

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005796.D
 Acq On : 05 Nov 2018 23:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:27:09 AM

Quant Time: Nov 06 03:06:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	148459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	240314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	216498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	101715	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.51	113	78583	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	8.71	98	290166	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.14	95	106363	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87507	51.024	ug/l	98
3) Chloromethane	1.32	50	98195	48.541	ug/l	96
4) Vinyl Chloride	1.41	62	99491	47.272	ug/l	99
5) Bromomethane	1.64	94	88166	33.760	ug/l	100
6) Chloroethane	1.71	64	61093	45.479	ug/l	96
7) Trichlorofluoromethane	1.92	101	128219	47.463	ug/l	97
8) Diethyl Ether	2.19	74	55791	45.946	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75763	46.171	ug/l	92
10) Methyl Iodide	2.51	142	85704	53.516	ug/l	99
11) Tert butyl alcohol	3.07	59	143916	244.154	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73318	45.853	ug/l	96
13) Acrolein	2.29	56	84758	203.360	ug/l	97
14) Allyl chloride	2.73	41	156195	47.241	ug/l	98
15) Acrylonitrile	3.15	53	313355	241.752	ug/l	99
16) Acetone	2.45	43	270120	241.725	ug/l	98
17) Carbon Disulfide	2.57	76	199267	40.555	ug/l	100
18) Methyl Acetate	2.78	43	158731	50.957	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	280947	50.760	ug/l	93
20) Methylene Chloride	2.86	84	89661	47.903	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	77634	45.884	ug/l	94
22) Diisopropyl ether	3.87	45	303136	49.425	ug/l #	90
23) Vinyl Acetate	3.82	43	1284444	240.435	ug/l	99
24) 1,1-Dichloroethane	3.70	63	163349	47.100	ug/l	99
25) 2-Butanone	4.70	43	421376	230.142	ug/l	92
26) 2,2-Dichloropropane	4.59	77	97347	37.550	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	88205	46.394	ug/l	100
28) Bromochloromethane	5.02	49	80079	47.329	ug/l	91
29) Tetrahydrofuran	5.15	42	269096	240.794	ug/l	93
30) Chloroform	5.21	83	152050	44.843	ug/l	95
31) Cyclohexane	5.57	56	134242	46.288	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	127694	47.056	ug/l	96
36) 1,1-Dichloropropene	5.80	75	116350	45.443	ug/l	95
37) Ethyl Acetate	4.85	43	150324	46.020	ug/l	97
38) Carbon Tetrachloride	5.78	117	101898	44.051	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125493	46.997	ug/l	99
40) Benzene	6.14	78	349514	45.885	ug/l	97
41) Methacrylonitrile	5.06	41	81621	46.245	ug/l	95
42) 1,2-Dichloroethane	6.20	62	125431	44.550	ug/l	99
43) Isopropyl Acetate	6.46	43	222153	46.858	ug/l	97
44) Trichloroethene	7.21	130	83928	47.641	ug/l	88
45) 1,2-Dichloropropane	7.51	63	98206	50.311	ug/l	98
46) Dibromomethane	7.66	93	55213	44.260	ug/l	91
47) Bromodichloromethane	7.90	83	108052	46.177	ug/l	99
48) Methyl methacrylate	7.77	41	110371	48.100	ug/l	97
49) 1,4-Dioxane	7.76	88	49283	964.513	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	780738	241.510	ug/l	96
52) Toluene	8.79	92	194432	47.192	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	117716	46.421	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	130272	47.949	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	83584	46.714	ug/l	95
56) Ethyl methacrylate	9.18	69	134373	44.526	ug/l	98
57) 1,3-Dichloropropane	9.37	76	144773	47.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	394937	229.815	ug/l	95
59) 2-Hexanone	9.49	43	622672	236.685	ug/l	96
60) Dibromochloromethane	9.59	129	80200	46.386	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86254	47.309	ug/l	100
64) Tetrachloroethene	9.34	164	77913	49.259	ug/l	98
65) Chlorobenzene	10.14	112	214324	46.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	74776	47.479	ug/l	98
67) Ethyl Benzene	10.25	91	381760	48.622	ug/l	99
68) m/p-Xylenes	10.36	106	285604	97.891	ug/l	96
69) o-Xylene	10.70	106	137082	49.126	ug/l	95
70) Styrene	10.71	104	236873	51.109	ug/l	98
71) Bromoform	10.86	173	61259	48.006	ug/l	99
73) Isopropylbenzene	11.02	105	378476	49.395	ug/l	99
74) N-amyl acetate	10.90	43	196793	48.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	146569	46.107	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	138728m	47.959	ug/l	
77) Bromobenzene	11.26	156	91792	48.292	ug/l	88
78) n-propylbenzene	11.36	91	457485	49.080	ug/l	96
79) 2-Chlorotoluene	11.42	91	267433	48.037	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	324698	49.907	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40842	45.618	ug/l	97
82) 4-Chlorotoluene	11.51	91	319920	48.134	ug/l	96
83) tert-Butylbenzene	11.77	119	308035	49.622	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	332415	50.598	ug/l	98
85) sec-Butylbenzene	11.94	105	389406	48.902	ug/l	97
86) p-Isopropyltoluene	12.07	119	337271	49.801	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	173046	47.084	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	178569	45.227	ug/l	98
89) n-Butylbenzene	12.39	91	324078	47.429	ug/l	98
90) Hexachloroethane	12.60	117	54938	45.724	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	177465	46.220	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34990	46.929	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121763	49.445	ug/l	99
94) Hexachlorobutadiene	13.79	225	55858	46.886	ug/l	100
95) Naphthalene	13.83	128	427881	52.833	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126503	50.459	ug/l	99

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

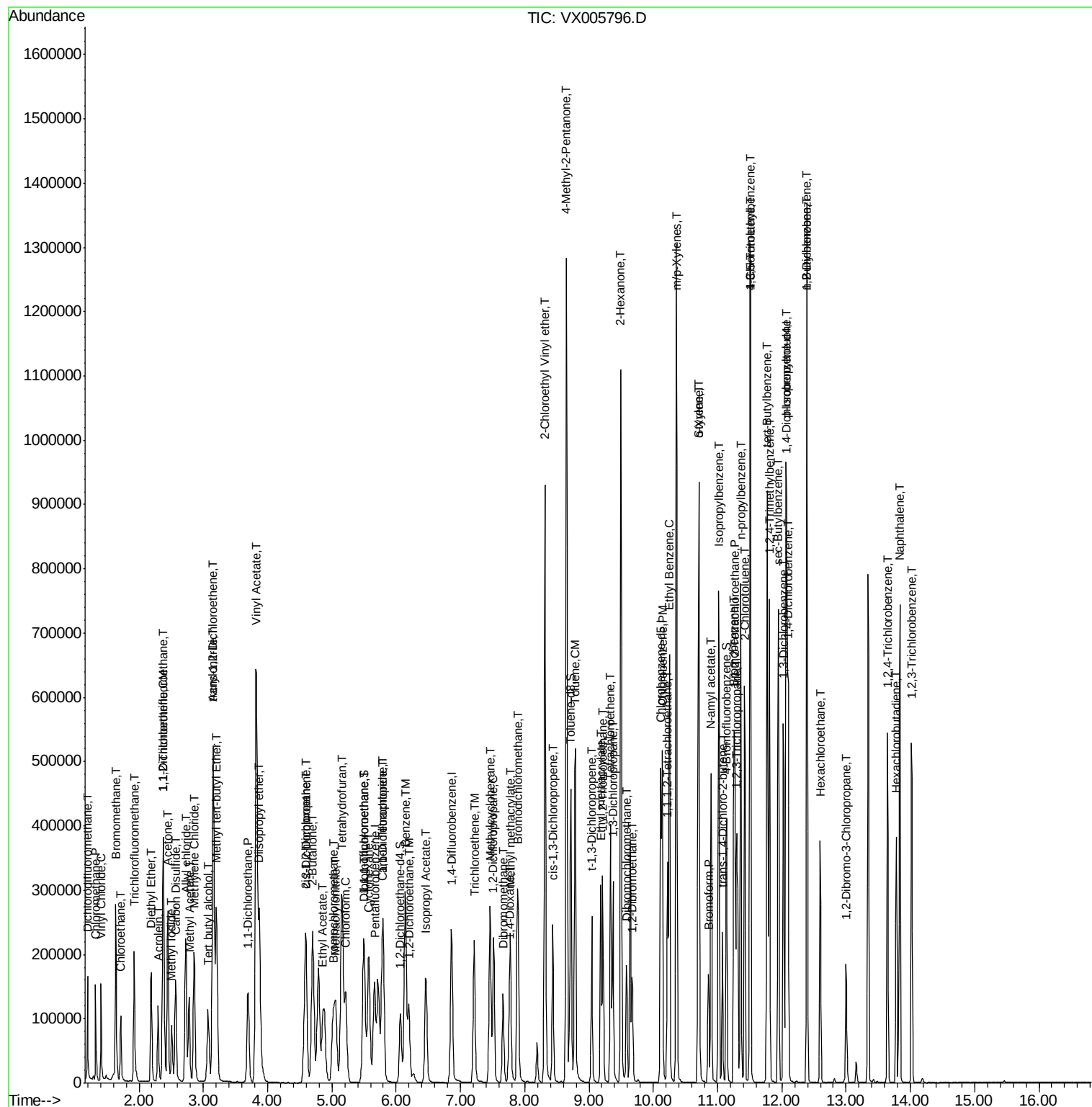
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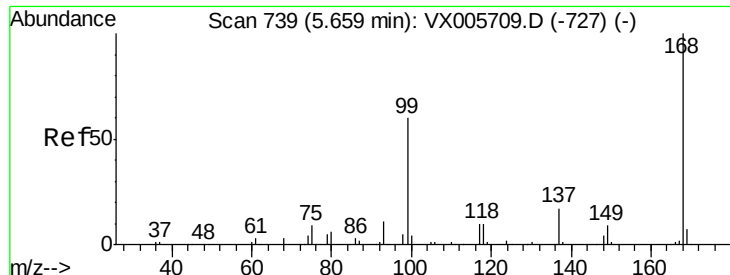
Instrument :
 MSVOA_X
 ClientSampleID :
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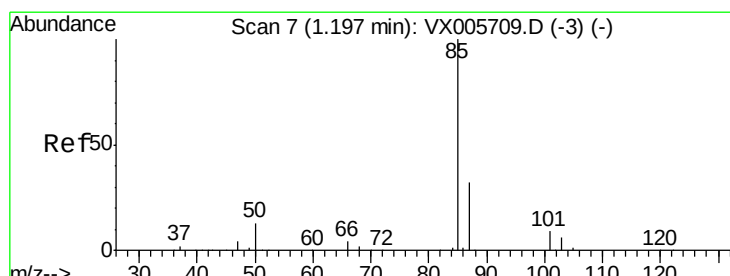
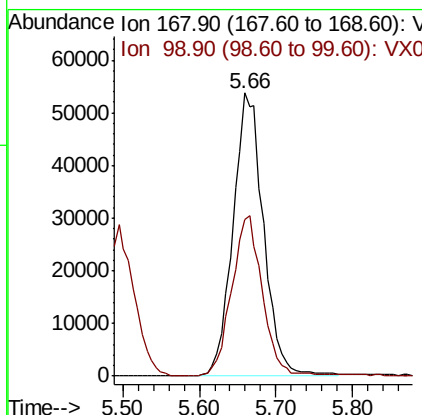
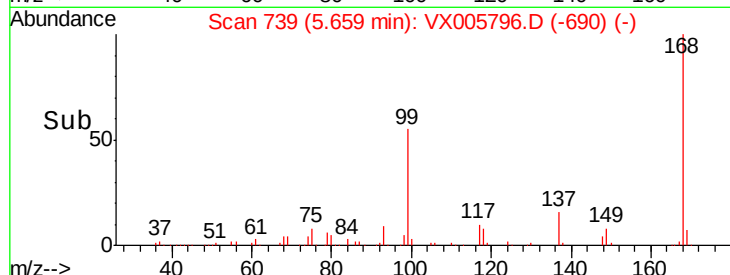
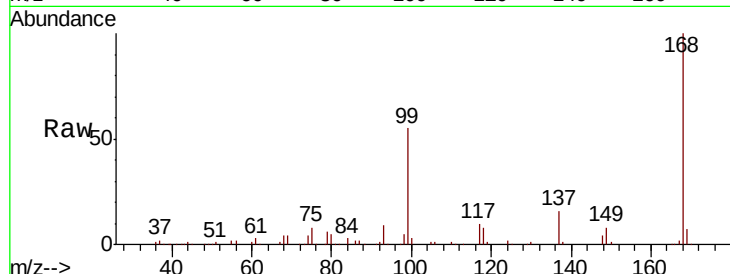
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 148459
Ion Ratio Lower Upper
168 100
99 55.2 40.7 61.1

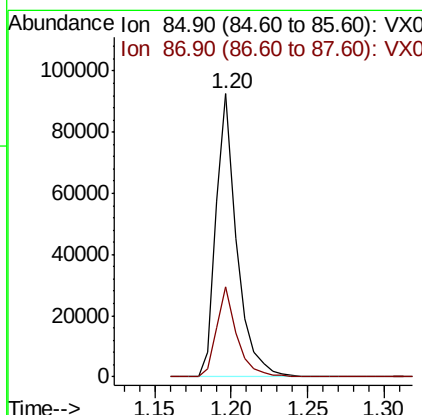
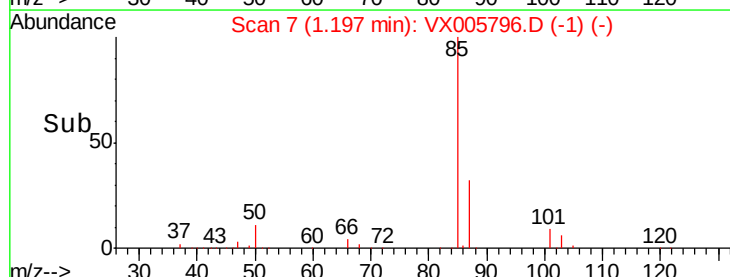
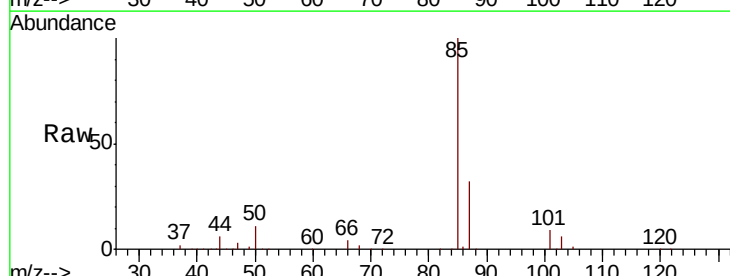
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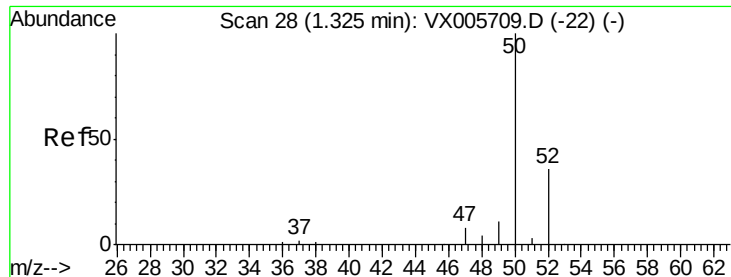
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#2
Dichlorodifluoromethane
Concen: 51.024 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 85 Resp: 87507
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





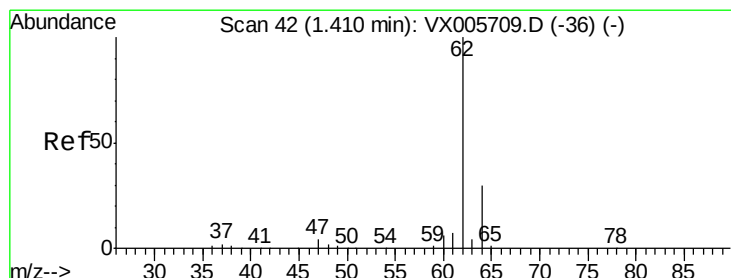
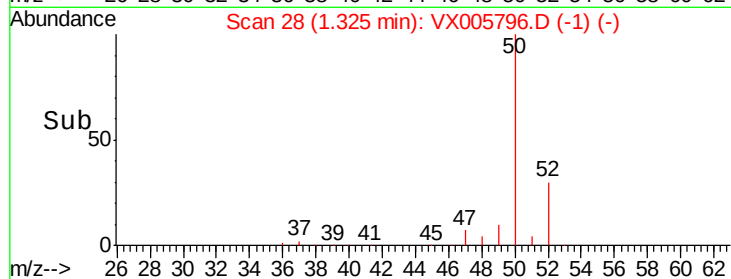
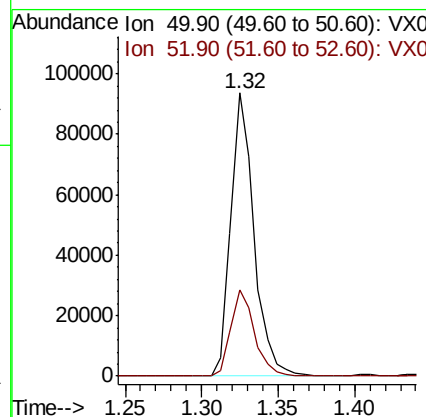
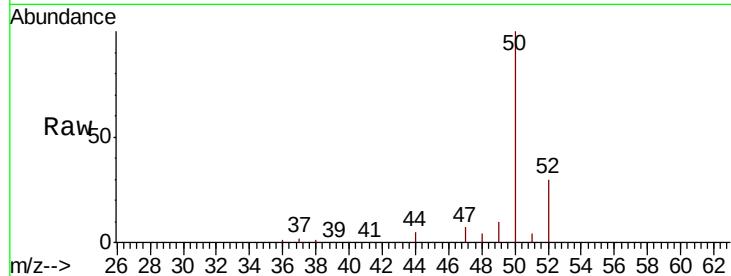
#3
Chloromethane
Concen: 48.541 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 98195
Ion Ratio Lower Upper
50 100
52 30.5 26.2 39.2

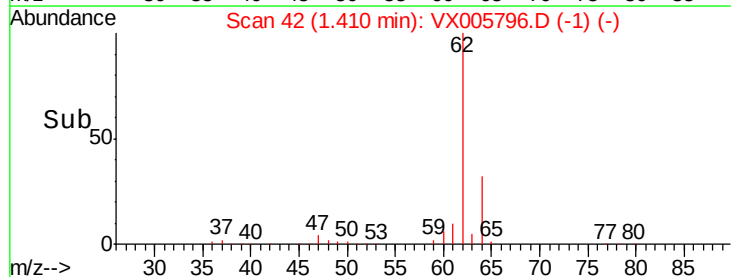
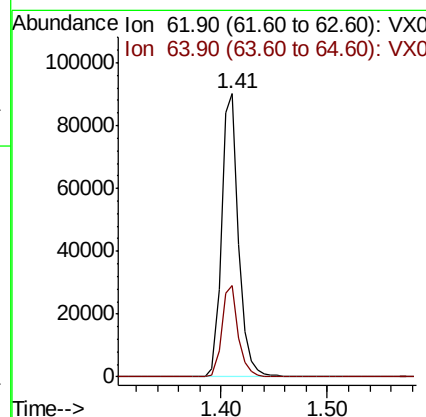
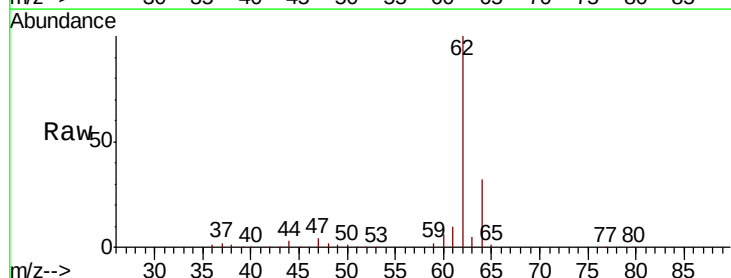
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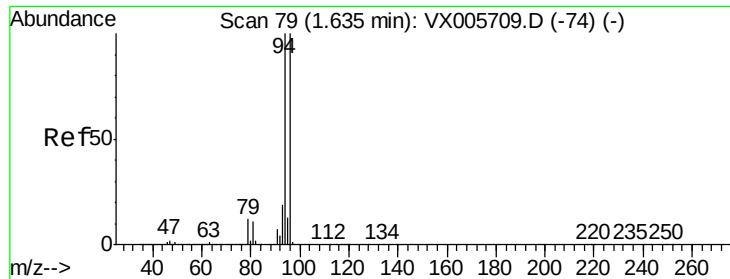
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#4
Vinyl Chloride
Concen: 47.272 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 62 Resp: 99491
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 33.760 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 88166

Ion Ratio Lower Upper

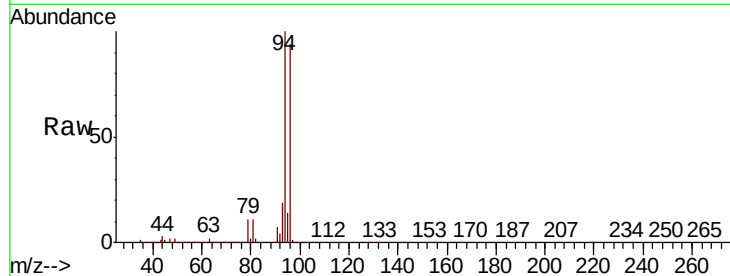
94 100

96 94.3 75.2 112.8

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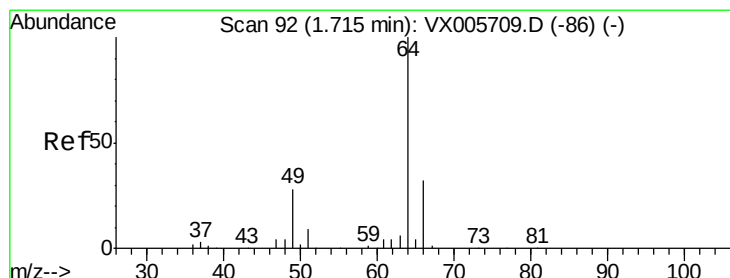
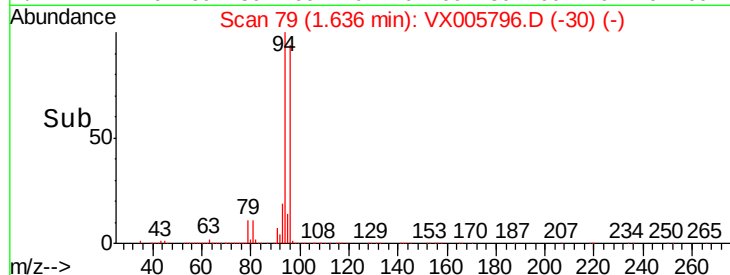
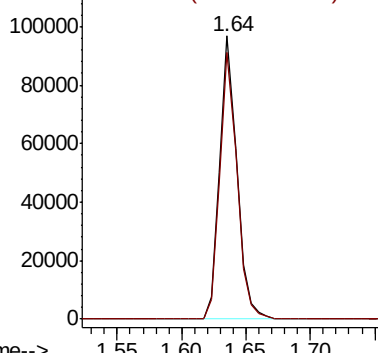
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.479 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005796.D

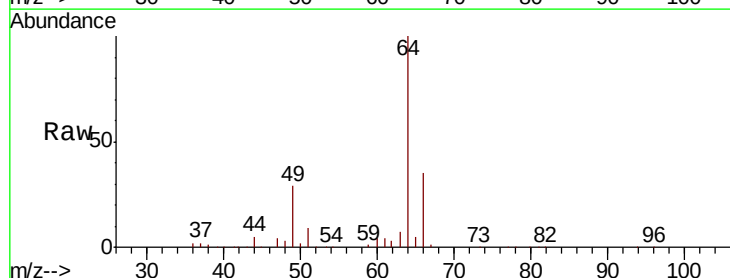
Acq: 05 Nov 2018 23:10

Tgt Ion: 64 Resp: 61093

Ion Ratio Lower Upper

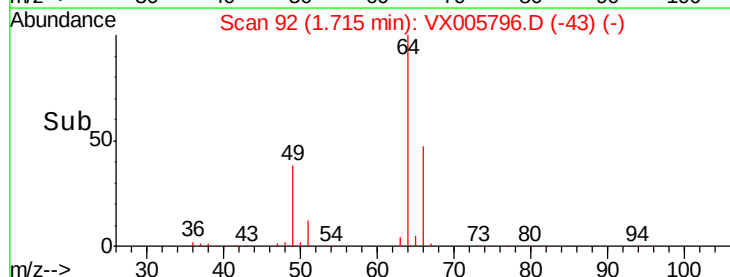
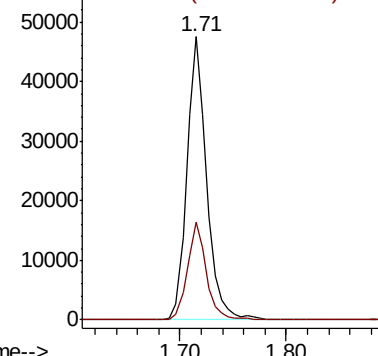
64 100

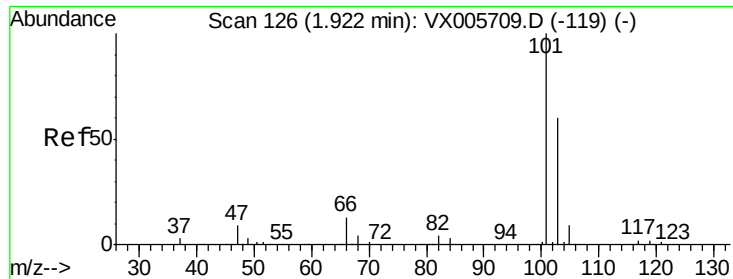
66 34.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

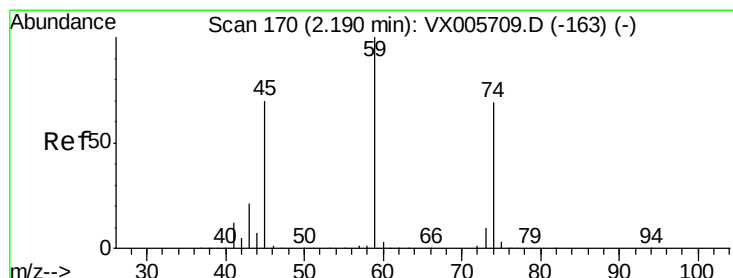
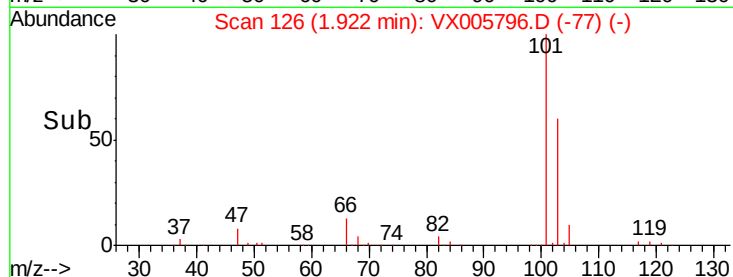
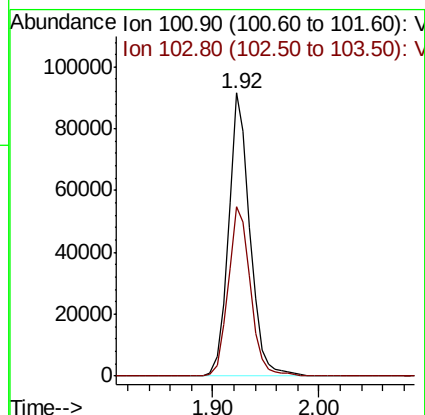
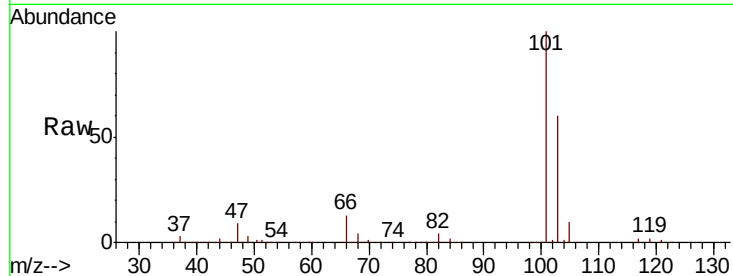
Trichlorofluoromethane
Concen: 47.463 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		128219		
103	59.9	50.0	75.0		

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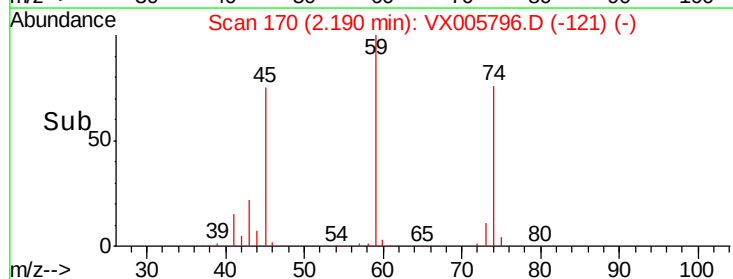
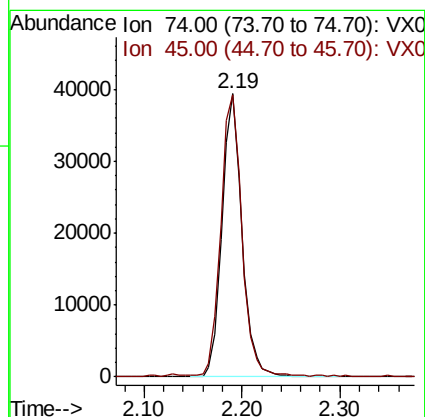
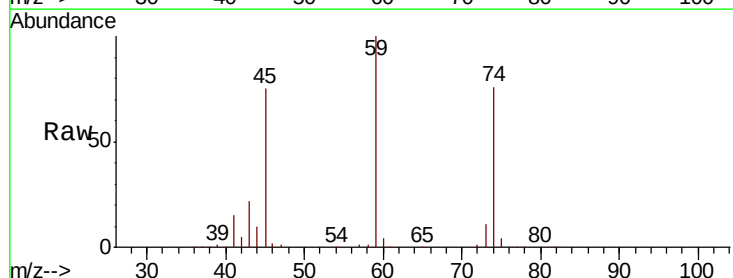
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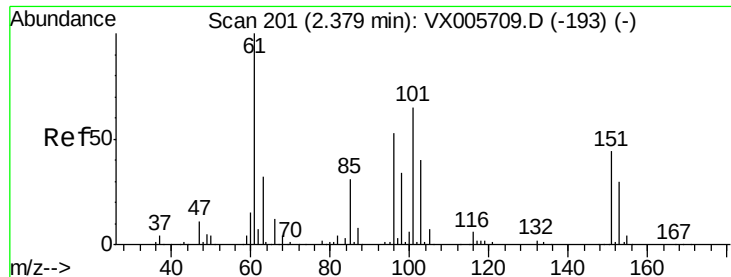


#8

Diethyl Ether
Concen: 45.946 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		55791		
45	104.0	54.1	162.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.171 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

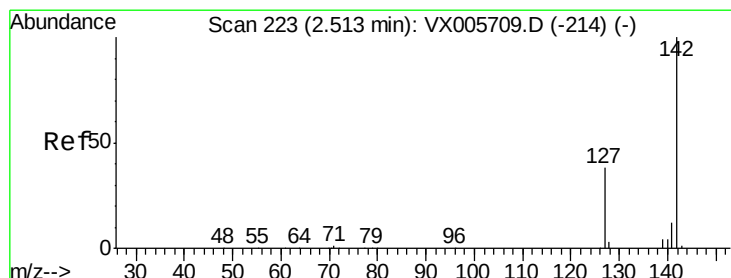
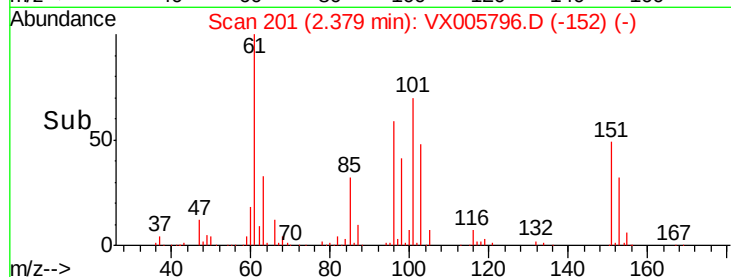
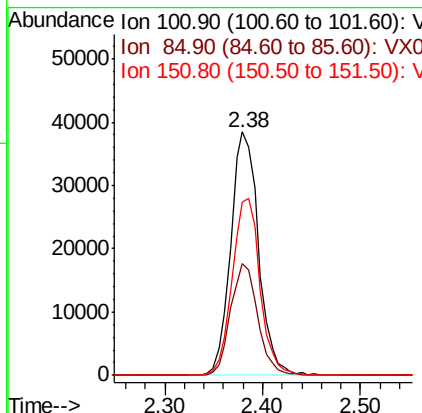
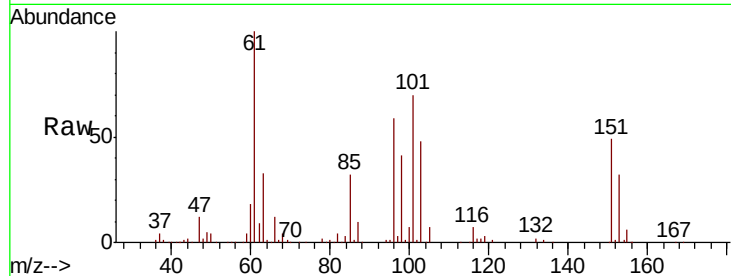
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	75763
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.0	52.4
151	72.8	66.2	99.2

