

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004197.D
 Acq On : 22 Aug 2018 13:29
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 9:40:10 AM

Quant Time: Aug 23 05:04:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 04:40:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249654	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	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	3774	1.00	ug/l	90
3) Chloromethane	1.32	50	5787	1.32	ug/l	99
4) Vinyl Chloride	1.40	62	4475	1.05	ug/l	98
5) Bromomethane	1.64	94	4589	1.78	ug/l	97
6) Chloroethane	1.73	64	4804	1.47	ug/l #	84
7) Trichlorofluoromethane	1.93	101	6574	1.13	ug/l	94
8) Diethyl Ether	2.19	74	2716	1.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4416	1.21	ug/l	97
12) 1,1-Dichloroethene	2.37	96	4057	1.18	ug/l	96
14) Allyl chloride	2.73	41	6634	1.05	ug/l	96
15) Acrylonitrile	3.15	53	12879	5.76	ug/l	97
16) Acetone	2.45	43	13690	6.81	ug/l	98
17) Carbon Disulfide	2.57	76	14546	1.44	ug/l	100
18) Methyl Acetate	2.78	43	6833	1.09	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	12232	1.08	ug/l	97
20) Methylene Chloride	2.86	84	5196	1.27	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	4893	1.28	ug/l	88
22) Diisopropyl ether	3.87	45	12992	1.10	ug/l	97
23) Vinyl Acetate	3.82	43	49471	5.17	ug/l	100
24) 1,1-Dichloroethane	3.69	63	7538	1.10	ug/l	99
25) 2-Butanone	4.70	43	19668	6.26	ug/l	93
26) 2,2-Dichloropropane	4.58	77	5831	1.08	ug/l	76
27) cis-1,2-Dichloroethene	4.59	96	4901	1.13	ug/l	92
28) Bromochloromethane	5.02	49	3123	1.03	ug/l #	99
29) Tetrahydrofuran	5.17	42	10081	5.54	ug/l	99
30) Chloroform	5.21	83	7722	1.12	ug/l	94
31) Cyclohexane	5.57	56	6269	1.06	ug/l #	93
32) 1,1,1-Trichloroethane	5.49	97	5916	1.03	ug/l #	49
36) 1,1-Dichloropropene	5.79	75	6561	1.20	ug/l	99
37) Ethyl Acetate	4.86	43	5275	0.98	ug/l #	95
38) Carbon Tetrachloride	5.78	117	5320	1.03	ug/l	91
39) Methylcyclohexane	7.46	83	6991	1.12	ug/l	99
40) Benzene	6.14	78	17494	1.07	ug/l	96
41) Methacrylonitrile	5.06	41	3301	1.06	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.20	62	6077	1.09	ug/l	96
43) Isopropyl Acetate	6.46	43	7960	0.96	ug/l	100
44) Trichloroethene	7.21	130	5482	1.21	ug/l	97
45) 1,2-Dichloropropane	7.52	63	4375	1.07	ug/l	91
46) Dibromomethane	7.67	93	3032	1.11	ug/l	92
47) Bromodichloromethane	7.90	83	5011	0.99	ug/l	98
