

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005536.D
 Acq On : 24 Oct 2018 12:25
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:15 AM

Quant Time: Oct 25 02:50:41 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	214203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	257371	98.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.86%	
35) Dibromofluoromethane	5.51	113	207572	99.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.26%	
50) Toluene-d8	8.71	98	764333	102.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.20%	
62) 4-Bromofluorobenzene	11.14	95	304178	107.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	225478	106.645	ug/l	96
3) Chloromethane	1.32	50	270806	100.576	ug/l	95
4) Vinyl Chloride	1.40	62	260132	98.254	ug/l	99
5) Bromomethane	1.64	94	163759	99.404	ug/l	99
6) Chloroethane	1.70	64	158290	93.590	ug/l	100
7) Trichlorofluoromethane	1.92	101	347232	94.387	ug/l	96
8) Diethyl Ether	2.19	74	135731	92.452	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	196288	92.996	ug/l	99
10) Methyl Iodide	2.50	142	230614	115.631	ug/l	100
11) Tert butyl alcohol	3.10	59	353090	501.817	ug/l	98
12) 1,1-Dichloroethene	2.37	96	184022	91.520	ug/l	95
13) Acrolein	2.29	56	184535	514.134	ug/l	97
14) Allyl chloride	2.72	41	418433	93.244	ug/l	99
15) Acrylonitrile	3.15	53	729878	462.595	ug/l	99
16) Acetone	2.45	43	651848	471.781	ug/l	100
17) Carbon Disulfide	2.56	76	587859	95.909	ug/l	100
18) Methyl Acetate	2.78	43	330275	85.331	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	674232	94.002	ug/l	99
20) Methylene Chloride	2.85	84	214056	92.502	ug/l	85
21) trans-1,2-Dichloroethene	3.16	96	198698	90.506	ug/l	98
22) Diisopropyl ether	3.87	45	743354	94.857	ug/l	# 97
23) Vinyl Acetate	3.82	43	3407033	493.652	ug/l	95
24) 1,1-Dichloroethane	3.69	63	382476	89.771	ug/l	99
25) 2-Butanone	4.70	43	1029062	489.095	ug/l	95
26) 2,2-Dichloropropane	4.58	77	304729	92.642	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	221125	93.427	ug/l	99
28) Bromochloromethane	5.01	49	187606	91.041	ug/l	97
29) Tetrahydrofuran	5.15	42	663607	484.652	ug/l	98
30) Chloroform	5.21	83	358313	89.907	ug/l	98
31) Cyclohexane	5.57	56	344896	97.838	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	328314	93.337	ug/l	98
36) 1,1-Dichloropropene	5.80	75	284192	95.172	ug/l	99
37) Ethyl Acetate	4.86	43	355792	93.371	ug/l	99
38) Carbon Tetrachloride	5.78	117	298685	94.970	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	332007	100.689	ug/l	98
40) Benzene	6.13	78	852318	99.570	ug/l	95
41) Methacrylonitrile	5.06	41	205300	96.722	ug/l	97
42) 1,2-Dichloroethane	6.20	62	298539	91.807	ug/l	100
43) Isopropyl Acetate	6.46	43	568737	99.602	ug/l	98
44) Trichloroethene	7.21	130	219784	94.249	ug/l	97
45) 1,2-Dichloropropane	7.52	63	216493	94.072	ug/l	98
46) Dibromomethane	7.66	93	139195	93.648	ug/l	99
47) Bromodichloromethane	7.90	83	277123	96.062	ug/l	97
48) Methyl methacrylate	7.78	41	292907	105.296	ug/l	98
49) 1,4-Dioxane	7.76	88	123881	2037.838	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1972734	514.062	ug/l	99
52) Toluene	8.79	92	512753	98.562	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	328243	105.279	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	342702	102.093	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	208742	95.171	ug/l	98
56) Ethyl methacrylate	9.18	69	354313	108.301	ug/l	99
57) 1,3-Dichloropropane	9.37	76	355100	95.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	973642	532.863	ug/l	100
59) 2-Hexanone	9.50	43	1592896	526.454	ug/l	99
60) Dibromochloromethane	9.59	129	234701	102.562	ug/l	99
61) 1,2-Dibromoethane	9.68	107	224036	98.733	ug/l	99
64) Tetrachloroethene	9.34	164	217948	89.031	ug/l	99
65) Chlorobenzene	10.14	112	584106	93.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	219148	95.710	ug/l	100
67) Ethyl Benzene	10.26	91	1027177	99.420	ug/l	99
68) m/p-Xylenes	10.36	106	792107	197.613	ug/l	100
69) o-Xylene	10.70	106	383477	101.687	ug/l	100
70) Styrene	10.71	104	653377	103.497	ug/l	99
71) Bromoform	10.86	173	209423	102.498	ug/l	99
73) Isopropylbenzene	11.02	105	1046676	97.508	ug/l	99
74) N-amyl acetate	10.90	43	546626	102.772	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	367613	92.827	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	341437m	94.888	ug/l	
77) Bromobenzene	11.26	156	282197	94.332	ug/l	99
78) n-propylbenzene	11.36	91	1222078	99.565	ug/l	99
79) 2-Chlorotoluene	11.42	91	728723	95.754	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	911823	99.299	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	121127	106.377	ug/l	95
82) 4-Chlorotoluene	11.51	91	875353	97.545	ug/l	100
83) tert-Butylbenzene	11.77	119	918854	100.385	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	946557	101.709	ug/l	100
85) sec-Butylbenzene	11.95	105	1093770	100.142	ug/l	100
86) p-Isopropyltoluene	12.07	119	995580	101.967	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	533207	94.784	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	539628	91.710	ug/l	100
89) n-Butylbenzene	12.39	91	911685	103.431	ug/l	99
90) Hexachloroethane	12.60	117	171978	102.126	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	538346	94.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93646	97.799	ug/l	98

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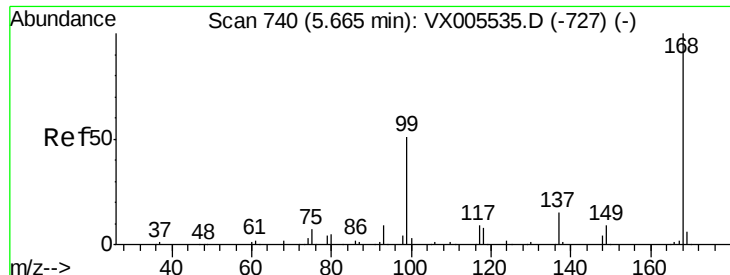
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	419159	101.596	ug/l	100
94) Hexachlorobutadiene	13.79	225	200826	93.929	ug/l	99
95) Naphthalene	13.83	128	1286677	107.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	423199	101.190	ug/l	100

(#) = 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: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 214203

Ion Ratio Lower Upper

168 100

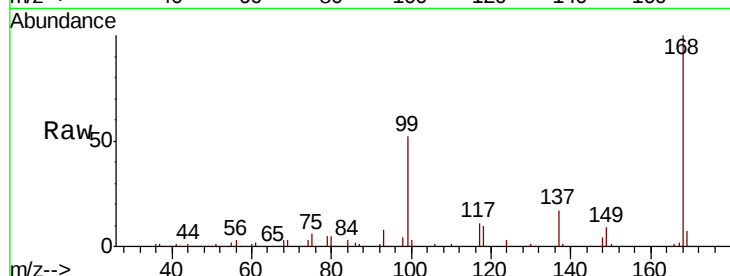
99 51.6 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

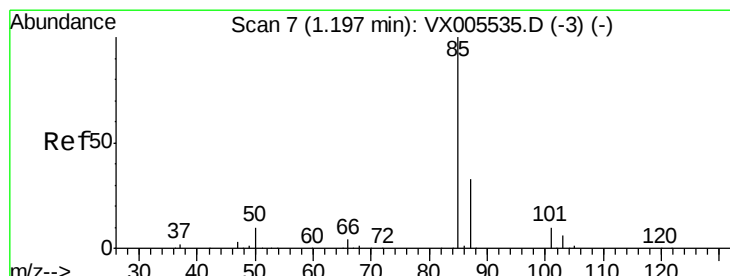
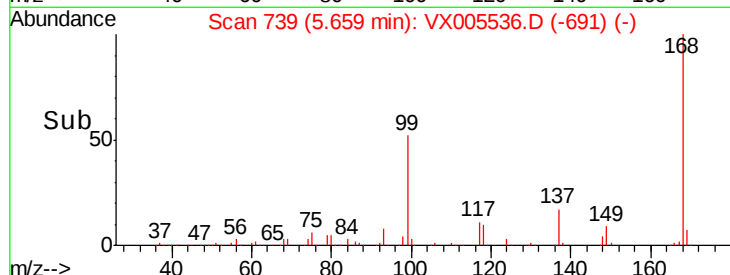
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 106.645 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX005536.D

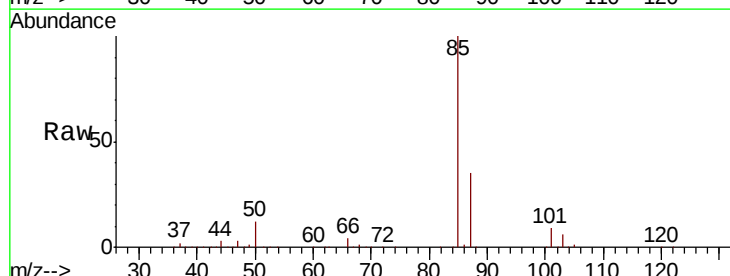
Acq: 24 Oct 2018 12:25

Tgt Ion: 85 Resp: 225478

Ion Ratio Lower Upper

85 100

87 34.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

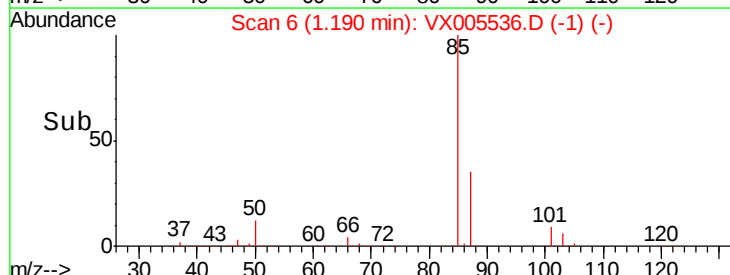
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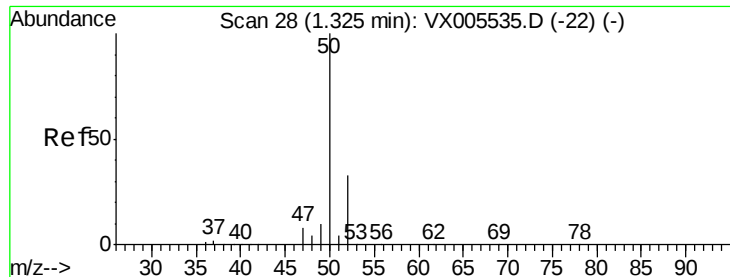
50000

0

Time-->

1.20 1.30





#3

Chloromethane

Concen: 100.576 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 270806

Ion Ratio Lower Upper

50 100

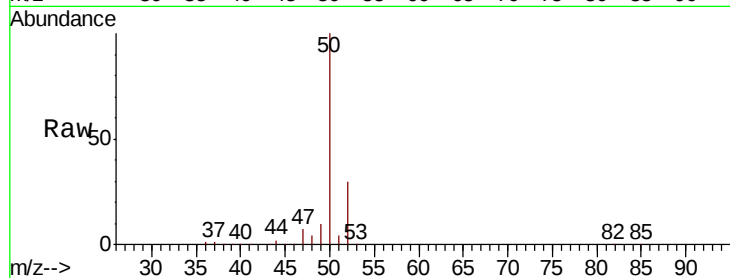
52 29.8 26.2 39.2

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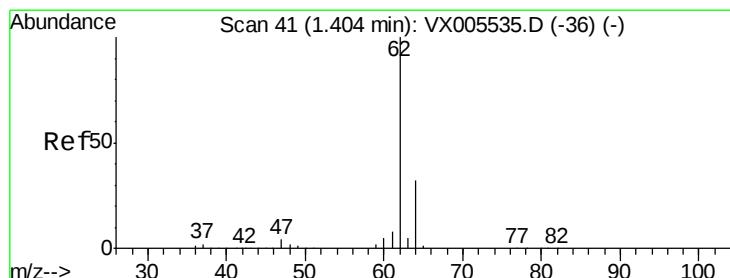
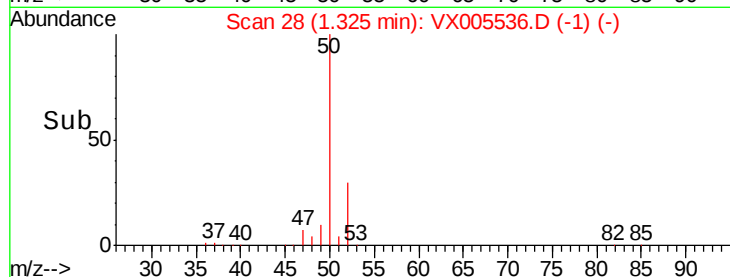
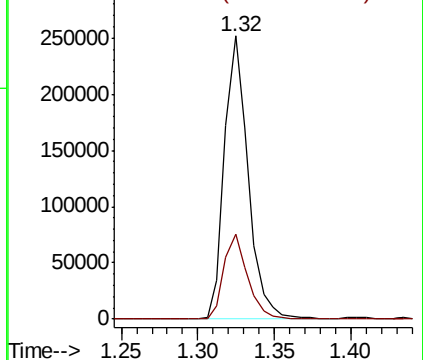
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 98.254 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005536.D

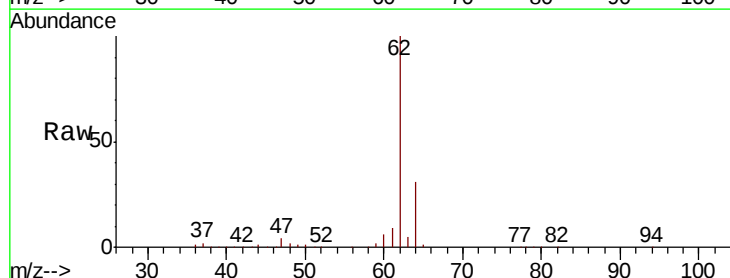
Acq: 24 Oct 2018 12:25

Tgt Ion: 62 Resp: 260132

Ion Ratio Lower Upper

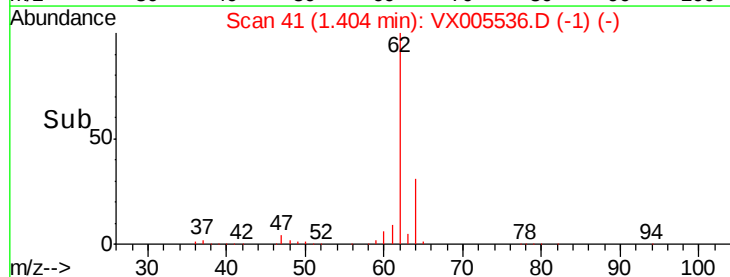
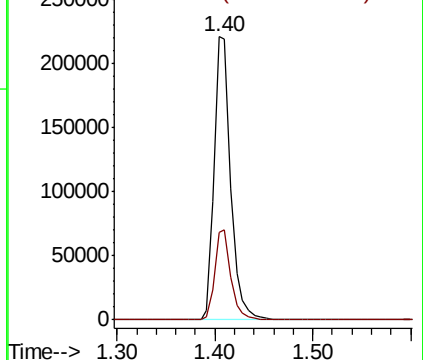
62 100

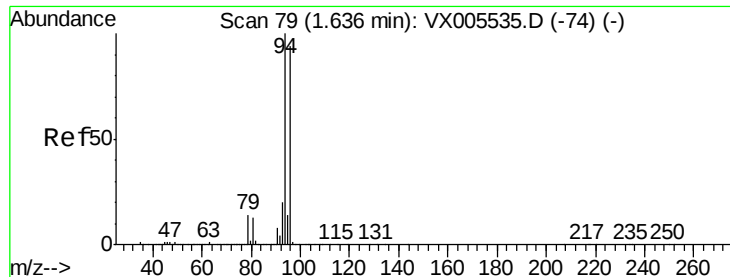
64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 99.404 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 163759

Ion Ratio Lower Upper

94 100

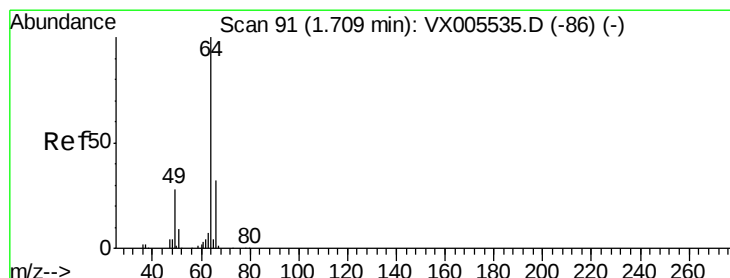
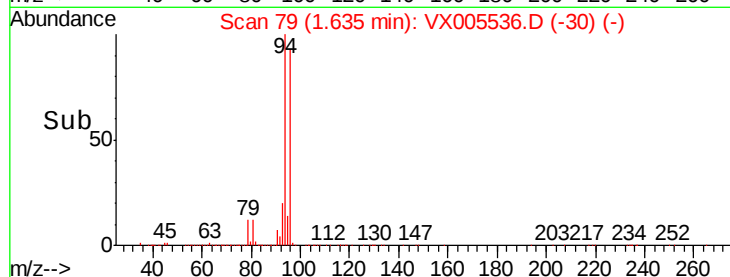
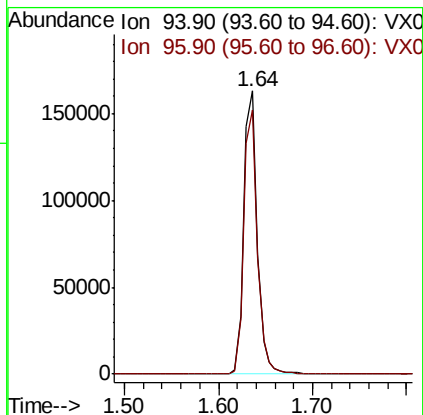
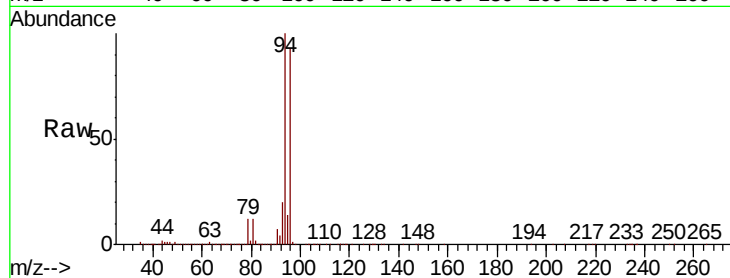
96 93.4 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 93.590 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005536.D

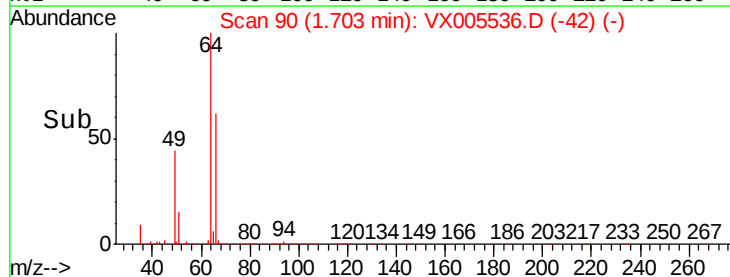
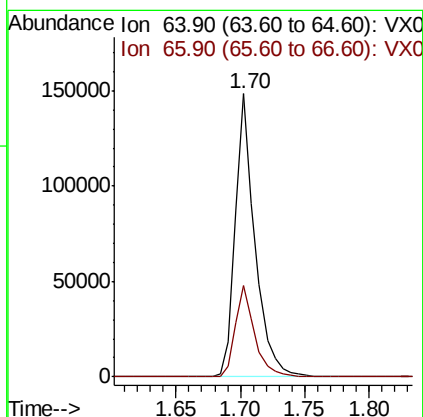
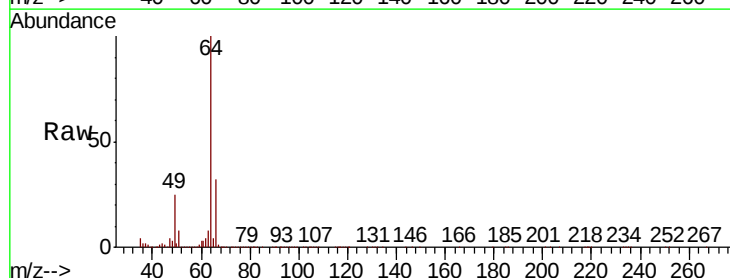
Acq: 24 Oct 2018 12:25

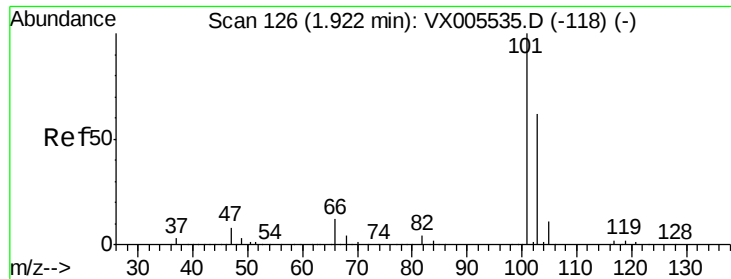
Tgt Ion: 64 Resp: 158290

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6





#7

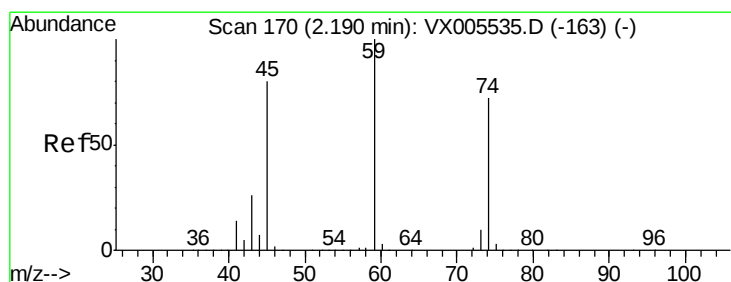
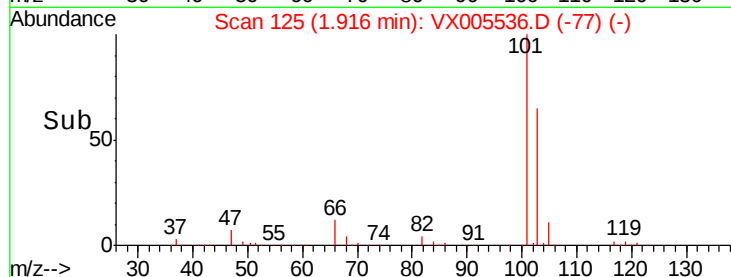
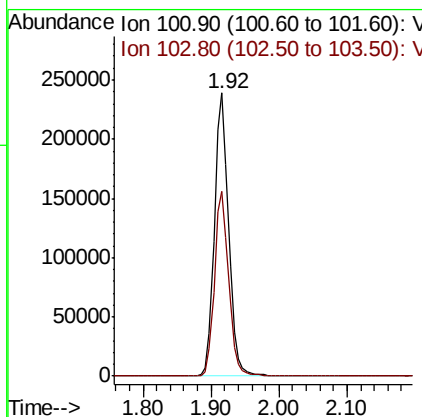
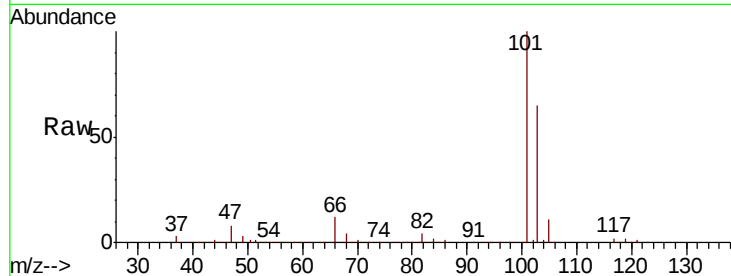
Trichlorofluoromethane
 Concen: 94.387 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

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 VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	65.5	50.0	75.0	

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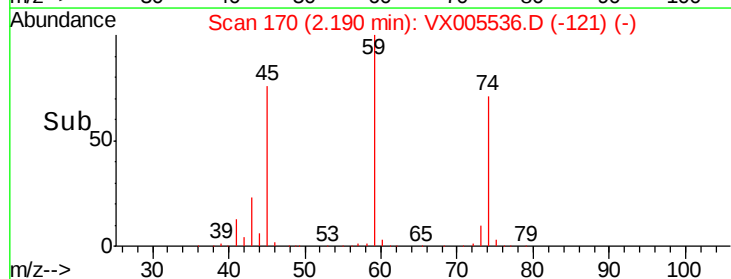
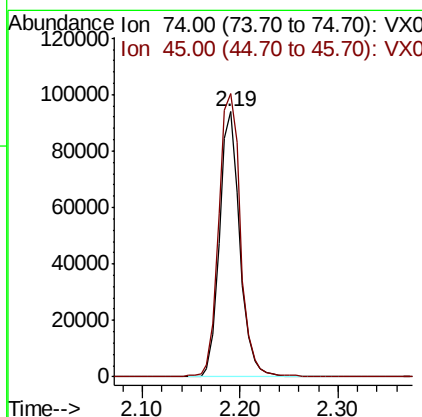
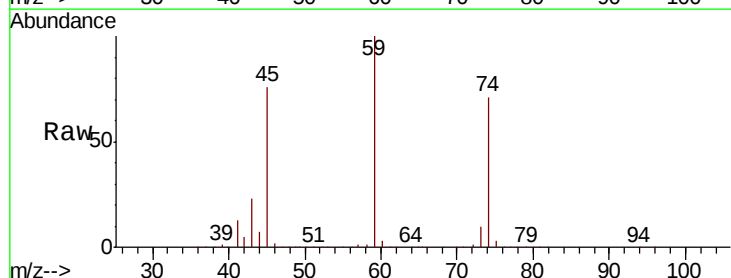
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 10/26/2018 11:53:15 AM



#8

Diethyl Ether
 Concen: 92.452 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	113.9	54.1	162.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.996 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

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MSVOA_X

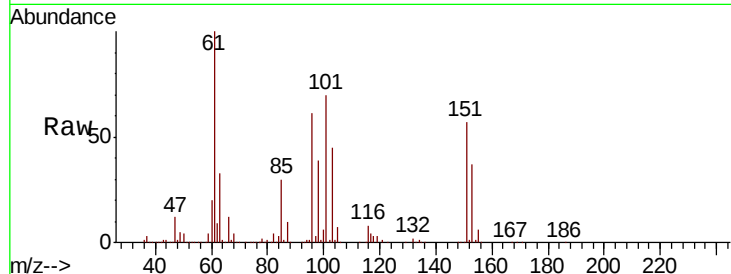
ClientSampleId :

VSTDIC100

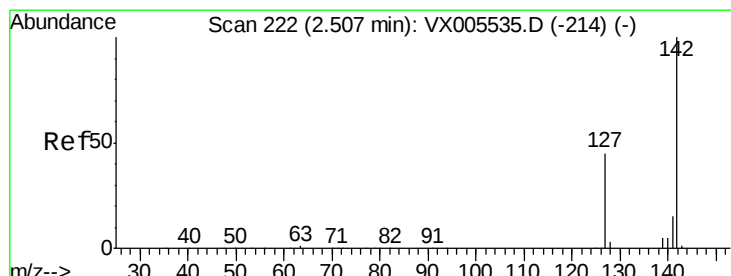
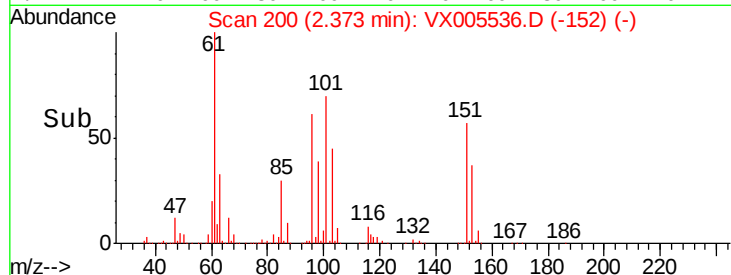
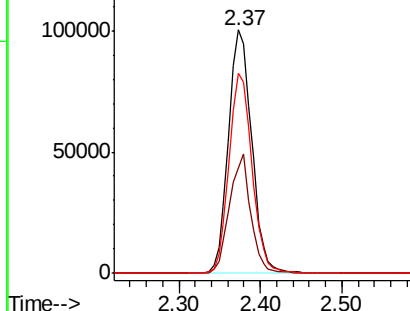
Tot Ion:	101	Resp:	196288
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.0	52.4
151	81.6	66.2	99.2

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 115.631 ug/l

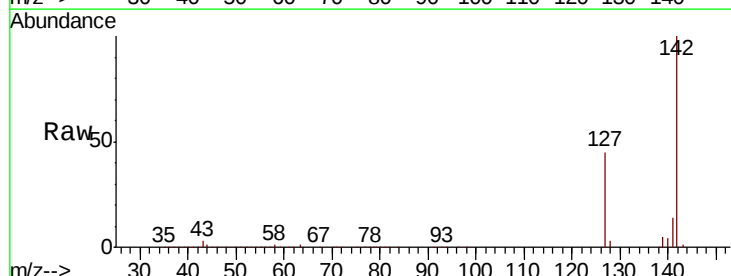
RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

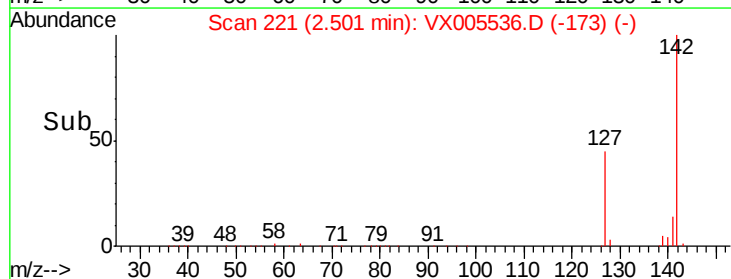
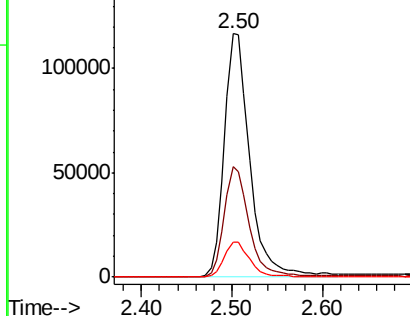
Lab File: VX005536.D

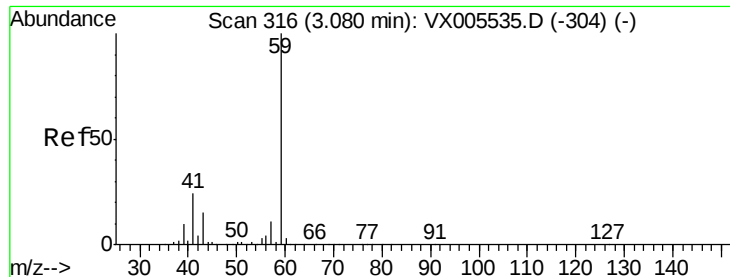
Acq: 24 Oct 2018 12:25

Tgt Ion:	142	Resp:	230614
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.0	54.0
141	14.6	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





