

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX005023.D
 Acq On : 04 Oct 2018 17:21
 Operator : JC/MD
 Sample : VX1004MBS01
 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Manual Integrations
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 10/5/2018 4:49:35 PM

Quant Time: Oct 05 04:01:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170731	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.51	113	140182	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
50) Toluene-d8	8.71	98	527775	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.14	95	192866	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66783	20.521	ug/l	99
3) Chloromethane	1.32	50	75586	19.144	ug/l	99
4) Vinyl Chloride	1.40	62	74343	20.076	ug/l	97
5) Bromomethane	1.64	94	46698	21.266	ug/l	94
6) Chloroethane	1.72	64	43553	20.194	ug/l	98
7) Trichlorofluoromethane	1.93	101	94385	20.588	ug/l	96
8) Diethyl Ether	2.19	74	40207	20.188	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53896	20.639	ug/l	99
10) Methyl Iodide	2.51	142	53709	15.370	ug/l	95
11) Tert butyl alcohol	3.07	59	96254	100.965	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51559	19.936	ug/l	98
13) Acrolein	2.29	56	16581	24.445	ug/l	89
14) Allyl chloride	2.73	41	115016	20.383	ug/l	96
15) Acrylonitrile	3.15	53	220078	104.866	ug/l	97
16) Acetone	2.45	43	187833	94.362	ug/l	92
17) Carbon Disulfide	2.57	76	134398	17.294	ug/l	98
18) Methyl Acetate	2.78	43	123711	24.530	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	200193	22.442	ug/l	97
20) Methylene Chloride	2.85	84	62527	21.120	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	55666	19.663	ug/l	88
22) Diisopropyl ether	3.87	45	201441	21.200	ug/l	98
23) Vinyl Acetate	3.82	43	862892	99.209	ug/l	99
24) 1,1-Dichloroethane	3.70	63	113862	20.088	ug/l	99
25) 2-Butanone	4.71	43	290118	98.877	ug/l	99
26) 2,2-Dichloropropane	4.58	77	74762	18.941	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	62984	19.915	ug/l	94
28) Bromochloromethane	5.02	49	52566	19.694	ug/l	98
29) Tetrahydrofuran	5.16	42	190597	104.513	ug/l	99
30) Chloroform	5.21	83	105274	19.652	ug/l	100
31) Cyclohexane	5.57	56	90980	20.972	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	86822	19.846	ug/l	95
36) 1,1-Dichloropropene	5.80	75	74890	17.922	ug/l	94
37) Ethyl Acetate	4.86	43	101807	18.354	ug/l	98
38) Carbon Tetrachloride	5.78	117	74591	16.981	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84052	19.699	ug/l #	85
40) Benzene	6.14	78	238765	18.251	ug/l	95
41) Methacrylonitrile	5.06	41	57334	18.639	ug/l	96
42) 1,2-Dichloroethane	6.20	62	83301	18.012	ug/l	99
43) Isopropyl Acetate	6.46	43	150292	18.773	ug/l	95
44) Trichloroethene	7.21	130	62068	19.300	ug/l	96
45) 1,2-Dichloropropane	7.52	63	65359	20.373	ug/l	99
46) Dibromomethane	7.66	93	40326	20.001	ug/l	99
47) Bromodichloromethane	7.90	83	74592	19.760	ug/l	98
48) Methyl methacrylate	7.78	41	77368	21.291	ug/l	97
49) 1,4-Dioxane	7.76	88	33851	374.971	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	545668	108.249	ug/l	99
52) Toluene	8.79	92	147301	20.492	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81715	19.156	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	92122	20.618	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	62149	19.738	ug/l	96
56) Ethyl methacrylate	9.18	69	94231	20.249	ug/l	96
57) 1,3-Dichloropropane	9.37	76	105297	20.093	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	274127	109.525	ug/l	99
59) 2-Hexanone	9.50	43	423793	100.888	ug/l	95
60) Dibromochloromethane	9.59	129	60160	19.105	ug/l	98
61) 1,2-Dibromoethane	9.68	107	64159	19.026	ug/l	98
64) Tetrachloroethene	9.34	164	63430	18.797	ug/l	96
65) Chlorobenzene	10.14	112	163852	18.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56759	18.364	ug/l	99
67) Ethyl Benzene	10.26	91	270442	19.375	ug/l	97
68) m/p-Xylenes	10.36	106	212931	39.038	ug/l	96
69) o-Xylene	10.70	106	101551	20.270	ug/l	100
70) Styrene	10.71	104	170397	19.547	ug/l	100
71) Bromoform	10.86	173	46630	17.622	ug/l #	95
73) Isopropylbenzene	11.02	105	273090	21.467	ug/l	99
74) N-amyl acetate	10.90	43	128087	19.426	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	98047	18.934	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91559m	20.240	ug/l	
77) Bromobenzene	11.26	156	75244	20.364	ug/l	99
78) n-propylbenzene	11.36	91	307352	21.057	ug/l	99
79) 2-Chlorotoluene	11.42	91	189869	20.869	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230561	19.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25878	16.970	ug/l	98
82) 4-Chlorotoluene	11.51	91	220900	20.628	ug/l	100
83) tert-Butylbenzene	11.77	119	223717	21.360	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	240921	19.918	ug/l	99
85) sec-Butylbenzene	11.94	105	267621	20.978	ug/l	100
86) p-Isopropyltoluene	12.07	119	240600	20.816	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	135197	19.595	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	138474	19.442	ug/l	99
89) n-Butylbenzene	12.39	91	205354	19.563	ug/l	100
90) Hexachloroethane	12.60	117	34332	17.840	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	137022	19.004	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21902	19.263	ug/l	98

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VX1004MBS01

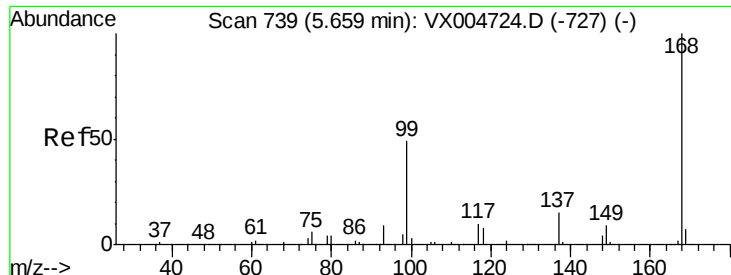
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98394	19.453	ug/l	100
94) Hexachlorobutadiene	13.78	225	46962	17.905	ug/l	99
95) Naphthalene	13.83	128	317732	19.374	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101094	19.349	ug/l	100

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



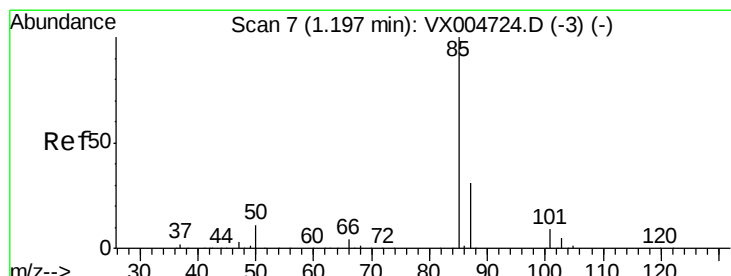
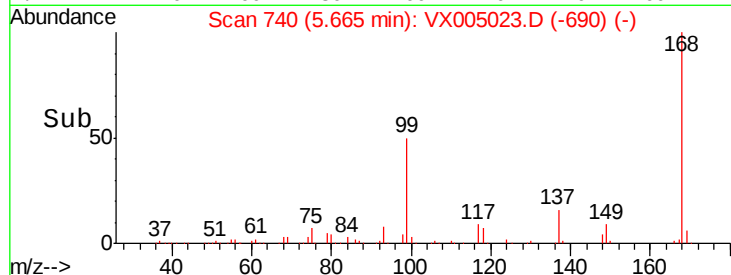
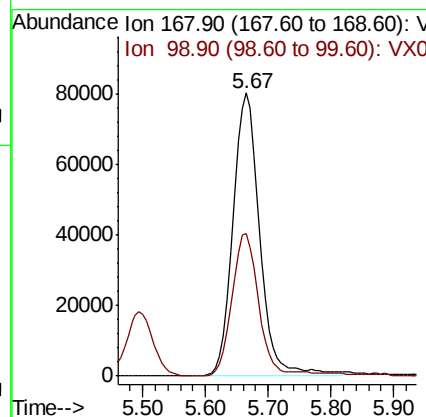
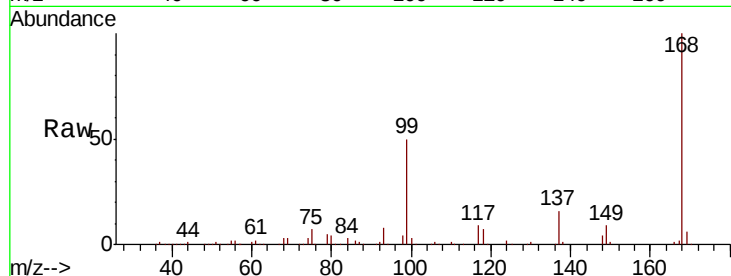
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	238680		
99	50.2	39.3	58.9	

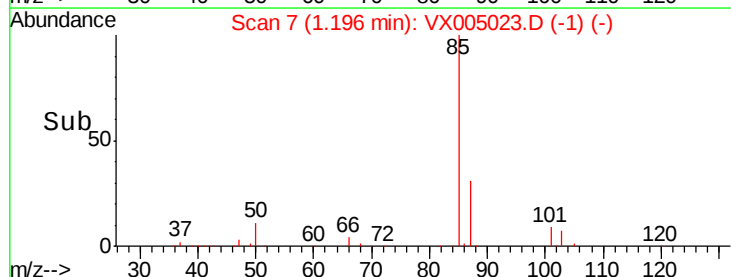
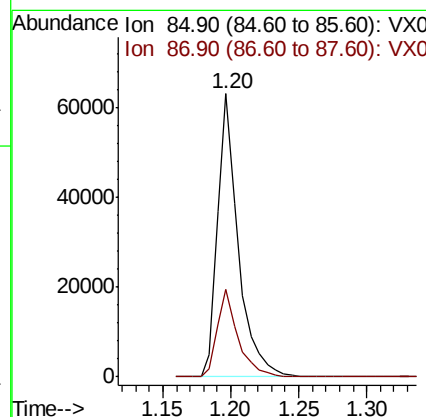
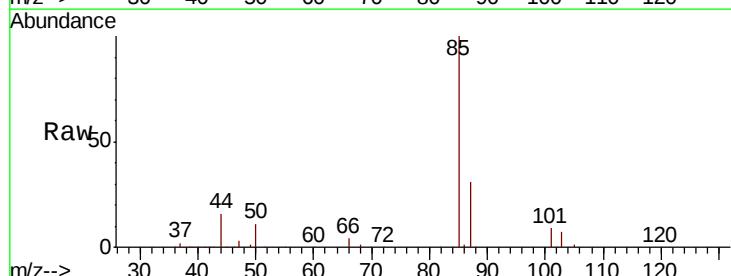
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 20.521 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	66783		
87	30.9	15.7	47.1	





#3

Chloromethane

Concen: 19.144 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 50 Resp: 75586

Ion Ratio Lower Upper

50 100

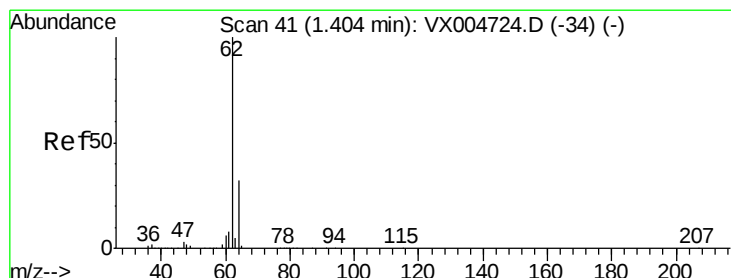
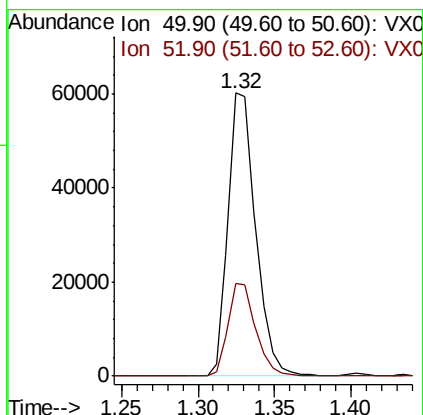
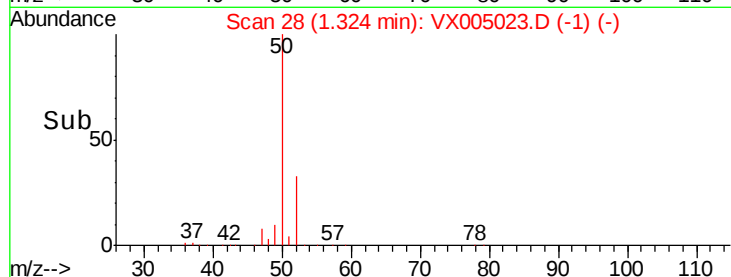
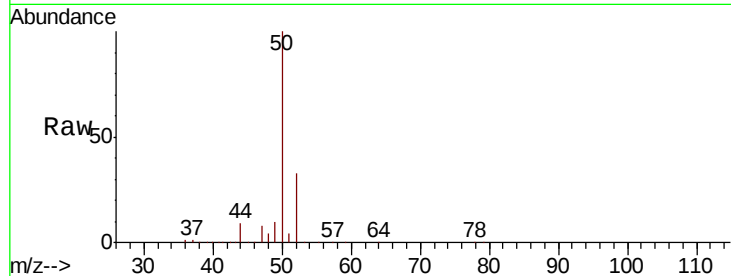
52 32.6 25.8 38.6

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#4

Vinyl Chloride

Concen: 20.076 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005023.D

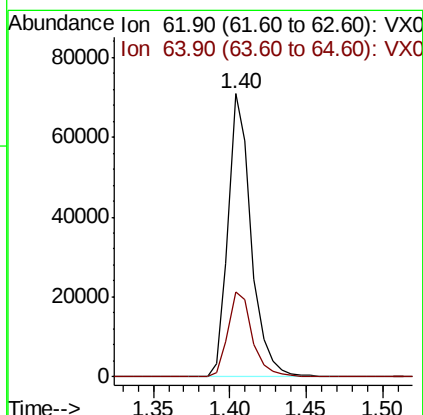
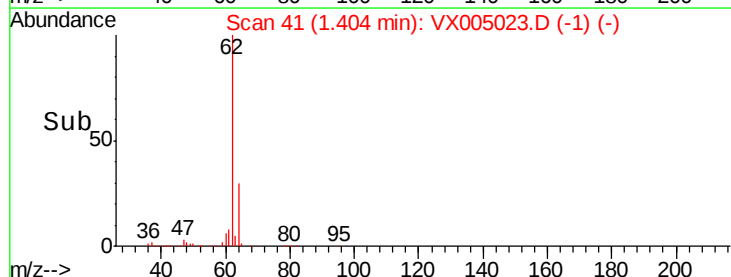
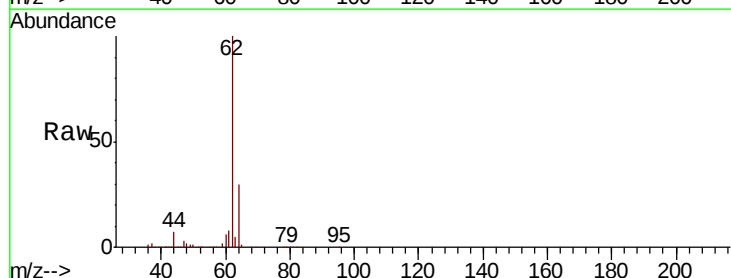
Acq: 04 Oct 2018 17:21

Tgt Ion: 62 Resp: 74343

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3





#5

Bromomethane

Concen: 21.266 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 94 Resp: 46698

Ion Ratio Lower Upper

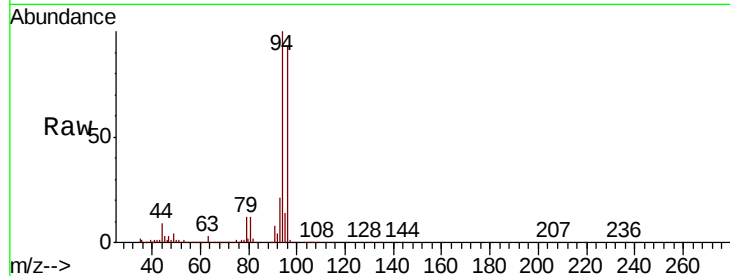
94 100

96 93.2 79.5 119.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

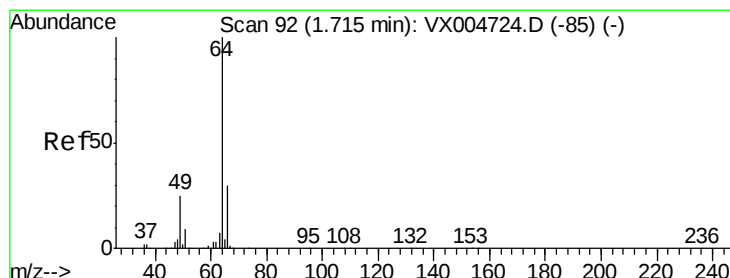
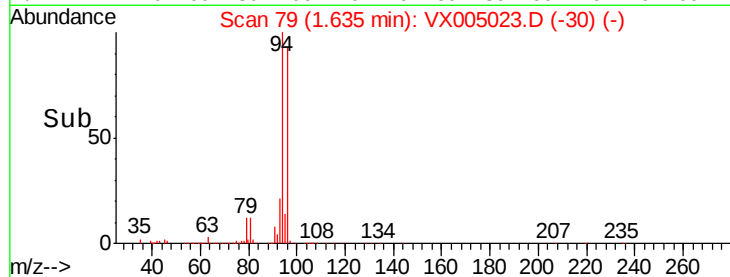
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10000

0

1.60 1.70 1.80

Time-->



#6

Chloroethane

Concen: 20.194 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005023.D

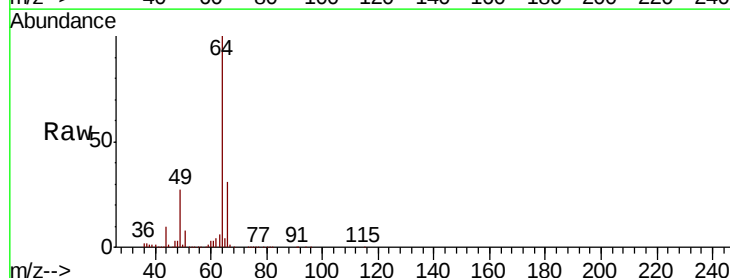
Acq: 04 Oct 2018 17:21

Tgt Ion: 64 Resp: 43553

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

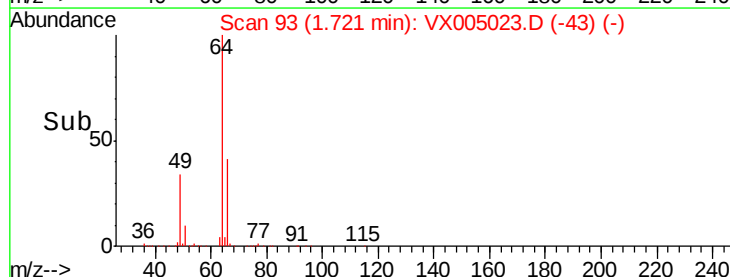
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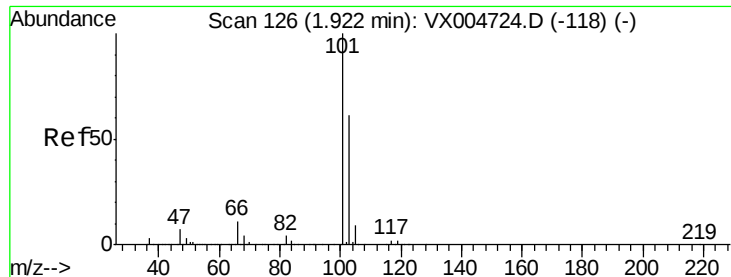
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1.65 1.70 1.75 1.80

Time-->





#7

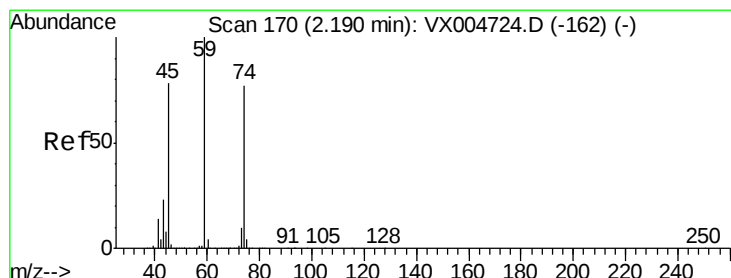
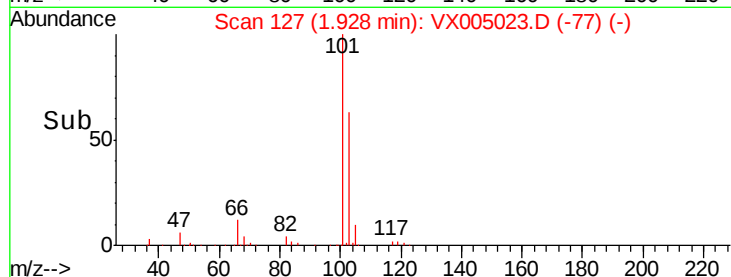
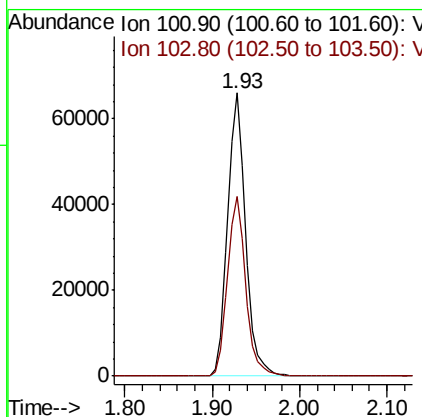
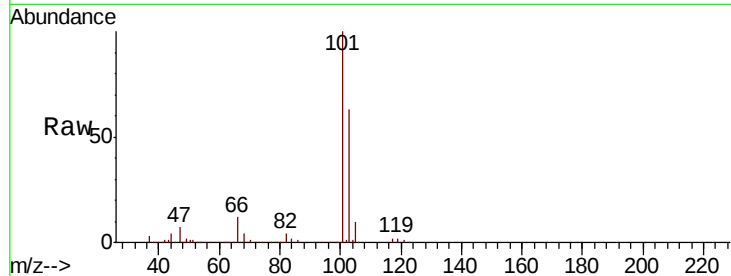
Trichlorofluoromethane
Concen: 20.588 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	48.4	72.6

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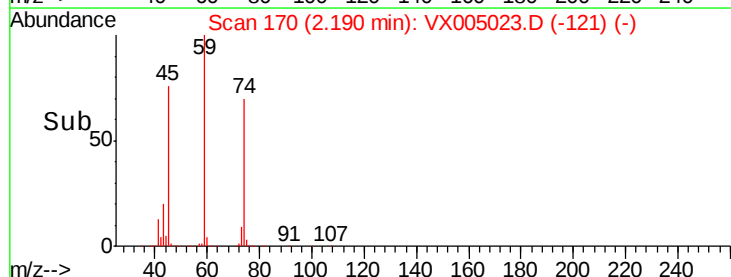
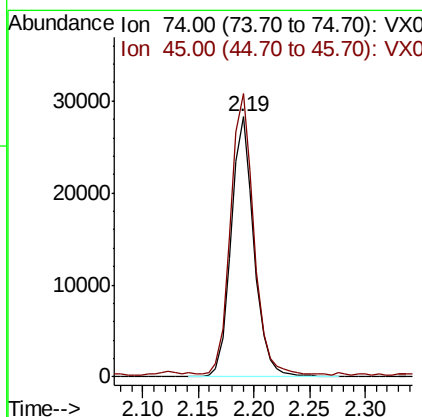
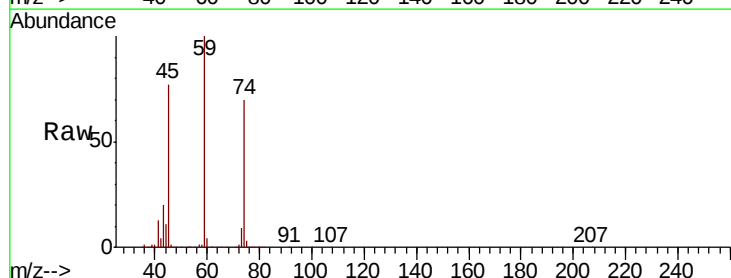
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#8

Diethyl Ether
Concen: 20.188 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.6	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.639 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

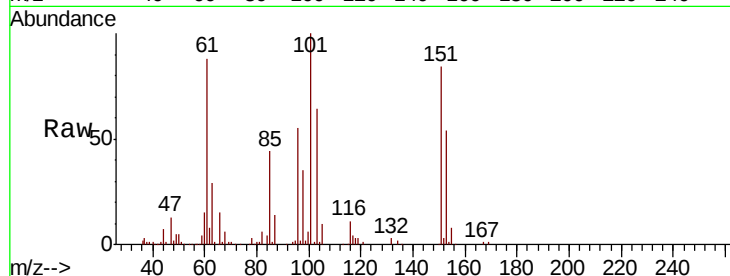
ClientSampleId :

VX1004MBS01

Tot Ion:	101	Resp:	53896
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.9	53.9
151	83.5	66.6	100.0

Manual Integrations
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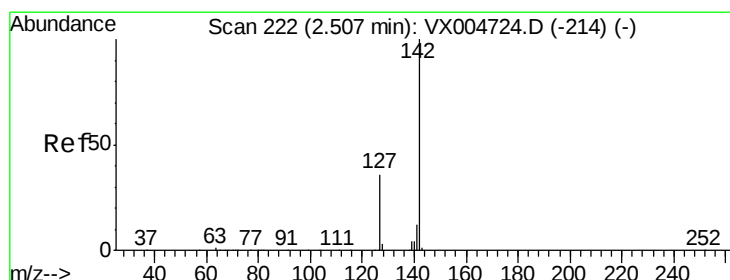
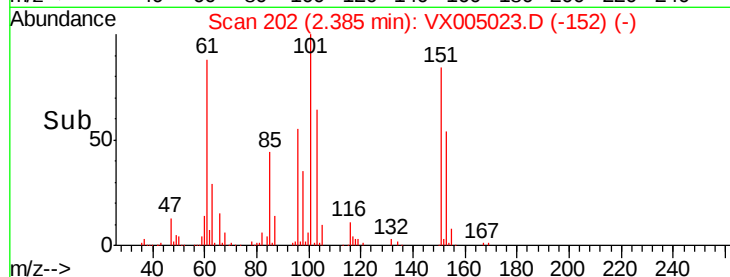
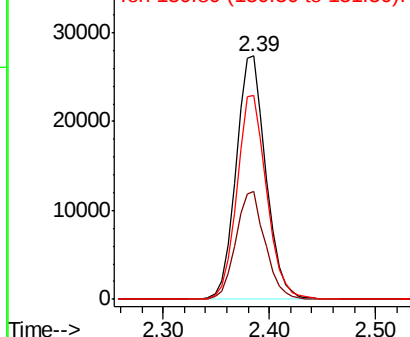


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.370 ug/l

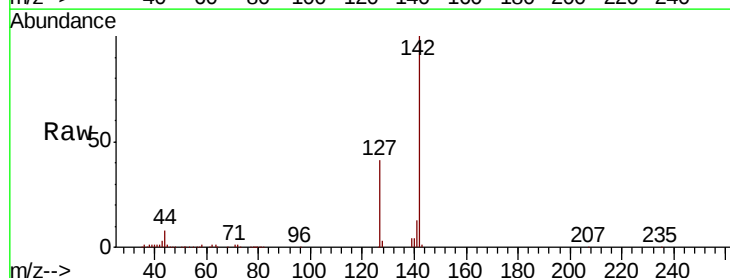
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Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	142	Resp:	53709
Ion Ratio	Lower	Upper	
142	100		
127	41.2	30.1	45.1
141	14.0	10.1	15.1

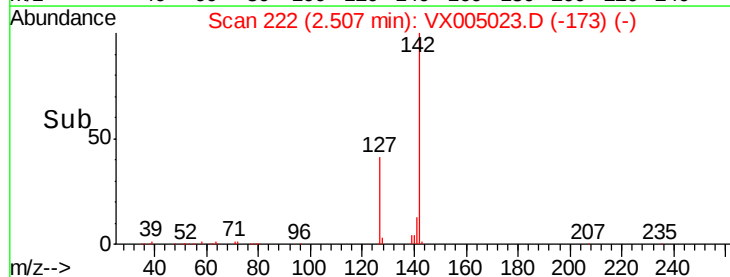
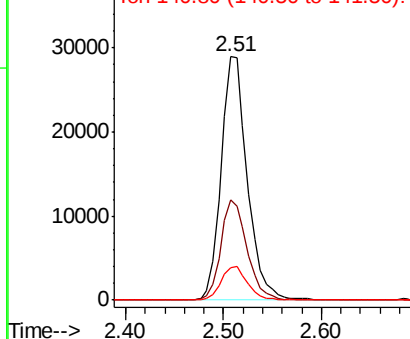


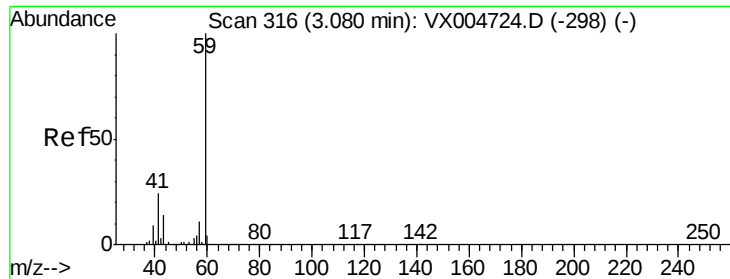
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

