

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003462.D
 Acq On : 19 Jul 2018 13:02
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:06 PM

Quant Time: Jul 19 15:25:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 15:12:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3544	1.29	ug/l	100
3) Chloromethane	1.32	50	4328	1.33	ug/l	93
4) Vinyl Chloride	1.40	62	4484	1.33	ug/l	99
5) Bromomethane	1.64	94	3850	1.89	ug/l	90
6) Chloroethane	1.73	64	2806	1.26	ug/l	89
7) Trichlorofluoromethane	1.93	101	6154	1.12	ug/l #	82
8) Diethyl Ether	2.19	74	2643	1.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4127	1.34	ug/l	96
12) 1,1-Dichloroethene	2.37	96	3888	1.35	ug/l	93
14) Allyl chloride	2.73	41	6798	1.19	ug/l	90
15) Acrylonitrile	3.14	53	11189	6.32	ug/l	99
16) Acetone	2.44	43	8545	4.94	ug/l #	81
17) Carbon Disulfide	2.57	76	13879	2.03	ug/l	98
18) Methyl Acetate	2.77	43	5558	1.21	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	11507	1.06	ug/l	99
20) Methylene Chloride	2.86	84	5893	1.66	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	4555	1.46	ug/l	81
22) Diisopropyl ether	3.87	45	12381	1.19	ug/l #	89
23) Vinyl Acetate	3.82	43	49007	5.65	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	7426	1.32	ug/l	97
25) 2-Butanone	4.70	43	12094	5.32	ug/l	93
26) 2,2-Dichloropropane	4.59	77	5140	1.27	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	4243	1.33	ug/l #	1
28) Bromochloromethane	5.01	49	2821	1.07	ug/l #	86
29) Tetrahydrofuran	5.16	42	8675	5.82	ug/l	95
30) Chloroform	5.21	83	6825	1.26	ug/l	93
31) Cyclohexane	5.57	56	5376	1.16	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	5402	1.19	ug/l #	50
36) 1,1-Dichloropropene	5.80	75	5109	1.35	ug/l	92
37) Ethyl Acetate	4.86	43	4534	1.06	ug/l #	82
38) Carbon Tetrachloride	5.78	117	4656	1.24	ug/l	89
39) Methylcyclohexane	7.46	83	5170	1.17	ug/l	88
40) Benzene	6.14	78	14493	1.28	ug/l	96
41) Methacrylonitrile	5.06	41	2950	1.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	4872	1.11	ug/l	95
43) Isopropyl Acetate	6.46	43	6829	0.96	ug/l	94
44) Trichloroethene	7.21	130	4537	1.39	ug/l	89
45) 1,2-Dichloropropane	7.52	63	3651	1.22	ug/l	89
46) Dibromomethane	7.66	93	2535	1.27	ug/l	97
47) Bromodichloromethane	7.90	83	4211	1.20	ug/l	94
48) Methyl methacrylate	7.78	41	3560	0.98	ug/l	94
49) 1,4-Dioxane	7.76	88	1571	22.91	ug/l #	80
51) 4-Methyl-2-Pentanone	8.65	43	20326	4.47	ug/l	93
52) Toluene	8.79	92	8654	1.20	ug/l	99
53) t-1,3-Dichloropropene	8.43	75	4517	1.09	ug/l	93
54) cis-1,3-Dichloropropene	9.04	75	4492	1.17	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	3538	1.21	ug/l	97
56) Ethyl methacrylate	9.18	69	3983	0.89	ug/l	97
57) 1,3-Dichloropropane	9.37	76	5934	1.20	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	12118	5.57	ug/l	100
59) 2-Hexanone	9.50	43	15130	4.41	ug/l	93
60) Dibromochloromethane	9.59	129	3157	1.12	ug/l	99
61) 1,2-Dibromoethane	9.68	107	3612	1.19	ug/l	95
64) Tetrachloroethene	9.34	164	5073	1.38	ug/l	98
65) Chlorobenzene	10.14	112	10762	1.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	3183	1.15	ug/l #	67
67) Ethyl Benzene	10.26	91	15664	1.14	ug/l	99
68) m/p-Xylenes	10.36	106	11712	2.22	ug/l	97
69) o-Xylene	10.70	106	5687	1.10	ug/l	98
70) Styrene	10.71	104	9042	1.06	ug/l	98
71) Bromoform	10.86	173	2136	1.03	ug/l #	92
73) Isopropylbenzene	11.02	105	15501	1.16	ug/l	98
74) N-amyl acetate	6.46	43	6829	1.03	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	4818	1.23	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	4279m	1.14	ug/l	
77) Bromobenzene	11.26	156	4980	1.34	ug/l	97
78) n-propylbenzene	11.36	91	16827	1.10	ug/l	100
79) 2-Chlorotoluene	11.42	91	11431	1.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	11876	1.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	924	0.93	ug/l #	81
82) 4-Chlorotoluene	11.51	91	12141	1.13	ug/l	94
83) tert-Butylbenzene	11.77	119	11847	1.09	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	11815	1.03	ug/l	97
85) sec-Butylbenzene	11.95	105	14946	1.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	12650	1.04	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	9354	1.38	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	10342	1.50	ug/l	84
89) n-Butylbenzene	12.39	91	12140	1.13	ug/l	98
90) Hexachloroethane	12.60	117	1762	1.05	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	9591	1.40	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	833	1.01	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	6695	1.35	ug/l	96
94) Hexachlorobutadiene	13.79	225	3820	1.46	ug/l	96
95) Naphthalene	13.83	128	16791	1.26	ug/l	99

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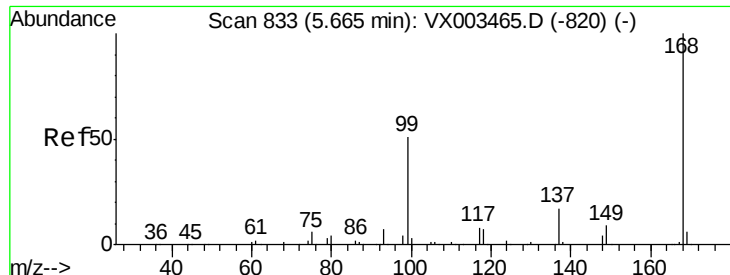
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	6671	1.34	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC01

Tot Ion:168 Resp: 258125

Ion Ratio Lower Upper

168 100

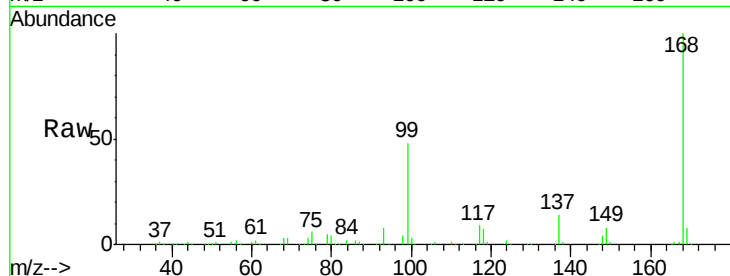
99 48.1 39.3 58.9

Manual Integrations

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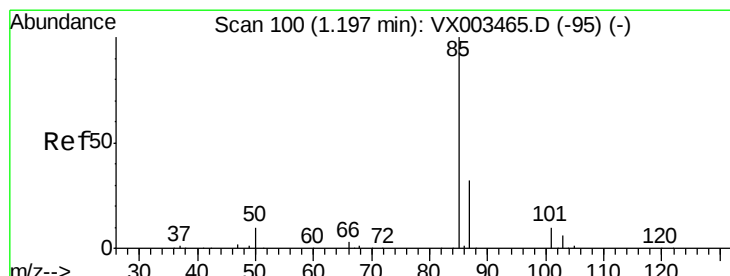
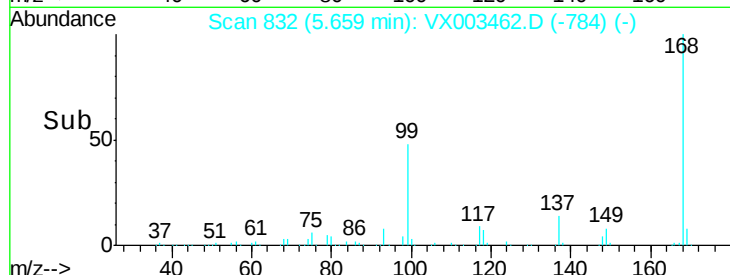
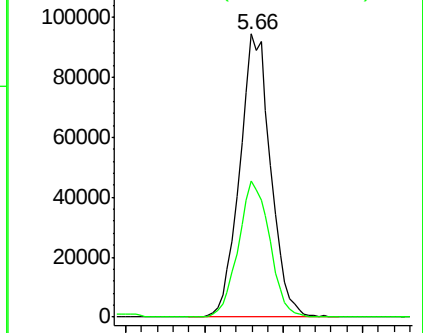
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.29 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003462.D

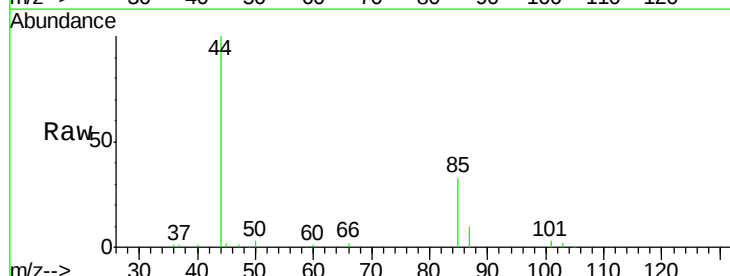
Acq: 19 Jul 2018 13:02

Tgt Ion: 85 Resp: 3544

Ion Ratio Lower Upper

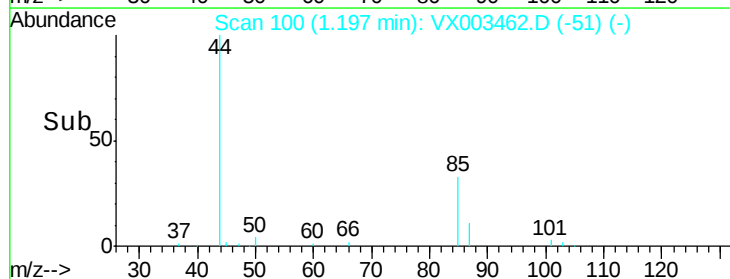
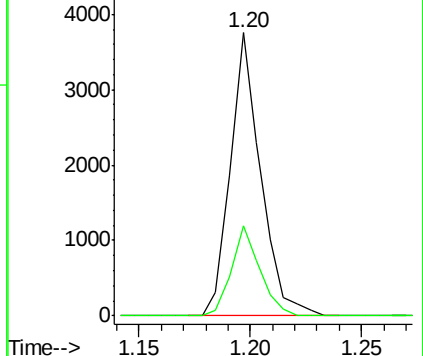
85 100

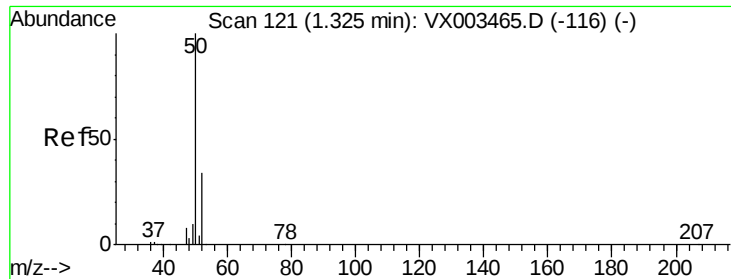
87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC01

Tot Ion: 50 Resp: 4328

Ion Ratio Lower Upper

50 100

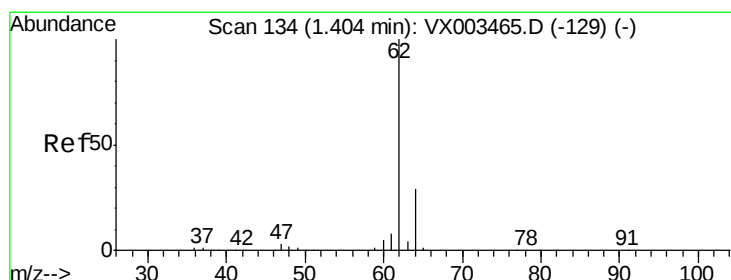
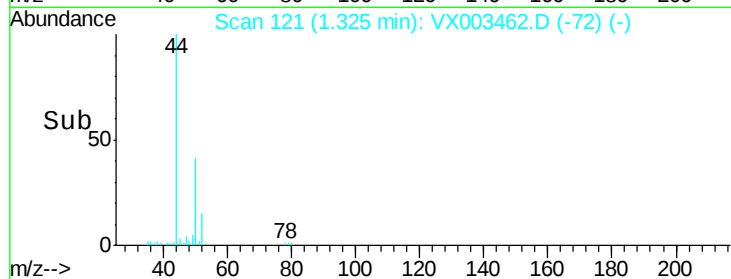
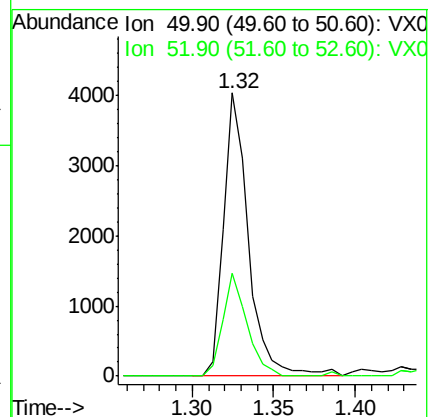
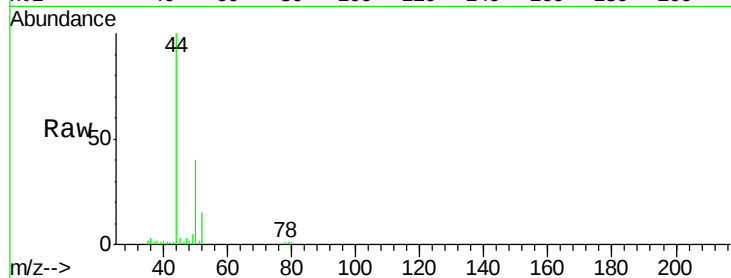
52 36.2 25.7 38.5

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#4

Vinyl Chloride

Concen: 1.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003462.D

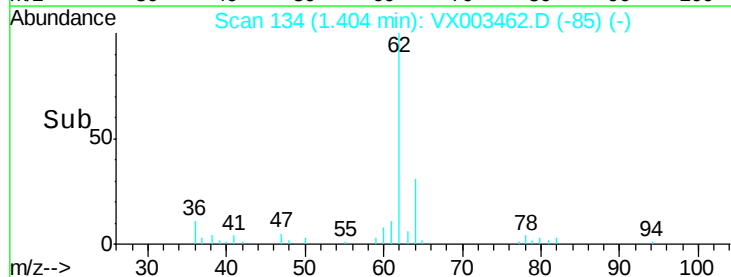
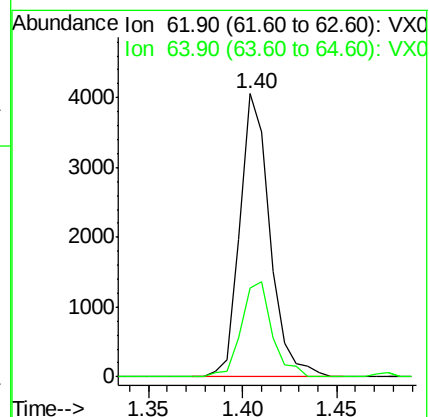
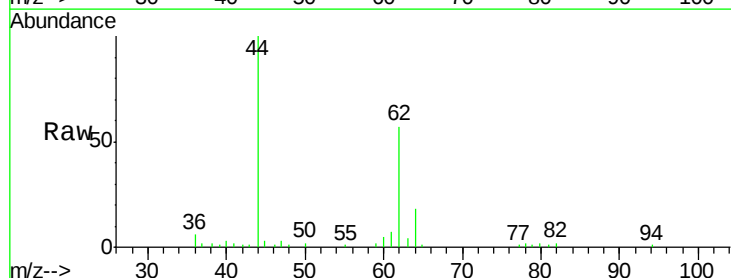
Acq: 19 Jul 2018 13:02

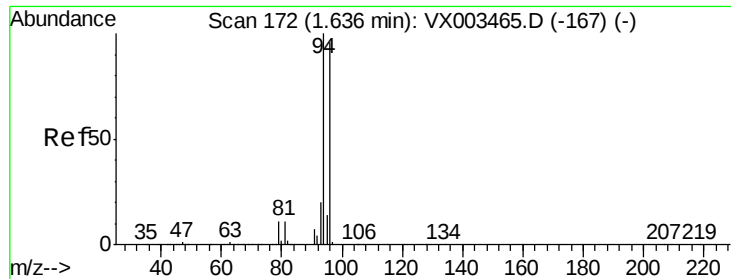
Tgt Ion: 62 Resp: 4484

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 1.89 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC01

Tot Ion: 94 Resp: 3850

Ion Ratio Lower Upper

94 100

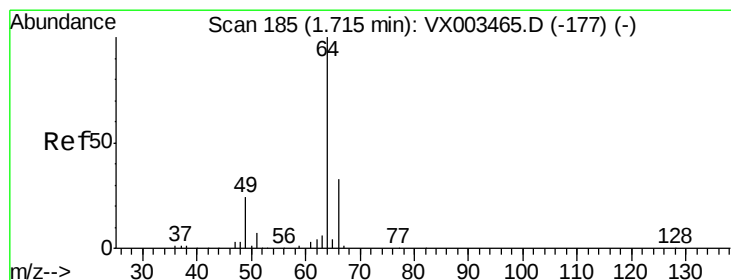
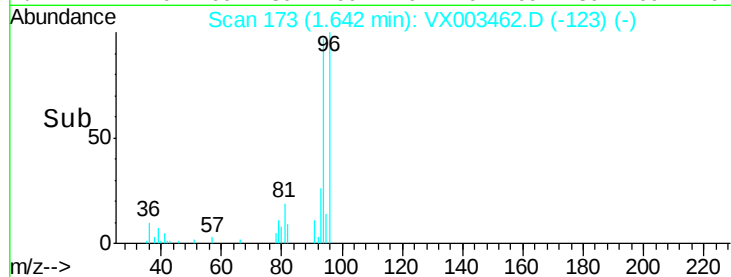
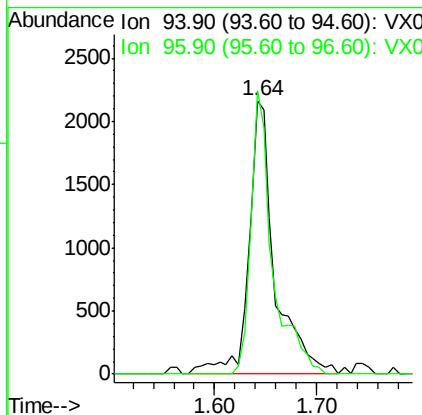
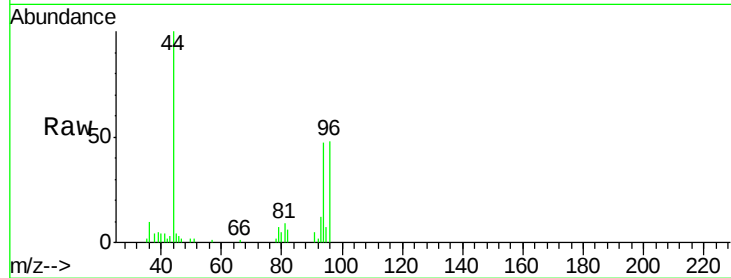
96 103.6 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 1.26 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003462.D

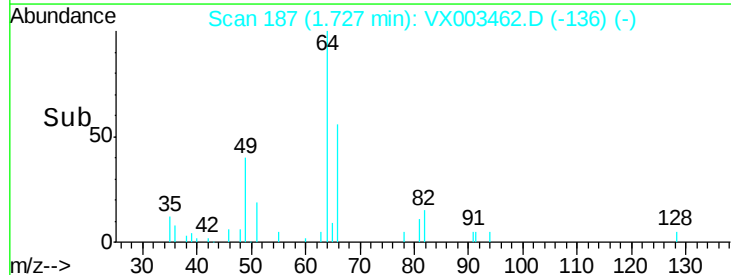
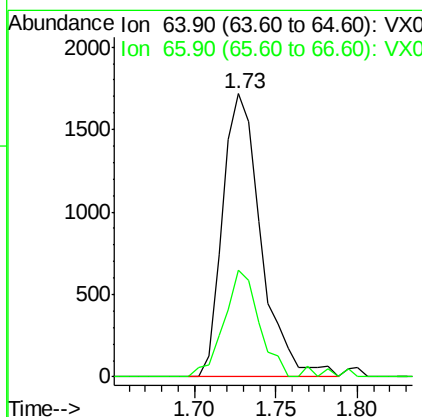
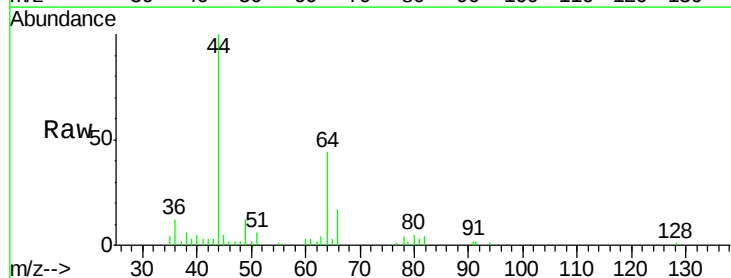
Acq: 19 Jul 2018 13:02

Tgt Ion: 64 Resp: 2806

Ion Ratio Lower Upper

64 100

66 37.8 25.5 38.3





#7

Trichlorofluoromethane

Concen: 1.12 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC01

Tot Ion:101 Resp: 6154

Ion Ratio Lower Upper

101 100

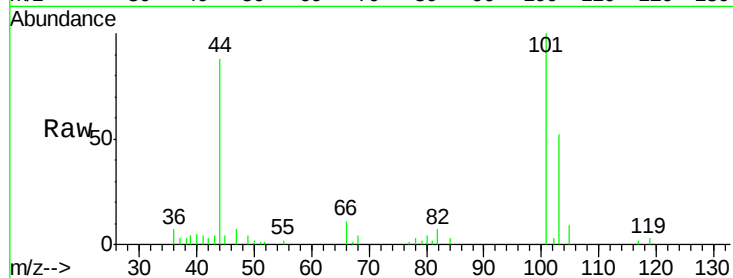
103 52.0 52.8 79.2#

Manual Integrations

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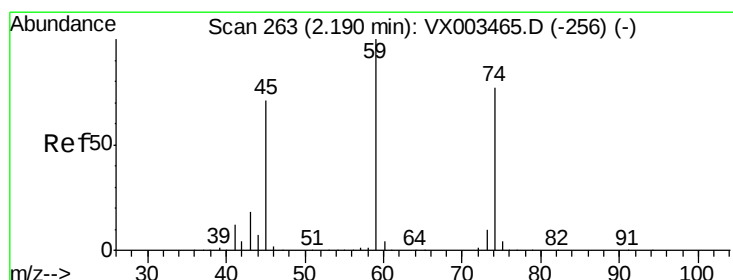
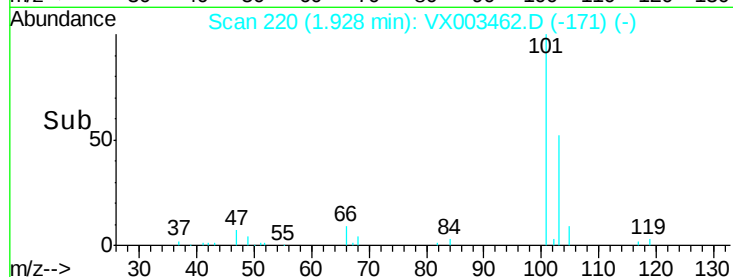
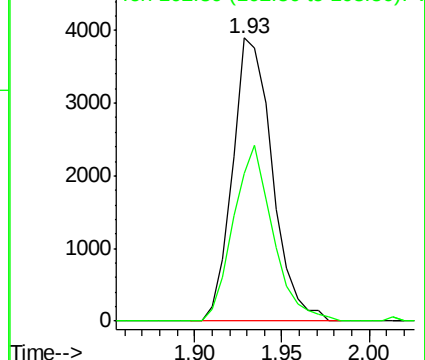
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.26 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003462.D

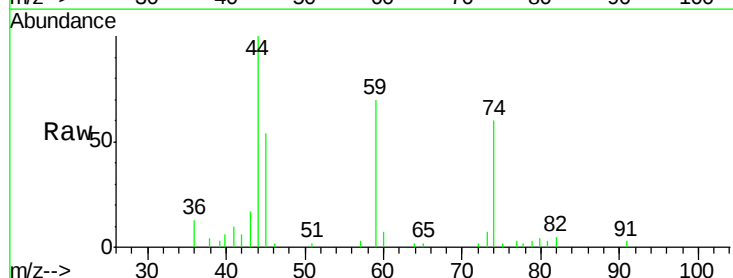
Acq: 19 Jul 2018 13:02

Tgt Ion: 74 Resp: 2643

Ion Ratio Lower Upper

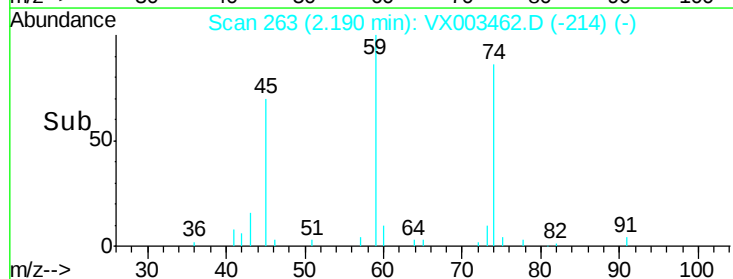
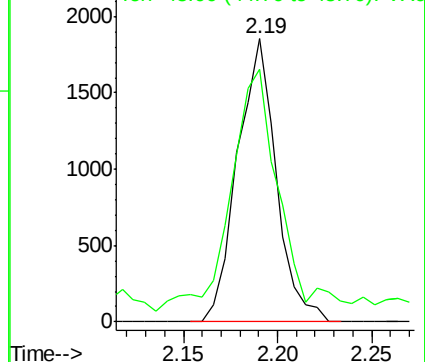
74 100

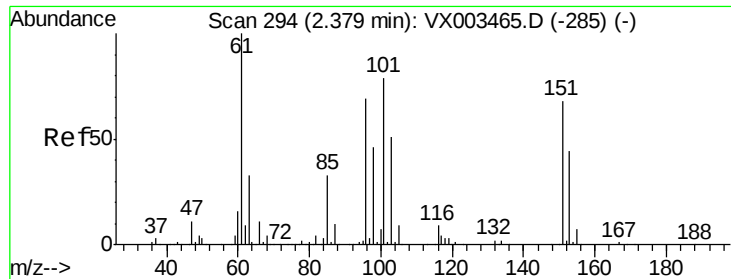
45 106.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.34 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

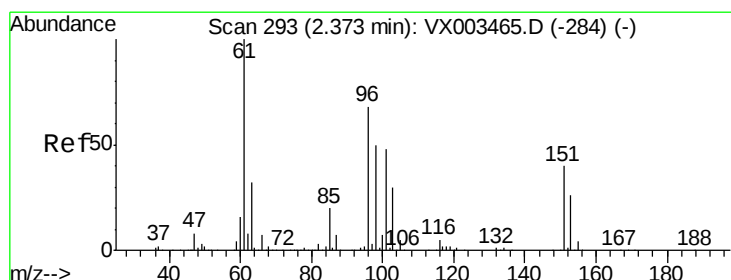
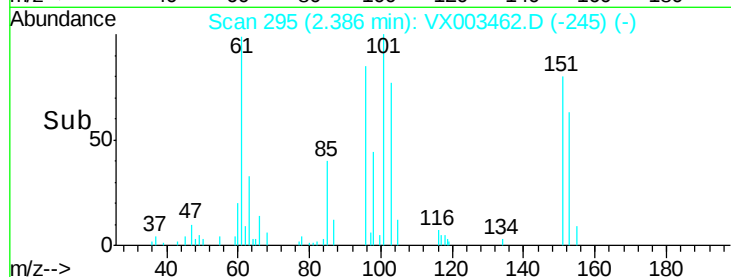
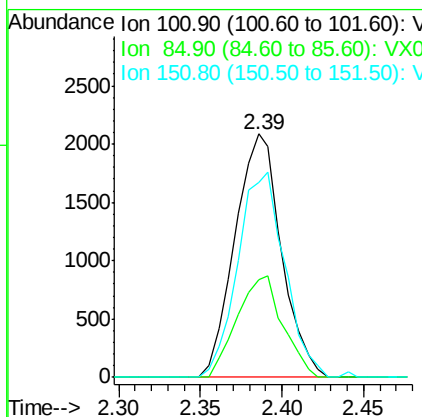
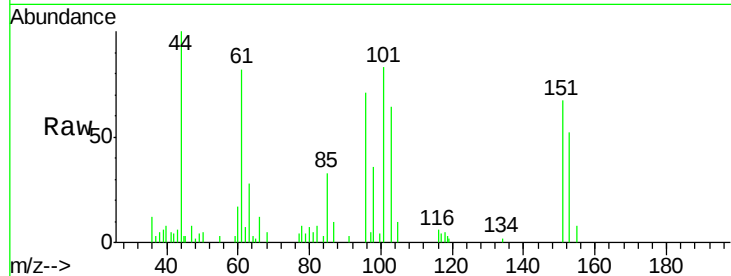
ClientSampleId :

VSTDIC01

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.0	36.0	54.0
151	85.2	70.9	106.3

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#12

1,1-Dichloroethene

Concen: 1.35 ug/l

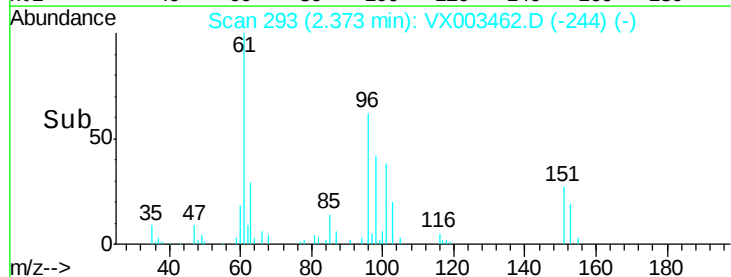
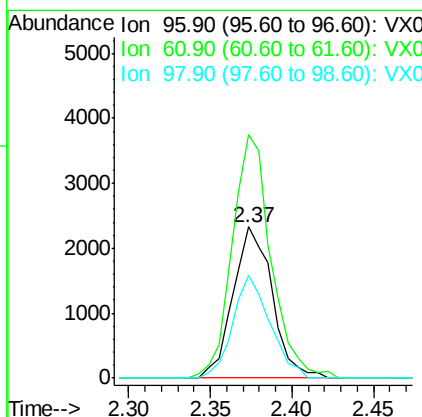
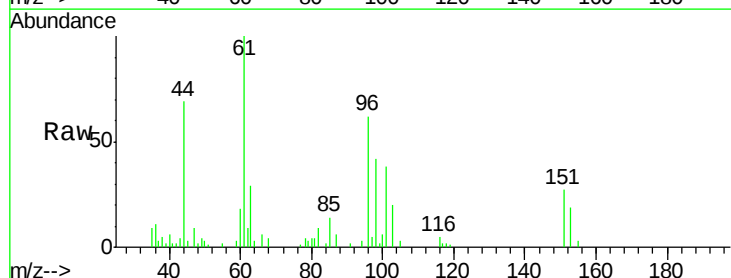
RT: 2.37 min Scan# 293

