

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005590.D
 Acq On : 25 Oct 2018 15:37
 Operator : JC/MD
 Sample : VX1025WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 10:02:54 AM

Quant Time: Oct 26 06:50:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	211669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	126873	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	5.51	113	99688	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	376100	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.14	95	138814	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55131	26.388	ug/l	88
3) Chloromethane	1.32	50	60249	22.644	ug/l	99
4) Vinyl Chloride	1.40	62	62926	24.052	ug/l	90
5) Bromomethane	1.64	94	33512	20.586	ug/l	100
6) Chloroethane	1.72	64	33710	20.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	78362	21.556	ug/l	96
8) Diethyl Ether	2.19	74	30104	20.751	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42784	20.512	ug/l	98
10) Methyl Iodide	2.51	142	43080	21.424	ug/l	99
11) Tert butyl alcohol	3.07	59	71837	103.318	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40562	20.414	ug/l	96
13) Acrolein	2.29	56	30092	84.843	ug/l	96
14) Allyl chloride	2.73	41	89903	20.274	ug/l	99
15) Acrylonitrile	3.15	53	158815	101.862	ug/l	99
16) Acetone	2.45	43	144724	105.999	ug/l	100
17) Carbon Disulfide	2.57	76	129244	21.338	ug/l	98
18) Methyl Acetate	2.78	43	74192	21.153	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	147524	20.814	ug/l	99
20) Methylene Chloride	2.85	84	46316	20.255	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	42905	19.777	ug/l	97
22) Diisopropyl ether	3.87	45	151561	19.572	ug/l	98
23) Vinyl Acetate	3.82	43	665876	97.635	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85615	20.335	ug/l	100
25) 2-Butanone	4.70	43	216182	103.978	ug/l	90
26) 2,2-Dichloropropane	4.58	77	59516	18.310	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	44426	18.995	ug/l	97
28) Bromochloromethane	5.02	49	42172	20.710	ug/l	97
29) Tetrahydrofuran	5.15	42	142350	105.207	ug/l	98
30) Chloroform	5.21	83	77728	19.737	ug/l	99
31) Cyclohexane	5.58	56	70307	20.183	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	69286	19.933	ug/l	98
36) 1,1-Dichloropropene	5.80	75	57061	19.342	ug/l	98
37) Ethyl Acetate	4.85	43	75113	19.952	ug/l	99
38) Carbon Tetrachloride	5.78	117	60544	19.485	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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MMDadoda
 10/26/2018 10:02:54 AM

Quant Time: Oct 26 06:50:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65724	20.175	ug/l	99
40) Benzene	6.13	78	179019	21.168	ug/l	97
41) Methacrylonitrile	5.06	41	40510	19.318	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65738	20.462	ug/l	99
43) Isopropyl Acetate	6.46	43	108473	19.228	ug/l	98
44) Trichloroethene	7.21	130	46499	20.183	ug/l	99
45) 1,2-Dichloropropane	7.52	63	45008	19.795	ug/l	98
46) Dibromomethane	7.66	93	30454	20.739	ug/l	99
47) Bromodichloromethane	7.90	83	57623	20.218	ug/l	99
48) Methyl methacrylate	7.77	41	56459	20.544	ug/l	100
49) 1,4-Dioxane	7.75	88	24155	402.190	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	390707	103.052	ug/l	99
52) Toluene	8.79	92	107207	20.859	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61586	19.993	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	68174	20.557	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	44522	20.546	ug/l	99
56) Ethyl methacrylate	9.18	69	65005	20.112	ug/l	100
57) 1,3-Dichloropropane	9.37	76	74857	20.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	182132	100.893	ug/l	100
59) 2-Hexanone	9.49	43	305941	102.346	ug/l	100
60) Dibromochloromethane	9.59	129	45657	20.195	ug/l	100
61) 1,2-Dibromoethane	9.68	107	46388	20.692	ug/l	100
64) Tetrachloroethene	9.34	164	48627	20.734	ug/l	96
65) Chlorobenzene	10.14	112	121585	20.210	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	44356	20.221	ug/l	100
67) Ethyl Benzene	10.25	91	204155	20.626	ug/l	98
68) m/p-Xylenes	10.36	106	159185	41.453	ug/l	99
69) o-Xylene	10.70	106	74615	20.652	ug/l	99
70) Styrene	10.71	104	125245	20.708	ug/l	98
71) Bromoform	10.86	173	37221	19.015	ug/l #	100
73) Isopropylbenzene	11.02	105	207390	21.578	ug/l	100
74) N-amyl acetate	10.90	43	97074	20.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71727	20.228	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	66948m	20.096	ug/l	
77) Bromobenzene	11.26	156	56048	20.924	ug/l	98
78) n-propylbenzene	11.36	91	236794	21.546	ug/l	100
79) 2-Chlorotoluene	11.42	91	142234	20.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	177657	21.607	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19577	19.202	ug/l	96
82) 4-Chlorotoluene	11.51	91	167548	20.852	ug/l	100
83) tert-Butylbenzene	11.77	119	171319	20.903	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	182389	21.888	ug/l	100
85) sec-Butylbenzene	11.94	105	208625	21.333	ug/l	100
86) p-Isopropyltoluene	12.07	119	186934	21.382	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	101661	20.183	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	103017	19.593	ug/l	99
89) n-Butylbenzene	12.39	91	161078	20.409	ug/l	99
90) Hexachloroethane	12.60	117	30010	19.903	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	102143	20.043	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17188	20.047	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

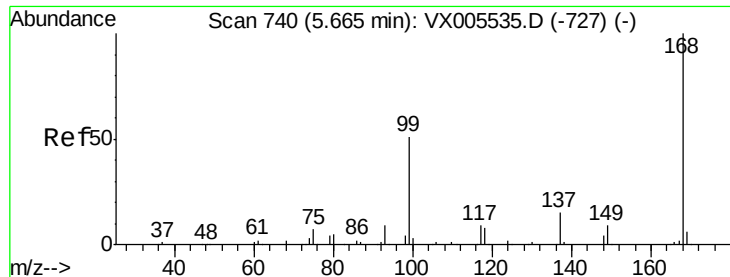
Manual Integrations
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MMDadoda
10/26/2018 10:02:54 AM

Quant Time: Oct 26 06:50:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75350	20.397	ug/l	99
94) Hexachlorobutadiene	13.79	225	37289	19.478	ug/l	99
95) Naphthalene	13.83	128	231313	21.541	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77242	20.627	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion:168 Resp: 211669

Ion Ratio Lower Upper

168 100

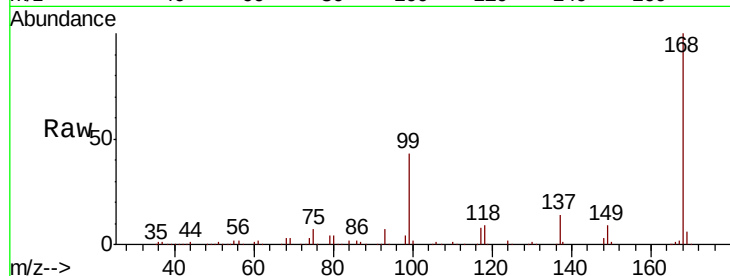
99 42.9 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

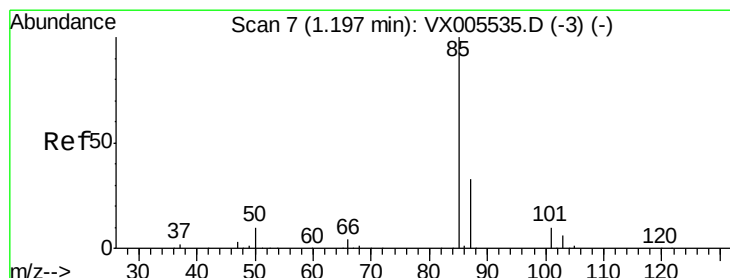
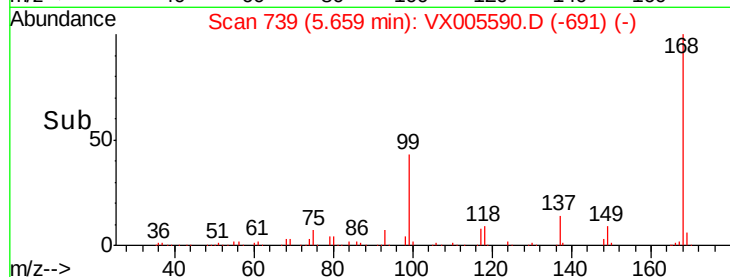
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 26.388 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005590.D

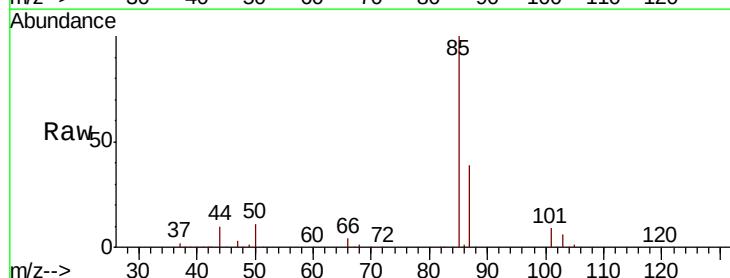
Acq: 25 Oct 2018 15:37

Tgt Ion: 85 Resp: 55131

Ion Ratio Lower Upper

85 100

87 39.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

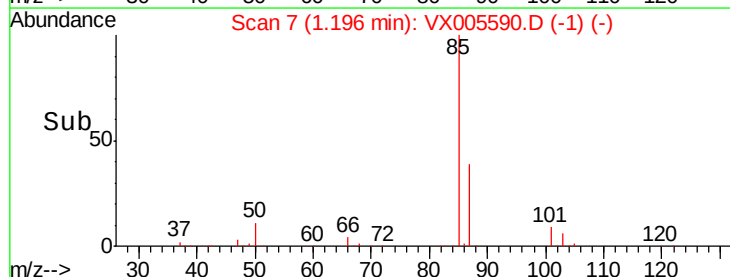
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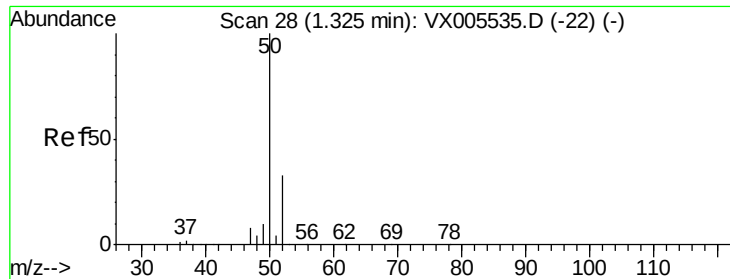
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 22.644 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion: 50 Resp: 60249

Ion Ratio Lower Upper

50 100

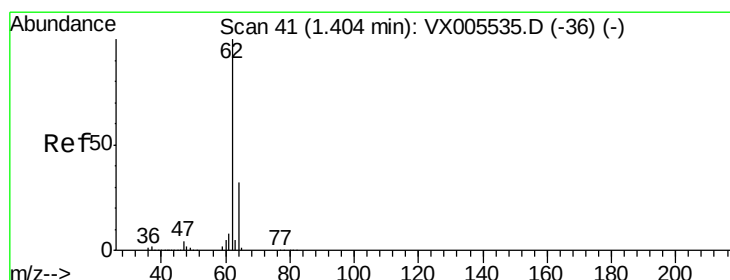
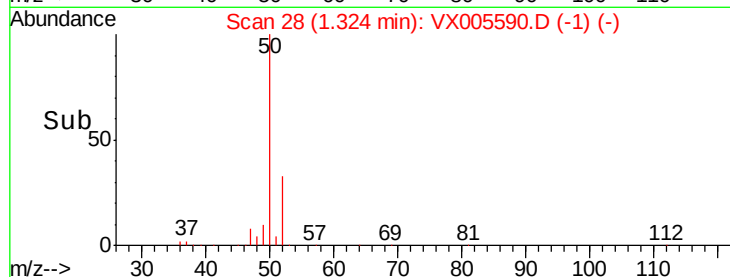
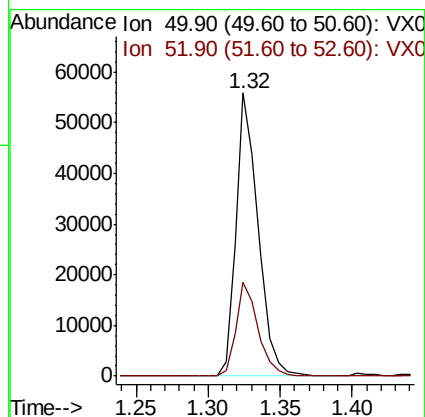
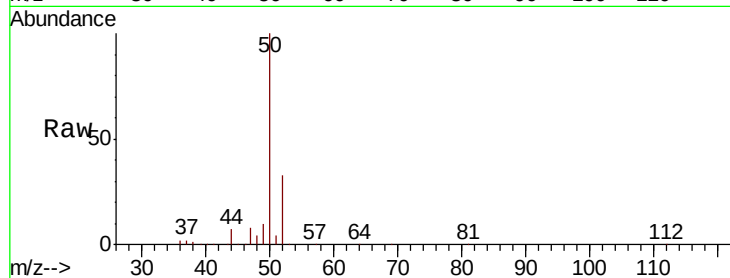
52 33.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.052 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005590.D

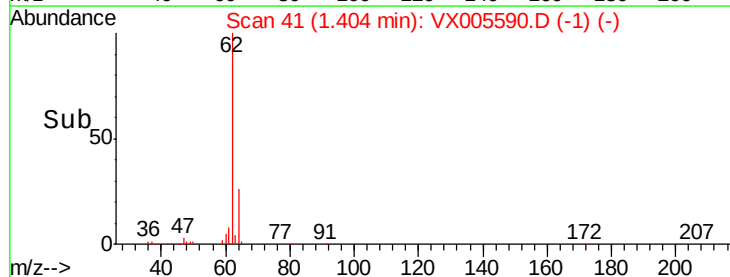
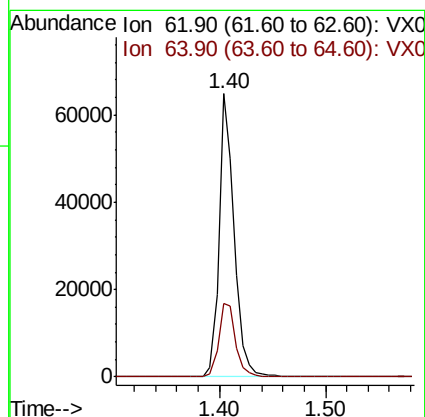
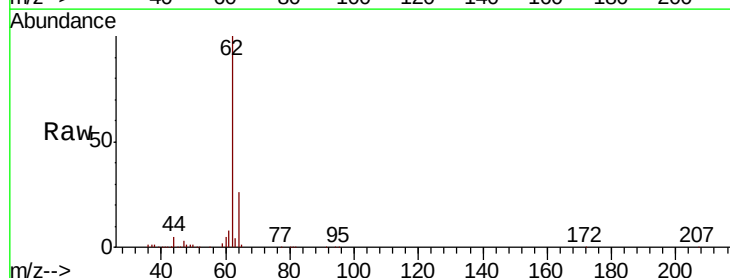
Acq: 25 Oct 2018 15:37

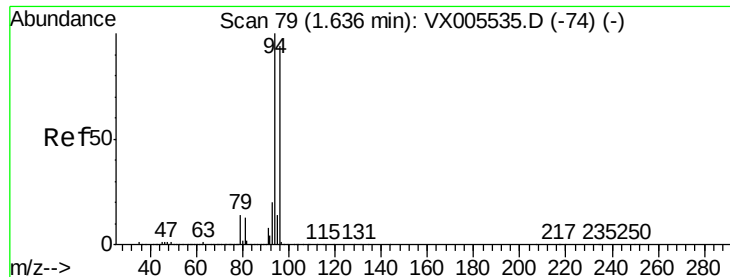
Tgt Ion: 62 Resp: 62926

Ion Ratio Lower Upper

62 100

64 25.9 25.3 37.9





#5

Bromomethane

Concen: 20.586 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion: 94 Resp: 33512

Ion Ratio Lower Upper

94 100

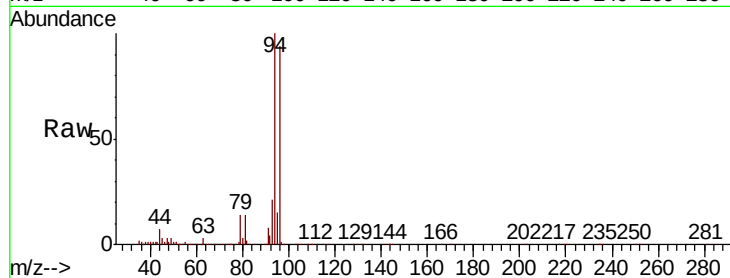
96 94.3 75.2 112.8

Manual Integrations

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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

40000

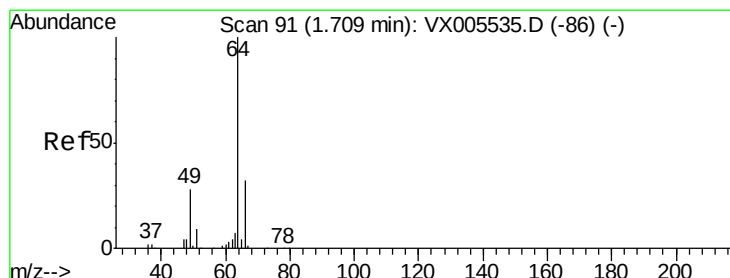
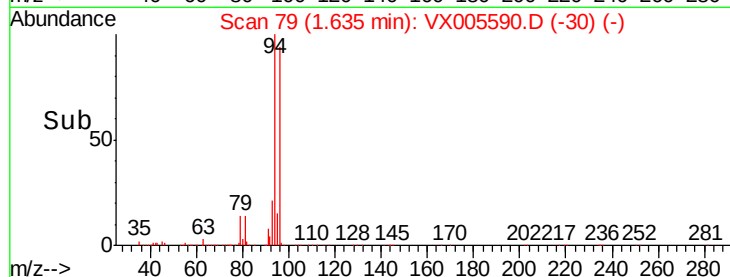
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.170 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005590.D

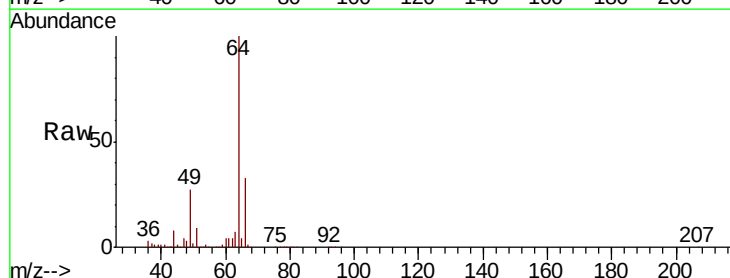
Acq: 25 Oct 2018 15:37

Tgt Ion: 64 Resp: 33710

Ion Ratio Lower Upper

64 100

66 32.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

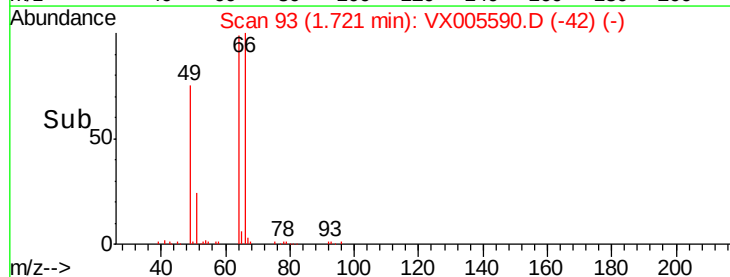
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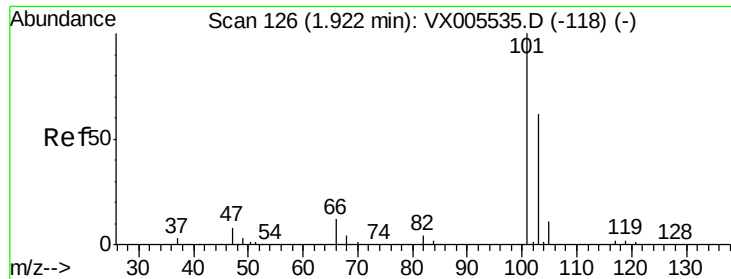
10000

5000

0

Time--> 1.60 1.70 1.80





#7

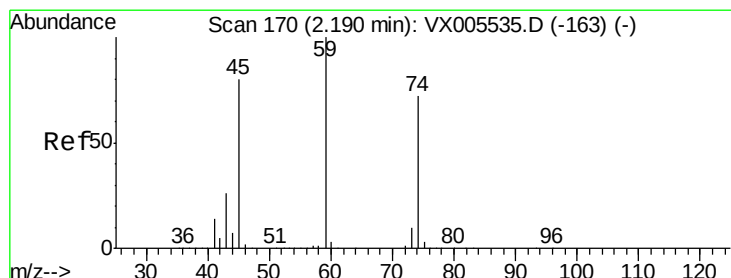
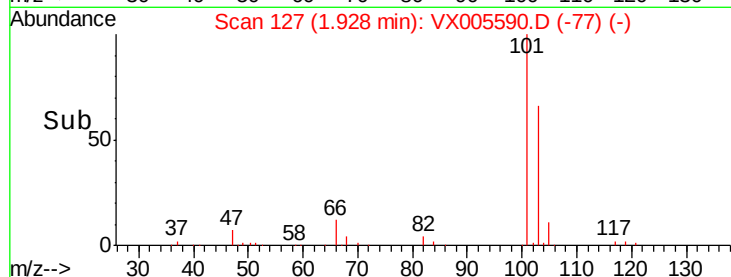
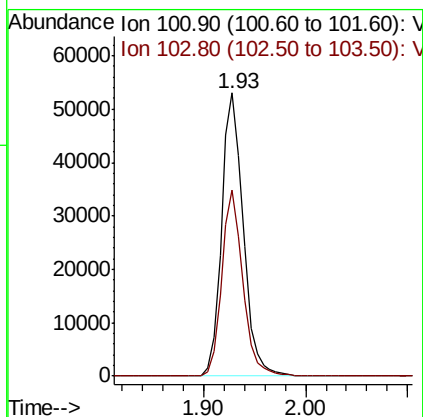
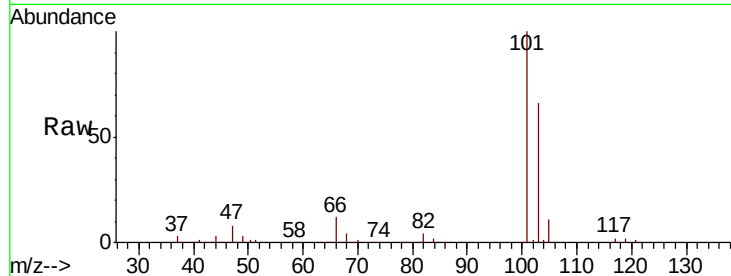
Trichlorofluoromethane
Concen: 21.556 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion:101 Resp: 78362
Ion Ratio Lower Upper
101 100
103 65.6 50.0 75.0

Manual Integrations
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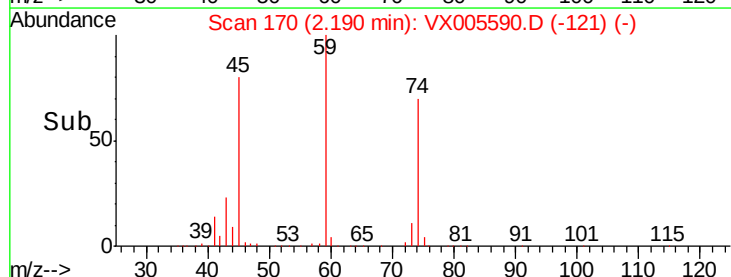
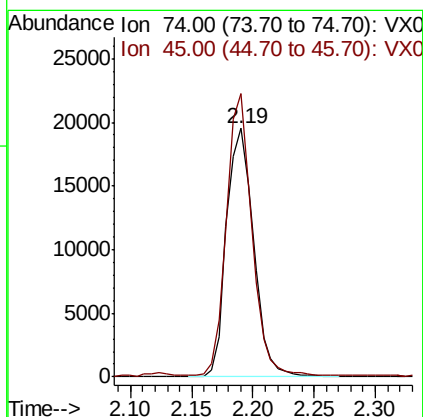
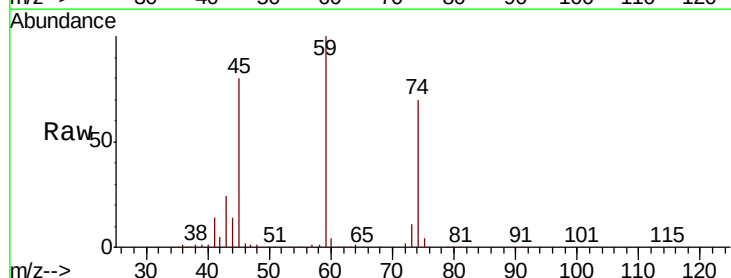
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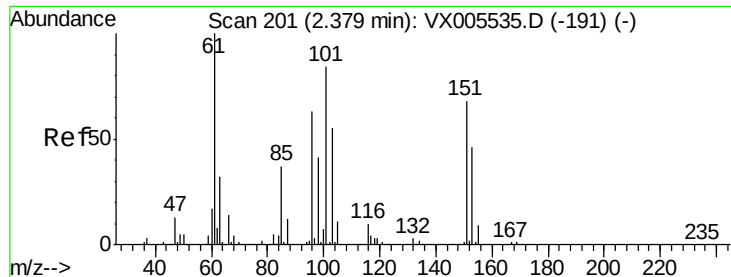


#8

Diethyl Ether
Concen: 20.751 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 74 Resp: 30104
Ion Ratio Lower Upper
74 100
45 105.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.512 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

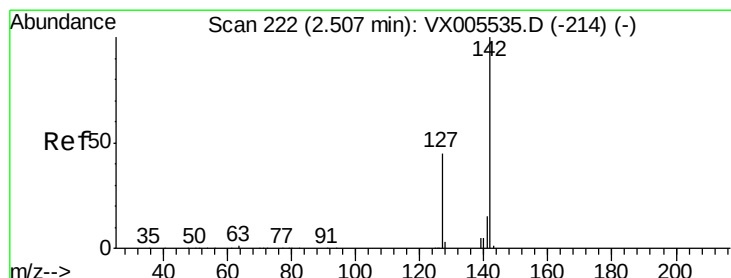
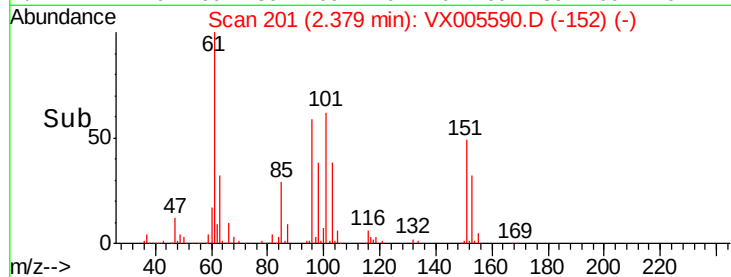
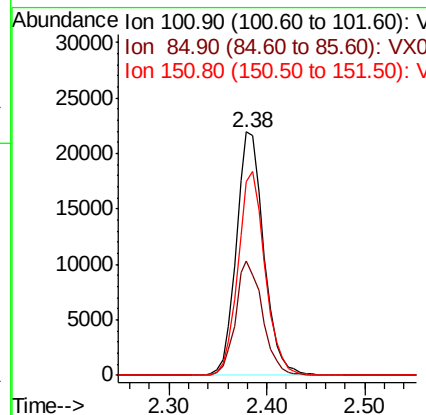
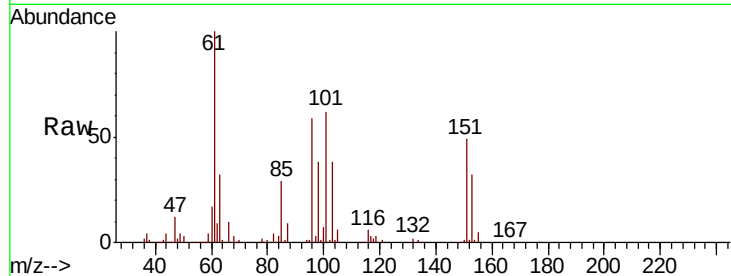
ClientSampleId :

VX1025WBSD01

Tot Ion:	101	Resp:	42784
Ion Ratio	Lower	Upper	
101	100		
85	46.2	35.0	52.4
151	82.4	66.2	99.2

Manual Integrations
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10/26/2018 10:02:54 AM



#10

Methyl Iodide

Concen: 21.424 ug/l

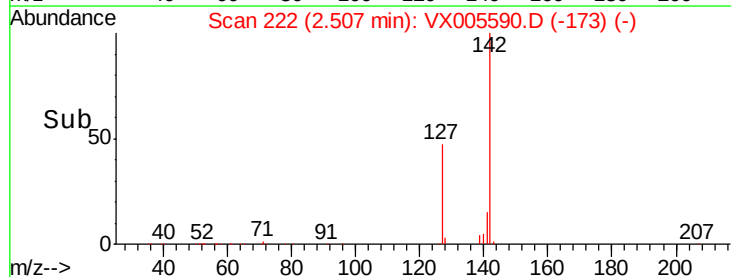
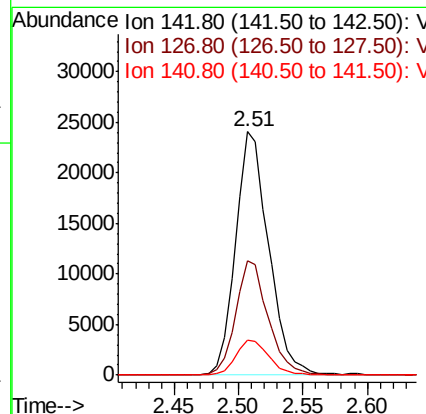
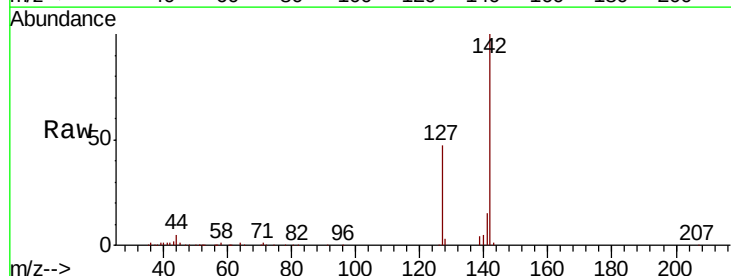
RT: 2.51 min Scan# 222

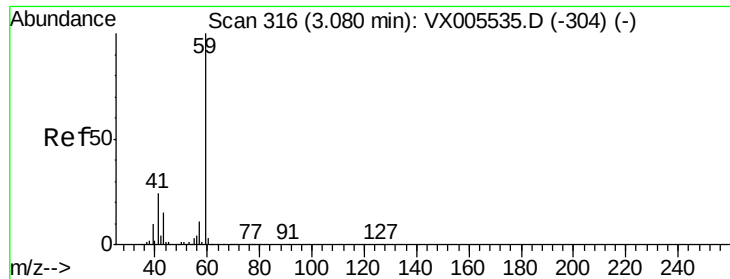
Delta R.T. 0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion:	142	Resp:	43080
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.0	54.0
141	14.6	11.7	17.5





