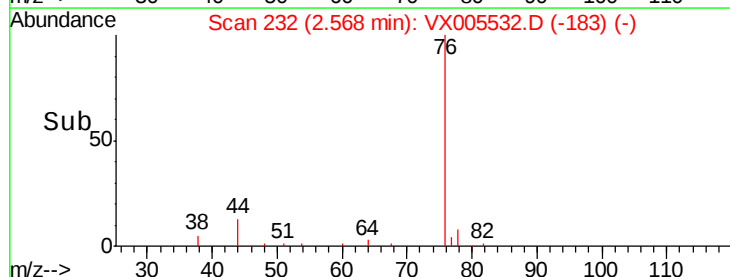
2000

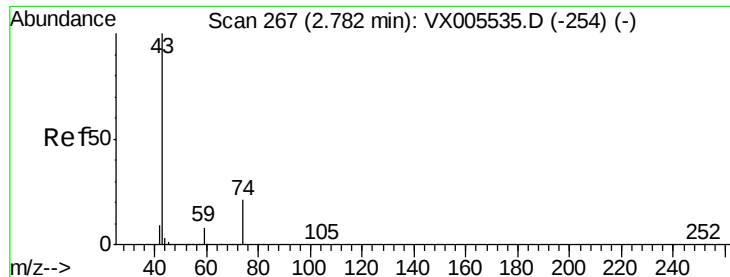
1000

0

Time-->

2.50 2.55 2.60 2.65





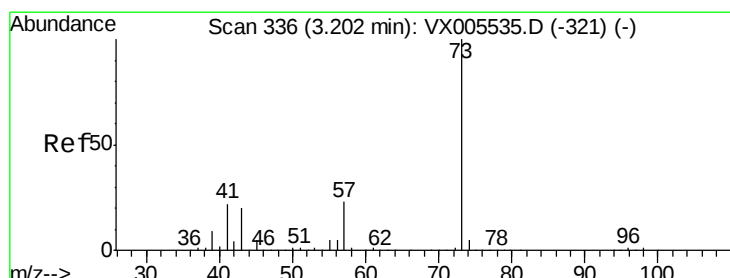
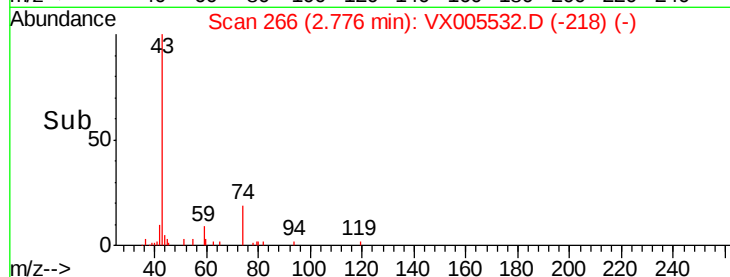
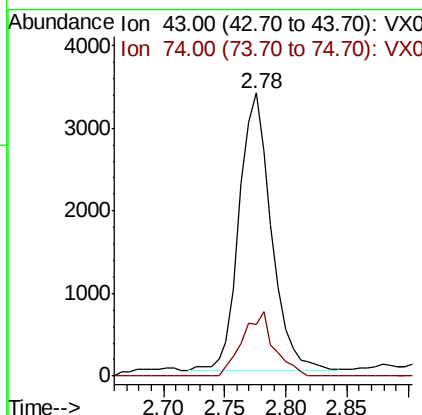
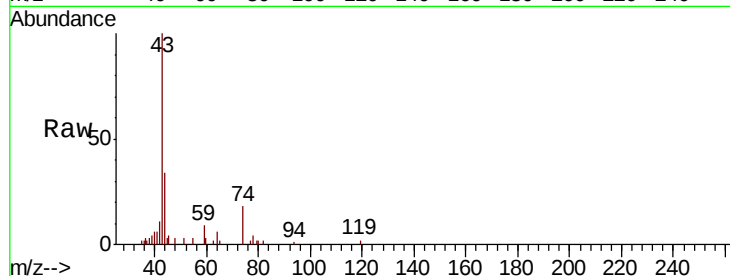
#18
Methyl Acetate
Concen: 1.315 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
74	22.8	16.8	25.2

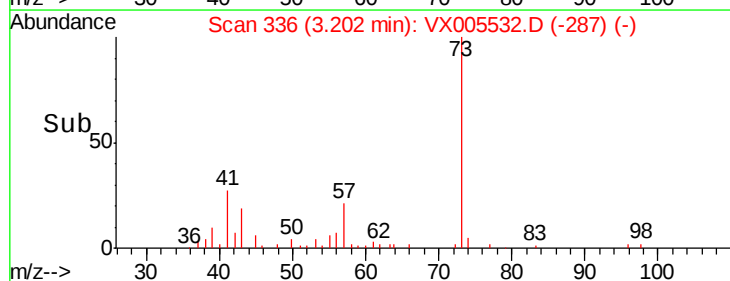
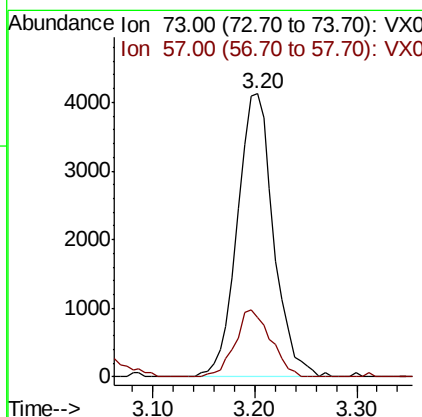
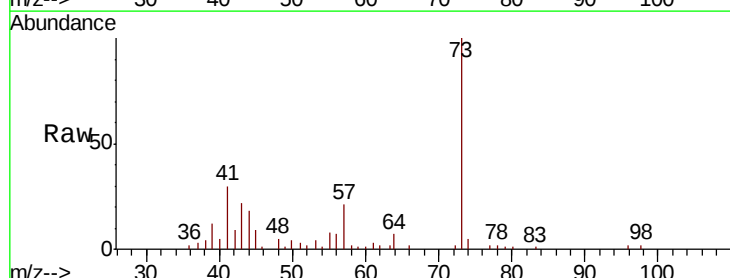
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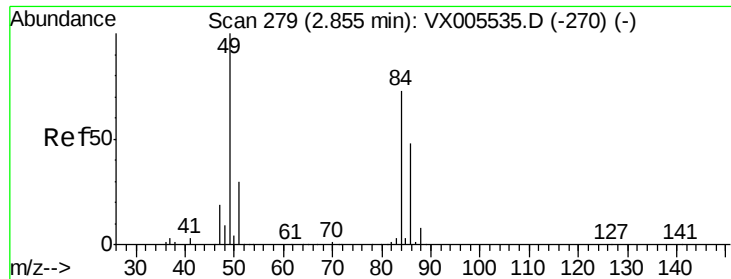
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 1.179 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.8	28.2





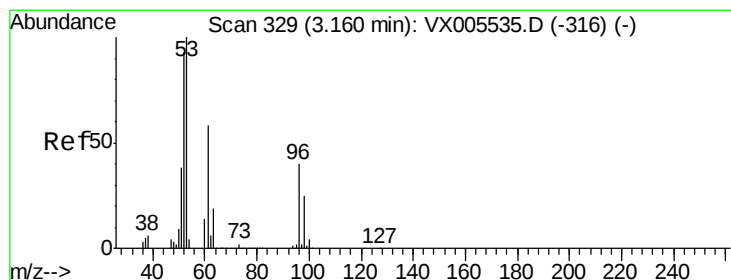
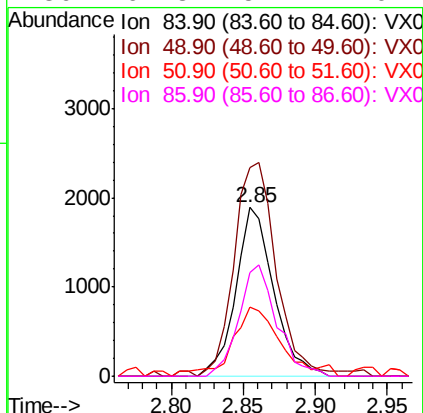
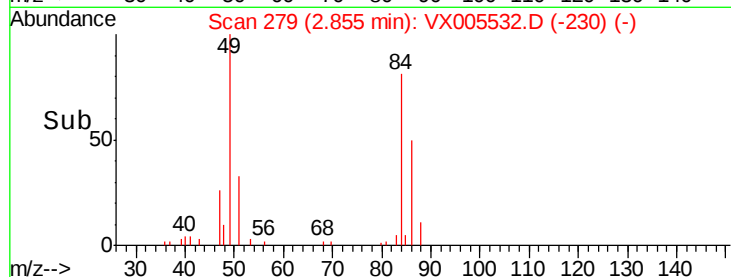
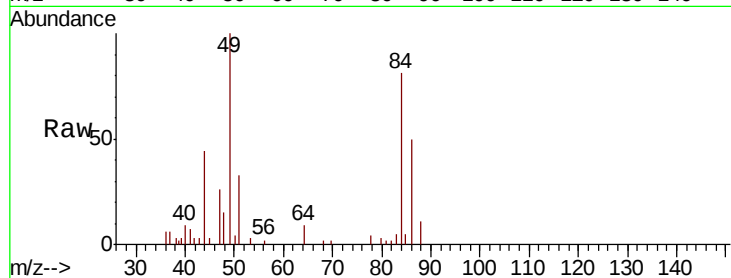
#20
Methvlene Chloride
Concen: 1.242 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	3461
Ion	Ratio	Lower	Upper
84	100		
49	120.6	109.5	164.3
51	41.1	33.3	49.9
86	61.3	52.7	79.1

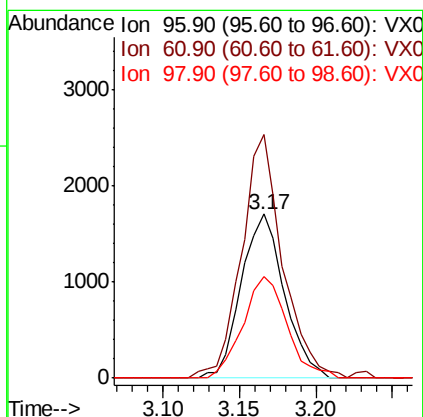
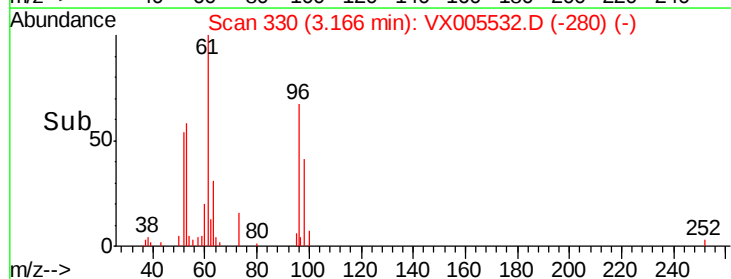
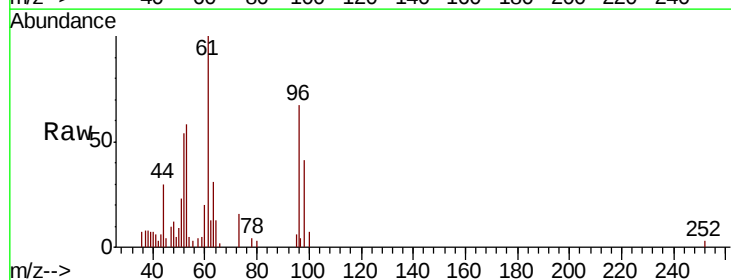
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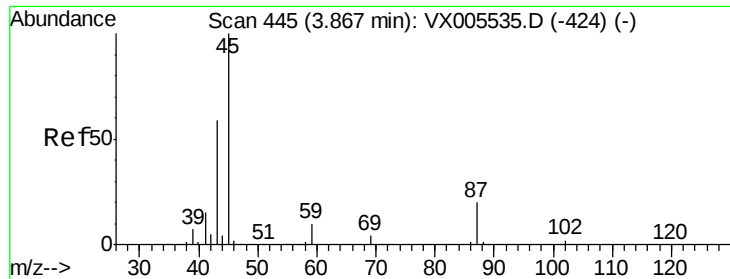
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#21
trans-1,2-Dichloroethene
Concen: 1.261 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion:	96	Resp:	3334
Ion	Ratio	Lower	Upper
96	100		
61	148.7	115.6	173.4
98	61.7	50.2	75.2





#22

Diisopropyl ether

Concen: 1.206 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 45 Resp: 11378

Ion Ratio Lower Upper

45 100

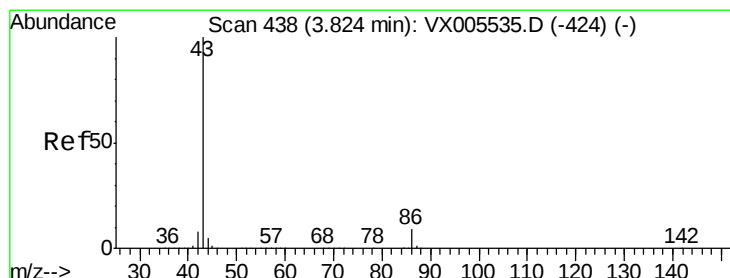
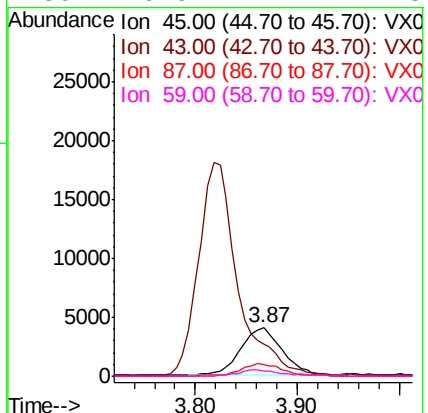
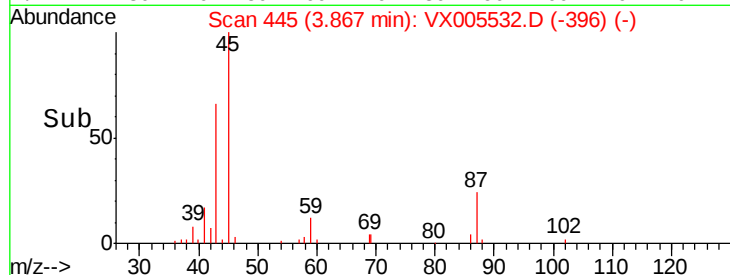
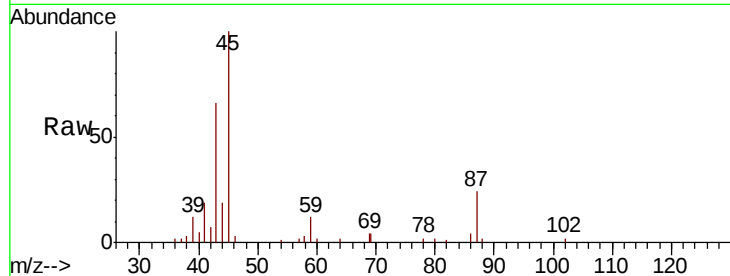
43 63.8 47.4 71.2

87 24.3 15.9 23.9#

59 10.9 7.7 11.5

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#23

Vinyl Acetate

Concen: 5.846 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005532.D

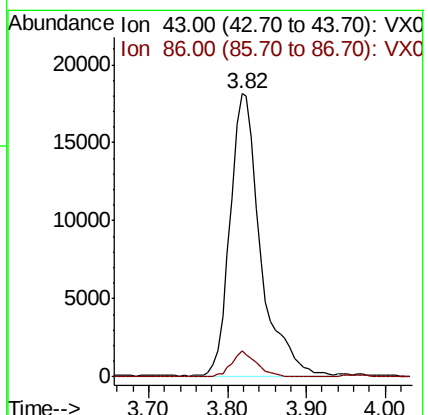
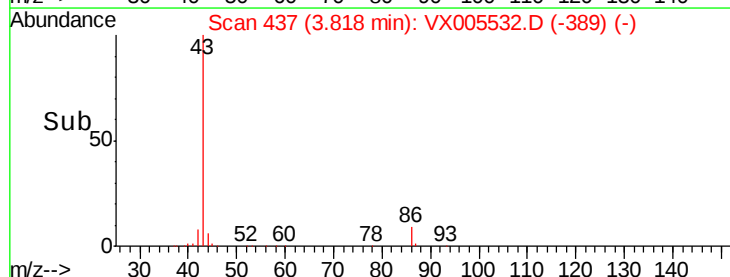
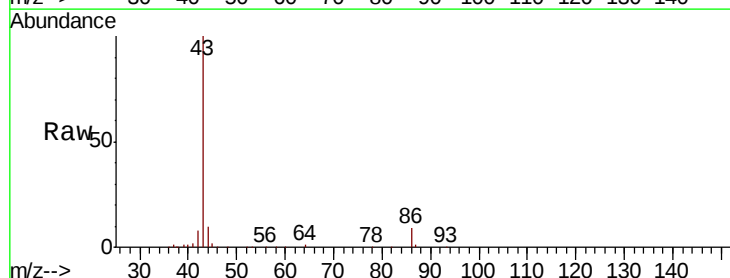
Acq: 24 Oct 2018 10:39

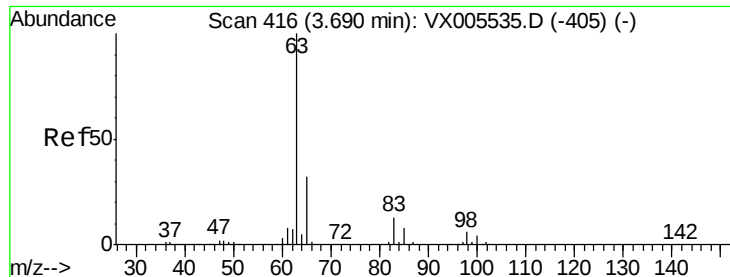
Tgt Ion: 43 Resp: 48581

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.2





#24

1,1-Dichloroethane

Concen: 1.255 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

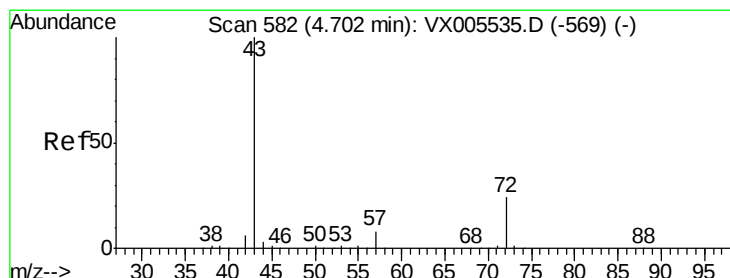
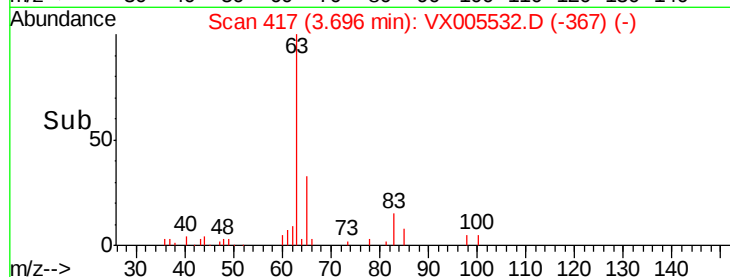
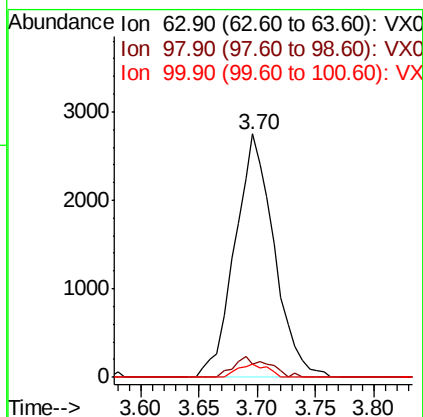
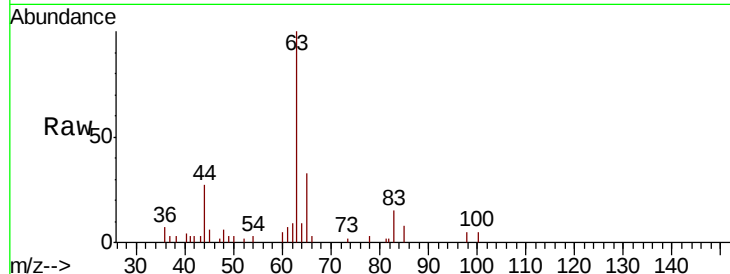
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	6438
Ion Ratio	Lower	Upper	
63	100		
98	5.5	3.2	9.6
100	5.2	2.1	6.2

Manual Integrations
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#25

2-Butanone

Concen: 5.441 ug/l

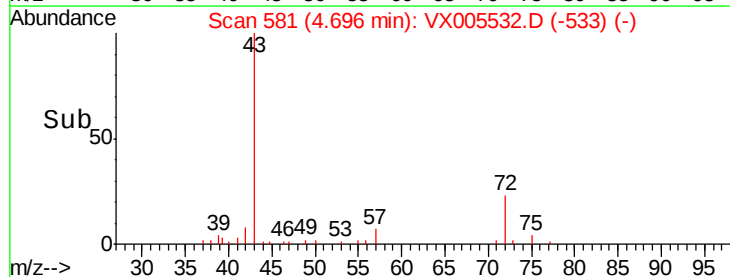
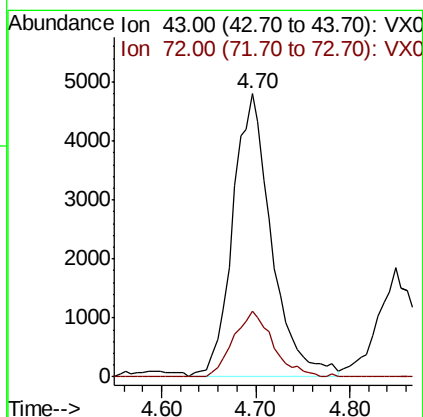
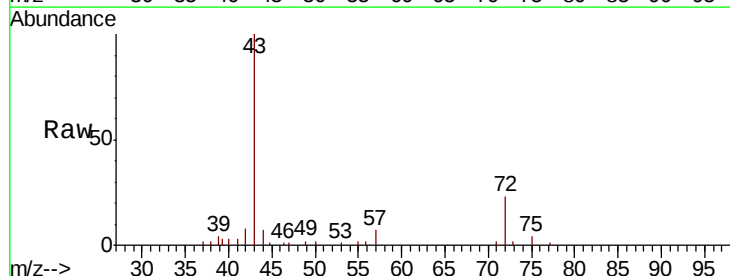
RT: 4.70 min Scan# 581

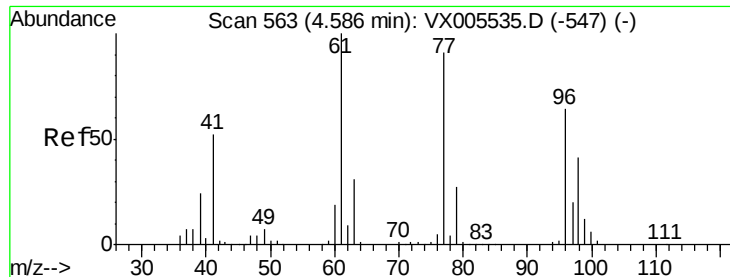
Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	43	Resp:	13783
Ion Ratio	Lower	Upper	
43	100		
72	23.4	19.2	28.8





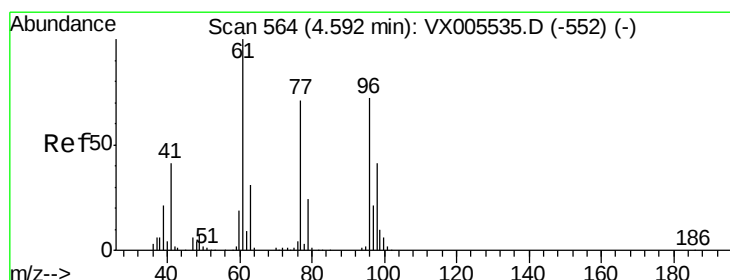
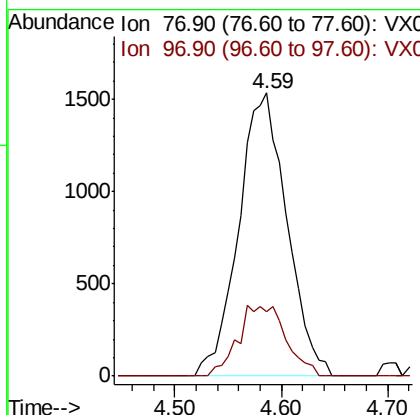
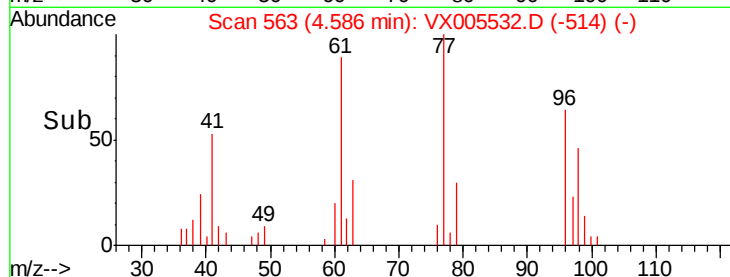
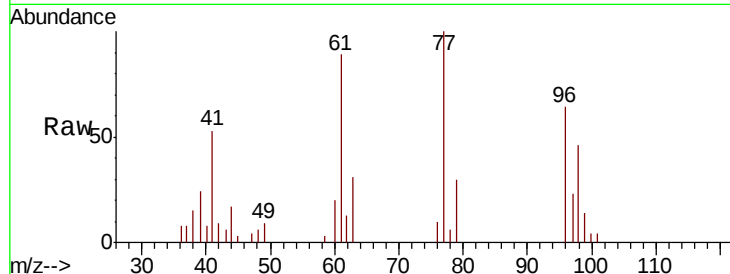
#26
2,2-Dichloropropane
Concen: 1.231 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 77 Resp: 4877
Ion Ratio Lower Upper
77 100
97 24.7 11.5 34.5