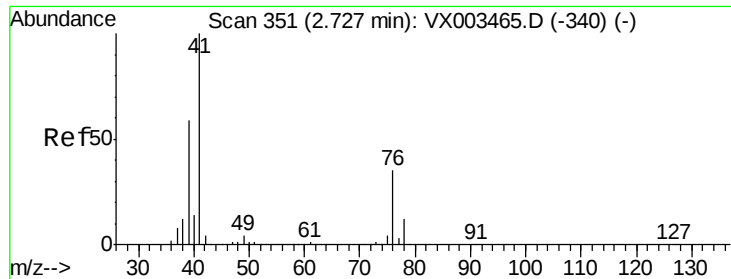
Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	137.9	206.9
98	67.8	51.6	77.4





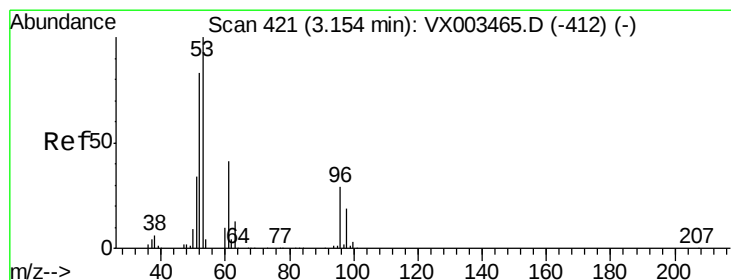
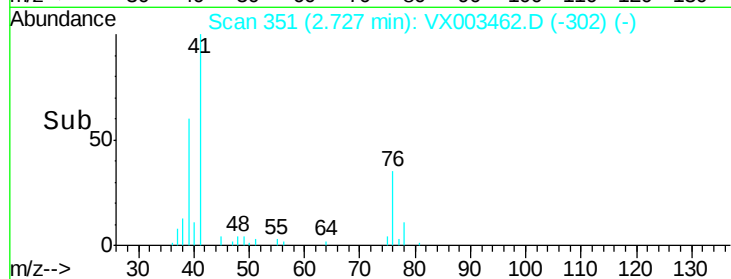
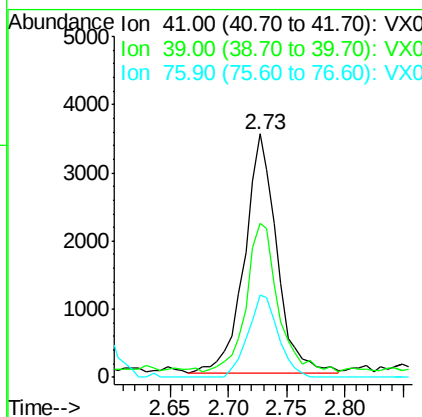
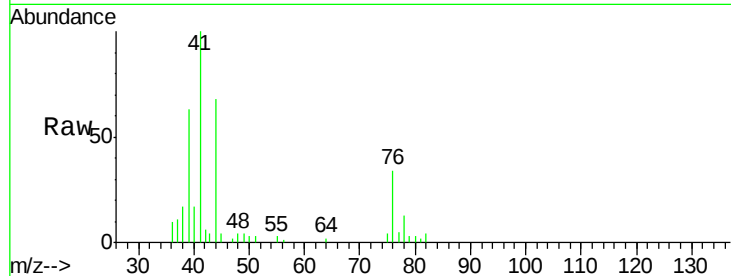
#14
Allvl chloride
Concen: 1.19 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion:	41	Resp:	6798
Ion	Ratio	Lower	Upper
41	100		
39	60.8	56.8	85.2
76	32.2	23.8	35.8

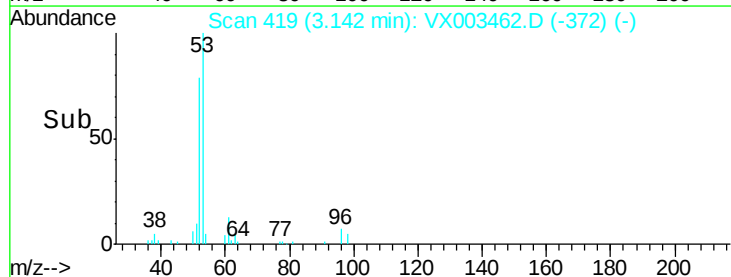
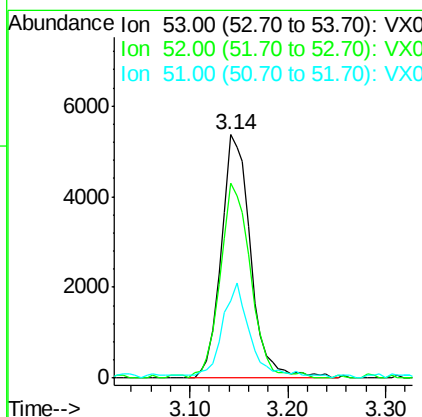
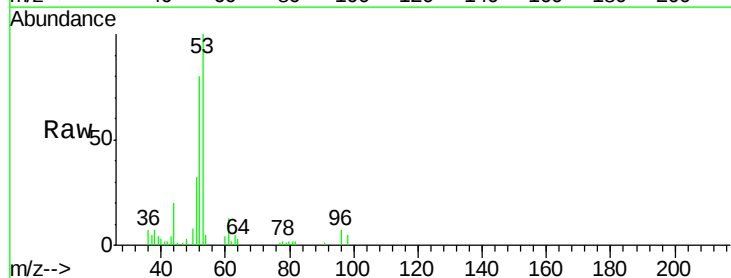
Manual Integrations
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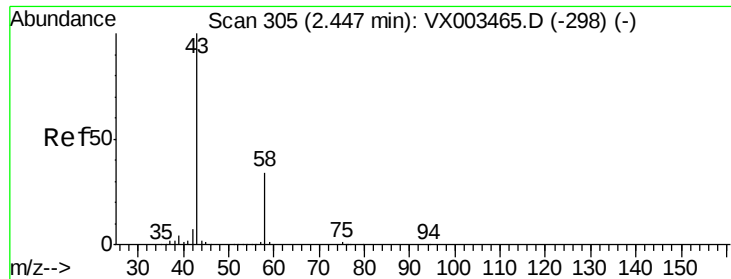
MMDadoda
7/20/2018 5:22:06 PM



#15
Acrylonitrile
Concen: 6.32 ug/l
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion:	53	Resp:	11189
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	38.2	29.9	44.9





#16

Acetone

Concen: 4.94 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC01

Tot Ion: 43 Resp: 8545

Ion Ratio Lower Upper

43 100

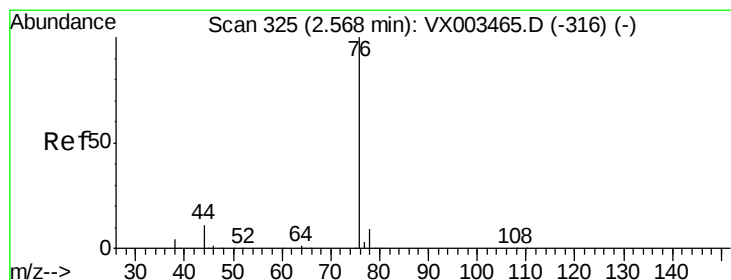
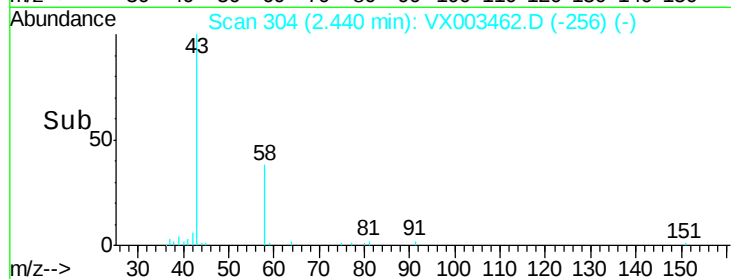
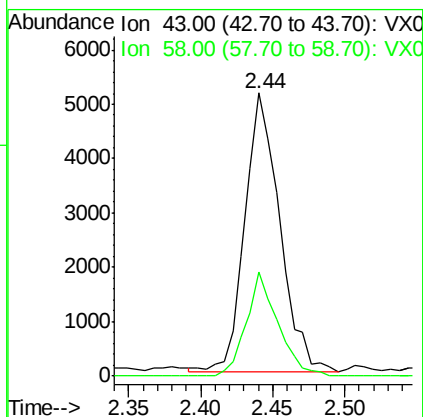
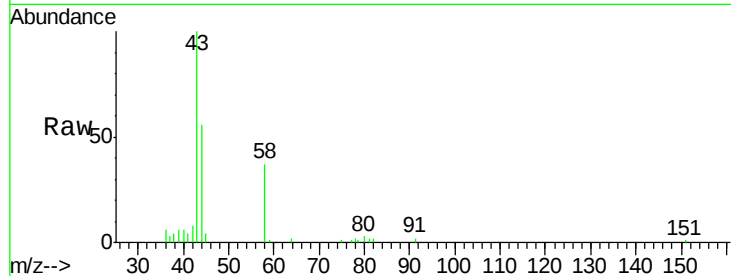
58 37.6 22.1 33.1#

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#17

Carbon Disulfide

Concen: 2.03 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003462.D

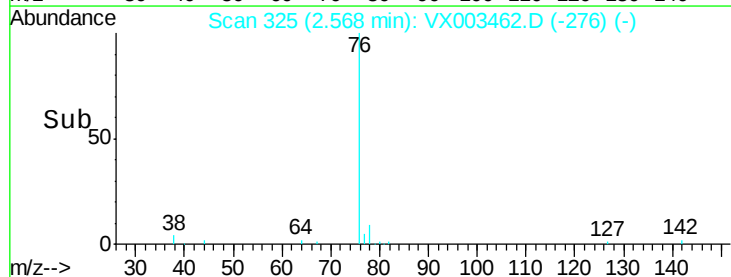
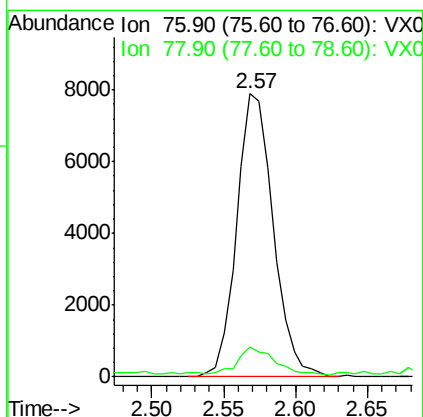
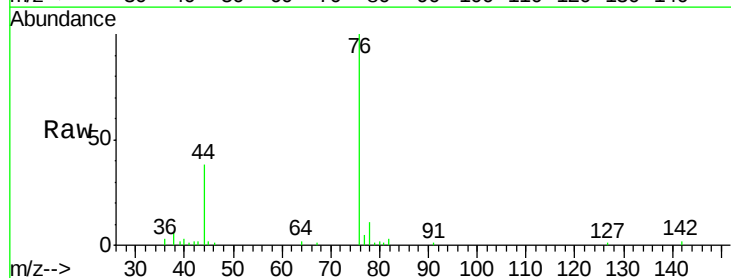
Acq: 19 Jul 2018 13:02

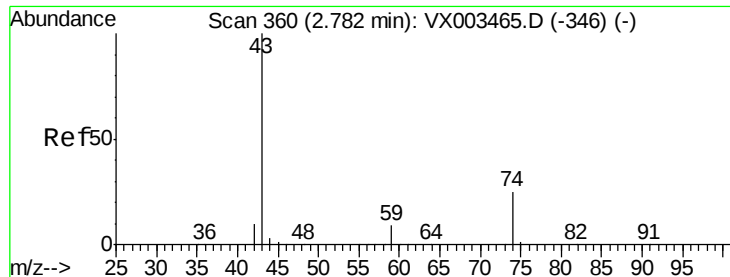
Tgt Ion: 76 Resp: 13879

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3





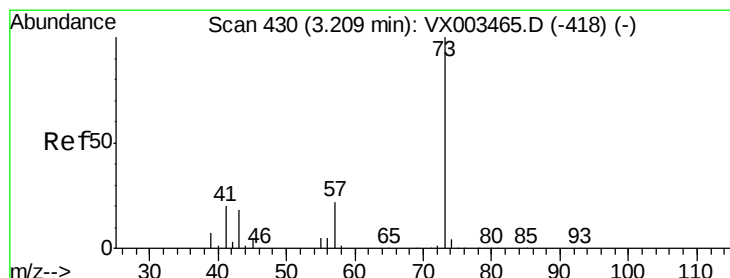
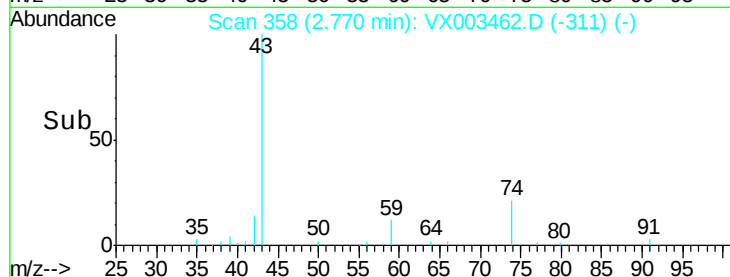
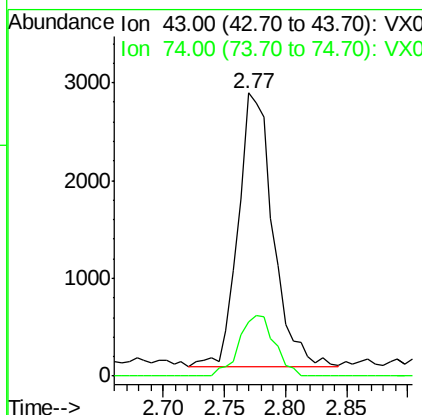
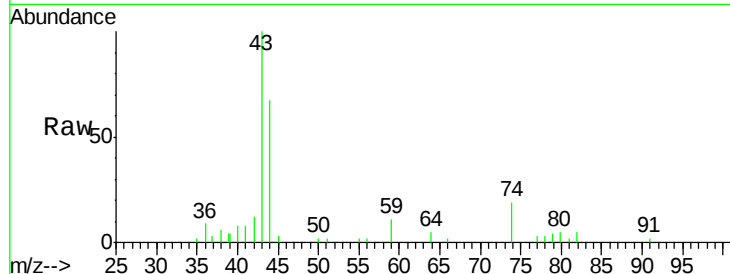
#18
Methvl Acetate
Concen: 1.21 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion: 43 Resp: 5558
Ion Ratio Lower Upper
43 100
74 22.6 16.7 25.1

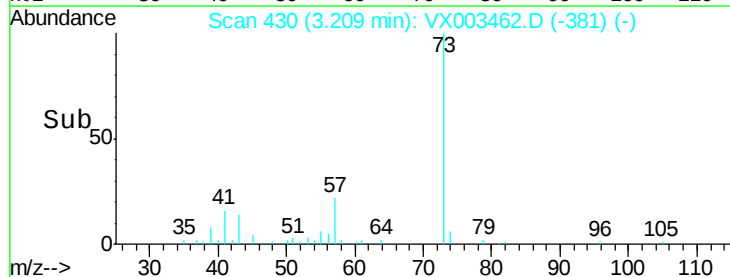
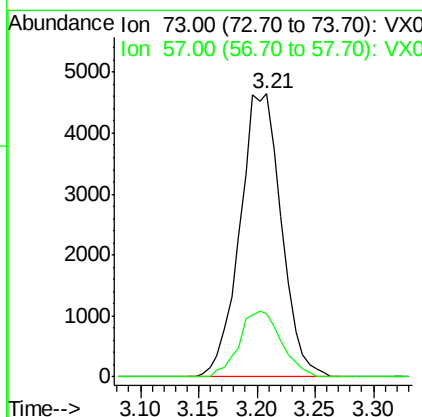
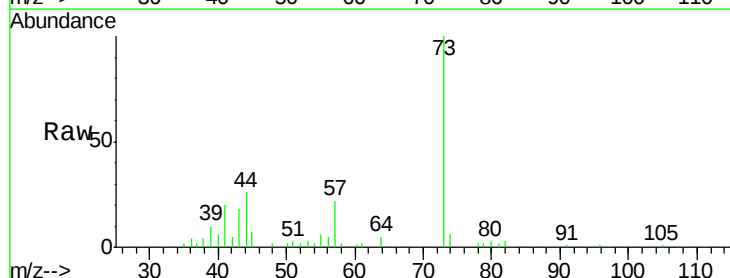
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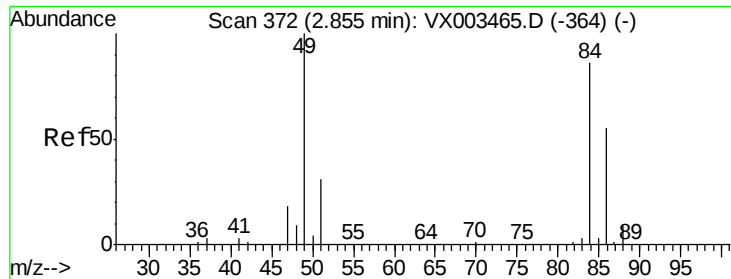
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 1.06 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion: 73 Resp: 11507
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5





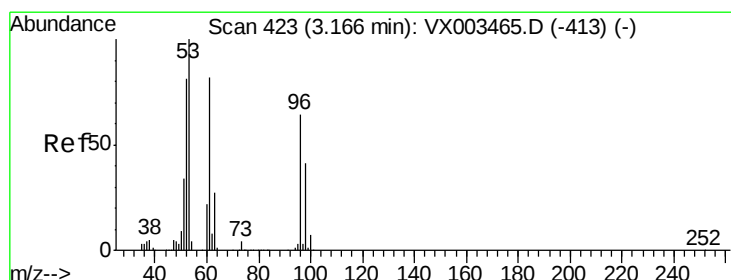
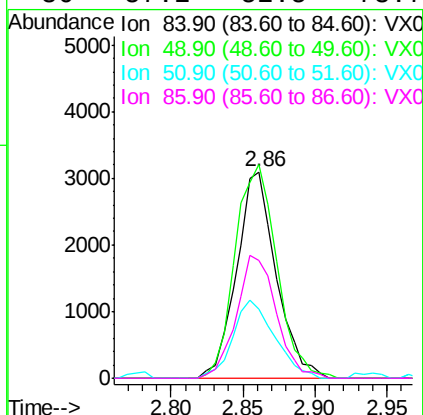
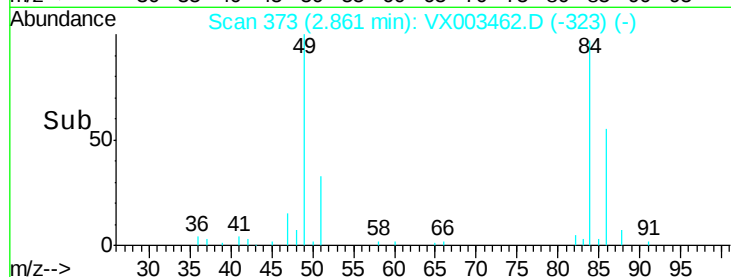
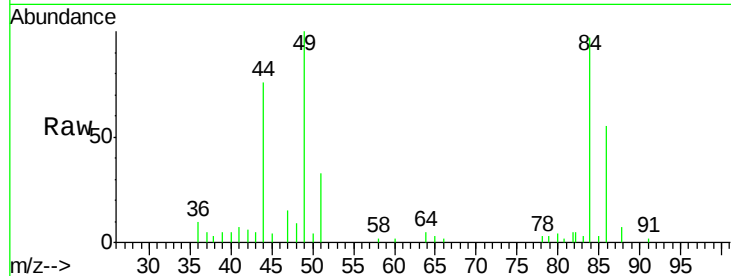
#20
Methvlene Chloride
Concen: 1.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC01

Tot Ion:	84	Resp:	5893
Ion	Ratio	Lower	Upper
84	100		
49	103.5	107.8	161.6#
51	33.7	32.8	49.2
86	57.2	52.5	78.7

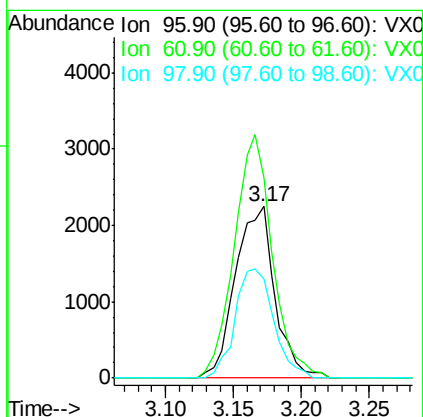
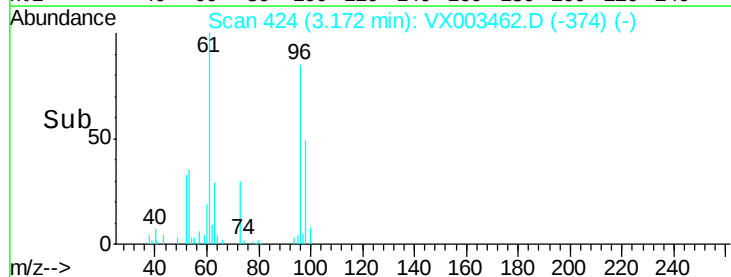
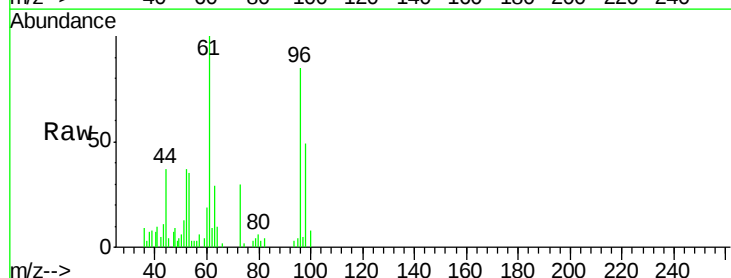
Manual Integrations
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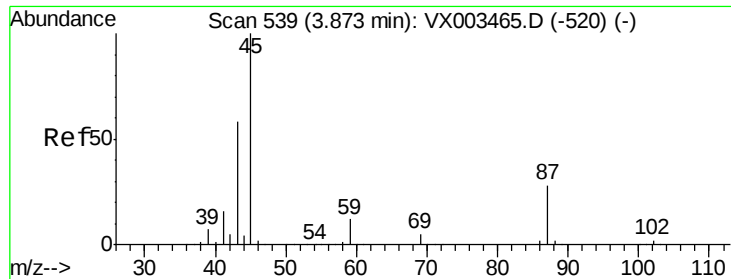
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 1.46 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion:	96	Resp:	4555
Ion	Ratio	Lower	Upper
96	100		
61	117.0	117.0	175.4
98	57.6	52.4	78.6





#22

Diisopropyl ether

Concen: 1.19 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

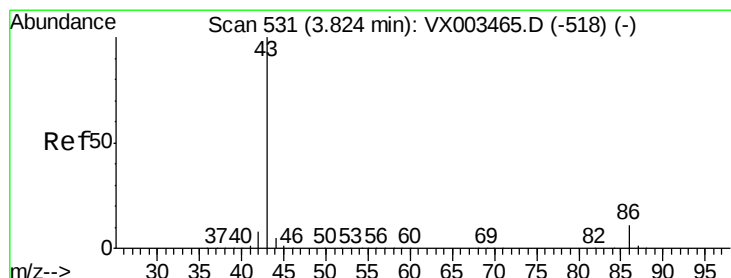
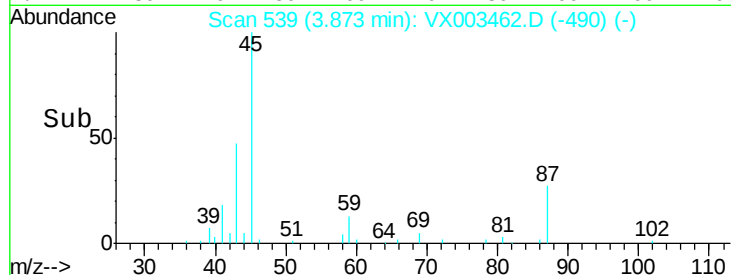
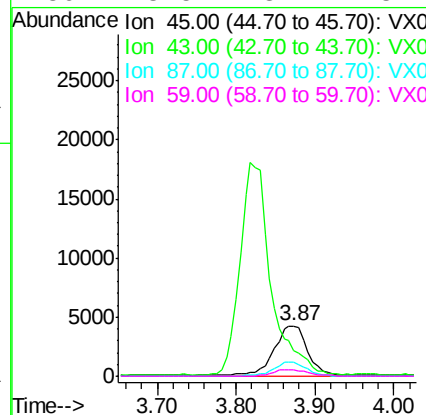
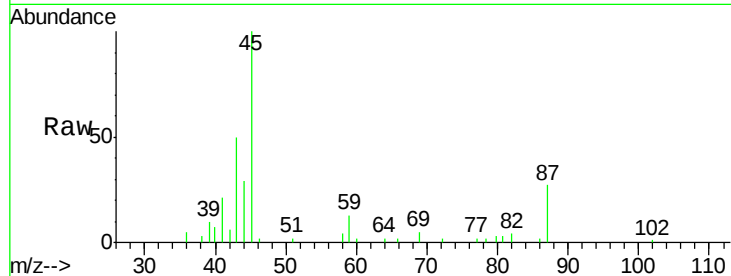
ClientSampleId :

VSTDIC01

Tot Ion	45	Resp	12381
Ion Ratio	Lower	Upper	
45	100		
43	47.8	46.8	70.2
87	27.6	20.2	30.4
59	13.5	8.7	13.1#

Manual Integrations
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#23

Vinyl Acetate

Concen: 5.65 ug/l

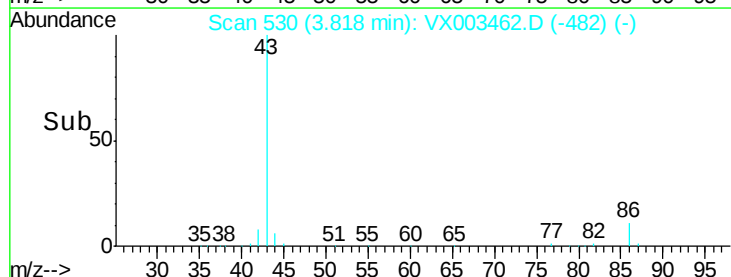
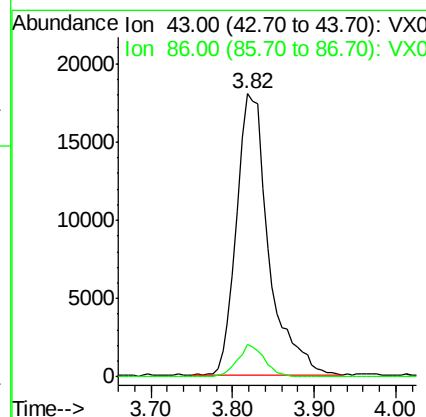
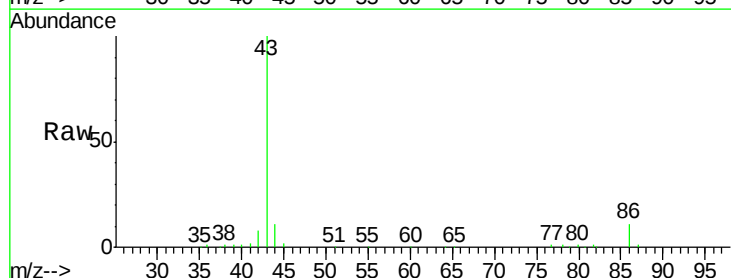
RT: 3.82 min Scan# 530

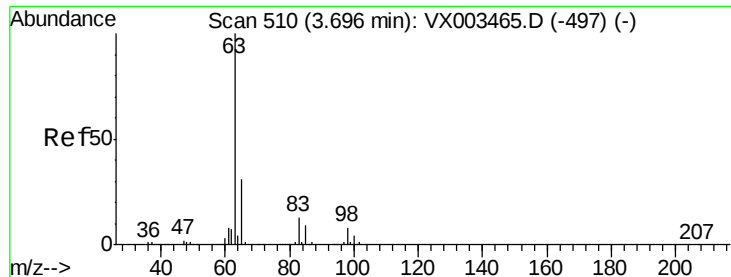
Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion	43	Resp	49007
Ion Ratio	Lower	Upper	
43	100		
86	11.4	7.4	11.0#





#24

1,1-Dichloroethane

Concen: 1.32 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

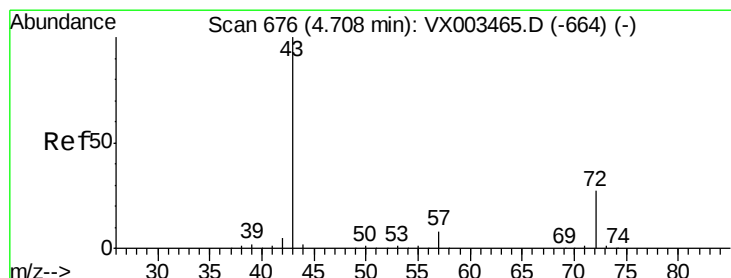
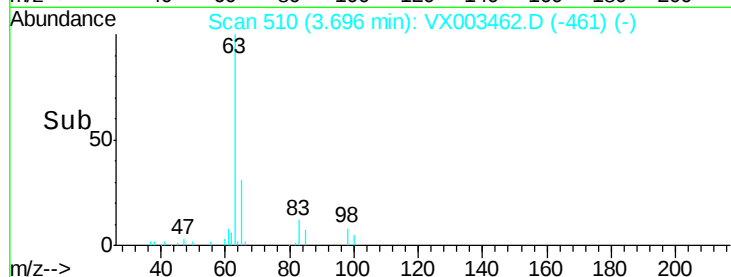
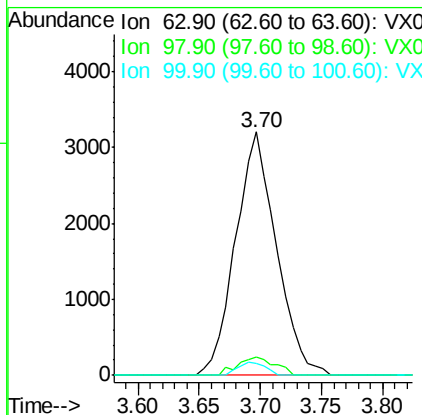
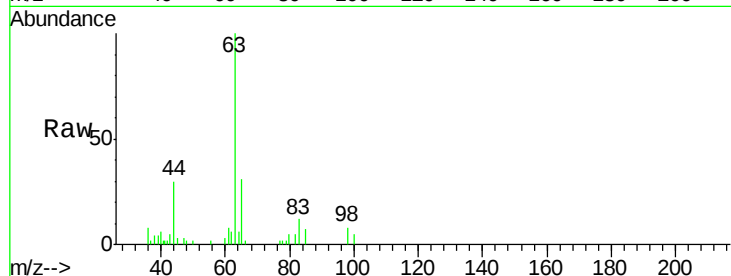
ClientSampleId :

VSTDIC01

Tot Ion:	63	Resp:	7426
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.4	10.2
100	5.0	2.0	6.0

