

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002785.D
 Acq On : 21 Jun 2018 13:50
 Operator : JC/MD
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Manual Integrations
 APPROVED

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 6/22/2018 1:59:21 PM

Quant Time: Jun 22 01:28:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158687	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	5.51	113	125908	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	8.72	98	450783	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
62) 4-Bromofluorobenzene	11.14	95	170251	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46222	17.98	ug/l	100
3) Chloromethane	1.32	50	48333	15.81	ug/l	98
4) Vinyl Chloride	1.40	62	52244	16.47	ug/l	98
5) Bromomethane	1.64	94	25211	13.17	ug/l	99
6) Chloroethane	1.72	64	38055	18.20	ug/l	99
7) Trichlorofluoromethane	1.93	101	91704	17.79	ug/l	99
8) Diethyl Ether	2.19	74	32931	16.80	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52730	18.30	ug/l	99
10) Methyl Iodide	2.51	142	38201	13.99	ug/l	99
11) Tert butyl alcohol	3.08	59	69599	91.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46455	17.17	ug/l	99
13) Acrolein	2.29	56	29349	86.91	ug/l	99
14) Allyl chloride	2.73	41	91676	17.07	ug/l	98
15) Acrylonitrile	3.15	53	142591	85.91	ug/l	98
16) Acetone	2.45	43	148758	91.64	ug/l	99
17) Carbon Disulfide	2.57	76	118407	18.45	ug/l	99
18) Methyl Acetate	2.78	43	80847	18.70	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	169411	16.69	ug/l	100
20) Methylene Chloride	2.86	84	54300	16.31	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	49050	16.71	ug/l	94
22) Diisopropyl ether	3.87	45	170025	17.50	ug/l	95
23) Vinyl Acetate	3.83	43	724348	89.05	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96975	18.39	ug/l	99
25) 2-Butanone	4.71	43	206014	96.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	71949	18.98	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54197	18.15	ug/l	98
28) Bromochloromethane	5.02	49	38436	15.56	ug/l	95
29) Tetrahydrofuran	5.17	42	128366	91.88	ug/l	98
30) Chloroform	5.22	83	95692	18.81	ug/l	96
31) Cyclohexane	5.57	56	77739	17.90	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	82611	19.42	ug/l	99
36) 1,1-Dichloropropene	5.81	75	66921	19.13	ug/l	99
37) Ethyl Acetate	4.87	43	77533	19.58	ug/l	100
38) Carbon Tetrachloride	5.78	117	74185	21.30	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78257	19.14	ug/l	98
40) Benzene	6.15	78	201961	19.25	ug/l	100
41) Methacrylonitrile	5.06	41	43328	19.38	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81197	19.99	ug/l	99
43) Isopropyl Acetate	6.47	43	122685	18.70	ug/l	99
44) Trichloroethene	7.21	130	58014	19.16	ug/l	96
45) 1,2-Dichloropropane	7.52	63	52969	19.19	ug/l	99
46) Dibromomethane	7.67	93	36825	19.94	ug/l	96
47) Bromodichloromethane	7.90	83	68118	20.91	ug/l	99
48) Methyl methacrylate	7.78	41	63977	19.08	ug/l	97
49) 1,4-Dioxane	7.76	88	26333	414.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	412520	97.94	ug/l	99
52) Toluene	8.79	92	130279	19.47	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	75897	19.15	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	69588	19.04	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	53617	19.83	ug/l	98
56) Ethyl methacrylate	9.18	69	77211	18.56	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88318	19.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	181615	90.24	ug/l	99
59) 2-Hexanone	9.50	43	316396	99.68	ug/l	98
60) Dibromochloromethane	9.59	129	54844	20.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56334	20.12	ug/l	100
64) Tetrachloroethene	9.34	164	66256	18.84	ug/l	98
65) Chlorobenzene	10.14	112	149753	19.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54119	20.40	ug/l	99
67) Ethyl Benzene	10.26	91	249223	18.99	ug/l	99
68) m/p-Xylenes	10.36	106	195859	38.69	ug/l	98
69) o-Xylene	10.70	106	94331	18.97	ug/l	98
70) Styrene	10.71	104	156059	19.08	ug/l	99
71) Bromoform	10.86	173	41120	20.22	ug/l #	100
73) Isopropylbenzene	11.02	105	258536	19.53	ug/l	100
74) N-amyl acetate	6.47	43	122685	18.66	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	80133	20.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78153m	20.93	ug/l	
77) Bromobenzene	11.26	156	72583	19.68	ug/l	96
78) n-propylbenzene	11.37	91	292663	19.28	ug/l	100
79) 2-Chlorotoluene	11.43	91	174582	19.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	216834	19.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19293	19.33	ug/l	91
82) 4-Chlorotoluene	11.51	91	205975	19.26	ug/l	99
83) tert-Butylbenzene	11.77	119	212150	19.69	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223135	19.55	ug/l	98
85) sec-Butylbenzene	11.95	105	257539	19.22	ug/l	100
86) p-Isopropyltoluene	12.07	119	232575	19.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	129269	19.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133615	19.42	ug/l	99
89) n-Butylbenzene	12.39	91	197368	18.45	ug/l	99
90) Hexachloroethane	12.60	117	32287	18.81	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	131796	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16957	20.71	ug/l	99

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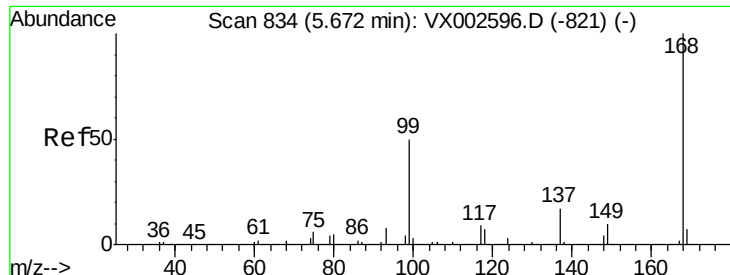
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93759	18.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	49021	18.84	ug/l	99
95) Naphthalene	13.84	128	257388	19.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97172	19.59	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion:168 Resp: 242113

Ion Ratio Lower Upper

168 100

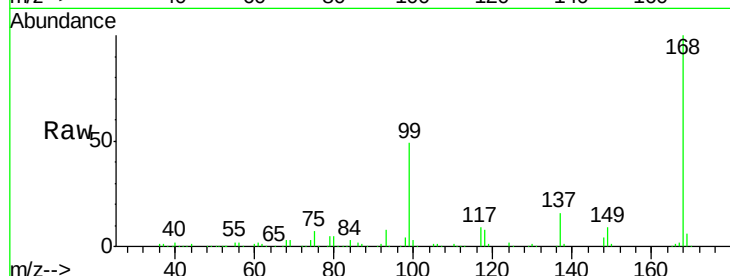
99 48.7 39.3 58.9

Manual Integrations

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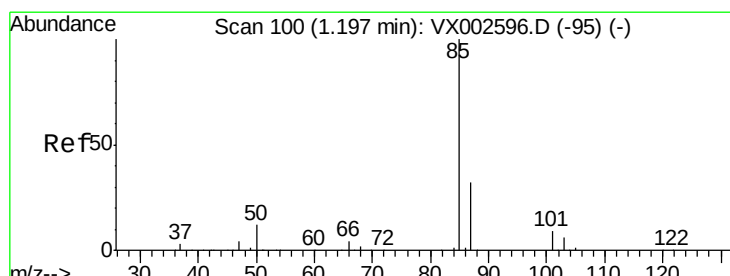
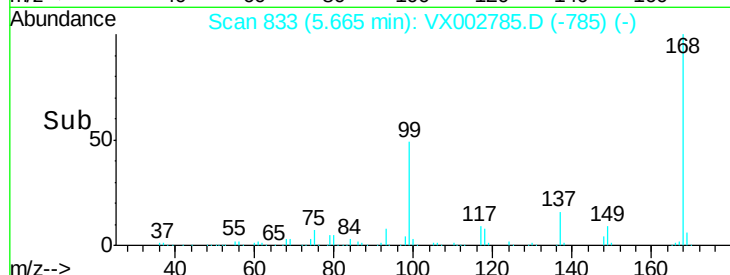
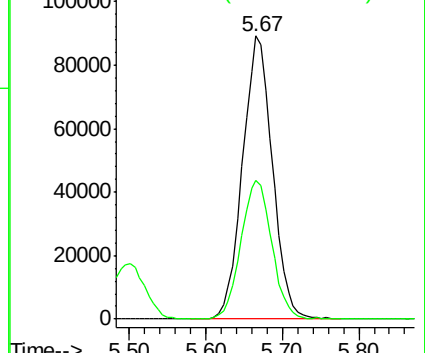
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002785.D

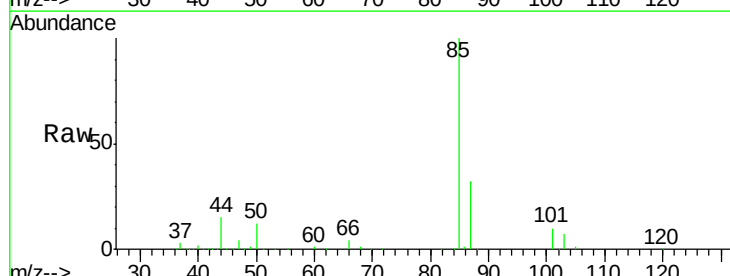
Acq: 21 Jun 2018 13:50

Tgt Ion: 85 Resp: 46222

Ion Ratio Lower Upper

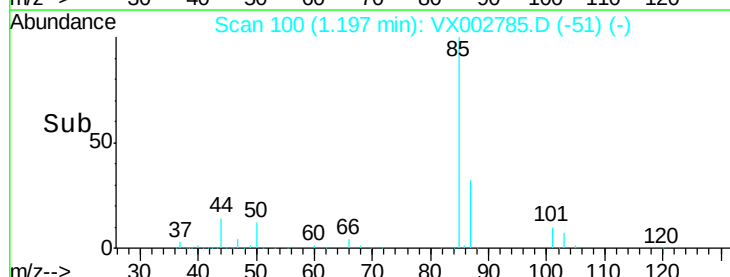
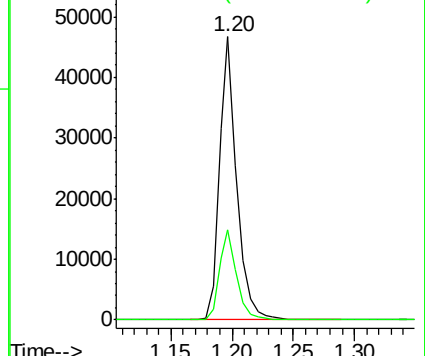
85 100

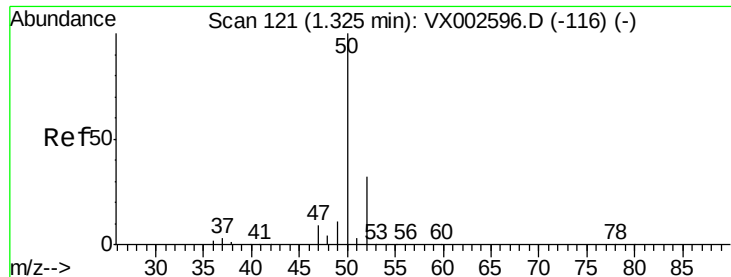
87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 50 Resp: 48333

Ion Ratio Lower Upper

50 100

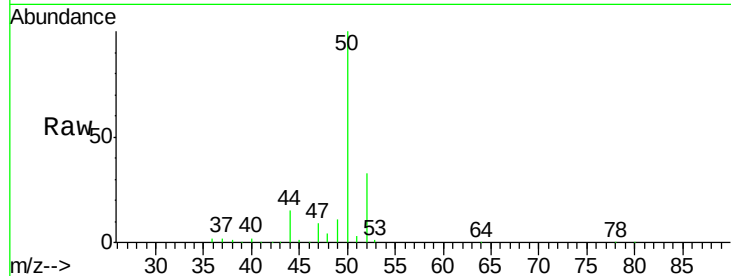
52 33.0 25.7 38.5

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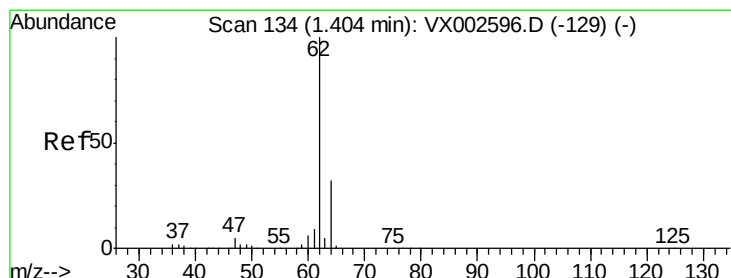
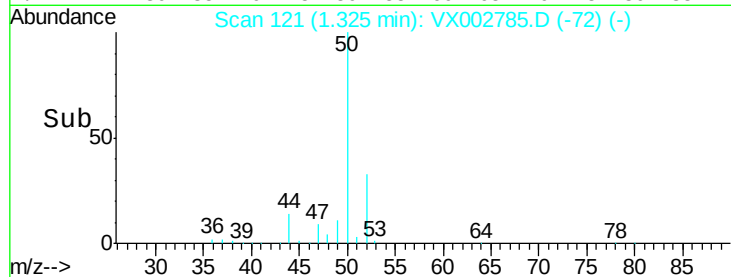
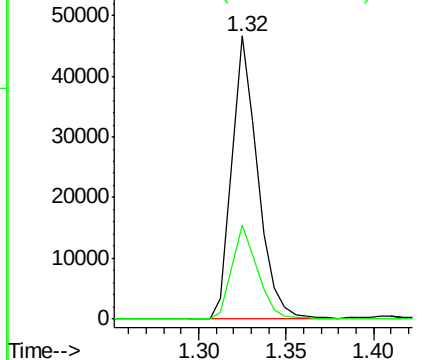
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.47 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002785.D

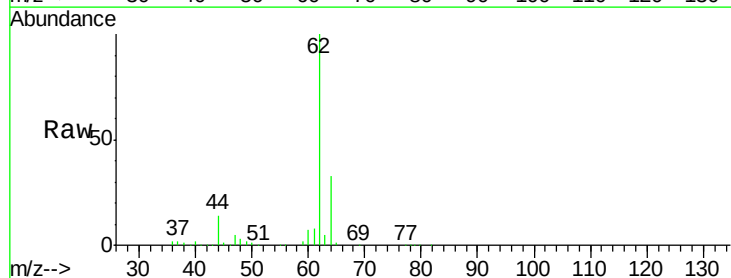
Acq: 21 Jun 2018 13:50

Tgt Ion: 62 Resp: 52244

Ion Ratio Lower Upper

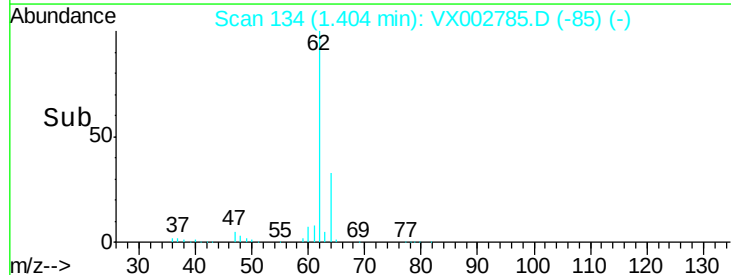
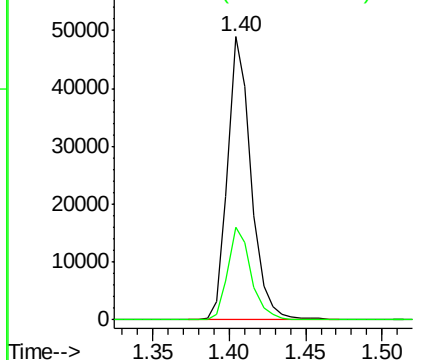
62 100

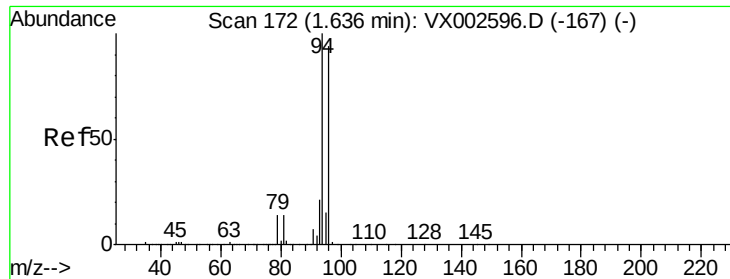
64 32.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.17 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 94 Resp: 25211

Ion Ratio Lower Upper

94 100

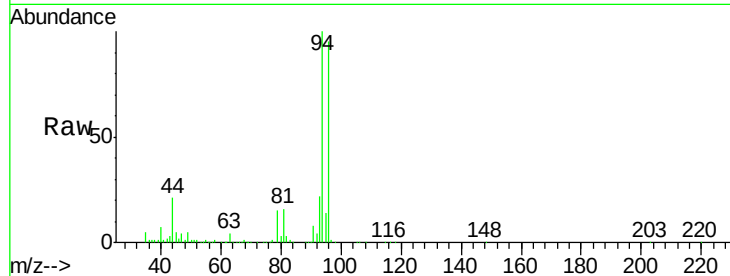
96 95.0 74.9 112.3

Manual Integrations

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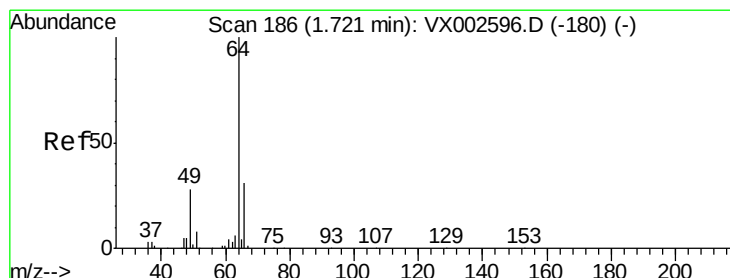
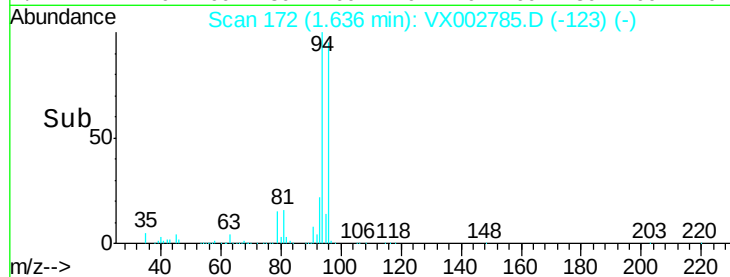
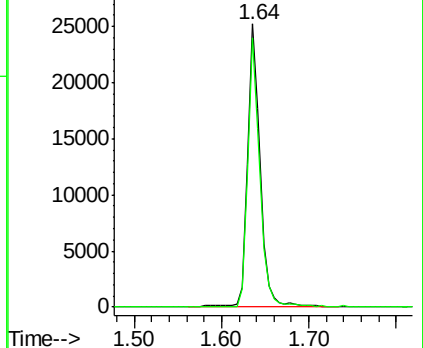
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.20 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002785.D

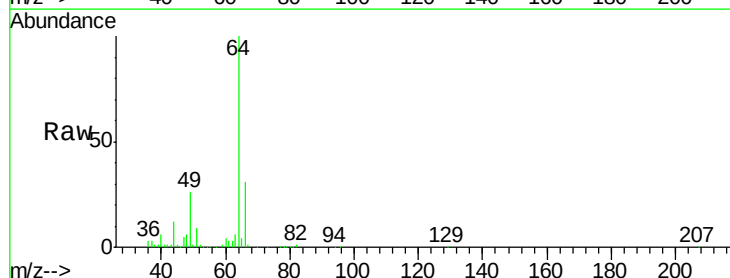
Acq: 21 Jun 2018 13:50

Tgt Ion: 64 Resp: 38055

Ion Ratio Lower Upper

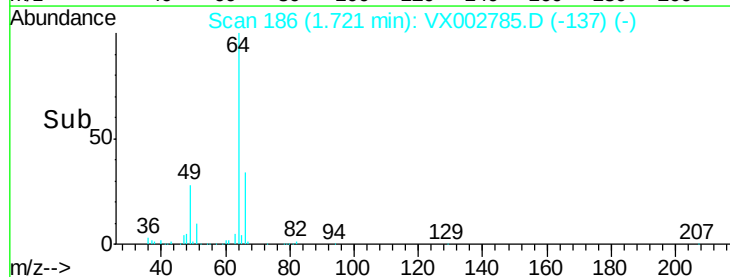
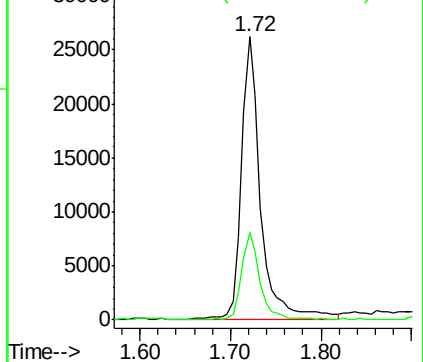
64 100

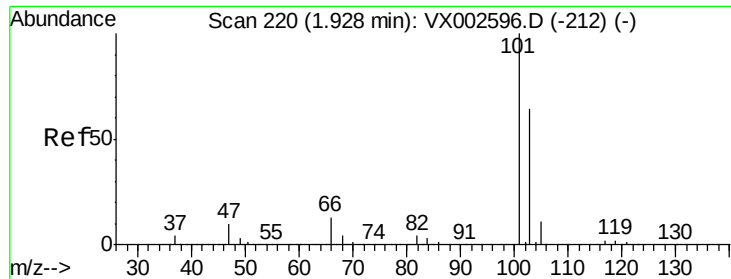
66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

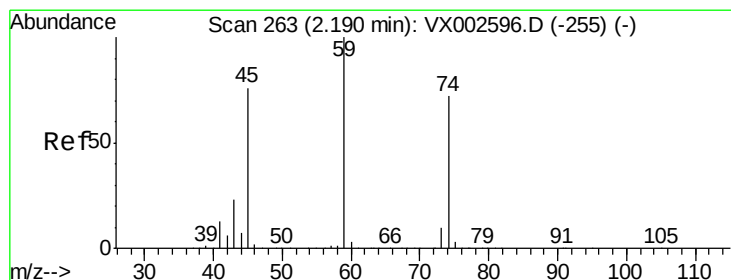
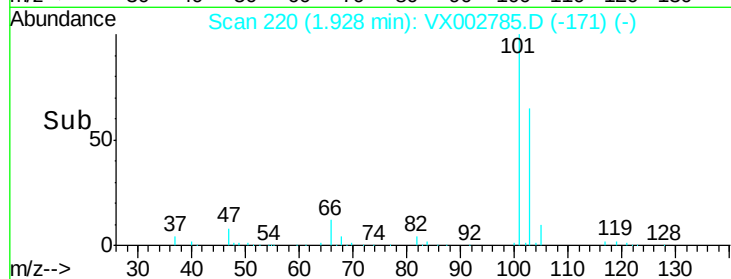
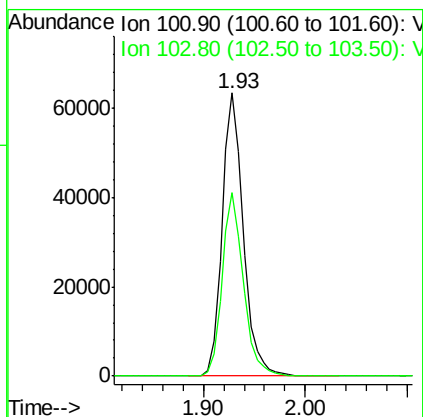
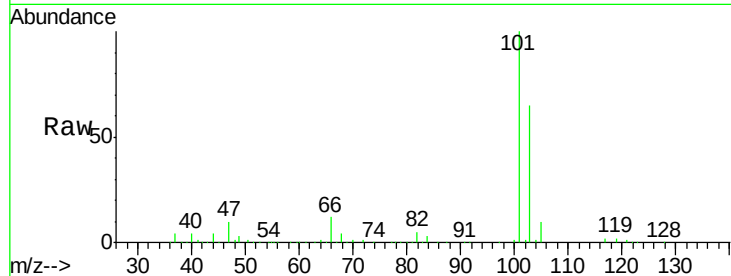
Trichlorofluoromethane
Concen: 17.79 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
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ClientSampleId :
VX0621WBS01

Tot Ion:101 Resp: 91704
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2

Manual Integrations
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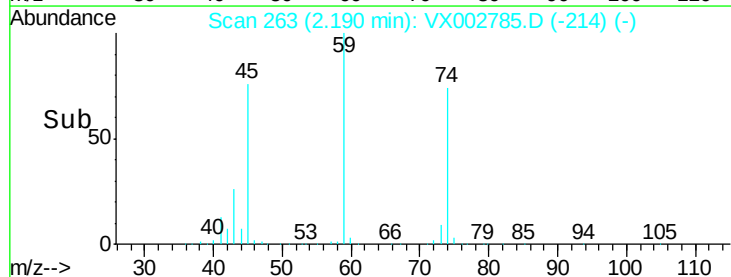
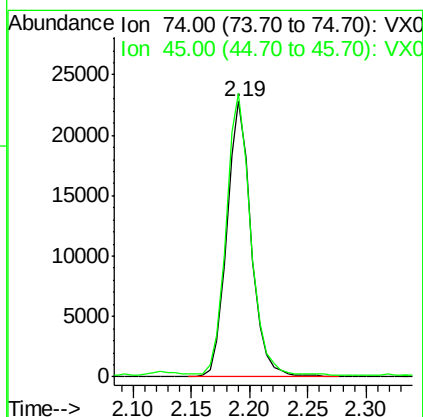
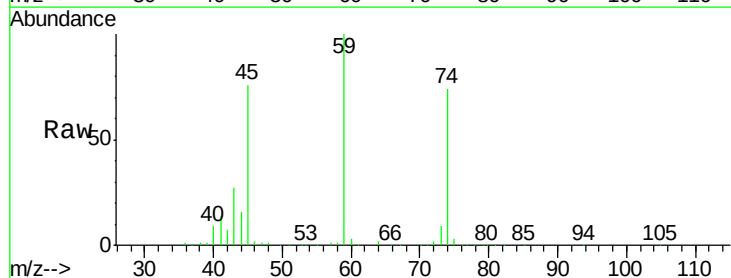
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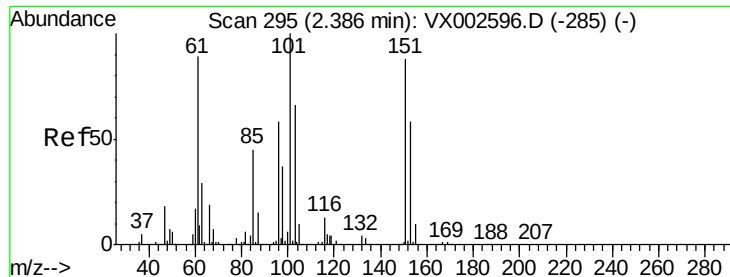


#8

Diethyl Ether
Concen: 16.80 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 74 Resp: 32931
Ion Ratio Lower Upper
74 100
45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.30 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

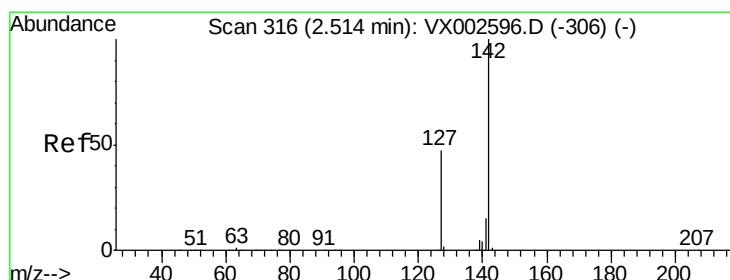
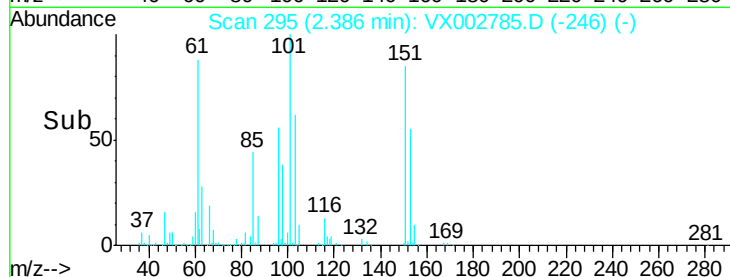
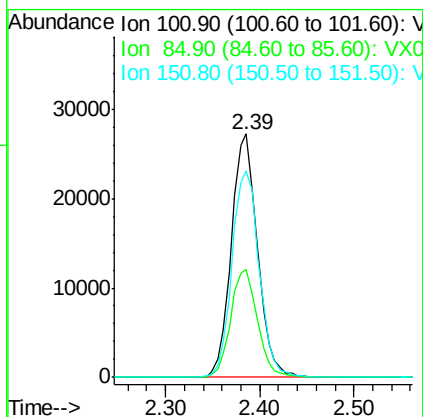
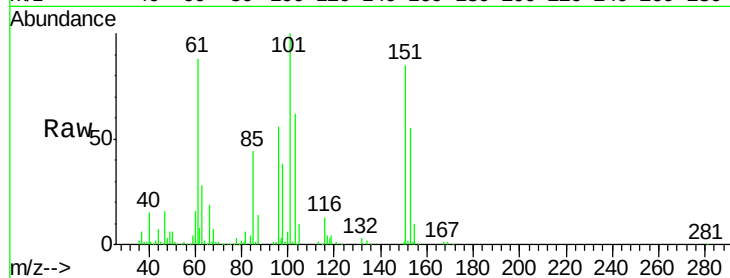
ClientSampleId :

VX0621WBS01

Tot Ion:	101	Resp:	52730
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	88.0	70.9	106.3

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#10

Methyl Iodide

Concen: 13.99 ug/l

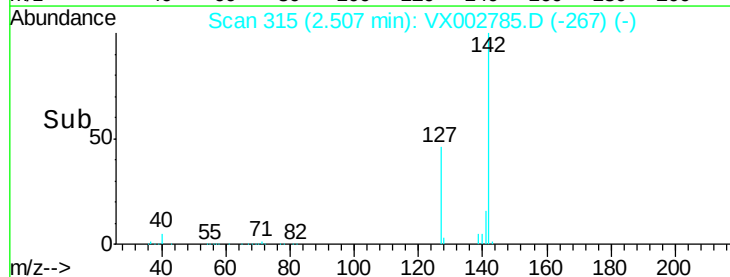
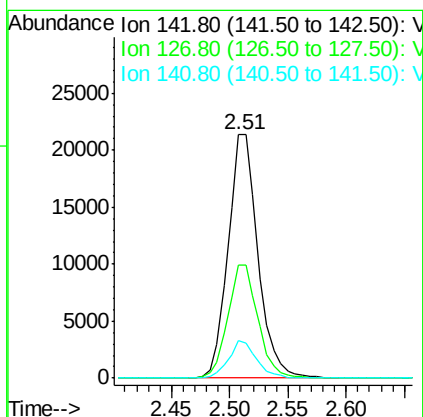
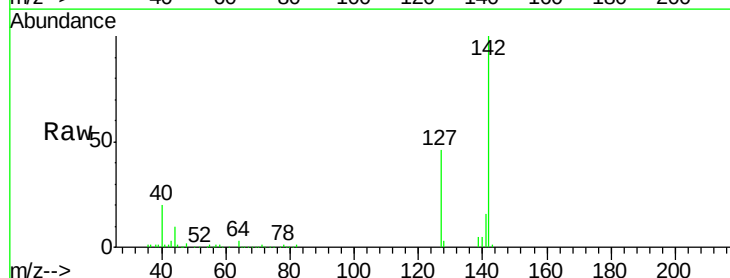
RT: 2.51 min Scan# 315

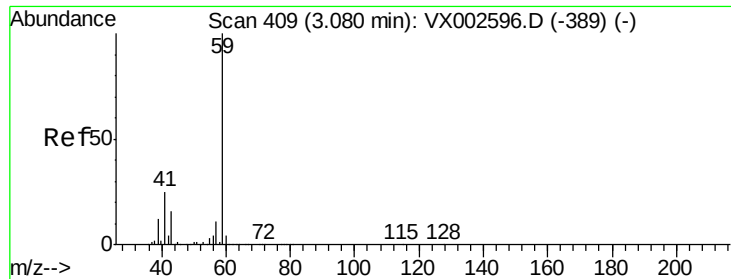
Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	142	Resp:	38201
Ion Ratio	Lower	Upper	
142	100		
127	46.8	36.6	55.0
141	14.5	11.3	16.9