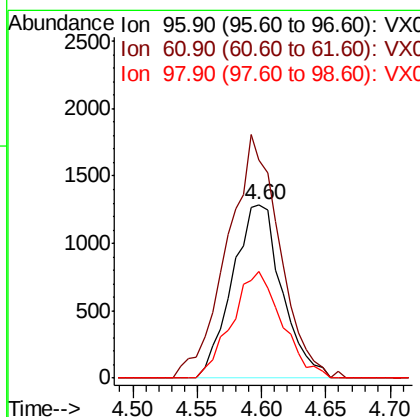
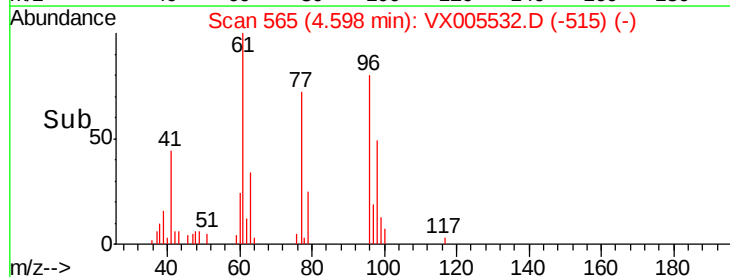
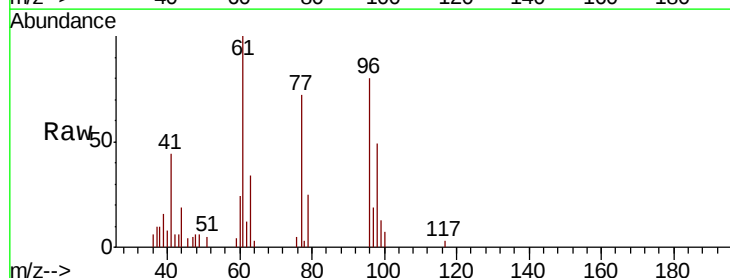
Manual Integrations
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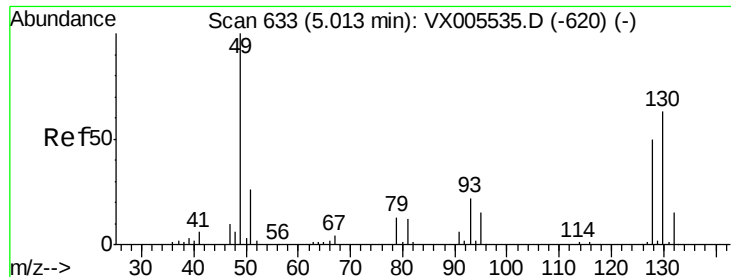
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#27
cis-1,2-Dichloroethene
Concen: 1.208 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 96 Resp: 3443
Ion Ratio Lower Upper
96 100
61 148.4 0.0 304.6
98 61.8 0.0 127.4





#28

Bromochloromethane

Concen: 1.215 ug/l

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

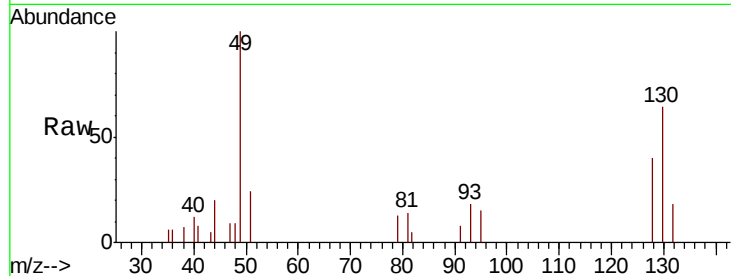
ClientSampleId :

VSTDIC001

Tot Ion:	49	Resp:	3014
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	71.0	58.9	88.3

Manual Integrations
APPROVED

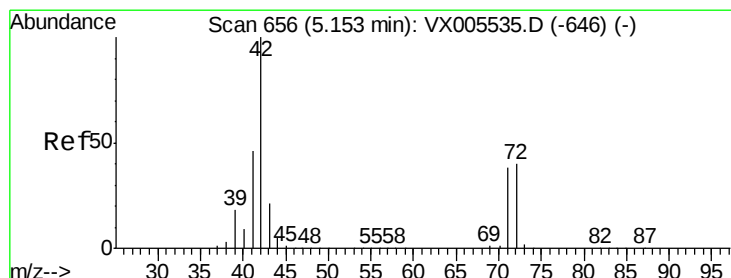
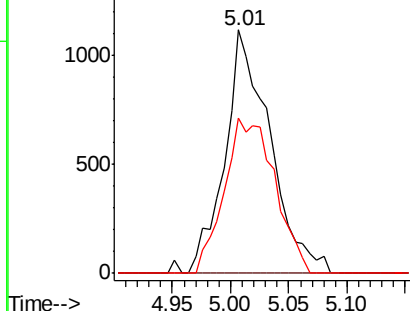
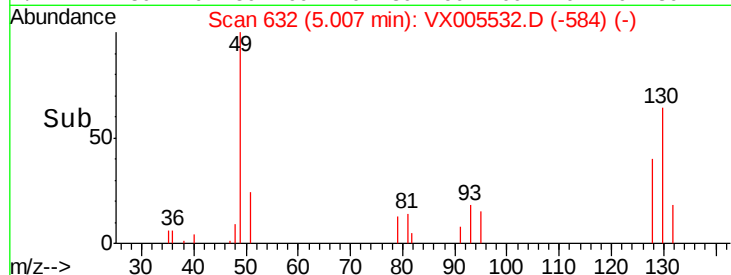
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Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 5.308 ug/l

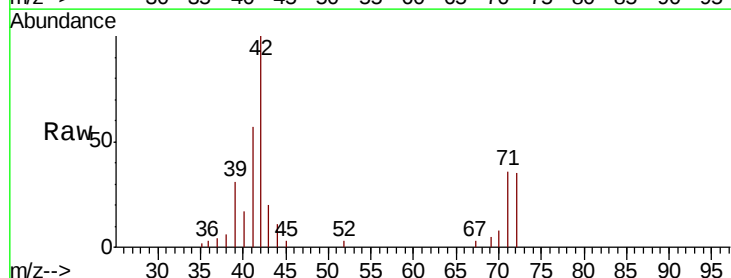
RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

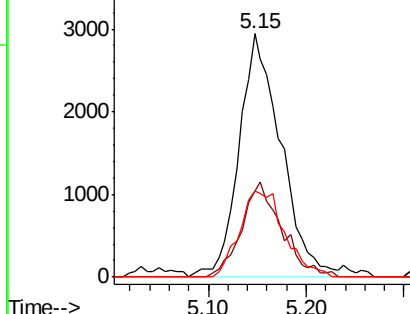
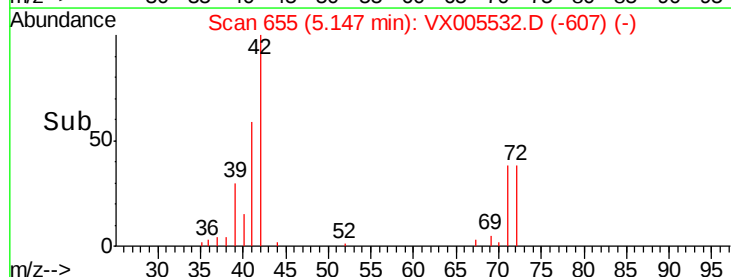
Tgt Ion:	42	Resp:	8751
Ion	Ratio	Lower	Upper
42	100		
72	37.4	32.0	48.0
71	38.2	29.8	44.8

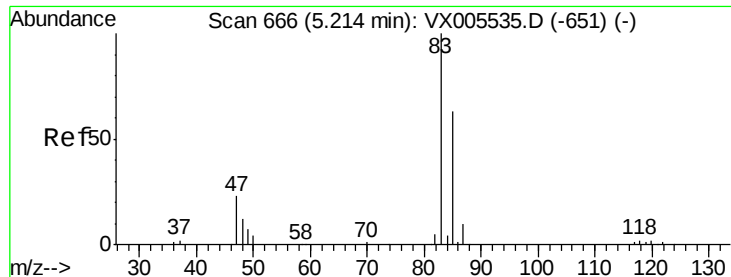


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





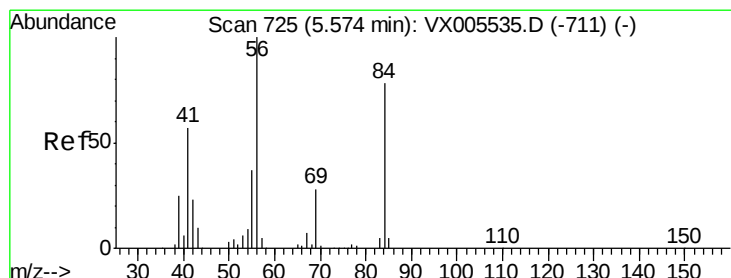
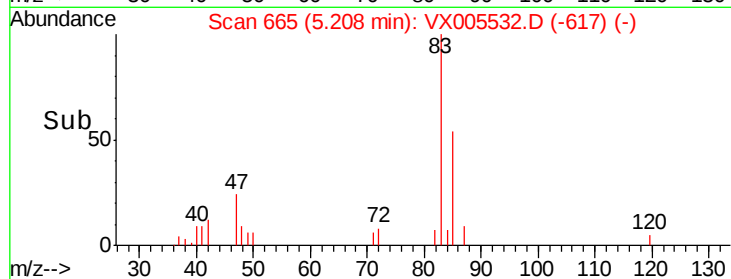
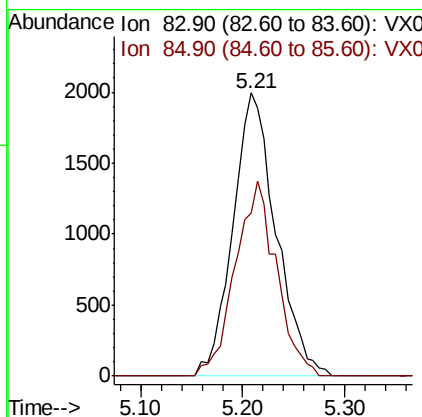
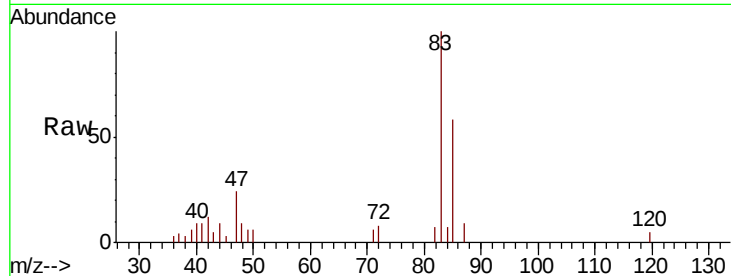
#30
Chloroform
Concen: 1.219 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	5848
Ion Ratio	Lower	Upper	
83	100		
85	57.5	50.6	76.0

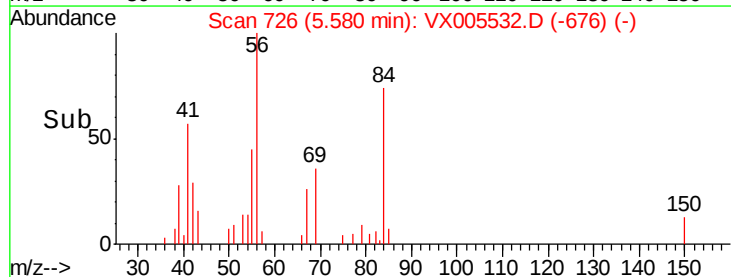
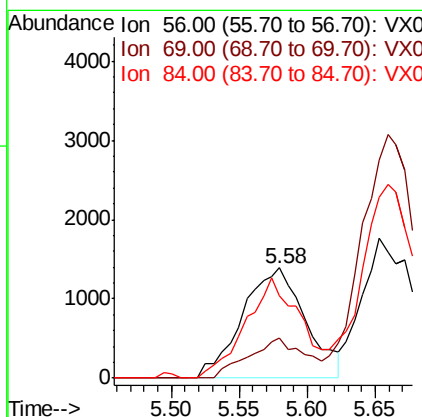
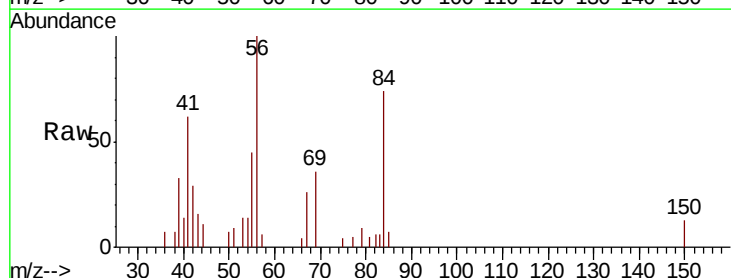
Manual Integrations
APPROVED

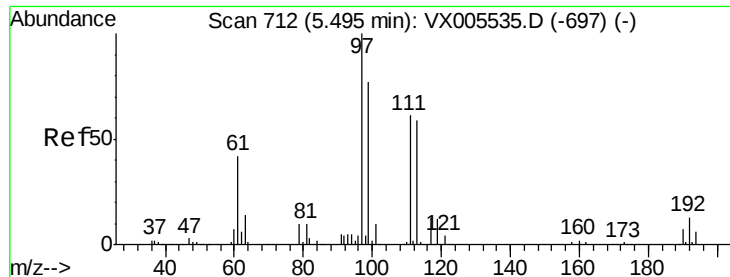
MMDadoda
10/26/2018 11:52:57 AM



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion	56	Resp	4518
Ion Ratio	Lower	Upper	
56	100		
69	35.9	22.6	34.0#
84	74.5	62.7	94.1





#32

1,1,1-Trichloroethane

Concen: 1.186 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

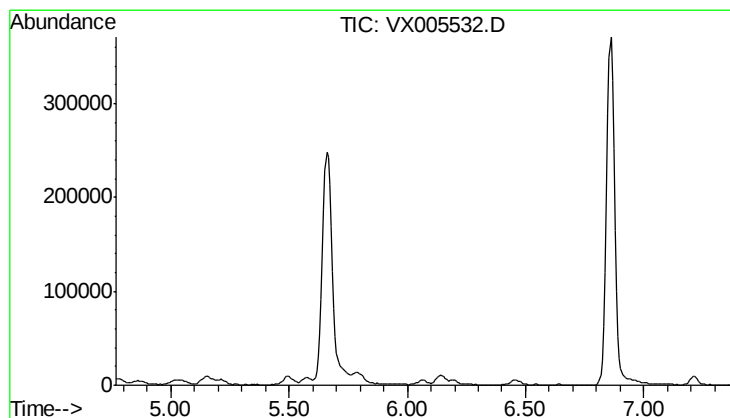
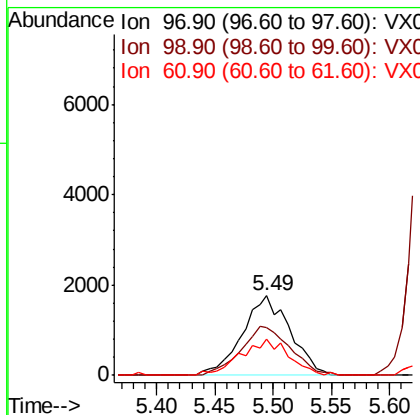
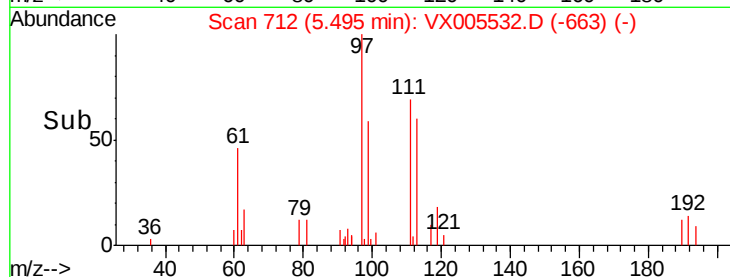
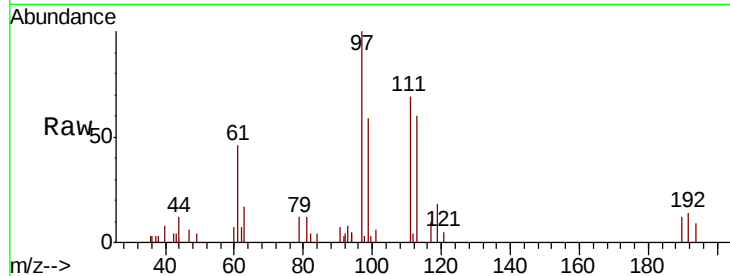
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.3	78.5#
61	44.8	35.2	52.8

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.07 min

Lab File: VX005532.D

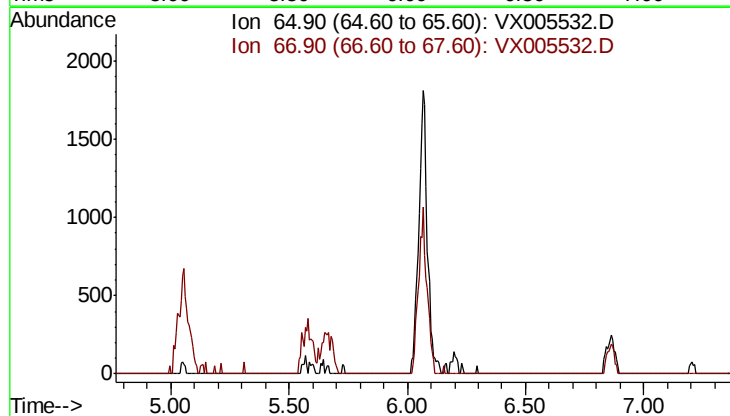
Acq: 24 Oct 2018 10:39

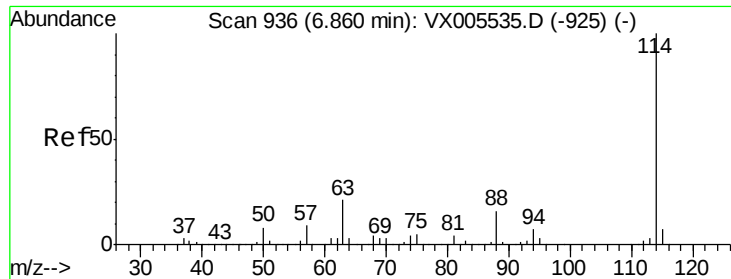
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.5





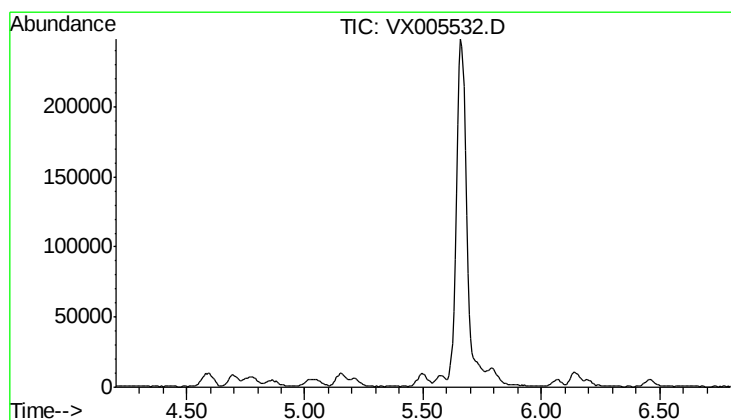
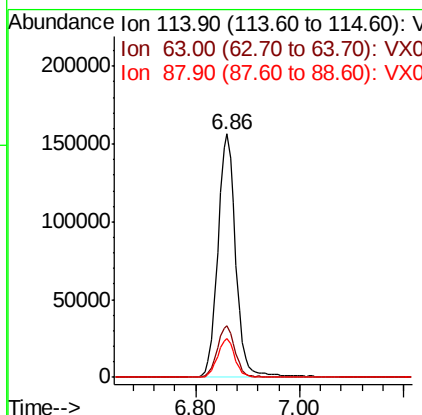
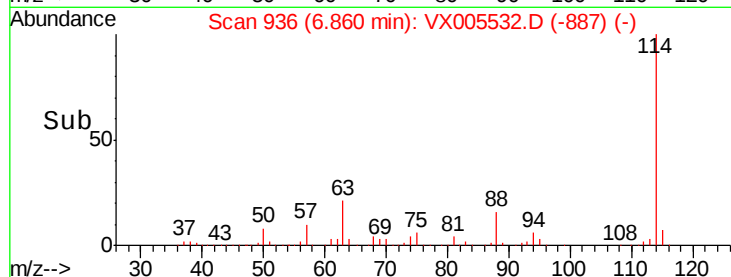
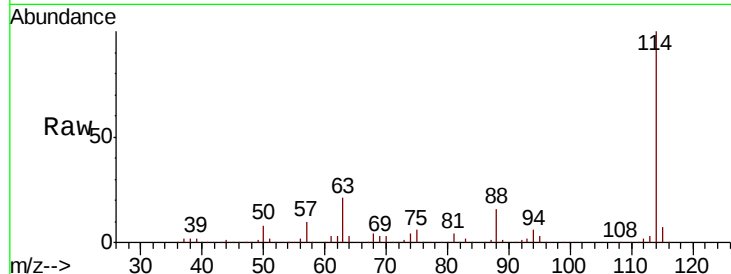
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.2	0.0	42.8
88	15.9	0.0	31.2

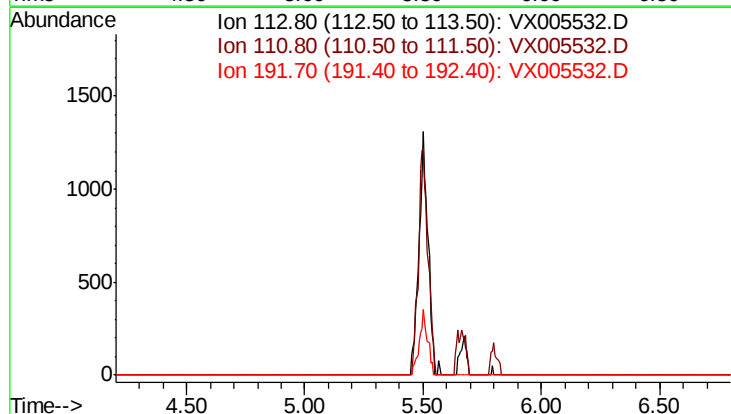
Manual Integrations
 APPROVED

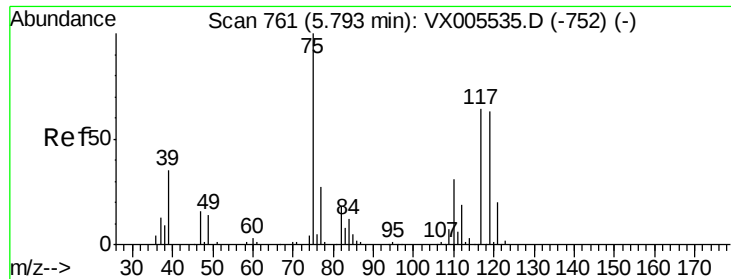
MMDadoda
 10/26/2018 11:52:57 AM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.50 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion	Exp Ratio
113	100
111	102.9
192	22.4





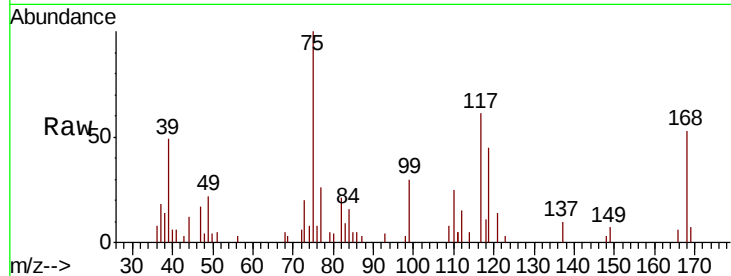
#36
 1,1-Dichloropropene
 Concen: 1.209 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

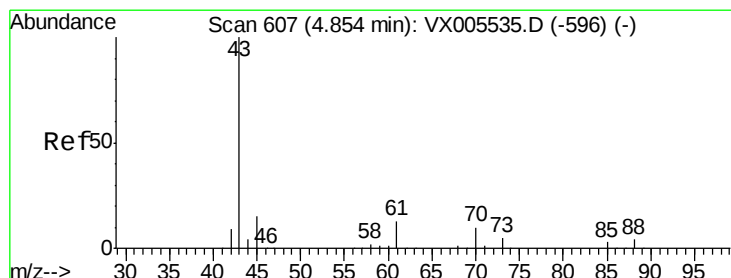
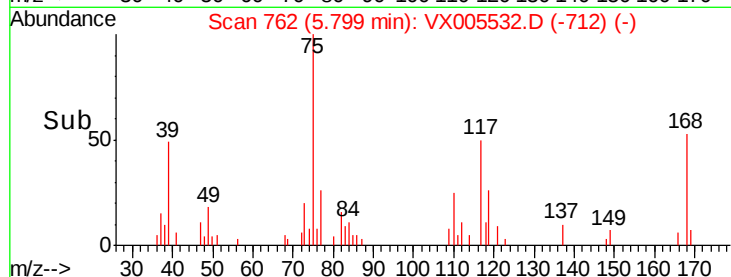
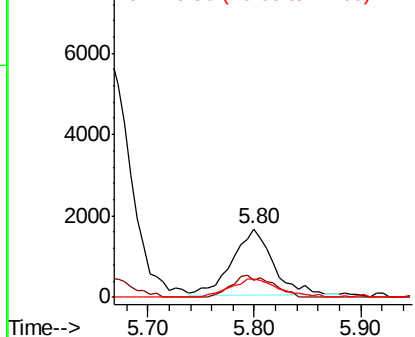
Tot Ion	Ratio	Lower	Upper
75	100		
110	32.8	17.4	52.2
77	32.7	25.8	38.6

Manual Integrations
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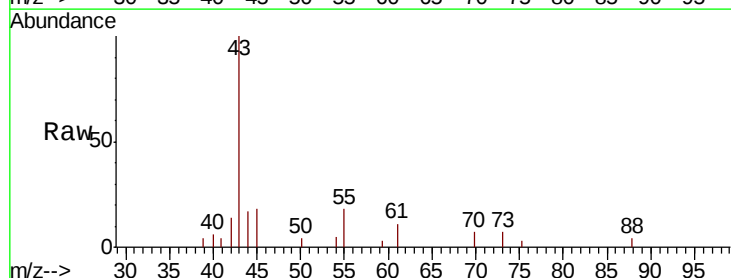