Manual Integrations
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#25

2-Butanone

Concen: 5.32 ug/l

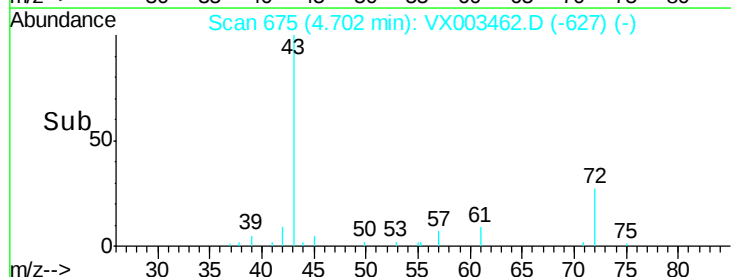
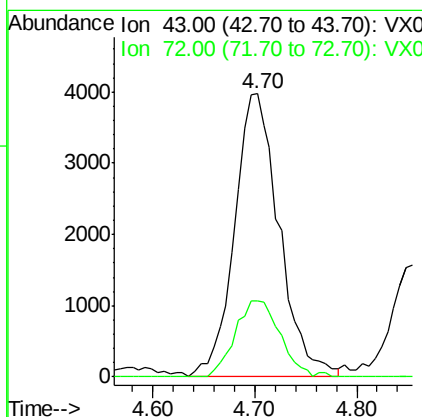
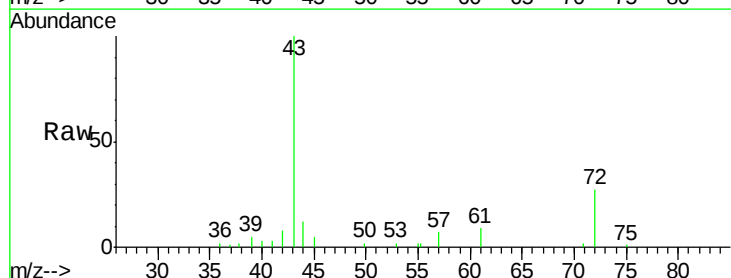
RT: 4.70 min Scan# 675

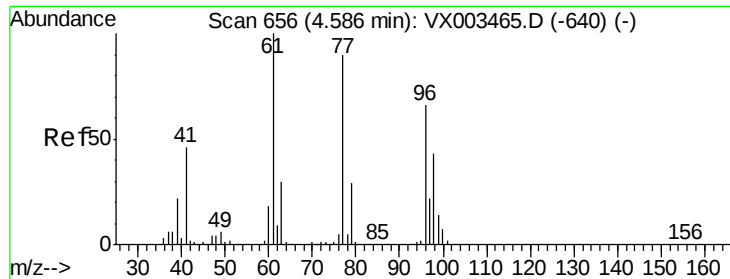
Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion:	43	Resp:	12094
Ion	Ratio	Lower	Upper
43	100		
72	26.7	18.5	27.7





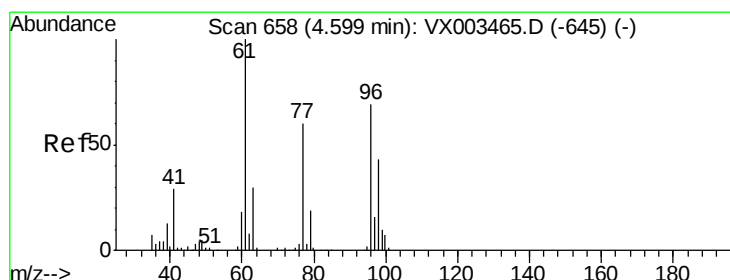
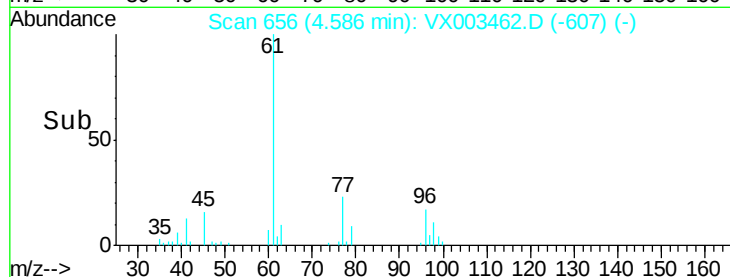
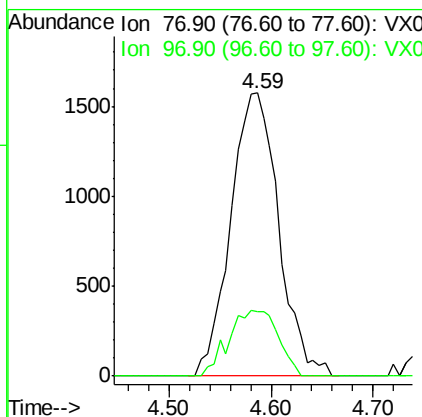
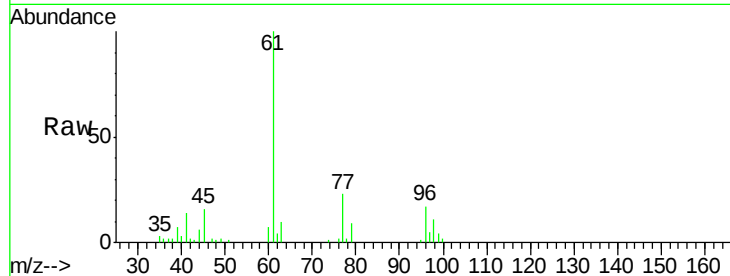
#26
 2,2-Dichloropropane
 Concen: 1.27 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC01

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.2	33.5

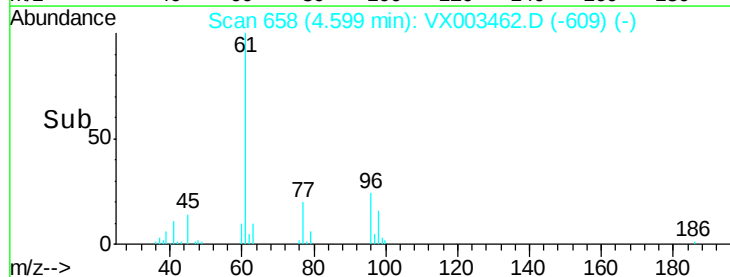
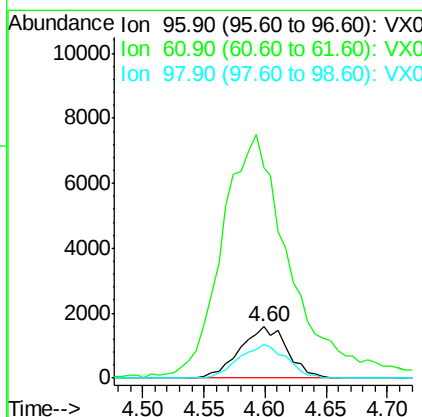
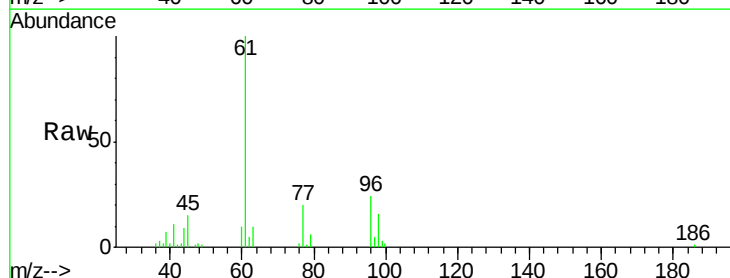
Manual Integrations
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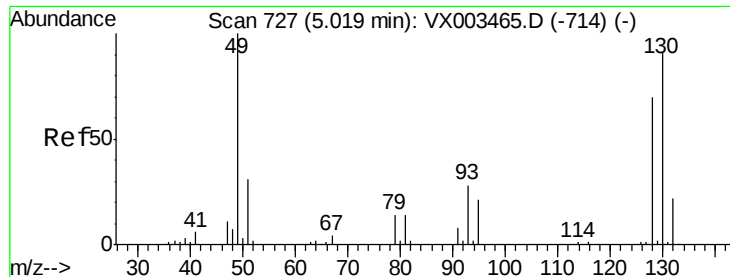
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#27
 cis-1,2-Dichloroethene
 Concen: 1.33 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	696.1	0.0	330.2#
98	65.1	0.0	130.2





#28

Bromochloromethane

Concen: 1.07 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

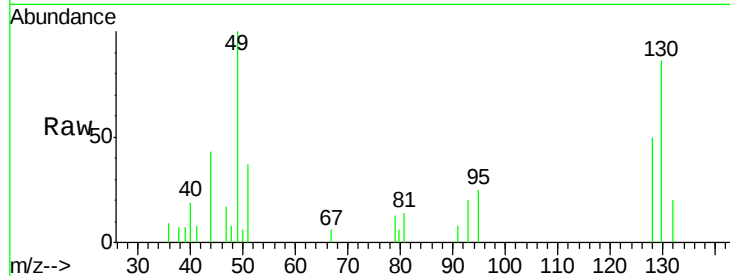
ClientSampleId :

VSTDIC01

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	88.9	61.2	91.8

Manual Integrations
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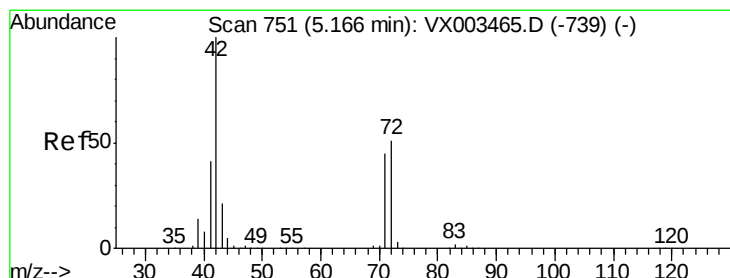
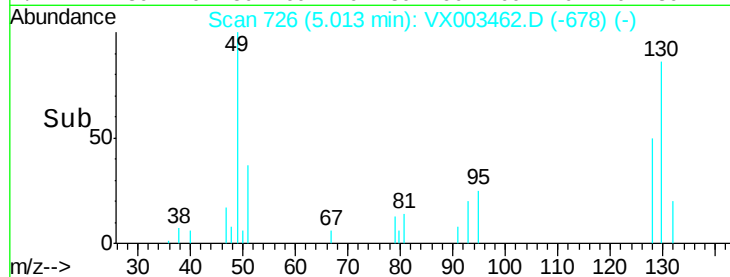
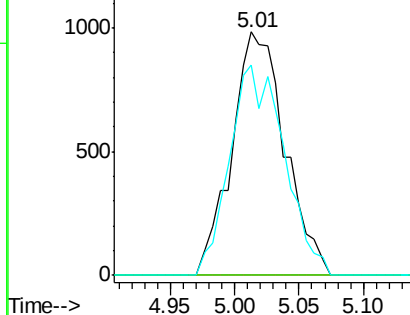
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Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 5.82 ug/l

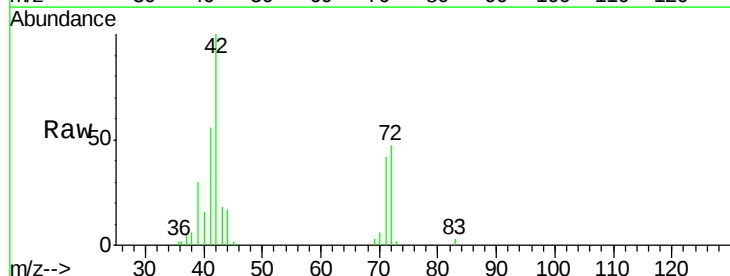
RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

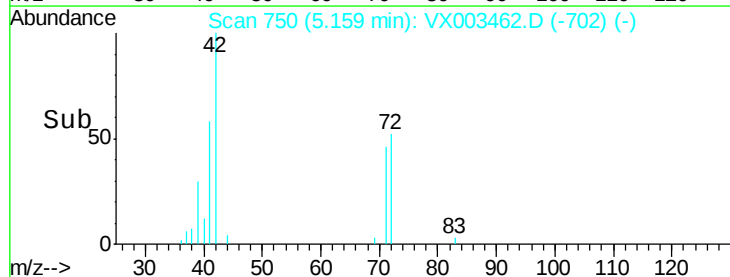
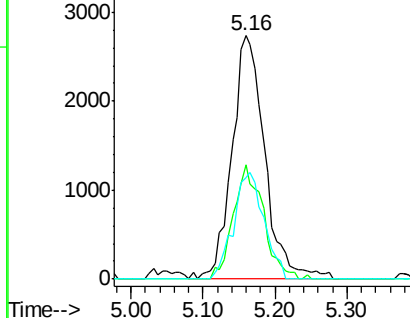
Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.6	32.0	48.0
71	40.7	30.1	45.1

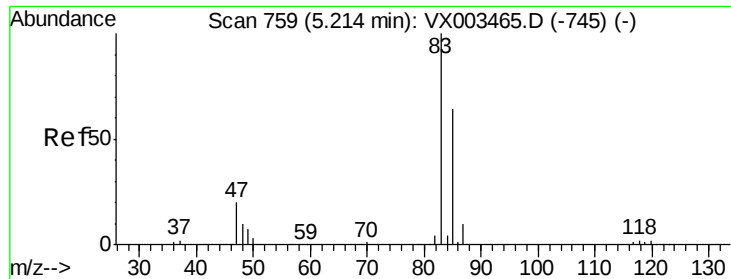


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





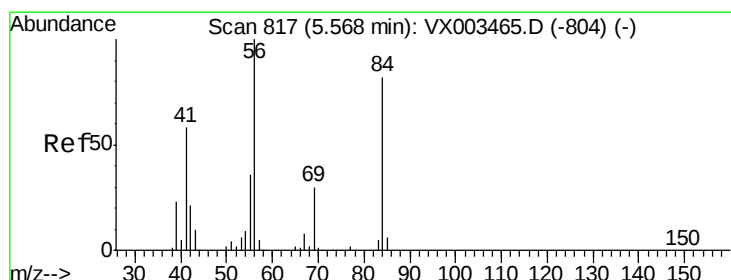
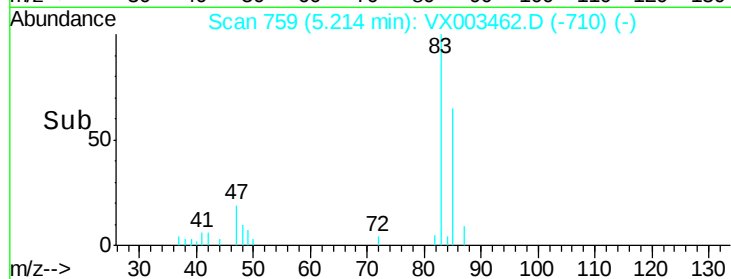
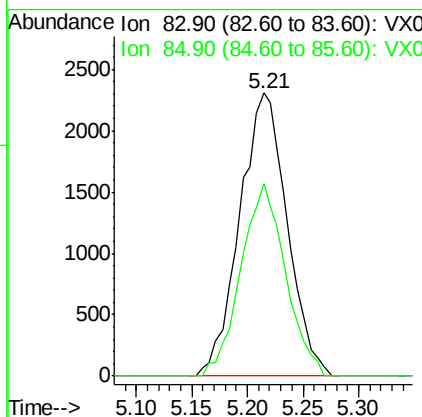
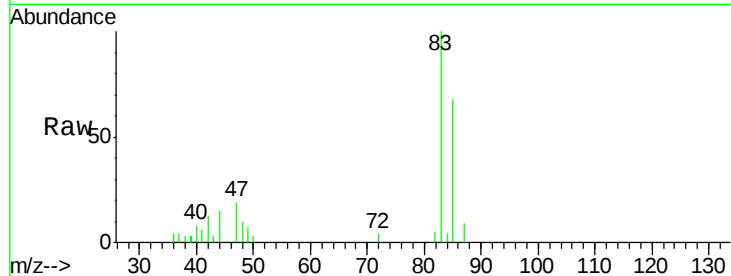
#30
Chloroform
Concen: 1.26 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC01

Tot Ion	83	Resp	6825
Ion Ratio	100	Lower	Upper
83	100		
85	68.1	50.4	75.6

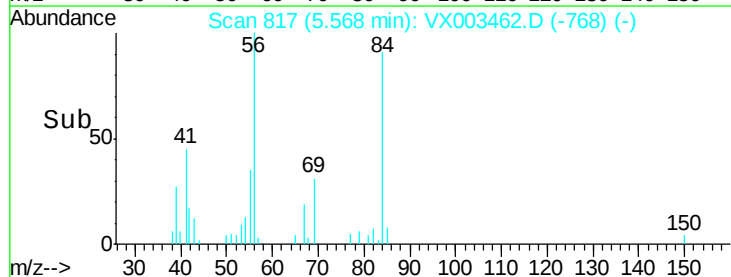
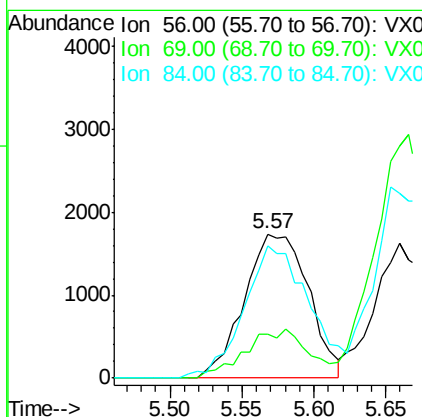
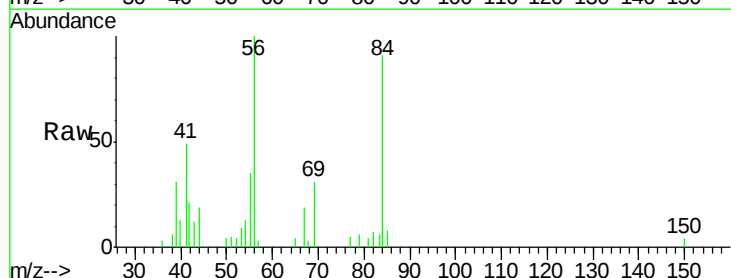
Manual Integrations
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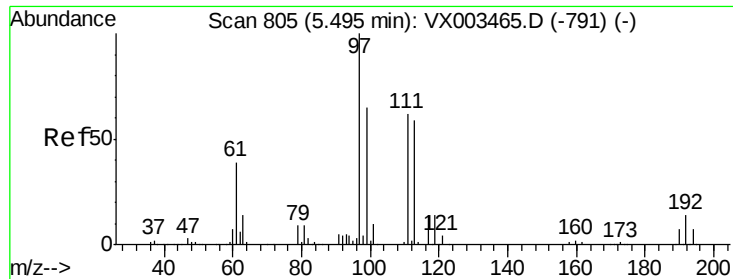
MMDadoda
7/20/2018 5:22:06 PM



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion	56	Resp	5376
Ion Ratio	100	Lower	Upper
56	100		
69	30.6	23.7	35.5
84	88.2	64.1	96.1





#32

1,1,1-Trichloroethane

Concen: 1.19 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

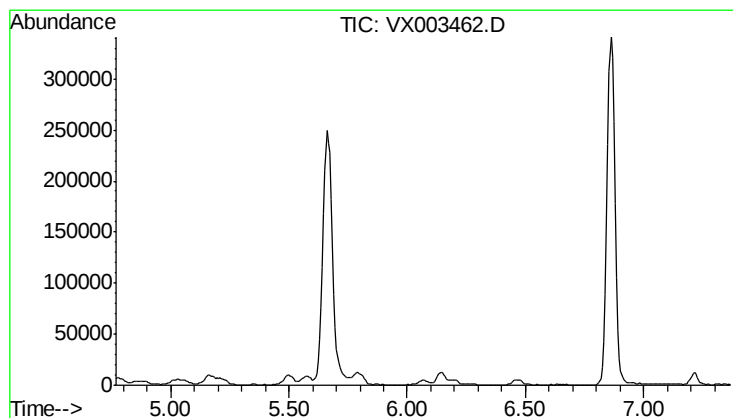
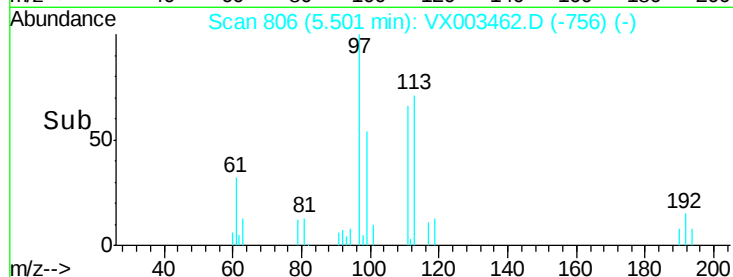
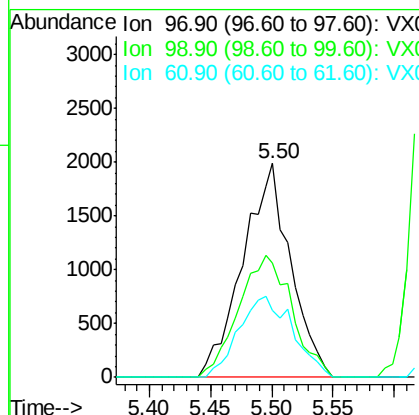
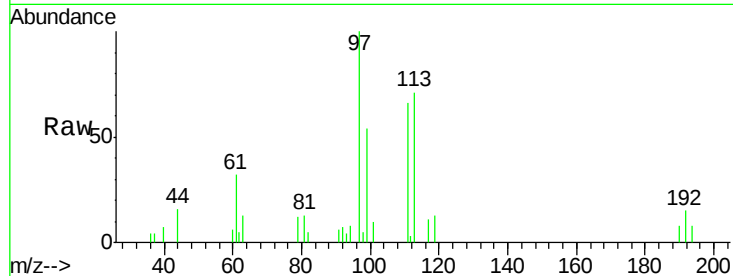
ClientSampleId :

VSTDIC01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.6	77.4#	
61	42.5	36.4	54.6	

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX003462.D

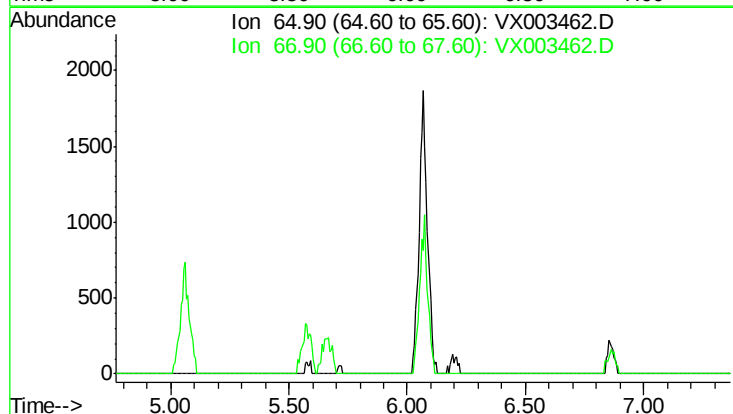
Acq: 19 Jul 2018 13:02

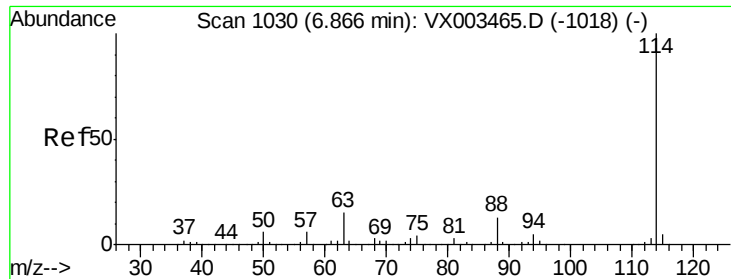
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.3





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

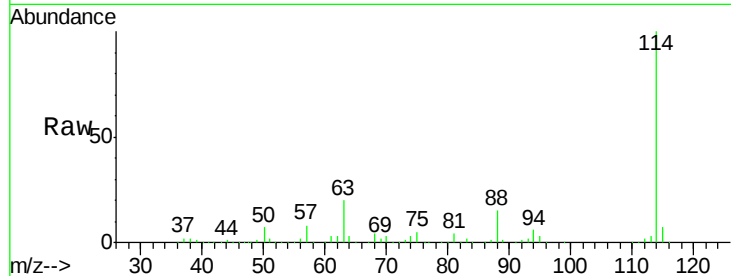
ClientSampleId :

VSTDIC01

Tot Ion:	114	Resp:	355787
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	41.4
88	15.1	0.0	30.0

Manual Integrations
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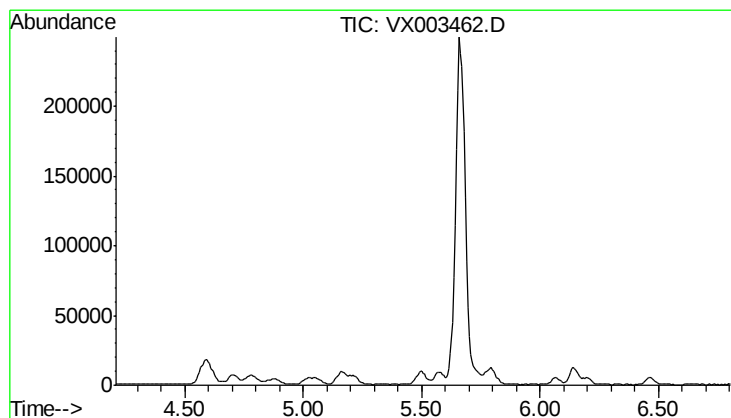
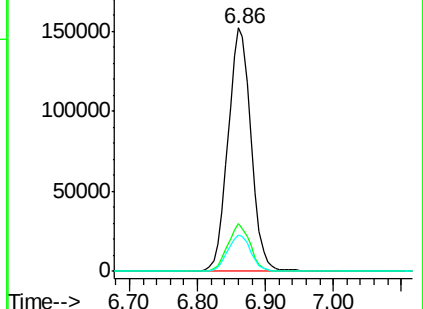
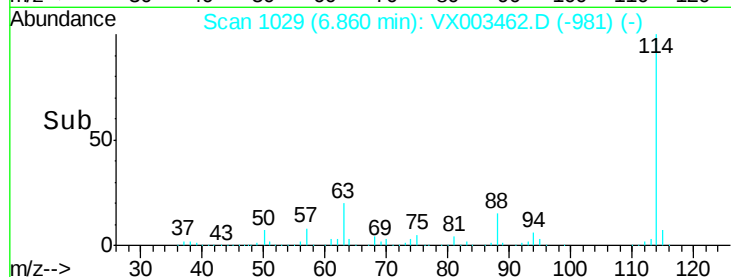
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 5.51 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

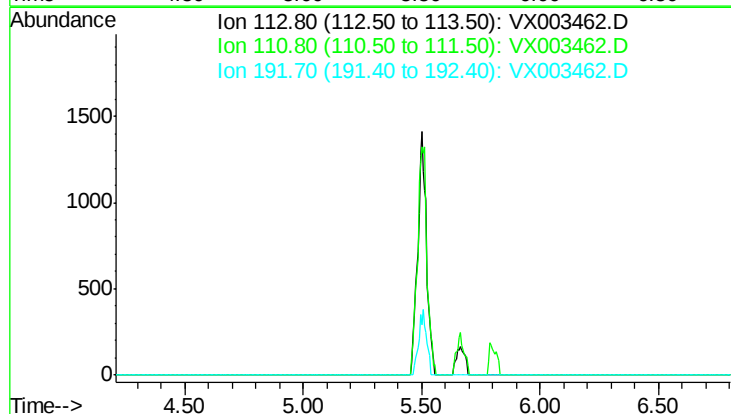
Tgt Ion: 113

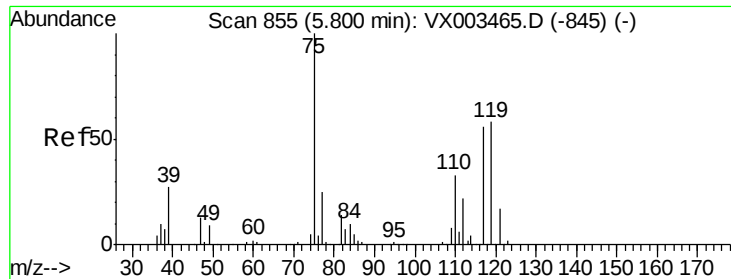
Sig Exp Ratio

113 100

111 101.7

192 23.9





#36

1,1-Dichloropropene

Concen: 1.35 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

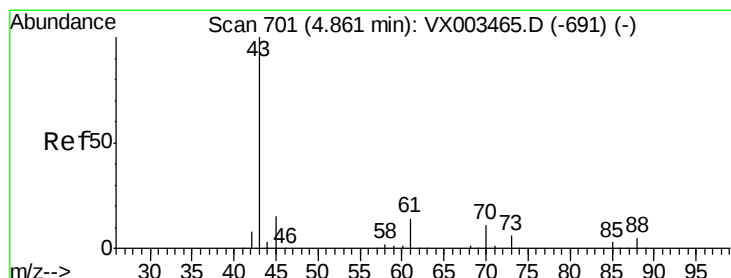
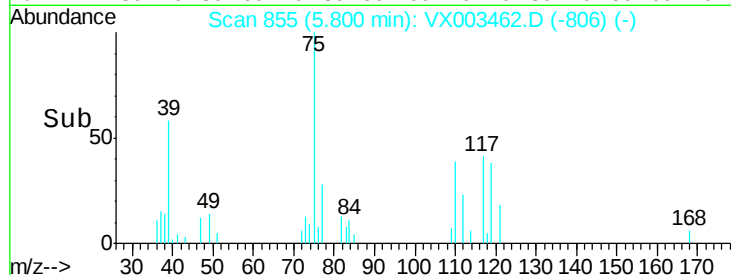
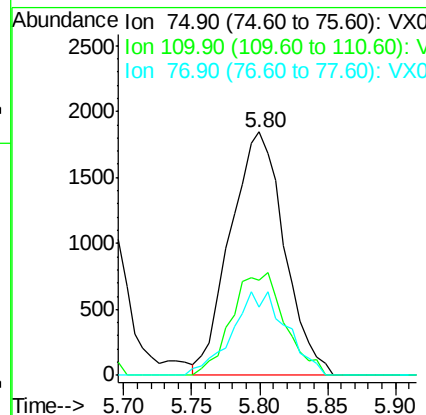
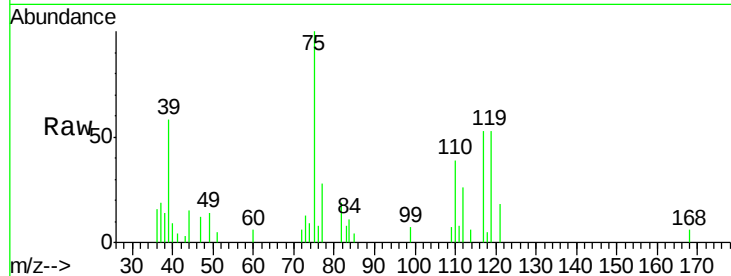
ClientSampleId :

VSTDIC01

Tot Ion:	75	Resp:	5109
Ion	Ratio	Lower	Upper
75	100		
110	41.5	18.1	54.4
77	34.5	24.3	36.5

Manual Integrations
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#37

Ethyl Acetate

Concen: 1.06 ug/l

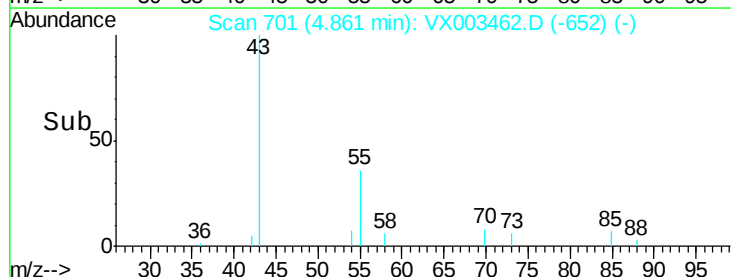
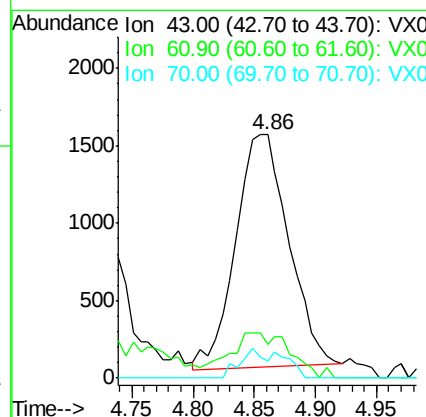
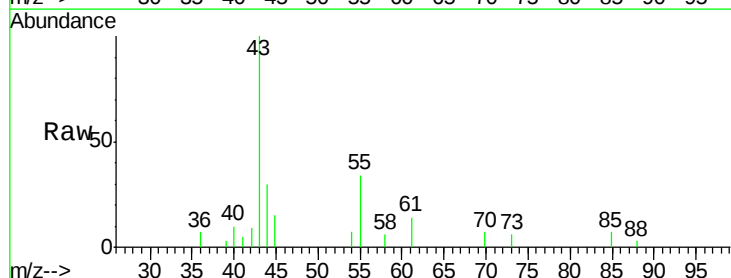
RT: 4.86 min Scan# 701