#11

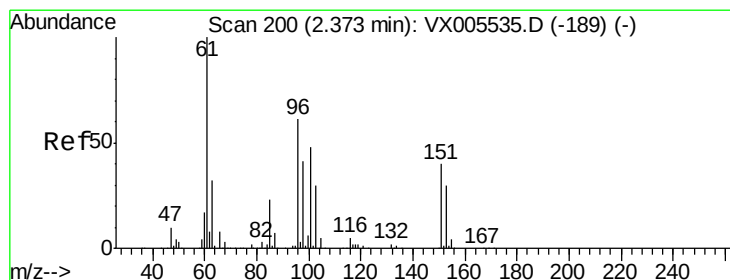
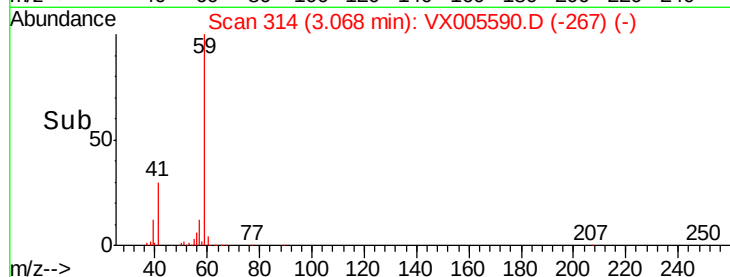
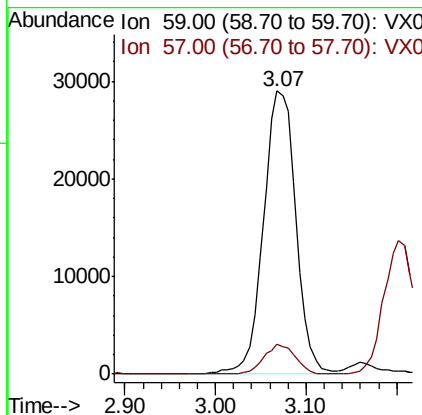
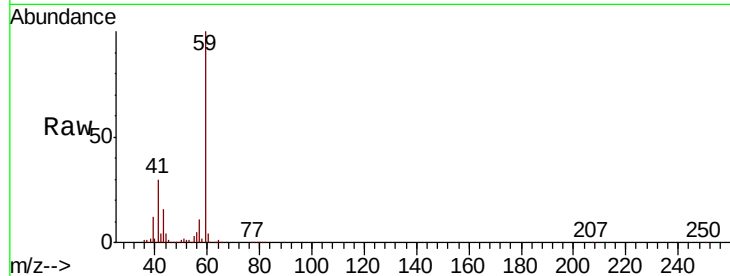
Tert butyl alcohol
Concen: 103.318 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion: 59 Resp: 71837
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

Manual Integrations
APPROVED

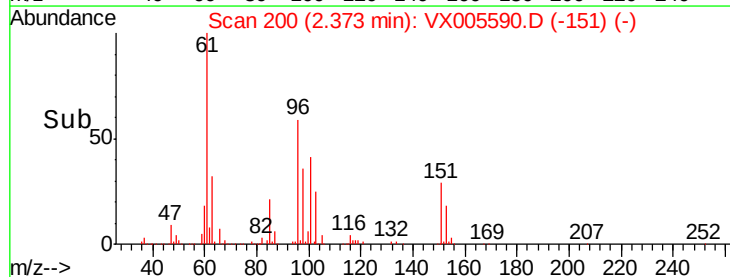
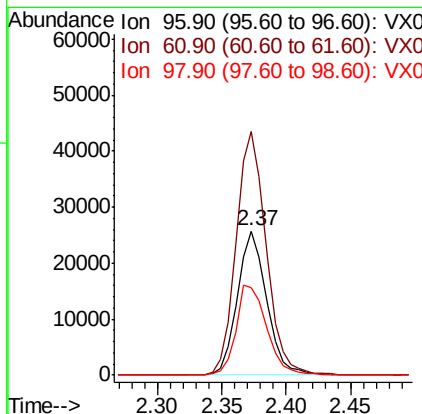
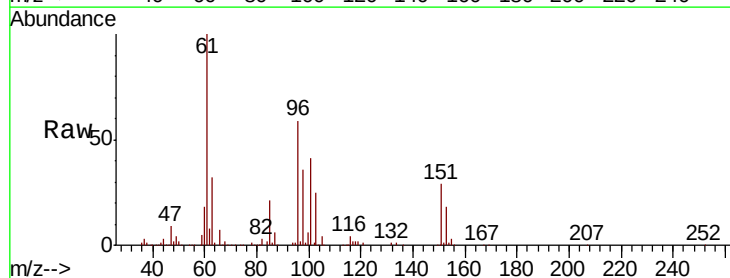
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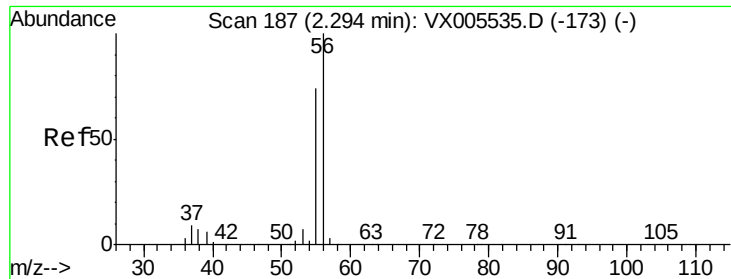


#12

1,1-Dichloroethene
Concen: 20.414 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 96 Resp: 40562
Ion Ratio Lower Upper
96 100
61 168.6 131.8 197.8
98 60.4 53.4 80.2





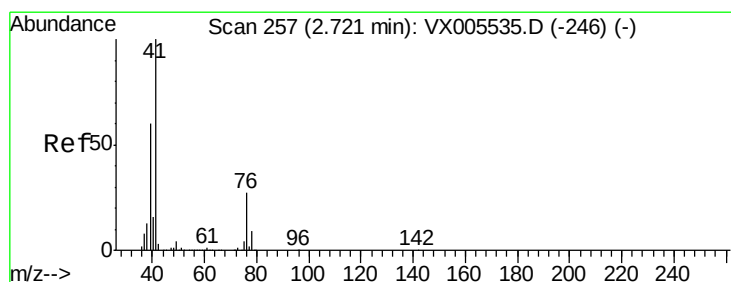
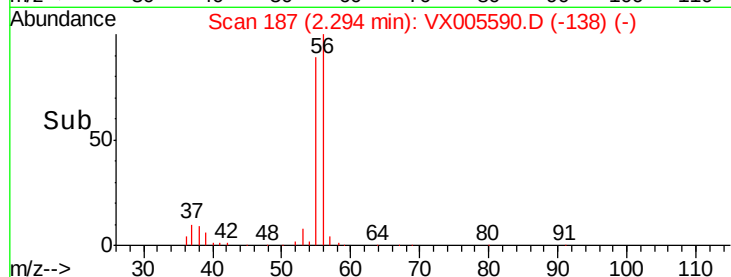
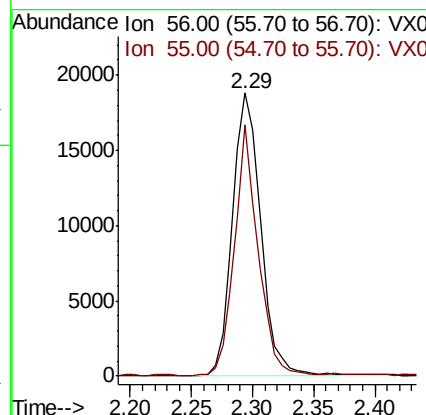
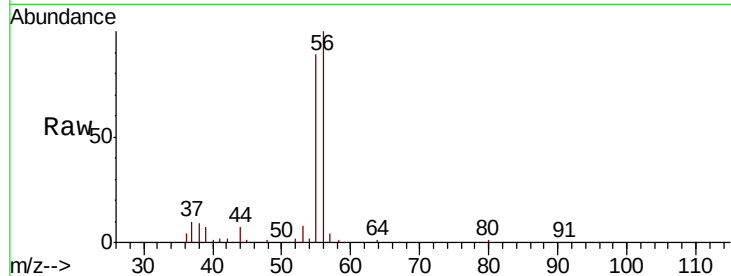
#13
Acrolein
Concen: 84.843 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.6	57.3	85.9

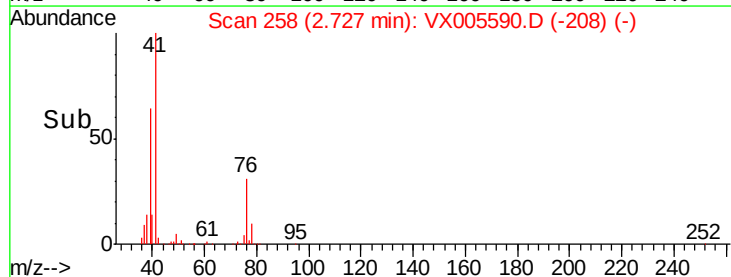
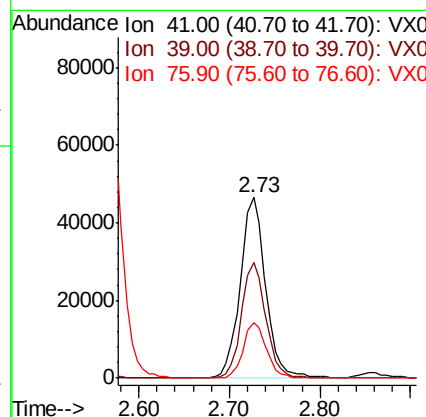
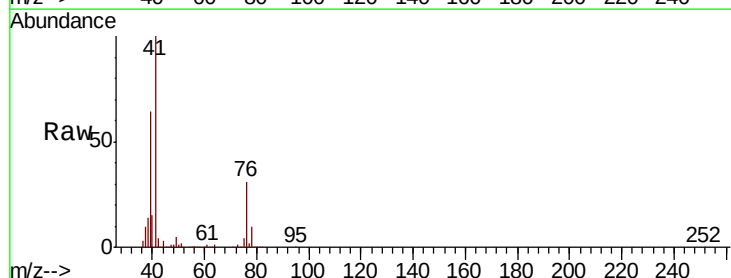
Manual Integrations
APPROVED

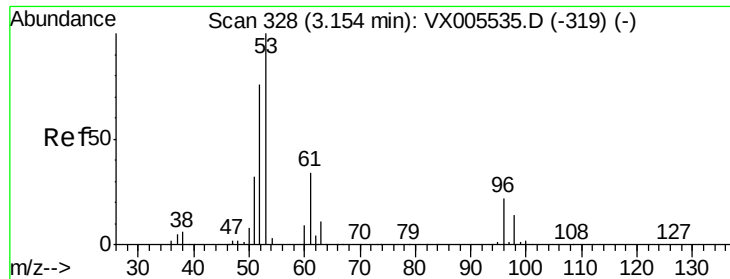
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#14
Allyl chloride
Concen: 20.274 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.9	48.2	72.4
76	28.4	21.9	32.9





#15

Acrylonitrile

Concen: 101.862 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

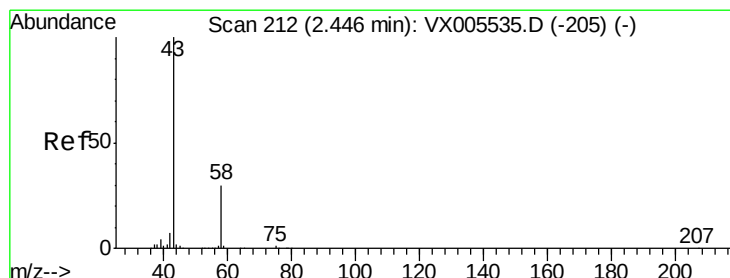
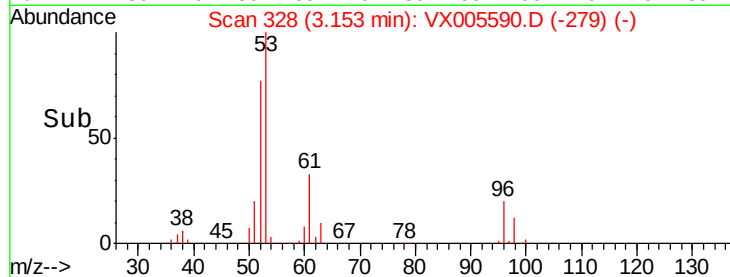
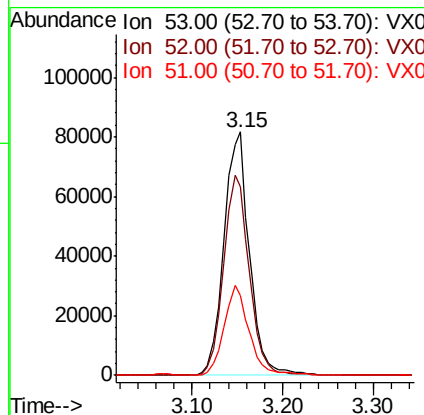
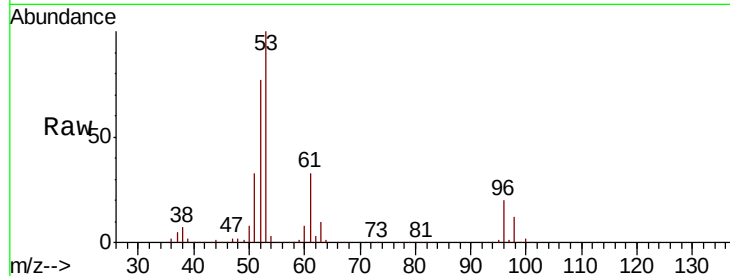
ClientSampleId :

VX1025WBSD01

Tot Ion:	53	Resp:	158815
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.6	99.8
51	36.9	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 105.999 ug/l

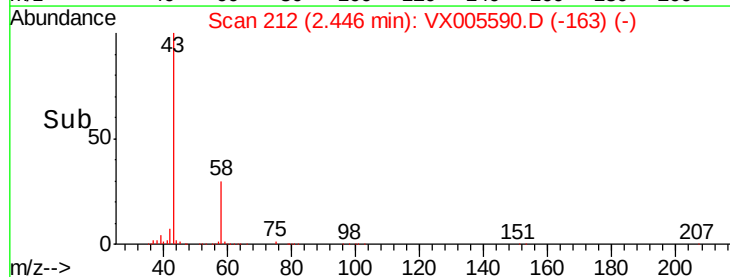
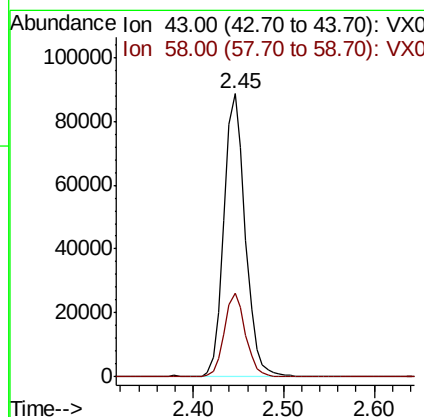
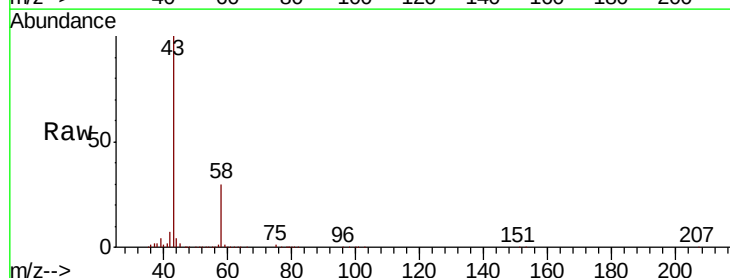
RT: 2.45 min Scan# 212

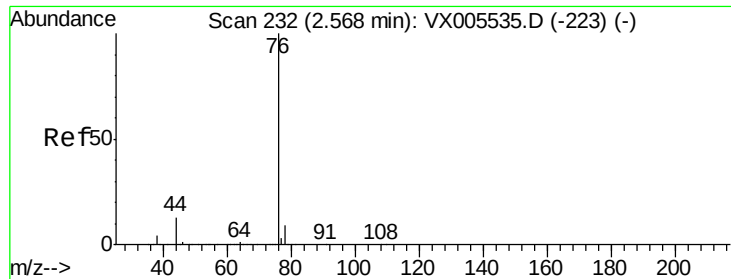
Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion:	43	Resp:	144724
Ion Ratio		Lower	Upper
43	100		
58	29.7	23.8	35.6





#17

Carbon Disulfide

Concen: 21.338 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion: 76 Resp: 129244

Ion Ratio Lower Upper

76 100

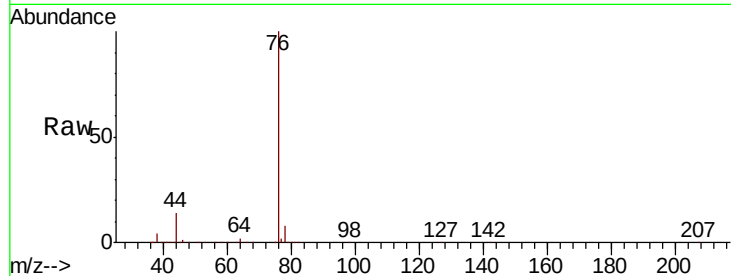
78 8.3 7.3 10.9

Manual Integrations

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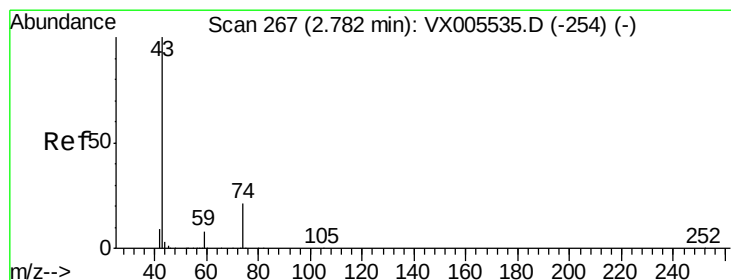
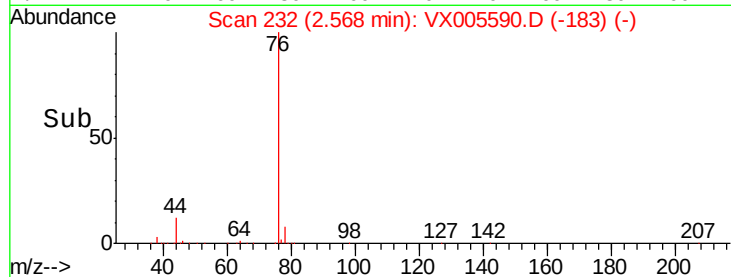
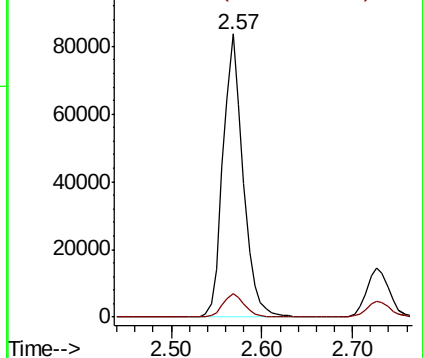
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.153 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005590.D

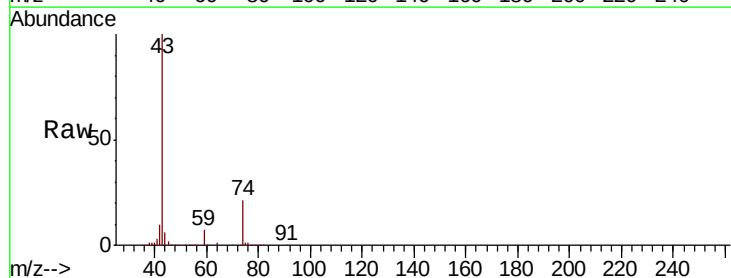
Acq: 25 Oct 2018 15:37

Tgt Ion: 43 Resp: 74192

Ion Ratio Lower Upper

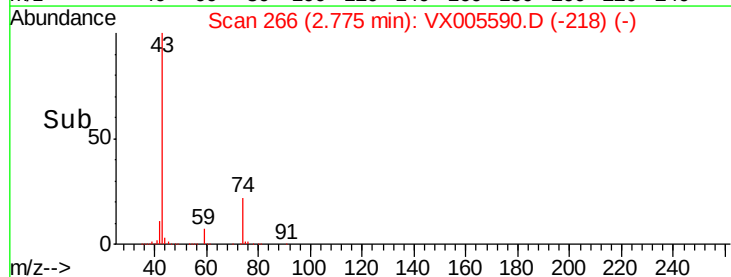
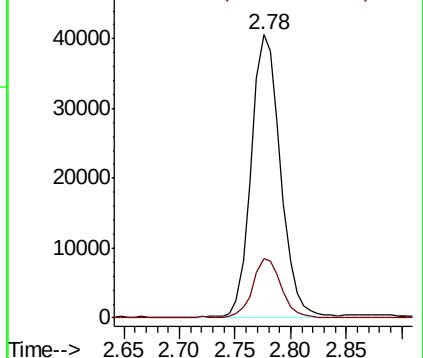
43 100

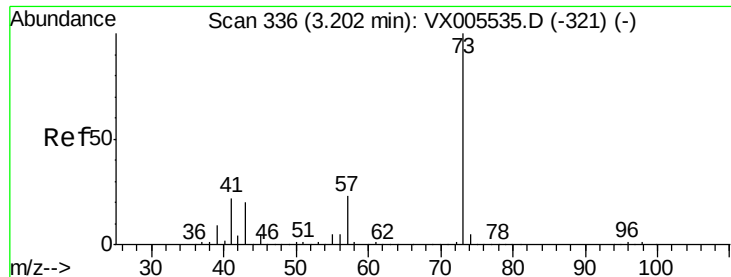
74 20.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





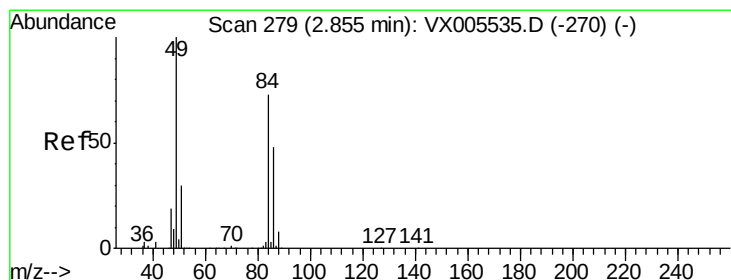
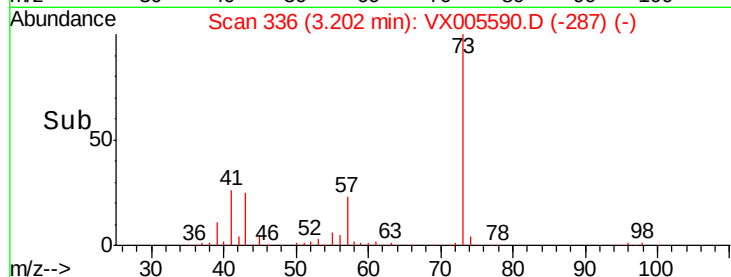
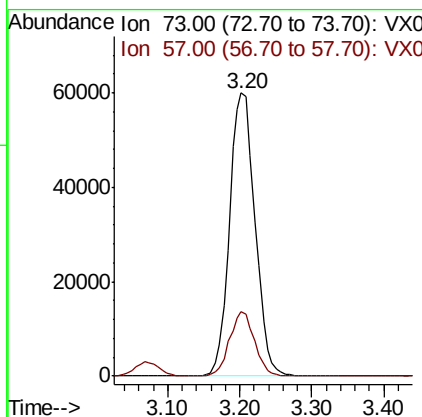
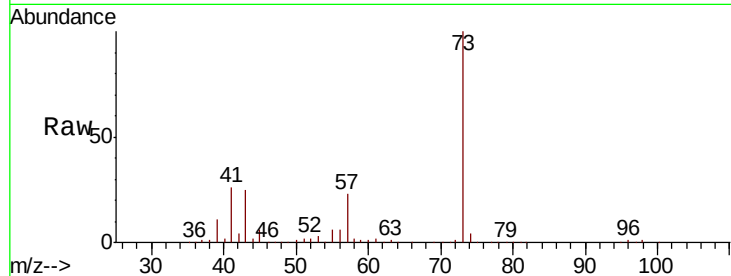
#19
Methyl tert-butyl Ether
Concen: 20.814 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.8	28.2

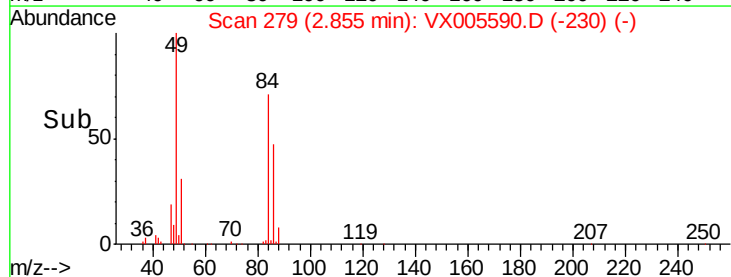
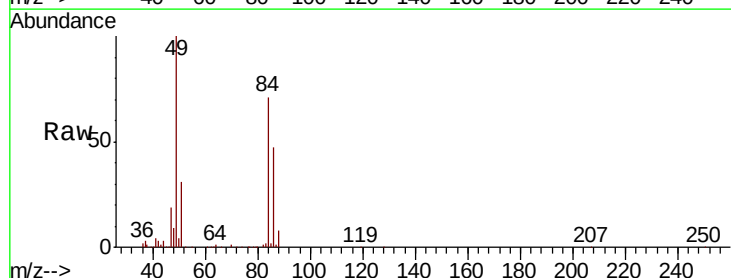
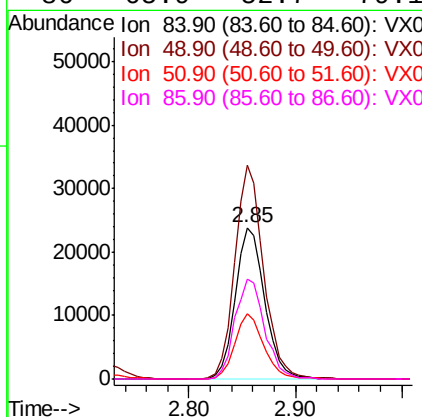
Manual Integrations
APPROVED

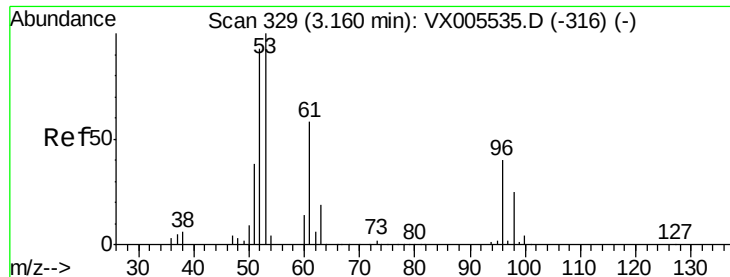
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#20
Methylene Chloride
Concen: 20.255 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.3	109.5	164.3
51	43.5	33.3	49.9
86	65.9	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 19.777 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion: 96 Resp: 42905

Ion Ratio Lower Upper

96 100

61 148.8 115.6 173.4

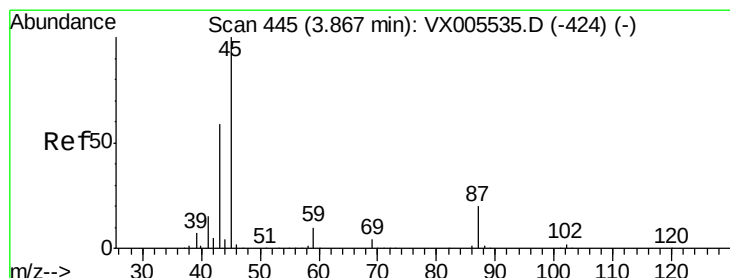
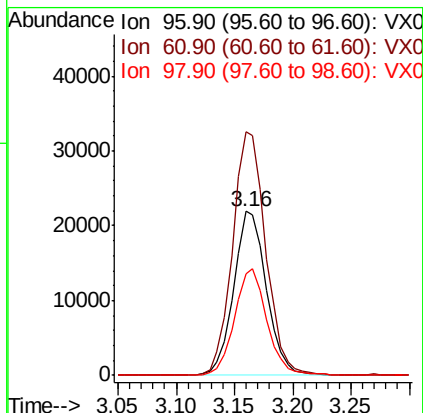
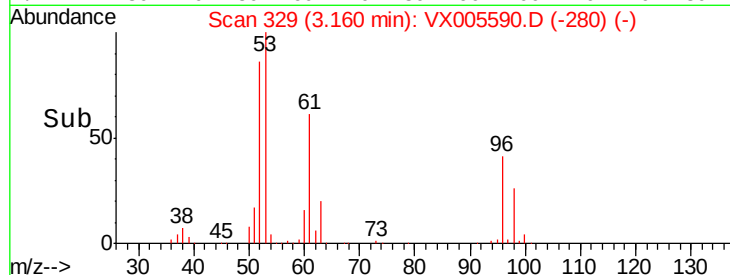
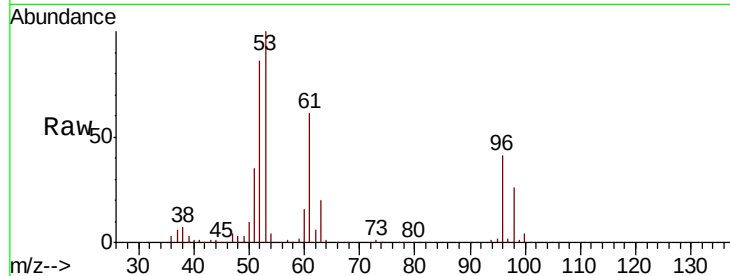
98 62.2 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.572 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion: 45 Resp: 151561

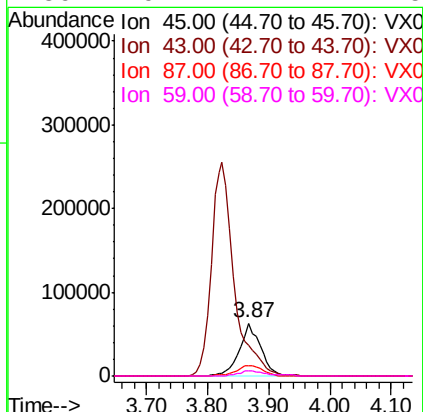
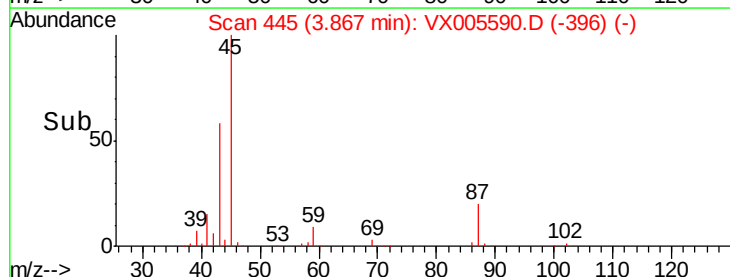
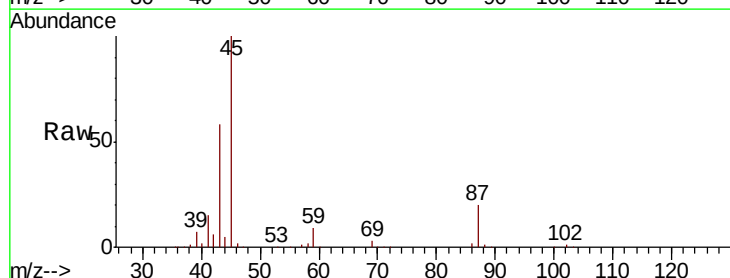
Ion Ratio Lower Upper

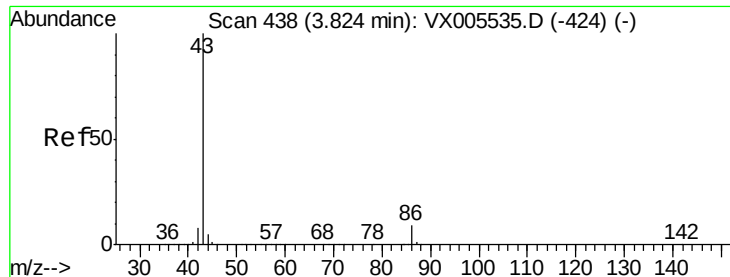
45 100

43 57.7 47.4 71.2

87 20.2 15.9 23.9

59 9.1 7.7 11.5





#23

Vinyl Acetate

Concen: 97.635 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion: 43 Resp: 665876