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

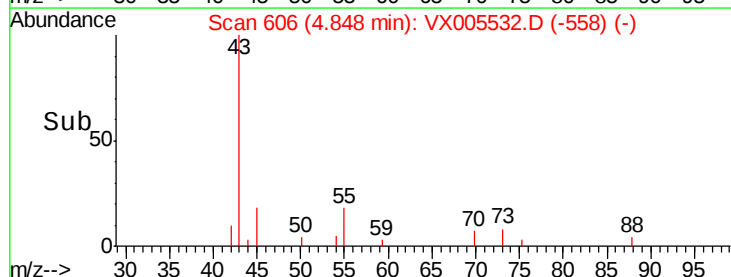
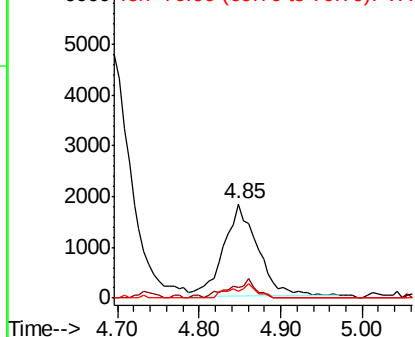


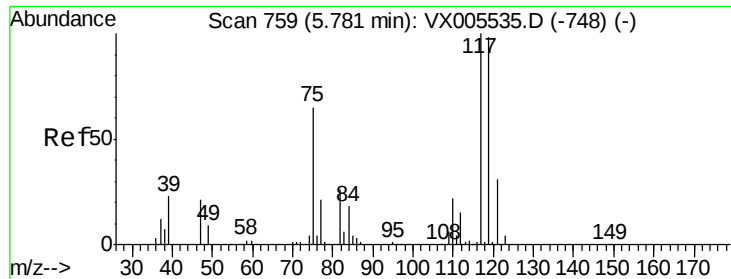
#37
 Ethyl Acetate
 Concen: 1.130 ug/l
 RT: 4.85 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.8	16.2
70	11.1	7.8	11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0





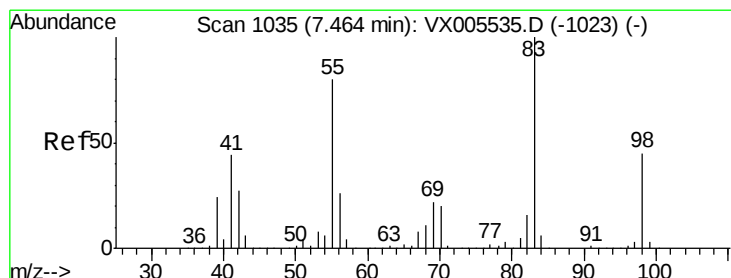
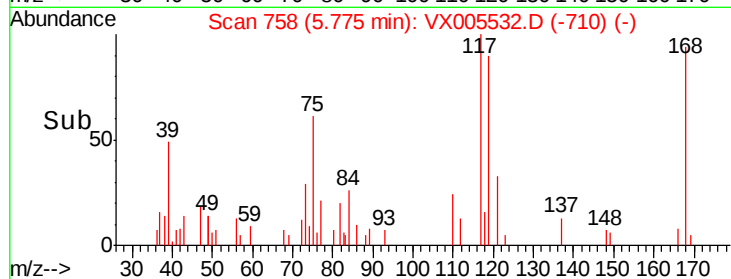
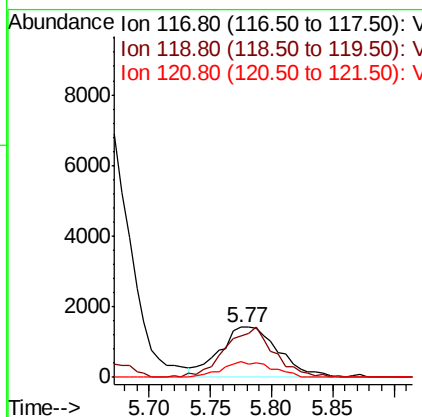
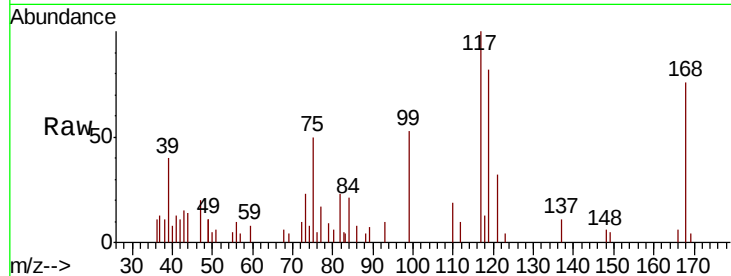
#38
Carbon Tetrachloride
Concen: 1.231 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 4770
Ion Ratio Lower Upper
117 100
119 78.1 78.1 117.1
121 32.2 24.6 36.8

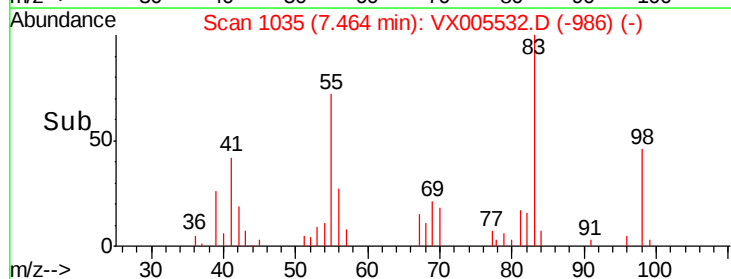
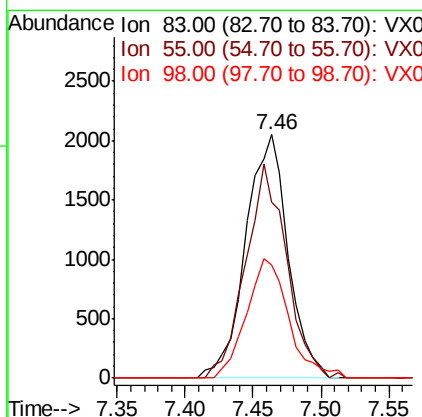
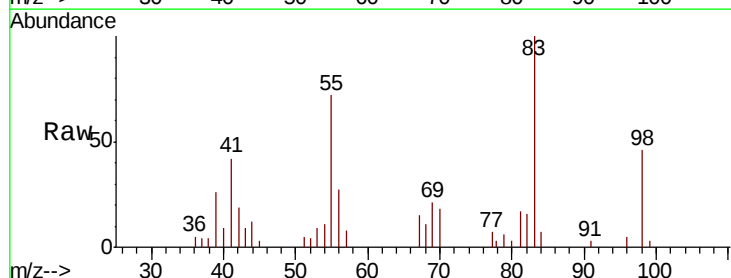
Manual Integrations
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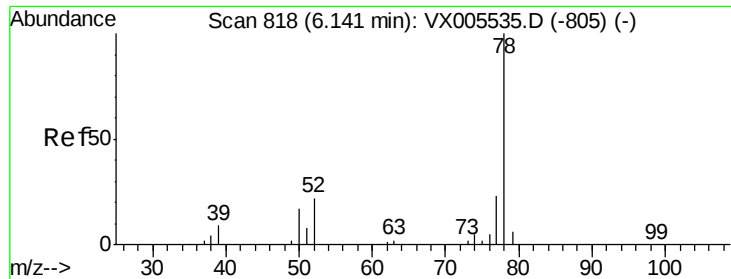
MMDadoda
10/26/2018 11:52:57 AM



#39
Methylcyclohexane
Concen: 1.099 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 83 Resp: 4462
Ion Ratio Lower Upper
83 100
55 72.3 63.7 95.5
98 46.2 36.2 54.2





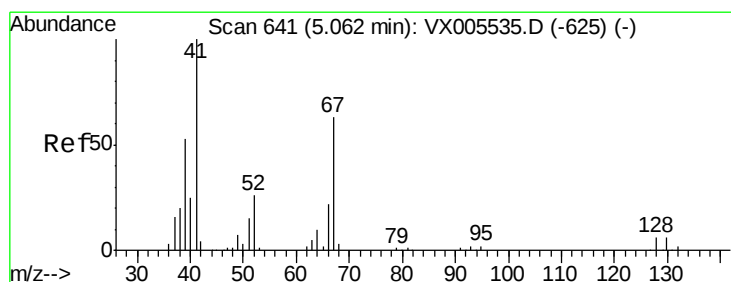
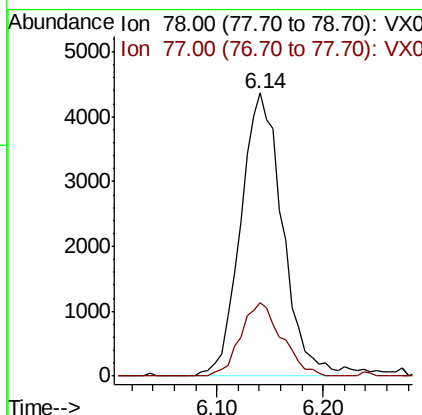
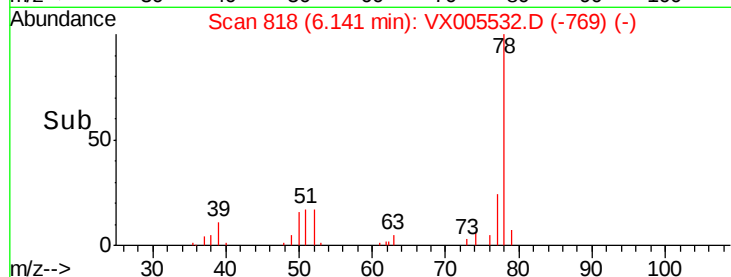
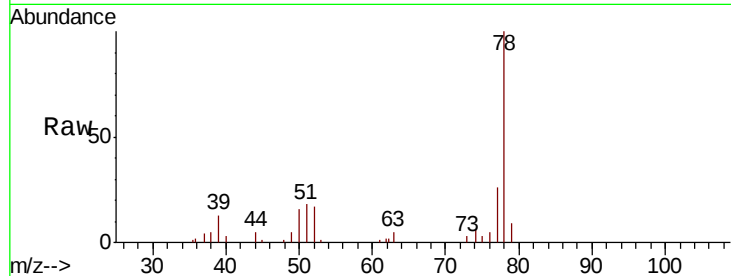
#40
Benzene
Concen: 1.140 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 12013
Ion Ratio Lower Upper
78 100
77 25.8 18.4 27.6

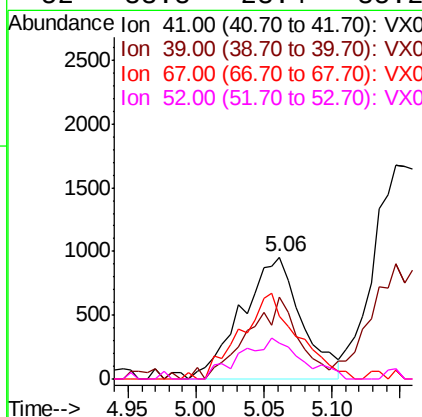
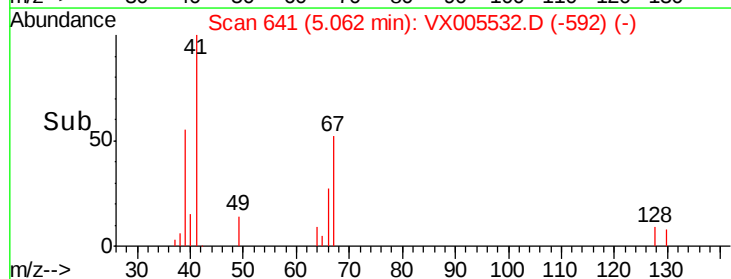
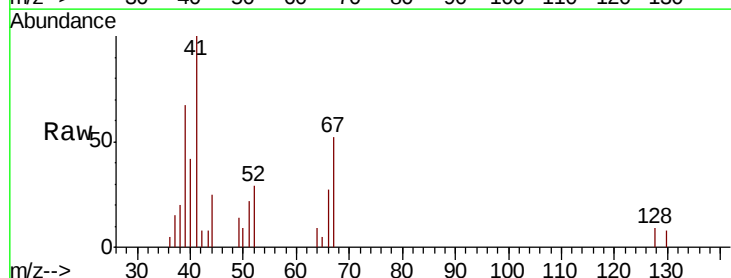
Manual Integrations
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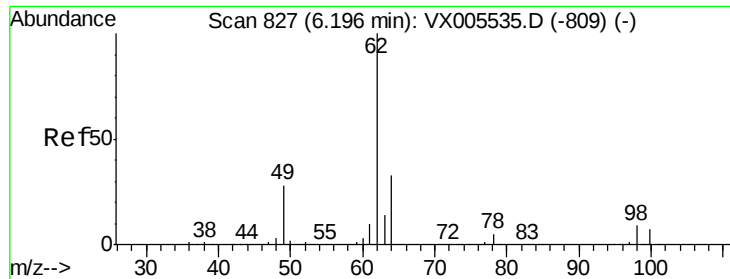
MMDadoda
10/26/2018 11:52:57 AM



#41
Methacrylonitrile
Concen: 1.121 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 41 Resp: 2931
Ion Ratio Lower Upper
41 100
39 57.4 42.2 63.2
67 67.2 53.4 80.0
52 33.8 23.4 35.2





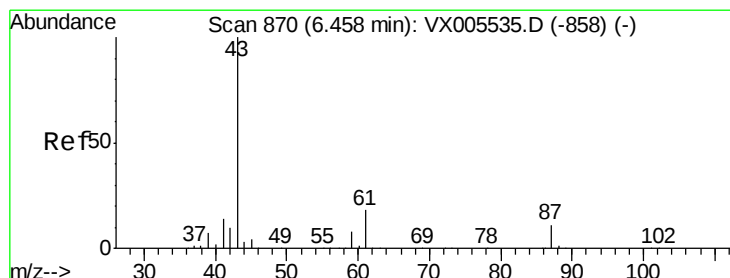
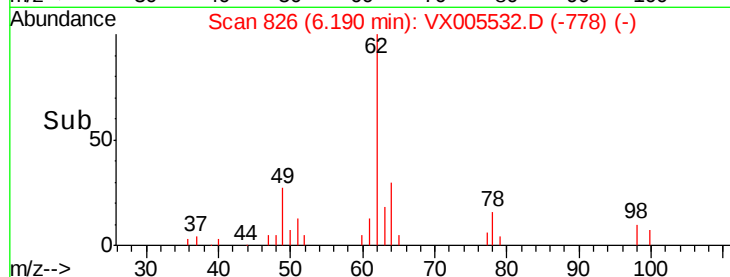
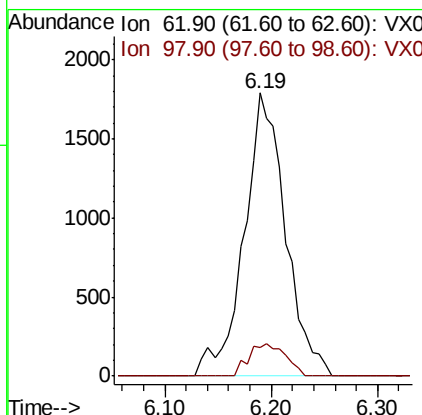
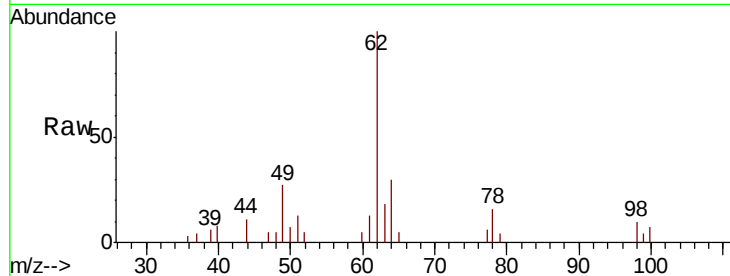
#42
 1,2-Dichloroethane
 Concen: 1.213 ug/l
 RT: 6.19 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	17.8

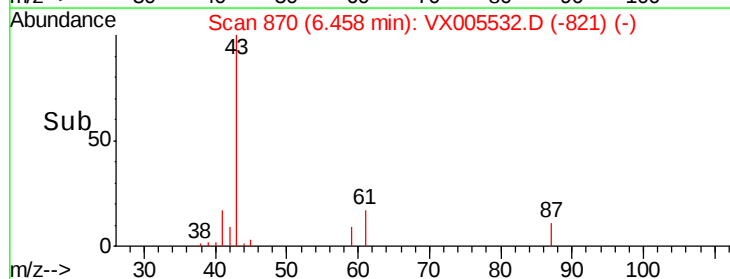
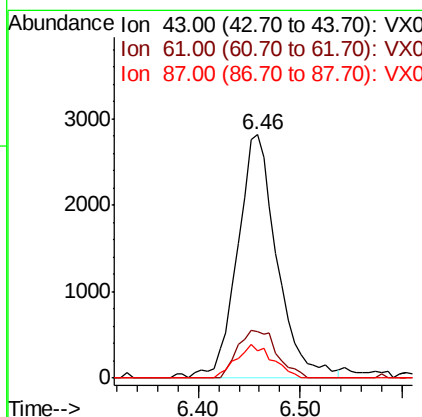
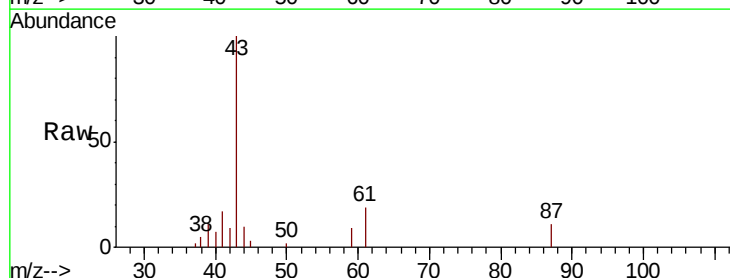
Manual Integrations
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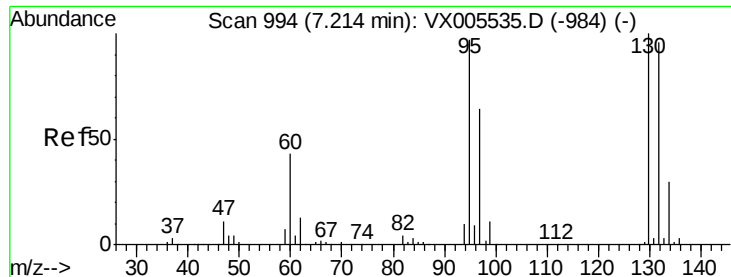
MMDadoda
 10/26/2018 11:52:57 AM



#43
 Isopropyl Acetate
 Concen: 1.074 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.6	22.0
87	12.6	9.6	14.4





#44

Trichloroethene

Concen: 1.213 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3485

Ion Ratio Lower Upper

130 100

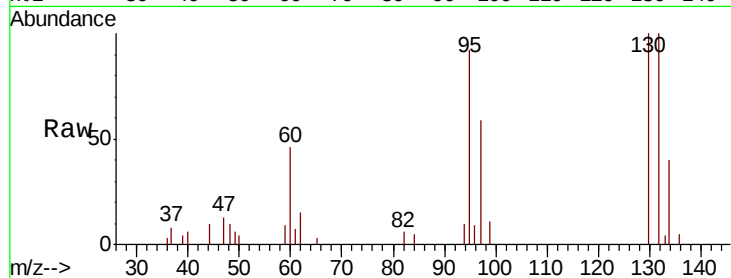
95 92.2 0.0 194.2

Manual Integrations

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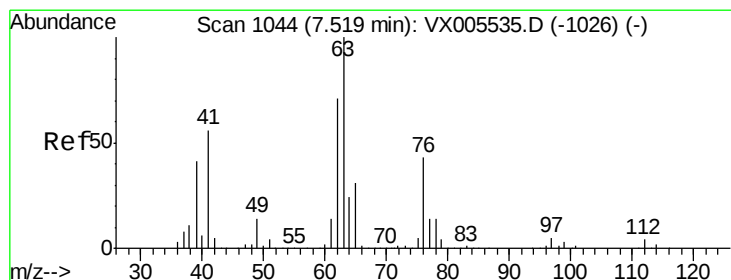
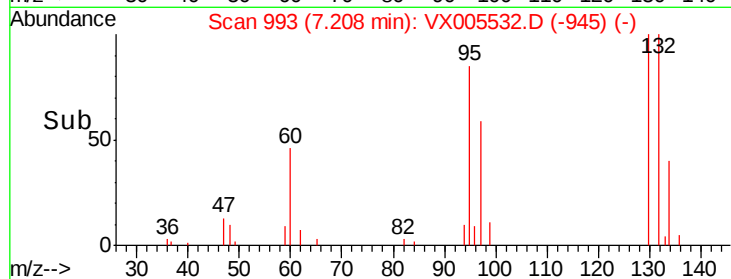
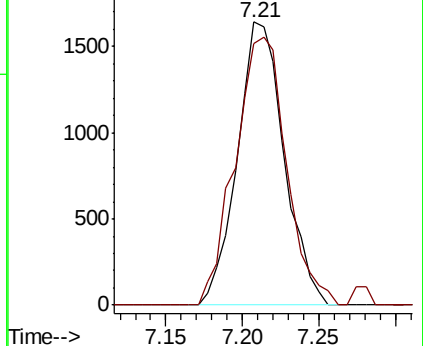
MMDadoda

10/26/2018 11:52:57 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.217 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005532.D

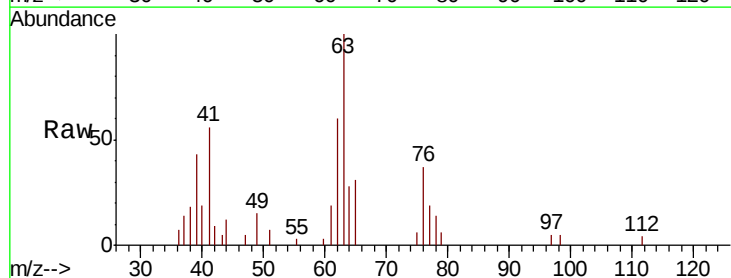
Acq: 24 Oct 2018 10:39

Tgt Ion: 63 Resp: 3450

Ion Ratio Lower Upper

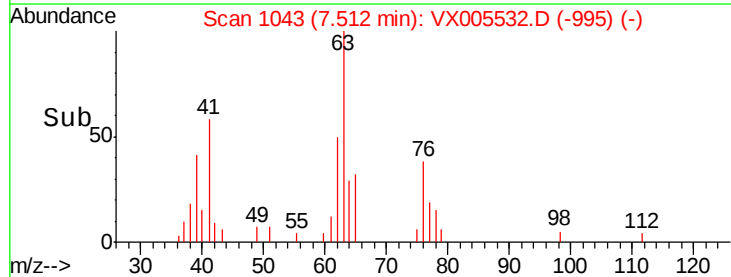
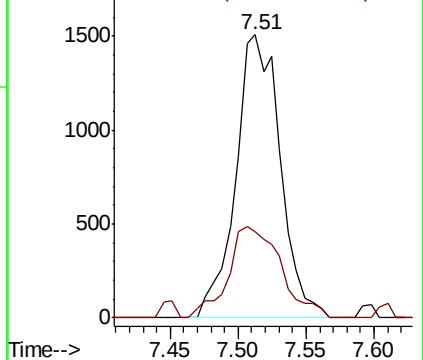
63 100

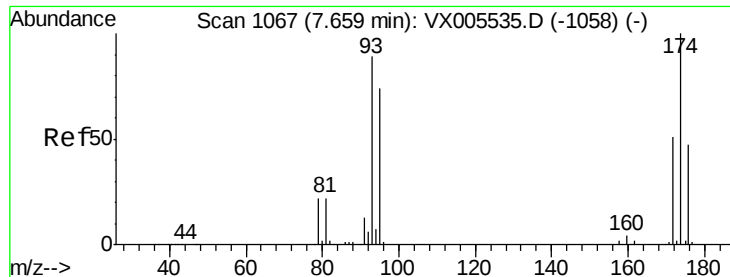
65 30.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





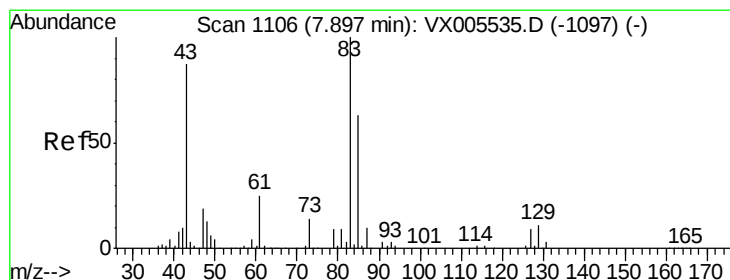
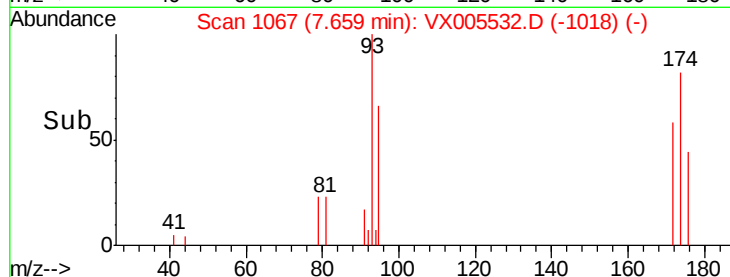
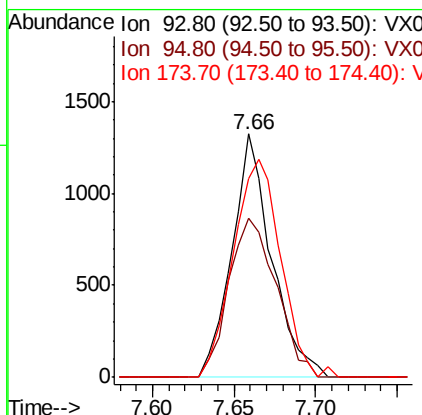
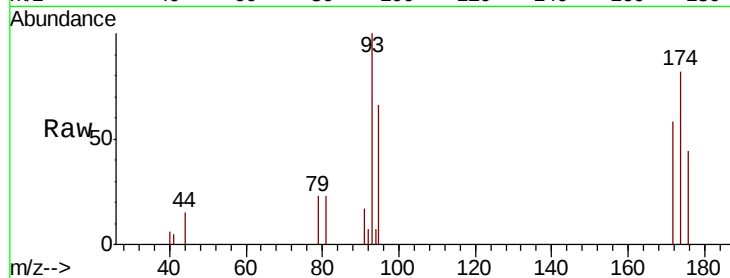
#46
Dibromomethane
Concen: 1.223 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	78.2	67.4	101.0
174	107.1	91.5	137.3