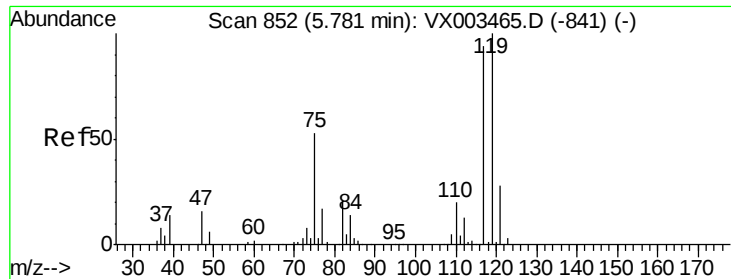
Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion:	43	Resp:	4534
Ion	Ratio	Lower	Upper
43	100		
61	22.8	10.4	15.6#
70	5.9	7.6	11.4#





#38

Carbon Tetrachloride

Concen: 1.24 ug/l

RT: 5.78 min Scan# 851

Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

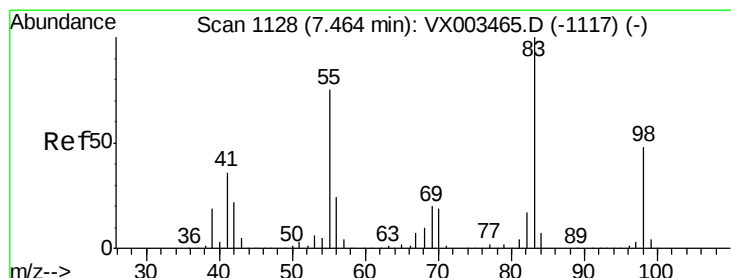
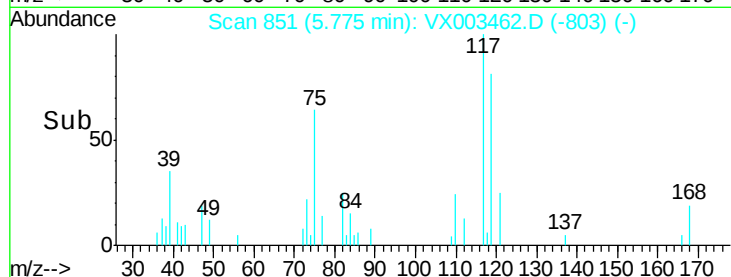
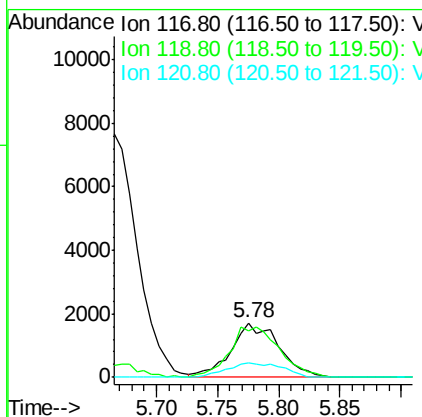
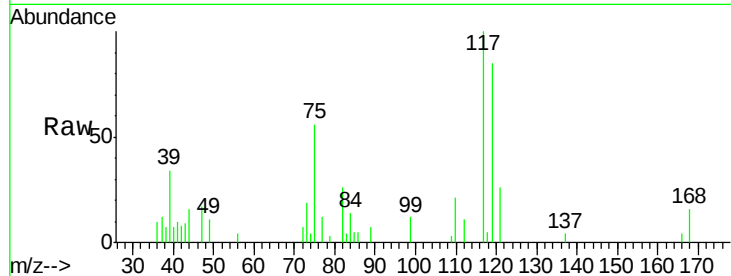
ClientSampled :

VSTDIC01

Tot Ion:	117	Resp:	4656
Ion	Ratio	Lower	Upper
117	100		
119	84.7	77.4	116.0
121	26.4	24.4	36.6

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.17 ug/l

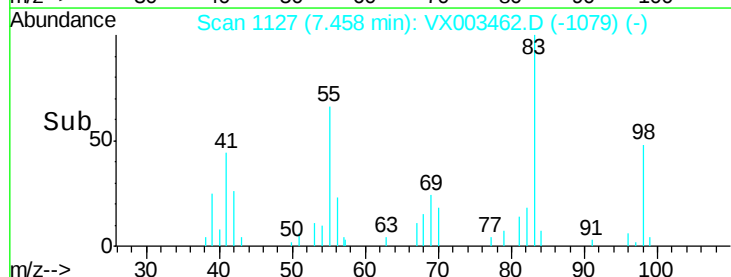
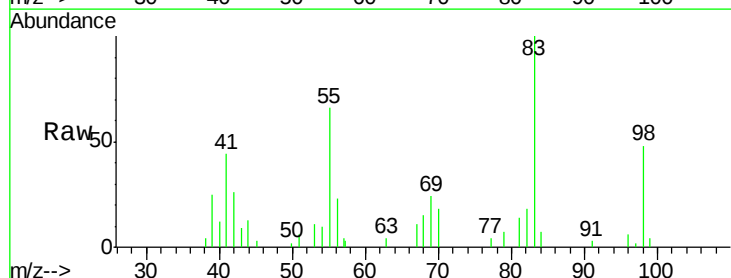
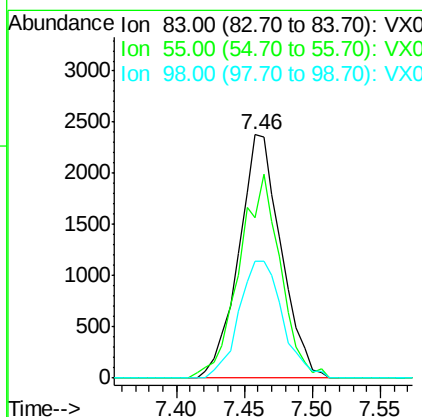
RT: 7.46 min Scan# 1127

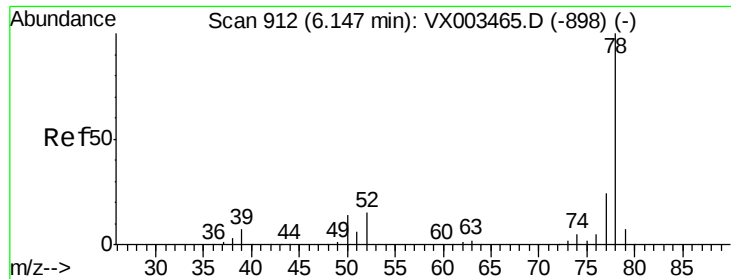
Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion:	83	Resp:	5170
Ion	Ratio	Lower	Upper
83	100		
55	65.9	65.4	98.0
98	48.0	37.4	56.0





#40

Benzene

Concen: 1.28 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC01

Tot Ion: 78 Resp: 14493

Ion Ratio Lower Upper

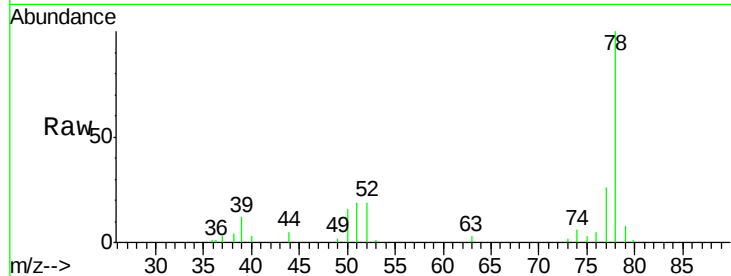
78 100

77 25.8 19.1 28.7

Manual Integrations
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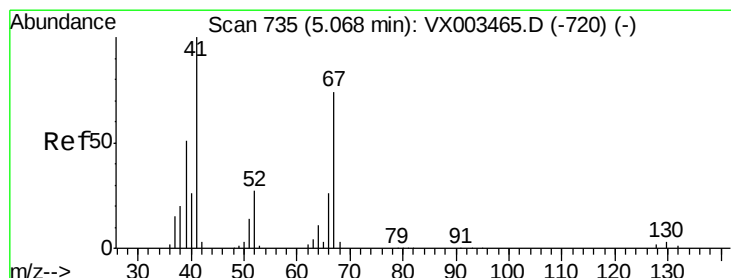
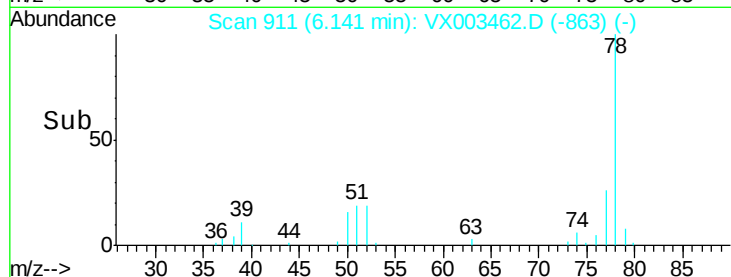
Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

6.10 6.20

Time-->



#41

Methacrylonitrile

Concen: 1.22 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion: 41 Resp: 2950

Ion Ratio Lower Upper

41 100

39 55.3 45.8 68.6

67 64.7 51.3 76.9

52 29.8 23.0 34.6

Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

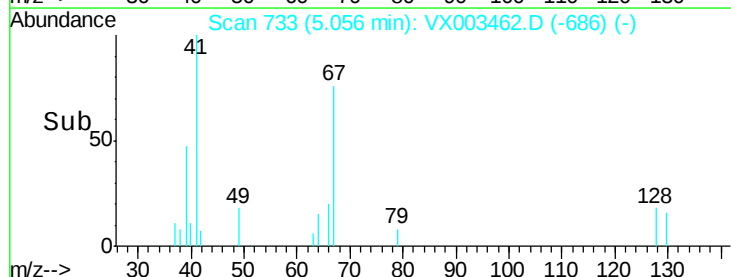
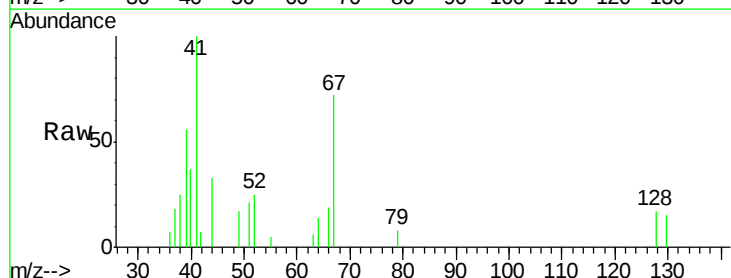
Ion 67.00 (66.70 to 67.70): VX0

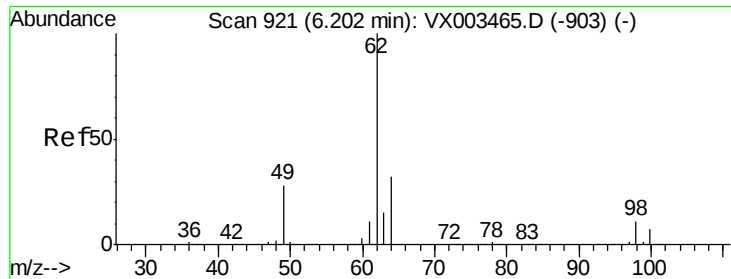
Ion 52.00 (51.70 to 52.70): VX0

5.06

5.00 5.05 5.10 5.15

Time-->





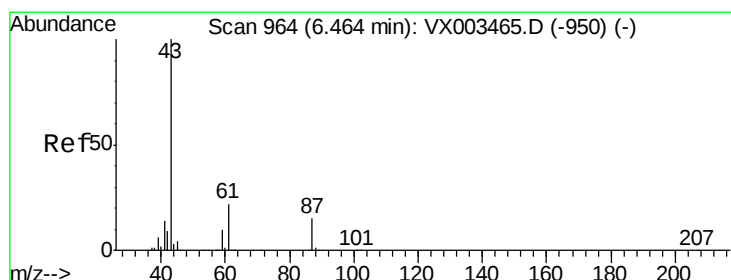
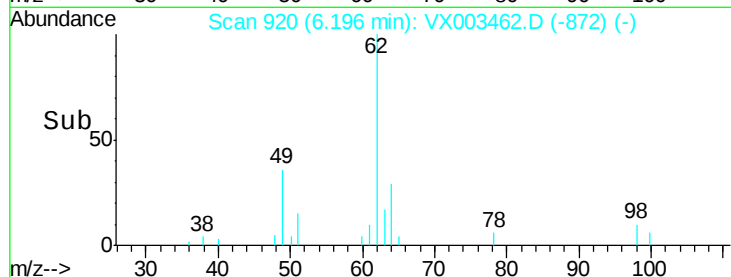
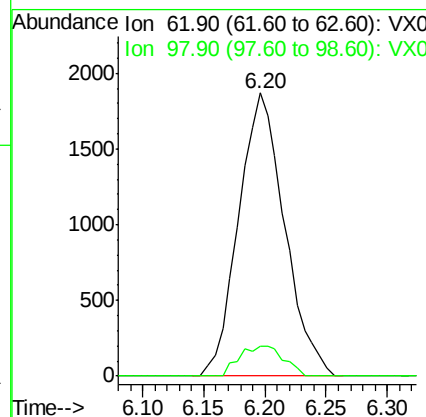
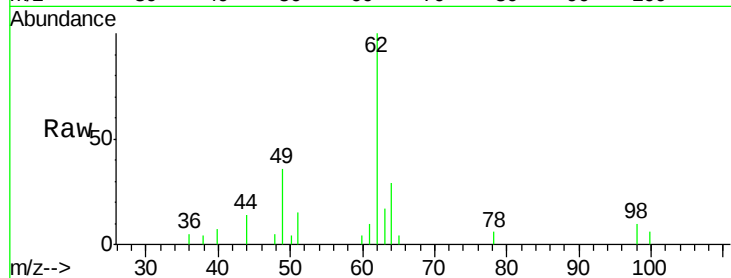
#42
 1,2-Dichloroethane
 Concen: 1.11 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC01

Tot Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	16.6

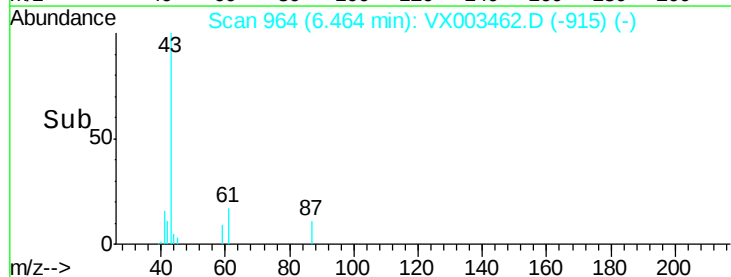
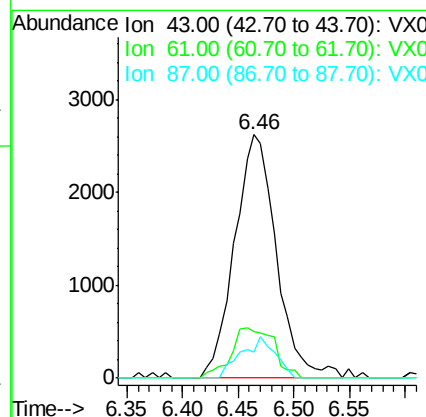
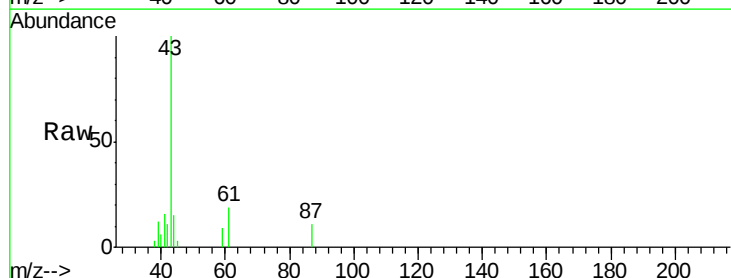
Manual Integrations
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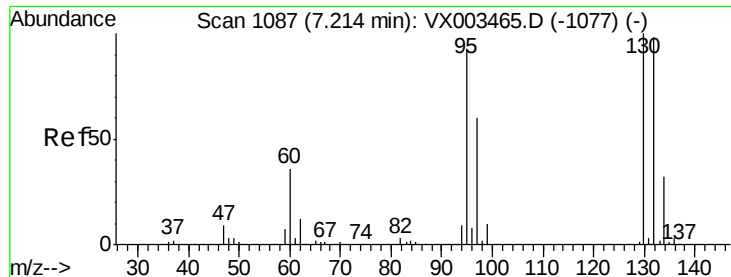
MMDadoda
 7/20/2018 5:22:06 PM



#43
 Isopropyl Acetate
 Concen: 0.96 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.4	14.4	21.6
87	13.7	9.5	14.3





#44

Trichloroethene

Concen: 1.39 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC01

Tot Ion:130 Resp: 4537

Ion Ratio Lower Upper

130 100

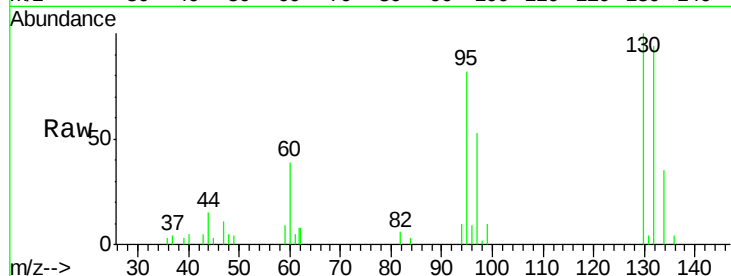
95 82.3 0.0 185.4

Manual Integrations

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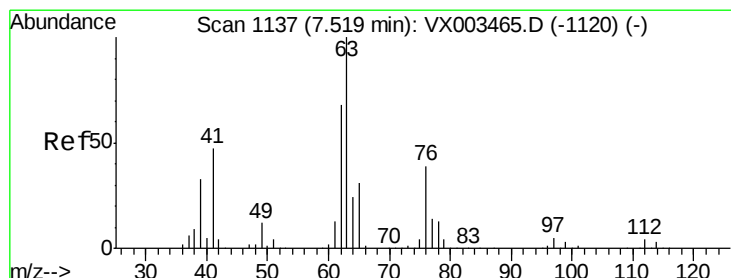
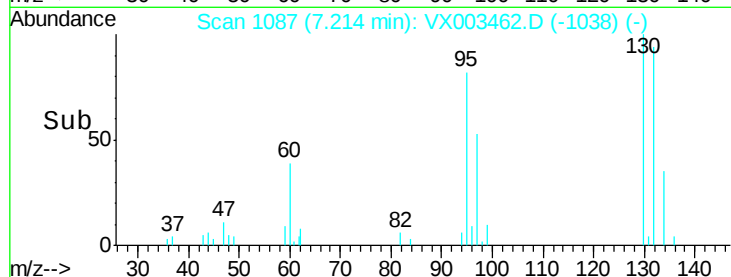
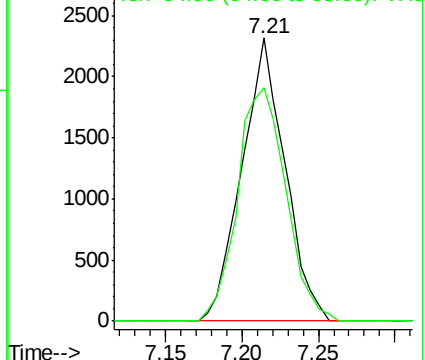
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.22 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003462.D

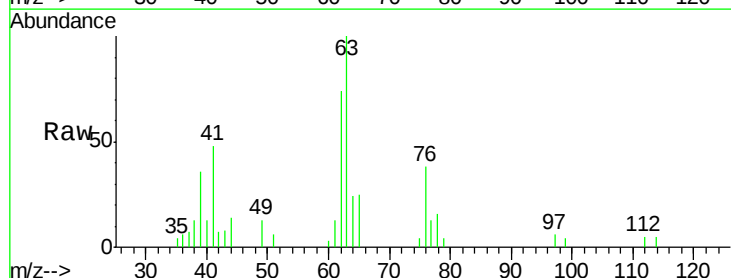
Acq: 19 Jul 2018 13:02

Tgt Ion: 63 Resp: 3651

Ion Ratio Lower Upper

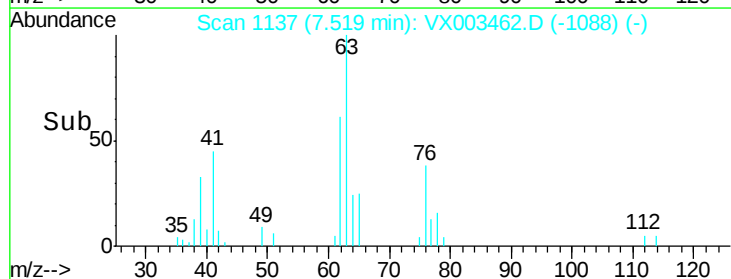
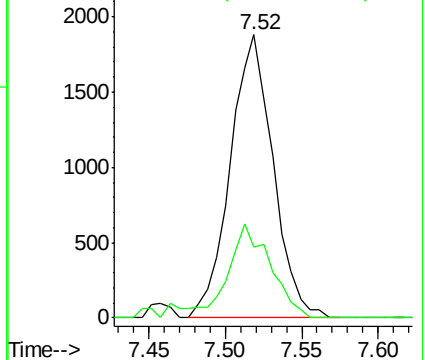
63 100

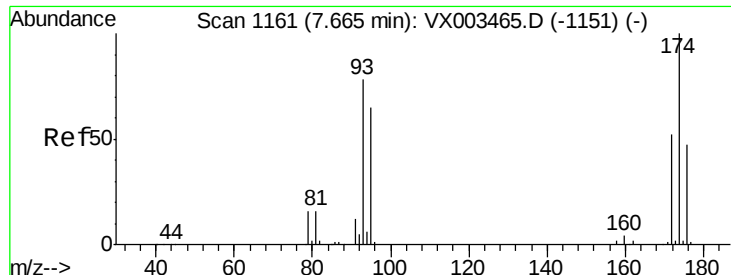
65 24.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





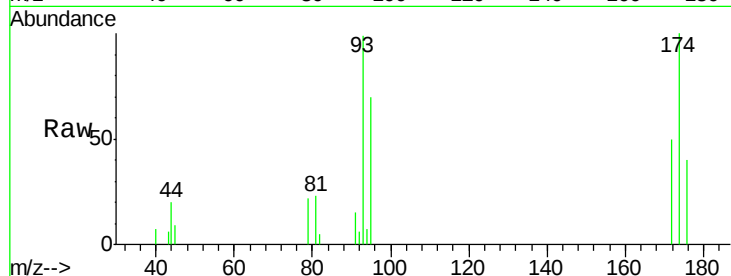
#46
Dibromomethane
Concen: 1.27 ug/l
RT: 7.66 min Scan# 1160
Delta R.T. -0.01 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

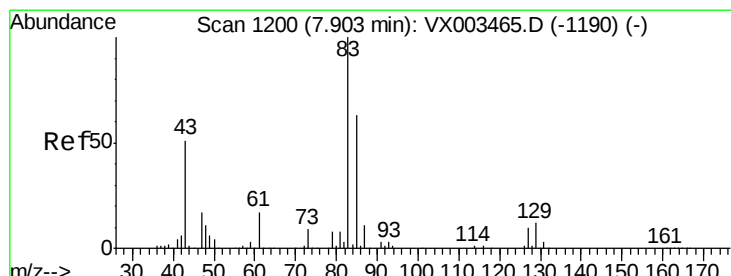
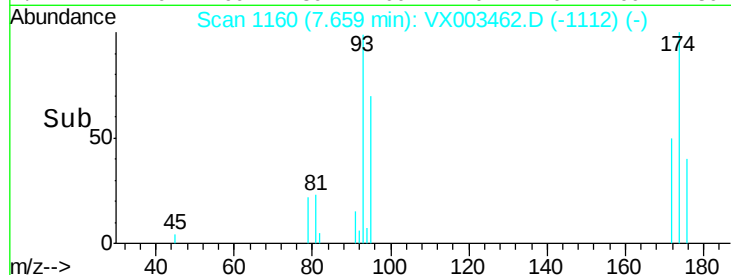
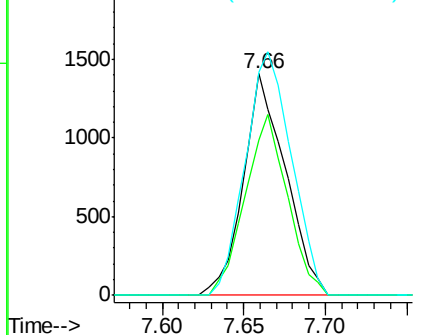
Tot Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.9	98.9
174	119.6	92.4	138.6

Manual Integrations
APPROVED

MMDadoda
7/20/2018 5:22:06 PM

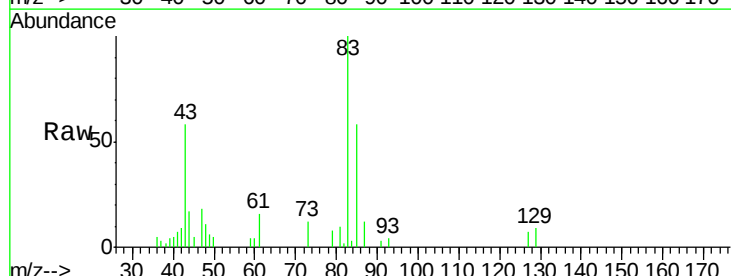


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

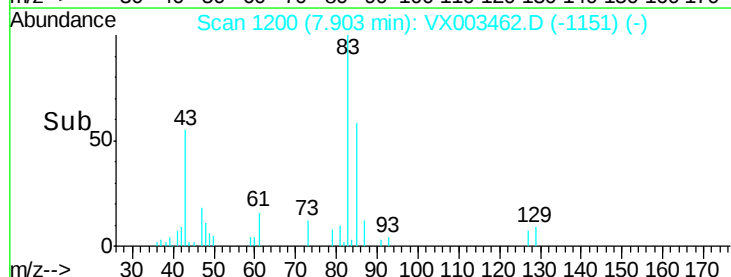
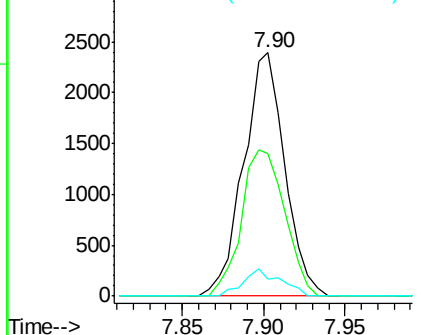


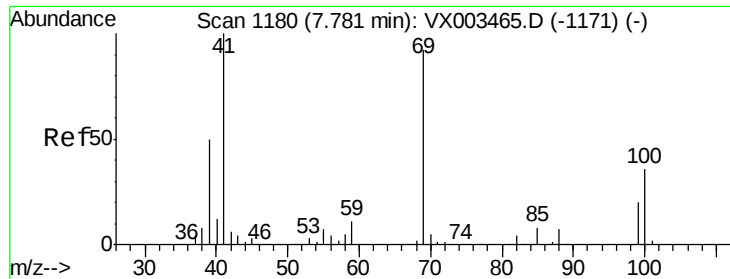
#47
Bromodichloromethane
Concen: 1.20 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.3	50.3	75.5
127	7.1	7.0	10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





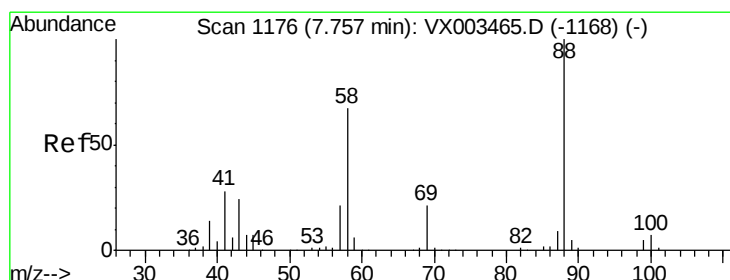
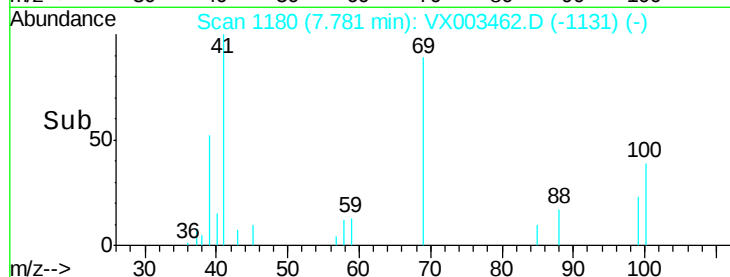
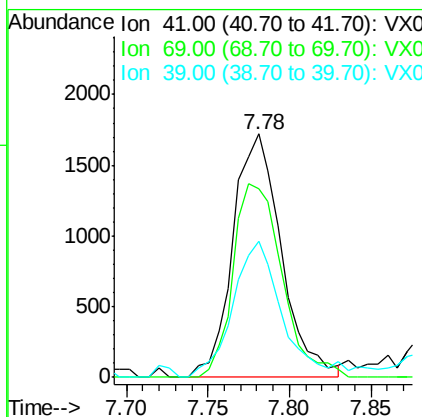
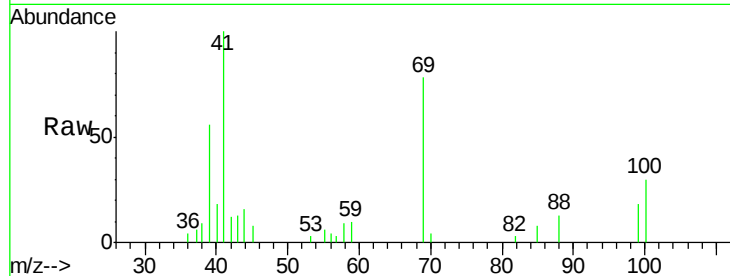
#48
Methvl methacrylate
Concen: 0.98 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC01