Ion Ratio Lower Upper

43 100

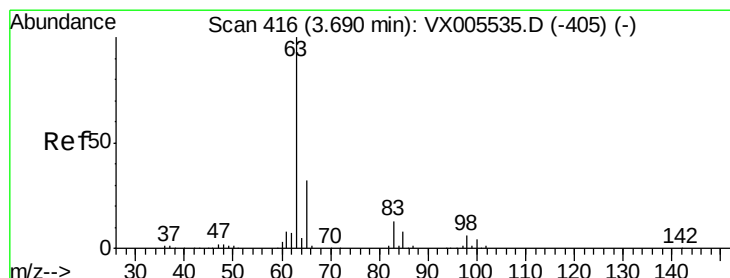
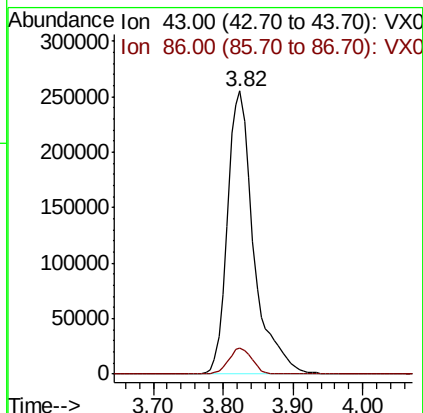
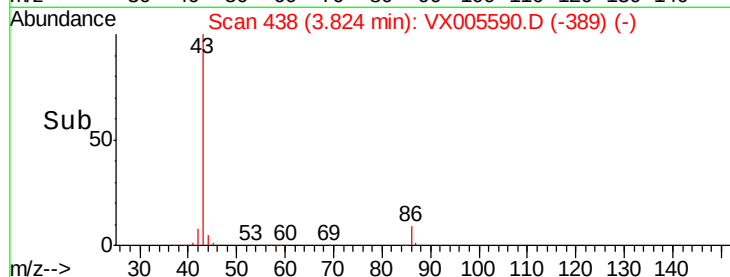
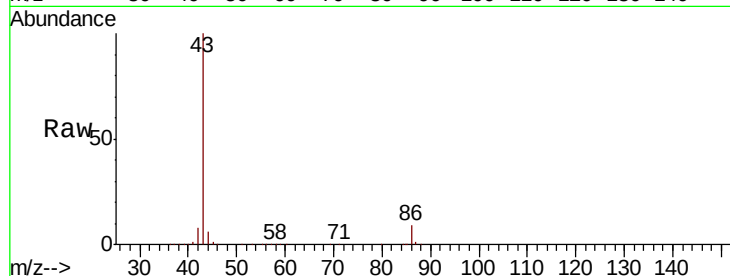
86 9.4 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.335 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

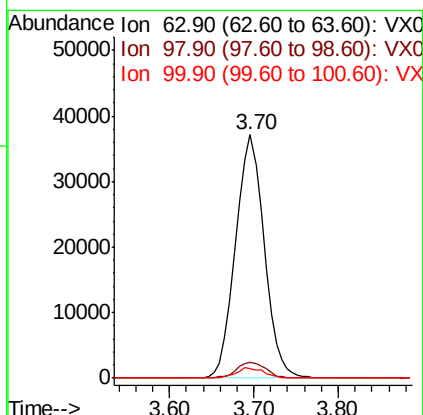
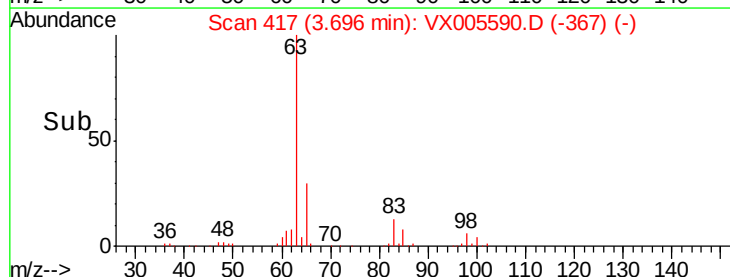
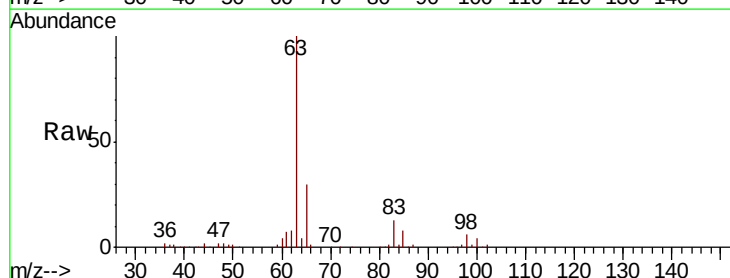
Tgt Ion: 63 Resp: 85615

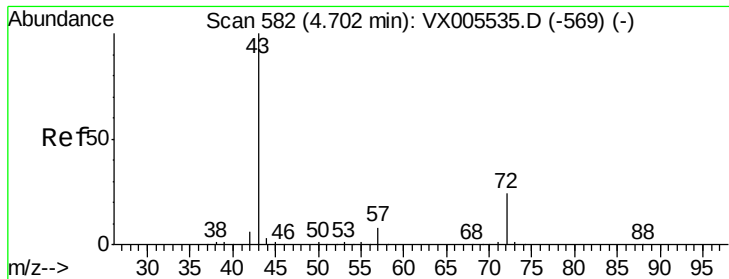
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 3.9 2.1 6.2





#25

2-Butanone

Concen: 103.978 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion: 43 Resp: 216182

Ion Ratio Lower Upper

43 100

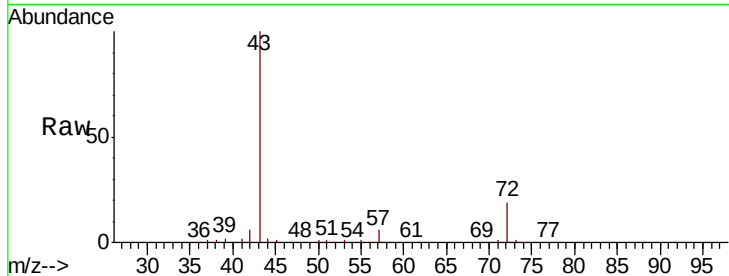
72 19.2 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

100000

80000

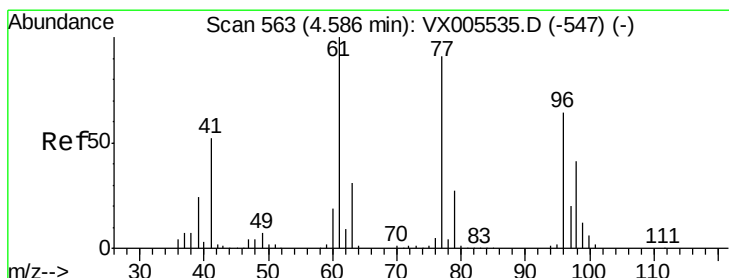
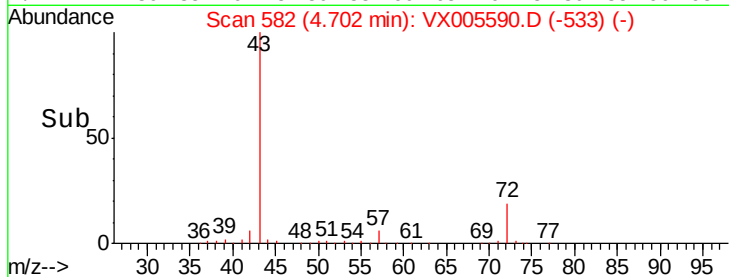
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.310 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005590.D

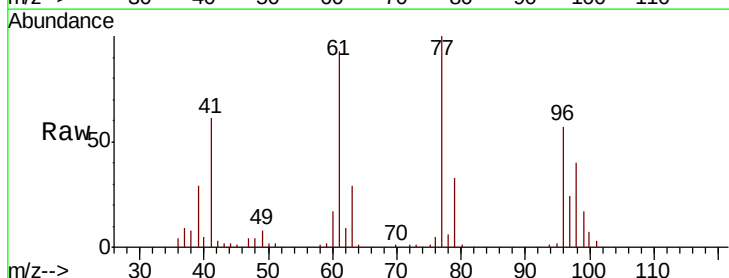
Acq: 25 Oct 2018 15:37

Tgt Ion: 77 Resp: 59516

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

20000

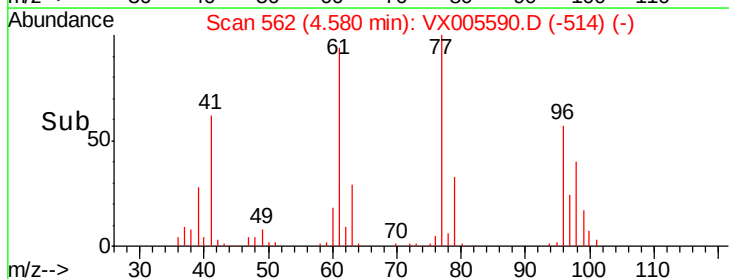
15000

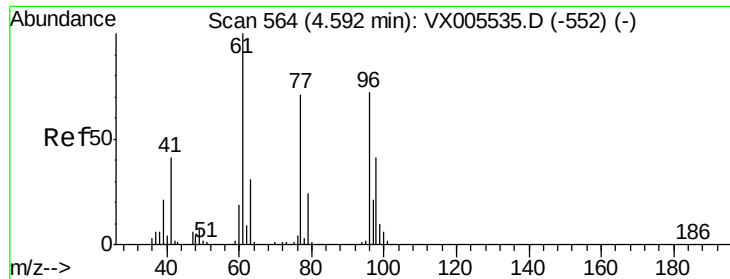
10000

5000

0

Time-->





#27

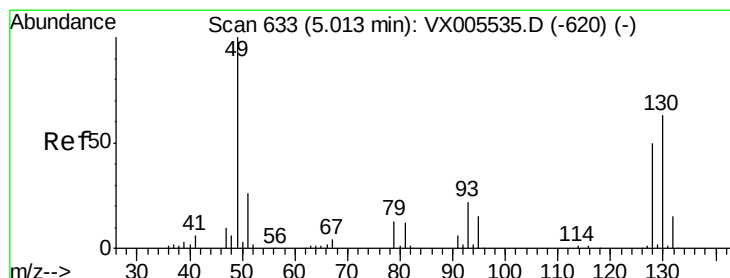
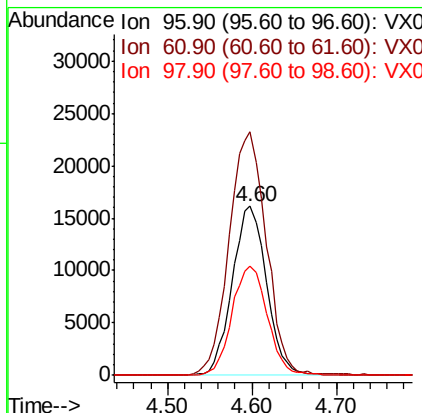
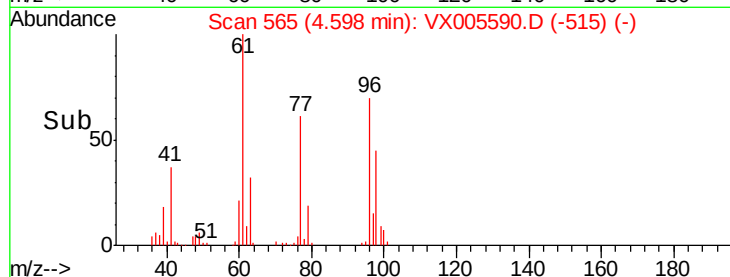
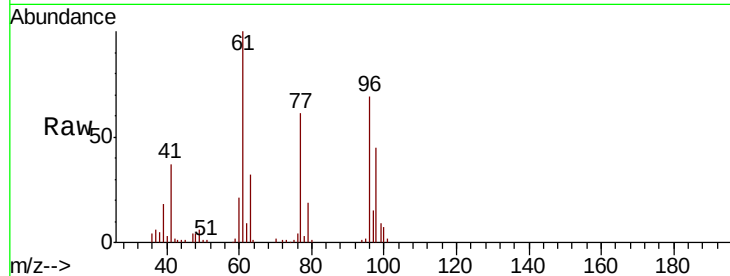
cis-1,2-Dichloroethene
 Concen: 18.995 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	44426		
61	156.3		0.0	304.6
98	66.6		0.0	127.4

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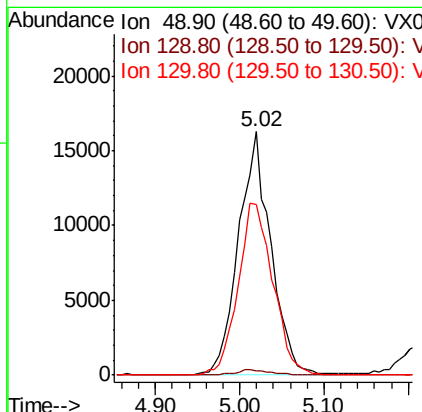
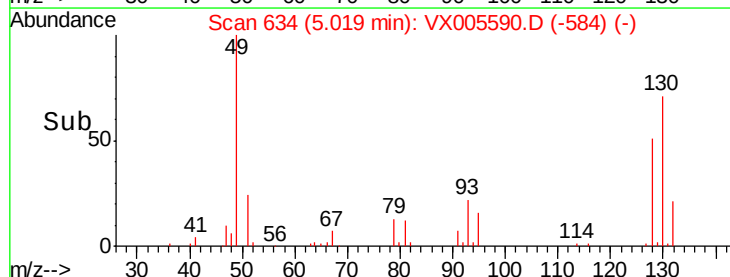
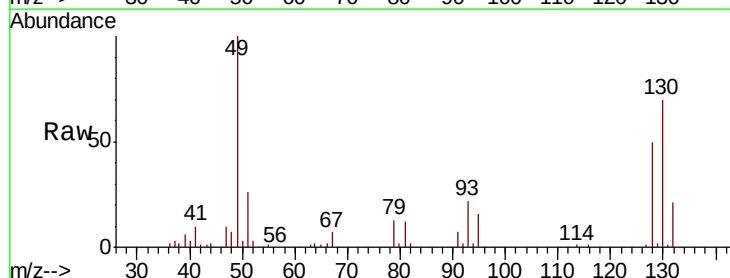
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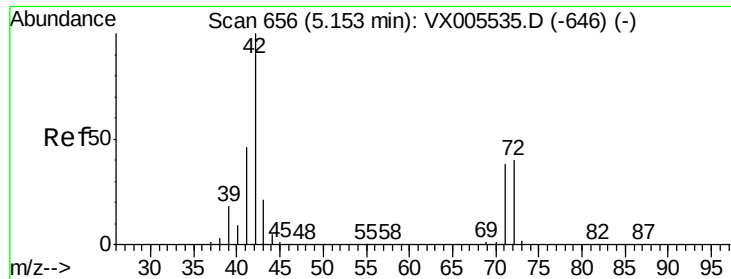


#28

Bromochloromethane
 Concen: 20.710 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42172		
129	2.2		0.0	4.0
130	76.0		58.9	88.3





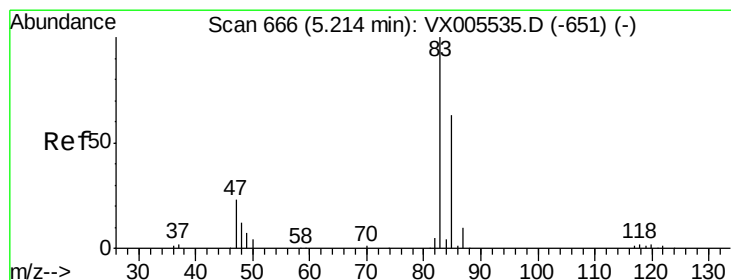
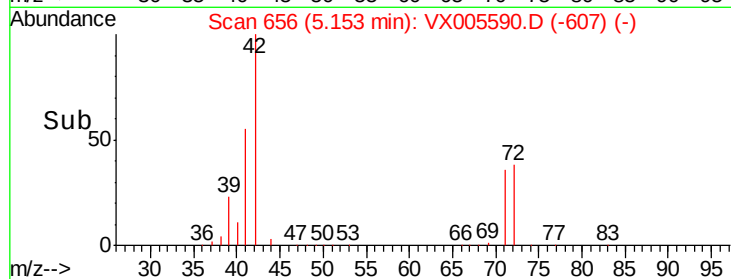
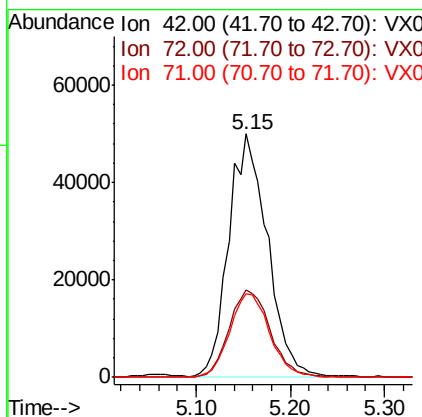
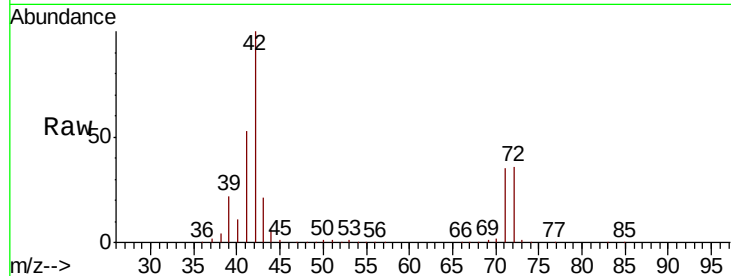
#29
Tetrahydrofuran
Concen: 105.207 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	32.0	48.0
71	35.9	29.8	44.8

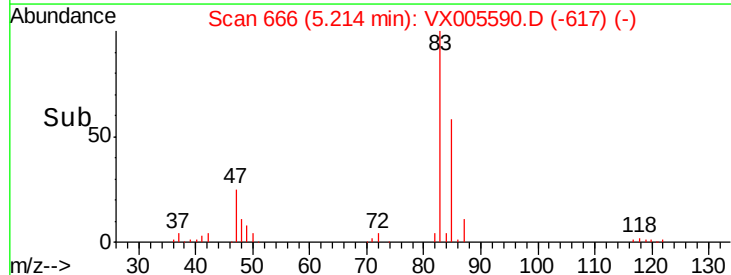
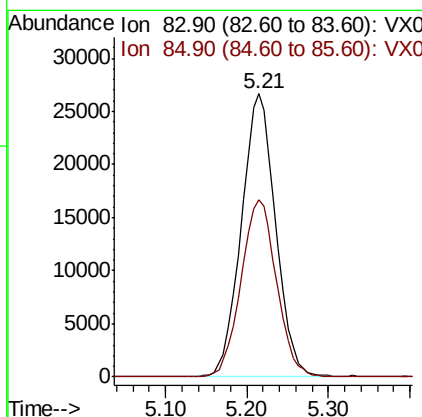
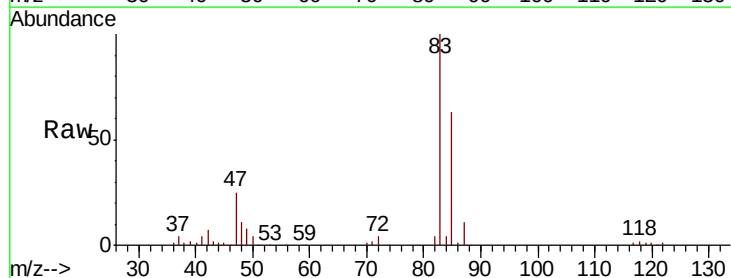
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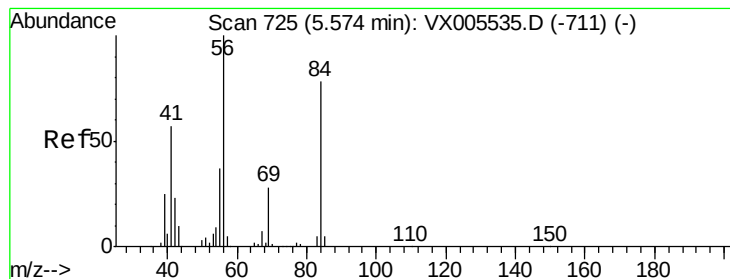
MMDadoda
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#30
Chloroform
Concen: 19.737 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	76.0





#31

Cyclohexane

Concen: 20.183 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

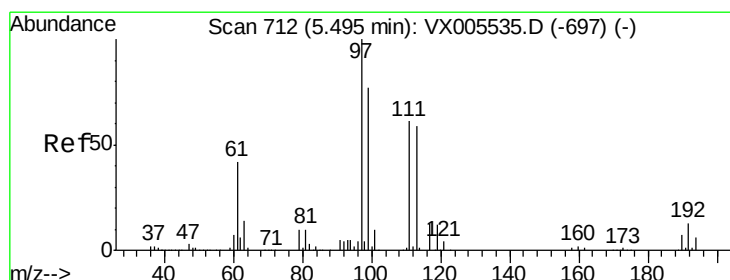
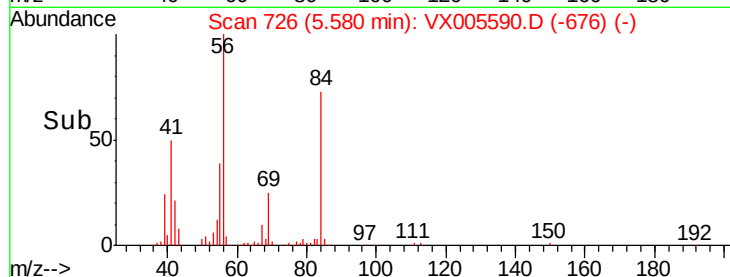
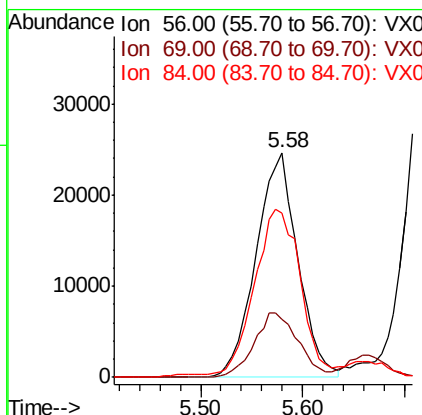
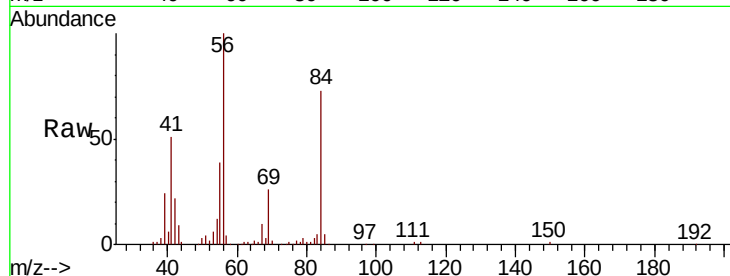
ClientSampleID :

VX1025WBSD01

Tot Ion:	56	Resp:	70307
Ion	Ratio	Lower	Upper
56	100		
69	25.6	22.6	34.0
84	71.6	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 19.933 ug/l

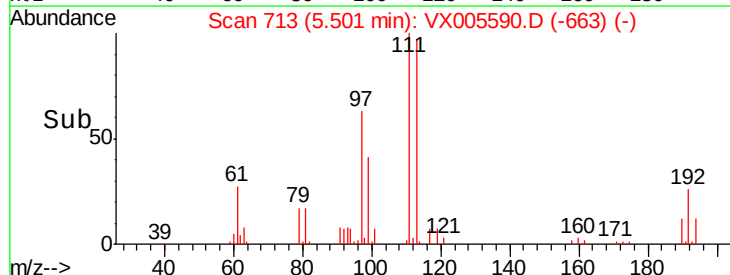
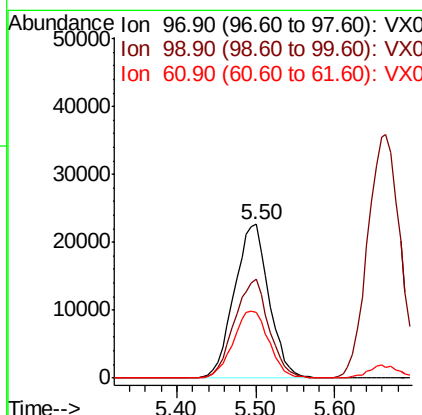
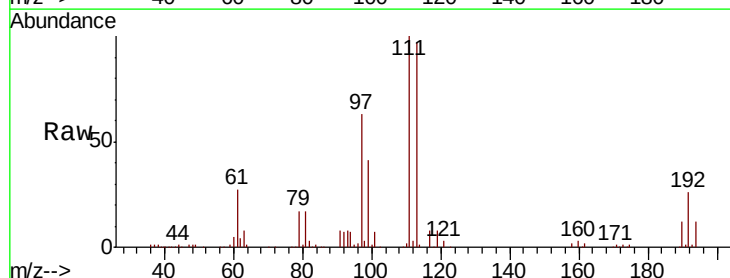
RT: 5.50 min Scan# 713

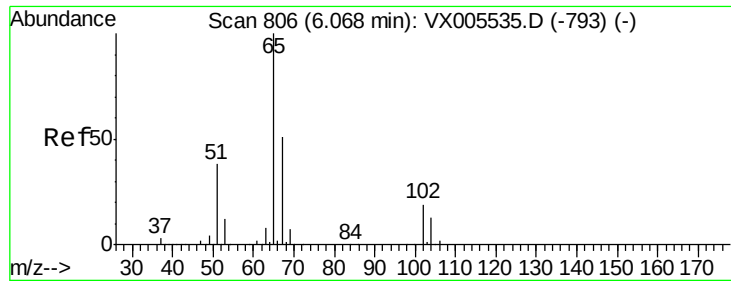
Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion:	97	Resp:	69286
Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.3	78.5
61	45.0	35.2	52.8





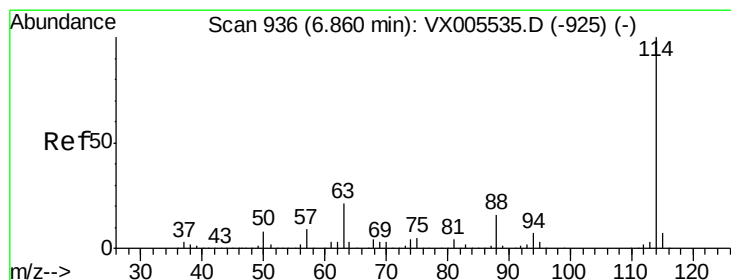
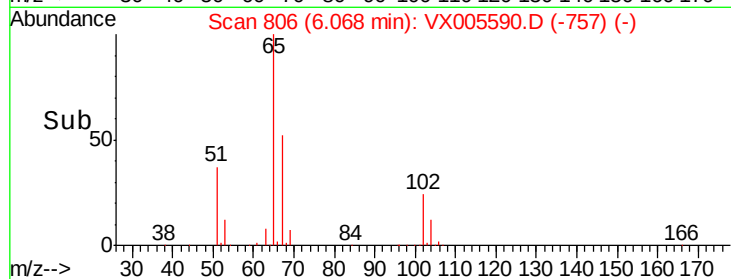
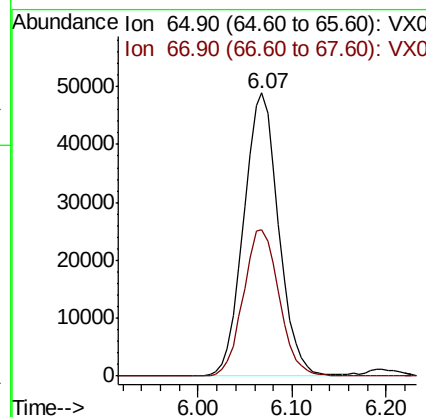
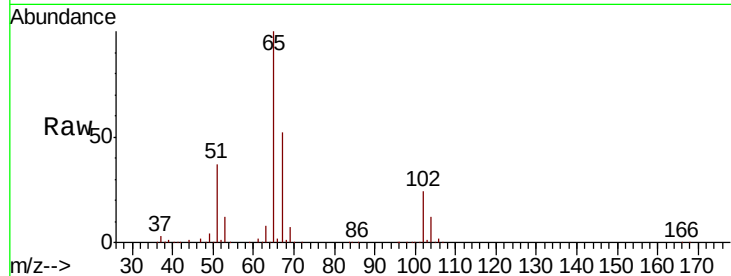
#33
 1,2-Dichloroethane-d4
 Concen: 49.103 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0

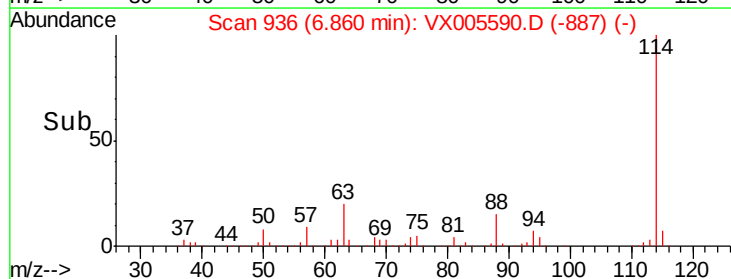
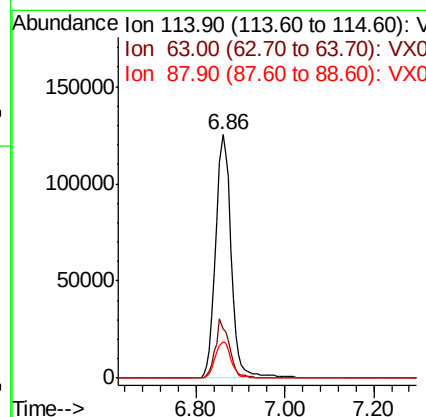
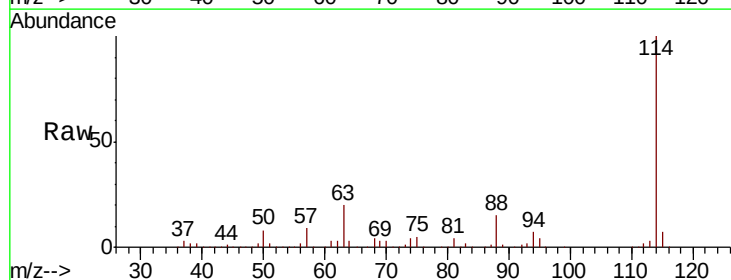
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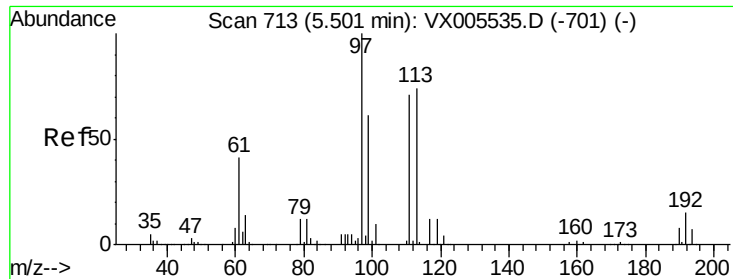
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.8
88	15.0	0.0	31.2





#35

Dibromofluoromethane

Concen: 48.430 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

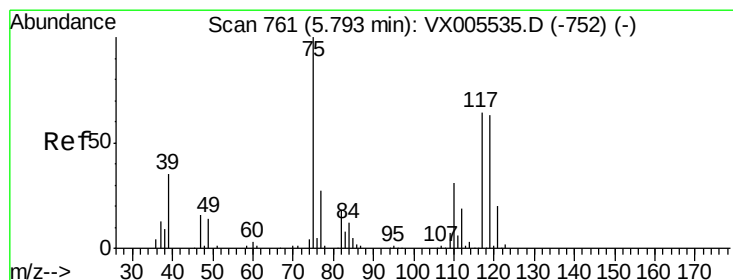
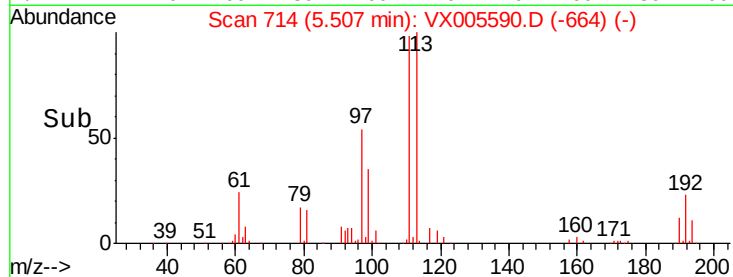
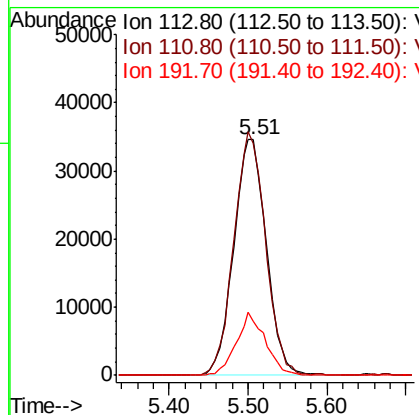
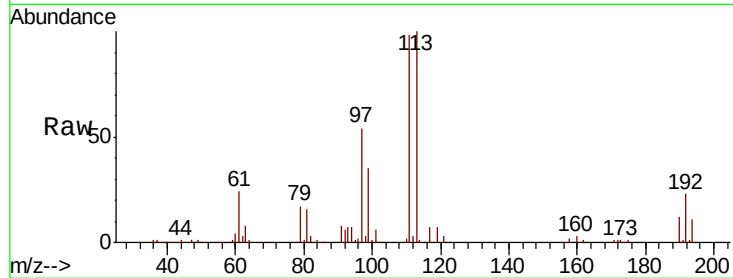
ClientSampleId :