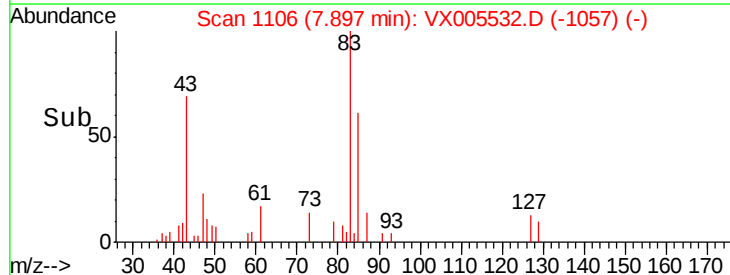
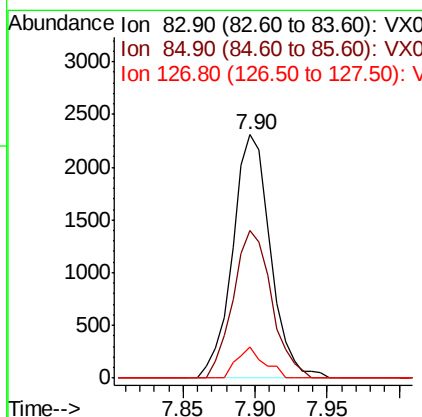
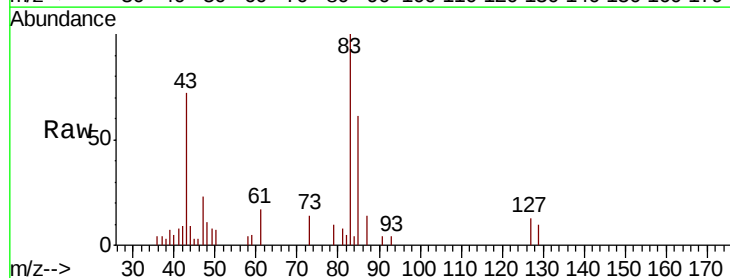
Manual Integrations
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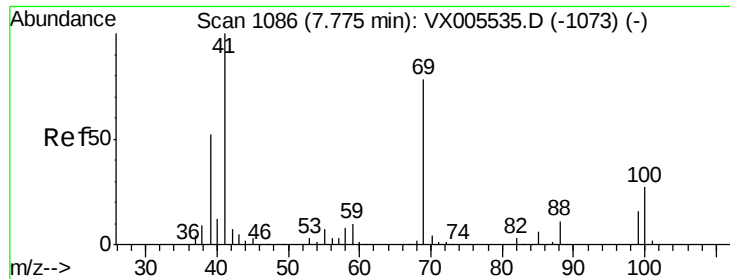
MMDadoda
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#47
Bromodichloromethane
Concen: 1.188 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.7	50.2	75.4
127	12.8	6.9	10.3#





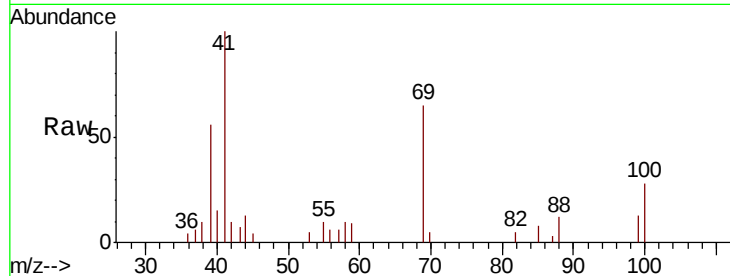
#48
Methvl methacrylate
Concen: 1.012 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

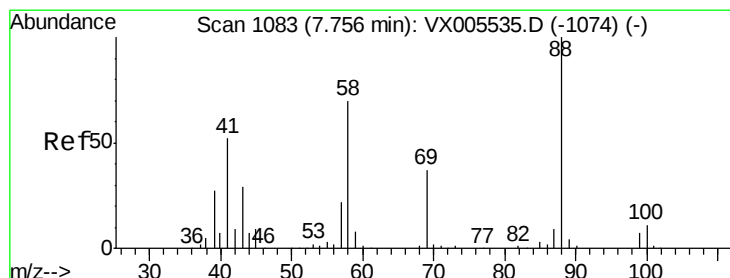
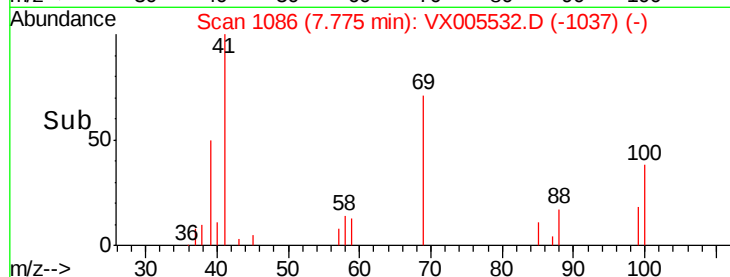
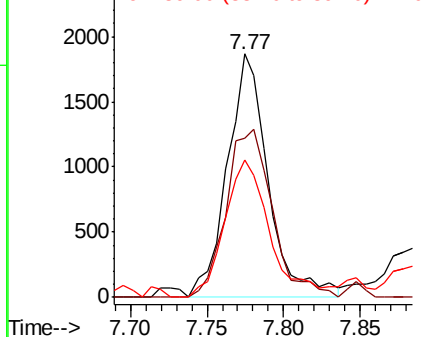
Tot Ion	Ratio	Lower	Upper
41	100		
69	77.9	63.2	94.8
39	61.3	42.2	63.2

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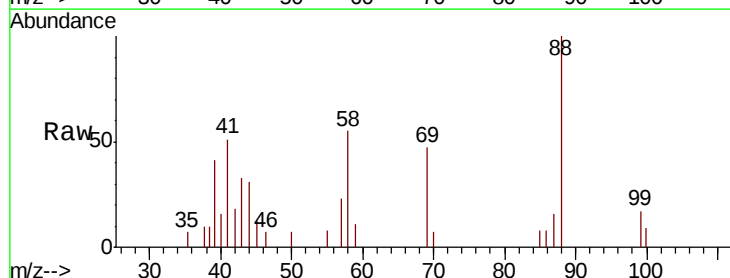


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

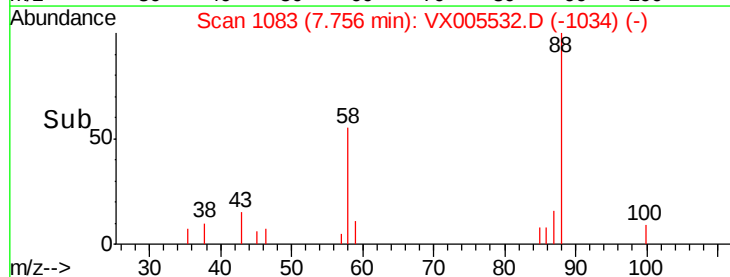
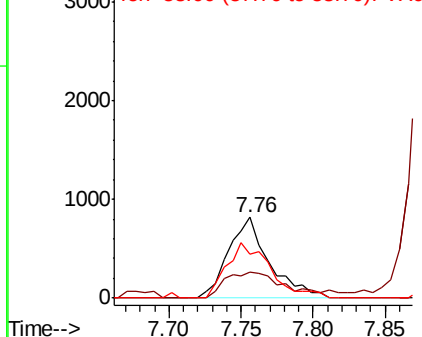


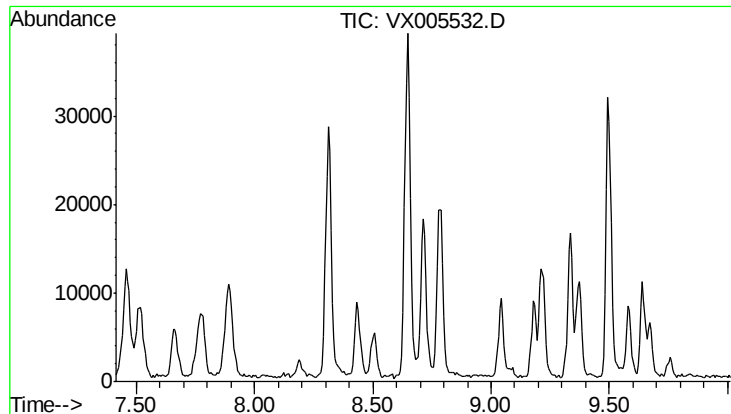
#49
1,4-Dioxane
Concen: 21.678 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
88	100		
43	51.4	27.4	41.0#
58	73.6	59.4	89.2



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





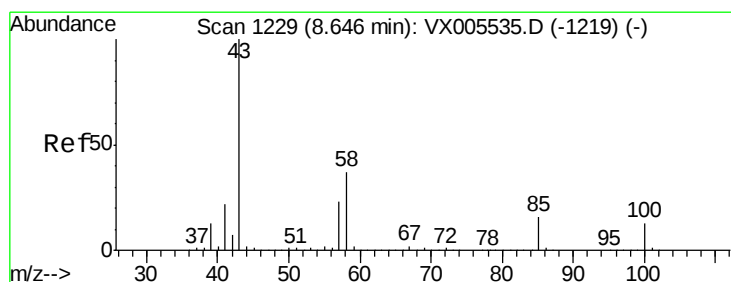
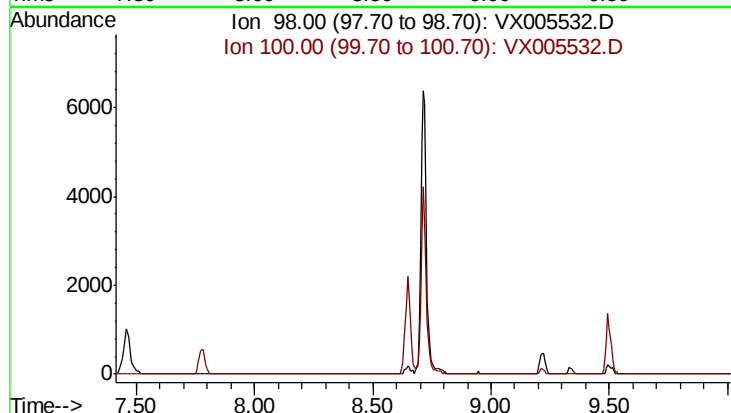
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.1

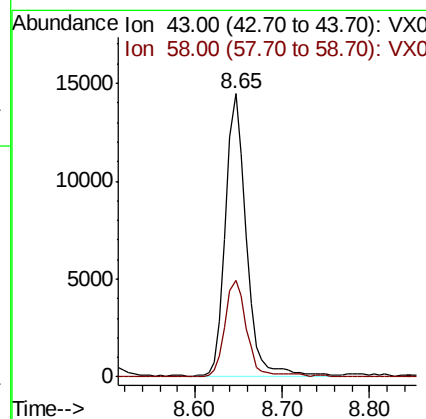
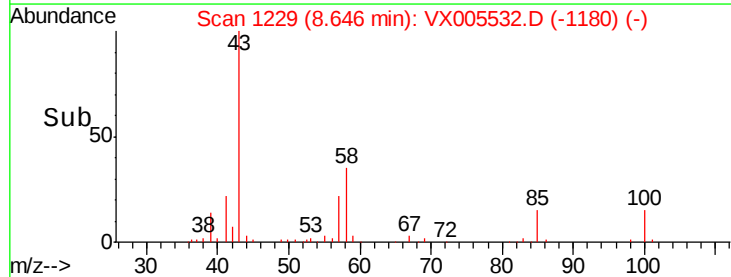
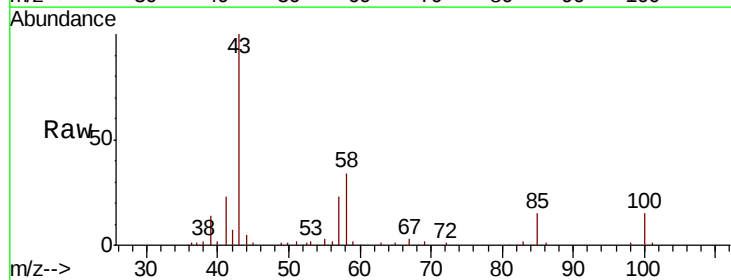
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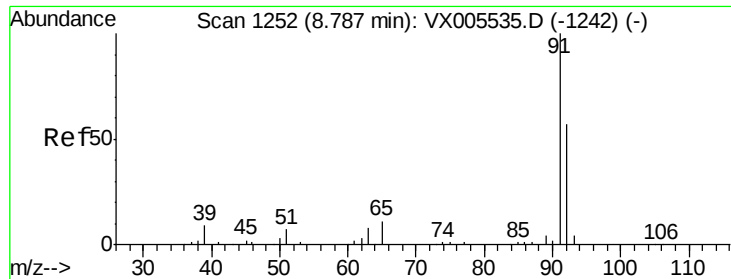
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#51
4-Methyl-2-Pentanone
Concen: 5.114 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion: 43 Resp: 24172
Ion Ratio Lower Upper
43 100
58 36.0 29.7 44.5





#52

Toluene

Concen: 1.090 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 6981

Ion Ratio Lower Upper

92 100

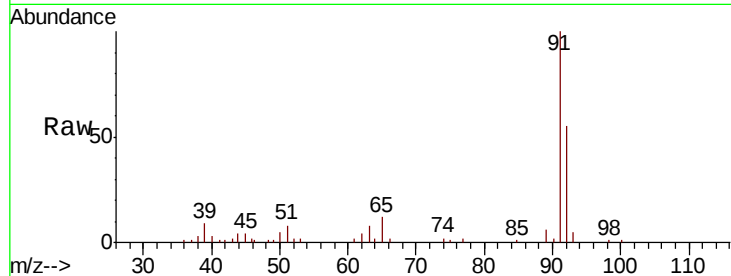
91 176.0 140.4 210.6

Manual Integrations

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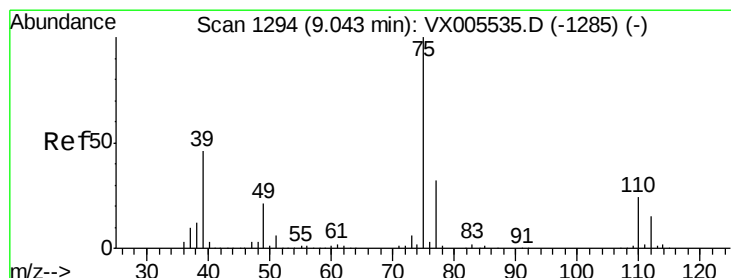
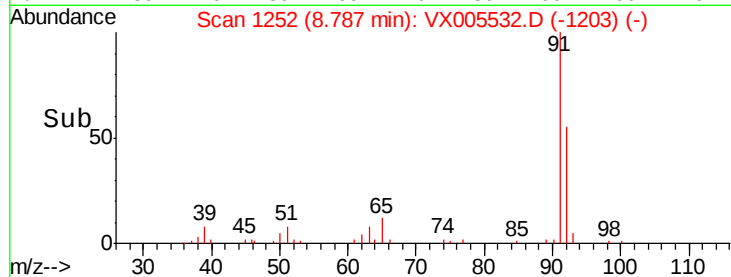
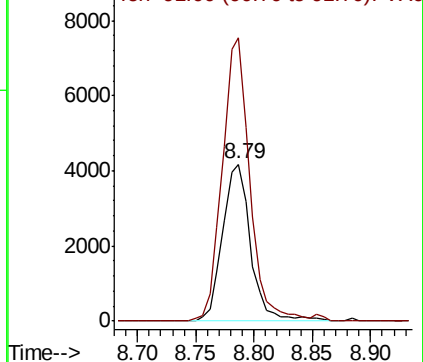
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.012 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005532.D

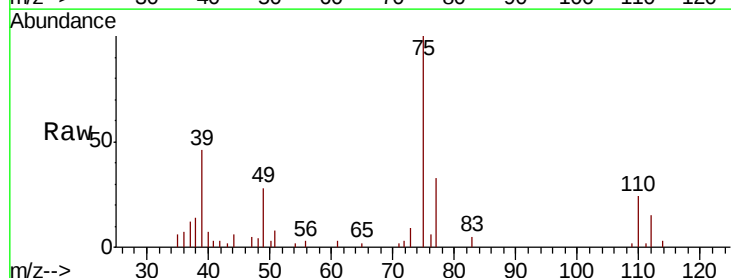
Acq: 24 Oct 2018 10:39

Tgt Ion: 75 Resp: 3887

Ion Ratio Lower Upper

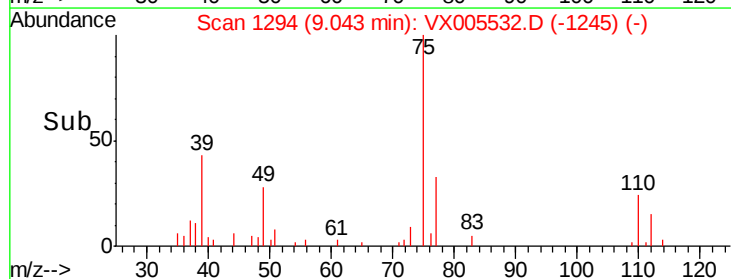
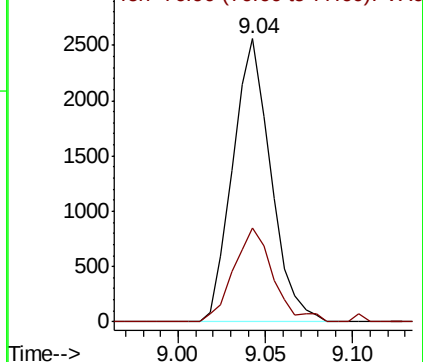
75 100

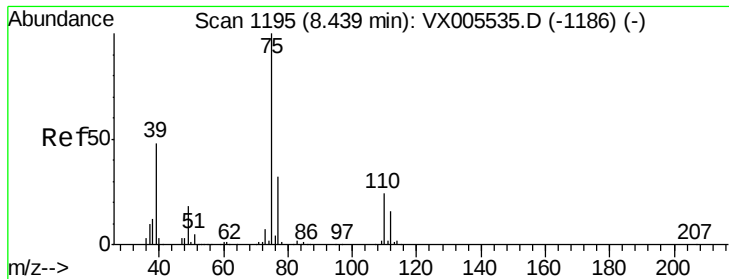
77 33.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 1.003 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

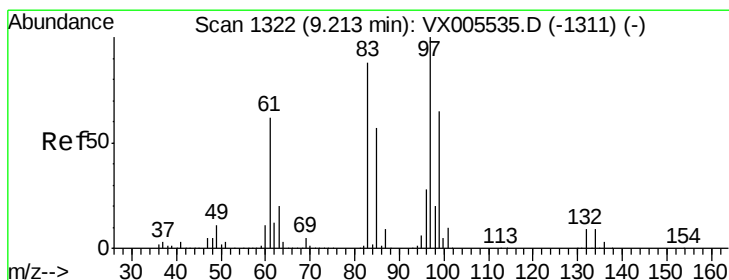
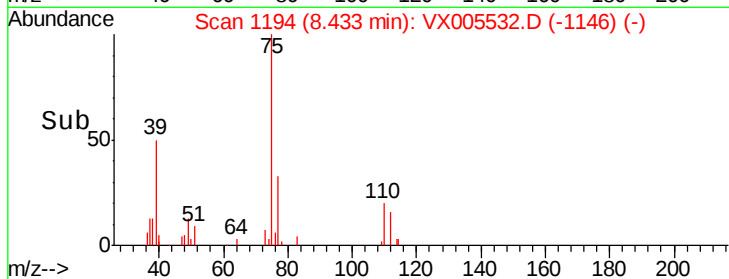
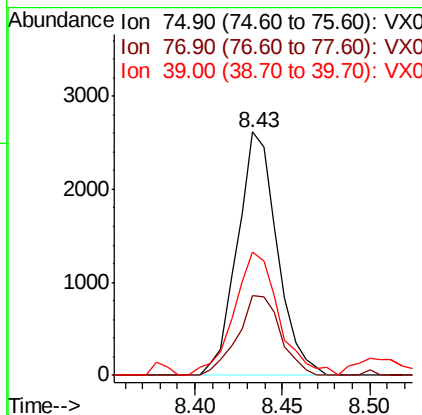
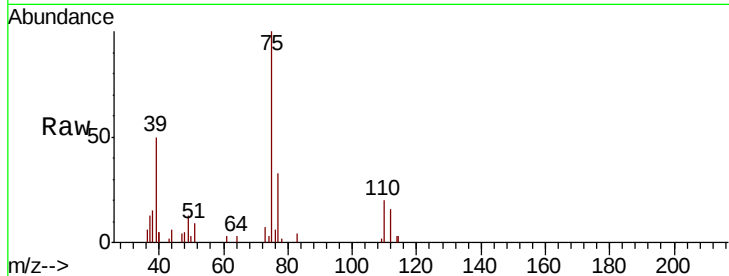
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4145
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.2	37.8
39	50.4	38.2	57.2

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#55

1,1,2-Trichloroethane

Concen: 1.199 ug/l

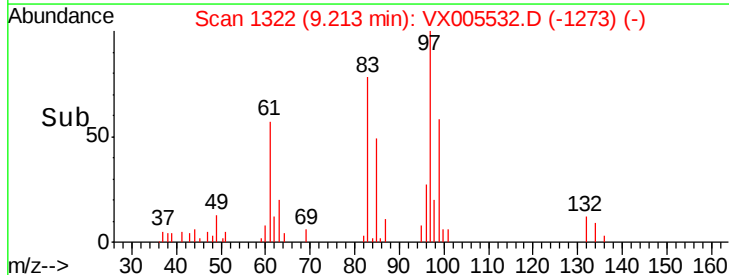
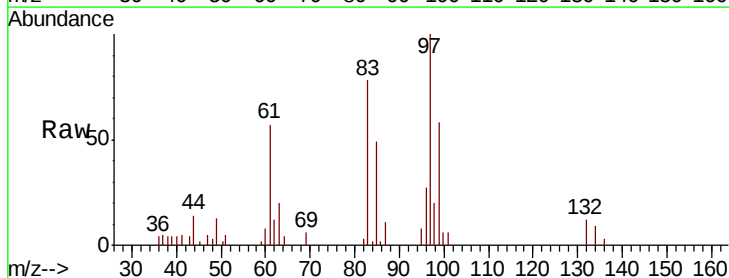
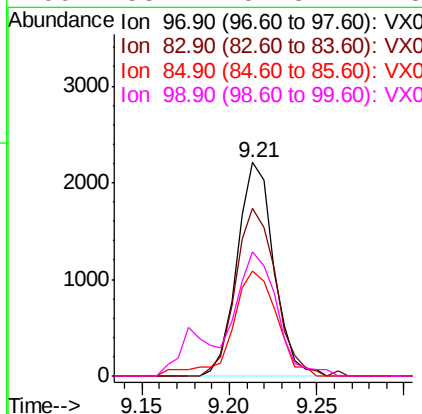
RT: 9.21 min Scan# 1322

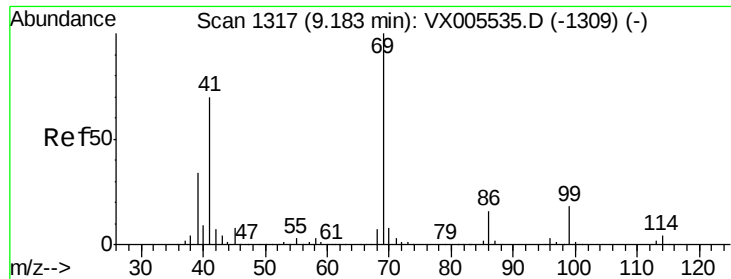
Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	97	Resp:	3239
Ion	Ratio	Lower	Upper
97	100		
83	78.4	70.7	106.1
85	49.4	45.8	68.6
99	58.2	51.8	77.8





#56

Ethyl methacrylate

Concen: 0.973 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

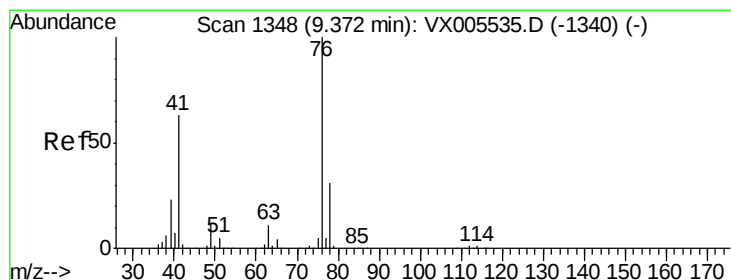
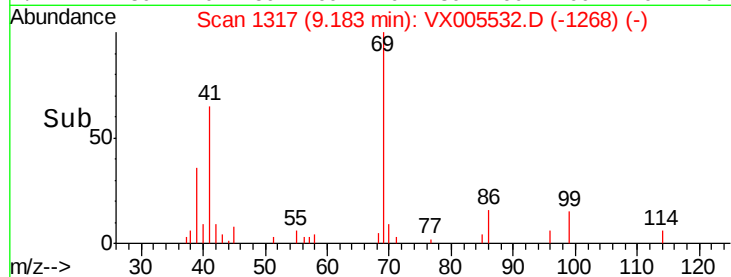
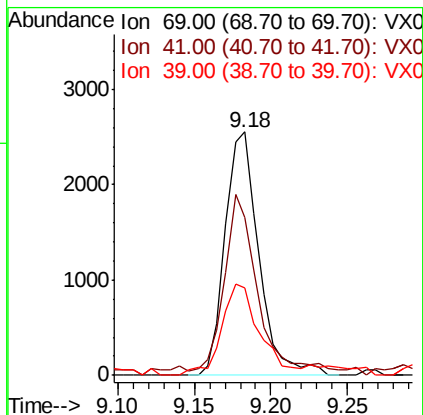
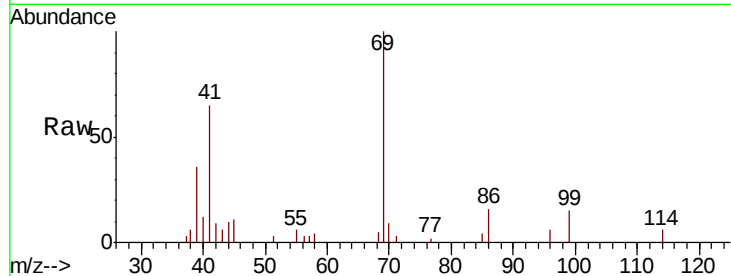
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3919
Ion	Ratio	Lower	Upper
69	100		
41	79.7	57.0	85.6
39	42.0	28.3	42.5