Tot Ion	Ratio	Lower	Upper
41	100		
69	80.4	59.1	88.7
39	58.5	48.9	73.3

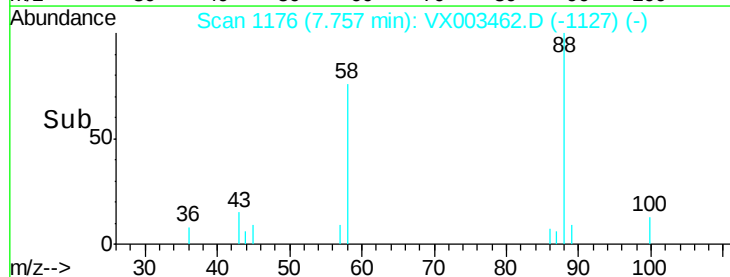
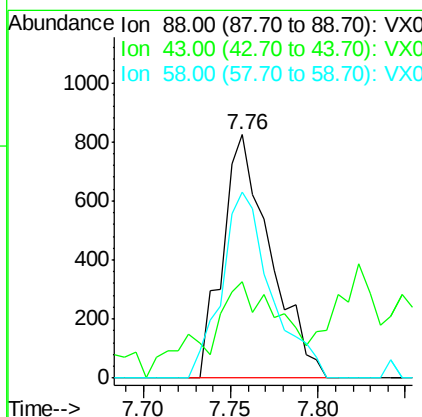
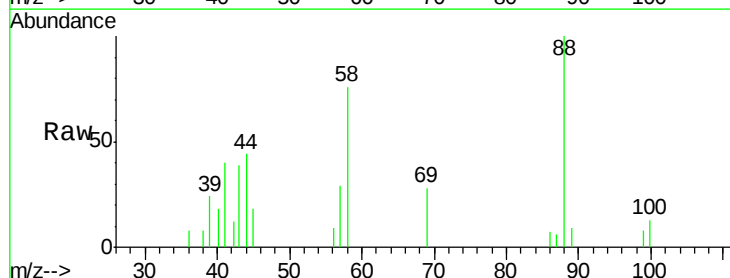
Manual Integrations
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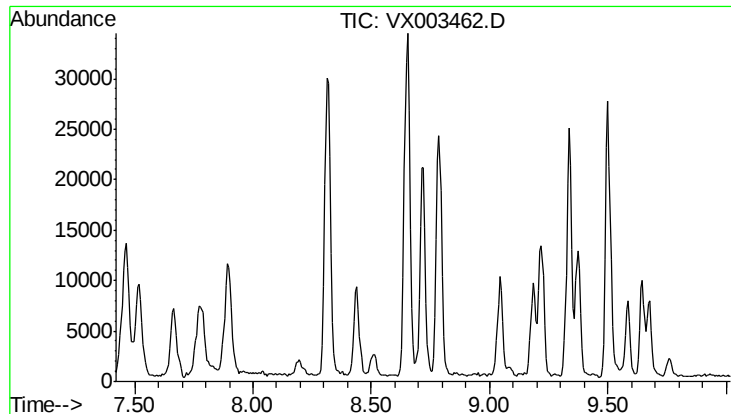
MMDadoda
7/20/2018 5:22:06 PM



#49
1,4-Dioxane
Concen: 22.91 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	61.4	29.8	44.6#
58	79.0	57.1	85.7





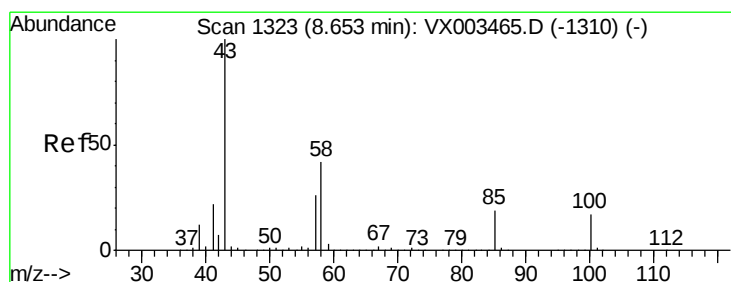
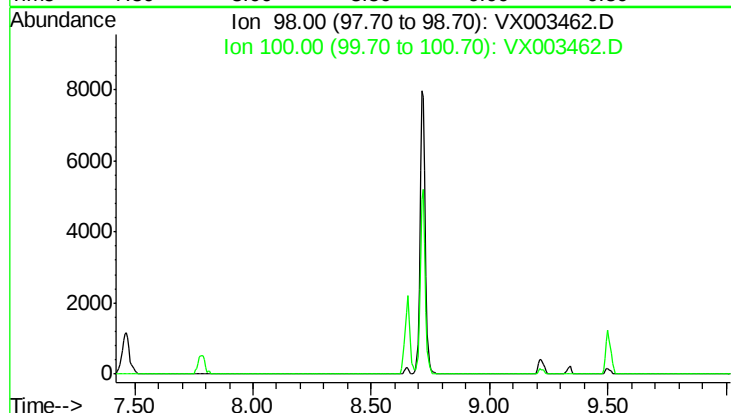
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 8.72 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6

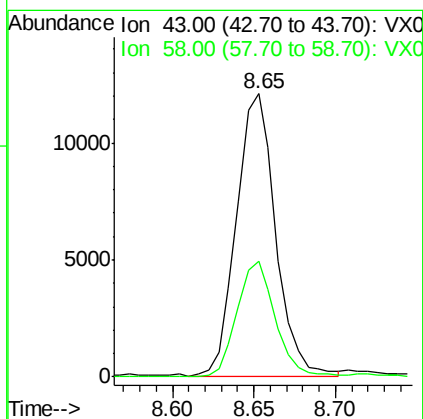
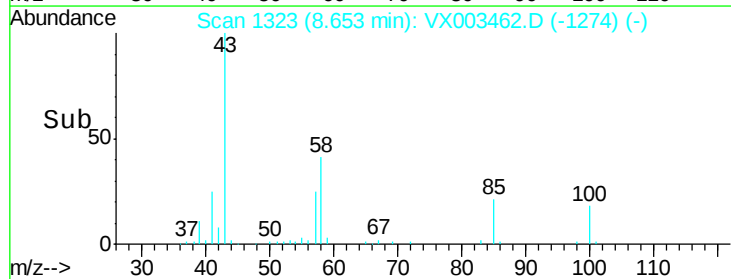
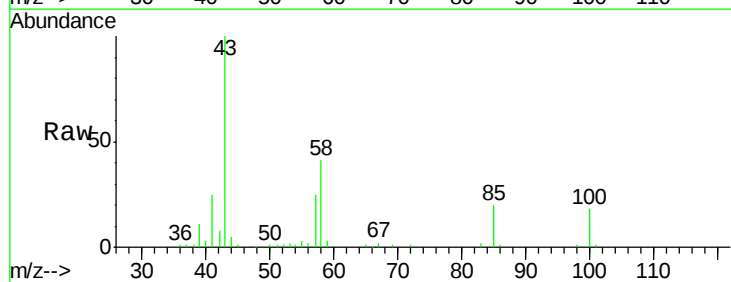
Manual Integrations
APPROVED

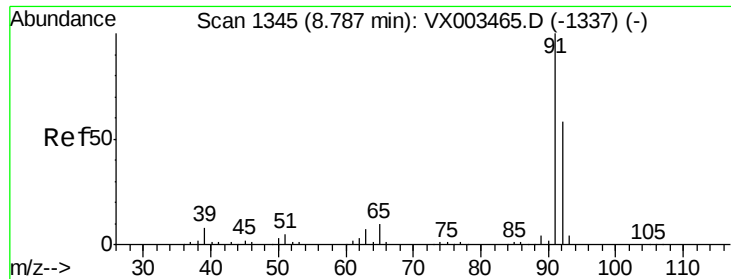
MMDadoda
7/20/2018 5:22:06 PM



#51
4-Methyl-2-Pentanone
Concen: 4.47 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion: 43 Resp: 20326
Ion Ratio Lower Upper
43 100
58 39.6 28.6 42.8





#52

Toluene

Concen: 1.20 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC01

Tot Ion: 92 Resp: 8654

Ion Ratio Lower Upper

92 100

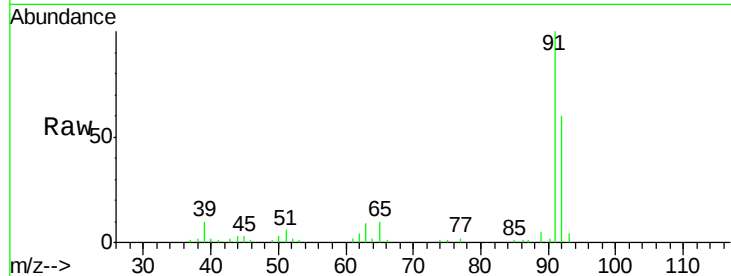
91 177.5 140.4 210.6

Manual Integrations

APPROVED

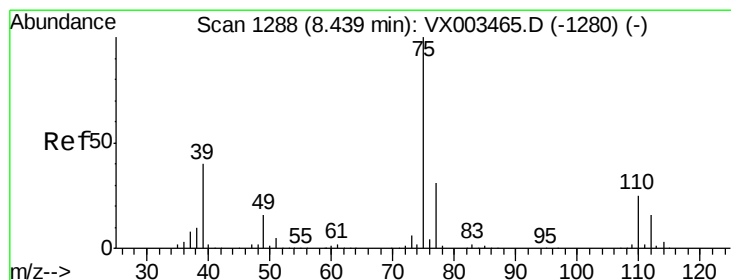
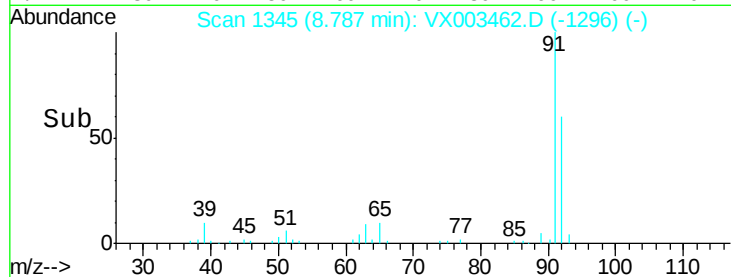
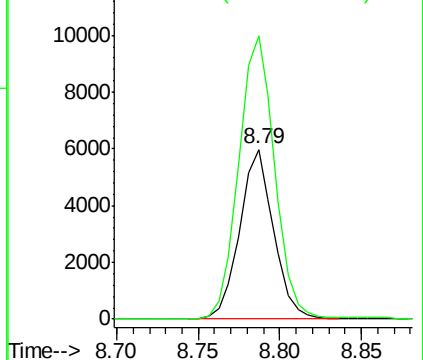
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.09 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX003462.D

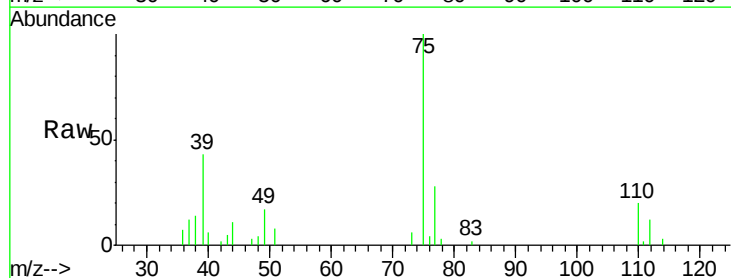
Acq: 19 Jul 2018 13:02

Tgt Ion: 75 Resp: 4517

Ion Ratio Lower Upper

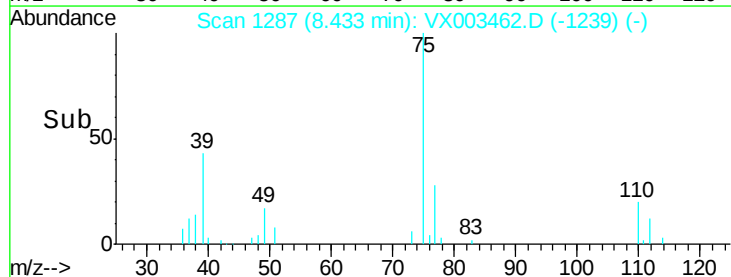
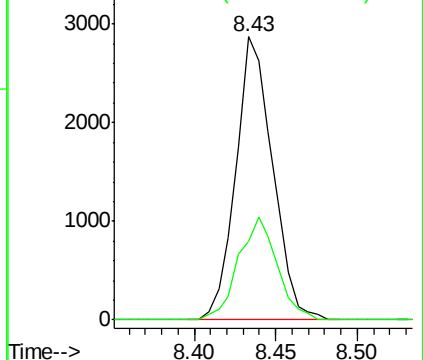
75 100

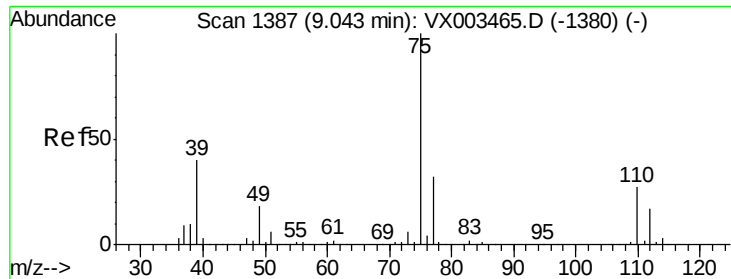
77 27.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

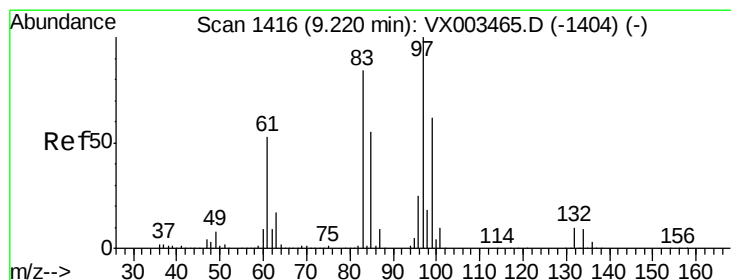
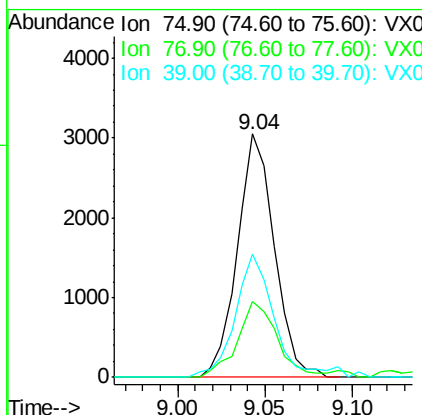
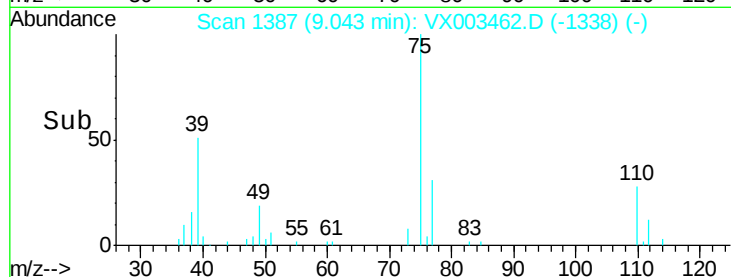
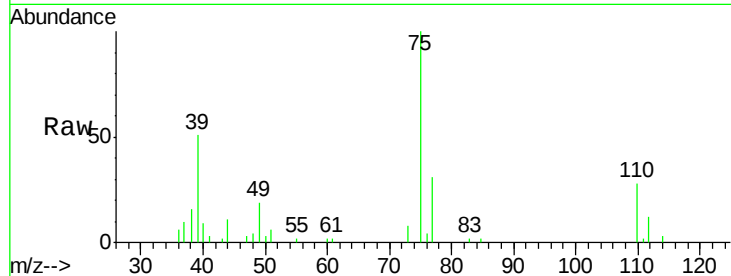
cis-1,3-Dichloropropene
Concen: 1.17 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2
39	50.7	42.4	63.6

Manual Integrations
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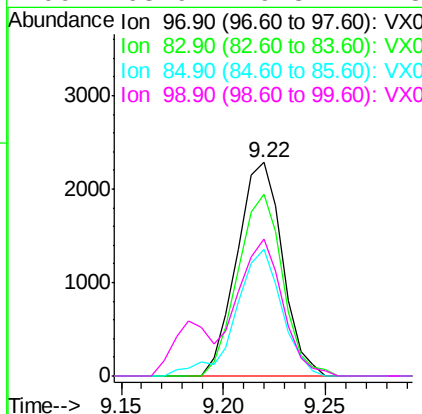
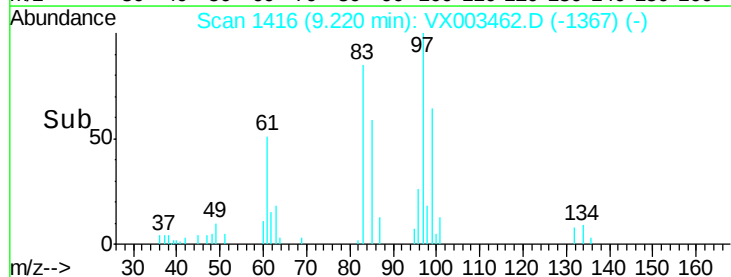
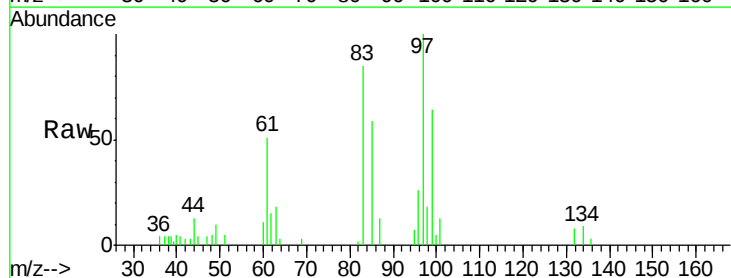
MMDadoda
7/20/2018 5:22:06 PM

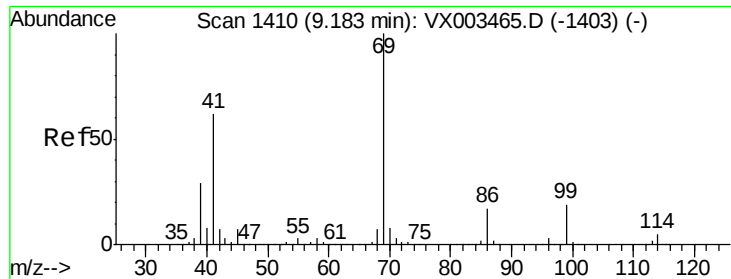


#55

1,1,2-Trichloroethane
Concen: 1.21 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.2	105.2
85	59.4	44.9	67.3
99	63.9	49.8	74.8





#56

Ethyl methacrylate

Concen: 0.89 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

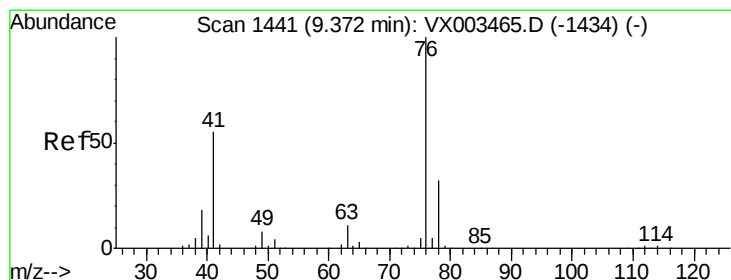
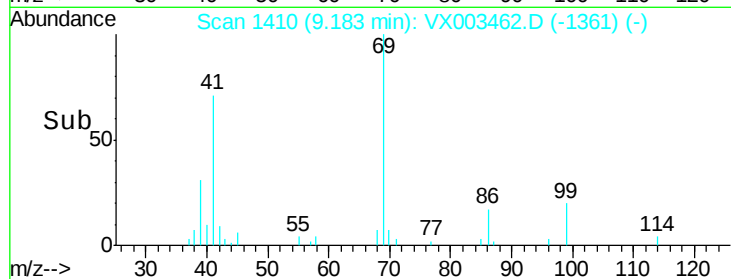
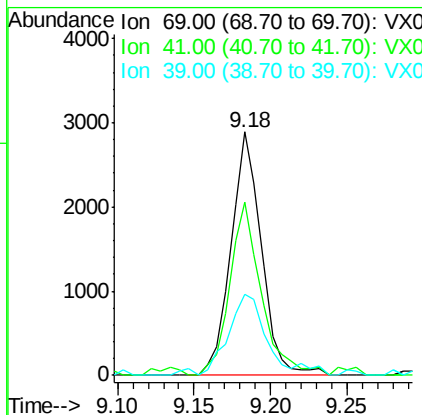
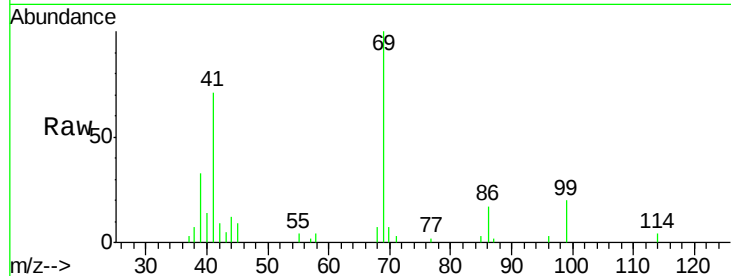
ClientSampleId :

VSTDIC01

Tot Ion:	69	Resp:	3983
Ion	Ratio	Lower	Upper
69	100		
41	74.4	60.3	90.5
39	40.7	35.8	53.8

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.20 ug/l

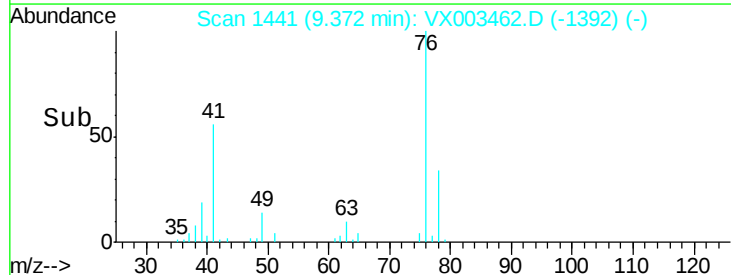
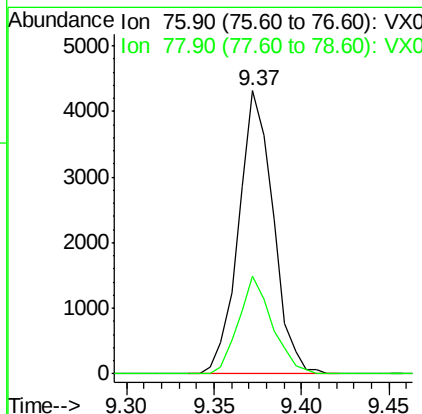
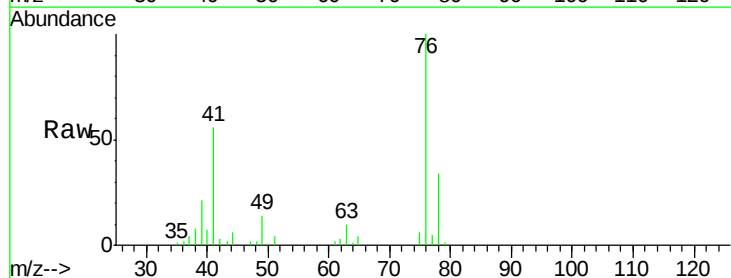
RT: 9.37 min Scan# 1441

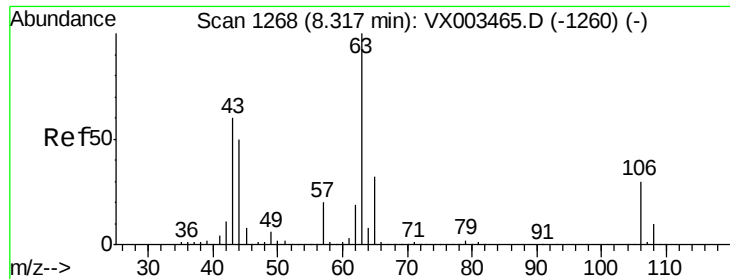
Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion:	76	Resp:	5934
Ion	Ratio	Lower	Upper
76	100		
78	33.7	25.8	38.6





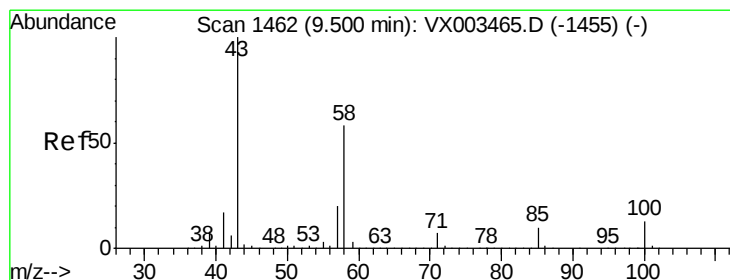
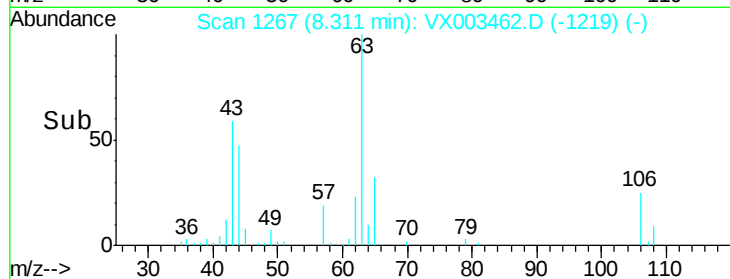
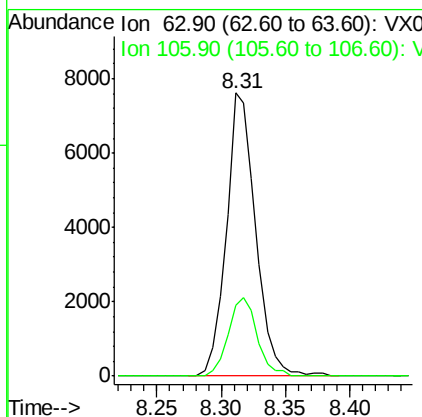
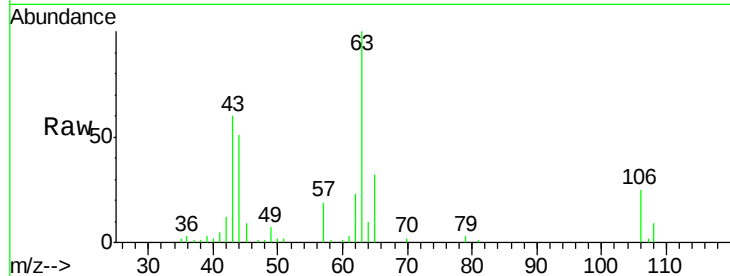
#58
2-Chloroethyl Vinyl ether
Concen: 5.57 ug/l
RT: 8.31 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion: 63 Resp: 12118
Ion Ratio Lower Upper
63 100
106 27.2 21.8 32.8

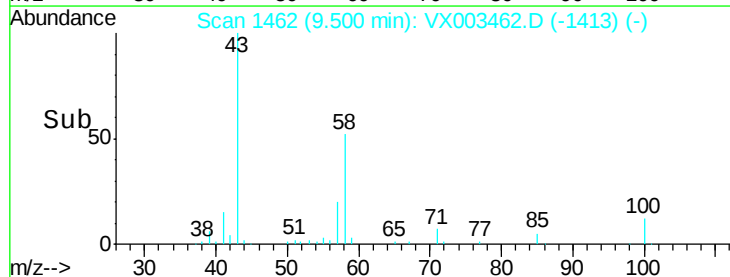
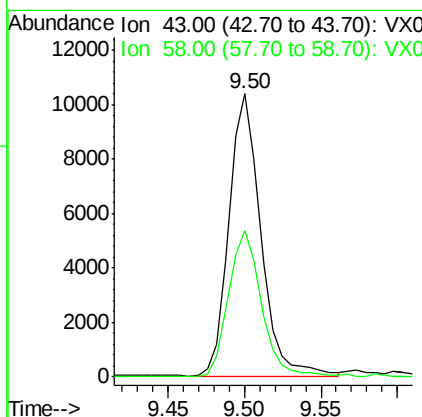
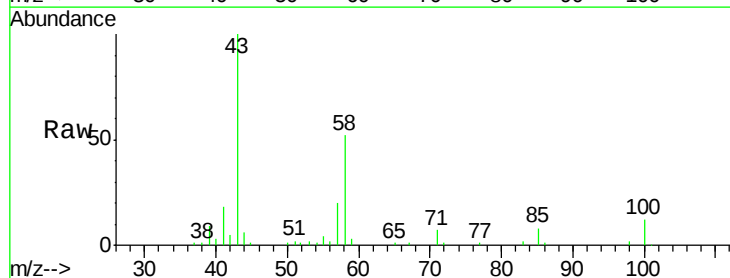
Manual Integrations
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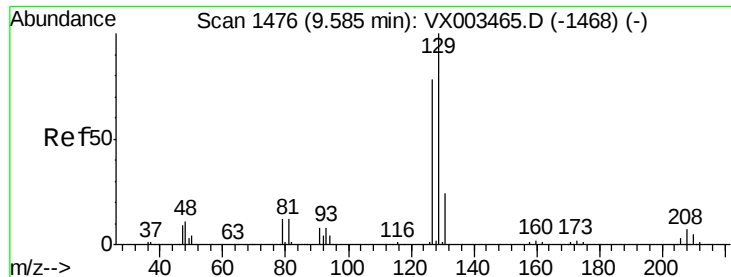
MMDadoda
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#59
2-Hexanone
Concen: 4.41 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion: 43 Resp: 15130
Ion Ratio Lower Upper
43 100
58 53.5 24.6 73.6





#60

Dibromochloromethane

Concen: 1.12 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC01

Tot Ion:129 Resp: 3157

Ion Ratio Lower Upper

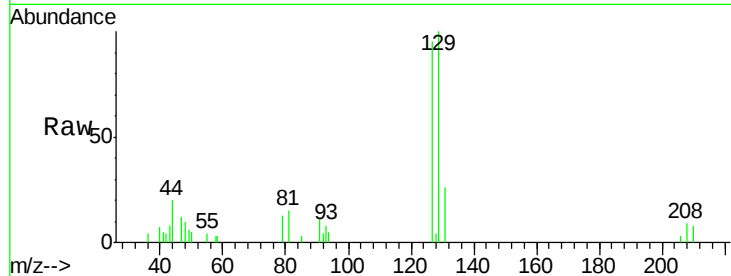
129 100

127 77.9 38.5 115.3

Manual Integrations
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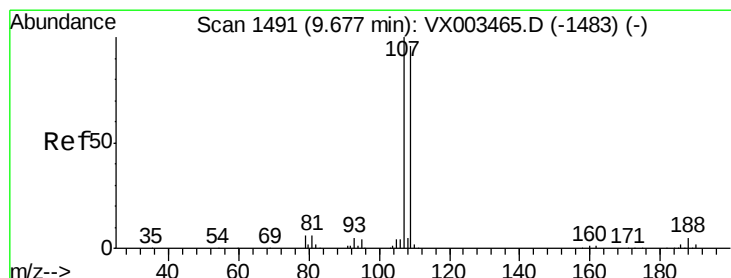
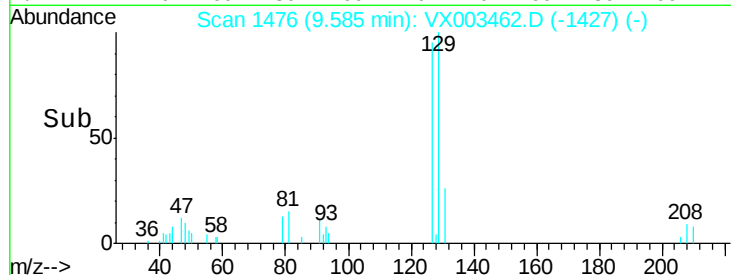
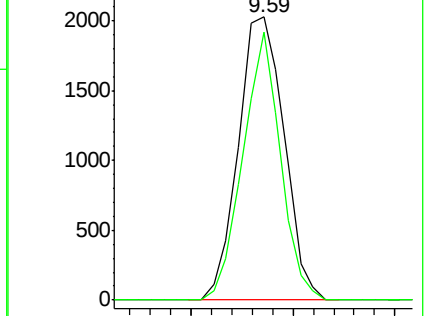
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003462.D