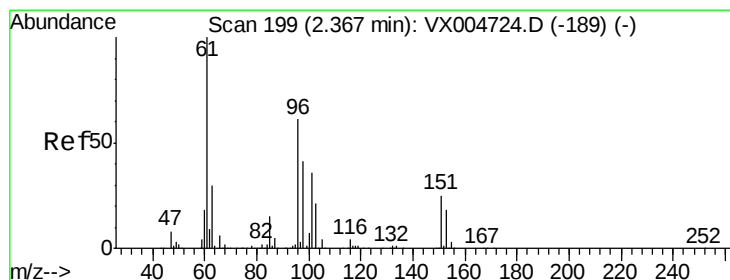
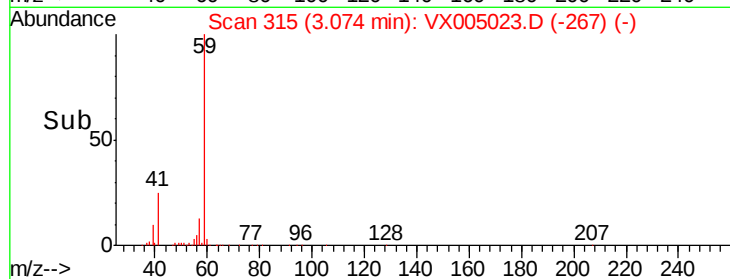
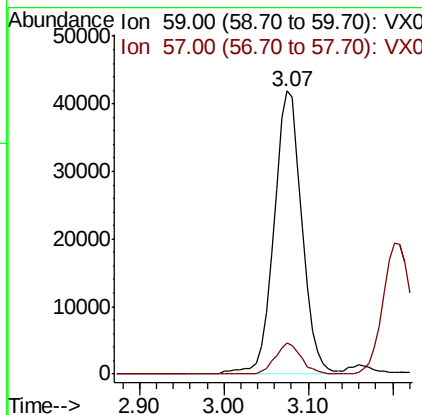
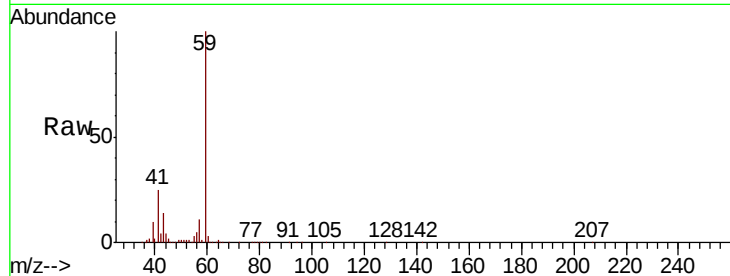
Tert butyl alcohol
Concen: 100.965 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	59	57	Ratio	100	10.5	Resp	96254	Lower	Upper
59	100								
57		10.5						8.6	12.8

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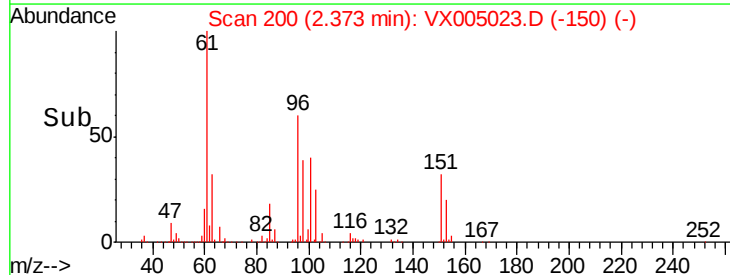
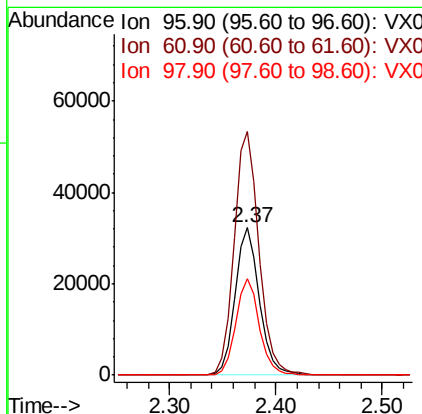
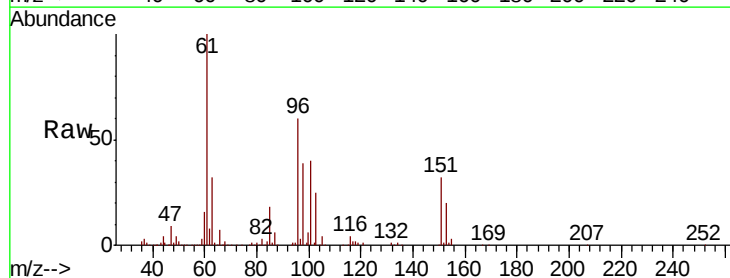
apatel
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#12

1,1-Dichloroethene
Concen: 19.936 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	96	61	98	Ratio	100	165.2	65.2	Resp	51559	Lower	Upper
96	100										
61		165.2								130.2	195.4
98		65.2								53.4	80.0





#13

Acrolein

Concen: 24.445 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 56 Resp: 16581

Ion Ratio Lower Upper

56 100

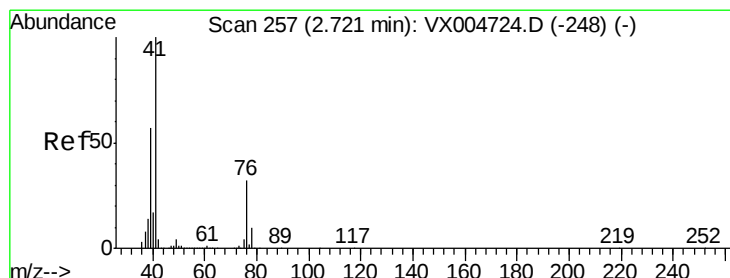
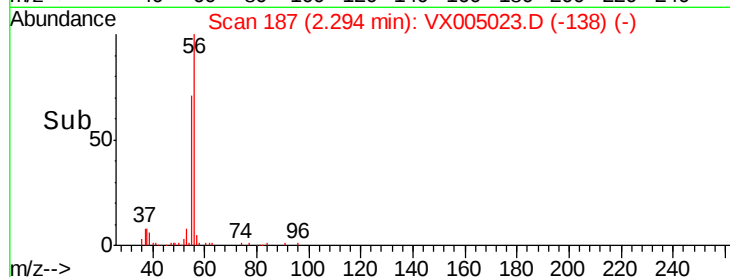
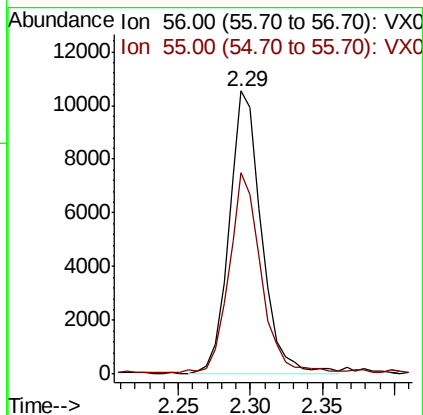
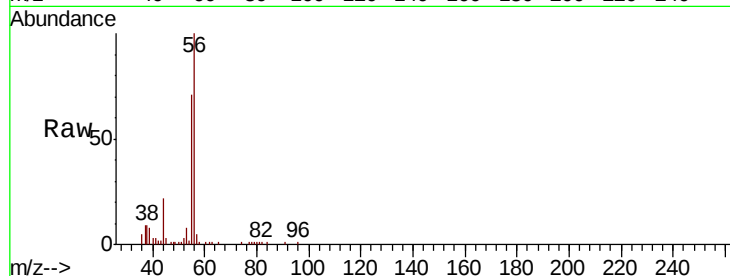
55 69.4 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.383 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

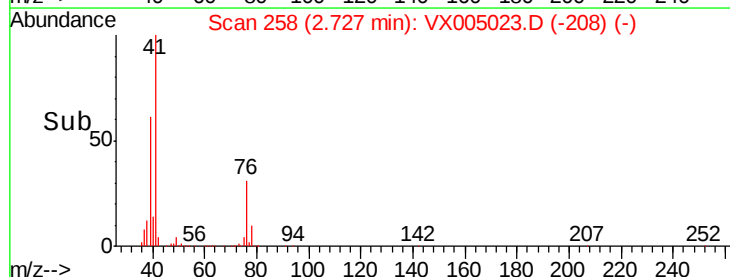
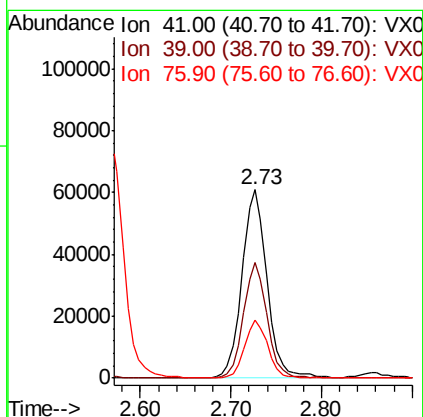
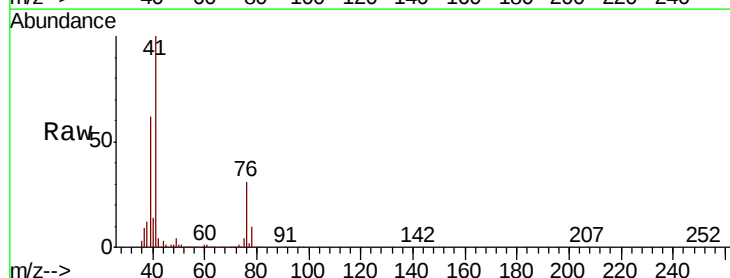
Tgt Ion: 41 Resp: 115016

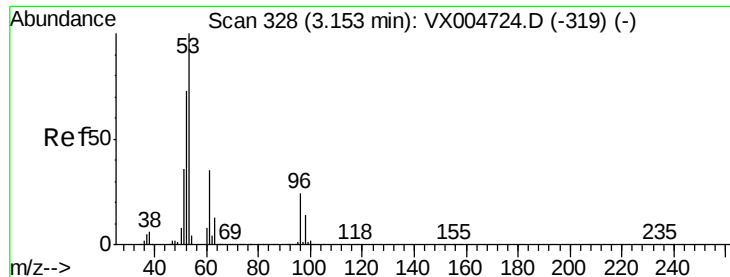
Ion Ratio Lower Upper

41 100

39 57.9 44.1 66.1

76 28.4 25.0 37.4





#15

Acrylonitrile

Concen: 104.866 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

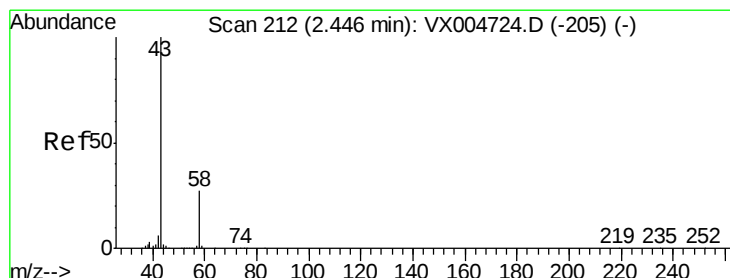
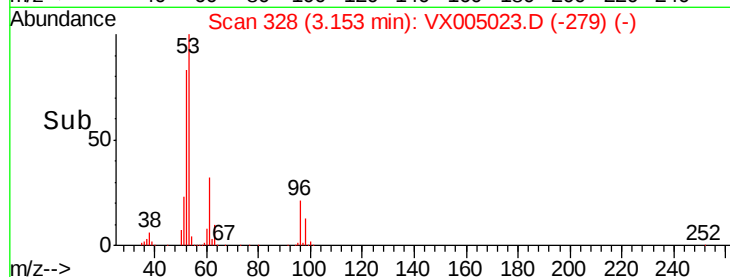
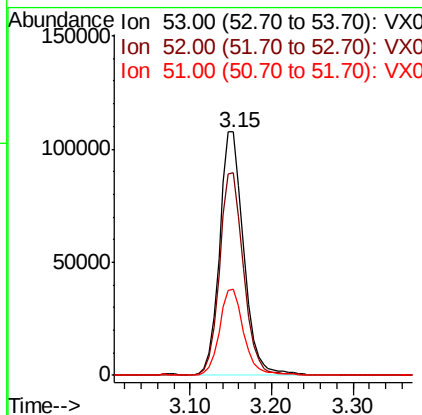
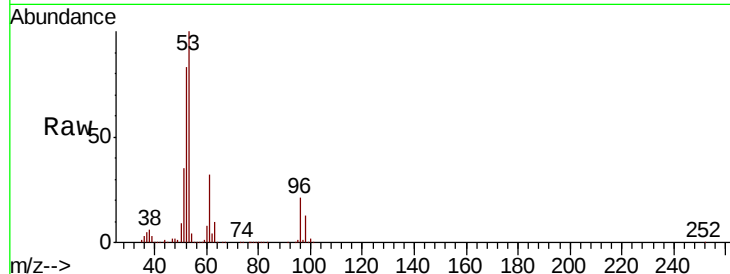
ClientSampled :

VX1004MBS01

Tot Ion:	53	Resp:	220078
Ion Ratio	Lower	Upper	
53	100		
52	82.6	63.0	94.4
51	35.6	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 94.362 ug/l

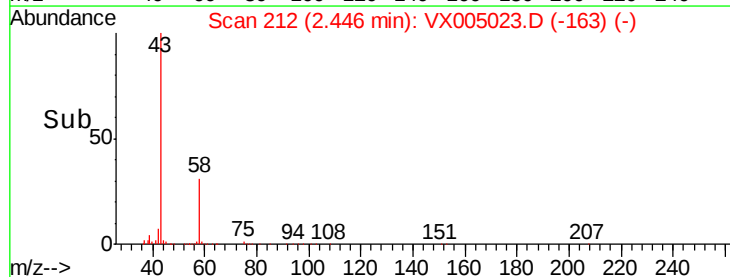
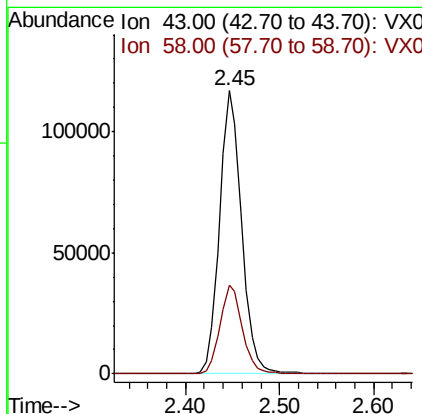
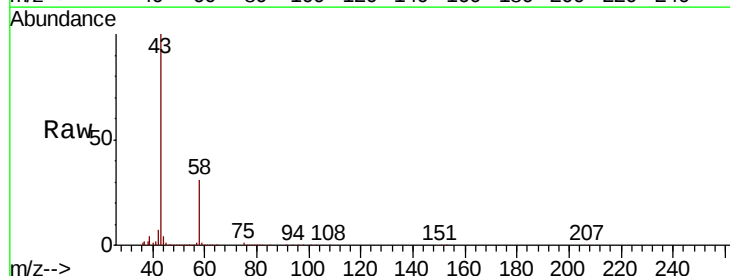
RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	43	Resp:	187833
Ion Ratio	Lower	Upper	
43	100		
58	31.3	21.8	32.6





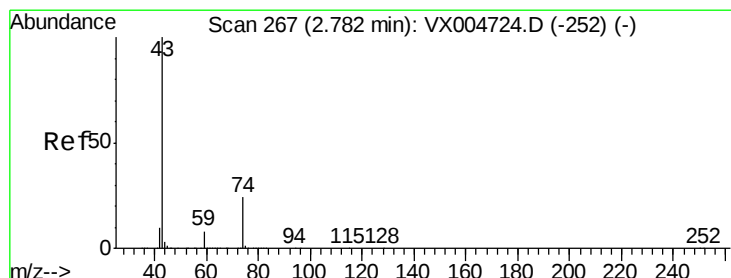
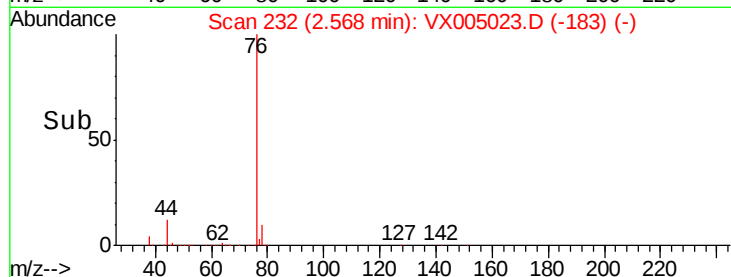
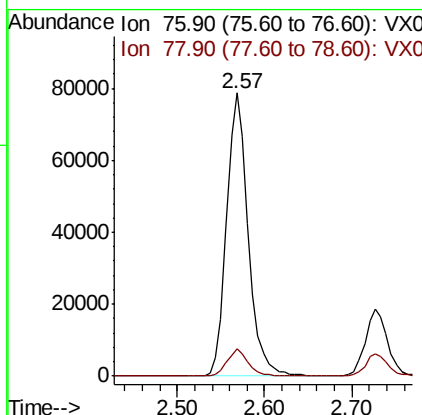
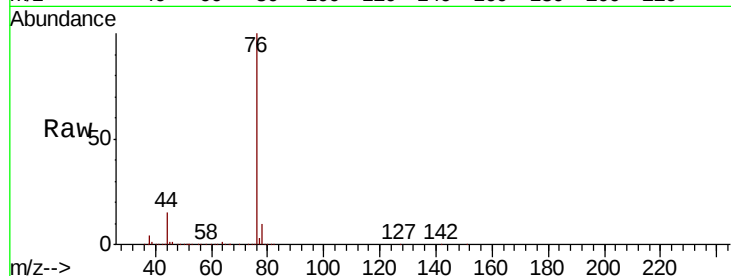
#17
Carbon Disulfide
Concen: 17.294 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

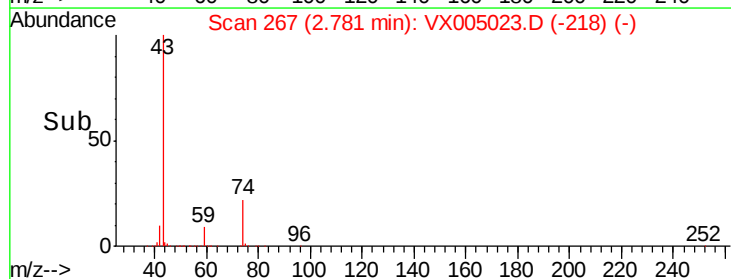
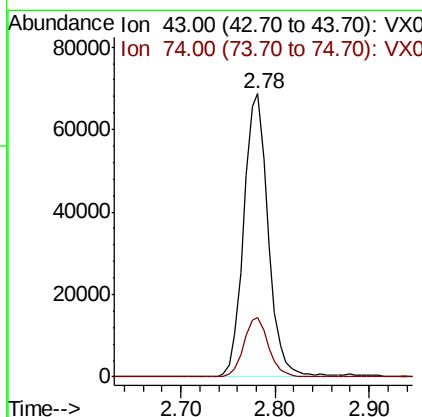
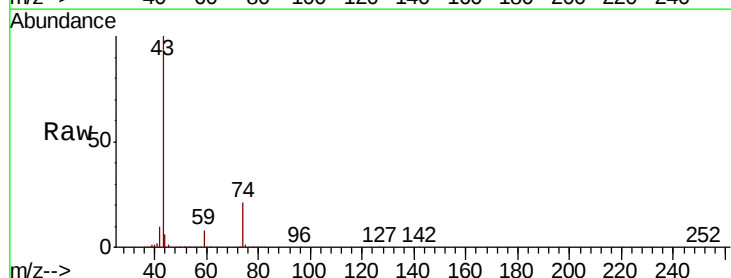
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#18
Methyl Acetate
Concen: 24.530 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.8	26.8





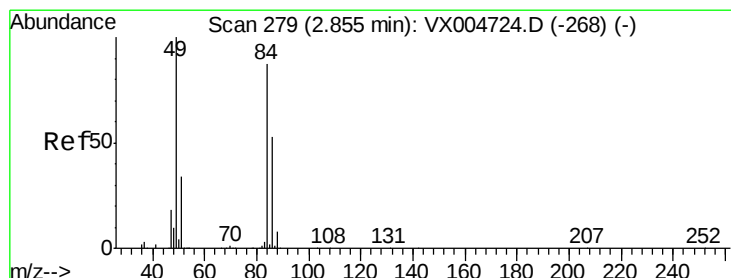
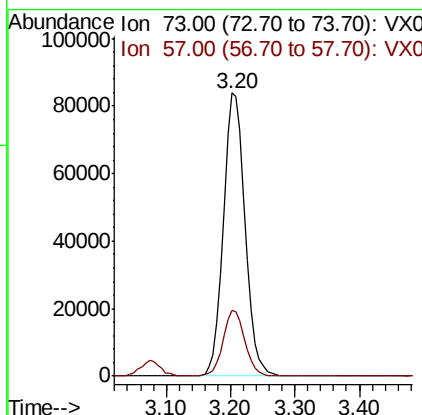
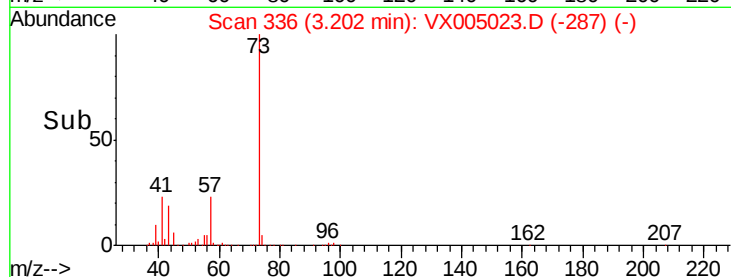
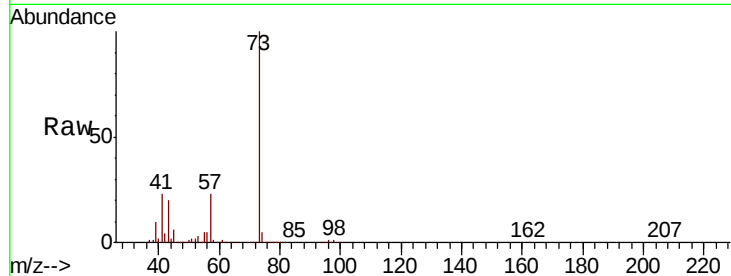
#19
Methvl tert-butvl Ether
Concen: 22.442 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	19.9	29.9

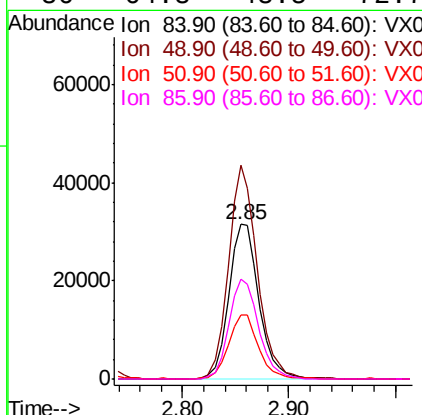
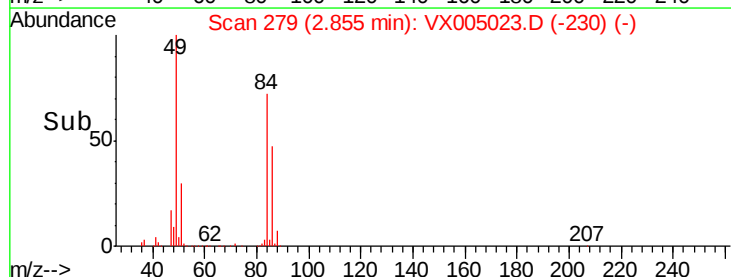
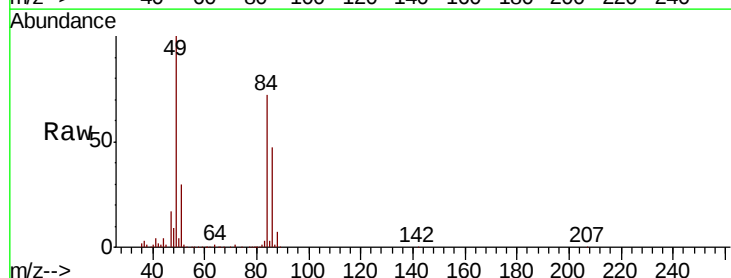
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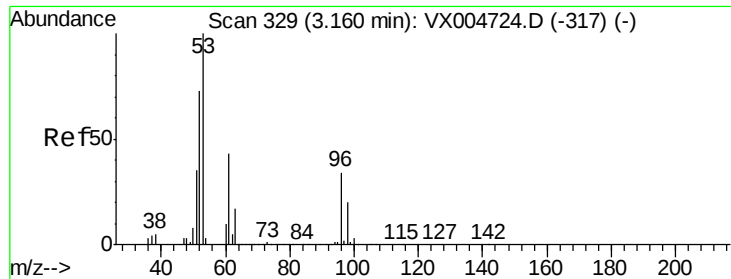
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#20
Methylene Chloride
Concen: 21.120 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.8	92.3	138.5
51	41.4	31.8	47.6
86	64.8	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 19.663 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

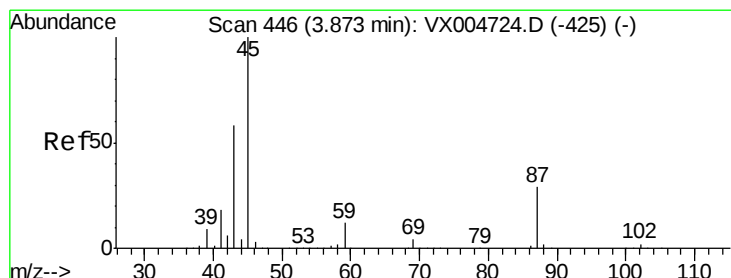
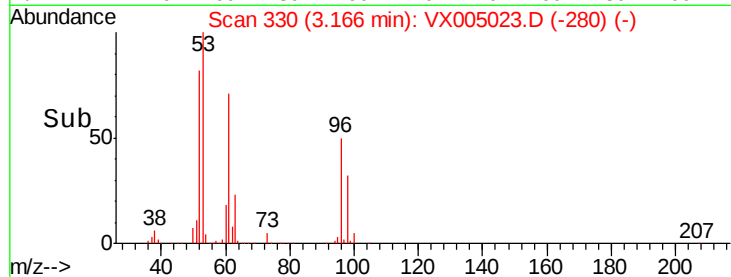
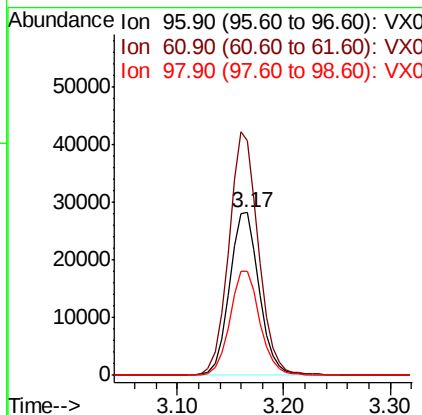
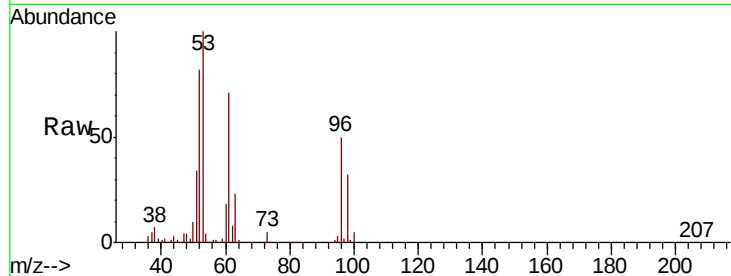
ClientSampleId :

VX1004MBS01

Tot Ion:	96	Resp:	55666
Ion	Ratio	Lower	Upper
96	100		
61	143.6	101.0	151.6
98	64.0	47.2	70.8

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#22

Diisopropyl ether

Concen: 21.200 ug/l

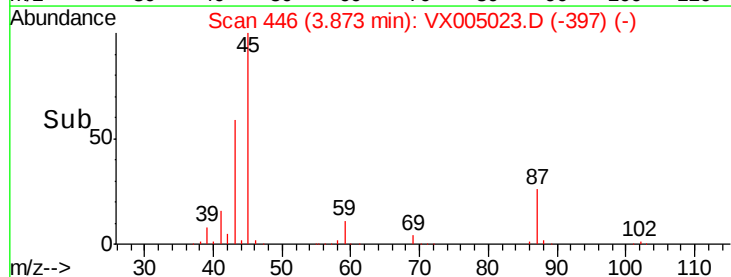
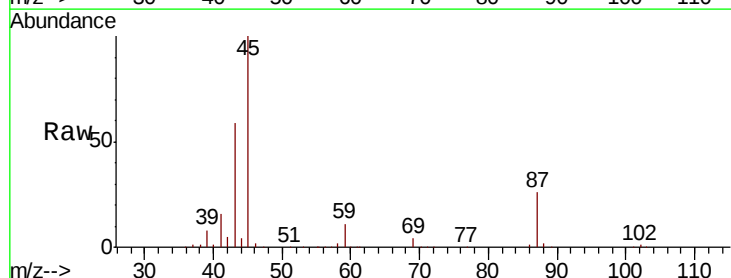
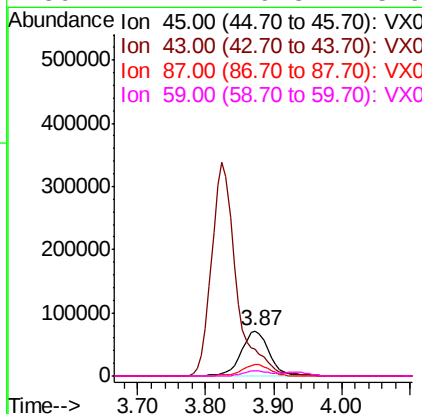
RT: 3.87 min Scan# 446

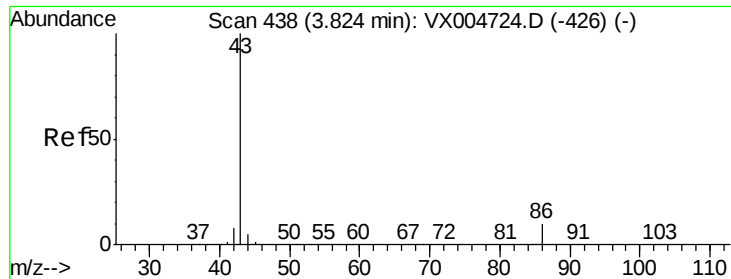
Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	45	Resp:	201441
Ion	Ratio	Lower	Upper
45	100		
43	58.0	46.7	70.1
87	25.7	22.9	34.3
59	11.1	9.3	13.9





#23

Vinyl Acetate

Concen: 99.209 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 43 Resp: 862892