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#10

Methyl Iodide

Concen: 53.516 ug/l

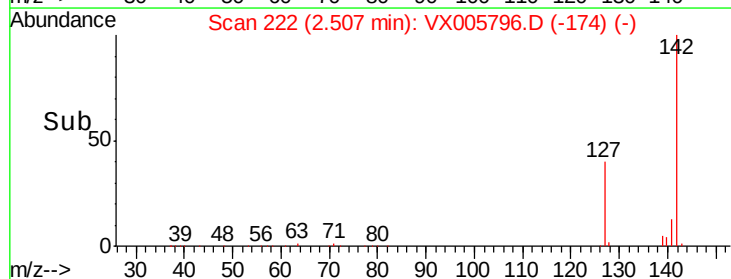
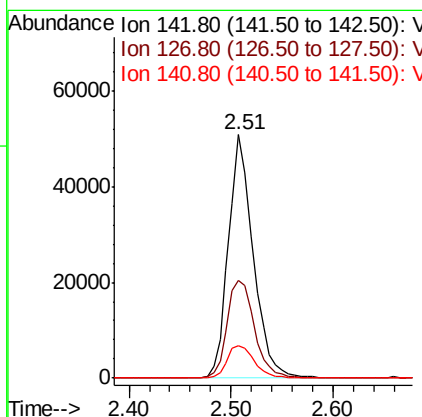
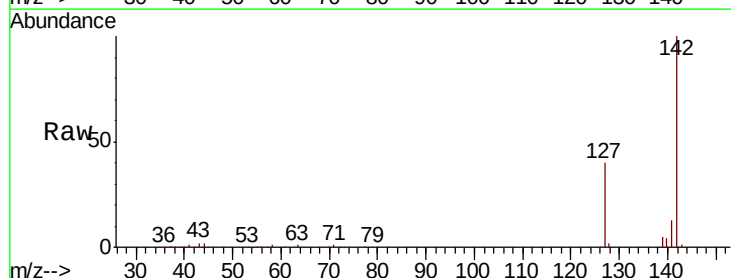
RT: 2.51 min Scan# 222

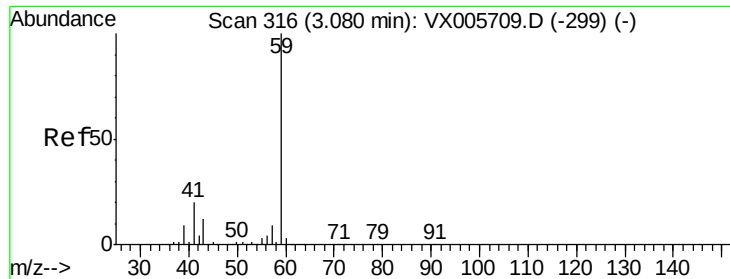
Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion:	142	Resp:	85704
Ion Ratio	Lower	Upper	
142	100		
127	44.2	36.0	54.0
141	14.6	11.7	17.5





#11

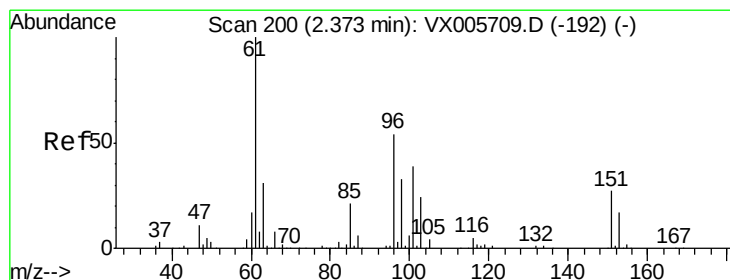
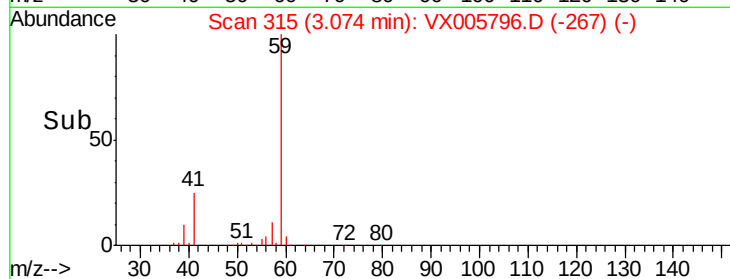
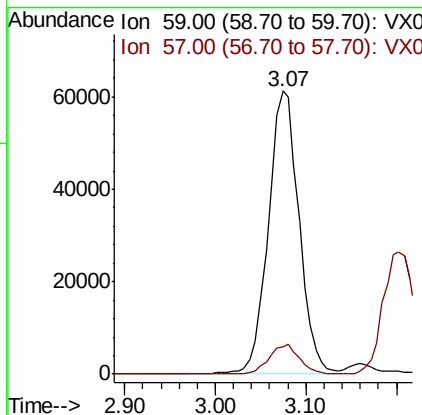
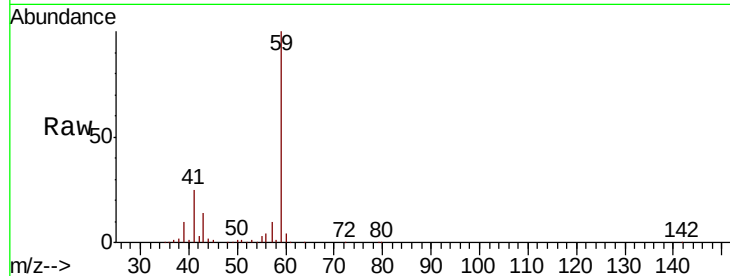
Tert butyl alcohol
 Concen: 244.154 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	143916
Ion Ratio	100	Lower	Upper
57	10.3	8.5	12.7

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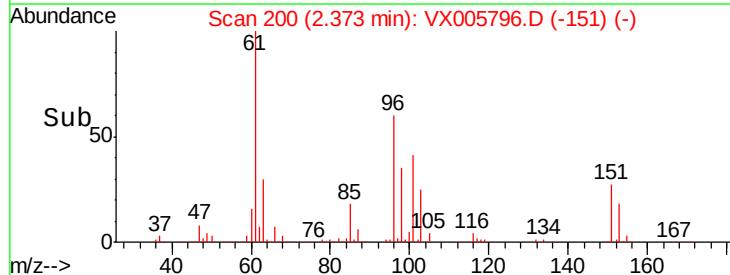
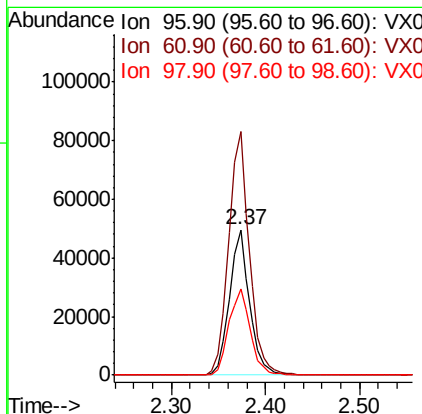
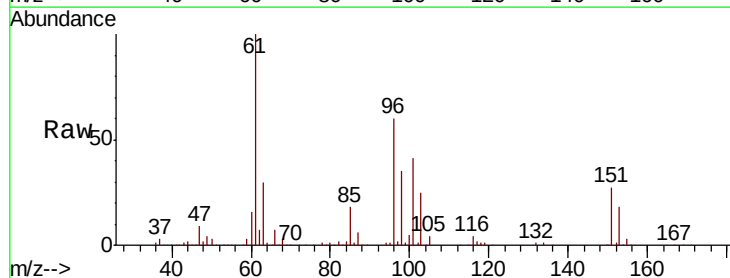
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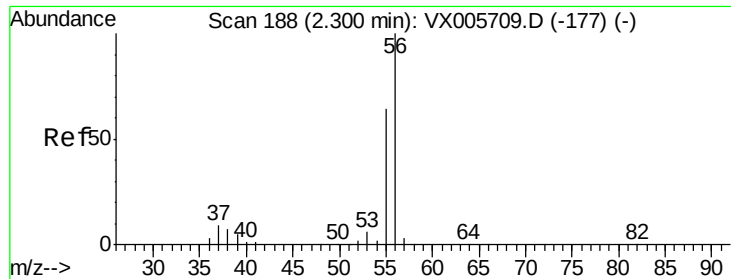


#12

1,1-Dichloroethene
 Concen: 45.853 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion	96	Resp	73318
Ion Ratio	100	Lower	Upper
61	167.8	131.8	197.8
98	59.1	53.4	80.2





#13

Acrolein

Concen: 203.360 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 84758

Ion Ratio Lower Upper

56 100

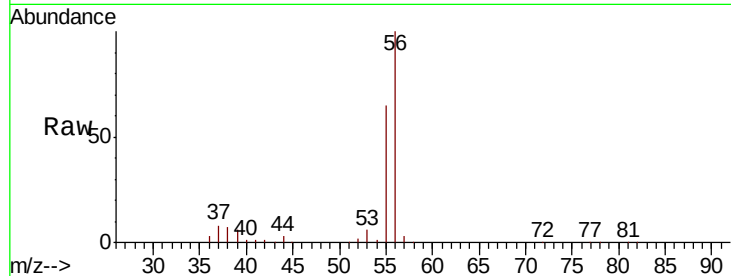
55 69.4 57.3 85.9

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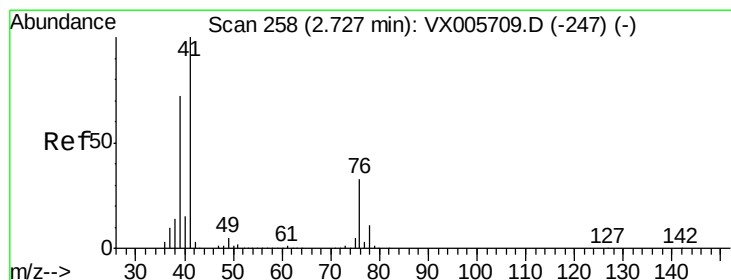
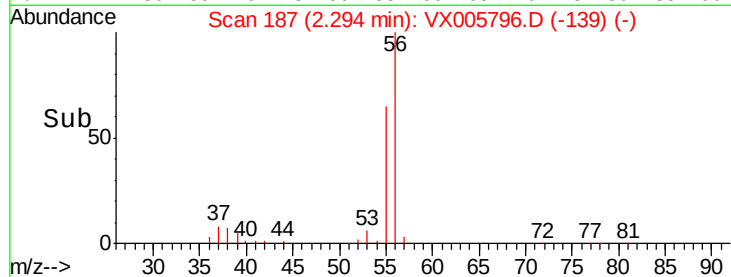
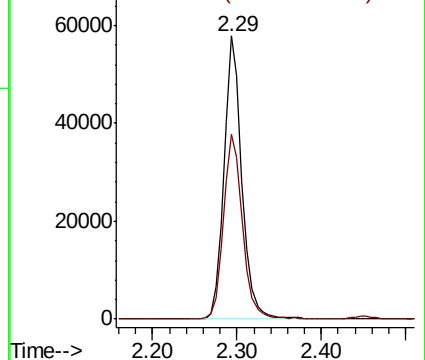
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.241 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

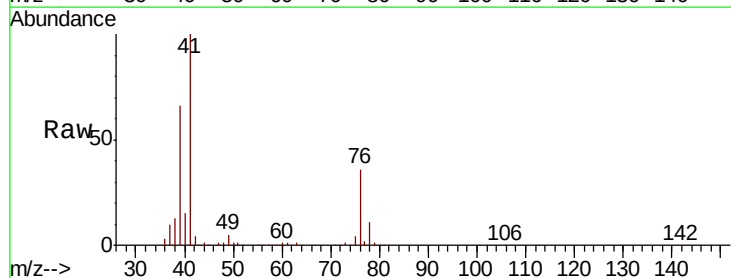
Tgt Ion: 41 Resp: 156195

Ion Ratio Lower Upper

41 100

39 60.4 48.2 72.4

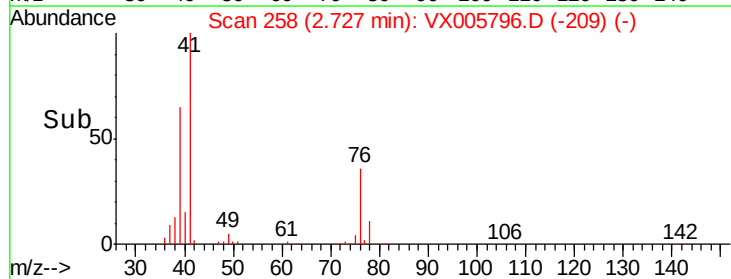
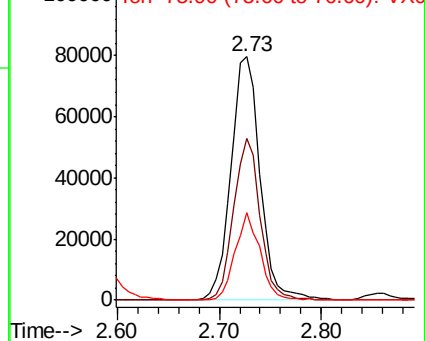
76 30.9 21.9 32.9

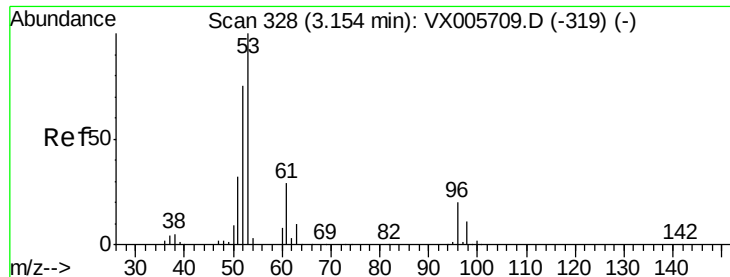


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.752 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

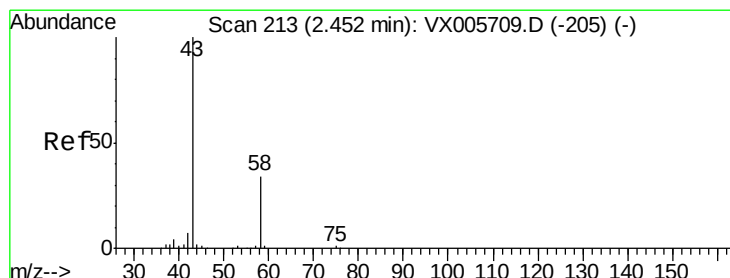
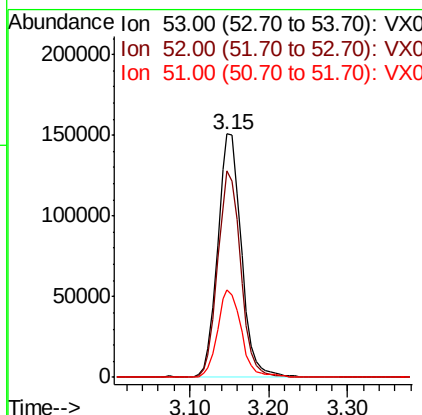
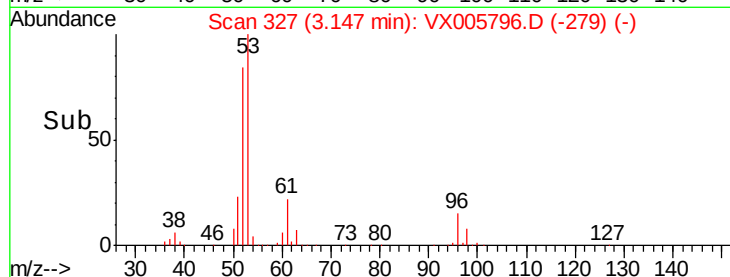
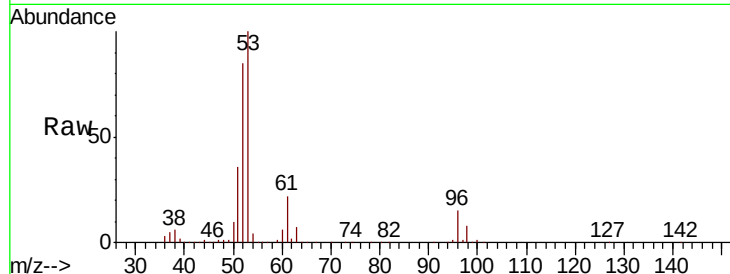
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	313355
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.6	99.8
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 241.725 ug/l

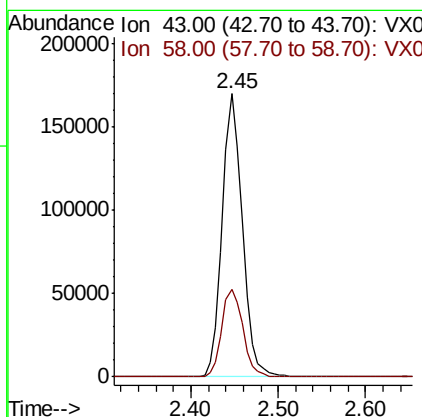
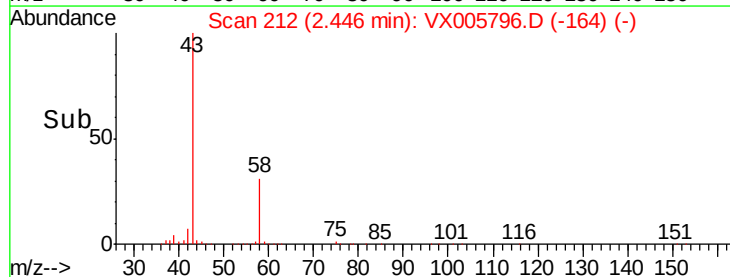
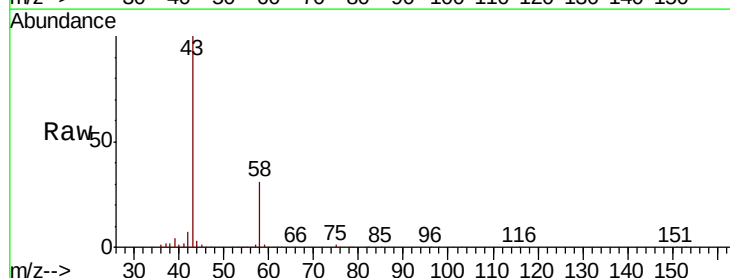
RT: 2.45 min Scan# 212

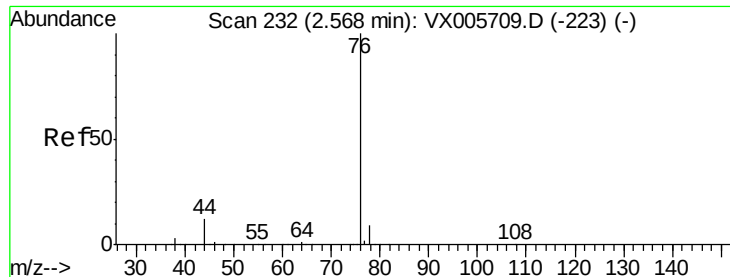
Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion:	43	Resp:	270120
Ion Ratio	Lower	Upper	
43	100		
58	30.8	23.8	35.6





#17

Carbon Disulfide

Concen: 40.555 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 199267

Ion Ratio Lower Upper

76 100

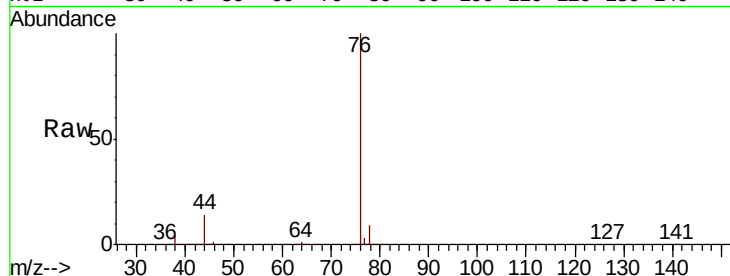
78 9.1 7.3 10.9

Manual Integrations

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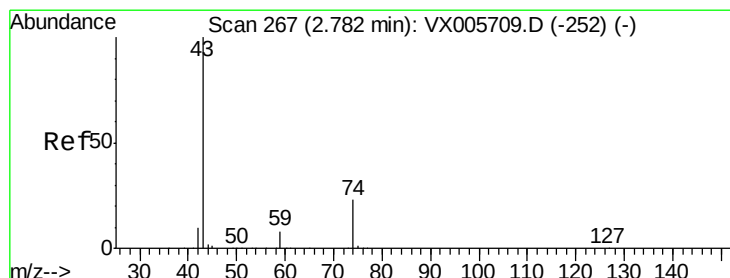
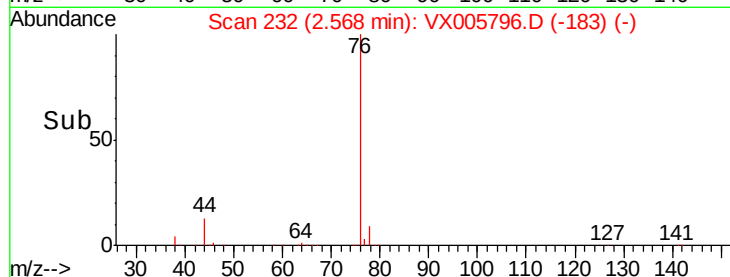
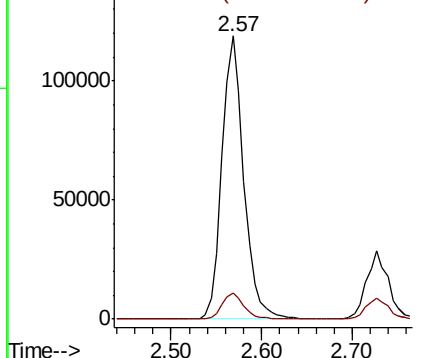
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.957 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005796.D

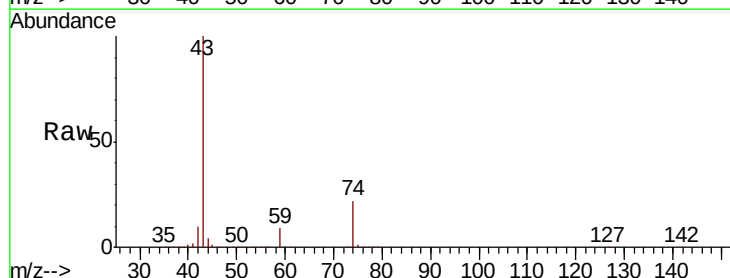
Acq: 05 Nov 2018 23:10

Tgt Ion: 43 Resp: 158731

Ion Ratio Lower Upper

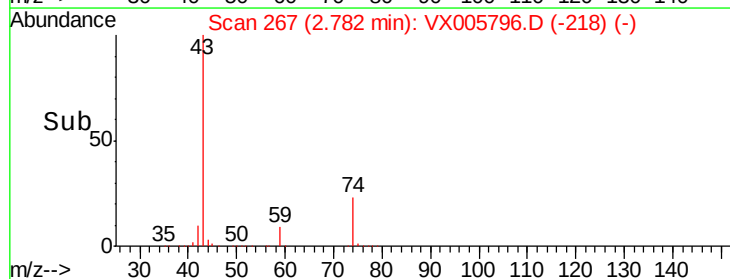
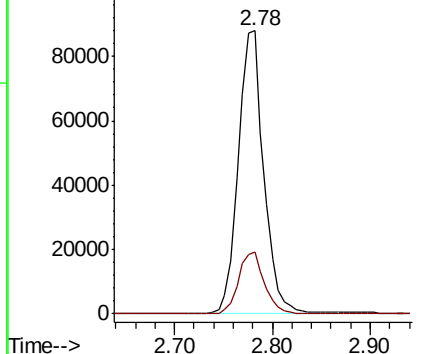
43 100

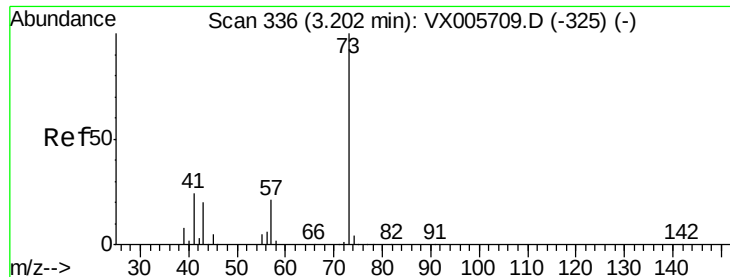
74 22.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





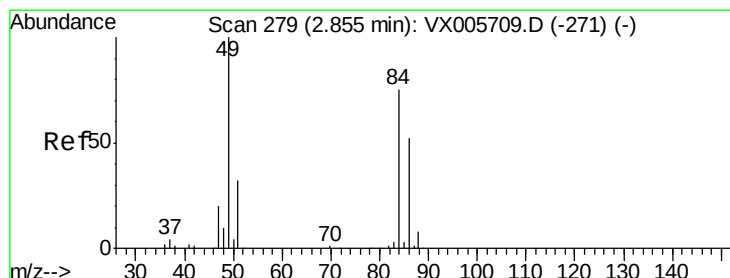
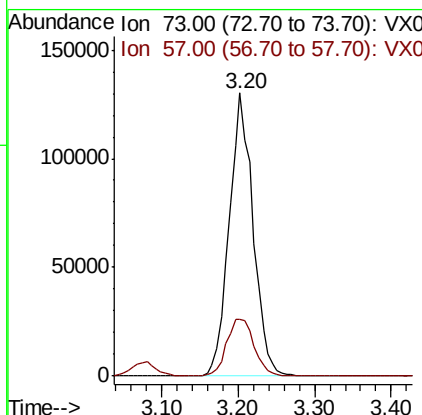
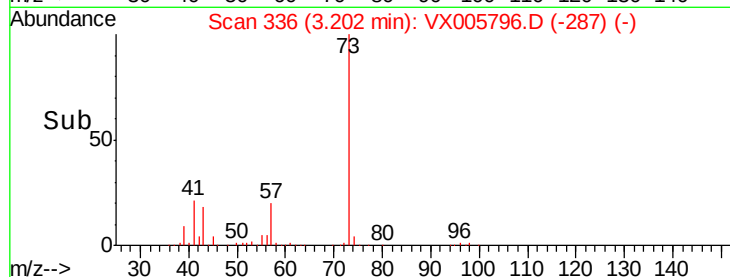
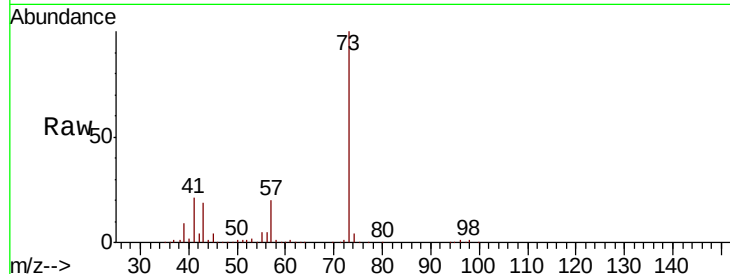
#19
Methyl tert-butyl Ether
Concen: 50.760 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	18.8	28.2

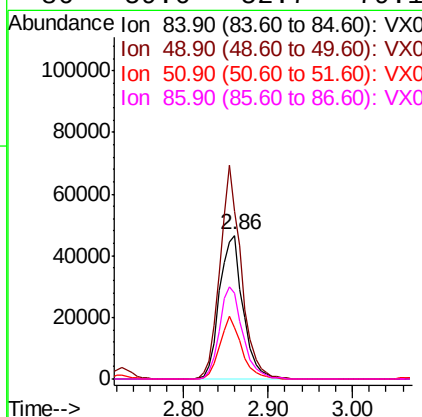
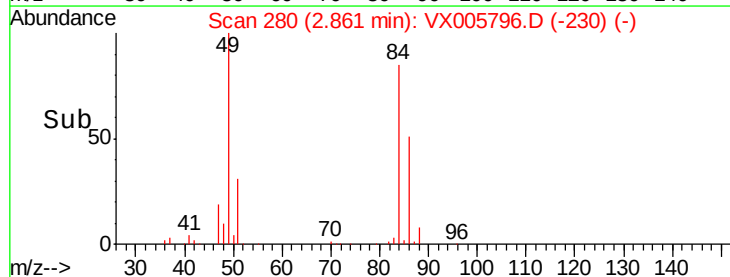
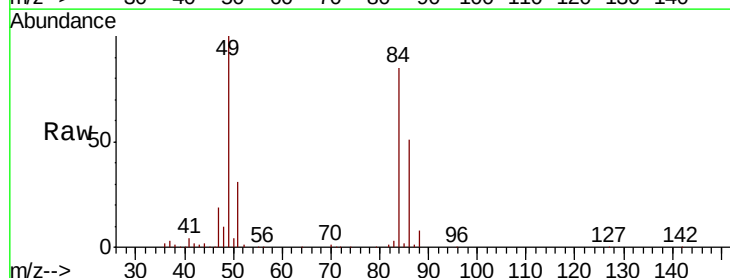
Manual Integrations
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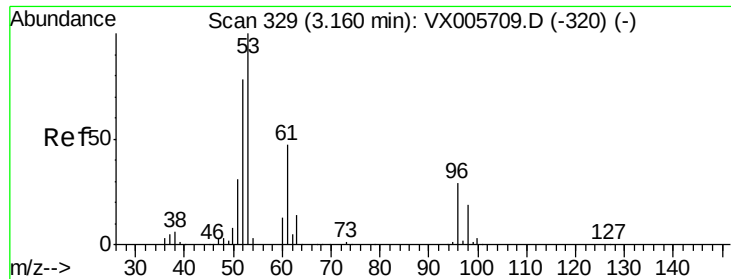
apatel
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#20
Methylene Chloride
Concen: 47.903 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.1	109.5	164.3
51	35.9	33.3	49.9
86	59.6	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 45.884 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

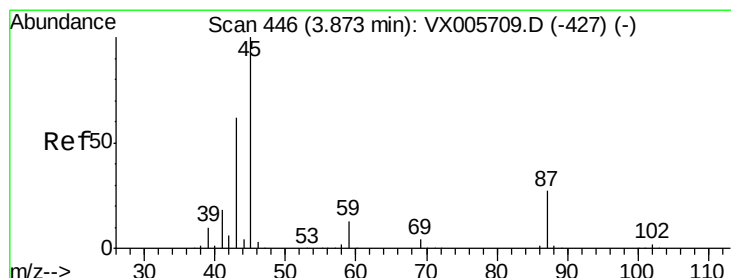
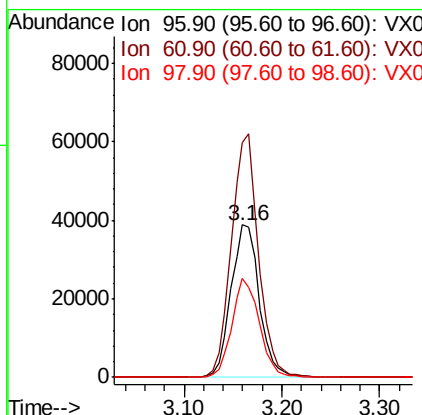
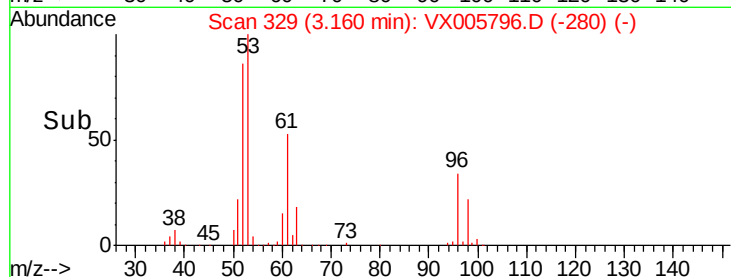
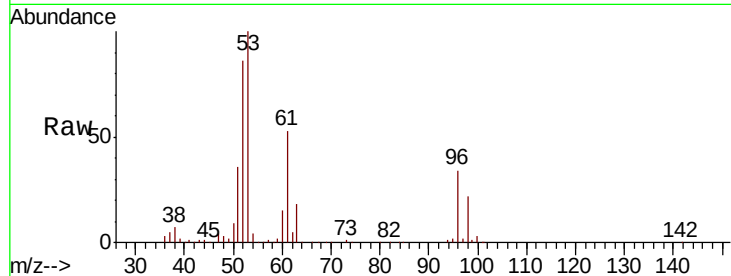
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	77634
Ion	Ratio	Lower	Upper
96	100		
61	153.4	115.6	173.4
98	64.7	50.2	75.2