48) Methyl methacrylate	7.78	41	4310	0.97	ug/l	94
49) 1,4-Dioxane	7.76	88	1968	19.59	ug/l #	83
51) 4-Methyl-2-Pentanone	8.65	43	31572	5.26	ug/l	97
52) Toluene	8.79	92	10524	1.03	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	5196	0.93	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	5654	0.93	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4362	1.06	ug/l	95
56) Ethyl methacrylate	9.18	69	4674	0.83	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	7226	1.04	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	12006	4.17	ug/l	99
59) 2-Hexanone	9.50	43	23499	5.13	ug/l	91
60) Dibromochloromethane	9.59	129	3764	0.94	ug/l	95
61) 1,2-Dibromoethane	9.67	107	4386	1.03	ug/l	97
64) Tetrachloroethene	9.34	164	5248	1.21	ug/l	97
65) Chlorobenzene	10.14	112	12857	1.17	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	3628	0.96	ug/l #	66
67) Ethyl Benzene	10.25	91	17825	1.00	ug/l	94
68) m/p-Xylenes	10.36	106	13396	1.92	ug/l	99
69) o-Xylene	10.70	106	6195	0.94	ug/l	95
70) Styrene	10.71	104	9258	0.87	ug/l	96
71) Bromoform	10.86	173	2798	0.92	ug/l #	94
73) Isopropylbenzene	11.02	105	16568	1.01	ug/l	98
74) N-amyl acetate	10.90	43	5864	0.93	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	6402	1.12	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	5381m	1.09	ug/l	
77) Bromobenzene	11.26	156	5233	1.14	ug/l	96
78) n-propylbenzene	11.36	91	18702	0.99	ug/l	99
79) 2-Chlorotoluene	11.42	91	12715	1.10	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	12871	0.95	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	1393	0.89	ug/l #	76
82) 4-Chlorotoluene	11.51	91	14601	1.07	ug/l	97
83) tert-Butylbenzene	11.77	119	12806	0.94	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	12539	0.90	ug/l	99
85) sec-Butylbenzene	11.94	105	15768	0.97	ug/l	100
86) p-Isopropyltoluene	12.07	119	13610	0.94	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	10298	1.19	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	11854m	1.30	ug/l	
89) n-Butylbenzene	12.39	91	12135	1.03	ug/l	96
90) Hexachloroethane	12.60	117	1908	0.94	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	8460	1.07	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1037	1.03	ug/l	85
93) 1,2,4-Trichlorobenzene	13.65	180	7085	1.23	ug/l	97
94) Hexachlorobutadiene	13.79	225	3721	1.32	ug/l	98
95) Naphthalene	13.83	128	14668	0.90	ug/l	99