#11

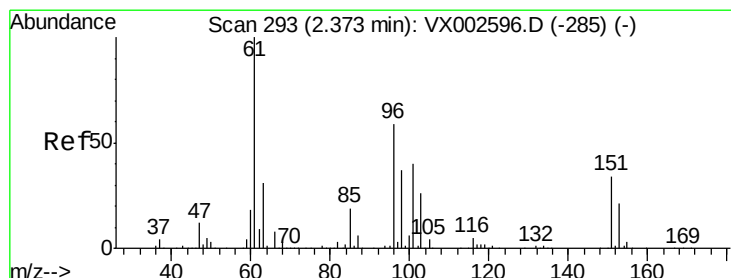
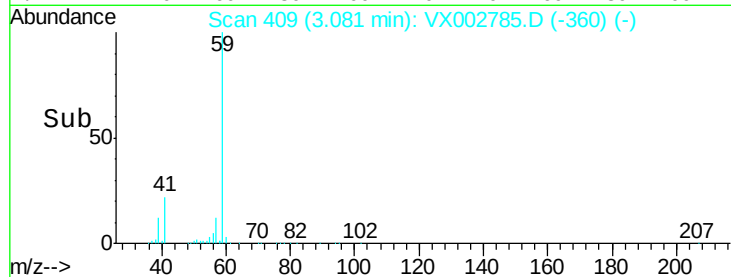
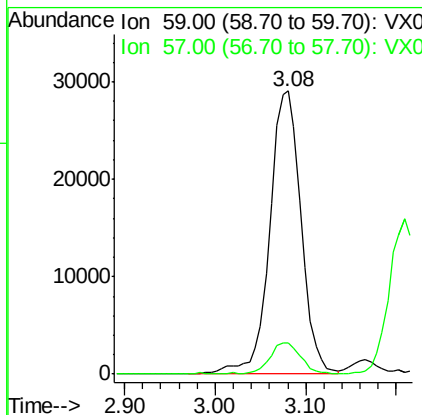
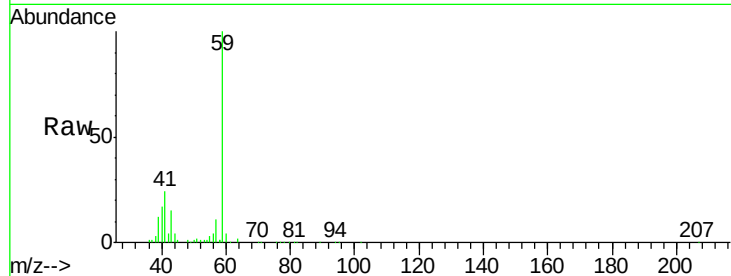
Tert butyl alcohol
 Concen: 91.51 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS01

Tot Ion	59	Resp	69599
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.2

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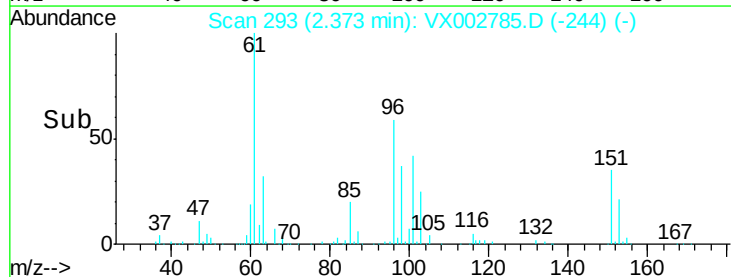
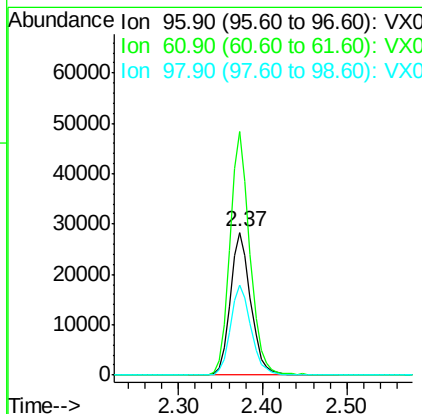
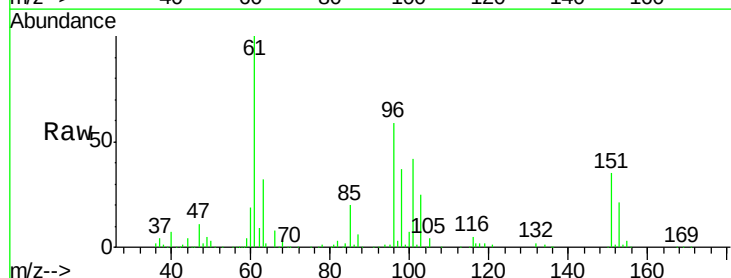
apatel
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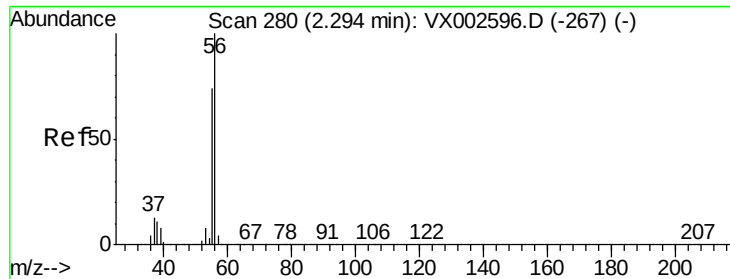


#12

1,1-Dichloroethene
 Concen: 17.17 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	96	Resp	46455
Ion Ratio	100	Lower	Upper
61	170.4	137.9	206.9
98	63.2	51.6	77.4





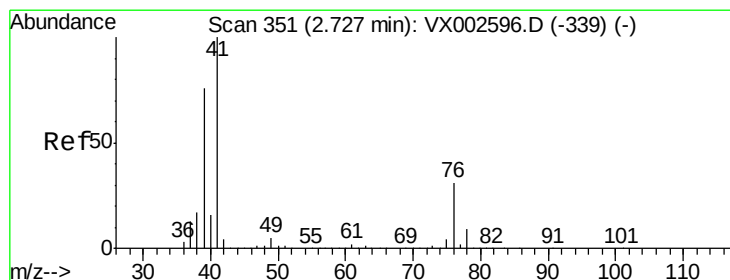
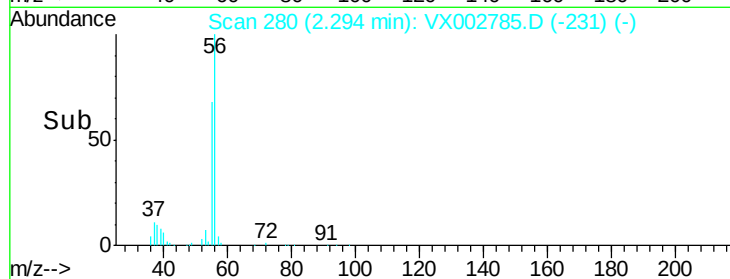
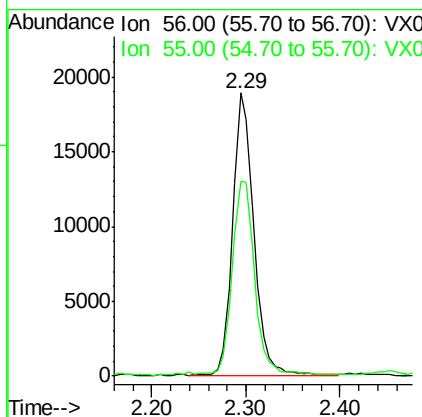
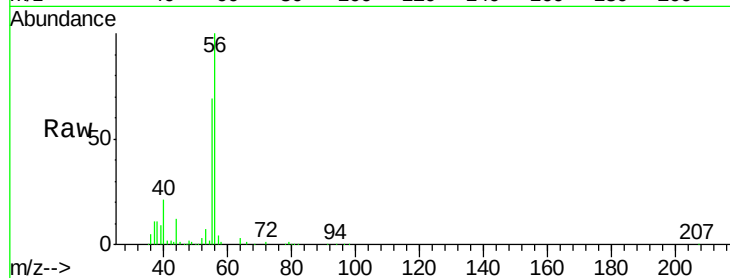
#13
Acrolein
Concen: 86.91 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	56	Resp	29349
Ion Ratio	100	Lower	Upper
55	72.1	57.0	85.4

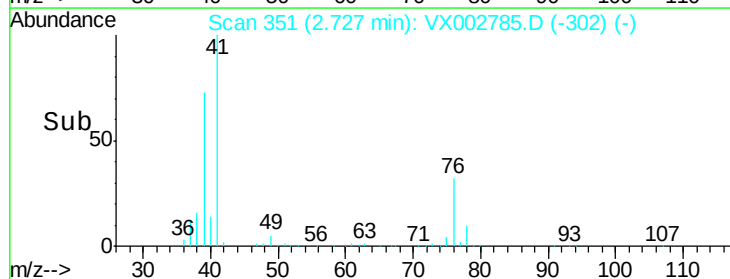
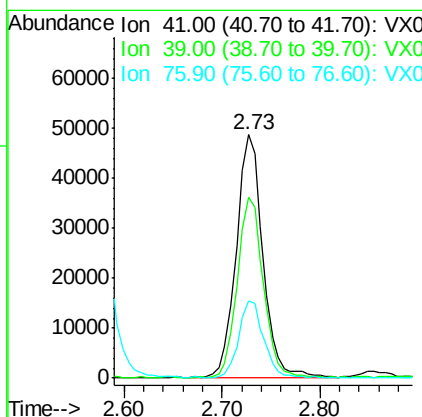
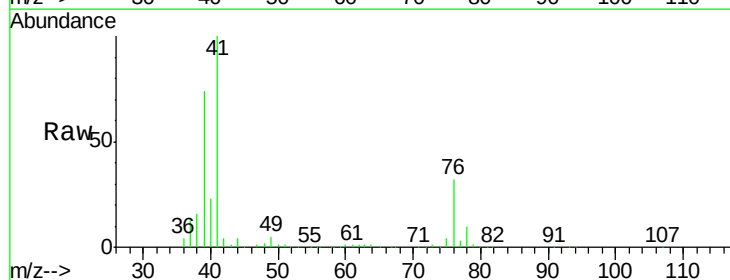
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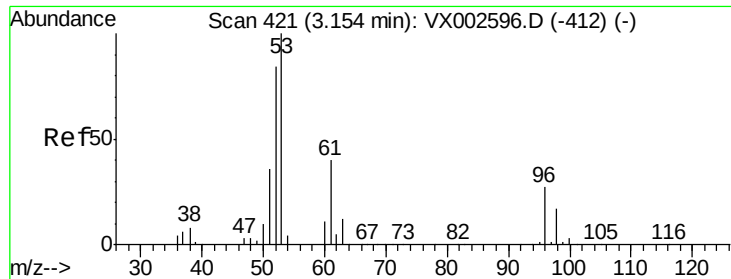
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#14
Allyl chloride
Concen: 17.07 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	41	Resp	91676
Ion Ratio	100	Lower	Upper
39	72.6	56.8	85.2
76	30.4	23.8	35.8





#15

Acrylonitrile

Concen: 85.91 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

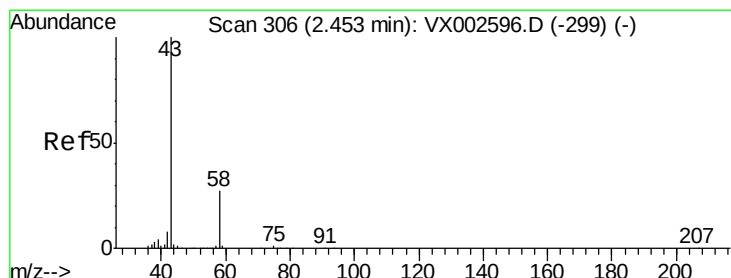
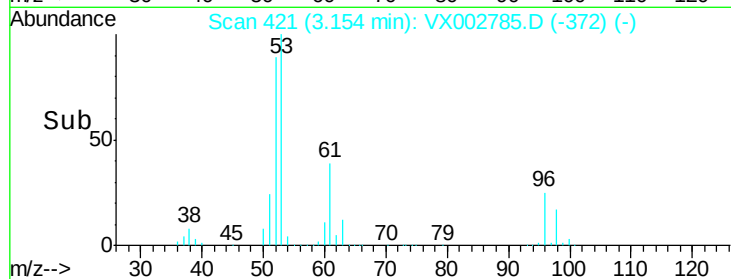
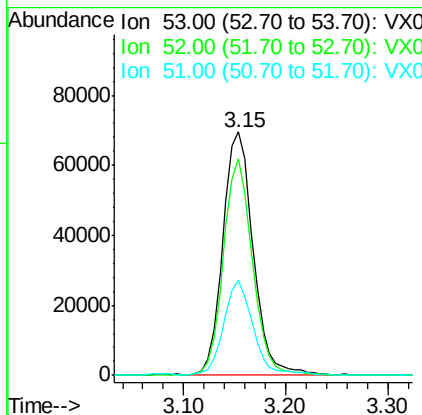
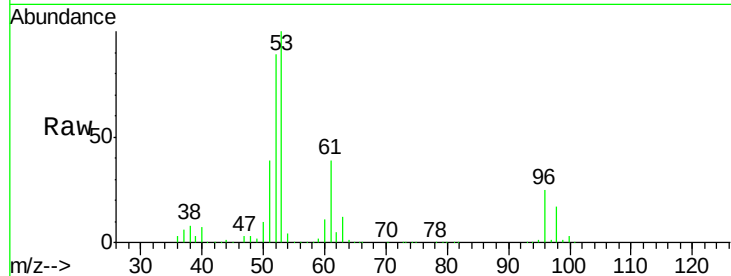
ClientSampleId :

VX0621WBS01

Tot Ion:	53	Resp:	142591
Ion Ratio	Lower	Upper	
53	100		
52	85.2	66.7	100.1
51	38.0	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 91.64 ug/l

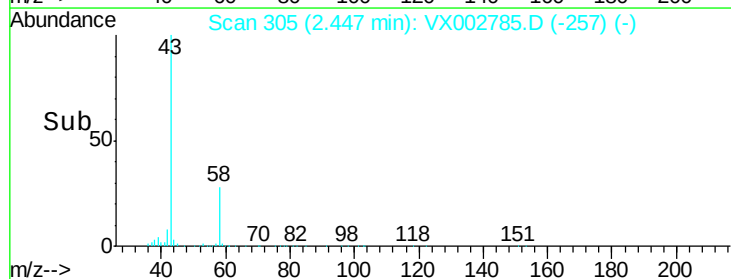
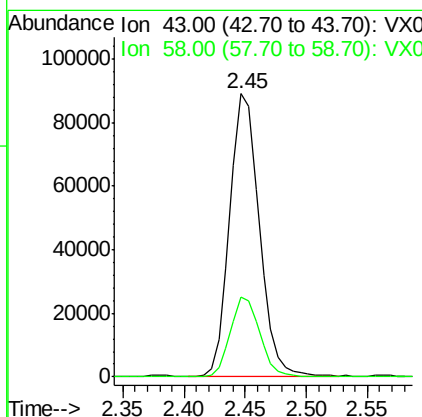
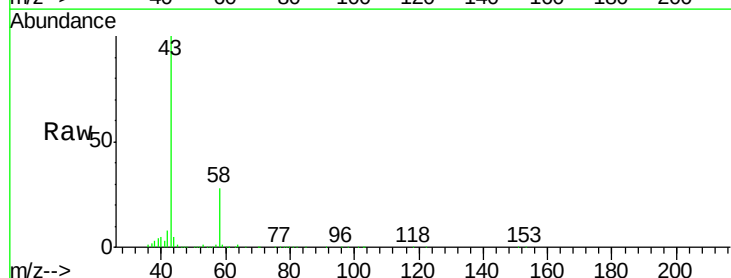
RT: 2.45 min Scan# 305

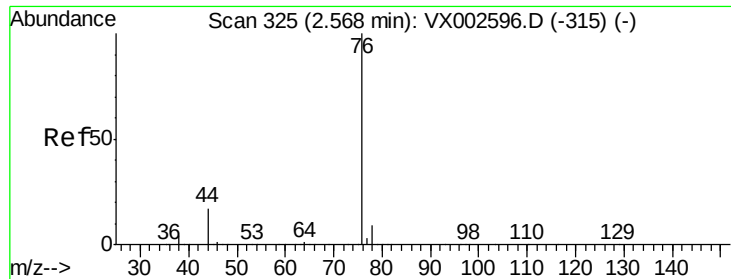
Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	43	Resp:	148758
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.1	33.1





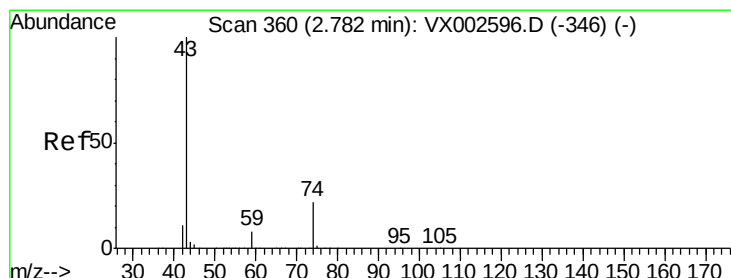
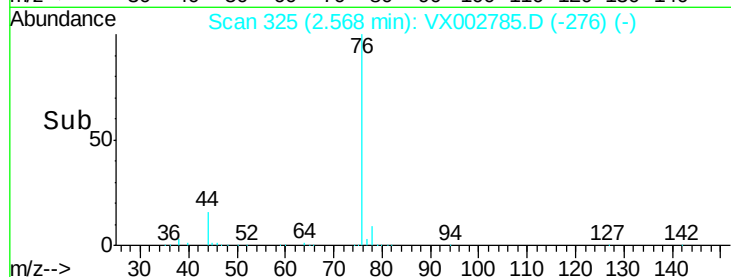
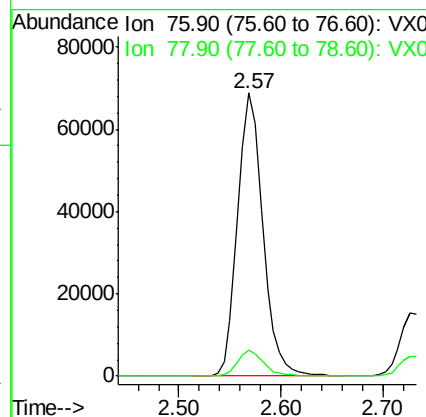
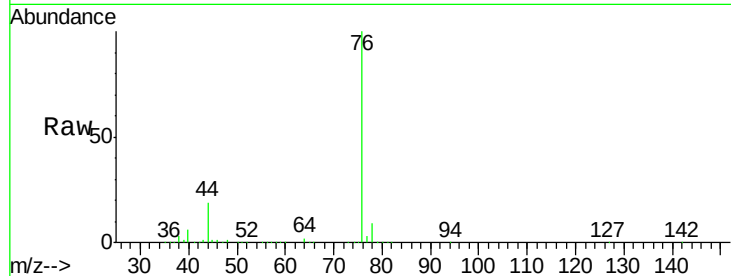
#17
Carbon Disulfide
Concen: 18.45 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

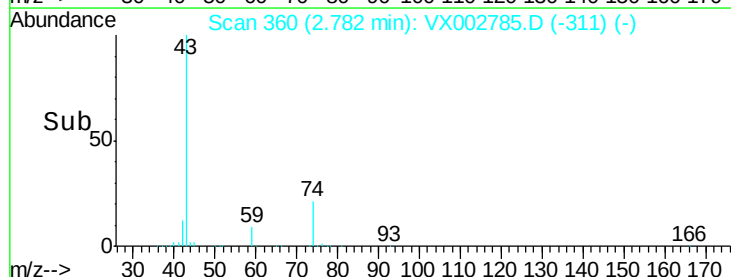
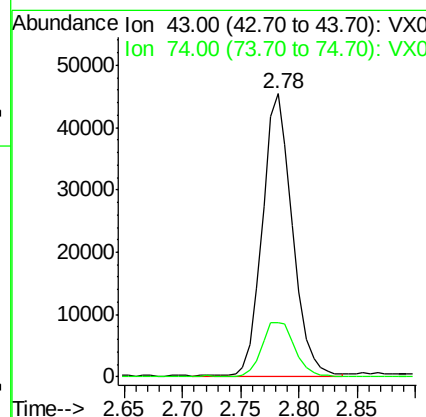
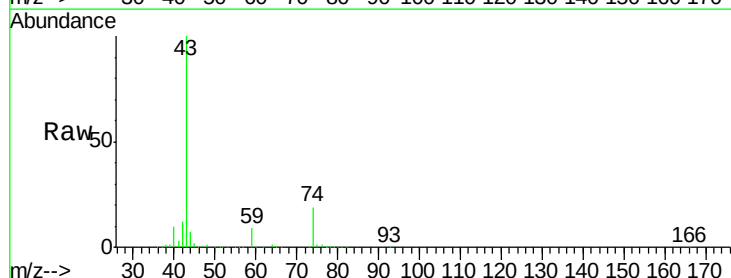
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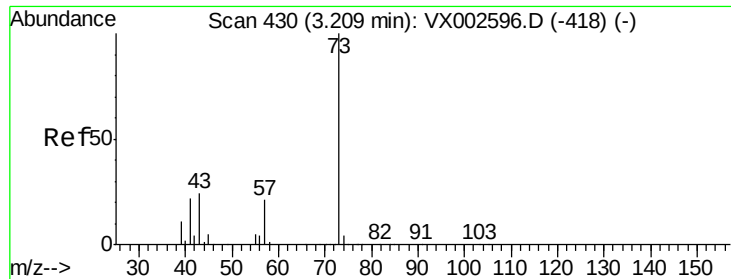
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#18
Methyl Acetate
Concen: 18.70 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.7	25.1





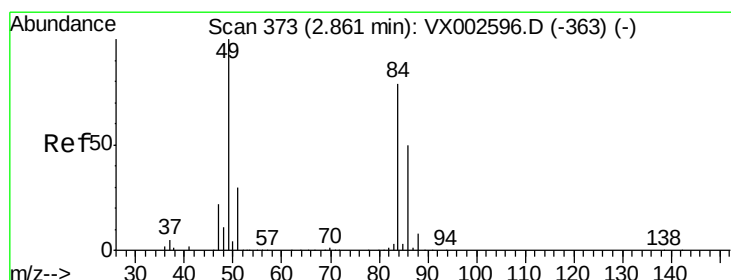
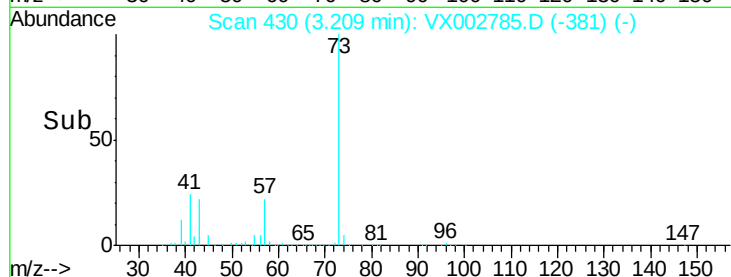
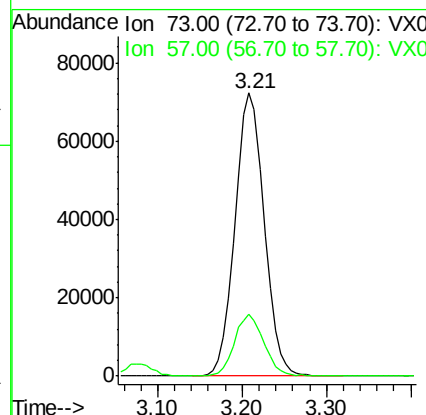
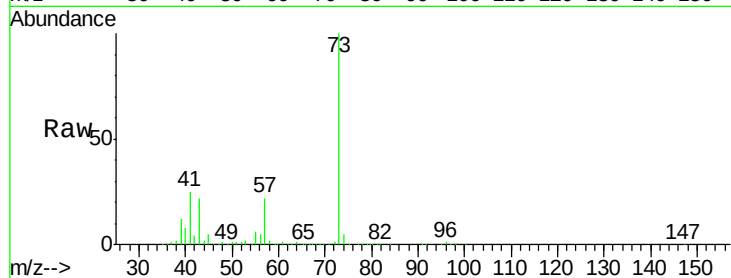
#19
Methyl tert-butyl Ether
Concen: 16.69 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion: 73 Resp: 169411
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

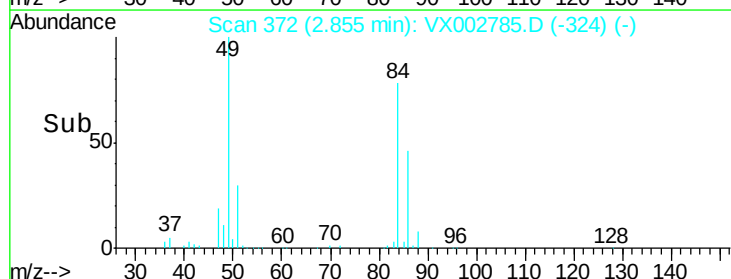
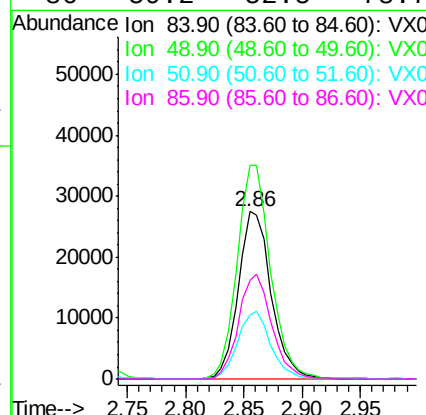
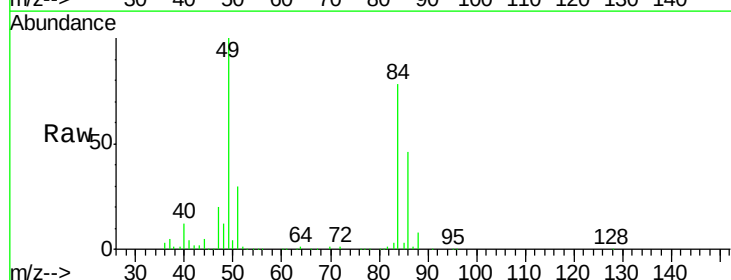
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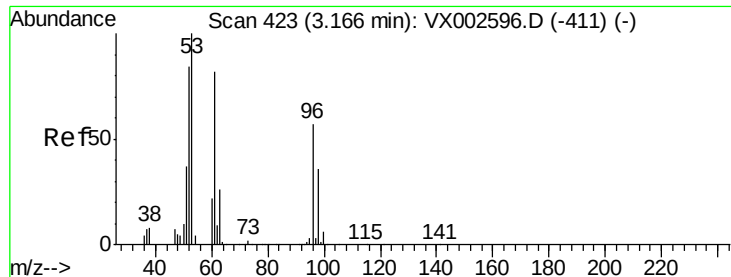
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#20
Methylene Chloride
Concen: 16.31 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 84 Resp: 54300
Ion Ratio Lower Upper
84 100
49 127.5 107.8 161.6
51 38.4 32.8 49.2
86 59.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

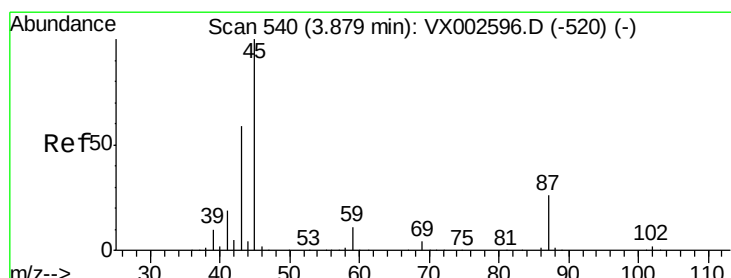
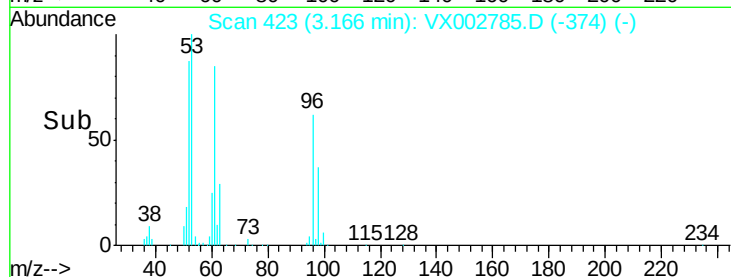
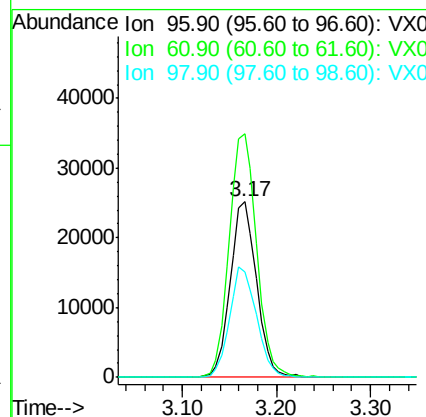
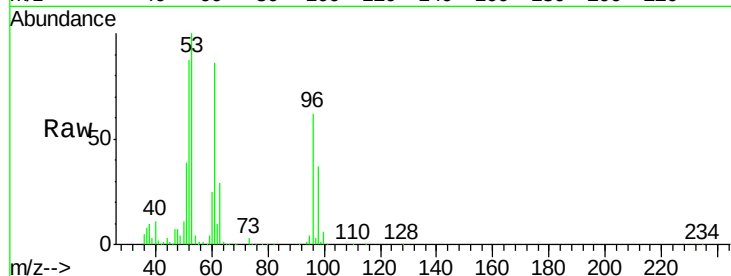
ClientSampleId :

VX0621WBS01

Tot Ion:	96	Resp:	49050
Ion	Ratio	Lower	Upper
96	100		
61	139.0	117.0	175.4
98	60.4	52.4	78.6

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#22

Diisopropyl ether

Concen: 17.50 ug/l

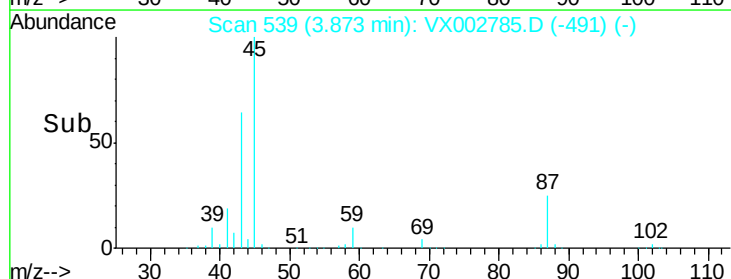
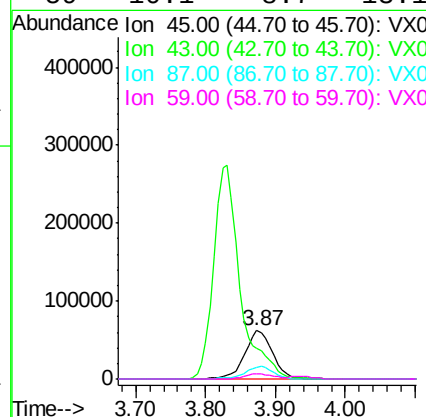
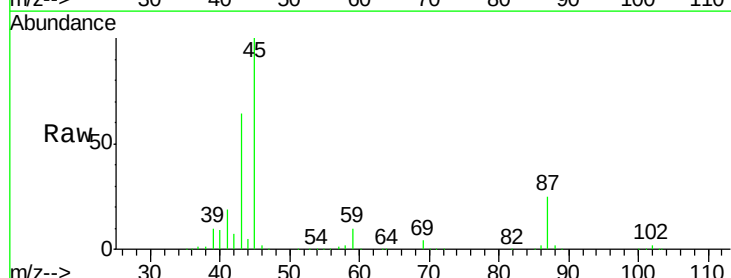
RT: 3.87 min Scan# 539

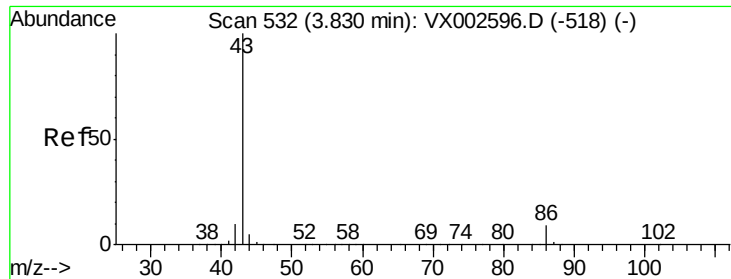
Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	45	Resp:	170025
Ion	Ratio	Lower	Upper
45	100		
43	63.6	46.8	70.2
87	25.3	20.2	30.4
59	10.1	8.7	13.1