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#22

Diisopropyl ether

Concen: 49.425 ug/l

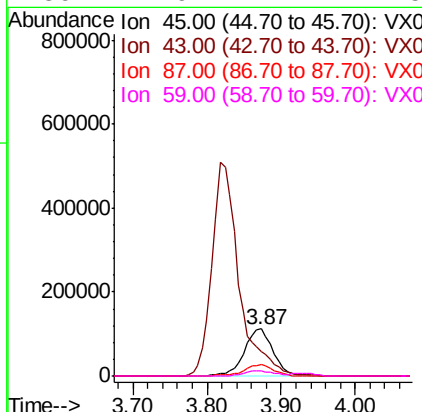
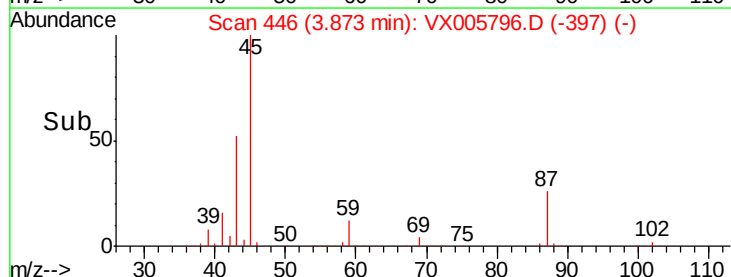
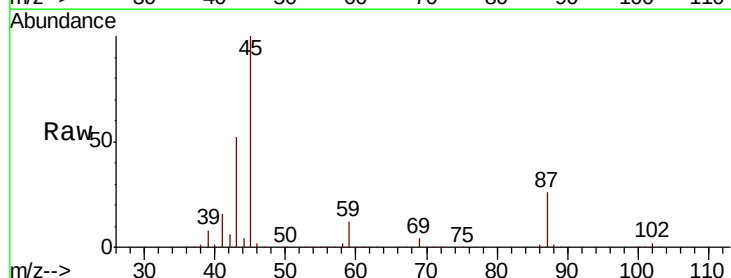
RT: 3.87 min Scan# 446

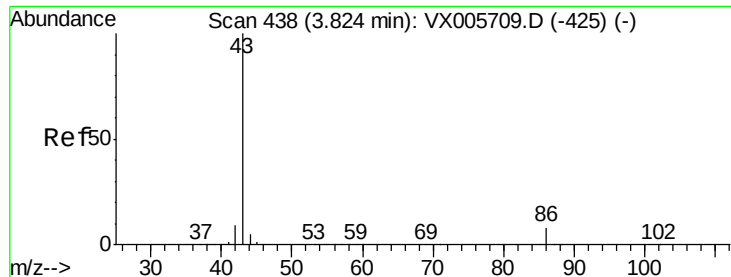
Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion:	45	Resp:	303136
Ion	Ratio	Lower	Upper
45	100		
43	52.0	47.4	71.2
87	25.7	15.9	23.9#
59	11.9	7.7	11.5#





#23

Vinyl Acetate

Concen: 240.435 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1284444

Ion Ratio Lower Upper

43 100

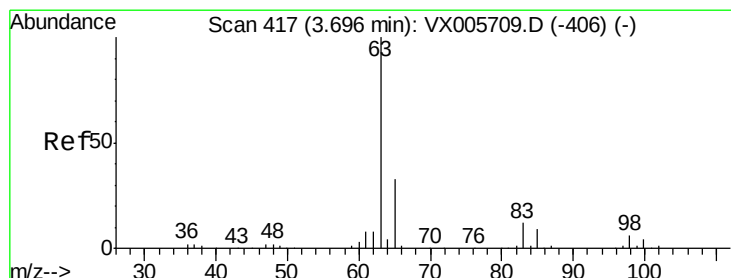
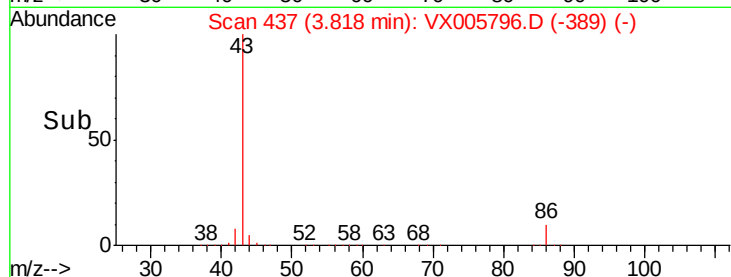
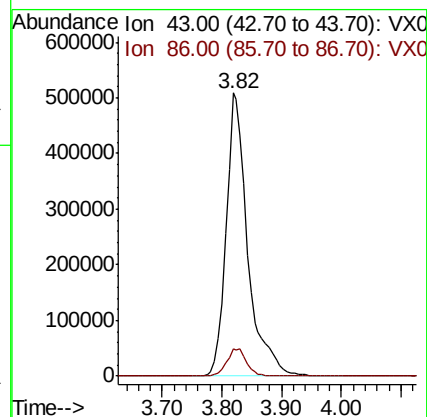
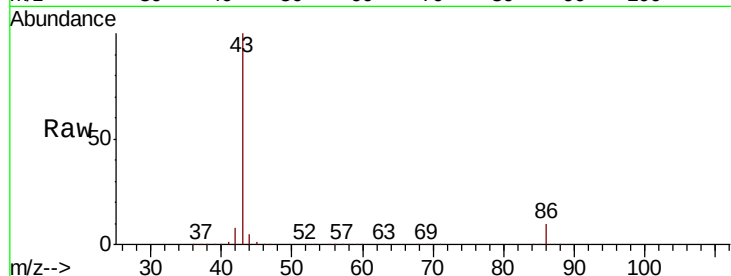
86 9.6 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 47.100 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

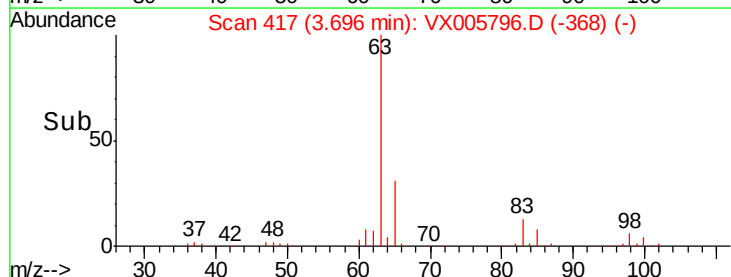
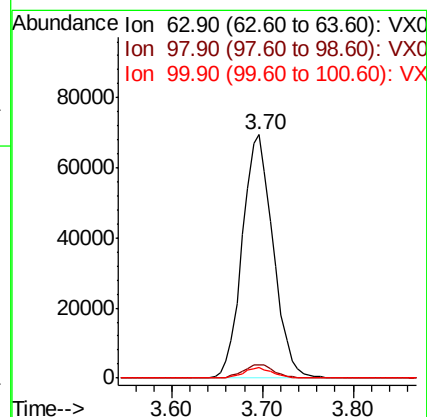
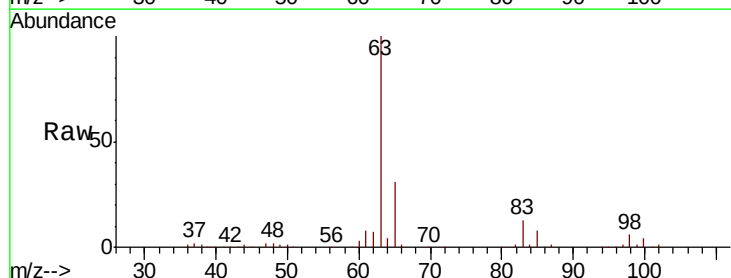
Tgt Ion: 63 Resp: 163349

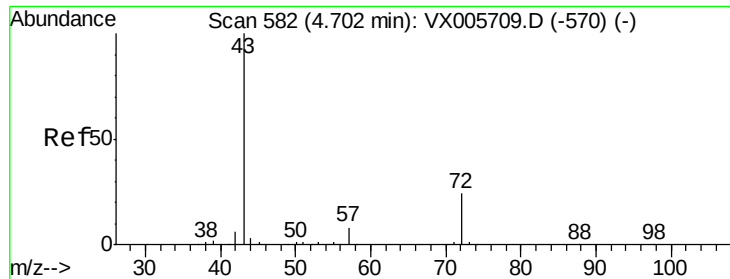
Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 230.142 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 421376

Ion Ratio Lower Upper

43 100

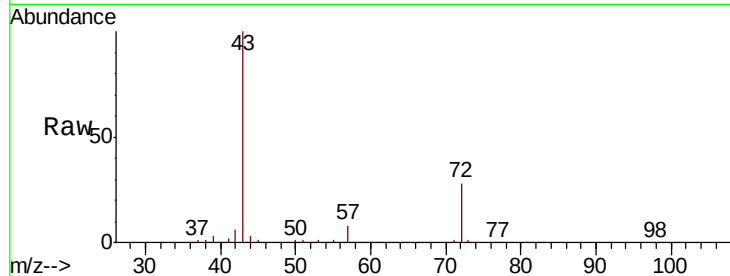
72 28.2 19.2 28.8

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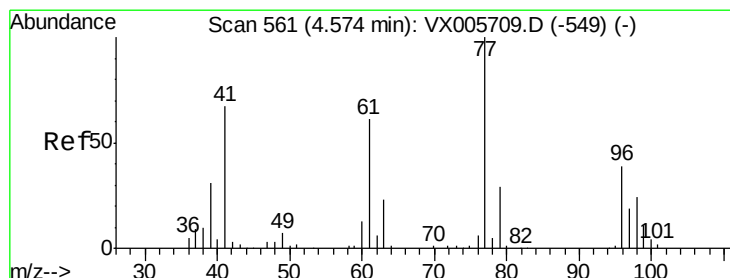
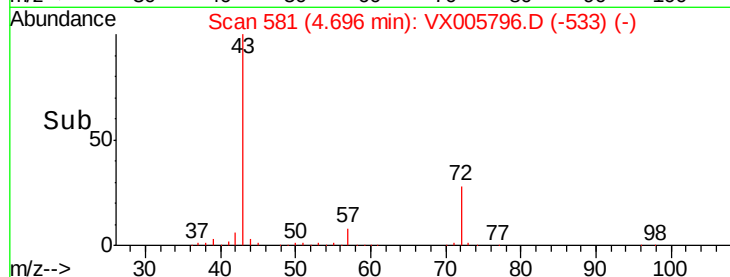
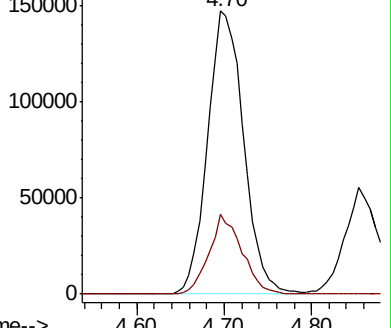
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.550 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005796.D

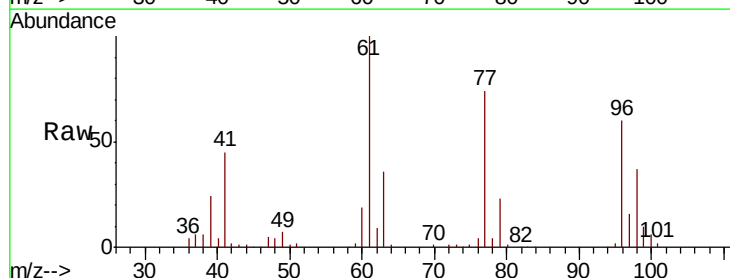
Acq: 05 Nov 2018 23:10

Tgt Ion: 77 Resp: 97347

Ion Ratio Lower Upper

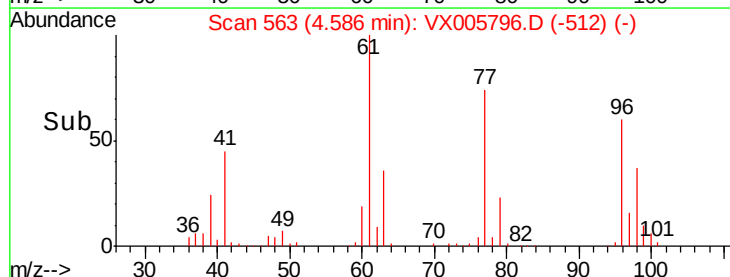
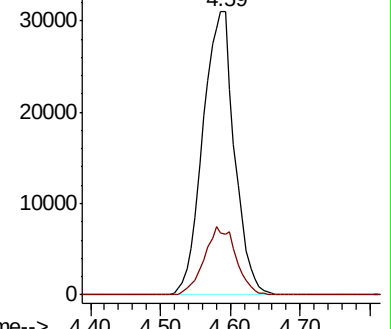
77 100

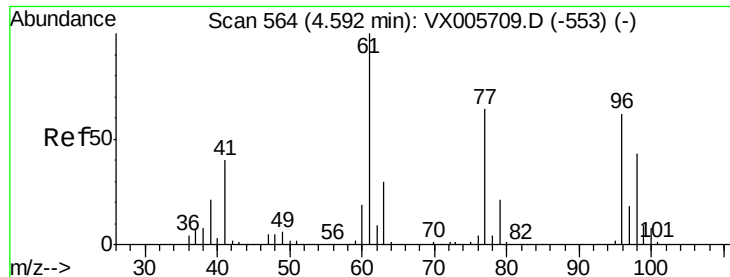
97 24.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

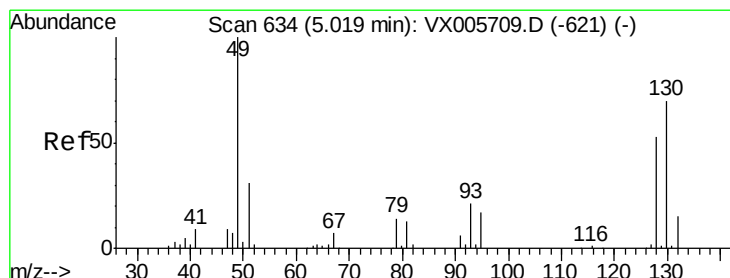
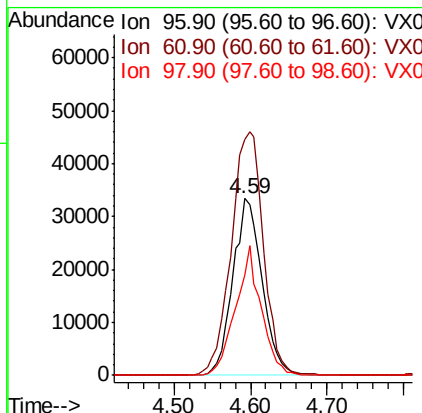
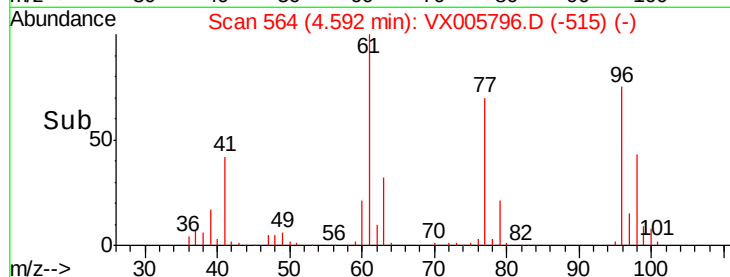
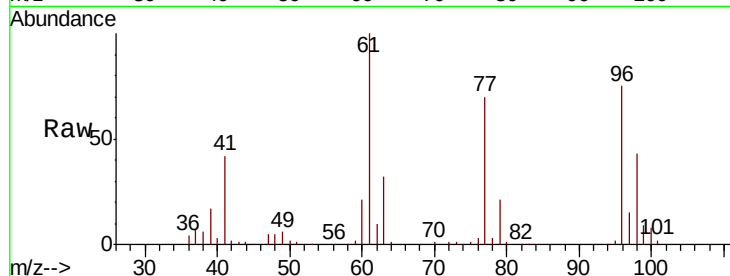
cis-1,2-Dichloroethene
Concen: 46.394 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	88205		
61	152.3		0.0	304.6
98	64.0		0.0	127.4

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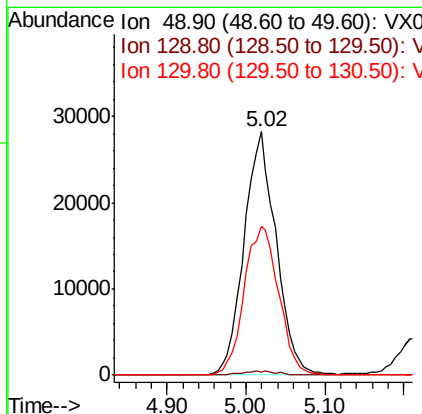
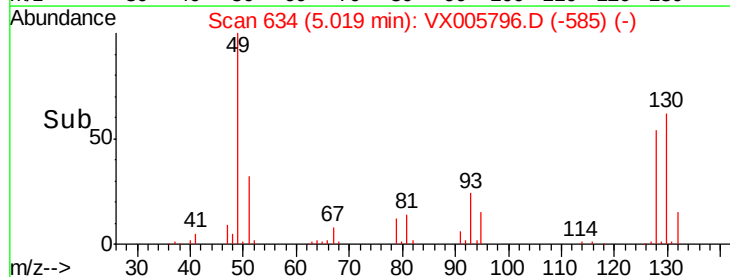
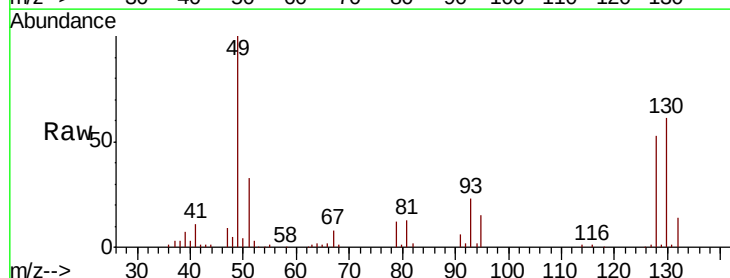
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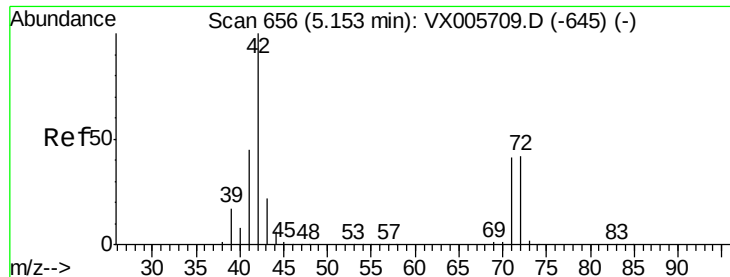


#28

Bromochloromethane
Concen: 47.329 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80079		
129	1.7		0.0	4.0
130	65.5		58.9	88.3





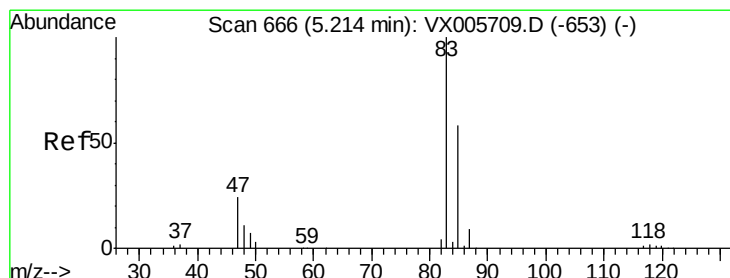
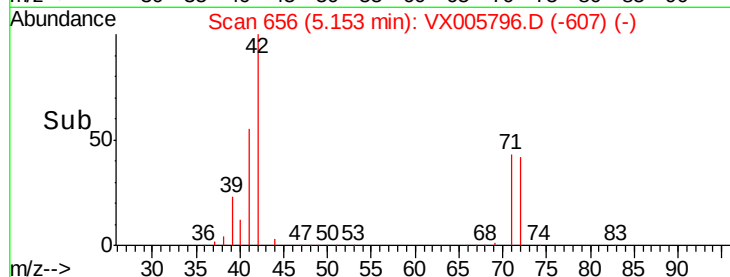
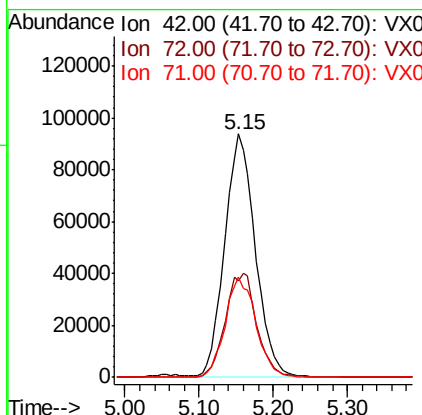
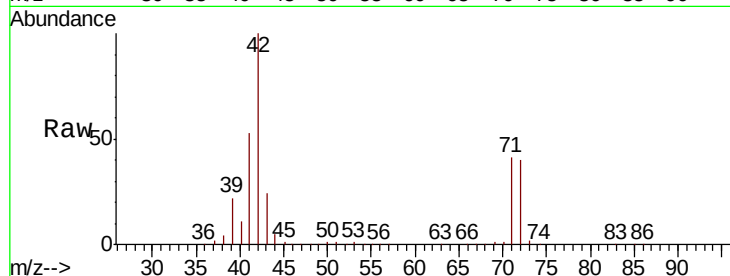
#29
Tetrahydrofuran
Concen: 240.794 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	32.0	48.0
71	41.5	29.8	44.8

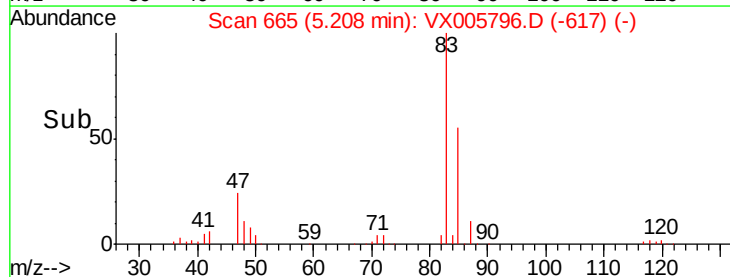
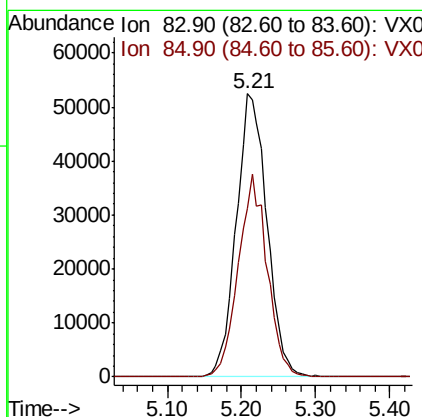
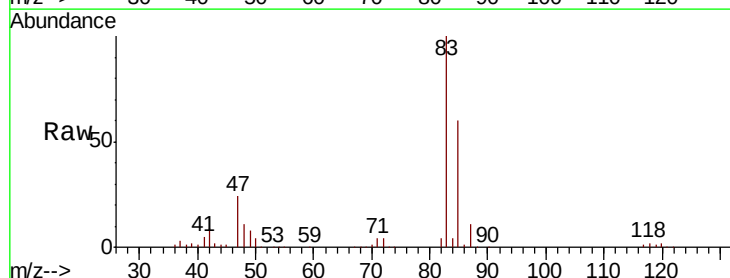
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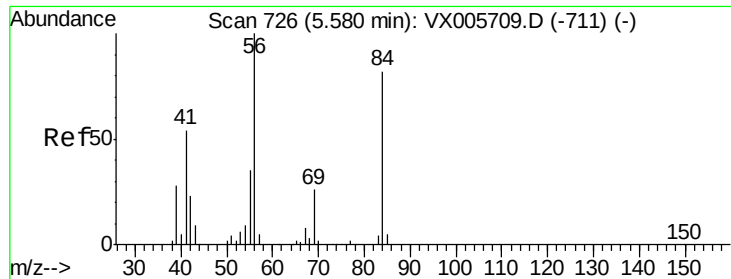
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#30
Chloroform
Concen: 44.843 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.5	50.6	76.0





#31

Cyclohexane

Concen: 46.288 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

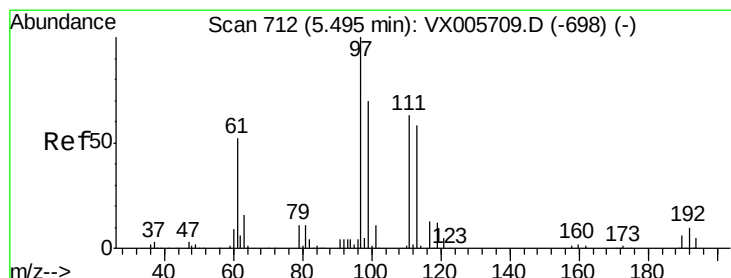
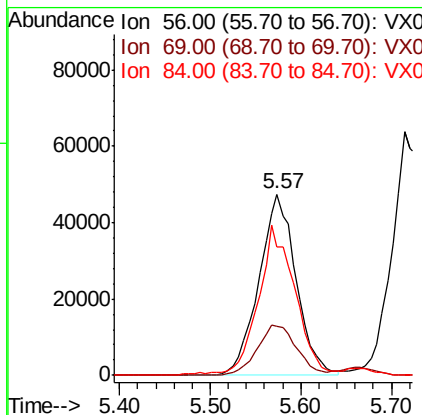
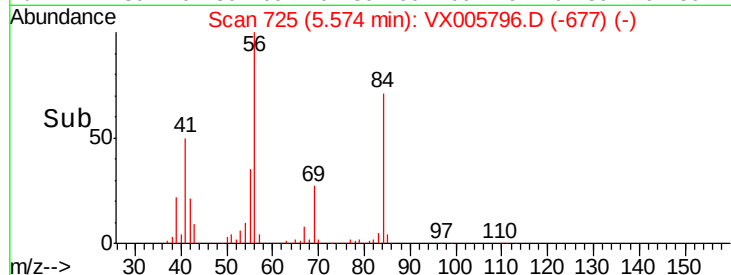
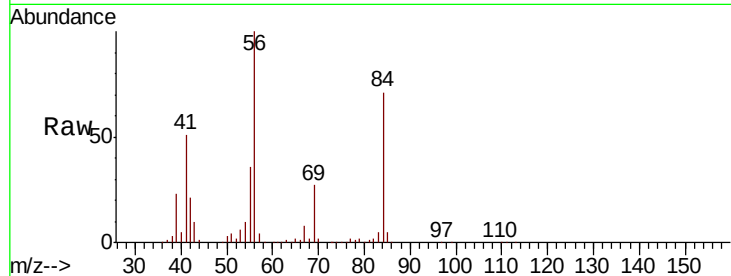
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	134242
Ion	Ratio	Lower	Upper
56	100		
69	27.0	22.6	34.0
84	70.2	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 47.056 ug/l

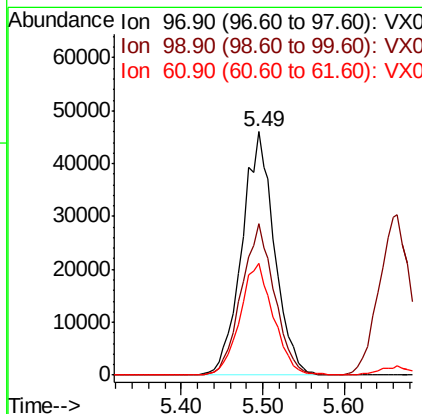
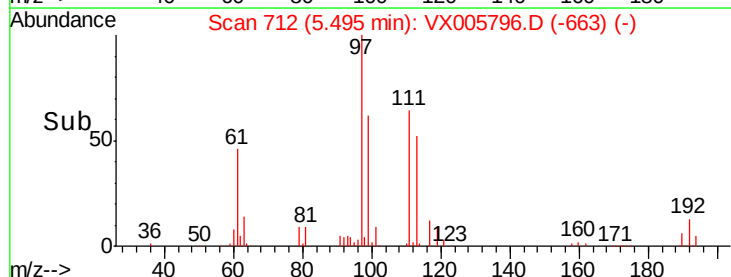
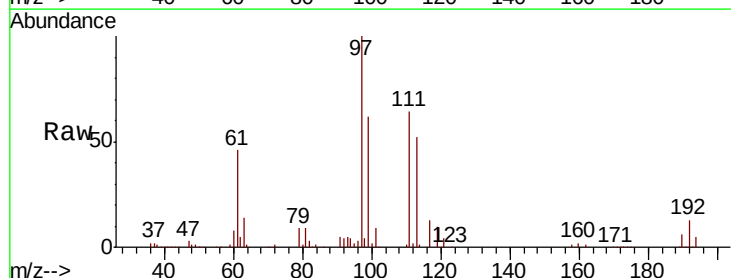
RT: 5.49 min Scan# 712

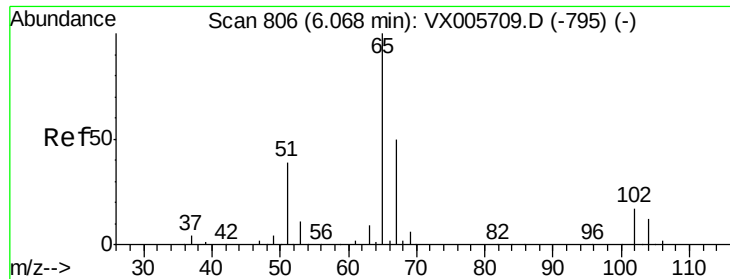
Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion:	97	Resp:	127694
Ion	Ratio	Lower	Upper
97	100		
99	63.1	52.3	78.5
61	47.1	35.2	52.8





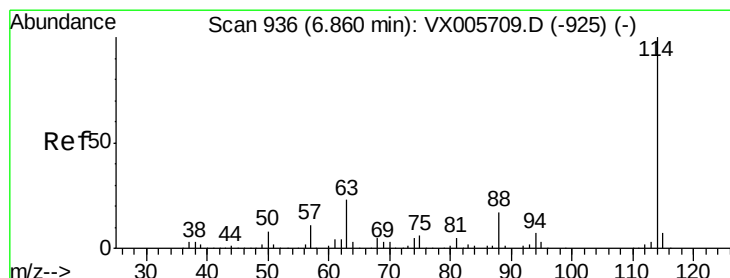
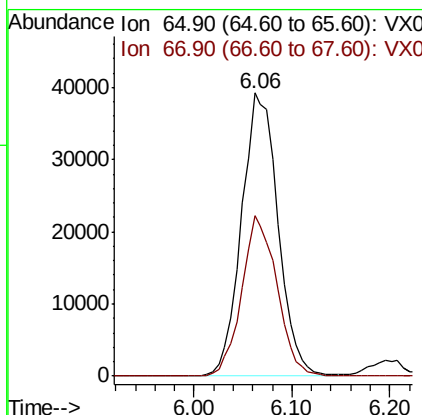
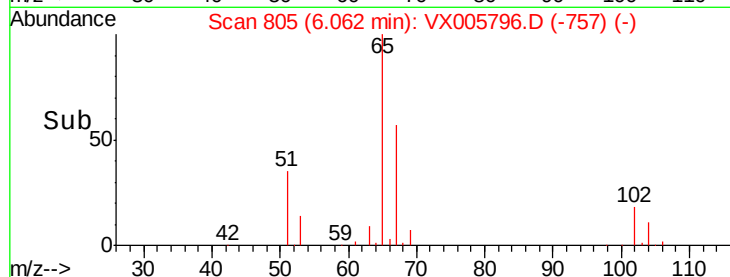
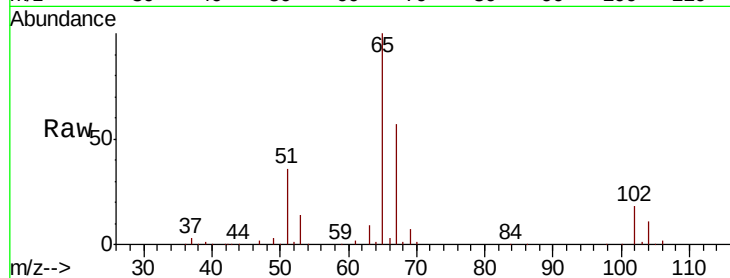
#33
 1,2-Dichloroethane-d4
 Concen: 46.862 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	101715		
67	54.8	0.0	105.0	