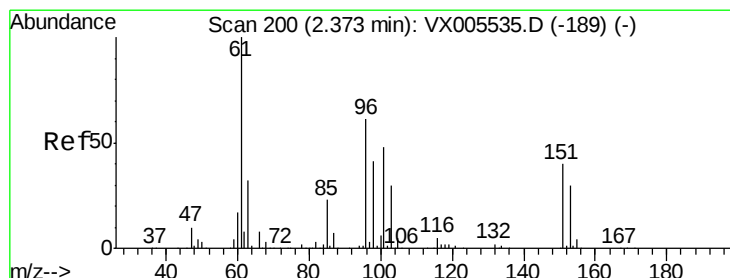
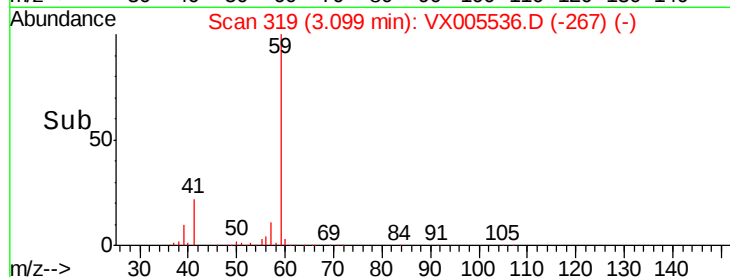
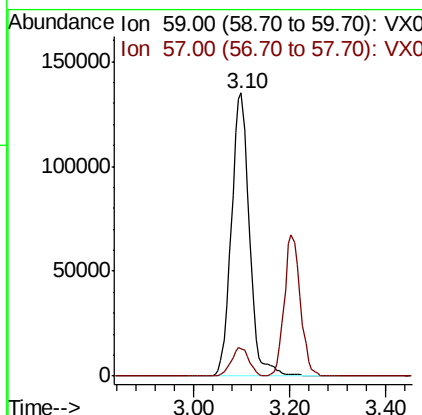
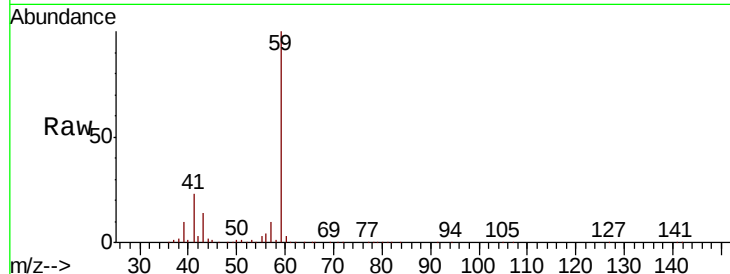
#11
Tert butyl alcohol
Concen: 501.817 ug/l
RT: 3.10 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 59 Resp: 353090
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

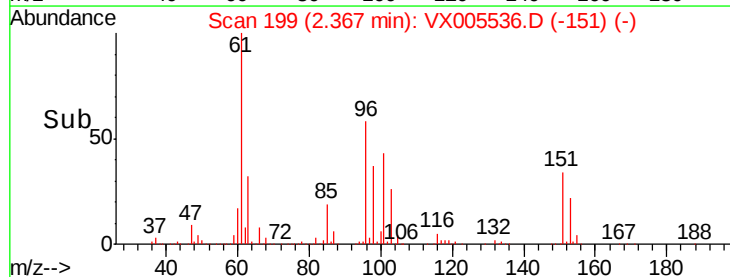
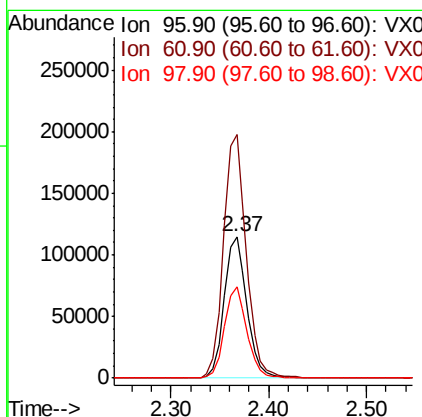
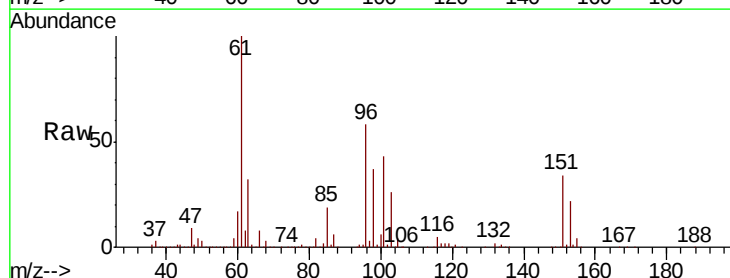
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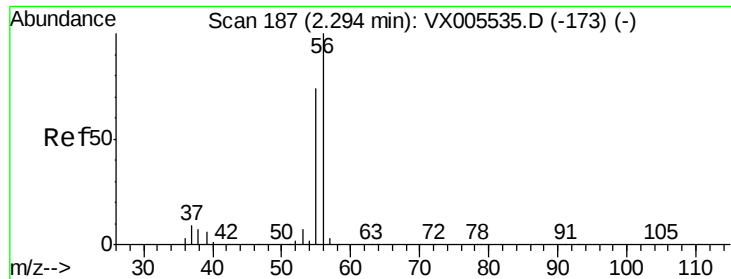
MMDadoda
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#12
1,1-Dichloroethene
Concen: 91.520 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 96 Resp: 184022
Ion Ratio Lower Upper
96 100
61 171.9 131.8 197.8
98 64.0 53.4 80.2





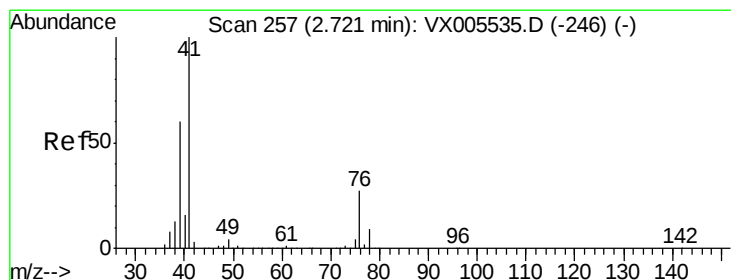
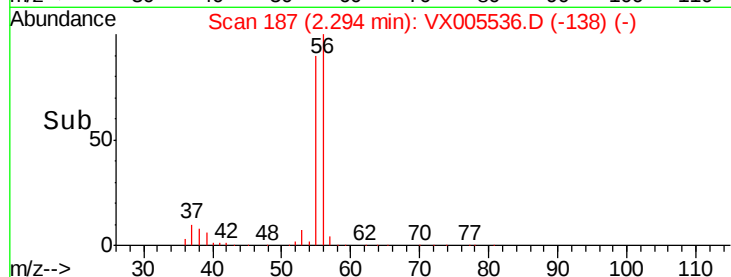
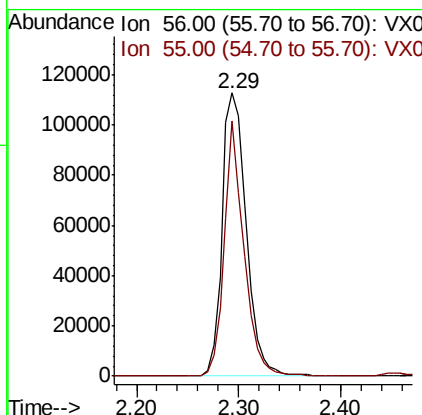
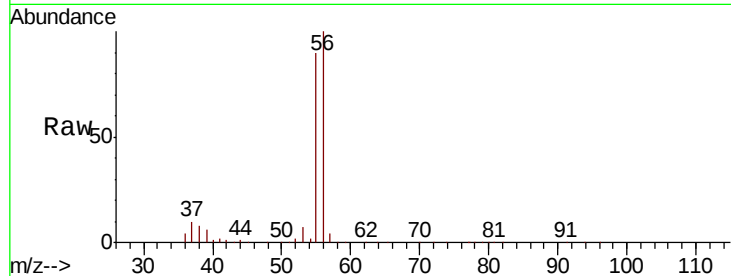
#13
Acrolein
Concen: 514.134 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.9	57.3	85.9

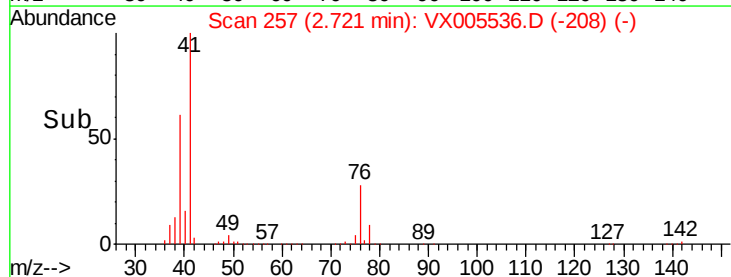
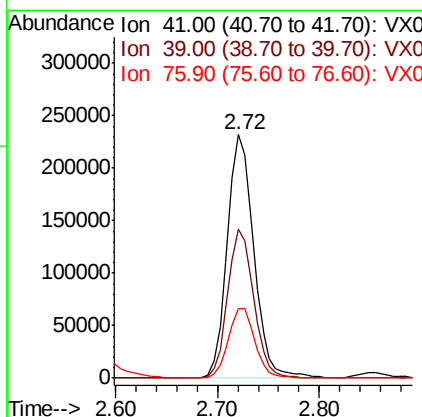
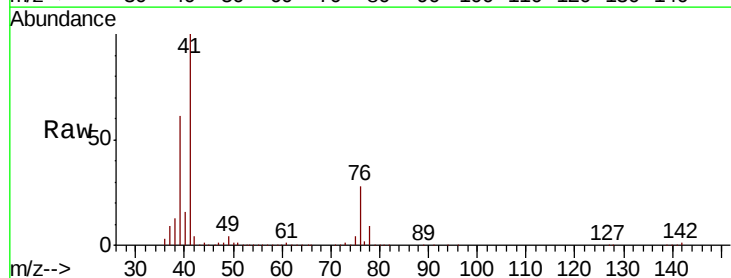
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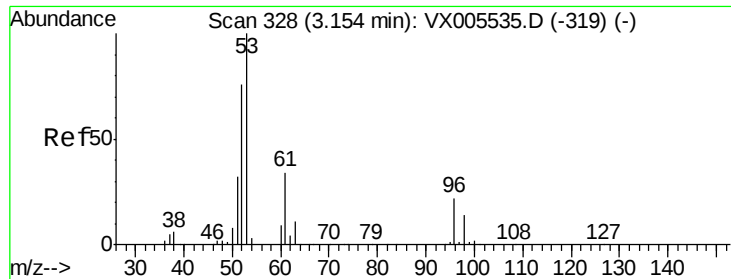
MMDadoda
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#14
Allyl chloride
Concen: 93.244 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.9	48.2	72.4
76	28.5	21.9	32.9





#15

Acrylonitrile

Concen: 462.595 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

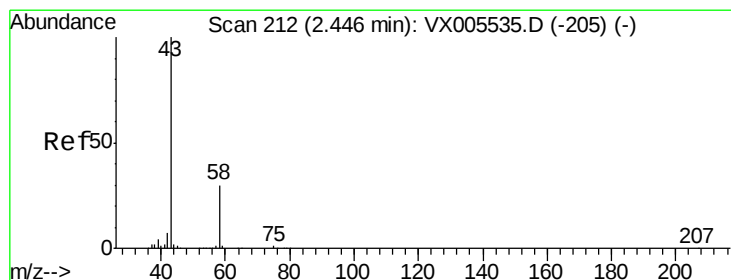
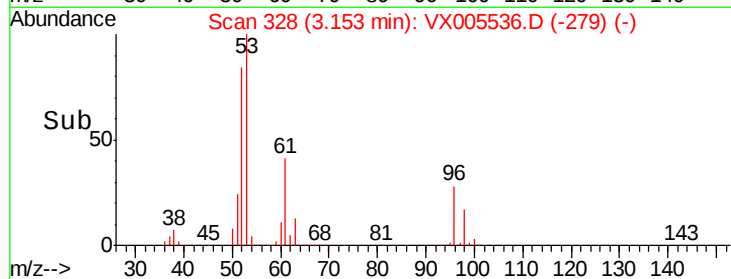
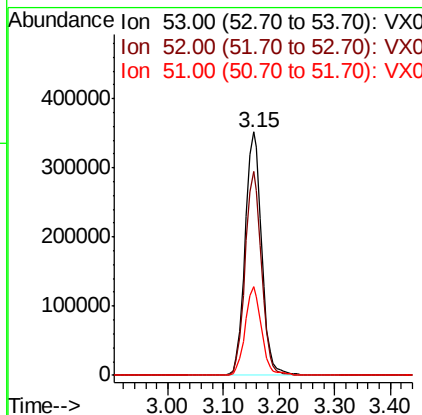
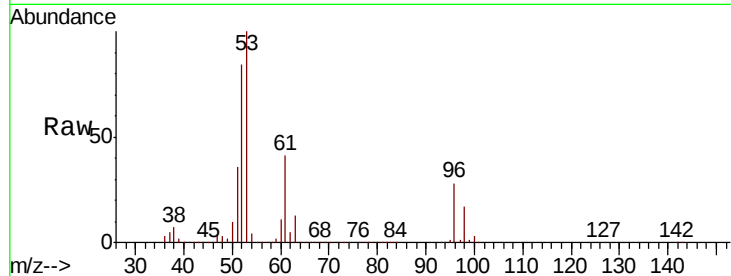
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	729878
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	36.3	28.4	42.6

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#16

Acetone

Concen: 471.781 ug/l

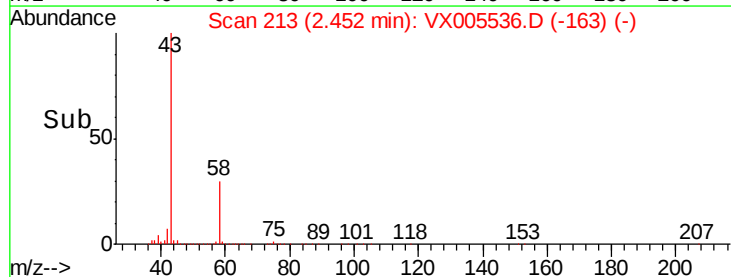
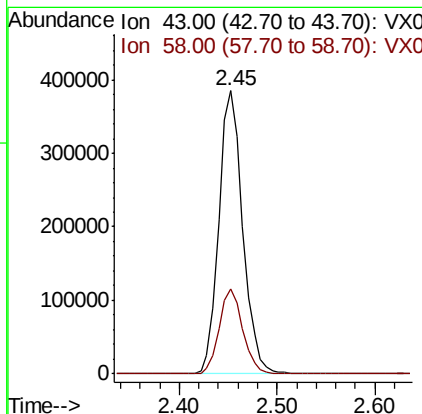
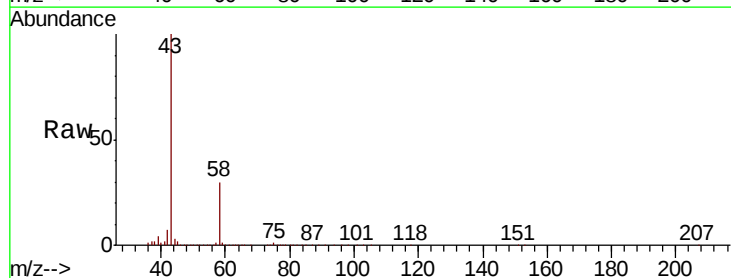
RT: 2.45 min Scan# 213

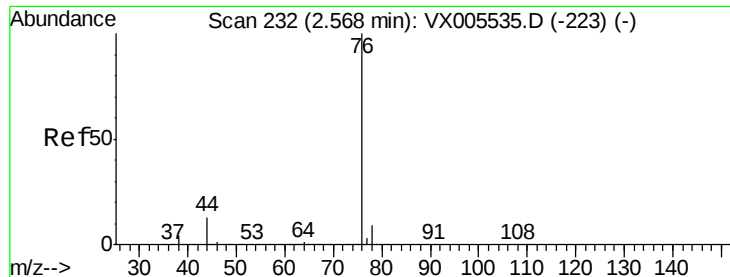
Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion:	43	Resp:	651848
Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.6





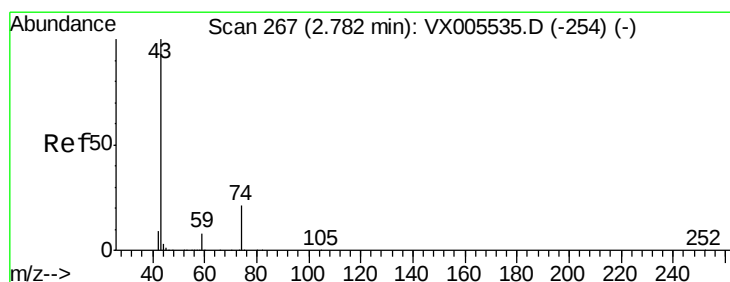
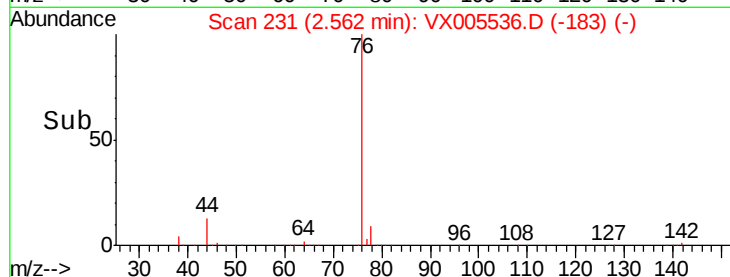
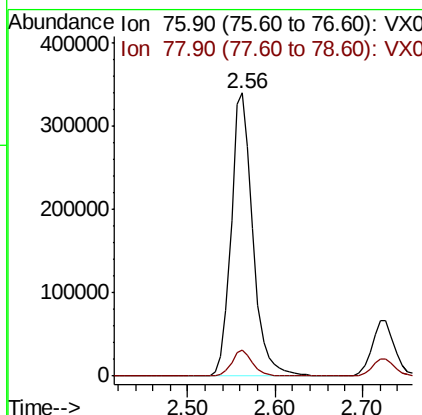
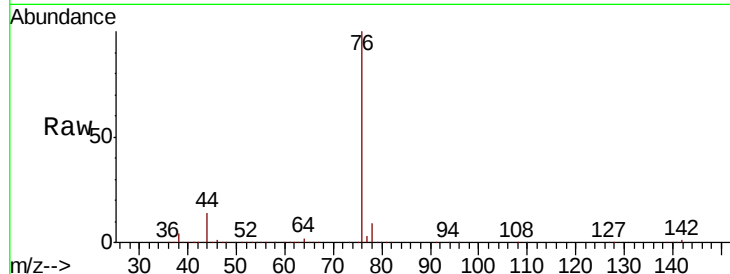
#17
Carbon Disulfide
Concen: 95.909 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

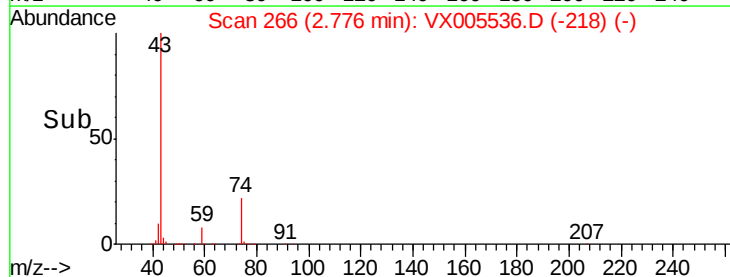
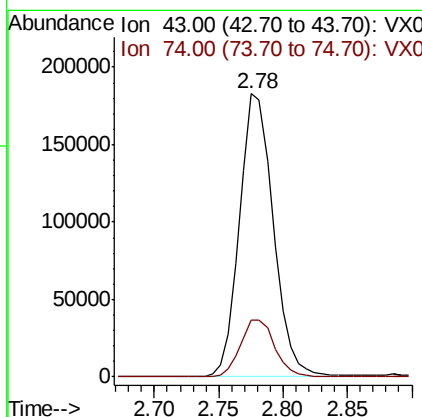
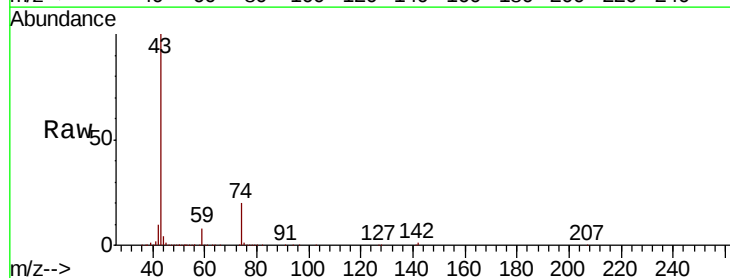
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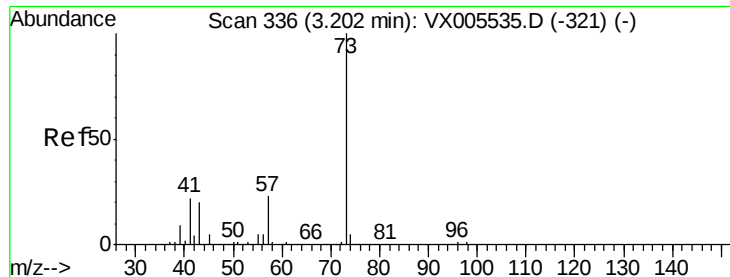
MMDadoda
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#18
Methyl Acetate
Concen: 85.331 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.8	25.2





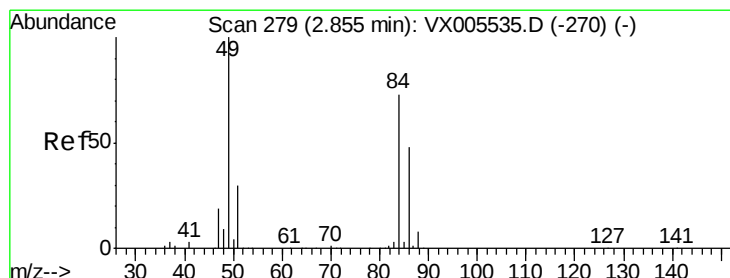
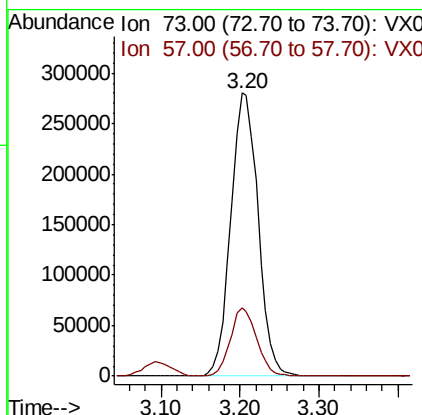
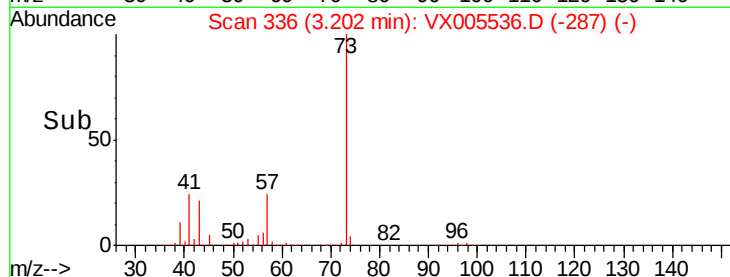
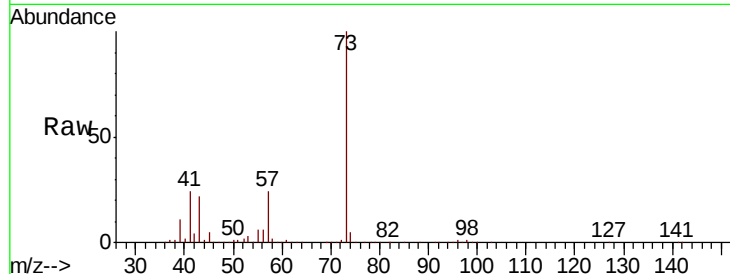
#19
Methvl tert-butvl Ether
Concen: 94.002 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 674232
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2

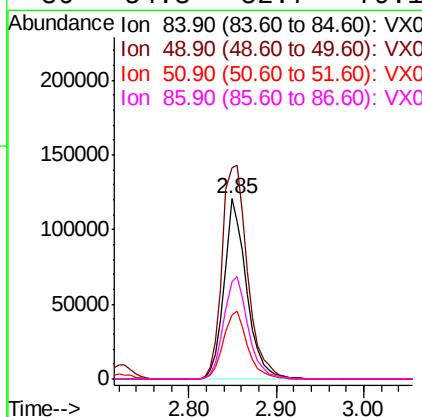
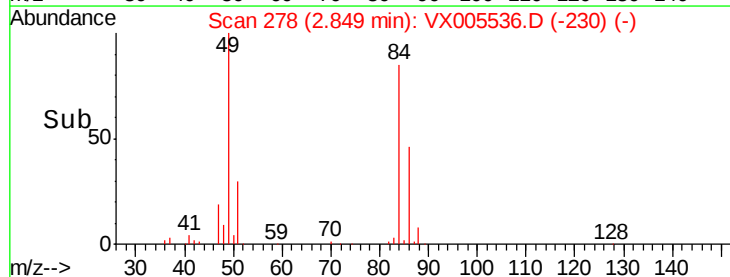
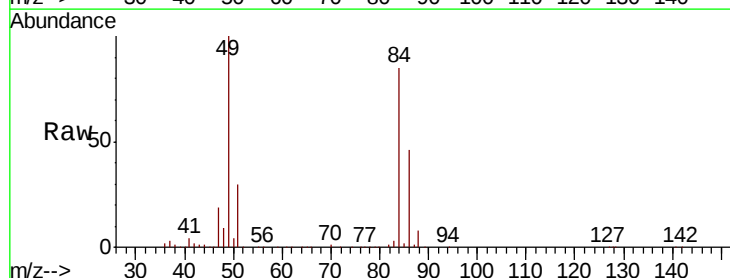
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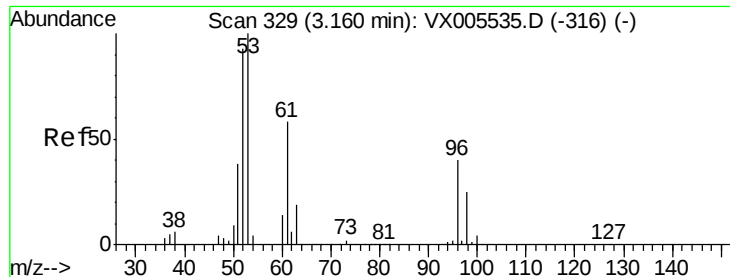
MMDadoda
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#20
Methylene Chloride
Concen: 92.502 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 84 Resp: 214056
Ion Ratio Lower Upper
84 100
49 117.7 109.5 164.3
51 35.5 33.3 49.9
86 54.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 90.506 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 198698

Ion Ratio Lower Upper

96 100

61 147.5 115.6 173.4

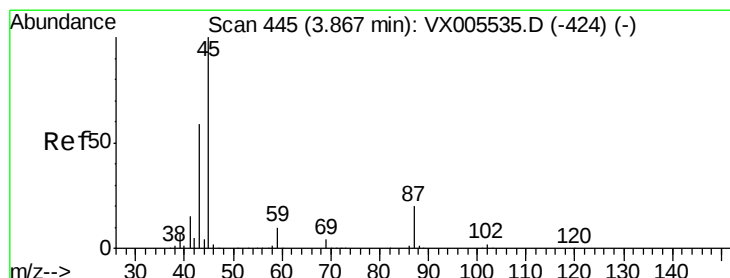
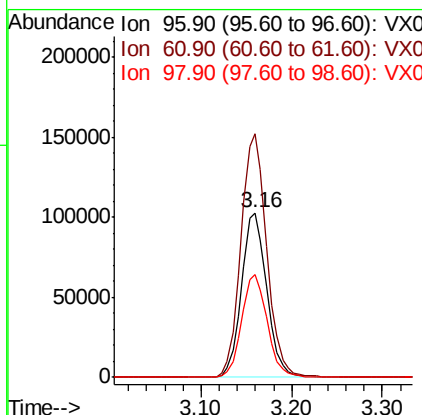
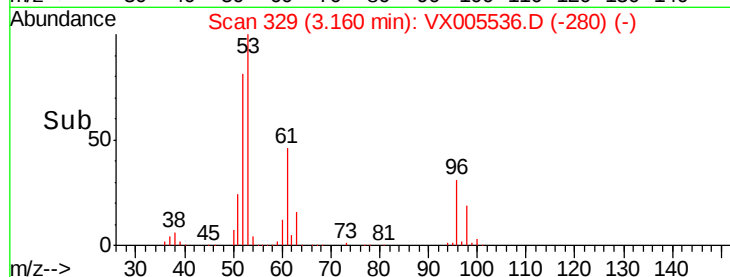
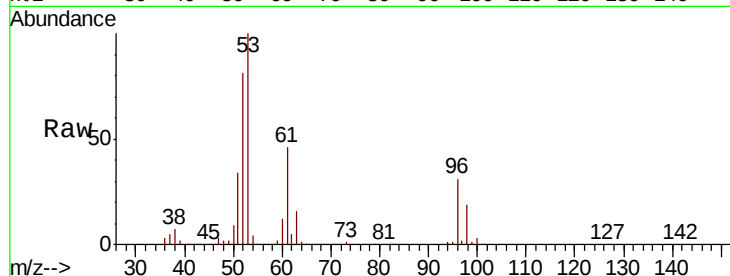
98 62.3 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 94.857 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion: 45 Resp: 743354

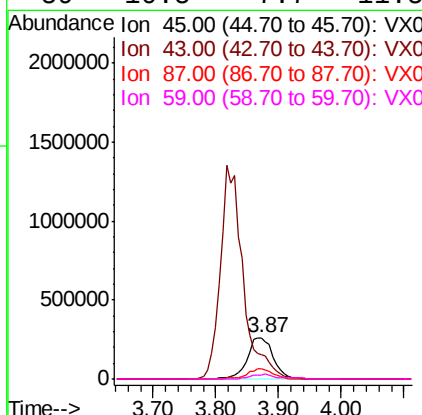
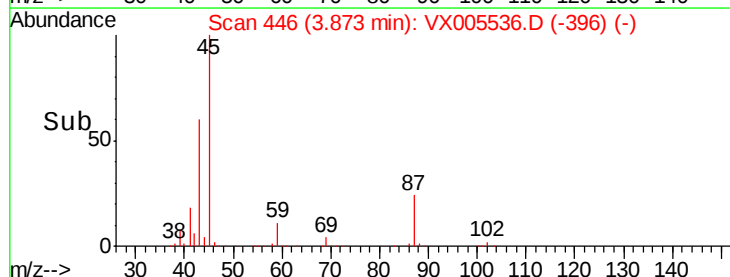
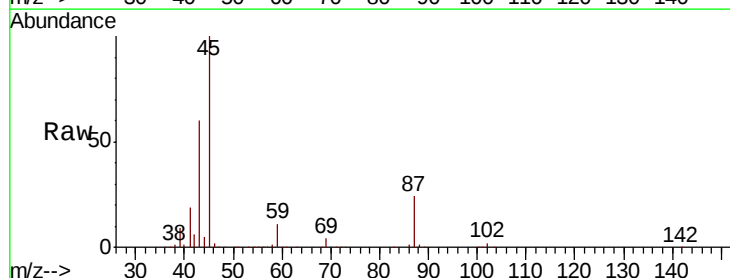
Ion Ratio Lower Upper