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#57

1,3-Dichloropropane

Concen: 1.172 ug/l

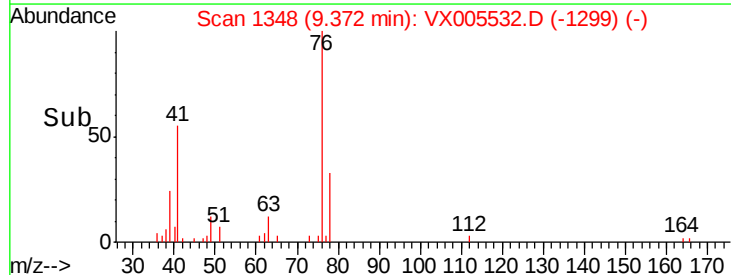
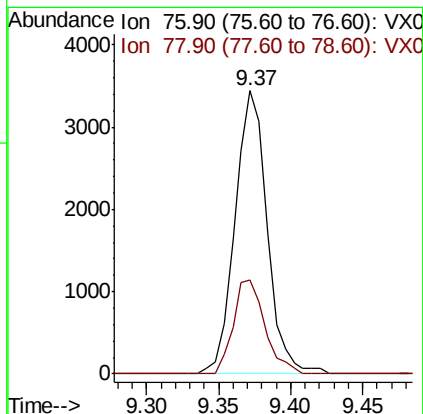
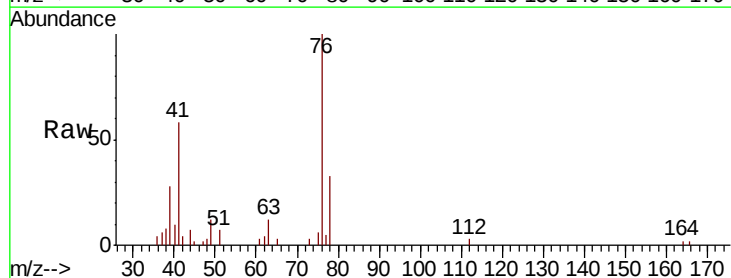
RT: 9.37 min Scan# 1348

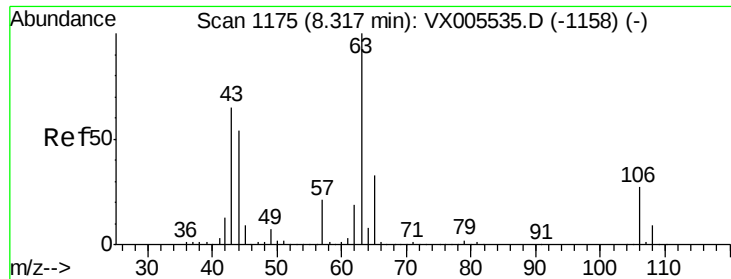
Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	76	Resp:	5359
Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.3	37.9





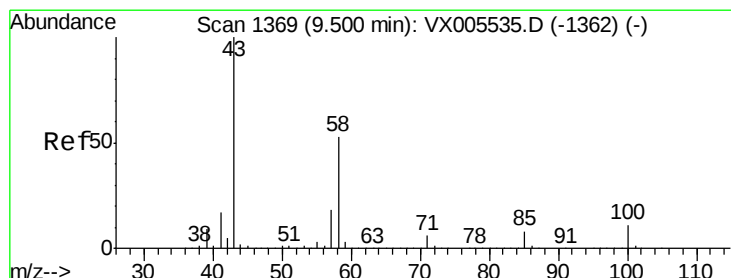
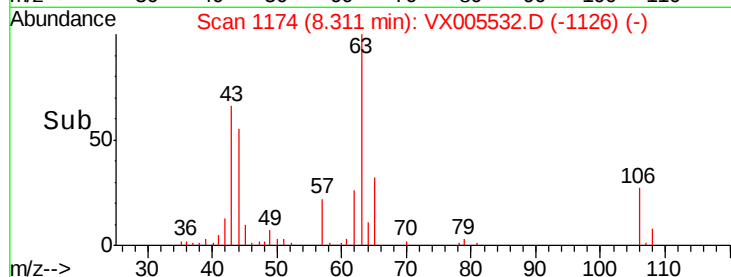
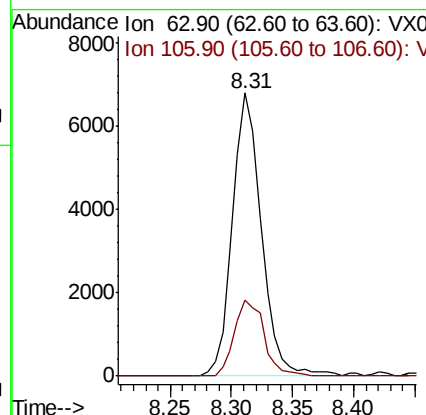
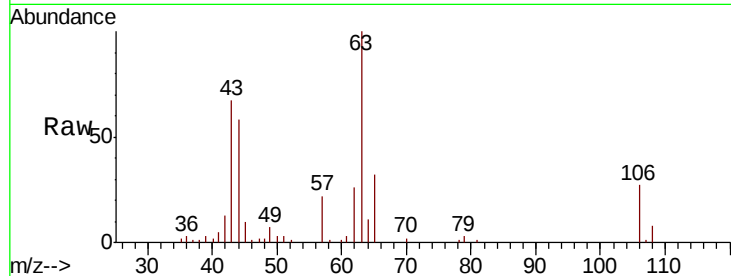
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.944 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 11126
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.3 31.9

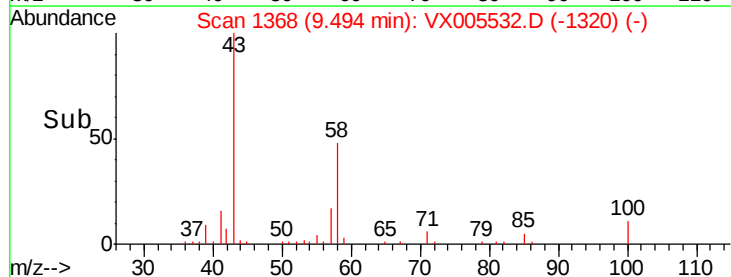
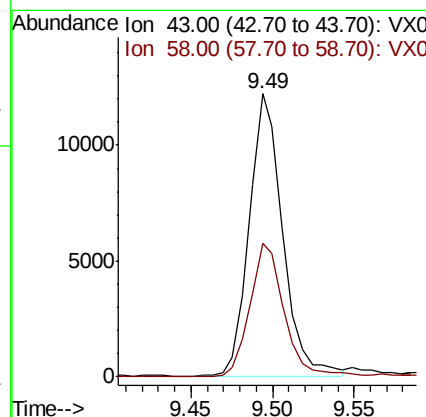
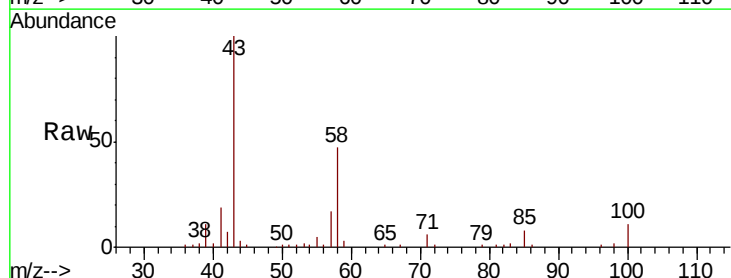
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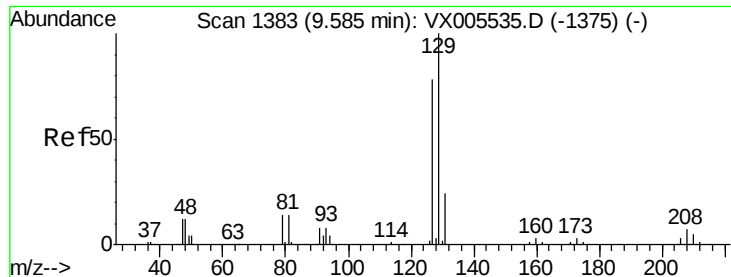
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#59
 2-Hexanone
 Concen: 4.699 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion: 43 Resp: 17509
 Ion Ratio Lower Upper
 43 100
 58 48.7 25.9 77.8





#60

Dibromochloromethane

Concen: 1.052 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2965

Ion Ratio Lower Upper

129 100

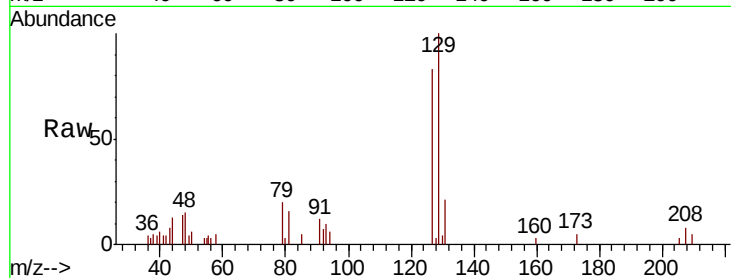
127 81.3 38.9 116.7

Manual Integrations

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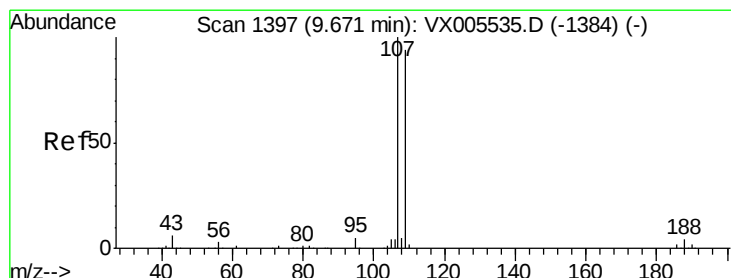
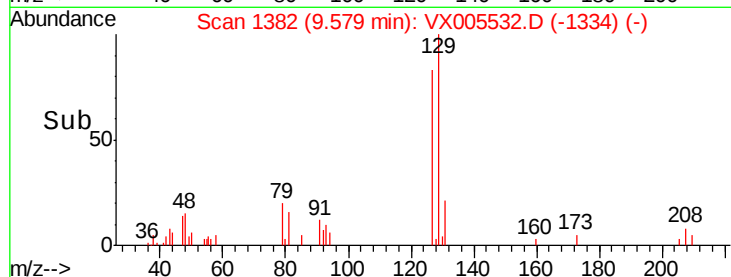
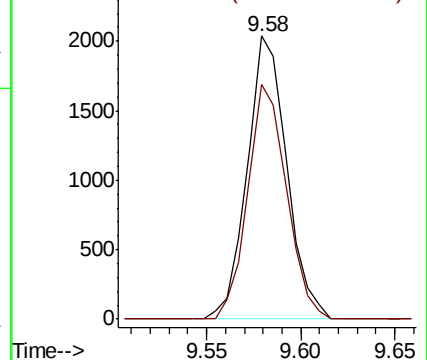
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.125 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005532.D

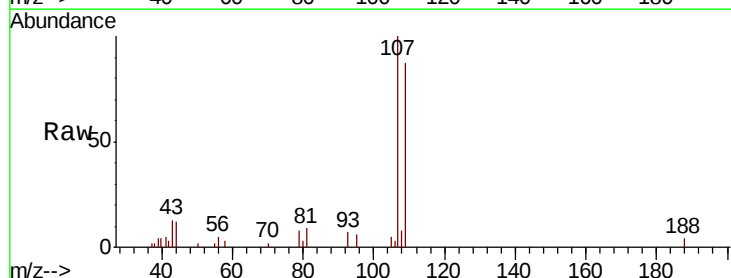
Acq: 24 Oct 2018 10:39

Tgt Ion:107 Resp: 3145

Ion Ratio Lower Upper

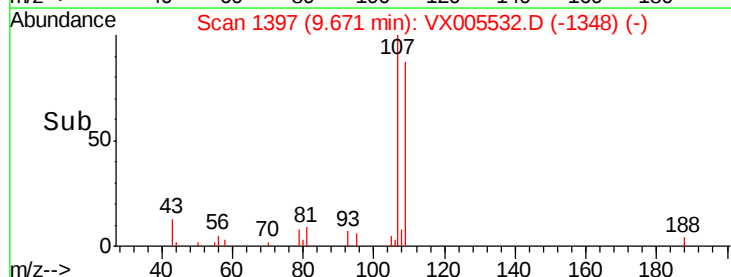
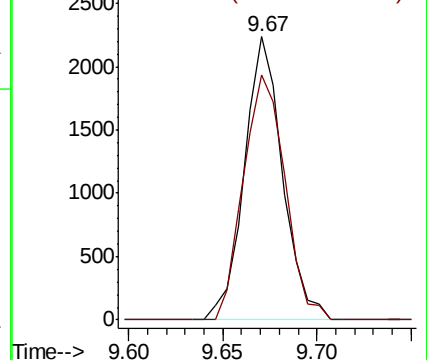
107 100

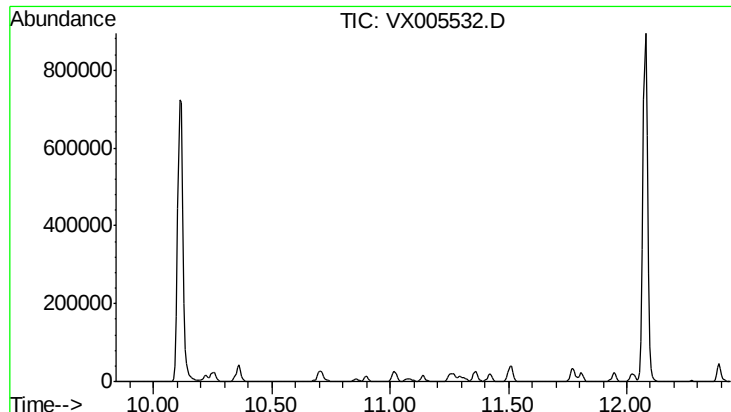
109 94.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.14 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tot Ion: 95

Sig Exp Ratio

95 100

174 92.2

176 88.7

Instrument :

MSVOA_X

ClientSampleId :

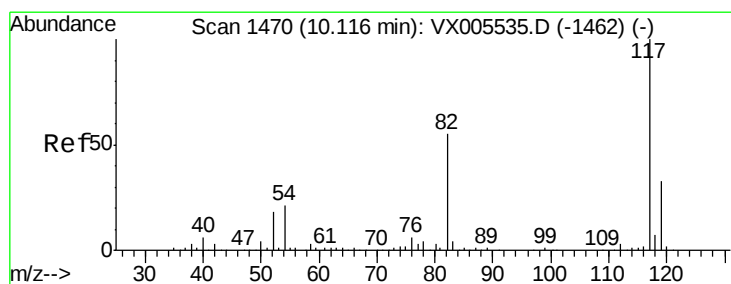
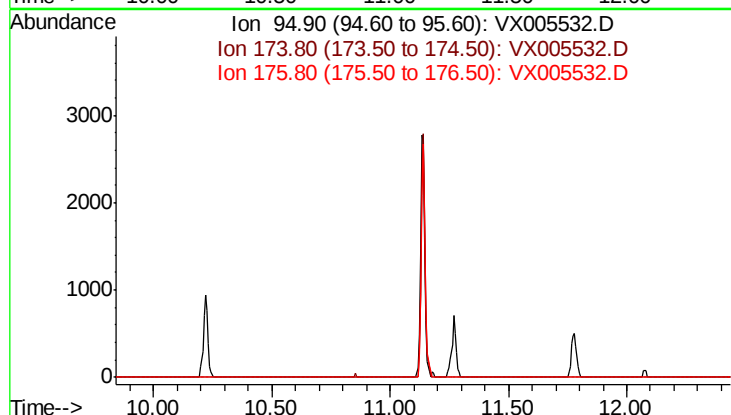
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

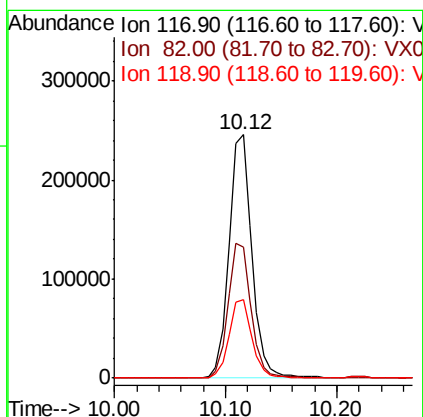
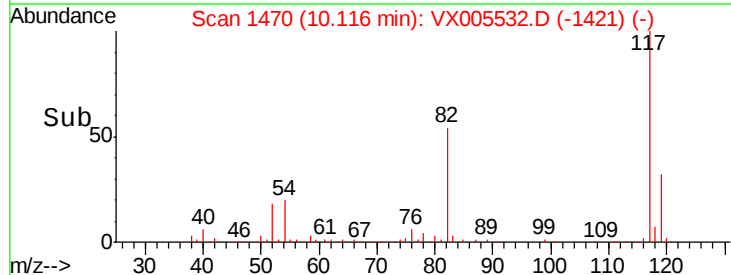
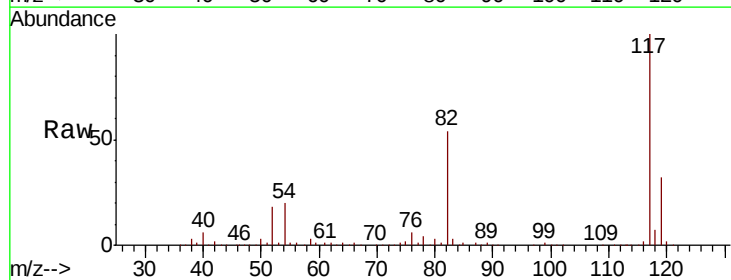
Tgt Ion: 117 Resp: 348382

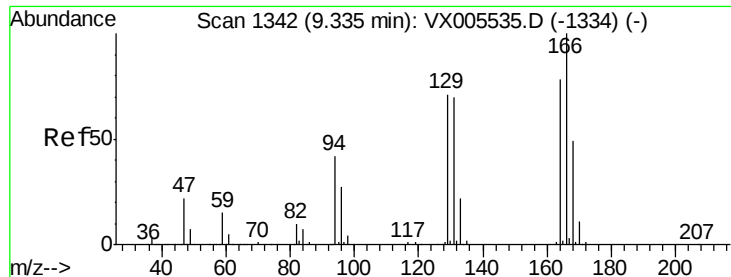
Ion Ratio Lower Upper

117 100

82 53.8 44.1 66.1

119 32.1 26.2 39.2





#64

Tetrachloroethene

Concen: 1.241 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 3589

Ion Ratio Lower Upper

164 100

166 128.4 101.9 152.9

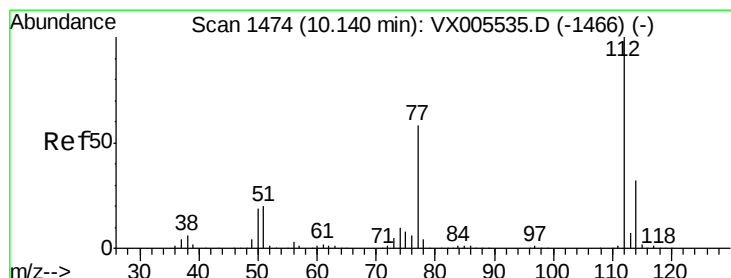
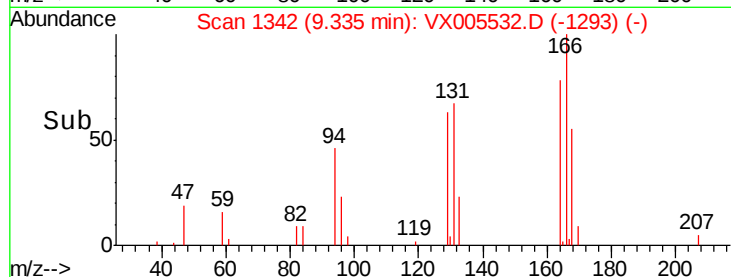
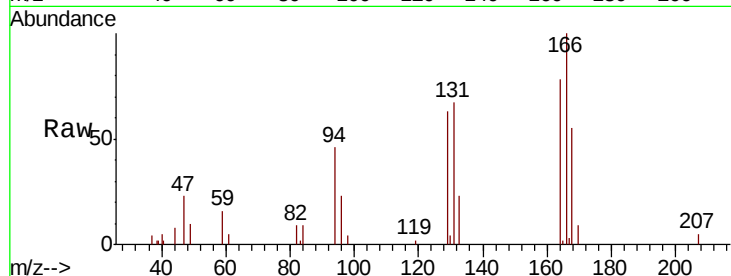
129 80.4 72.6 109.0

131 86.4 71.1 106.7

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#65

Chlorobenzene

Concen: 1.167 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX005532.D

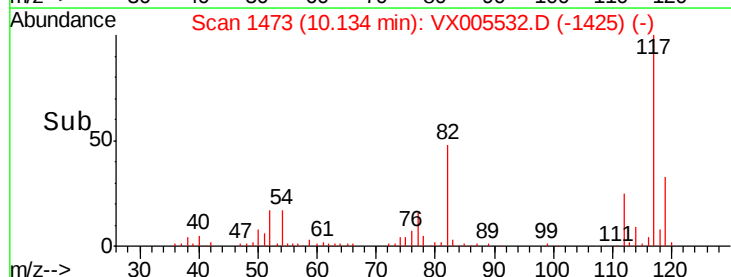
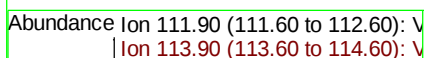
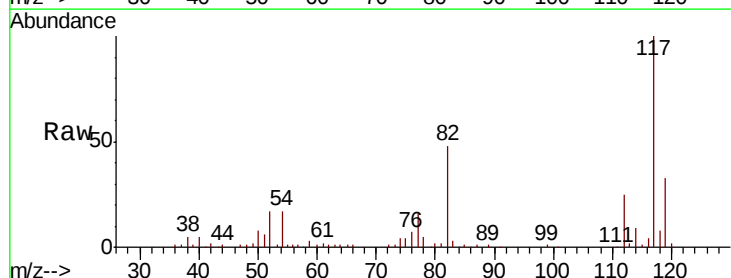
Acq: 24 Oct 2018 10:39

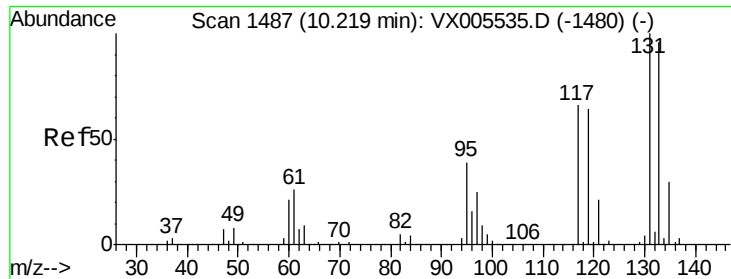
Tgt Ion:112 Resp: 8658

Ion Ratio Lower Upper

112 100

114 36.2 25.8 38.6





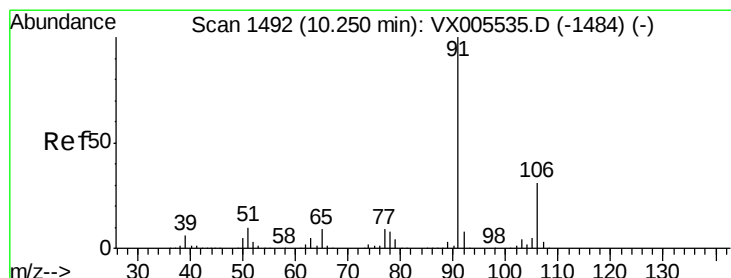
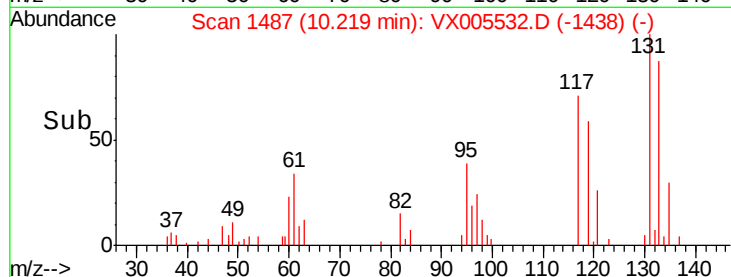
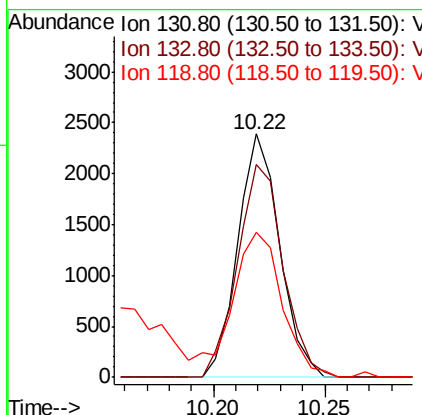
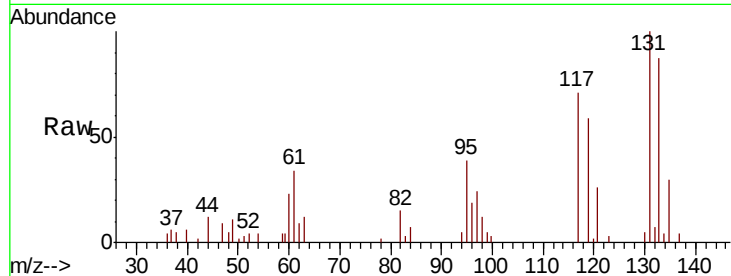
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.155 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.5	142.5
119	0.0	31.8	95.3