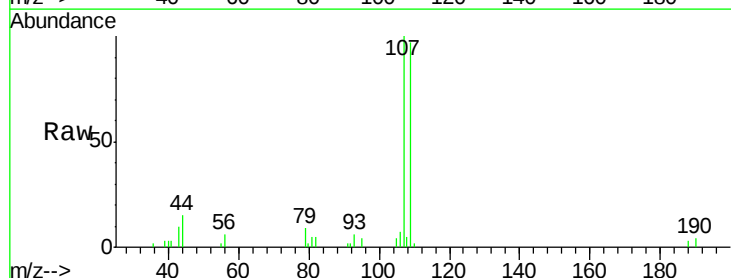
Acq: 19 Jul 2018 13:02

Tgt Ion:107 Resp: 3612

Ion Ratio Lower Upper

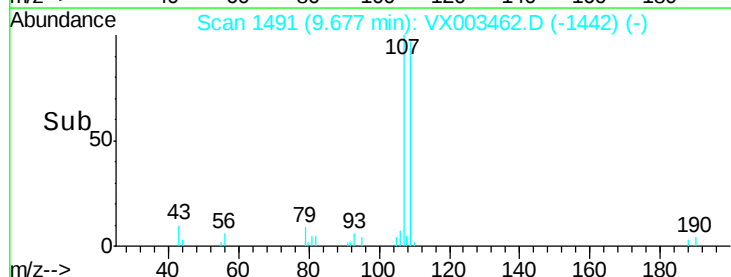
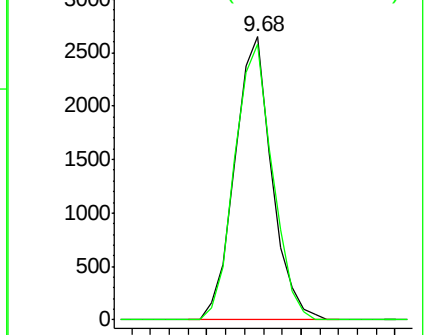
107 100

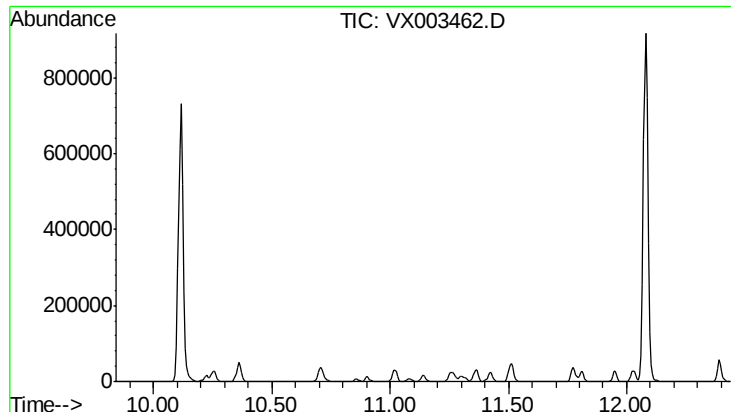
109 99.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





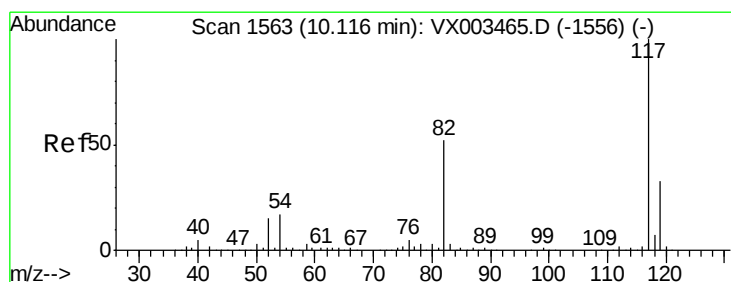
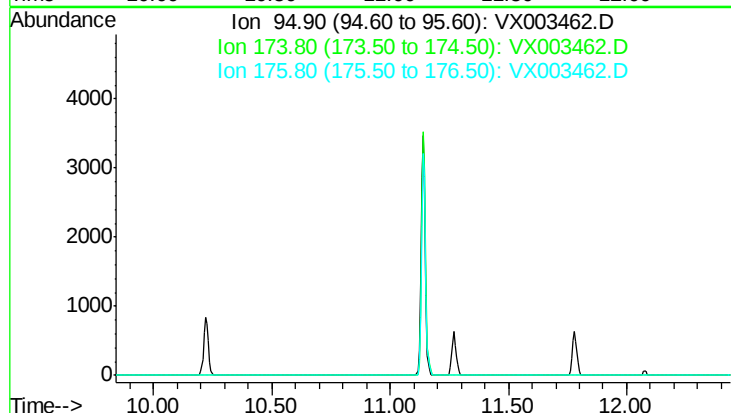
#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 11.14 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC01

Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 93.7
 176 90.5

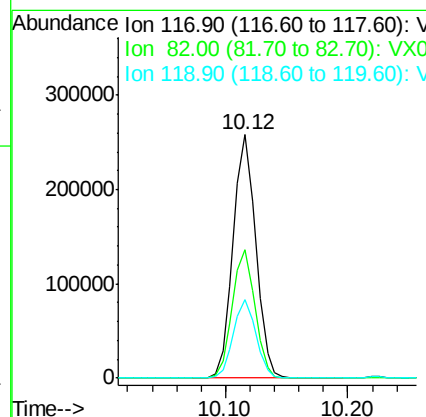
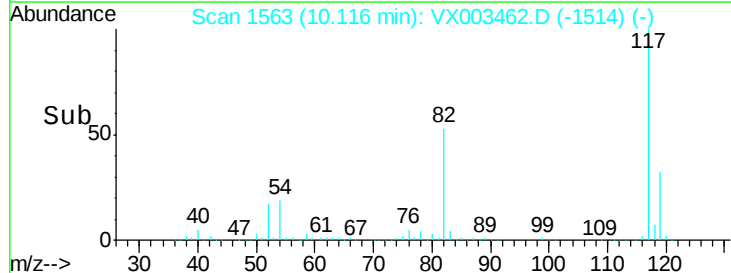
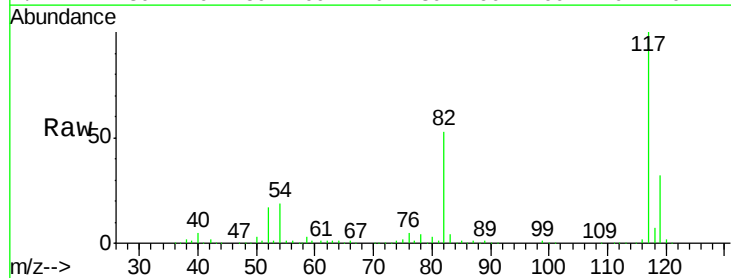
Manual Integrations
 APPROVED

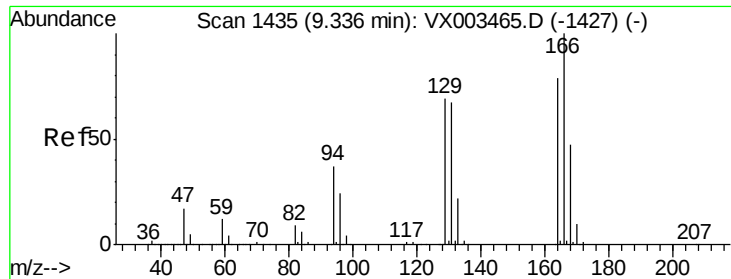
MMDadoda
 7/20/2018 5:22:06 PM



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Tgt Ion: 117 Resp: 330789
 Ion Ratio Lower Upper
 117 100
 82 52.7 45.0 67.4
 119 32.0 25.8 38.6





#64

Tetrachloroethene

Concen: 1.38 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC01

Tot Ion:164 Resp: 5073

Ion Ratio Lower Upper

164 100

166 124.8 102.9 154.3

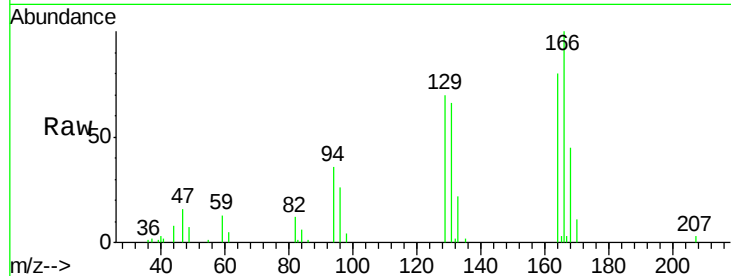
129 87.0 68.6 102.8

131 82.7 66.8 100.2

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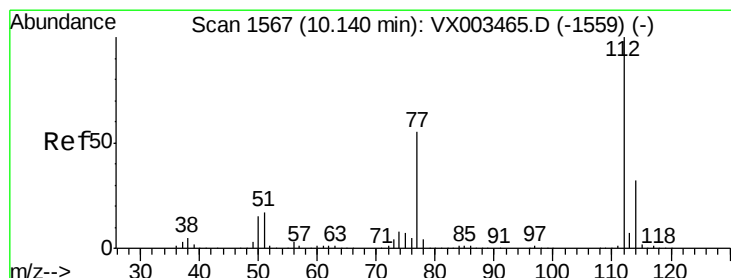
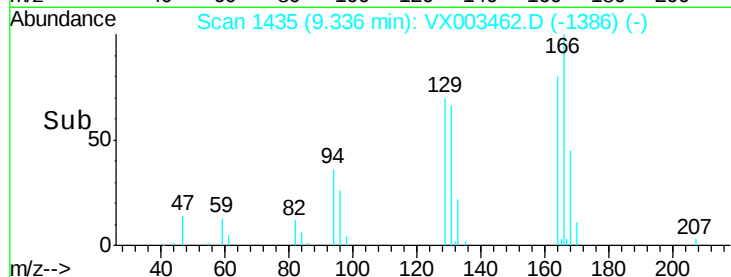
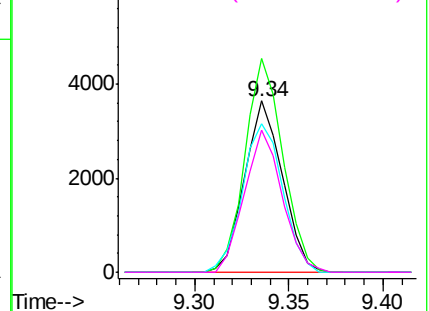


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.32 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003462.D

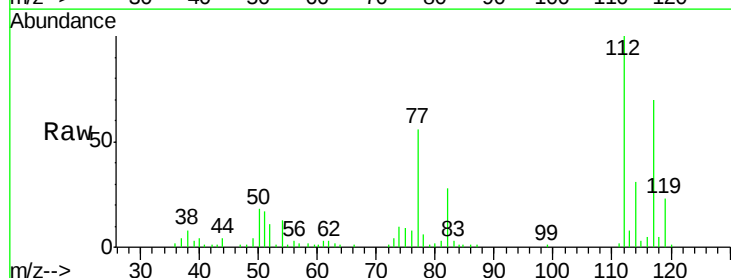
Acq: 19 Jul 2018 13:02

Tgt Ion:112 Resp: 10762

Ion Ratio Lower Upper

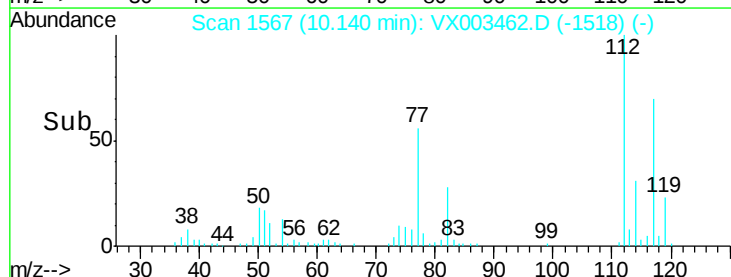
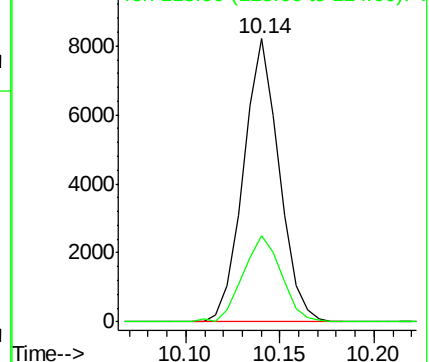
112 100

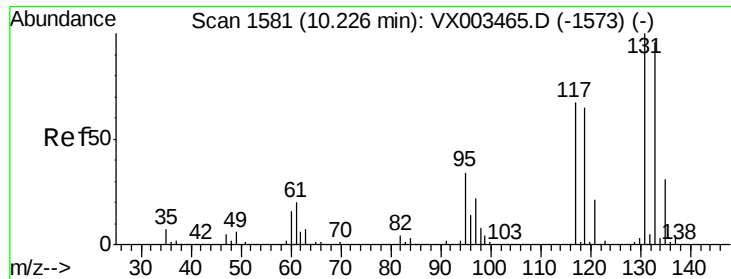
114 30.7 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.15 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

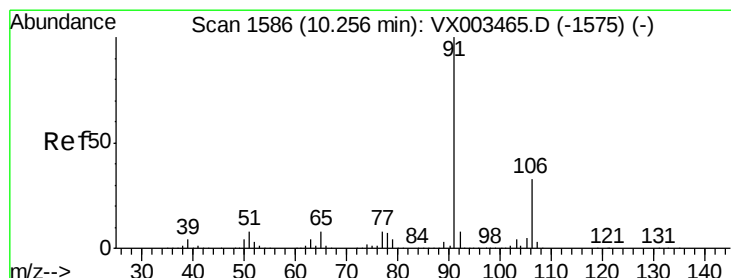
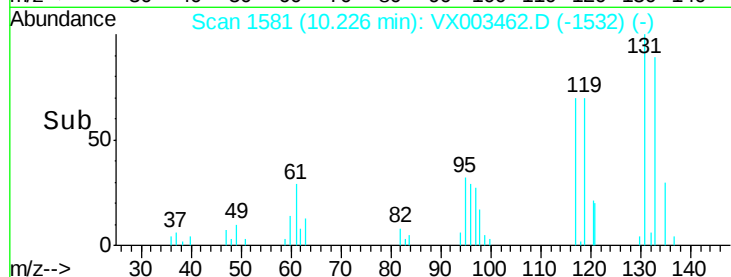
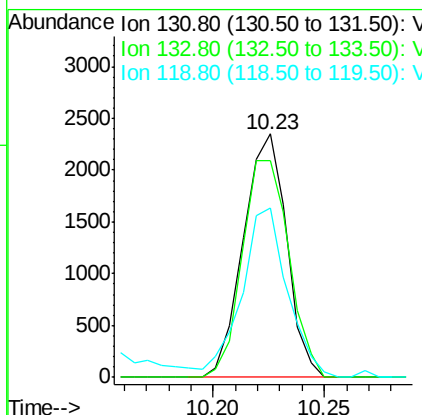
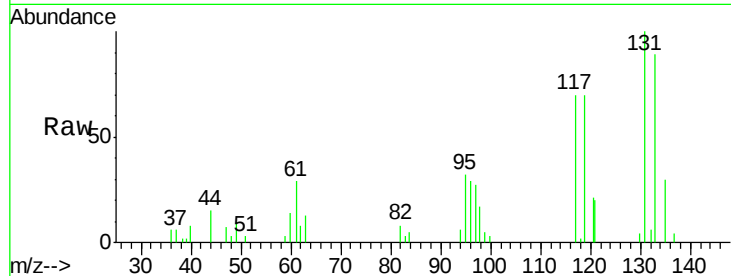
ClientSampleId :

VSTDIC01

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.9	143.6
119	0.0	31.8	95.3#

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#67

Ethyl Benzene

Concen: 1.14 ug/l

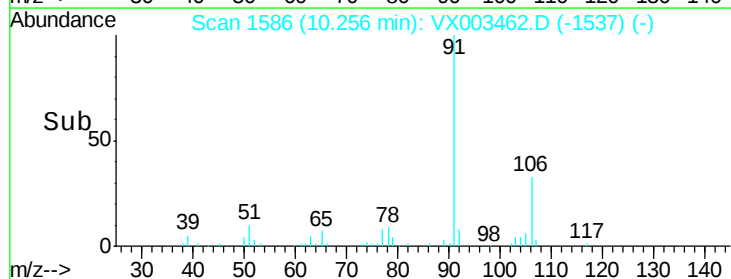
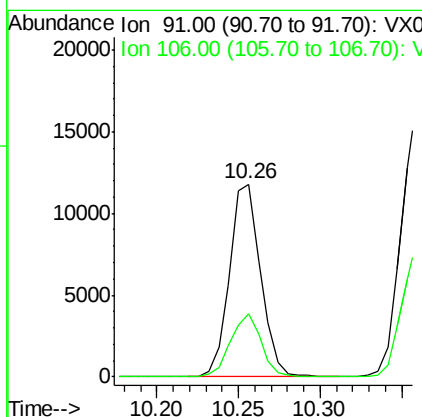
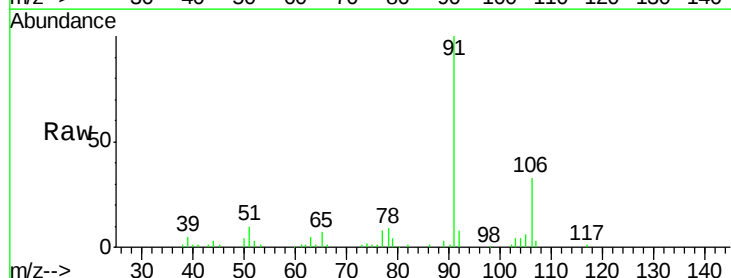
RT: 10.26 min Scan# 1586

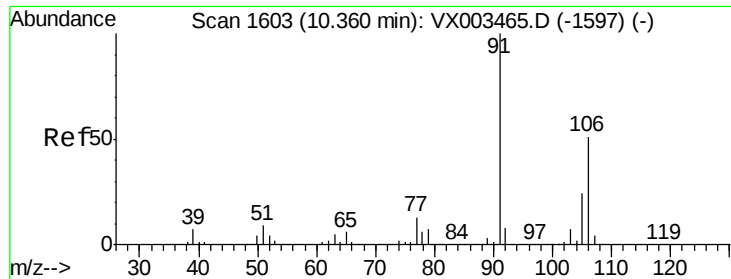
Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.5	38.3





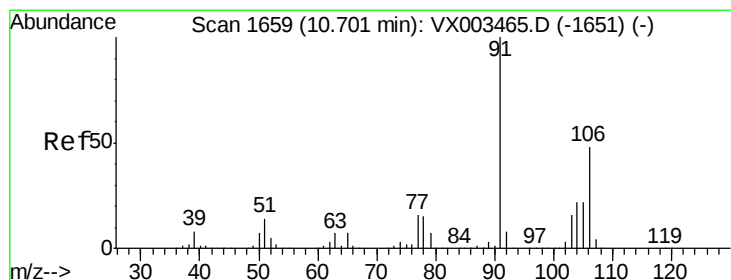
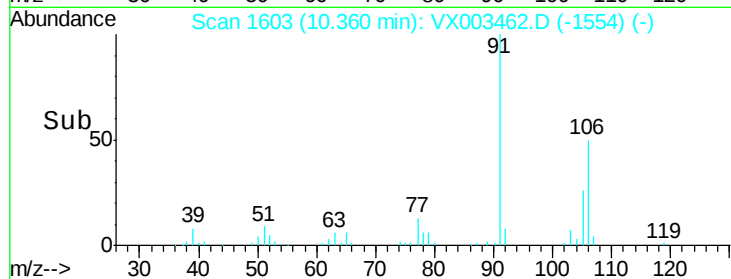
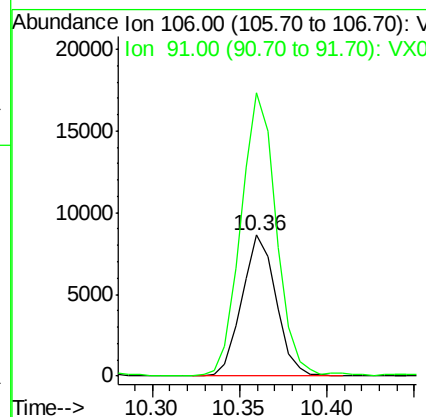
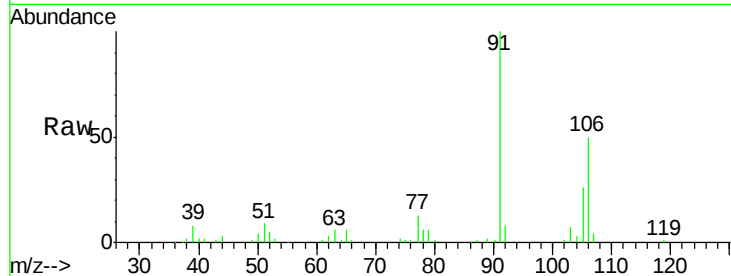
#68
m/p-Xvlenes
Concen: 2.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion:106 Resp: 11712
Ion Ratio Lower Upper
106 100
91 208.7 163.4 245.2

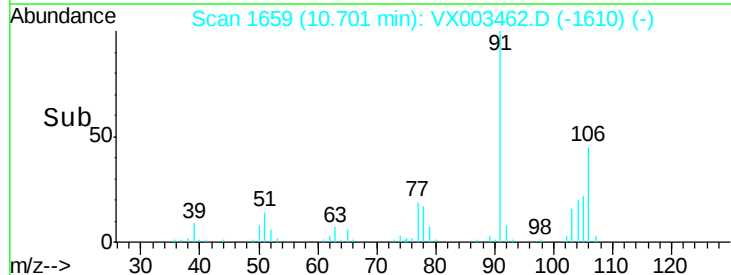
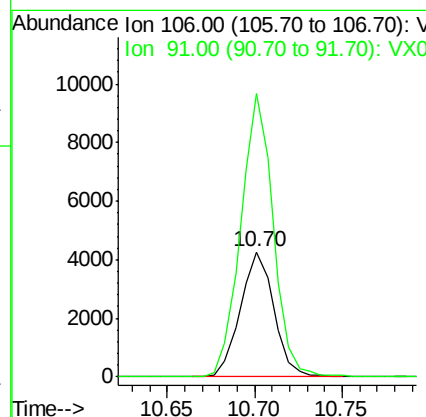
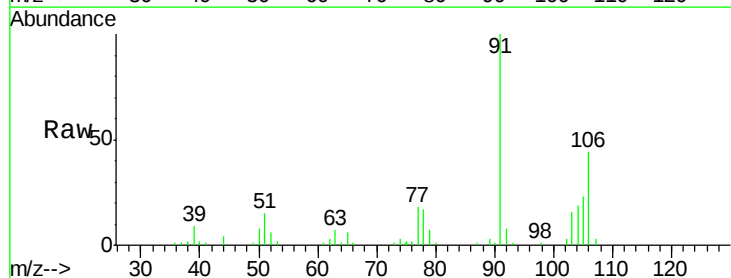
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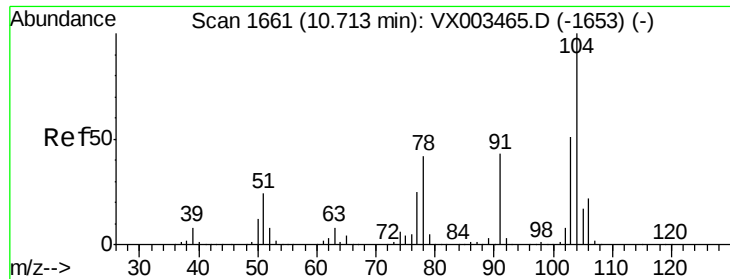
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#69
o-Xylene
Concen: 1.10 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion:106 Resp: 5687
Ion Ratio Lower Upper
106 100
91 219.1 108.2 324.6





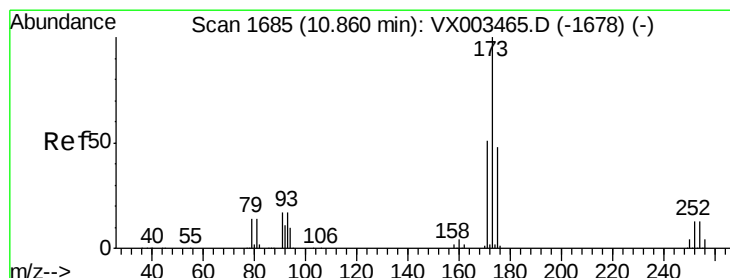
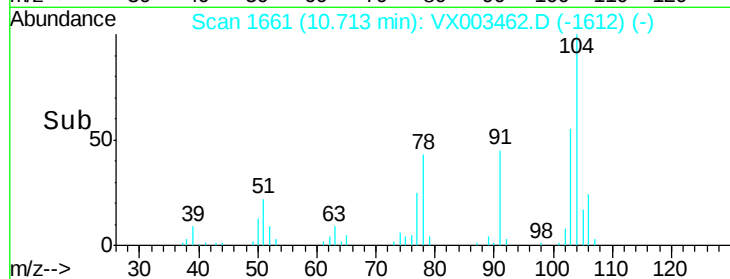
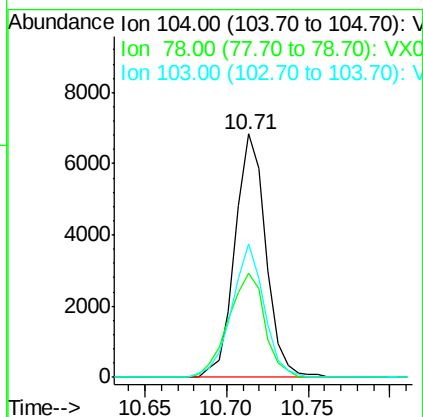
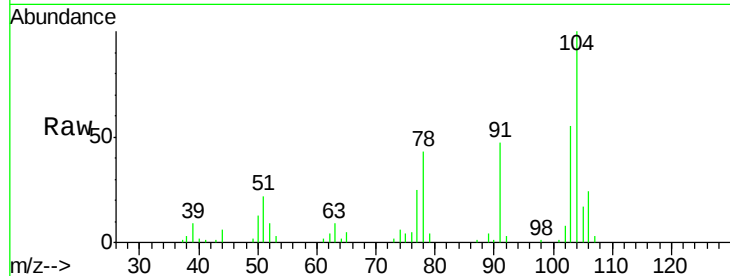
#70
Stvrene
Concen: 1.06 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.1	41.0	61.6
103	57.4	44.2	66.4

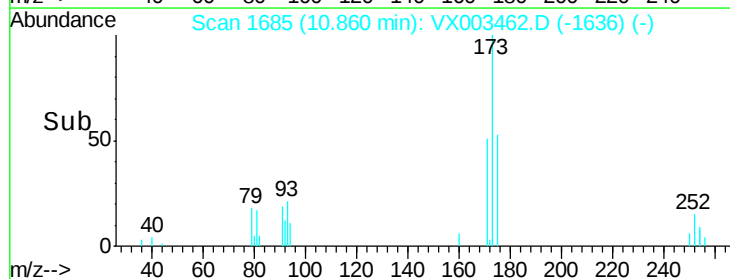
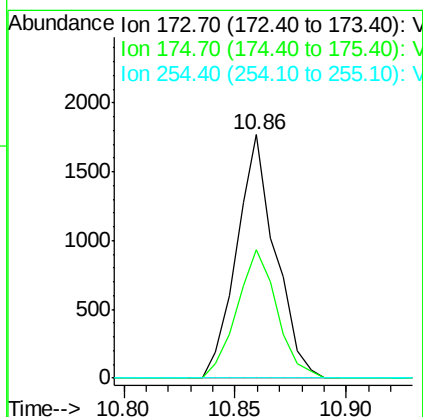
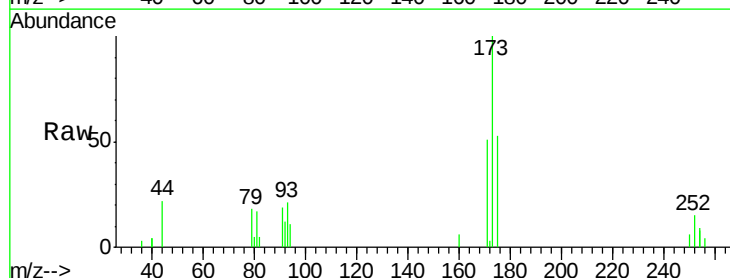
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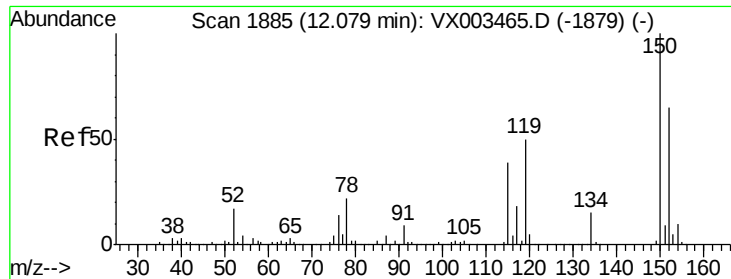
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#71
Bromoform
Concen: 1.03 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	55.1	24.7	74.1
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

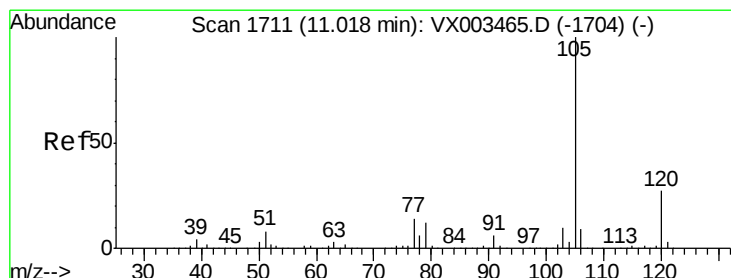
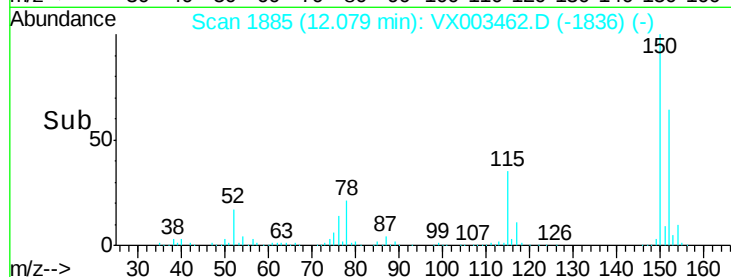
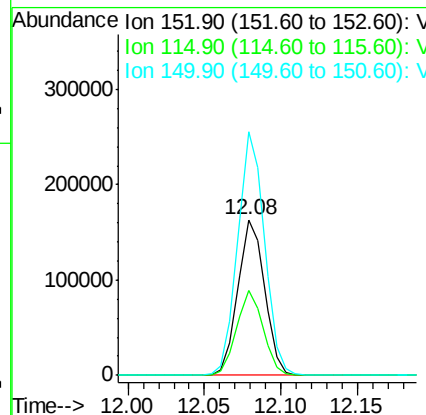
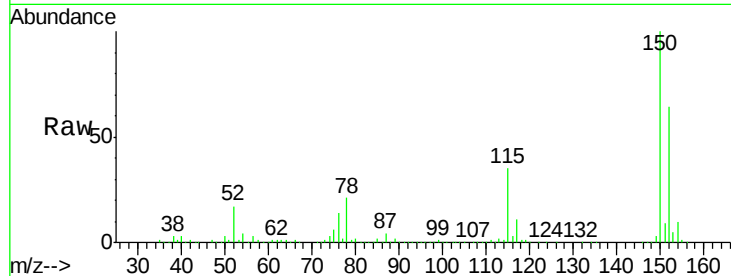
ClientSampleId :

VSTDIC01

Tot Ion:	152	Resp:	198951
Ion Ratio	Lower	Upper	
152	100		
115	53.9	40.1	120.2
150	156.2	0.0	347.2