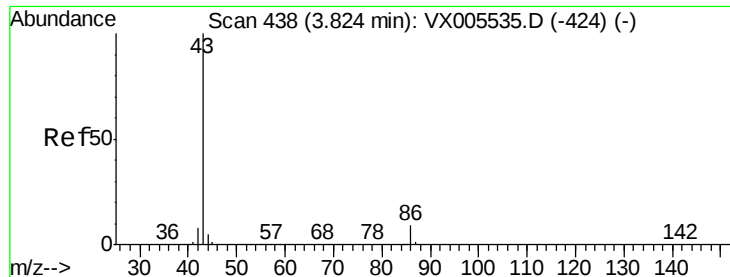
45 100

43 59.5 47.4 71.2

87 24.4 15.9 23.9#

59 10.5 7.7 11.5





#23

Vinyl Acetate

Concen: 493.652 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3407033

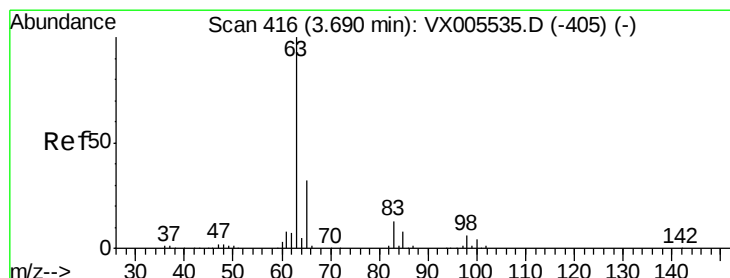
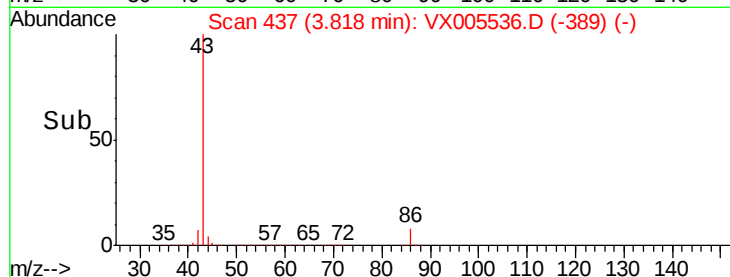
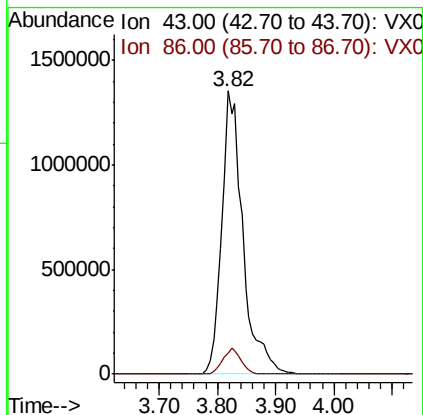
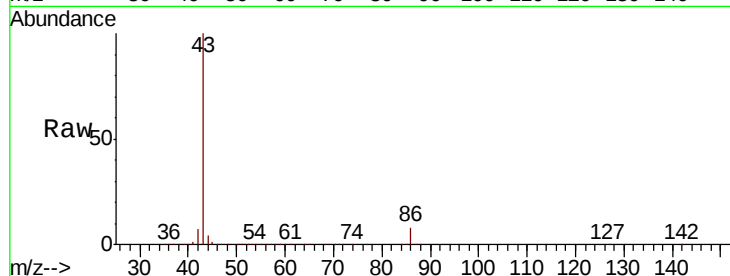
Ion Ratio Lower Upper

43 100

86 7.6 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 89.771 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

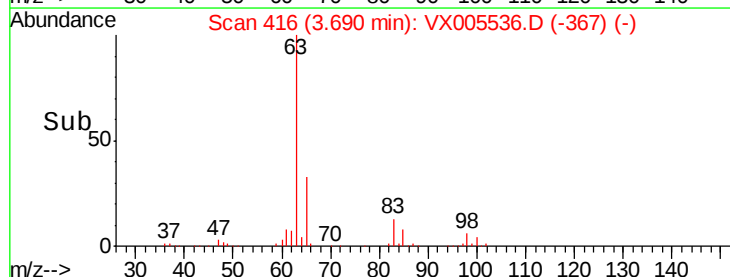
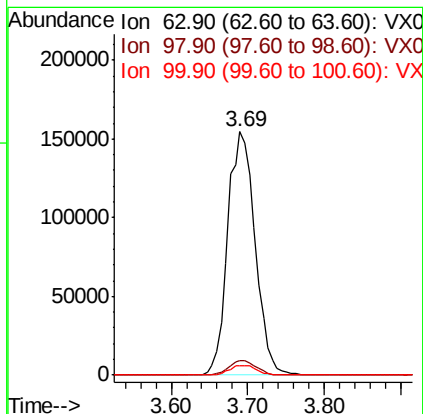
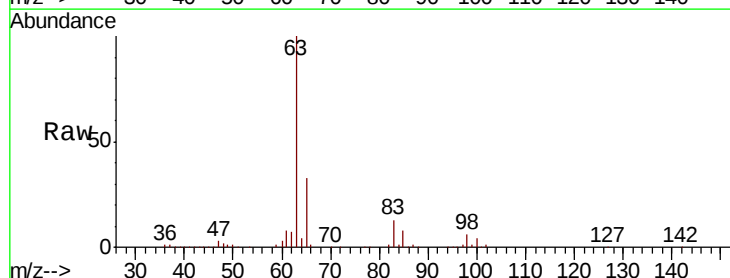
Tgt Ion: 63 Resp: 382476

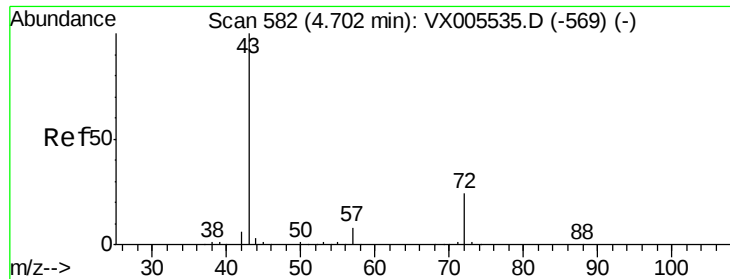
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 489.095 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1029062

Ion Ratio Lower Upper

43 100

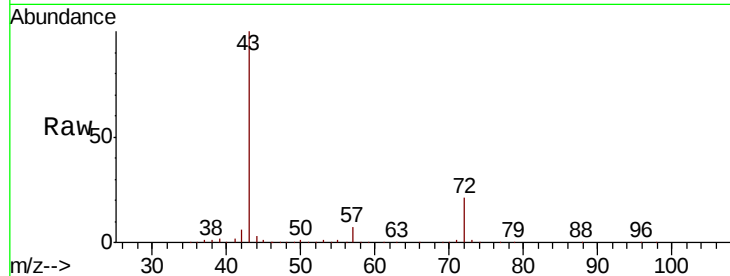
72 21.4 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

400000

300000

200000

100000

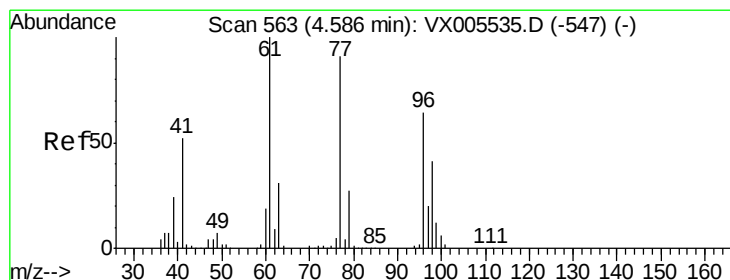
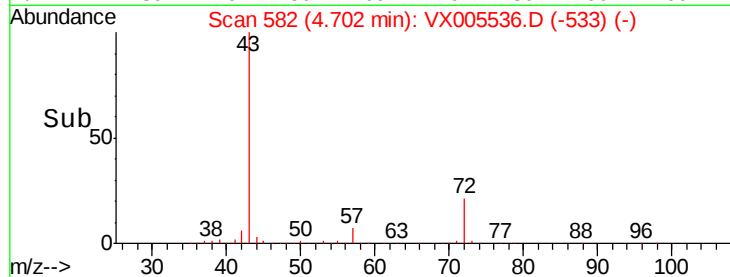
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 92.642 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005536.D

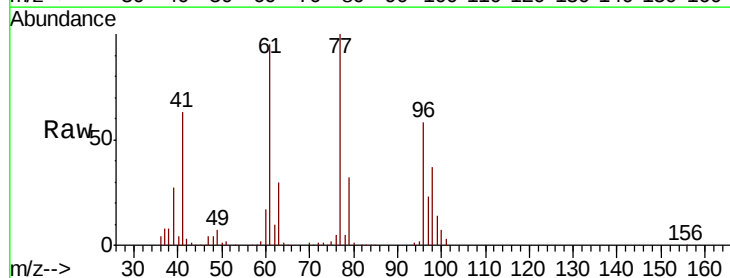
Acq: 24 Oct 2018 12:25

Tgt Ion: 77 Resp: 304729

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

40000

20000

0

4.40

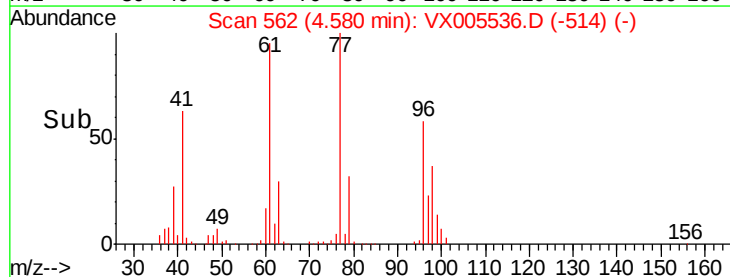
4.50

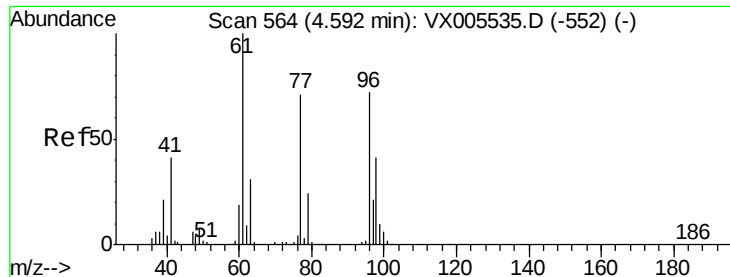
4.60

4.70

4.80

Time-->





#27

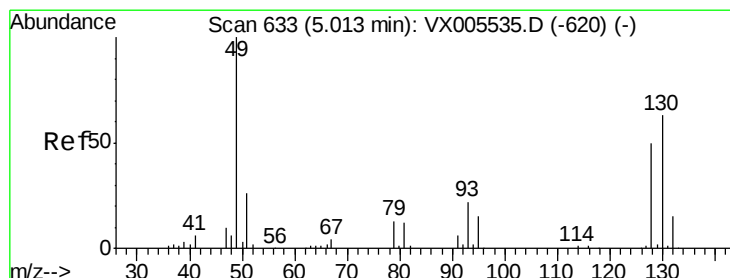
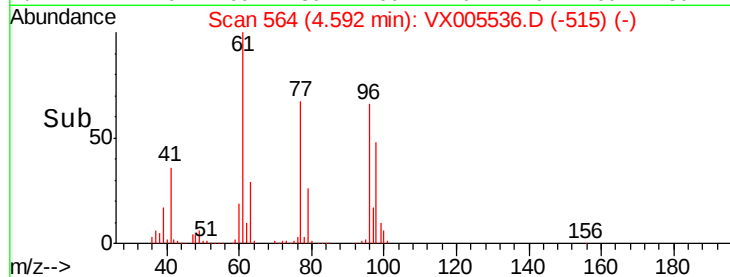
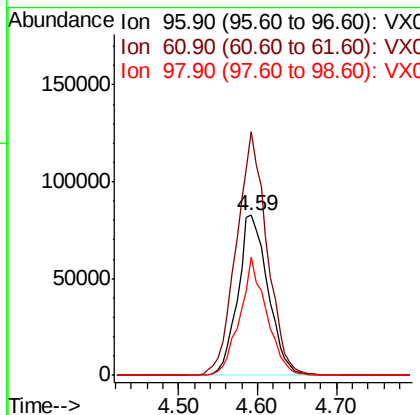
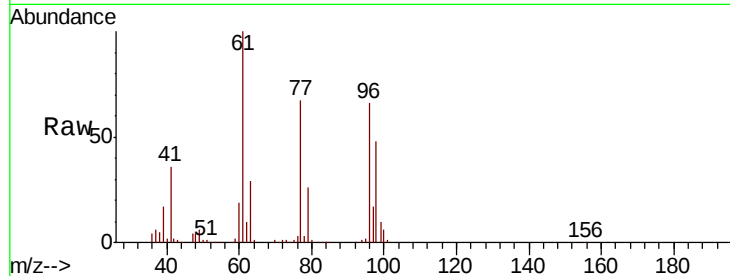
cis-1,2-Dichloroethene
Concen: 93.427 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	221125		
61	153.8	0.0	304.6	
98	65.3	0.0	127.4	

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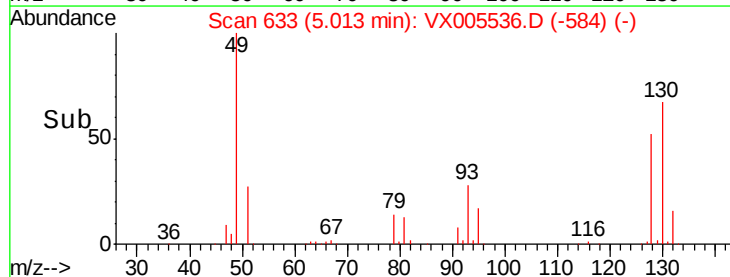
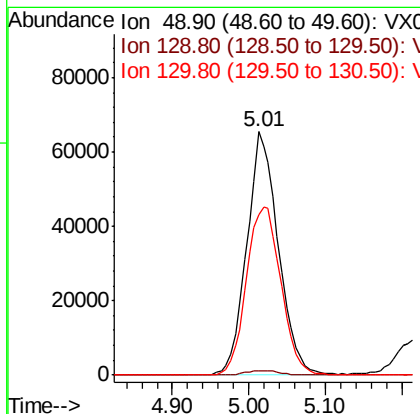
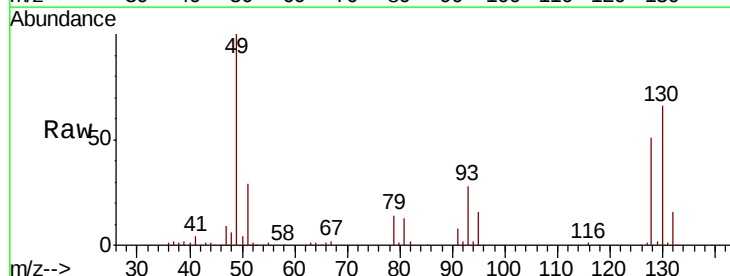
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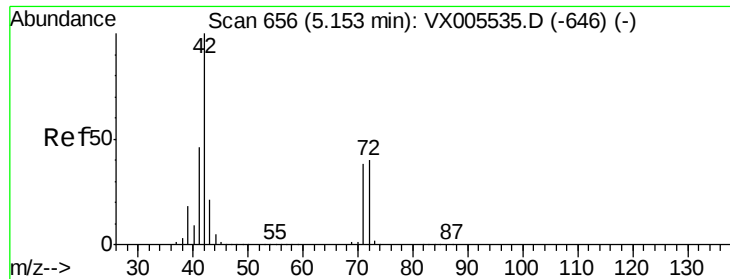


#28

Bromochloromethane
Concen: 91.041 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	187606		
129	2.0	0.0	4.0	
130	75.8	58.9	88.3	





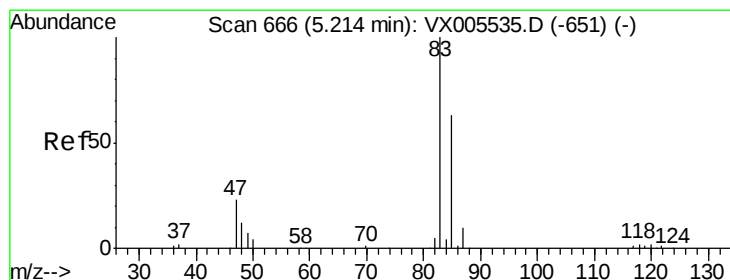
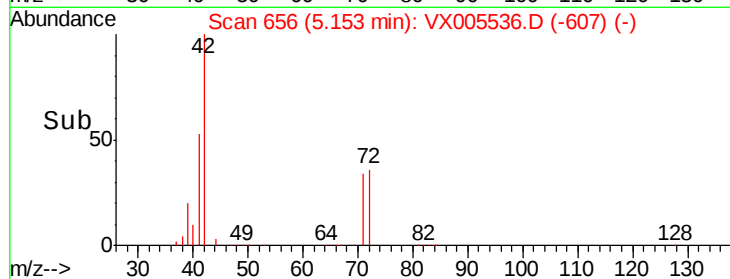
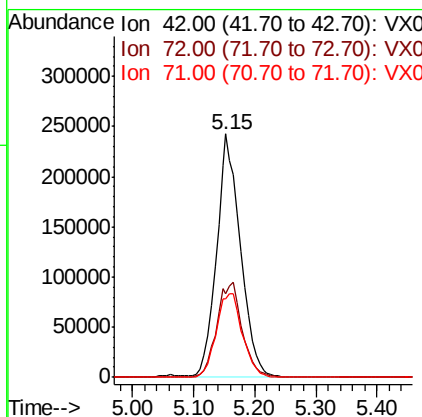
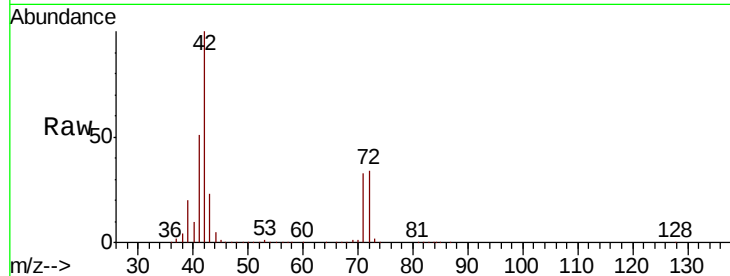
#29
Tetrahydrofuran
Concen: 484.652 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	38.0	29.8	44.8

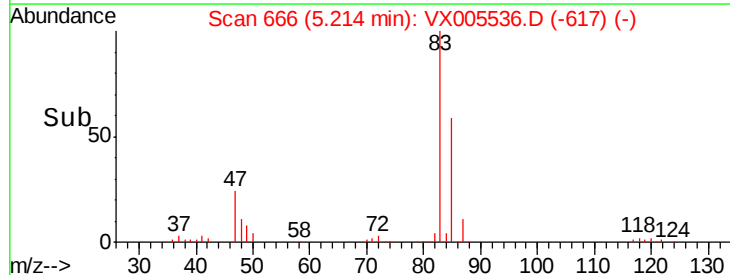
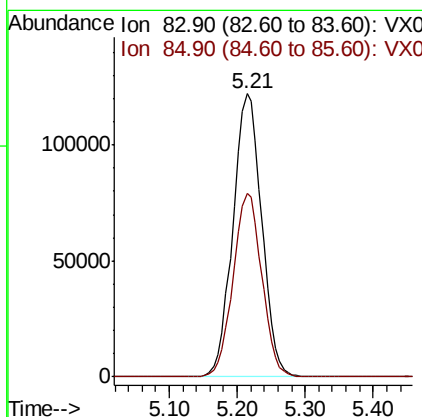
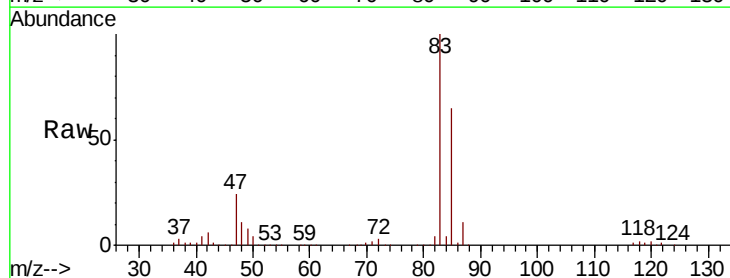
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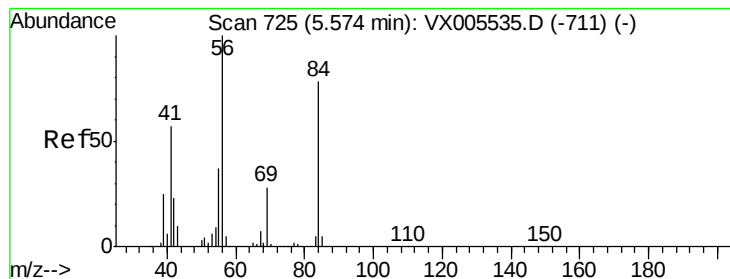
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#30
Chloroform
Concen: 89.907 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	76.0





#31

Cyclohexane

Concen: 97.838 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

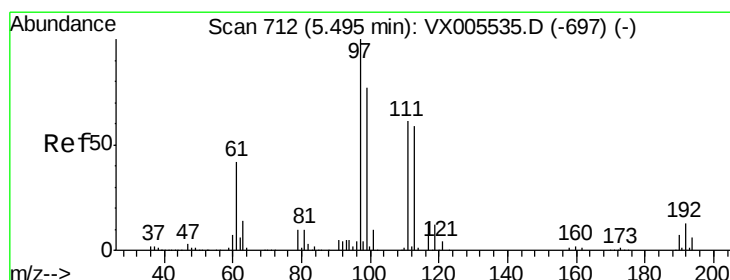
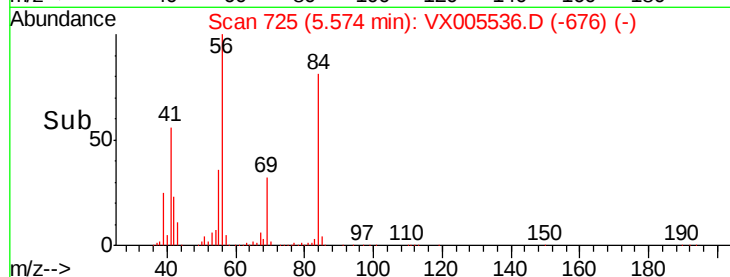
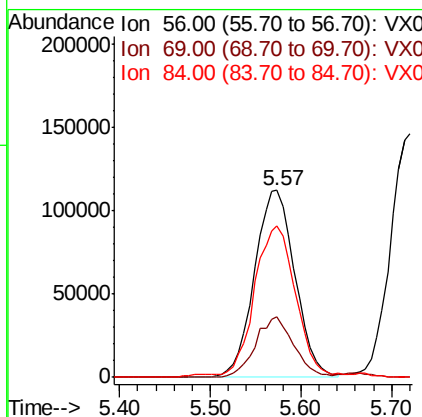
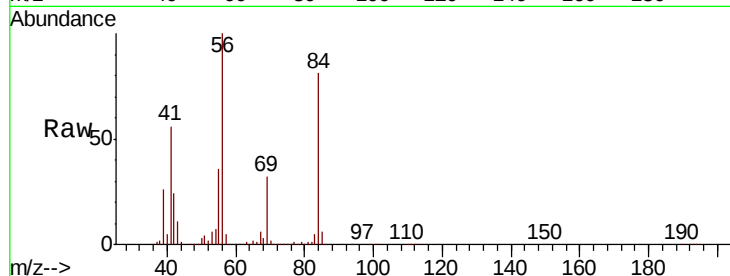
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	344896
Ion	Ratio	Lower	Upper
56	100		
69	32.1	22.6	34.0
84	80.3	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 93.337 ug/l

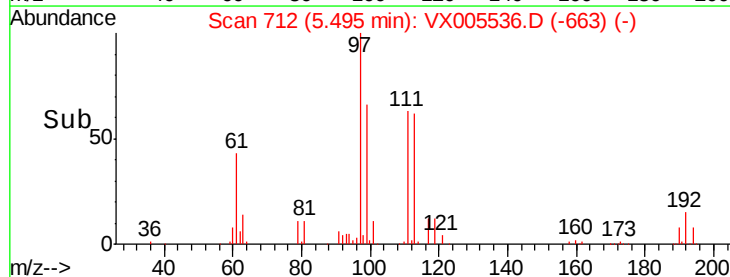
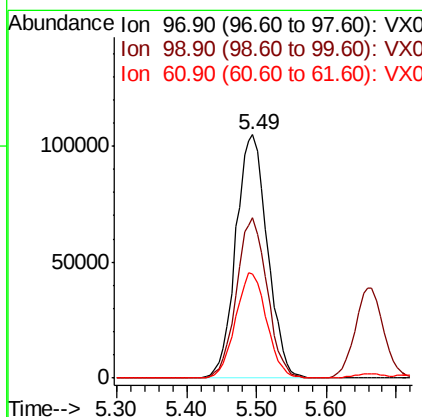
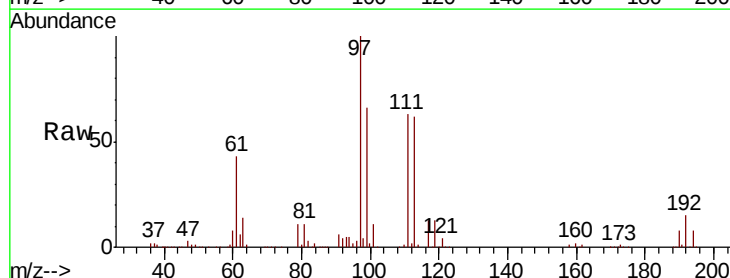
RT: 5.49 min Scan# 712

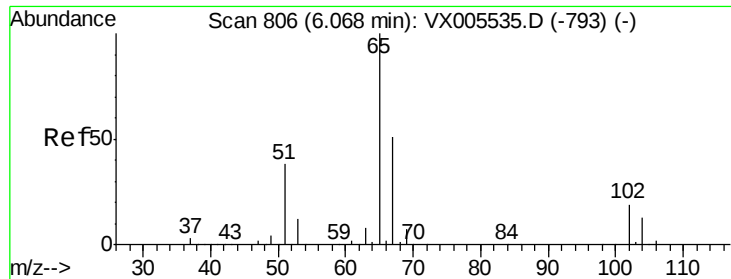
Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion:	97	Resp:	328314
Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.3	78.5
61	42.9	35.2	52.8





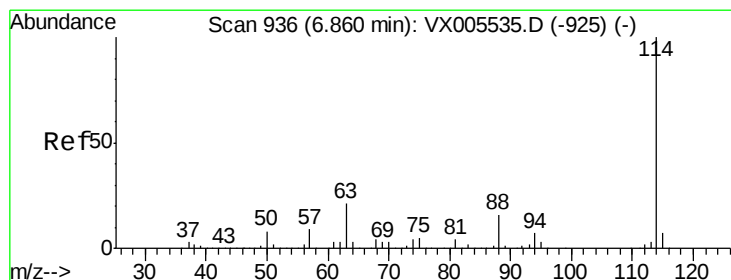
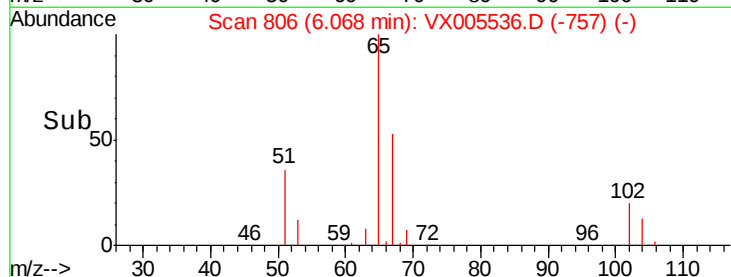
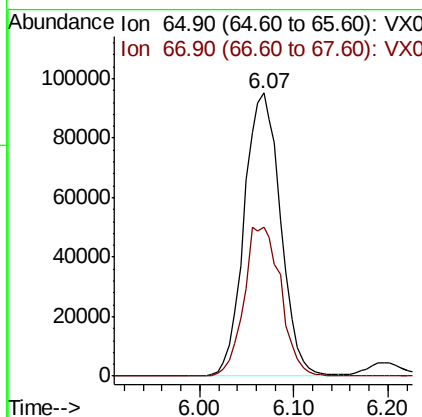
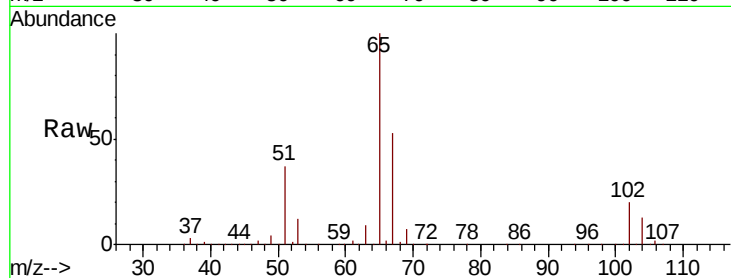
#33
 1,2-Dichloroethane-d4
 Concen: 98.430 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0

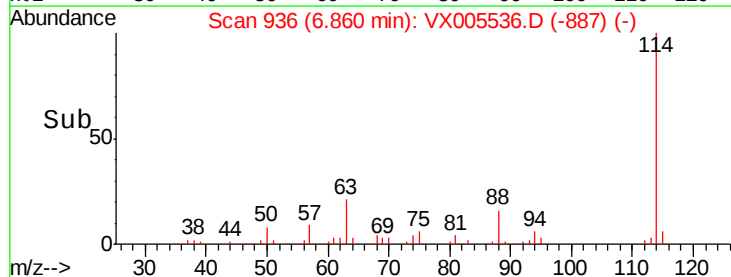
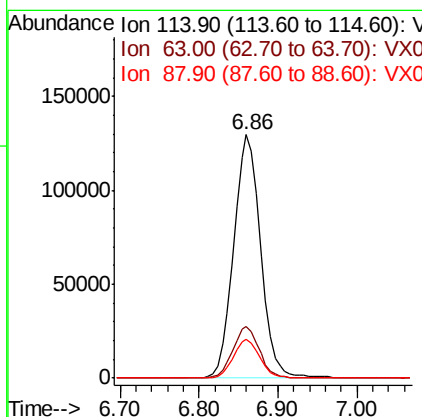
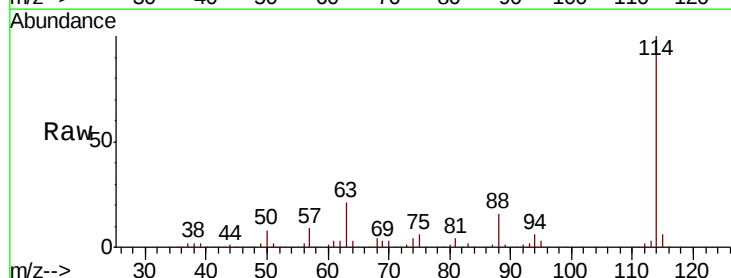
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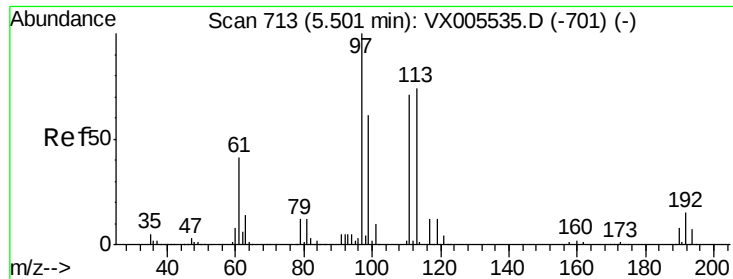
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.8
88	15.7	0.0	31.2





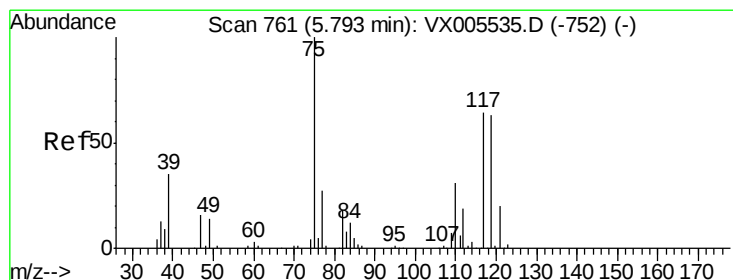
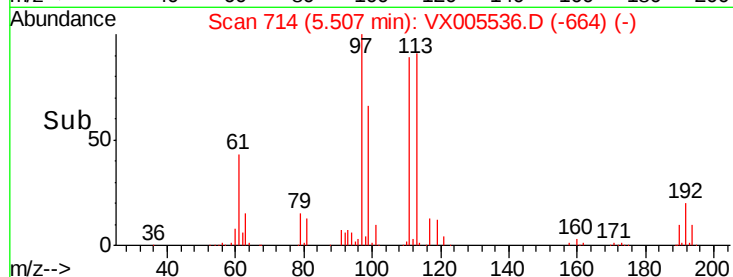
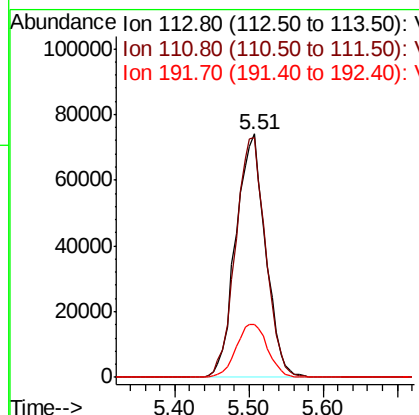
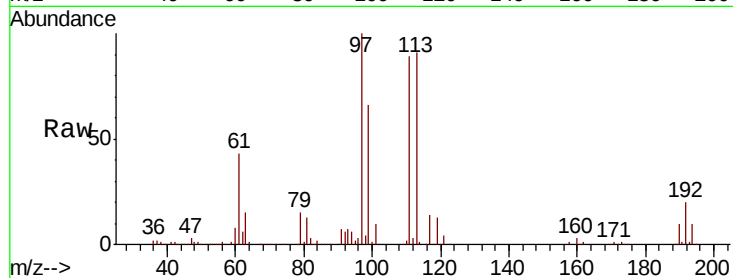
#35
Dibromofluoromethane
Concen: 99.627 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	207572		
111	99.3	82.3	123.5	
192	23.1	17.9	26.9	