#23

Vinyl Acetate

Concen: 89.05 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 43 Resp: 724348

Ion Ratio Lower Upper

43 100

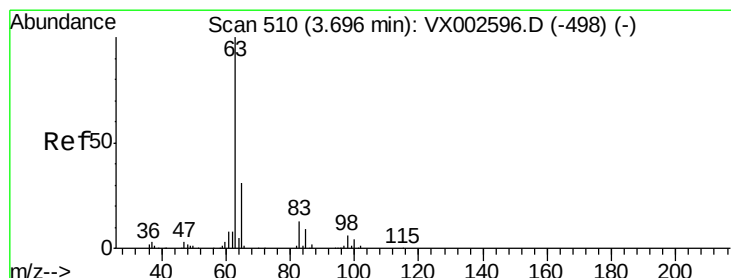
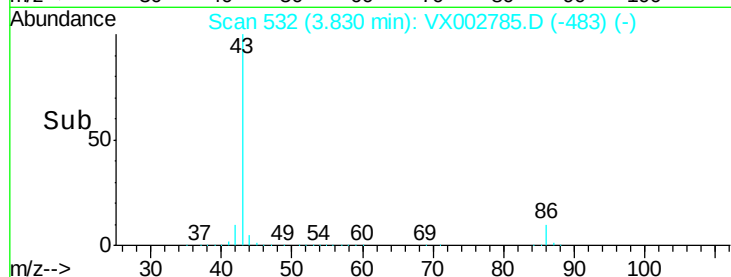
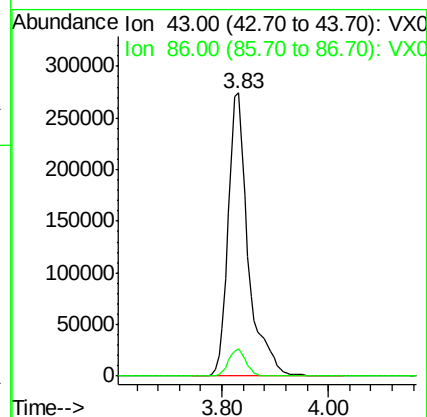
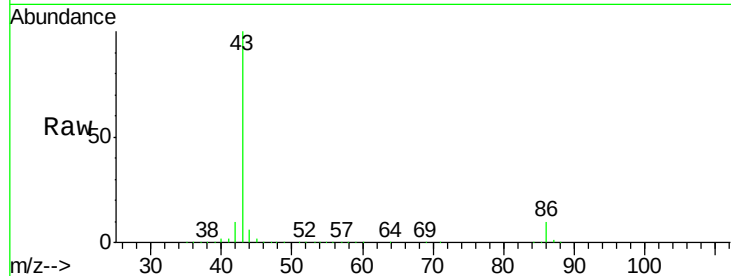
86 9.8 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 18.39 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

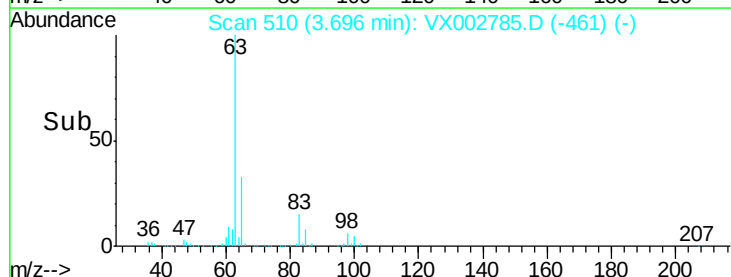
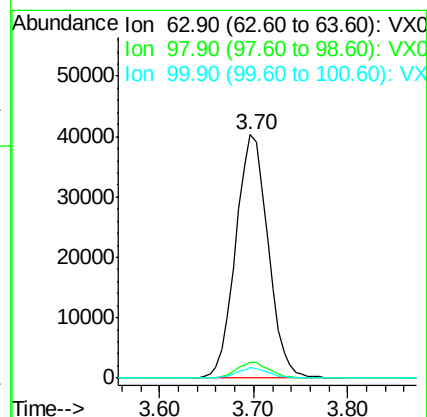
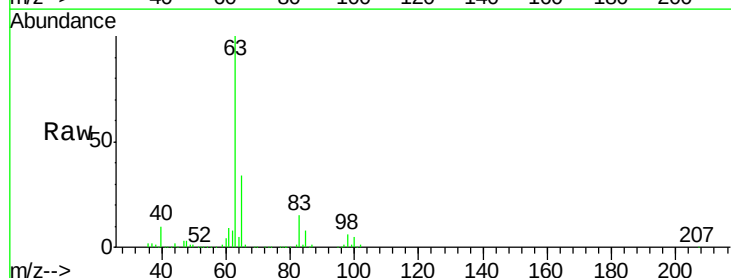
Tgt Ion: 63 Resp: 96975

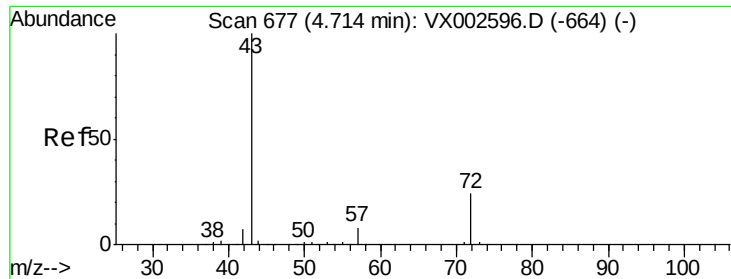
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.6 2.0 6.0





#25

2-Butanone

Concen: 96.64 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 43 Resp: 206014

Ion Ratio Lower Upper

43 100

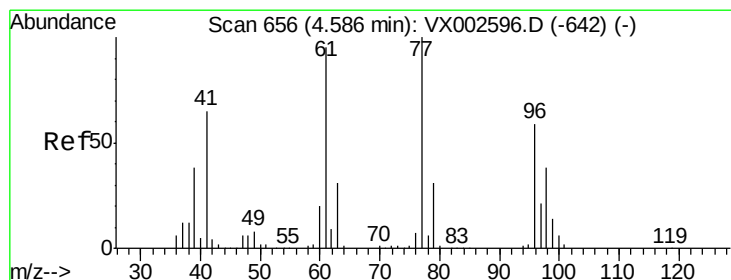
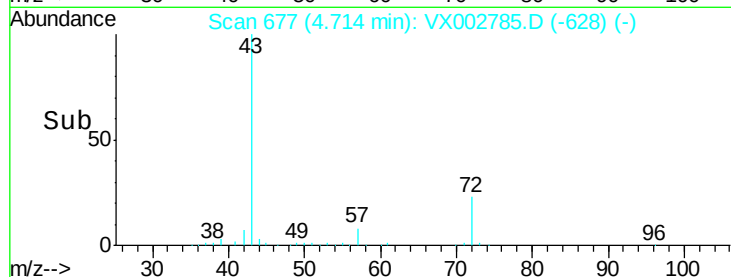
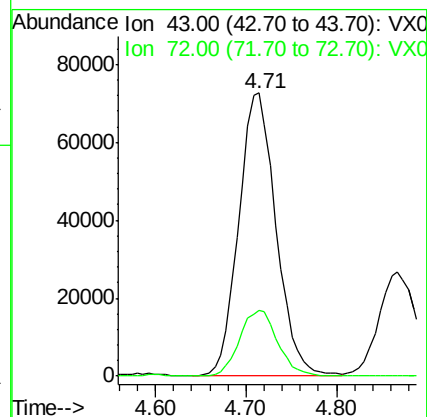
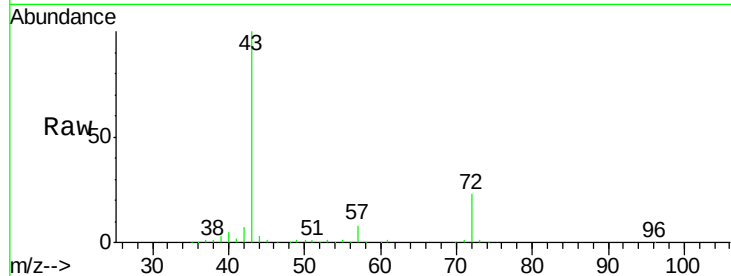
72 23.4 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.98 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002785.D

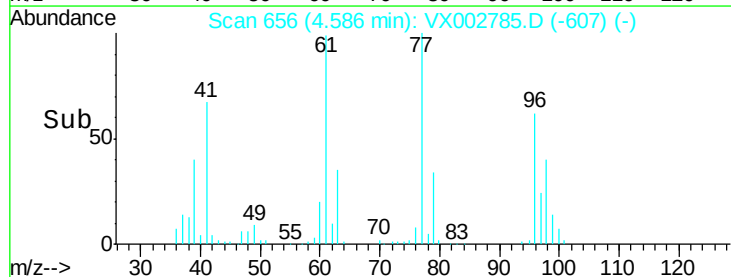
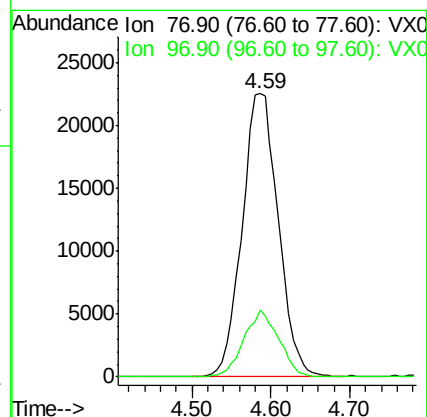
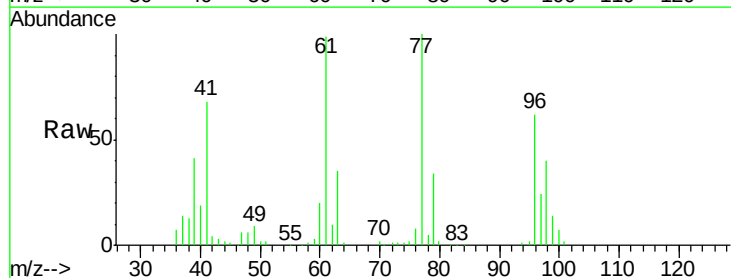
Acq: 21 Jun 2018 13:50

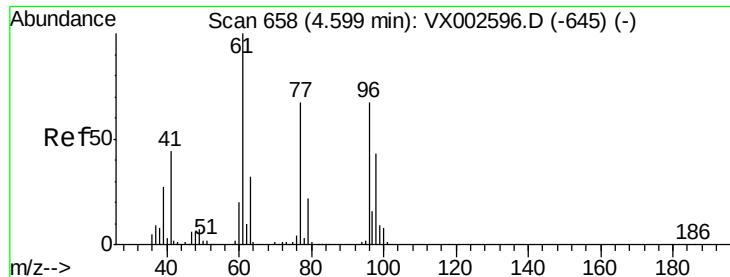
Tgt Ion: 77 Resp: 71949

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5





#27

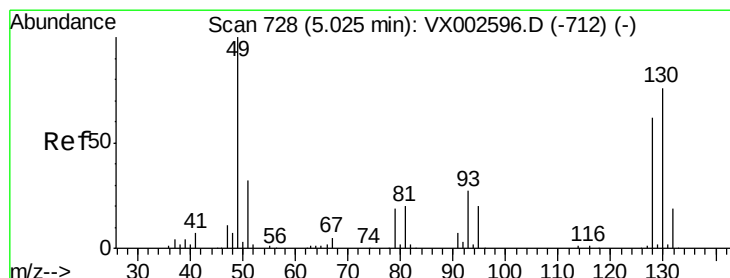
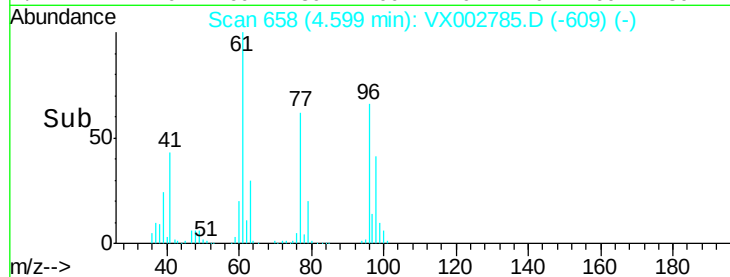
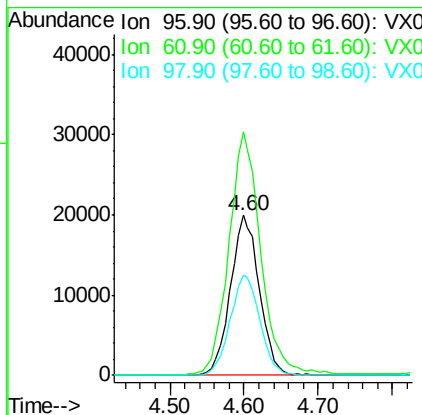
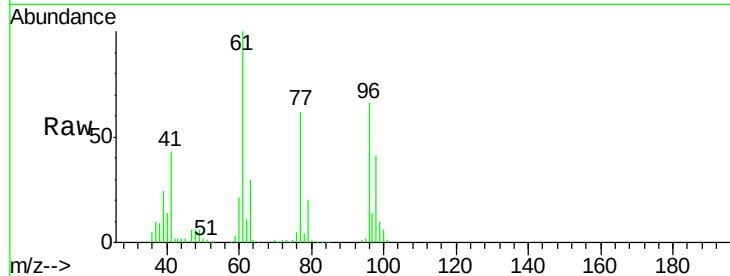
cis-1,2-Dichloroethene
Concen: 18.15 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.8	0.0	330.2
98	64.6	0.0	130.2

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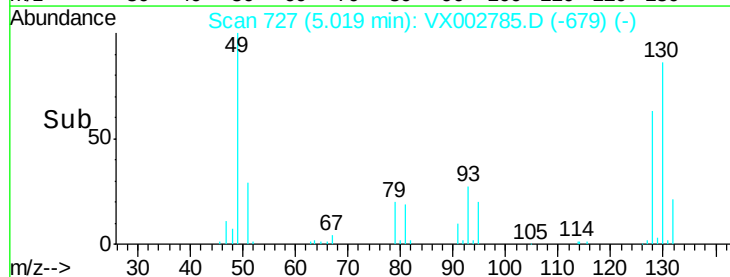
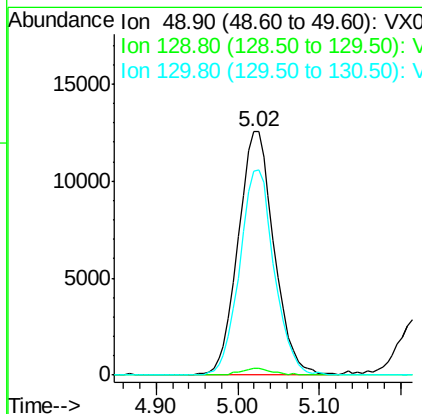
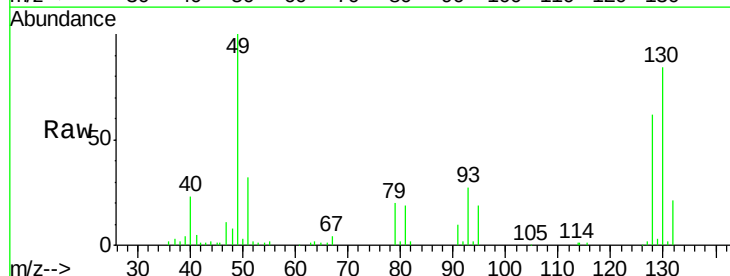
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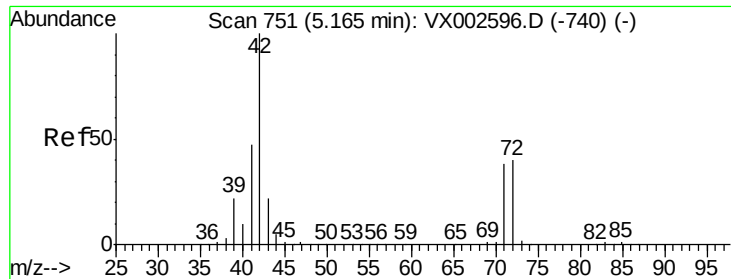


#28

Bromochloromethane
Concen: 15.56 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	81.1	61.2	91.8





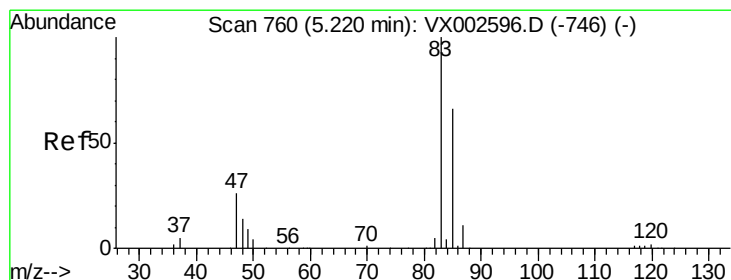
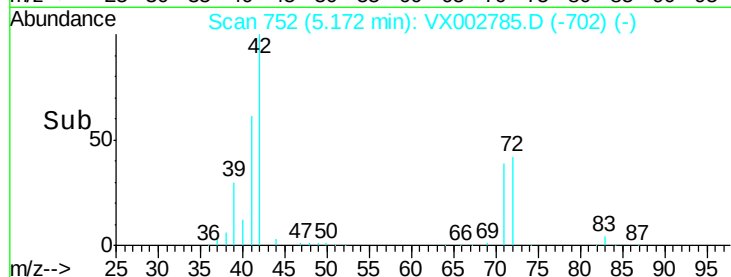
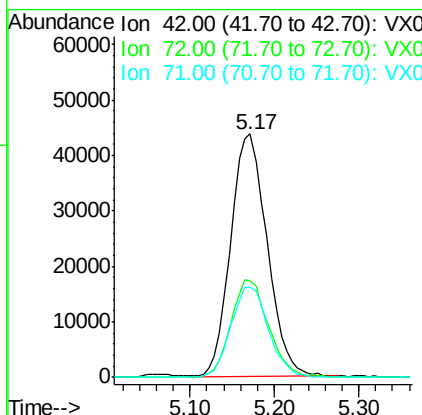
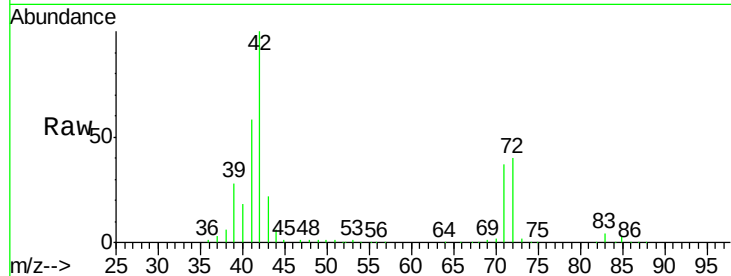
#29
Tetrahydrofuran
Concen: 91.88 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	38.6	30.1	45.1

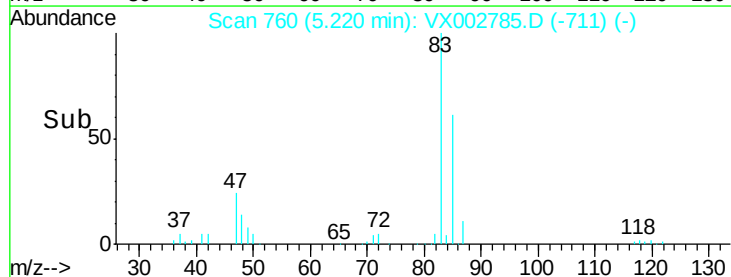
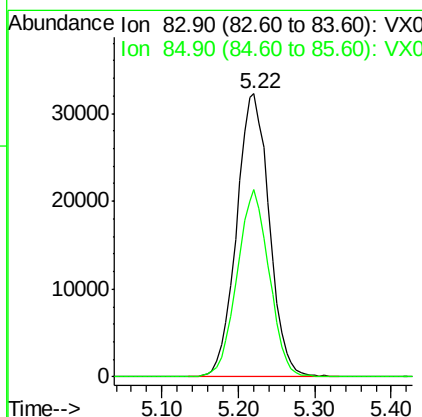
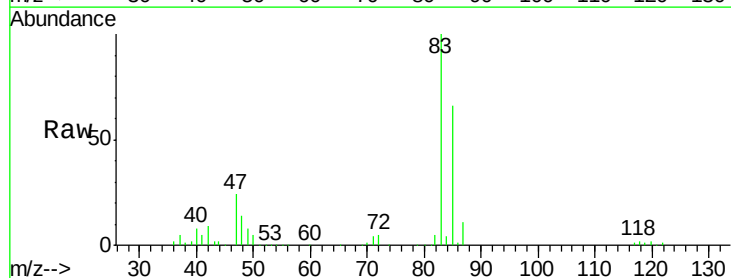
Manual Integrations
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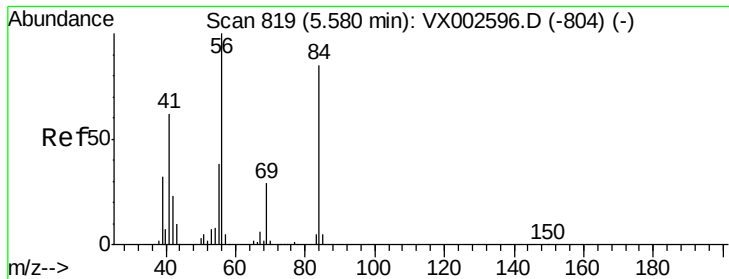
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#30
Chloroform
Concen: 18.81 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.4	75.6





#31

Cyclohexane

Concen: 17.90 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

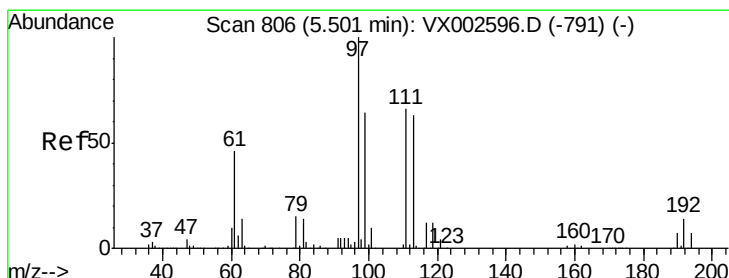
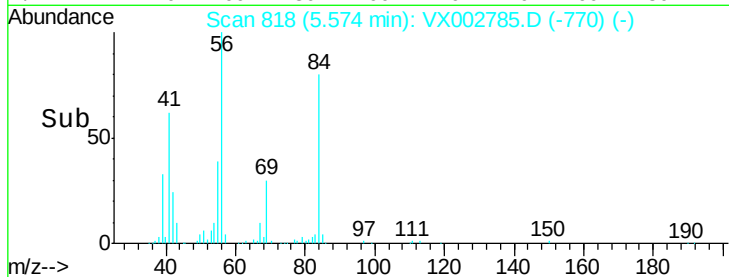
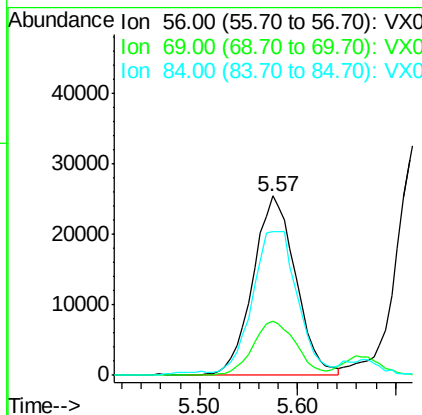
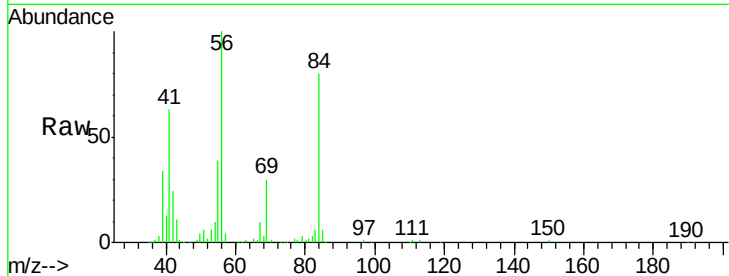
ClientSampleId :

VX0621WBS01

Tot Ion:	56	Resp:	77739
Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.7	35.5
84	78.8	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.42 ug/l

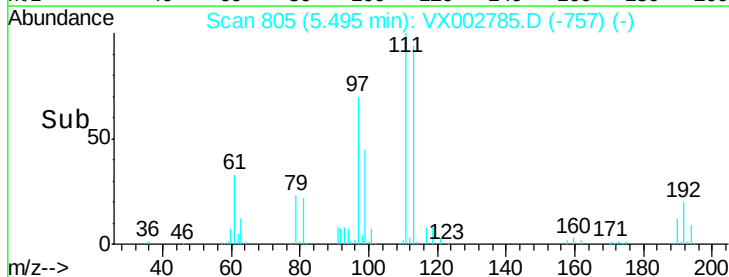
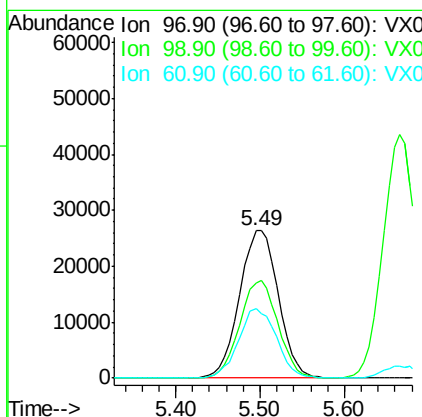
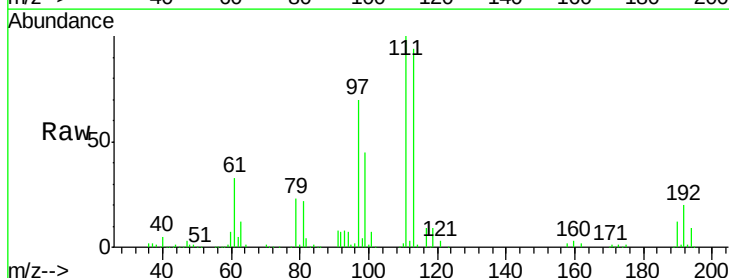
RT: 5.49 min Scan# 805

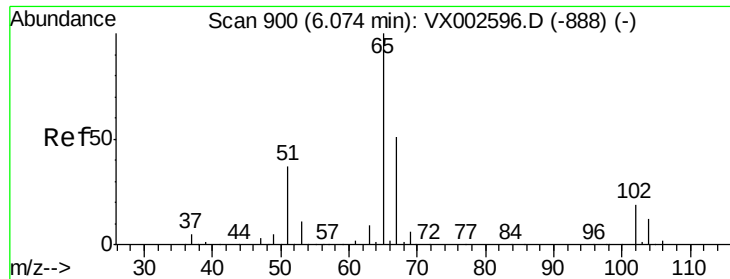
Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	97	Resp:	82611
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	46.5	36.4	54.6





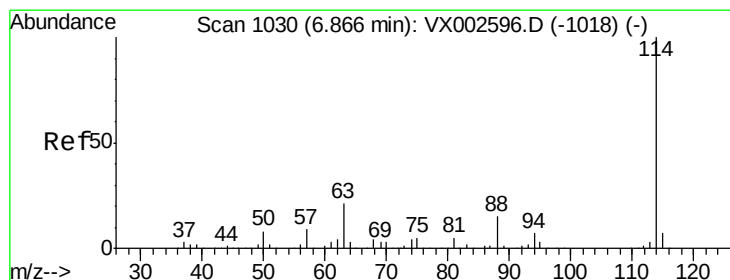
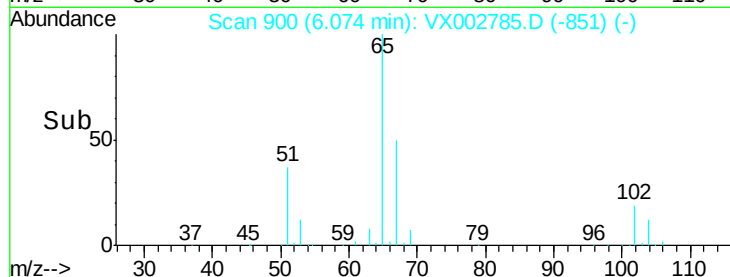
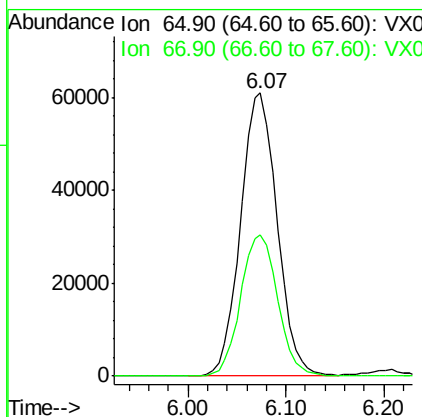
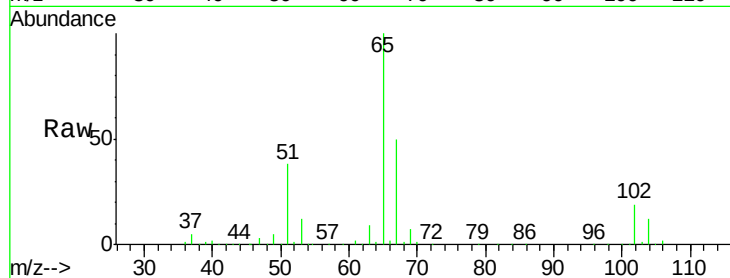
#33
 1,2-Dichloroethane-d4
 Concen: 43.13 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158687		
67	50.7	0.0	102.6	

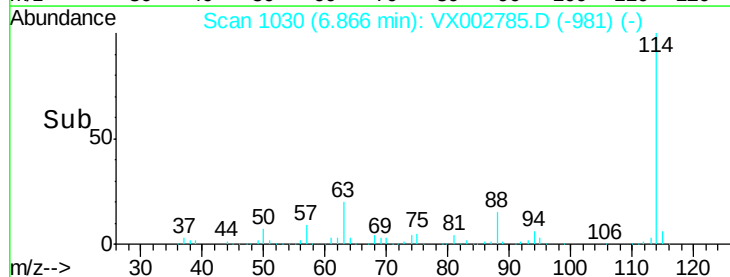
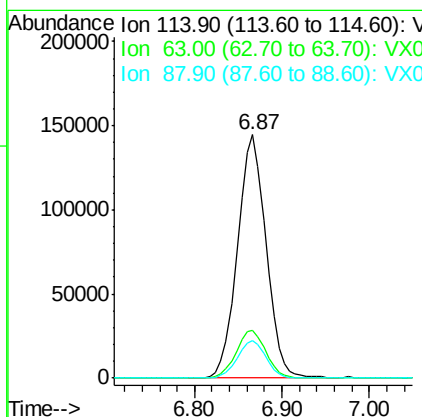
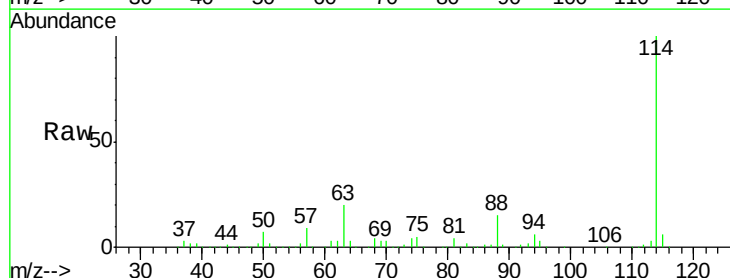
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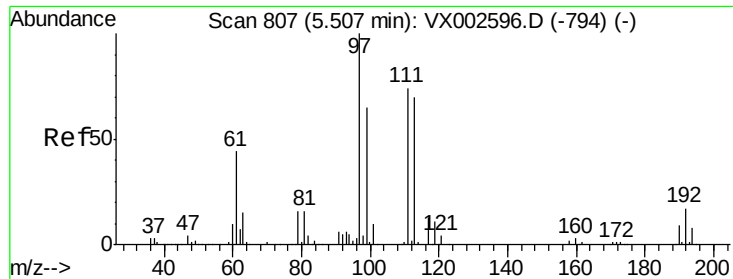
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	329388		
63	19.6	0.0	41.4	
88	15.3	0.0	30.0	