VX1025WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	99688		
111	100.4	82.3	123.5	
192	23.5	17.9	26.9	

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#36

1,1-Dichloropropene

Concen: 19.342 ug/l

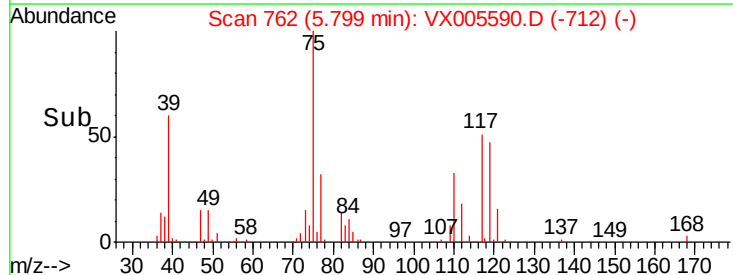
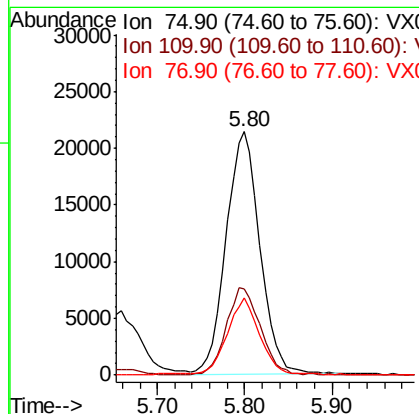
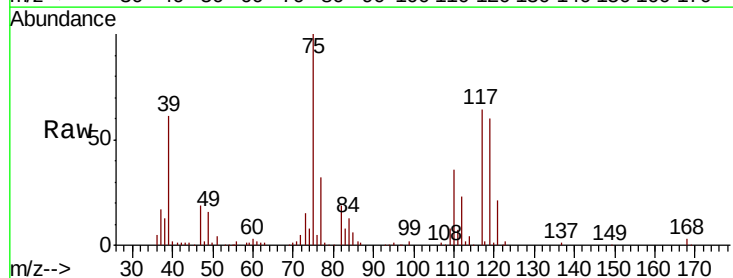
RT: 5.80 min Scan# 762

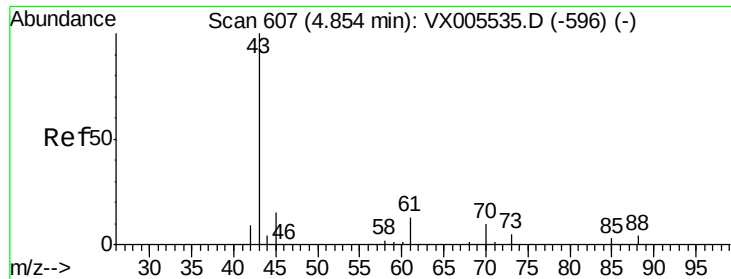
Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57061		
110	36.6	17.4	52.2	
77	31.3	25.8	38.6	





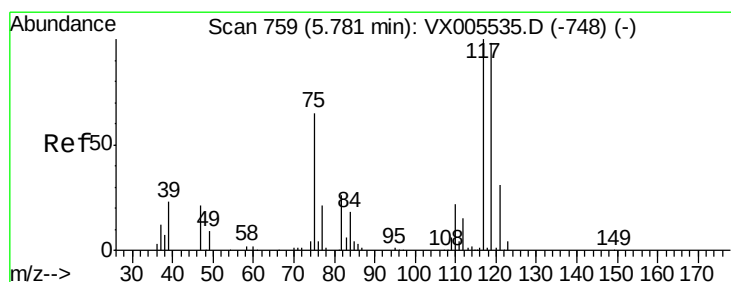
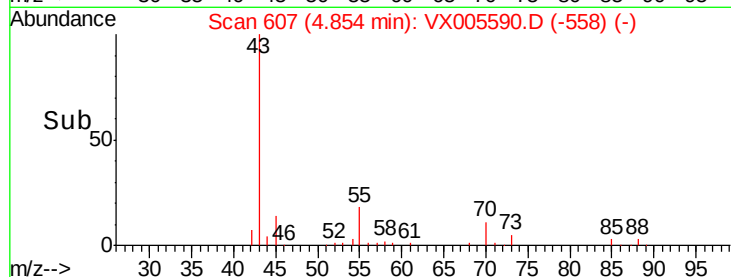
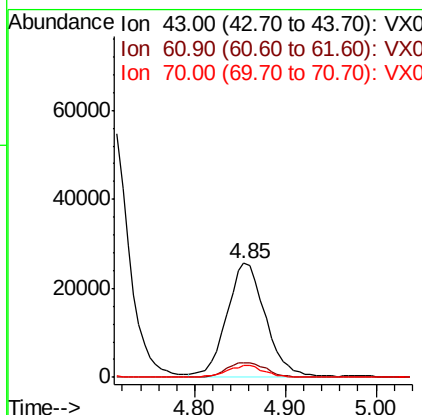
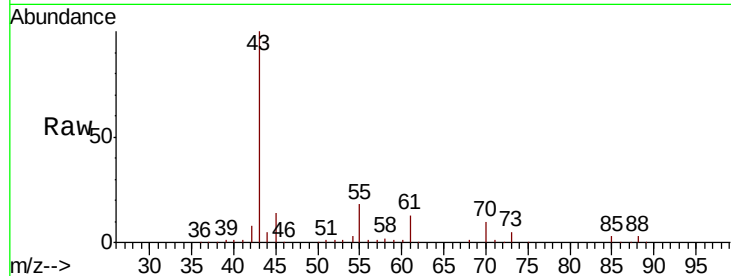
#37
Ethyl Acetate
Concen: 19.952 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.3	7.8	11.8

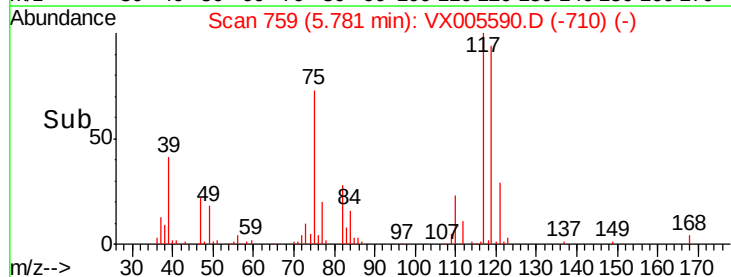
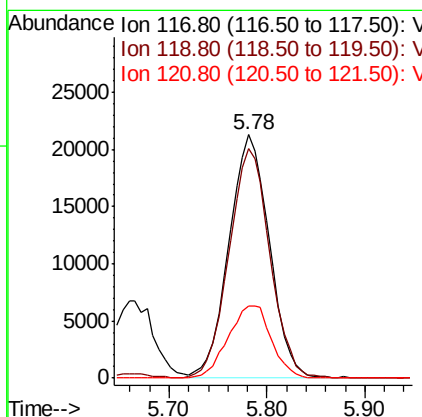
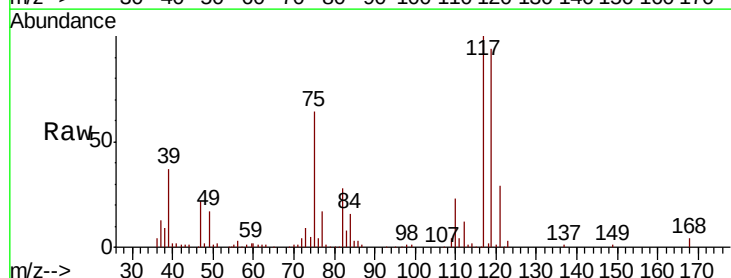
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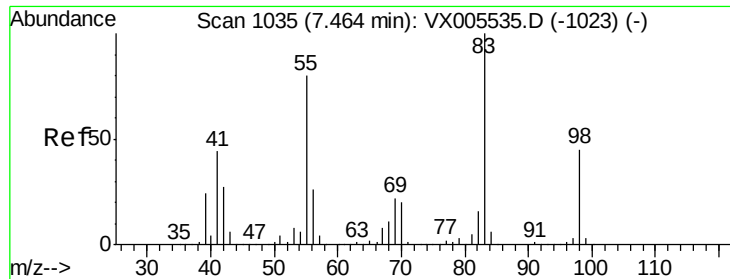
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#38
Carbon Tetrachloride
Concen: 19.485 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.1	117.1
121	29.6	24.6	36.8





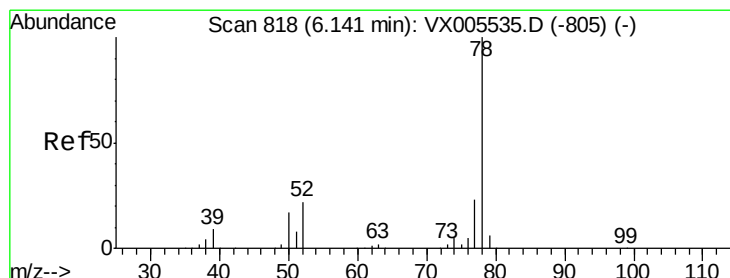
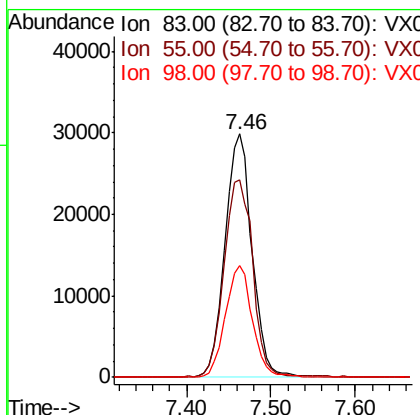
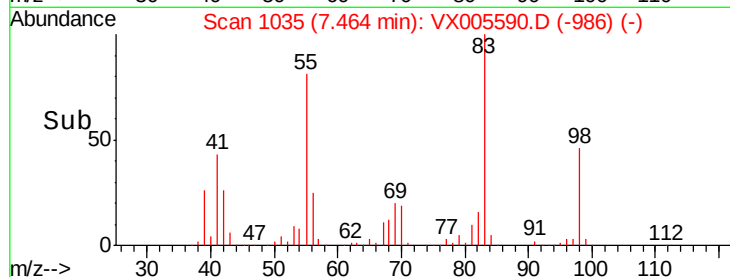
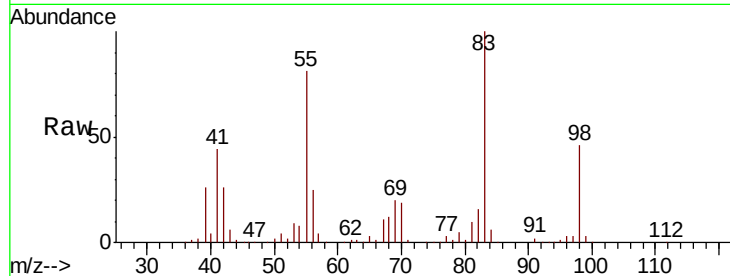
#39
Methylvlcyclohexane
Concen: 20.175 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion	83	Resp	65724
Ion Ratio	100	Lower	Upper
83	100		
55	81.0	63.7	95.5
98	45.9	36.2	54.2

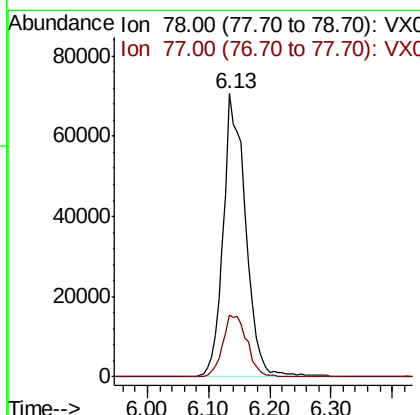
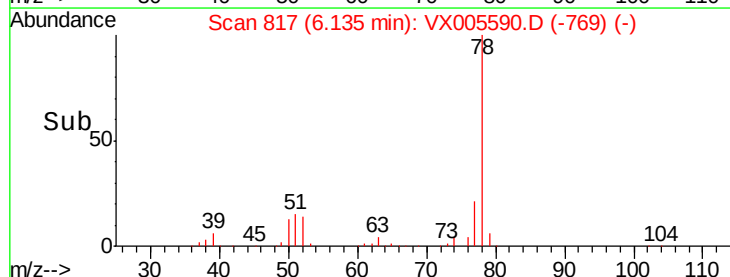
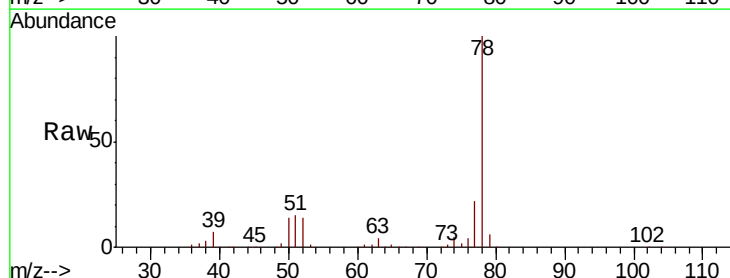
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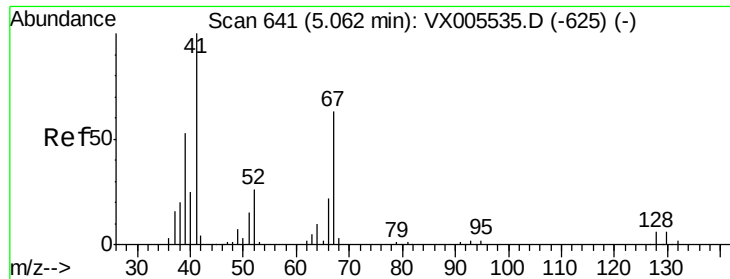
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#40
Benzene
Concen: 21.168 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion	78	Resp	179019
Ion Ratio	100	Lower	Upper
78	100		
77	21.7	18.4	27.6





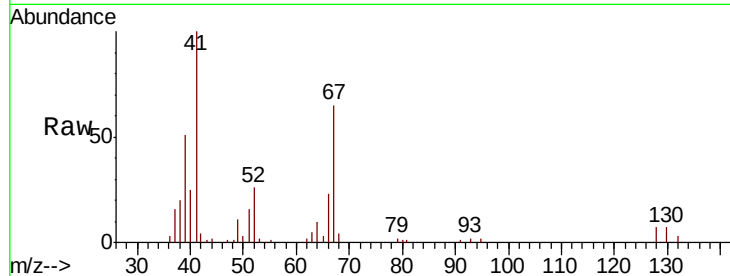
#41
Methacrylonitrile
Concen: 19.318 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	42.2	63.2	
67	71.4	53.4	80.0	
52	28.8	23.4	35.2	

Manual Integrations
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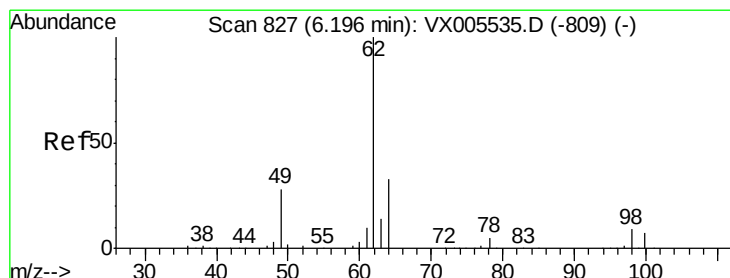
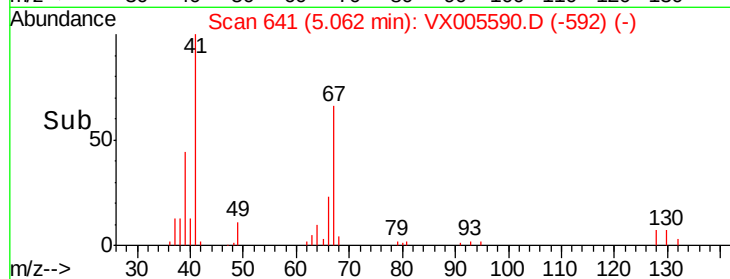
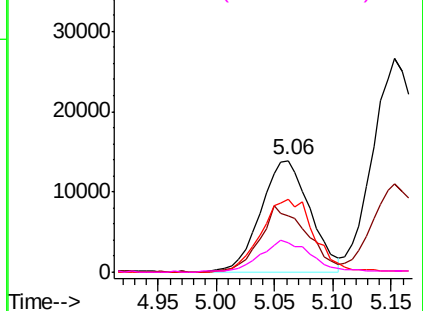
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

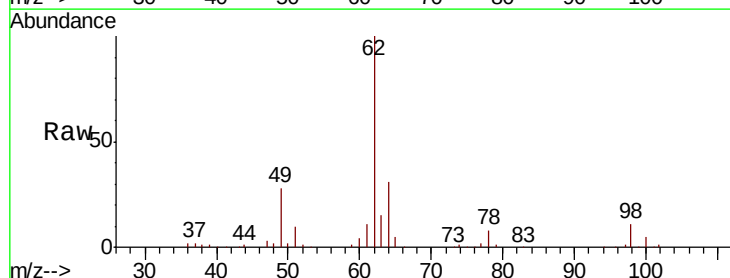
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.462 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

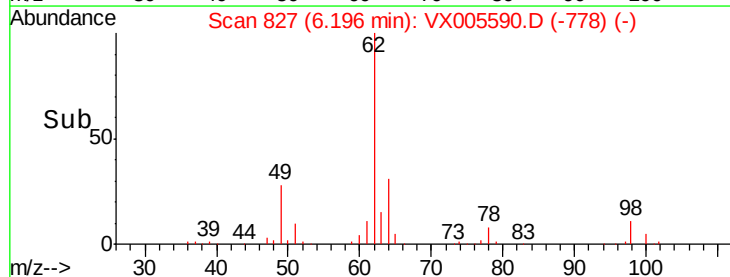
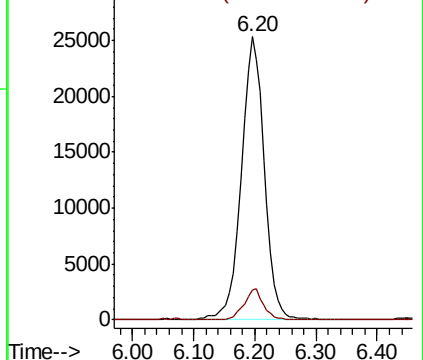
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	17.8	

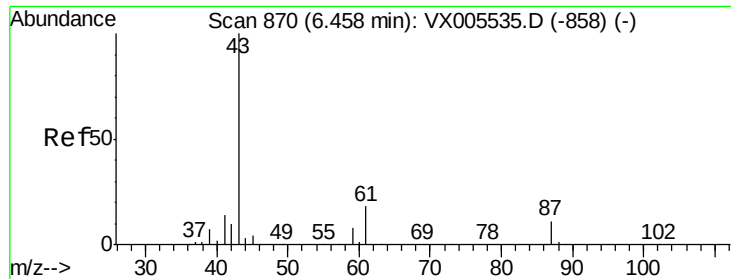


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.228 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

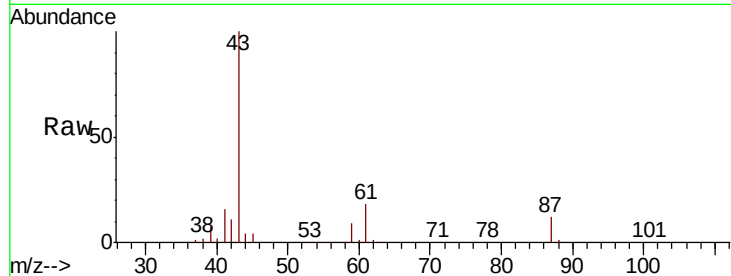
ClientSampleId :

VX1025WBSD01

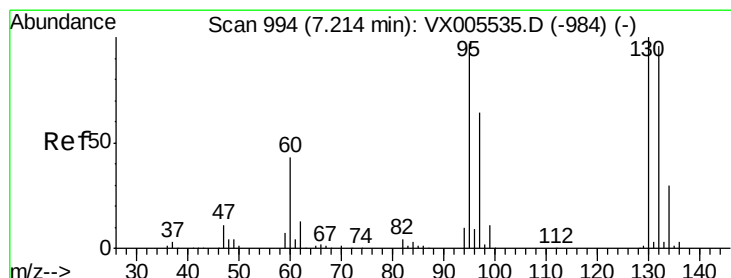
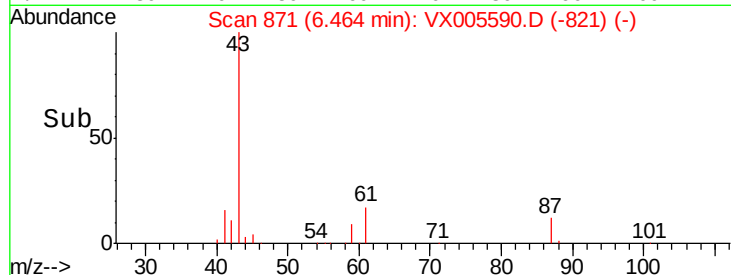
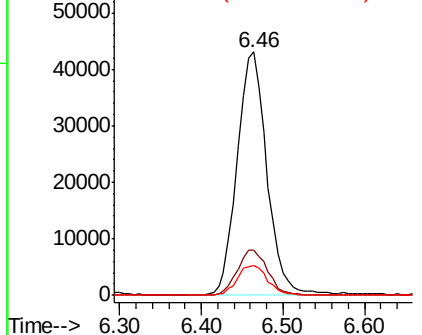
Tot Ion:	43	Resp:	108473
Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.6	22.0
87	12.7	9.6	14.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.183 ug/l

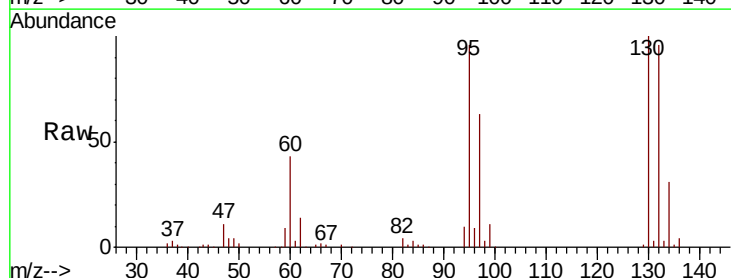
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

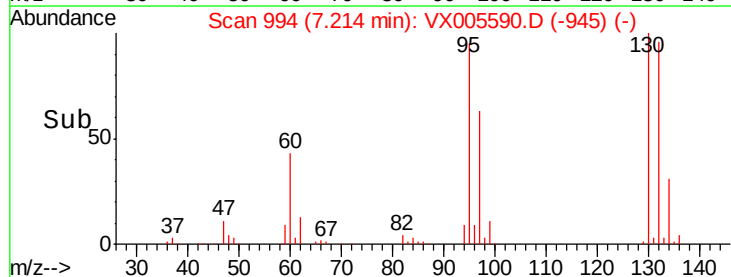
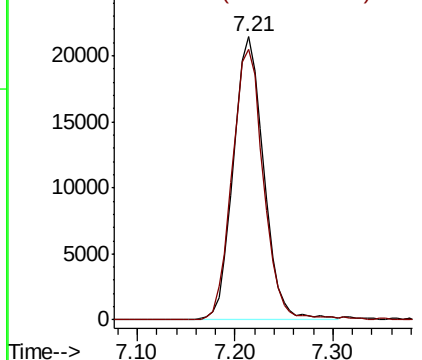
Lab File: VX005590.D

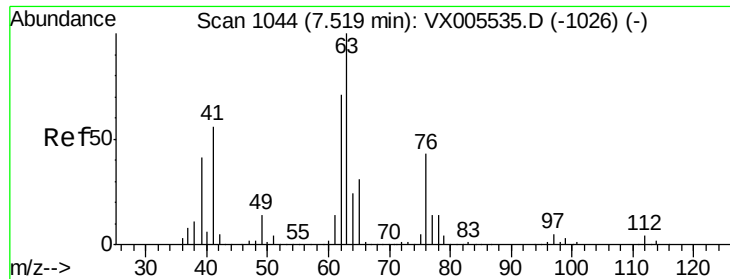
Acq: 25 Oct 2018 15:37

Tgt Ion:	130	Resp:	46499
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	194.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





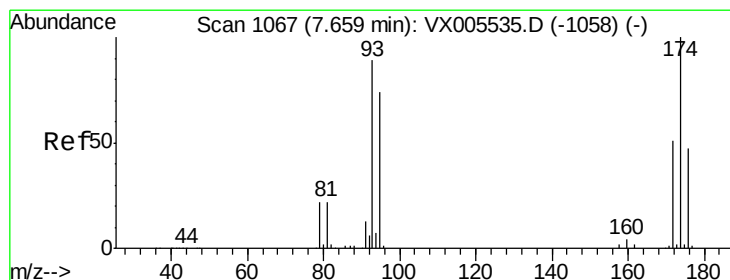
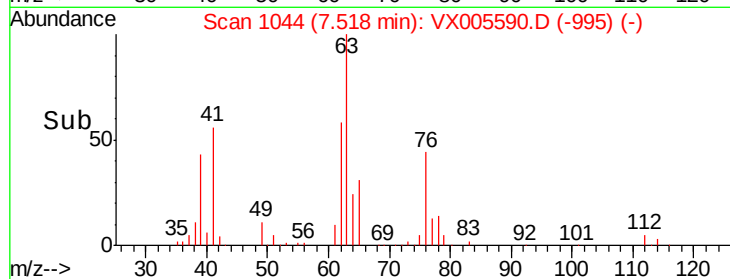
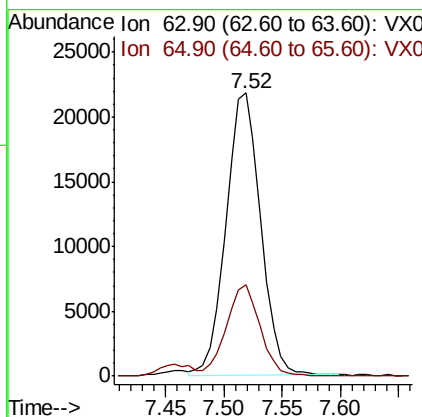
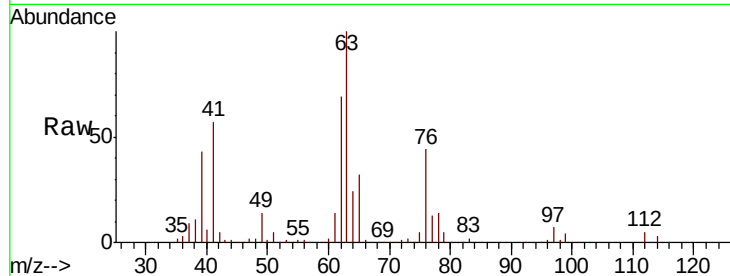
#45
 1,2-Dichloropropane
 Concen: 19.795 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion: 63 Resp: 45008
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2

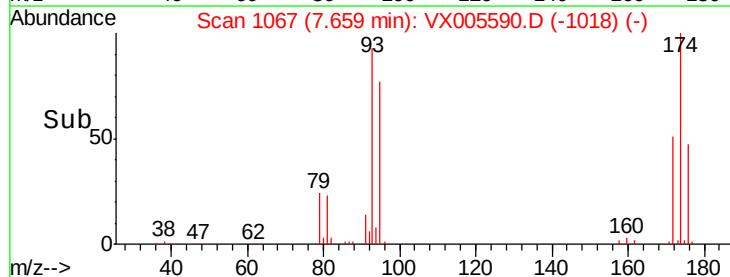
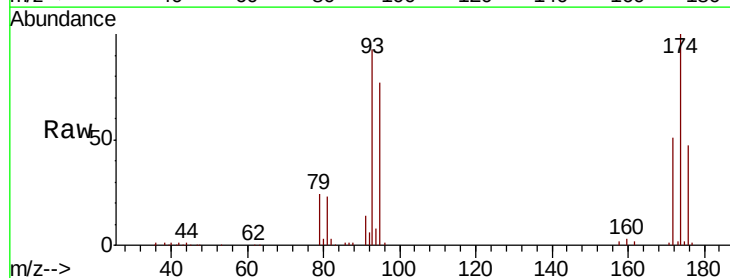
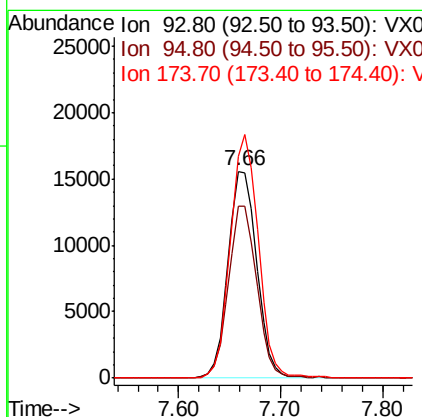
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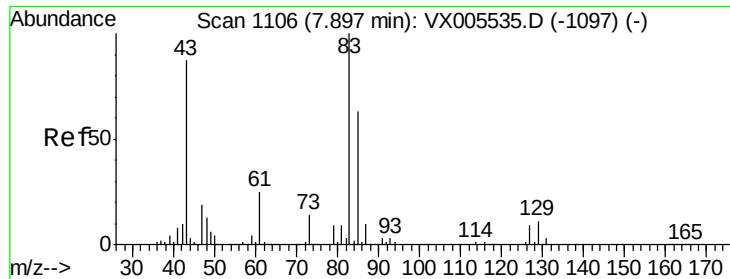
MMDadoda
 10/26/2018 10:02:54 AM



#46
 Dibromomethane
 Concen: 20.739 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 93 Resp: 30454
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.4 101.0
 174 114.3 91.5 137.3





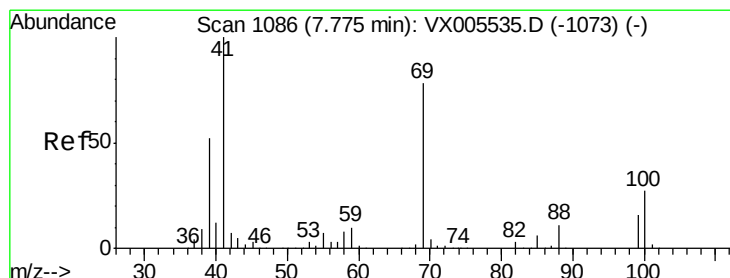
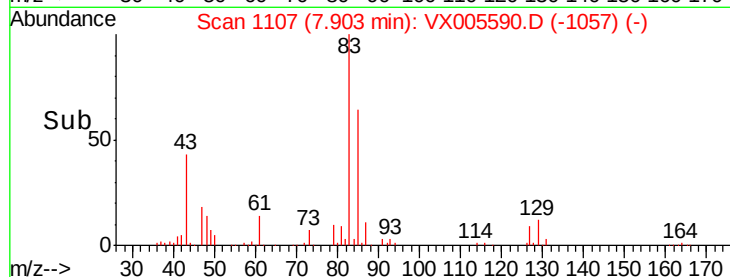
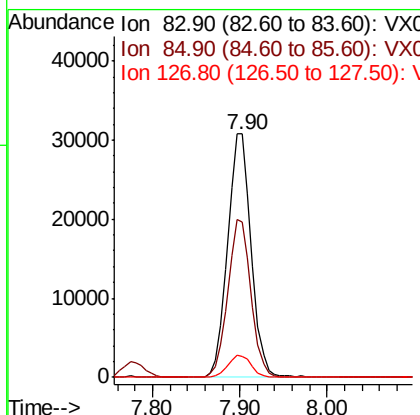
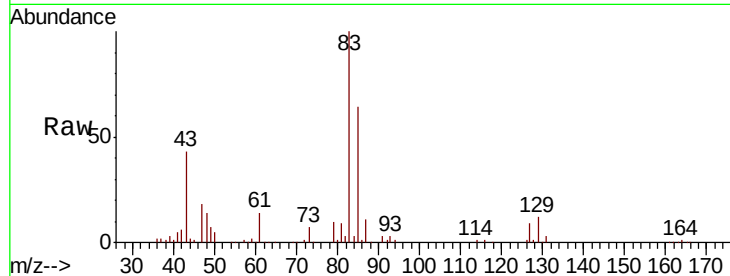
#47
 Bromodichloromethane
 Concen: 20.218 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	83	Resp	57623
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.2	75.4
127	8.7	6.9	10.3