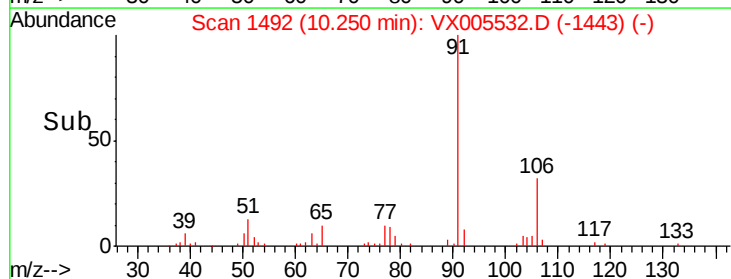
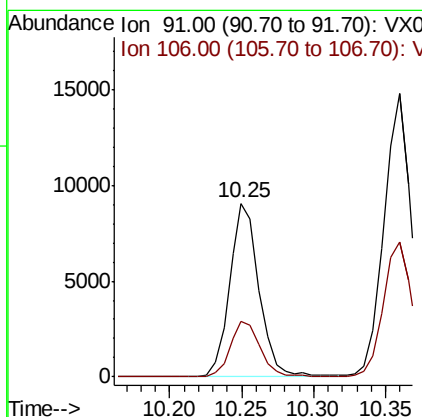
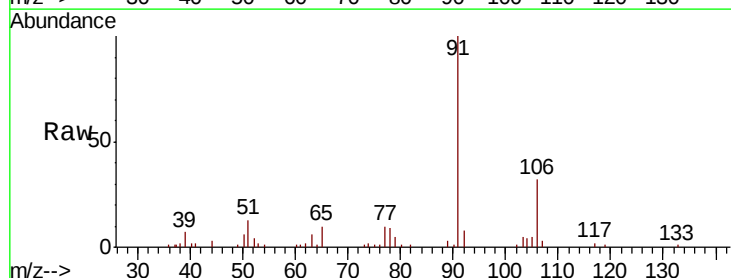
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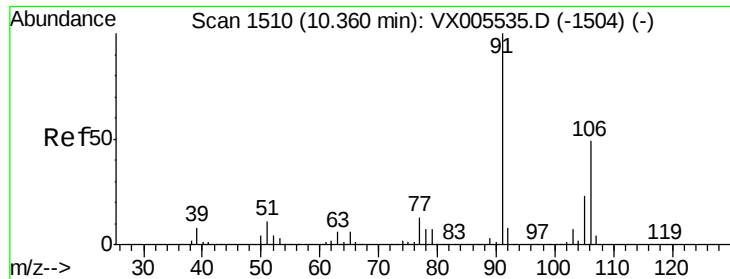
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#67
 Ethyl Benzene
 Concen: 1.060 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.4	36.6





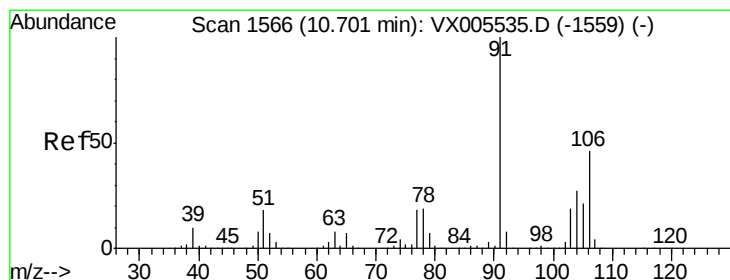
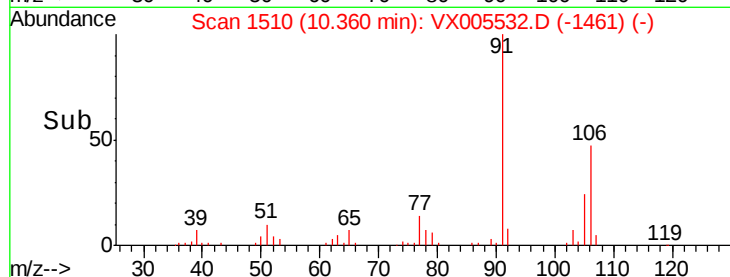
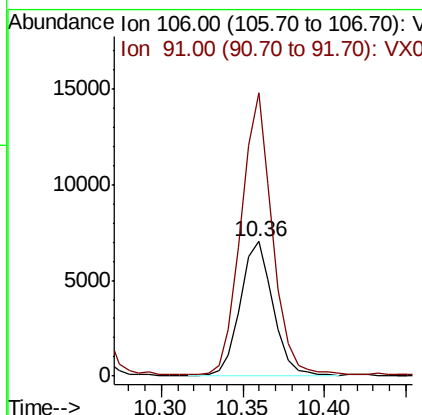
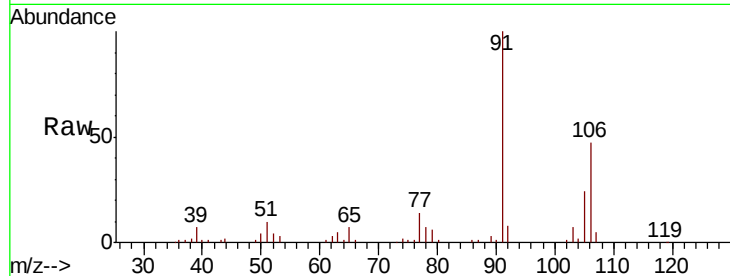
#68
m/p-Xvlenes
Concen: 2.093 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 9913
Ion Ratio Lower Upper
106 100
91 198.7 164.2 246.4

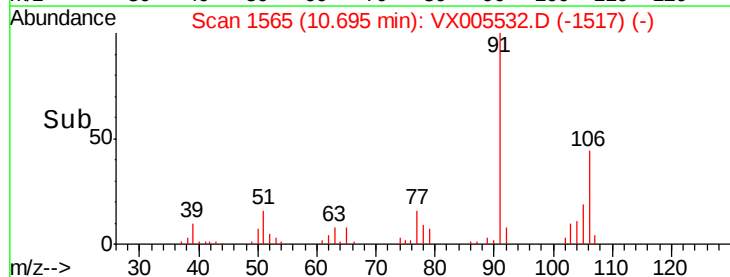
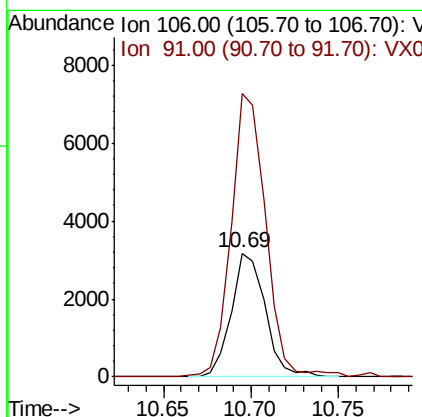
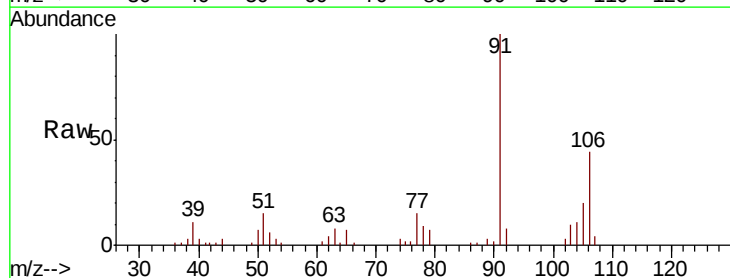
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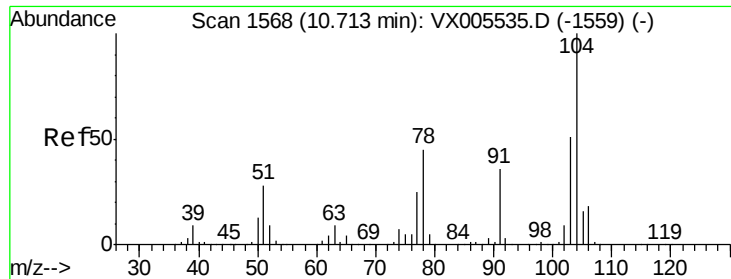
MMDadoda
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#69
o-Xylene
Concen: 0.966 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion:106 Resp: 4303
Ion Ratio Lower Upper
106 100
91 232.1 108.5 325.5





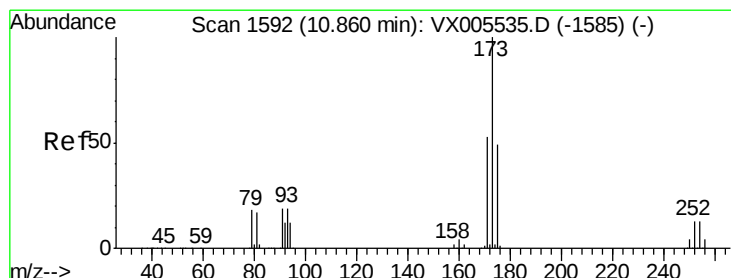
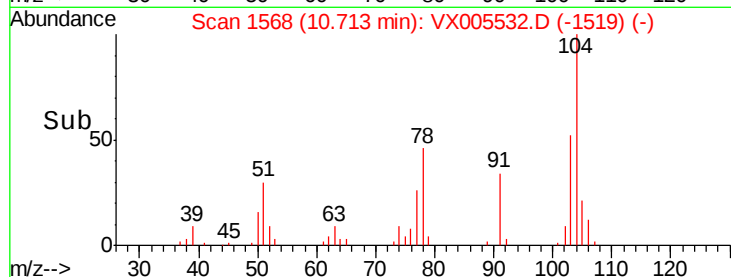
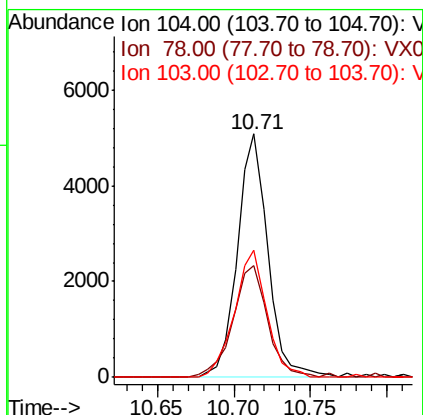
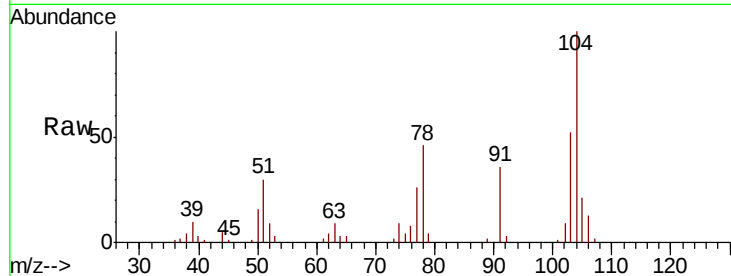
#70
Stvrene
Concen: 0.940 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.7	40.2	60.4
103	55.4	44.9	67.3

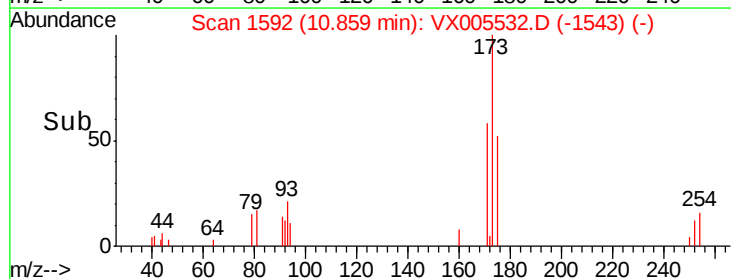
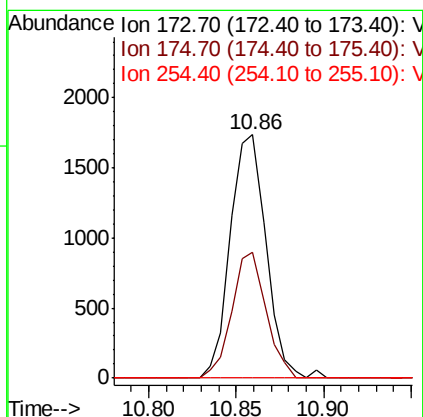
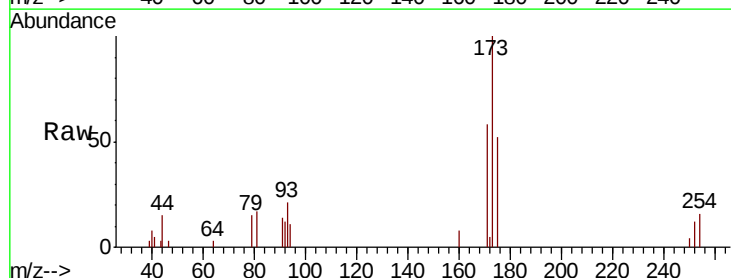
Manual Integrations
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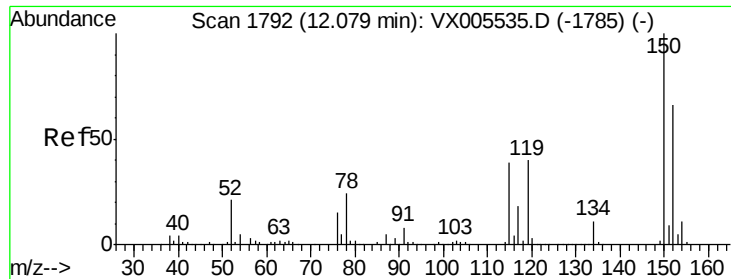
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#71
Bromoform
Concen: 1.028 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.8	74.3
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

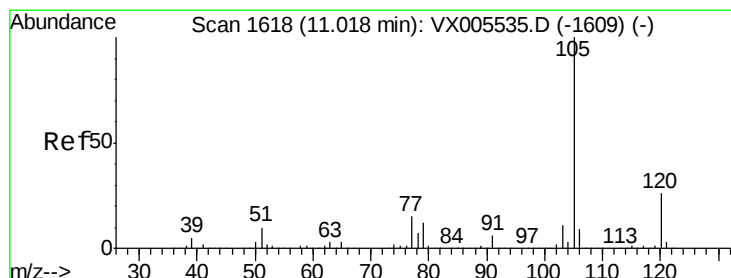
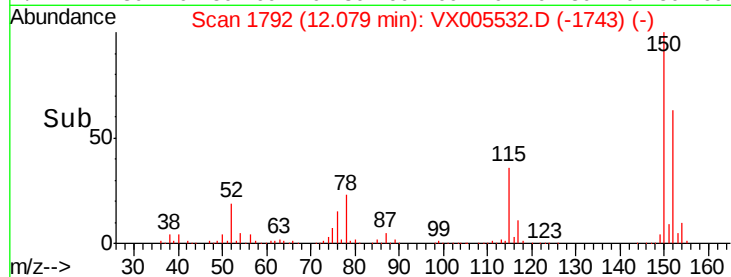
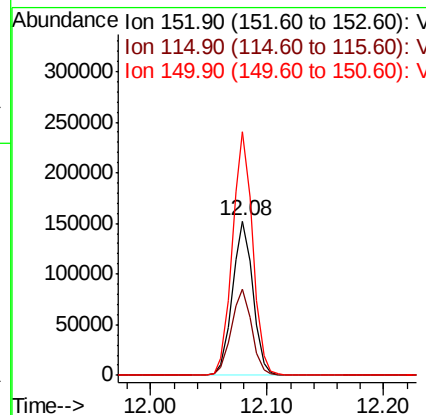
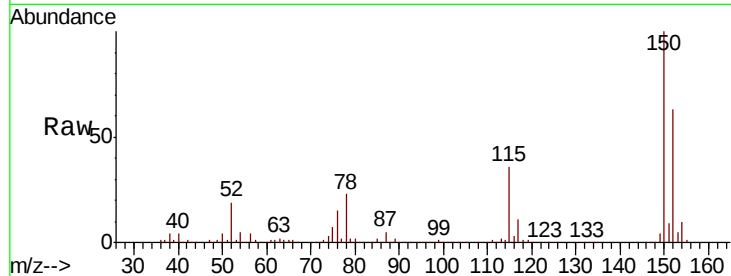
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.4	118.1
150	156.6	0.0	346.4

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#73

Isopropylbenzene

Concen: 1.062 ug/l

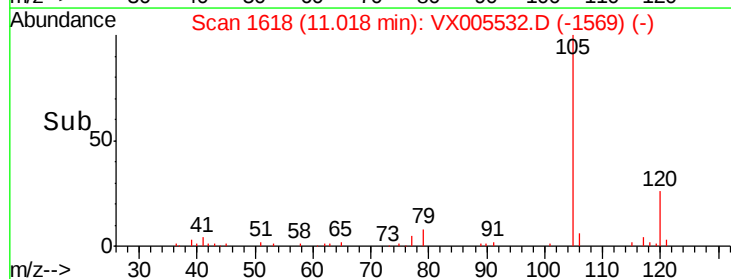
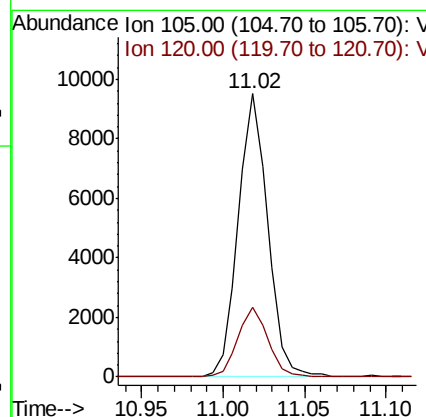
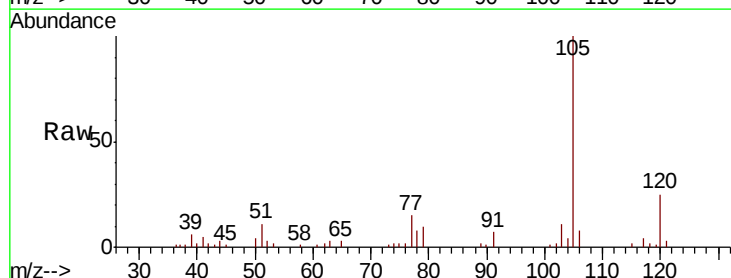
RT: 11.02 min Scan# 1618

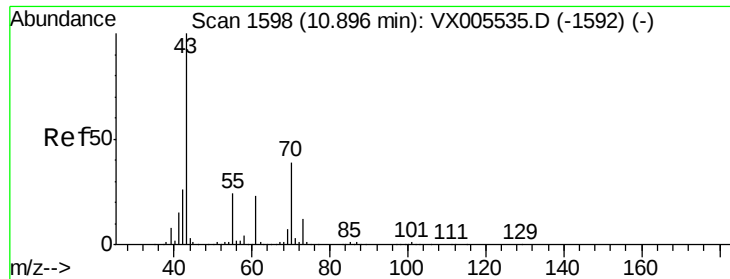
Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.2	13.1	39.3





#74

N-amvl acetate

Concen: 0.958 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

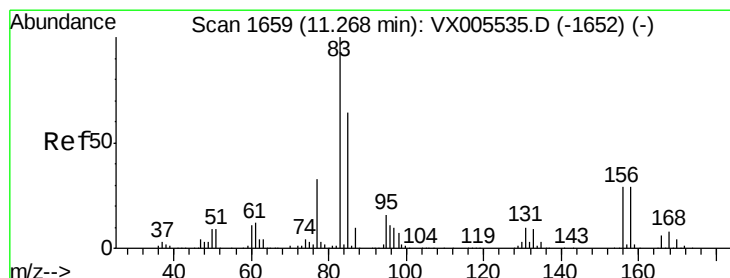
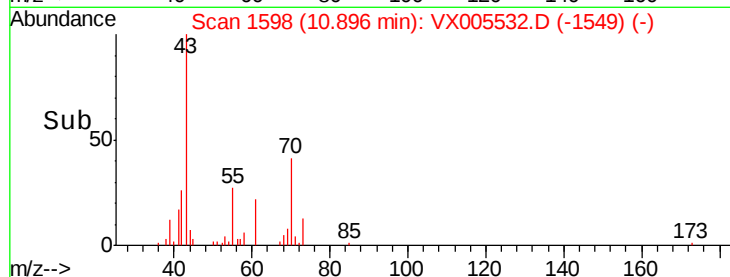
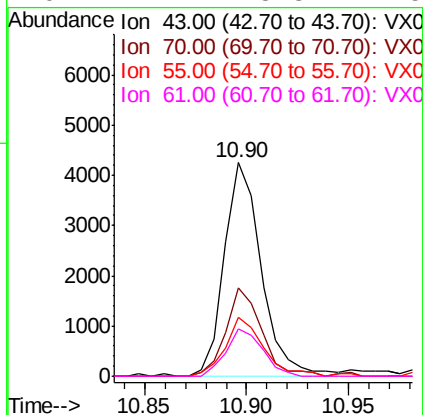
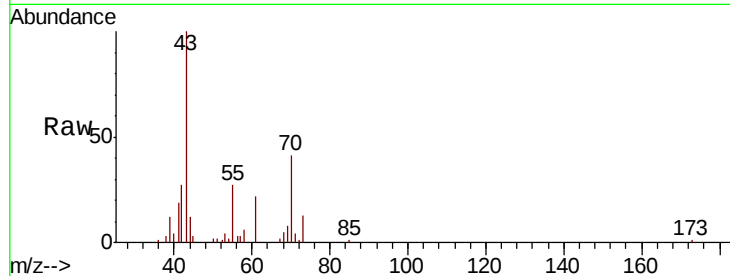
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	5363
Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.6	47.4
55	28.0	19.7	29.5
61	21.7	18.3	27.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.162 ug/l

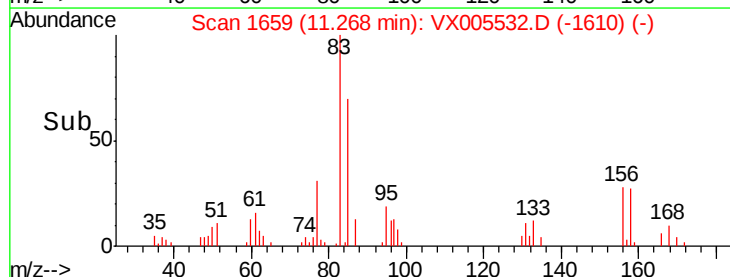
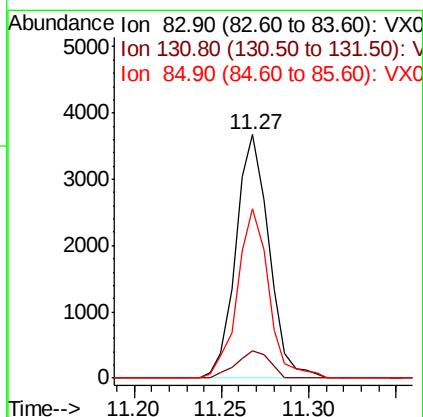
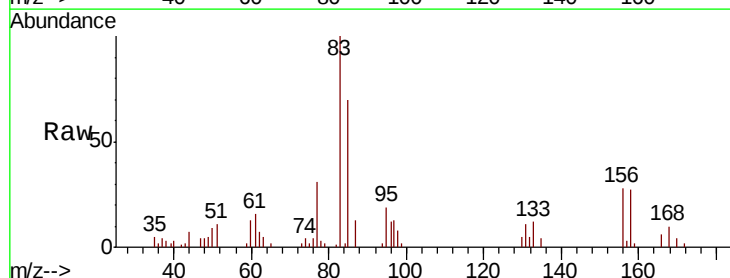
RT: 11.27 min Scan# 1659

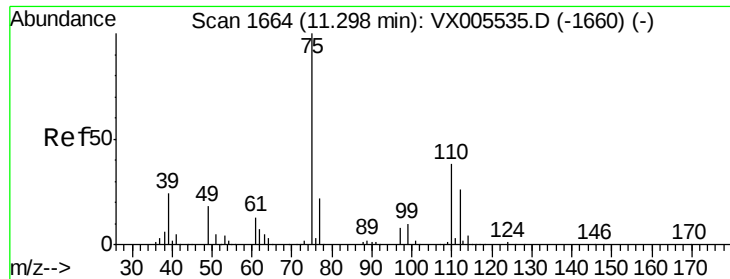
Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	83	Resp:	4843
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	15.9
85	66.5	32.0	96.2





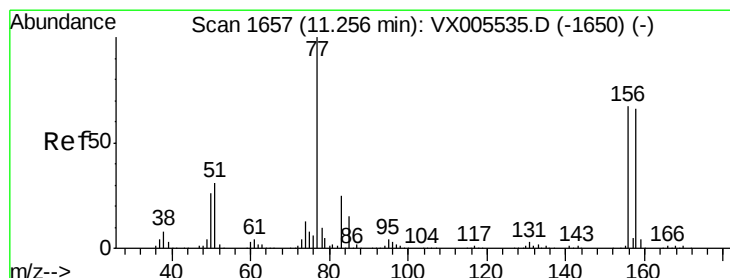
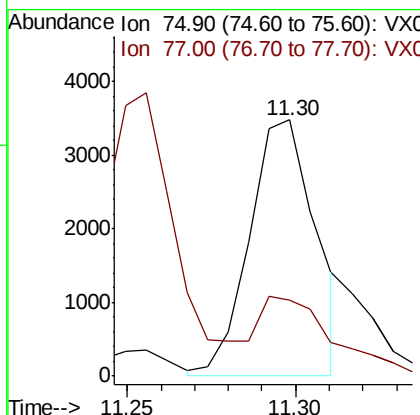
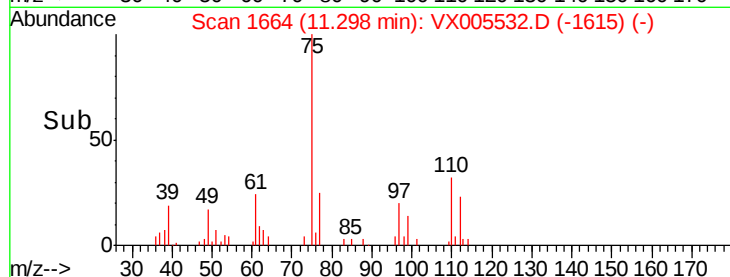
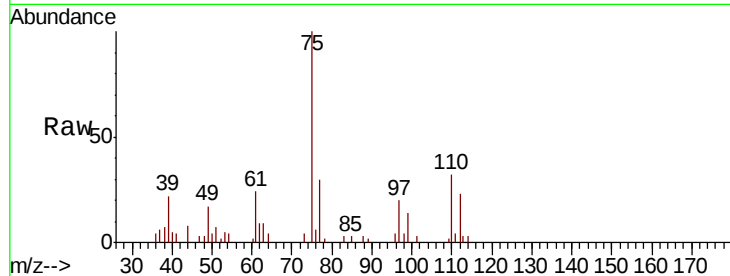
#76
 1,2,3-Trichloropropane
 Concen: 1.256 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 4757
 Ion Ratio Lower Upper
 75 100
 77 33.7 20.5 61.6