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VSTDICC001

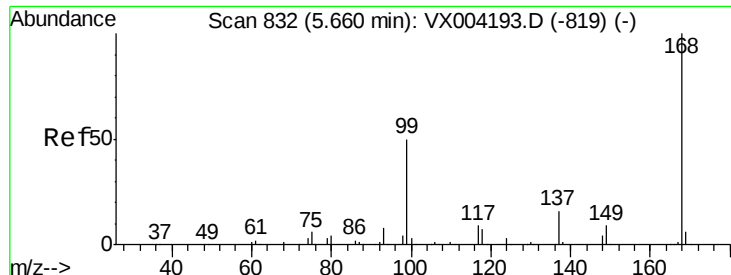
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	6747	1.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 324839

Ion Ratio Lower Upper

168 100

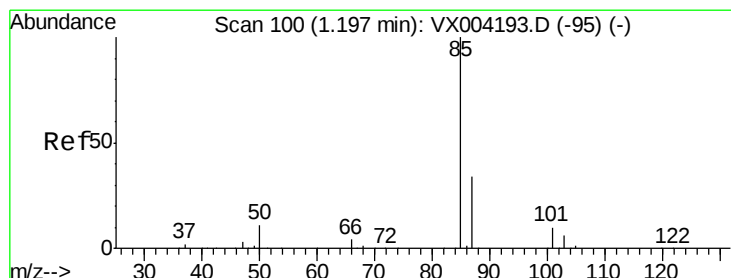
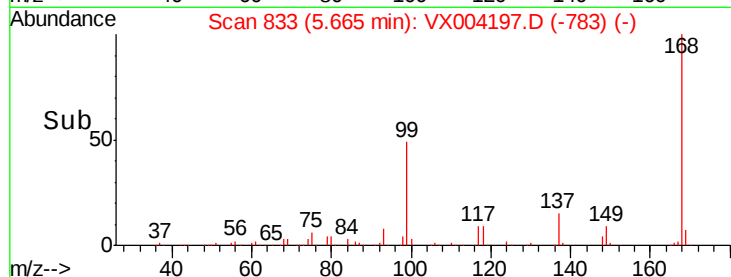
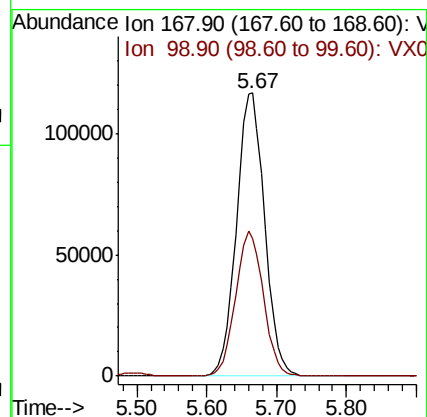
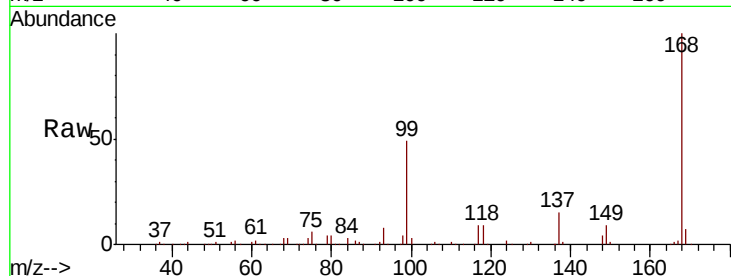
99 48.5 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004197.D

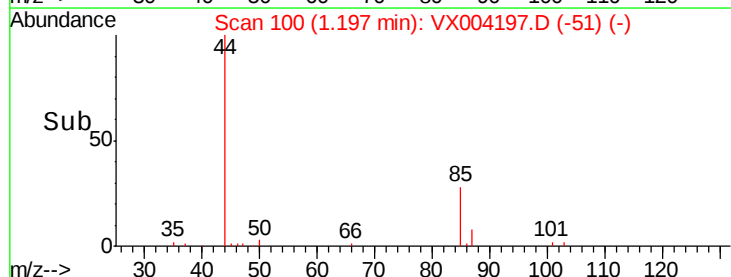
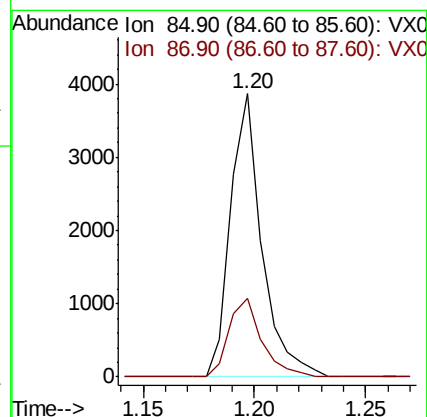
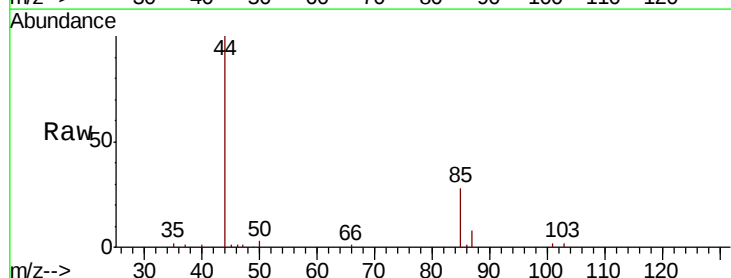
Acq: 22 Aug 2018 13:29