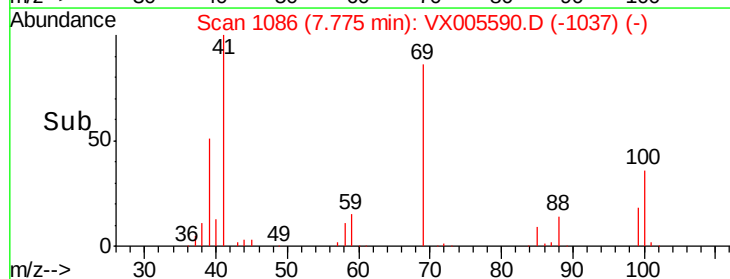
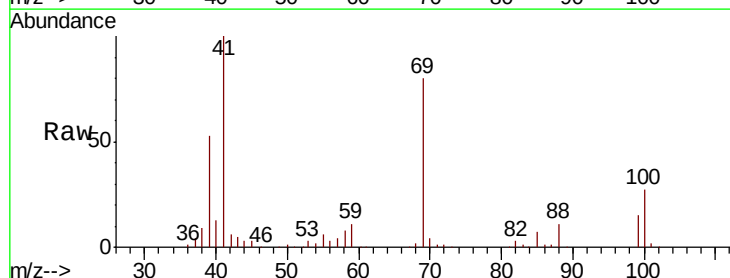
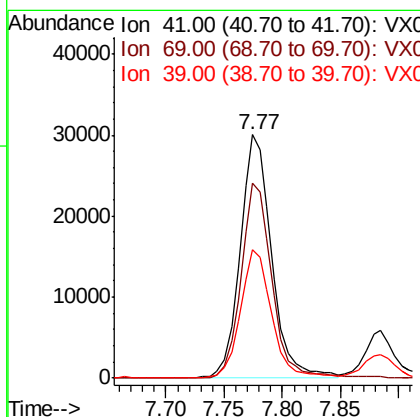
Manual Integrations
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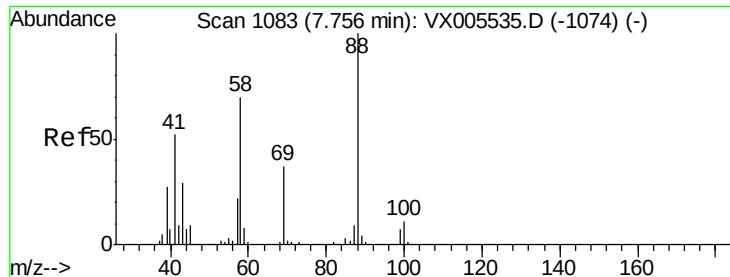
MMDadoda
 10/26/2018 10:02:54 AM



#48
 Methyl methacrylate
 Concen: 20.544 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	41	Resp	56459
Ion Ratio	Lower	Upper	
41	100		
69	79.0	63.2	94.8
39	52.6	42.2	63.2





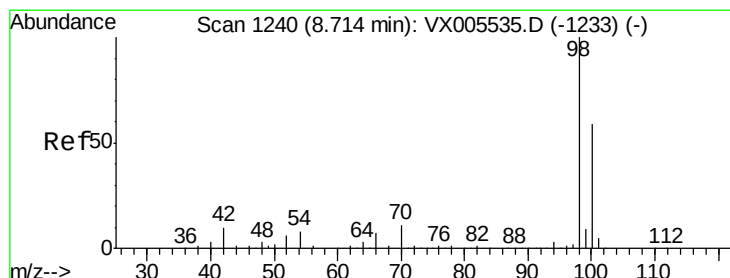
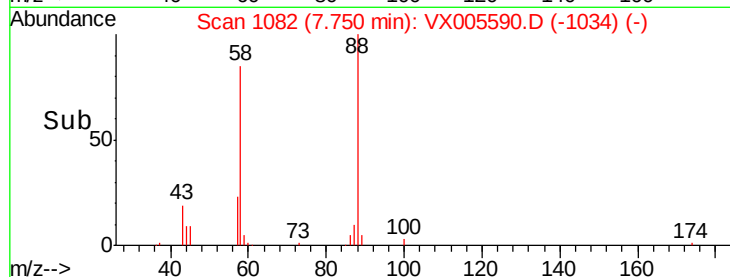
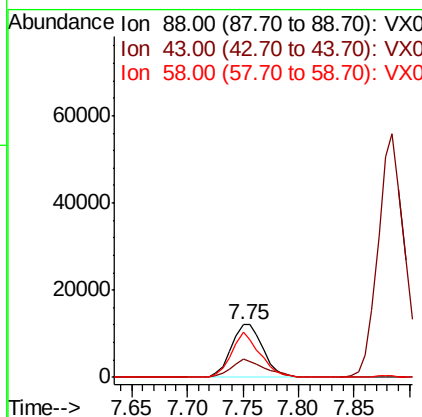
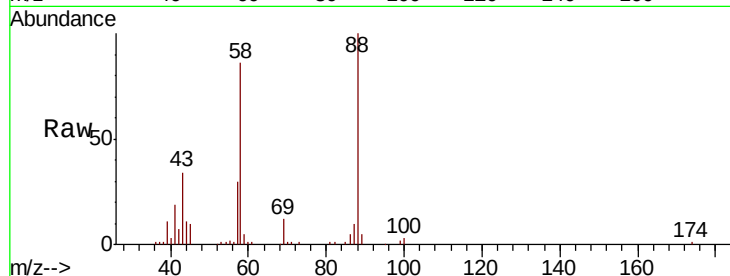
#49
1,4-Dioxane
Concen: 402.190 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.4	41.0
58	77.7	59.4	89.2

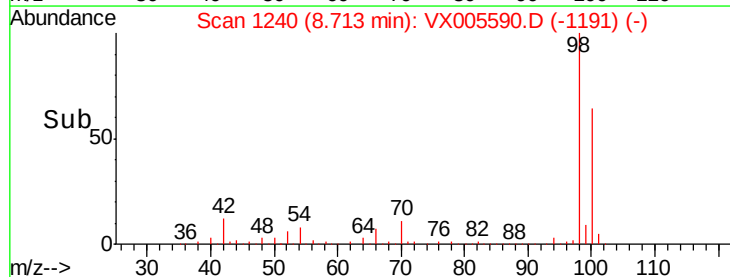
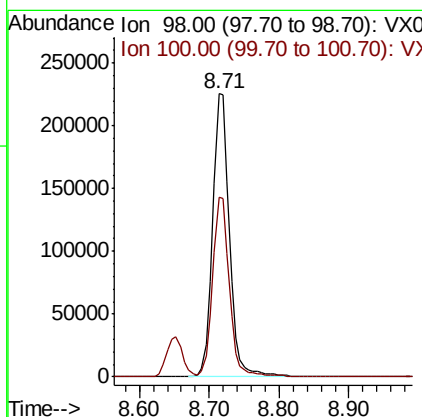
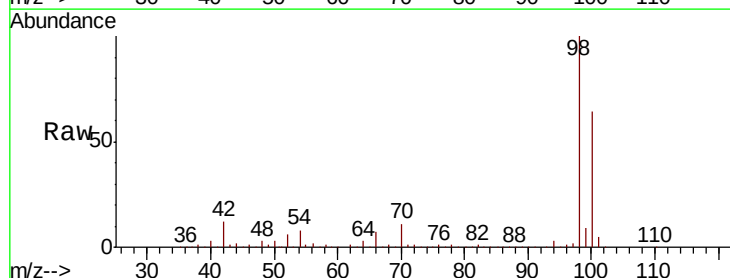
Manual Integrations
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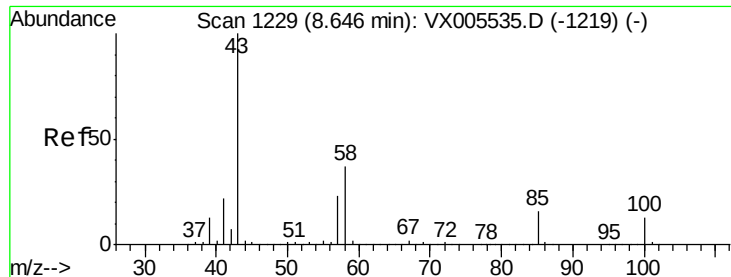
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#50
Toluene-d8
Concen: 50.850 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 103.052 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion: 43 Resp: 390707

Ion Ratio Lower Upper

43 100

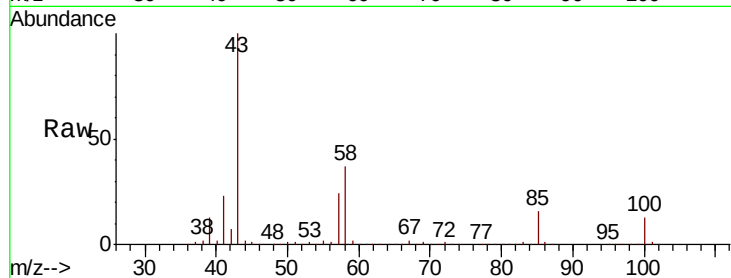
58 36.5 29.7 44.5

Manual Integrations

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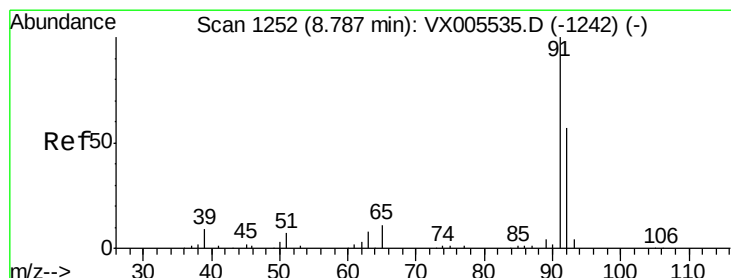
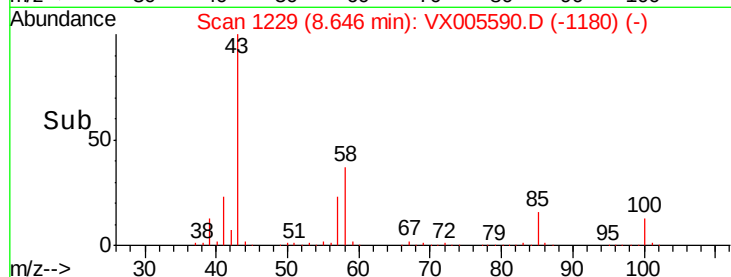
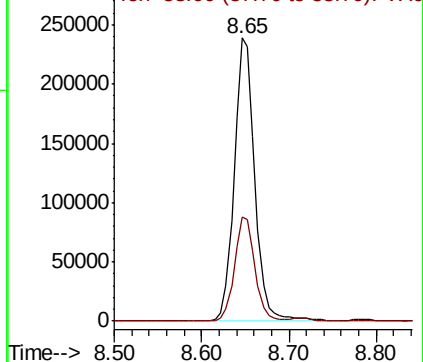
MMDadoda

10/26/2018 10:02:54 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.859 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005590.D

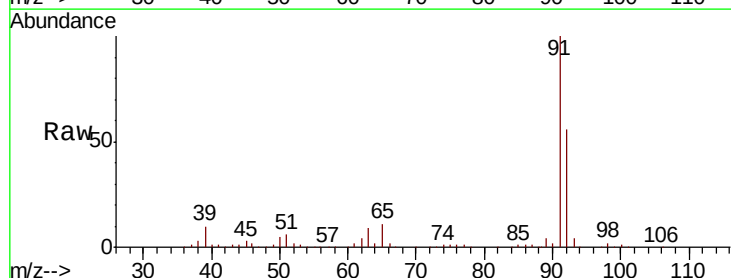
Acq: 25 Oct 2018 15:37

Tgt Ion: 92 Resp: 107207

Ion Ratio Lower Upper

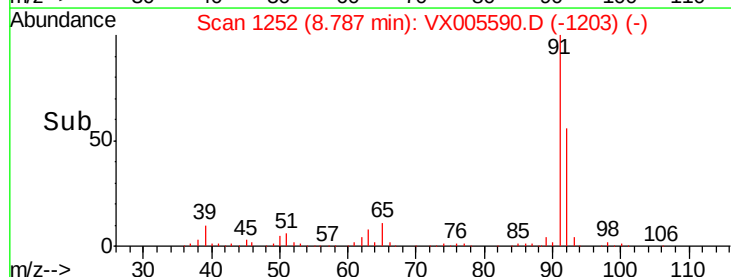
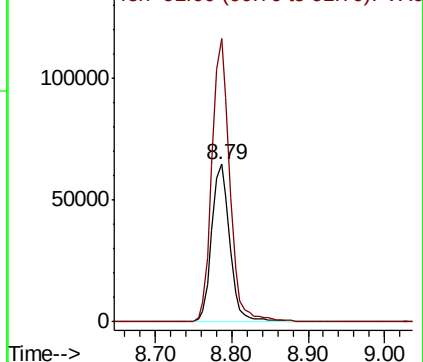
92 100

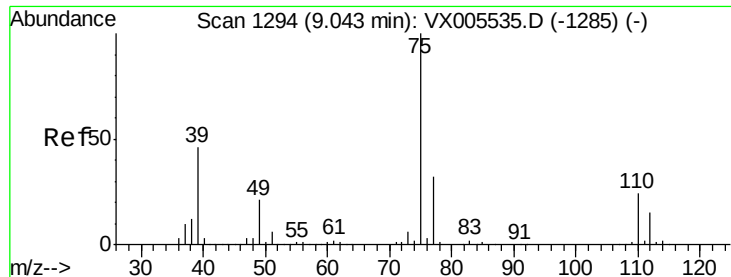
91 176.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





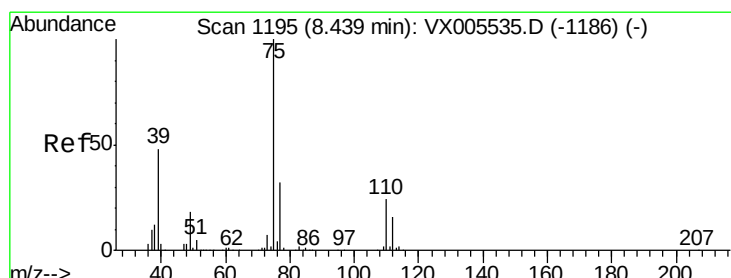
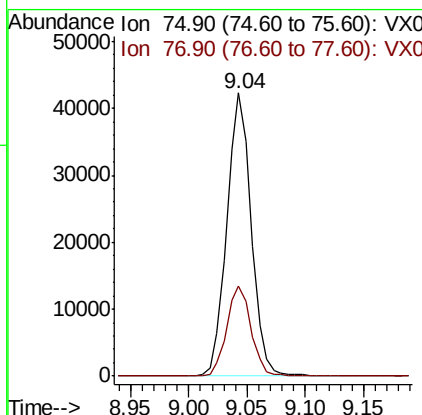
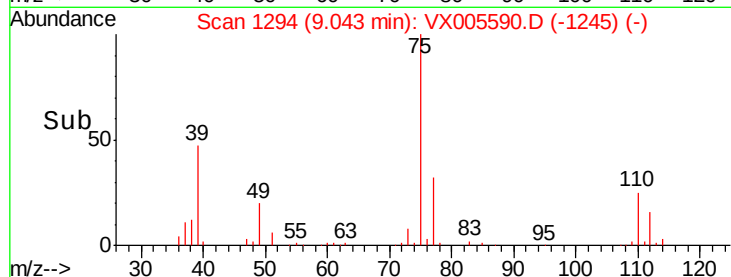
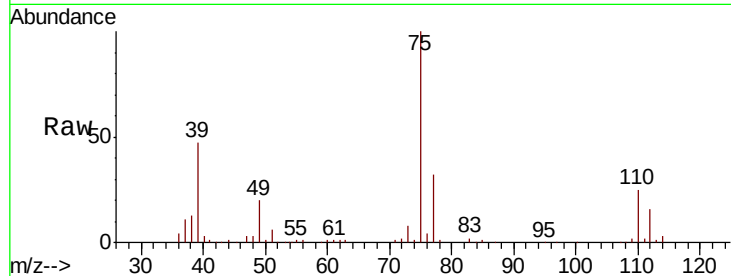
#53
 t-1,3-Dichloropropene
 Concen: 19.993 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion: 75 Resp: 61586
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2

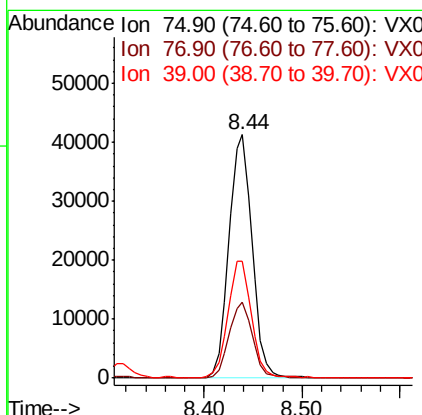
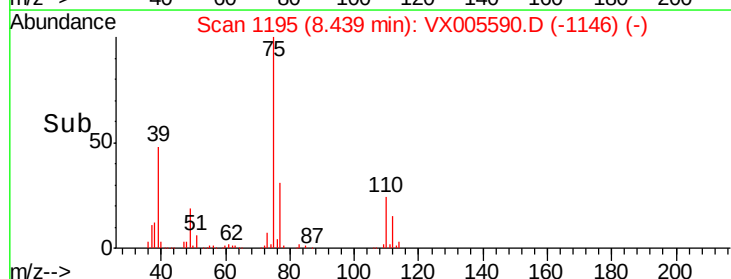
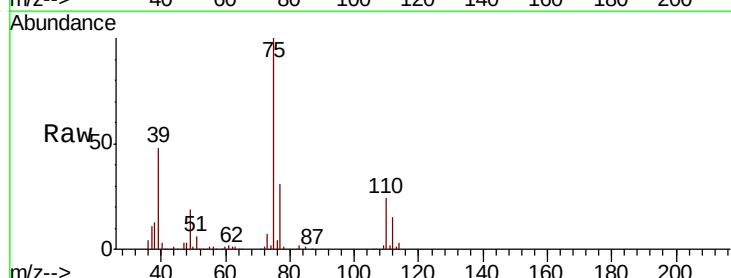
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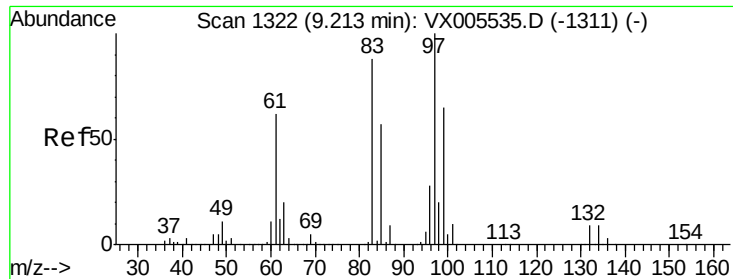
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#54
 cis-1,3-Dichloropropene
 Concen: 20.557 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 75 Resp: 68174
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 47.9 38.2 57.2





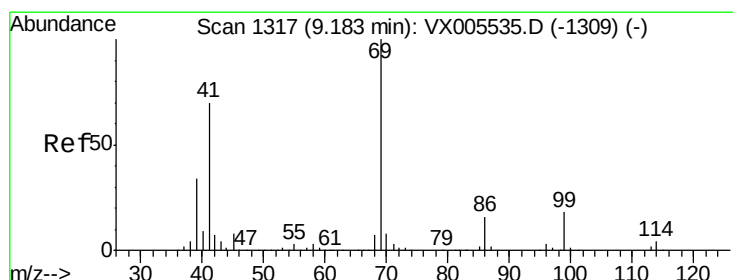
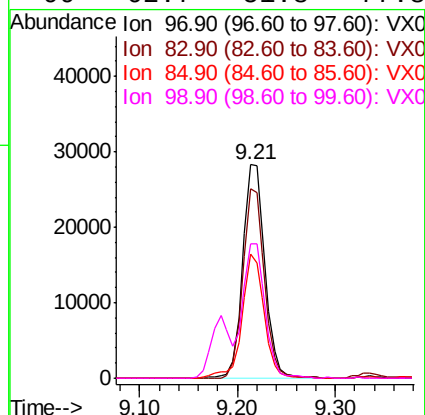
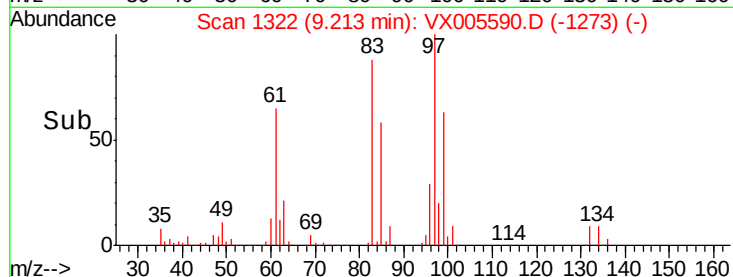
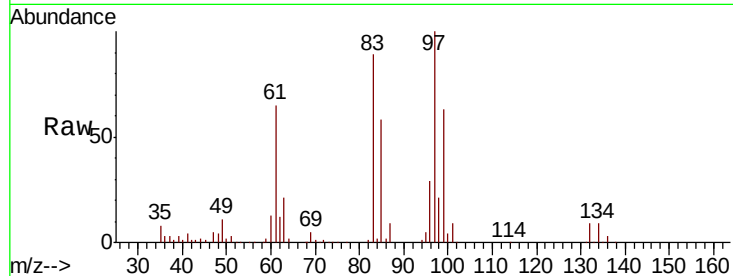
#55
 1,1,2-Trichloroethane
 Concen: 20.546 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.7	106.1
85	58.0	45.8	68.6
99	62.7	51.8	77.8

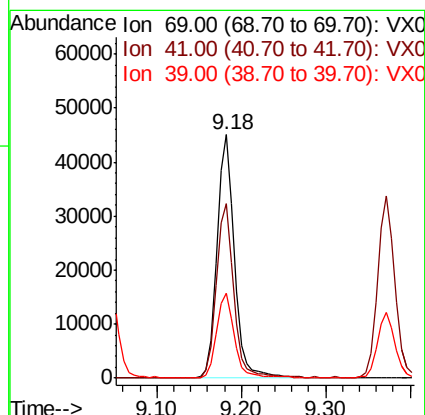
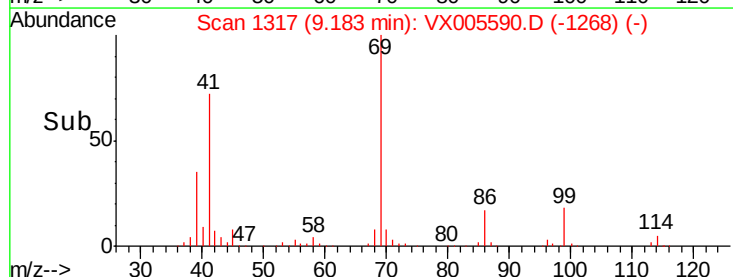
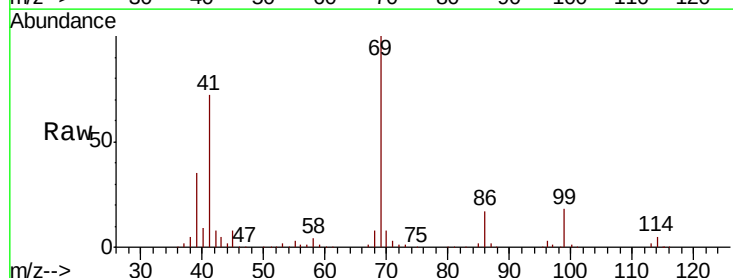
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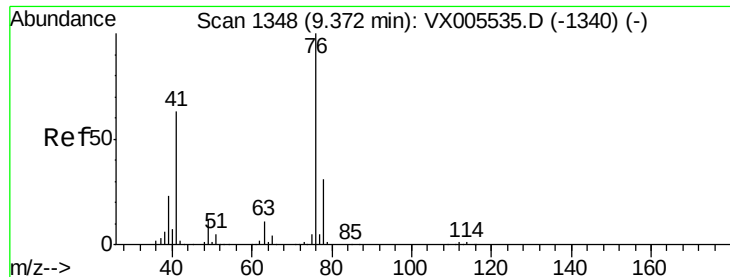
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#56
 Ethyl methacrylate
 Concen: 20.112 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.0	85.6
39	35.5	28.3	42.5





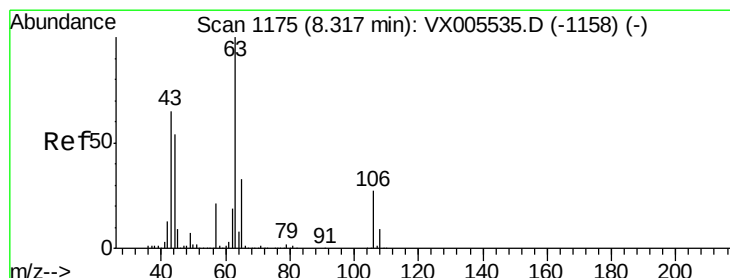
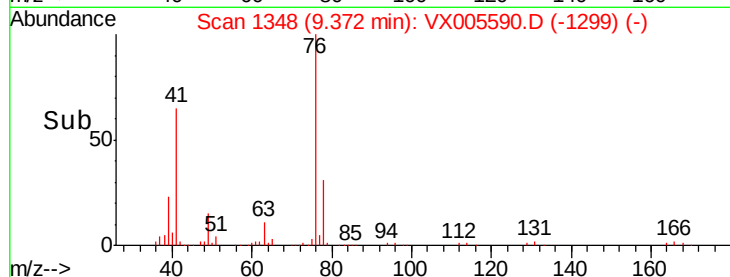
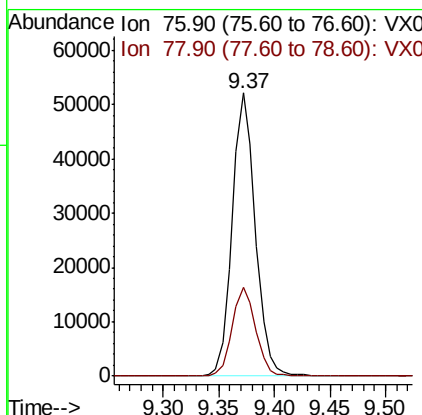
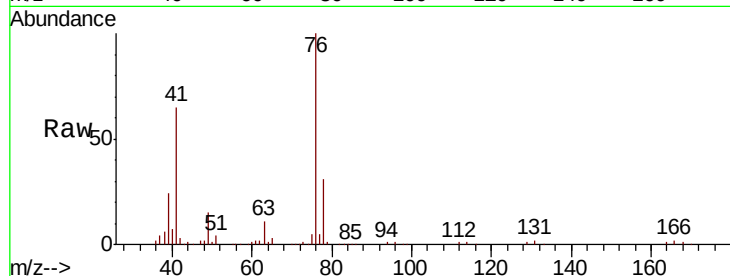
#57
 1,3-Dichloropropane
 Concen: 20.416 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.3	37.9

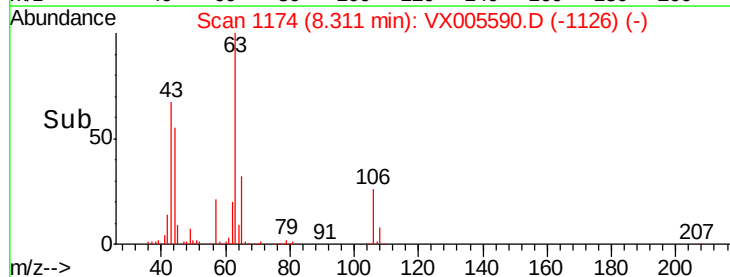
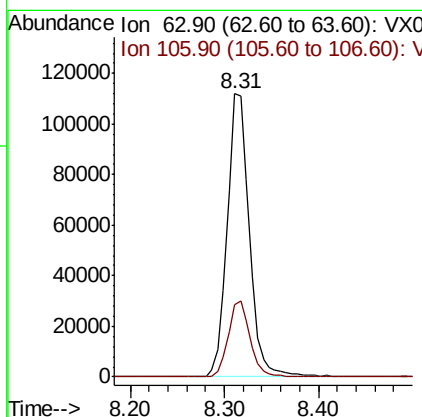
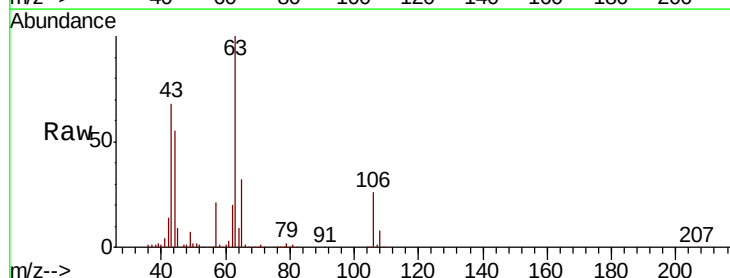
Manual Integrations
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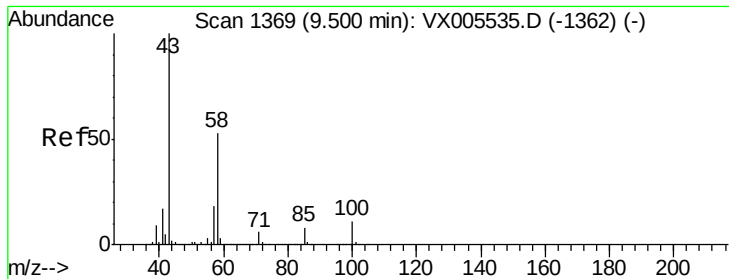
MMDadoda
 10/26/2018 10:02:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.893 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.3	31.9





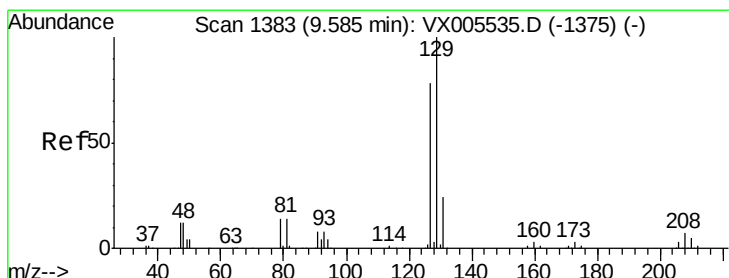
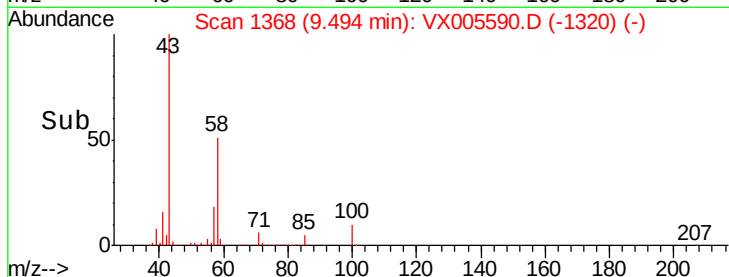
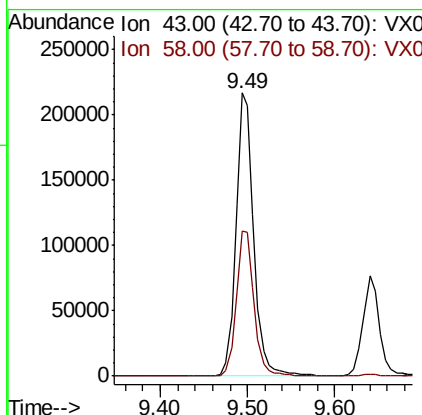
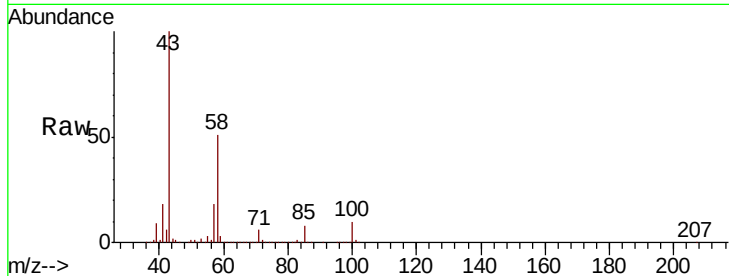
#59
2-Hexanone
Concen: 102.346 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion: 43 Resp: 305941
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8