#35

Dibromofluoromethane

Concen: 47.89 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

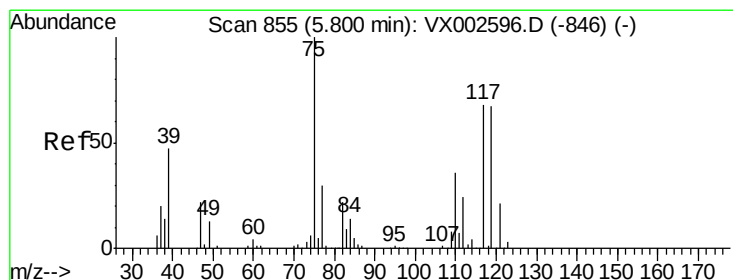
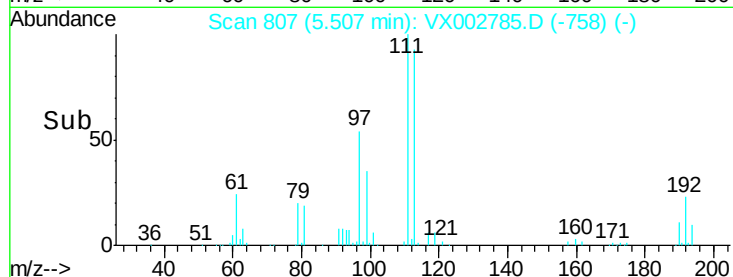
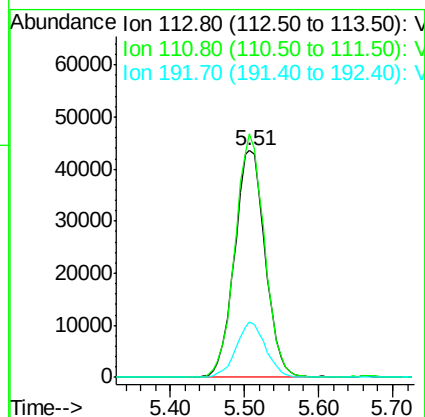
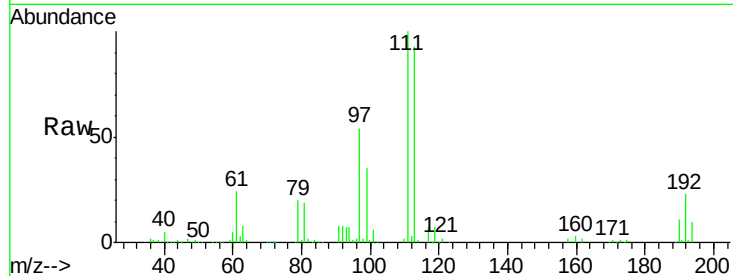
ClientSampled :

VX0621WBS01

Tot Ion:	113	Resp:	125908
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	23.4	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.13 ug/l

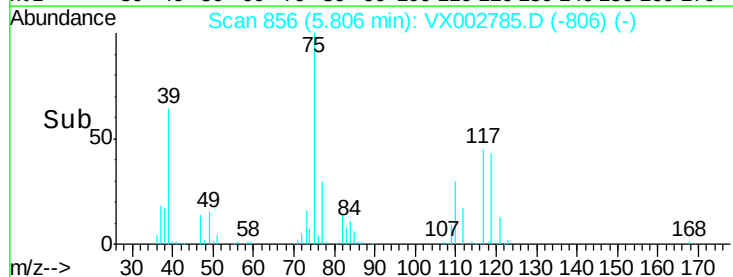
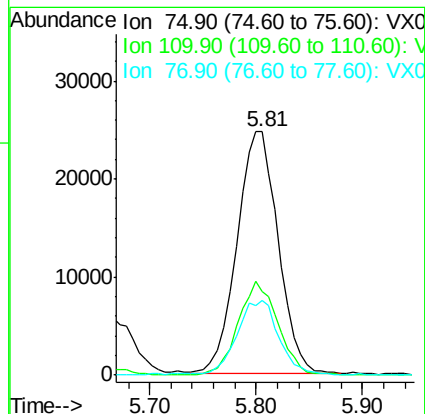
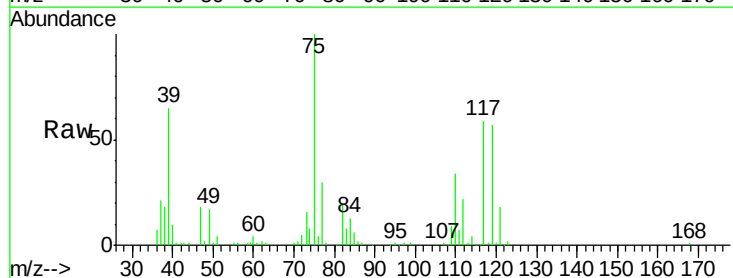
RT: 5.81 min Scan# 856

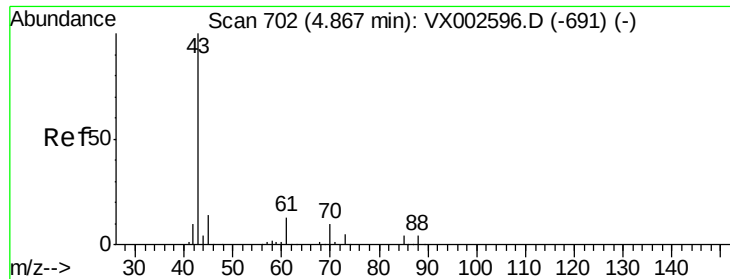
Delta R.T. 0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	75	Resp:	66921
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.1	54.4
77	30.4	24.3	36.5





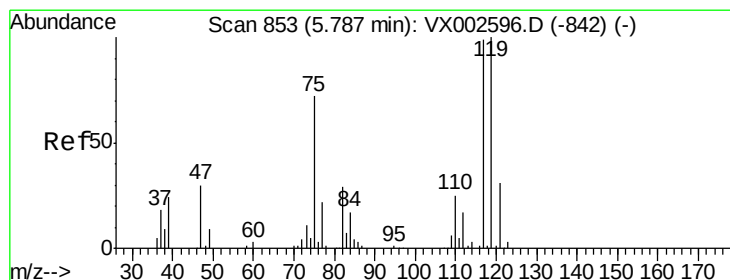
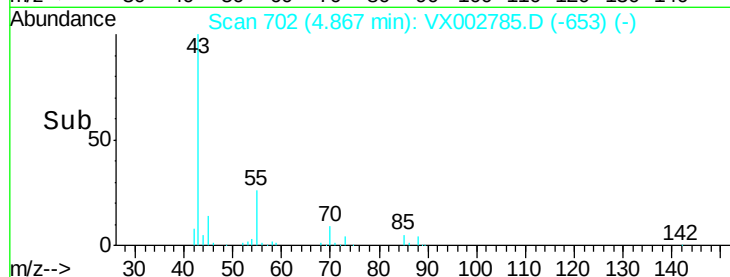
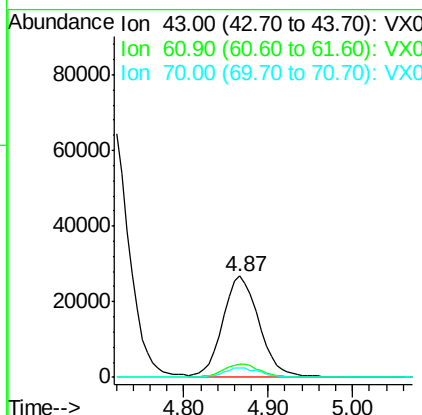
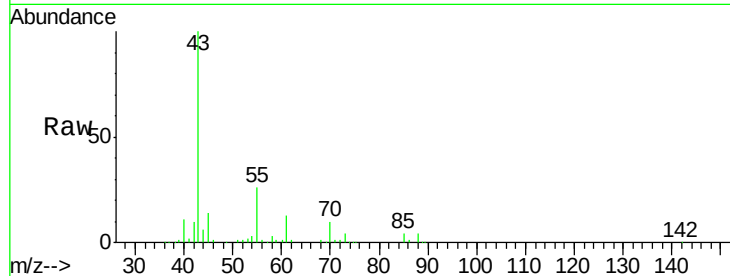
#37
Ethyl Acetate
Concen: 19.58 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.6	7.6	11.4

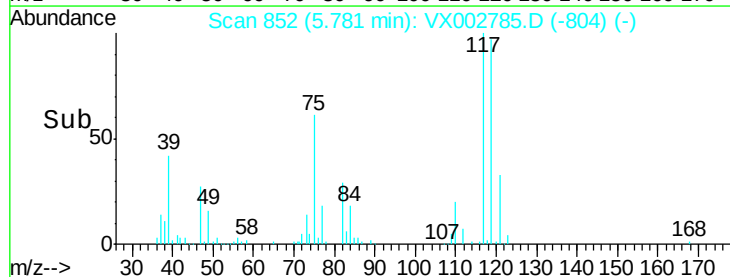
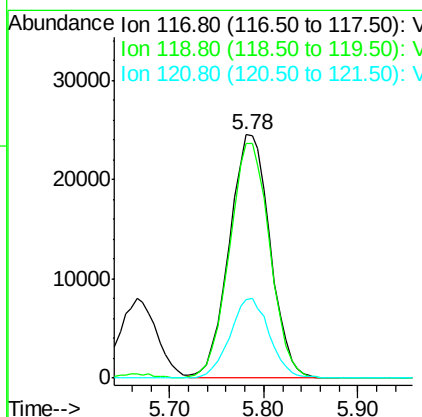
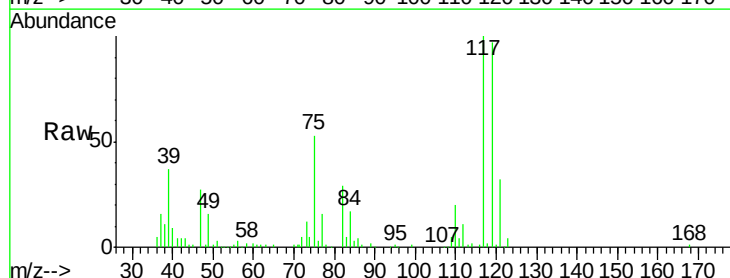
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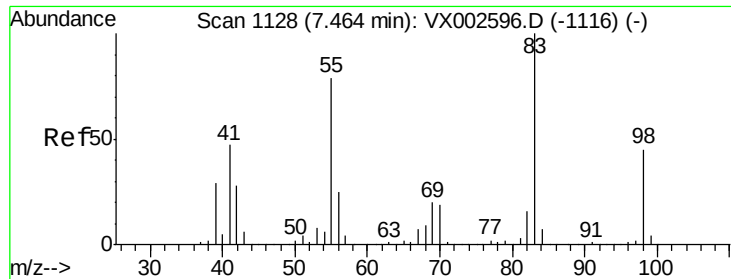
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#38
Carbon Tetrachloride
Concen: 21.30 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
121	32.2	24.4	36.6





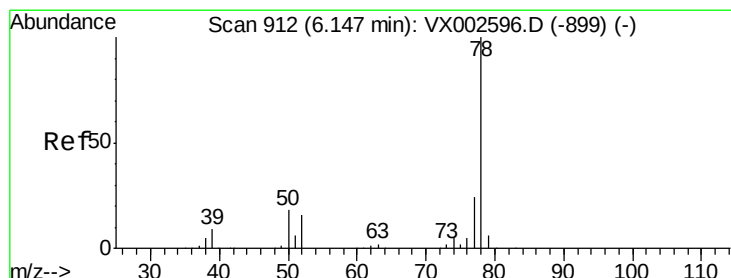
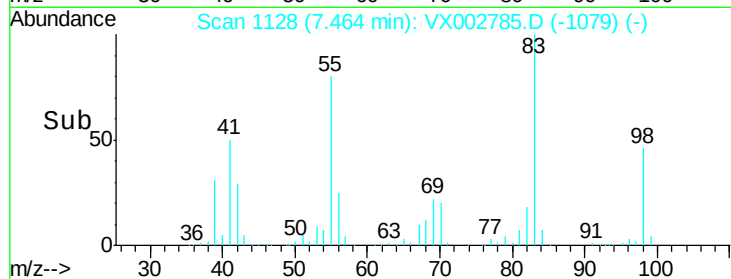
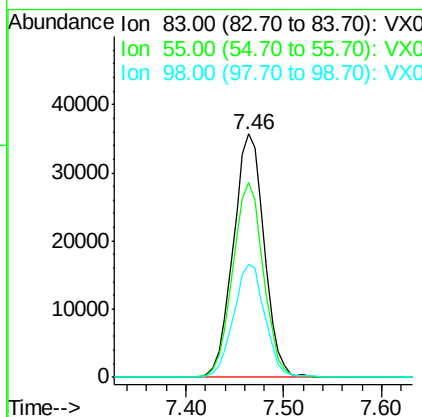
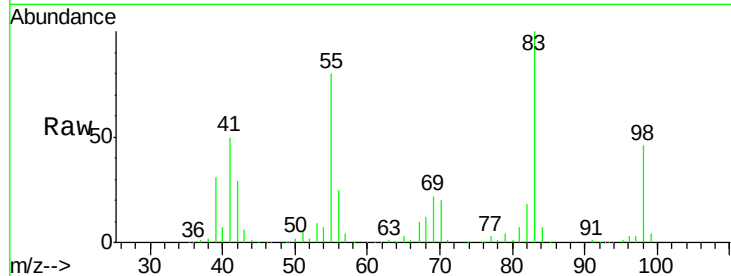
#39
Methylvlcyclohexane
Concen: 19.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	65.4	98.0
98	46.2	37.4	56.0

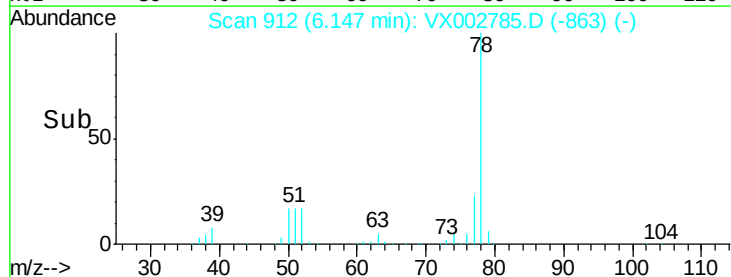
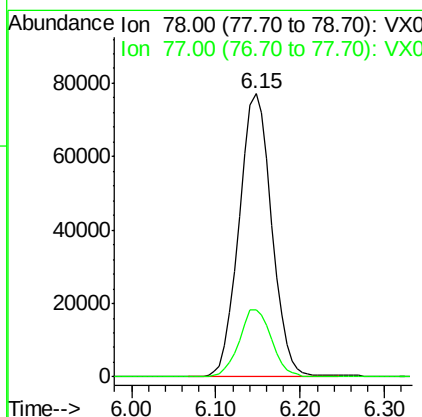
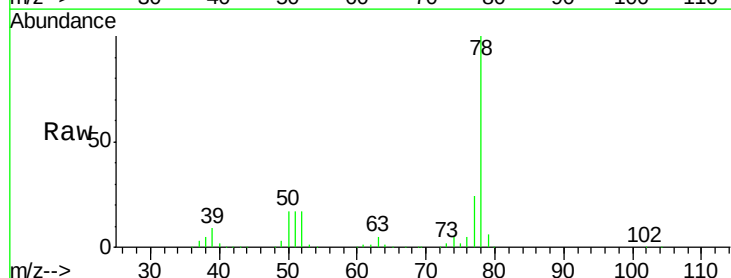
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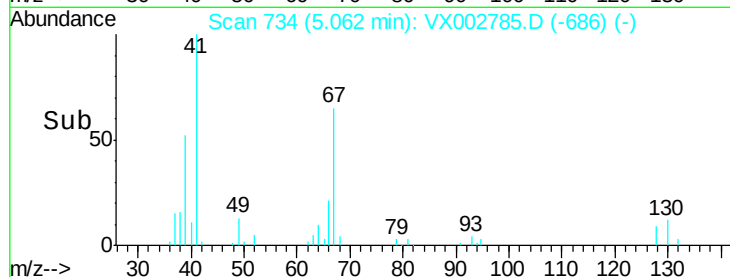
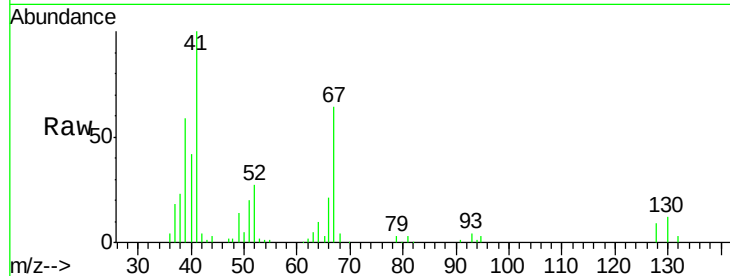
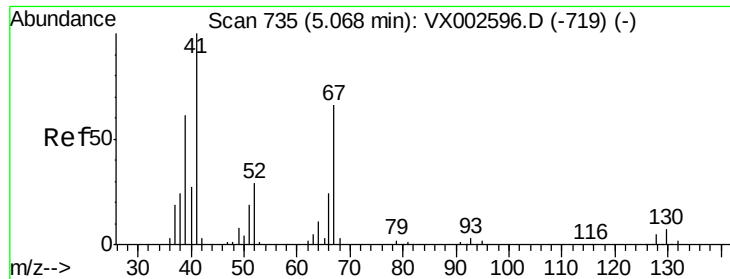
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#40
Benzene
Concen: 19.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





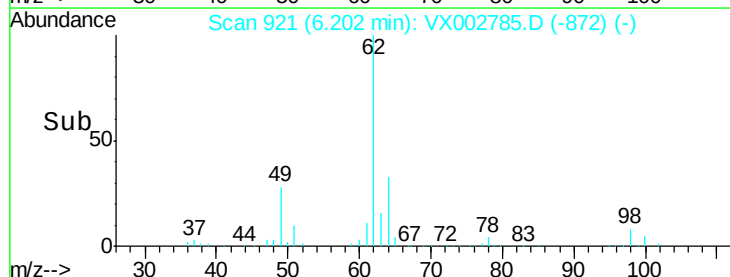
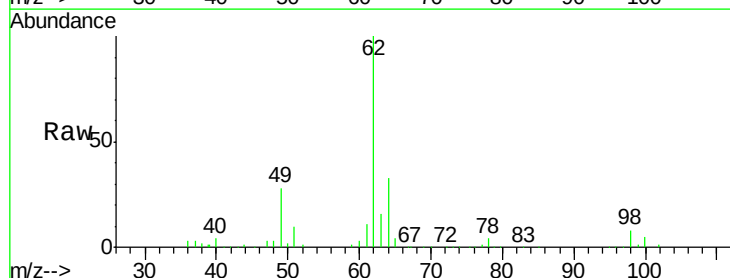
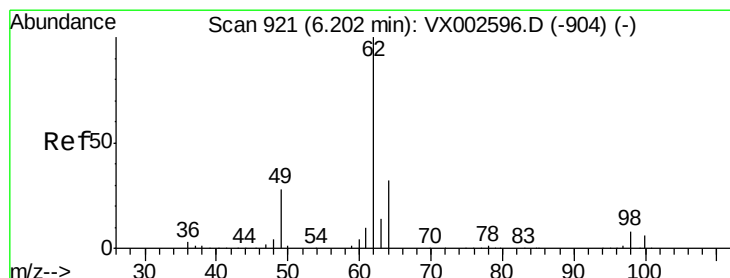
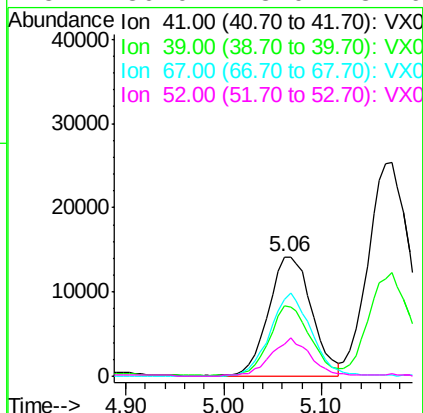
#41
Methacrylonitrile
Concen: 19.38 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tot Ion	41	Resp	43328
Ion Ratio	Lower	Upper	
41	100		
39	56.6	45.8	68.6
67	67.0	51.3	76.9
52	30.0	23.0	34.6

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

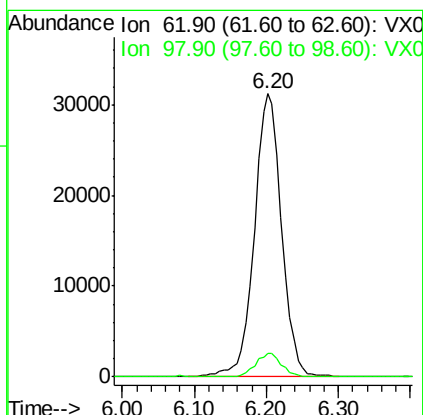
Manual Integrations
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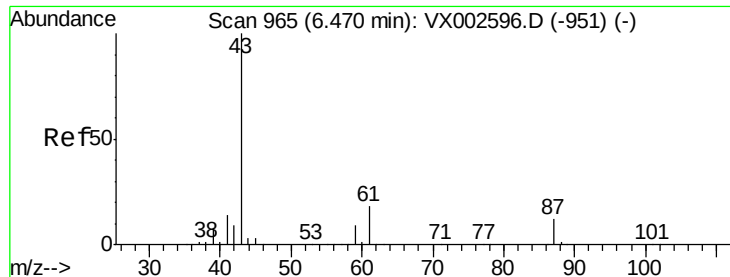
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#42
1,2-Dichloroethane
Concen: 19.99 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	62	Resp	81197
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.70 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

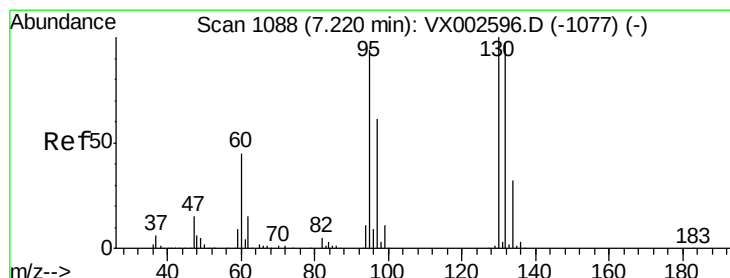
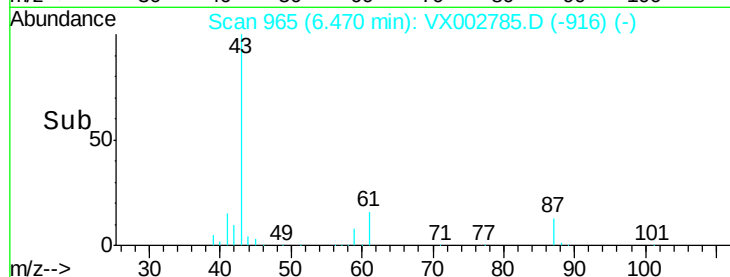
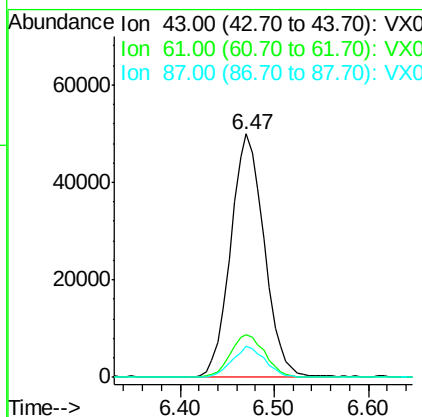
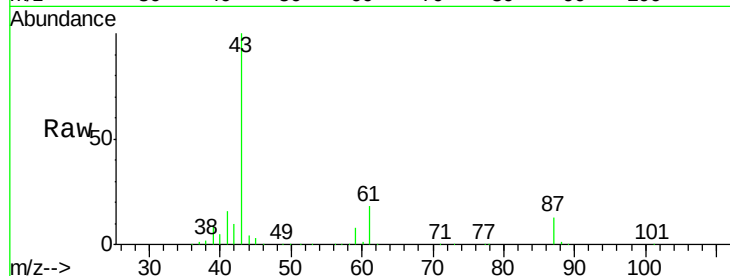
ClientSampleId :

VX0621WBS01

Tot Ion:	43	Resp:	122685
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.5	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 19.16 ug/l

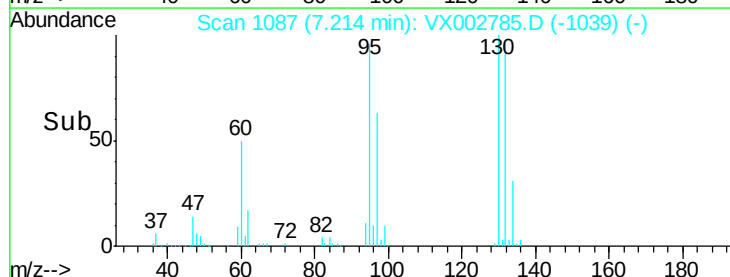
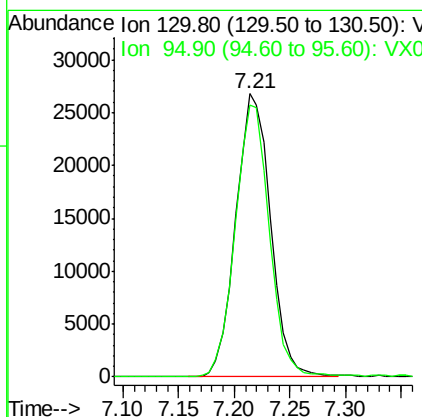
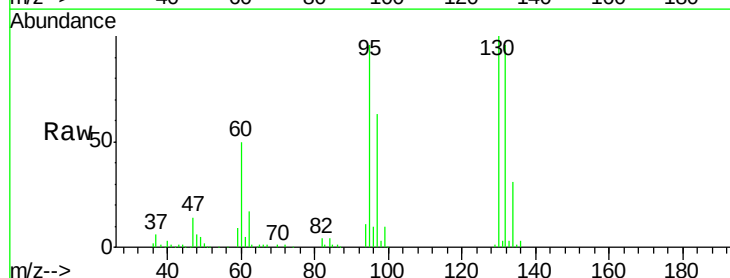
RT: 7.21 min Scan# 1087

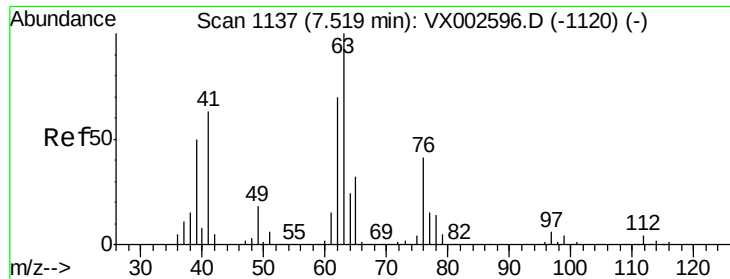
Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	130	Resp:	58014
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	185.4





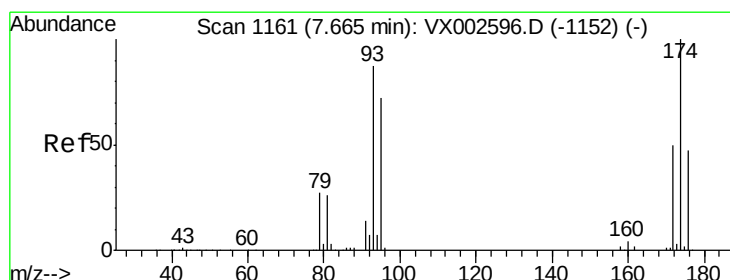
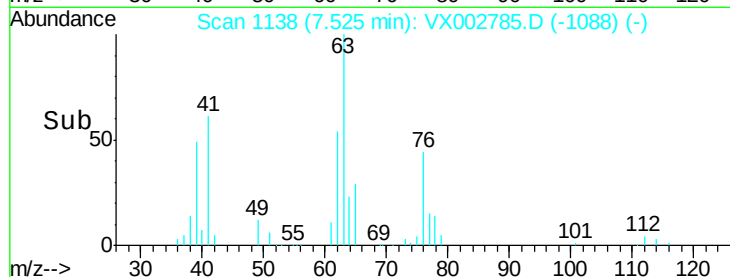
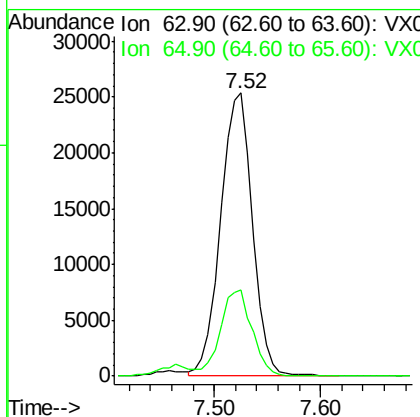
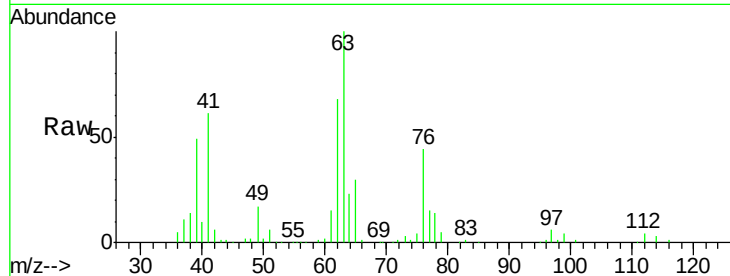
#45
 1,2-Dichloropropane
 Concen: 19.19 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS01

Tot Ion: 63 Resp: 52969
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1

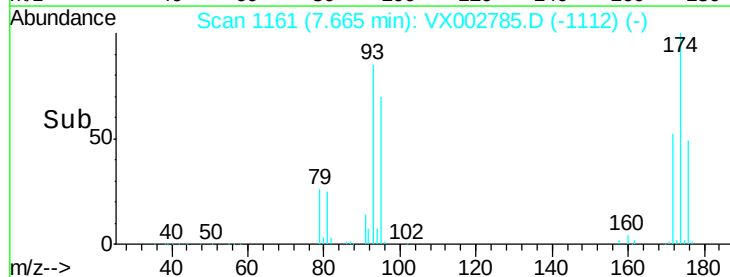
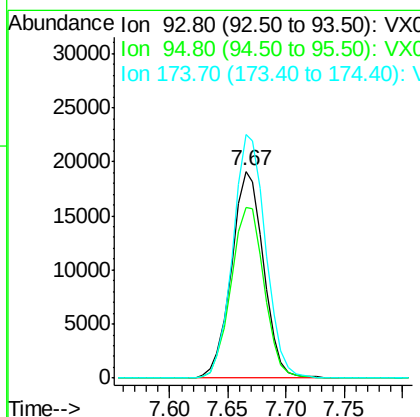
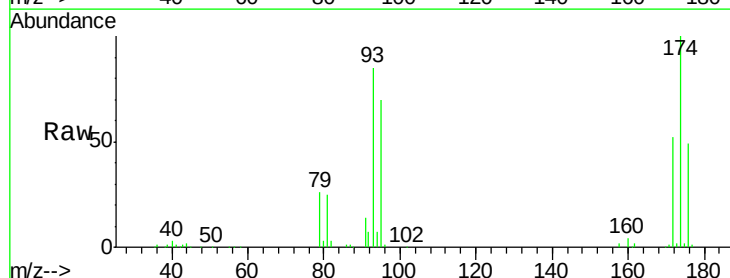
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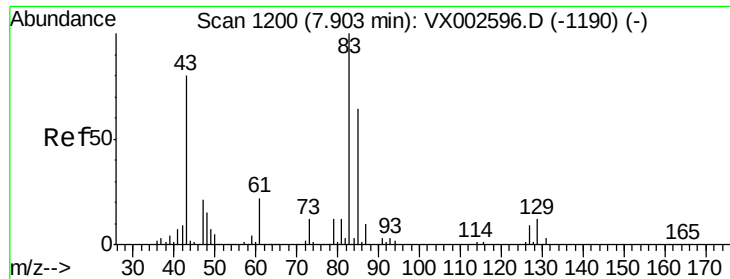
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#46
 Dibromomethane
 Concen: 19.94 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion: 93 Resp: 36825
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.9 98.9
 174 119.6 92.4 138.6