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#73

Isopropylbenzene

Concen: 1.16 ug/l

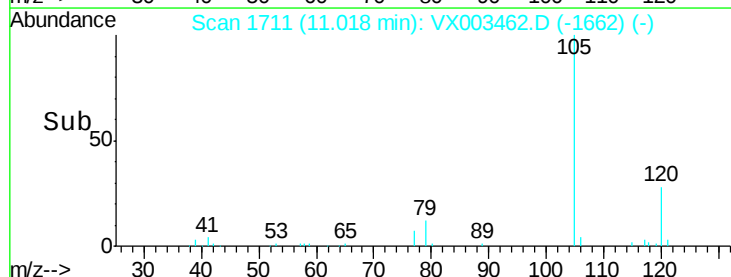
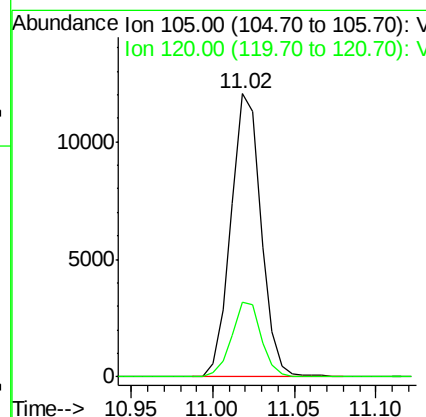
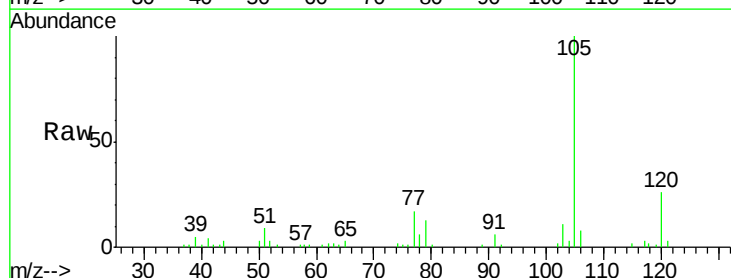
RT: 11.02 min Scan# 1711

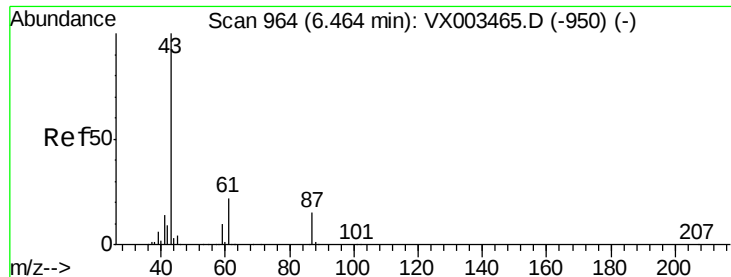
Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion:	105	Resp:	15501
Ion Ratio	Lower	Upper	
105	100		
120	25.8	13.5	40.4





#74

N-amvl acetate

Concen: 1.03 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX003462.D

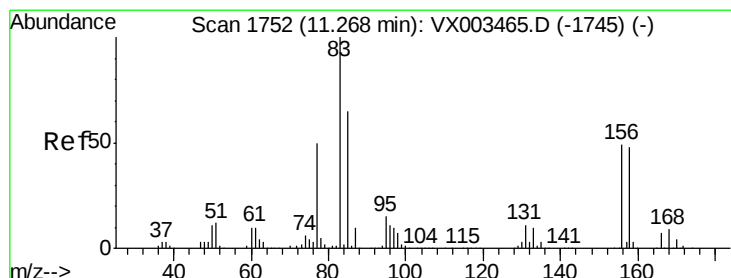
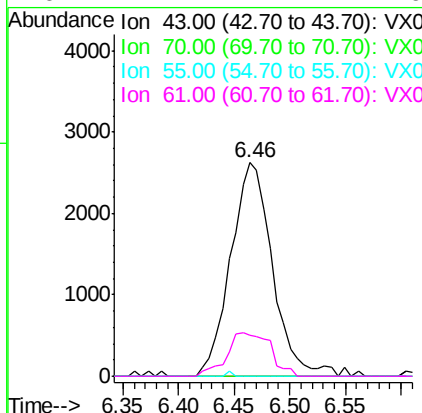
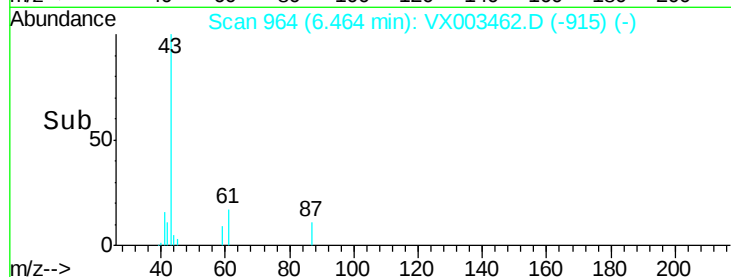
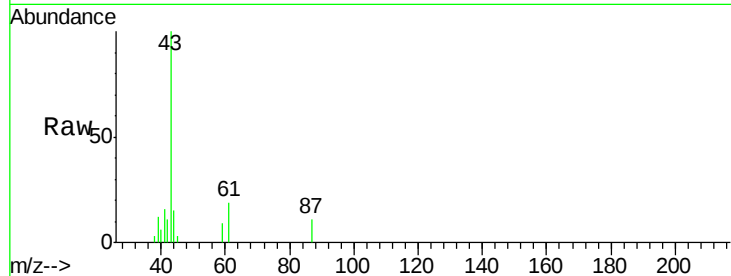
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion:	43	Resp:	6829
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.3	0.0	0.0#
61	21.4	14.4	21.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.23 ug/l

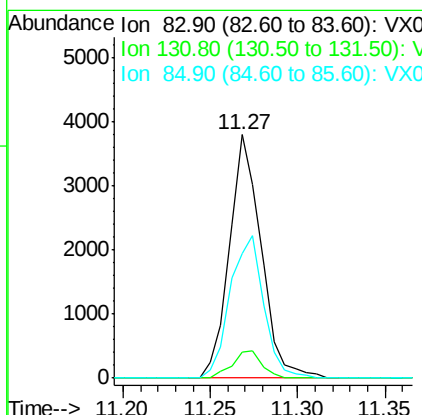
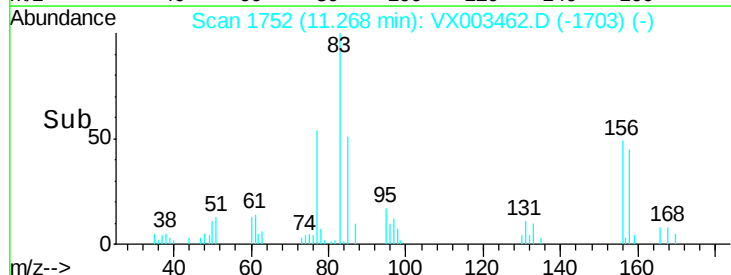
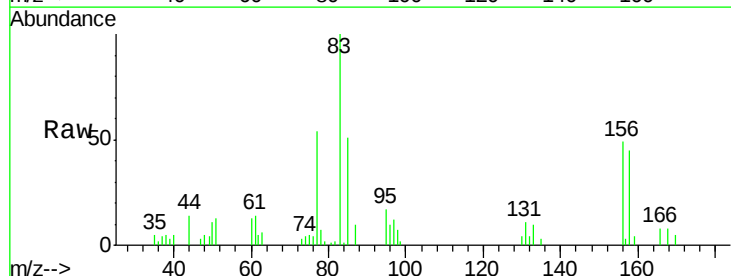
RT: 11.27 min Scan# 1752

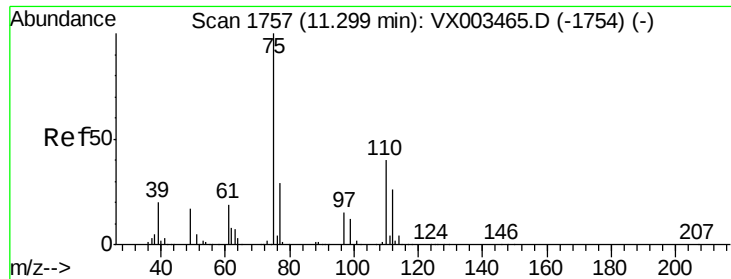
Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion:	83	Resp:	4818
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.6	16.8
85	61.6	32.4	97.2





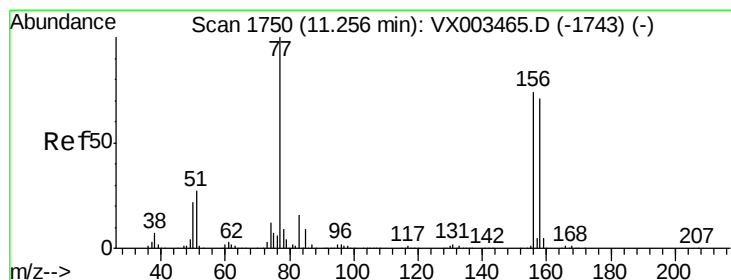
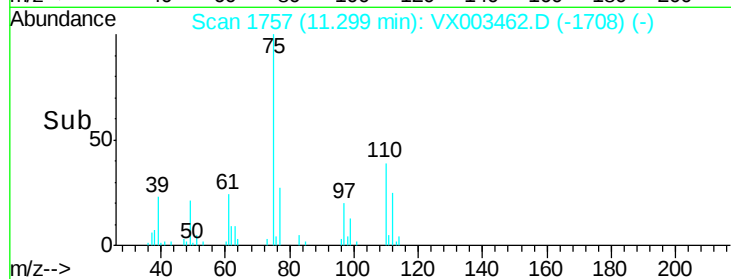
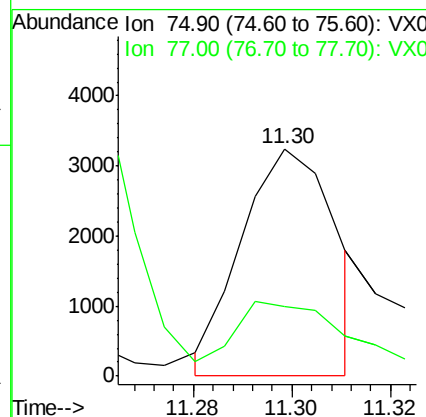
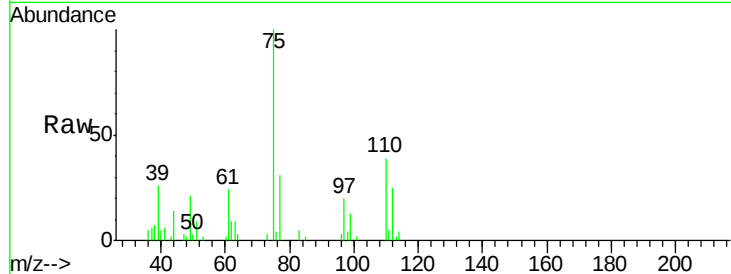
#76
 1,2,3-Trichloropropane
 Concen: 1.14 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC01

Tot Ion: 75 Resp: 4279
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.8 68.3

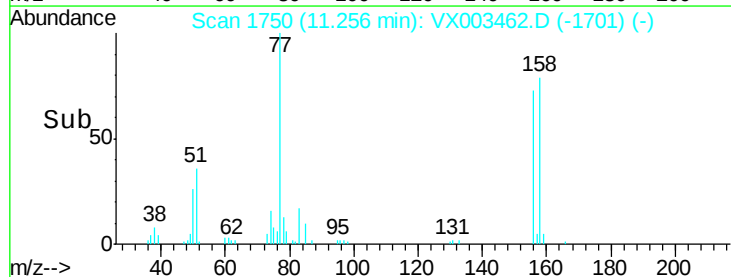
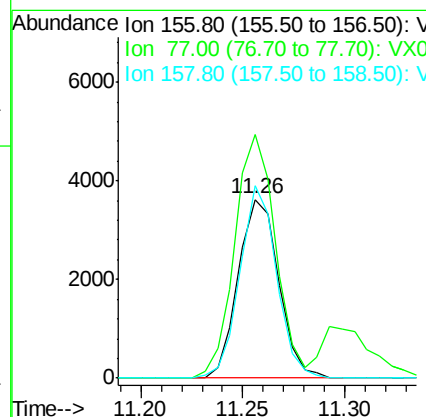
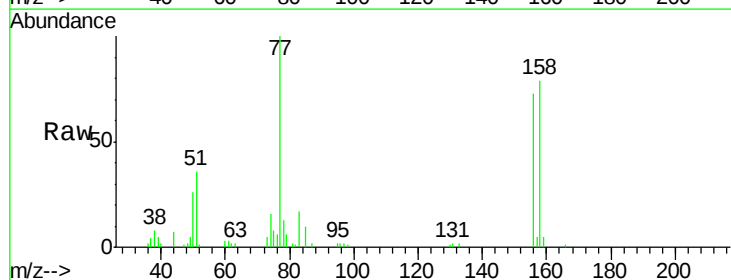
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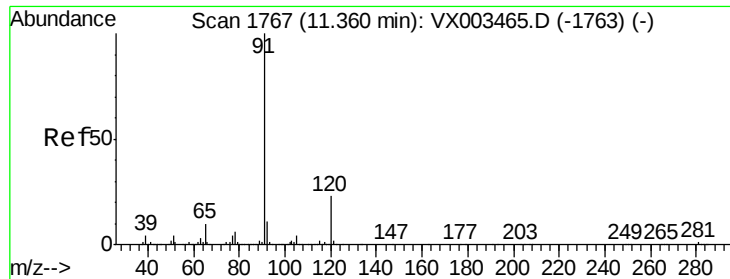
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#77
 Bromobenzene
 Concen: 1.34 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Tgt Ion: 156 Resp: 4980
 Ion Ratio Lower Upper
 156 100
 77 136.9 71.4 214.2
 158 97.4 48.9 146.6





#78

n-propylbenzene

Concen: 1.10 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC01

Tot Ion: 91 Resp: 16827

Ion Ratio Lower Upper

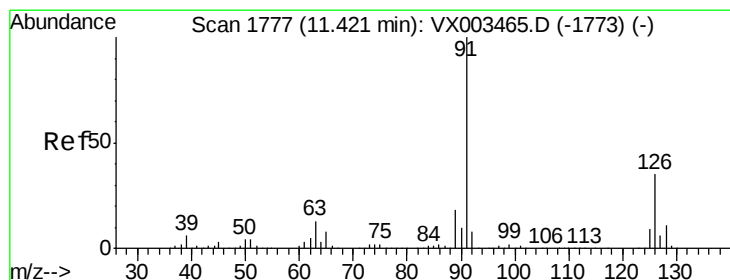
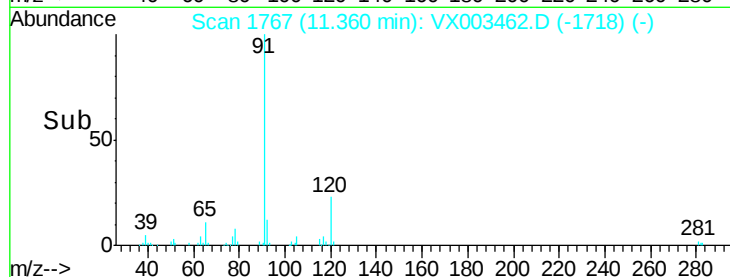
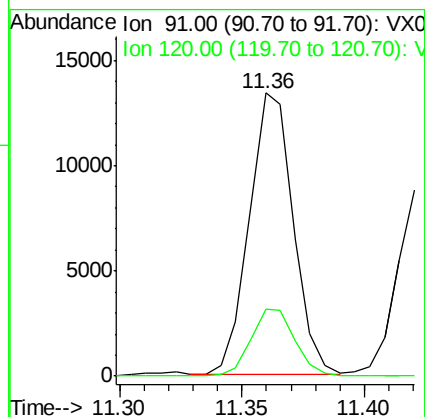
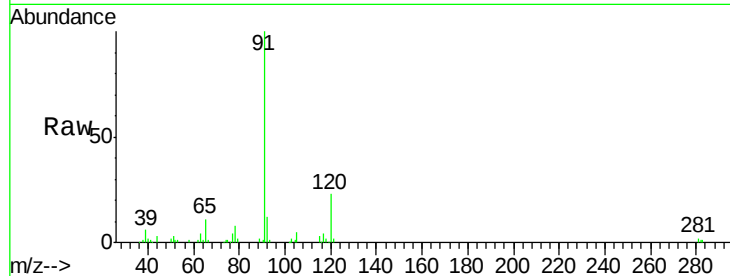
91 100

120 23.7 11.8 35.4

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#79

2-Chlorotoluene

Concen: 1.25 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003462.D

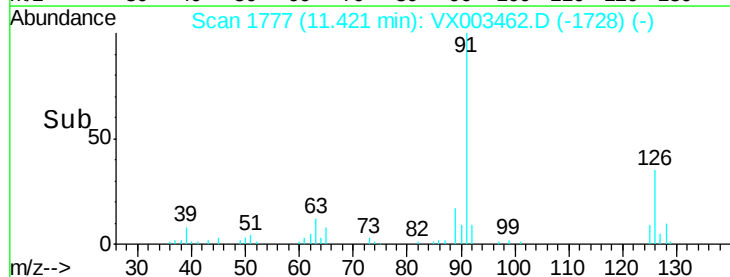
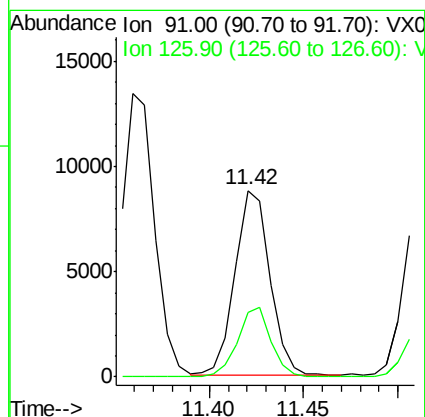
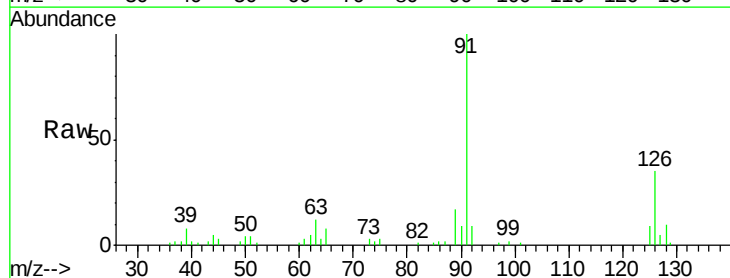
Acq: 19 Jul 2018 13:02

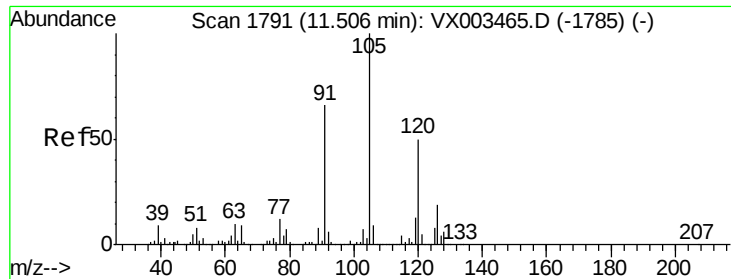
Tgt Ion: 91 Resp: 11431

Ion Ratio Lower Upper

91 100

126 35.4 17.7 53.1





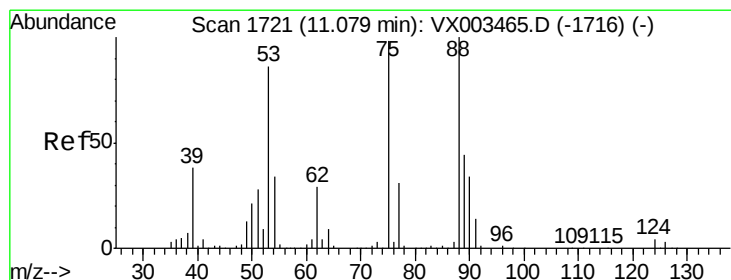
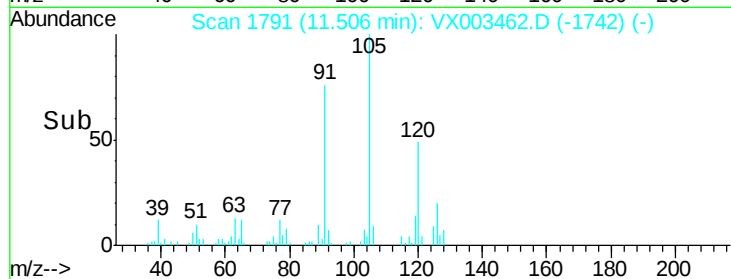
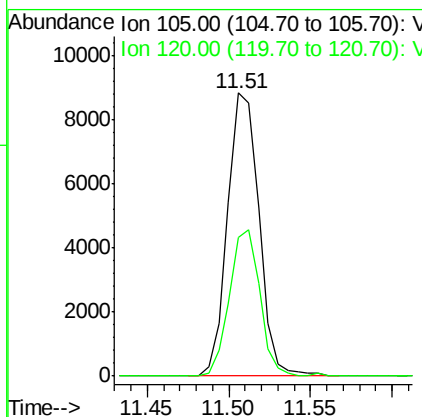
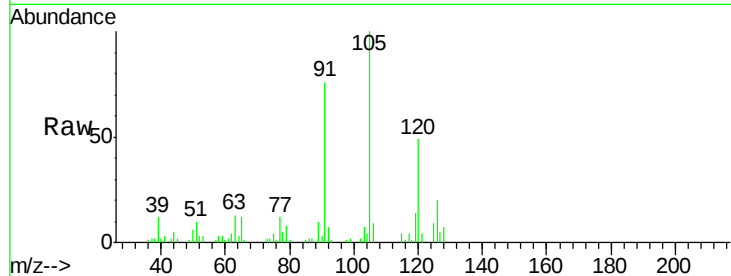
#80
 1,3,5-Trimethylbenzene
 Concen: 1.06 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC01

Tot Ion:105 Resp: 11876
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.4

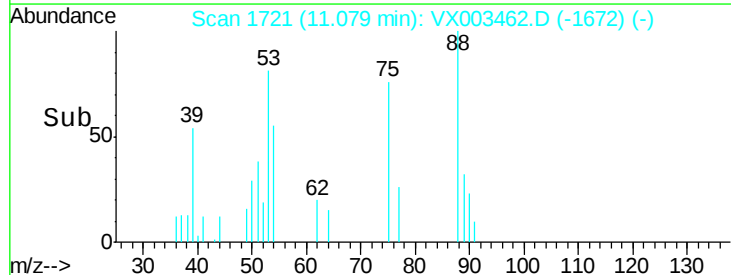
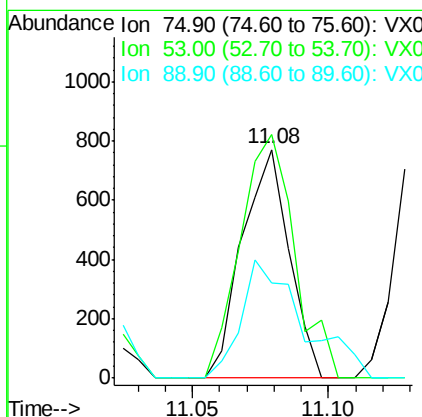
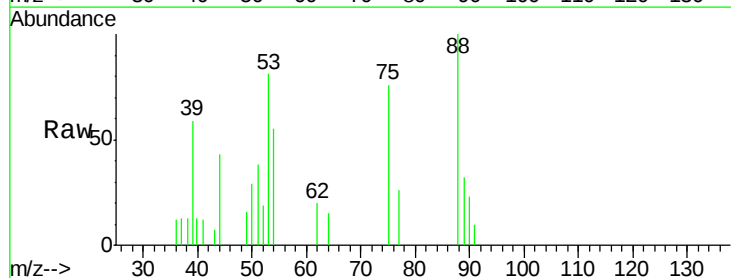
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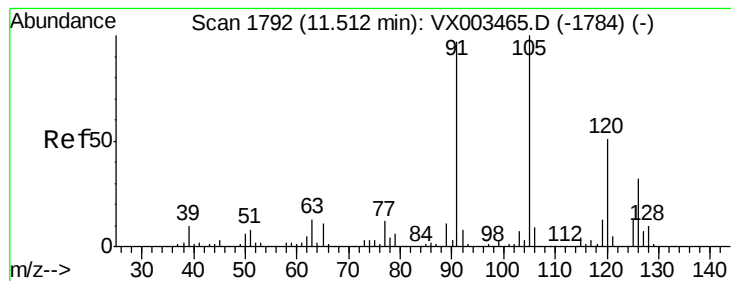
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.93 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Tgt Ion: 75 Resp: 924
 Ion Ratio Lower Upper
 75 100
 53 122.7 86.8 130.2
 89 68.0 38.2 57.2#





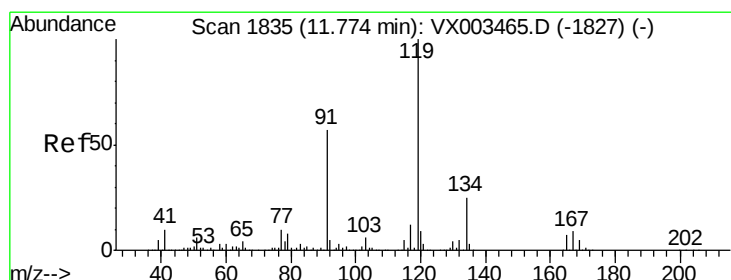
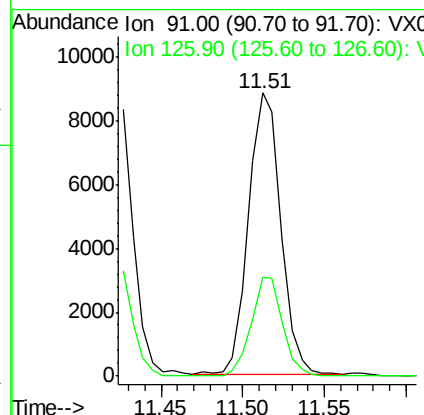
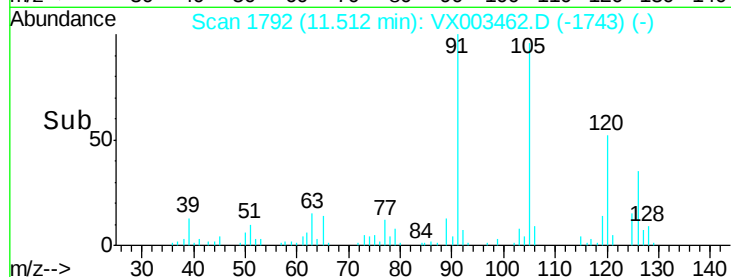
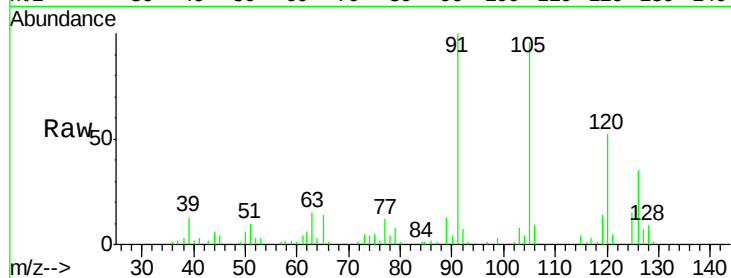
#82
4-Chlorotoluene
Concen: 1.13 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion: 91 Resp: 12141
Ion Ratio Lower Upper
91 100
126 34.2 15.4 46.4

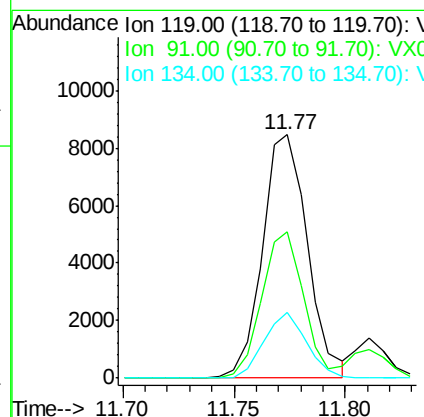
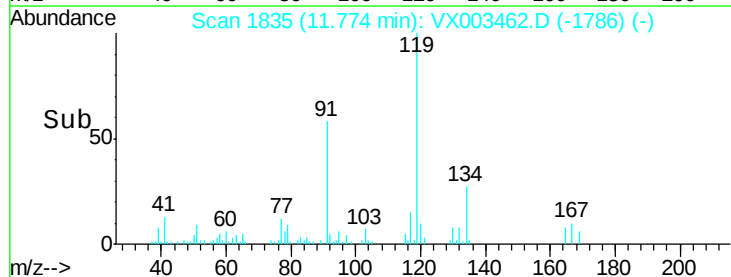
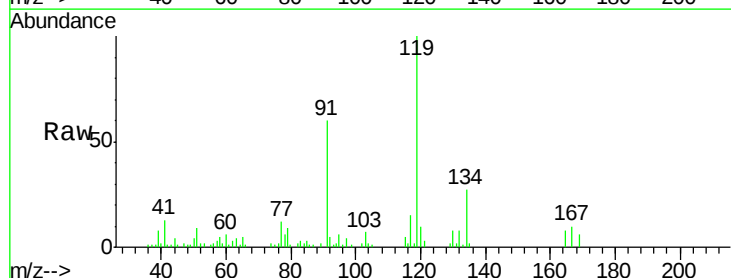
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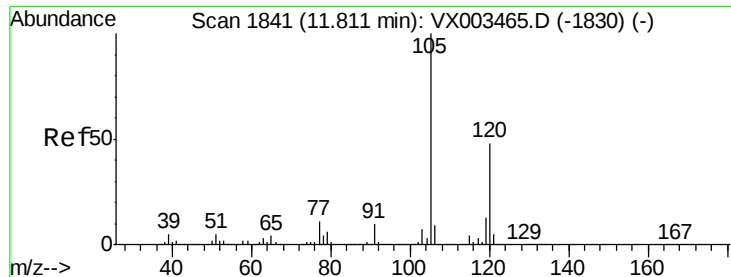
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#83
tert-Butylbenzene
Concen: 1.09 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion: 119 Resp: 11847
Ion Ratio Lower Upper
119 100
91 55.7 30.3 90.9
134 25.3 11.7 35.1