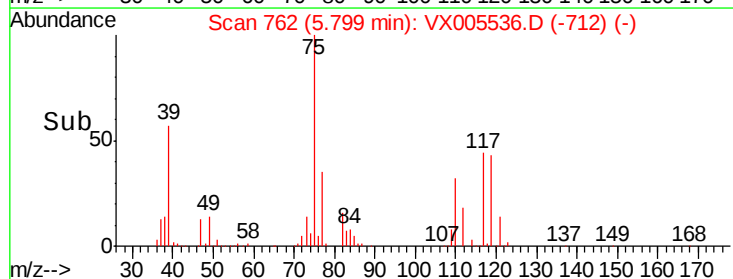
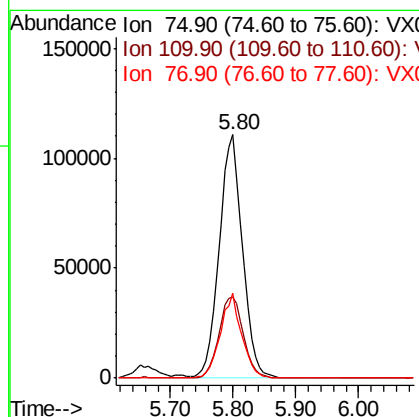
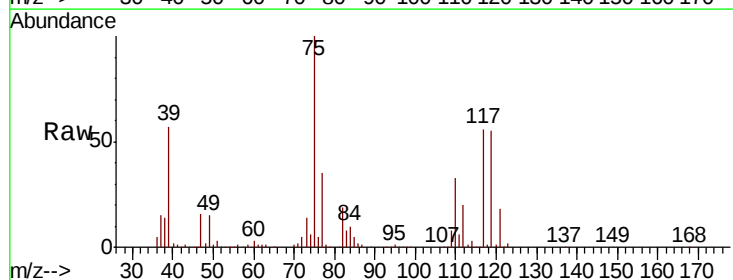
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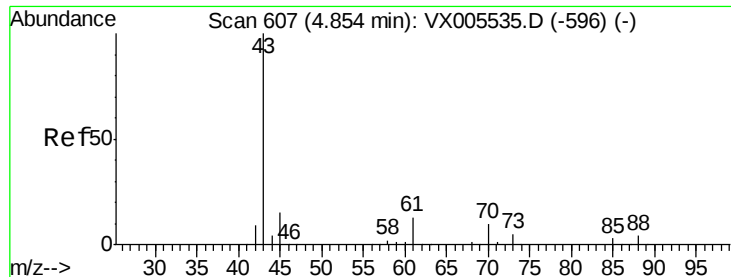
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#36
1,1-Dichloropropene
Concen: 95.172 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	284192		
110	34.9	17.4	52.2	
77	31.5	25.8	38.6	





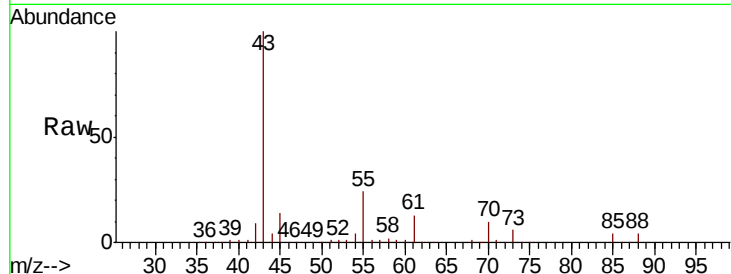
#37
Ethyl Acetate
Concen: 93.371 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

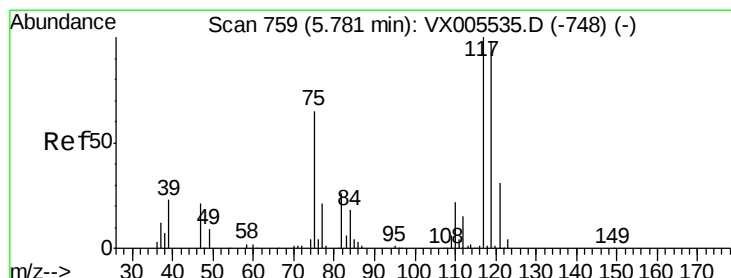
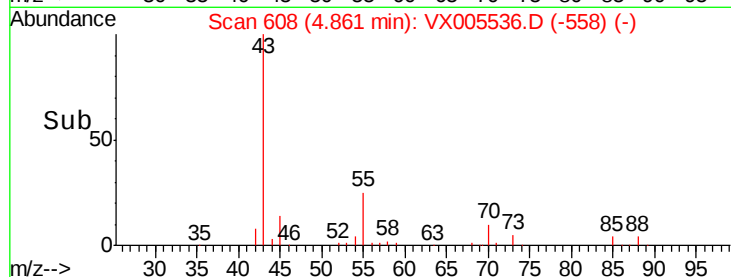
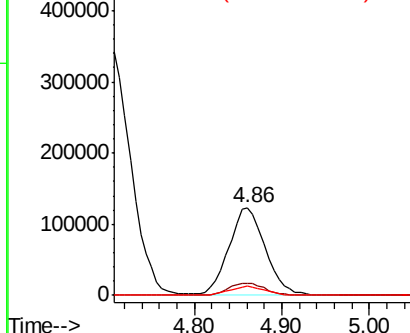
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.8	16.2
70	10.1	7.8	11.8

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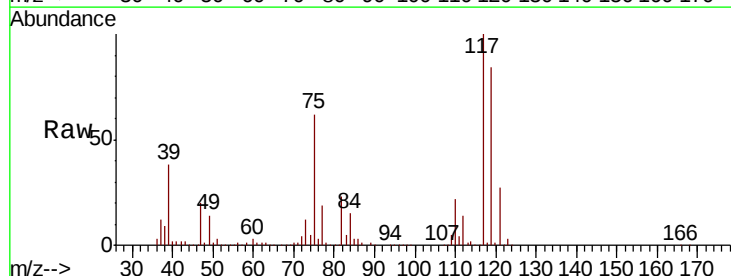


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

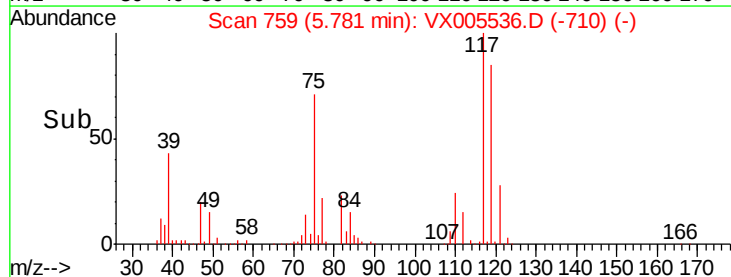
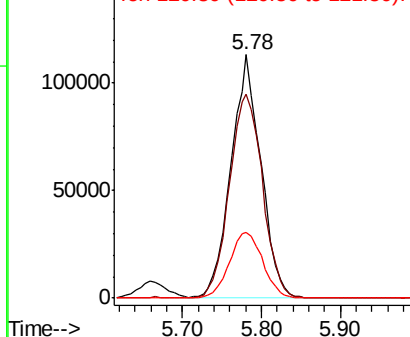


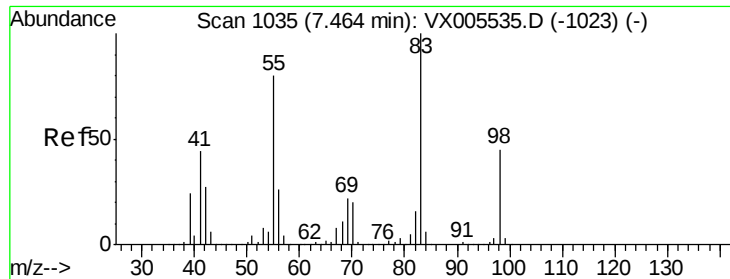
#38
Carbon Tetrachloride
Concen: 94.970 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.6	78.1	117.1
121	27.1	24.6	36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





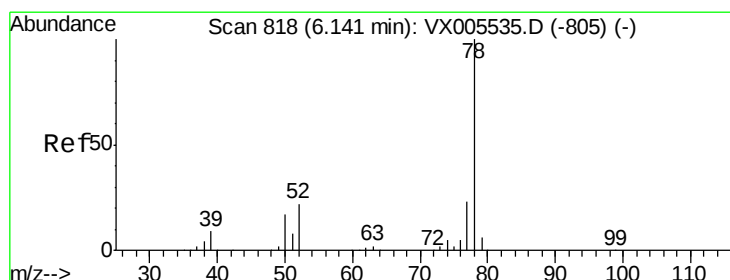
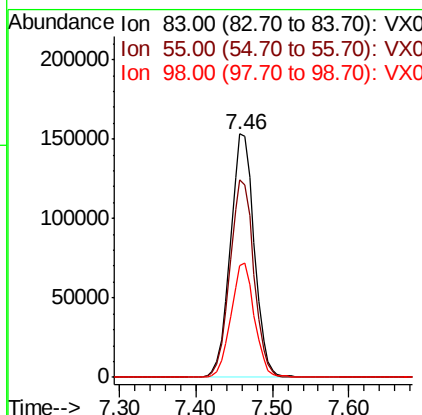
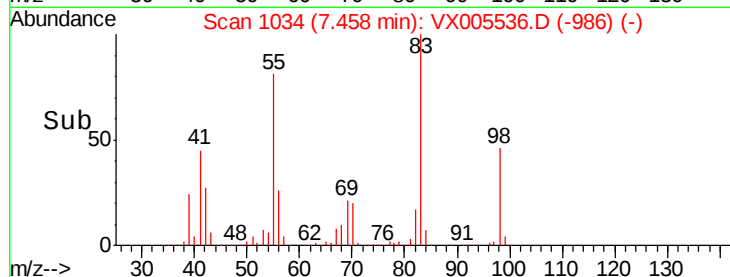
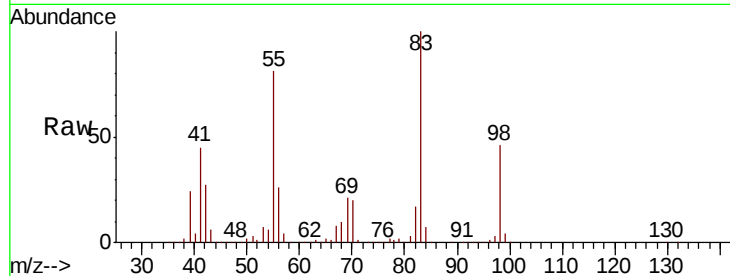
#39
Methvlcvclohexane
Concen: 100.689 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	63.7	95.5
98	45.8	36.2	54.2

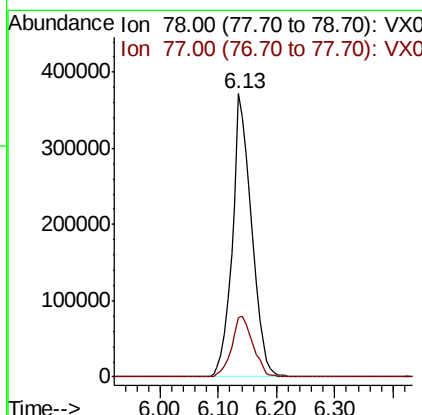
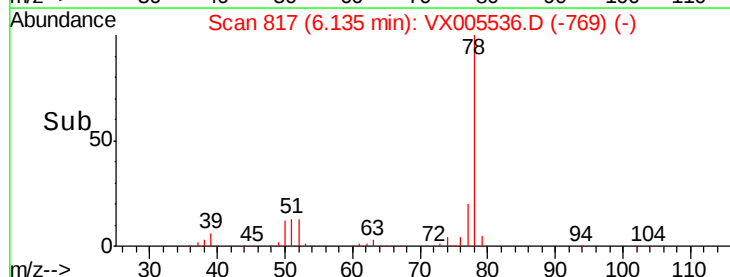
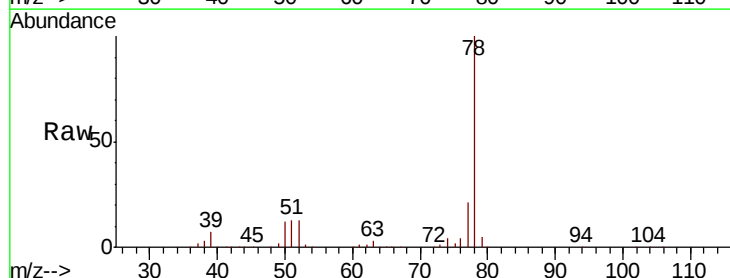
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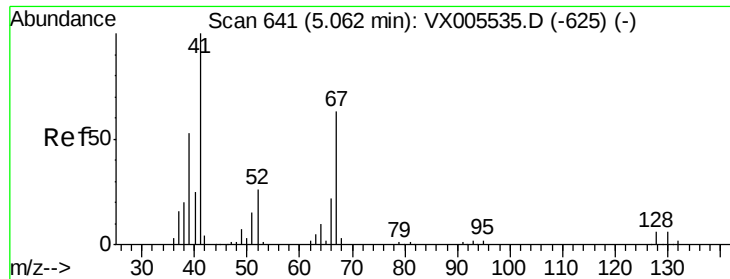
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#40
Benzene
Concen: 99.570 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.8	18.4	27.6





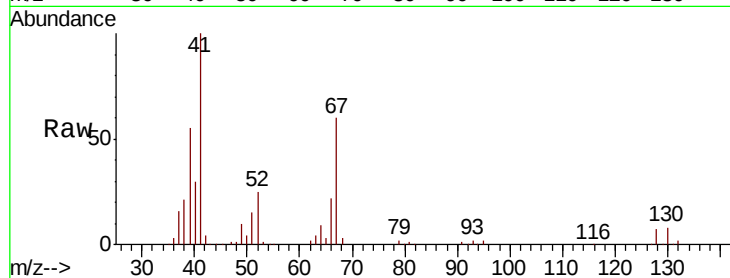
#41
Methacrylonitrile
Concen: 96.722 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

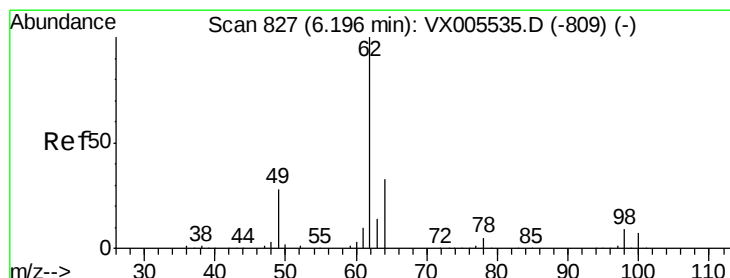
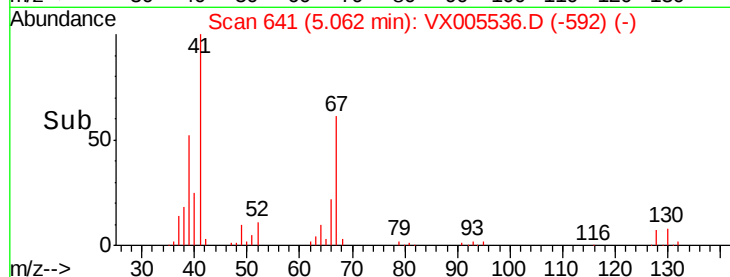
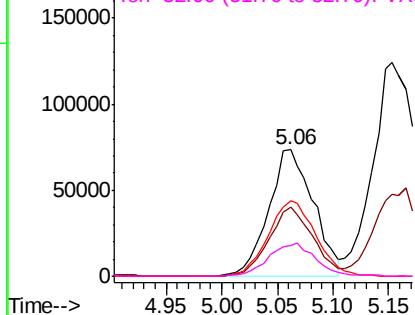
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	42.2	63.2	
67	63.9	53.4	80.0	
52	27.6	23.4	35.2	

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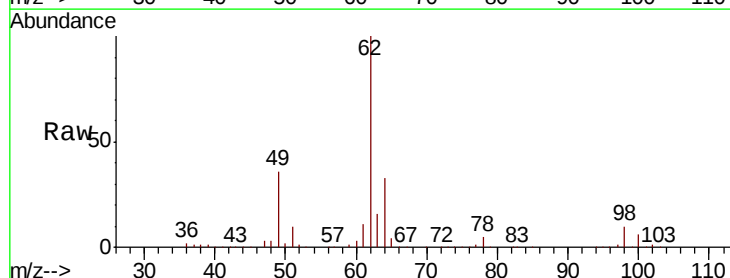


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

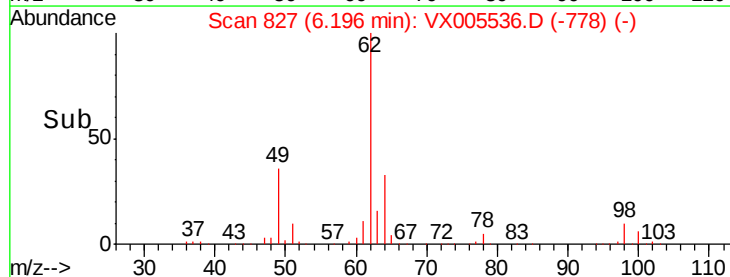
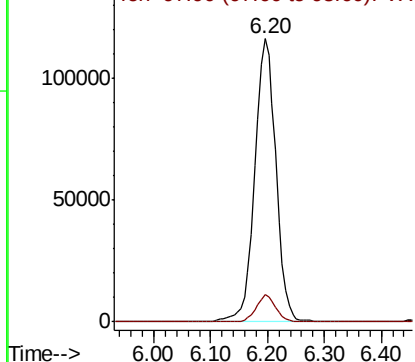


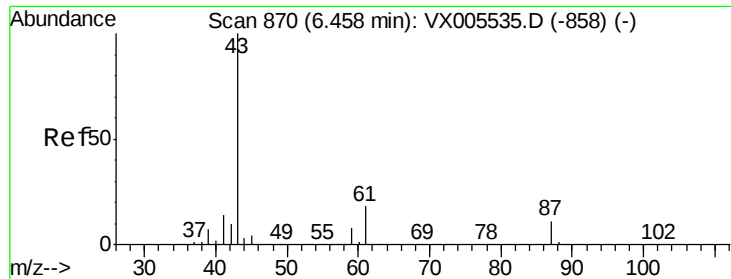
#42
1,2-Dichloroethane
Concen: 91.807 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

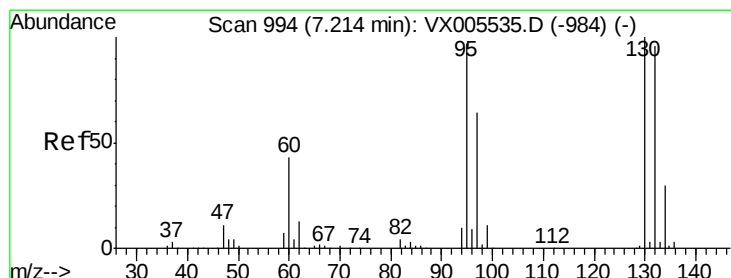
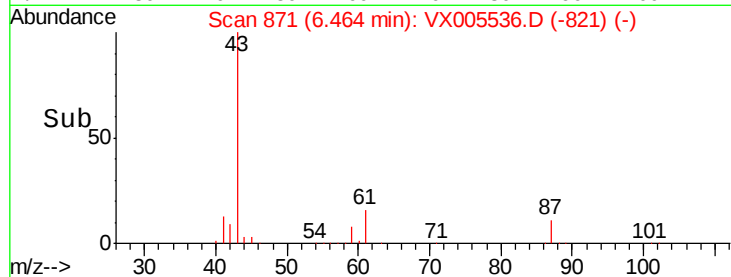
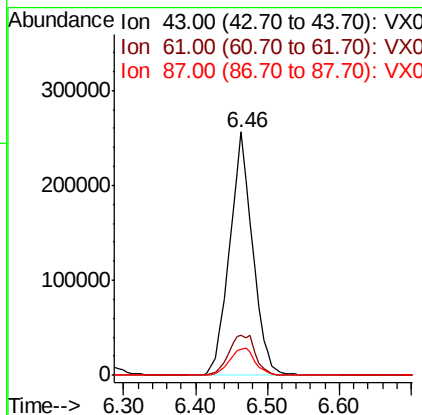
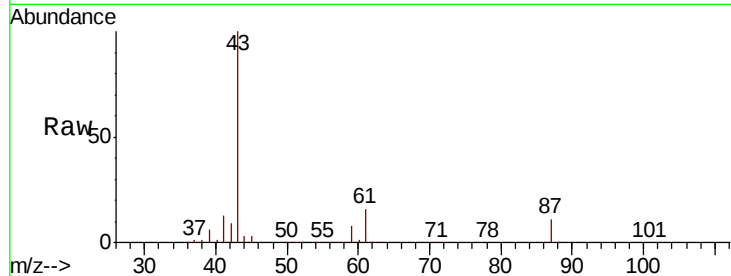
Isopropyl Acetate
 Concen: 99.602 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.6	22.0
87	12.4	9.6	14.4

Manual Integrations
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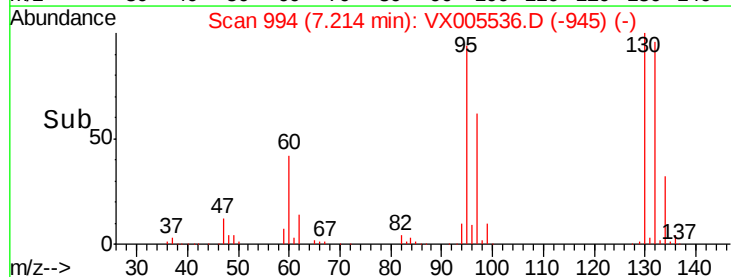
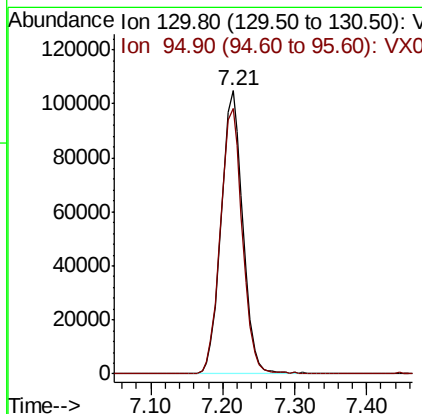
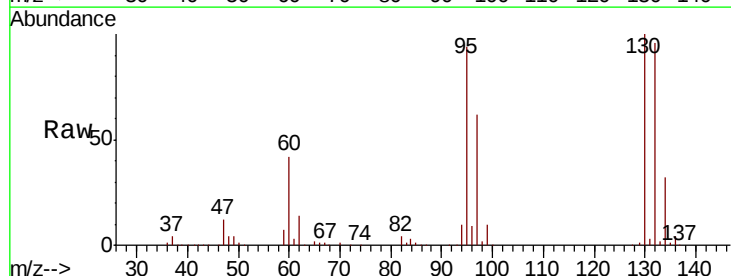
MMDadoda
 10/26/2018 11:53:15 AM

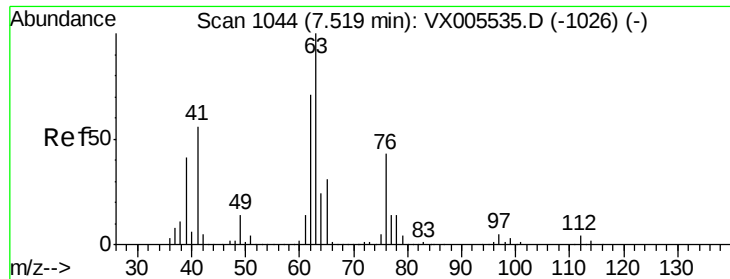


#44

Trichloroethene
 Concen: 94.249 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	194.2





#45

1,2-Dichloropropane

Concen: 94.072 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 216493

Ion Ratio Lower Upper

63 100

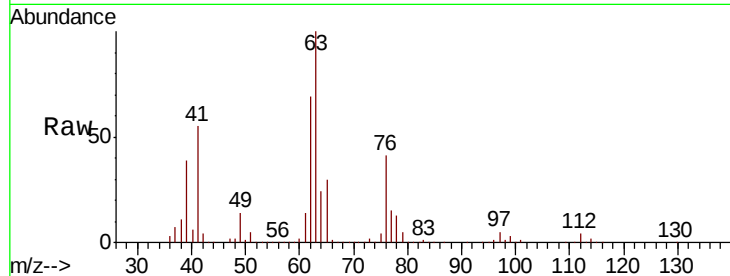
65 29.9 24.8 37.2

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

120000

100000

80000

60000

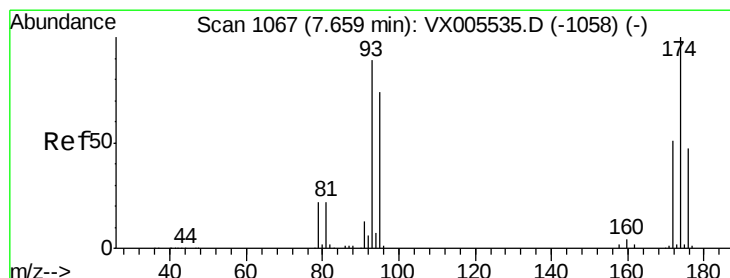
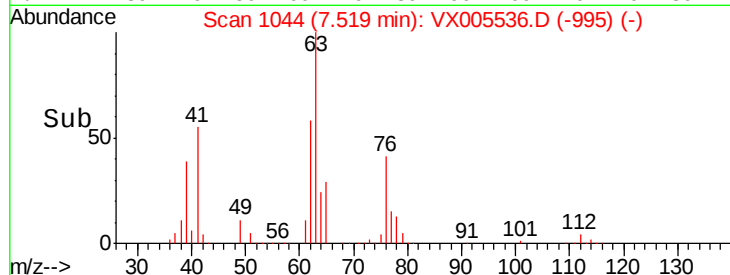
40000

20000

0

7.30 7.40 7.50 7.60 7.70

Time-->



#46

Dibromomethane

Concen: 93.648 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

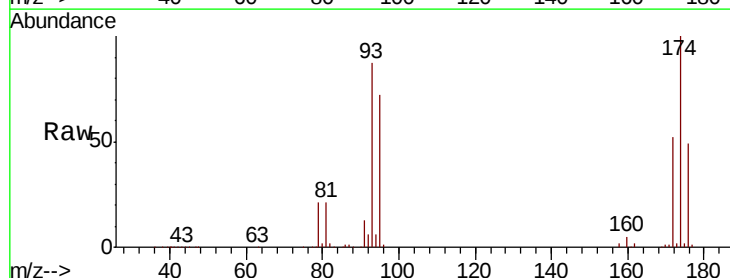
Tgt Ion: 93 Resp: 139195

Ion Ratio Lower Upper

93 100

95 83.3 67.4 101.0

174 114.6 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

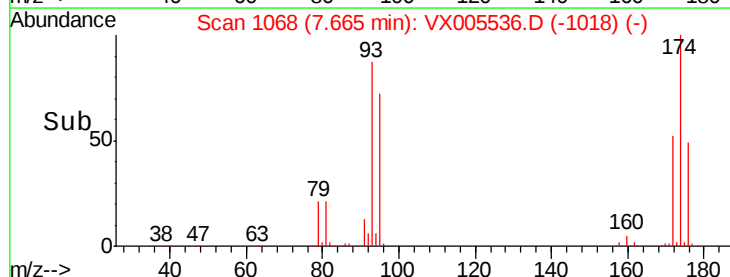
40000

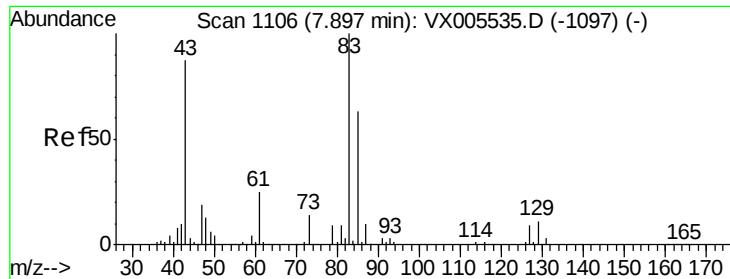
20000

0

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 96.062 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

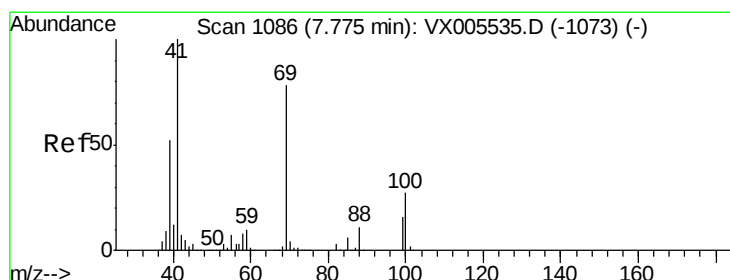
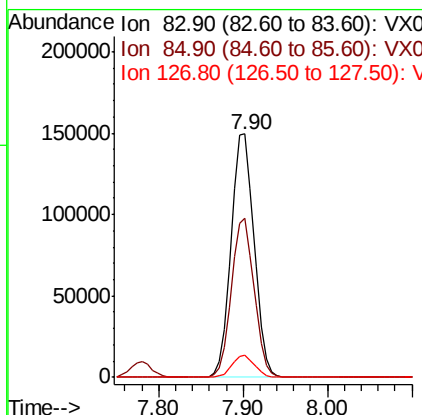
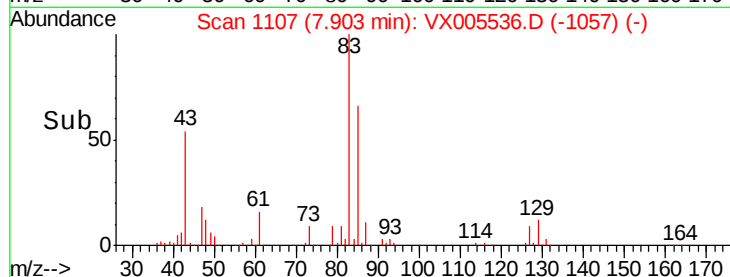
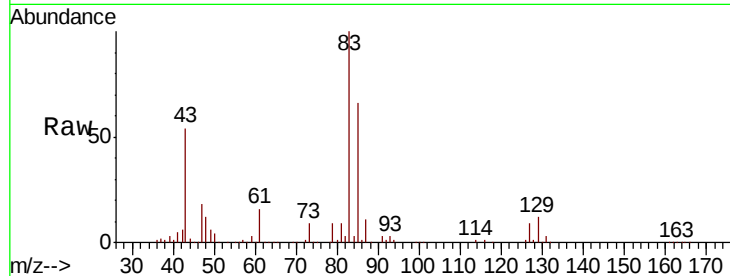
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	277123
Ion Ratio	Lower	Upper	
83	100		
85	65.6	50.2	75.4
127	9.0	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 105.296 ug/l