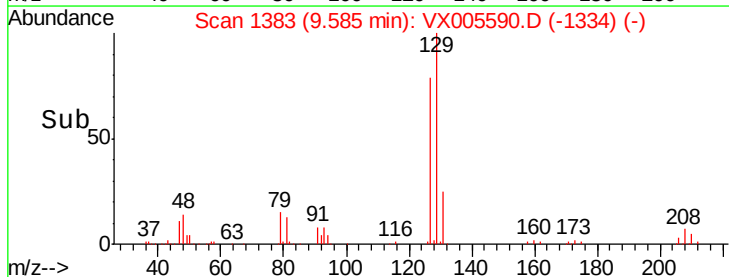
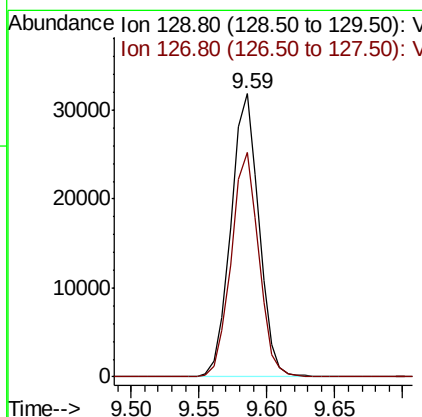
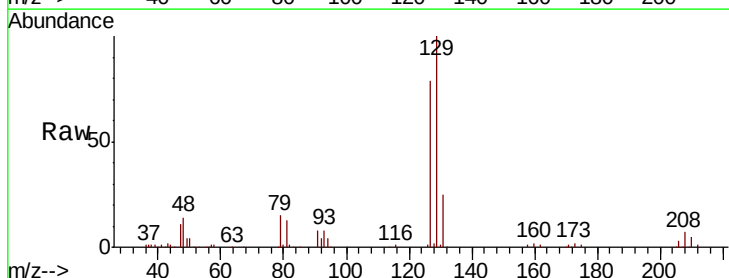
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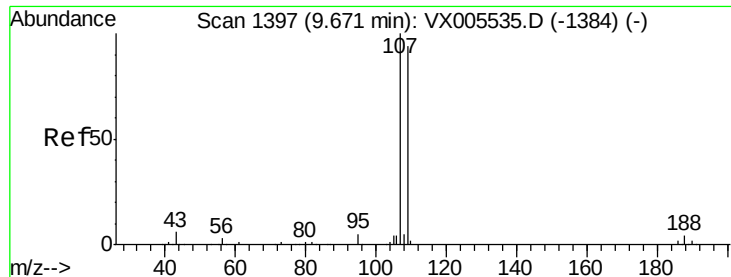
MMDadoda
10/26/2018 10:02:54 AM



#60
Dibromochloromethane
Concen: 20.195 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 129 Resp: 45657
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.692 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion:107 Resp: 46388

Ion Ratio Lower Upper

107 100

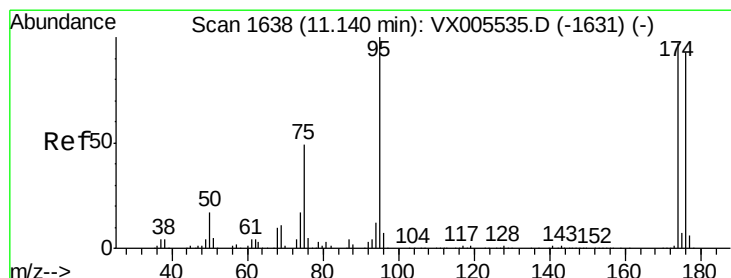
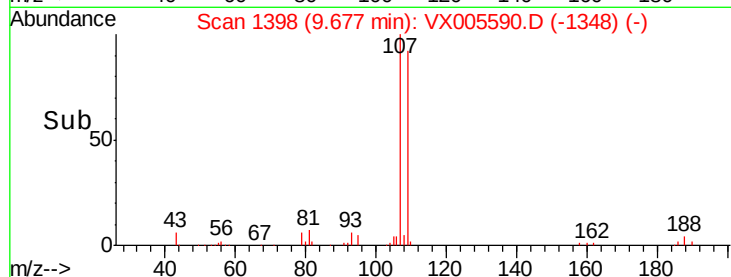
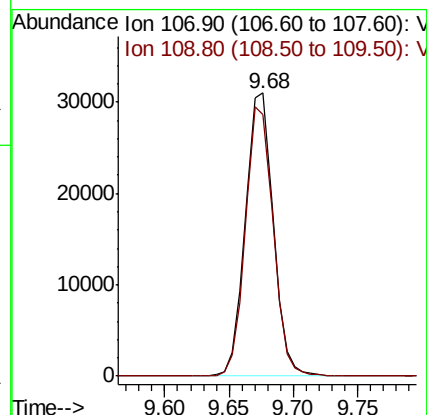
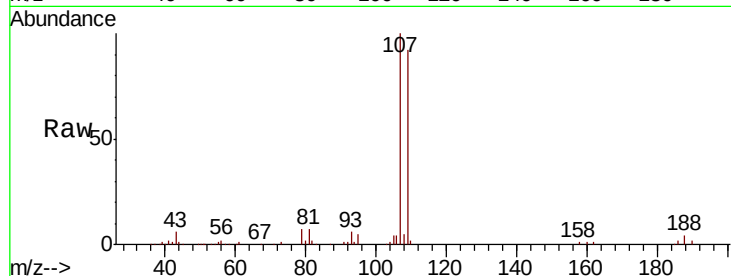
109 94.8 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

10/26/2018 10:02:54 AM



#62

4-Bromofluorobenzene

Concen: 49.698 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

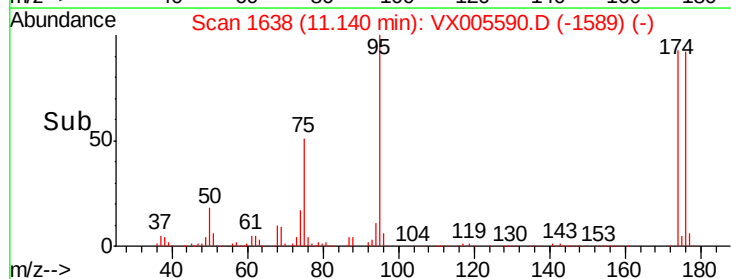
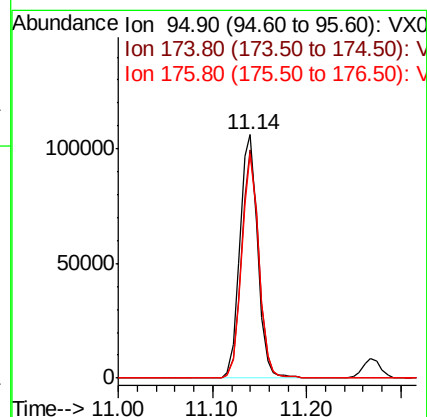
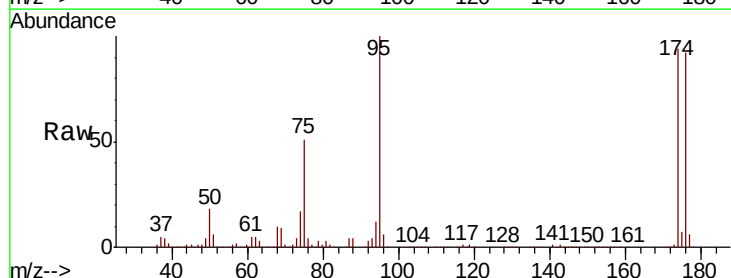
Tgt Ion: 95 Resp: 138814

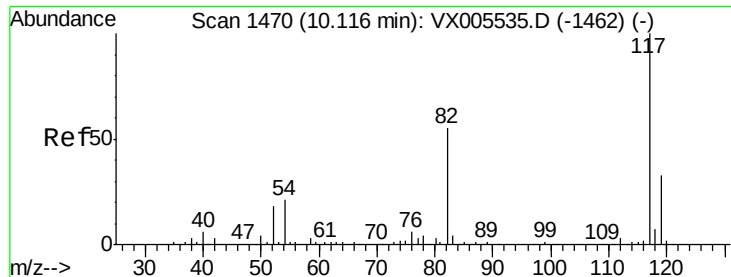
Ion Ratio Lower Upper

95 100

174 91.2 0.0 184.4

176 89.0 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

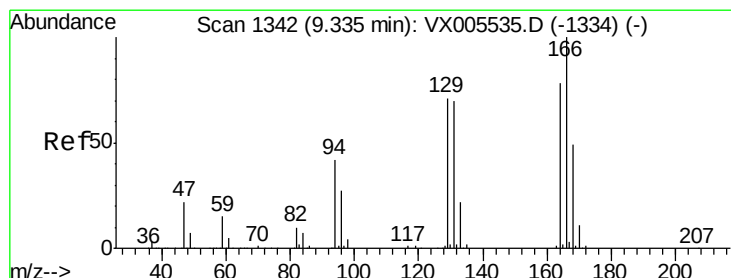
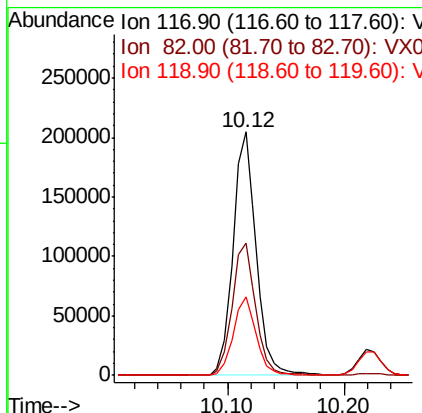
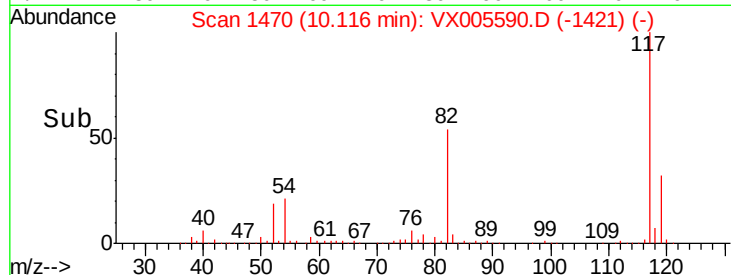
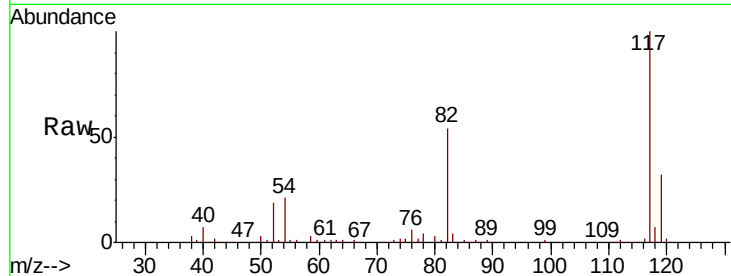
ClientSampleId :

VX1025WBSD01

Tot Ion:	117	Resp:	282516
Ion Ratio	Lower	Upper	
117	100		
82	54.3	44.1	66.1
119	32.1	26.2	39.2

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#64

Tetrachloroethene

Concen: 20.734 ug/l

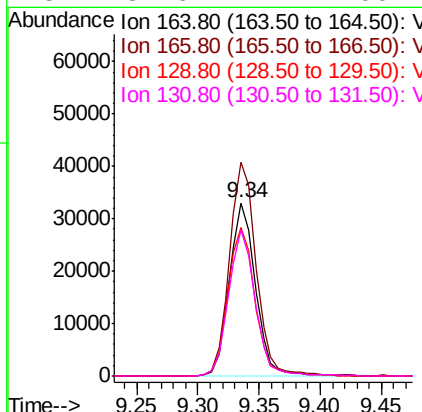
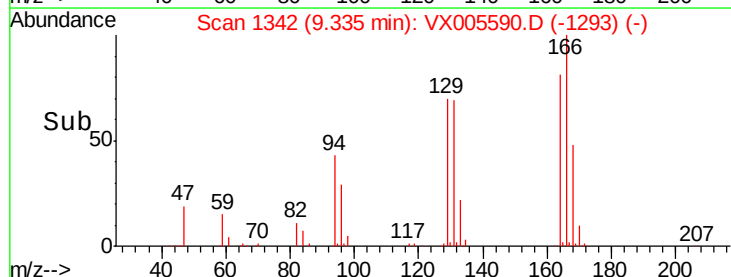
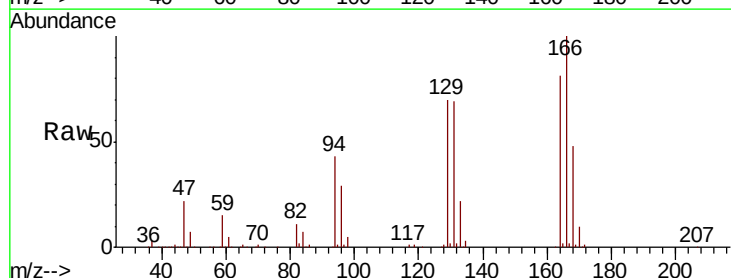
RT: 9.34 min Scan# 1342

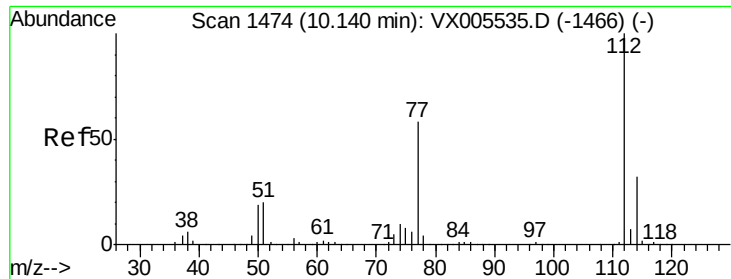
Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion:	164	Resp:	48627
Ion Ratio	Lower	Upper	
164	100		
166	123.4	101.9	152.9
129	85.9	72.6	109.0
131	84.6	71.1	106.7





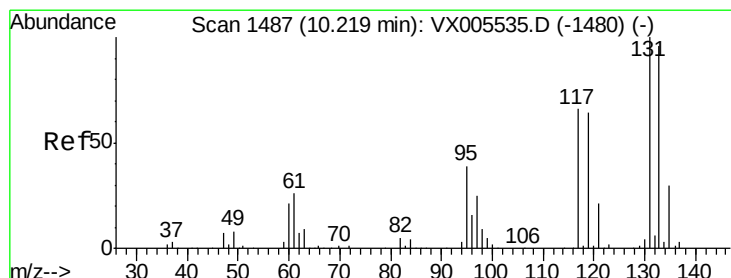
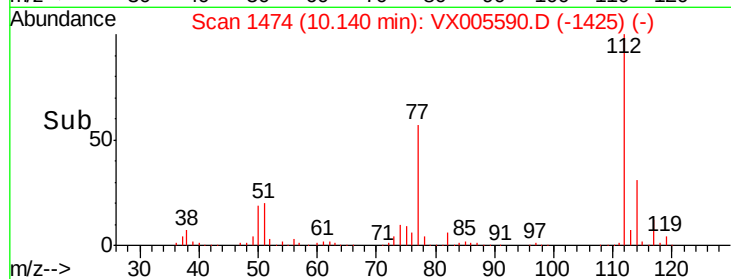
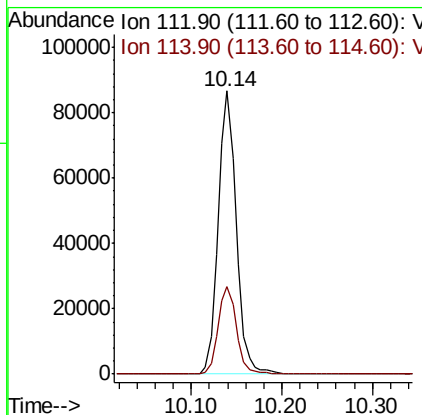
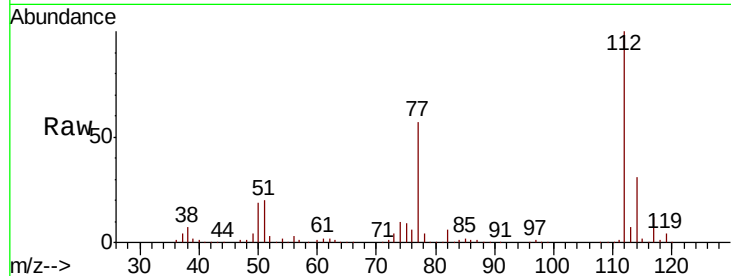
#65
Chlorobenzene
Concen: 20.210 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion:112 Resp: 121585
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

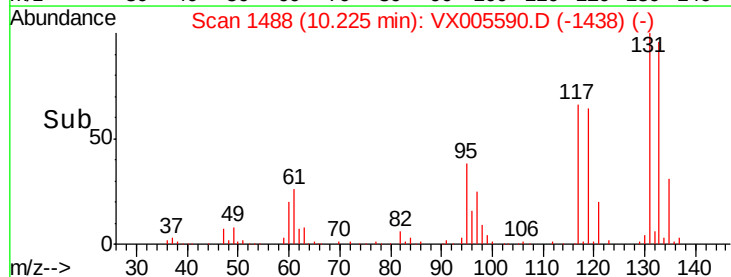
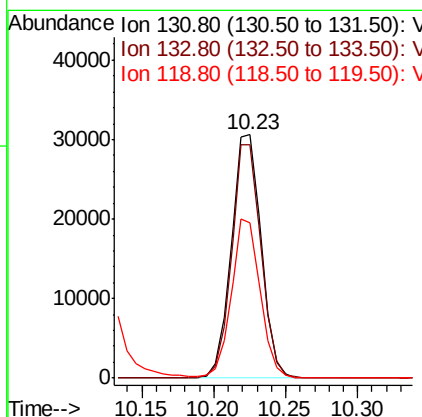
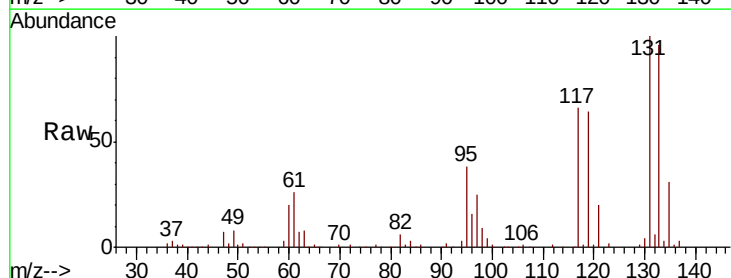
Manual Integrations
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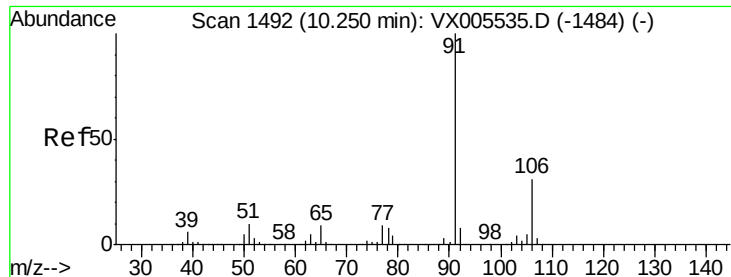
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.221 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion:131 Resp: 44356
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 63.4 31.8 95.3





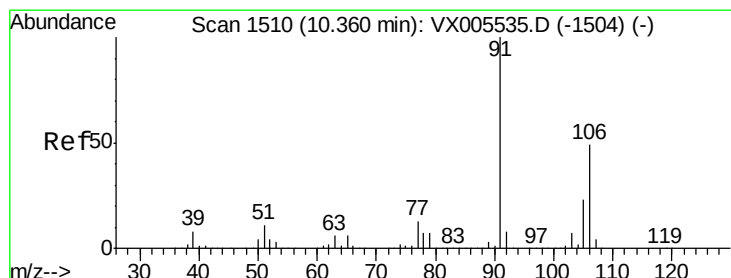
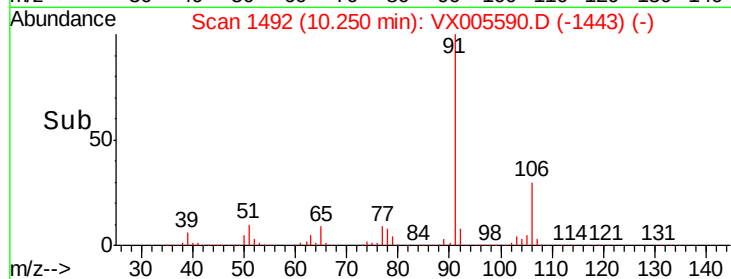
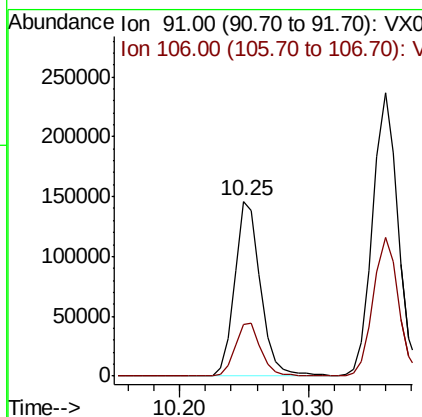
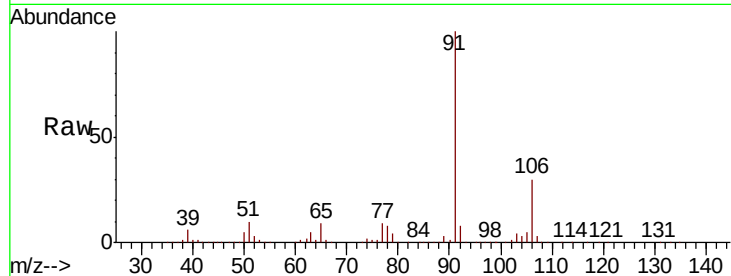
#67
Ethyl Benzene
Concen: 20.626 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion: 91 Resp: 204155
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6

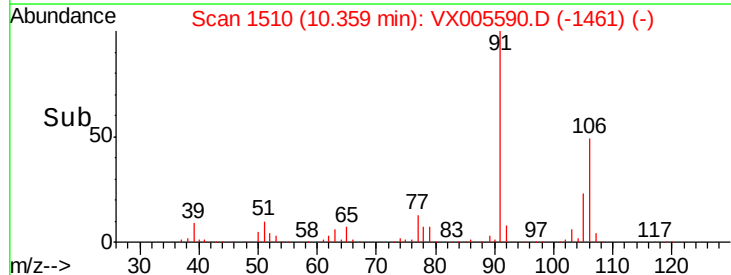
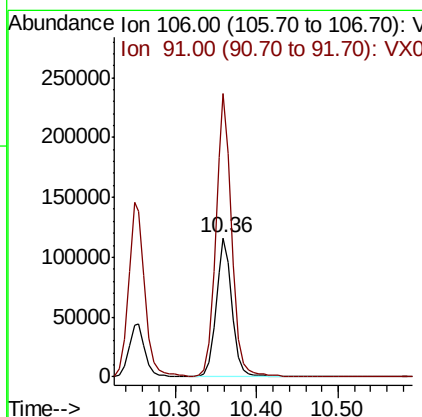
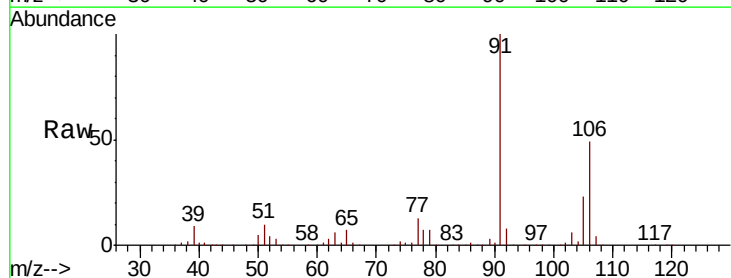
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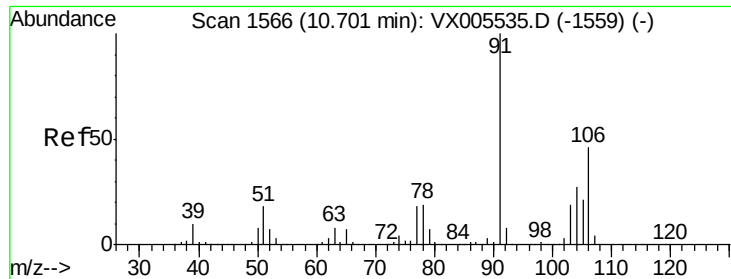
MMDadoda
10/26/2018 10:02:54 AM



#68
m/p-Xylenes
Concen: 41.453 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 106 Resp: 159185
Ion Ratio Lower Upper
106 100
91 203.9 164.2 246.4





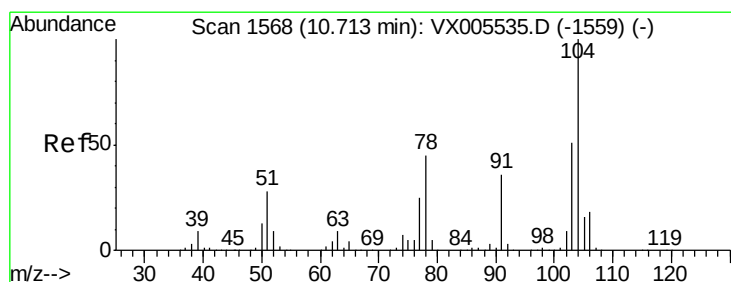
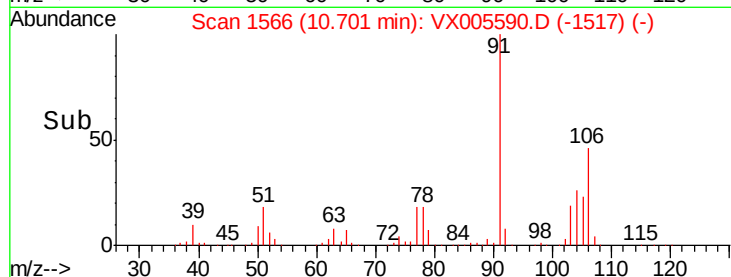
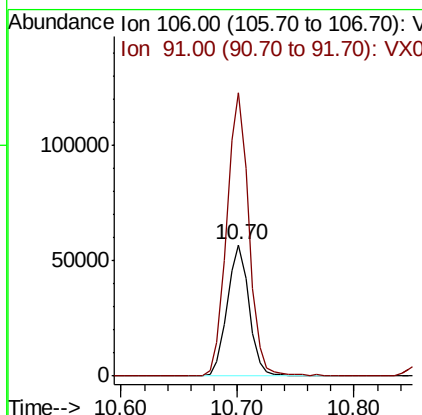
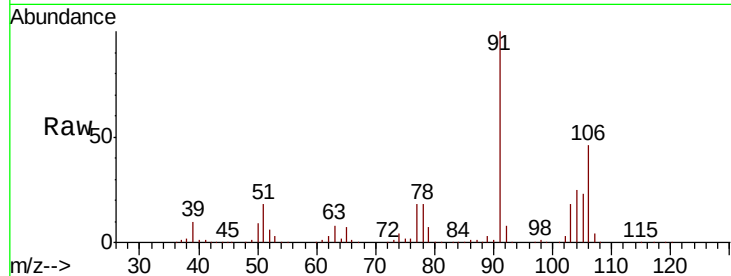
#69
o-Xylene
Concen: 20.652 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion:106 Resp: 74615
Ion Ratio Lower Upper
106 100
91 218.1 108.5 325.5

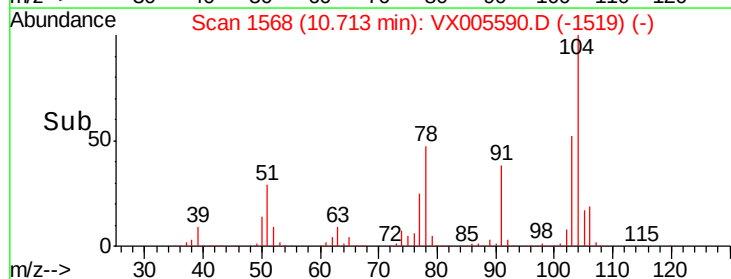
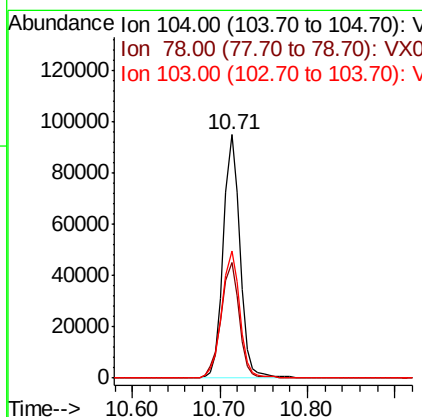
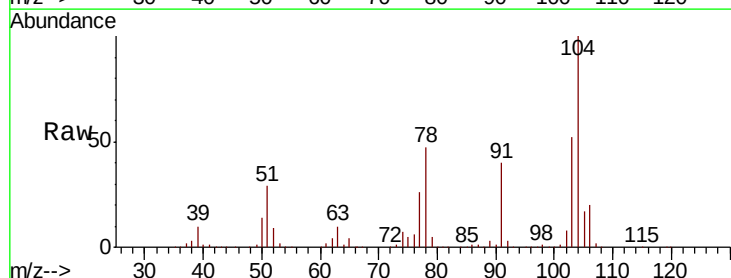
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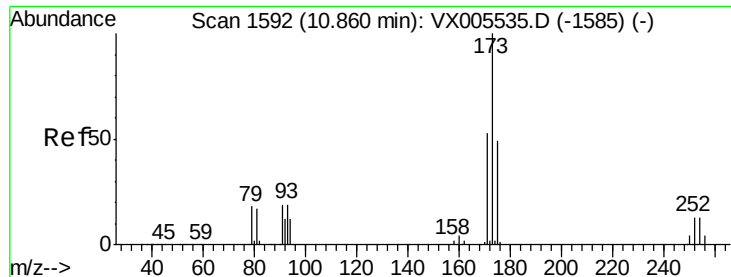
MMDadoda
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#70
Styrene
Concen: 20.708 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion:104 Resp: 125245
Ion Ratio Lower Upper
104 100
78 51.9 40.2 60.4
103 56.8 44.9 67.3





#71

Bromoform

Concen: 19.015 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion:173 Resp: 37221

Ion Ratio Lower Upper

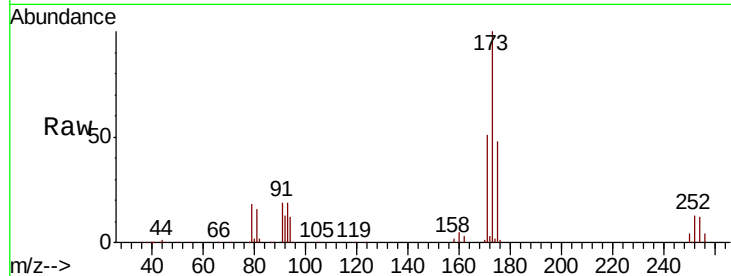
173 100

175 49.4 24.8 74.3

254 0.1 0.2 0.2#

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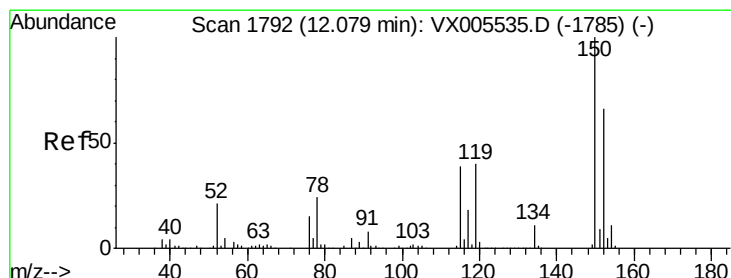
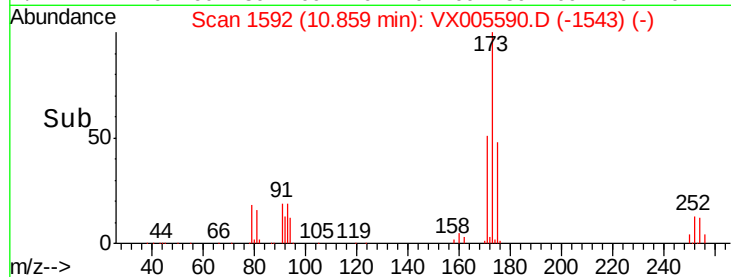
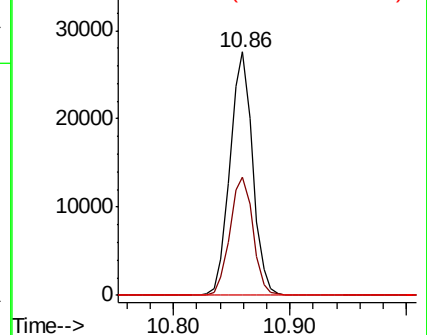
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