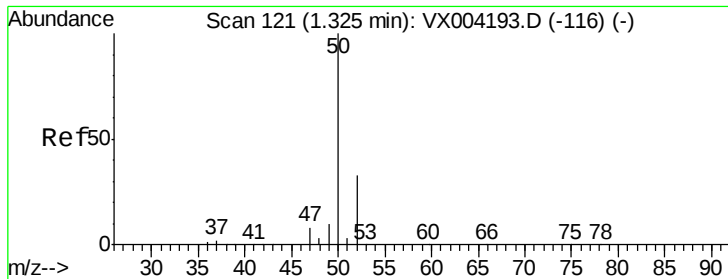
Tgt Ion: 85 Resp: 3774

Ion Ratio Lower Upper

85 100

87 28.0 17.0 50.9





#3

Chloromethane

Concen: 1.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5787

Ion Ratio Lower Upper

50 100

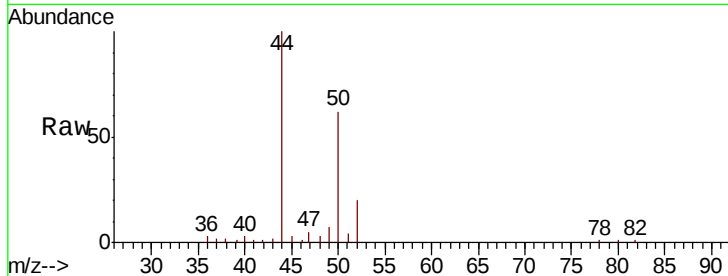
52 33.1 26.2 39.2

Manual Integrations

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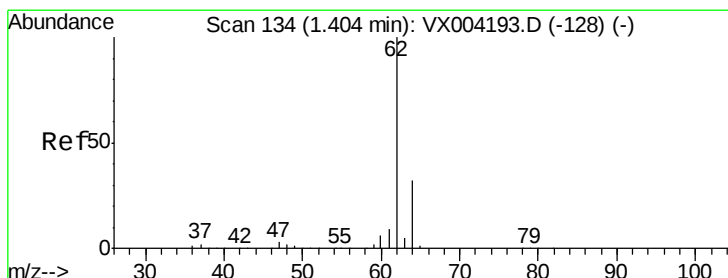
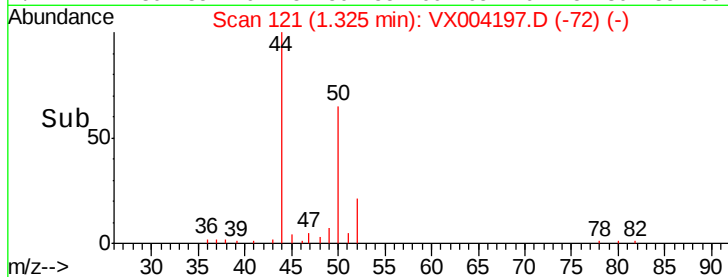
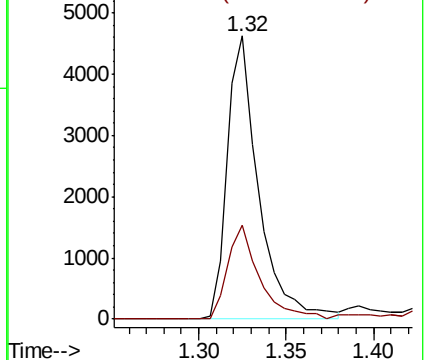
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.05 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004197.D