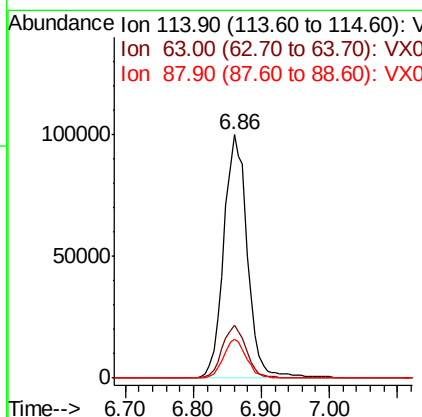
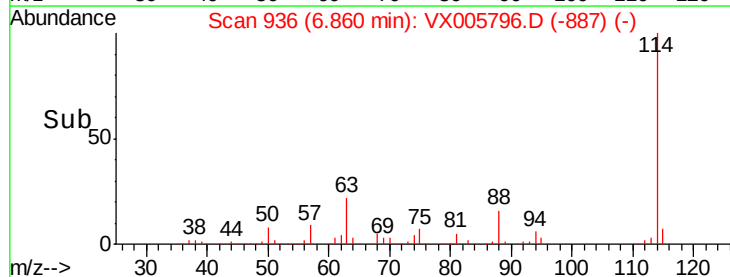
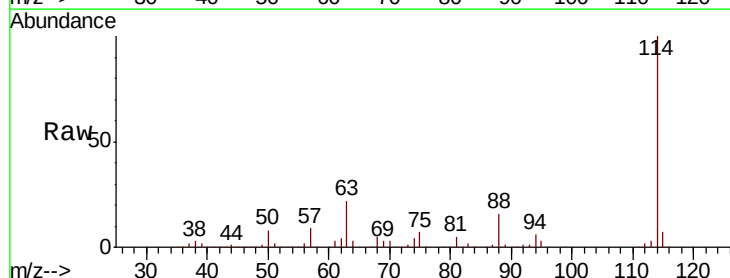
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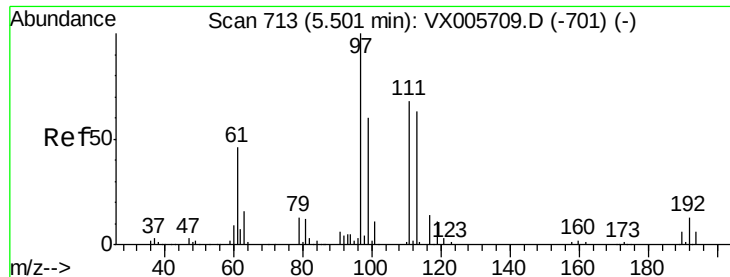
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	240314		
63	21.6	0.0	42.8	
88	15.7	0.0	31.2	





#35

Dibromofluoromethane

Concen: 47.227 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

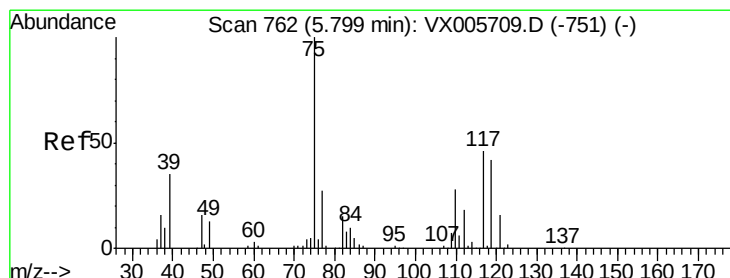
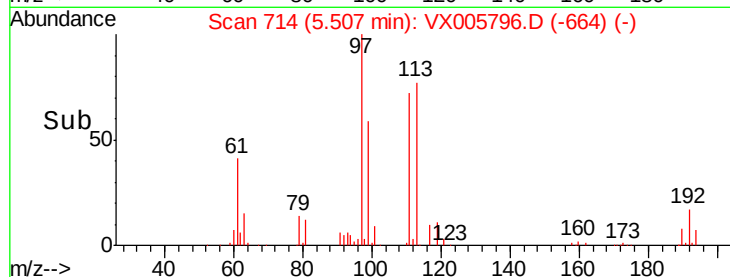
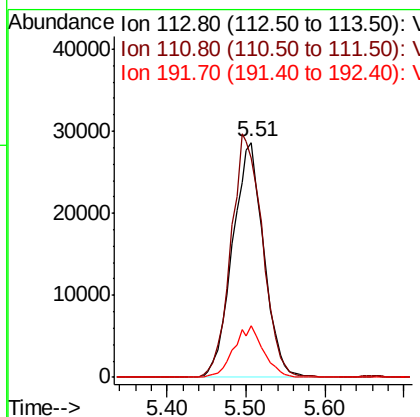
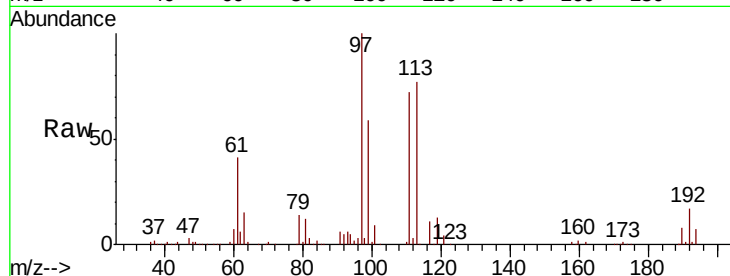
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	78583
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.3	123.5
192	20.7	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 45.443 ug/l

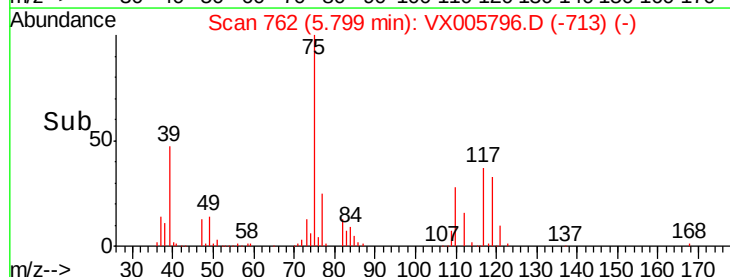
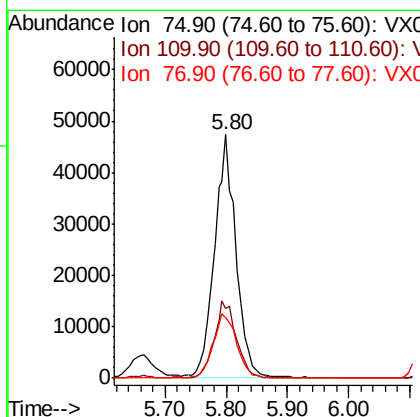
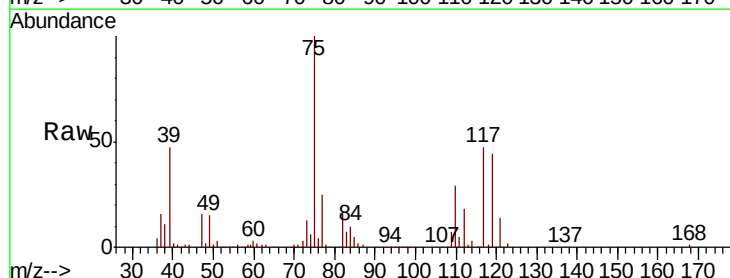
RT: 5.80 min Scan# 762

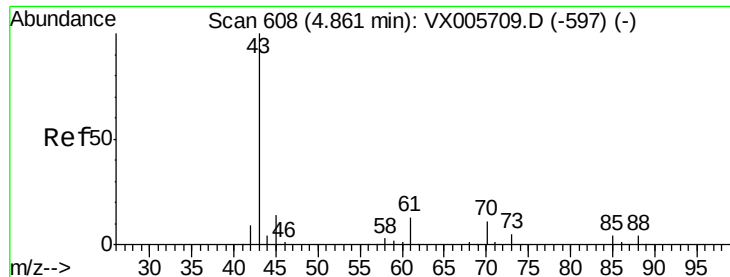
Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion:	75	Resp:	116350
Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.4	52.2
77	29.1	25.8	38.6





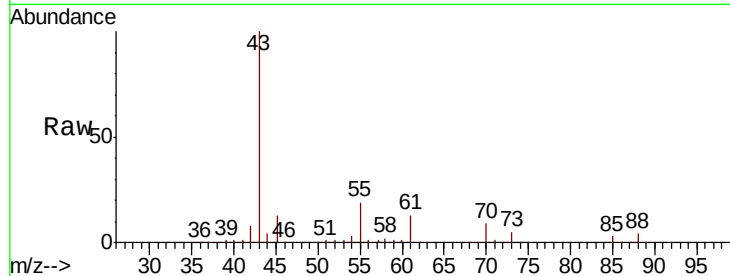
#37
Ethyl Acetate
Concen: 46.020 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

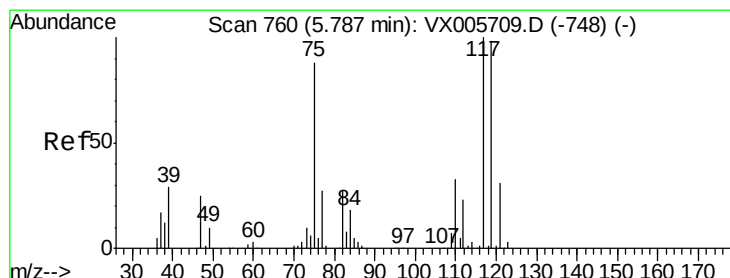
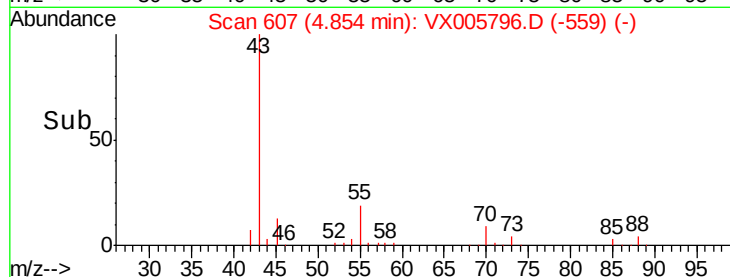
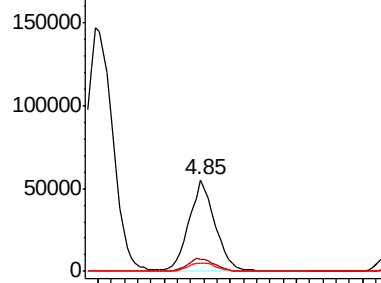
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.8	16.2
70	10.4	7.8	11.8

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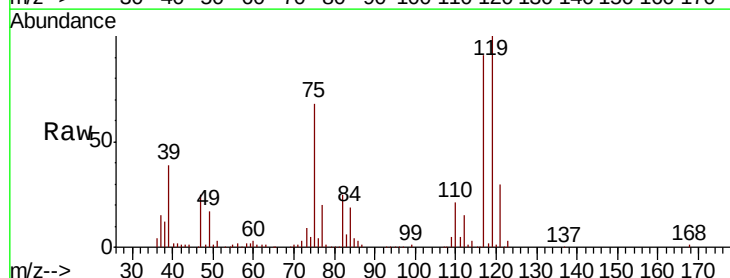


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

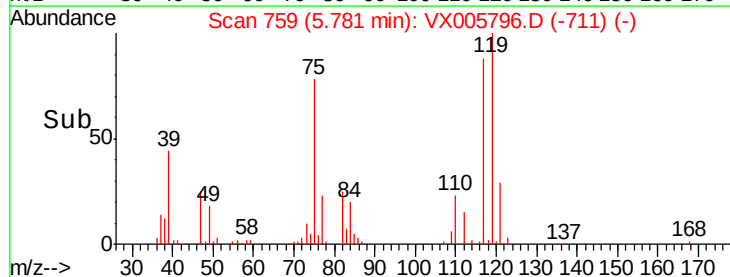
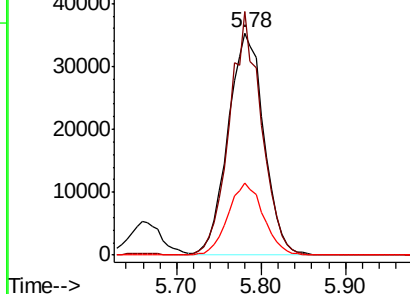


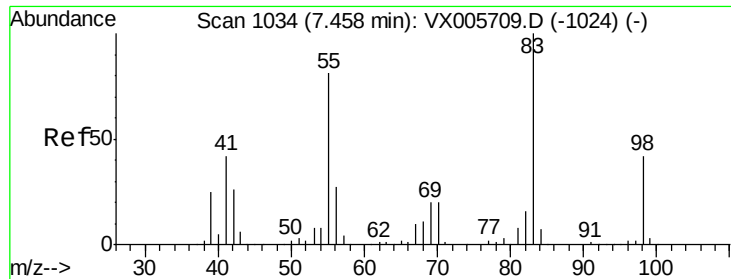
#38
Carbon Tetrachloride
Concen: 44.051 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	109.6	78.1	117.1
121	32.7	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





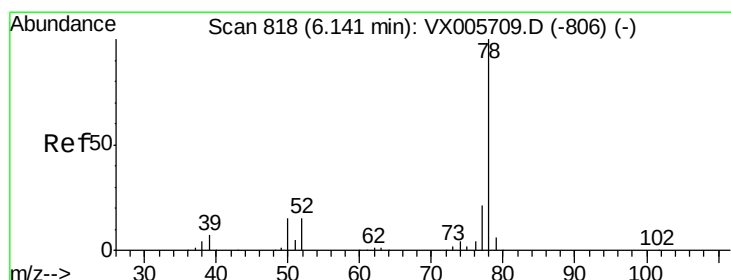
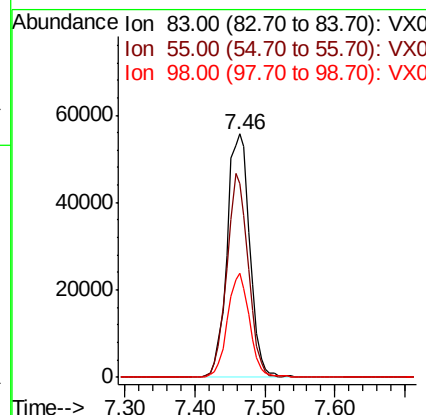
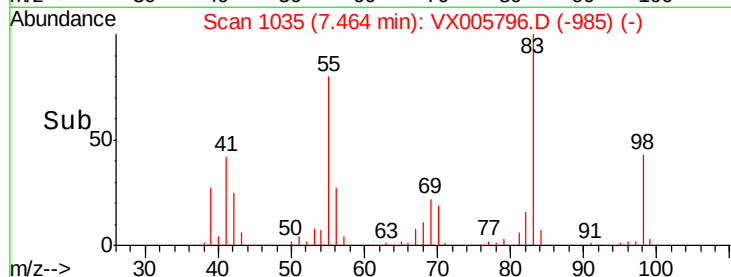
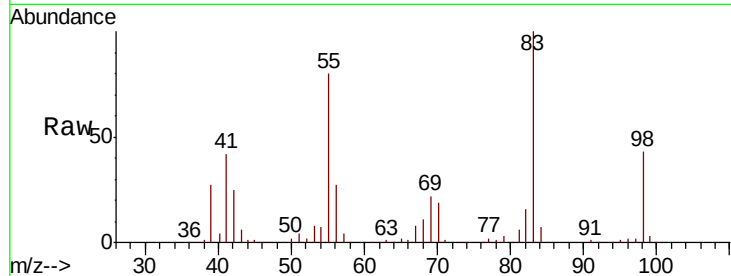
#39
Methylvlcyclohexane
Concen: 46.997 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.7	95.5
98	42.9	36.2	54.2

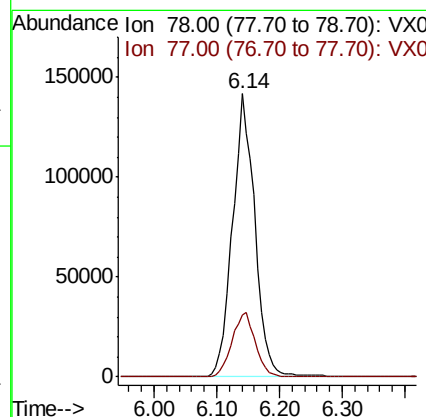
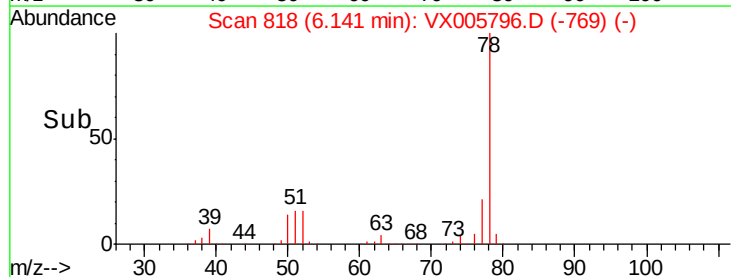
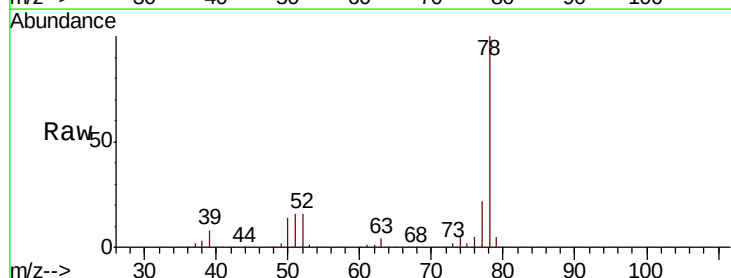
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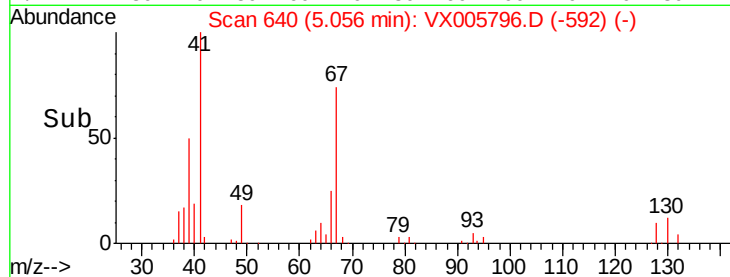
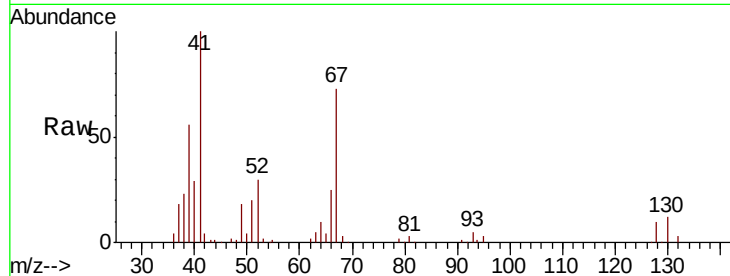
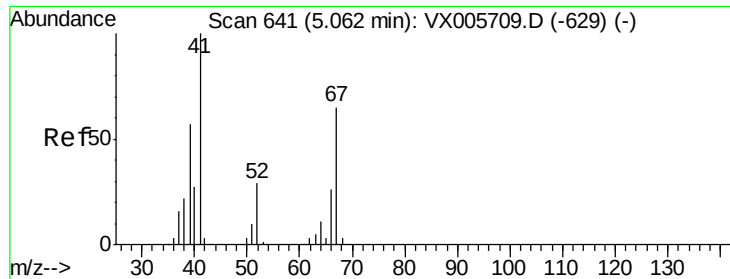
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#40
Benzene
Concen: 45.885 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.4	27.6





#41

Methacrylonitrile

Concen: 46.245 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tot Ion:	41	Resp:	81621
Ion Ratio	Lower	Upper	
41	100		
39	54.4	42.2	63.2
67	73.5	53.4	80.0
52	30.7	23.4	35.2

Instrument :

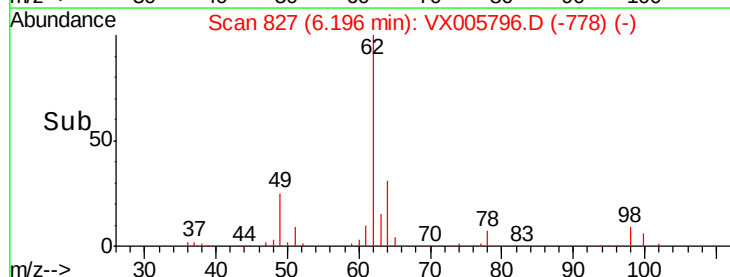
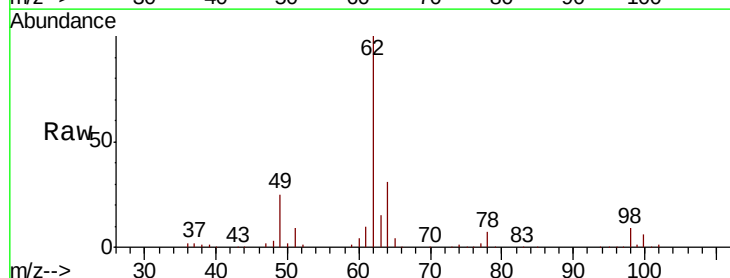
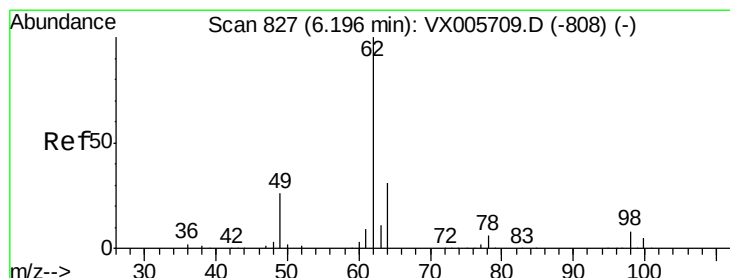
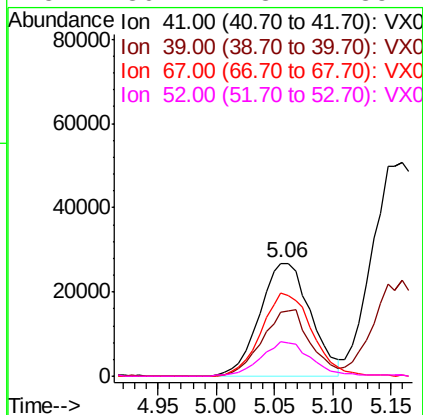
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#42

1,2-Dichloroethane

Concen: 44.550 ug/l

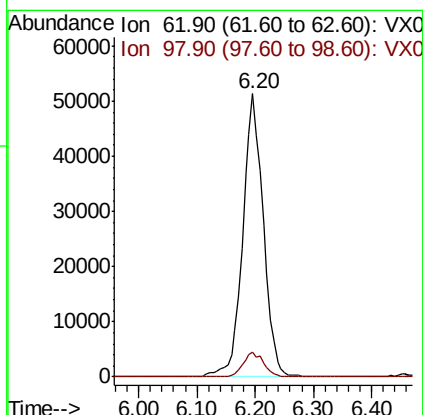
RT: 6.20 min Scan# 827

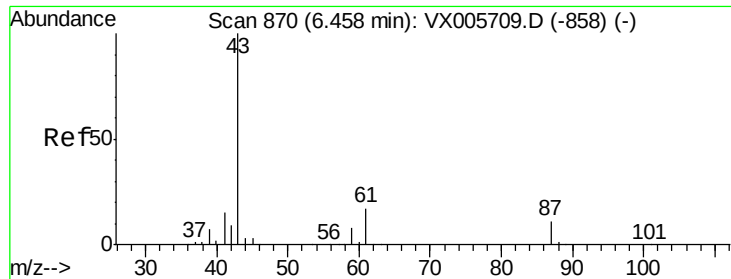
Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion:	62	Resp:	125431
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	17.8





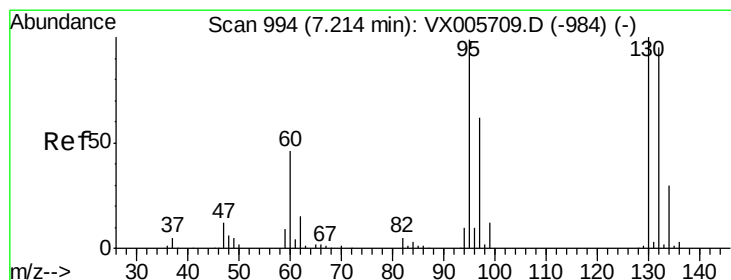
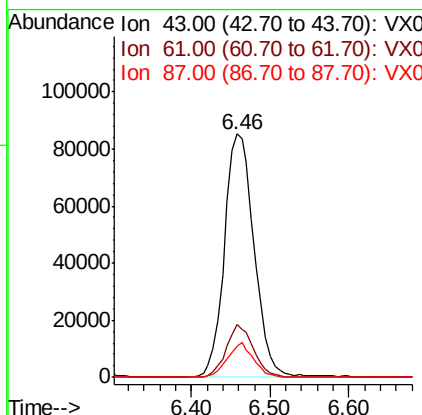
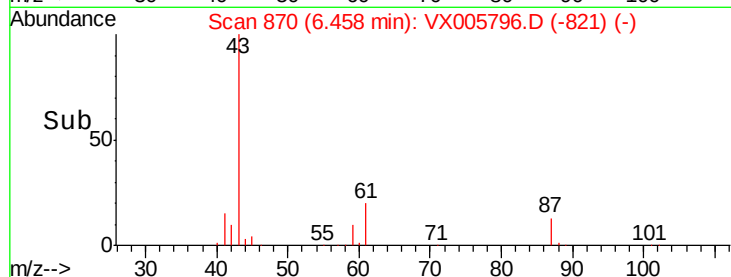
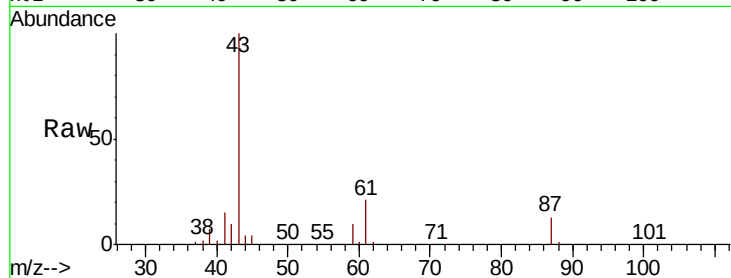
#43
Isopropyl Acetate
Concen: 46.858 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.6	22.0
87	12.5	9.6	14.4

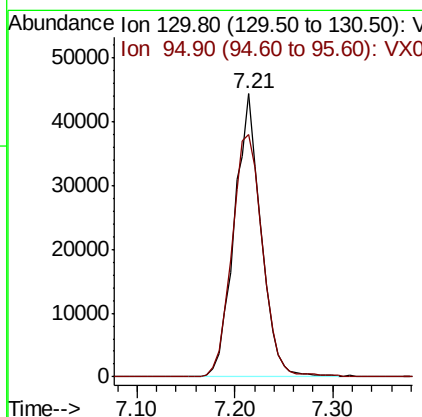
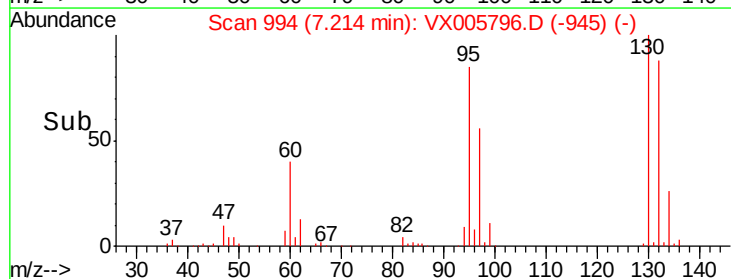
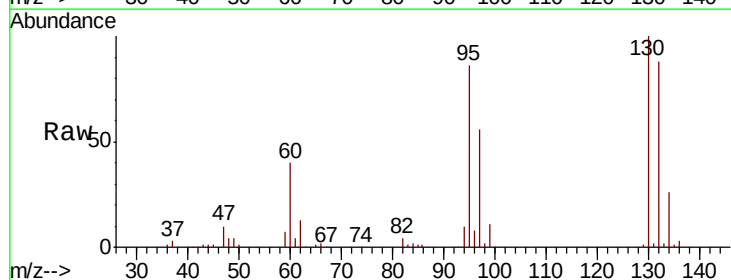
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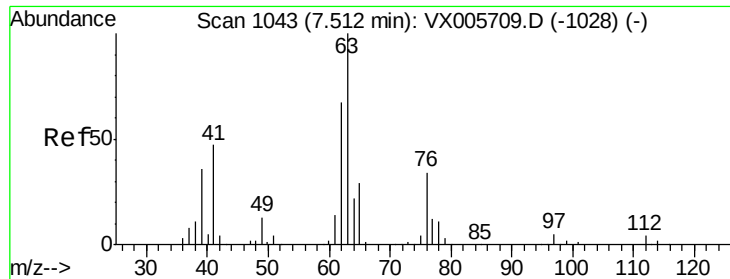
apatel
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#44
Trichloroethene
Concen: 47.641 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.5	0.0	194.2





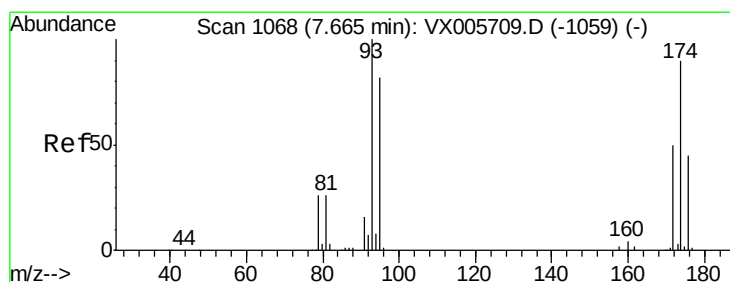
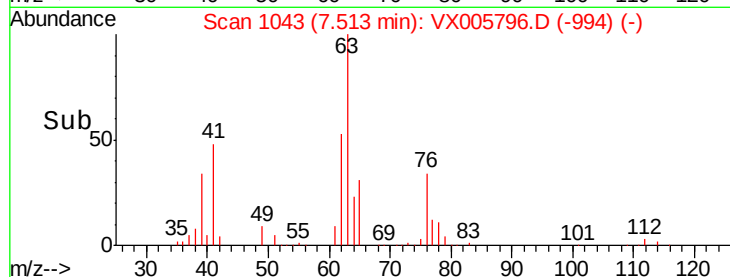
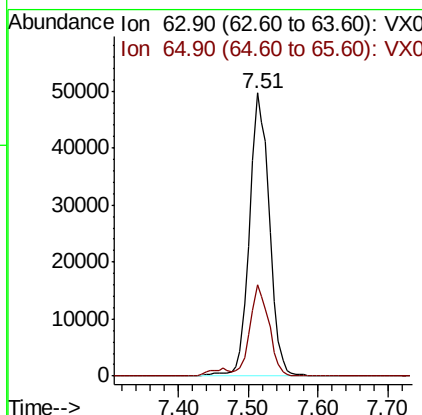
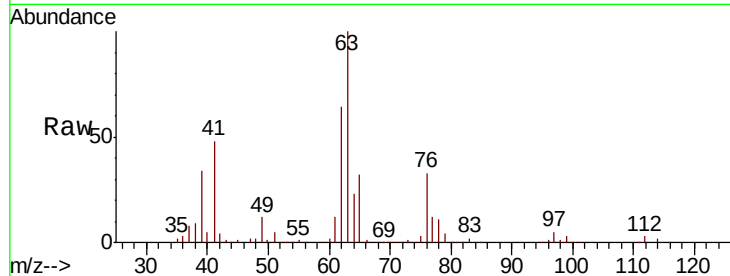
#45
 1,2-Dichloropropane
 Concen: 50.311 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 98206
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2