Ion Ratio Lower Upper

43 100

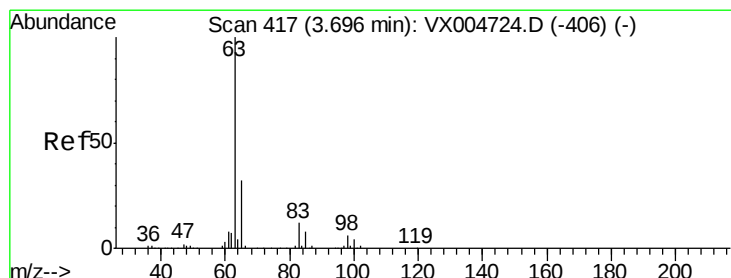
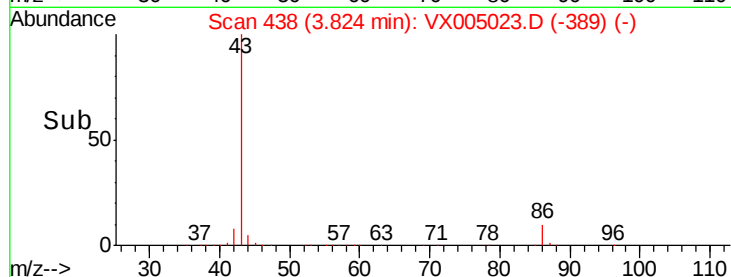
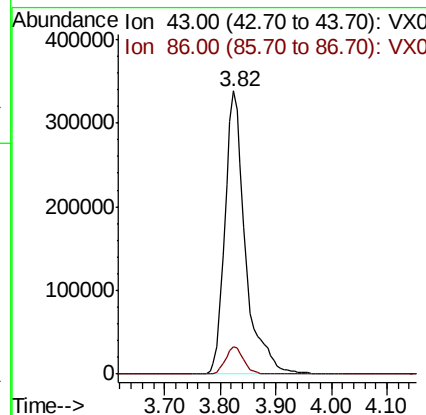
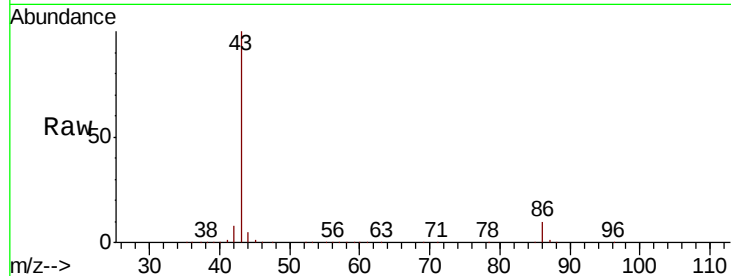
86 9.6 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 20.088 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

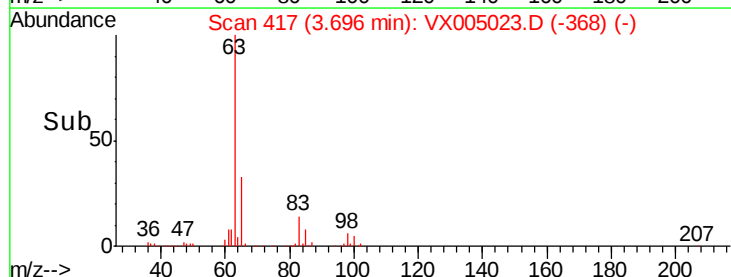
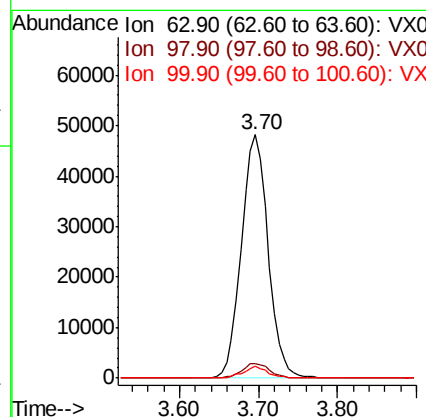
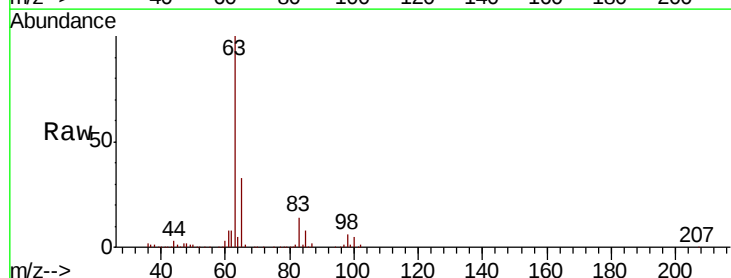
Tgt Ion: 63 Resp: 113862

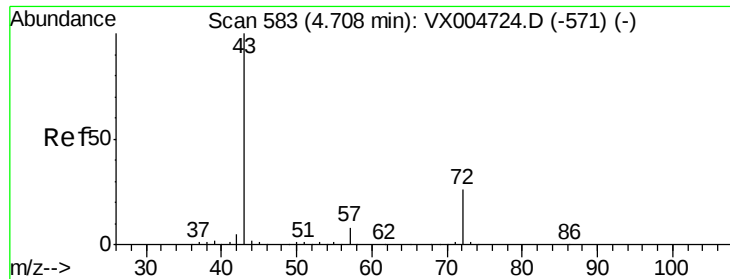
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.8 2.0 5.8





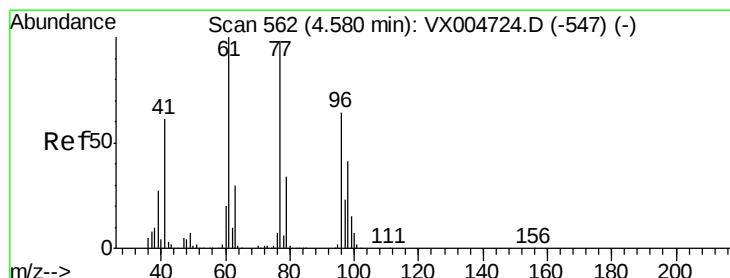
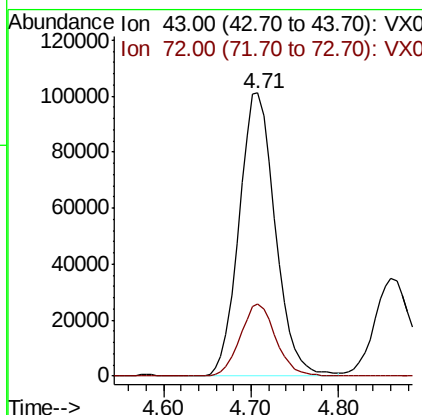
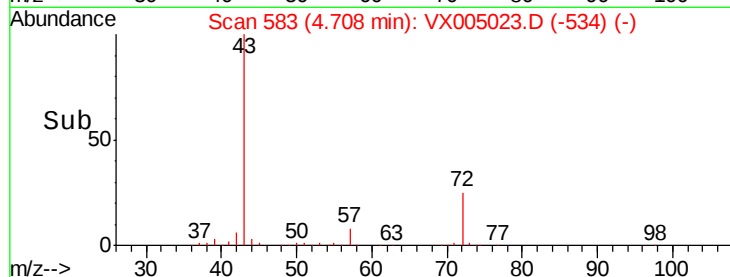
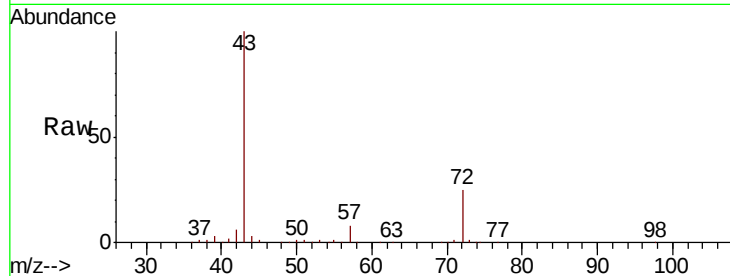
#25
2-Butanone
Concen: 98.877 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.4	20.8	31.2

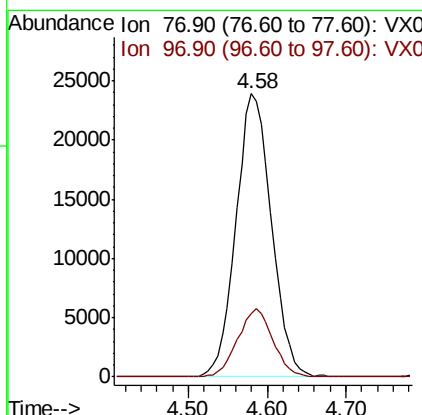
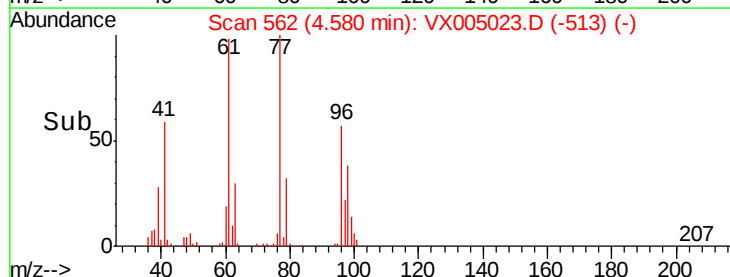
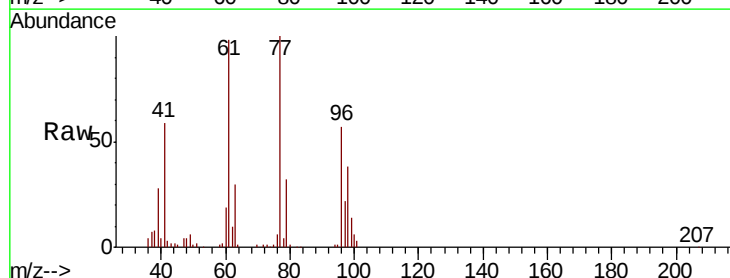
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 18.941 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.9	12.6	37.8





#27

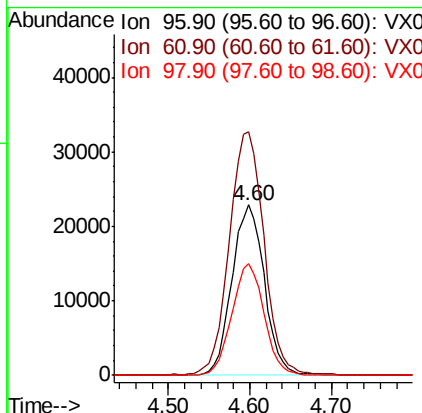
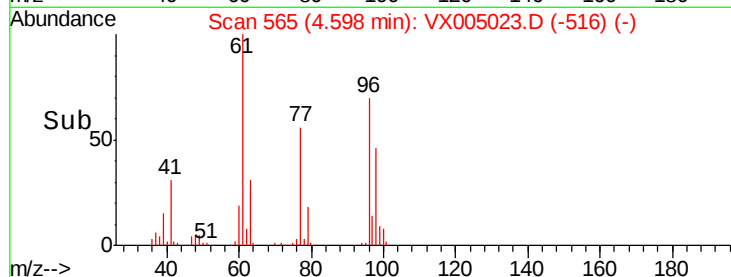
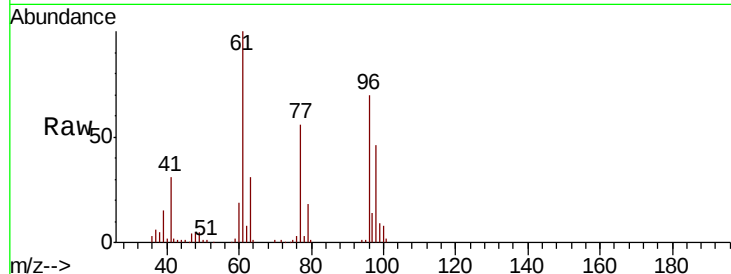
cis-1,2-Dichloroethene
Concen: 19.915 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	285.8
98	64.9	0.0	136.2

Manual Integrations
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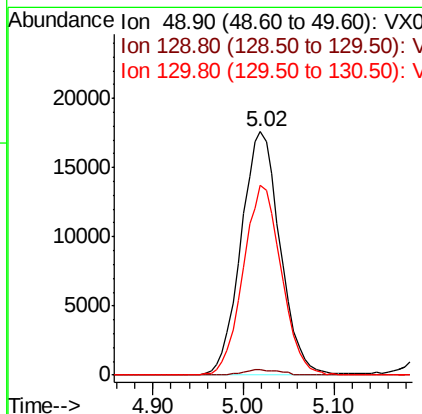
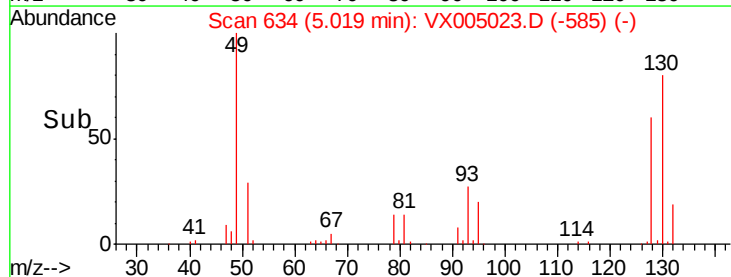
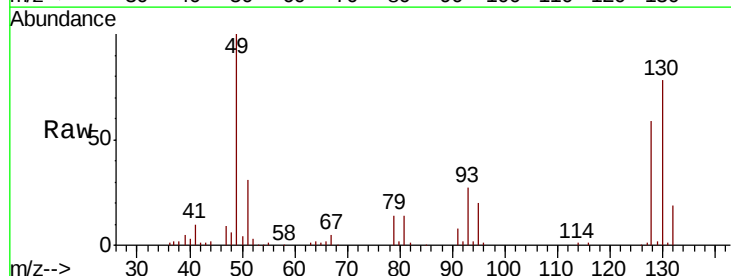
apatel
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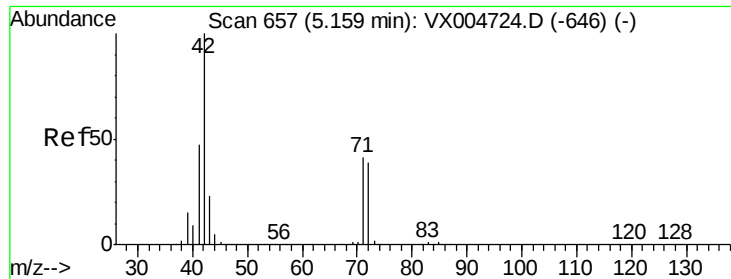


#28

Bromochloromethane
Concen: 19.694 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	76.0	62.0	93.0





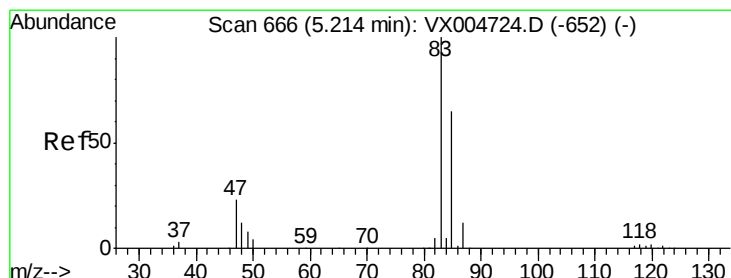
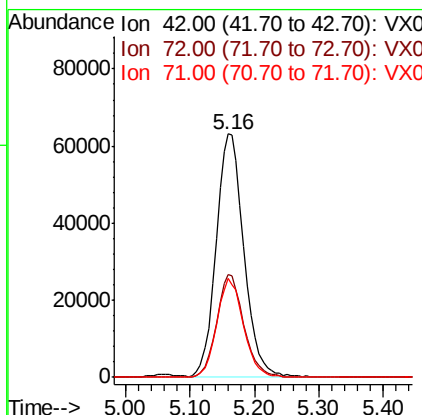
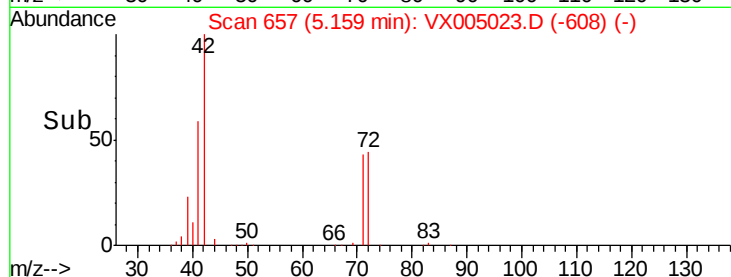
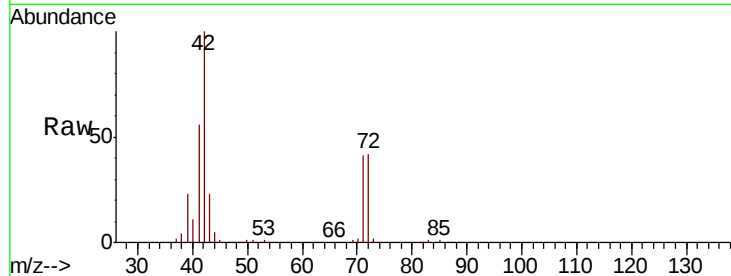
#29
Tetrahydrofuran
Concen: 104.513 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion:	42	Resp:	190597
Ion Ratio		Lower	Upper
42	100		
72	41.5	33.7	50.5
71	39.4	32.2	48.4

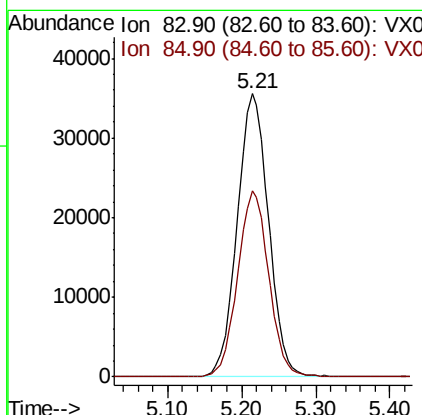
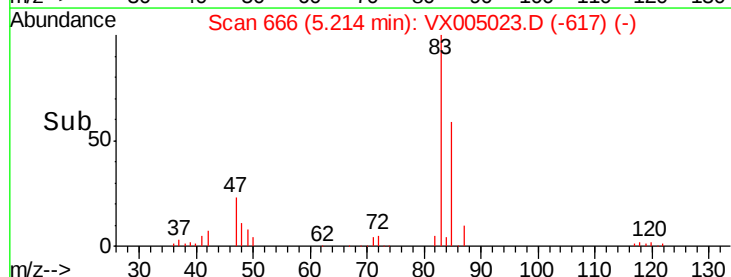
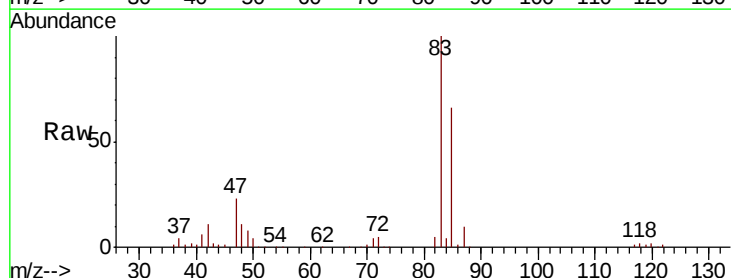
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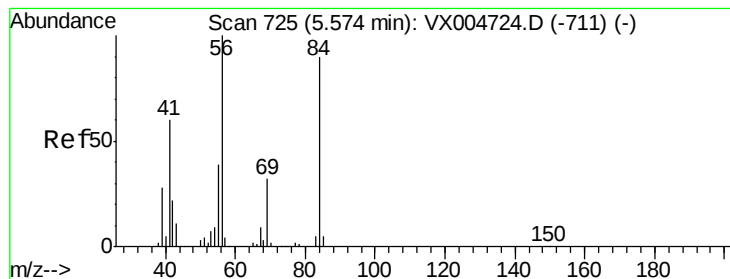
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#30
Chloroform
Concen: 19.652 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:	83	Resp:	105274
Ion Ratio		Lower	Upper
83	100		
85	65.9	52.4	78.6





#31

Cyclohexane

Concen: 20.972 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

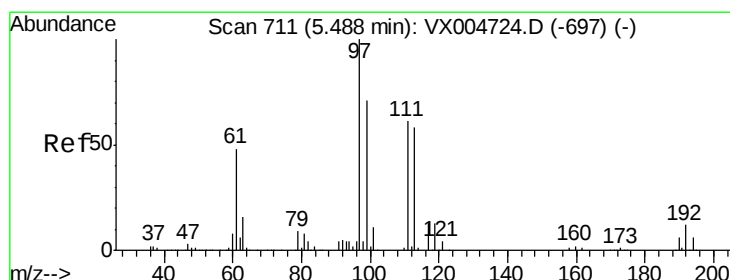
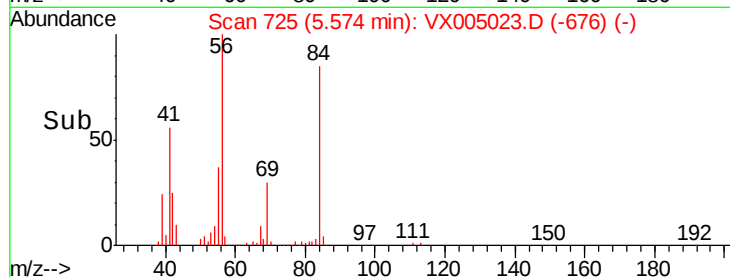
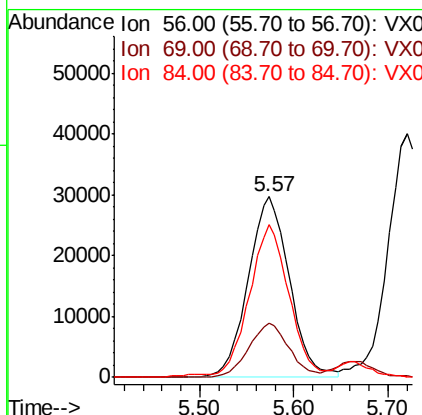
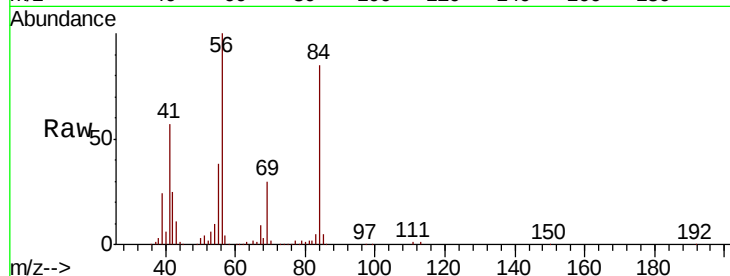
ClientSampleId :

VX1004MBS01

Tot Ion:	56	Resp:	90980
Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.9	38.9
84	82.8	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 19.846 ug/l

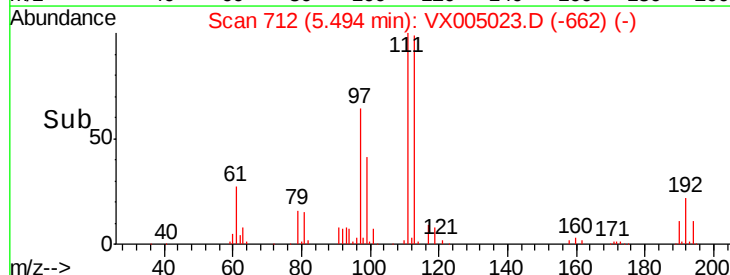
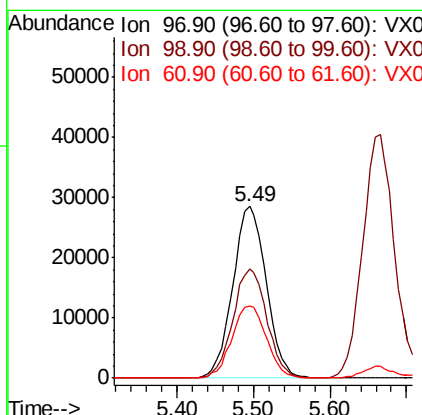
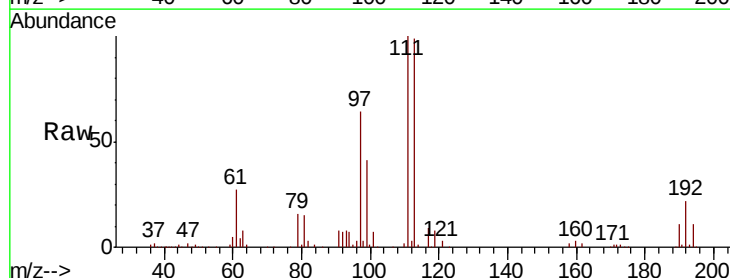
RT: 5.49 min Scan# 712

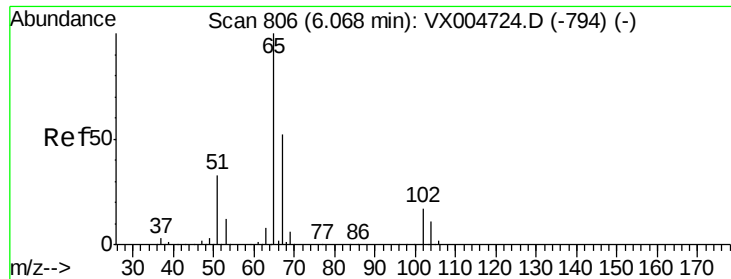
Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	97	Resp:	86822
Ion	Ratio	Lower	Upper
97	100		
99	64.3	54.6	82.0
61	43.9	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 50.074 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 65 Resp: 170731

Ion Ratio Lower Upper

65 100

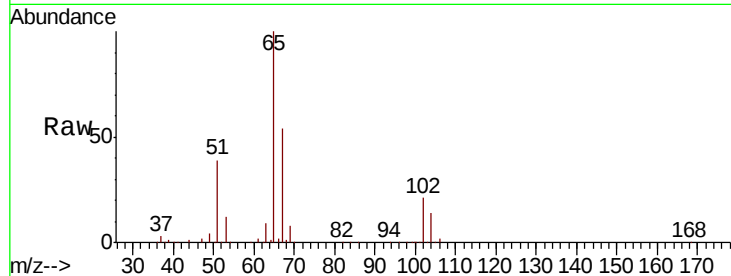
67 53.6 0.0 107.4

Manual Integrations

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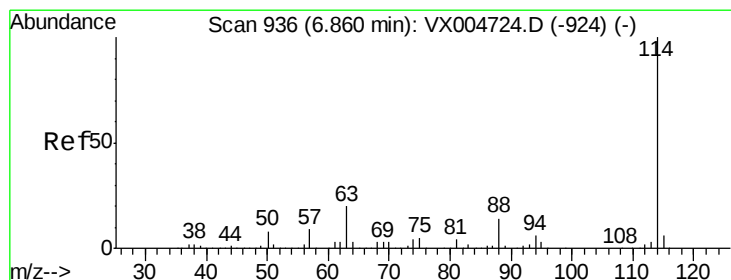
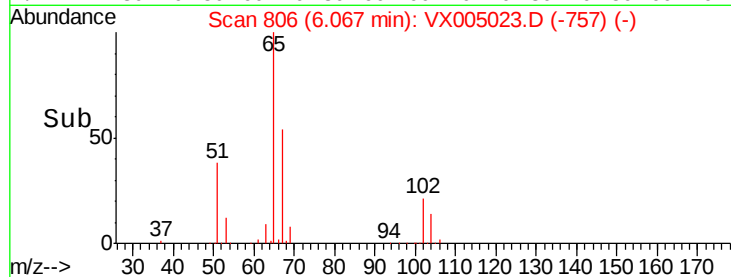
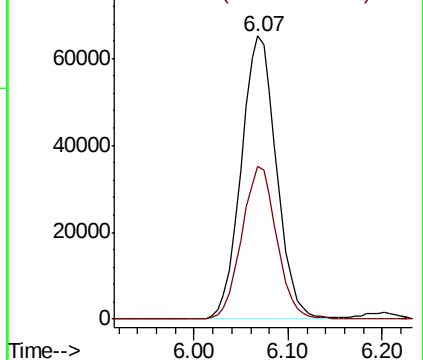
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

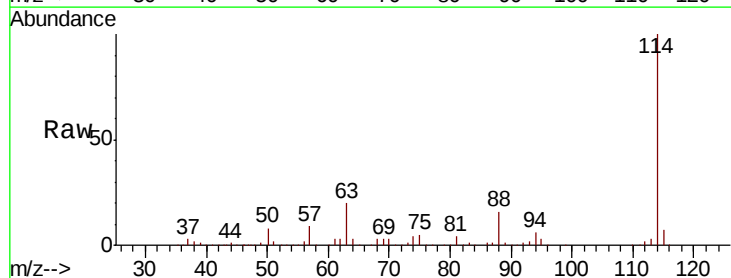
Tgt Ion: 114 Resp: 361373

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

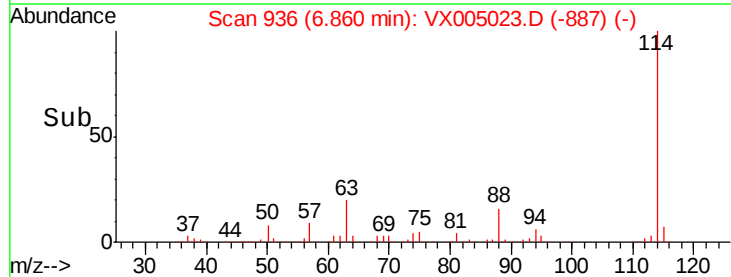
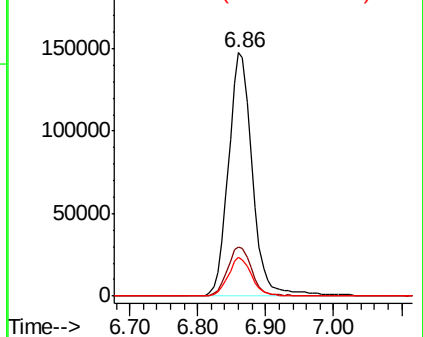
88 15.7 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.771 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