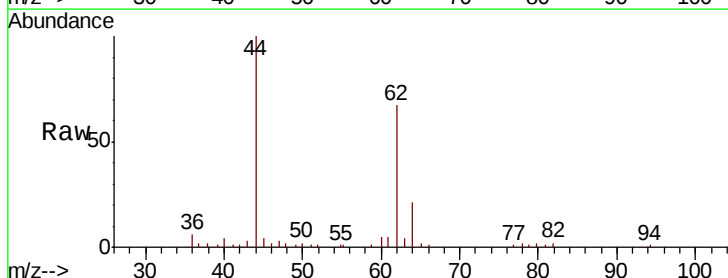
Acq: 22 Aug 2018 13:29

Tgt Ion: 62 Resp: 4475

Ion Ratio Lower Upper

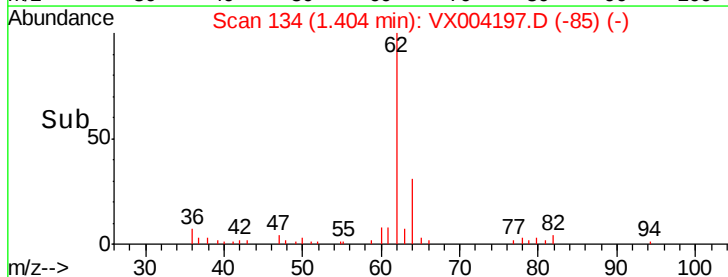
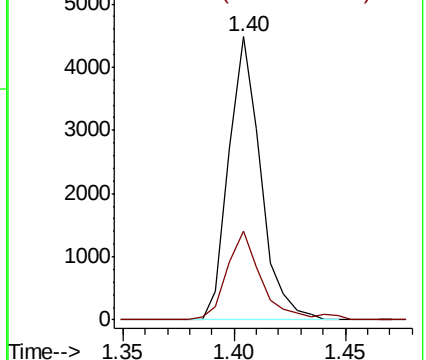
62 100

64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.78 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 4589

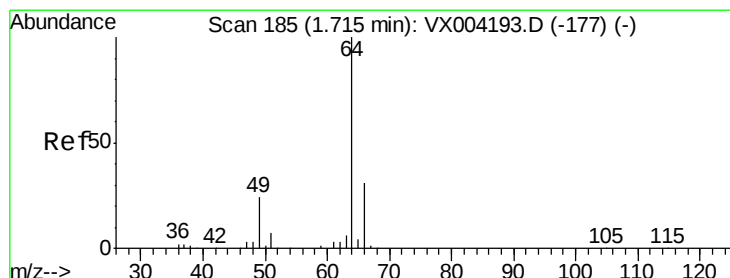
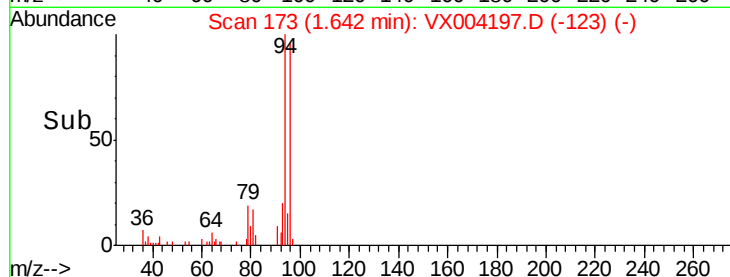
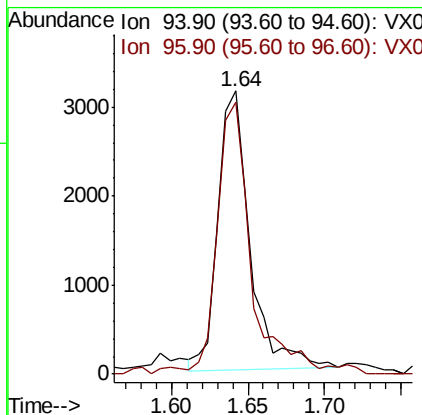
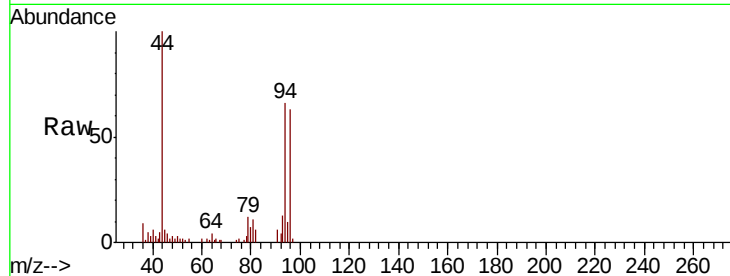
Ion Ratio Lower Upper