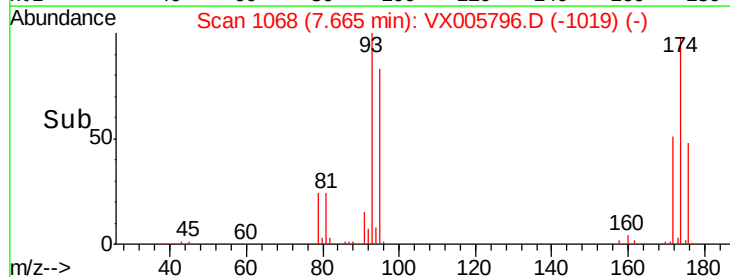
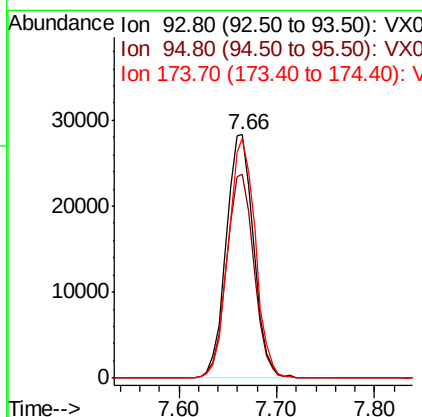
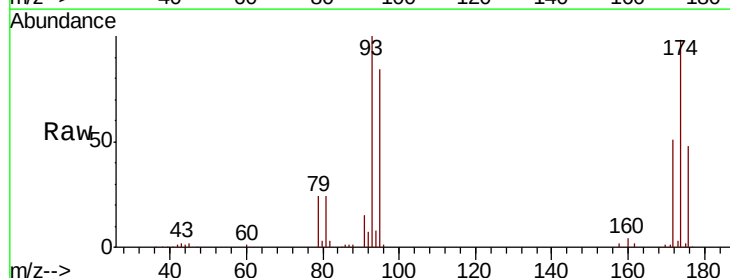
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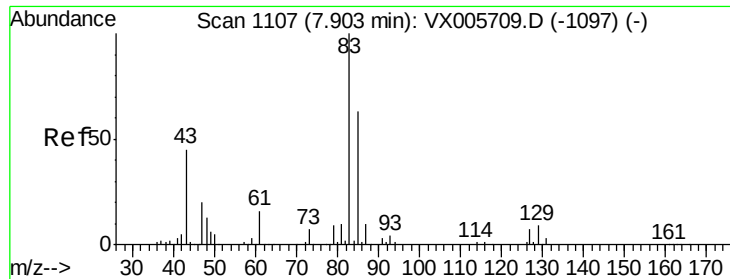
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#46
 Dibromomethane
 Concen: 44.260 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 93 Resp: 55213
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 97.0 91.5 137.3





#47

Bromodichloromethane

Concen: 46.177 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

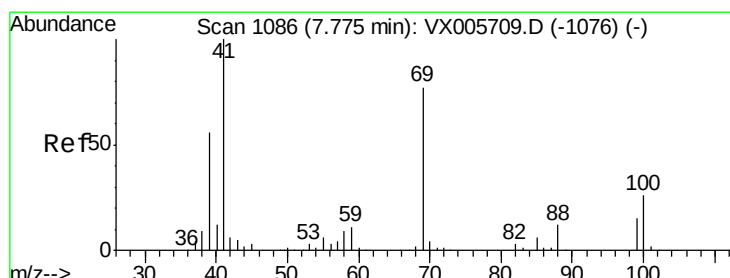
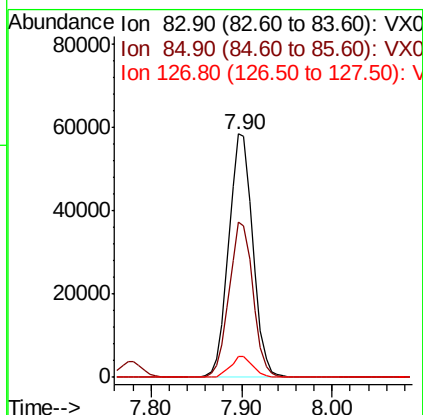
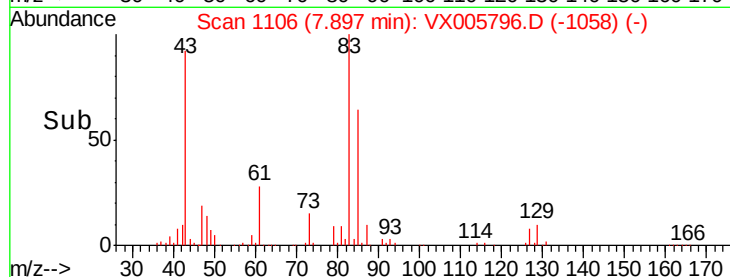
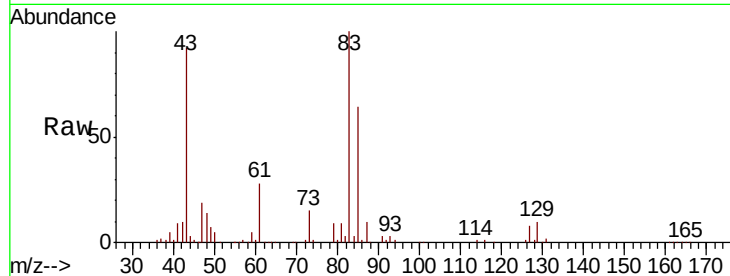
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	108052
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.2	75.4
127	8.4	6.9	10.3

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#48

Methyl methacrylate

Concen: 48.100 ug/l

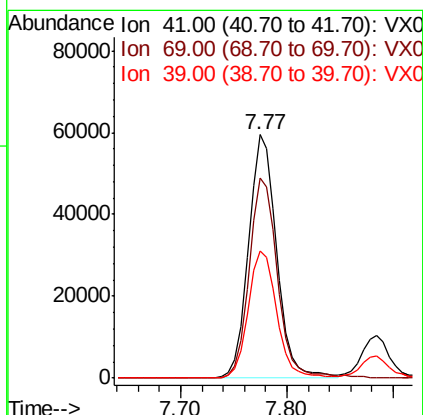
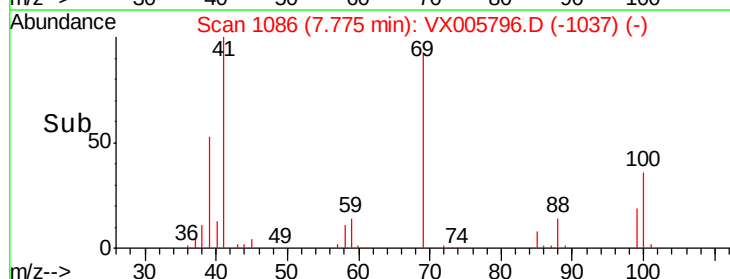
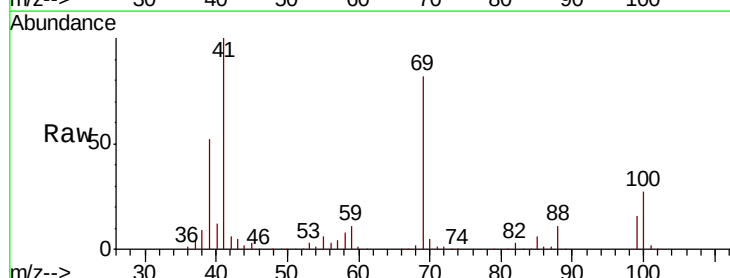
RT: 7.77 min Scan# 1086

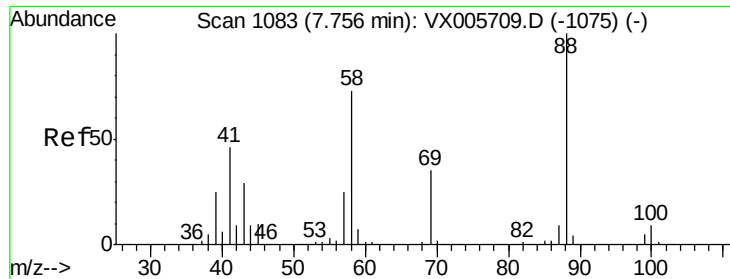
Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion:	41	Resp:	110371
Ion Ratio	Lower	Upper	
41	100		
69	83.3	63.2	94.8
39	53.5	42.2	63.2





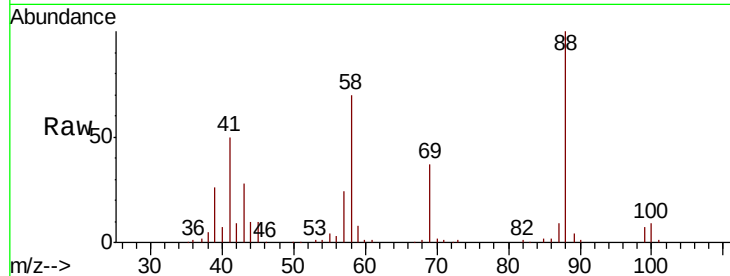
#49
1,4-Dioxane
Concen: 964.513 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

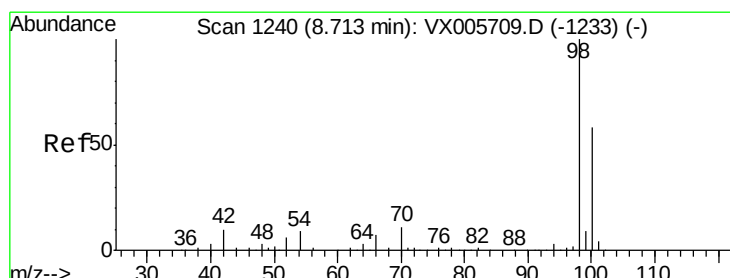
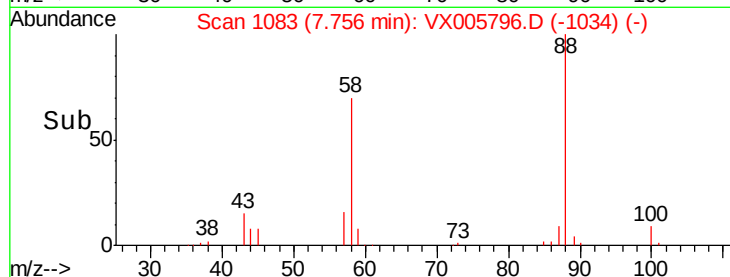
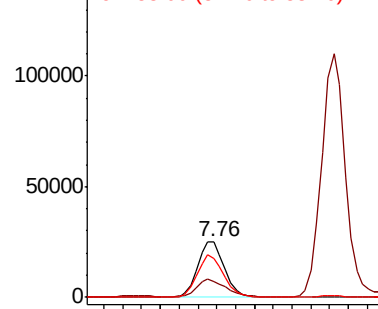
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.4	41.0
58	75.7	59.4	89.2

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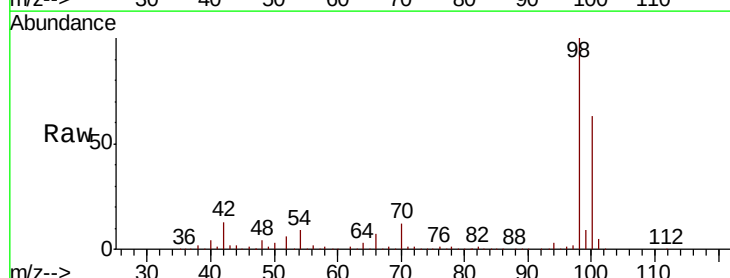


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

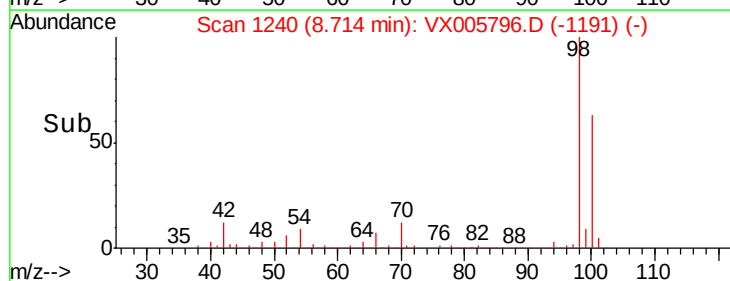
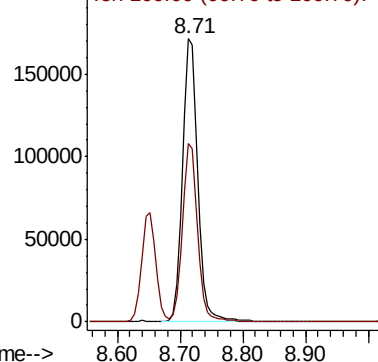


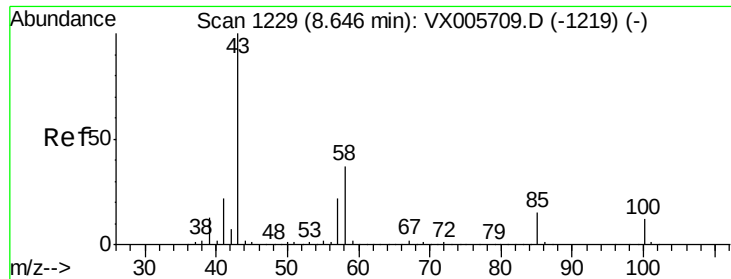
#50
Toluene-d8
Concen: 49.720 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.3	51.3	76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 241.510 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 780738

Ion Ratio Lower Upper

43 100

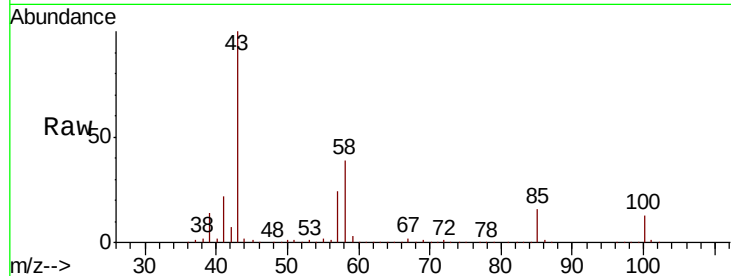
58 39.4 29.7 44.5

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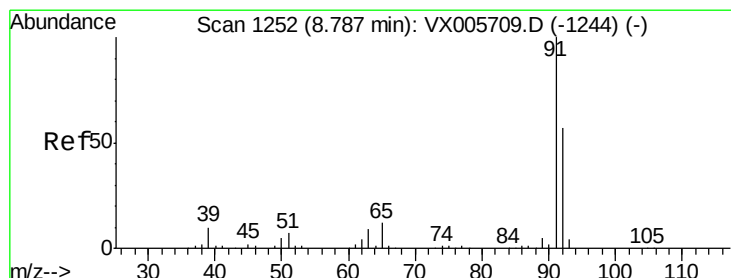
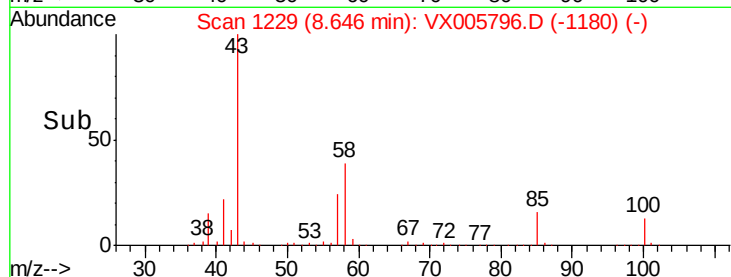
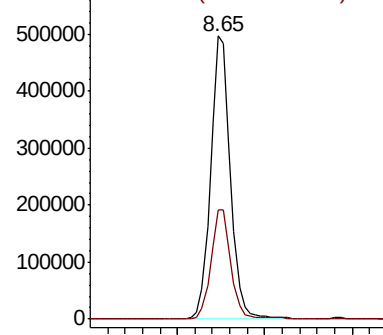
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.192 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005796.D

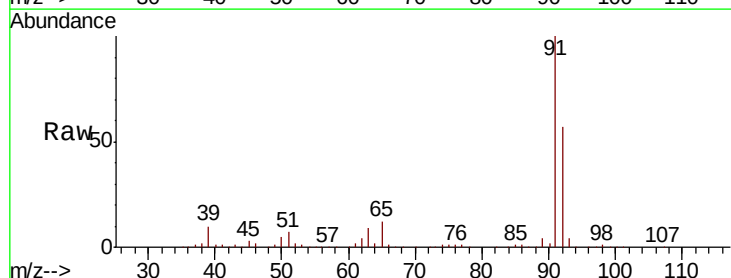
Acq: 05 Nov 2018 23:10

Tgt Ion: 92 Resp: 194432

Ion Ratio Lower Upper

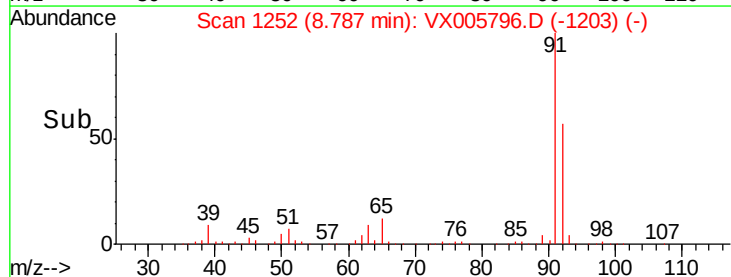
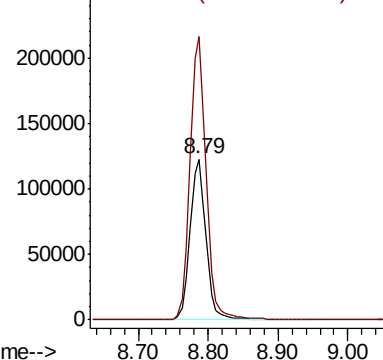
92 100

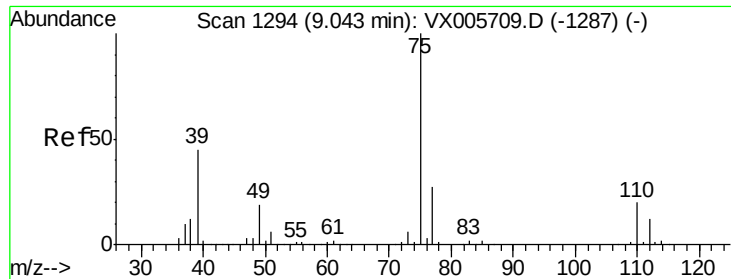
91 178.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





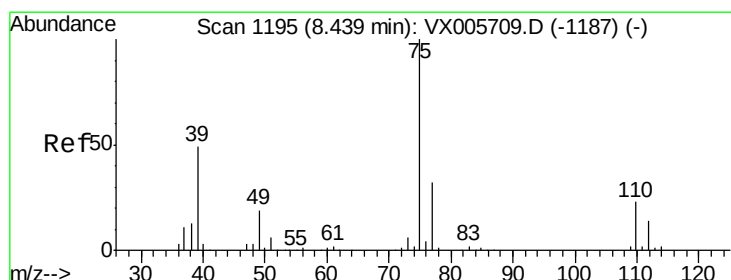
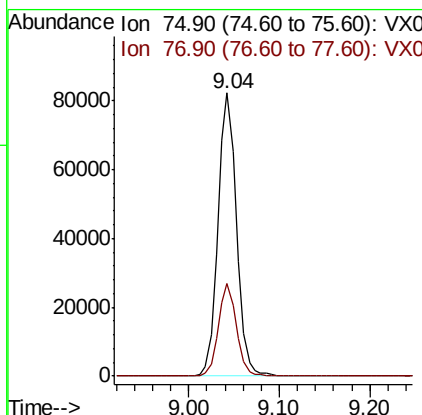
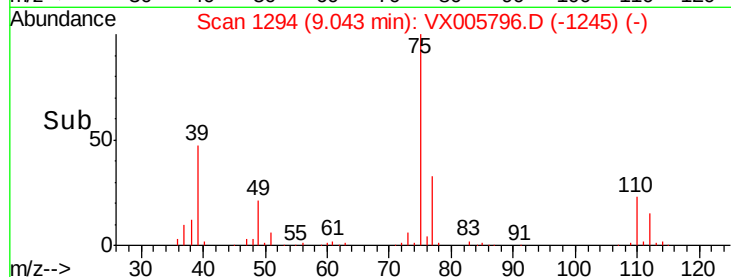
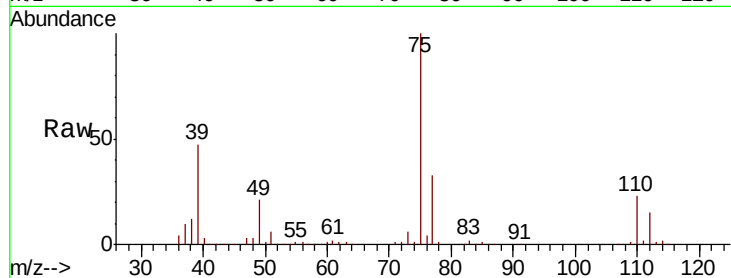
#53
 t-1,3-Dichloropropene
 Concen: 46.421 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 117716
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2

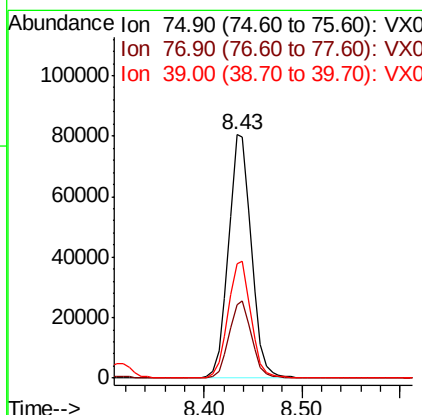
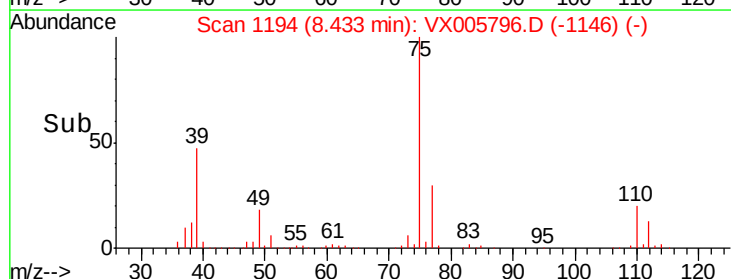
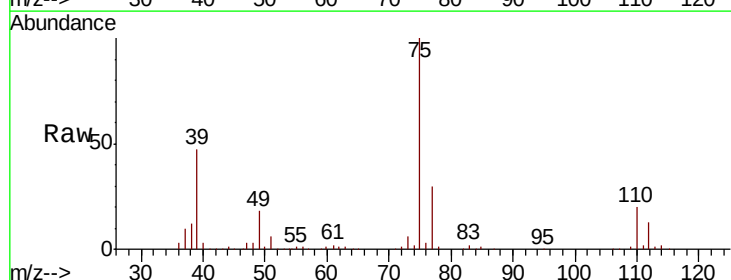
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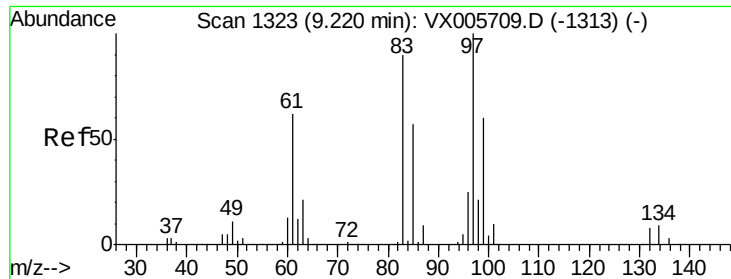
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#54
 cis-1,3-Dichloropropene
 Concen: 47.949 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 75 Resp: 130272
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.2 37.8
 39 46.6 38.2 57.2





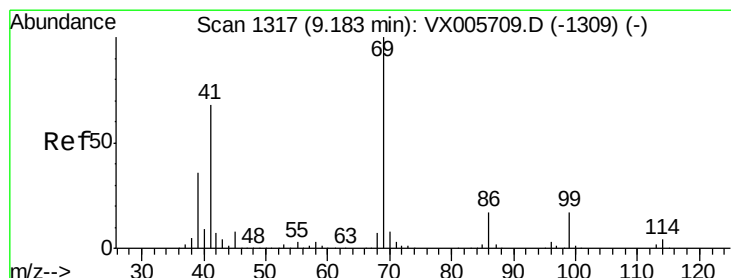
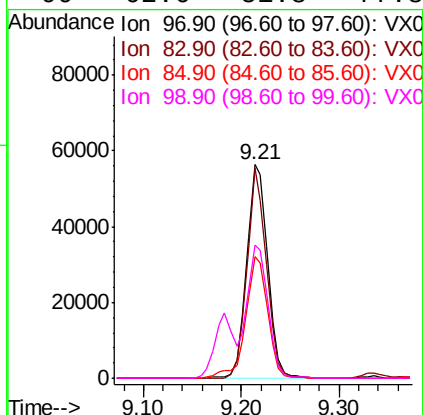
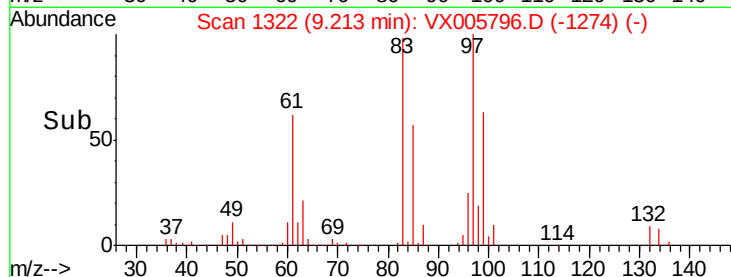
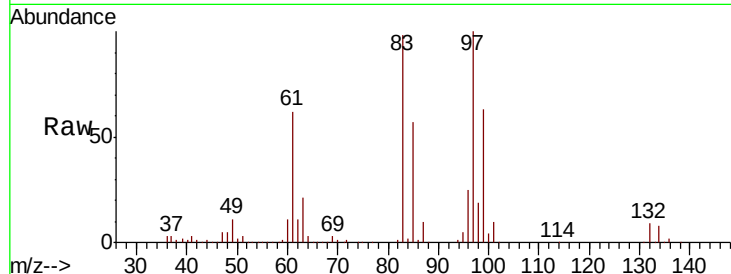
#55
 1,1,2-Trichloroethane
 Concen: 46.714 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	83584
Ion	Ratio	Lower	Upper
97	100		
83	98.4	70.7	106.1
85	57.2	45.8	68.6
99	62.6	51.8	77.8

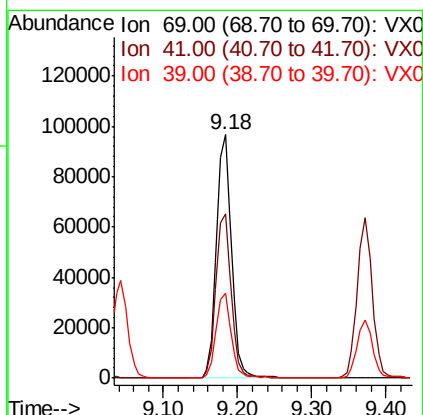
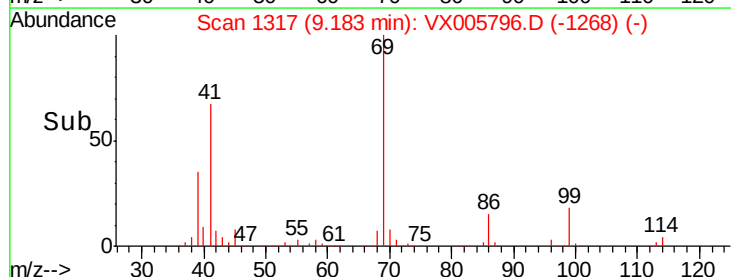
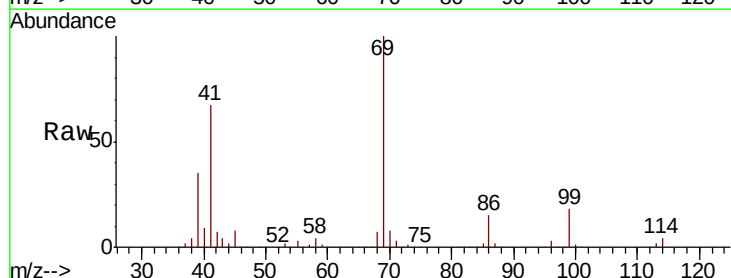
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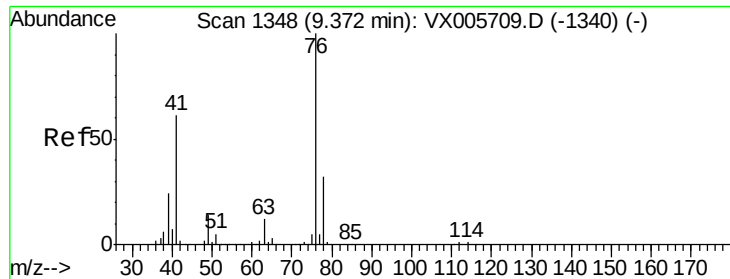
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#56
 Ethyl methacrylate
 Concen: 44.526 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion:	69	Resp:	134373
Ion	Ratio	Lower	Upper
69	100		
41	68.5	57.0	85.6
39	35.1	28.3	42.5





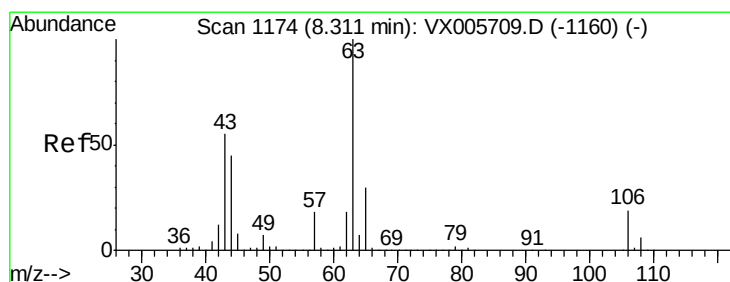
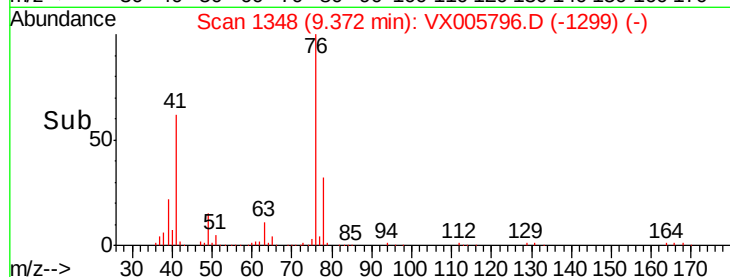
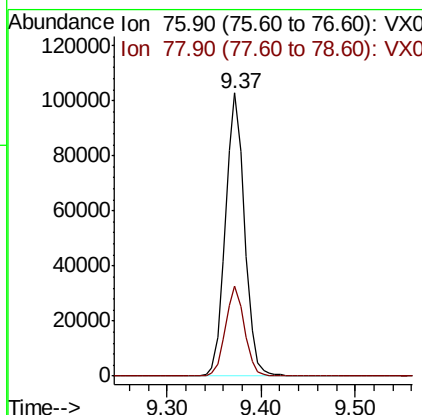
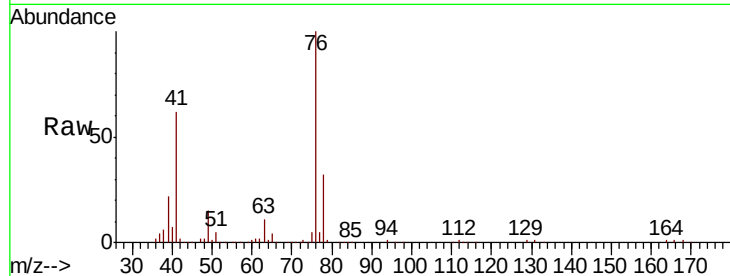
#57
 1,3-Dichloropropane
 Concen: 47.103 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.3	37.9

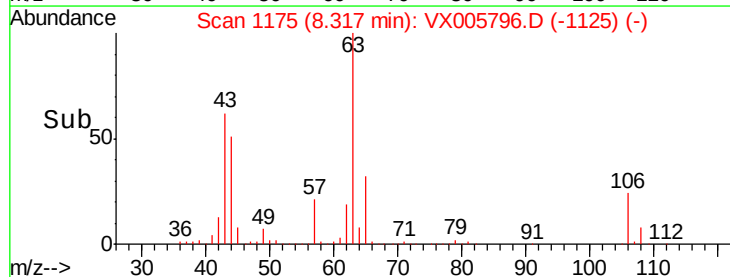
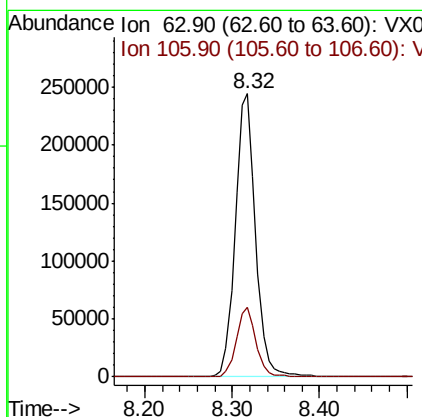
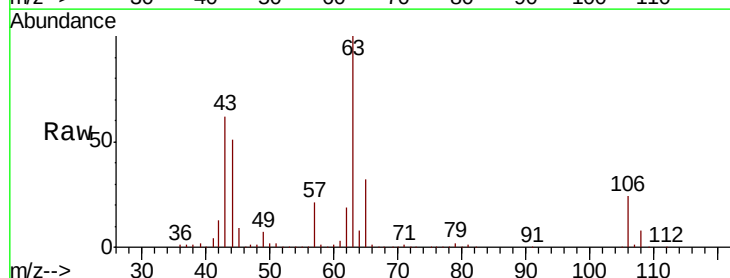
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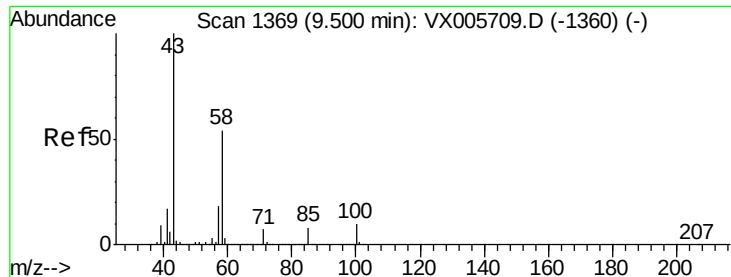
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#58
 2-Chloroethyl Vinyl ether
 Concen: 229.815 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.9	21.3	31.9