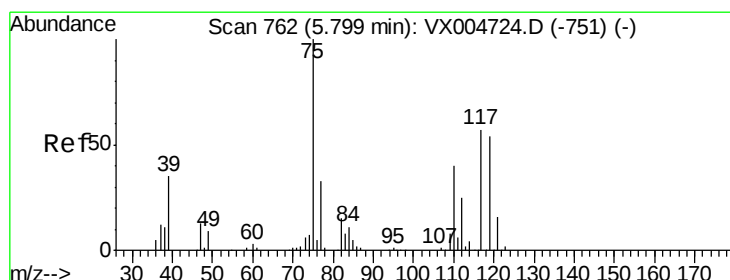
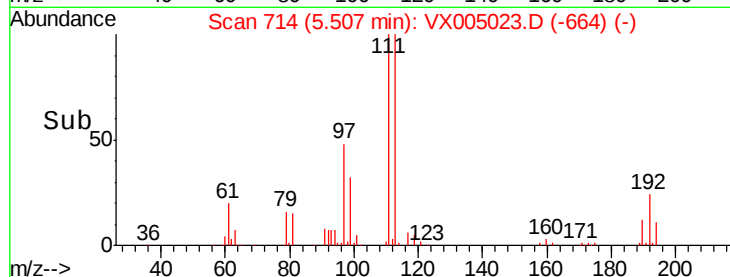
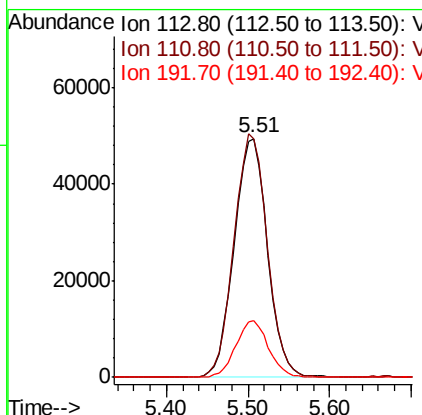
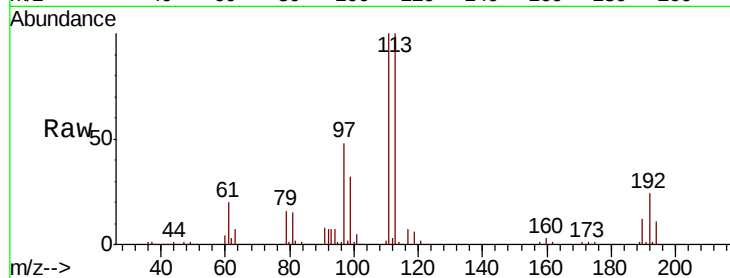
ClientSampleId :

VX1004MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	77.0	115.4
192	23.3	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 17.922 ug/l

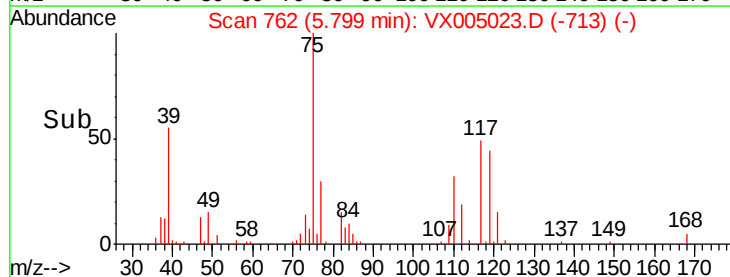
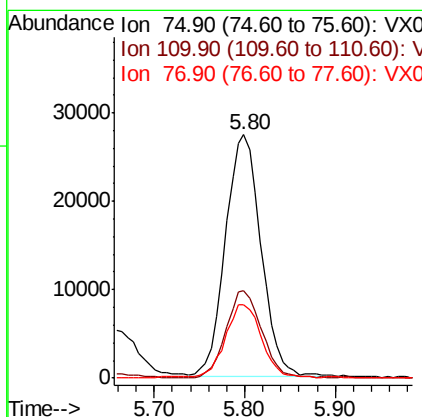
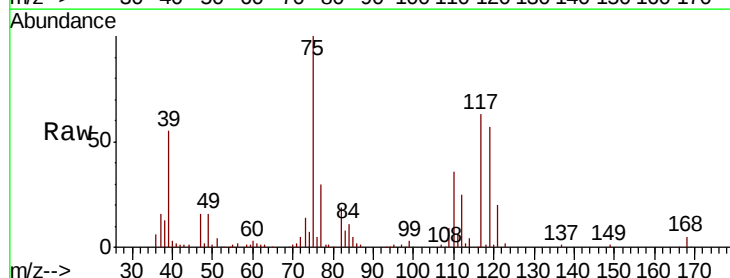
RT: 5.80 min Scan# 762

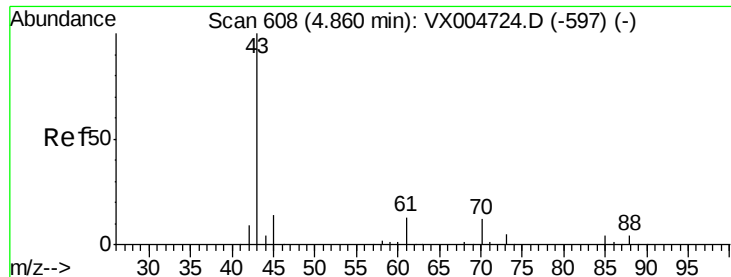
Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	20.0	59.9
77	30.3	27.1	40.7





#37

Ethyl Acetate

Concen: 18.354 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

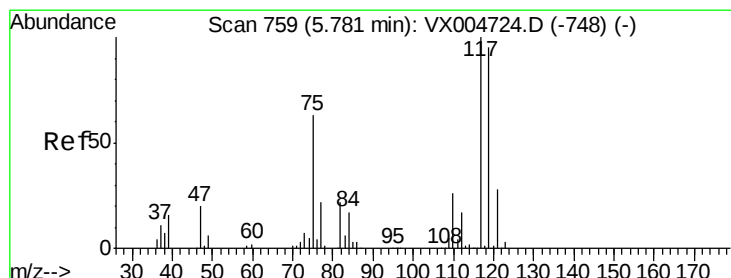
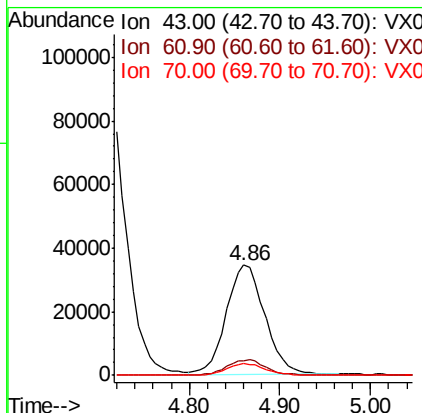
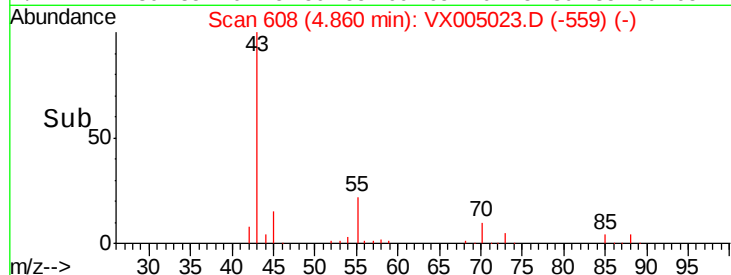
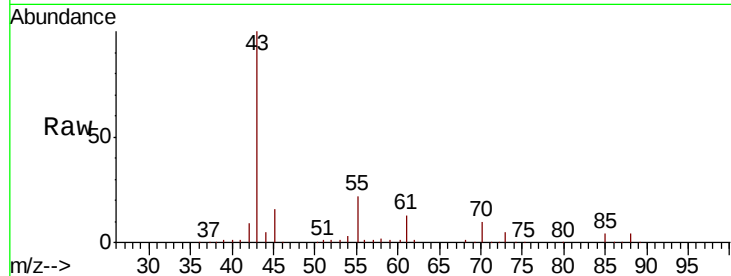
ClientSampled :

VX1004MBS01

Tot Ion:	43	Resp:	101807
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.4	15.6
70	10.9	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 16.981 ug/l

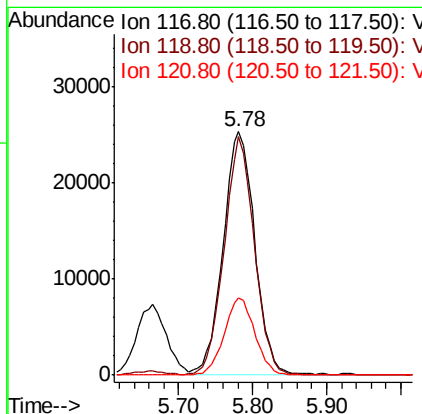
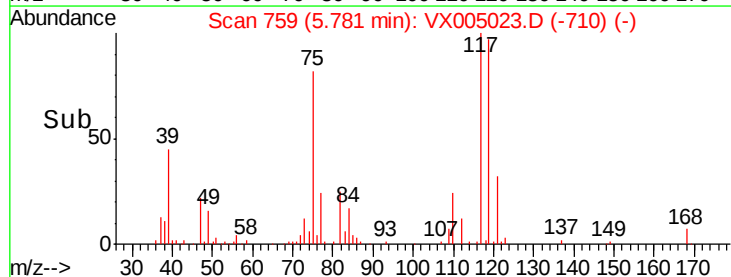
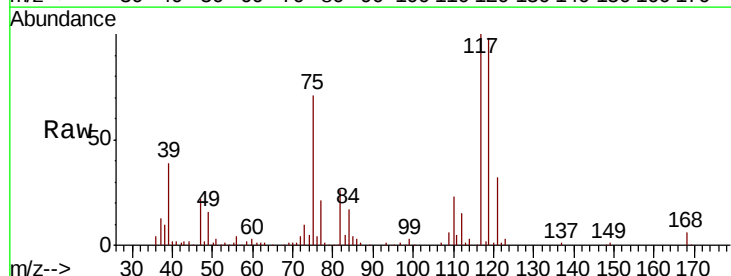
RT: 5.78 min Scan# 759

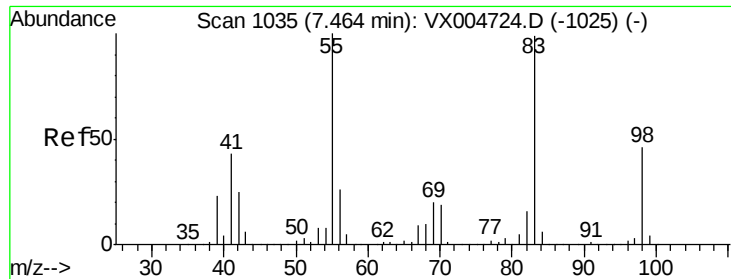
Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	117	Resp:	74591
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.2	112.8
121	31.6	22.5	33.7





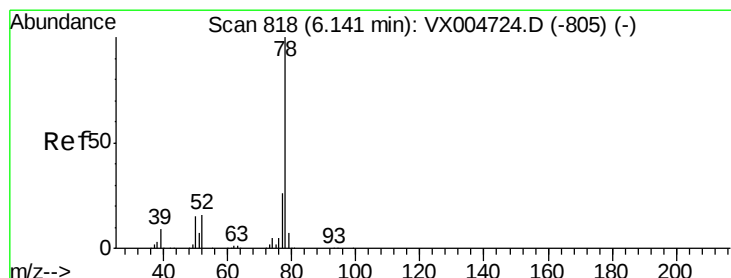
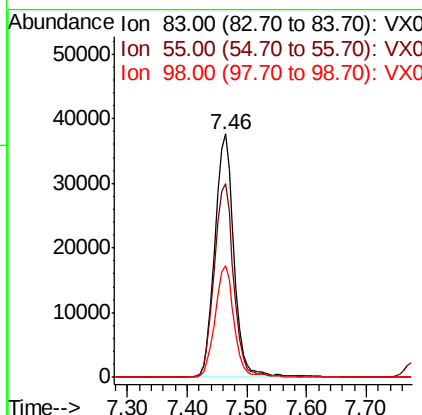
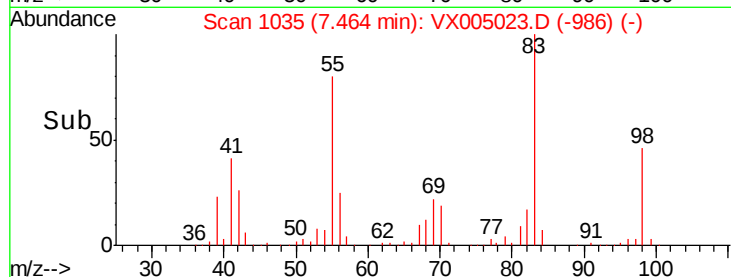
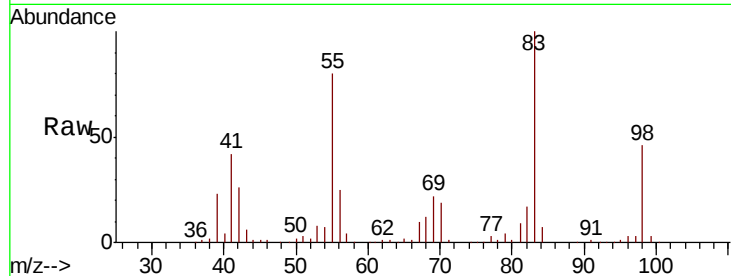
#39
Methvlcvclohexane
Concen: 19.699 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	81.1	121.7#
98	46.1	37.3	55.9

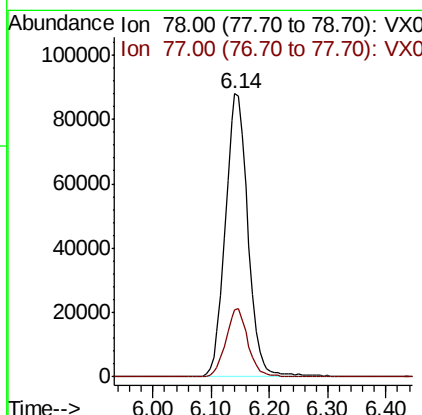
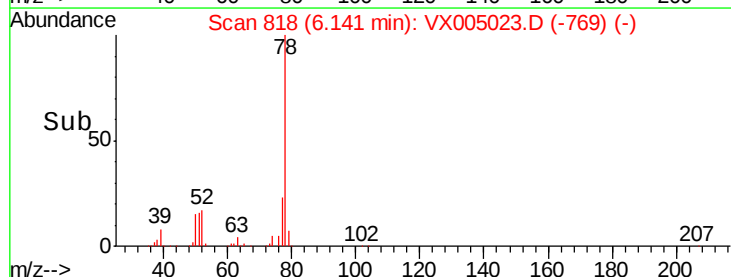
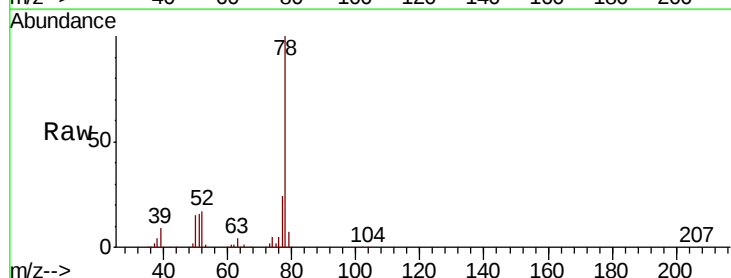
Manual Integrations
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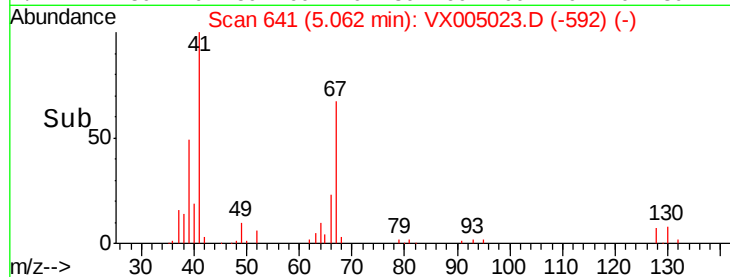
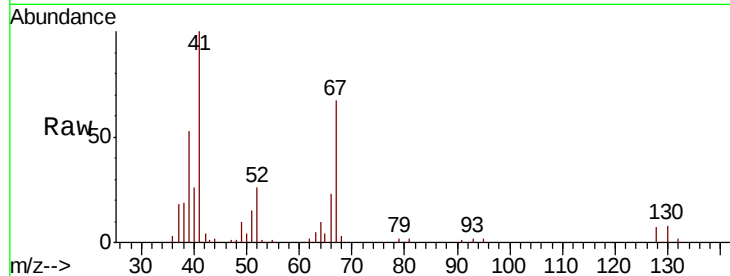
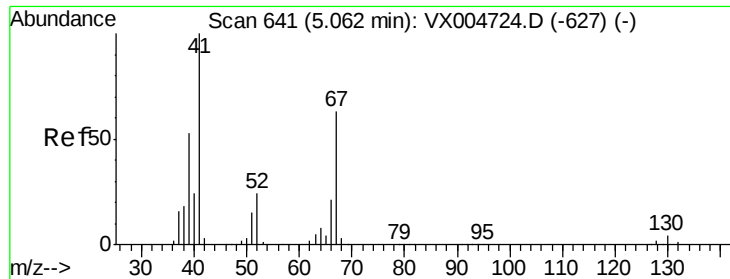
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#40
Benzene
Concen: 18.251 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	21.0	31.4





#41

Methacrylonitrile

Concen: 18.639 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tot Ion:	41	Resp:	57334
Ion Ratio	Lower	Upper	
41	100		
39	51.5	42.5	63.7
67	69.2	53.0	79.6
52	28.0	19.8	29.8

Instrument :

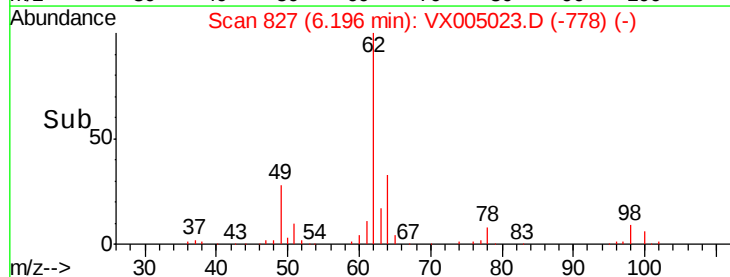
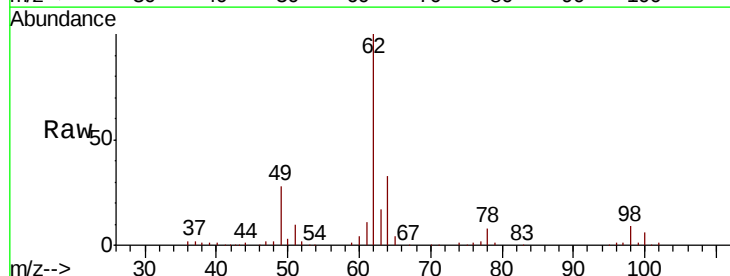
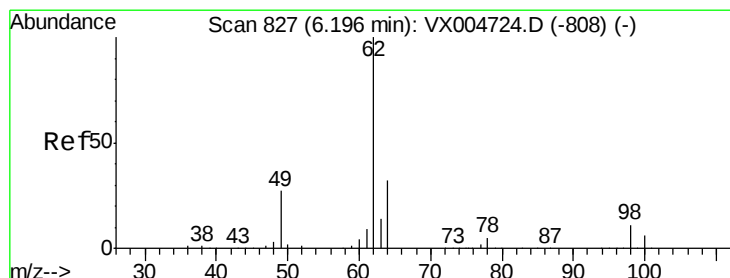
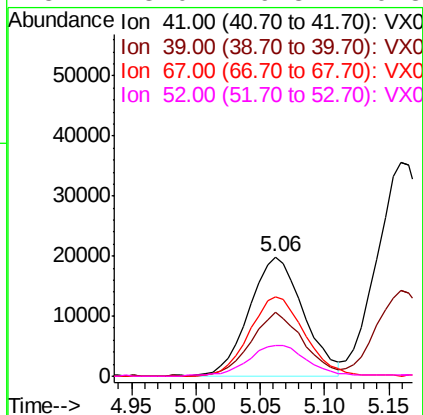
MSVOA_X

ClientSampleId :

VX1004MBS01

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#42

1,2-Dichloroethane

Concen: 18.012 ug/l

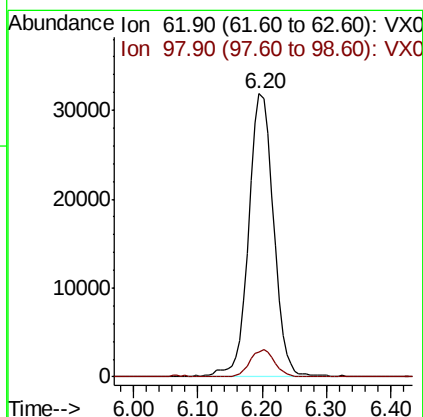
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	62	Resp:	83301
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.773 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

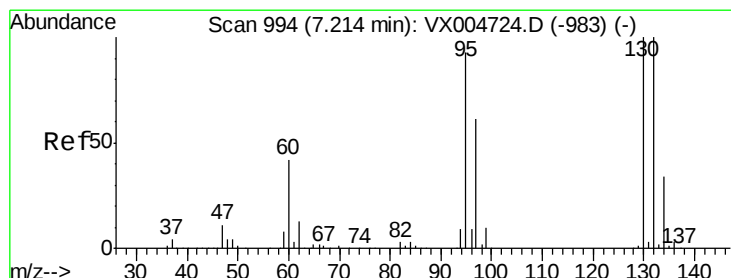
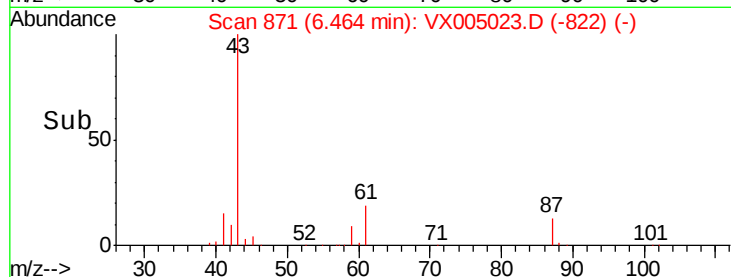
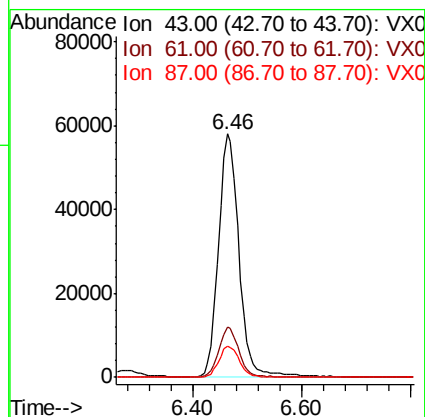
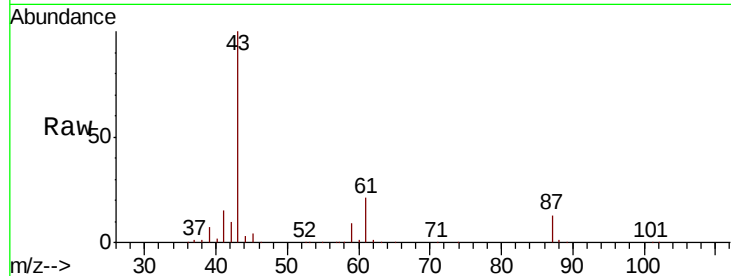
ClientSampleId :

VX1004MBS01

Tot Ion:	43	Resp:	150292
Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.2	21.4
87	13.0	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 19.300 ug/l

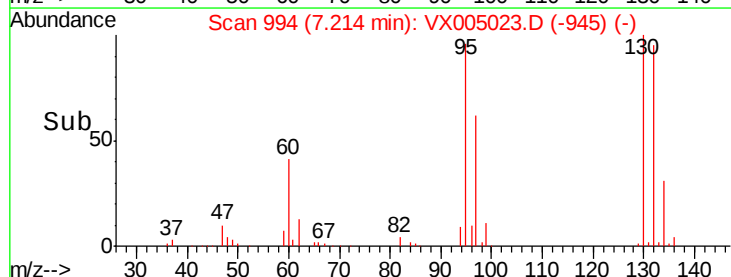
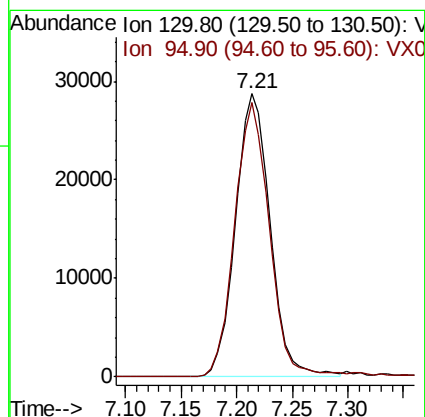
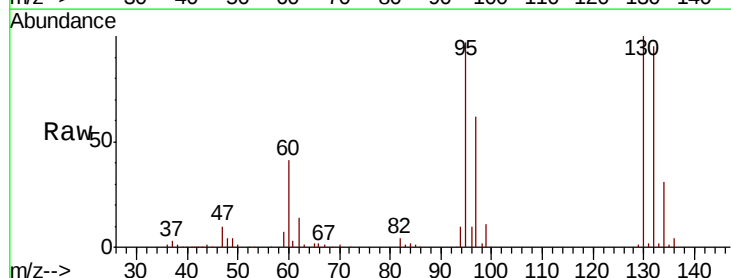
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	130	Resp:	62068
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	186.8





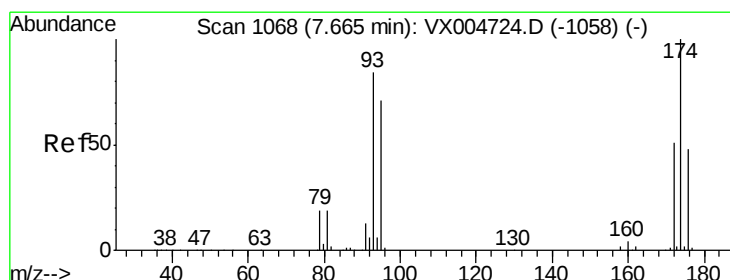
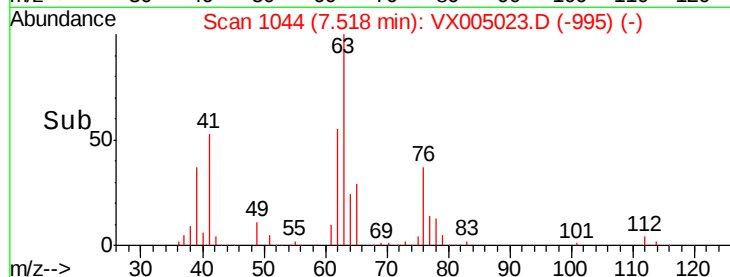
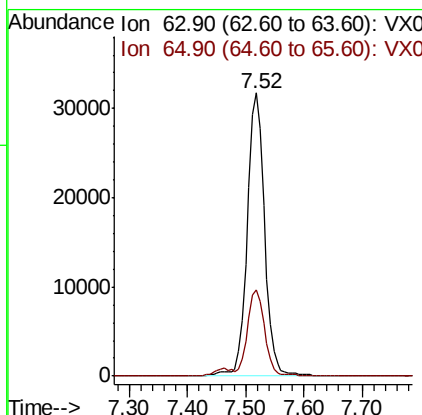
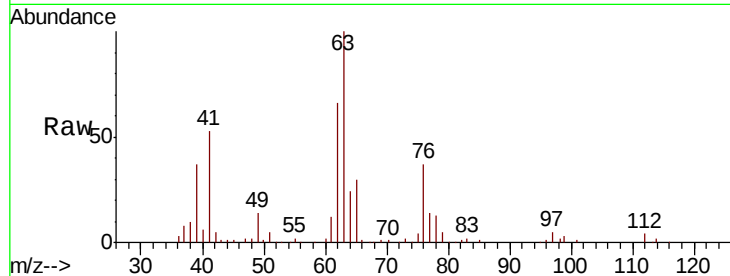
#45
 1,2-Dichloropropane
 Concen: 20.373 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Tot Ion: 63 Resp: 65359
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.9 35.9

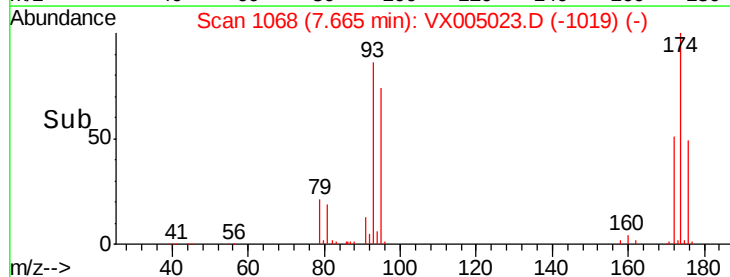
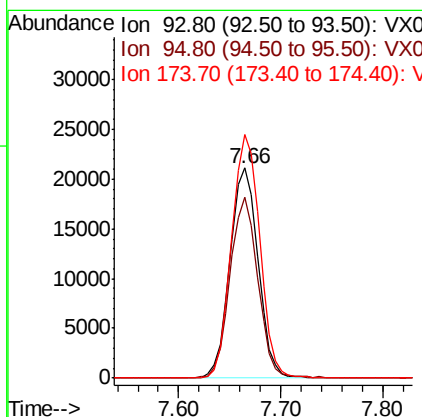
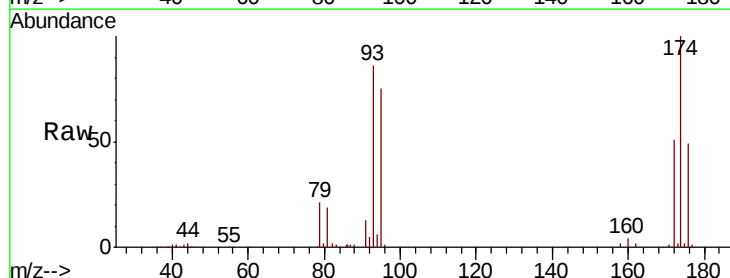
Manual Integrations
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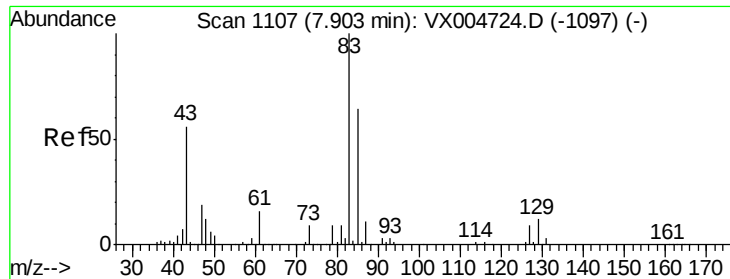
apatel
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#46
 Dibromomethane
 Concen: 20.001 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion: 93 Resp: 40326
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.7 100.1
 174 116.0 92.7 139.1