94 100

96 96.5 74.5 111.7

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#6

Chloroethane

Concen: 1.47 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004197.D

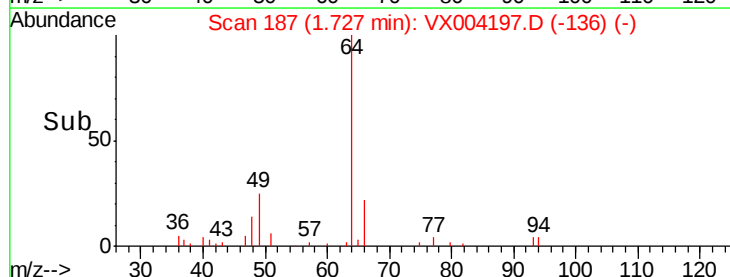
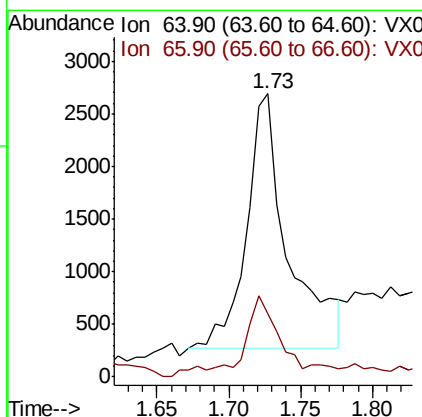
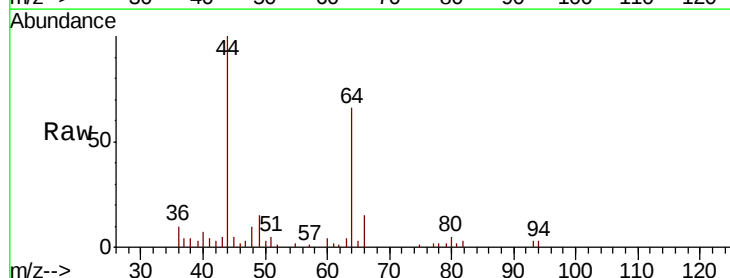
Acq: 22 Aug 2018 13:29

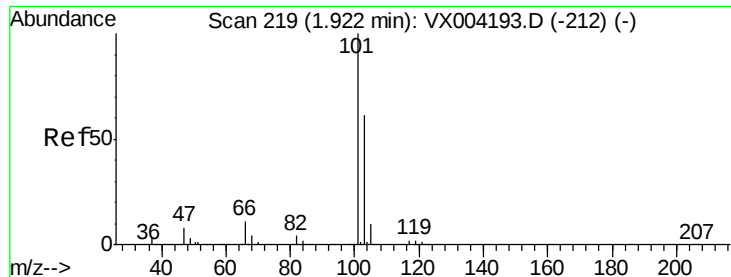
Tgt Ion: 64 Resp: 4804

Ion Ratio Lower Upper

64 100

66 22.0 24.6 36.8#





#7

Trichlorofluoromethane

Concen: 1.13 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:101 Resp: 6574

Ion Ratio Lower Upper

101 100

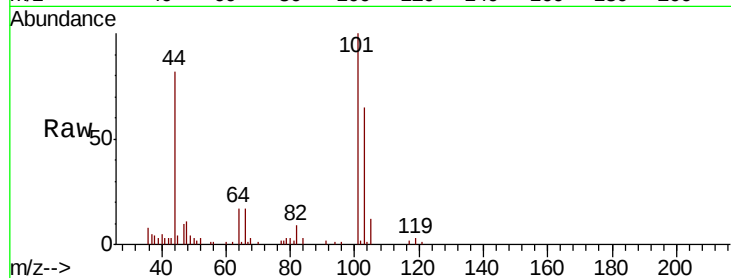
103 65.4 48.9 73.3

Manual Integrations

APPROVED

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8/23/2018 9:40:10 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