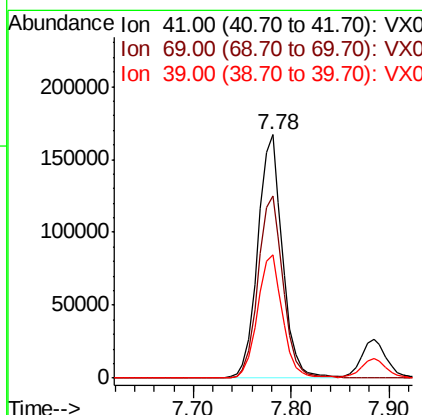
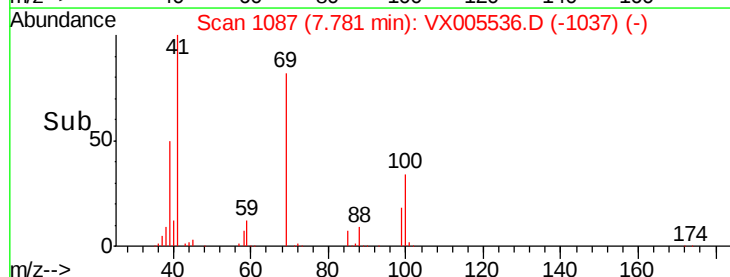
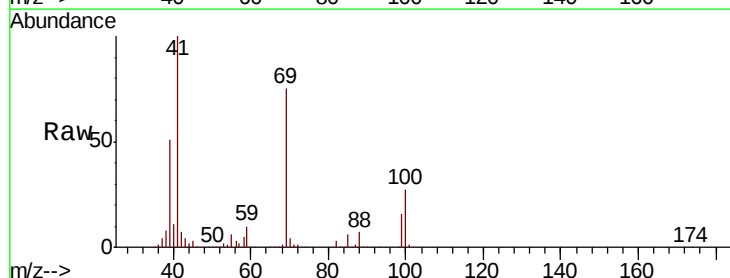
RT: 7.78 min Scan# 1087

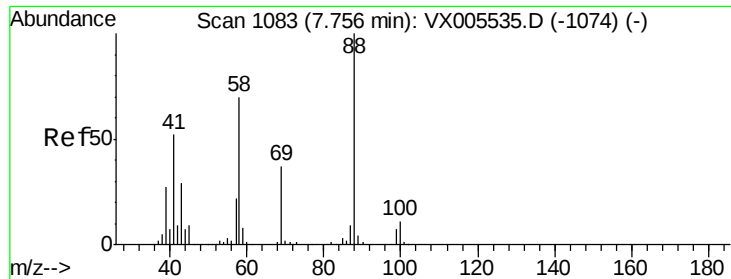
Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion:	41	Resp:	292907
Ion Ratio	Lower	Upper	
41	100		
69	76.9	63.2	94.8
39	51.5	42.2	63.2





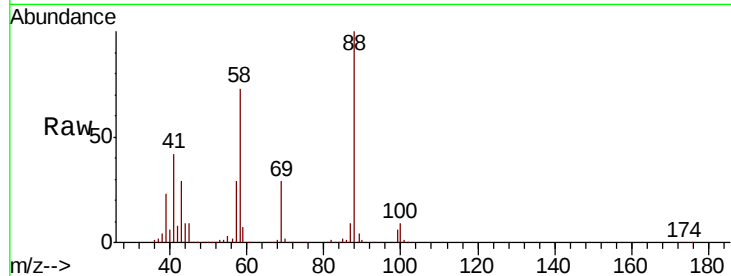
#49
1,4-Dioxane
Concen: 2037.838 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.4	41.0
58	75.2	59.4	89.2

Manual Integrations
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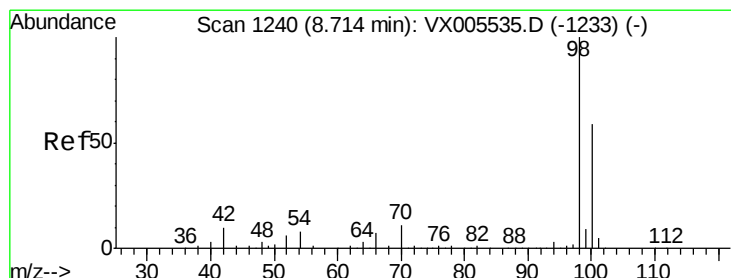
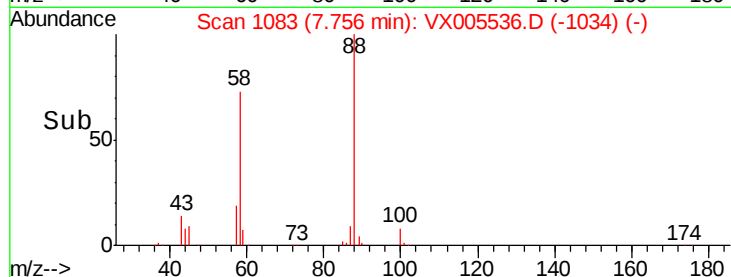
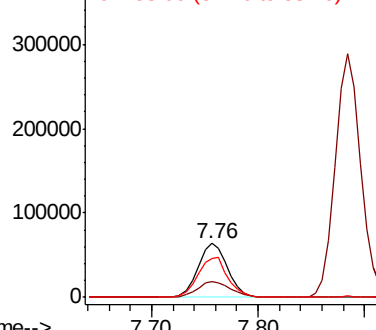


Abundance

Ion 88.00 (87.70 to 88.70): VX0

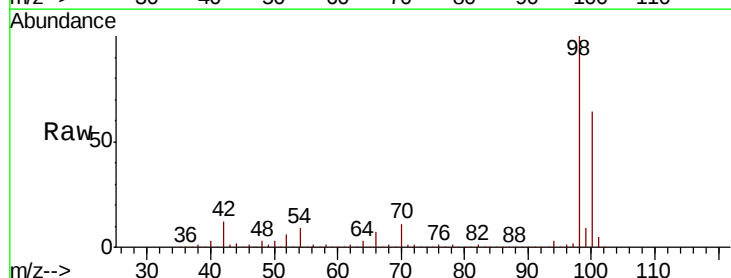
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 102.096 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

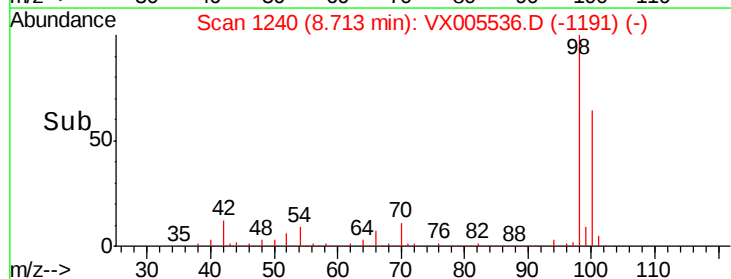
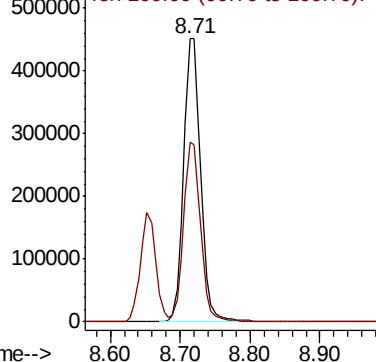
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.3	76.9

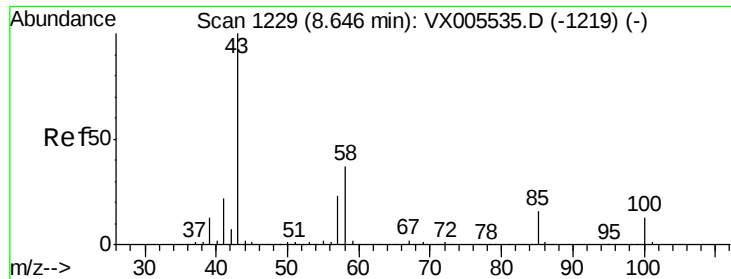


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 514.062 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1972734

Ion Ratio Lower Upper

43 100

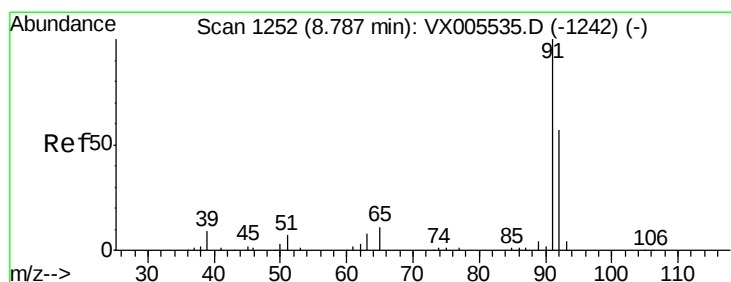
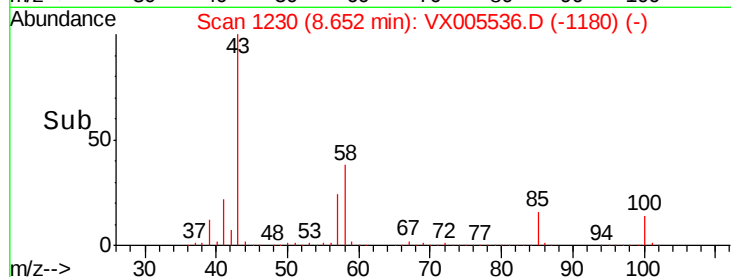
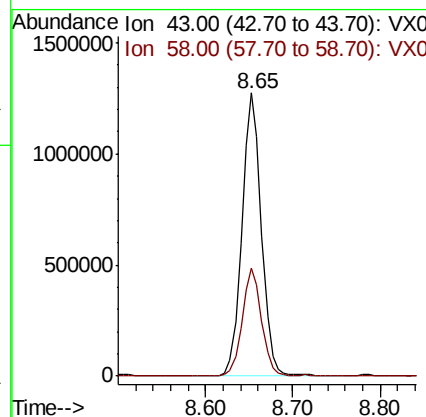
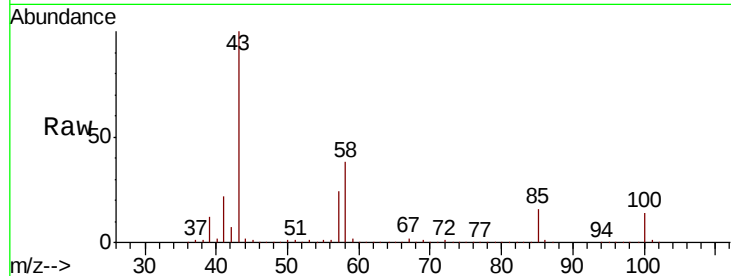
58 37.5 29.7 44.5

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#52

Toluene

Concen: 98.562 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005536.D

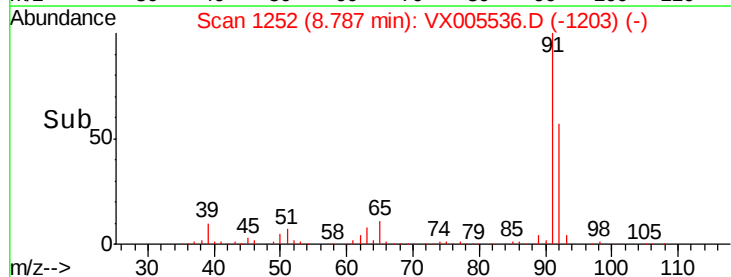
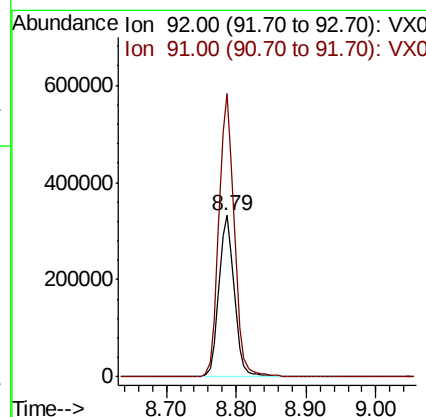
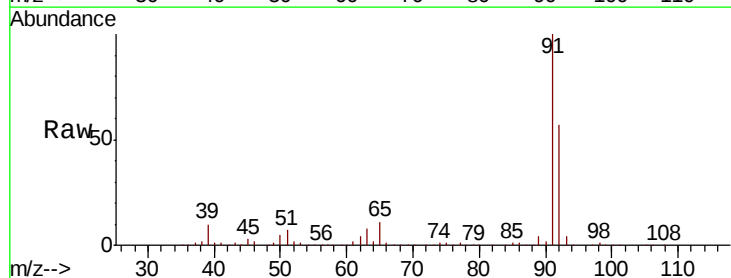
Acq: 24 Oct 2018 12:25

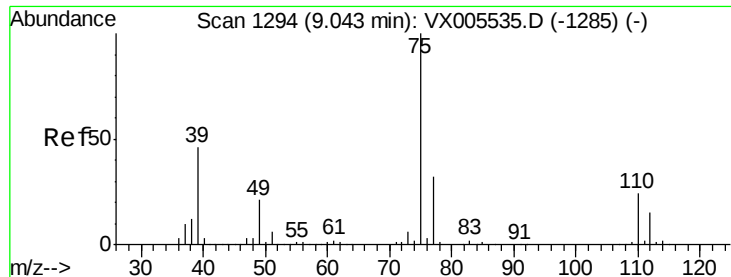
Tgt Ion: 92 Resp: 512753

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 105.279 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tot Ion: 75 Resp: 328243

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

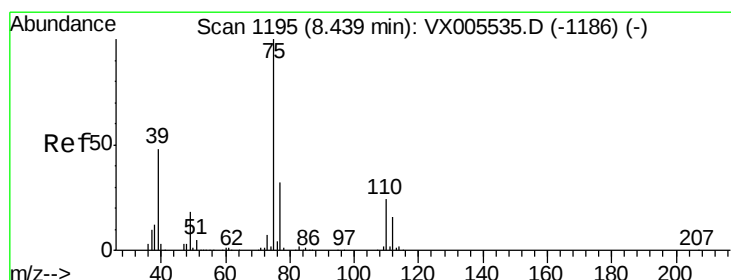
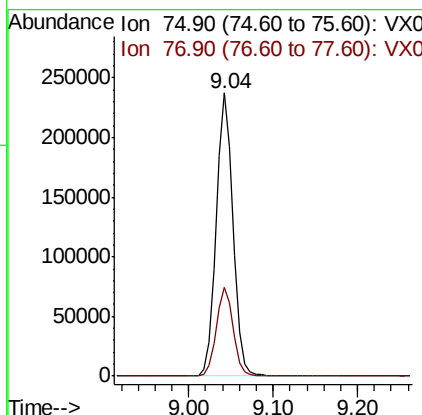
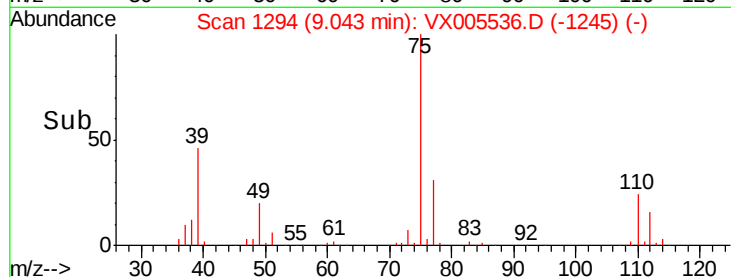
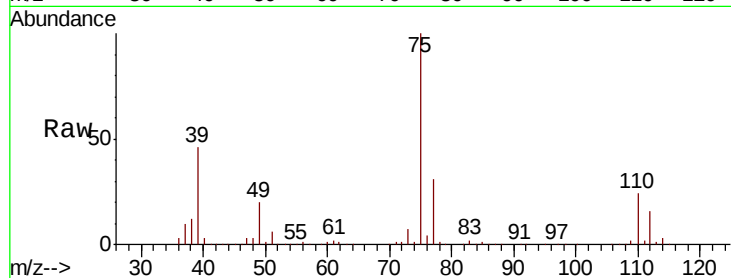
VSTDIC100

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 102.093 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

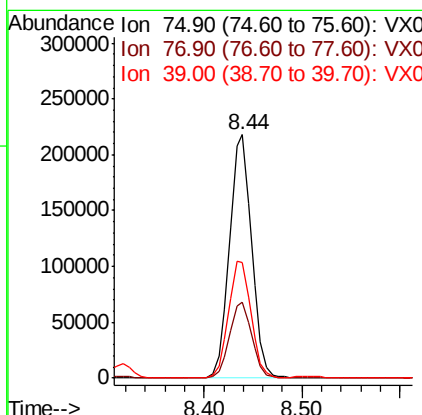
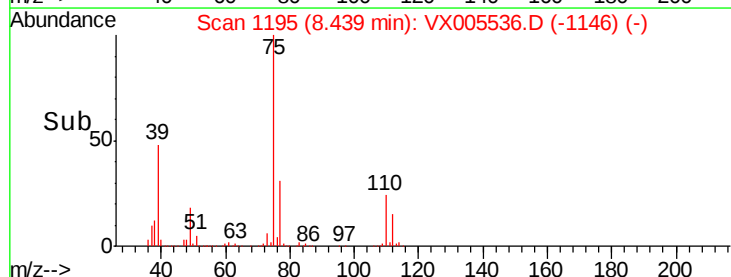
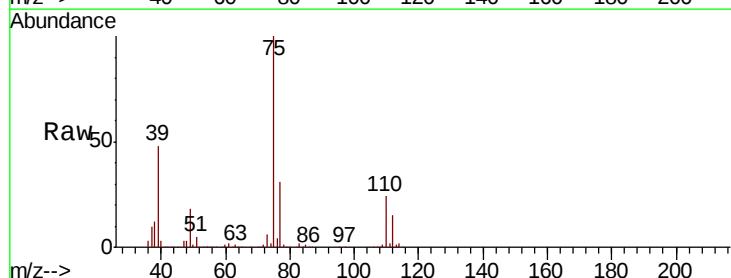
Tgt Ion: 75 Resp: 342702

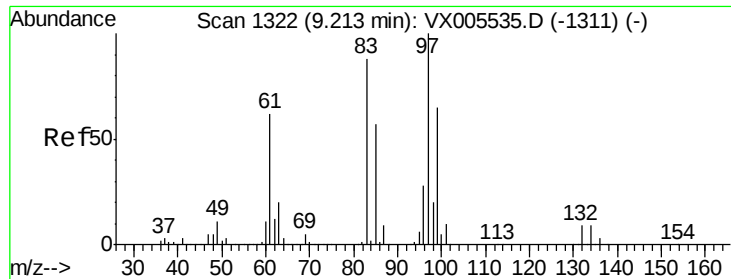
Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

39 47.6 38.2 57.2





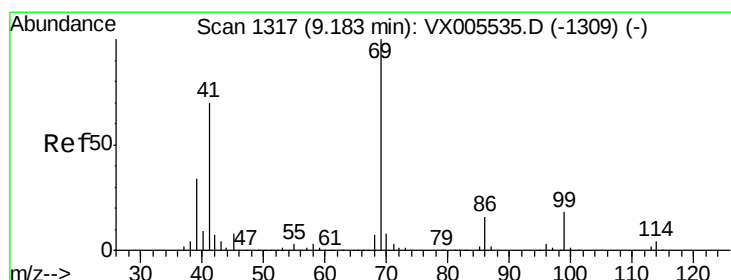
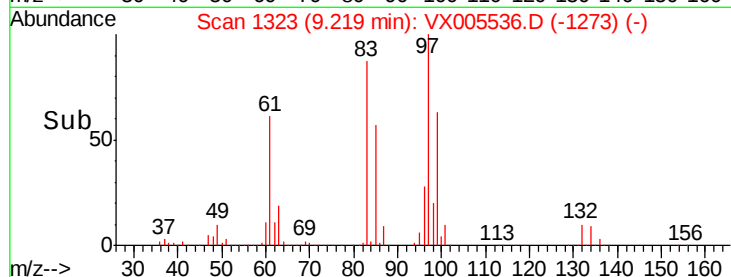
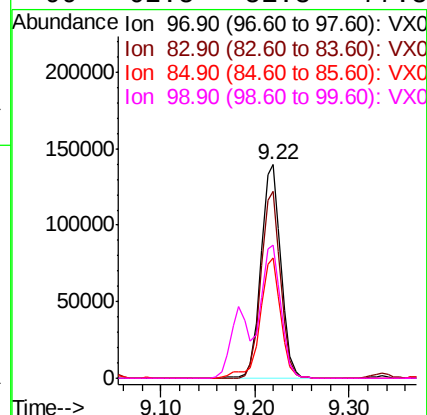
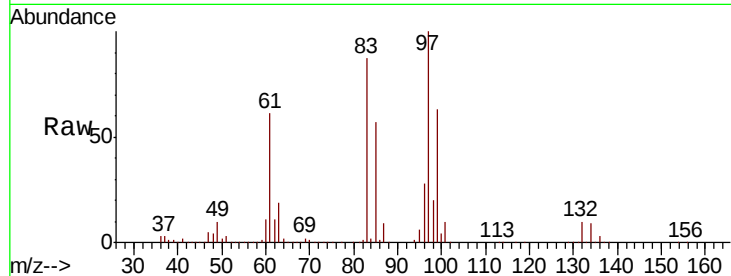
#55
 1,1,2-Trichloroethane
 Concen: 95.171 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	87.3	70.7	106.1	
85	56.6	45.8	68.6	
99	62.5	51.8	77.8	

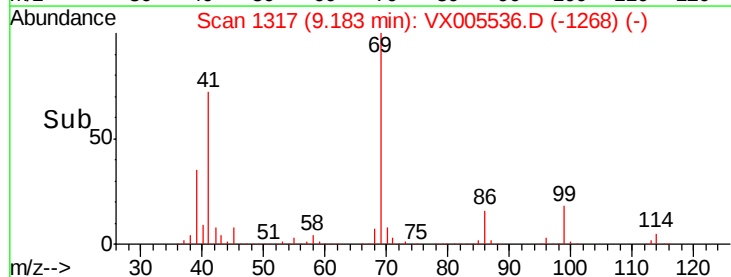
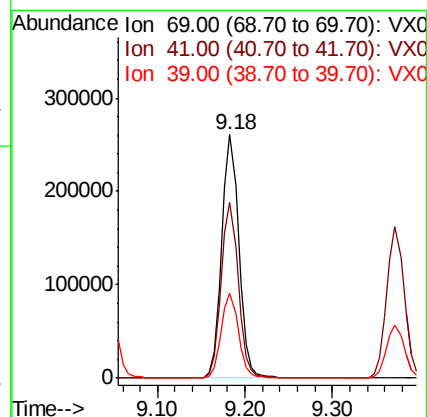
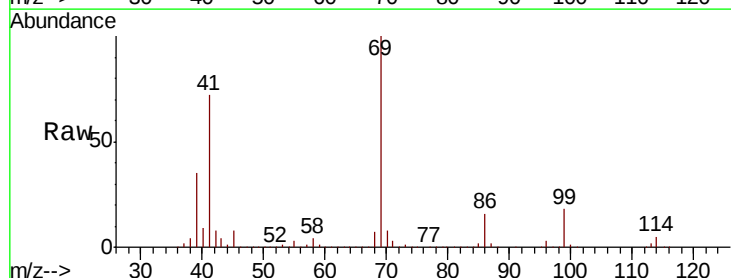
Manual Integrations
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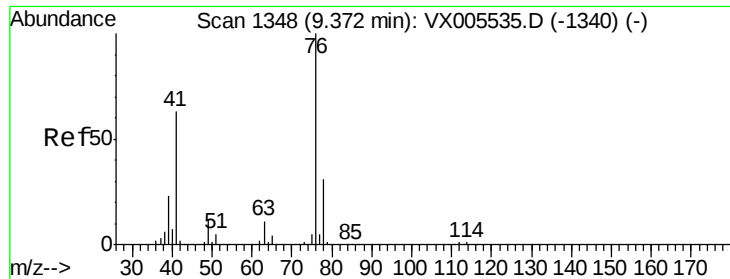
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#56
 Ethyl methacrylate
 Concen: 108.301 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	71.7	57.0	85.6	
39	34.9	28.3	42.5	





#57

1,3-Dichloropropane

Concen: 95.684 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 355100

Ion Ratio Lower Upper

76 100

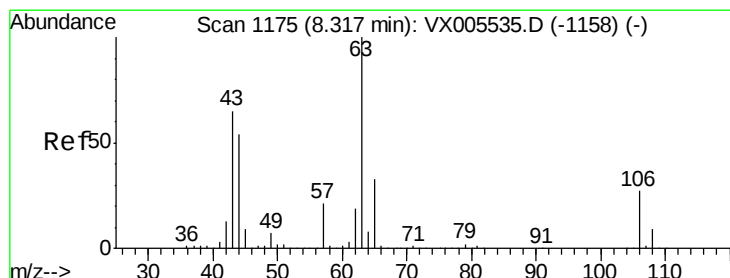
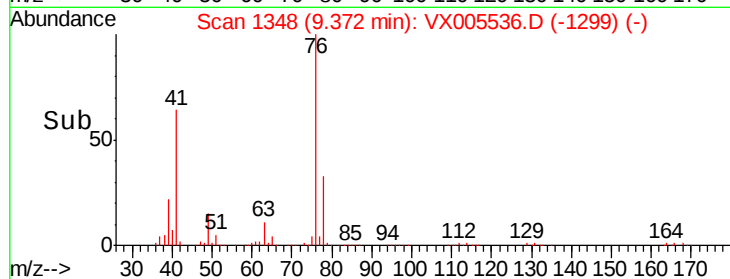
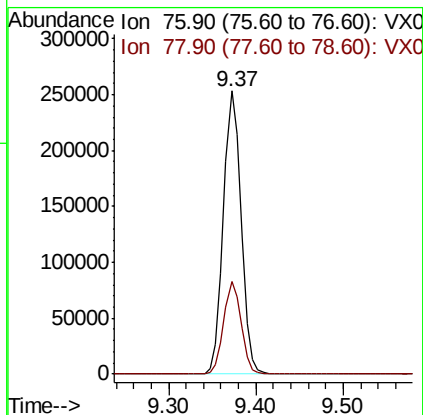
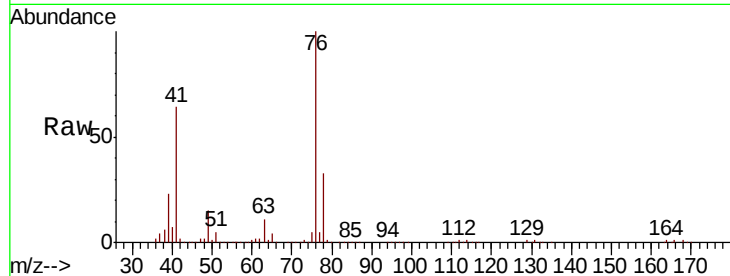
78 32.3 25.3 37.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 532.863 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005536.D

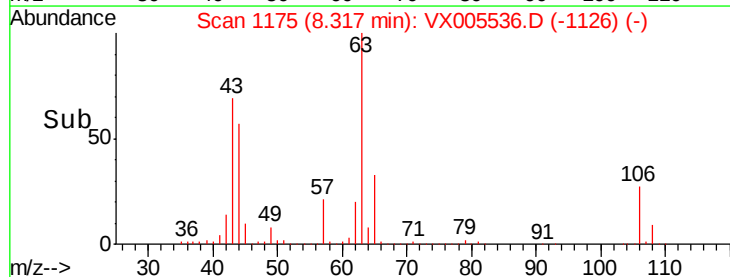
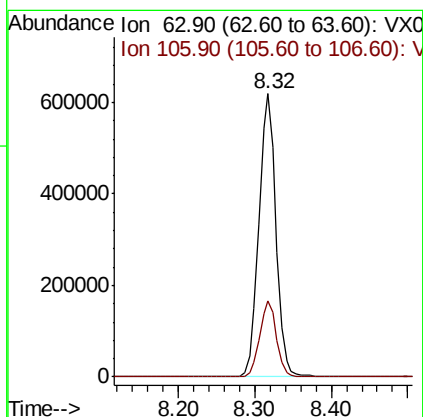
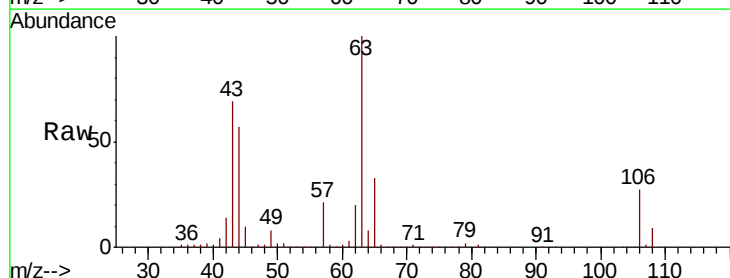
Acq: 24 Oct 2018 12:25

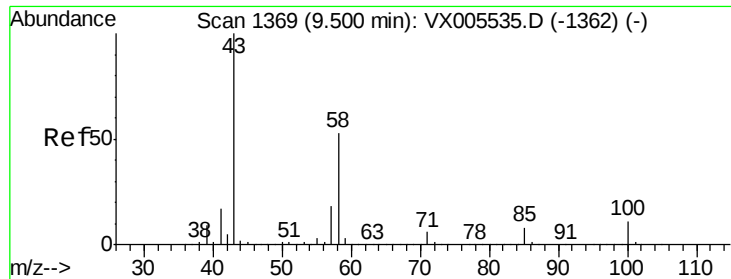
Tgt Ion: 63 Resp: 973642

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9





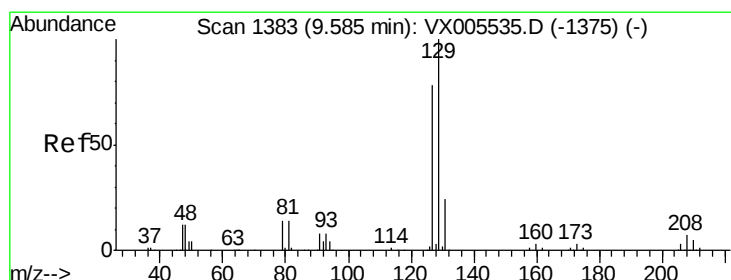
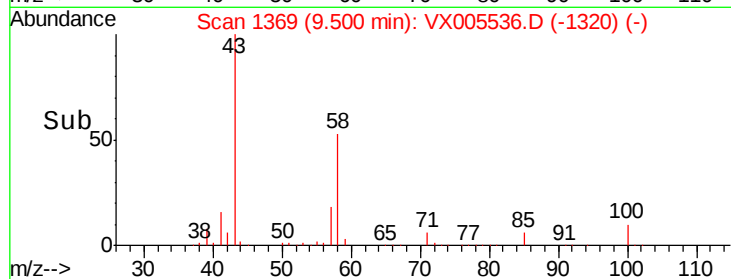
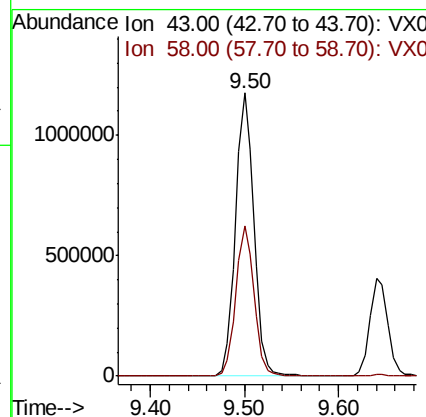
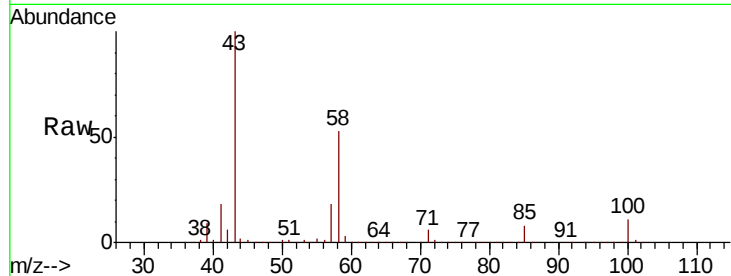
#59
2-Hexanone
Concen: 526.454 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1592896
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8