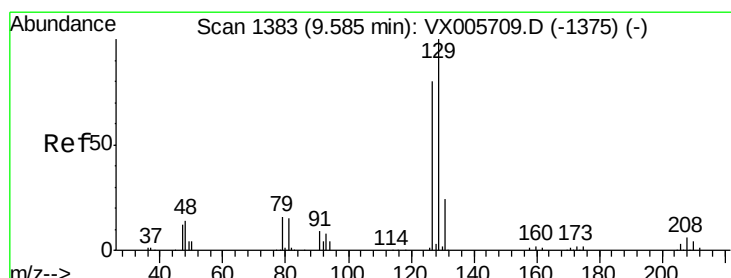
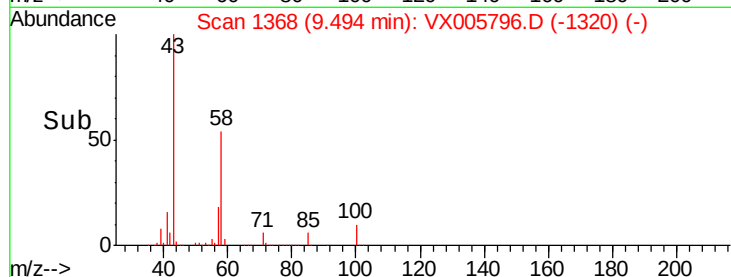
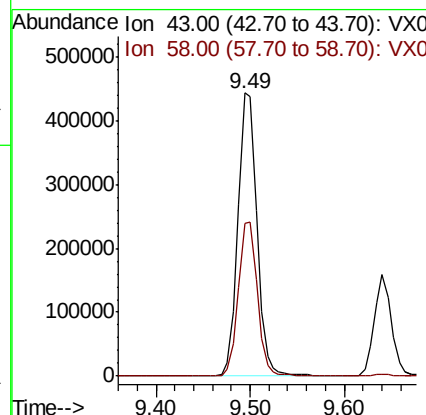
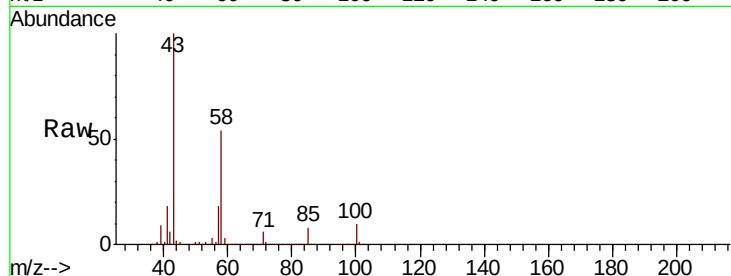
#59
2-Hexanone
Concen: 236.685 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 622672
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8

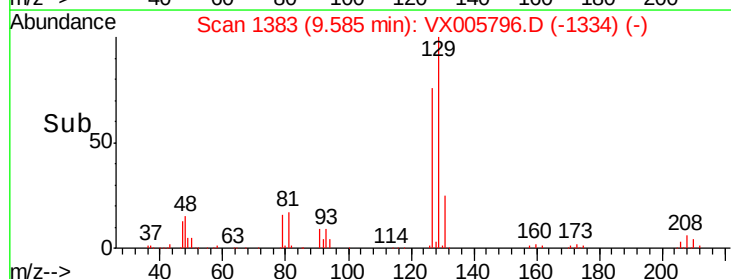
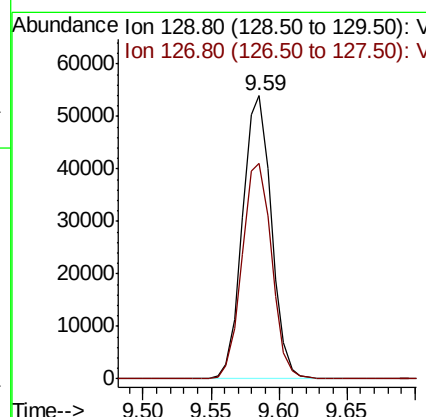
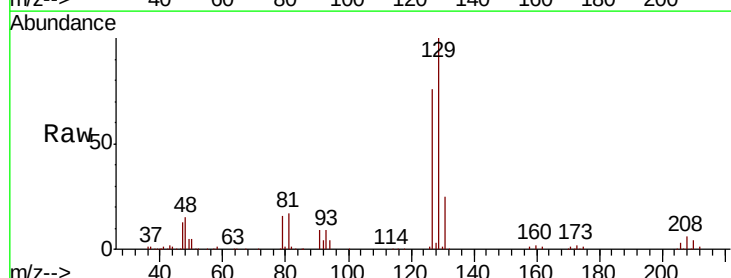
Manual Integrations
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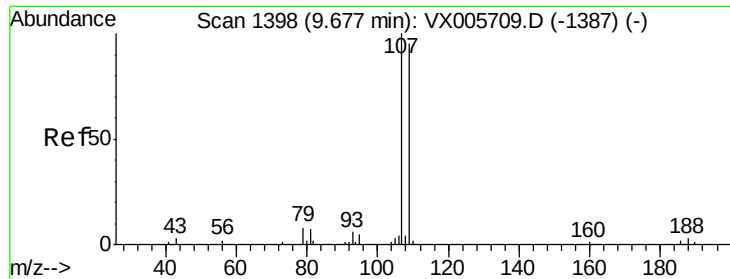
apatel
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#60
Dibromochloromethane
Concen: 46.386 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion: 129 Resp: 80200
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7





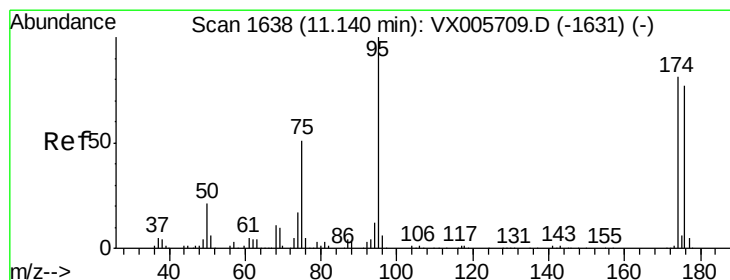
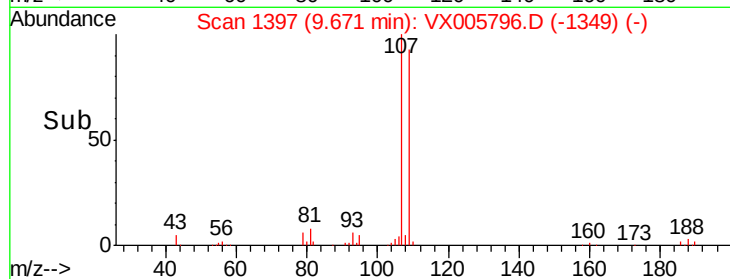
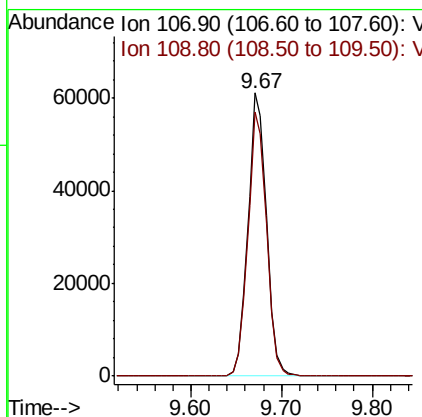
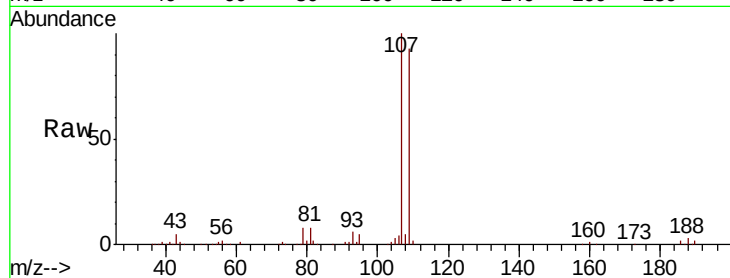
#61
 1,2-Dibromoethane
 Concen: 47.309 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 86254
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5

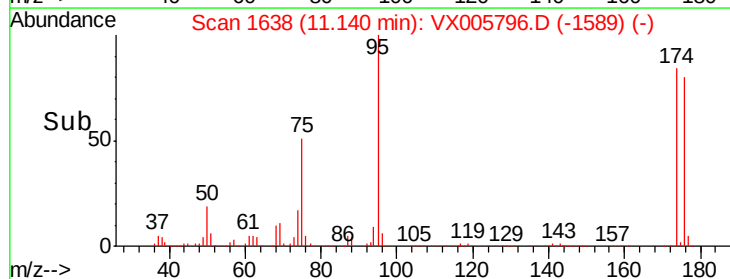
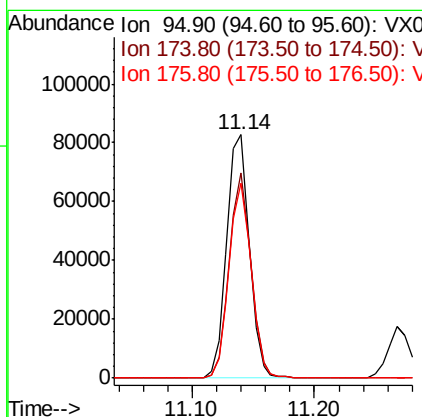
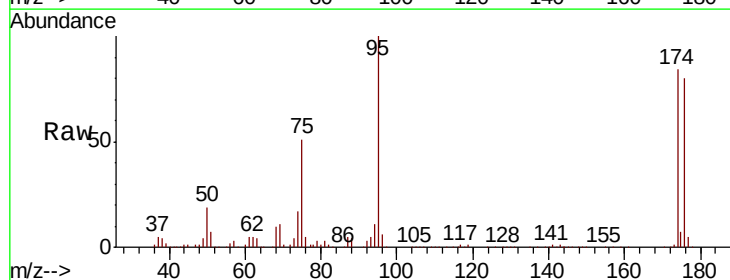
Manual Integrations
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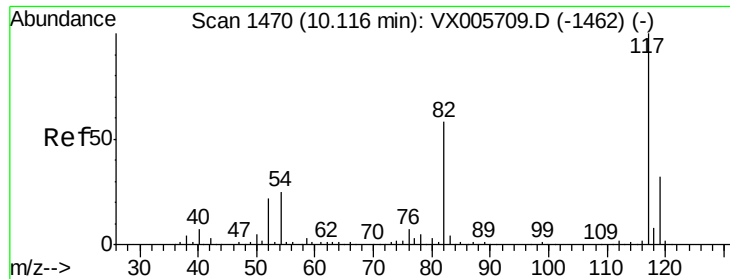
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.381 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 95 Resp: 106363
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 184.4
 176 78.1 0.0 177.4





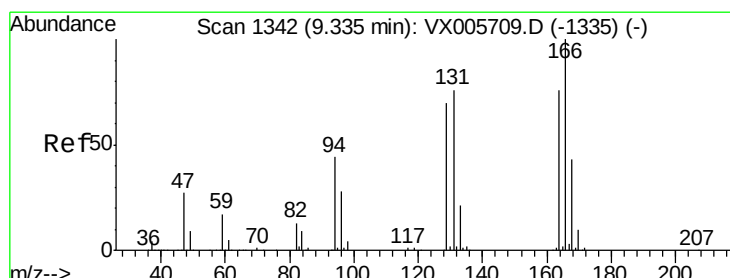
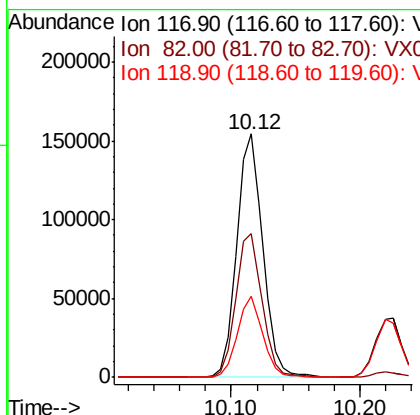
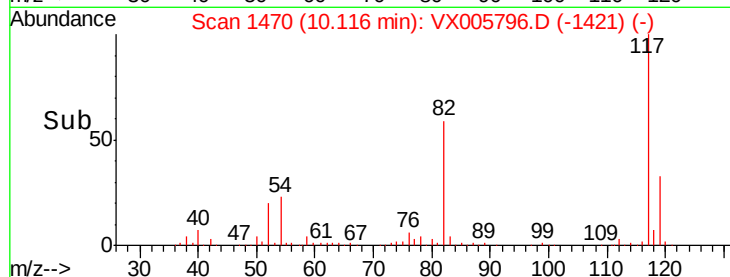
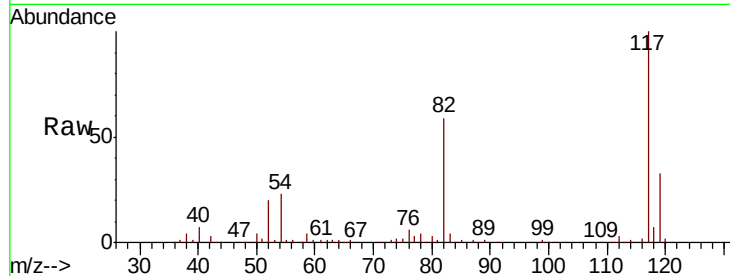
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.1	66.1
119	33.1	26.2	39.2

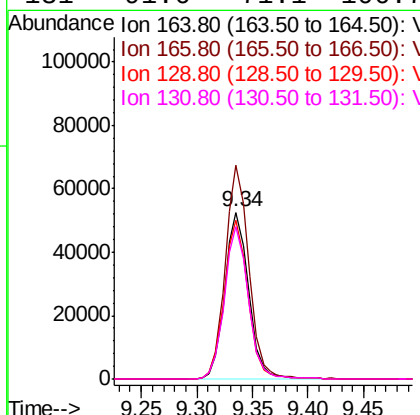
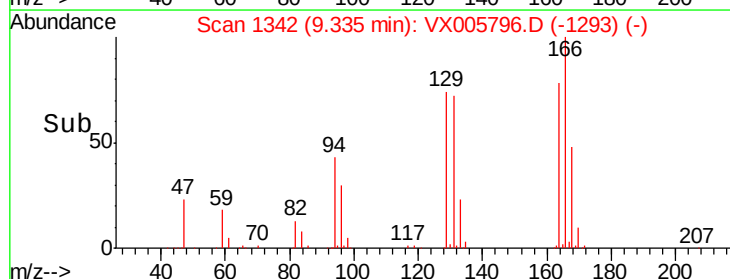
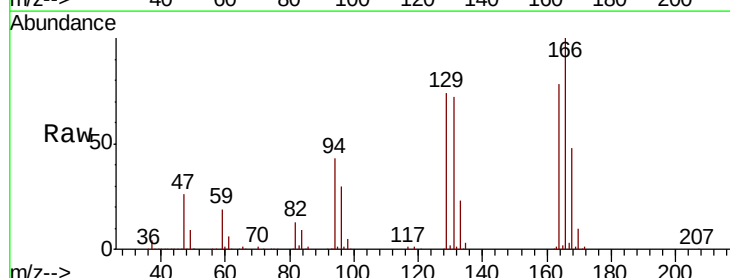
Manual Integrations
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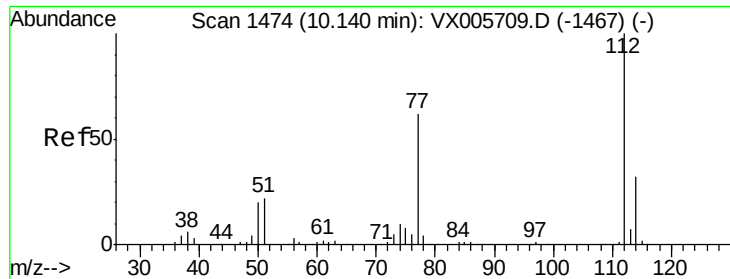
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#64
Tetrachloroethene
Concen: 49.259 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.9	152.9
129	94.8	72.6	109.0
131	91.6	71.1	106.7





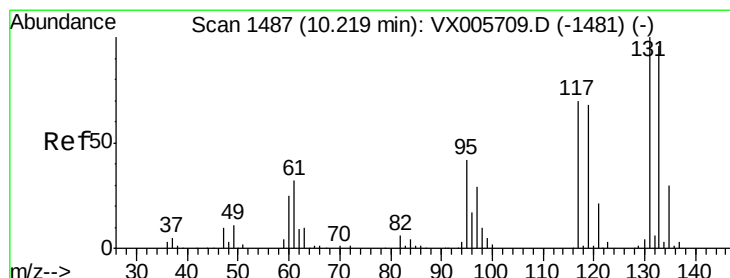
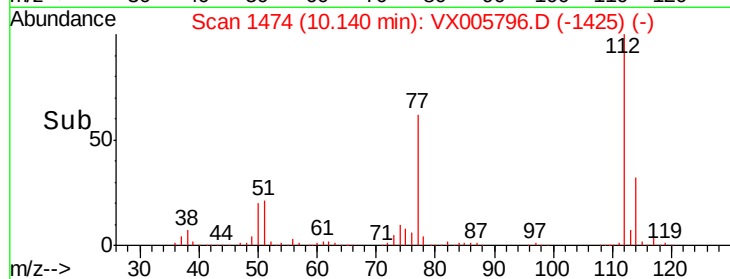
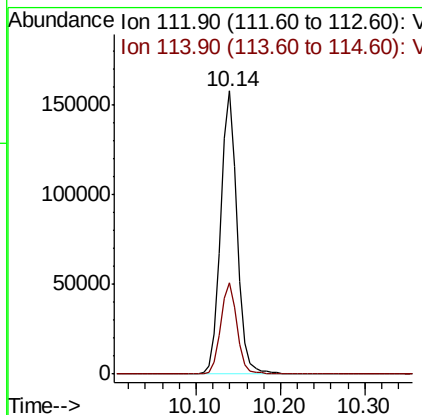
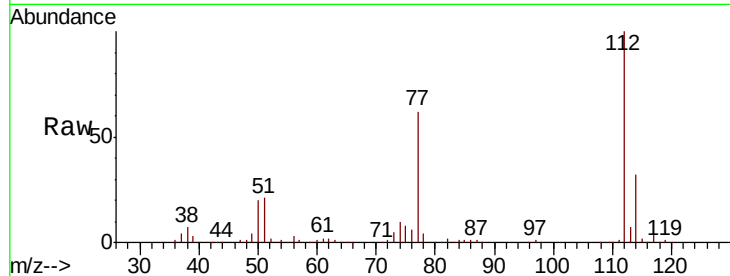
#65
Chlorobenzene
Concen: 46.586 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:112 Resp: 214324
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

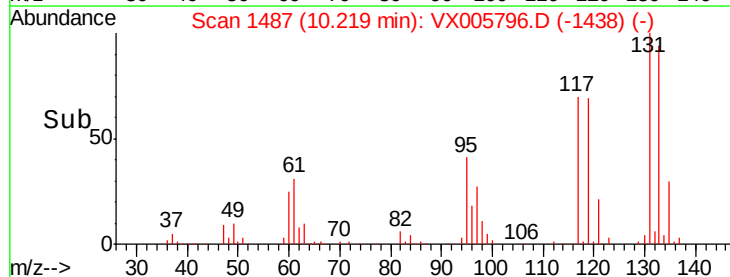
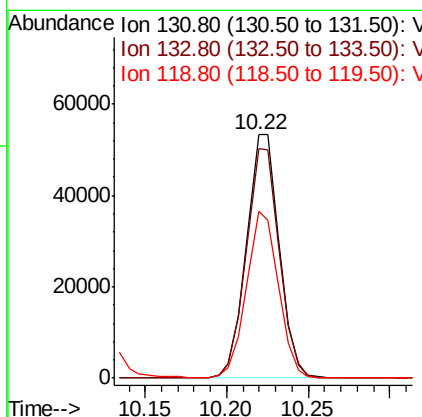
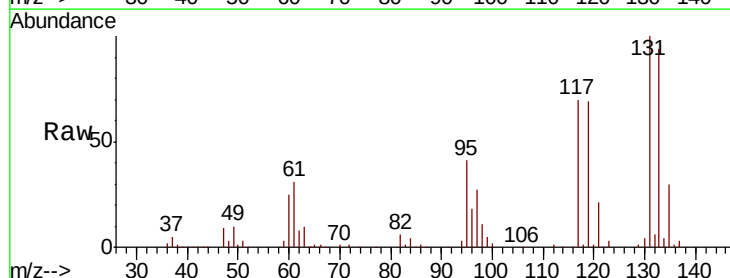
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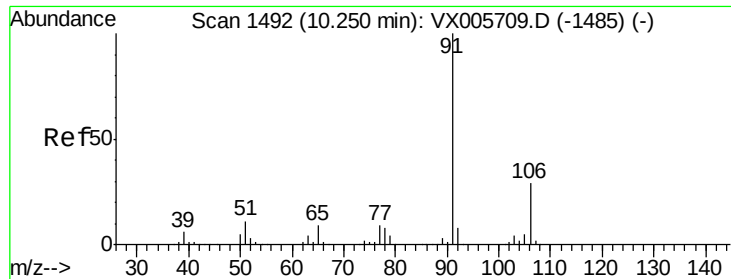
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.479 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion:131 Resp: 74776
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 67.5 31.8 95.3





#67

Ethyl Benzene

Concen: 48.622 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 381760

Ion Ratio Lower Upper

91 100

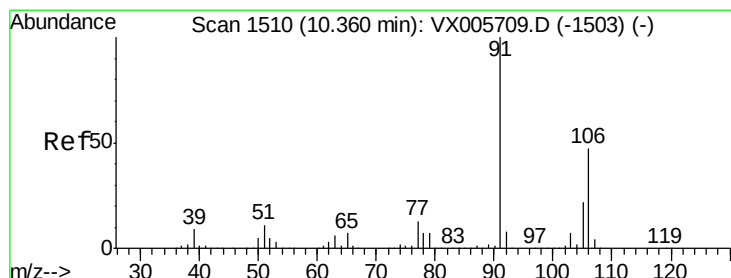
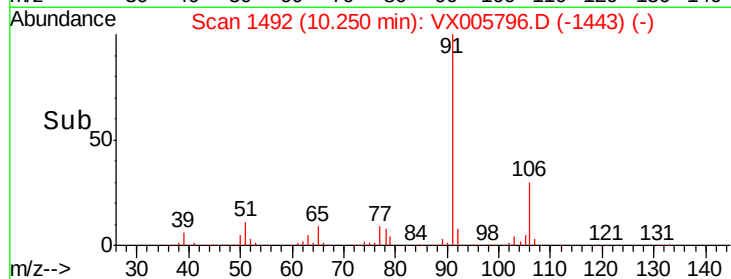
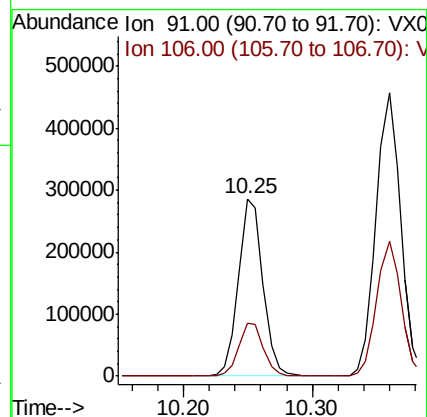
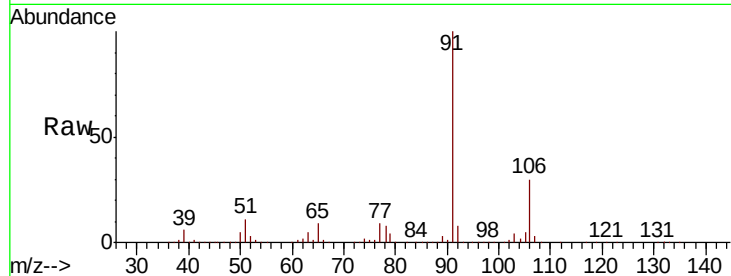
106 29.9 24.4 36.6

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#68

m/p-Xylenes

Concen: 97.891 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005796.D

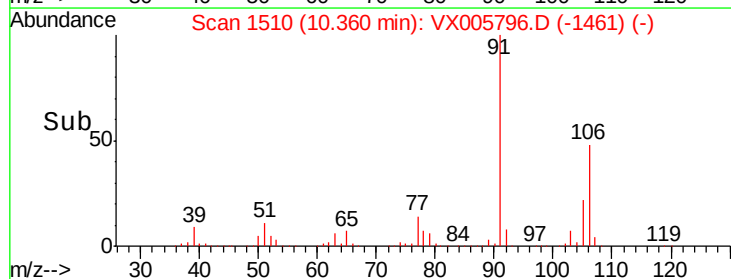
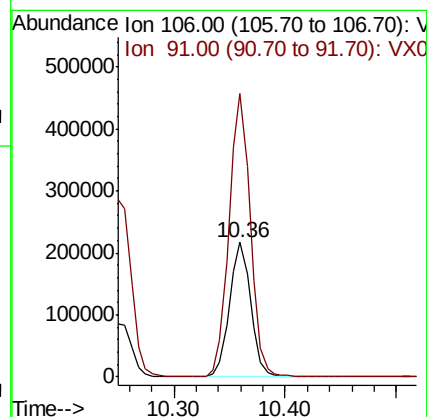
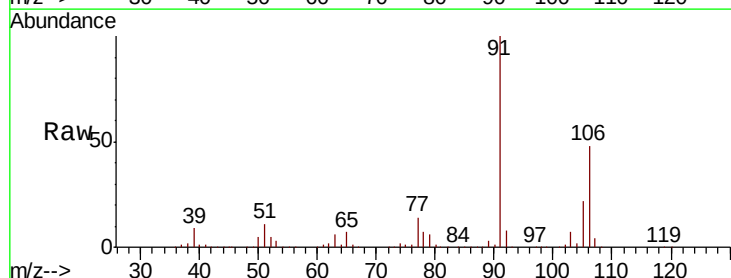
Acq: 05 Nov 2018 23:10

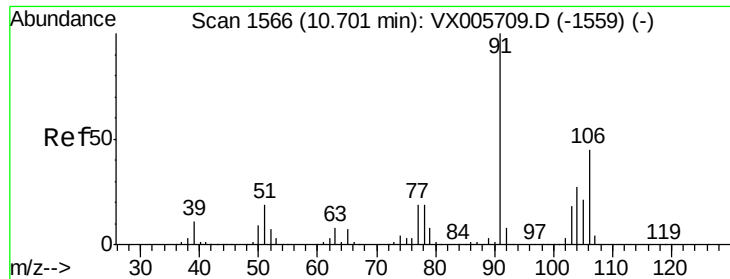
Tgt Ion: 106 Resp: 285604

Ion Ratio Lower Upper

106 100

91 211.9 164.2 246.4





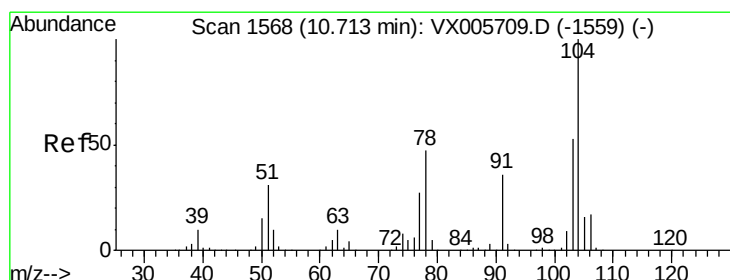
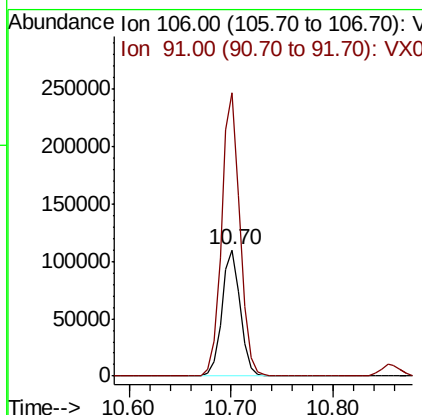
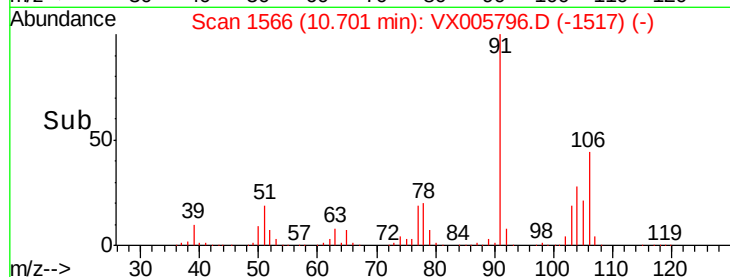
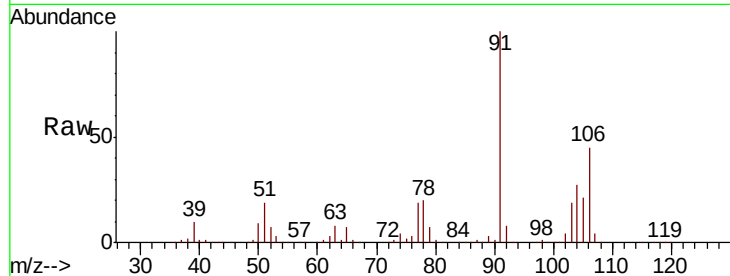
#69
o-Xylene
Concen: 49.126 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	225.1	108.5	325.5	

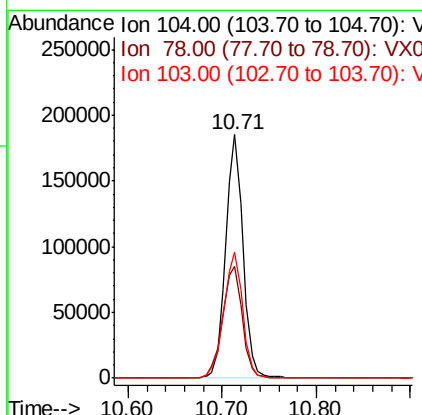
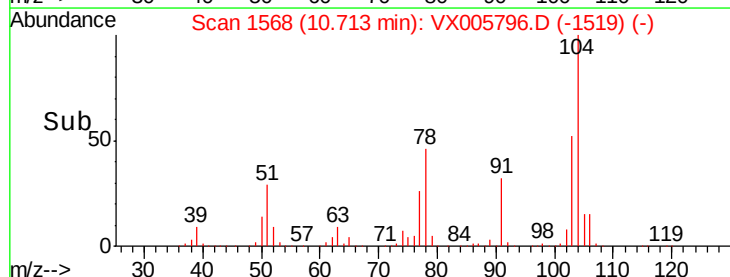
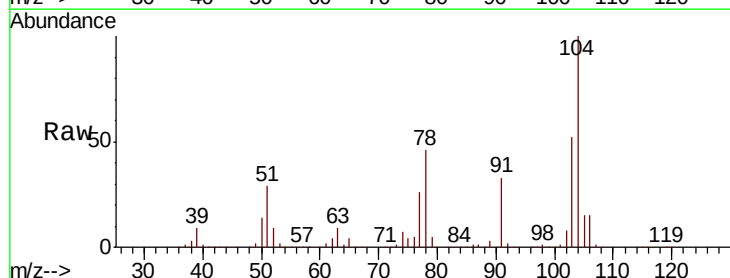
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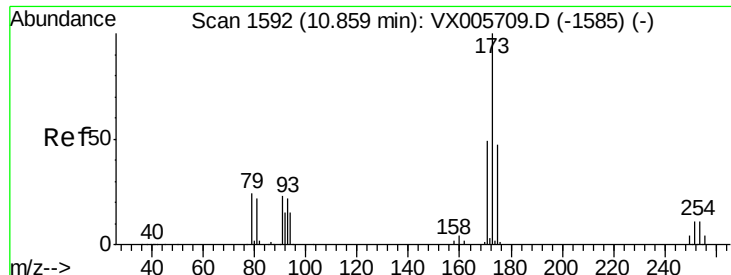
apatel
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#70
Styrene
Concen: 51.109 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.4	40.2	60.4	
103	56.4	44.9	67.3	