5000

4000

3000

2000

1000

0

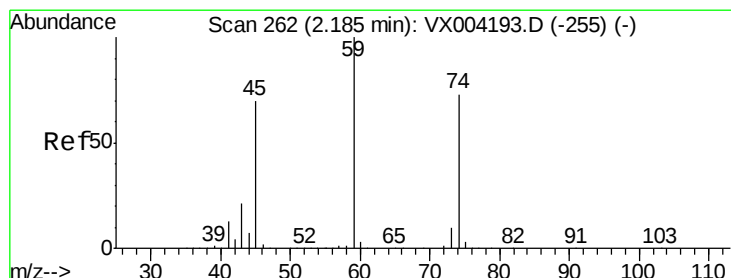
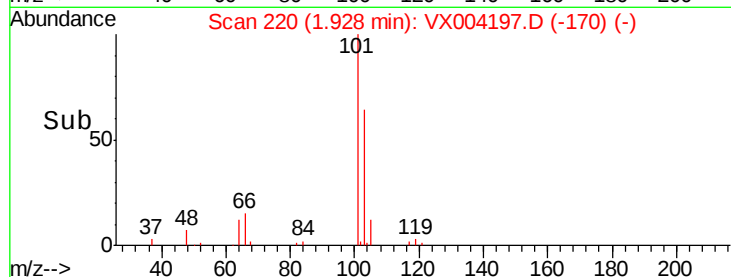
Time-->

1.85

1.90

1.95

2.00



#8

Diethyl Ether

Concen: 1.09 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.01 min

Lab File: VX004197.D

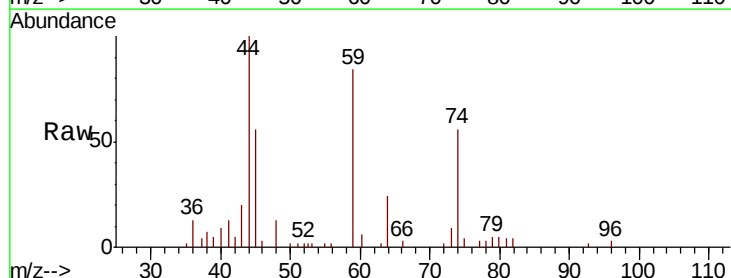
Acq: 22 Aug 2018 13:29

Tgt Ion: 74 Resp: 2716

Ion Ratio Lower Upper

74 100

45 95.6 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

2000

1500

1000

500

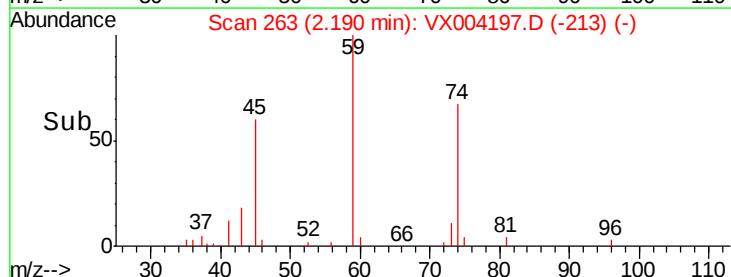
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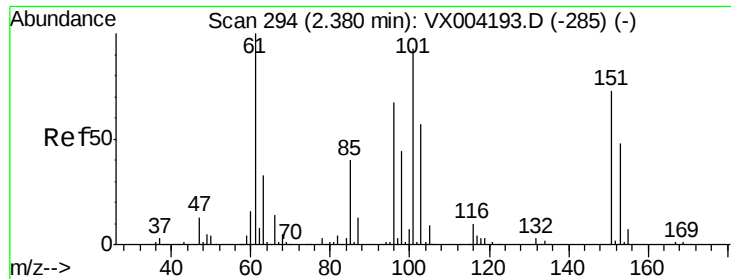
Time-->