#47

Bromodichloromethane

Concen: 19.760 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

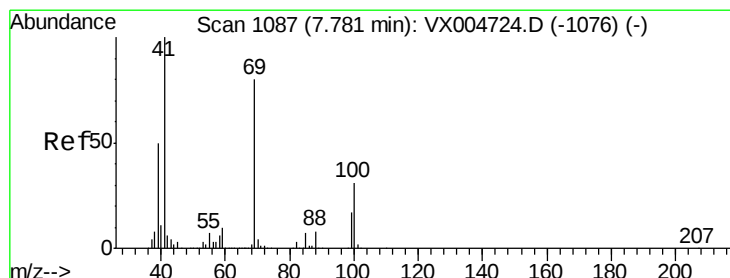
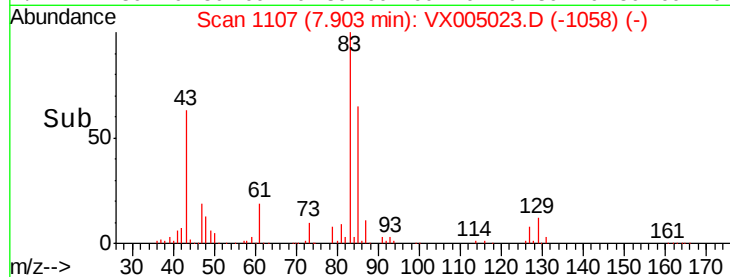
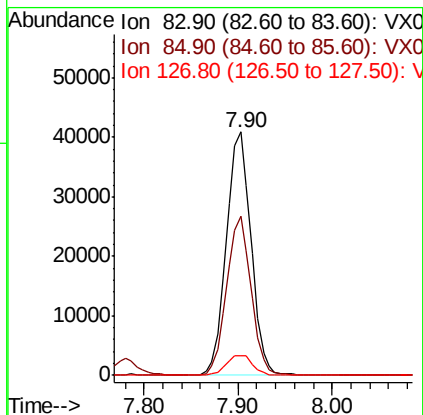
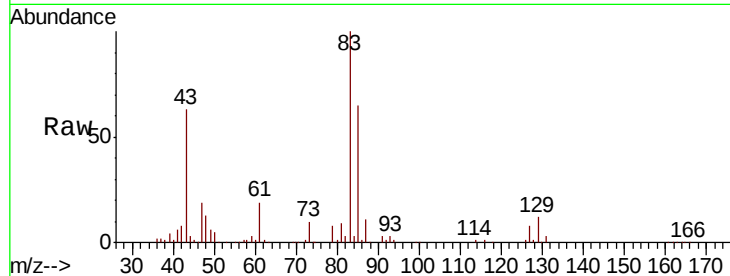
ClientSampleId :

VX1004MBS01

Tot Ion:	83	Resp:	74592
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	8.1	7.0	10.6

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#48

Methyl methacrylate

Concen: 21.291 ug/l

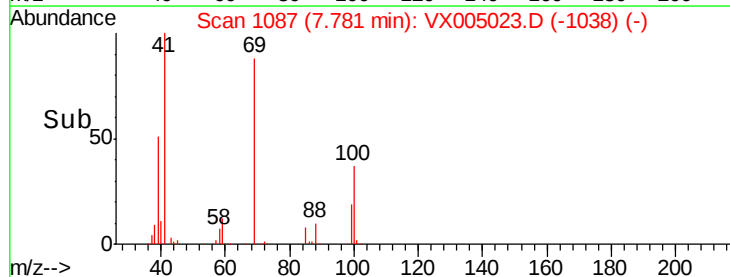
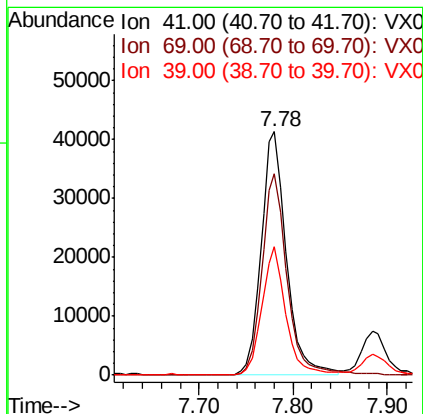
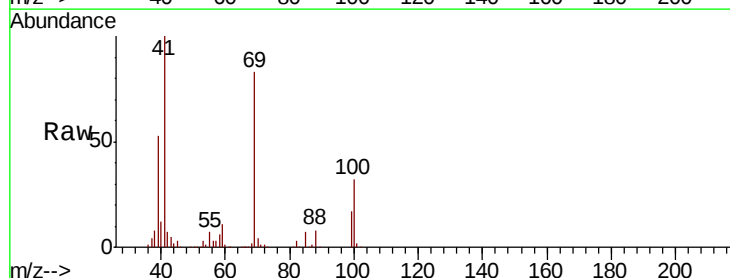
RT: 7.78 min Scan# 1087

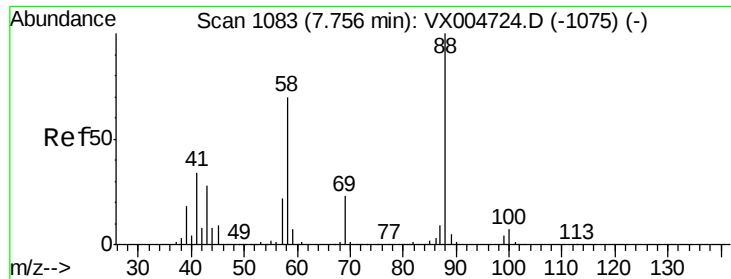
Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	41	Resp:	77368
Ion	Ratio	Lower	Upper
41	100		
69	83.7	63.8	95.6
39	49.9	40.7	61.1





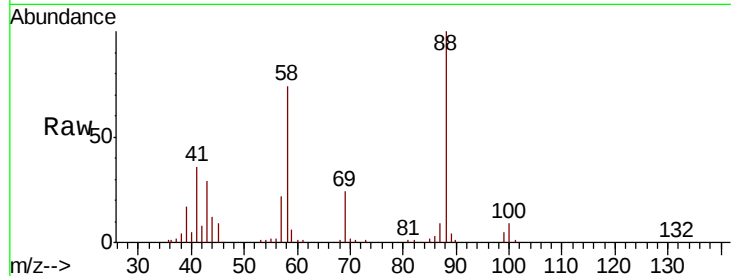
#49
1,4-Dioxane
Concen: 374.971 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.1	37.7
58	74.4	56.2	84.2

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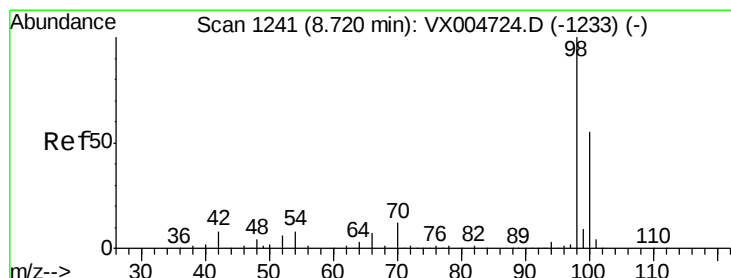
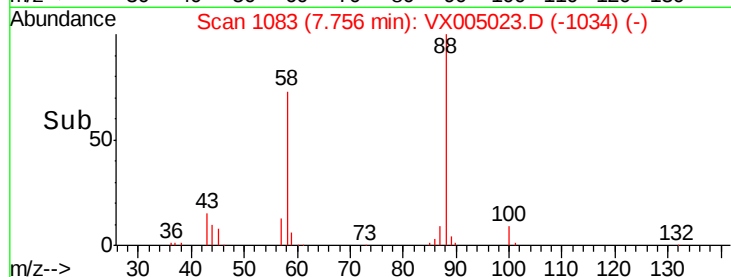
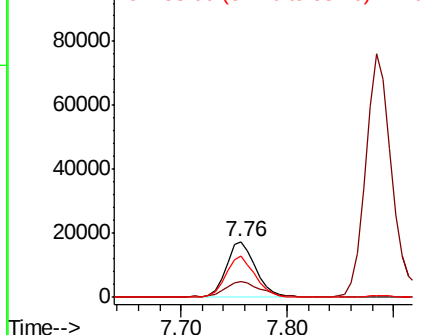


Abundance

Ion 88.00 (87.70 to 88.70): VX0

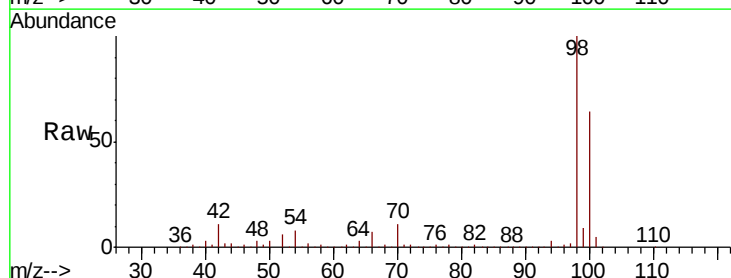
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.835 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

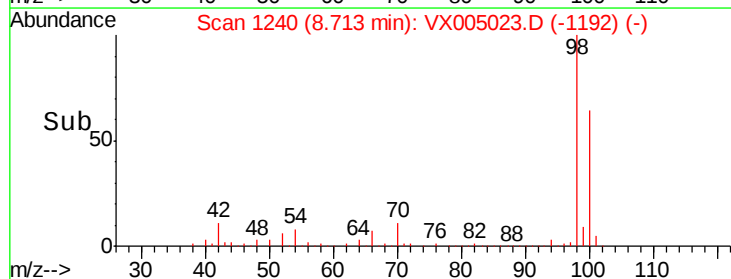
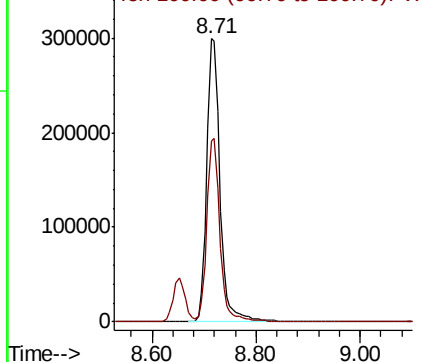
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





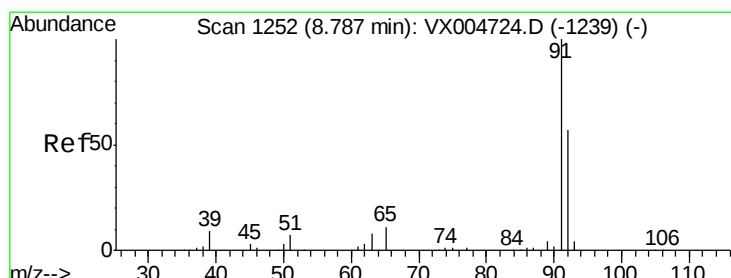
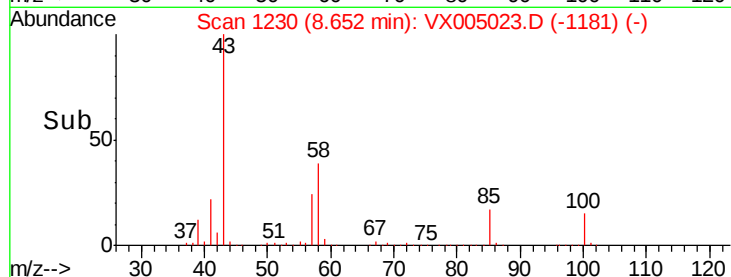
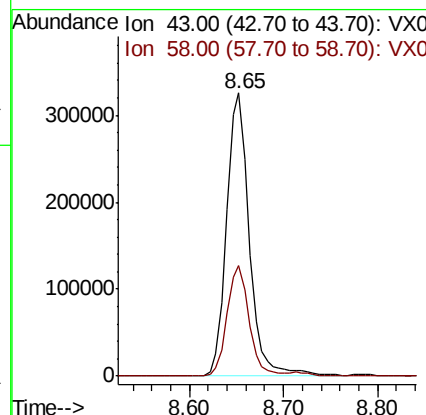
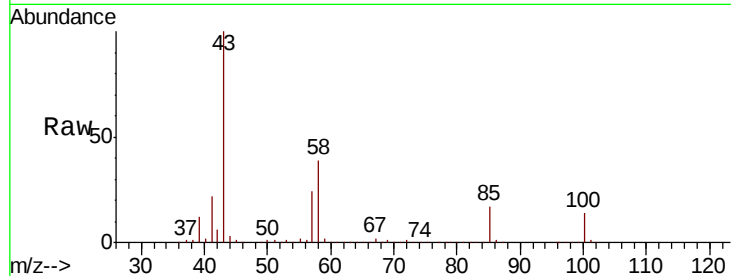
#51
4-Methyl-2-Pentanone
Concen: 108.249 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.5	45.7

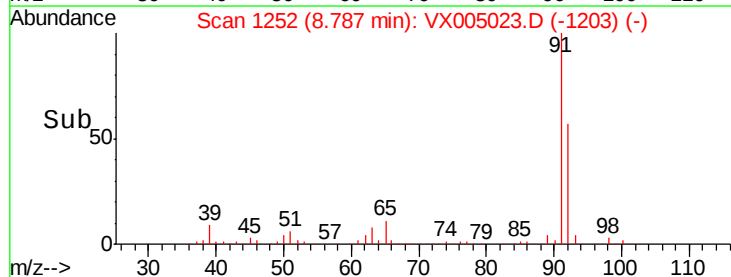
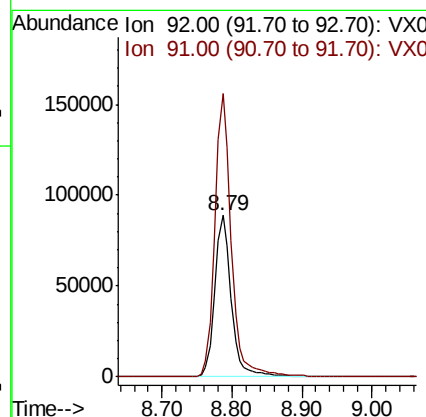
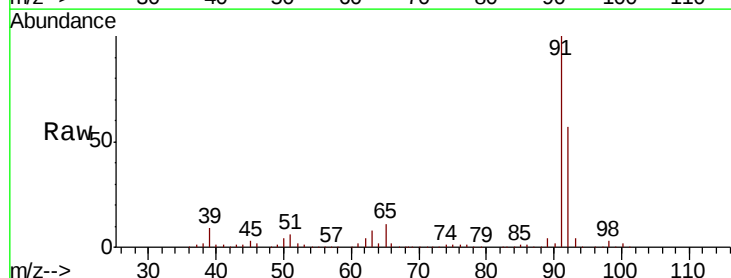
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#52
Toluene
Concen: 20.492 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.1	136.7	205.1





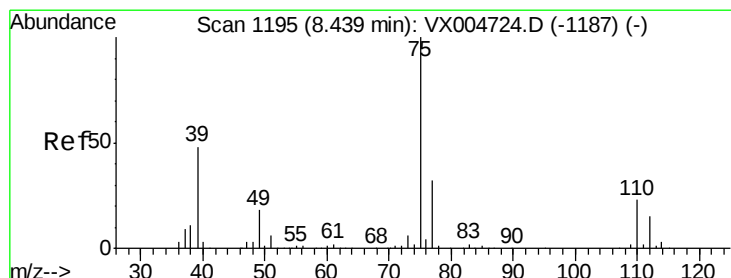
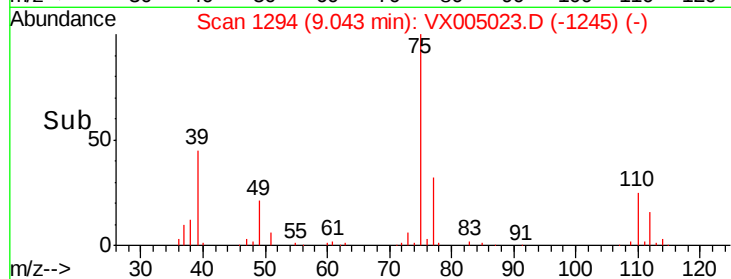
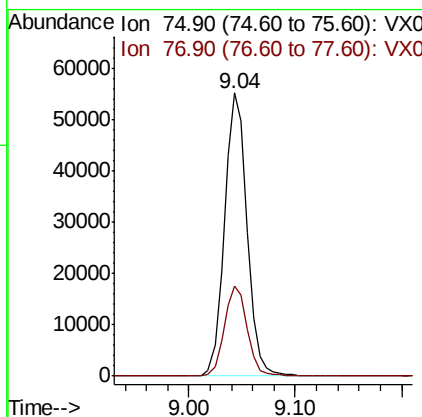
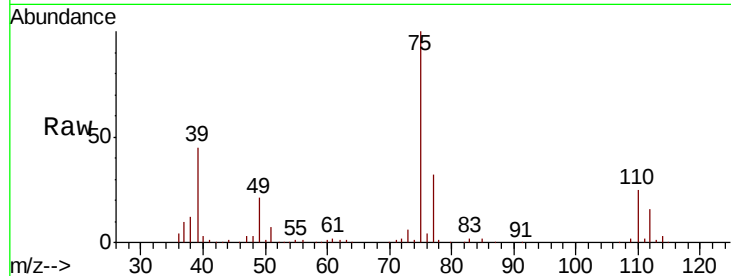
#53
 t-1,3-Dichloropropene
 Concen: 19.156 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Tot Ion: 75 Resp: 81715
 Ion Ratio Lower Upper
 75 100
 77 31.9 28.9 43.3

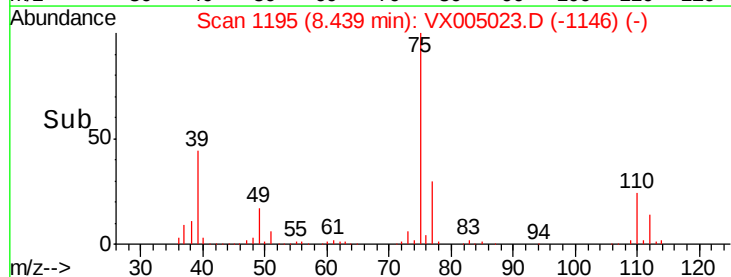
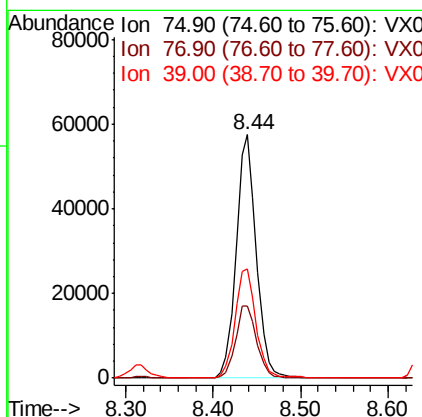
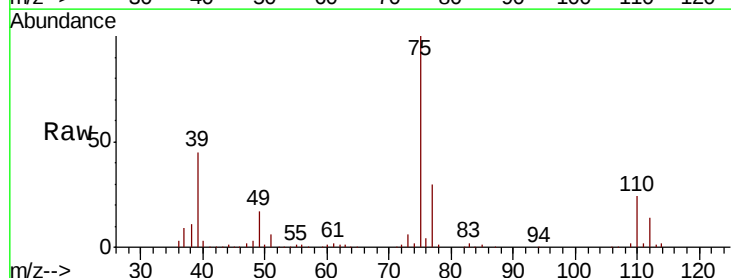
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#54
 cis-1,3-Dichloropropene
 Concen: 20.618 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion: 75 Resp: 92122
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.7 38.5
 39 44.5 38.3 57.5





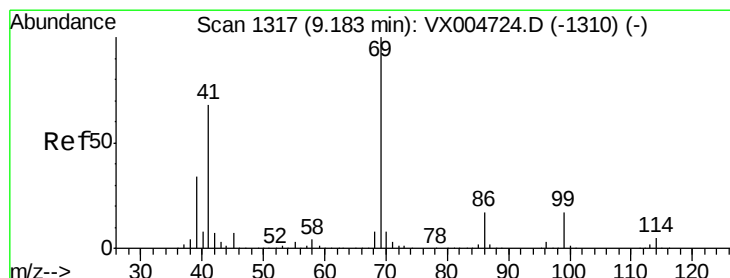
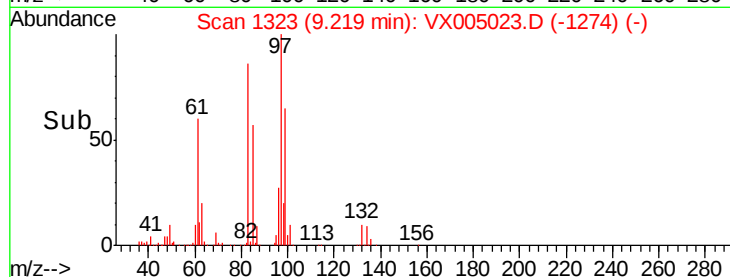
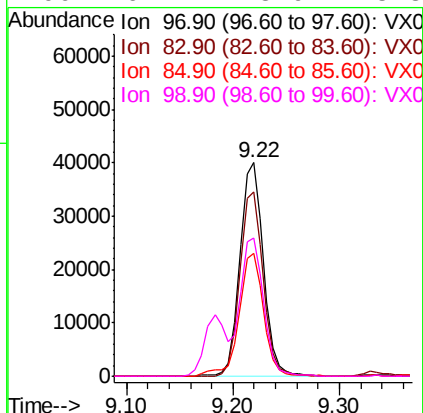
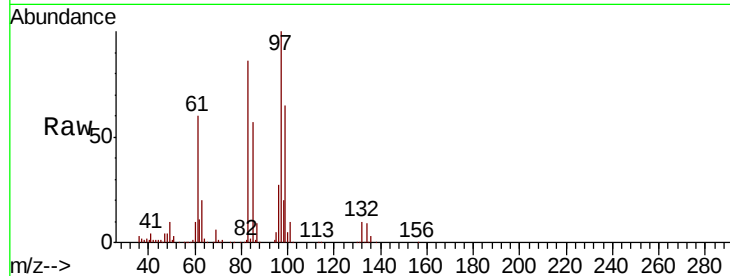
#55
 1,1,2-Trichloroethane
 Concen: 19.738 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Tot Ion:	97	Resp:	62149
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.2	102.2
85	57.4	49.9	74.9
99	64.7	48.9	73.3

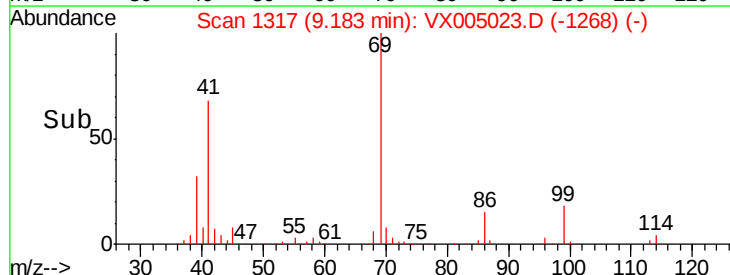
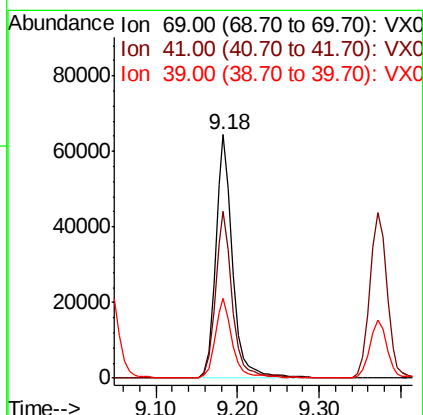
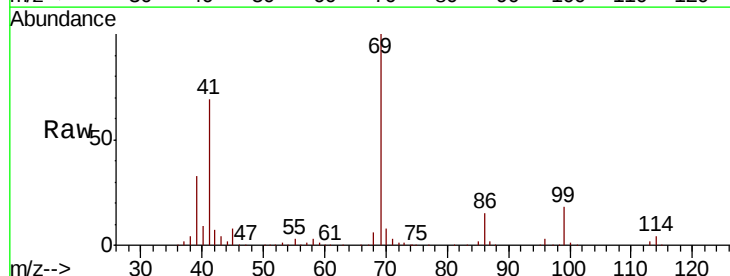
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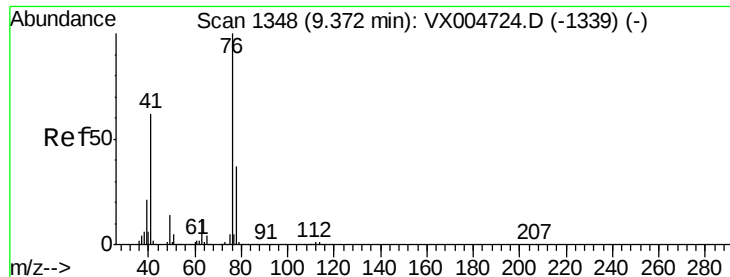
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#56
 Ethyl methacrylate
 Concen: 20.249 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion:	69	Resp:	94231
Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.9	85.3
39	33.1	28.4	42.6





#57

1,3-Dichloropropane

Concen: 20.093 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 76 Resp: 105297

Ion Ratio Lower Upper

76 100

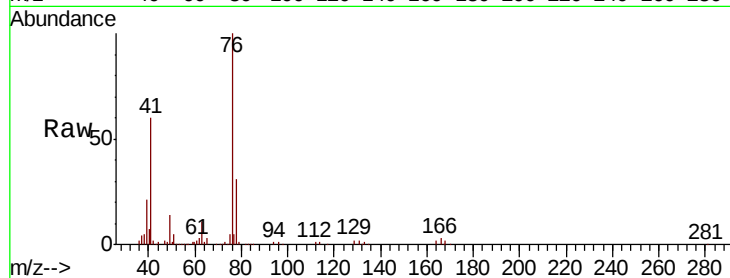
78 31.9 26.6 40.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

80000

60000

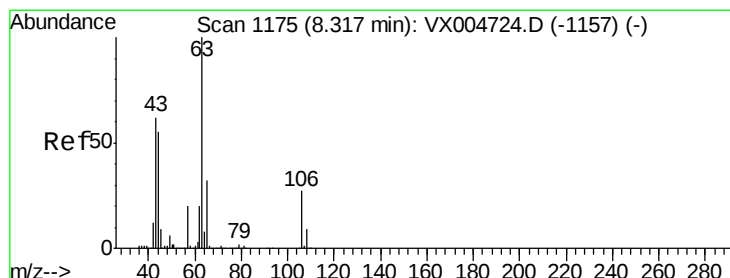
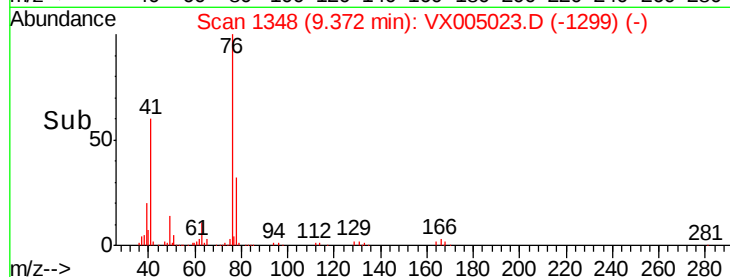
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 109.525 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005023.D

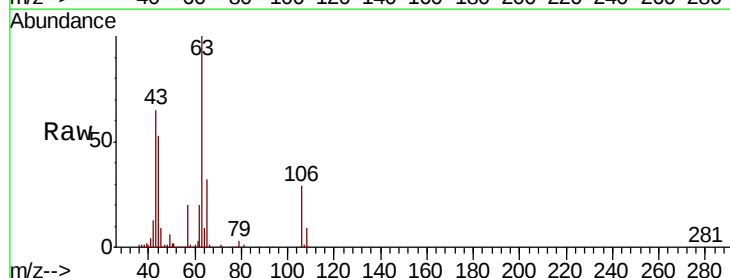
Acq: 04 Oct 2018 17:21

Tgt Ion: 63 Resp: 274127

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

200000

150000

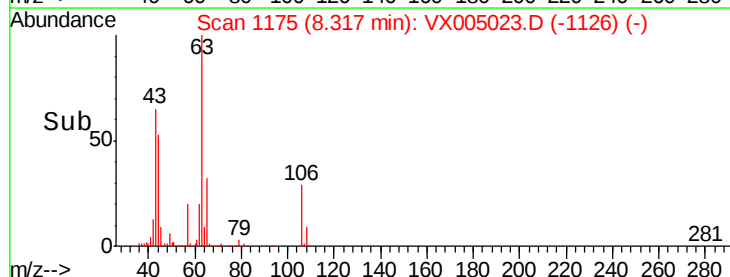
100000

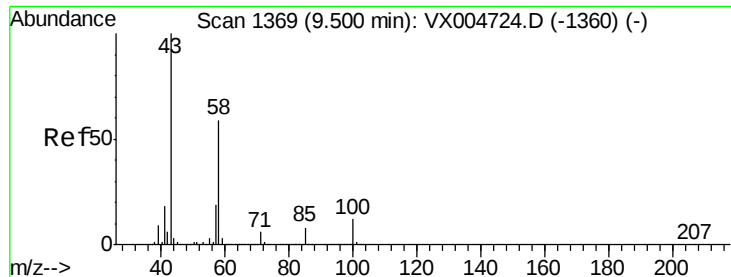
50000

0

8.20 8.30 8.40

Time-->





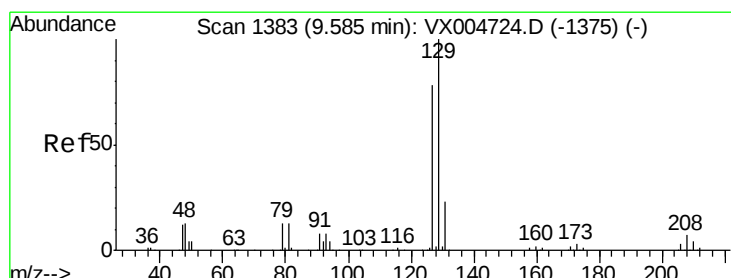
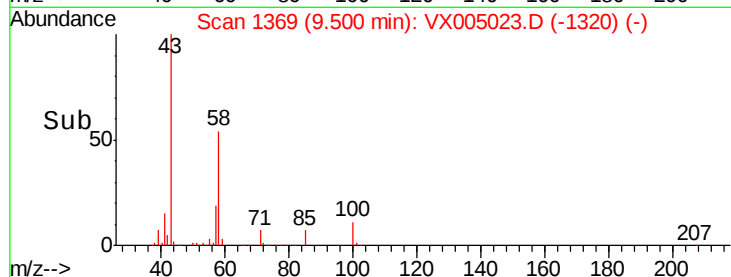
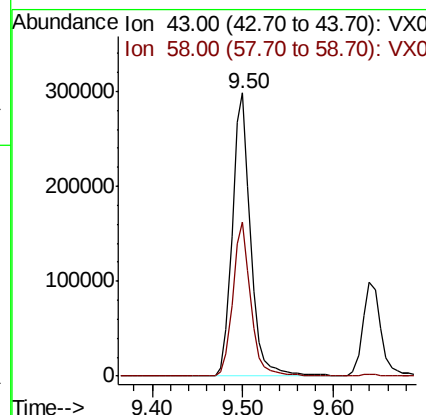
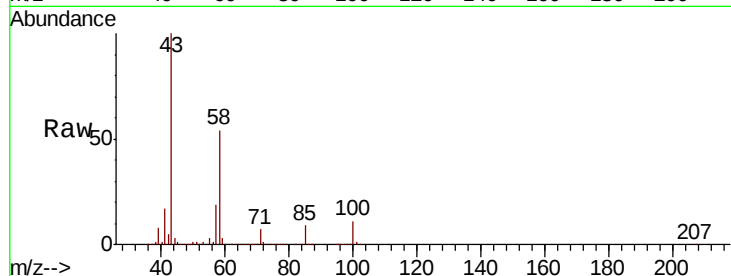
#59
2-Hexanone
Concen: 100.888 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.4	28.4	85.3