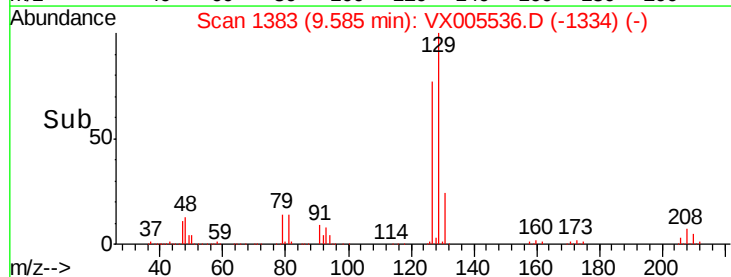
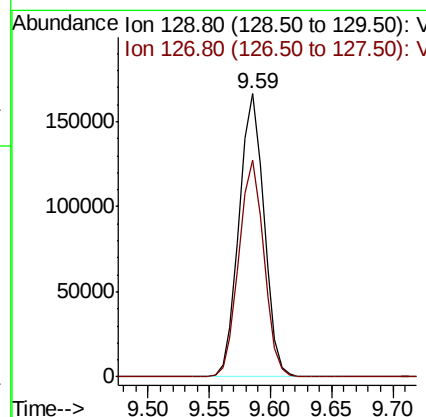
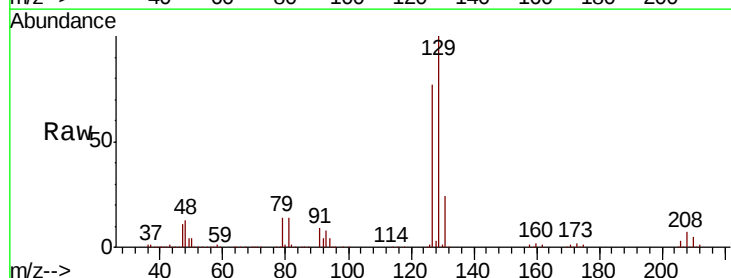
Manual Integrations
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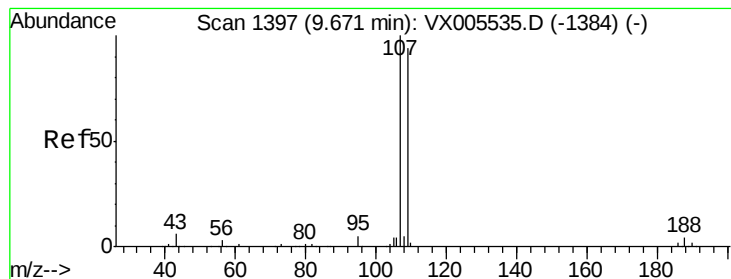
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#60
Dibromochloromethane
Concen: 102.562 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion: 129 Resp: 234701
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 98.733 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 224036

Ion Ratio Lower Upper

107 100

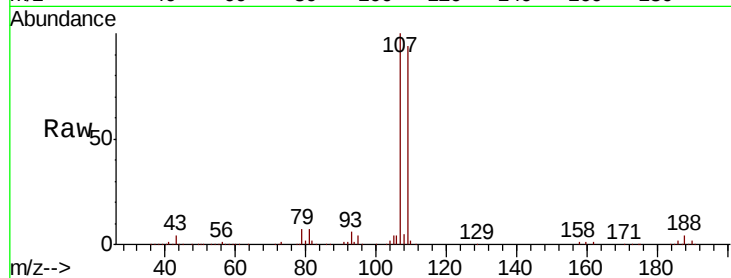
109 93.5 75.7 113.5

Manual Integrations

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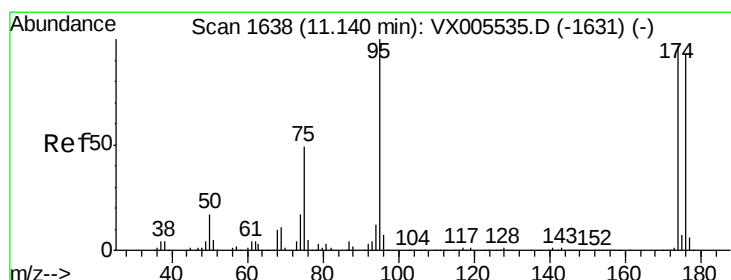
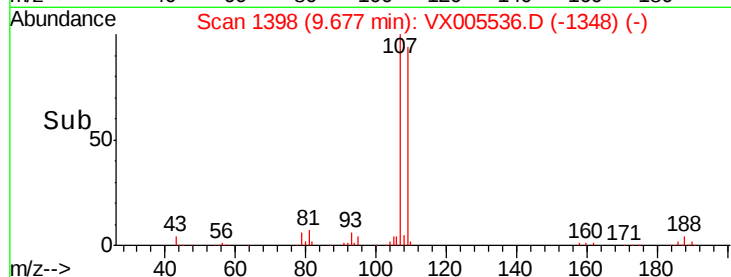
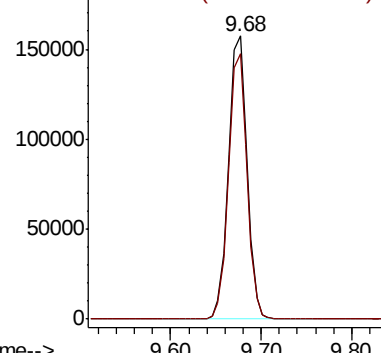
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 107.589 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

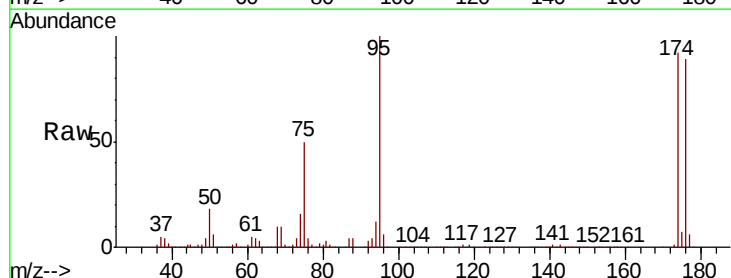
Tgt Ion: 95 Resp: 304178

Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

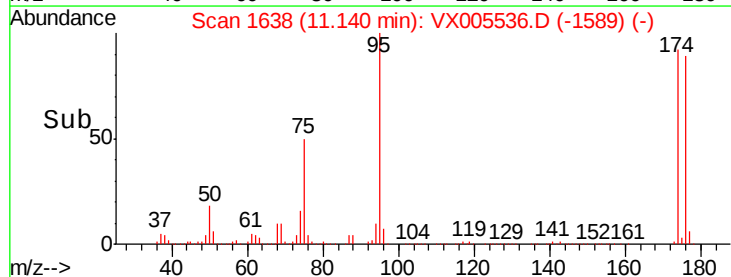
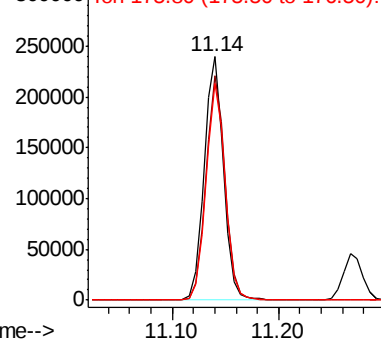
176 88.8 0.0 177.4

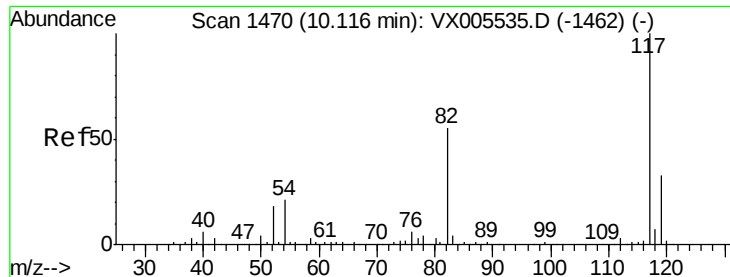


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





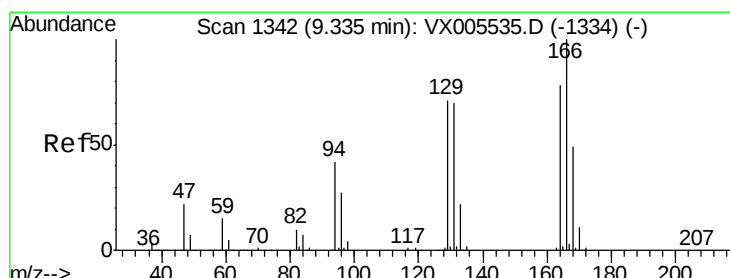
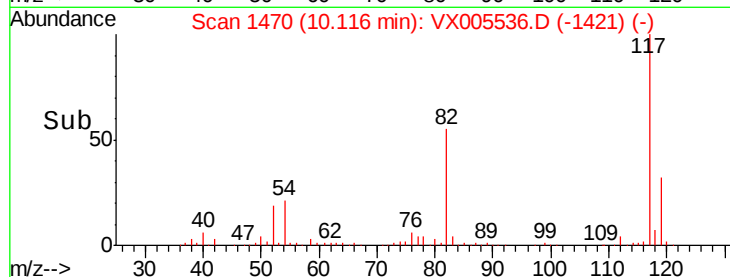
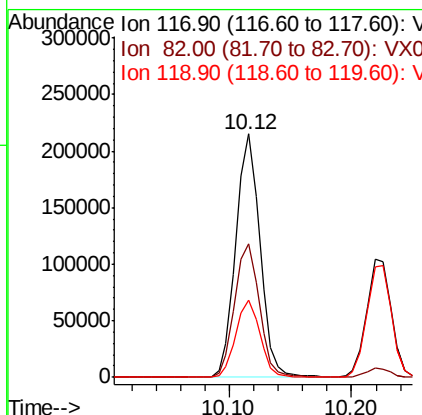
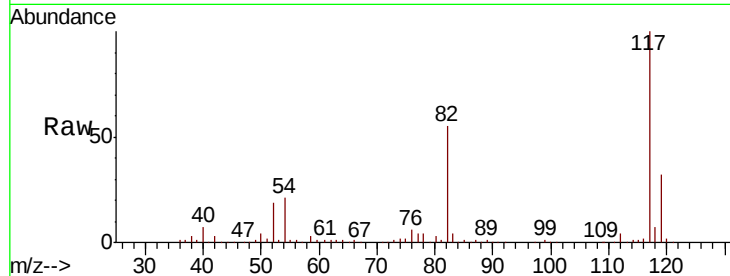
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.1	66.1
119	31.9	26.2	39.2

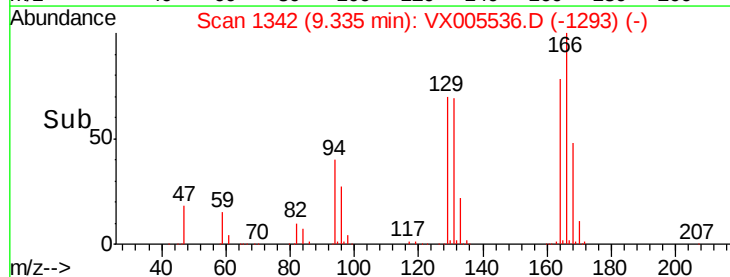
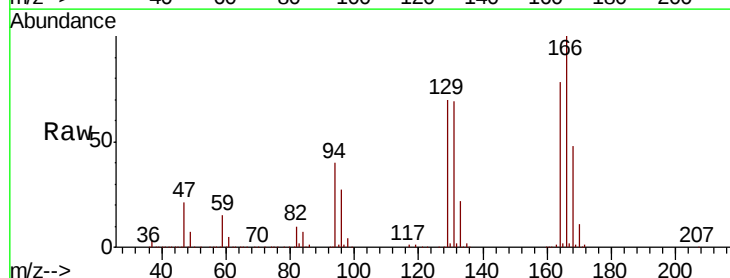
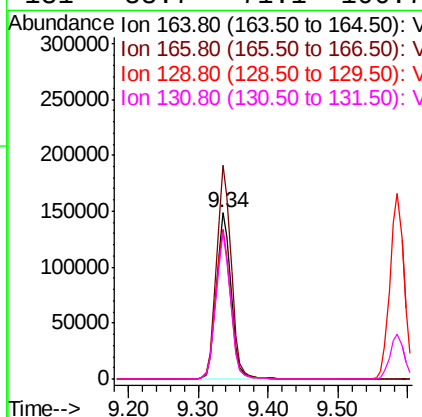
Manual Integrations
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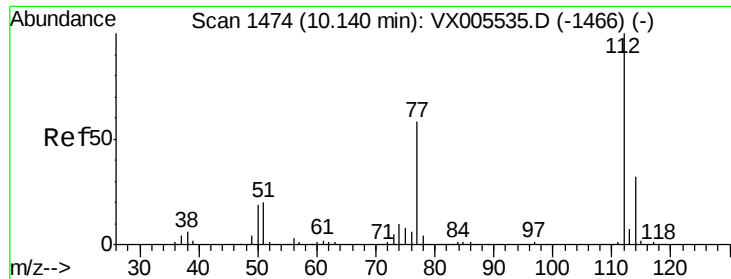
MMDadoda
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#64
Tetrachloroethene
Concen: 89.031 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.9	152.9
129	90.5	72.6	109.0
131	88.7	71.1	106.7





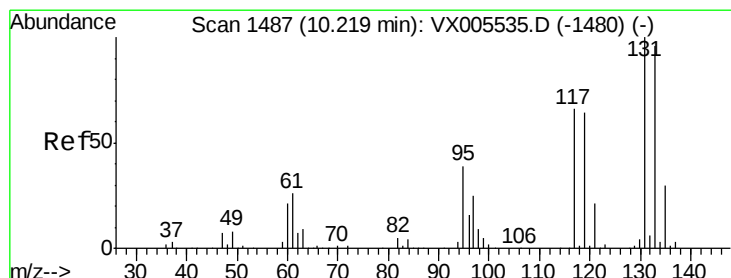
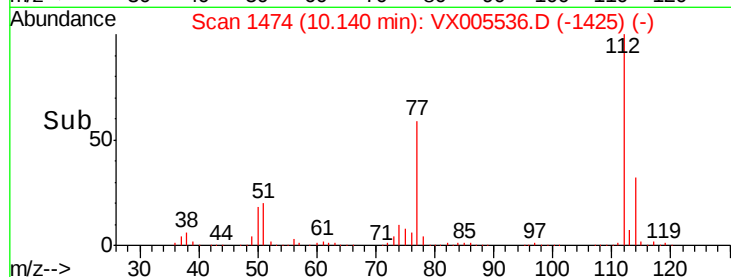
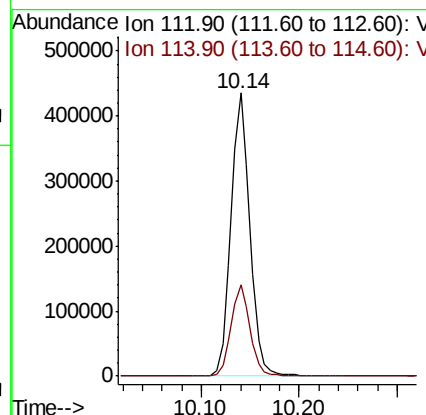
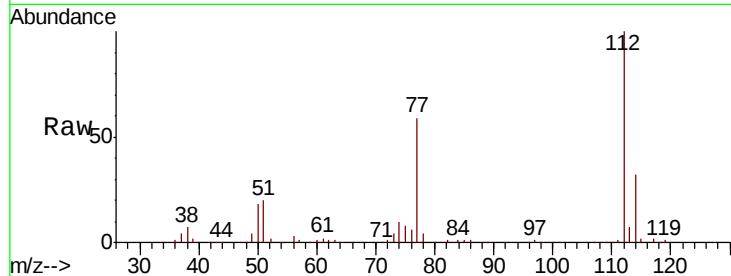
#65
Chlorobenzene
Concen: 93.017 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 584106
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

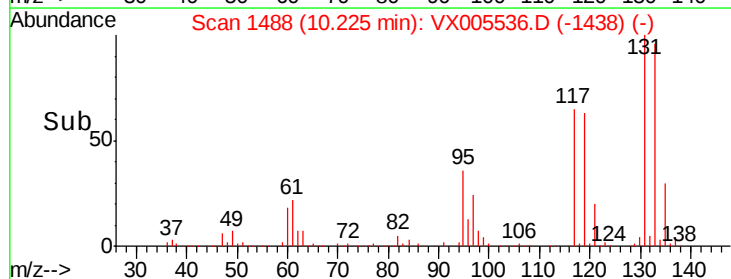
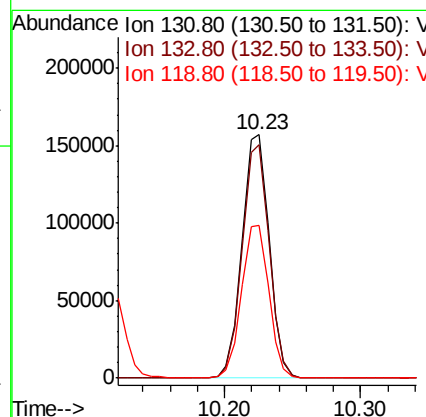
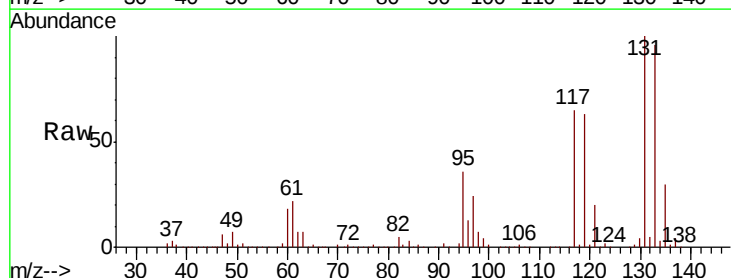
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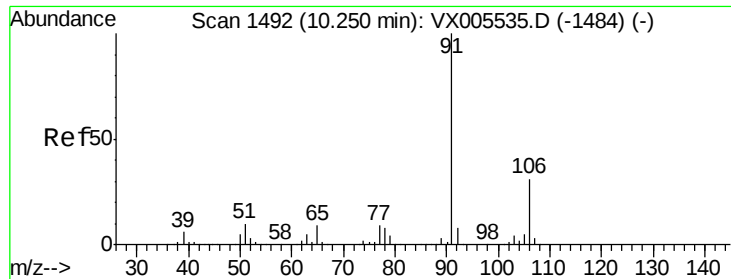
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#66
1,1,1,2-Tetrachloroethane
Concen: 95.710 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion:131 Resp: 219148
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 63.4 31.8 95.3





#67

Ethyl Benzene

Concen: 99.420 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1027177

Ion Ratio Lower Upper

91 100

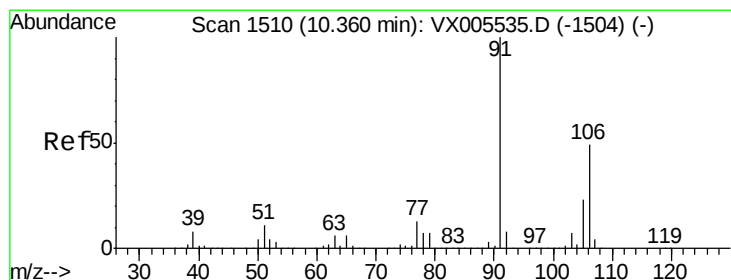
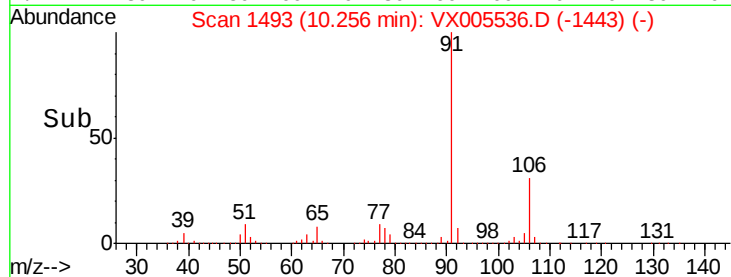
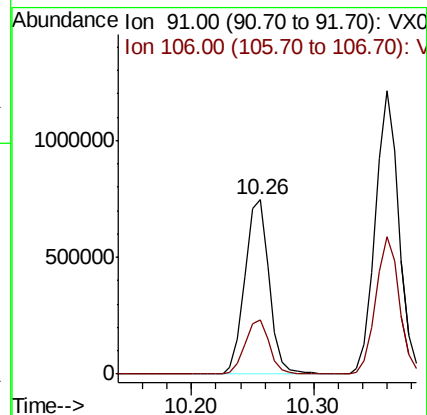
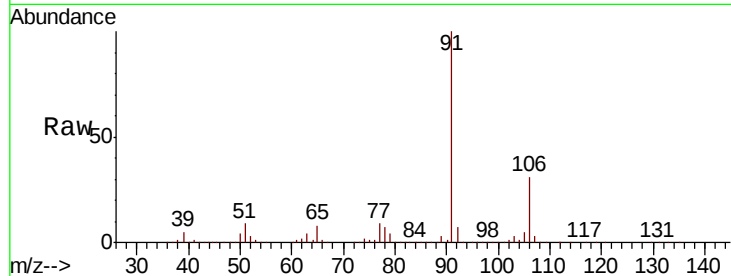
106 31.1 24.4 36.6

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#68

m/p-Xylenes

Concen: 197.613 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005536.D

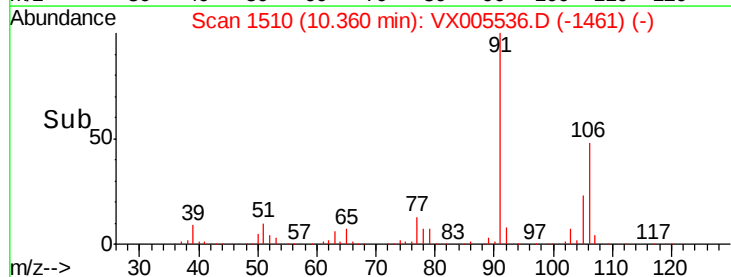
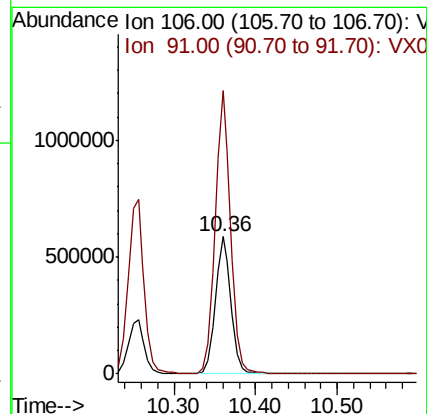
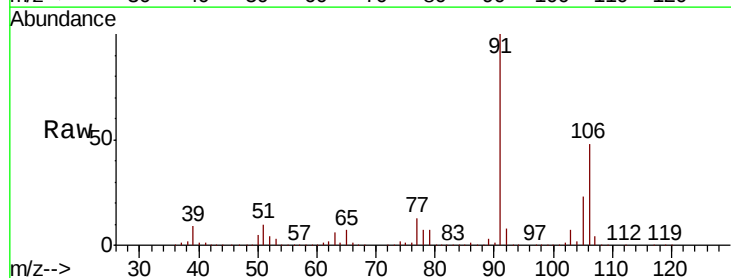
Acq: 24 Oct 2018 12:25

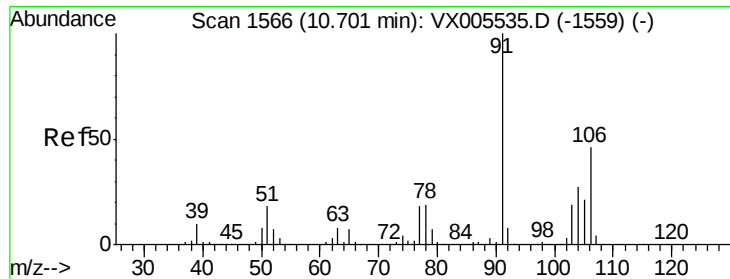
Tgt Ion: 106 Resp: 792107

Ion Ratio Lower Upper

106 100

91 204.5 164.2 246.4





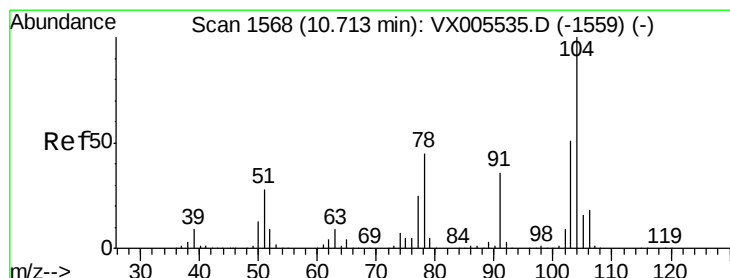
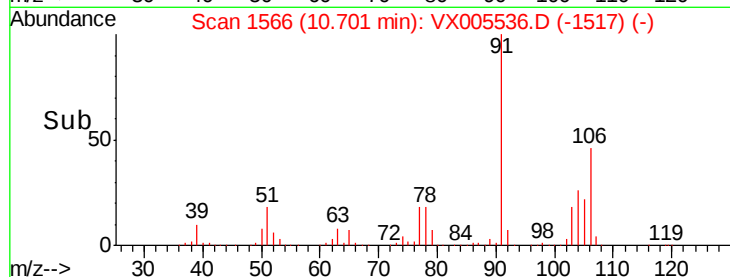
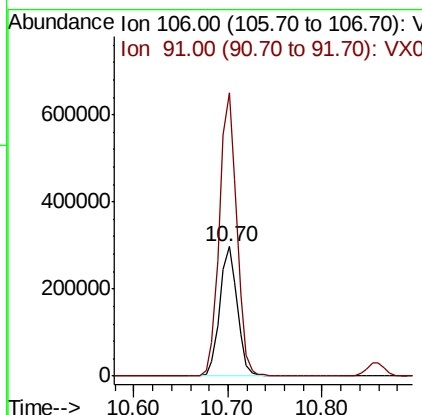
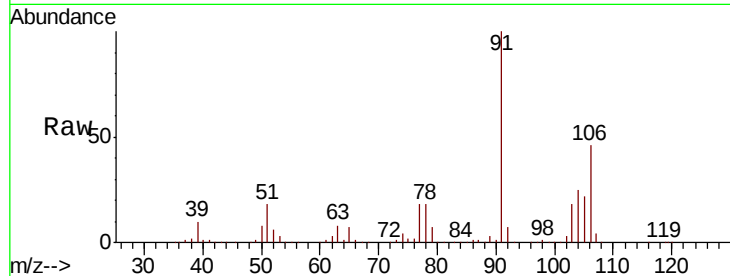
#69
o-Xylene
Concen: 101.687 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	217.2	108.5	383477	325.5	

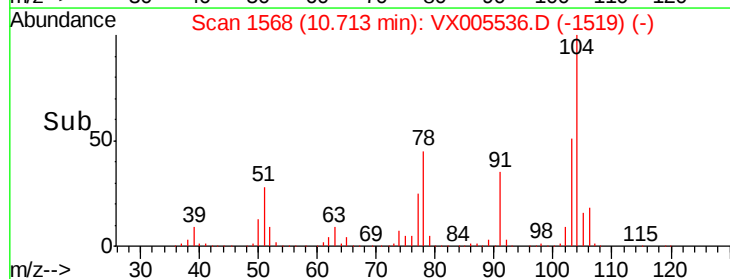
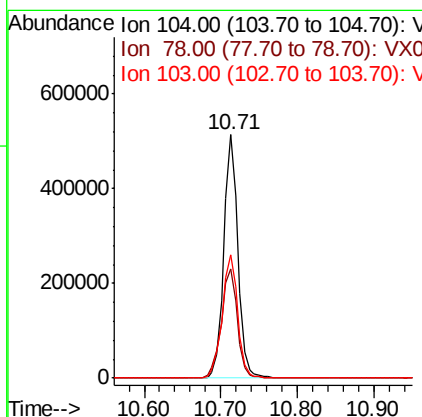
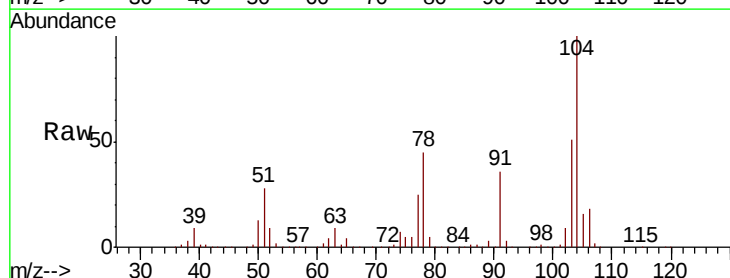
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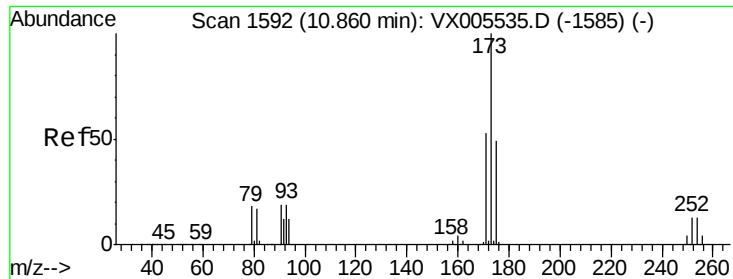
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#70
Styrene
Concen: 103.497 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	51.1	40.2	653377	60.4	
103	56.0	44.9		67.3	





#71

Bromoform

Concen: 102.498 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

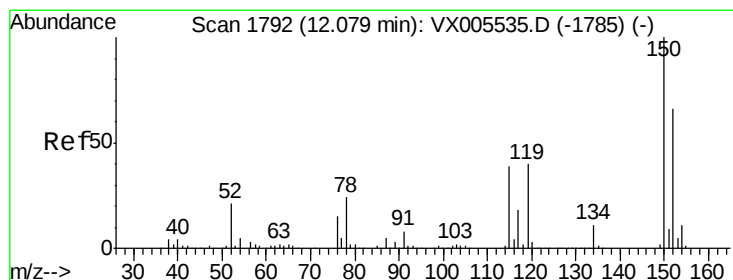
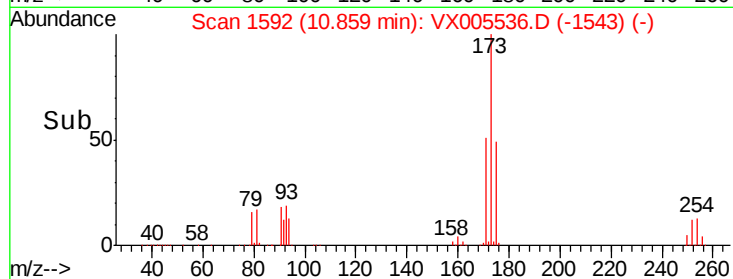
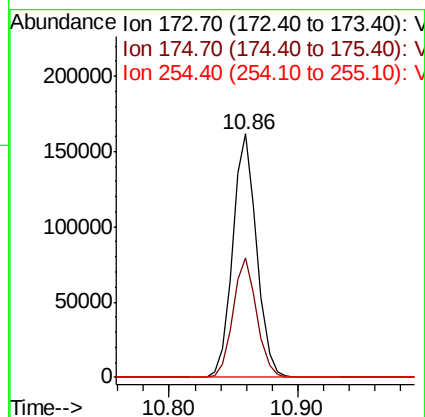
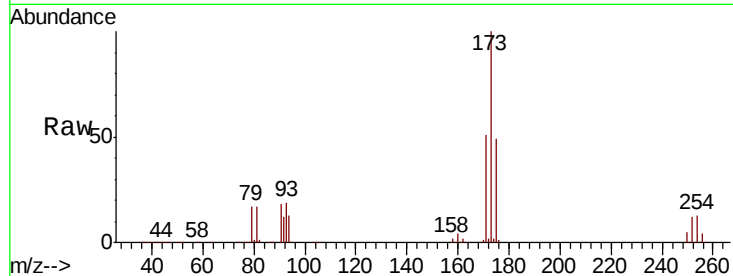
ClientSampleId :

VSTDIC100

Tot Ion:	173	Resp:	209423
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.8	74.3
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