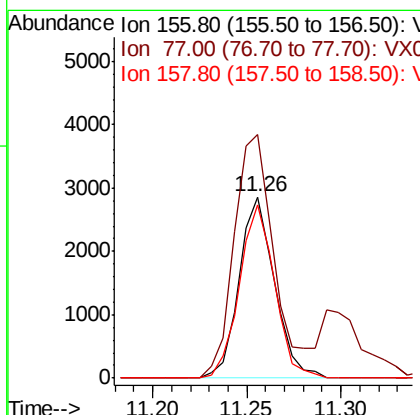
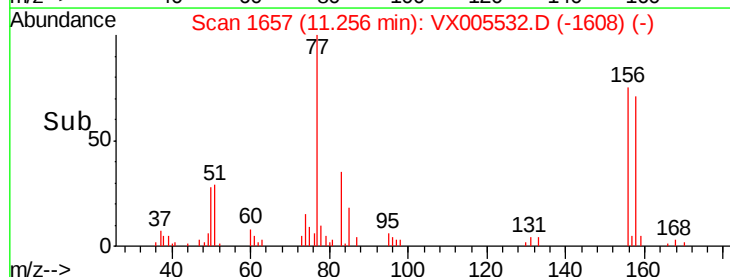
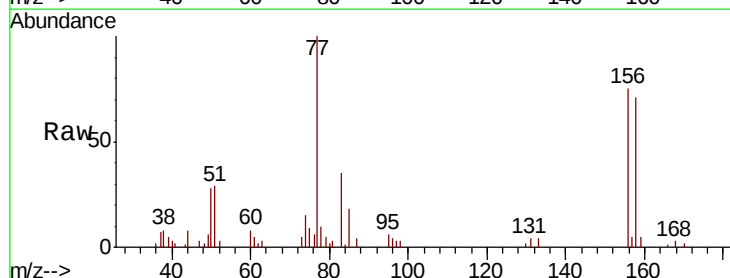
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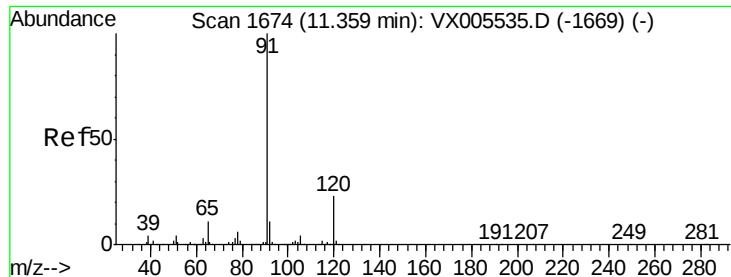
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#77
 Bromobenzene
 Concen: 1.185 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion: 156 Resp: 3730
 Ion Ratio Lower Upper
 156 100
 77 154.3 74.8 224.4
 158 95.4 49.1 147.3





#78

n-propylbenzene

Concen: 1.005 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 12981

Ion Ratio Lower Upper

91 100

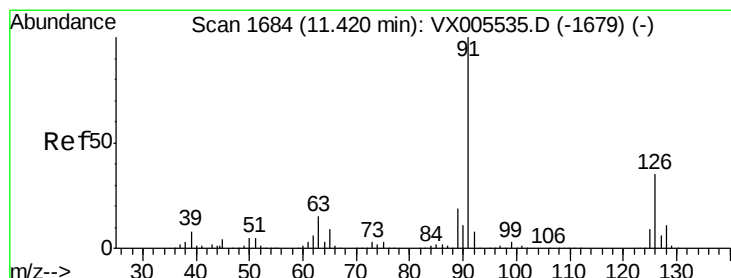
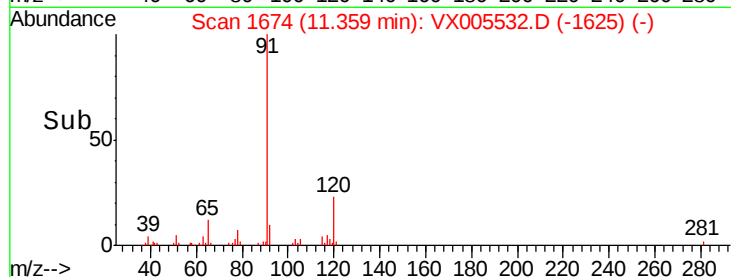
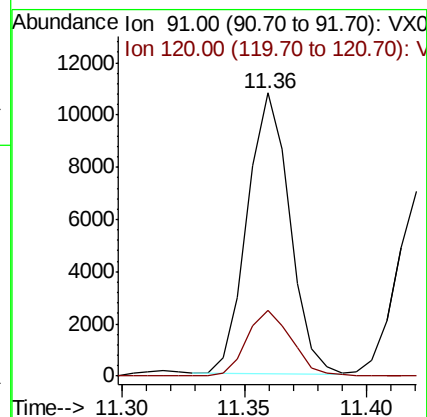
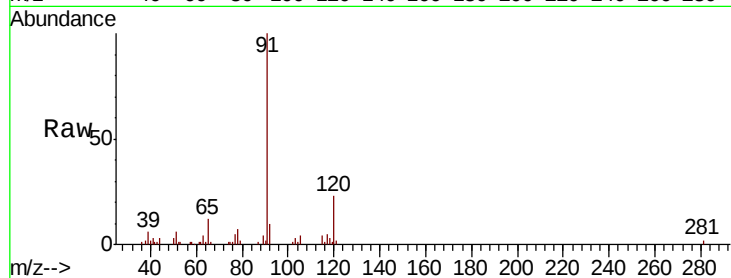
120 24.5 11.9 35.5

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#79

2-Chlorotoluene

Concen: 1.110 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005532.D

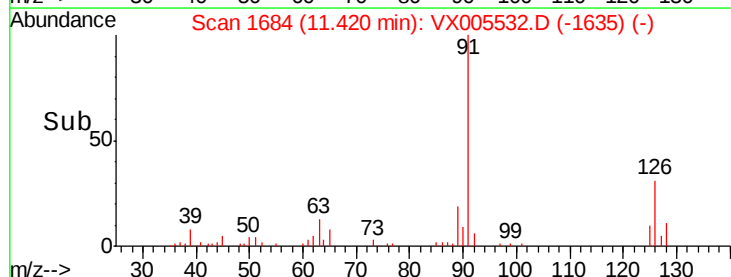
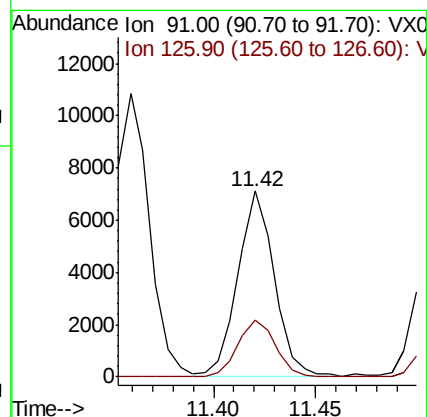
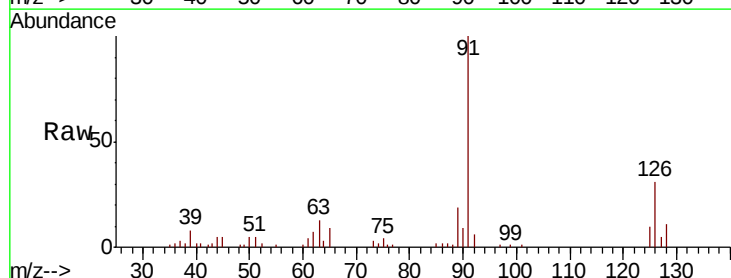
Acq: 24 Oct 2018 10:39

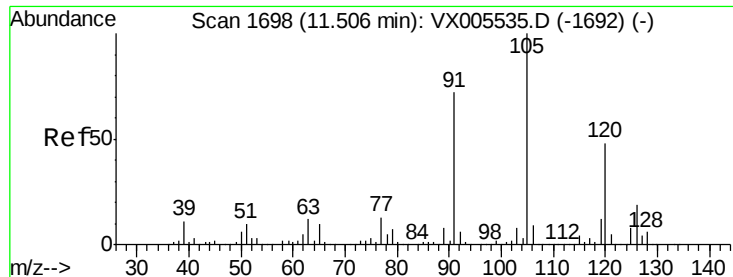
Tgt Ion: 91 Resp: 8890

Ion Ratio Lower Upper

91 100

126 31.5 17.3 52.0





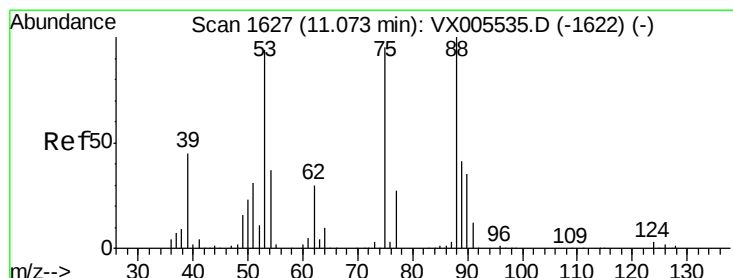
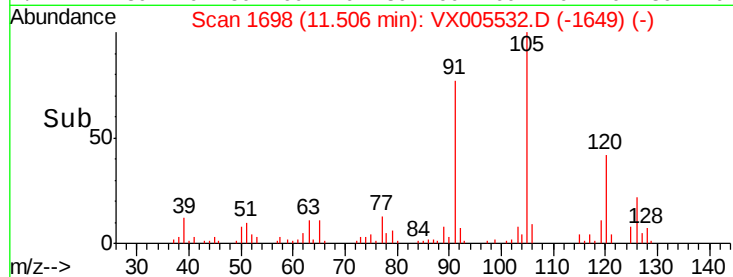
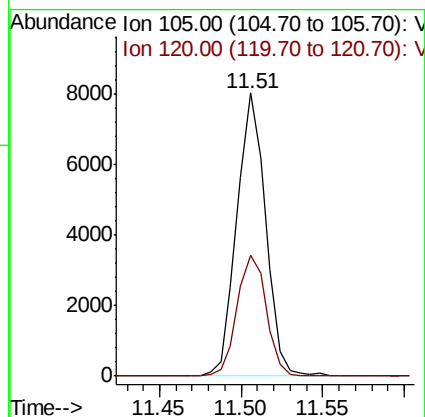
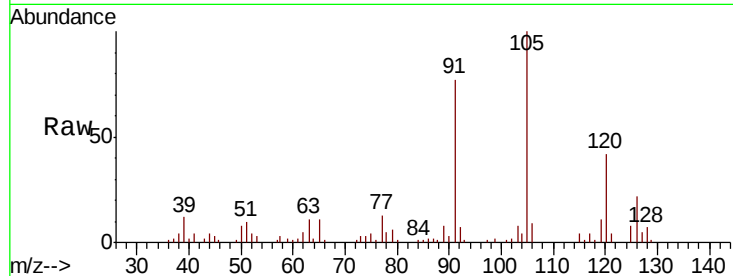
#80
 1,3,5-Trimethylbenzene
 Concen: 1.020 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 9855
 Ion Ratio Lower Upper
 105 100
 120 43.3 24.1 72.2

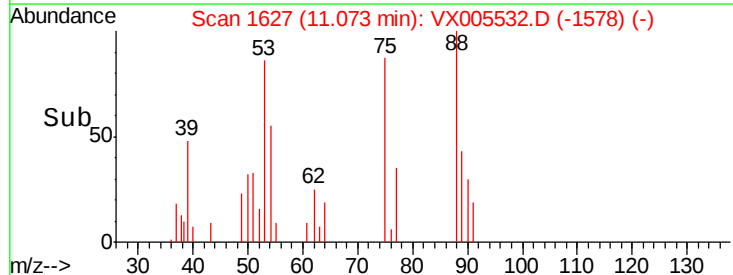
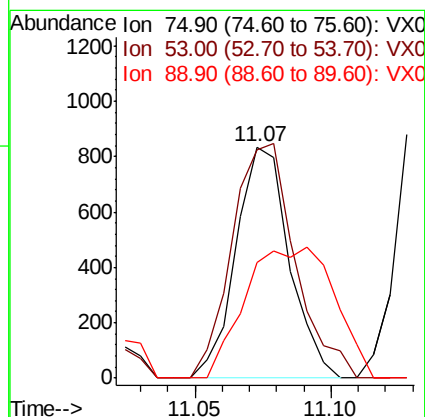
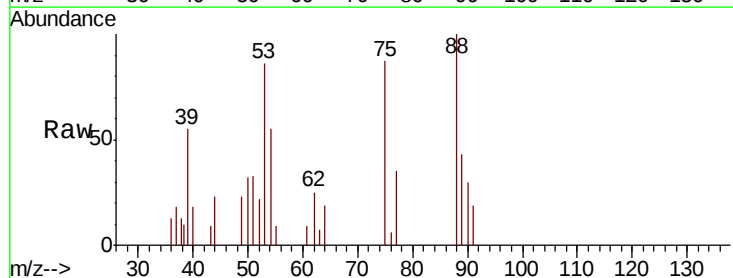
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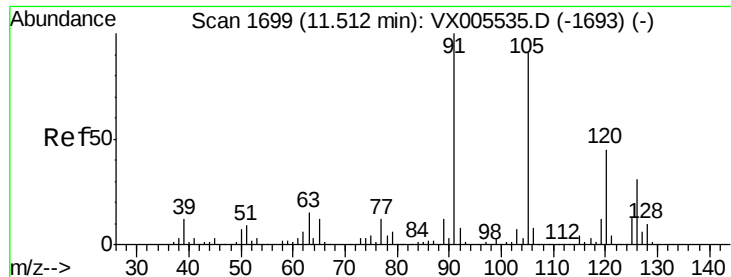
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.948 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion: 75 Resp: 1136
 Ion Ratio Lower Upper
 75 100
 53 119.9 80.2 120.2
 89 94.5 39.8 59.8#





#82

4-Chlorotoluene

Concen: 1.063 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10042

Ion Ratio Lower Upper

91 100

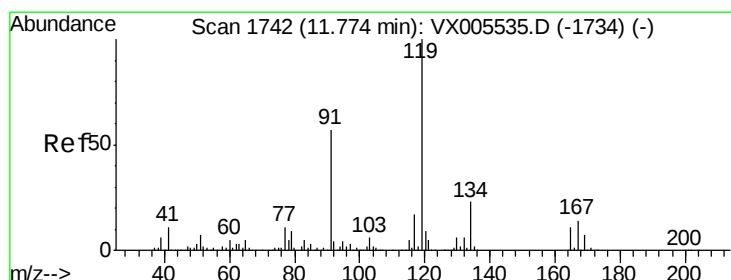
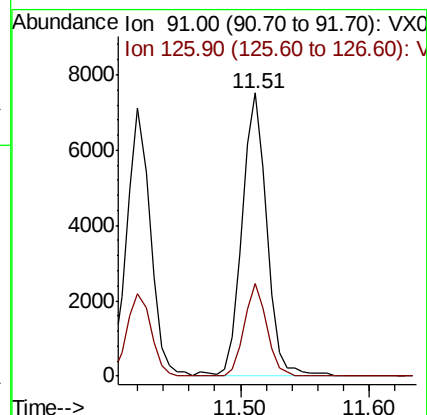
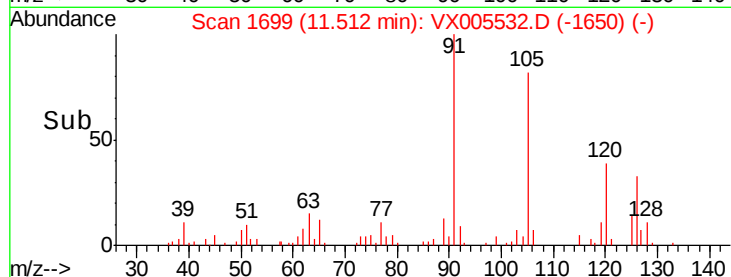
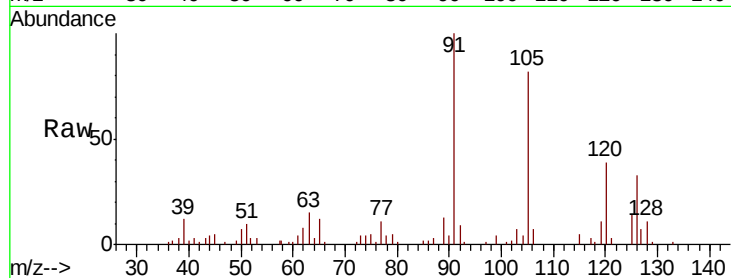
126 29.4 15.2 45.6

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#83

tert-Butylbenzene

Concen: 1.036 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

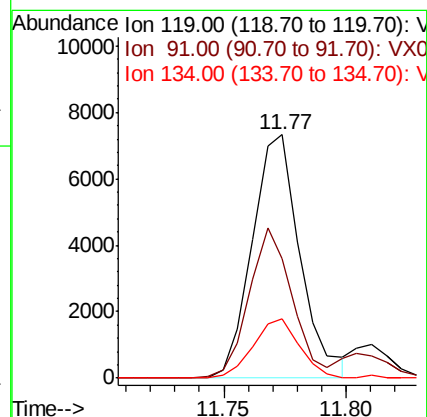
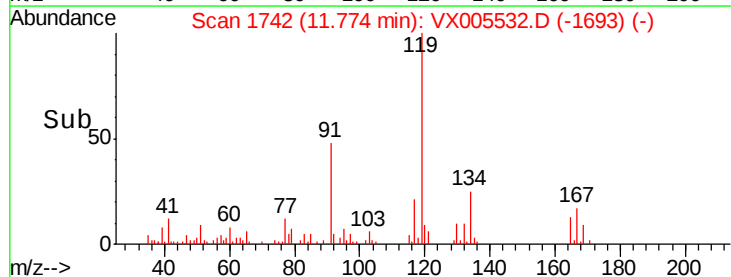
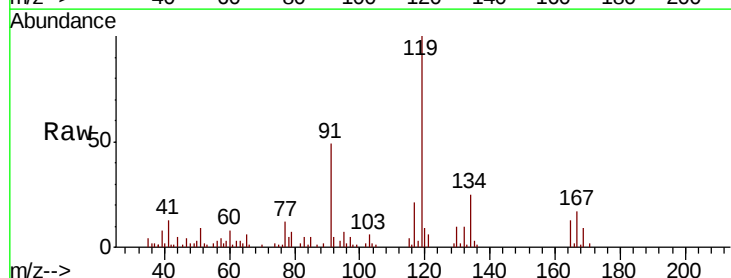
Tgt Ion: 119 Resp: 9978

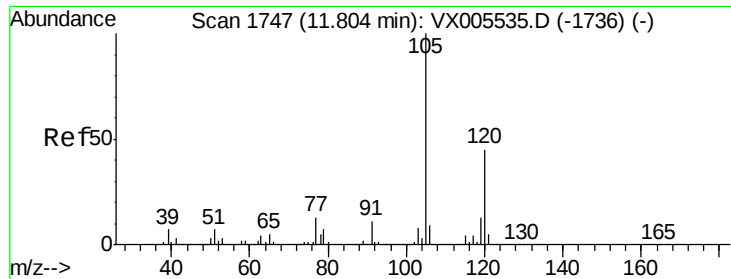
Ion Ratio Lower Upper

119 100

91 55.7 28.5 85.5

134 23.6 11.3 33.8





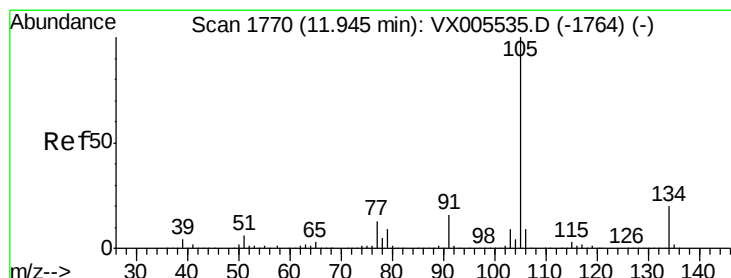
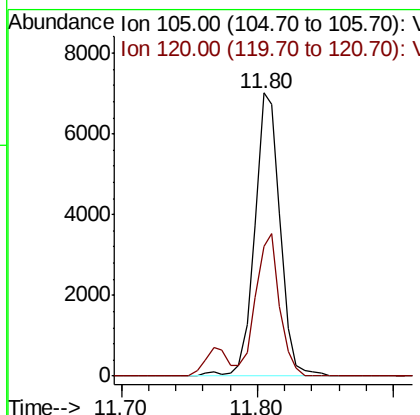
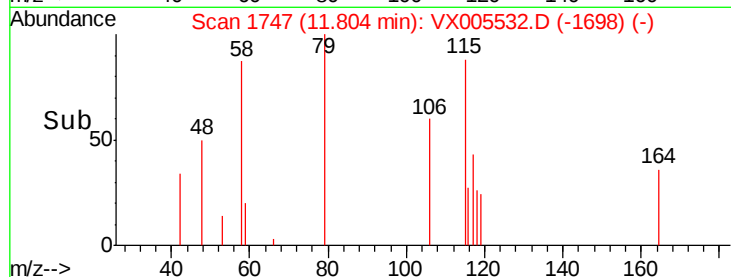
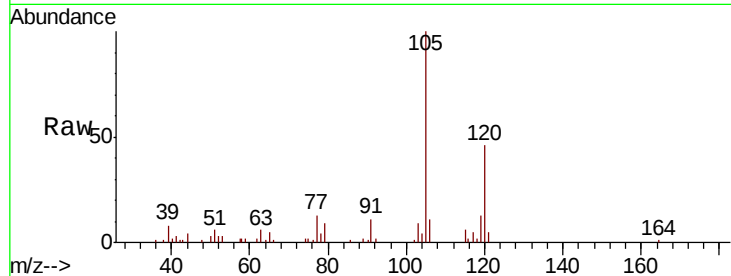
#84
 1,2,4-Trimethylbenzene
 Concen: 0.938 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 9190
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.4 67.0

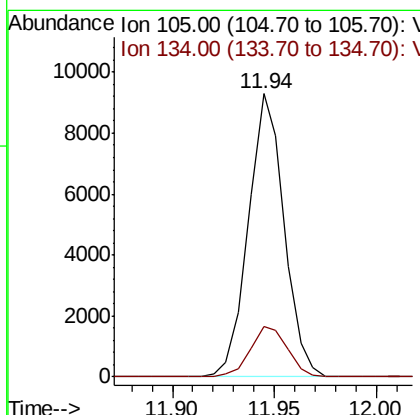
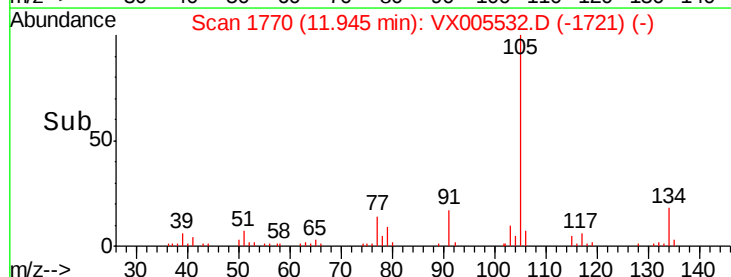
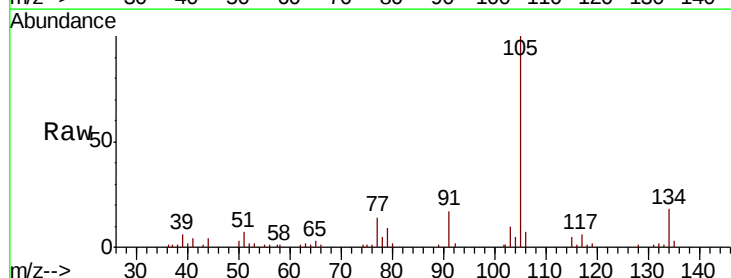
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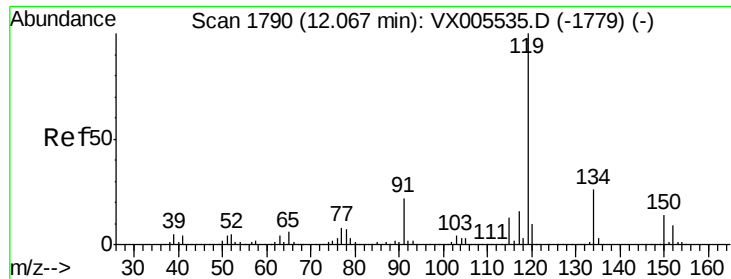
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#85
 sec-Butylbenzene
 Concen: 0.982 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion:105 Resp: 11293
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.2 30.4





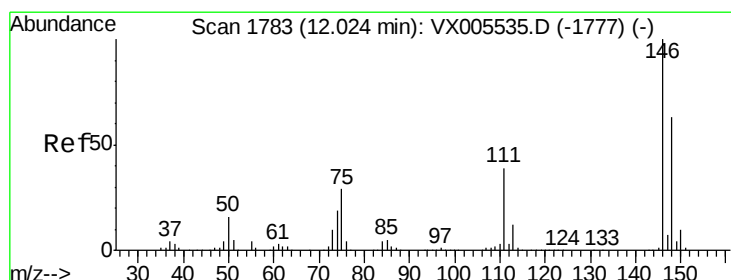
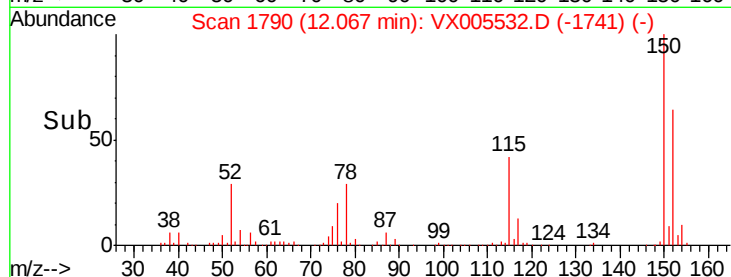
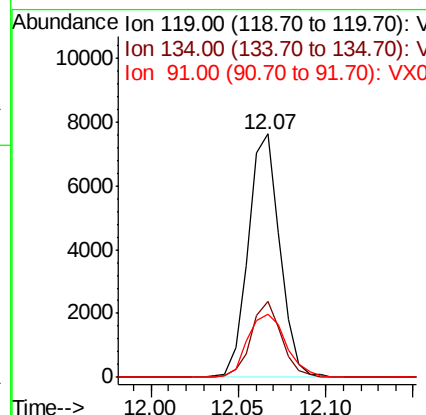
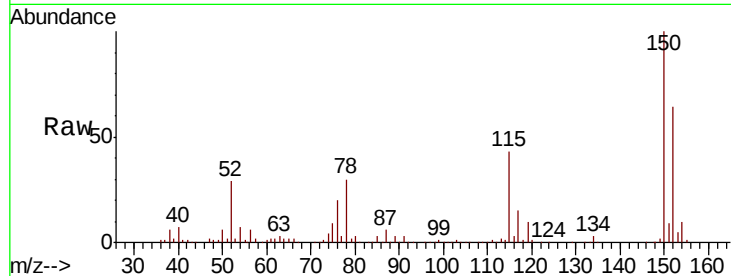
#86
 p-Isopropyltoluene
 Concen: 0.933 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	30.3	13.0	39.0
91	31.8	11.4	34.2