#71

Bromoform

Concen: 48.006 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 61259

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.3

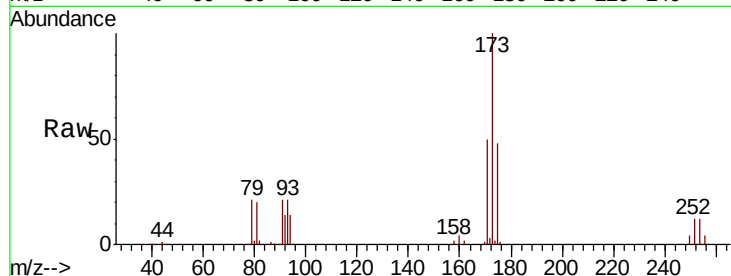
254 0.2 0.2 0.2

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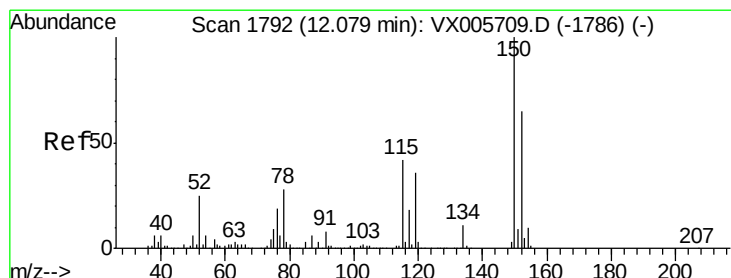
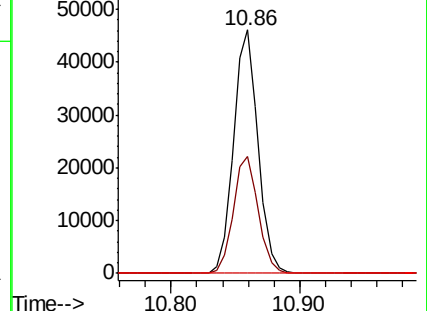
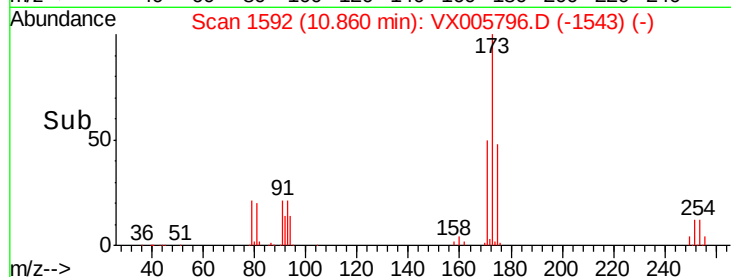
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

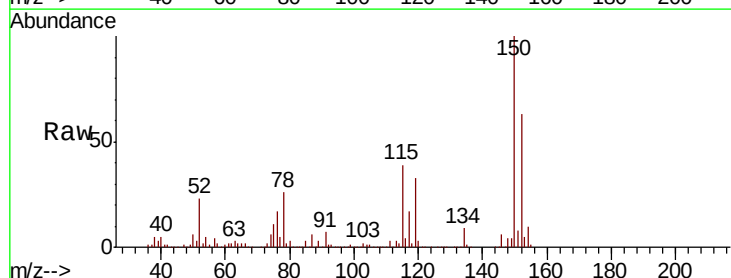
Tgt Ion:152 Resp: 116142

Ion Ratio Lower Upper

152 100

115 82.3 39.4 118.1

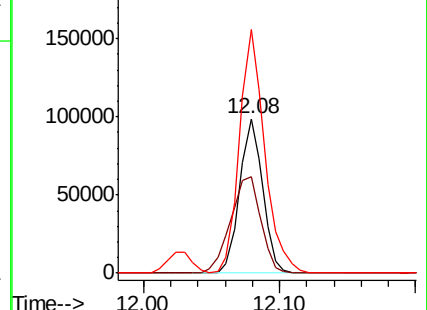
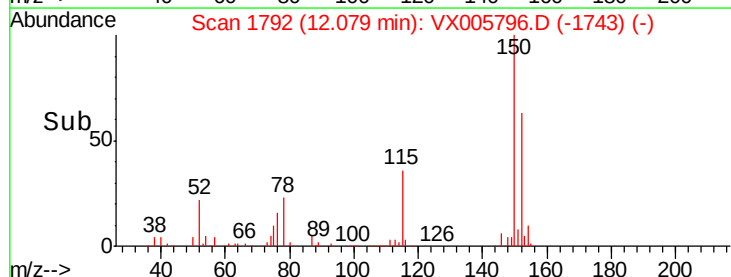
150 173.4 0.0 346.4

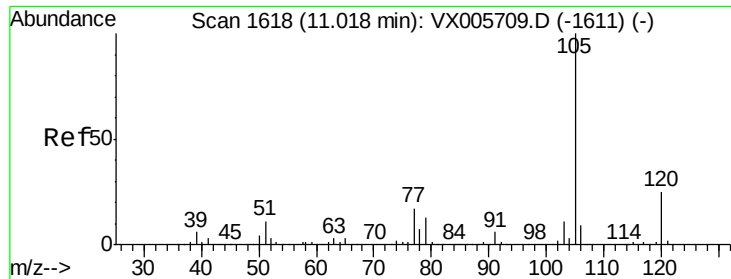


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.395 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 378476

Ion Ratio Lower Upper

105 100

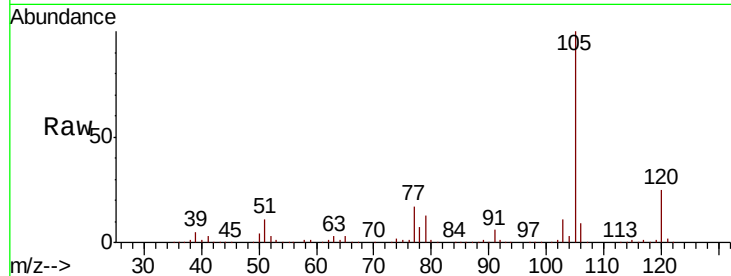
120 25.9 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

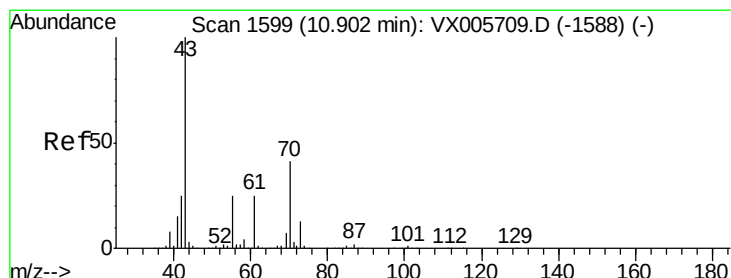
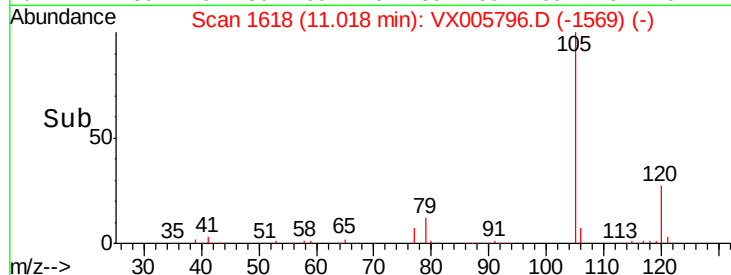
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.240 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Tgt Ion: 43 Resp: 196793

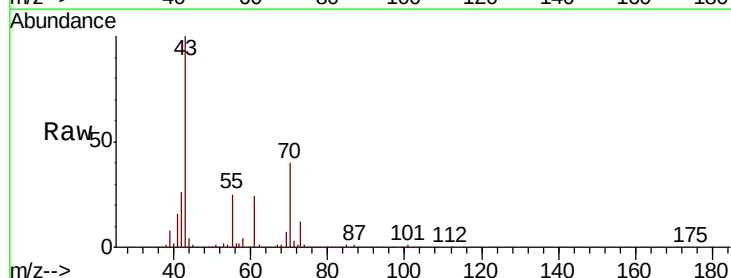
Ion Ratio Lower Upper

43 100

70 41.5 31.6 47.4

55 26.3 19.7 29.5

61 24.3 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

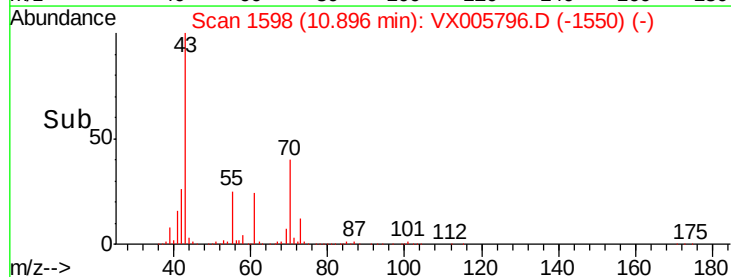
150000

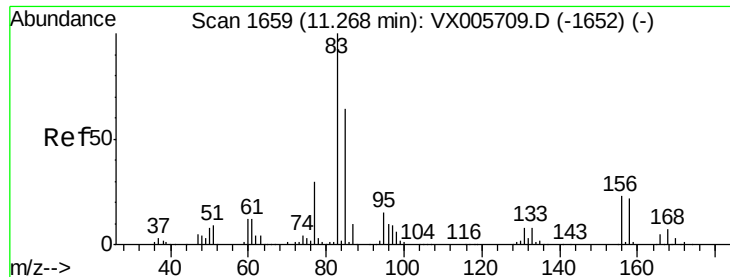
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.107 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

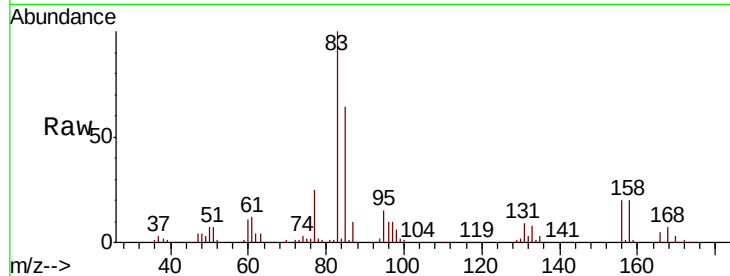
ClientSampleId :

VSTDCCC050EC

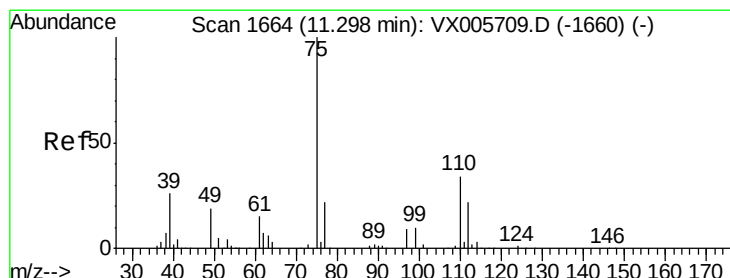
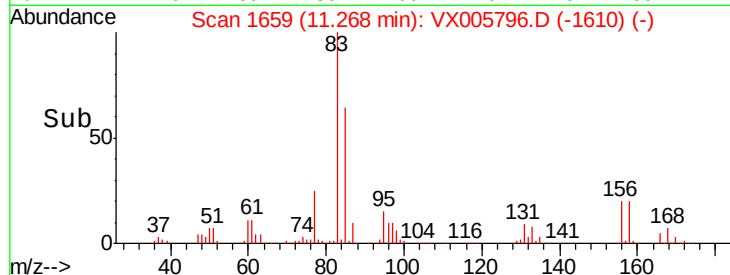
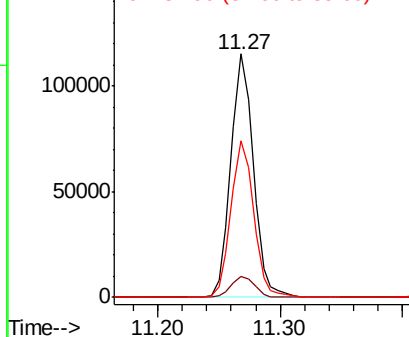
Tot Ion:	83	Resp:	146569
Ion Ratio	Lower	Upper	
83	100		
131	9.1	5.3	15.9
85	64.9	32.0	96.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.959 ug/l m

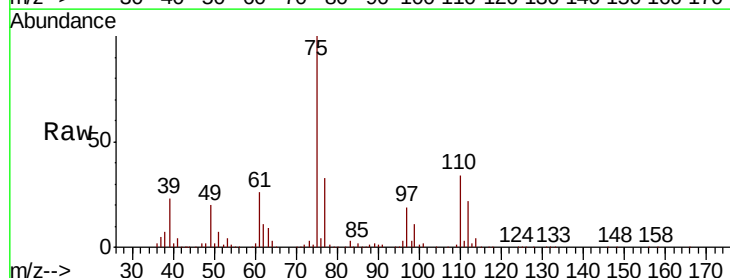
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

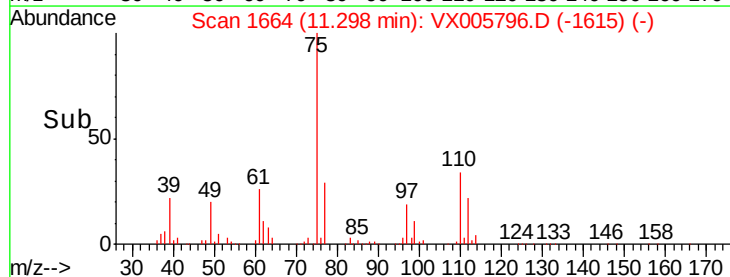
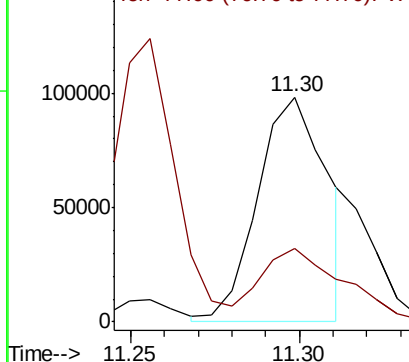
Lab File: VX005796.D

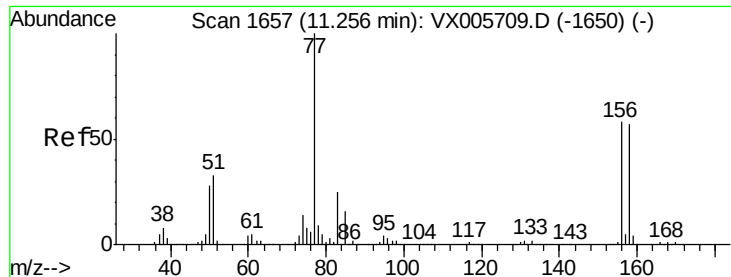
Acq: 05 Nov 2018 23:10

Tgt Ion:	75	Resp:	138728
Ion Ratio	Lower	Upper	
75	100		
77	39.1	20.5	61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.292 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 91792

Ion Ratio Lower Upper

156 100

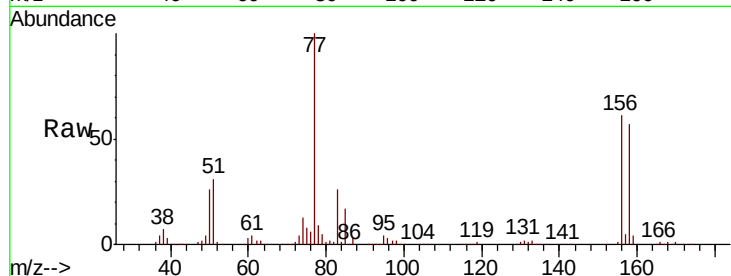
77 173.2 74.8 224.4

158 96.3 49.1 147.3

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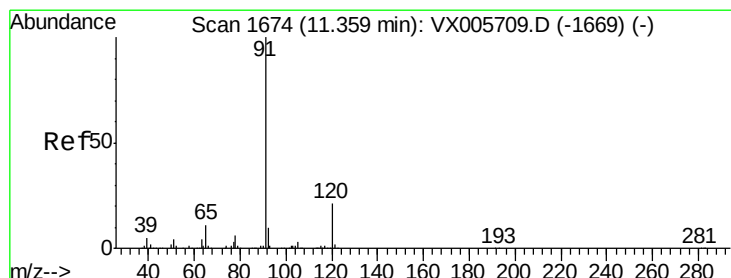
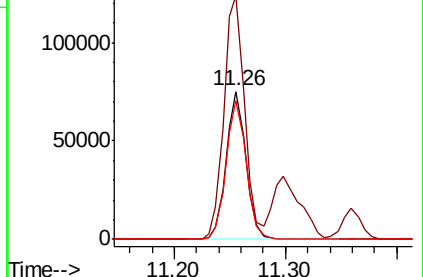
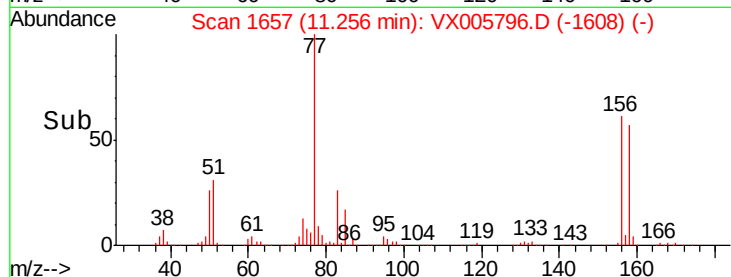
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.080 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005796.D

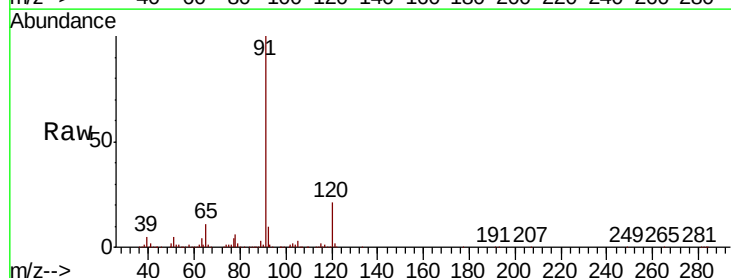
Acq: 05 Nov 2018 23:10

Tgt Ion: 91 Resp: 457485

Ion Ratio Lower Upper

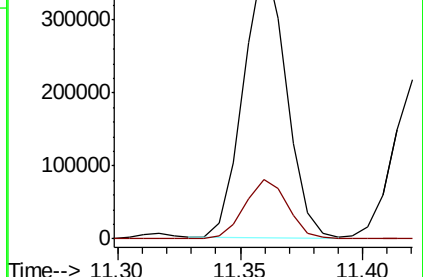
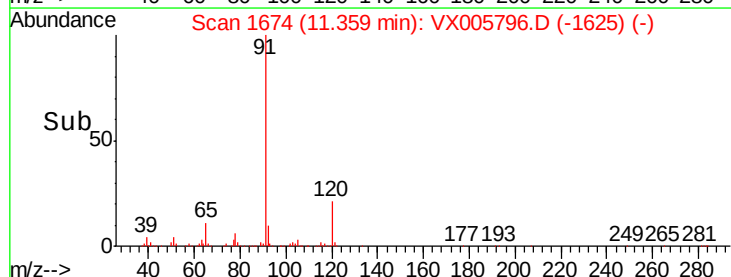
91 100

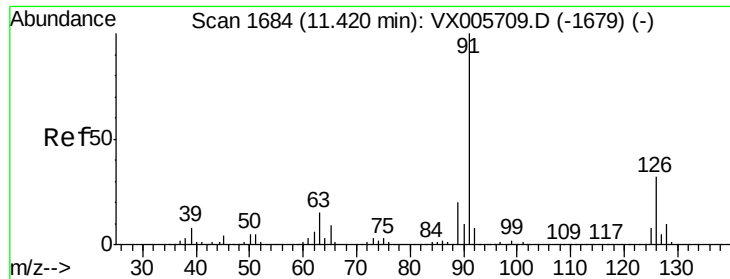
120 21.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





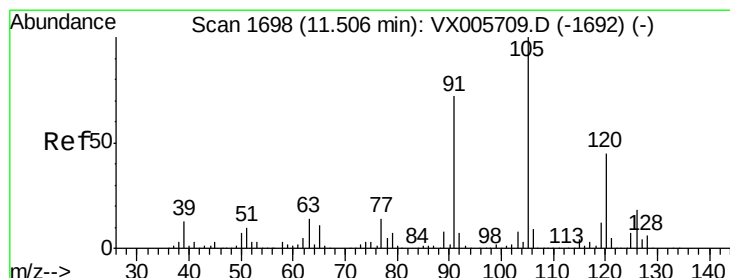
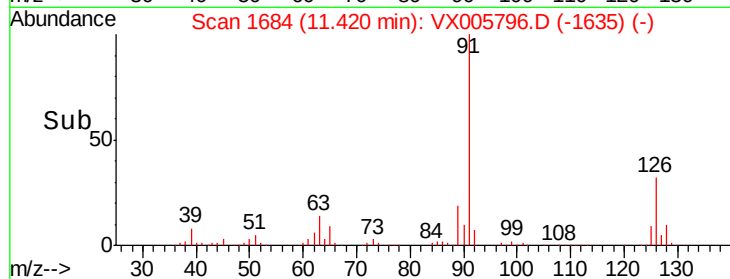
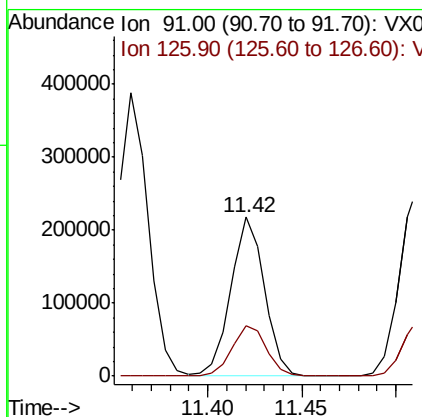
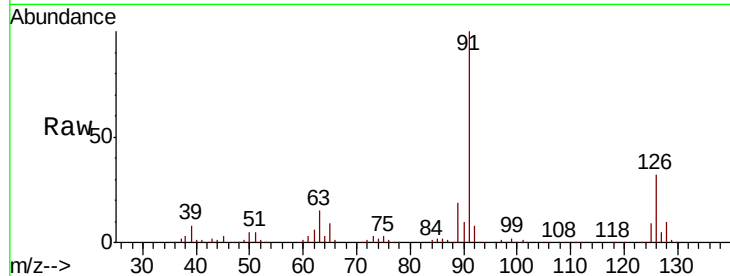
#79
 2-Chlorotoluene
 Concen: 48.037 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 267433
 Ion Ratio Lower Upper
 91 100
 126 32.8 17.3 52.0

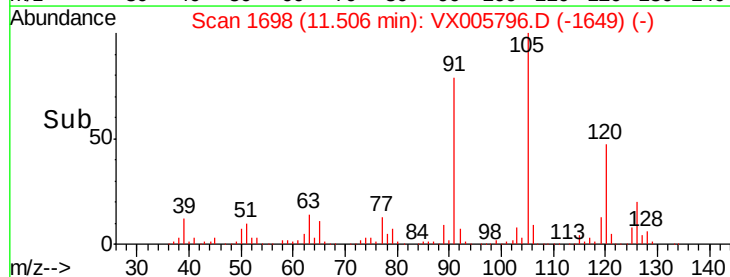
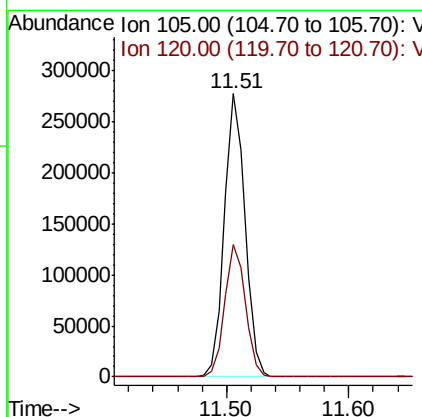
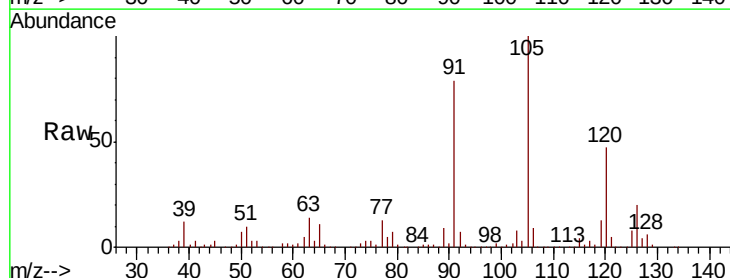
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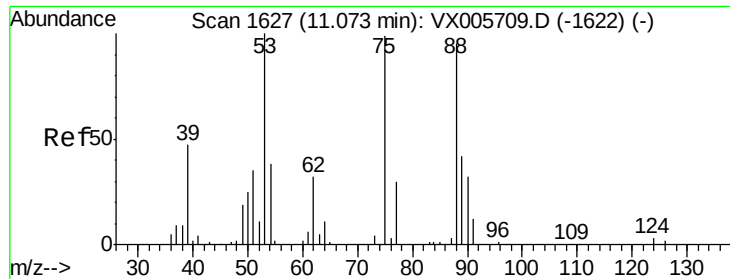
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.907 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion: 105 Resp: 324698
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.618 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 40842

Ion Ratio Lower Upper

75 100

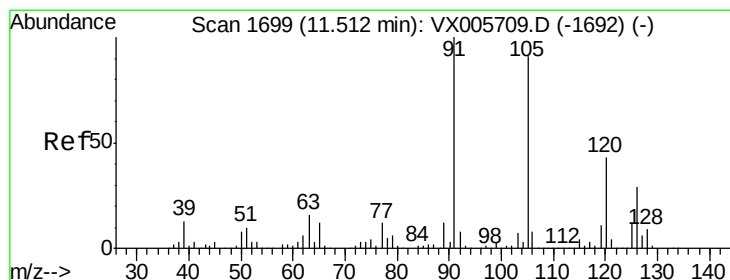
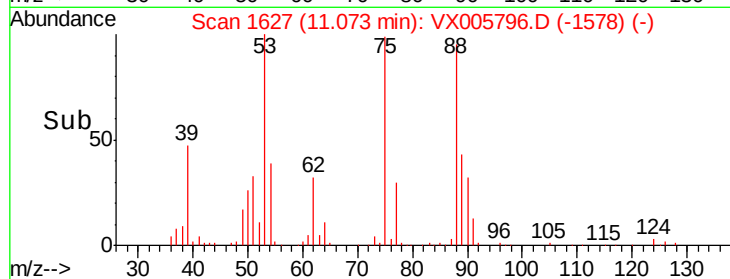
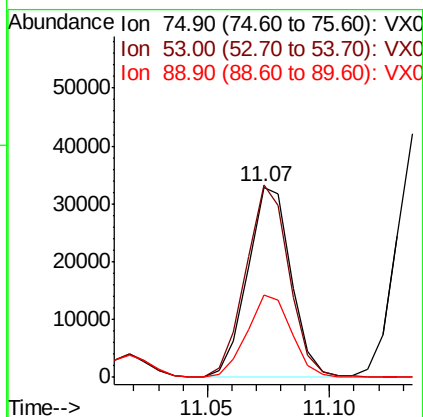
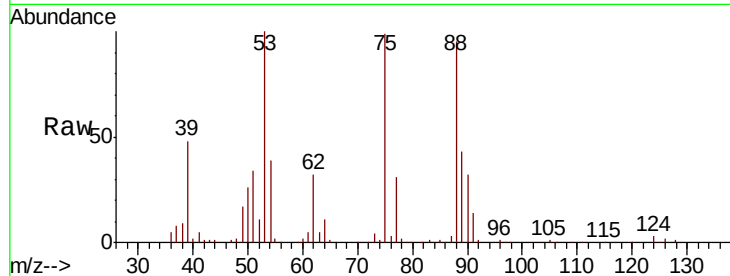
53 100.4 80.2 120.2

89 44.6 39.8 59.8

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#82

4-Chlorotoluene

Concen: 48.134 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005796.D

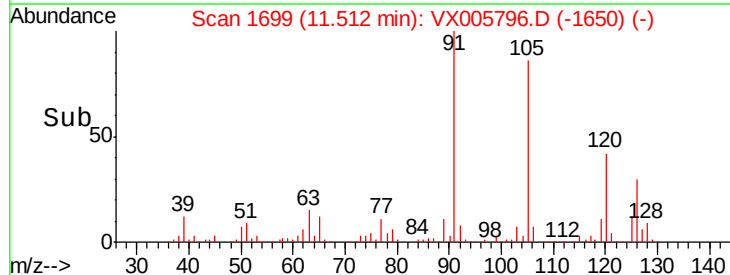
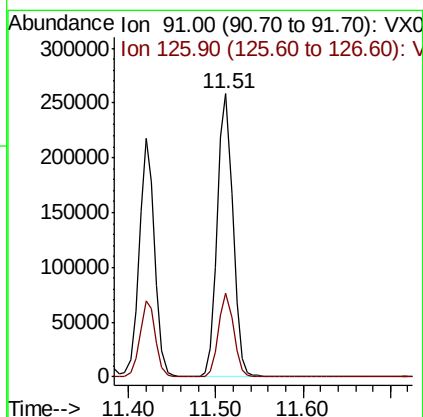
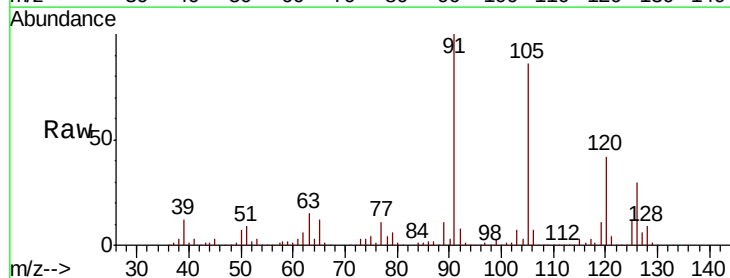
Acq: 05 Nov 2018 23:10

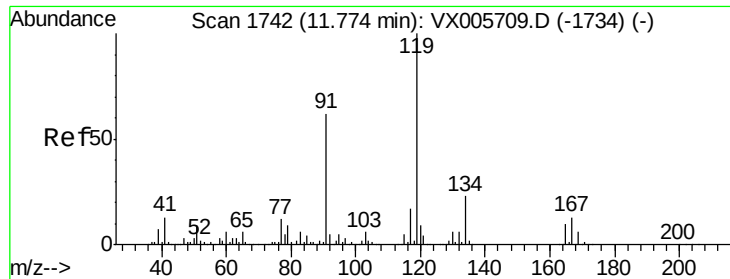
Tgt Ion: 91 Resp: 319920

Ion Ratio Lower Upper

91 100

126 28.4 15.2 45.6





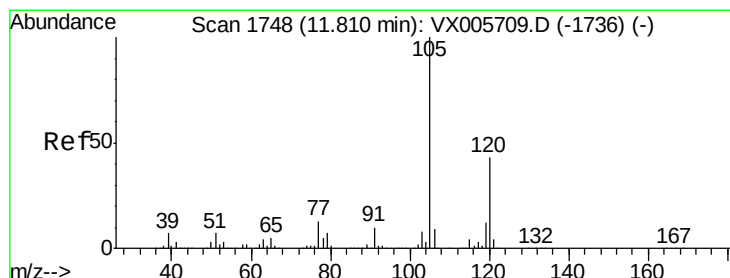
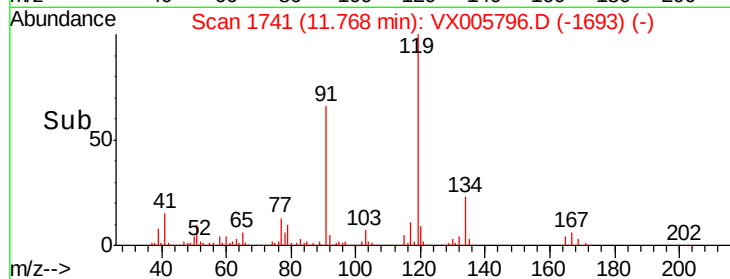
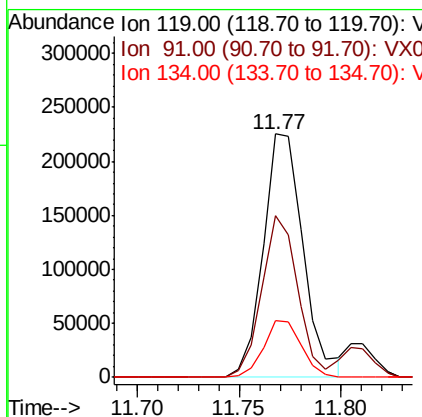
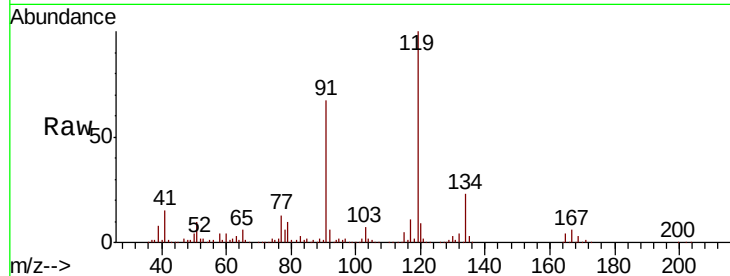
#83
 tert-Butylbenzene
 Concen: 49.622 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	308035		
91	59.9		28.5	85.5
134	22.1		11.3	33.8