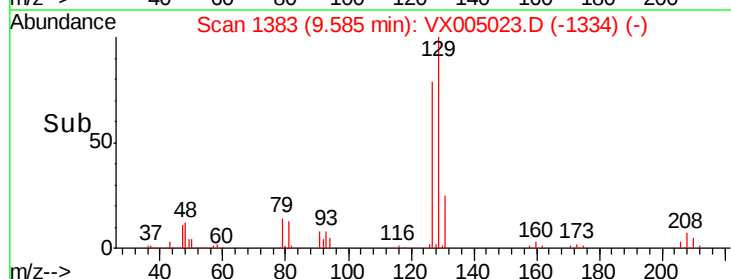
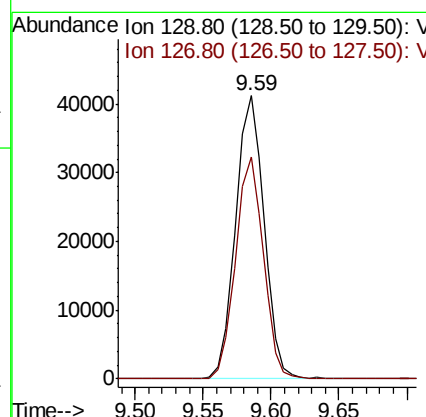
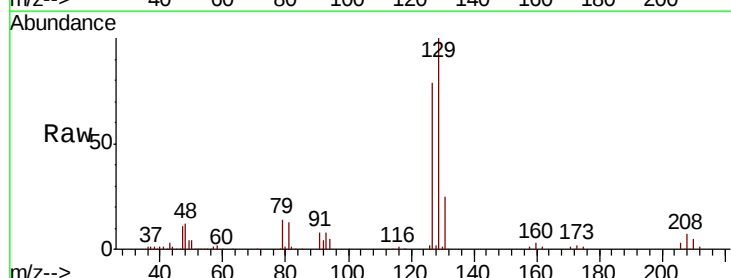
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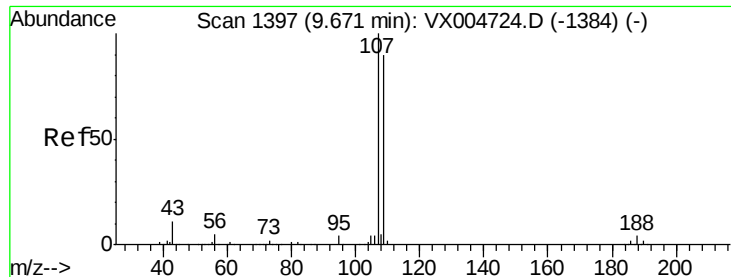
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#60
Dibromochloromethane
Concen: 19.105 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	39.1	117.2





#61

1,2-Dibromoethane

Concen: 19.026 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion:107 Resp: 64159

Ion Ratio Lower Upper

107 100

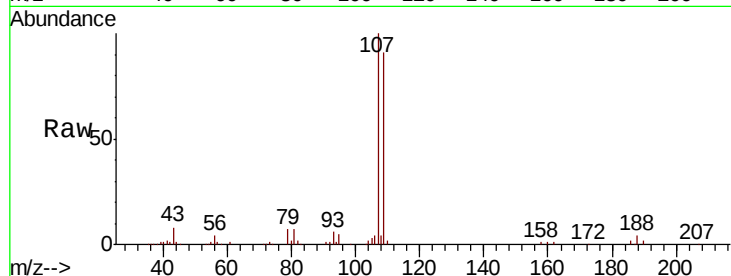
109 91.9 72.1 108.1

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

50000

40000

30000

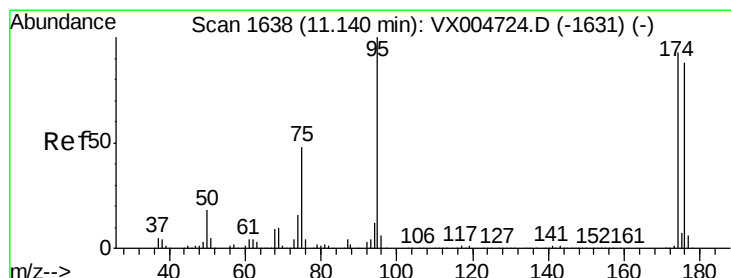
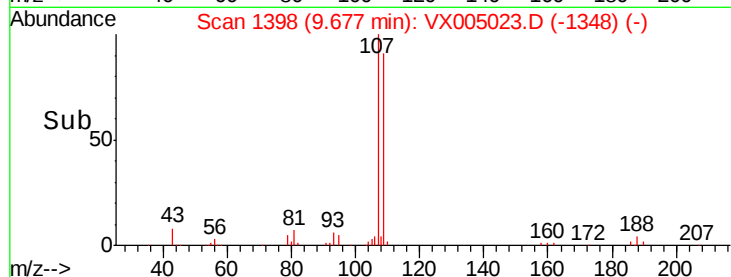
20000

10000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 52.580 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

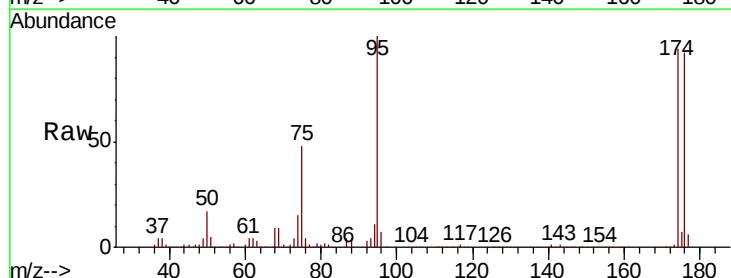
Tgt Ion: 95 Resp: 192866

Ion Ratio Lower Upper

95 100

174 91.6 0.0 185.0

176 88.5 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

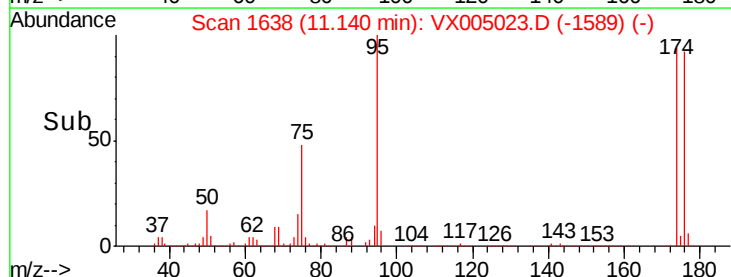
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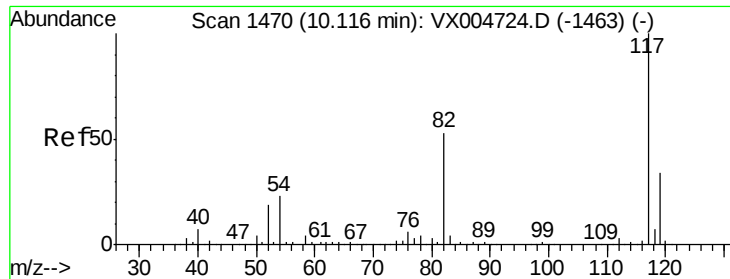
50000

0

11.10 11.20

Time-->





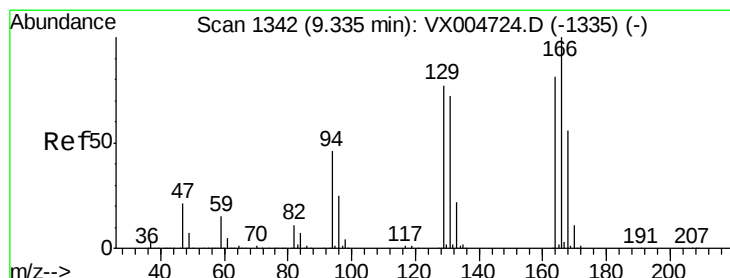
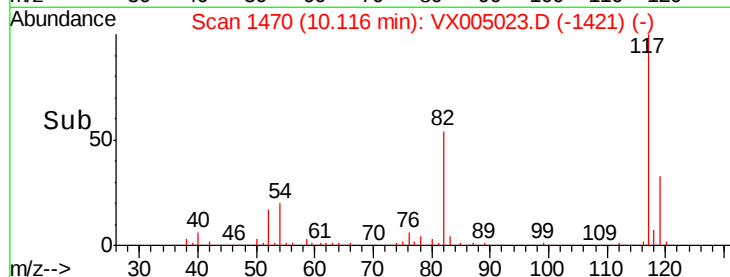
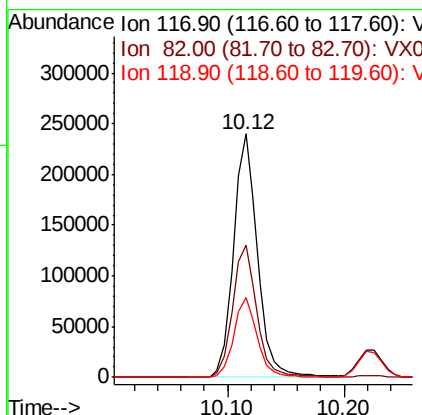
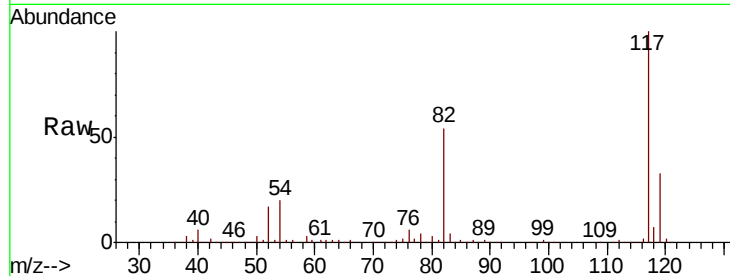
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.2	63.4
119	32.5	27.4	41.0

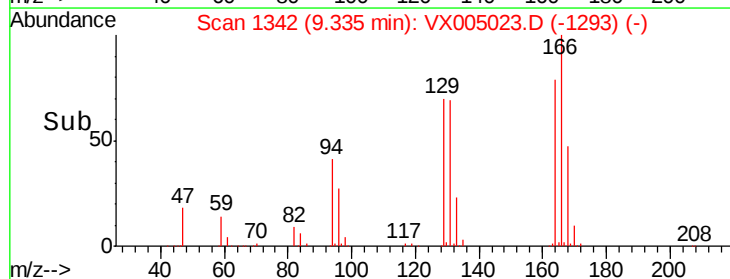
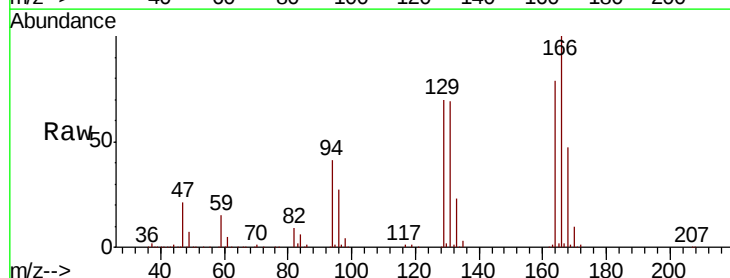
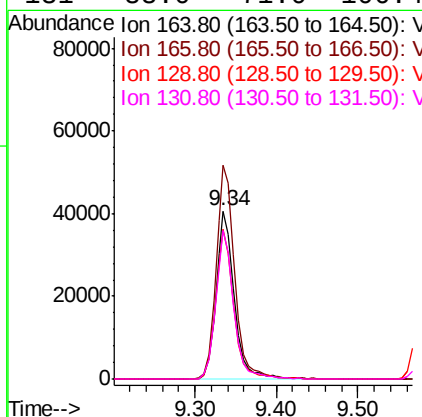
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.797 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	98.4	147.6
129	89.1	76.1	114.1
131	88.0	71.0	106.4





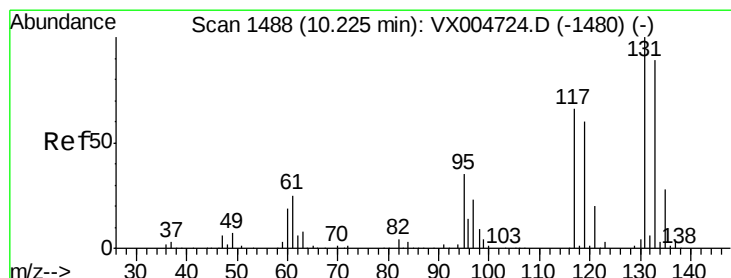
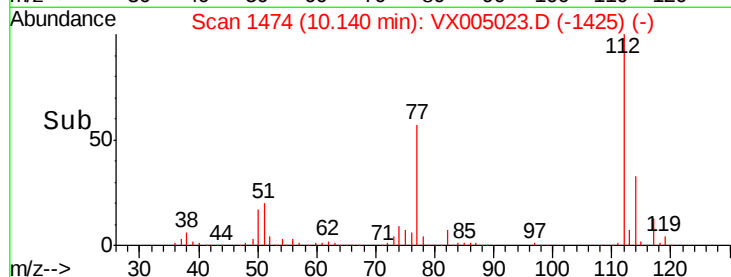
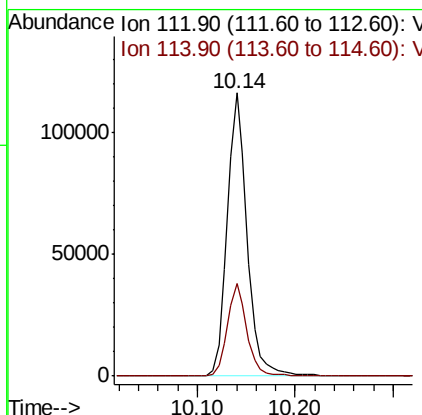
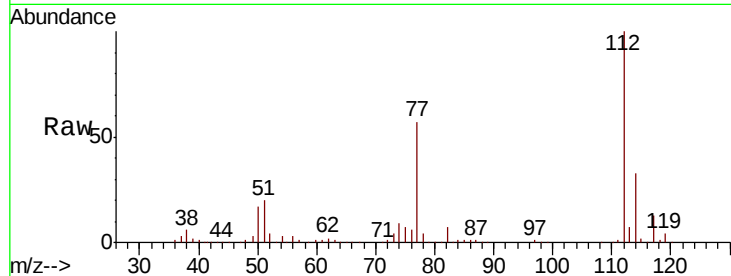
#65
Chlorobenzene
Concen: 18.637 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion:112 Resp: 163852
Ion Ratio Lower Upper
112 100
114 32.7 26.7 40.1

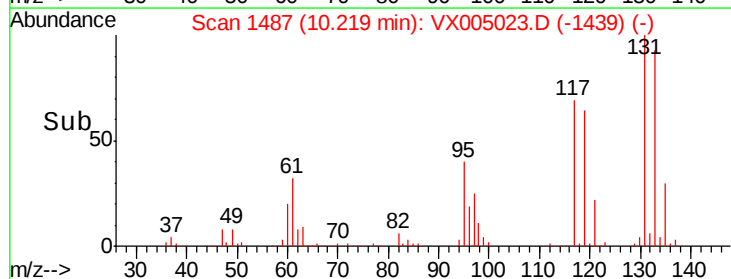
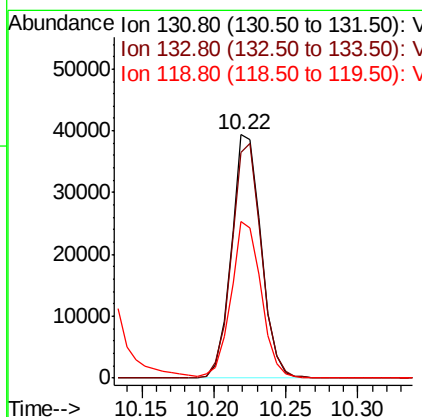
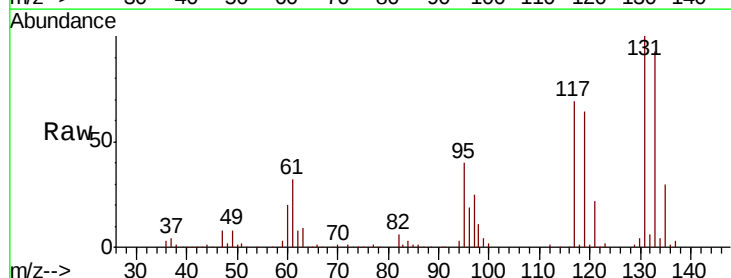
Manual Integrations
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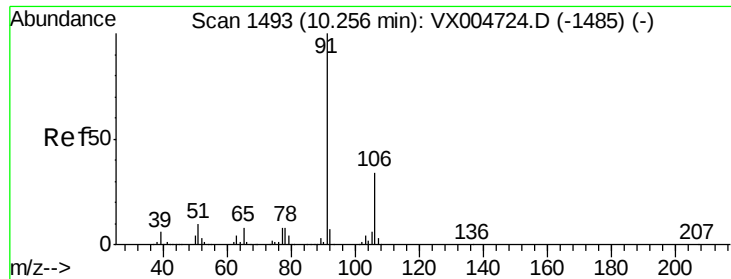
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.364 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:131 Resp: 56759
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.0
119 65.6 32.3 96.8





#67

Ethyl Benzene

Concen: 19.375 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 91 Resp: 270442

Ion Ratio Lower Upper

91 100

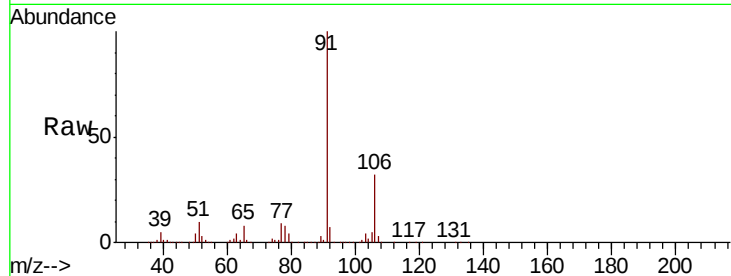
106 31.6 26.9 40.3

Manual Integrations

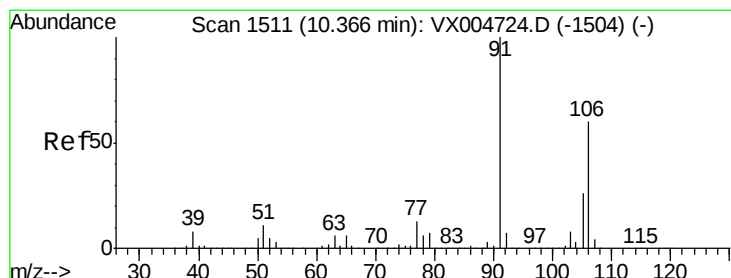
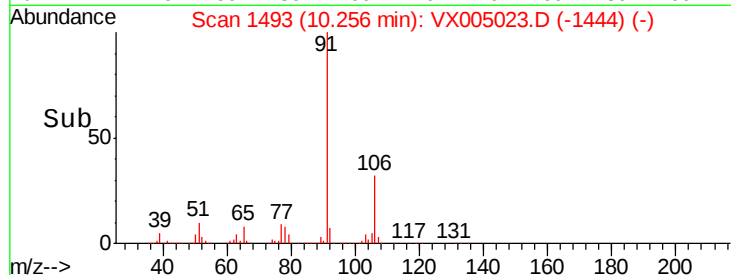
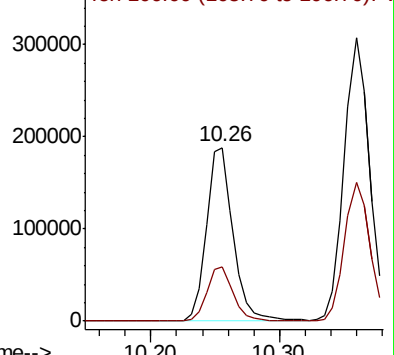
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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1485) (-)



#68

m/p-Xylenes

Concen: 39.038 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005023.D

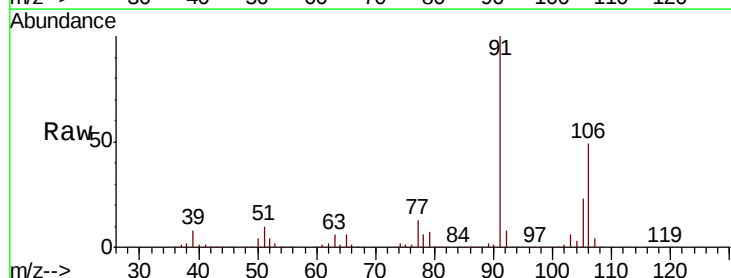
Acq: 04 Oct 2018 17:21

Tgt Ion: 106 Resp: 212931

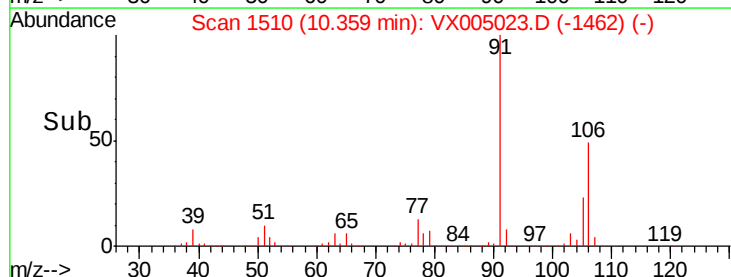
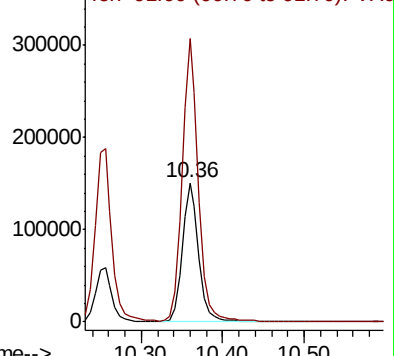
Ion Ratio Lower Upper

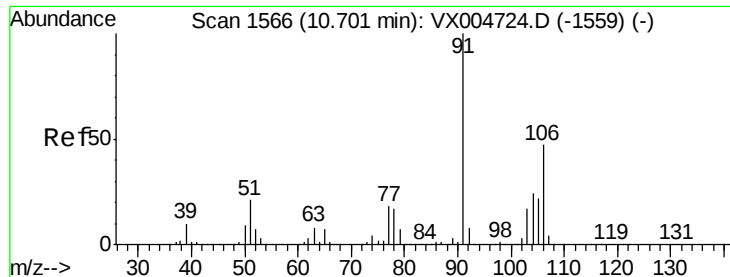
106 100

91 202.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX004724.D (-1504) (-)





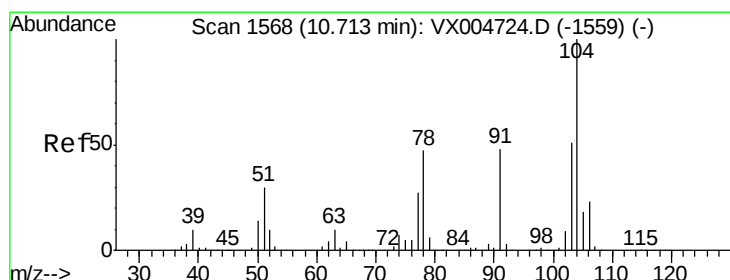
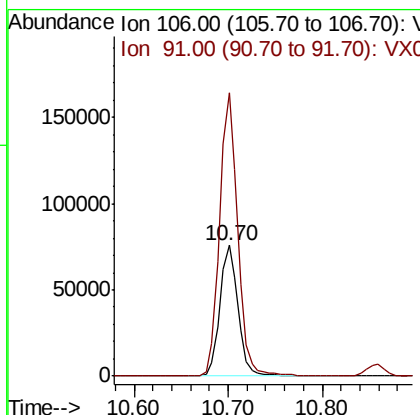
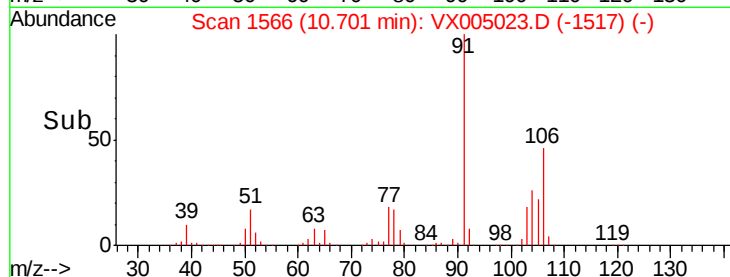
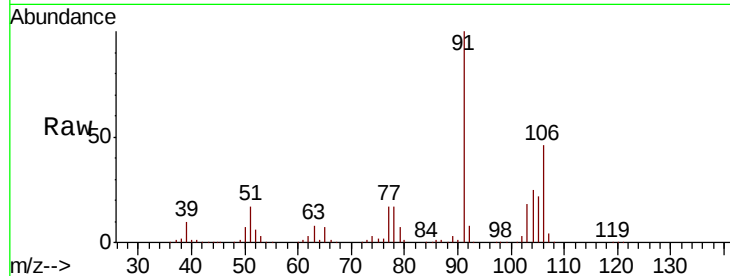
#69
o-Xylene
Concen: 20.270 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.8	108.3	324.8

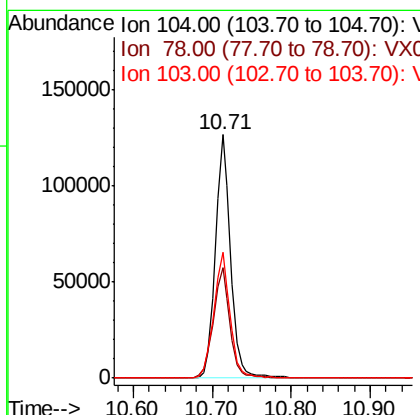
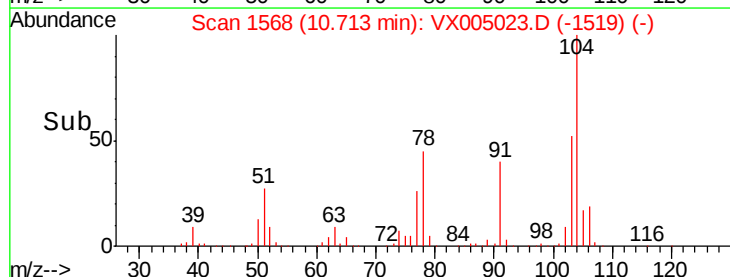
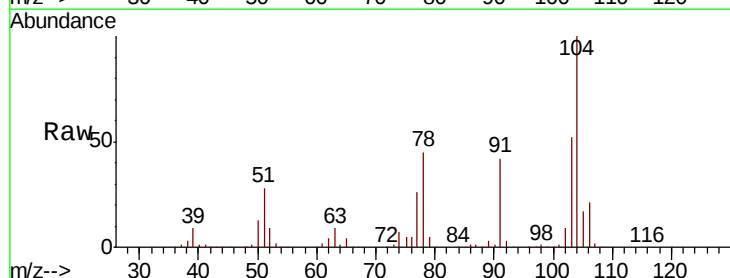
Manual Integrations
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#70
Styrene
Concen: 19.547 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	40.0	60.0
103	55.5	44.3	66.5





#71

Bromoform

Concen: 17.622 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

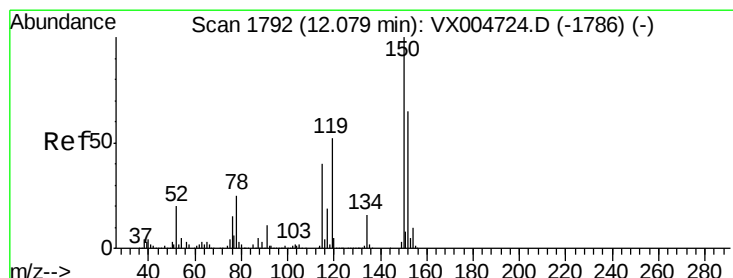
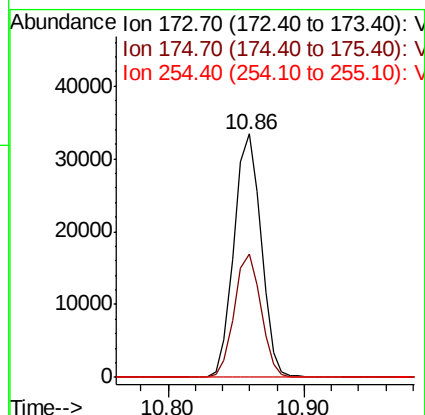
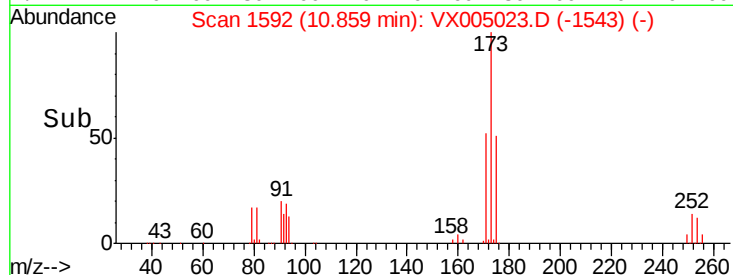
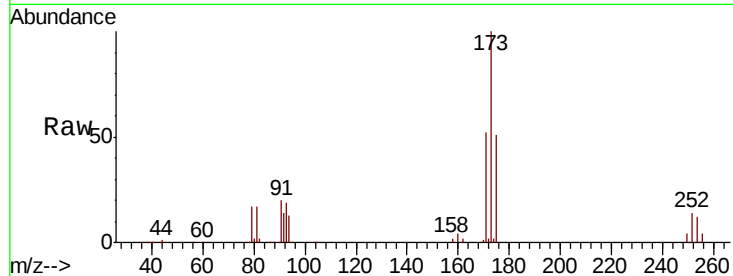
ClientSampleId :