#47

Bromodichloromethane

Concen: 20.91 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

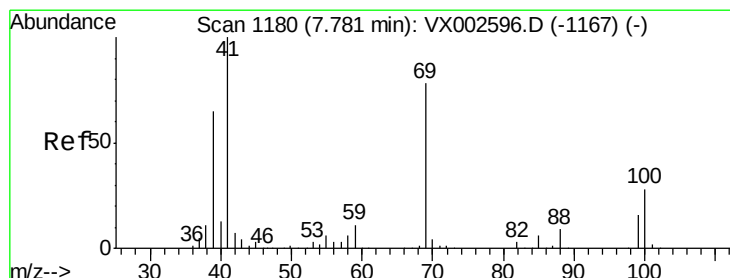
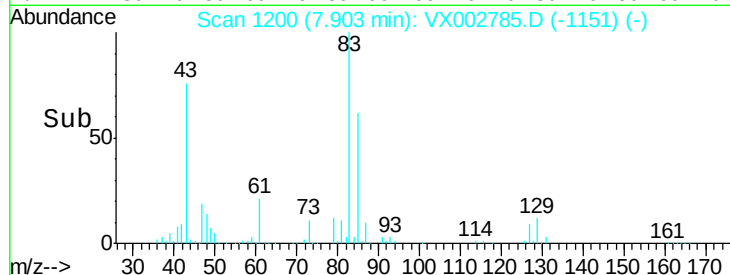
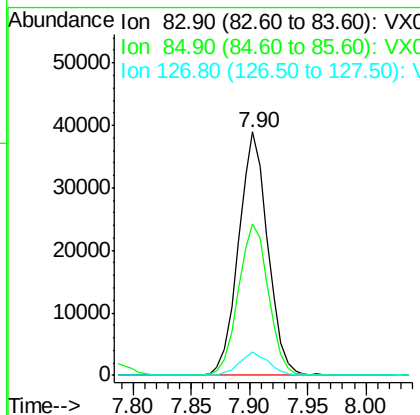
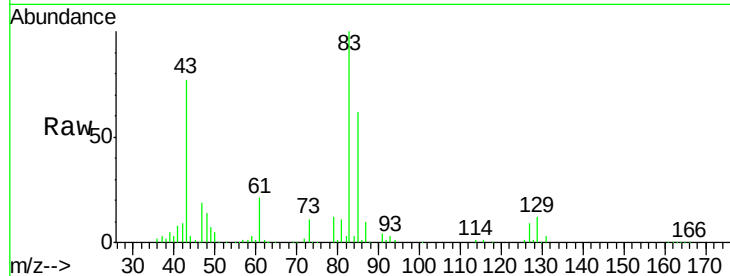
ClientSampled :

VX0621WBS01

Tot Ion:	83	Resp:	68118
Ion Ratio	Lower	Upper	
83	100		
85	62.3	50.3	75.5
127	9.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.08 ug/l

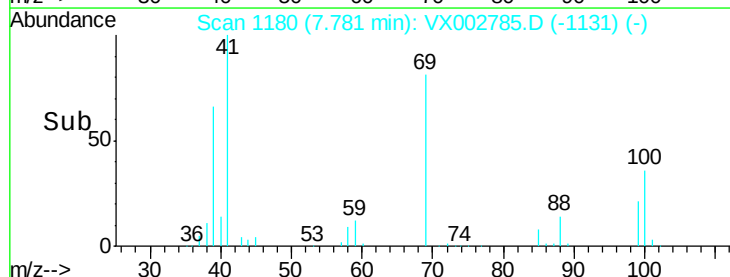
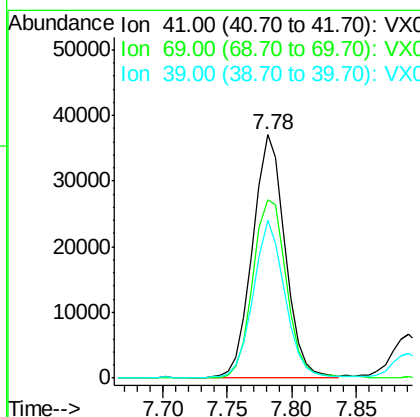
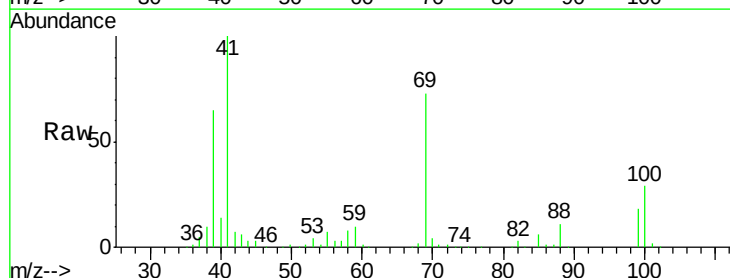
RT: 7.78 min Scan# 1180

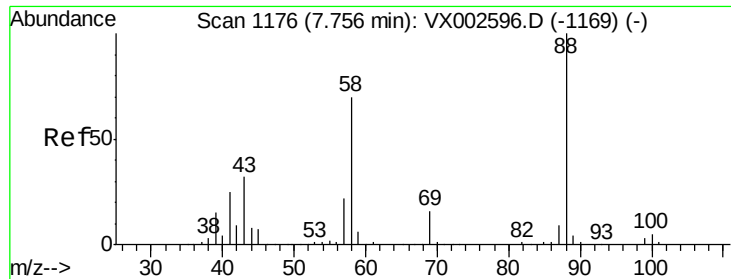
Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	41	Resp:	63977
Ion Ratio	Lower	Upper	
41	100		
69	77.4	59.1	88.7
39	63.1	48.9	73.3





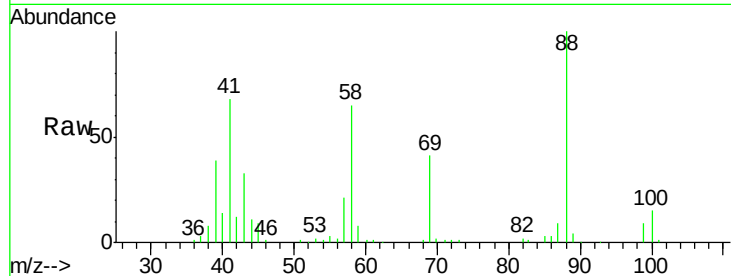
#49
1,4-Dioxane
Concen: 414.78 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.4	29.8	44.6
58	70.2	57.1	85.7

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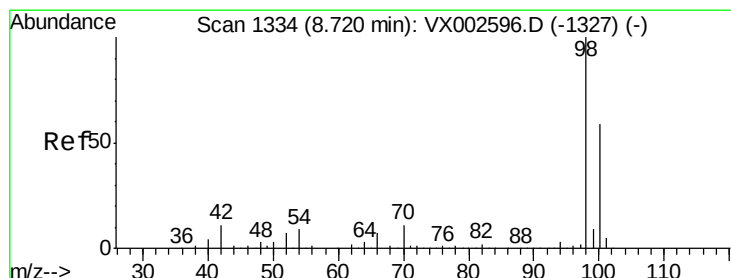
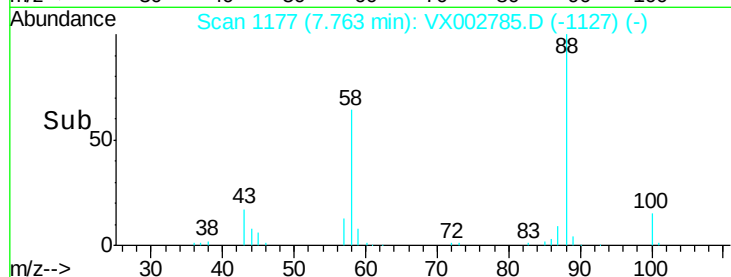
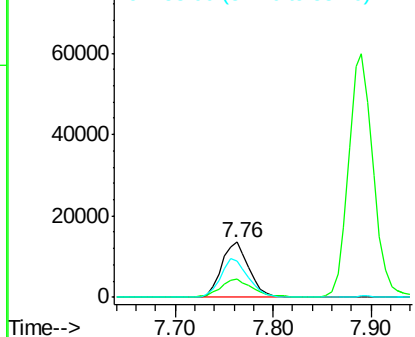


Abundance

Ion 88.00 (87.70 to 88.70): VX0

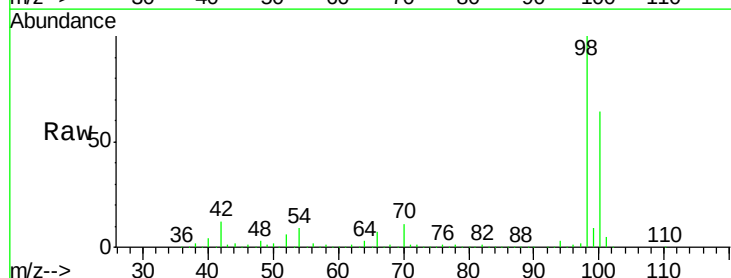
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 45.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

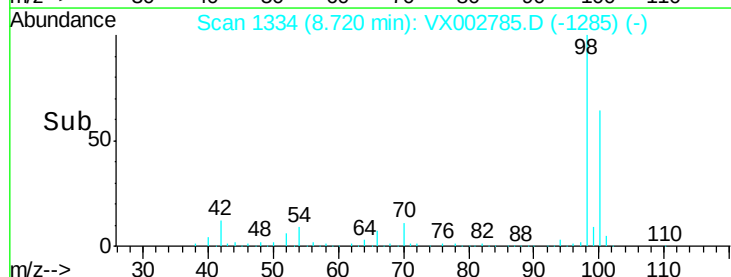
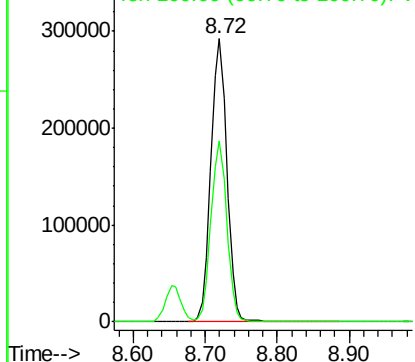
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3

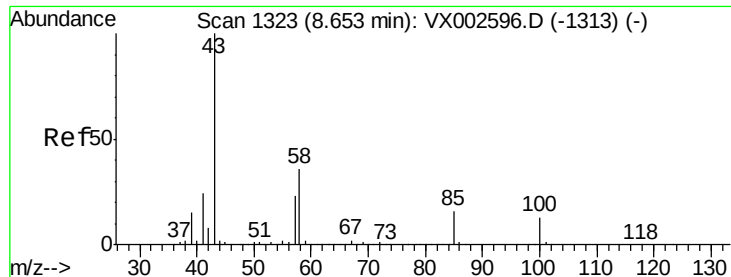


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





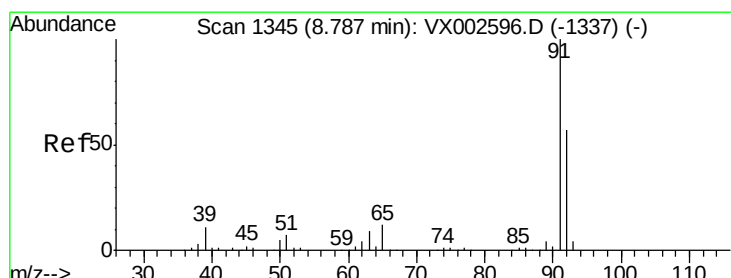
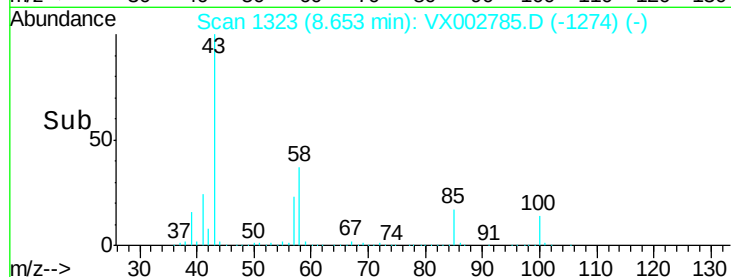
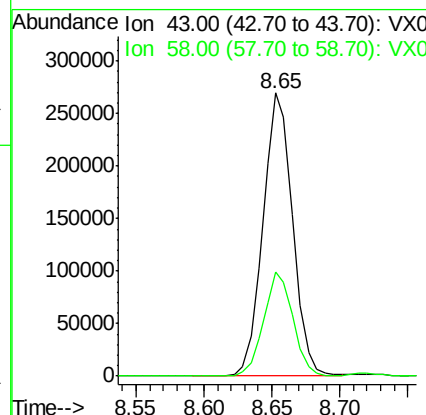
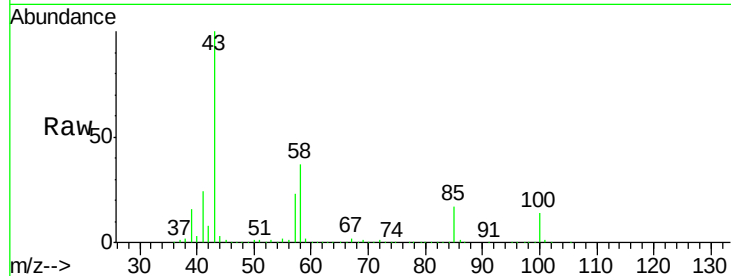
#51
 4-Methyl-2-Pentanone
 Concen: 97.94 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion: 43 Resp: 412520
 Ion Ratio Lower Upper
 43 100
 58 36.4 28.6 42.8

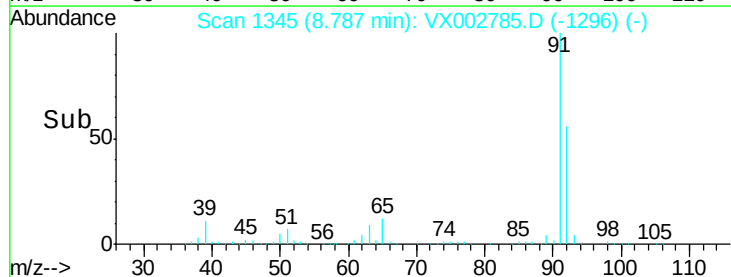
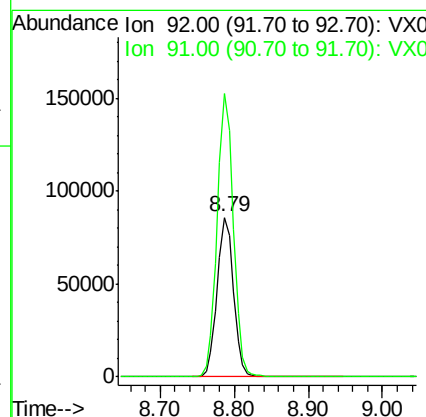
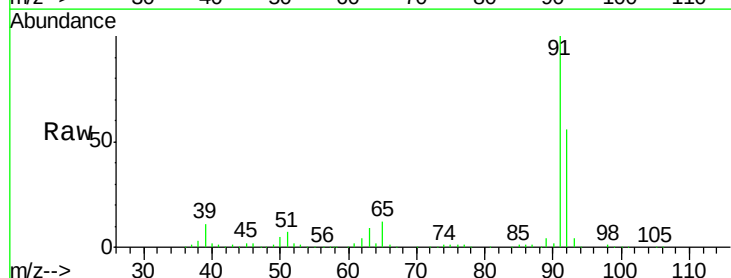
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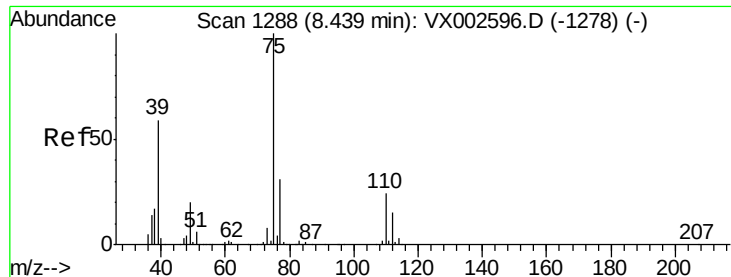
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#52
 Toluene
 Concen: 19.47 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion: 92 Resp: 130279
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.4 210.6





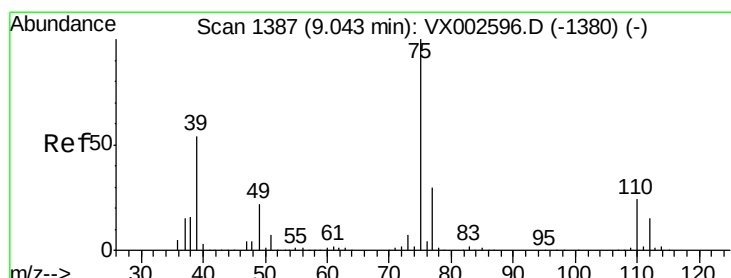
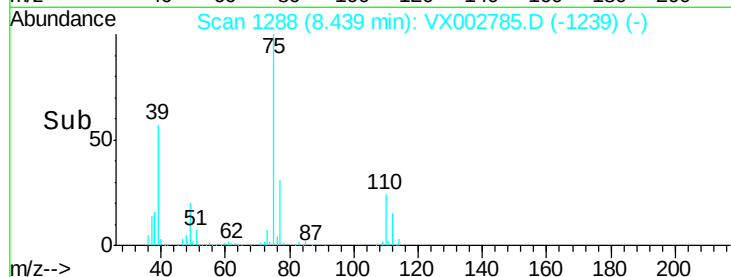
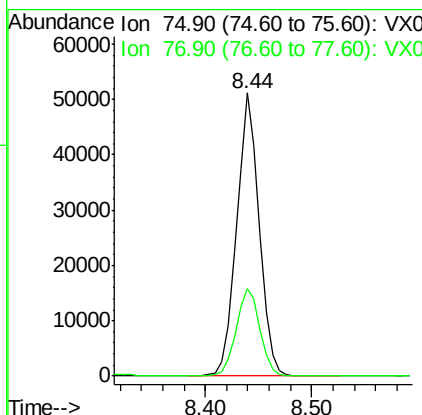
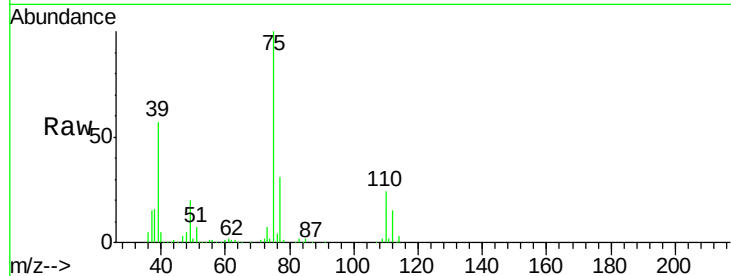
#53
t-1,3-Dichloropropene
Concen: 19.15 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

Tot Ion: 75 Resp: 75897
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

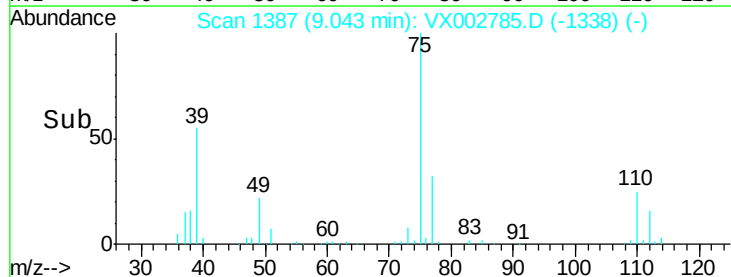
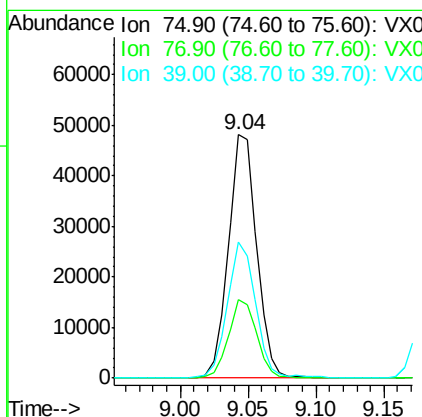
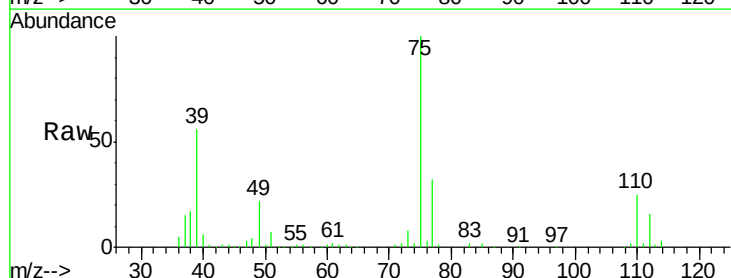
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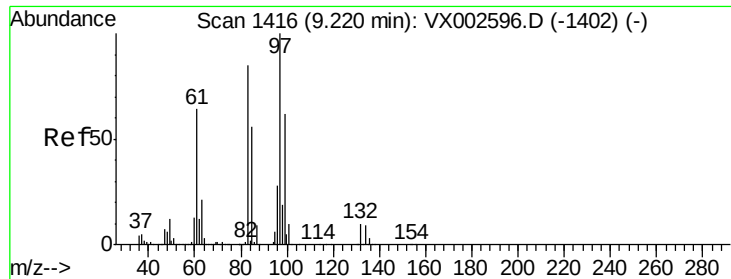
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#54
cis-1,3-Dichloropropene
Concen: 19.04 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 75 Resp: 69588
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 55.6 42.4 63.6





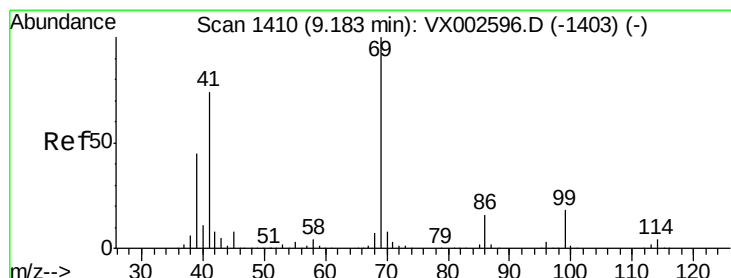
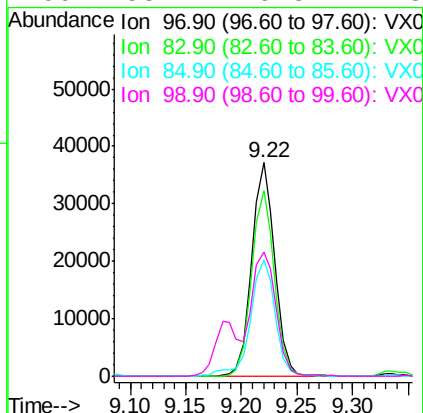
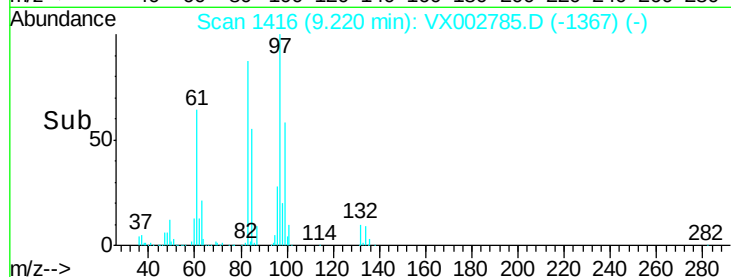
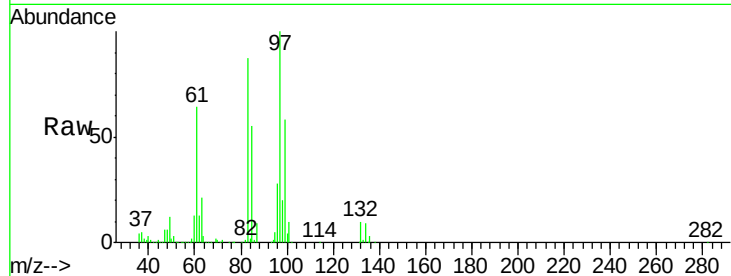
#55
 1,1,2-Trichloroethane
 Concen: 19.83 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS01

Tot Ion:	97	Resp:	53617
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.2	105.2
85	54.6	44.9	67.3
99	58.1	49.8	74.8

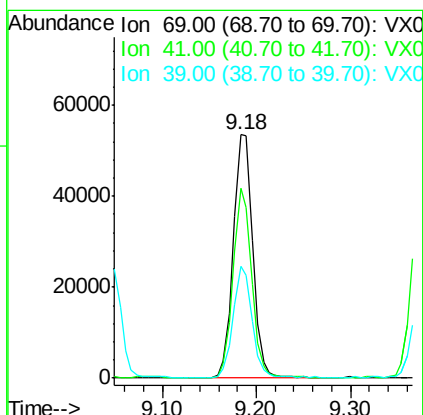
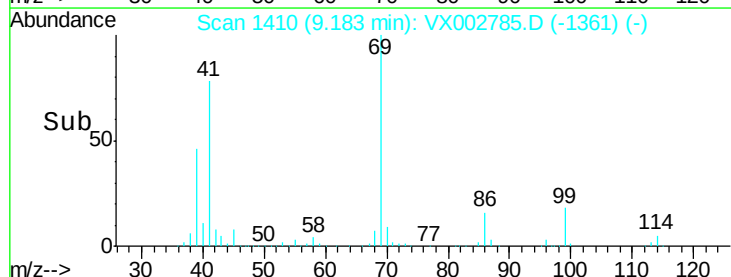
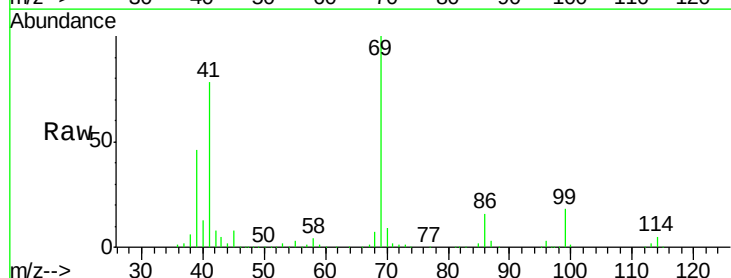
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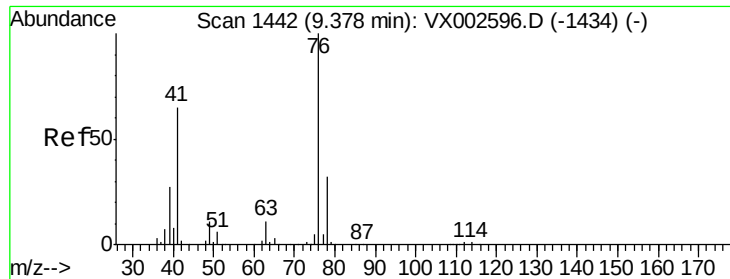
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#56
 Ethyl methacrylate
 Concen: 18.56 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion:	69	Resp:	77211
Ion	Ratio	Lower	Upper
69	100		
41	74.2	60.3	90.5
39	44.3	35.8	53.8





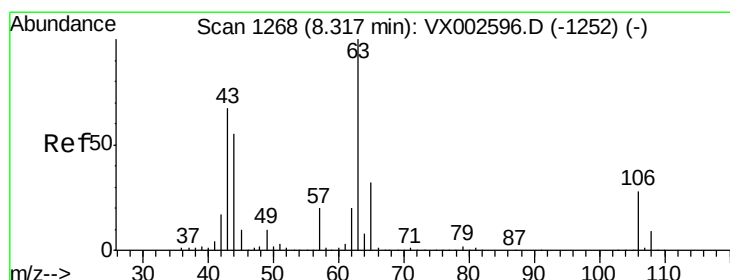
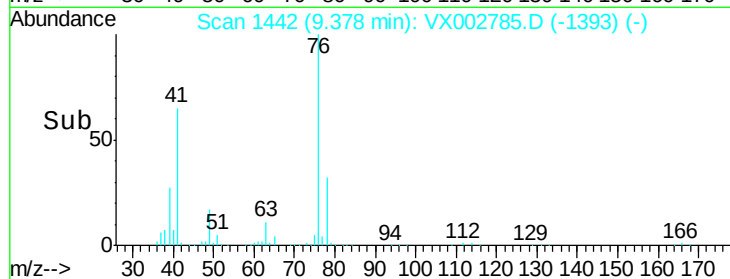
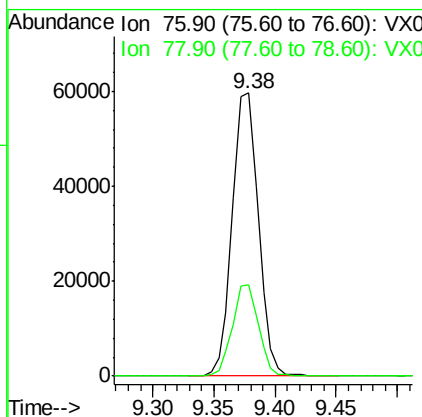
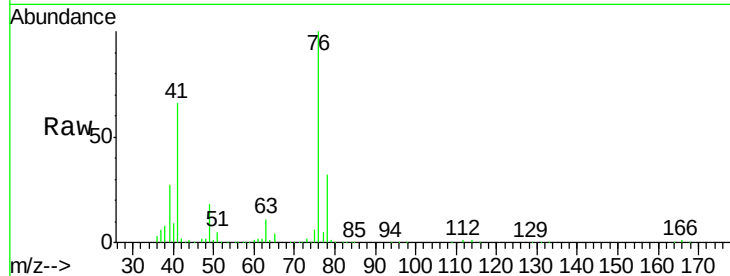
#57
 1,3-Dichloropropane
 Concen: 19.31 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion: 76 Resp: 88318
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

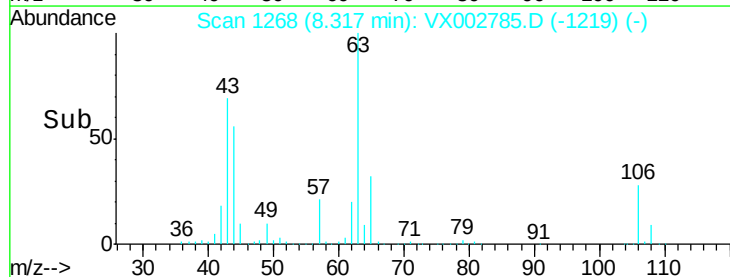
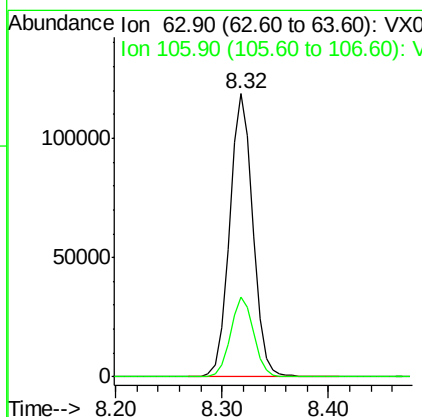
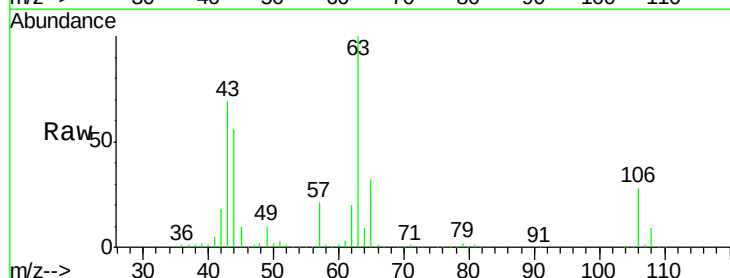
Manual Integrations
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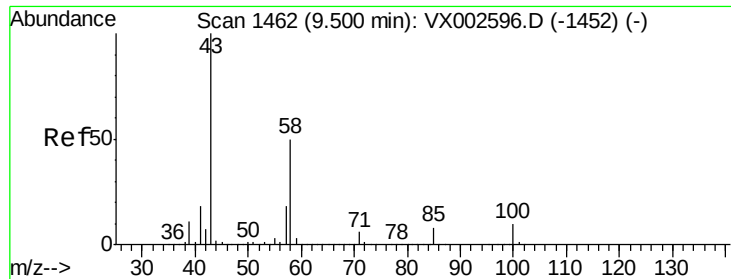
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#58
 2-Chloroethyl Vinyl ether
 Concen: 90.24 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion: 63 Resp: 181615
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.8 32.8