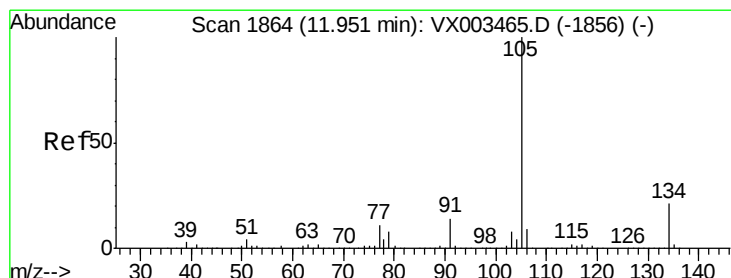
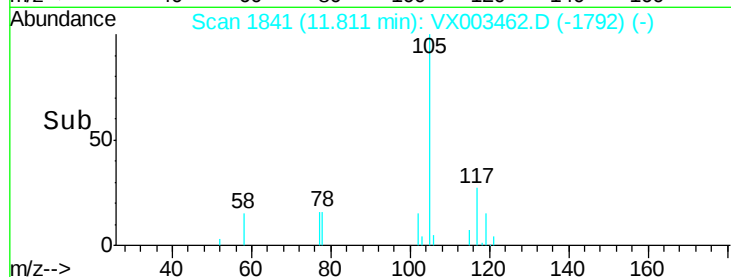
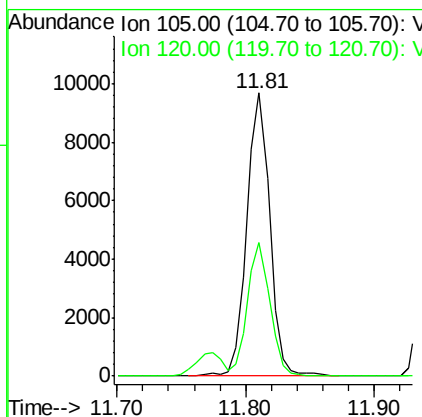
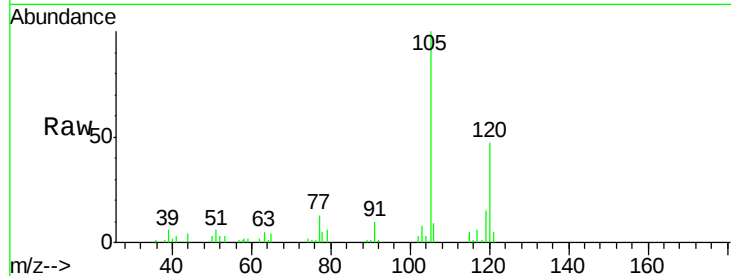
#84
 1,2,4-Trimethylbenzene
 Concen: 1.03 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC01

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.3	66.8

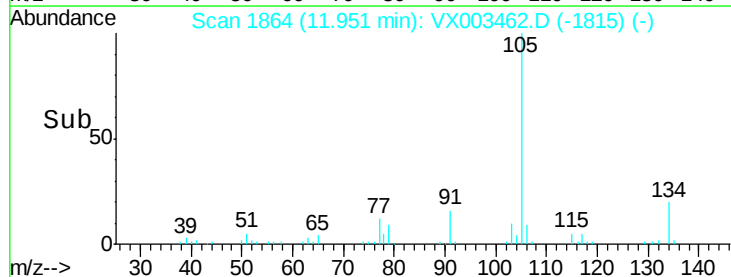
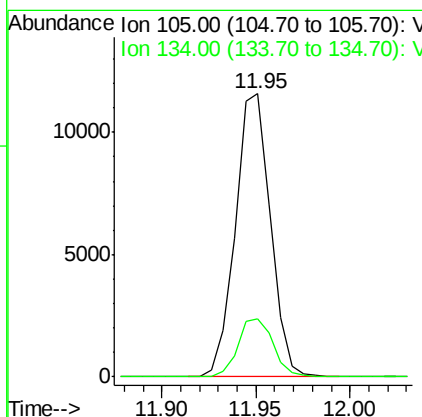
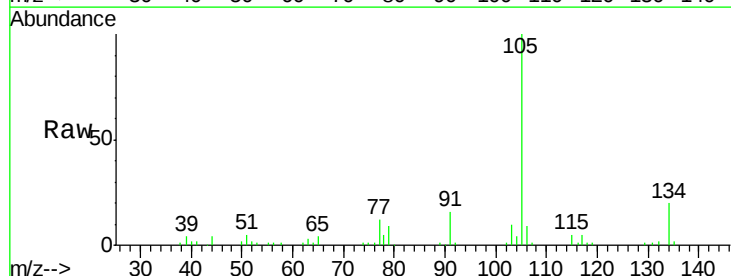
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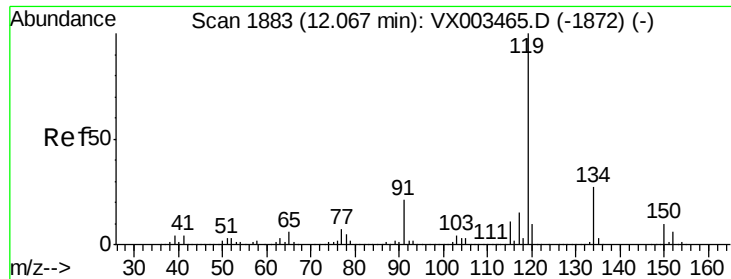
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#85
 sec-Butylbenzene
 Concen: 1.11 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.1





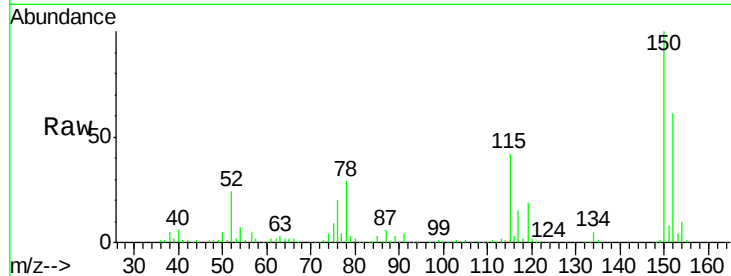
#86
p-Isopropyltoluene
Concen: 1.04 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

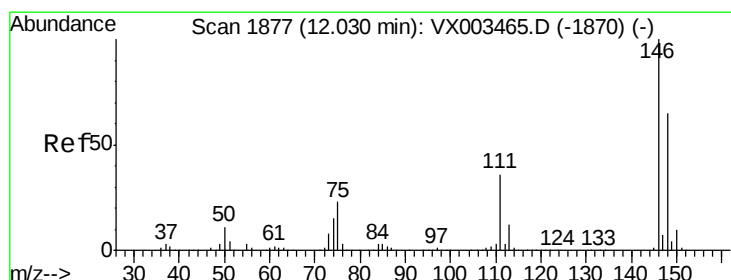
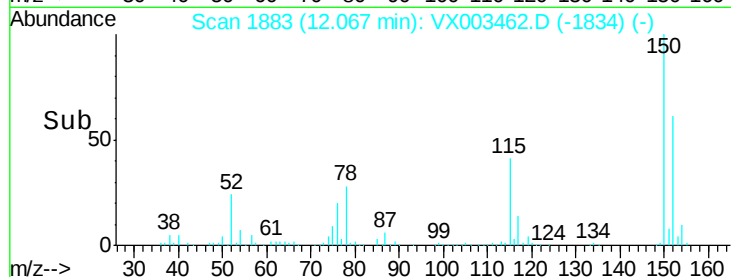
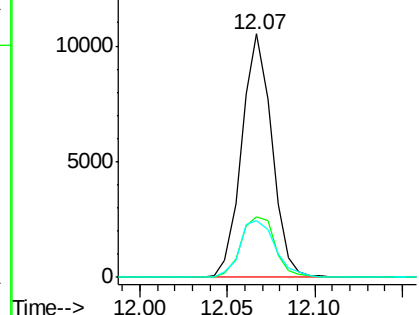
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.4	40.1
91	27.7	11.9	35.7

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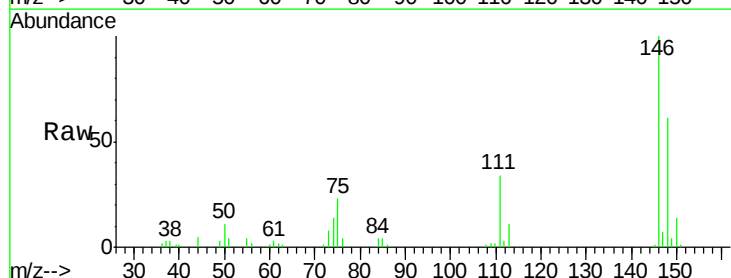


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

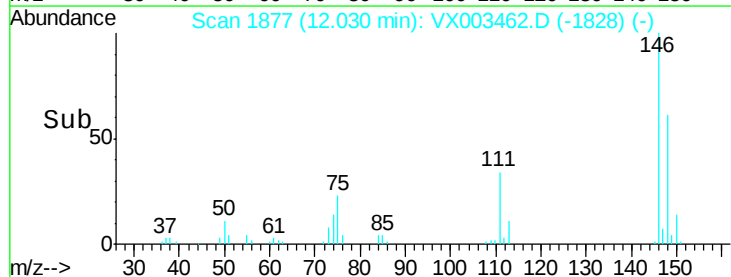
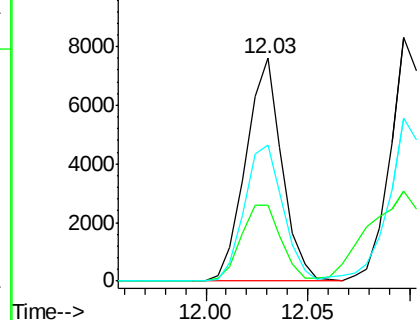


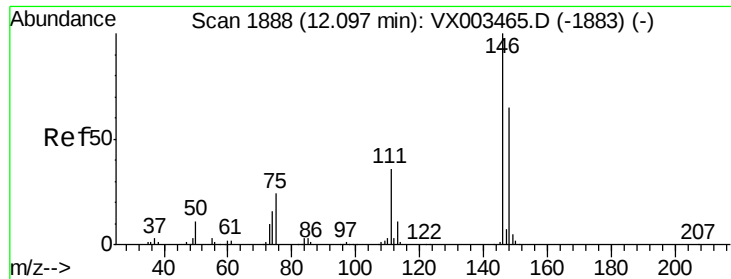
#87
1,3-Dichlorobenzene
Concen: 1.38 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	65.5	32.1	96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





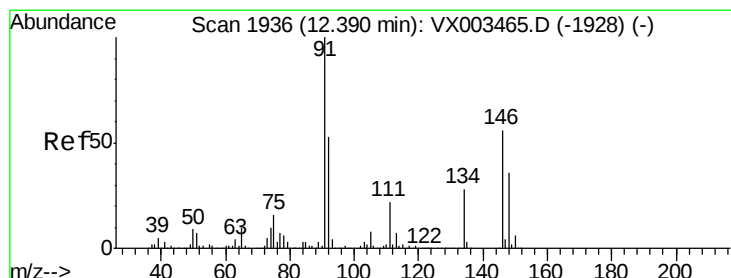
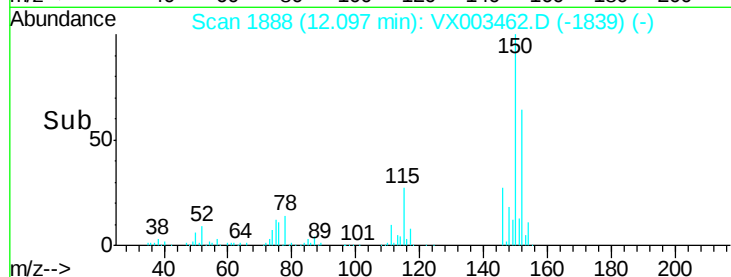
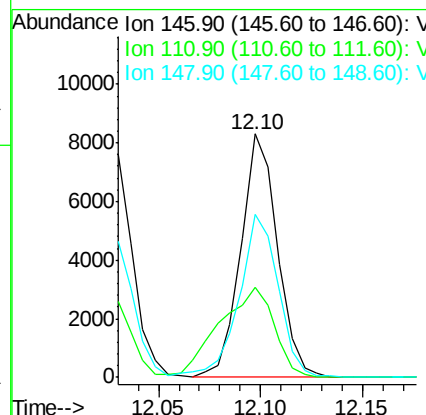
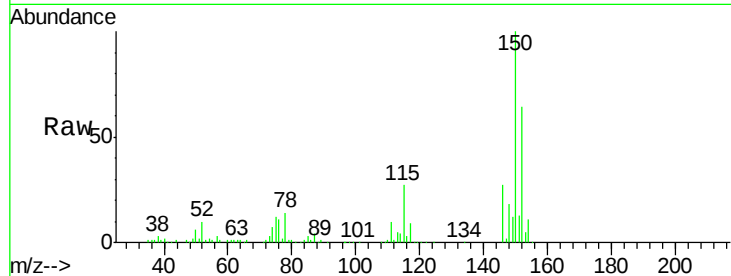
#88
 1,4-Dichlorobenzene
 Concen: 1.50 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC01

Tot Ion	Ratio	Lower	Upper
146	100		
111	55.4	18.7	56.1
148	71.4	32.4	97.0

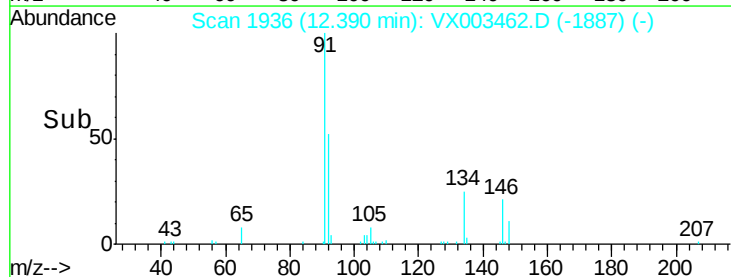
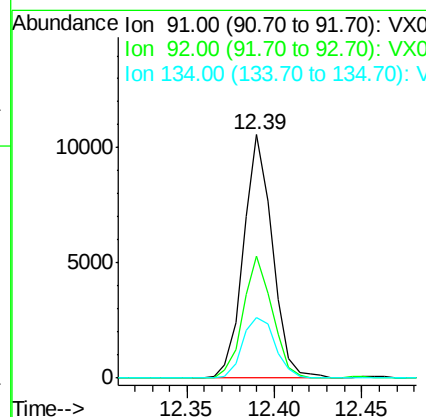
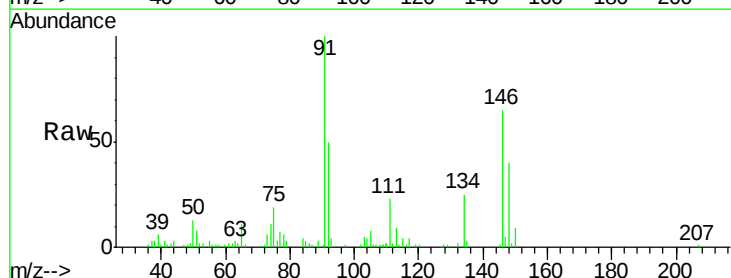
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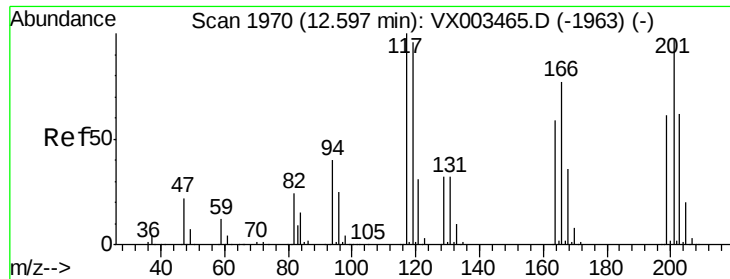
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#89
 n-Butylbenzene
 Concen: 1.13 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.0	78.0
134	28.0	13.5	40.5





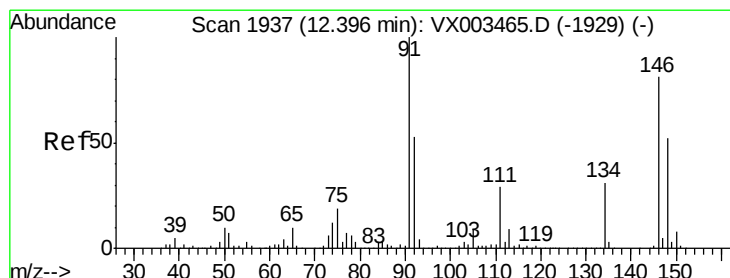
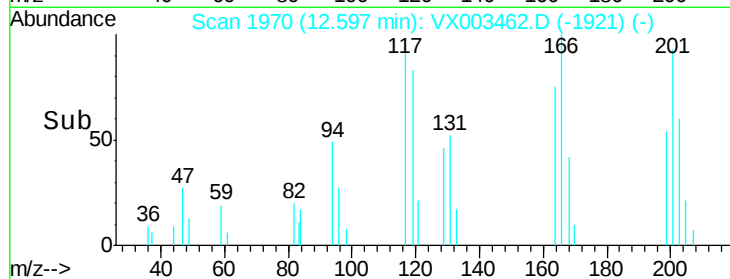
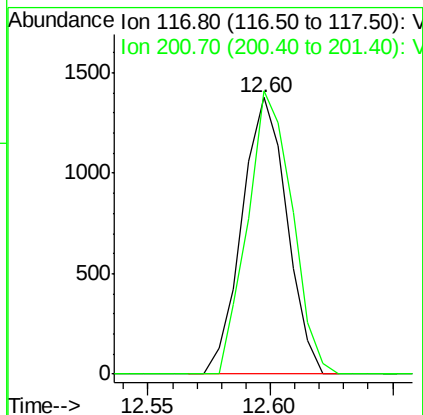
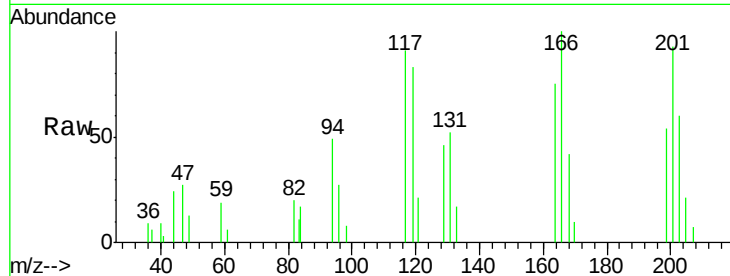
#90
Hexachloroethane
Concen: 1.05 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC01

Tot Ion:117 Resp: 1762
Ion Ratio Lower Upper
117 100
201 101.7 49.0 147.0

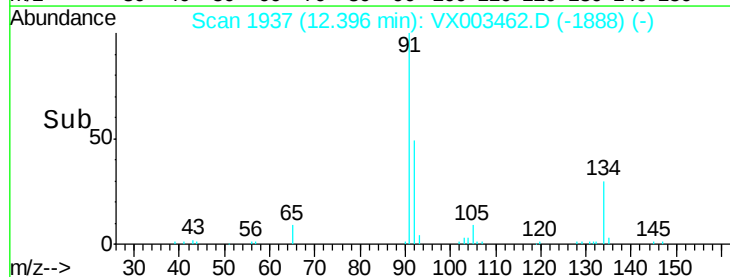
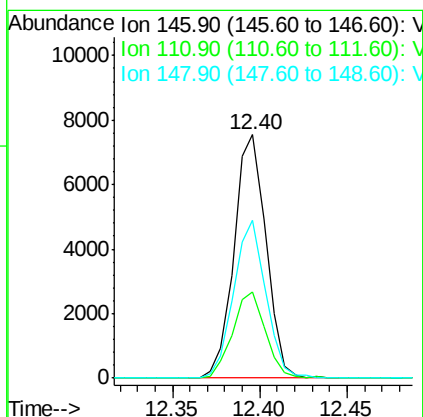
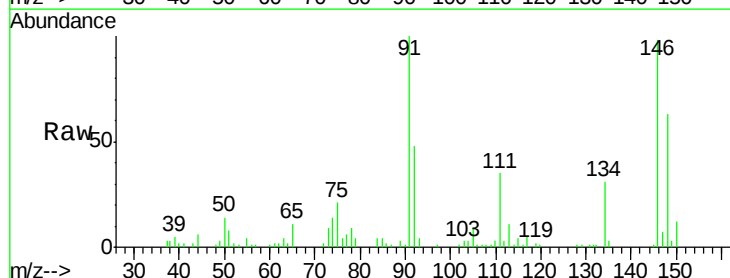
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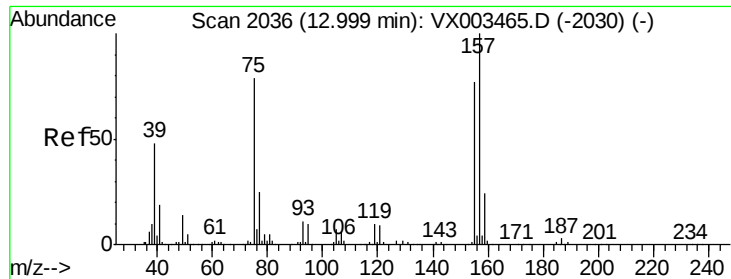
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#91
1,2-Dichlorobenzene
Concen: 1.40 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003462.D
Acq: 19 Jul 2018 13:02

Tgt Ion:146 Resp: 9591
Ion Ratio Lower Upper
146 100
111 36.2 19.4 58.1
148 65.2 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.01 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

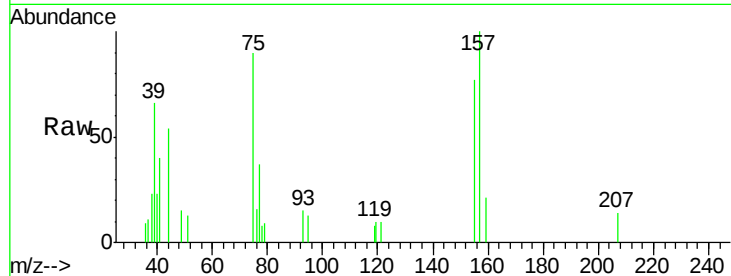
ClientSampleId :

VSTDIC01

Tot Ion:	75	Resp:	833
Ion	Ratio	Lower	Upper
75	100		
155	91.0	45.8	137.4
157	138.2	60.1	180.3

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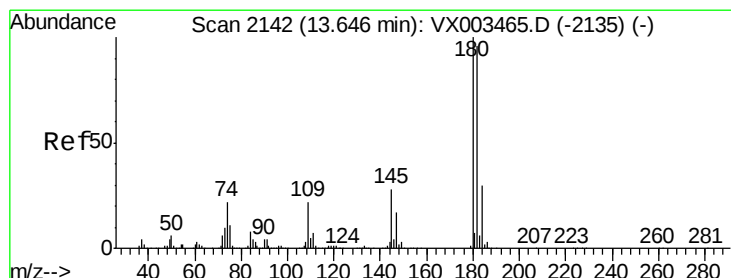
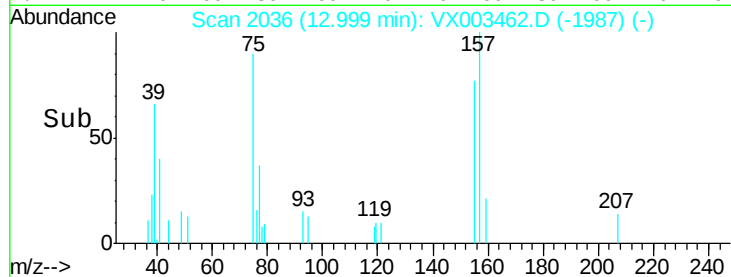


Abundance Ion 74.90 (74.60 to 75.60): VX003465.D (-2030) (-)

Ion 154.80 (154.50 to 155.50): VX003465.D (-2030) (-)

Ion 156.80 (156.50 to 157.50): VX003465.D (-2030) (-)

Time--> 12.95 13.00 13.05



#93

1,2,4-Trichlorobenzene

Concen: 1.35 ug/l

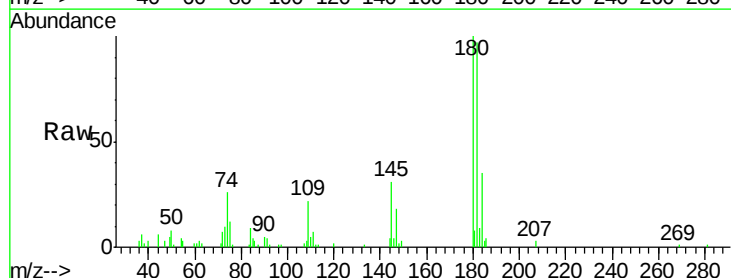
RT: 13.65 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion:	180	Resp:	6695
Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.7	143.1
145	30.8	14.1	42.4

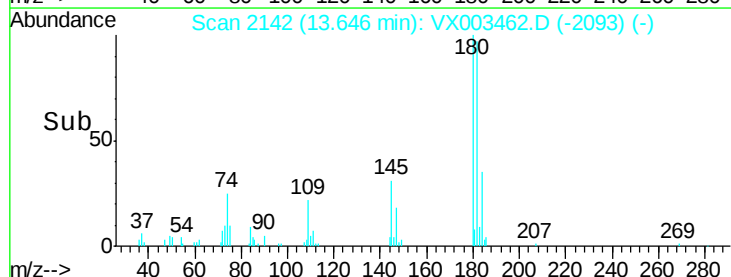


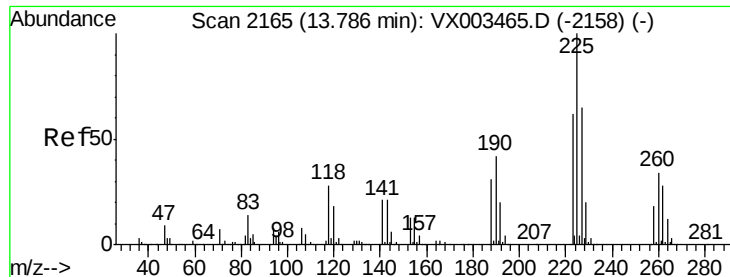
Abundance Ion 179.80 (179.50 to 180.50): VX003465.D (-2135) (-)

Ion 181.80 (181.50 to 182.50): VX003465.D (-2135) (-)

Ion 144.80 (144.50 to 145.50): VX003465.D (-2135) (-)

Time--> 13.60 13.65 13.70





#94

Hexachlorobutadiene

Concen: 1.46 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Instrument :

MSVOA_X

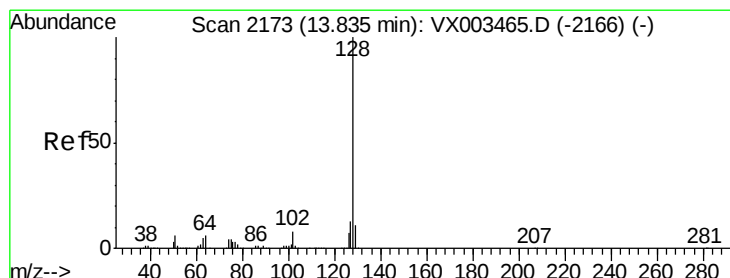
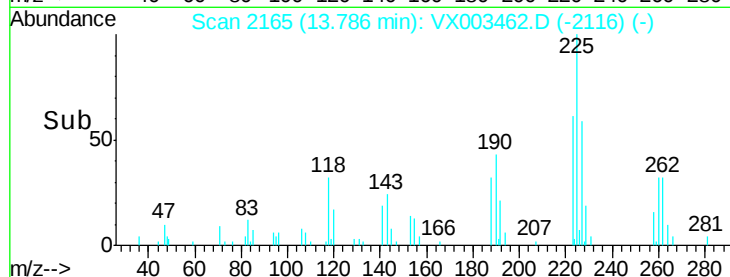
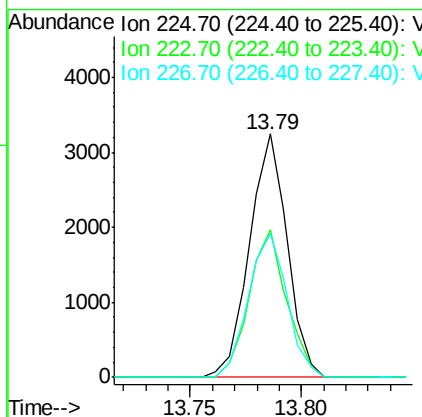
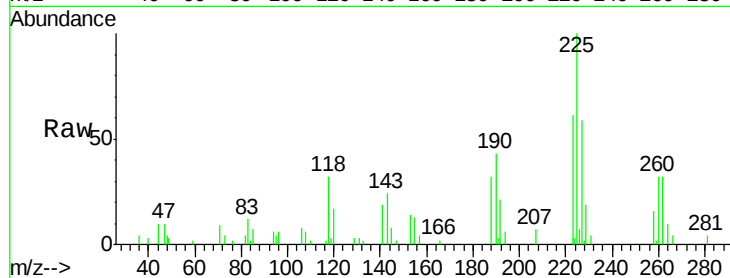
ClientSampled :

VSTDIC01

Tot Ion:	225	Resp:	3820
Ion Ratio	Lower	Upper	
225	100		
223	60.7	31.6	95.0
227	60.8	32.4	97.2

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#95

Naphthalene

Concen: 1.26 ug/l

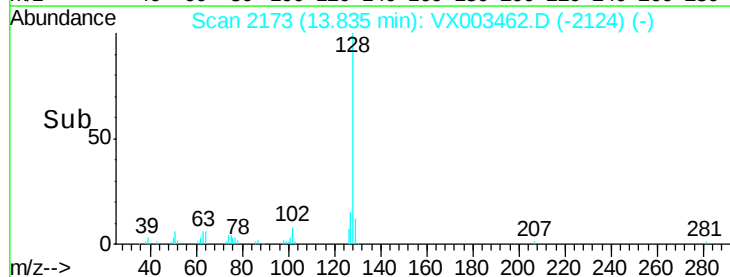
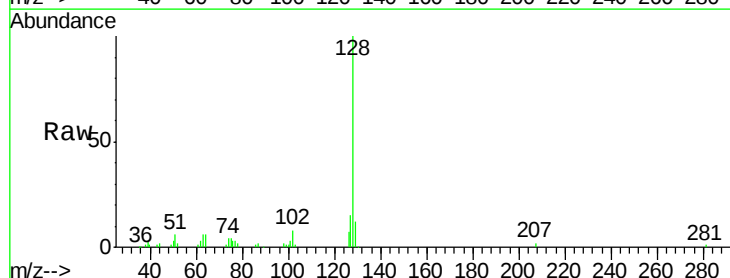
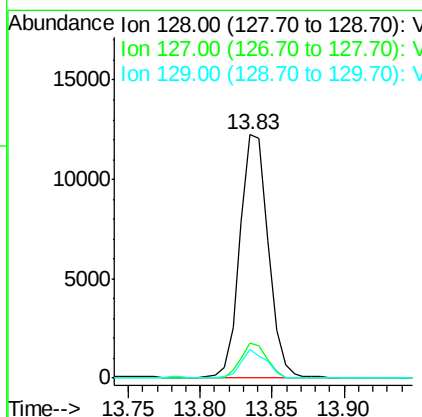
RT: 13.83 min Scan# 2173

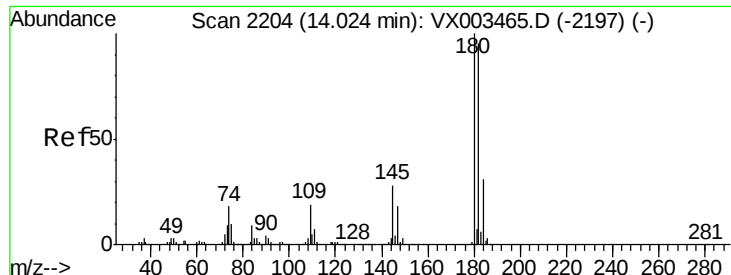
Delta R.T. 0.00 min

Lab File: VX003462.D

Acq: 19 Jul 2018 13:02

Tgt Ion:	128	Resp:	16791
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.5	8.6	13.0





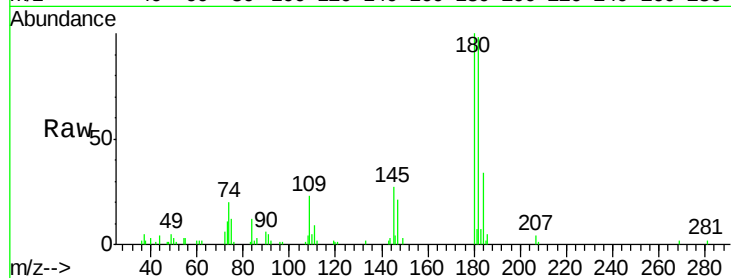
#96
 1,2,3-Trichlorobenzene
 Concen: 1.34 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003462.D
 Acq: 19 Jul 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	6671		
182	100.5		48.0	144.0
145	28.2		14.8	44.3

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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