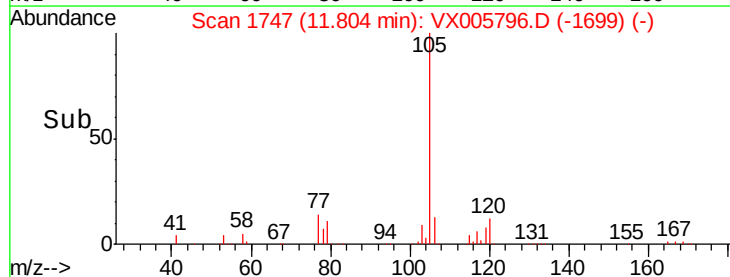
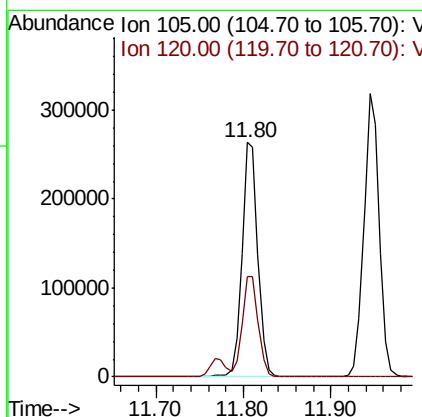
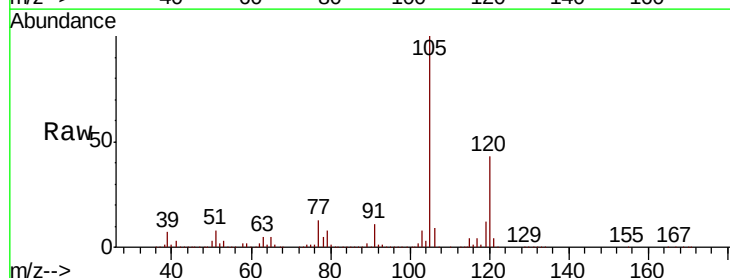
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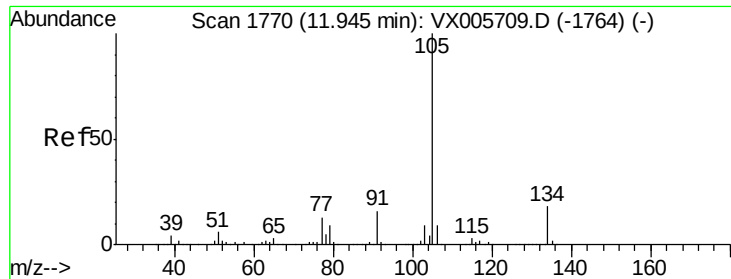
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.598 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	332415		
120	43.1		22.4	67.0





#85

sec-Butylbenzene

Concen: 48.902 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 389406

Ion Ratio Lower Upper

105 100

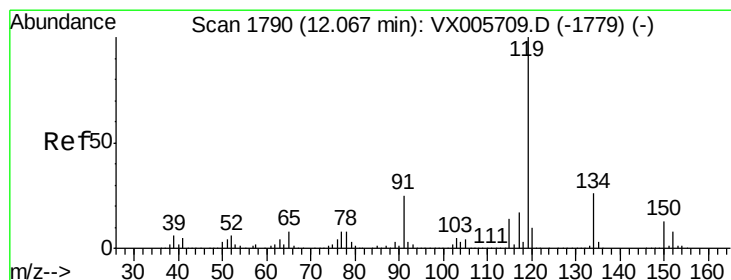
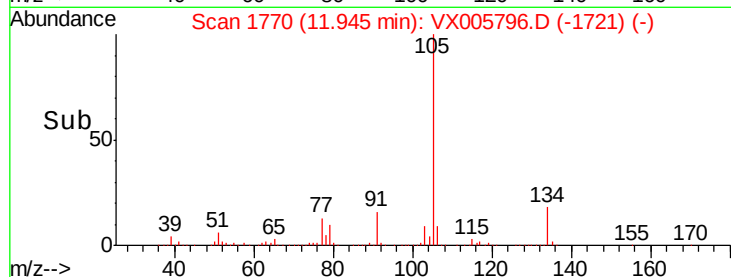
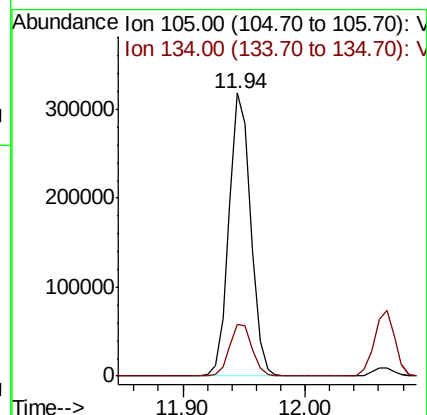
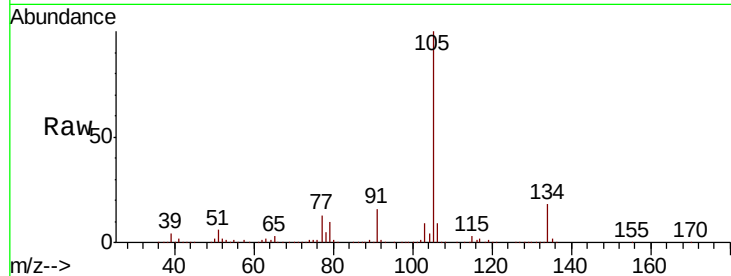
134 18.9 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 49.801 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005796.D

Acq: 05 Nov 2018 23:10

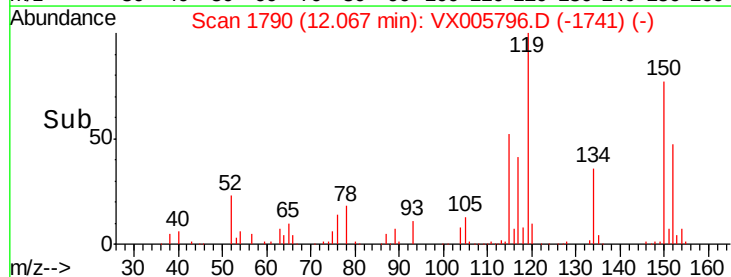
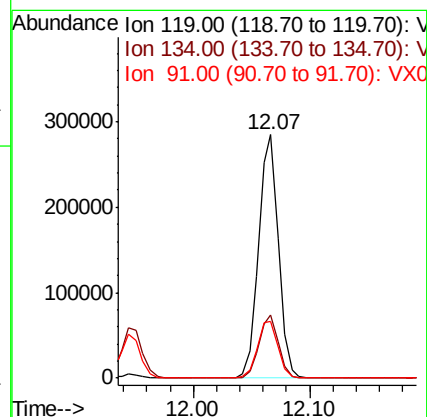
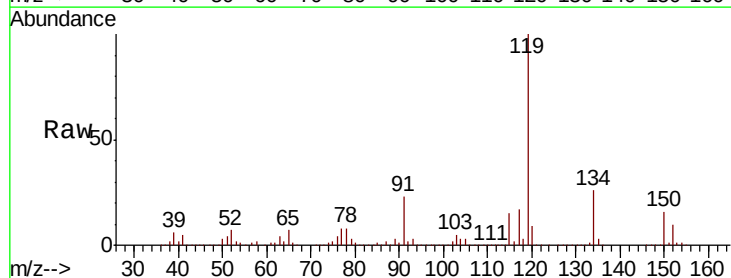
Tgt Ion:119 Resp: 337271

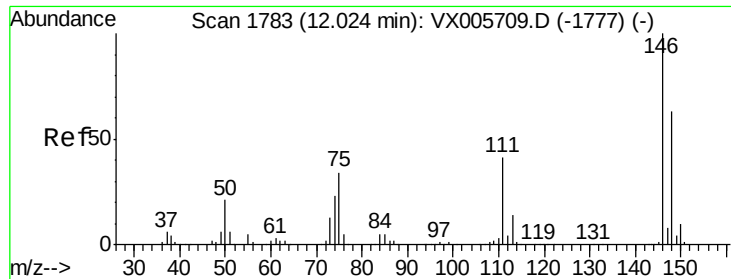
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 24.3 11.4 34.2





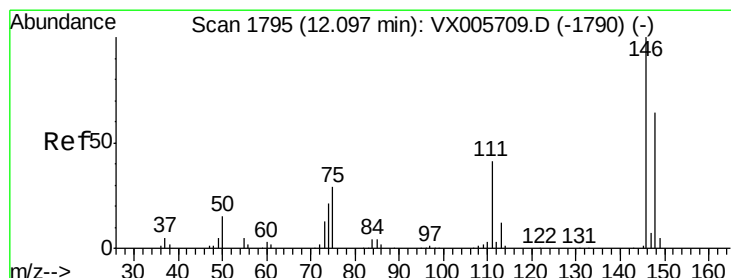
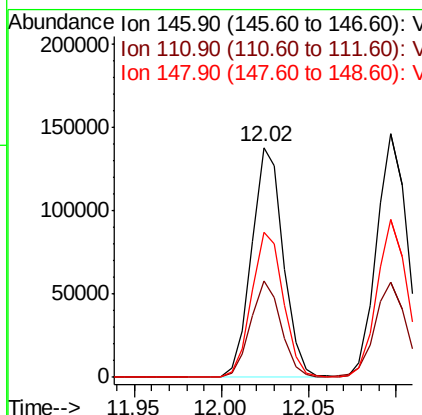
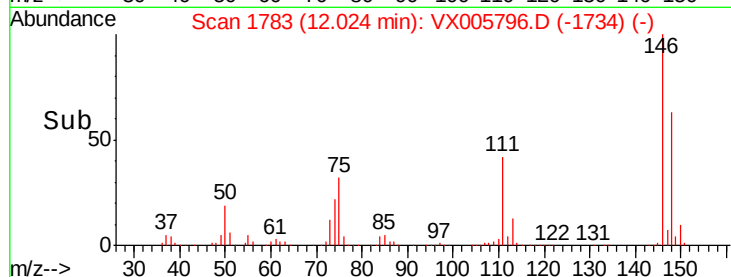
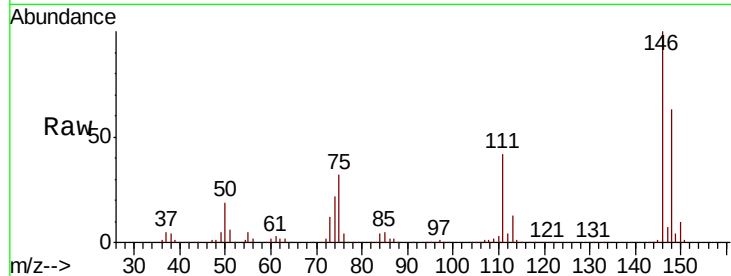
#87
 1,3-Dichlorobenzene
 Concen: 47.084 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.0	57.0
148	63.5	31.9	95.9

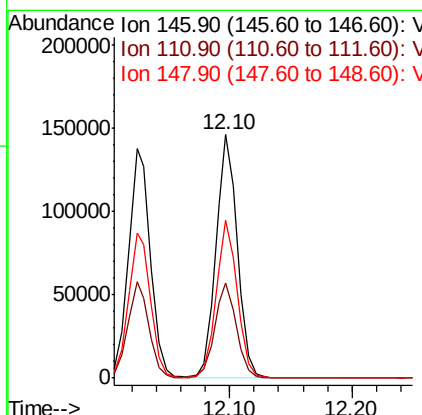
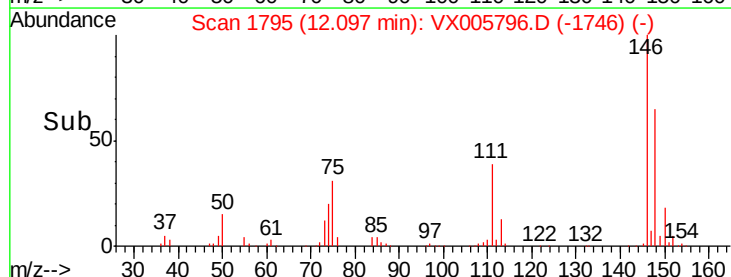
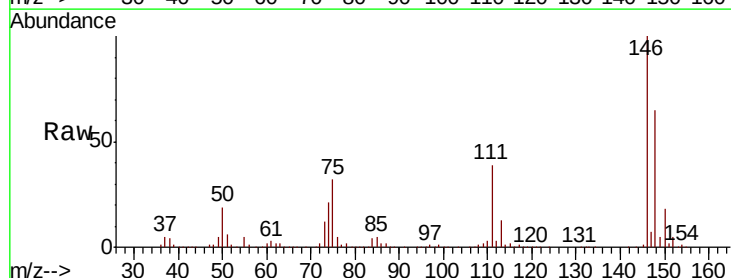
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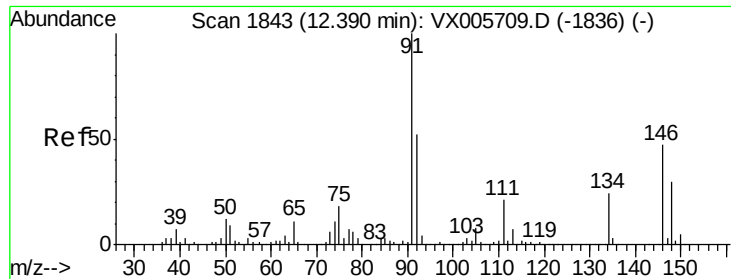
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#88
 1,4-Dichlorobenzene
 Concen: 45.227 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.6	55.8
148	63.9	32.1	96.3





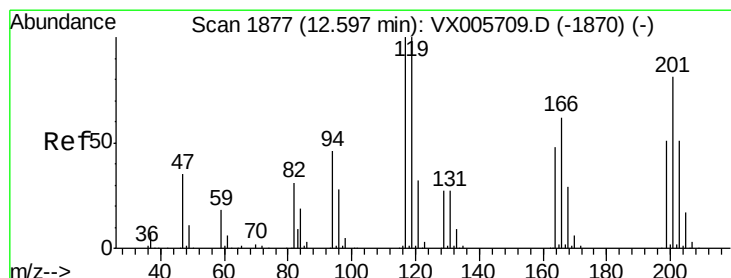
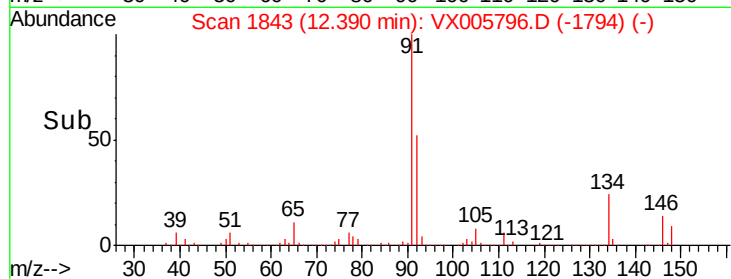
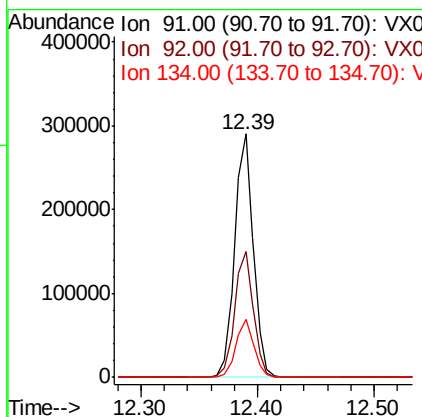
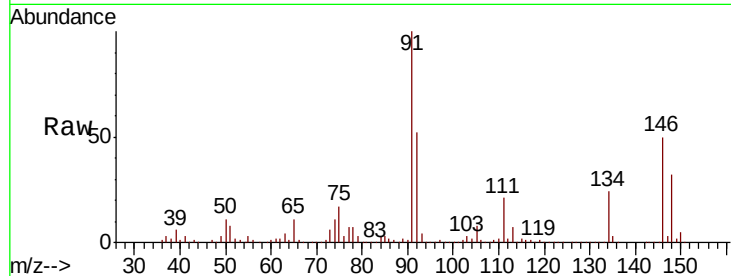
#89
n-Butylbenzene
Concen: 47.429 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.1	78.2
134	23.3	13.1	39.3

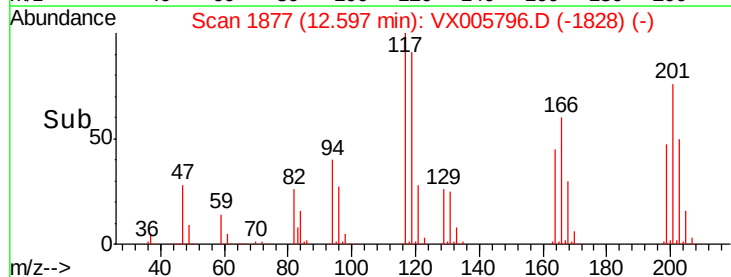
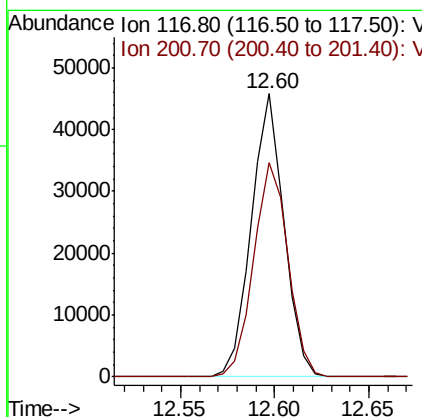
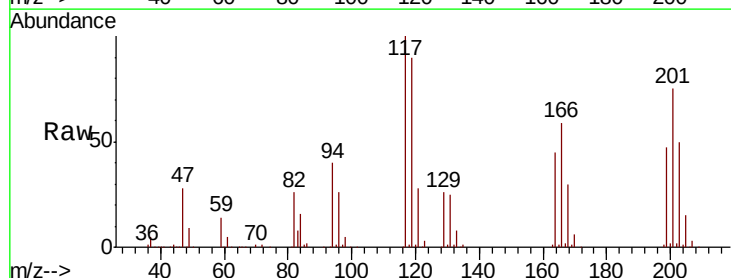
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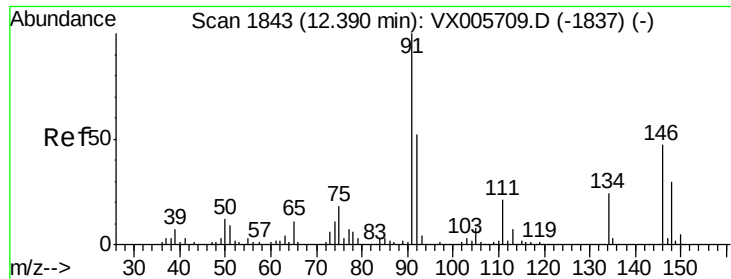
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#90
Hexachloroethane
Concen: 45.724 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	47.9	143.6





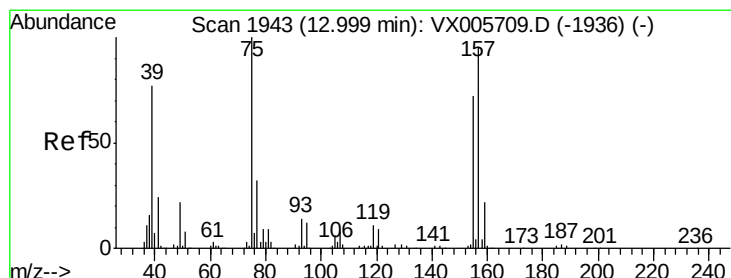
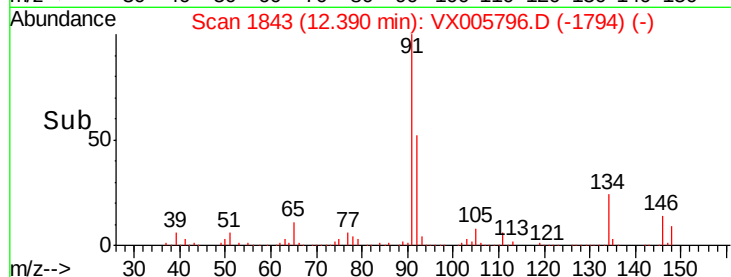
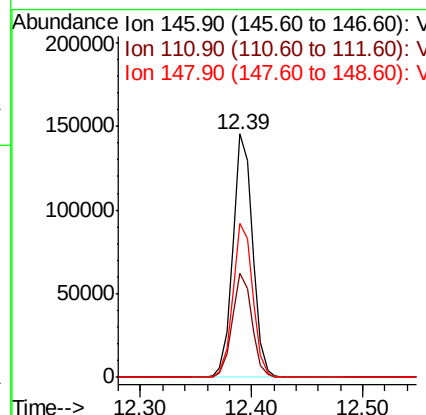
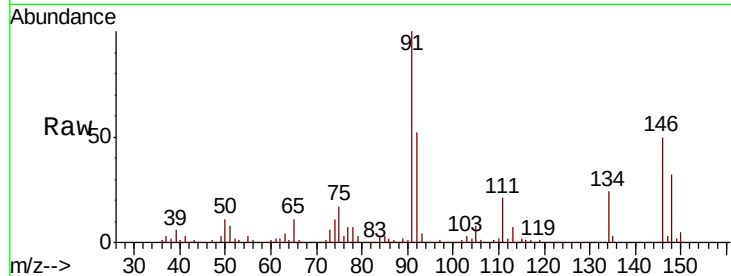
#91
 1,2-Dichlorobenzene
 Concen: 46.220 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.0	59.9
148	63.8	32.2	96.6

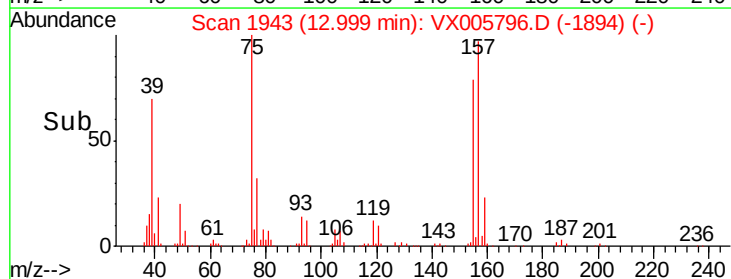
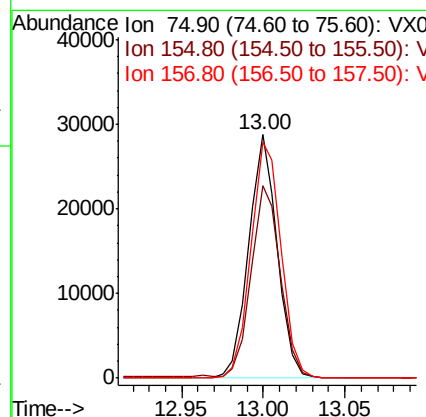
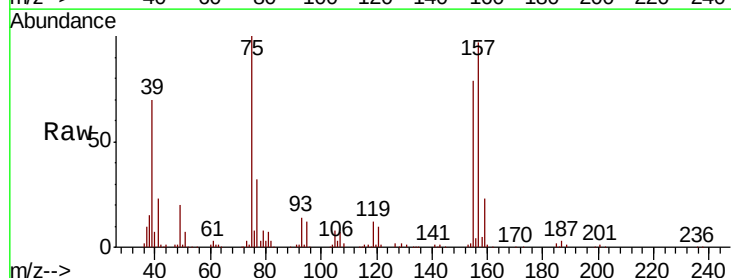
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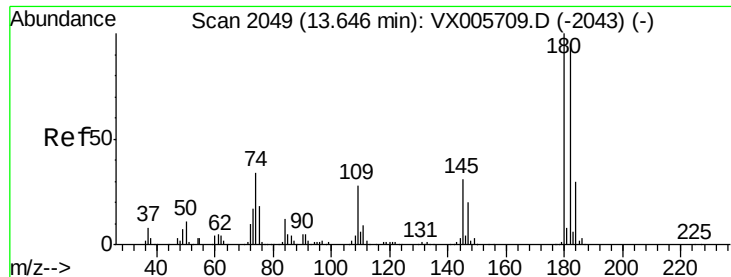
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.929 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	45.4	136.1
157	102.2	57.4	172.0





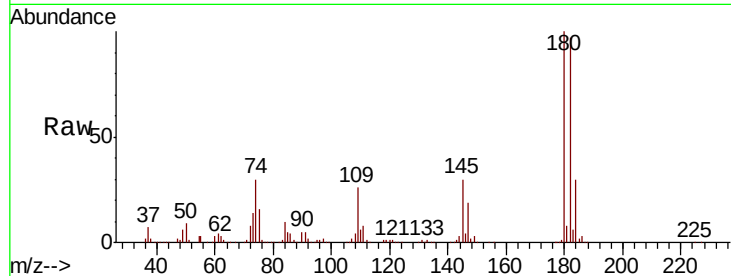
#93
 1,2,4-Trichlorobenzene
 Concen: 49.445 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

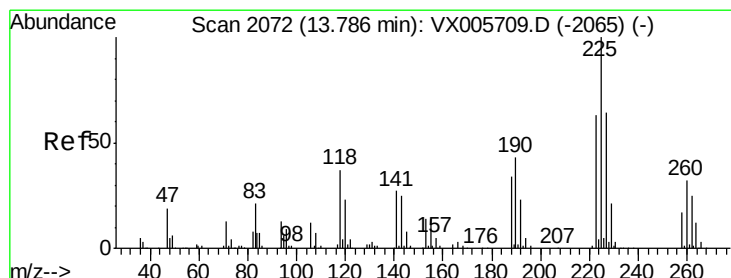
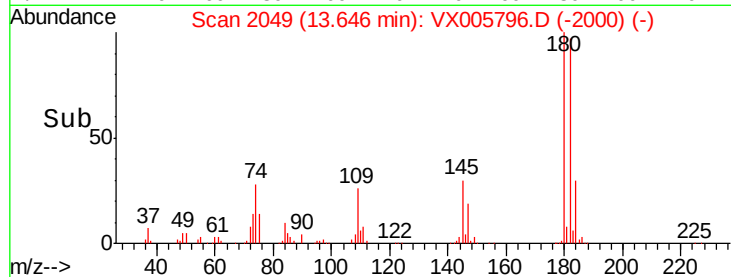
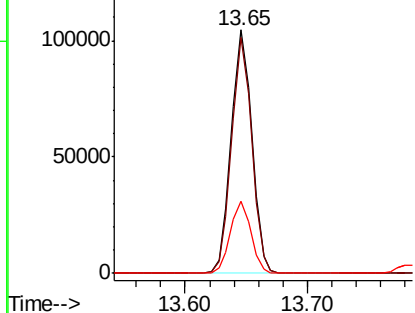
Tot Ion	Ratio	Resp	Lower	Upper
180	100	121763		
182	94.8	47.6	142.8	
145	29.6	14.1	42.2	

Manual Integrations
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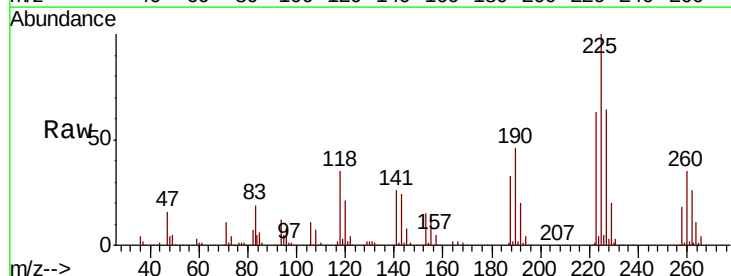


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

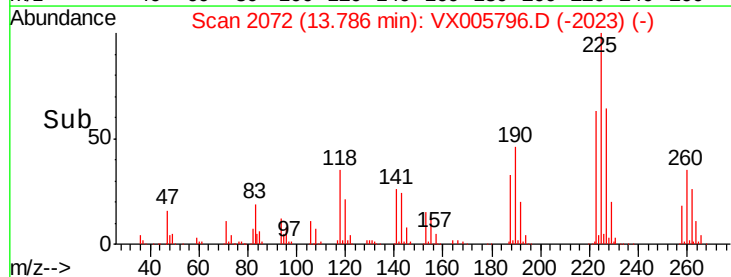
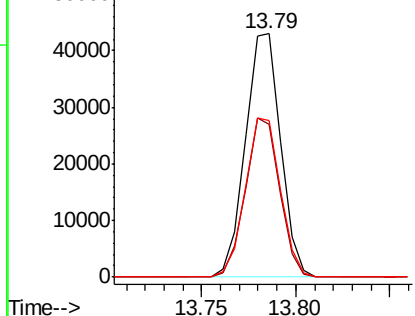


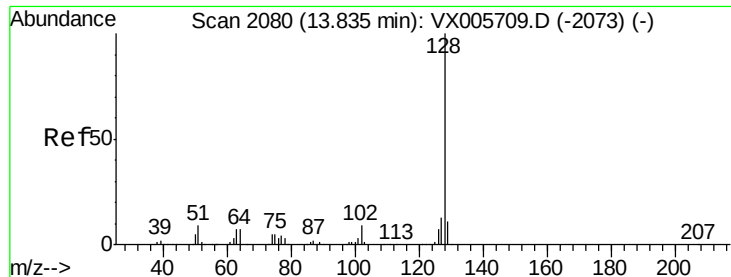
#94
 Hexachlorobutadiene
 Concen: 46.886 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005796.D
 Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55858		
223	63.4	31.7	95.1	
227	64.9	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





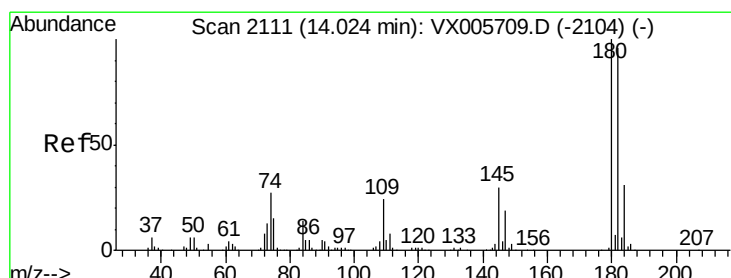
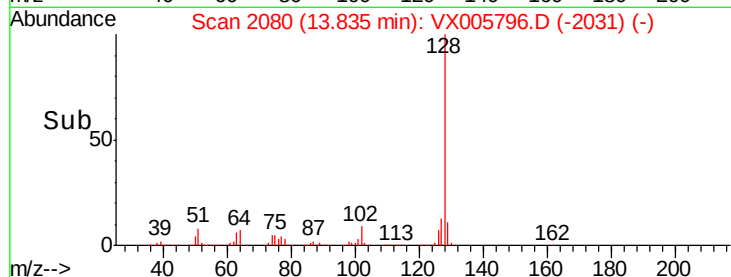
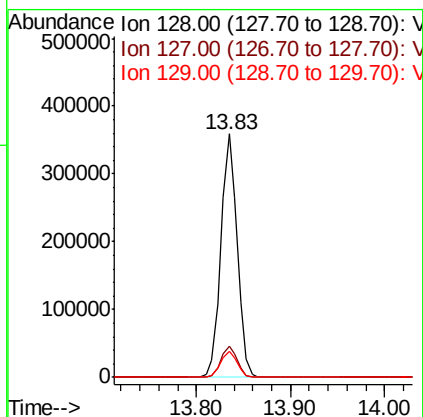
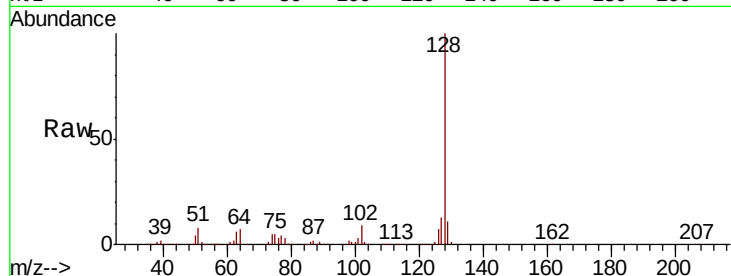
#95
Naphthalene
Concen: 52.833 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.459 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005796.D
Acq: 05 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.2
145	31.4	15.1	45.3