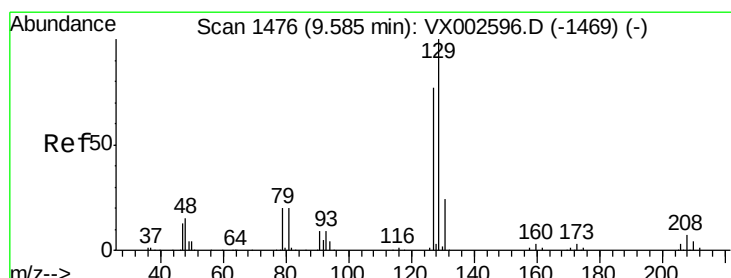
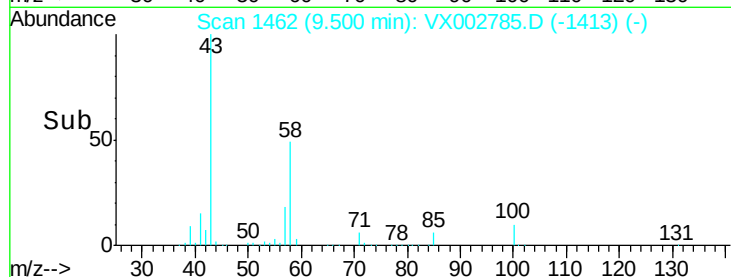
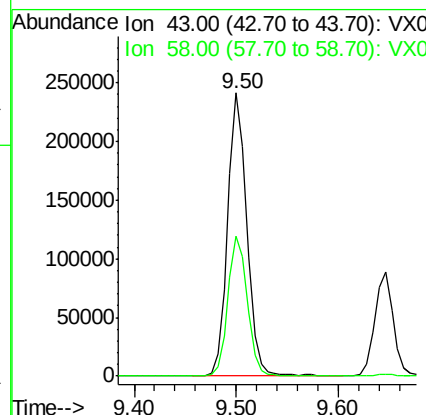
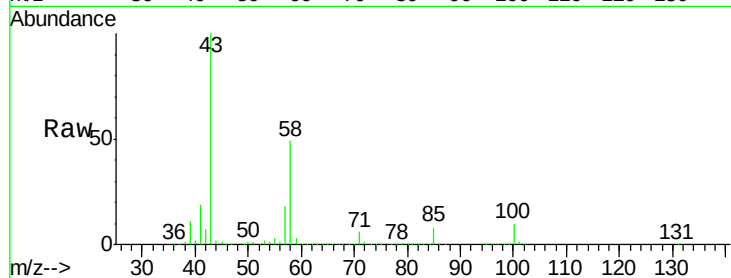
#59
2-Hexanone
Concen: 99.68 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion: 43 Resp: 316396
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6

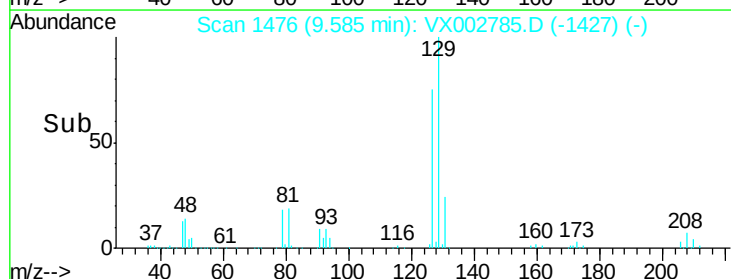
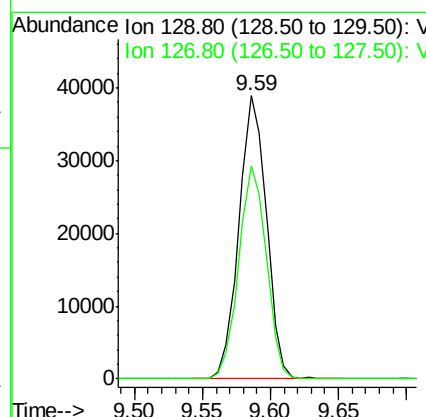
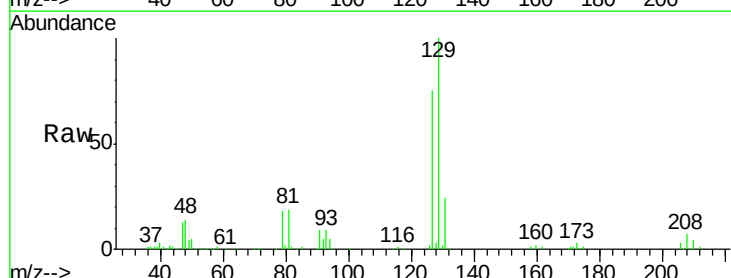
Manual Integrations
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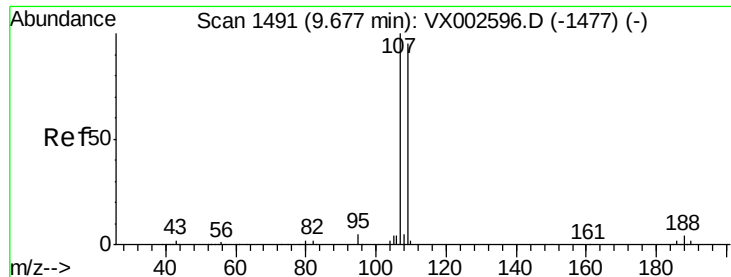
apatel
6/22/2018 1:59:21 PM



#60
Dibromochloromethane
Concen: 20.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 129 Resp: 54844
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion:107 Resp: 56334

Ion Ratio Lower Upper

107 100

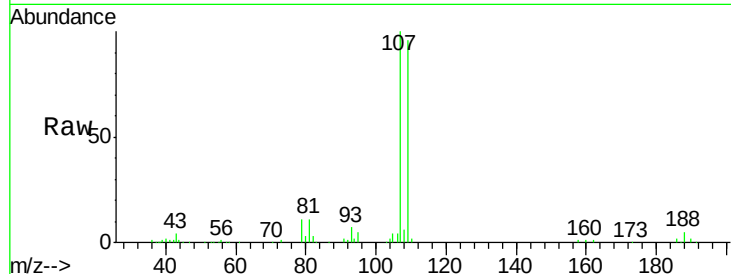
109 94.5 75.3 112.9

Manual Integrations

APPROVED

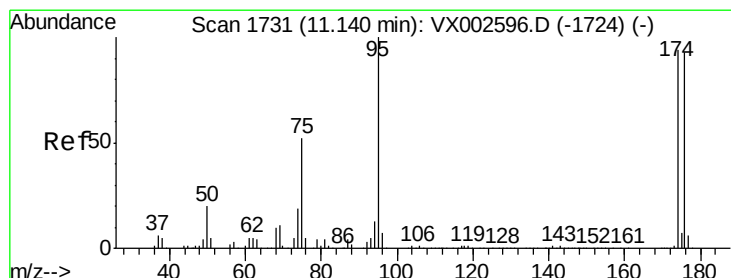
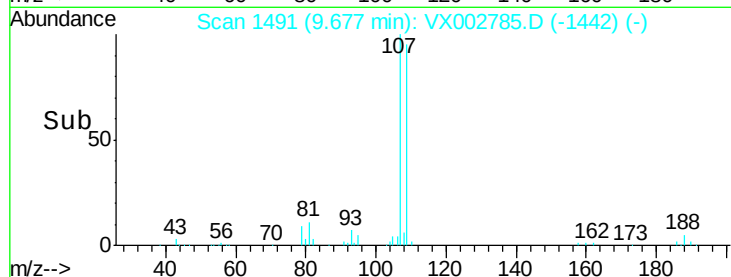
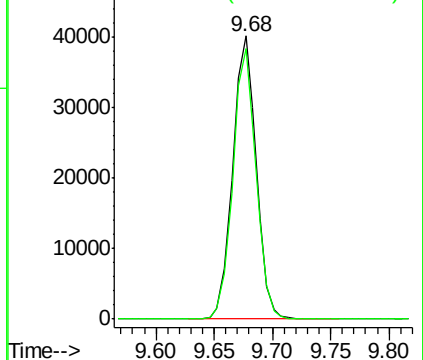
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

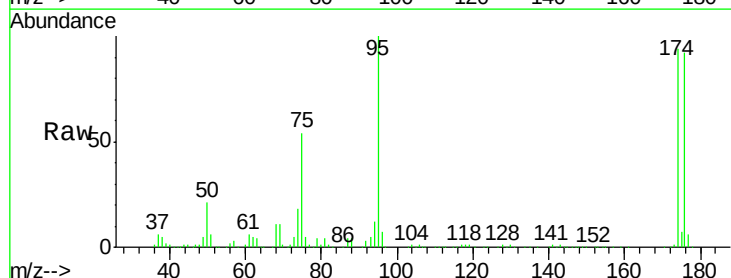
Tgt Ion: 95 Resp: 170251

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

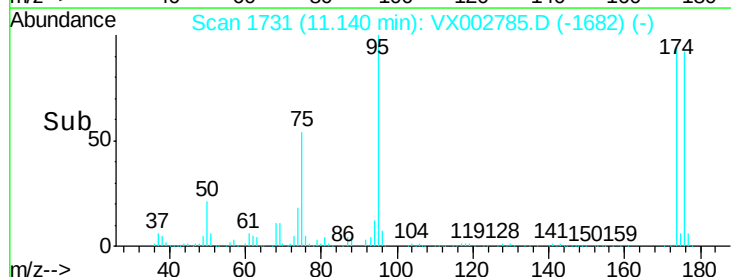
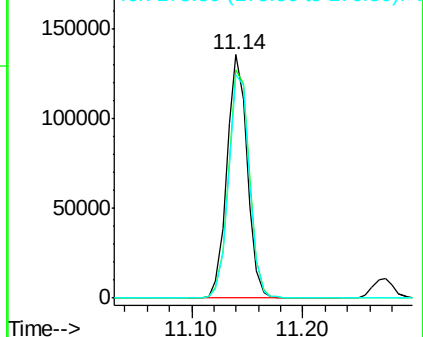
176 94.2 0.0 181.0

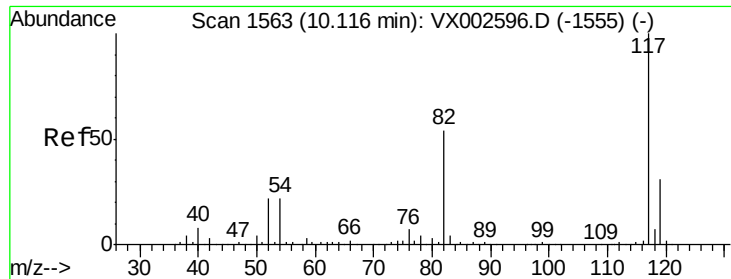


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





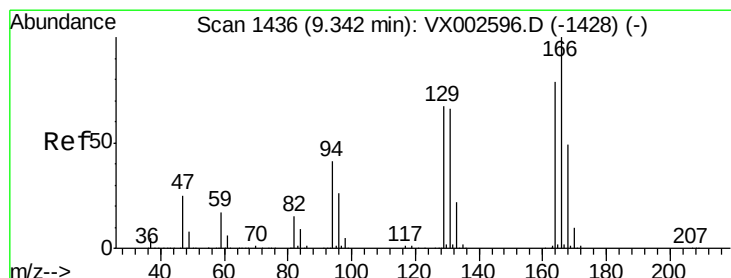
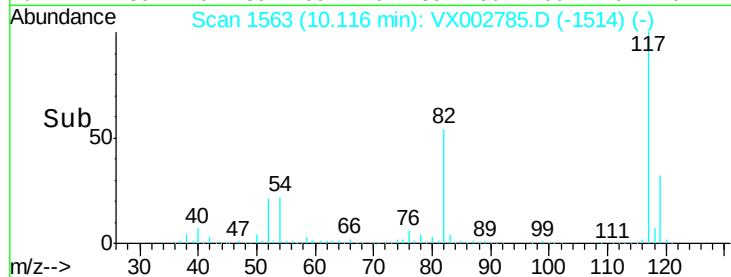
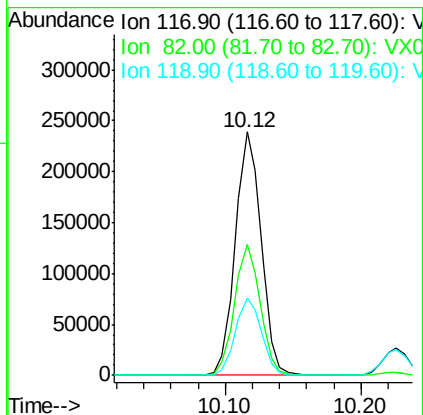
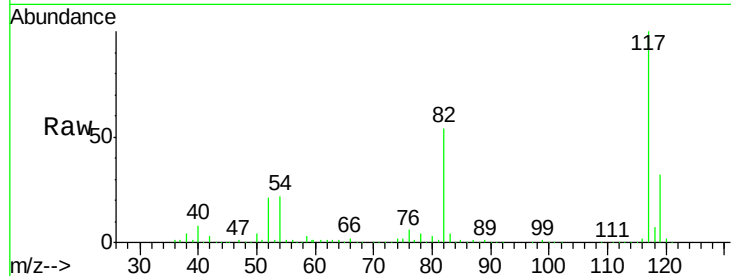
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.0	67.4
119	32.0	25.8	38.6

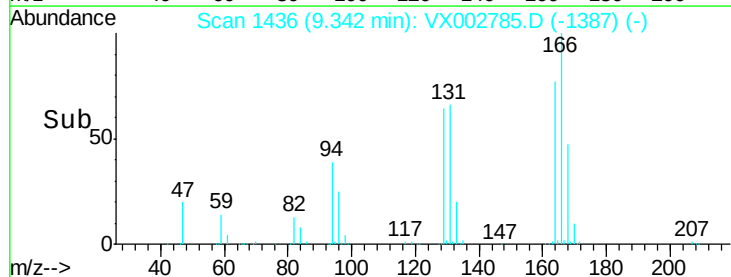
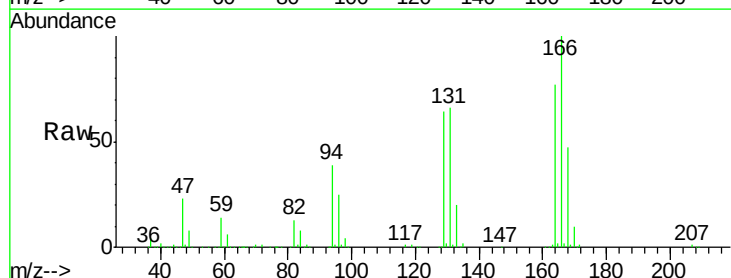
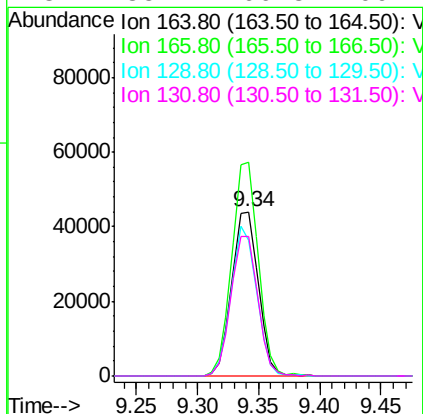
Manual Integrations
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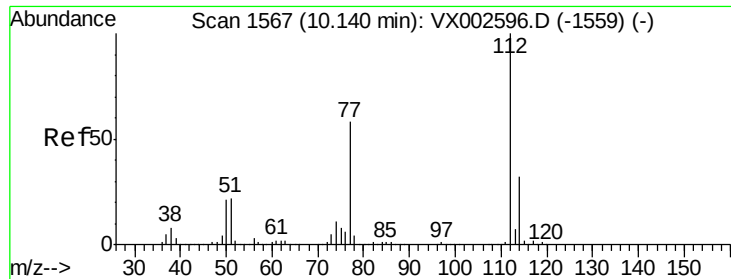
apatel
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#64
Tetrachloroethene
Concen: 18.84 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	102.9	154.3
129	83.1	68.6	102.8
131	85.4	66.8	100.2





#65

Chlorobenzene

Concen: 19.25 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampled :

VX0621WBS01

Tot Ion:112 Resp: 149753

Ion Ratio Lower Upper

112 100

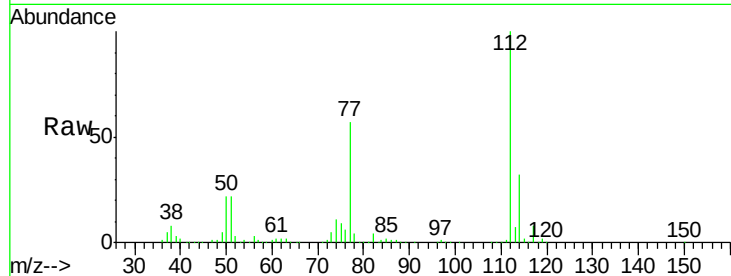
114 32.4 25.3 37.9

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

120000

100000

80000

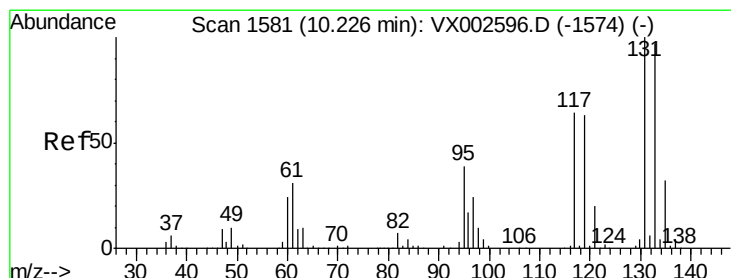
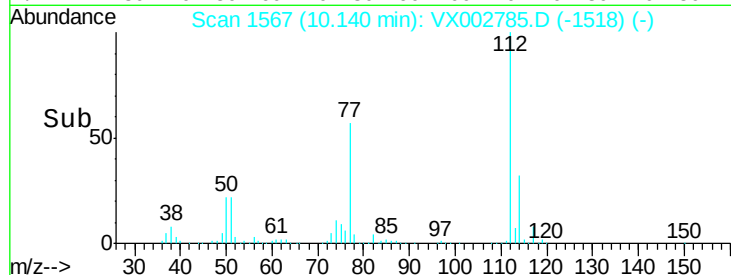
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.40 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

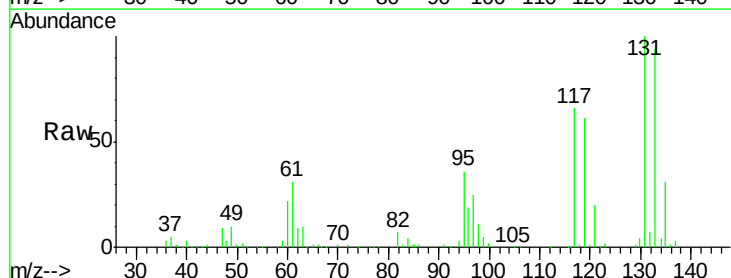
Tgt Ion:131 Resp: 54119

Ion Ratio Lower Upper

131 100

133 97.3 47.9 143.6

119 64.0 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

50000

40000

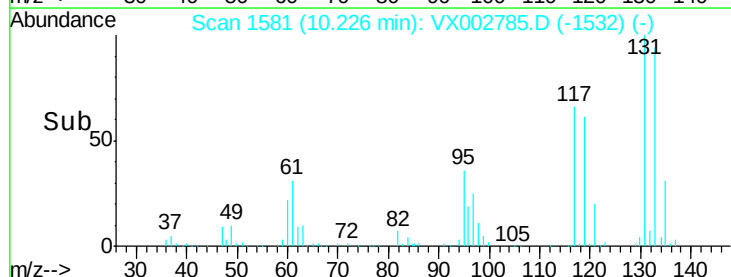
30000

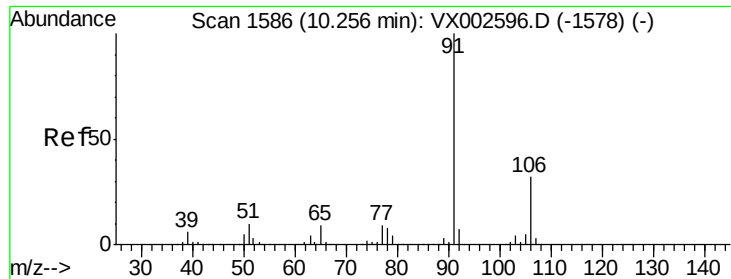
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 18.99 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 91 Resp: 249223

Ion Ratio Lower Upper

91 100

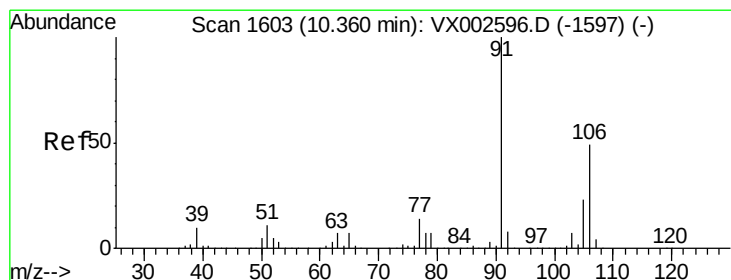
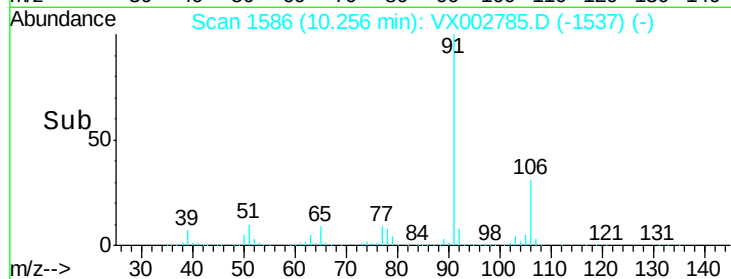
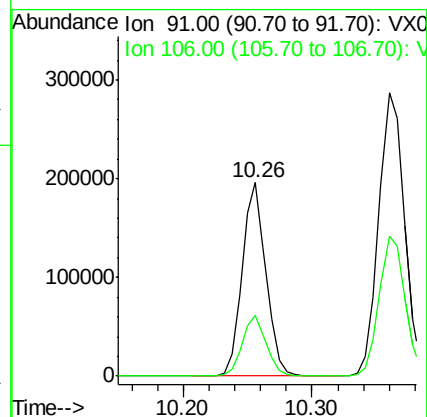
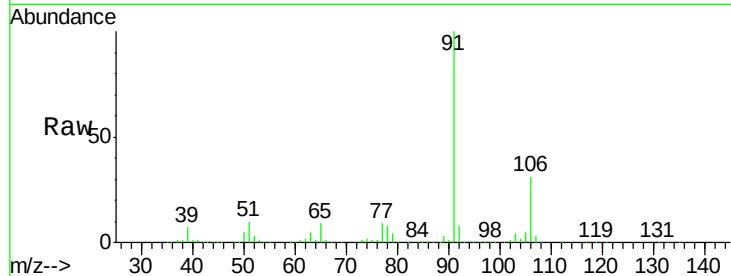
106 31.4 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.69 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002785.D

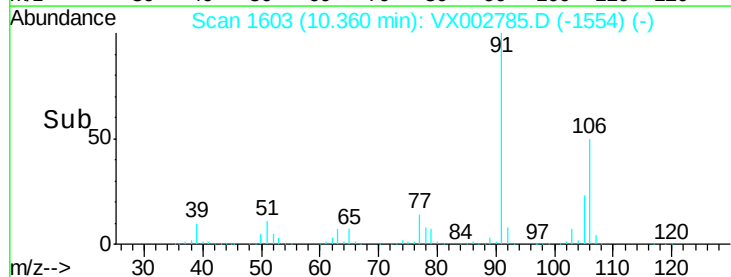
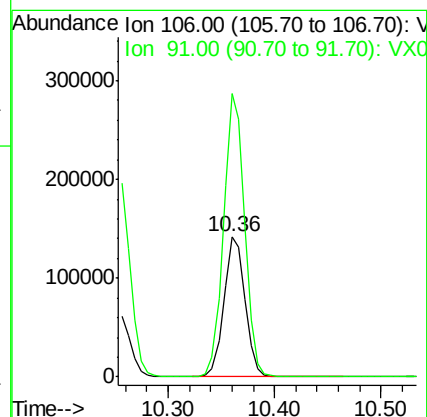
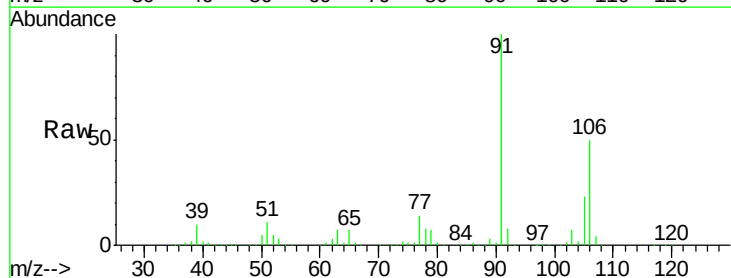
Acq: 21 Jun 2018 13:50

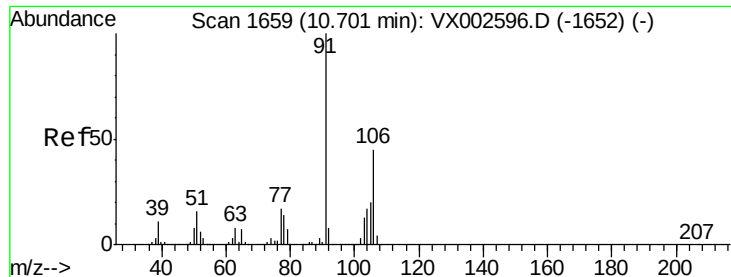
Tgt Ion: 106 Resp: 195859

Ion Ratio Lower Upper

106 100

91 201.8 163.4 245.2





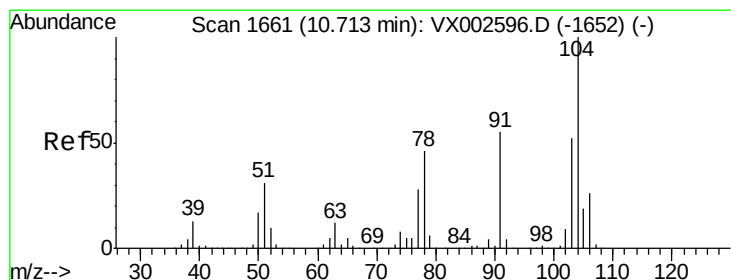
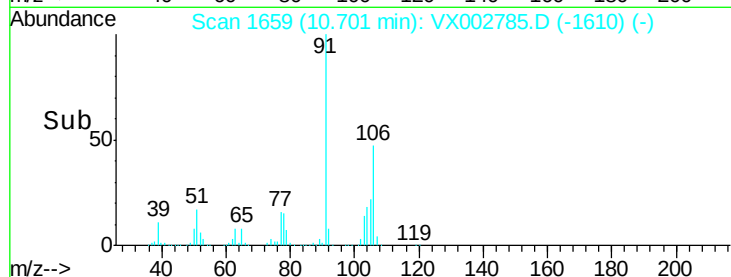
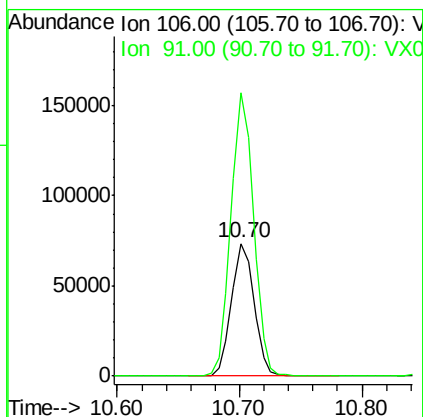
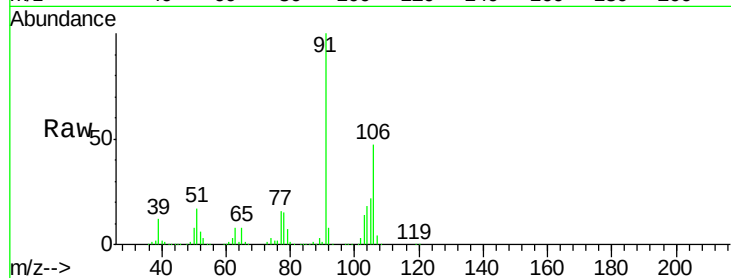
#69
o-Xylene
Concen: 18.97 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.4	108.2	324.6	

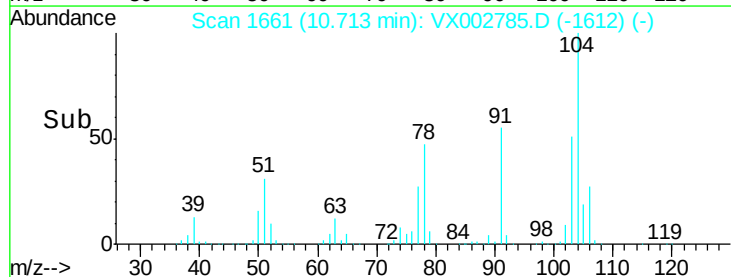
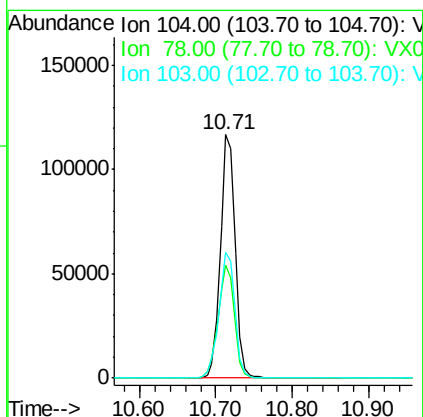
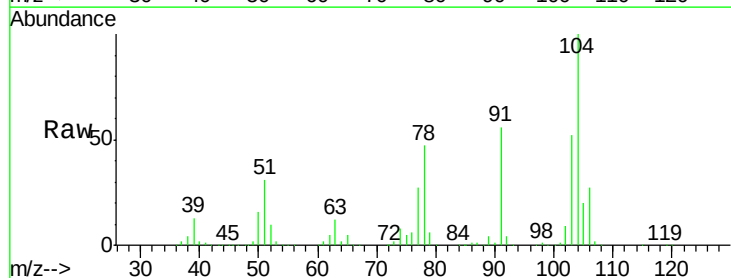
Manual Integrations
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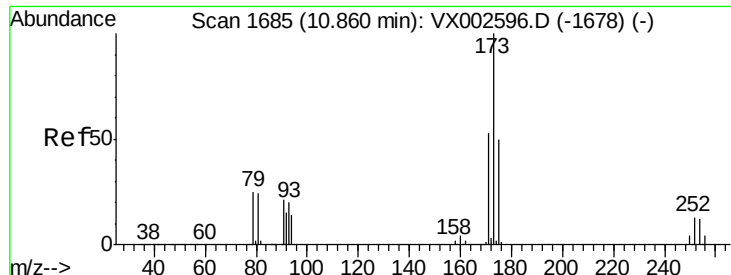
apatel
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#70
Styrene
Concen: 19.08 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.0	41.0	61.6	
103	56.1	44.2	66.4	





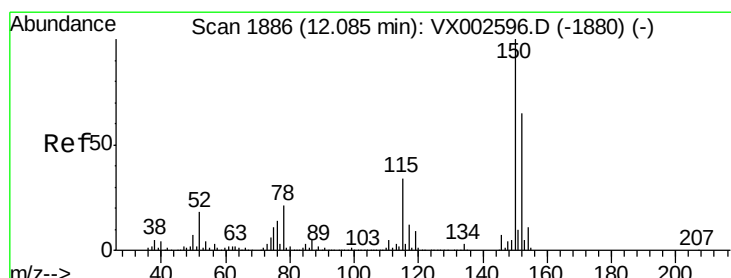
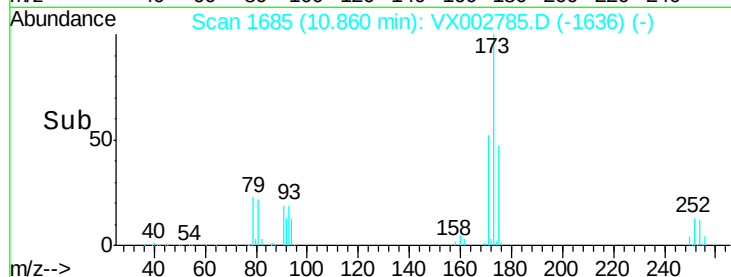
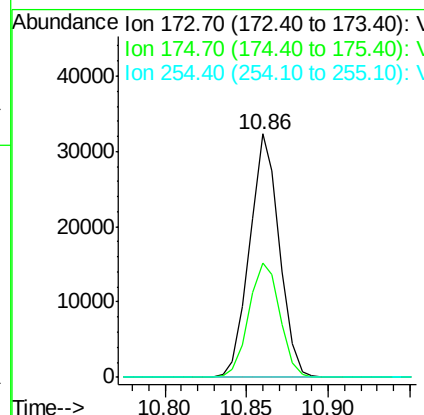
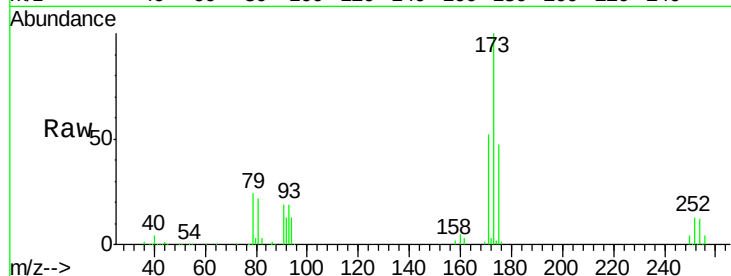
#71
Bromoform
Concen: 20.22 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.1	0.2	0.2