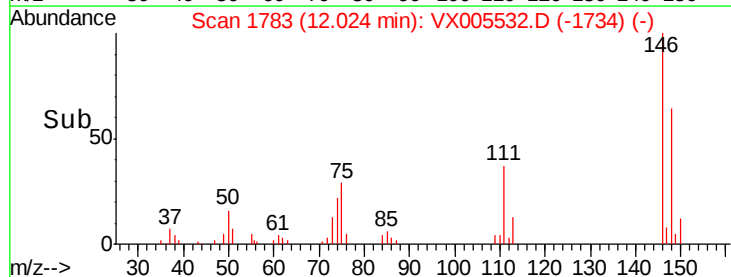
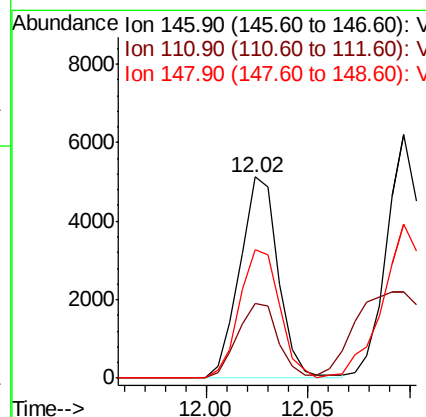
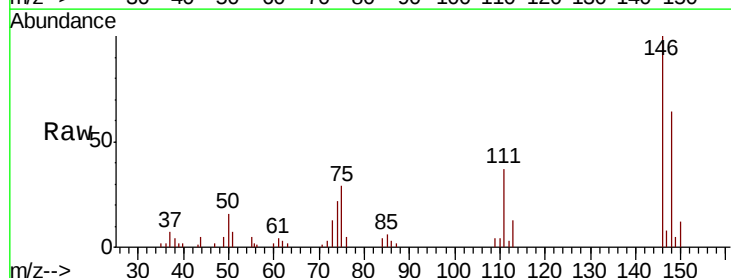
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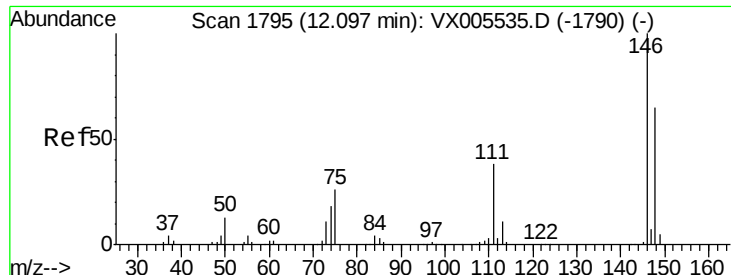
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#87
 1,3-Dichlorobenzene
 Concen: 1.138 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.0	57.0
148	66.3	31.9	95.9





#88

1,4-Dichlorobenzene

Concen: 1.233 ug/l m

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

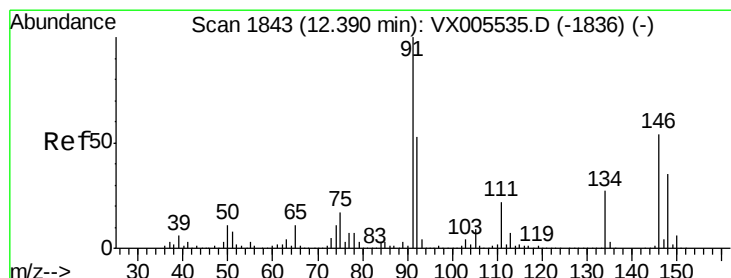
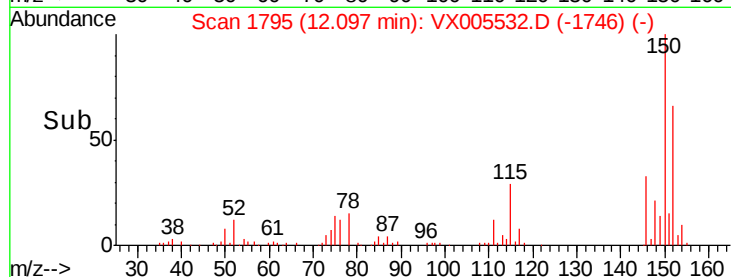
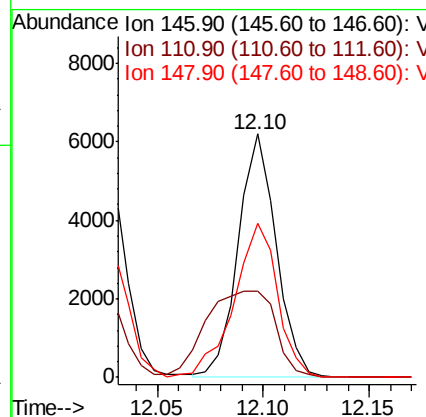
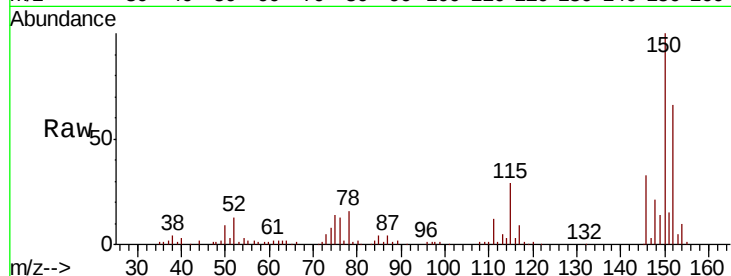
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	7634
Ion Ratio	Lower	Upper	
146	100		
111	34.4	18.6	55.8
148	58.6	32.1	96.3

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#89

n-Butylbenzene

Concen: 0.995 ug/l

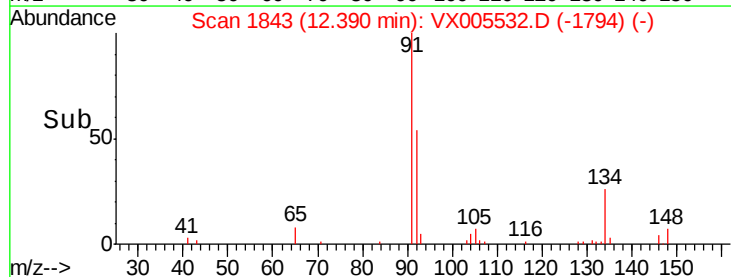
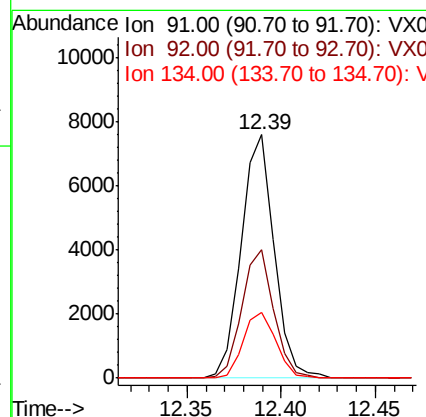
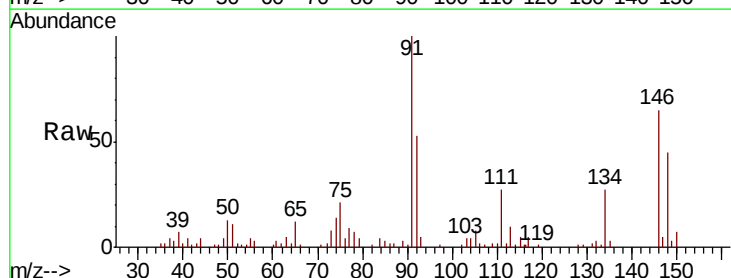
RT: 12.39 min Scan# 1843

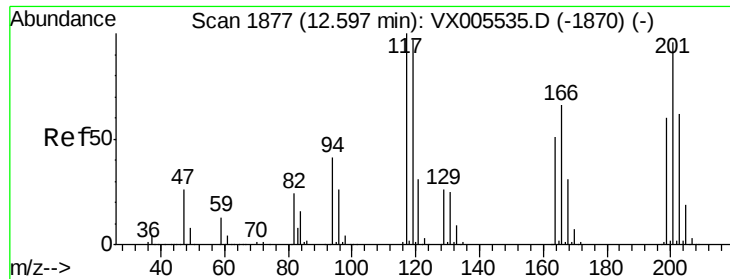
Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	91	Resp:	9226
Ion Ratio	Lower	Upper	
91	100		
92	51.3	26.1	78.2
134	26.8	13.1	39.3





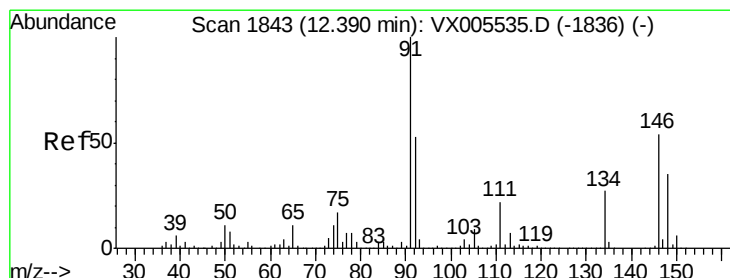
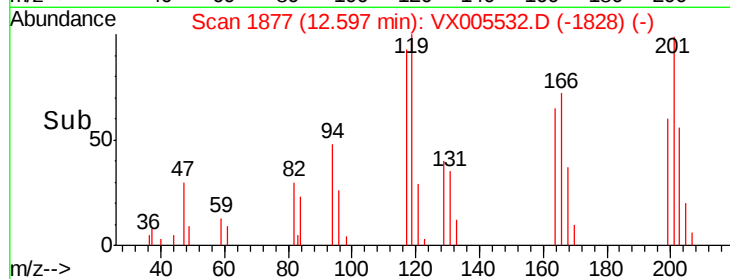
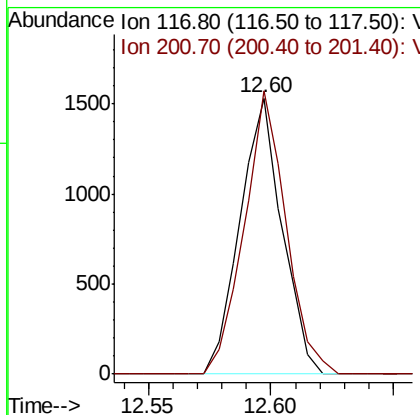
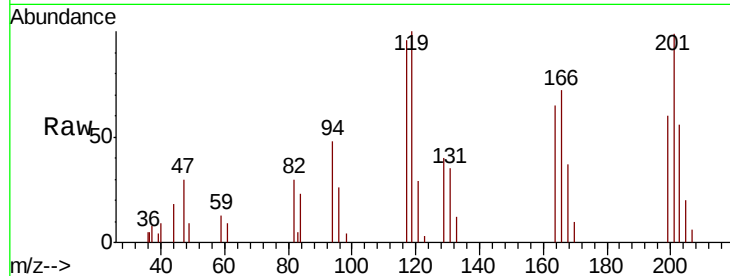
#90
Hexachloroethane
Concen: 1.038 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1840
Ion Ratio Lower Upper
117 100
201 101.6 47.9 143.6

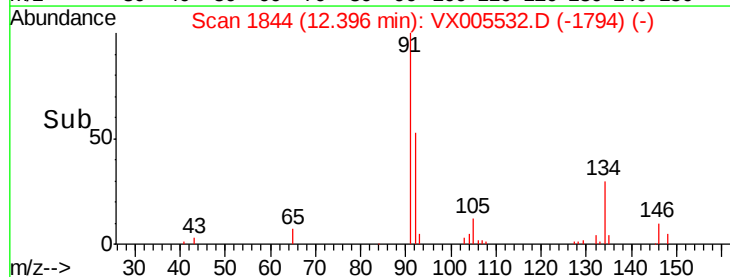
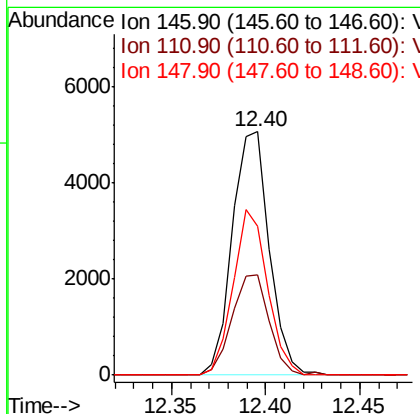
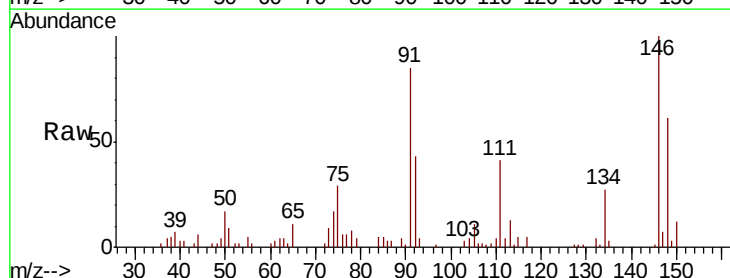
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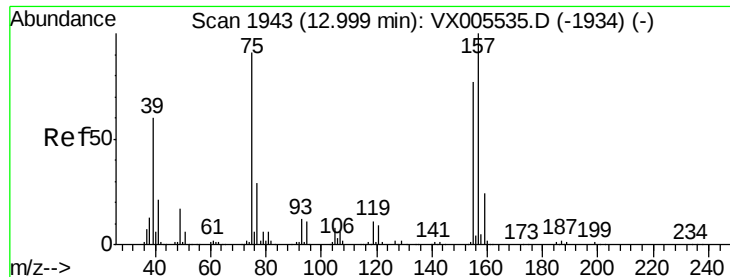
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#91
1,2-Dichlorobenzene
Concen: 1.154 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX005532.D
Acq: 24 Oct 2018 10:39

Tgt Ion:146 Resp: 6912
Ion Ratio Lower Upper
146 100
111 41.4 20.0 59.9
148 63.0 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.145 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

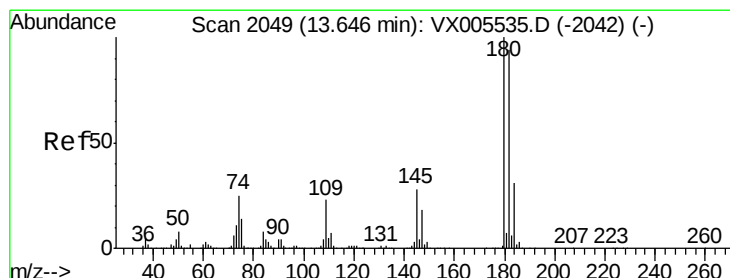
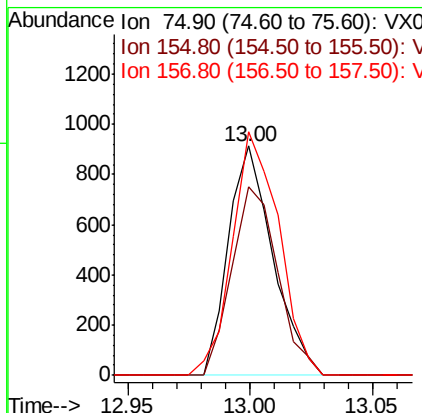
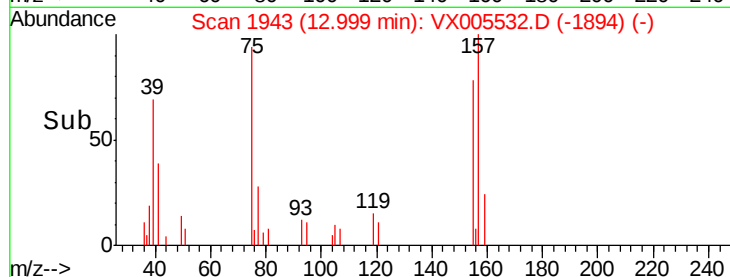
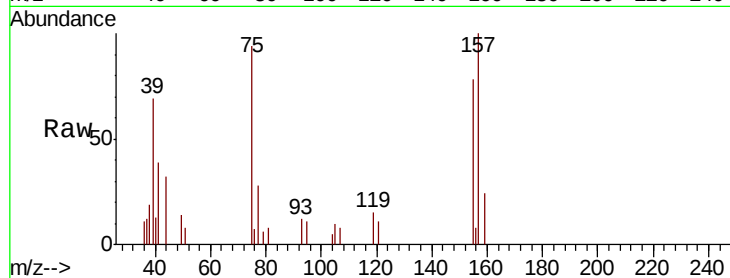
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	1154
Ion	Ratio	Lower	Upper
75	100		
155	85.2	45.4	136.1
157	110.9	57.4	172.0

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#93

1,2,4-Trichlorobenzene

Concen: 1.053 ug/l

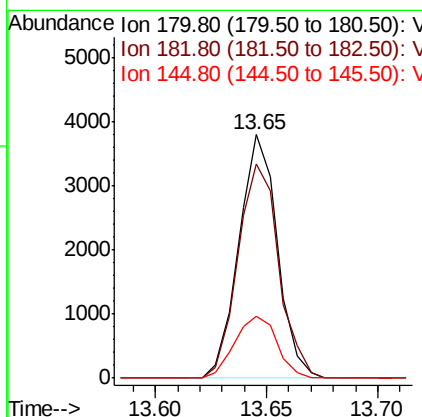
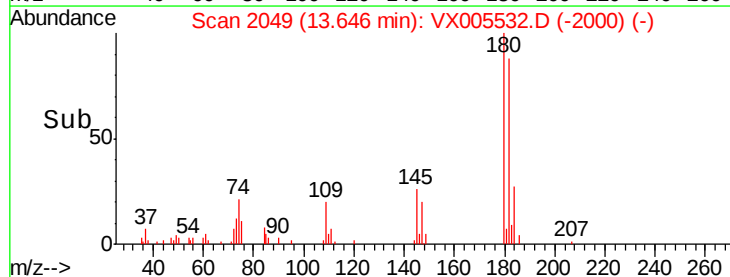
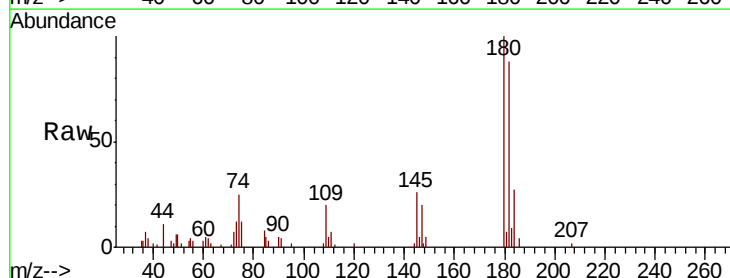
RT: 13.65 min Scan# 2049

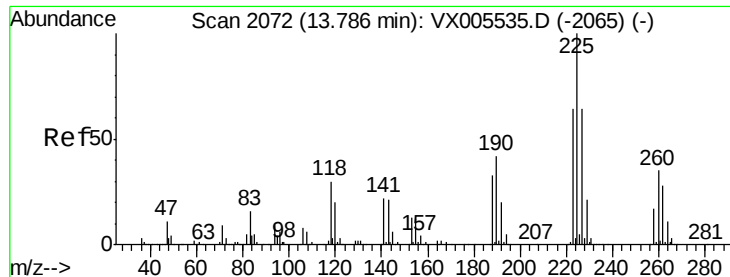
Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	180	Resp:	4574
Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	28.0	14.1	42.2





#94

Hexachlorobutadiene

Concen: 1.266 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Instrument :

MSVOA_X

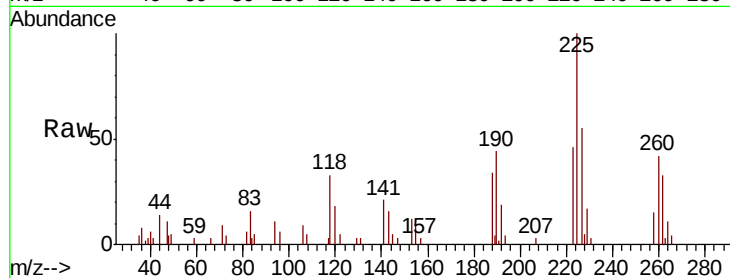
ClientSampleId :

VSTDIC001

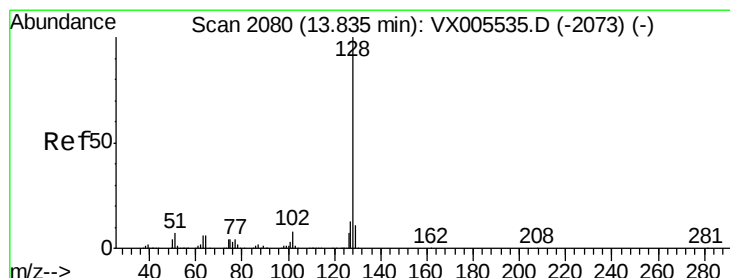
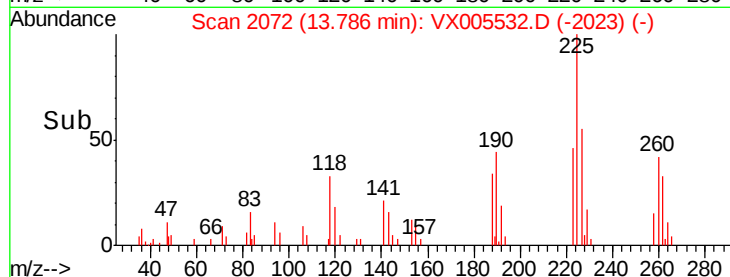
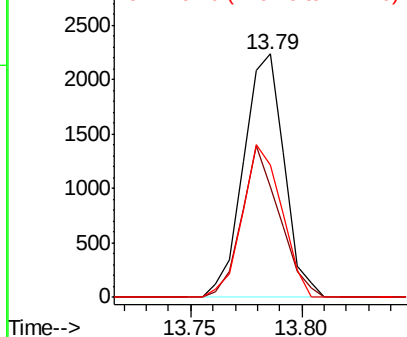
Tot Ion:	225	Resp:	2849
Ion Ratio	Lower	Upper	
225	100		
223	57.6	31.7	95.1
227	60.9	32.3	96.9

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.911 ug/l

RT: 13.83 min Scan# 2080

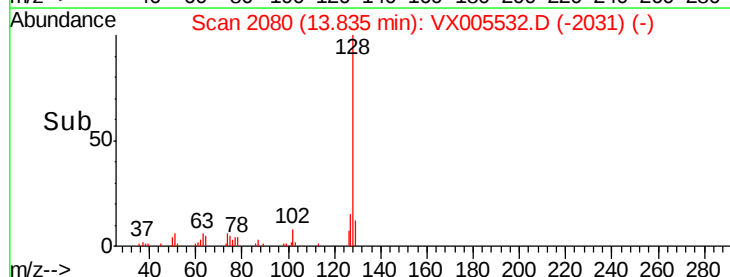
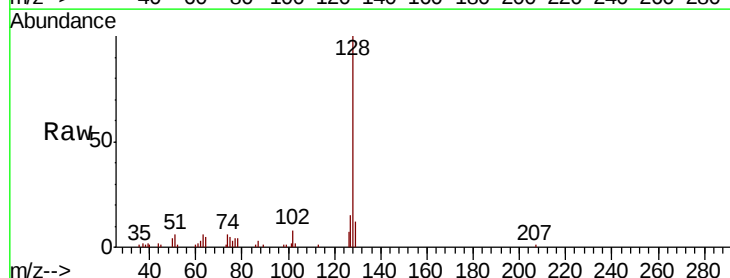
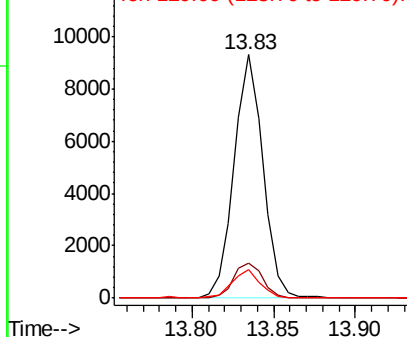
Delta R.T. -0.00 min

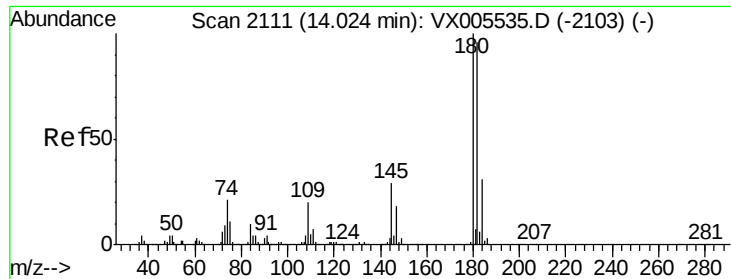
Lab File: VX005532.D

Acq: 24 Oct 2018 10:39

Tgt Ion:	128	Resp:	11500
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.4	15.6
129	11.4	8.7	13.1

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





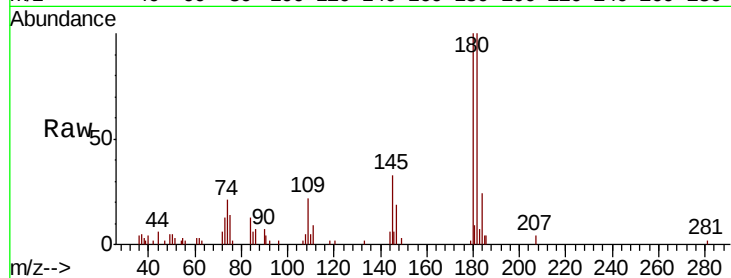
#96
 1,2,3-Trichlorobenzene
 Concen: 1.014 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005532.D
 Acq: 24 Oct 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.0	48.0	144.2
145	32.1	15.1	45.3

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