VX1004MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.3	69.8
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

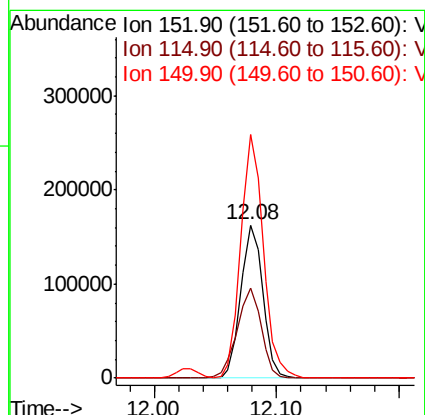
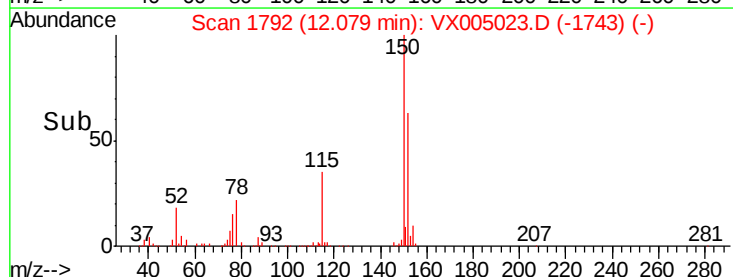
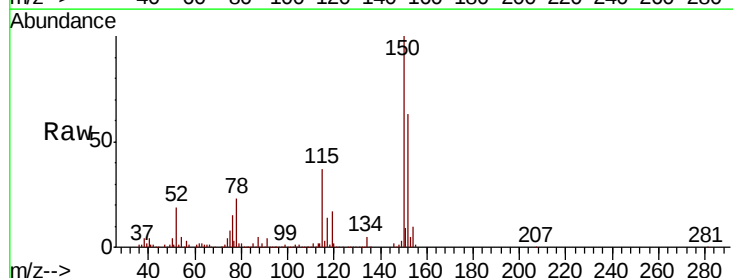
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	40.2	120.6
150	164.3	0.0	351.0





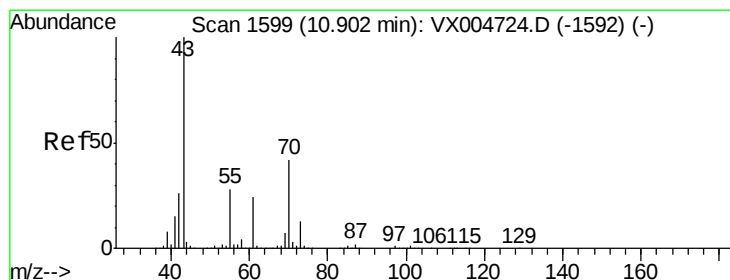
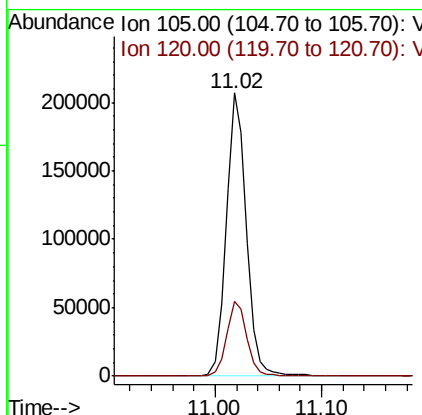
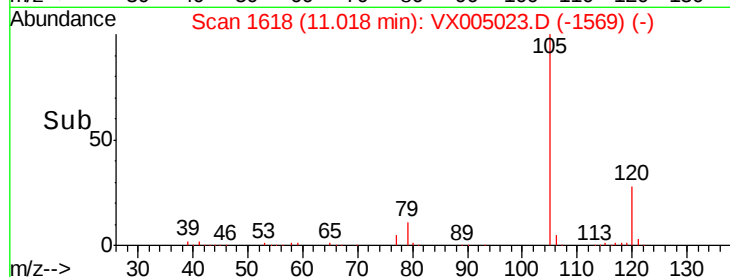
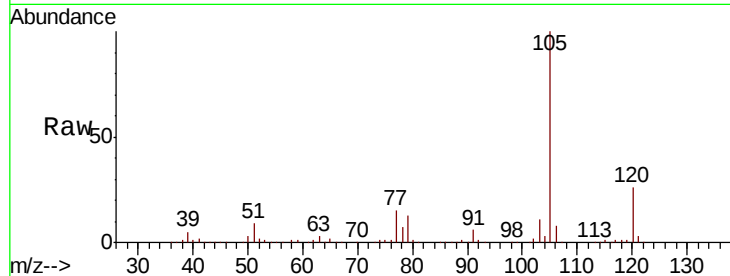
#73
Isopropylbenzene
Concen: 21.467 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion: 105 Resp: 273090
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

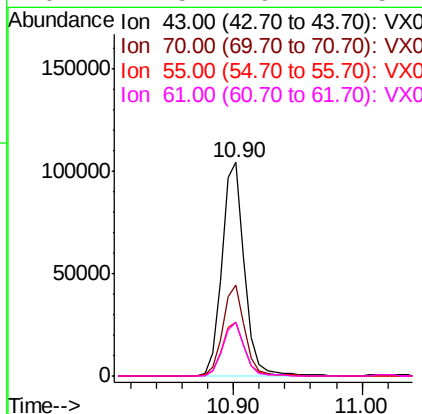
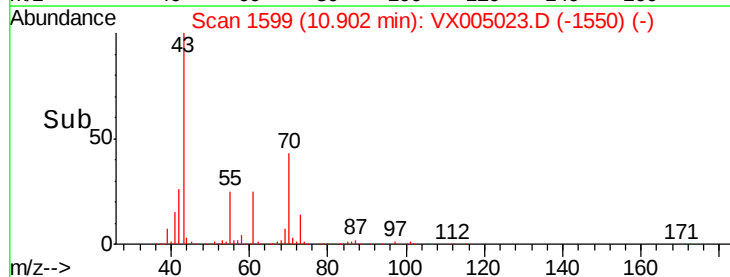
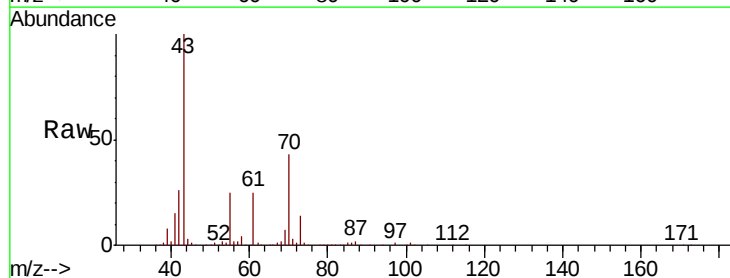
Manual Integrations
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#74
N-ethyl acetate
Concen: 19.426 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion: 43 Resp: 128087
Ion Ratio Lower Upper
43 100
70 41.6 32.6 48.8
55 25.5 21.6 32.4
61 24.5 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.934 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

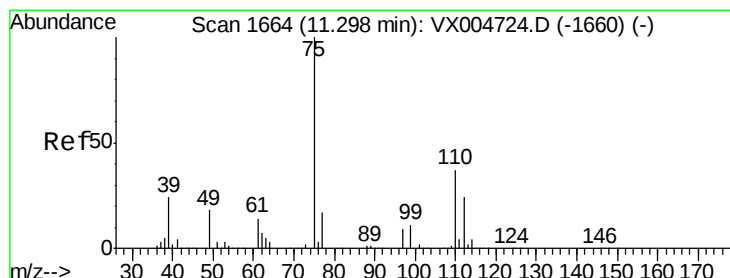
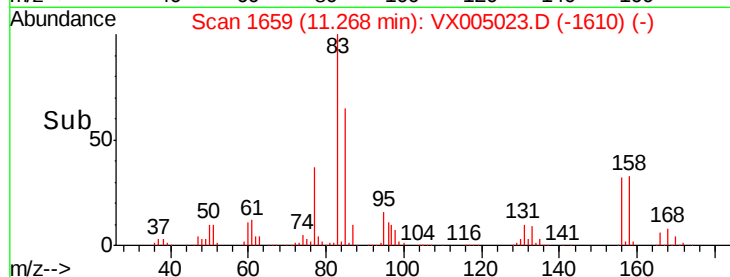
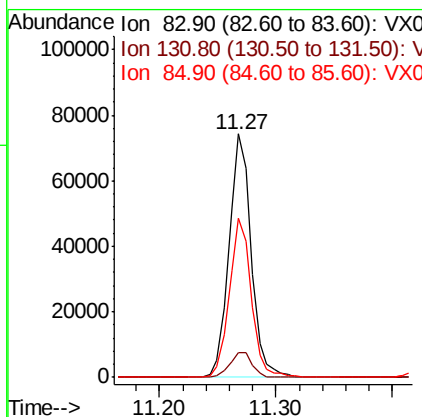
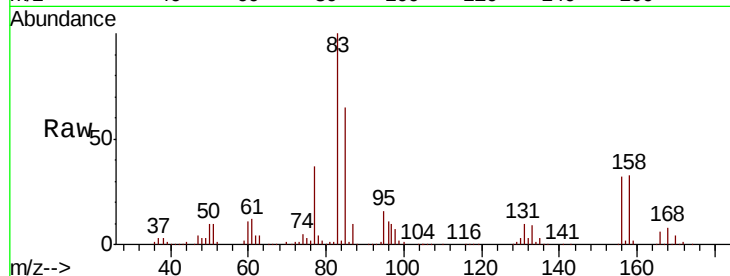
ClientSampleId :

VX1004MBS01

Tot Ion:	83	Resp:	98047
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	65.0	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.240 ug/l m

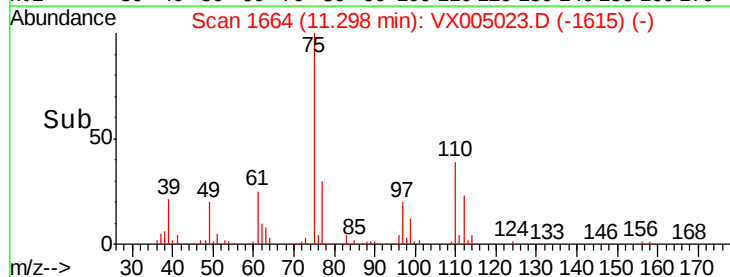
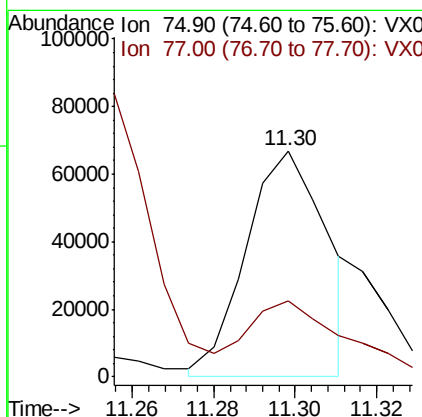
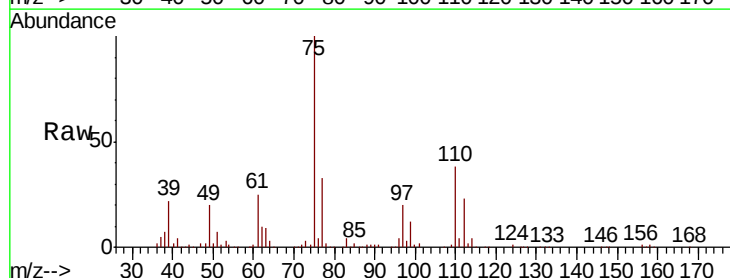
RT: 11.30 min Scan# 1664

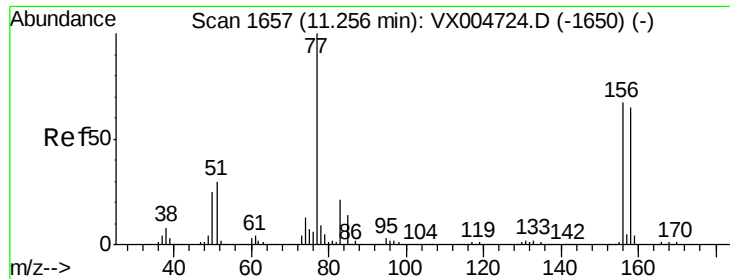
Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	75	Resp:	91559
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.4	64.3





#77

Bromobenzene

Concen: 20.364 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

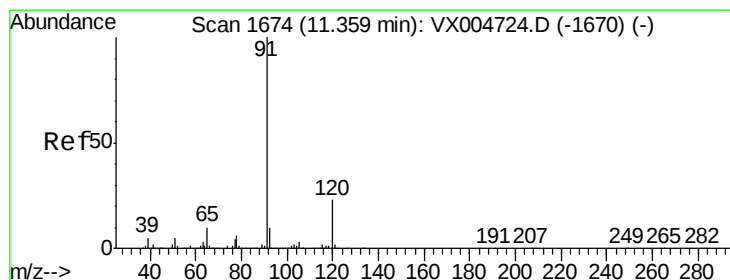
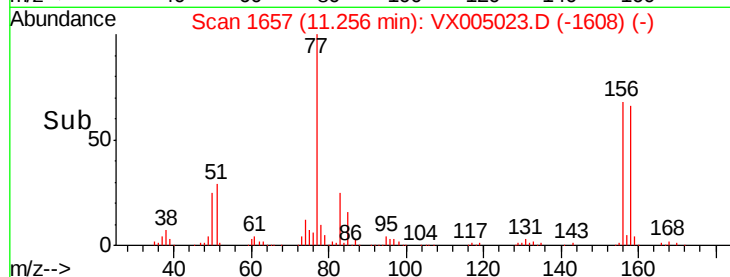
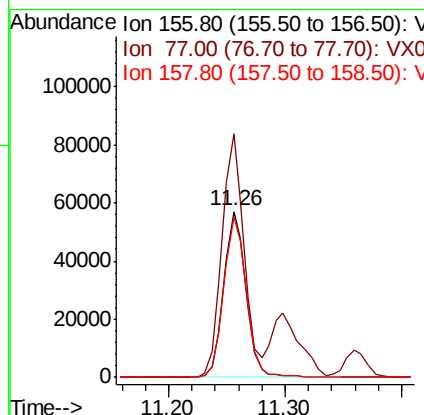
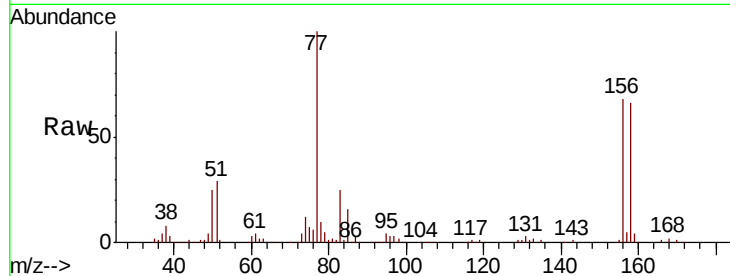
ClientSampleId :

VX1004MBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	145.3	73.4	220.2	
158	97.7	49.1	147.4	

Manual Integrations
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#78

n-propylbenzene

Concen: 21.057 ug/l

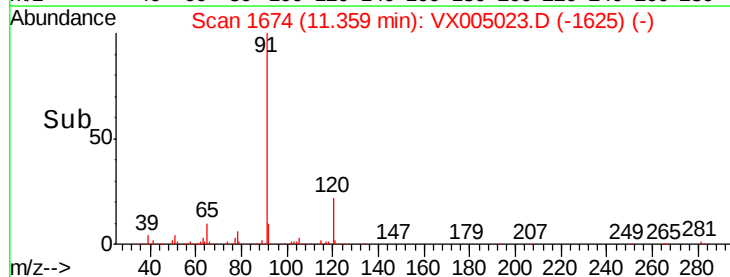
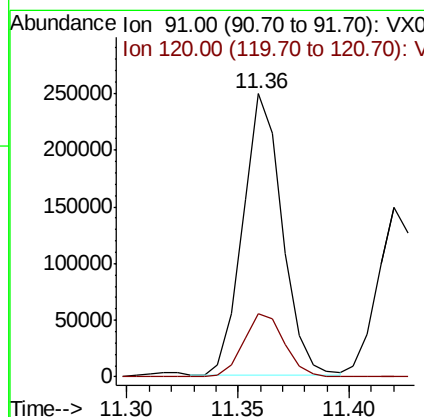
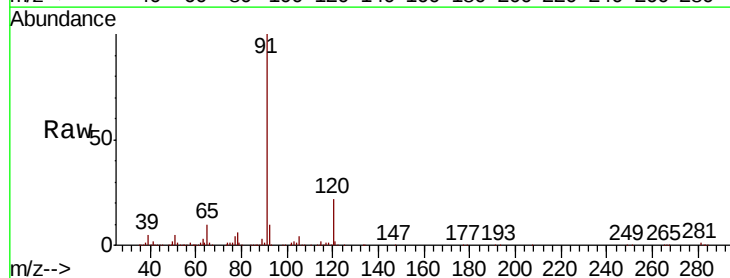
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.6	12.0	36.0	





#79

2-Chlorotoluene

Concen: 20.869 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 91 Resp: 189869

Ion Ratio Lower Upper

91 100

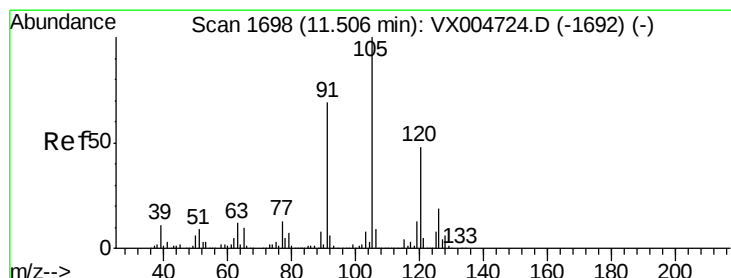
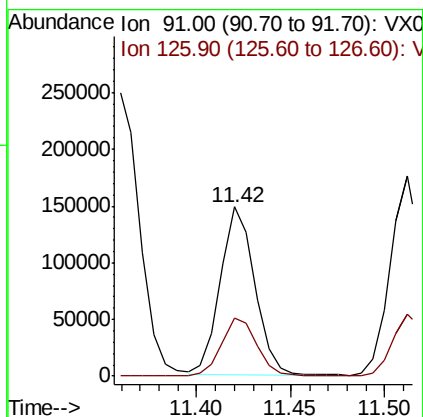
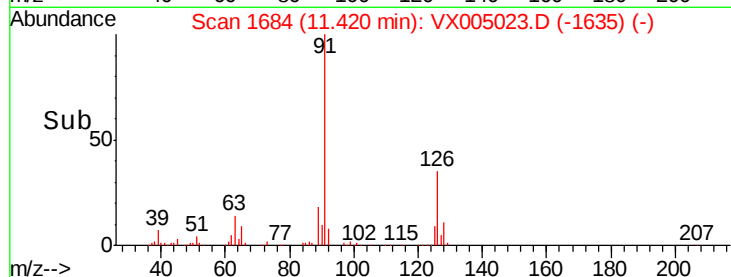
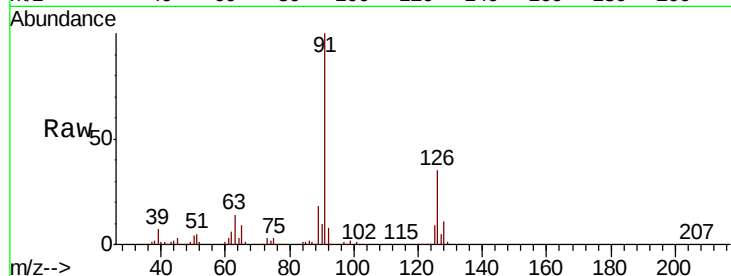
126 35.6 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 19.655 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005023.D

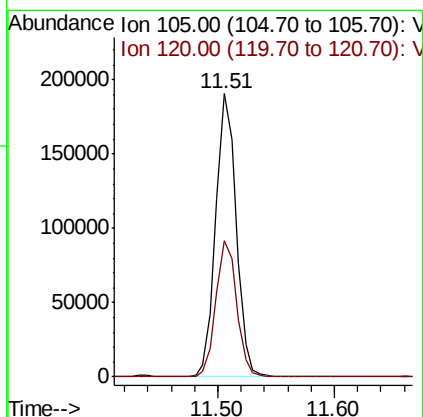
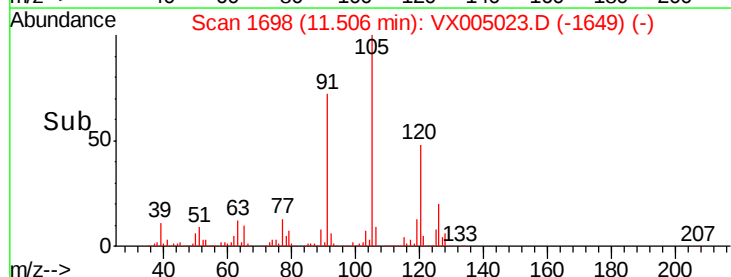
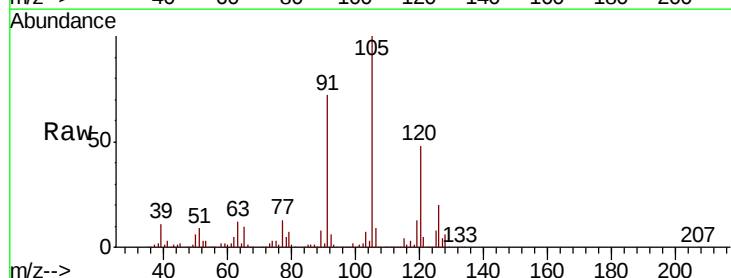
Acq: 04 Oct 2018 17:21

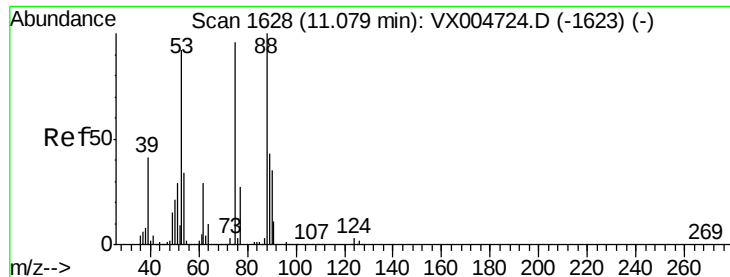
Tgt Ion: 105 Resp: 230561

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.970 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion: 75 Resp: 25878

Ion Ratio Lower Upper

75 100

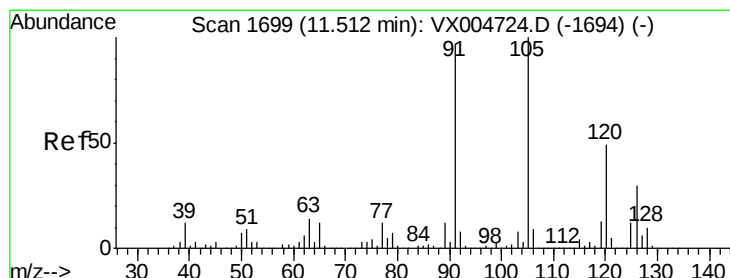
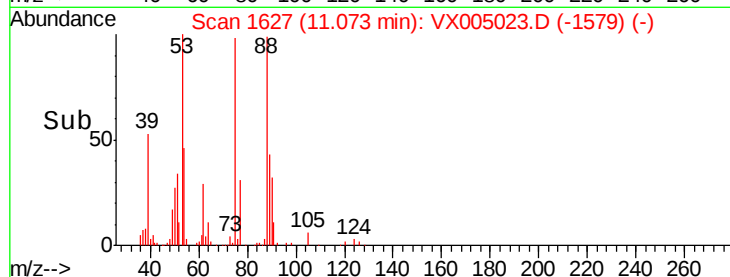
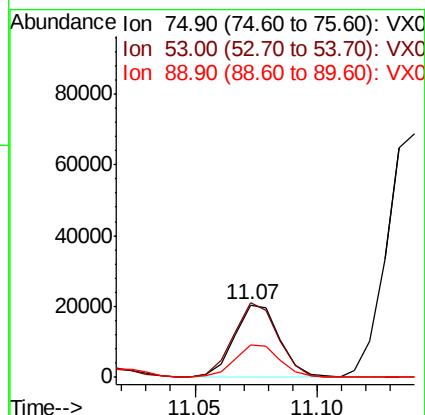
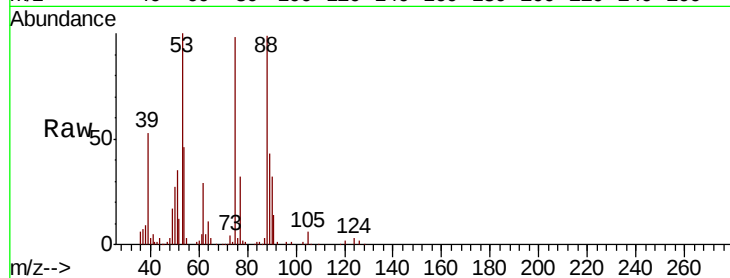
53 101.8 80.2 120.4

89 45.3 37.1 55.7

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#82

4-Chlorotoluene

Concen: 20.628 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005023.D

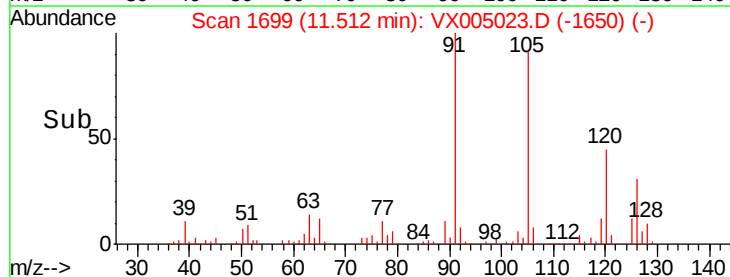
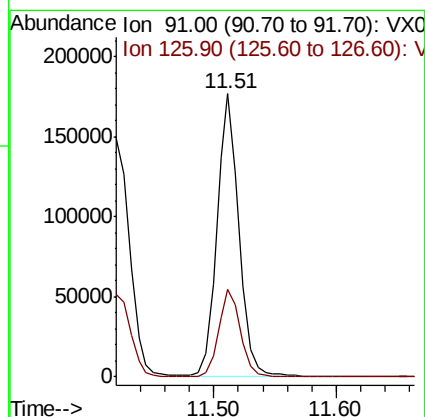
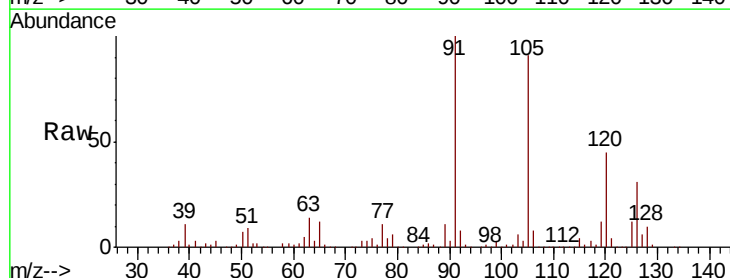
Acq: 04 Oct 2018 17:21

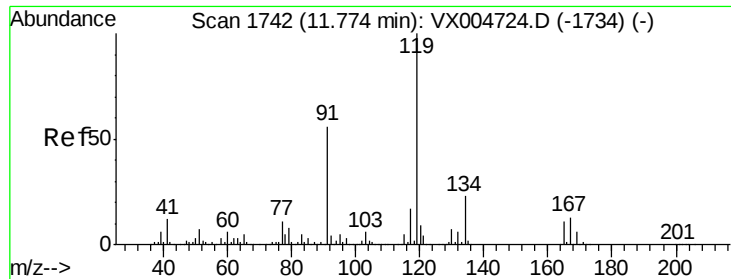
Tgt Ion: 91 Resp: 220900

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5





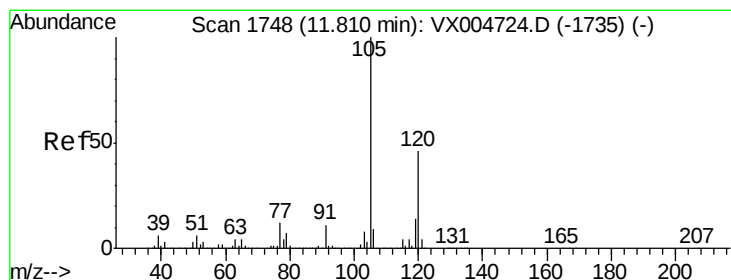
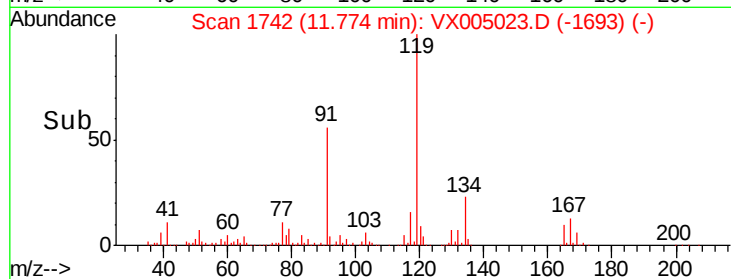
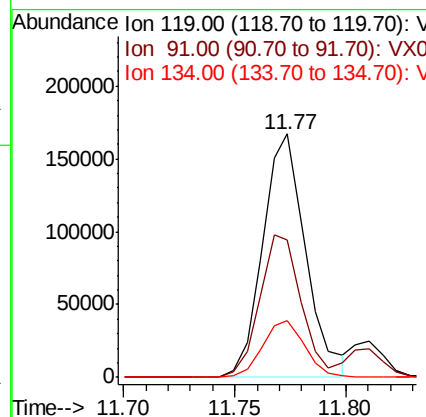
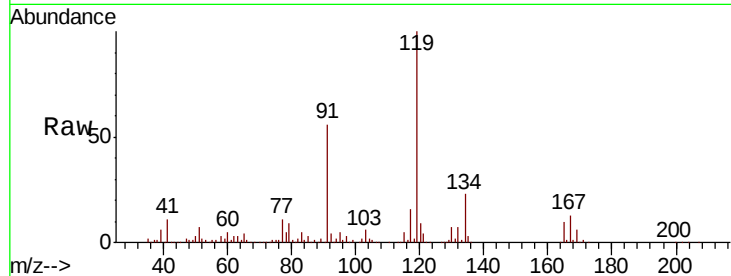
#83
tert-Butylbenzene
Concen: 21.360 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	223717		
91	56.5		27.5	82.5
134	23.1		11.5	34.4