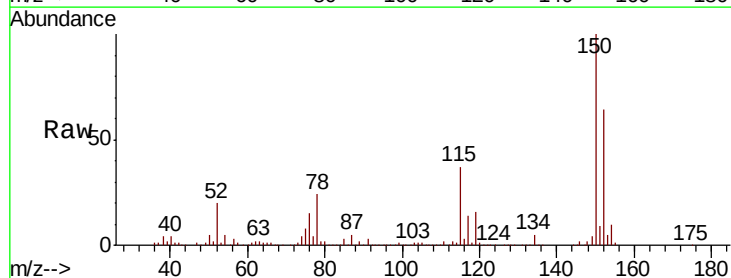
Tgt Ion:152 Resp: 157233

Ion Ratio Lower Upper

152 100

115 65.0 39.4 118.1

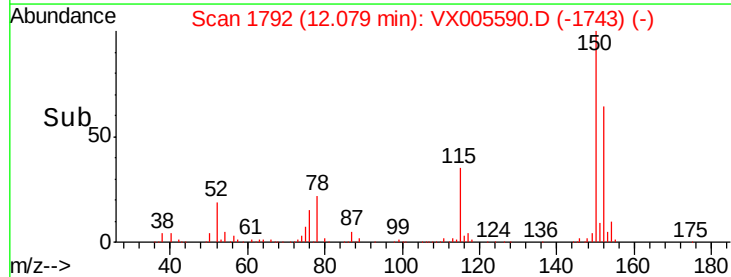
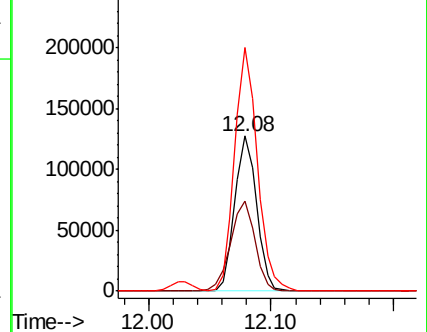
150 163.2 0.0 346.4

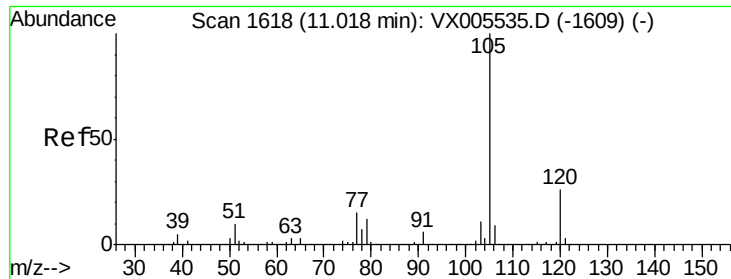


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.578 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion:105 Resp: 207390

Ion Ratio Lower Upper

105 100

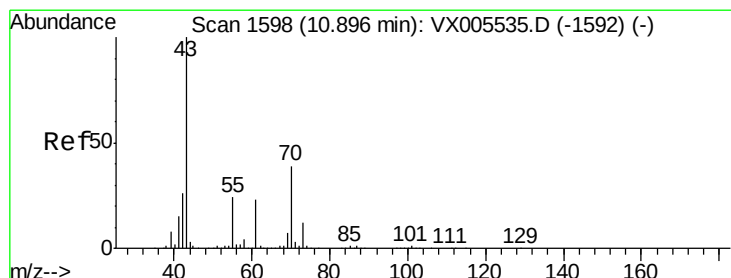
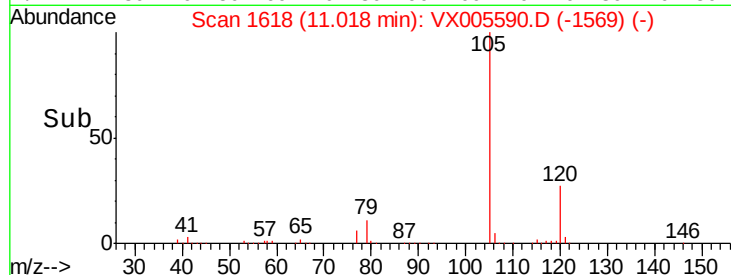
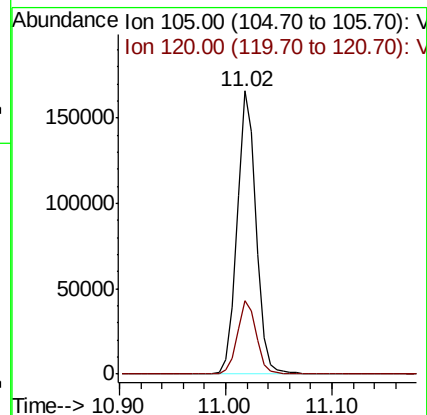
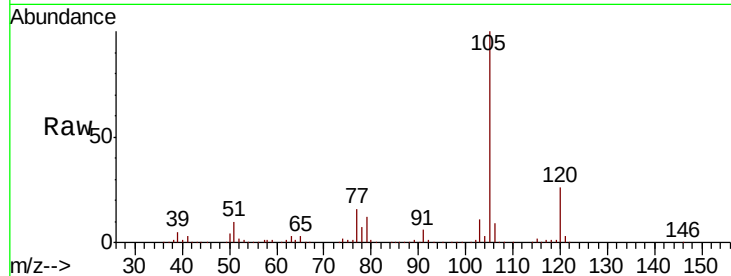
120 26.2 13.1 39.3

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#74

N-ethyl acetate

Concen: 20.383 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion: 43 Resp: 97074

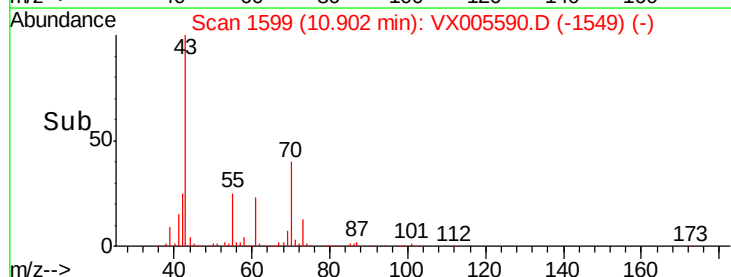
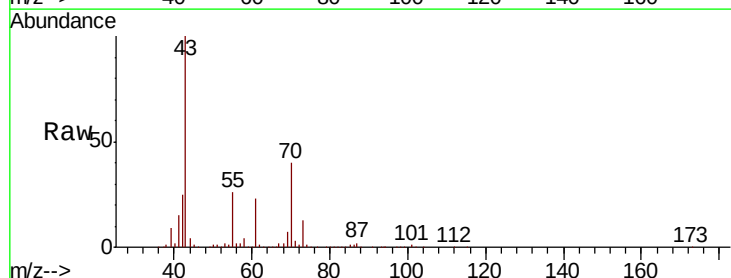
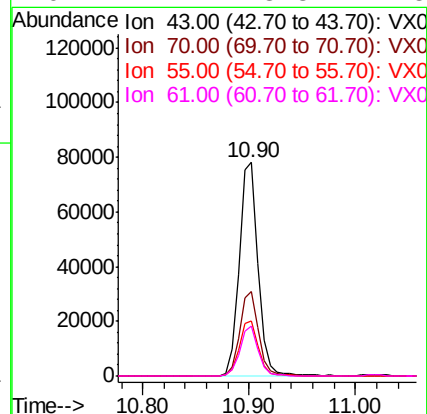
Ion Ratio Lower Upper

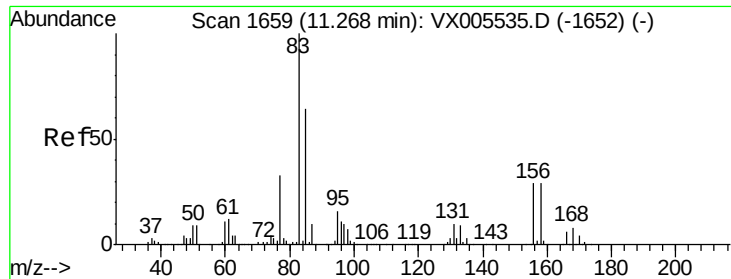
43 100

70 39.3 31.6 47.4

55 26.3 19.7 29.5

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.228 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

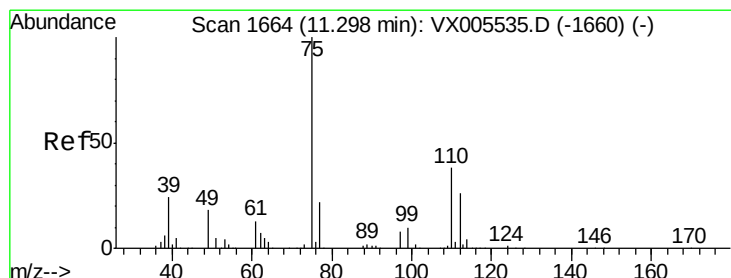
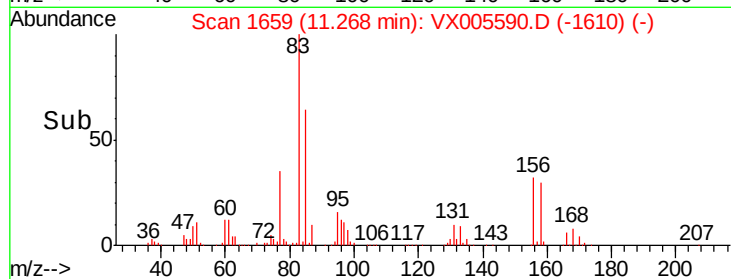
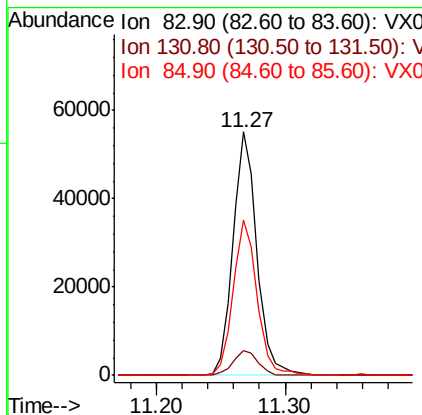
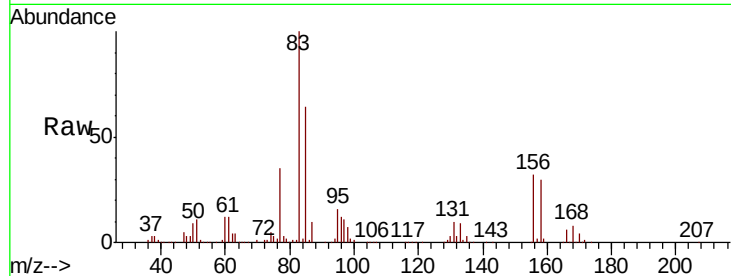
ClientSampleId :

VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.9
85	63.9	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.096 ug/l m

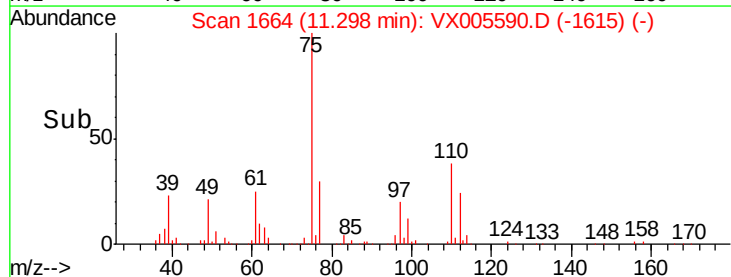
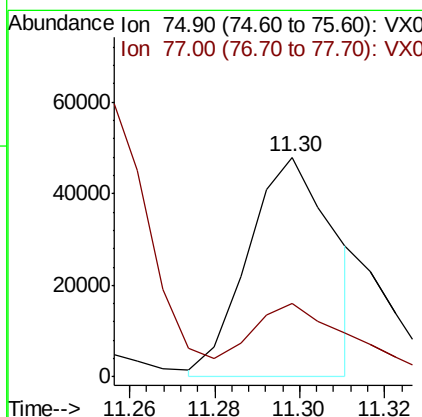
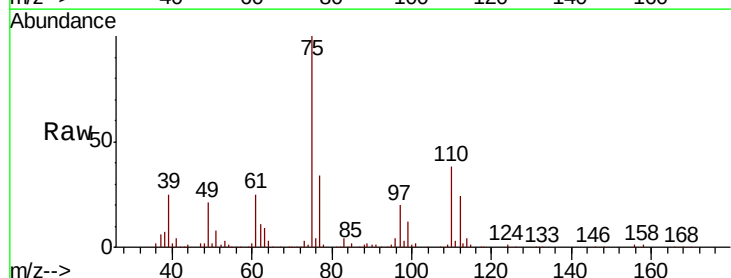
RT: 11.30 min Scan# 1664

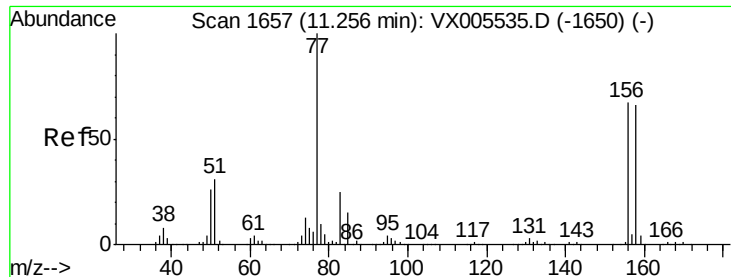
Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.3	20.5	61.6





#77

Bromobenzene

Concen: 20.924 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

Tot Ion:156 Resp: 56048

Ion Ratio Lower Upper

156 100

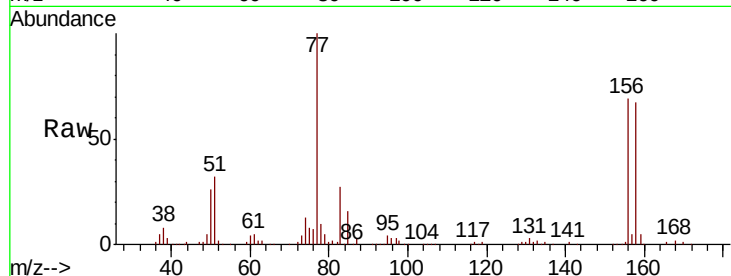
77 146.2 74.8 224.4

158 96.2 49.1 147.3

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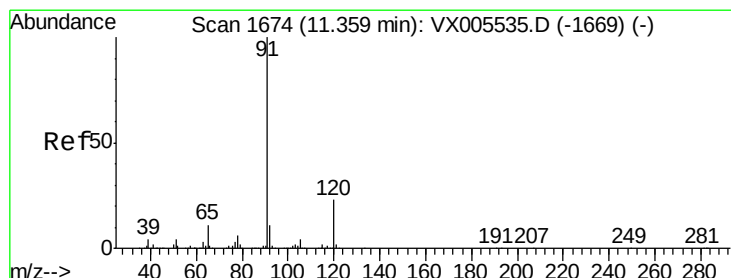
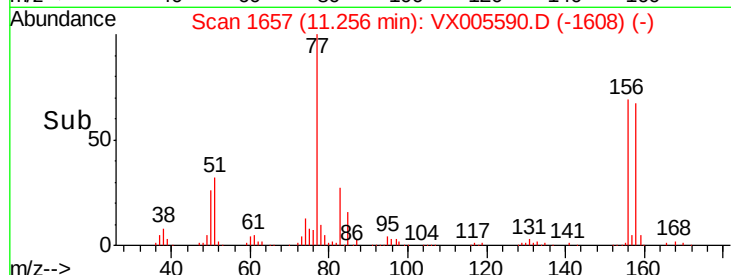
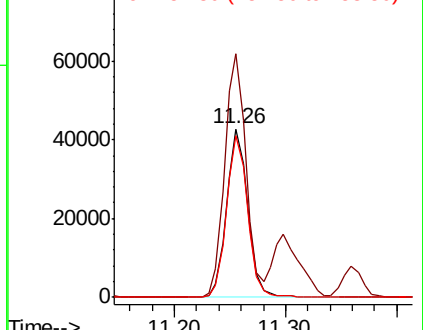


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.546 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005590.D

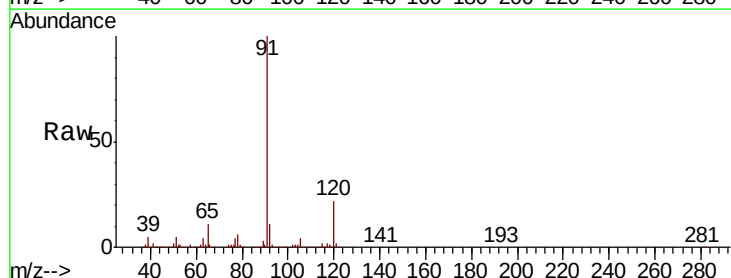
Acq: 25 Oct 2018 15:37

Tgt Ion: 91 Resp: 236794

Ion Ratio Lower Upper

91 100

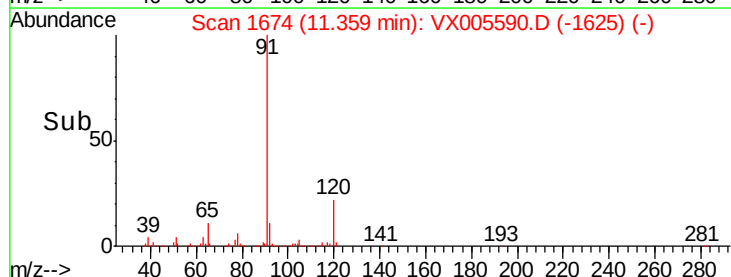
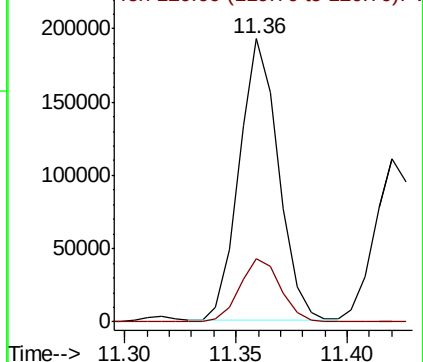
120 23.5 11.9 35.5

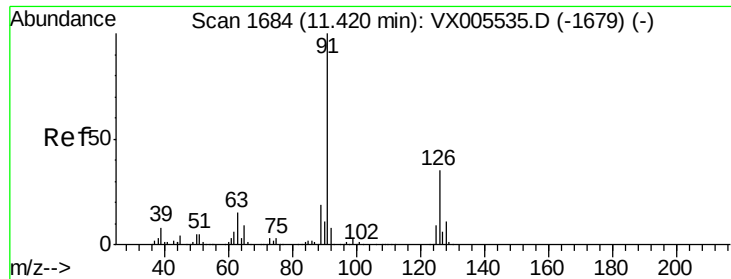


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.873 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampled :

VX1025WBSD01

Tot Ion: 91 Resp: 142234

Ion Ratio Lower Upper

91 100

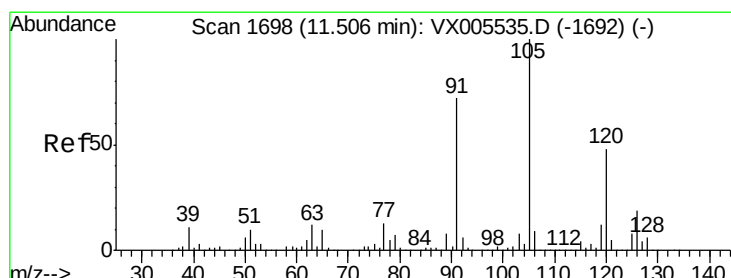
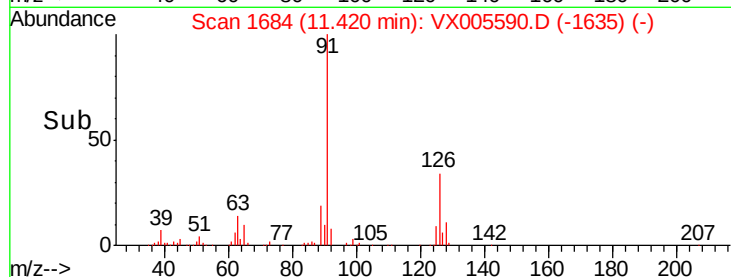
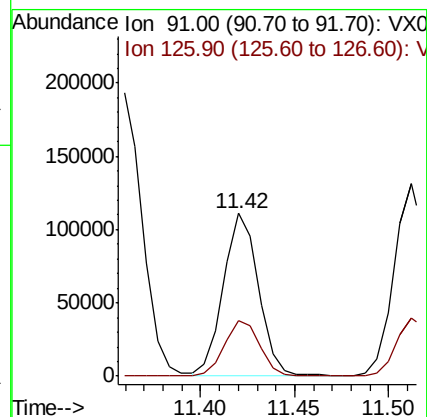
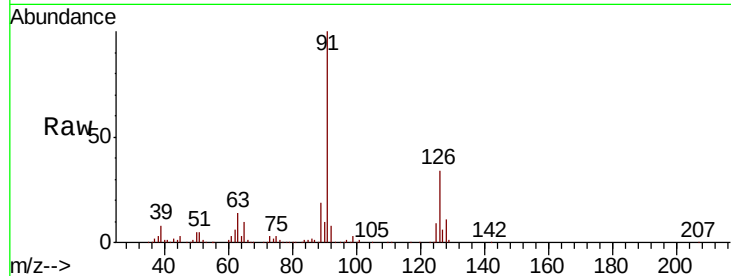
126 34.8 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.607 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005590.D

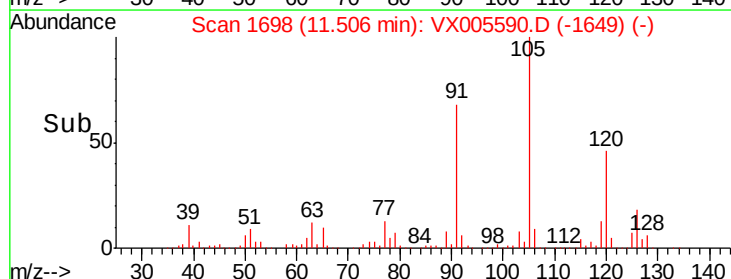
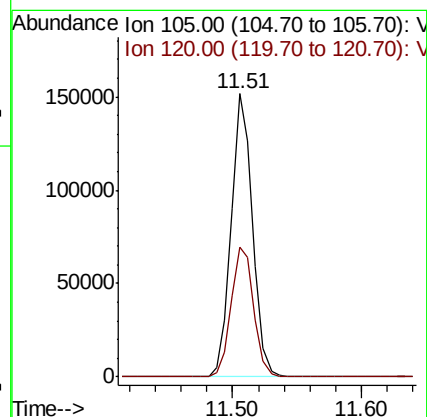
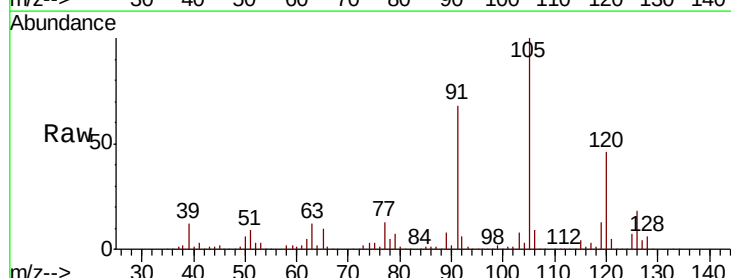
Acq: 25 Oct 2018 15:37

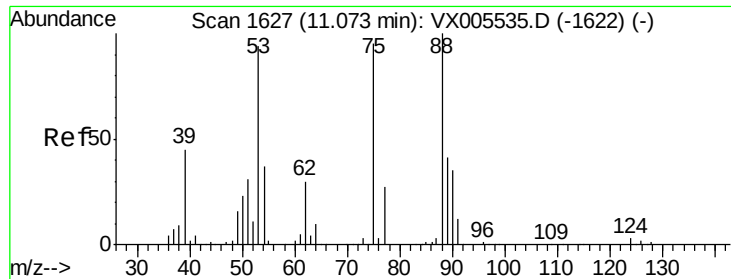
Tgt Ion: 105 Resp: 177657

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.202 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

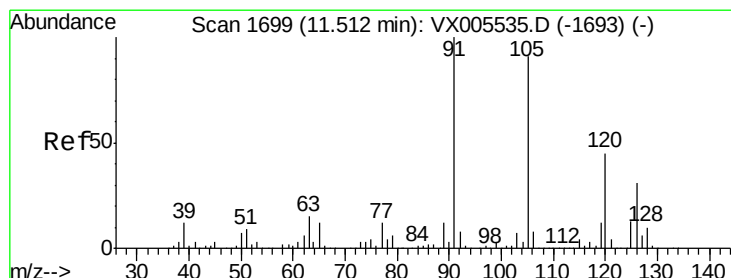
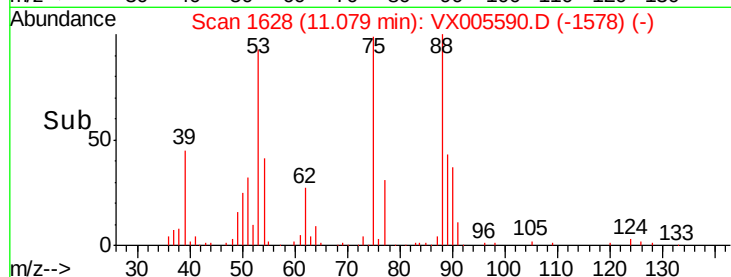
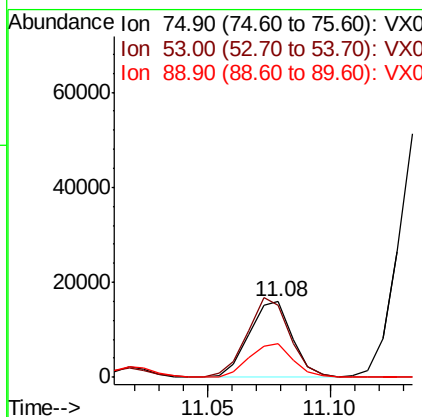
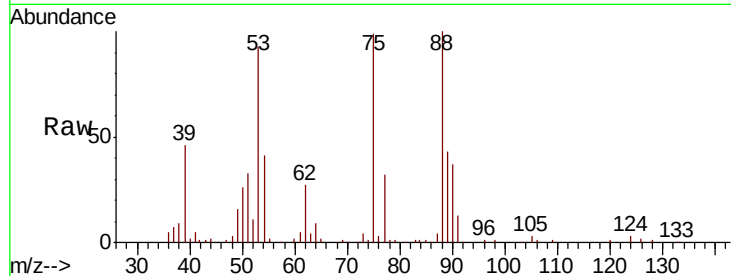
ClientSampleId :

VX1025WBSD01

Tot Ion:	75	Resp:	19577
Ion Ratio	Lower	Upper	
75	100		
53	103.4	80.2	120.2
89	45.4	39.8	59.8

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#82

4-Chlorotoluene

Concen: 20.852 ug/l

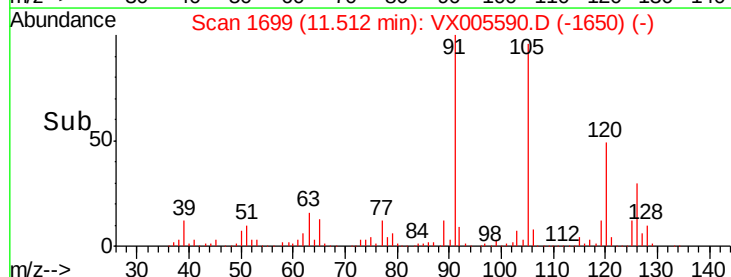
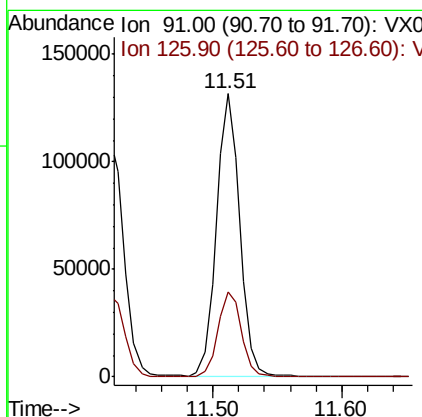
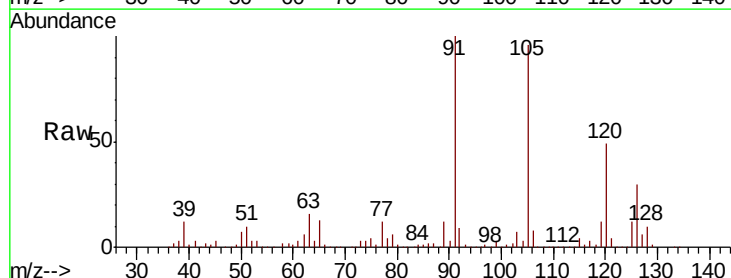
RT: 11.51 min Scan# 1699

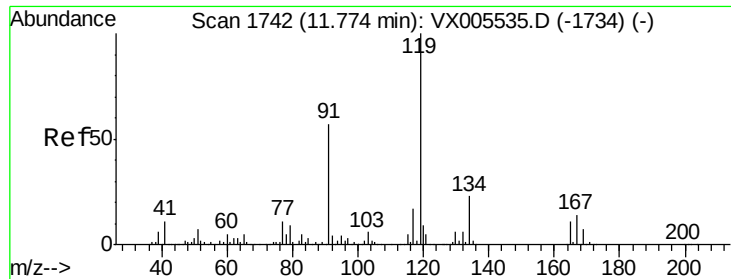
Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion:	91	Resp:	167548
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.2	45.6





#83

tert-Butylbenzene

Concen: 20.903 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

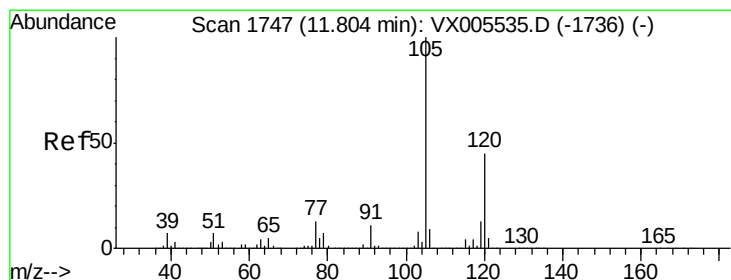
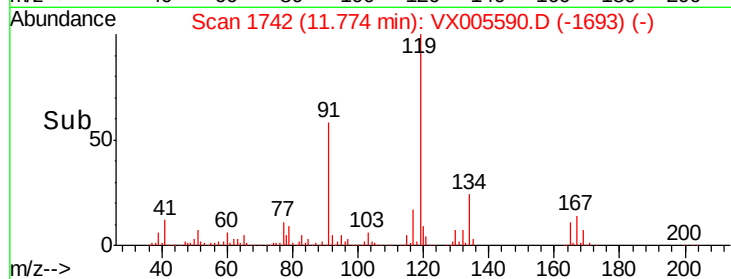
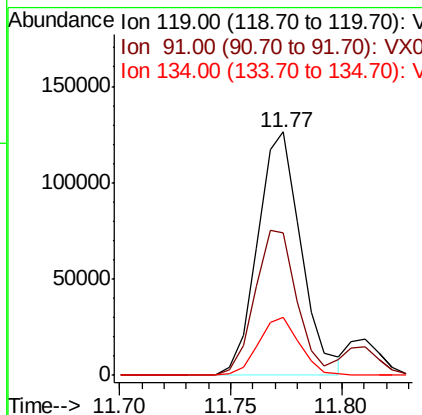
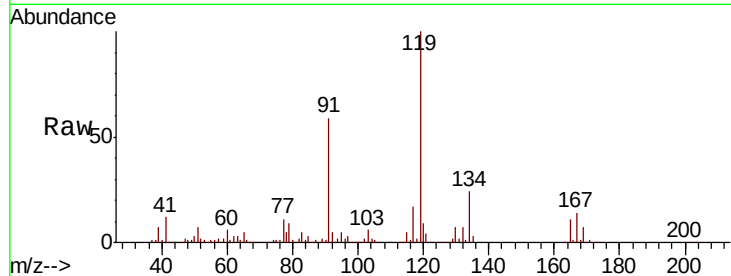
ClientSampleId :

VX1025WBSD01

Tot Ion:	119	Resp:	171319
Ion Ratio	Lower	Upper	
119	100		
91	57.7	28.5	85.5
134	22.7	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.888 ug/l