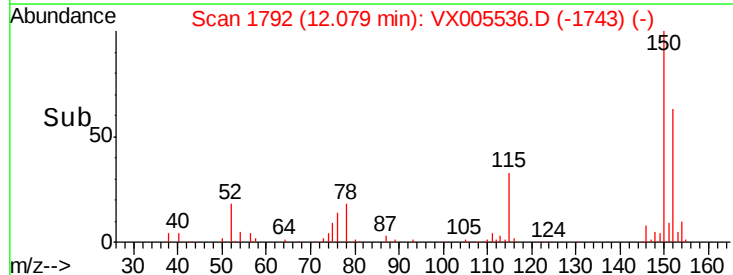
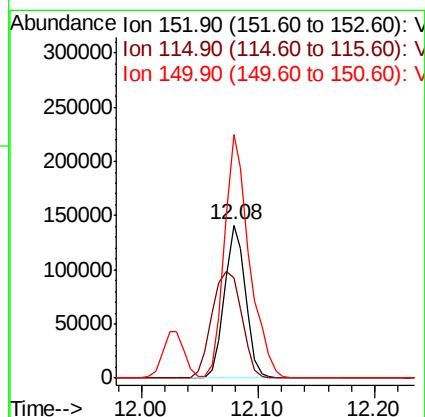
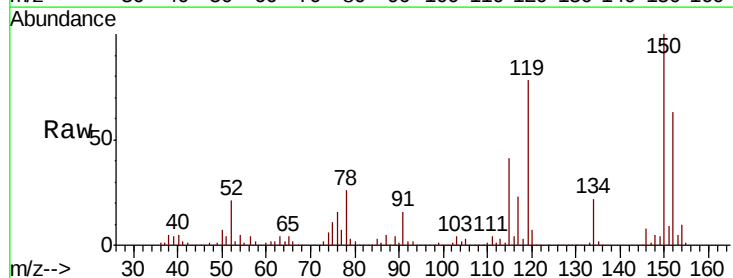
RT: 12.08 min Scan# 1792

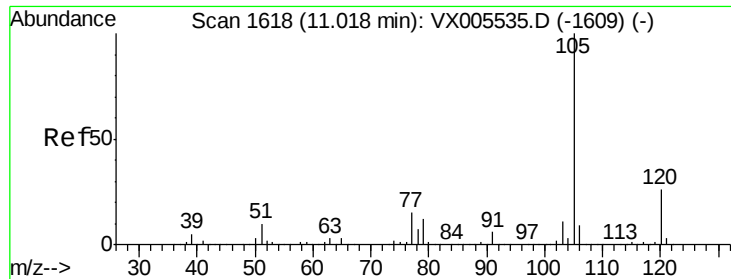
Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion:	152	Resp:	175602
Ion Ratio	Lower	Upper	
152	100		
115	99.2	39.4	118.1
150	188.2	0.0	346.4





#73

Isopropylbenzene

Concen: 97.508 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1046676

Ion Ratio Lower Upper

105 100

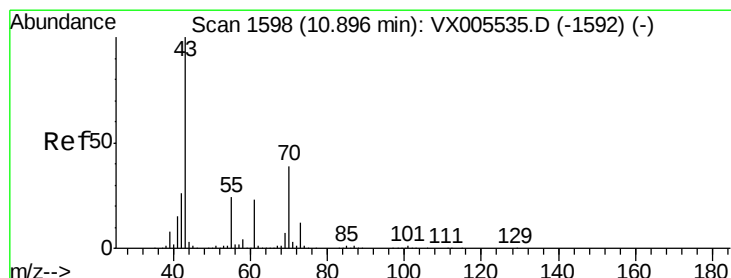
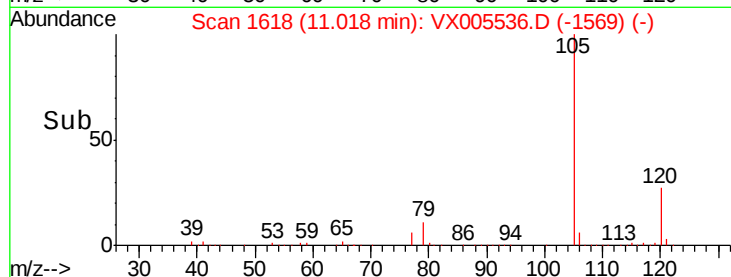
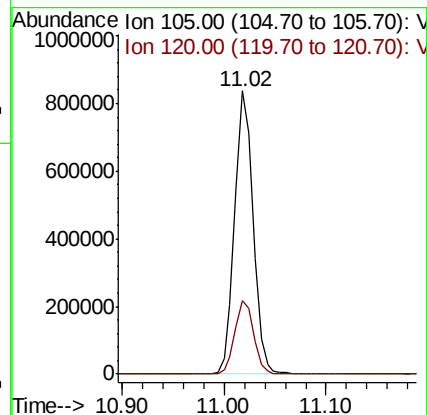
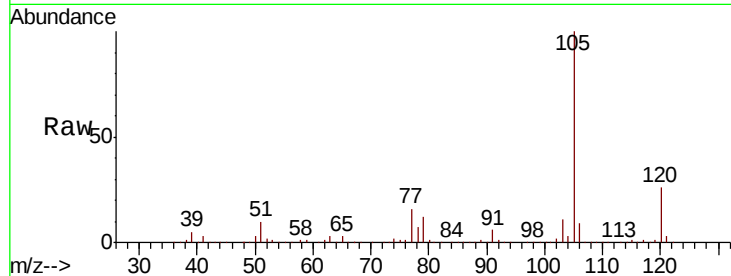
120 26.5 13.1 39.3

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#74

N-ethyl acetate

Concen: 102.772 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion: 43 Resp: 546626

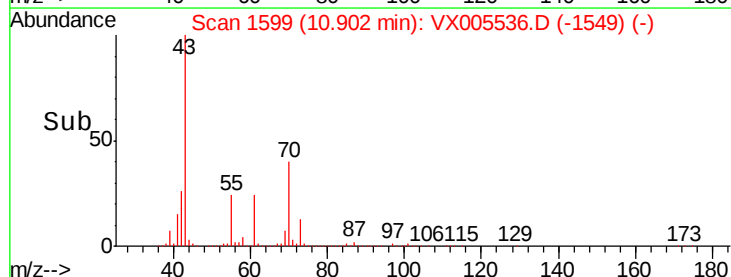
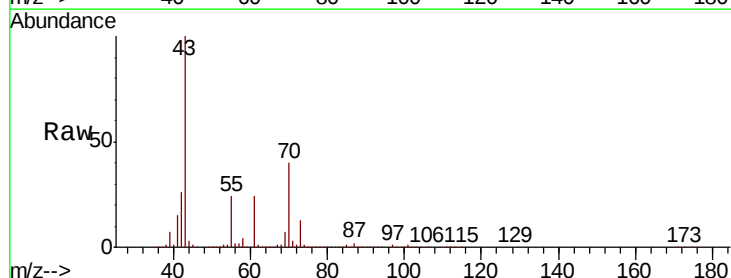
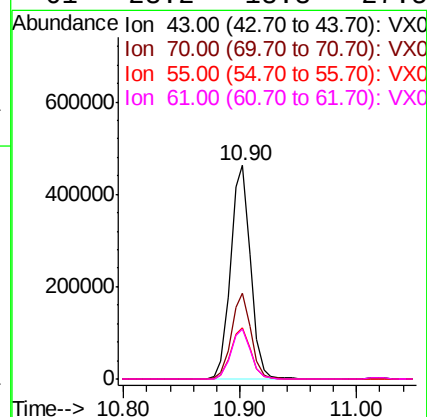
Ion Ratio Lower Upper

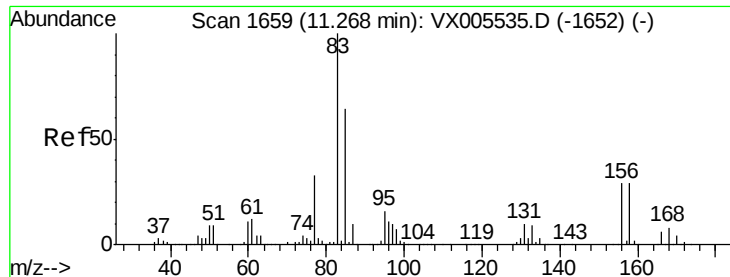
43 100

70 39.6 31.6 47.4

55 24.1 19.7 29.5

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 92.827 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

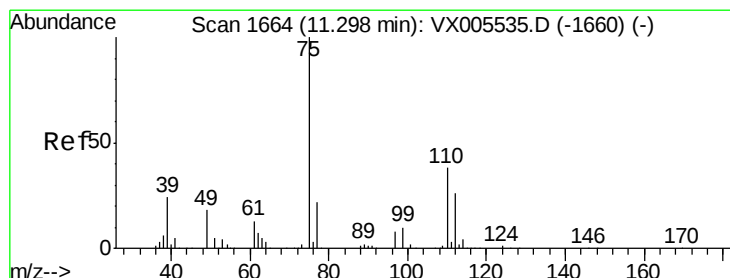
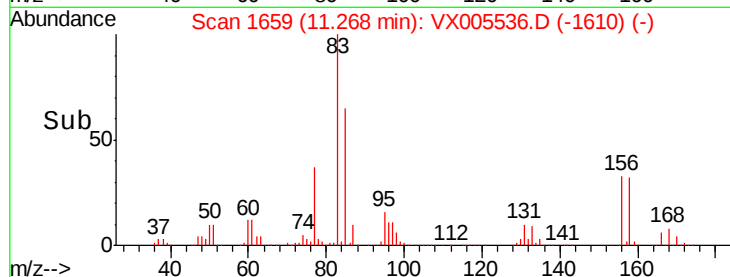
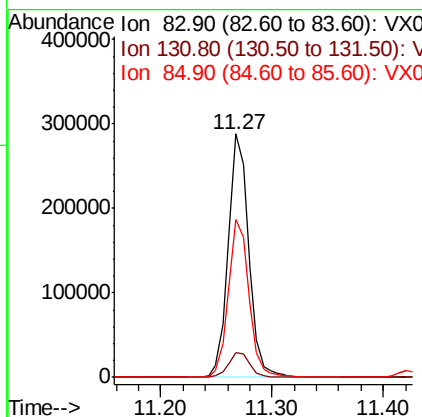
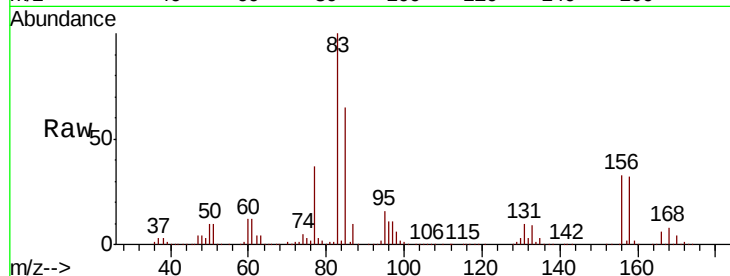
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	367613
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.9
85	65.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 94.888 ug/l m

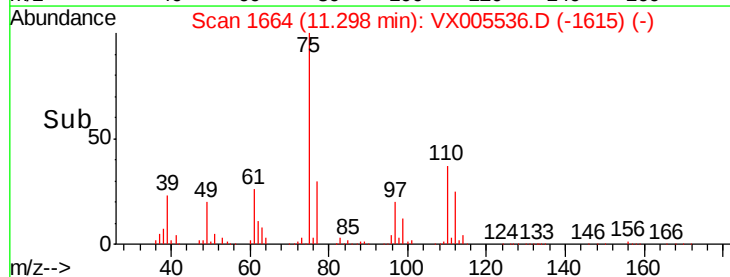
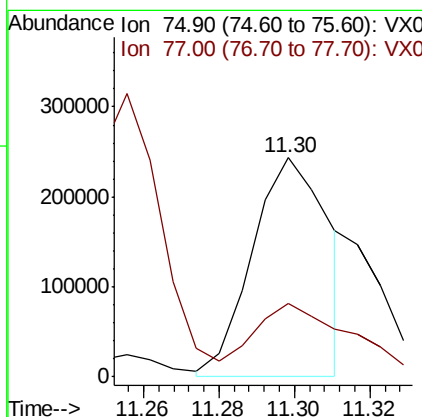
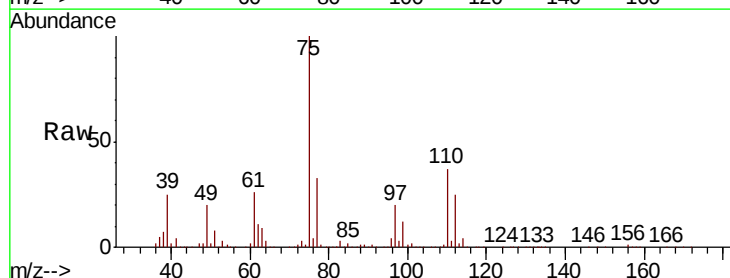
RT: 11.30 min Scan# 1664

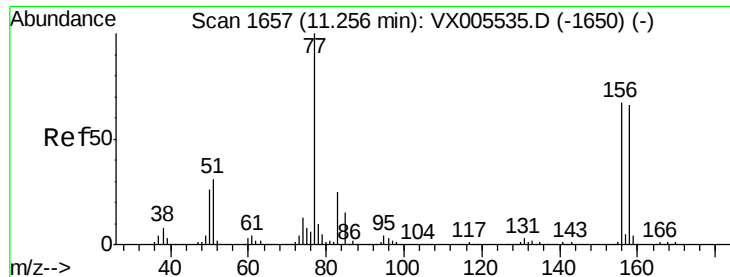
Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Tgt Ion:	75	Resp:	341437
Ion Ratio	Lower	Upper	
75	100		
77	42.7	20.5	61.6





#77

Bromobenzene

Concen: 94.332 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

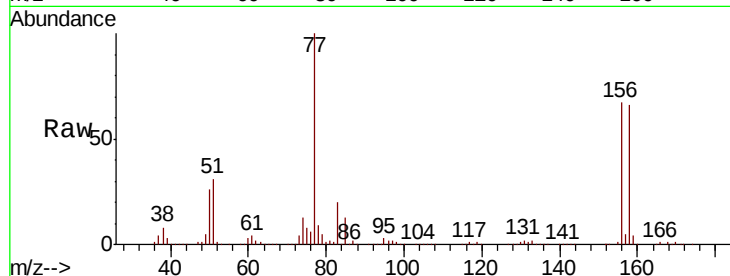
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	147.3	74.8	224.4	
158	97.9	49.1	147.3	

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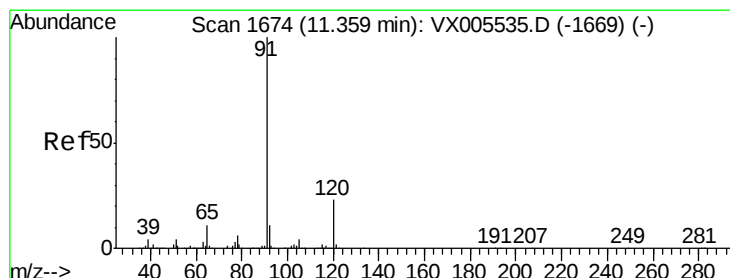
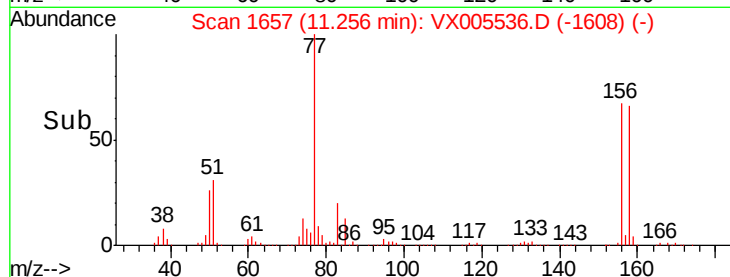
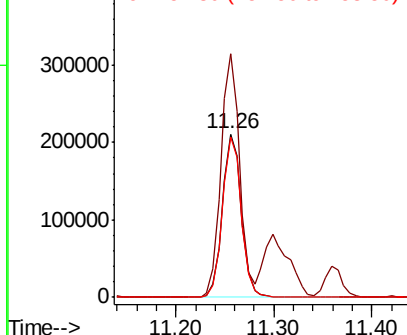


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.565 ug/l

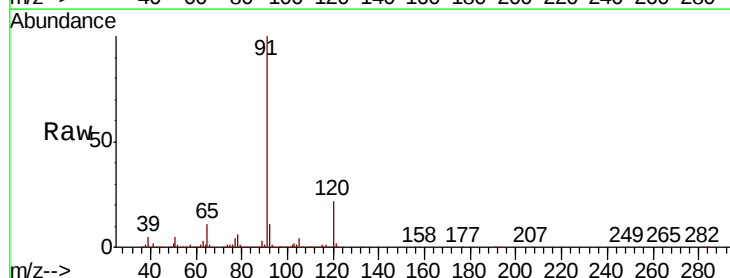
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

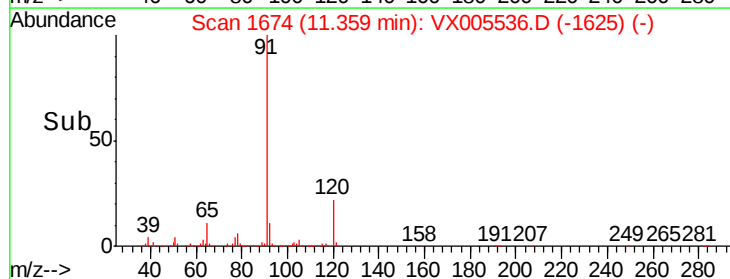
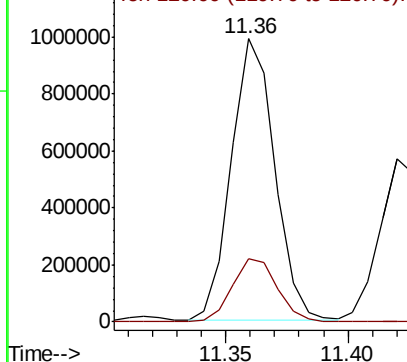
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.5	11.9	35.5	

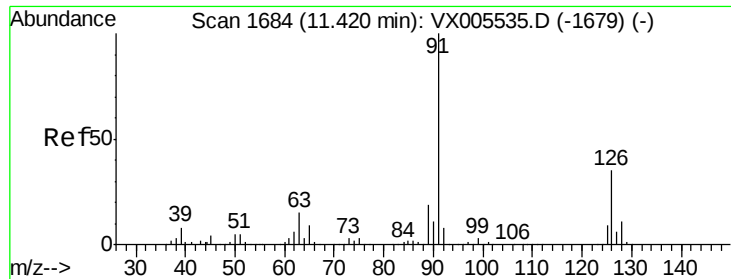


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 95.754 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 91 Resp: 728723

Ion Ratio Lower Upper

91 100

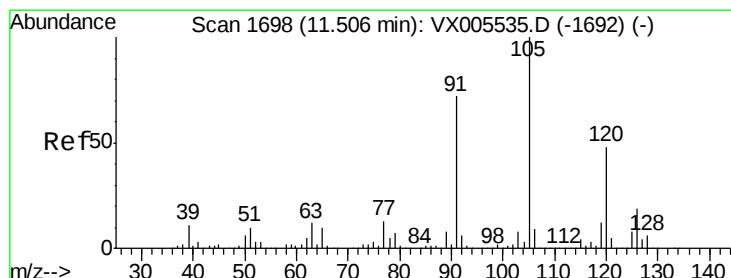
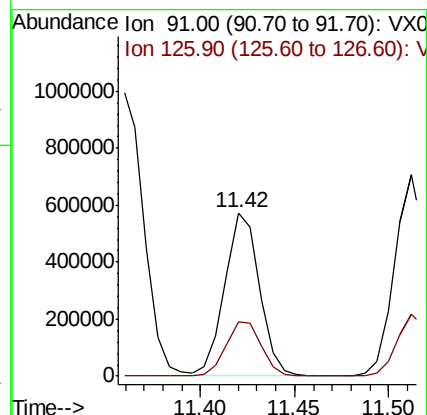
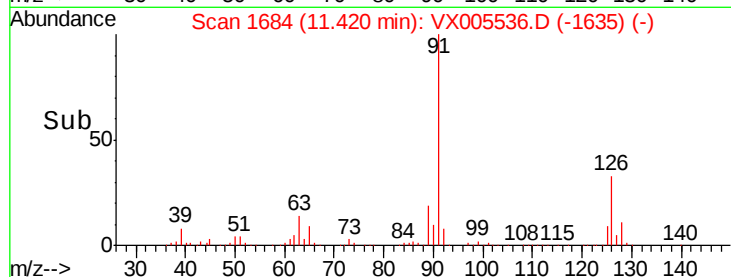
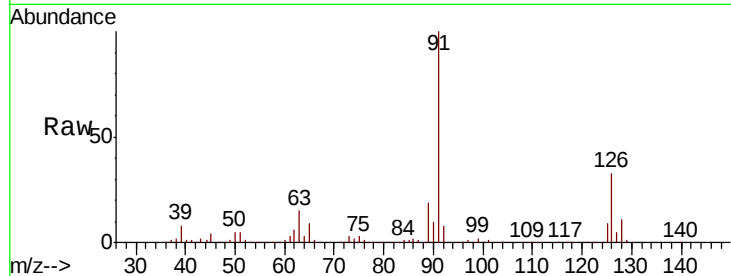
126 34.6 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 99.299 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005536.D

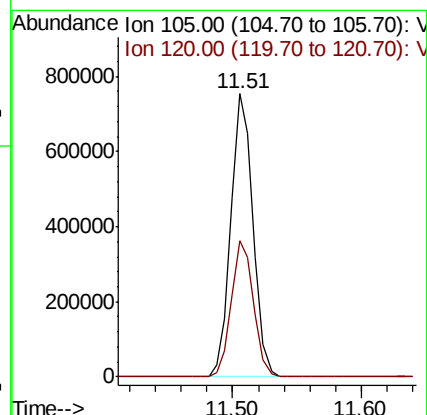
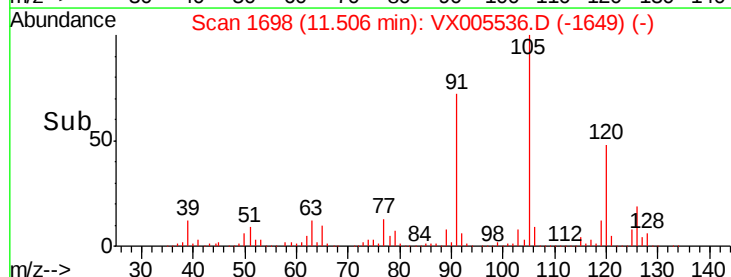
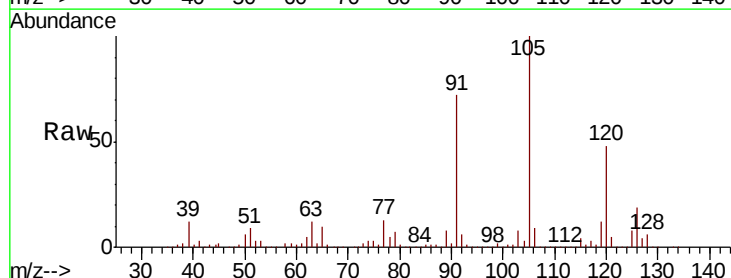
Acq: 24 Oct 2018 12:25

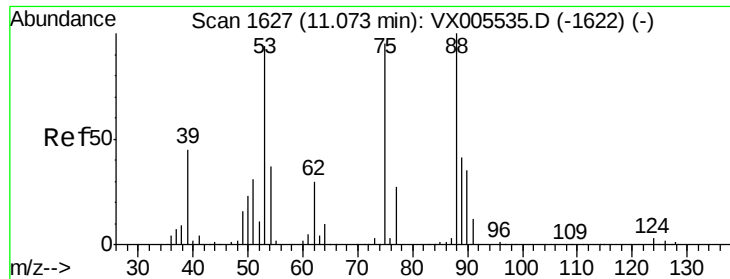
Tgt Ion: 105 Resp: 911823

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 106.377 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 121127
Ion Ratio Lower Upper

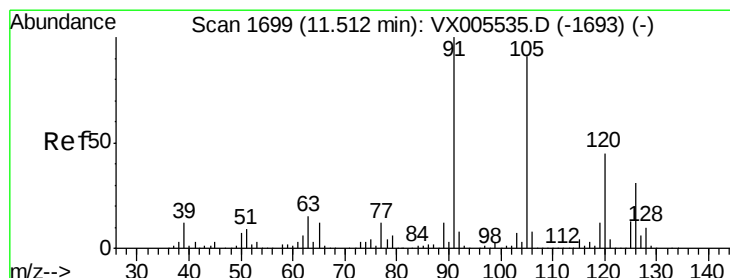
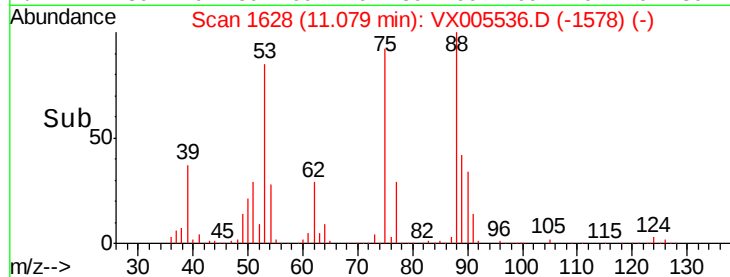
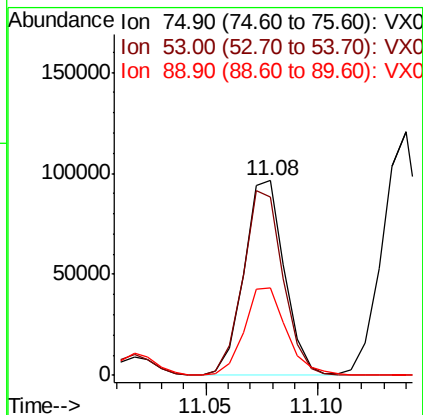
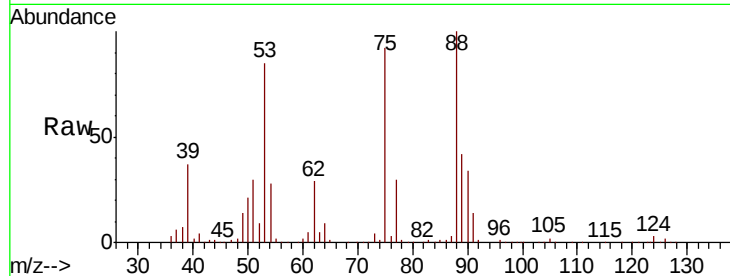
75 100

53 94.8 80.2 120.2

89 47.6 39.8 59.8

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#82

4-Chlorotoluene

Concen: 97.545 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

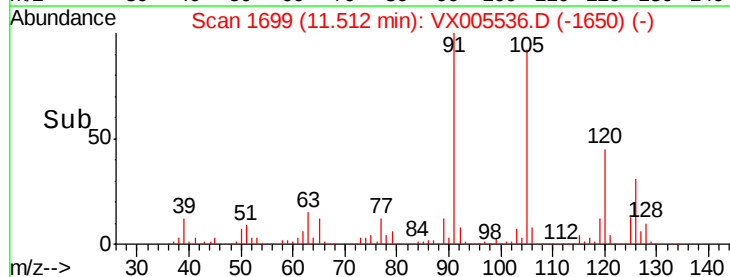
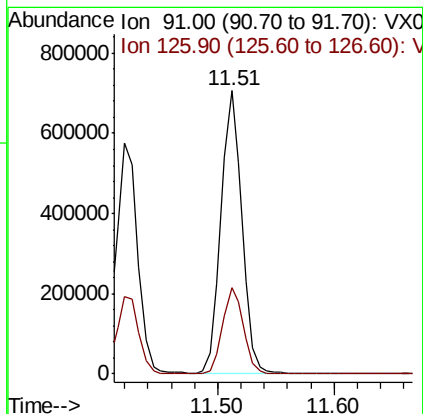
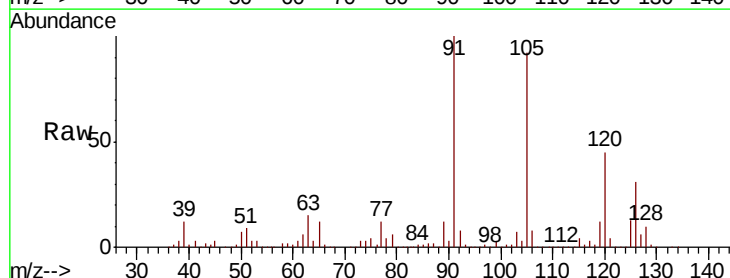
Lab File: VX005536.D

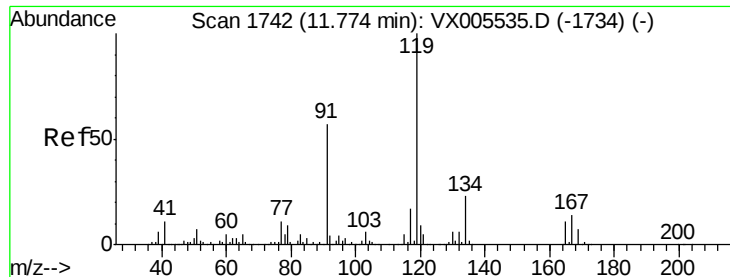
Acq: 24 Oct 2018 12:25

Tgt Ion: 91 Resp: 875353
Ion Ratio Lower Upper

91 100

126 30.5 15.2 45.6





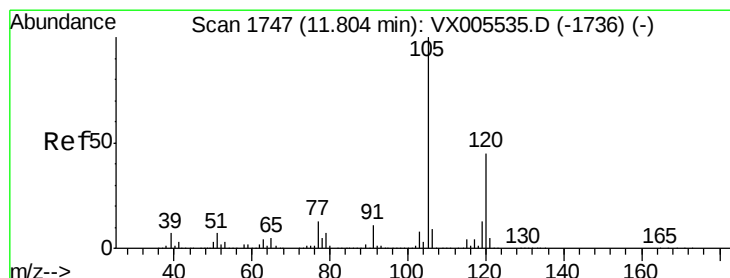
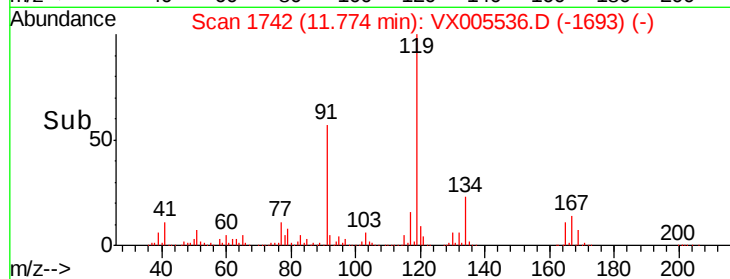
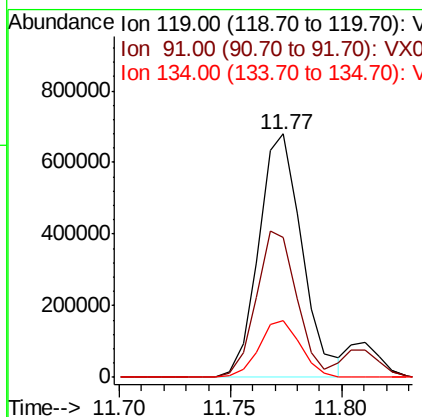
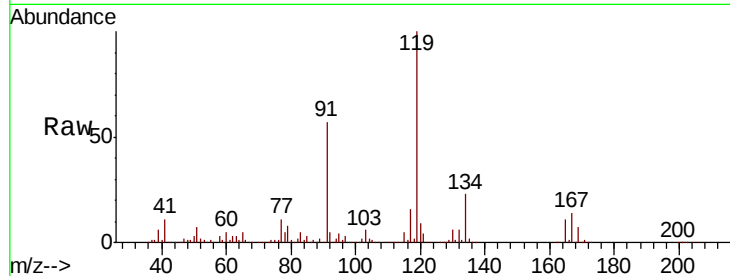
#83
 tert-Butylbenzene
 Concen: 100.385 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	918854		
91	56.4	28.5	85.5	
134	22.3	11.3	33.8	