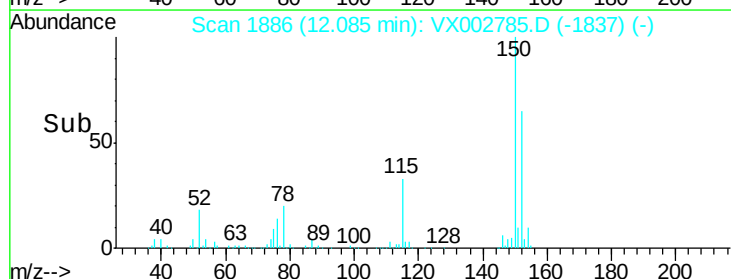
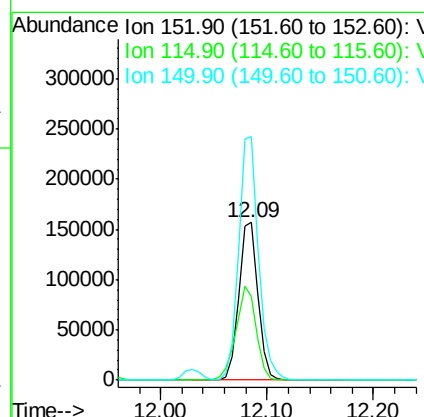
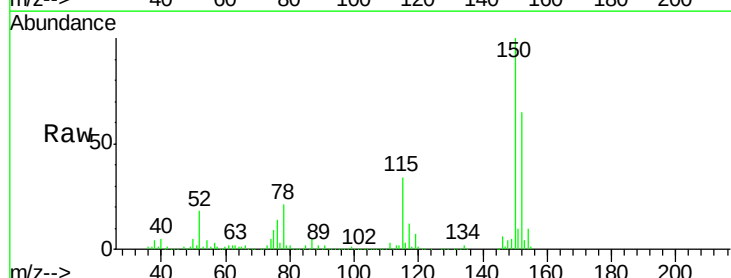
Manual Integrations
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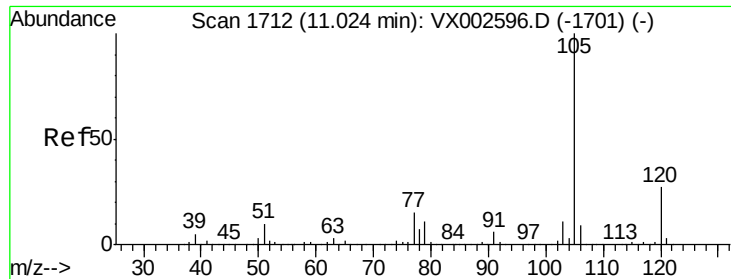
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	40.1	120.2
150	160.5	0.0	347.2





#73

Isopropylbenzene

Concen: 19.53 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 105 Resp: 258536

Ion Ratio Lower Upper

105 100

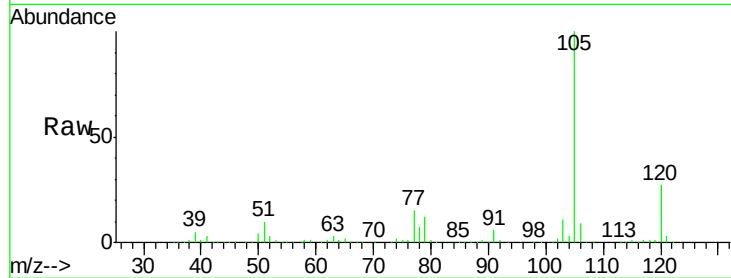
120 26.7 13.5 40.4

Manual Integrations

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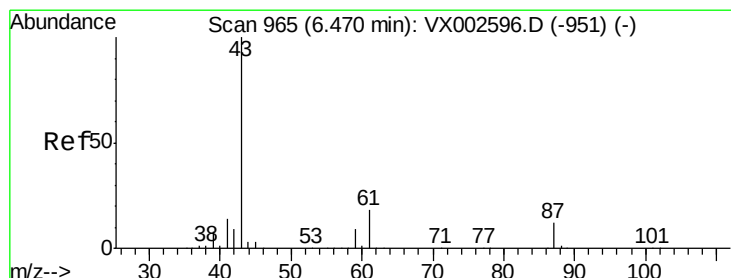
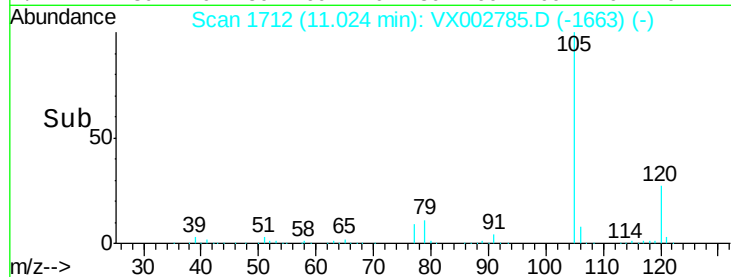
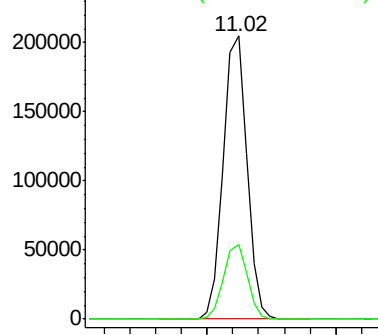
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.66 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion: 43 Resp: 122685

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

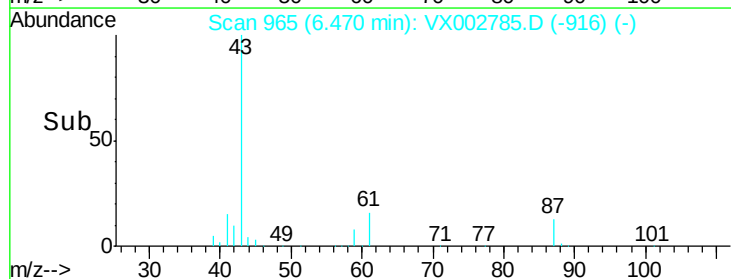
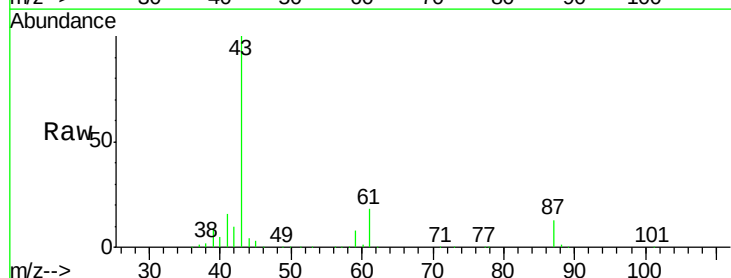
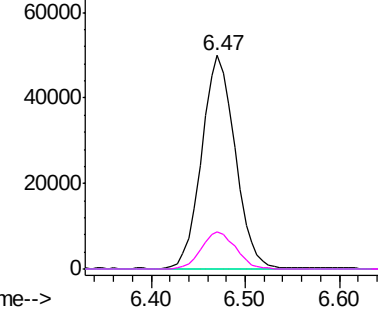
61 18.1 14.4 21.6

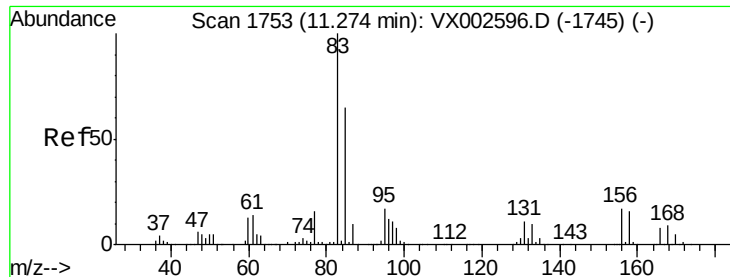
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.50 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

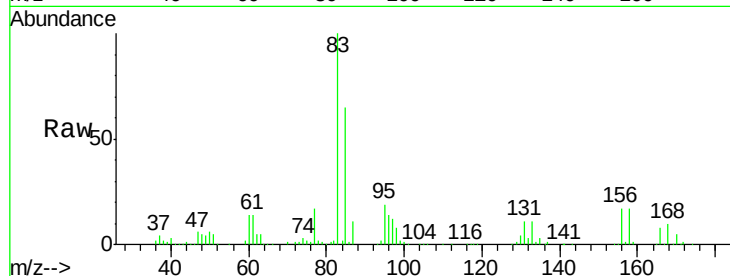
ClientSampleId :

VX0621WBS01

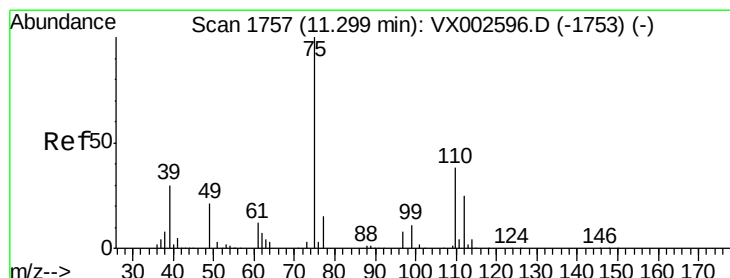
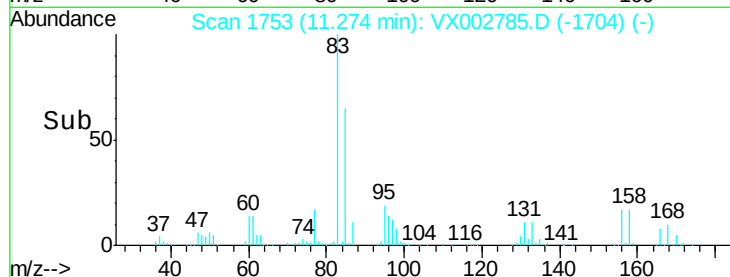
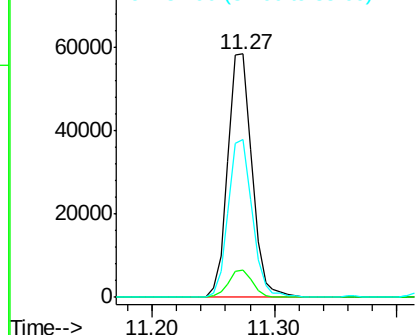
Tot Ion:	83	Resp:	80133
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.5	32.4	97.2

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



#76

1,2,3-Trichloropropane

Concen: 20.93 ug/l m

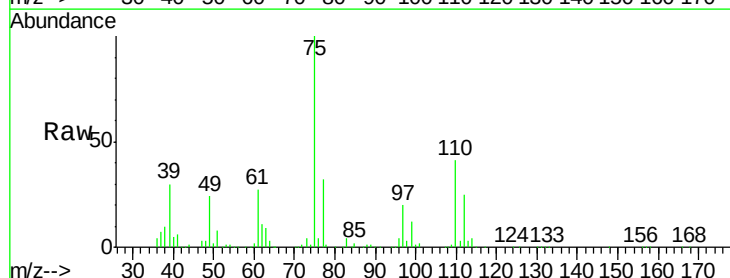
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

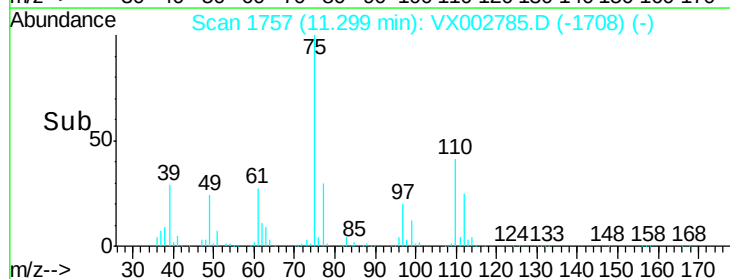
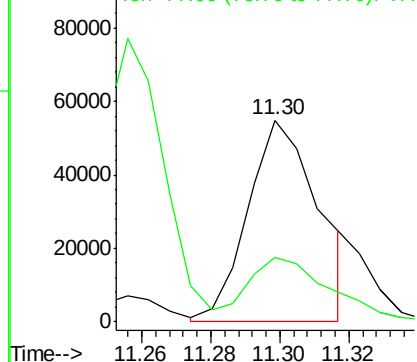
Lab File: VX002785.D

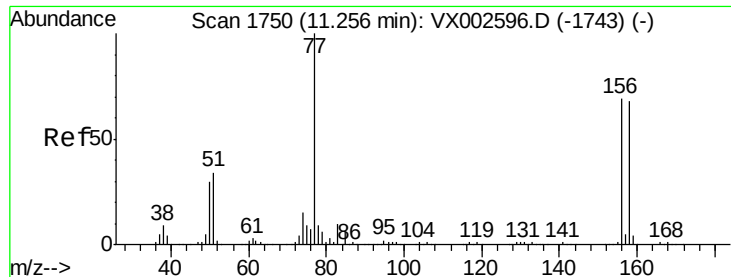
Acq: 21 Jun 2018 13:50

Tgt Ion:	75	Resp:	78153
Ion Ratio	Lower	Upper	
75	100		
77	37.3	22.8	68.3



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





#77

Bromobenzene

Concen: 19.68 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

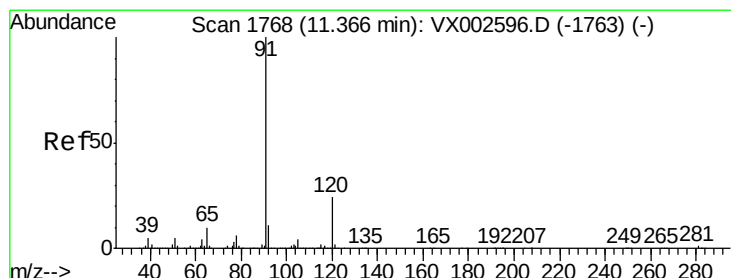
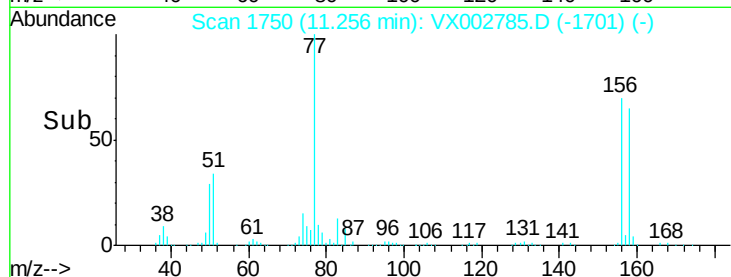
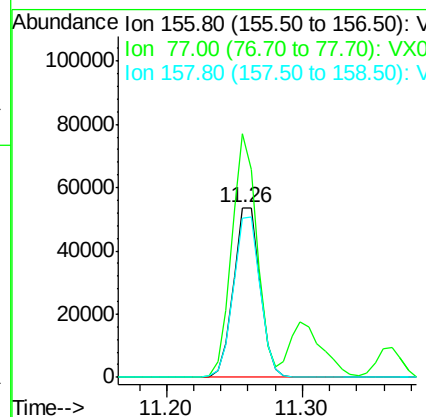
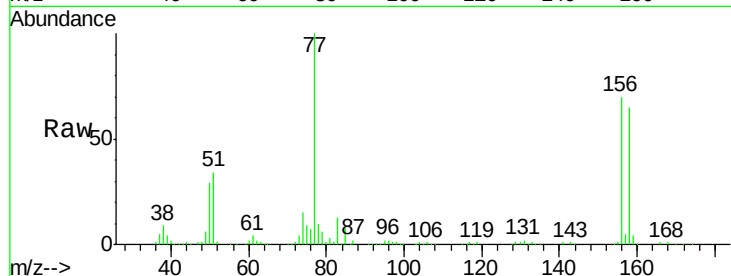
ClientSampleId :

VX0621WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.5	71.4	214.2
158	96.0	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.28 ug/l

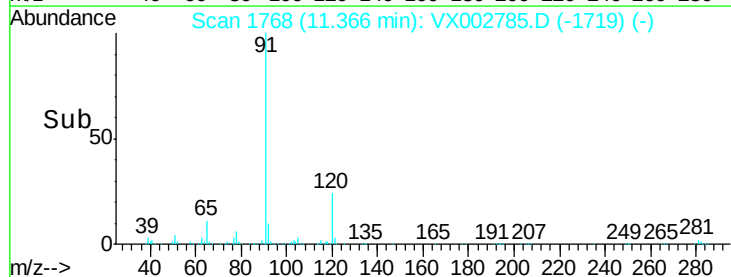
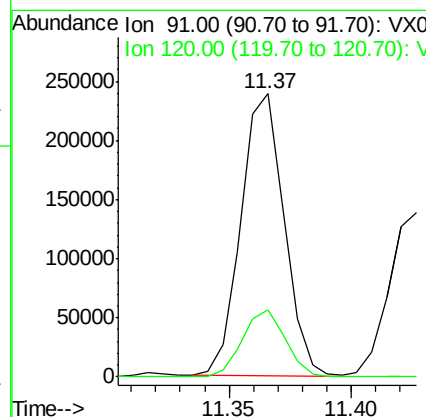
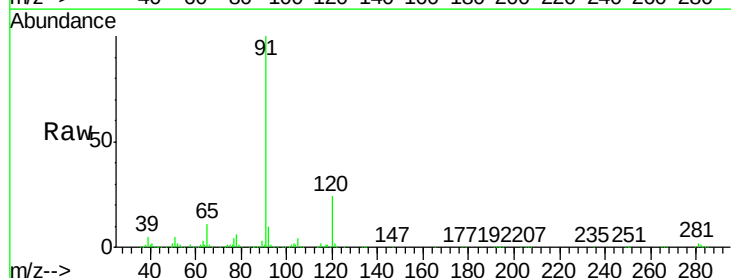
RT: 11.37 min Scan# 1768

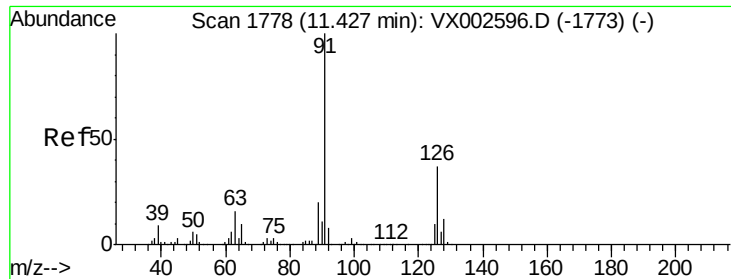
Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampled :

VX0621WBS01

Tot Ion: 91 Resp: 174582

Ion Ratio Lower Upper

91 100

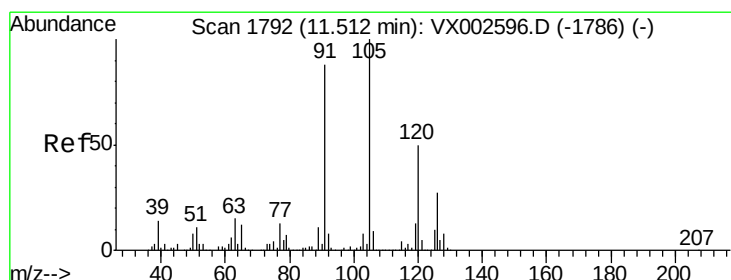
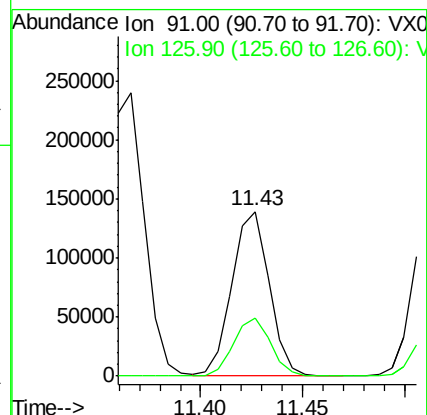
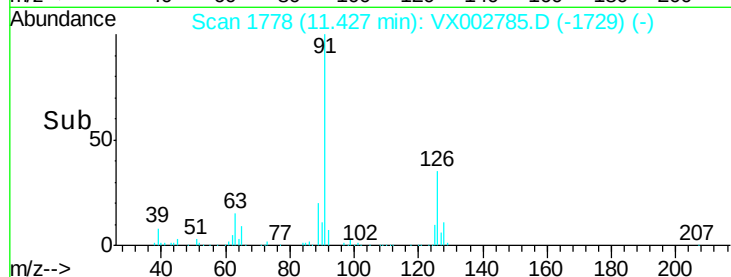
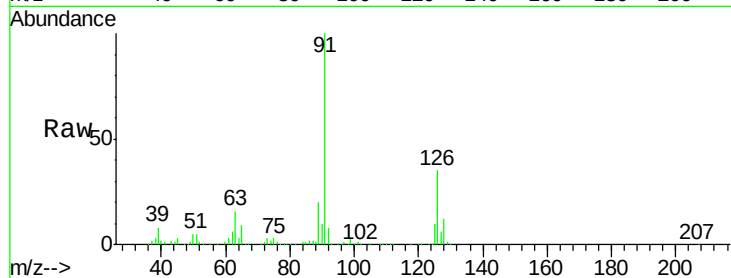
126 35.6 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002785.D

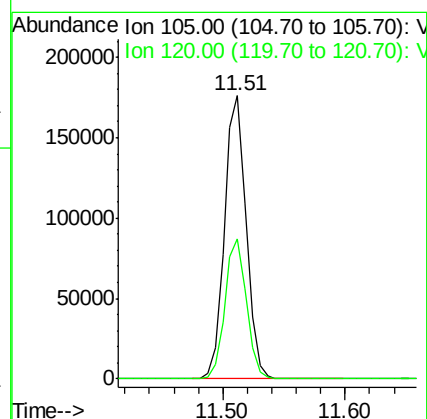
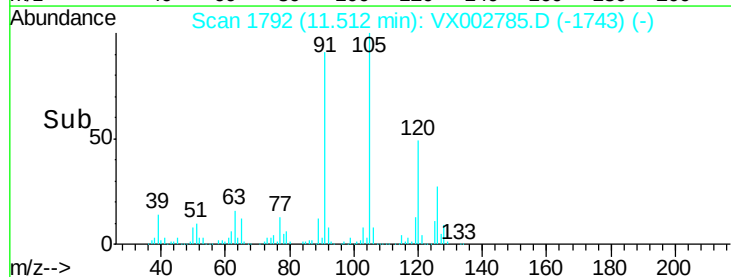
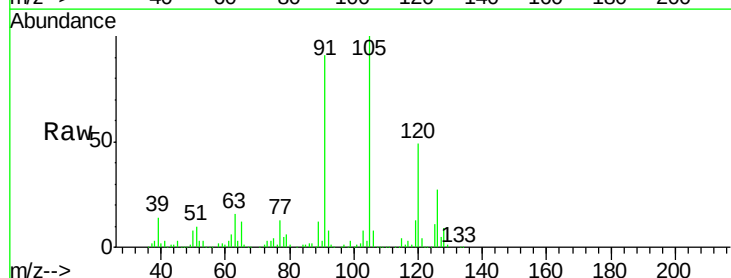
Acq: 21 Jun 2018 13:50

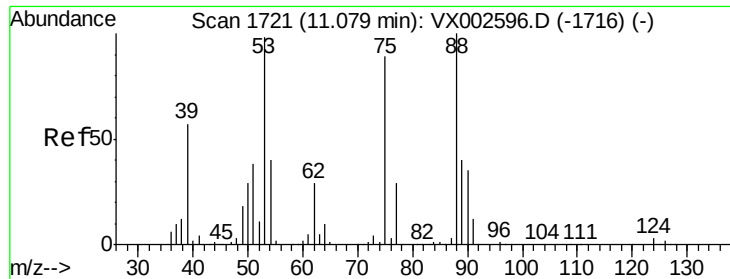
Tgt Ion: 105 Resp: 216834

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4





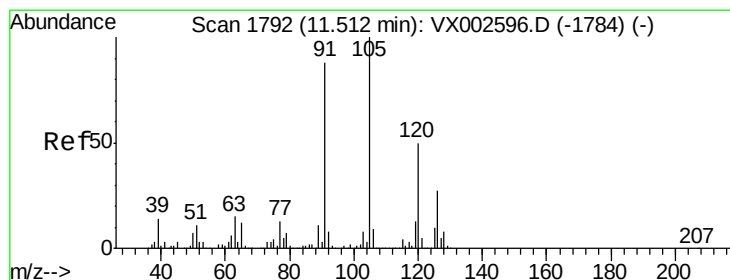
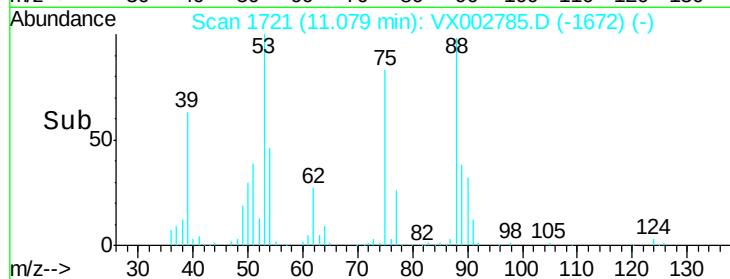
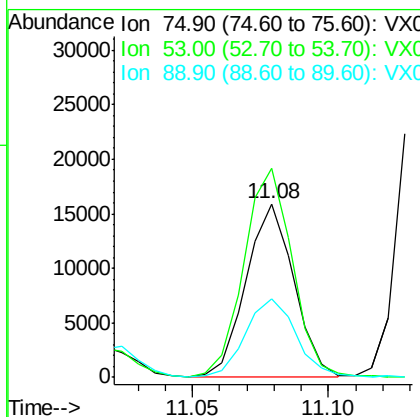
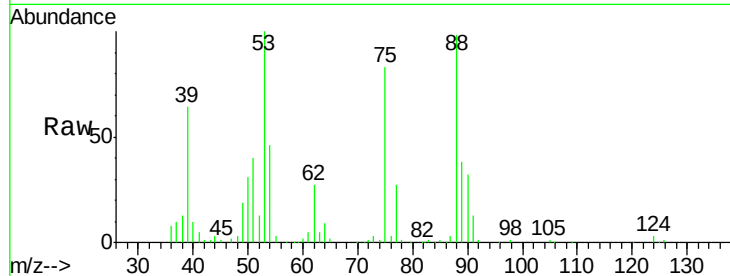
#81
trans-1,4-Dichloro-2-butene
Concen: 19.33 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion: 75 Resp: 19293
Ion Ratio Lower Upper
75 100
53 121.5 86.8 130.2
89 48.8 38.2 57.2

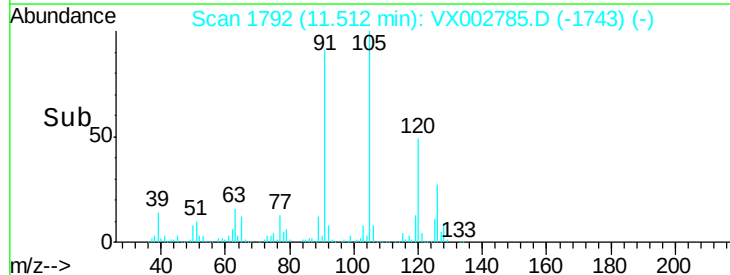
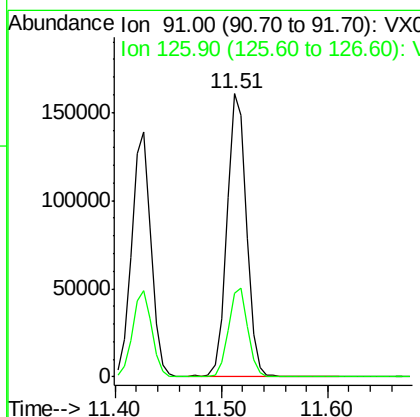
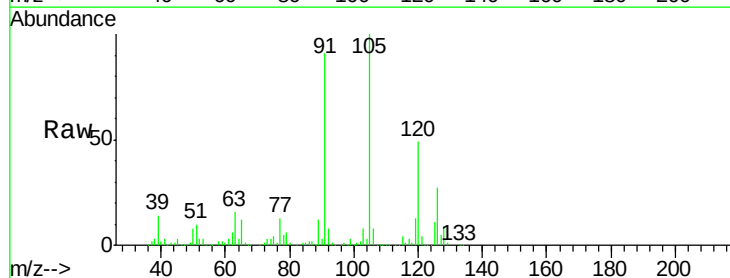
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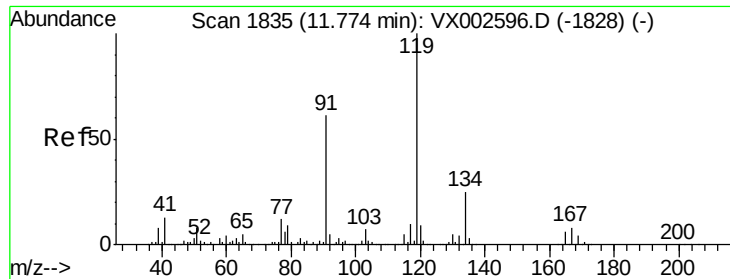
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#82
4-Chlorotoluene
Concen: 19.26 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 91 Resp: 205975
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.4





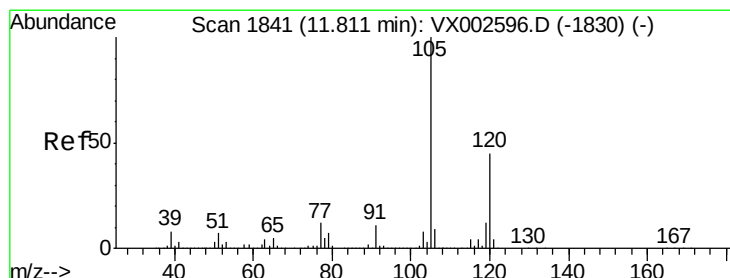
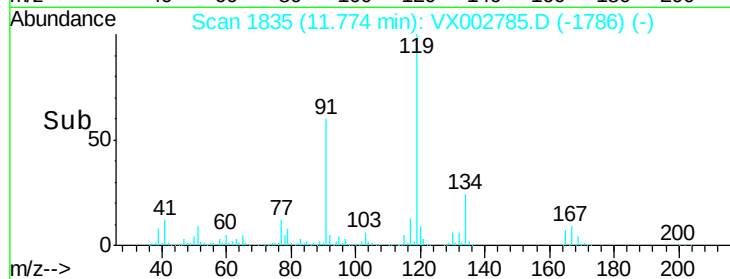
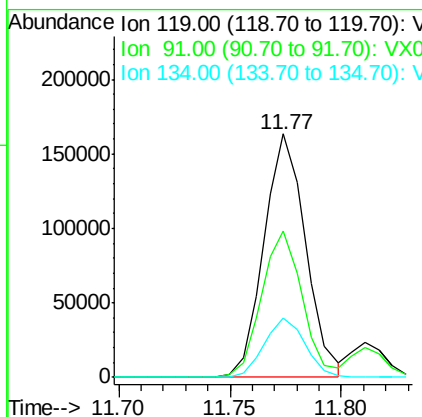
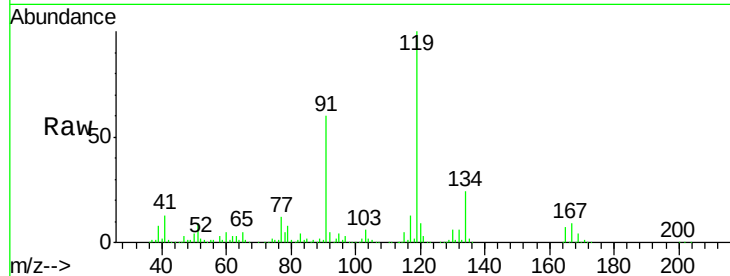
#83
 tert-Butylbenzene
 Concen: 19.69 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	212150		
91	58.9	30.3	90.9	
134	24.2	11.7	35.1	