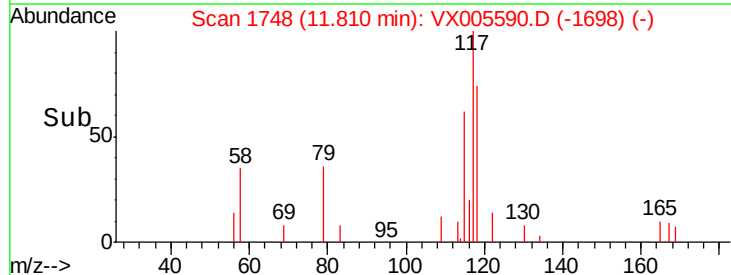
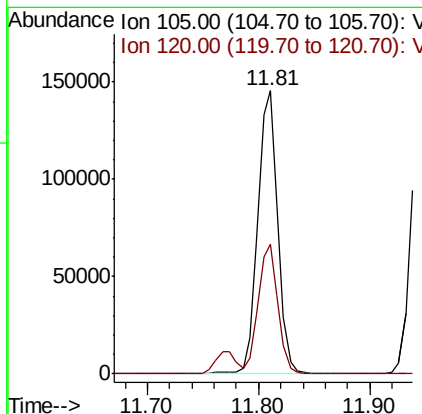
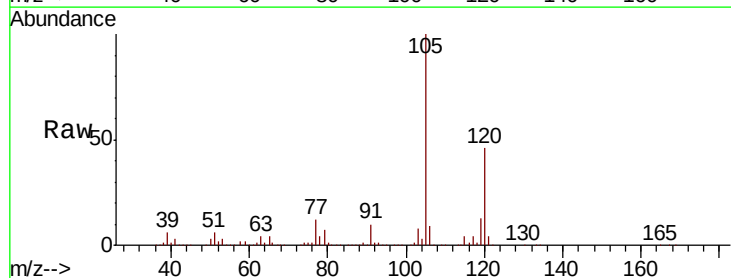
RT: 11.81 min Scan# 1748

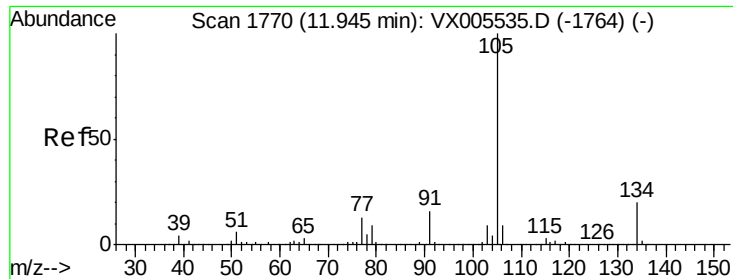
Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion:	105	Resp:	182389
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.4	67.0





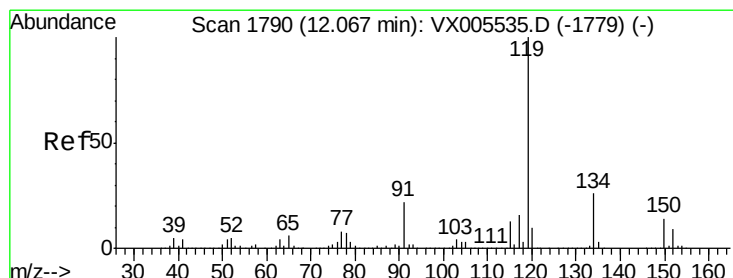
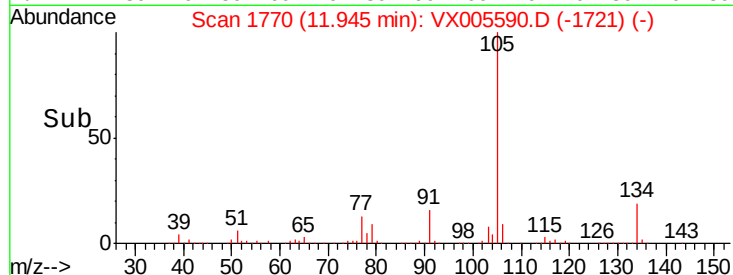
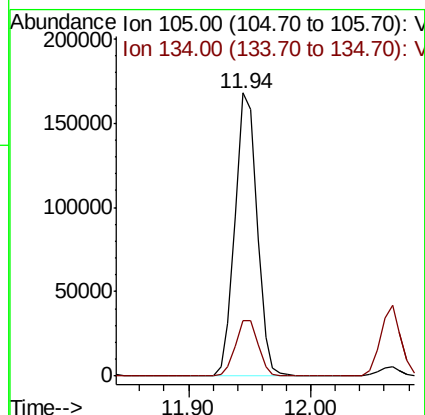
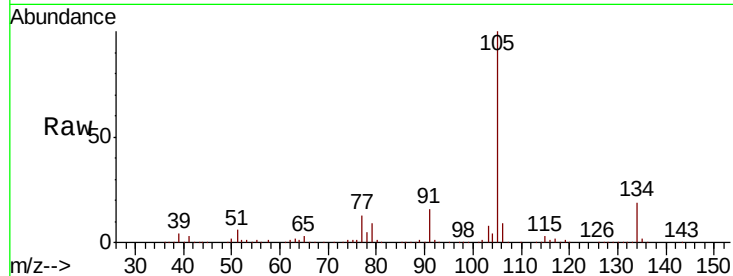
#85
 sec-Butylbenzene
 Concen: 21.333 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.4

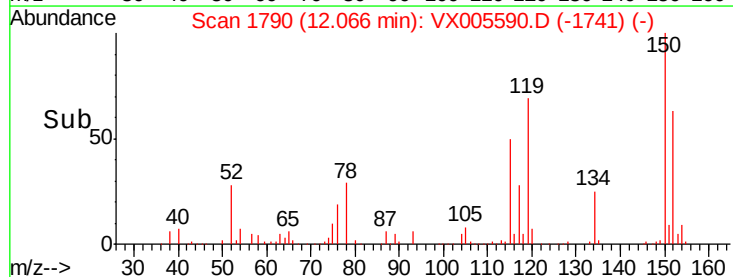
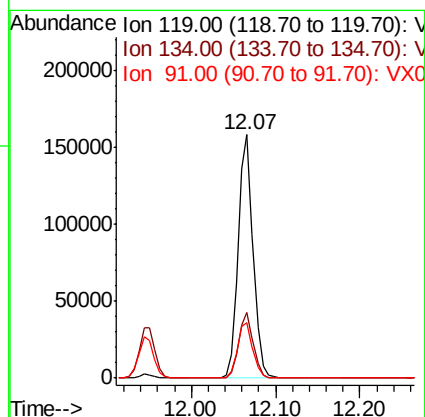
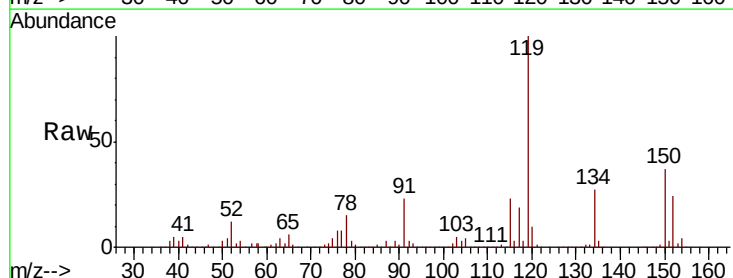
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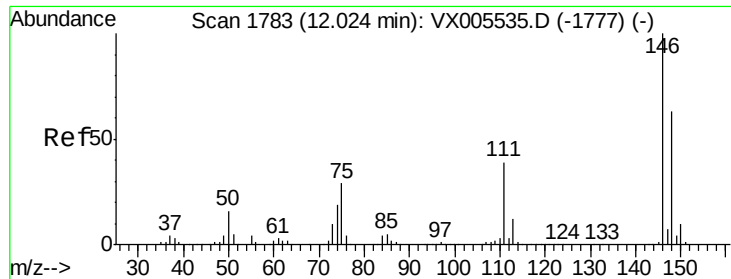
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#86
 p-Isopropyltoluene
 Concen: 21.382 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.0	39.0
91	23.5	11.4	34.2





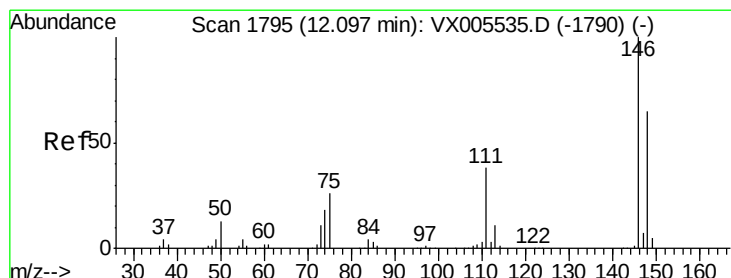
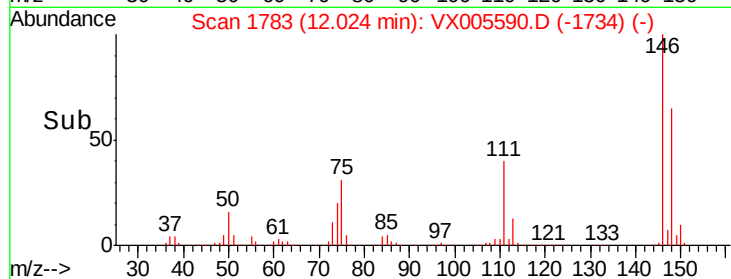
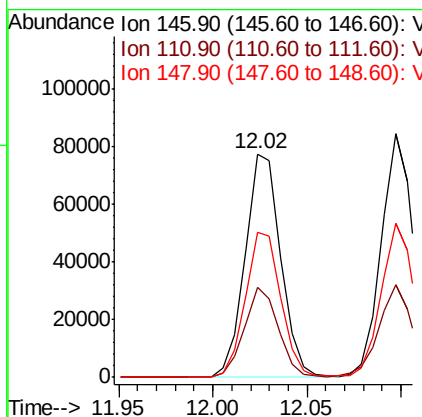
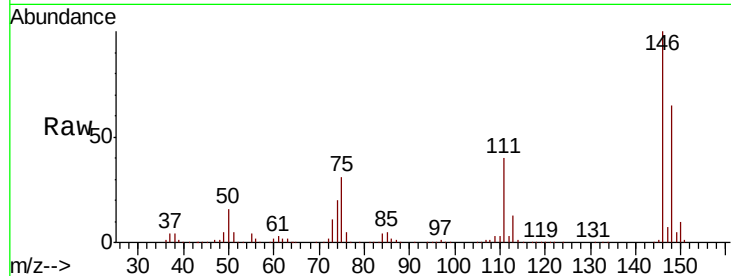
#87
 1,3-Dichlorobenzene
 Concen: 20.183 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.0	57.0
148	65.1	31.9	95.9

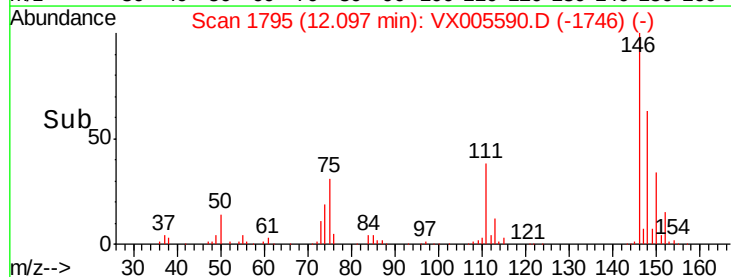
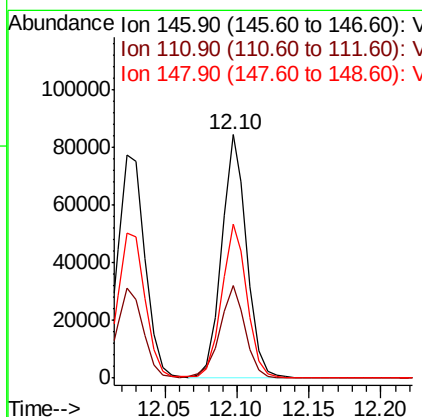
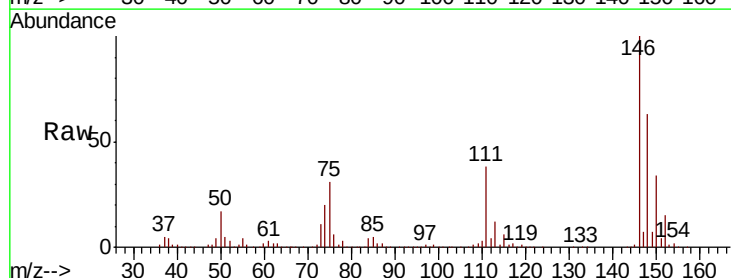
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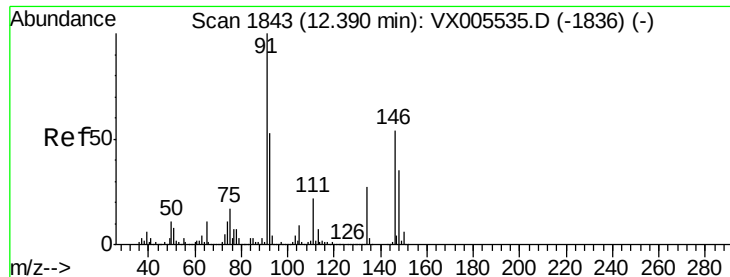
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#88
 1,4-Dichlorobenzene
 Concen: 19.593 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.6	55.8
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 20.409 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

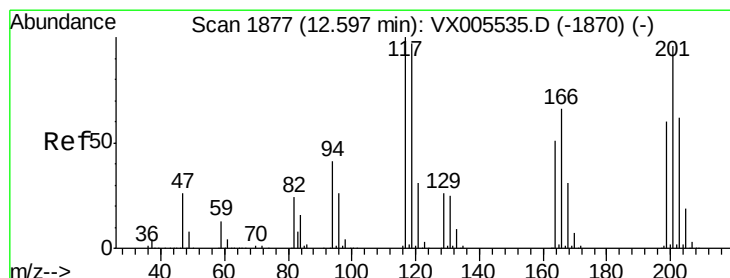
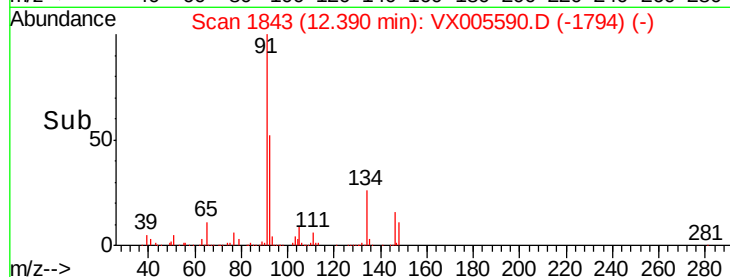
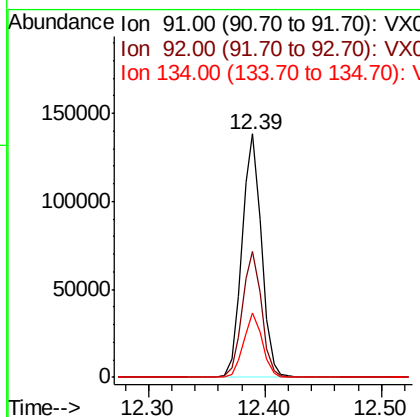
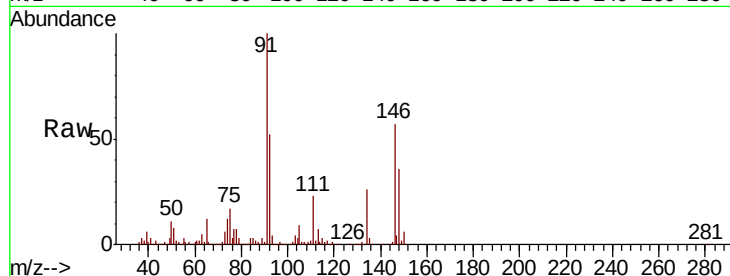
ClientSampleId :

VX1025WBSD01

Tot Ion:	91	Resp:	161078
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.1	78.2
134	25.6	13.1	39.3

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#90

Hexachloroethane

Concen: 19.903 ug/l

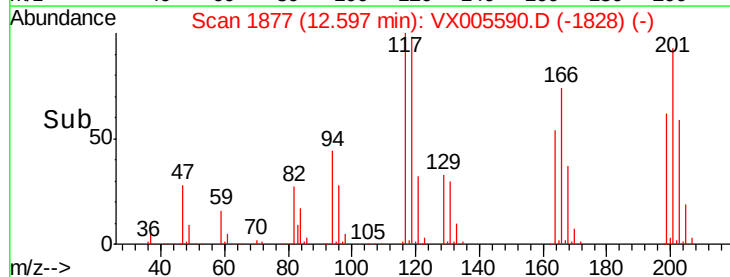
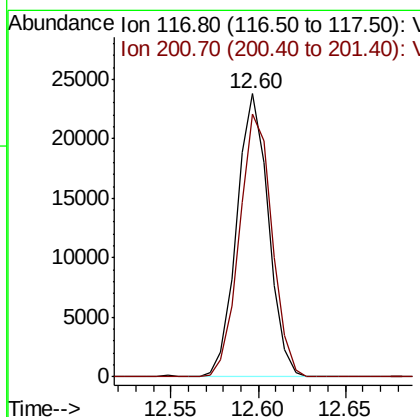
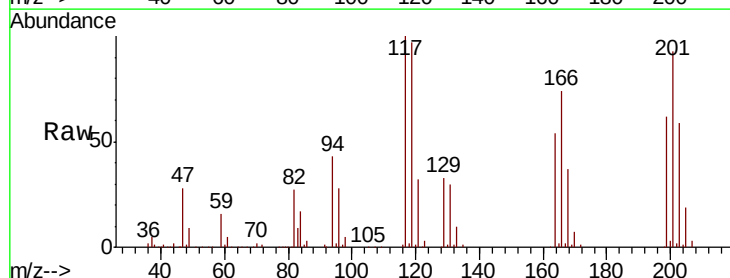
RT: 12.60 min Scan# 1877

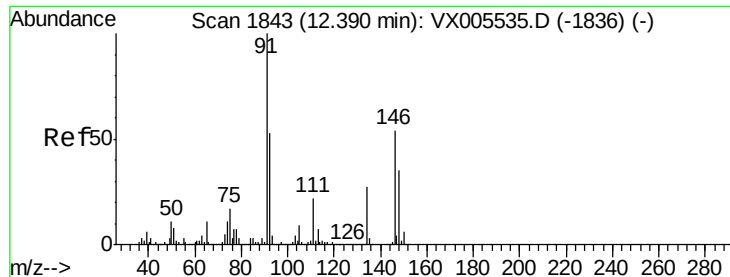
Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion:	117	Resp:	30010
Ion	Ratio	Lower	Upper
117	100		
201	95.4	47.9	143.6





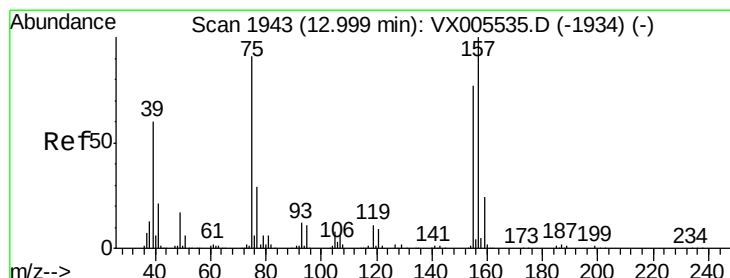
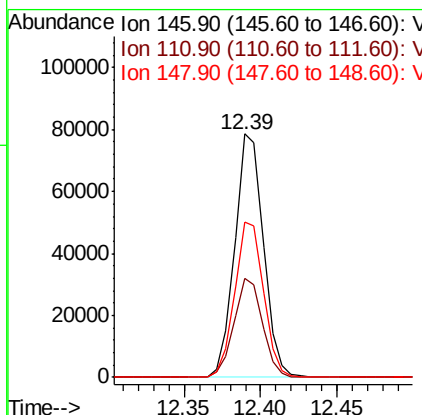
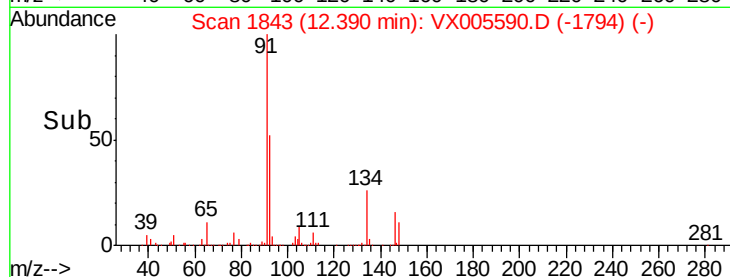
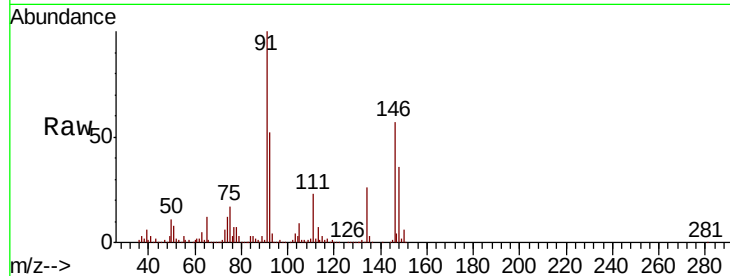
#91
 1,2-Dichlorobenzene
 Concen: 20.043 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	59.9
148	64.2	32.2	96.6

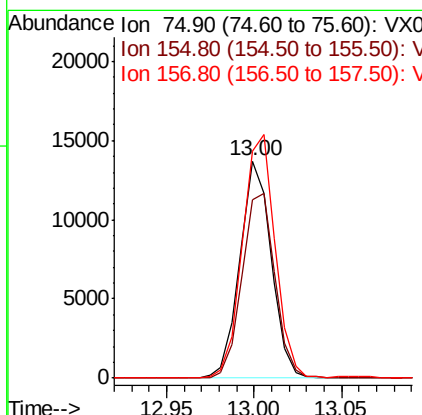
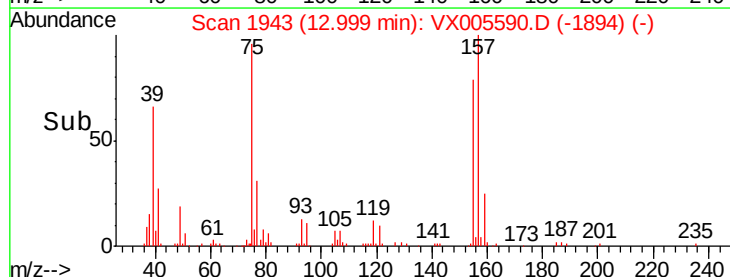
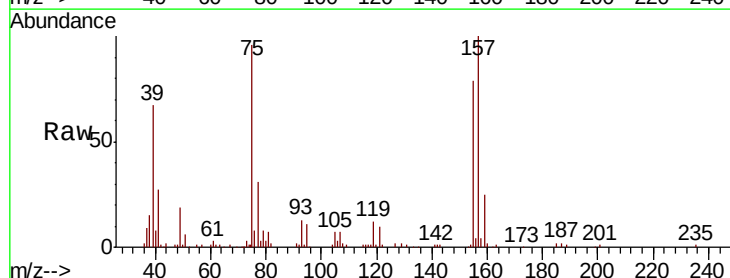
Manual Integrations
 APPROVED

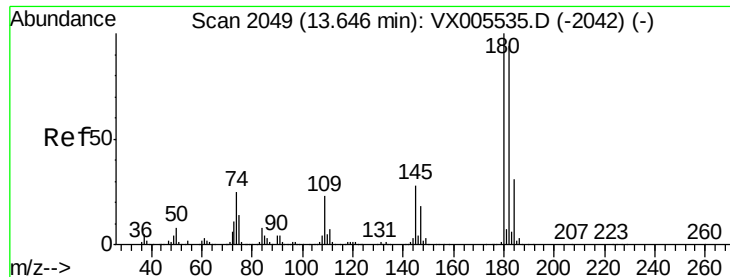
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.047 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	45.4	136.1
157	115.8	57.4	172.0





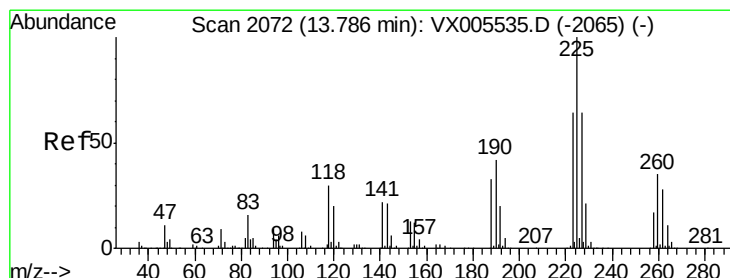
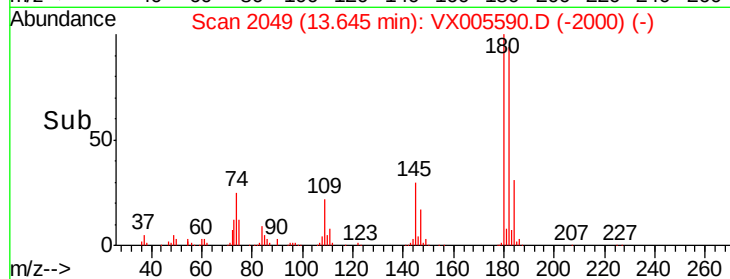
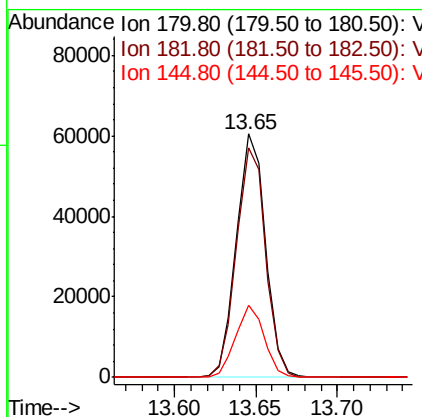
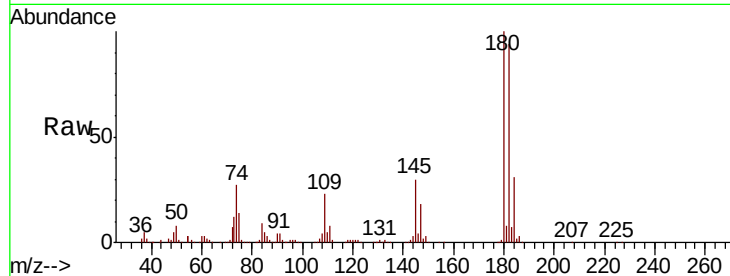
#93
 1,2,4-Trichlorobenzene
 Concen: 20.397 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.8
145	28.9	14.1	42.2

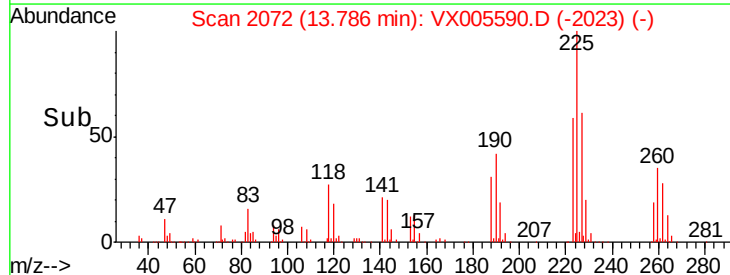
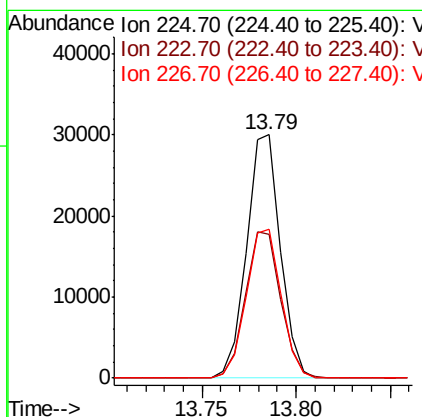
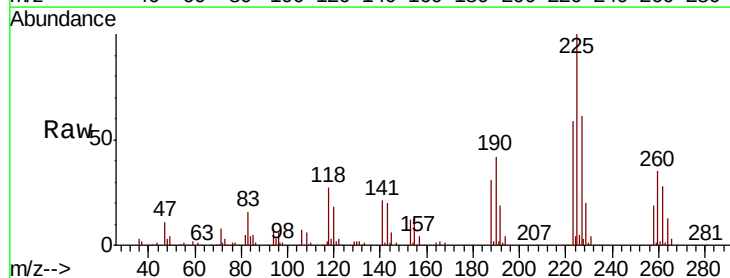
Manual Integrations
 APPROVED

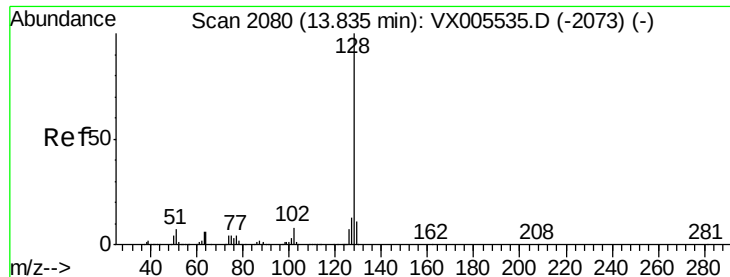
MMDadoda
 10/26/2018 10:02:54 AM



#94
 Hexachlorobutadiene
 Concen: 19.478 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	63.1	32.3	96.9





#95

Naphthalene

Concen: 21.541 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

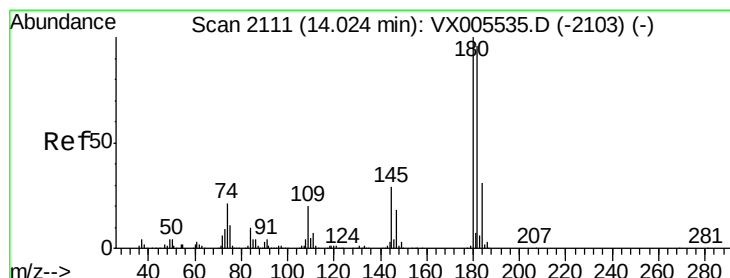
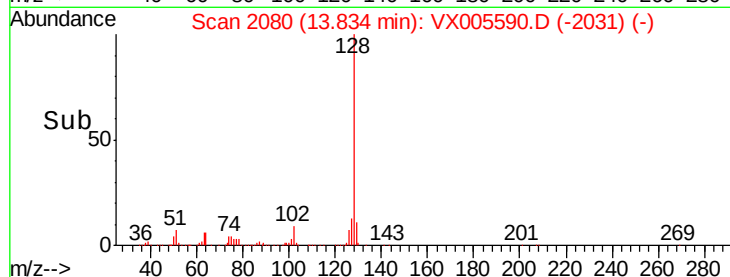
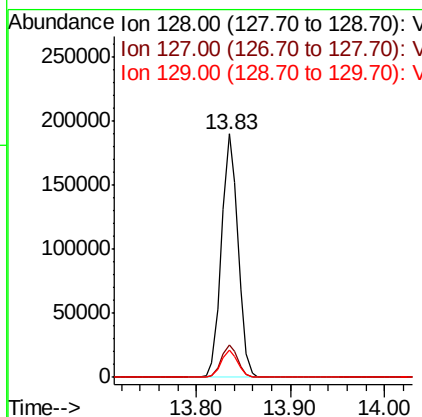
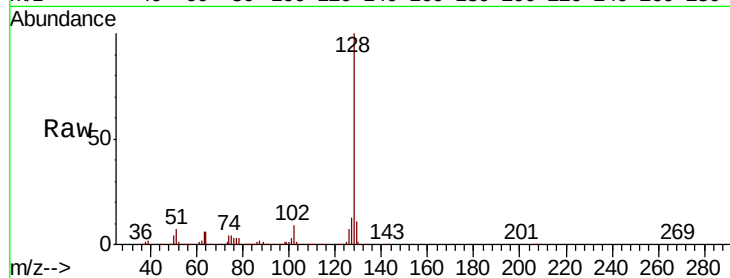
ClientSampleId :

VX1025WBSD01

Tot Ion:	128	Resp:	231313
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/26/2018 10:02:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.627 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion:	180	Resp:	77242
Ion Ratio	Lower	Upper	
180	100		
182	97.5	48.0	144.2
145	30.2	15.1	45.3