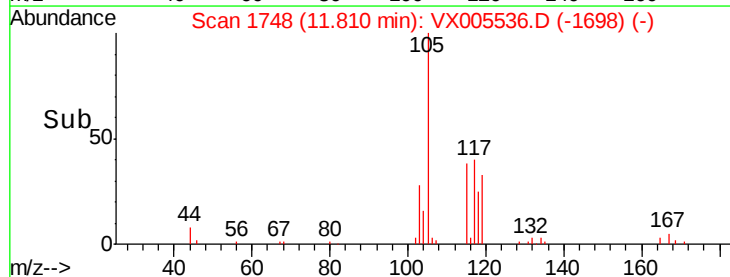
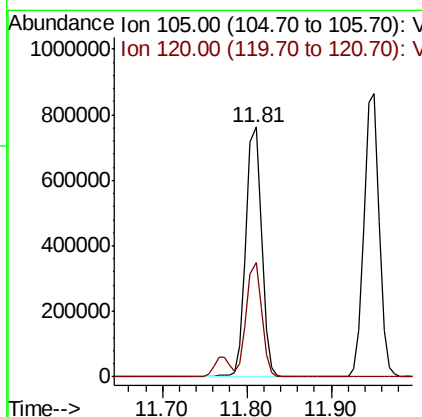
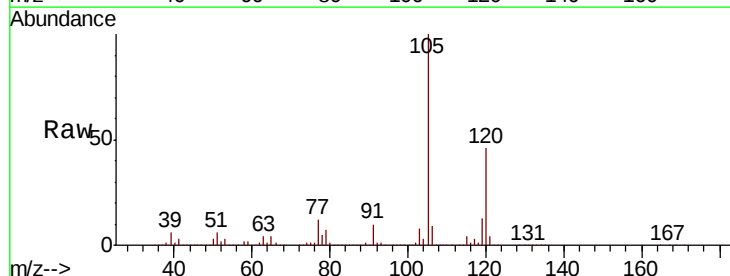
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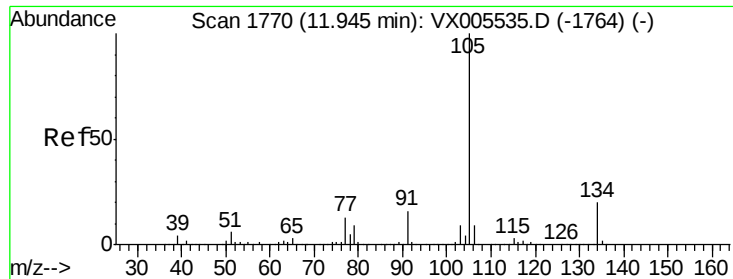
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#84
 1,2,4-Trimethylbenzene
 Concen: 101.709 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	946557		
120	44.7	22.4	67.0	





#85

sec-Butylbenzene

Concen: 100.142 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1093770

Ion Ratio Lower Upper

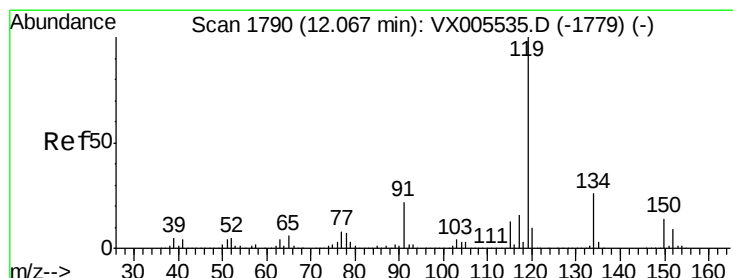
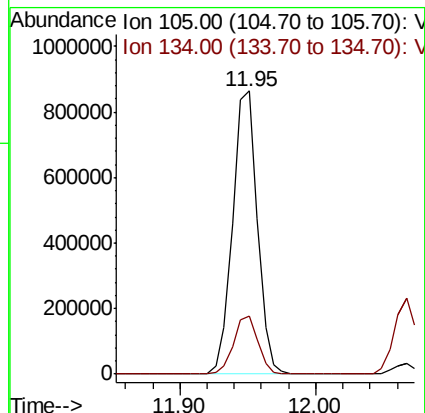
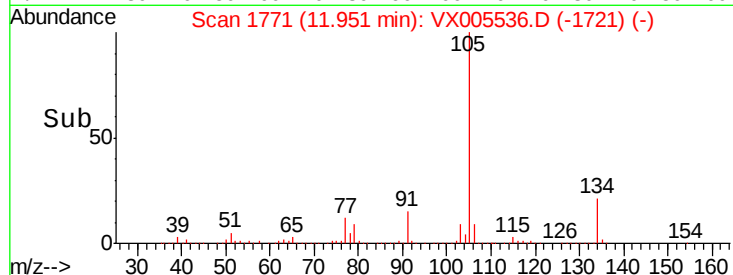
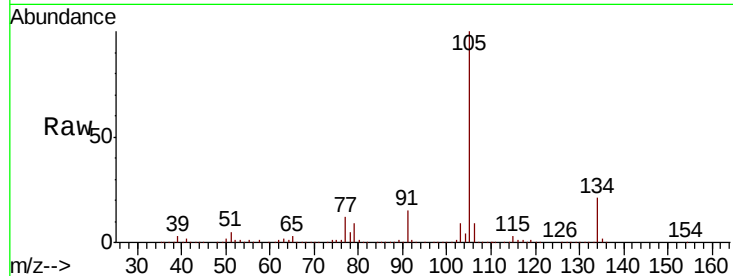
105 100

134 20.3 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 101.967 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005536.D

Acq: 24 Oct 2018 12:25

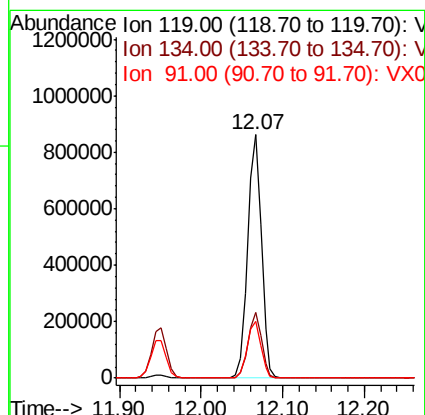
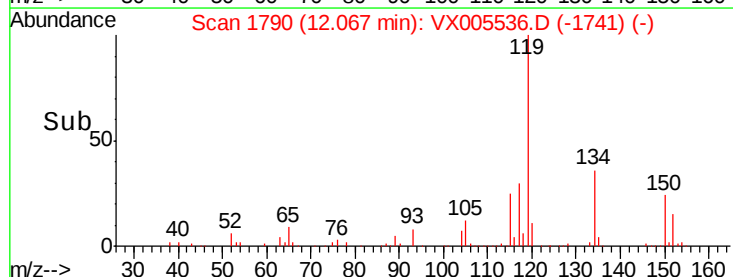
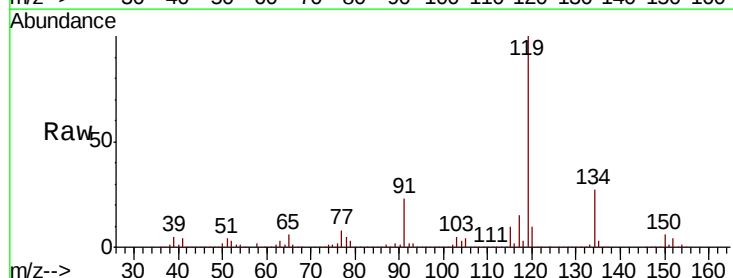
Tgt Ion:119 Resp: 995580

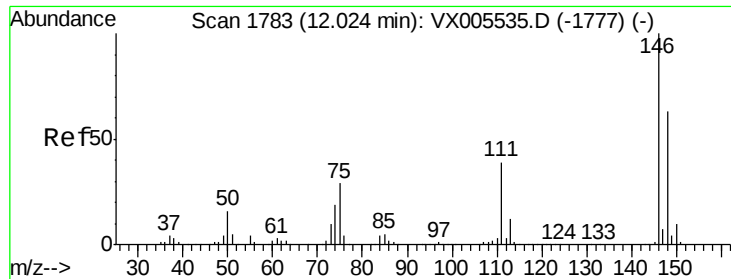
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.5 11.4 34.2





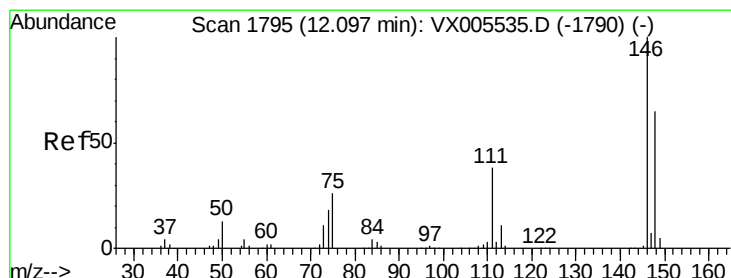
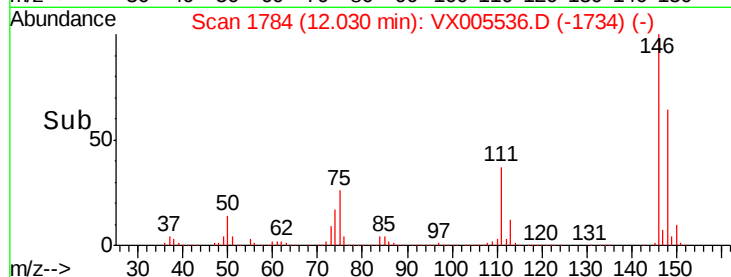
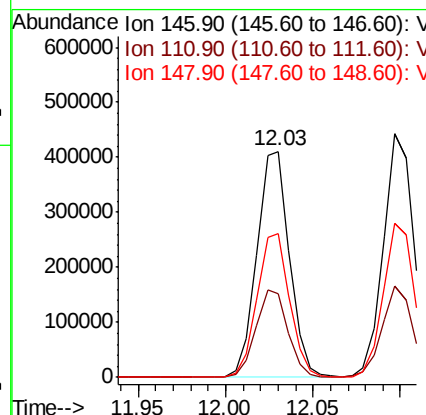
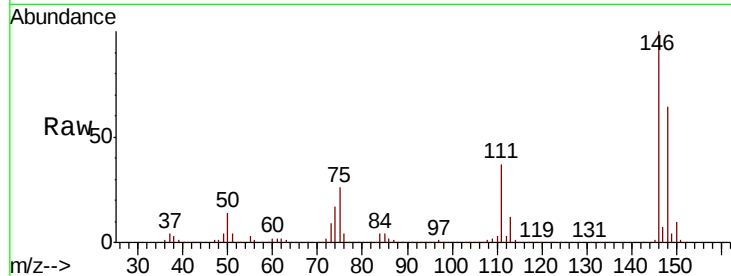
#87
 1,3-Dichlorobenzene
 Concen: 94.784 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.6	31.9	95.9

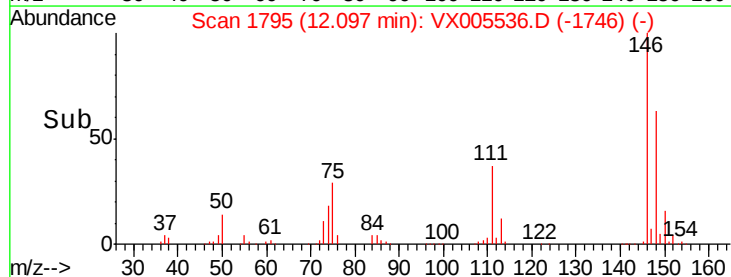
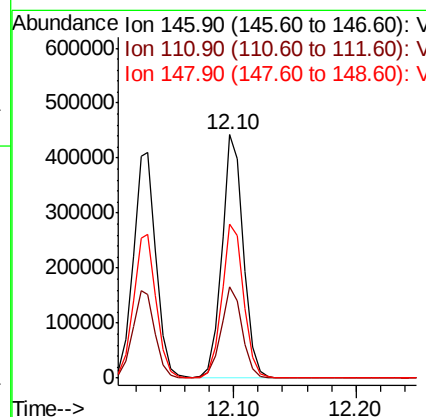
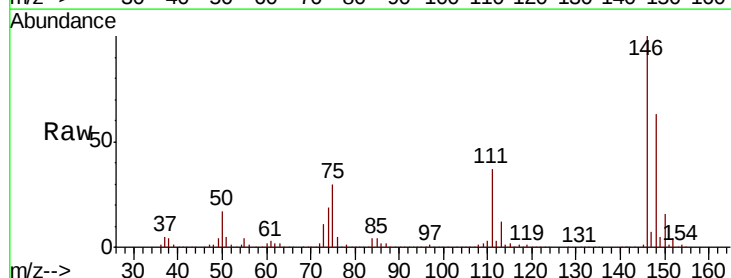
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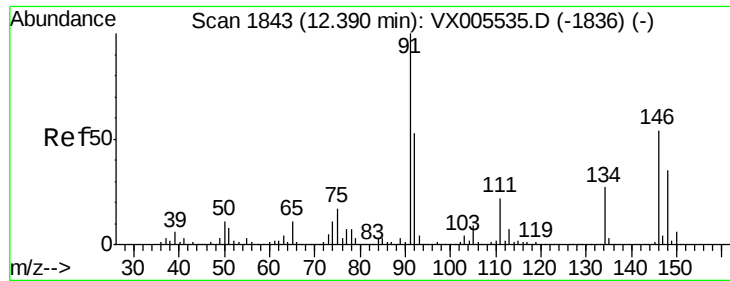
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#88
 1,4-Dichlorobenzene
 Concen: 91.710 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.4	32.1	96.3





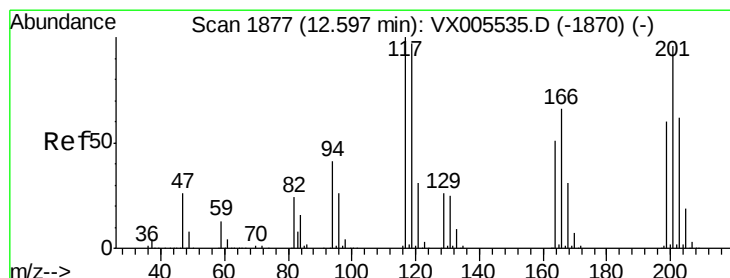
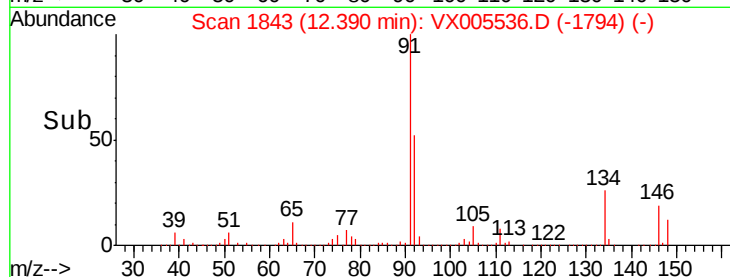
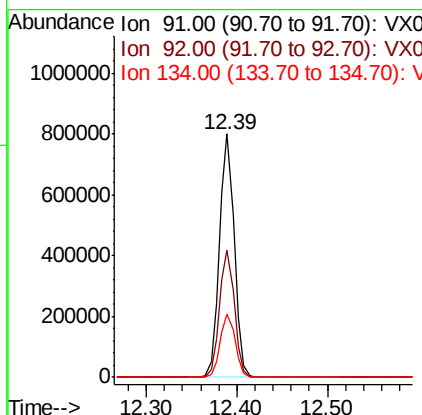
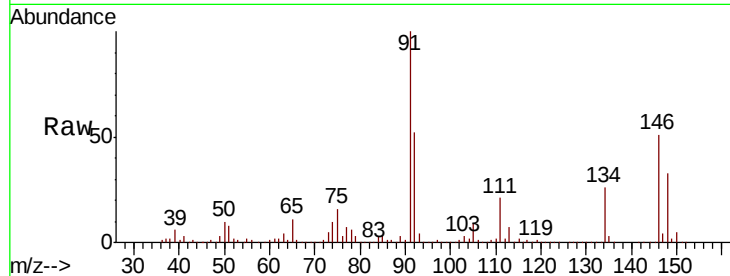
#89
n-Butylbenzene
Concen: 103.431 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.1	78.2
134	26.4	13.1	39.3

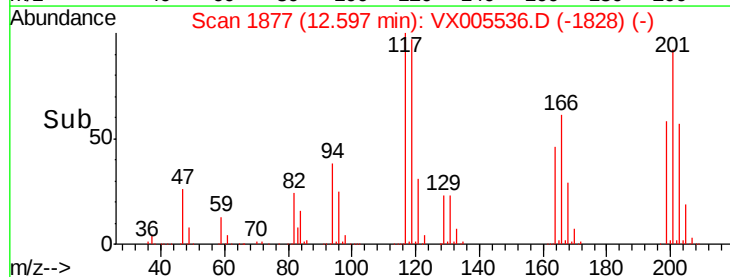
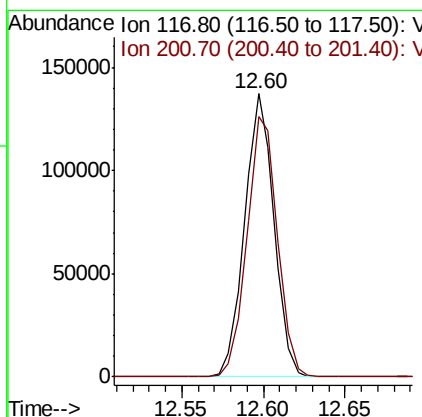
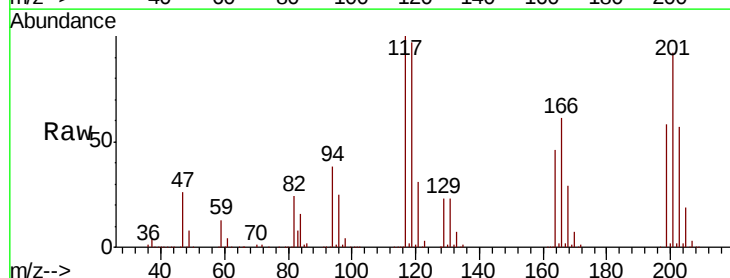
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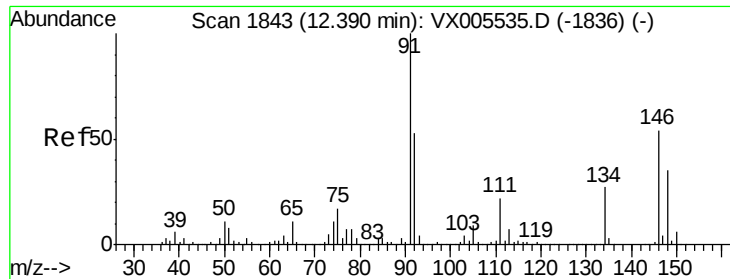
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#90
Hexachloroethane
Concen: 102.126 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.2	47.9	143.6





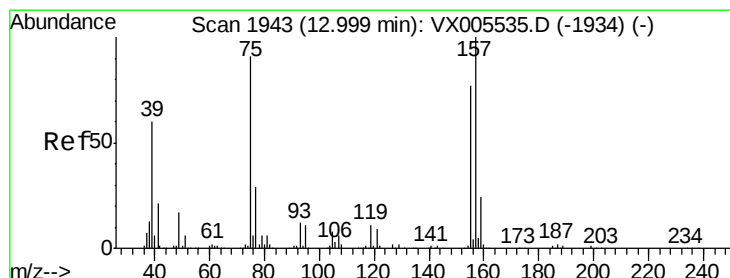
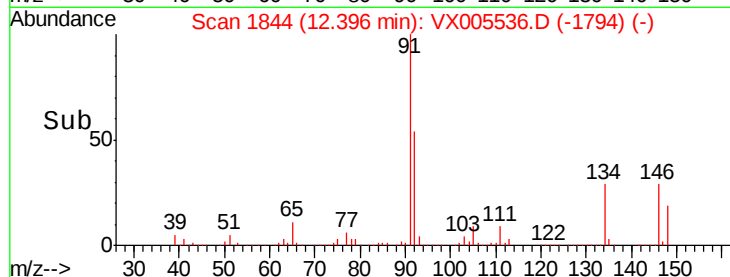
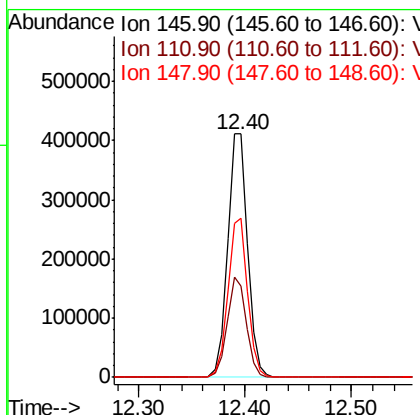
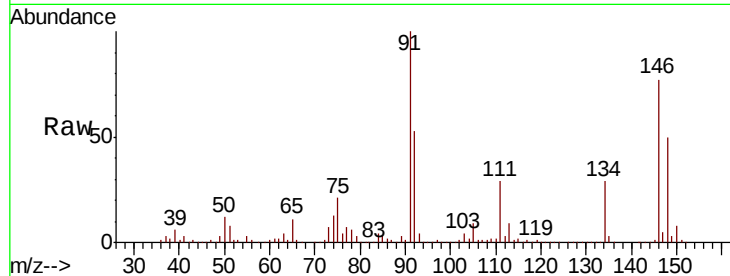
#91
 1,2-Dichlorobenzene
 Concen: 94.588 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	59.9
148	64.2	32.2	96.6

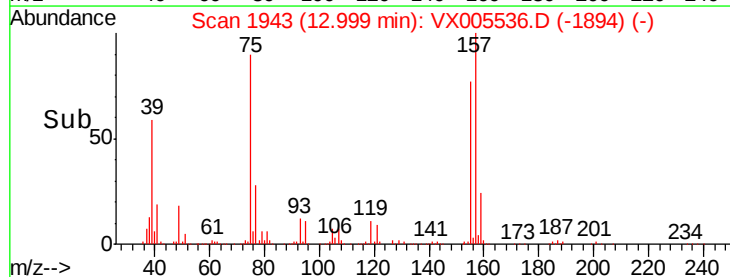
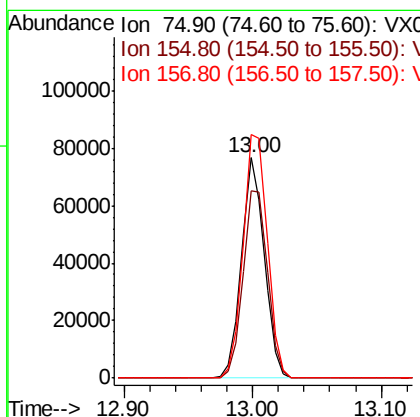
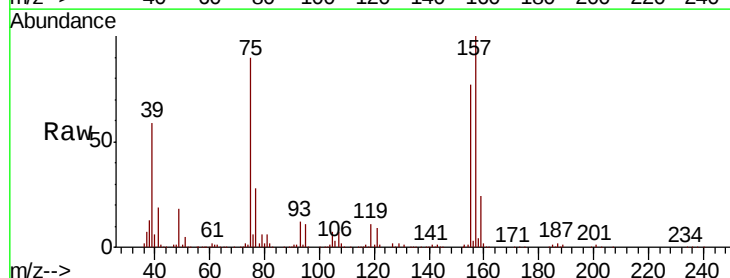
Manual Integrations
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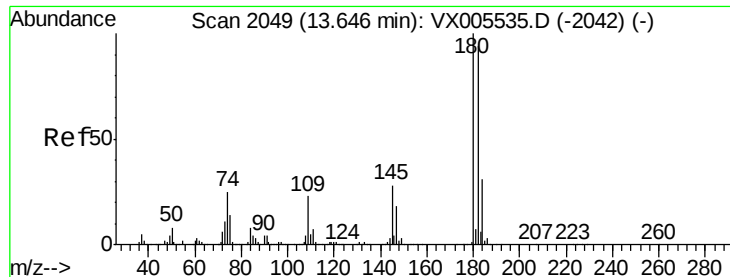
MMDadoda
 10/26/2018 11:53:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.799 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	45.4	136.1
157	117.4	57.4	172.0





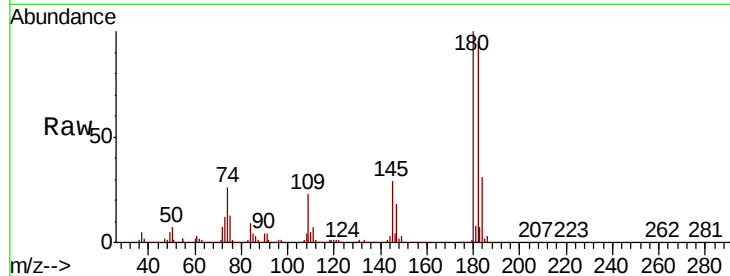
#93
 1,2,4-Trichlorobenzene
 Concen: 101.596 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	419159		
182	95.5	47.6	142.8	
145	28.1	14.1	42.2	

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:15 AM

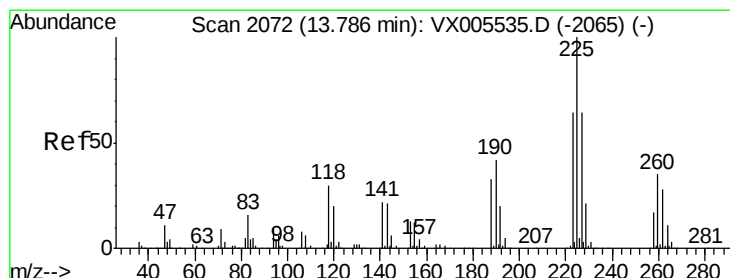
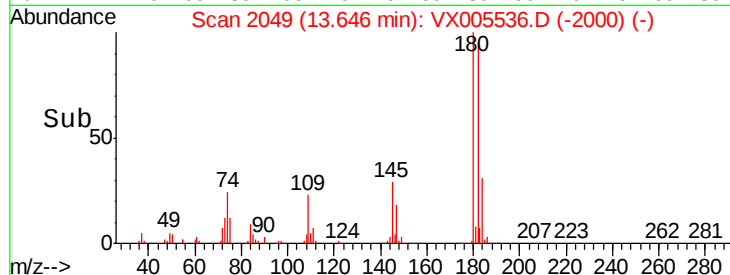
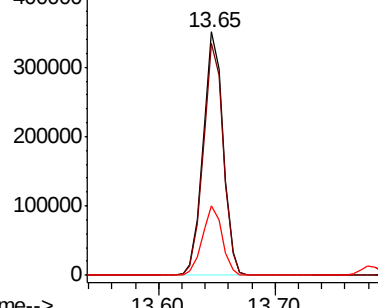


Abundance

Ion 179.80 (179.50 to 180.50): V

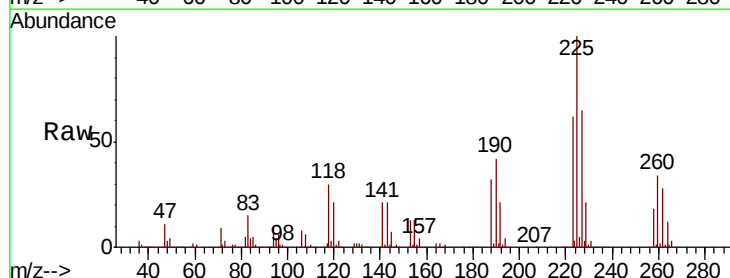
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 93.929 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005536.D
 Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	200826		
223	62.5	31.7	95.1	
227	64.6	32.3	96.9	

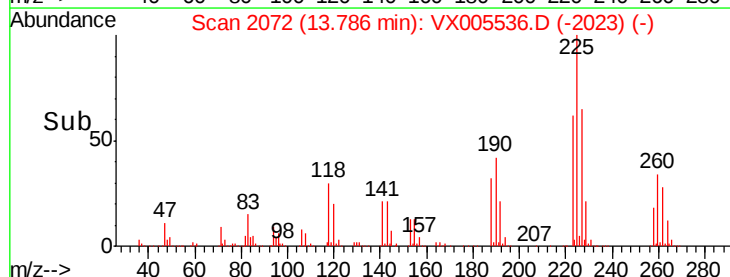
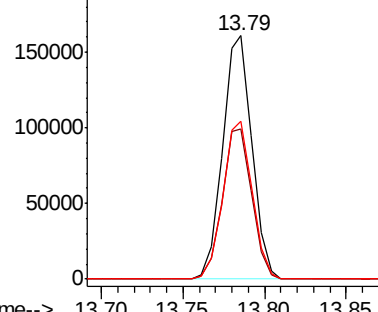


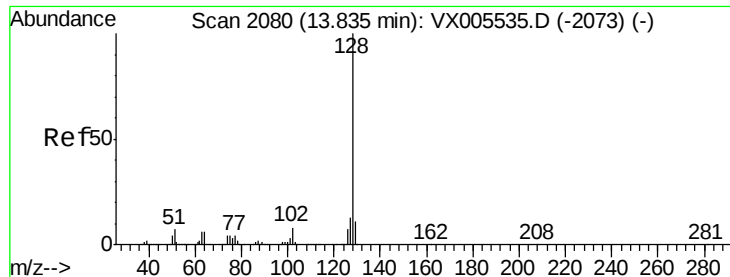
Abundance

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





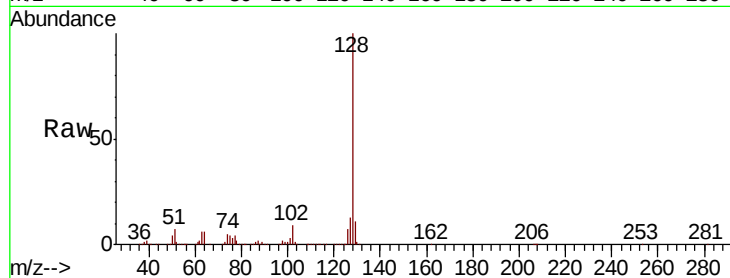
#95
Naphthalene
Concen: 107.289 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:53:15 AM

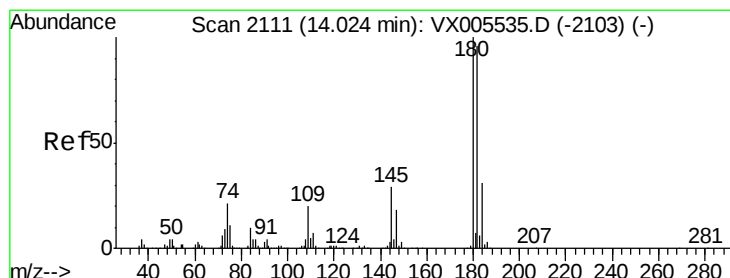
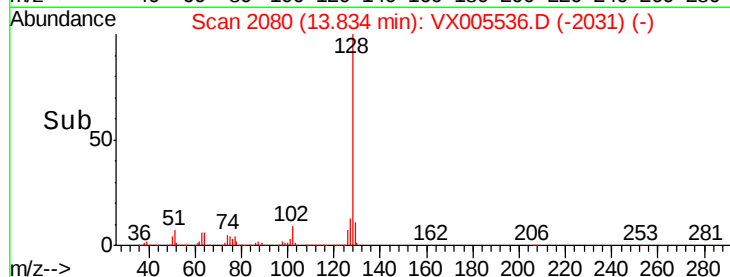
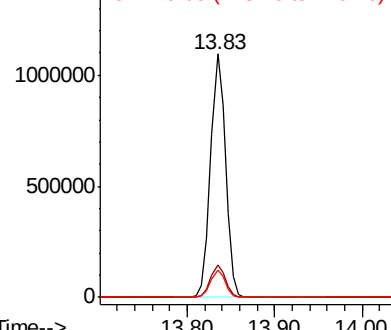


Abundance

Ion 128.00 (127.70 to 128.70): V

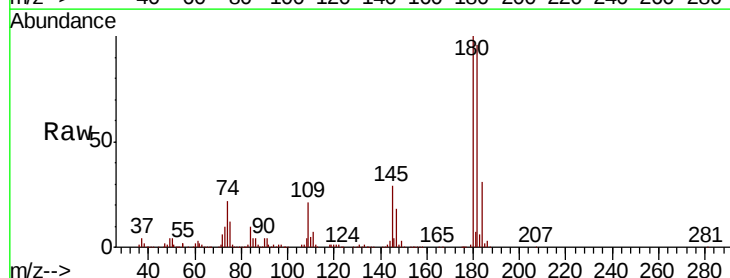
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 101.190 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005536.D
Acq: 24 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.2
145	29.9	15.1	45.3



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