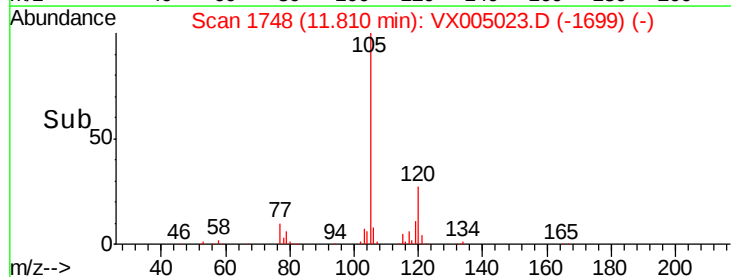
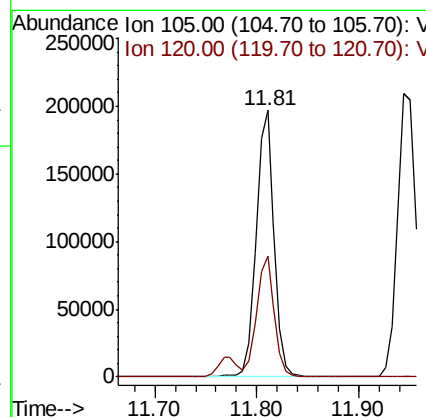
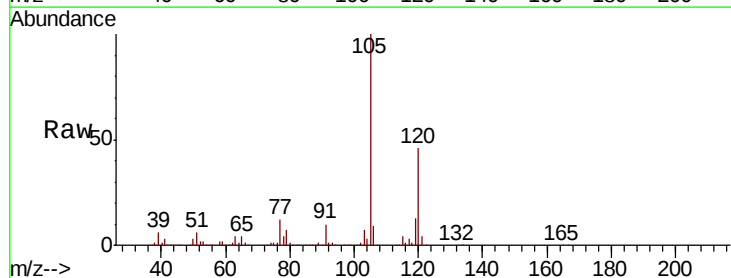
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#84
1,2,4-Trimethylbenzene
Concen: 19.918 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	240921		
120	45.0		22.8	68.3





#85

sec-Butylbenzene

Concen: 20.978 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tot Ion:105 Resp: 267621

Ion Ratio Lower Upper

105 100

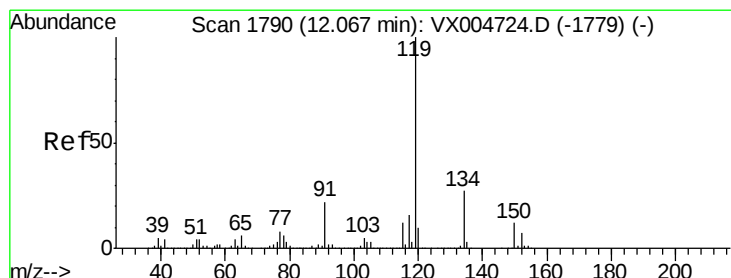
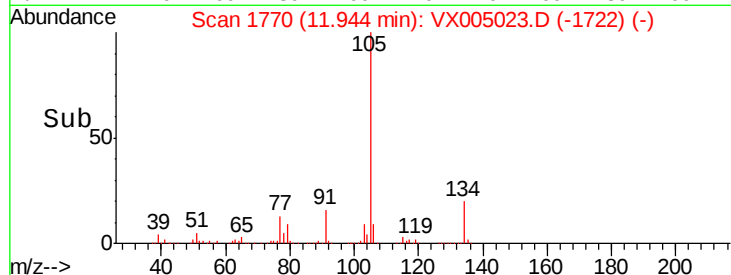
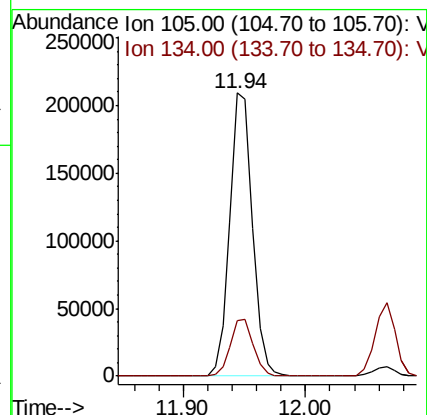
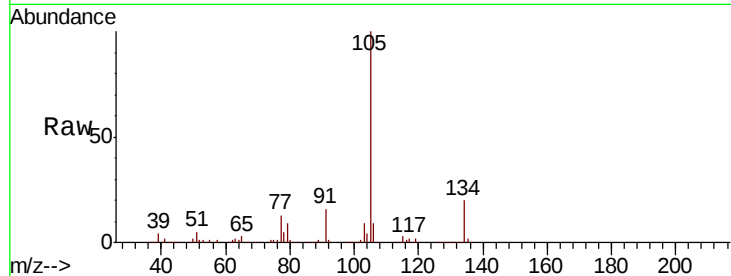
134 20.3 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 20.816 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

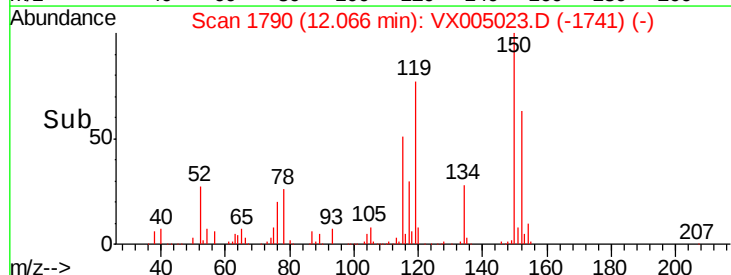
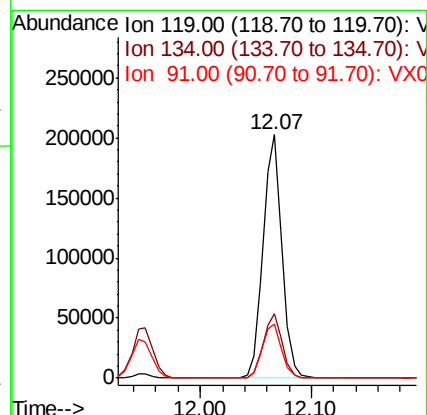
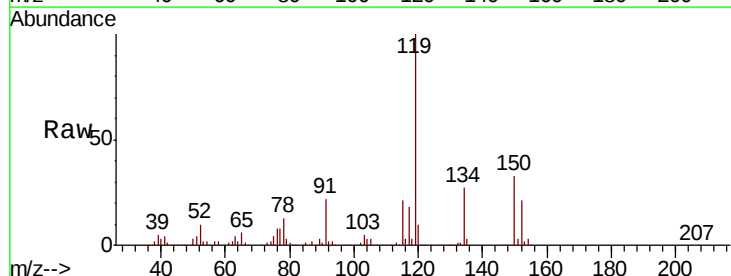
Tgt Ion:119 Resp: 240600

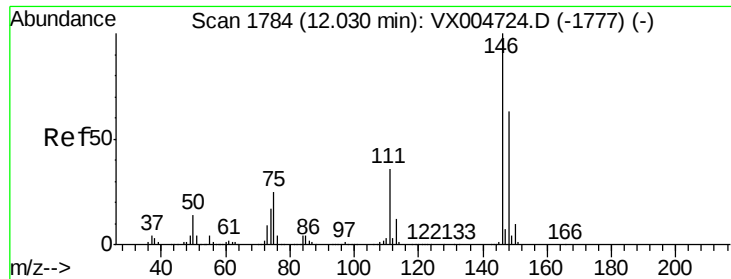
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 22.9 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 19.595 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

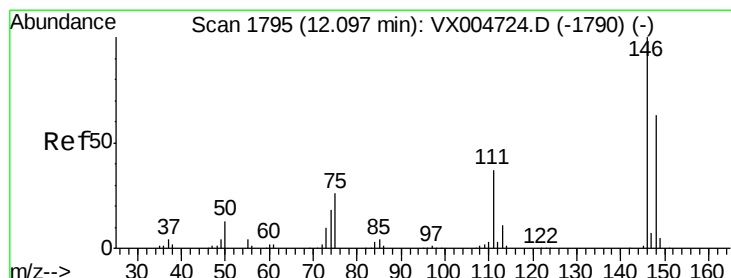
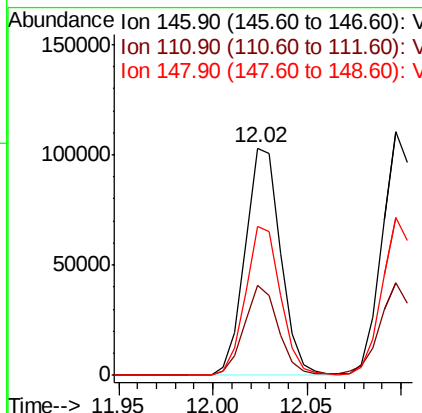
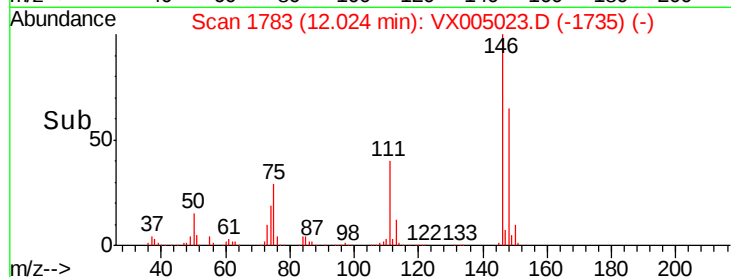
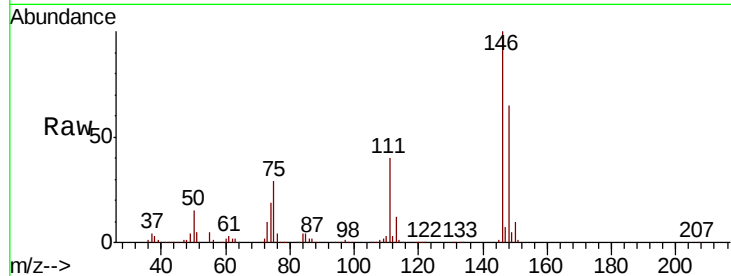
ClientSampleId :

VX1004MBS01

Tot Ion:	146	Resp:	135197
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.9
148	64.7	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 19.442 ug/l

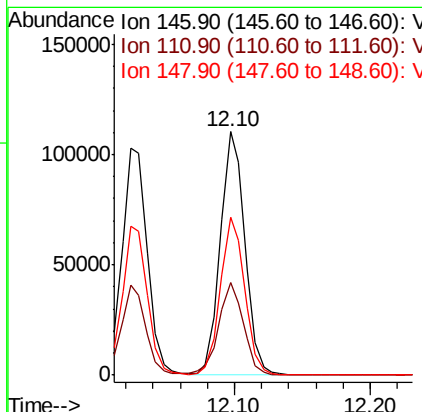
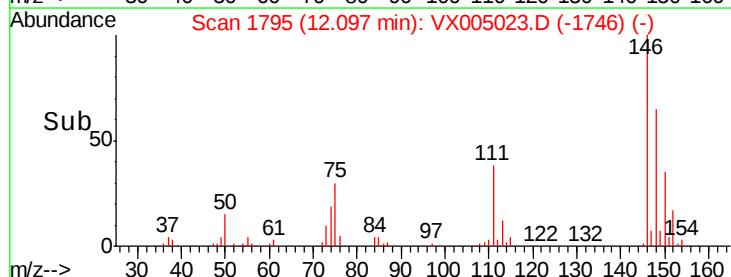
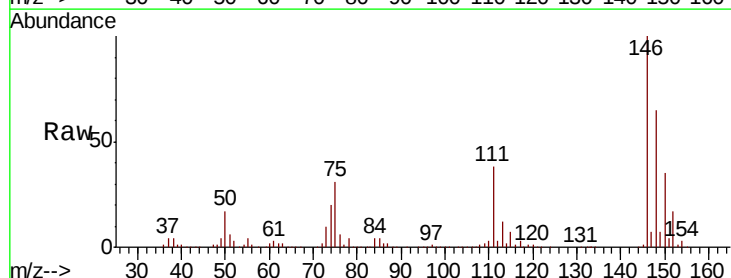
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:	146	Resp:	138474
Ion Ratio	Lower	Upper	
146	100		
111	38.6	18.4	55.2
148	64.2	32.0	96.0





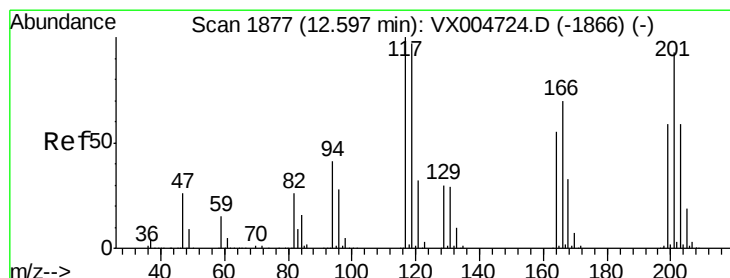
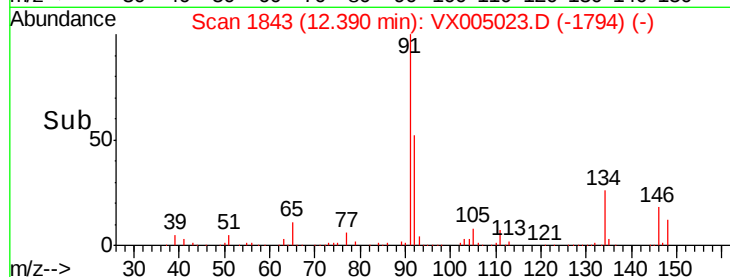
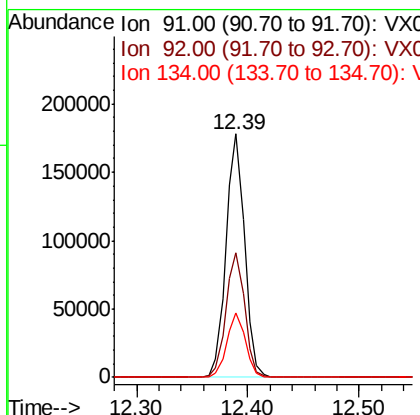
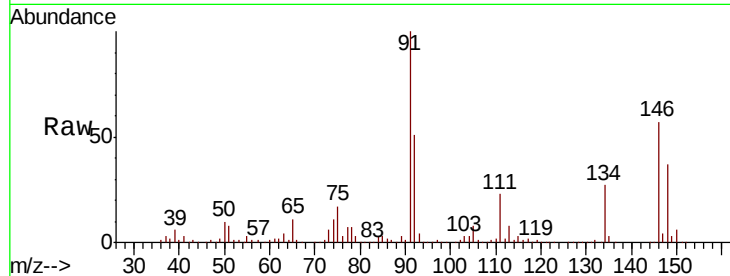
#89
n-Butylbenzene
Concen: 19.563 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	26.3	13.2	39.6

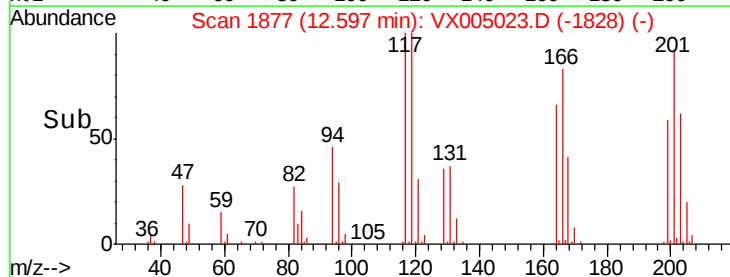
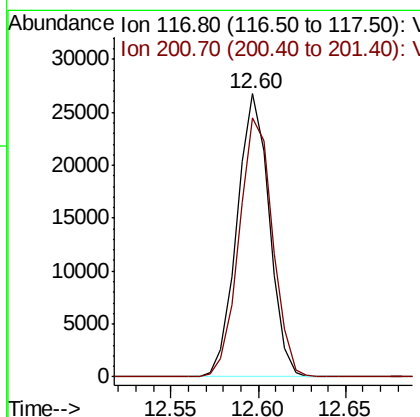
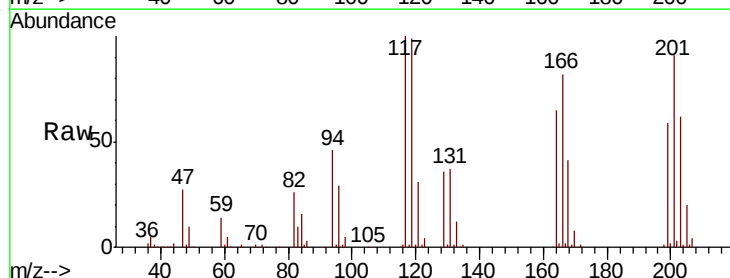
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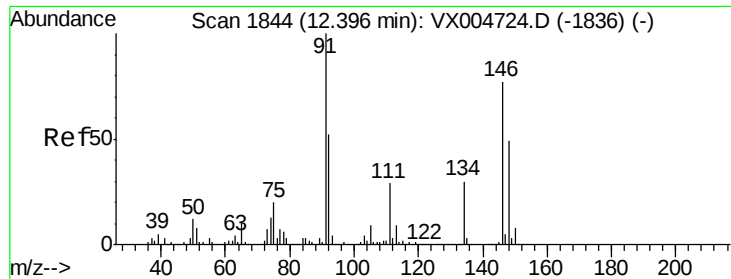
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#90
Hexachloroethane
Concen: 17.840 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	48.4	145.0





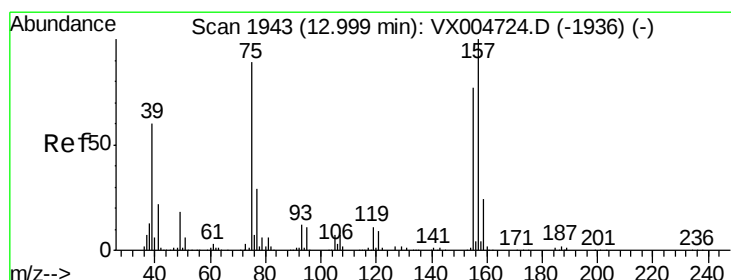
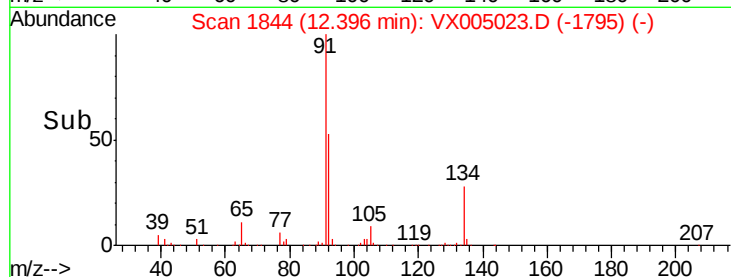
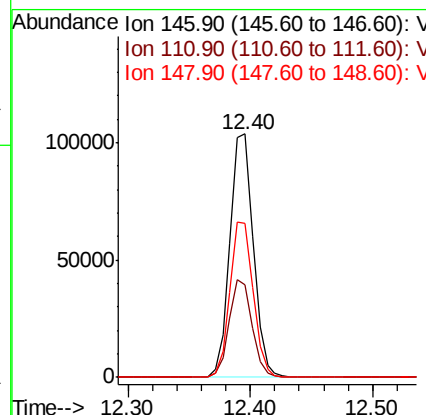
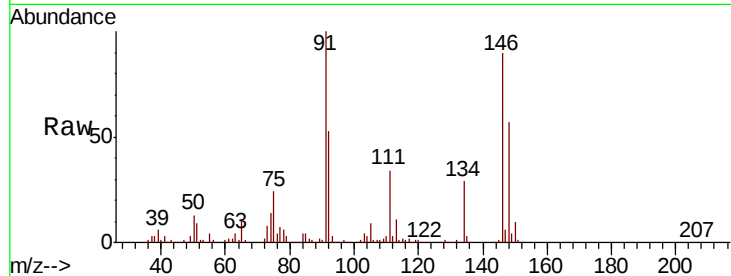
#91
 1,2-Dichlorobenzene
 Concen: 19.004 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	63.4	31.8	95.4

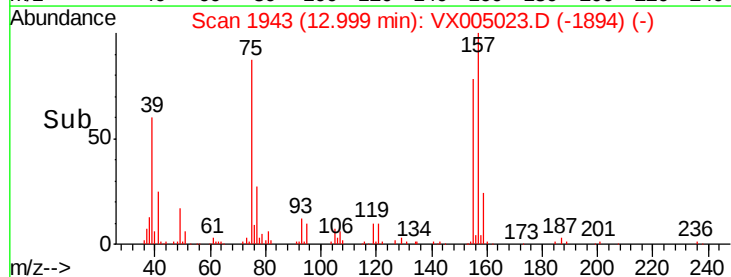
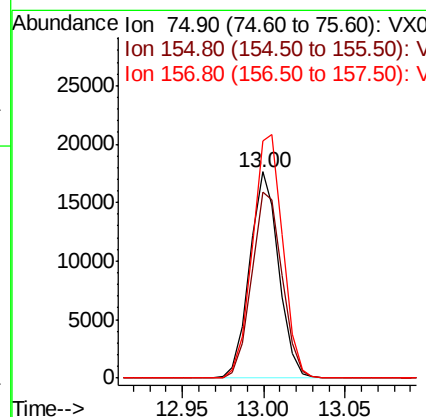
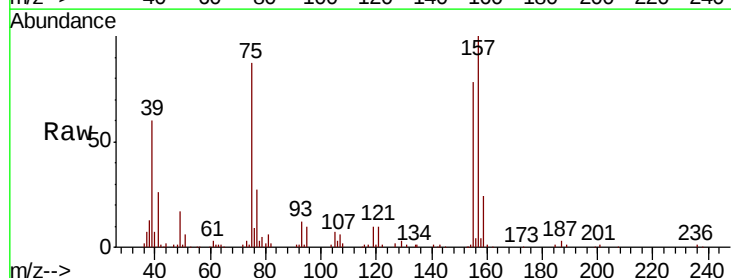
Manual Integrations
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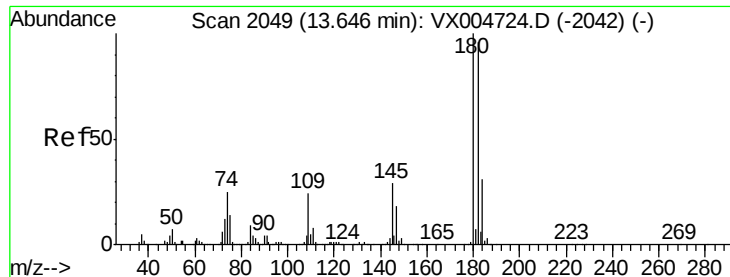
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.263 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.4	46.1	138.3
157	123.1	60.2	180.6





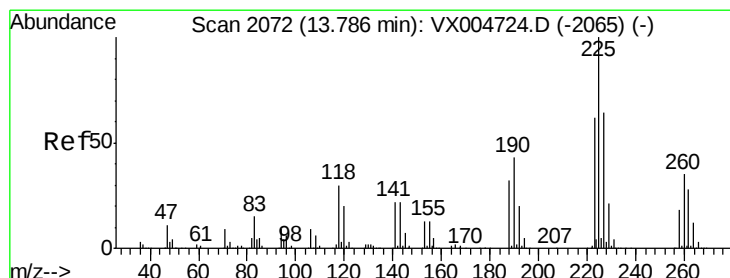
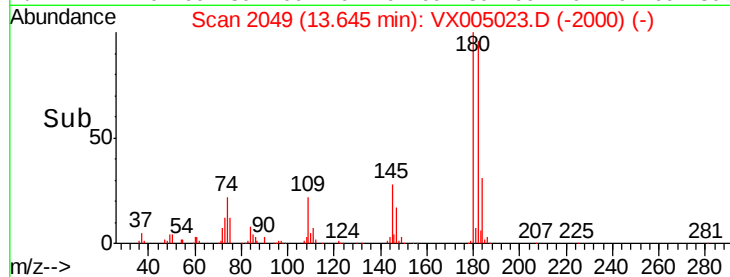
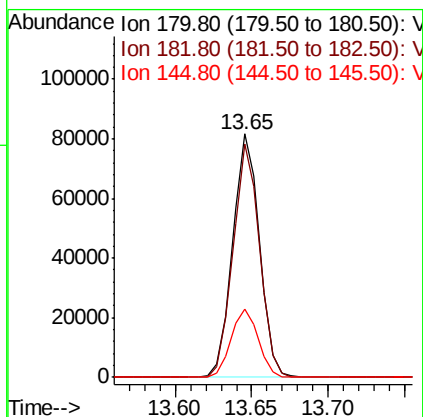
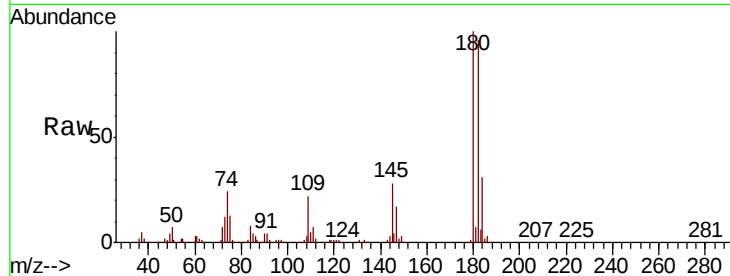
#93
 1,2,4-Trichlorobenzene
 Concen: 19.453 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98394		
182	95.4	47.8	143.4	
145	28.6	14.1	42.4	

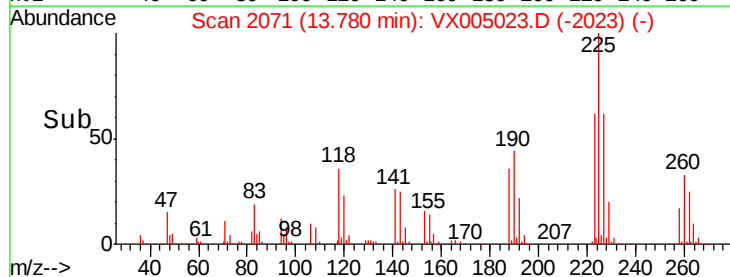
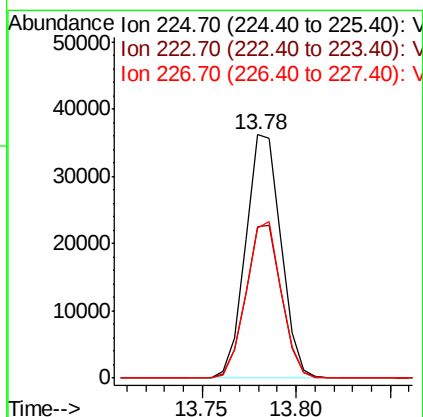
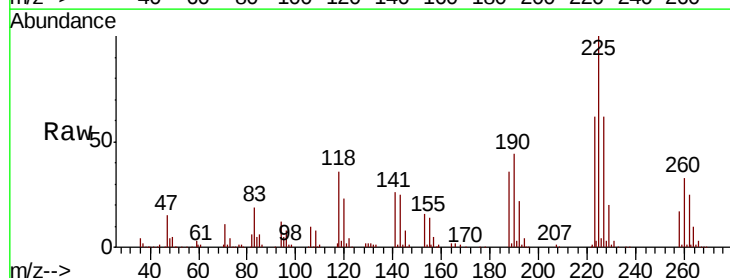
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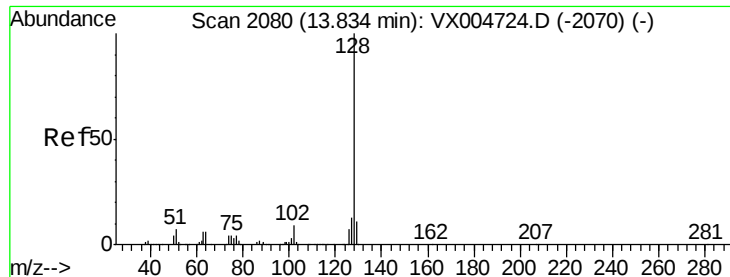
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#94
 Hexachlorobutadiene
 Concen: 17.905 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46962		
223	63.3	31.3	93.8	
227	63.8	31.9	95.5	





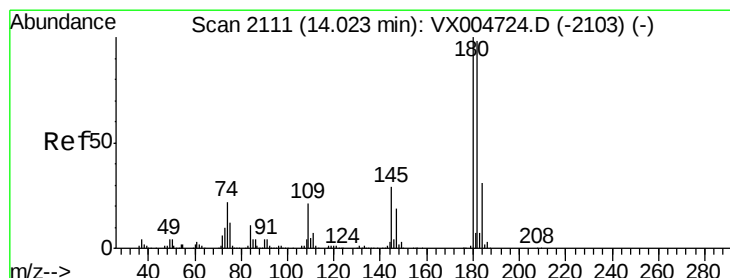
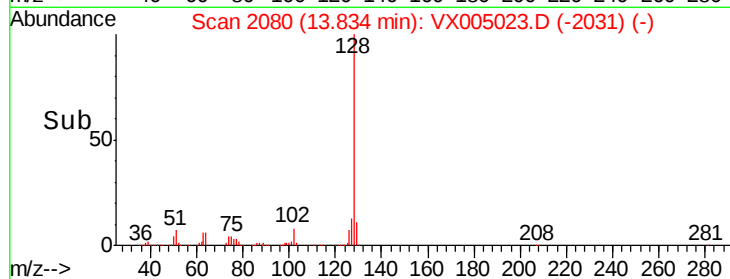
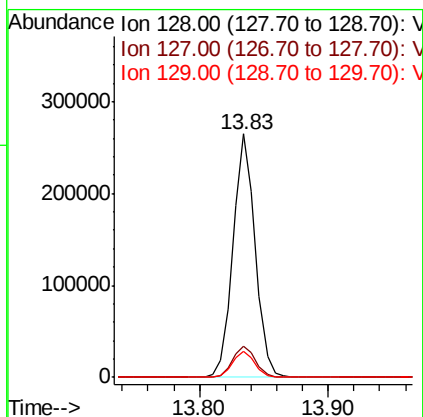
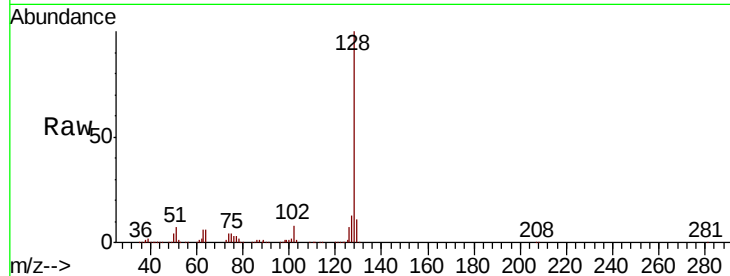
#95
Naphthalene
Concen: 19.374 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 19.349 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	29.7	15.0	45.0