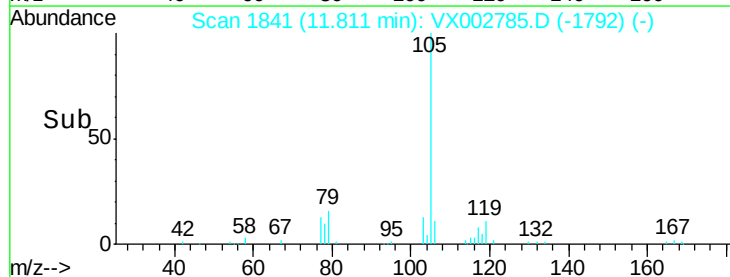
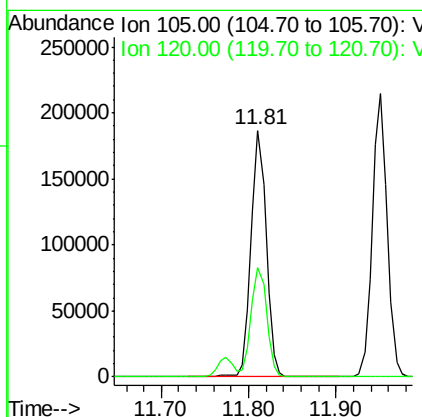
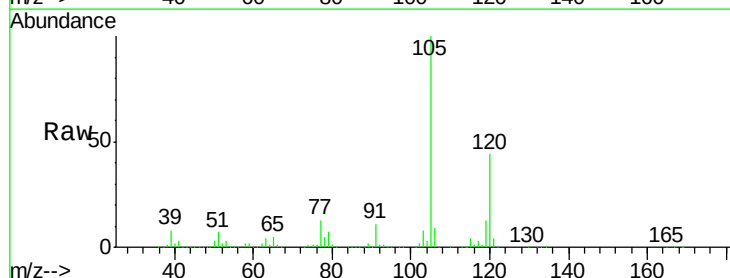
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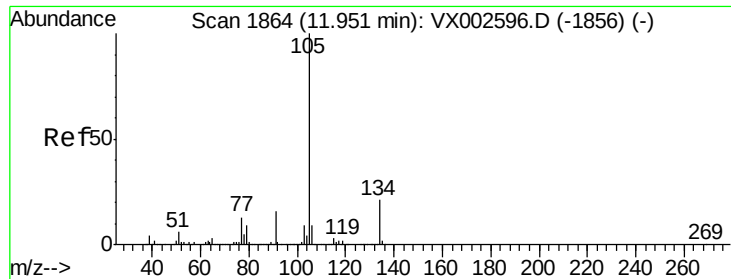
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223135		
120	45.6	22.3	66.8	





#85

sec-Butylbenzene

Concen: 19.22 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion:105 Resp: 257539

Ion Ratio Lower Upper

105 100

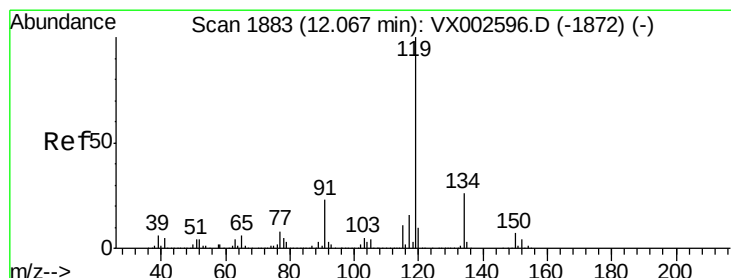
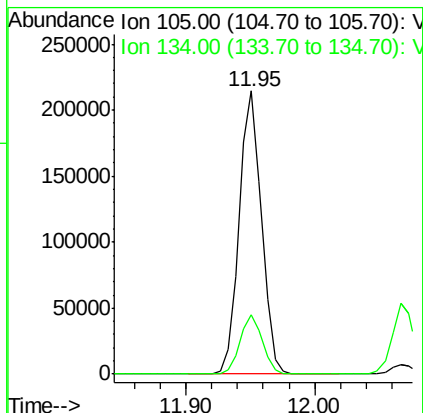
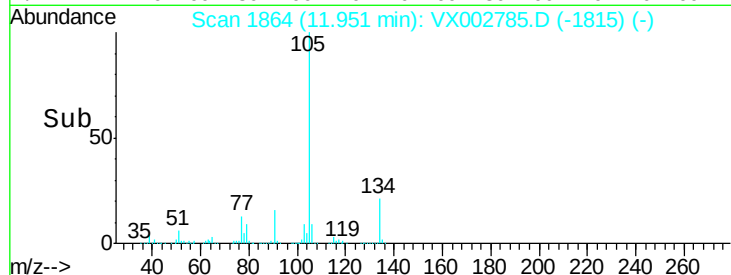
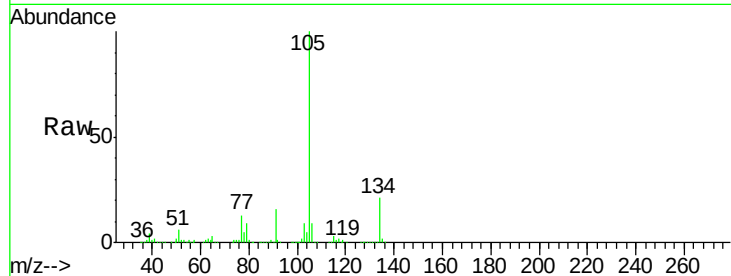
134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

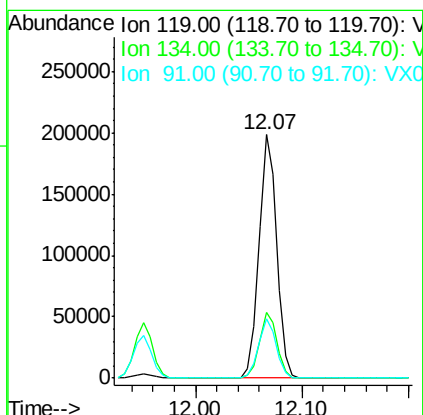
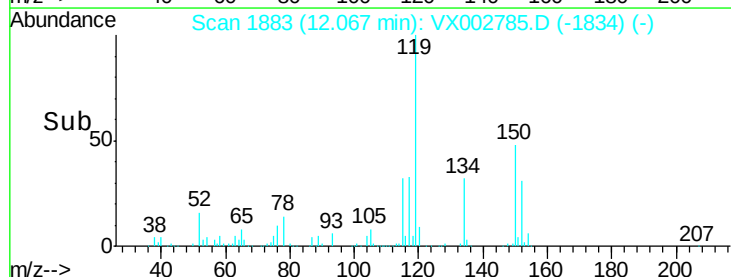
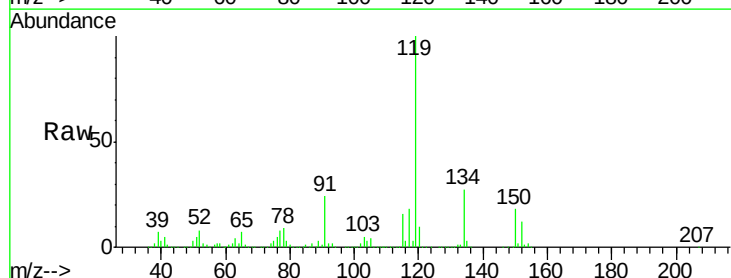
Tgt Ion:119 Resp: 232575

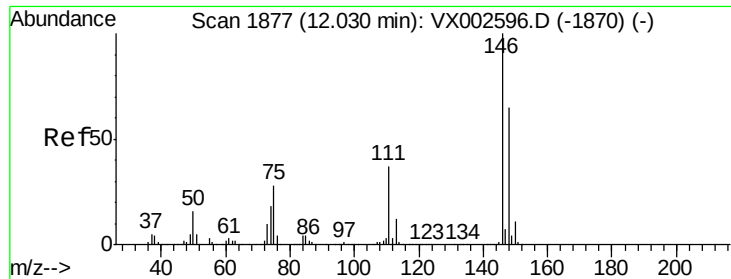
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 24.1 11.9 35.7





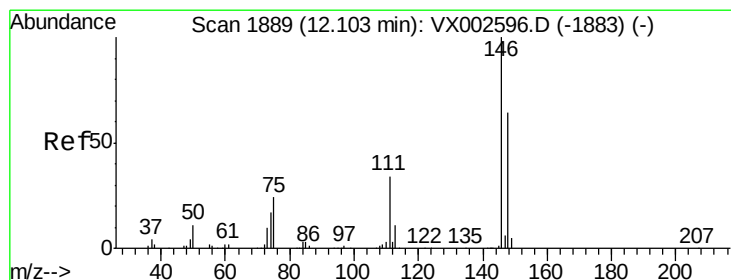
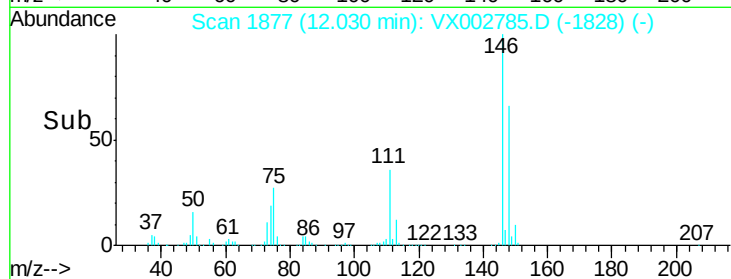
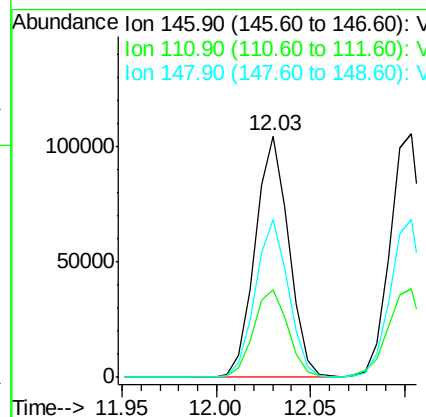
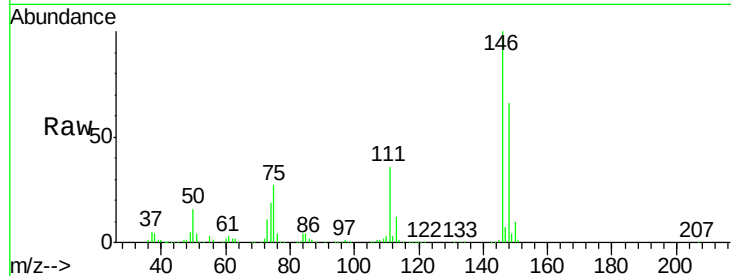
#87
 1,3-Dichlorobenzene
 Concen: 19.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.4	32.1	96.3

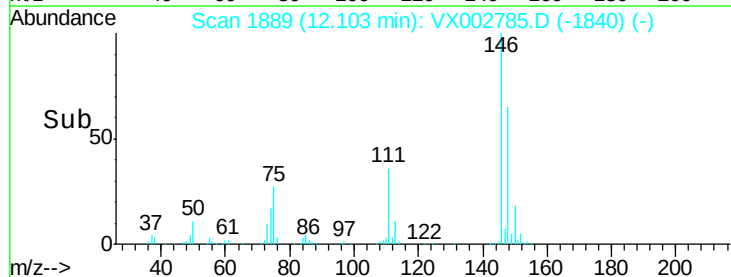
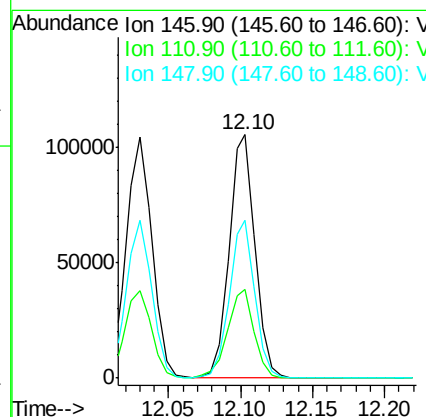
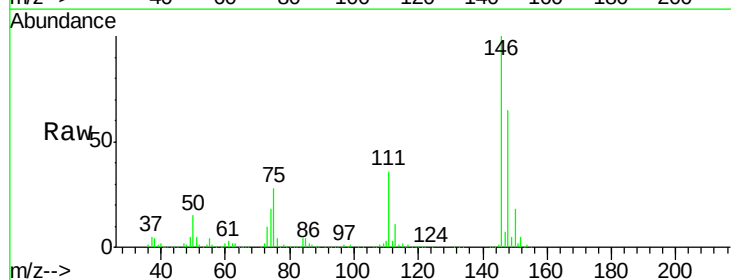
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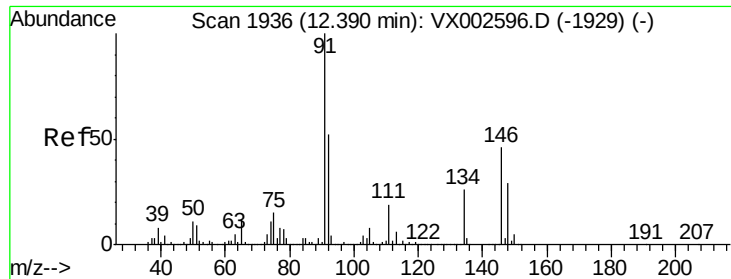
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#88
 1,4-Dichlorobenzene
 Concen: 19.42 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	63.6	32.4	97.0





#89

n-Butylbenzene

Concen: 18.45 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 91 Resp: 197368

Ion Ratio Lower Upper

91 100

92 51.0 26.0 78.0

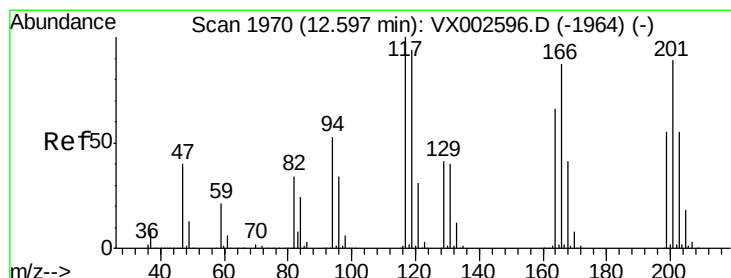
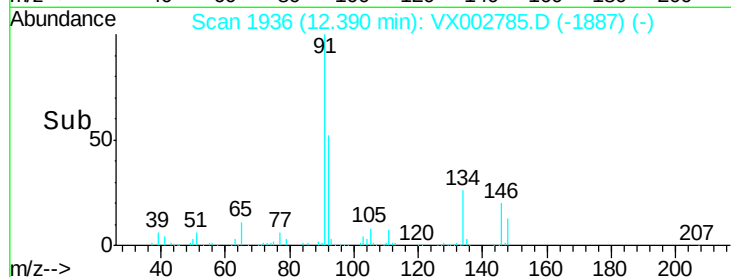
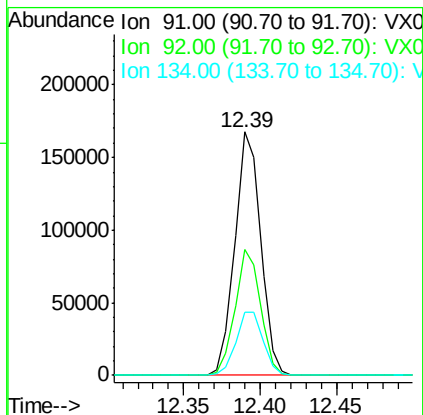
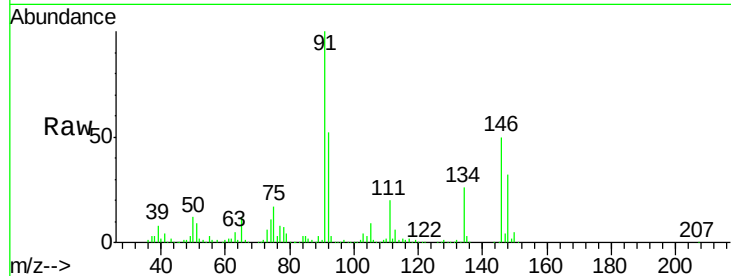
134 27.2 13.5 40.5

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#90

Hexachloroethane

Concen: 18.81 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002785.D

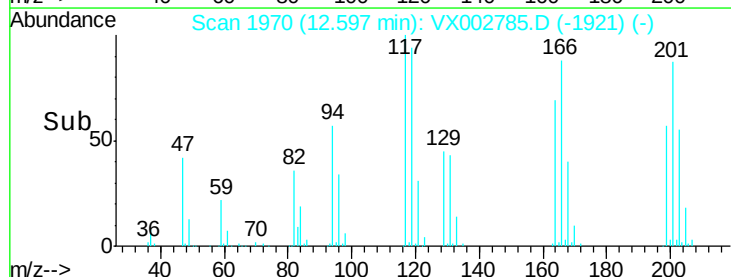
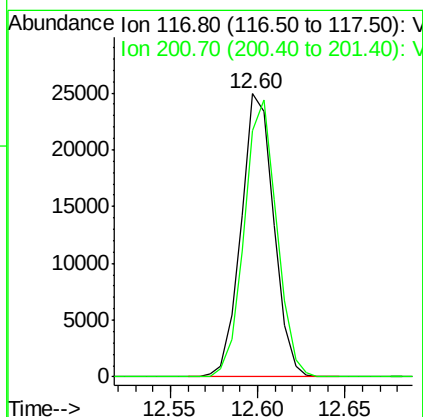
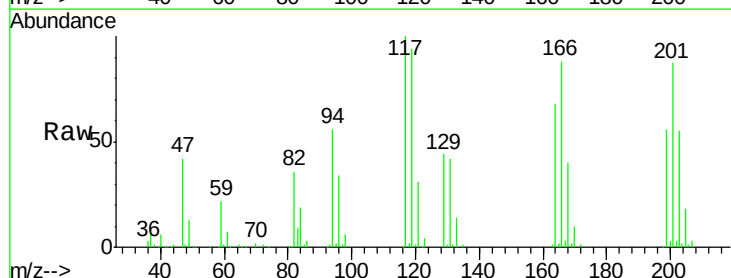
Acq: 21 Jun 2018 13:50

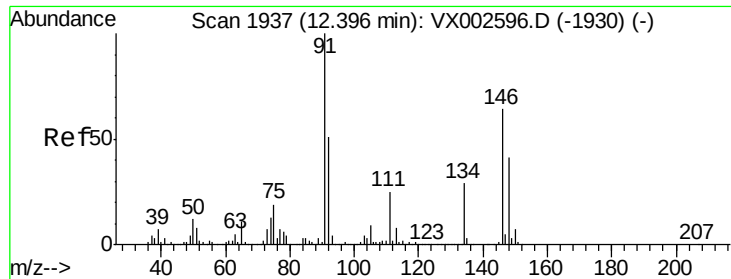
Tgt Ion: 117 Resp: 32287

Ion Ratio Lower Upper

117 100

201 96.7 49.0 147.0





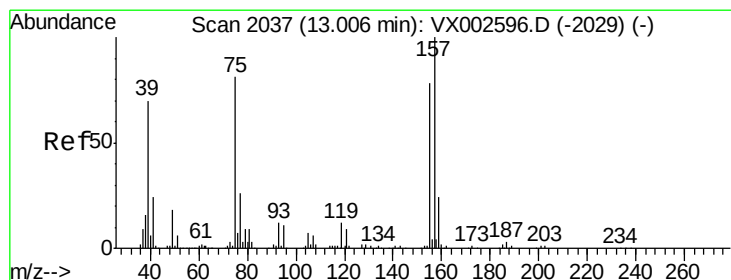
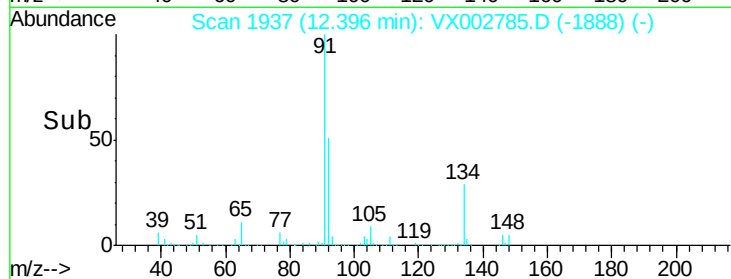
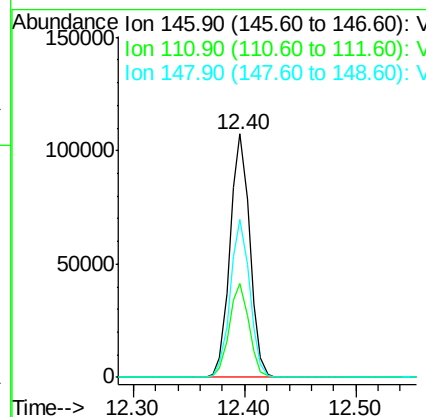
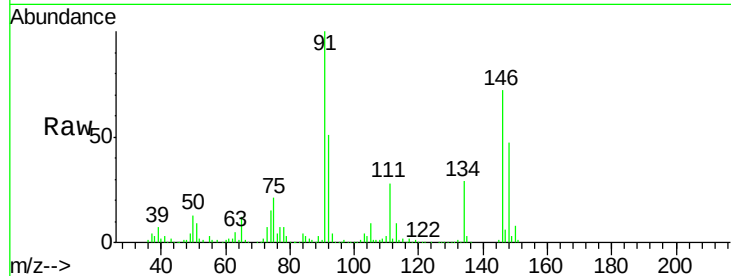
#91
 1,2-Dichlorobenzene
 Concen: 19.36 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	131796		
111	38.5	19.4	58.1	
148	64.3	31.7	95.1	

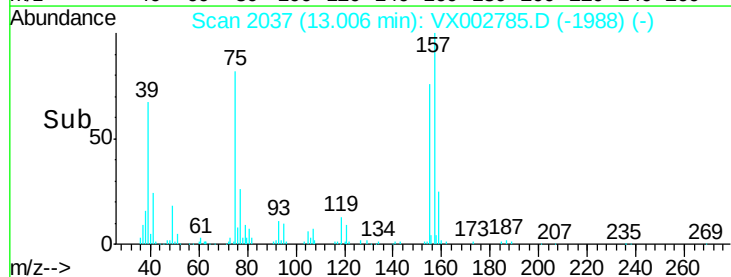
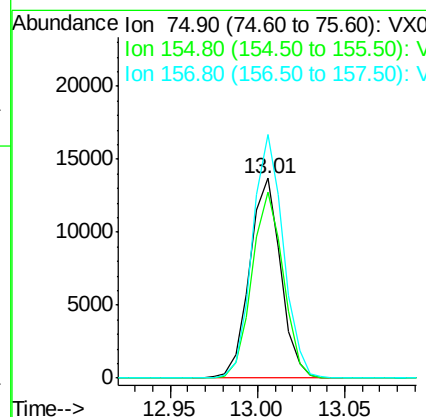
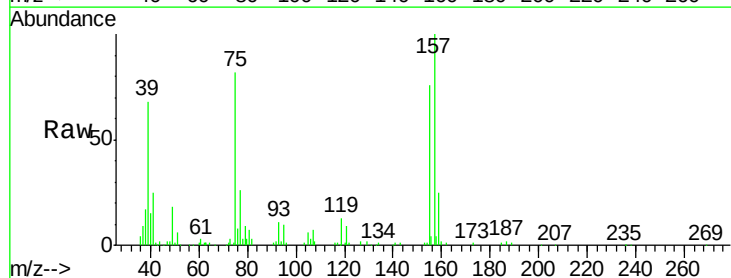
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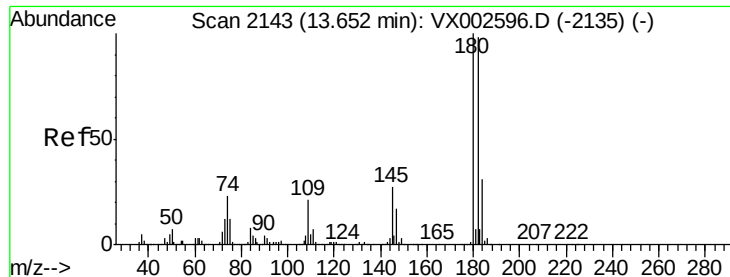
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.71 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16957		
155	93.1	45.8	137.4	
157	120.9	60.1	180.3	





#93

1,2,4-Trichlorobenzene

Concen: 18.98 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion:180 Resp: 93759

Ion Ratio Lower Upper

180 100

182 94.7 47.7 143.1

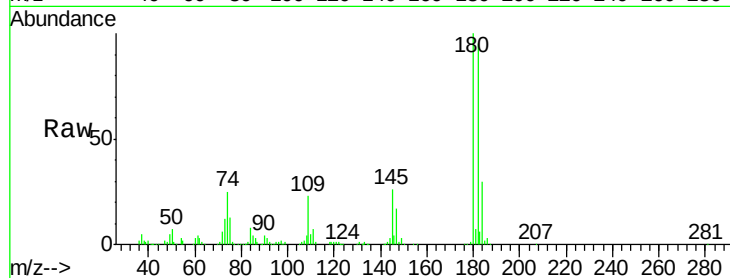
145 26.8 14.1 42.4

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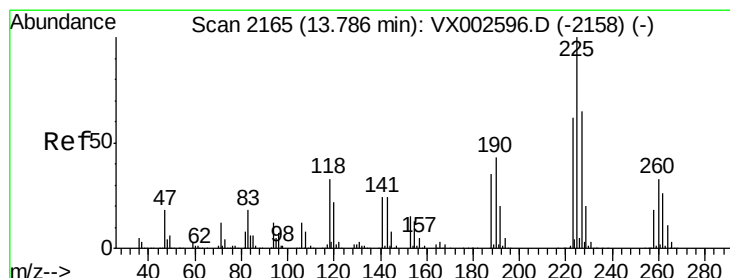
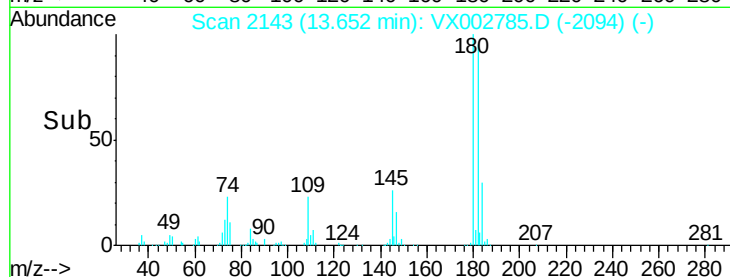
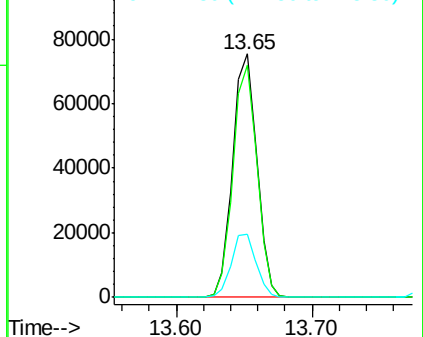
6/22/2018 1:59:21 PM



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.84 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

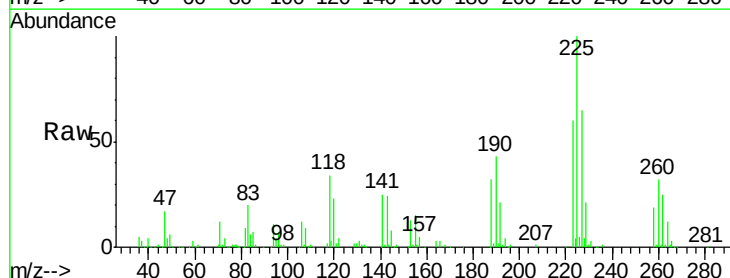
Tgt Ion:225 Resp: 49021

Ion Ratio Lower Upper

225 100

223 61.7 31.6 95.0

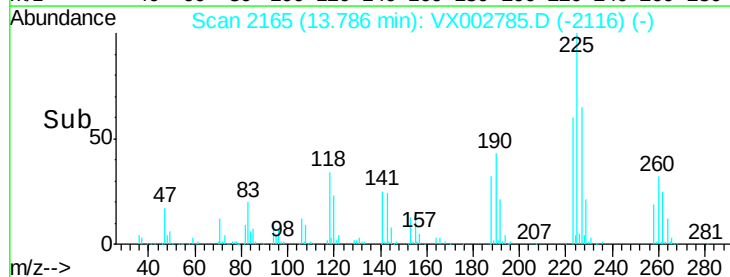
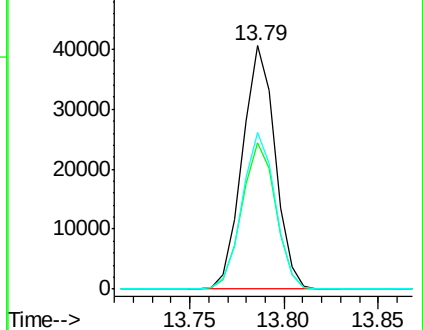
227 64.9 32.4 97.2

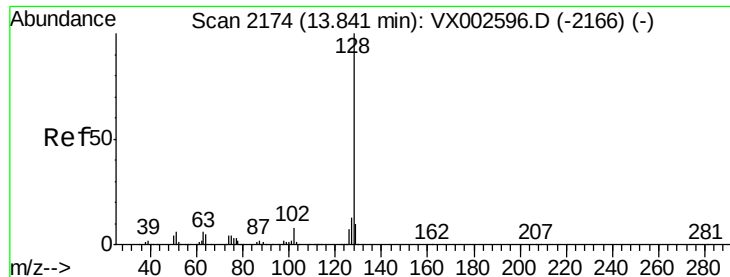


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.36 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

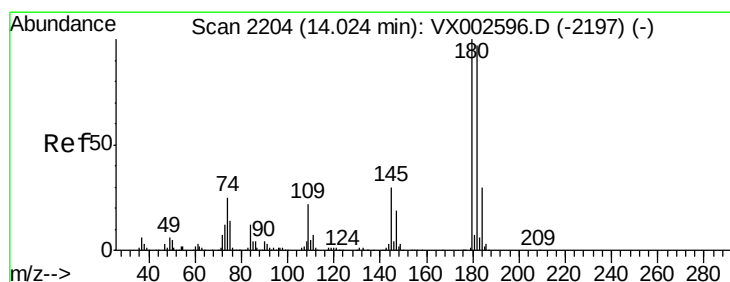
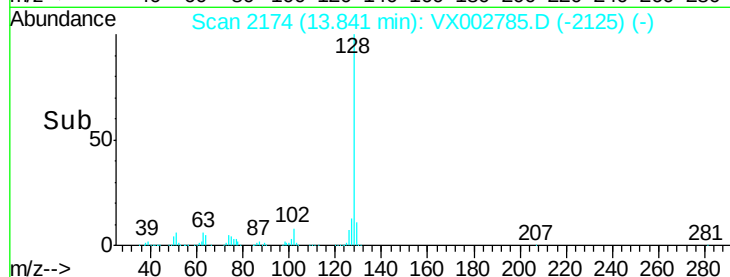
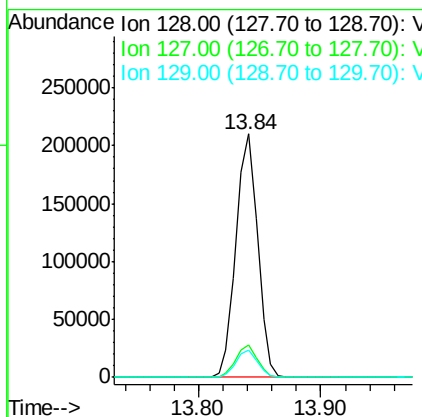
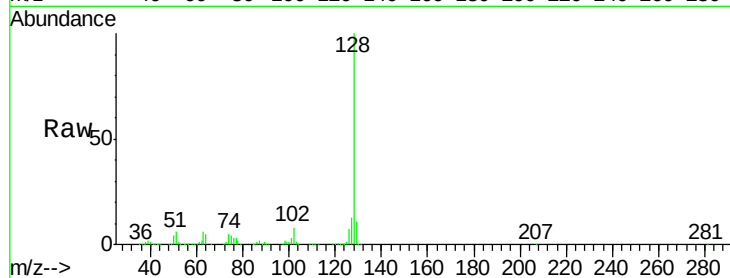
ClientSampleId :

VX0621WBS01

Tot Ion:	128	Resp:	257388
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 19.59 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	180	Resp:	97172
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.0	144.0
145	29.3	14.8	44.3