2.15

2.20

2.25





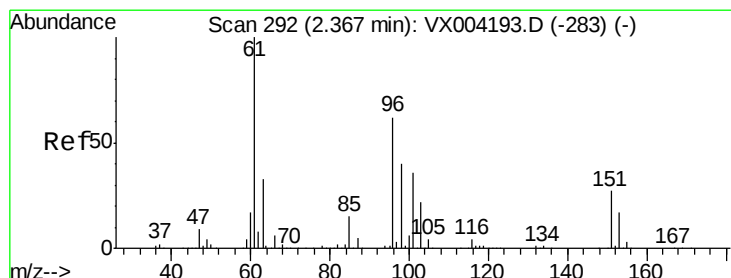
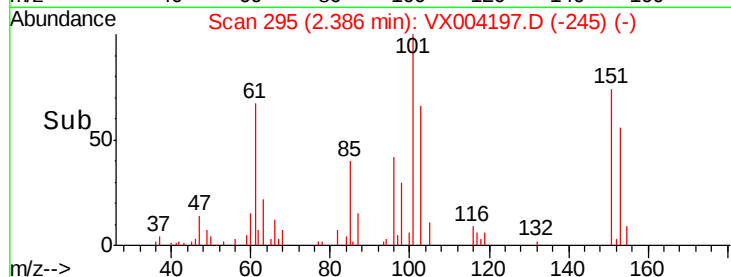
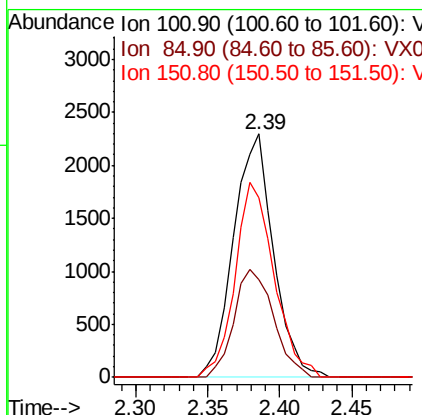
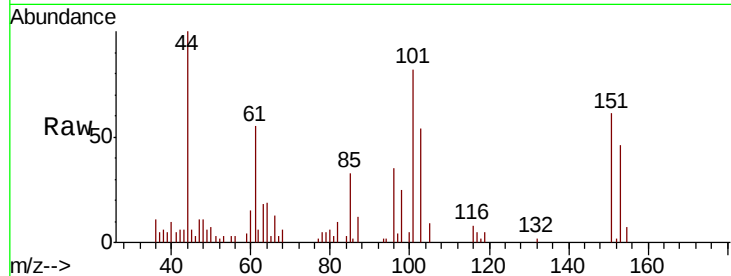
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1,1,2-Trichlorotrifluoroethane
Concen: 1.21 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX004197.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.2	51.4
151	78.2	65.0	97.6

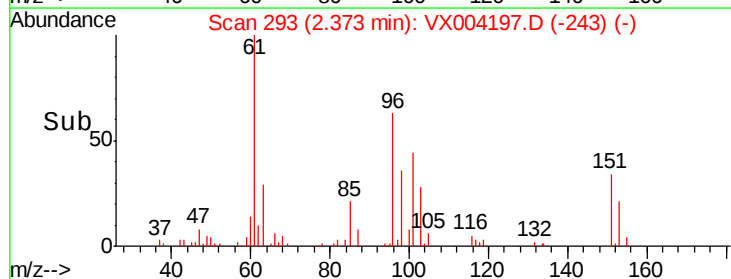
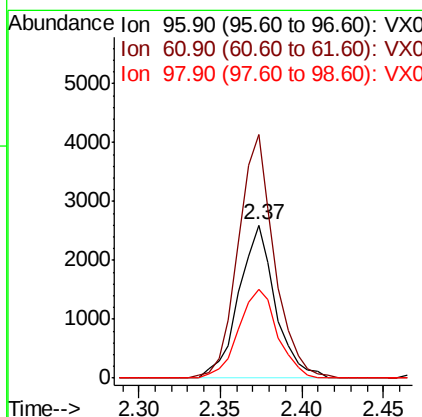
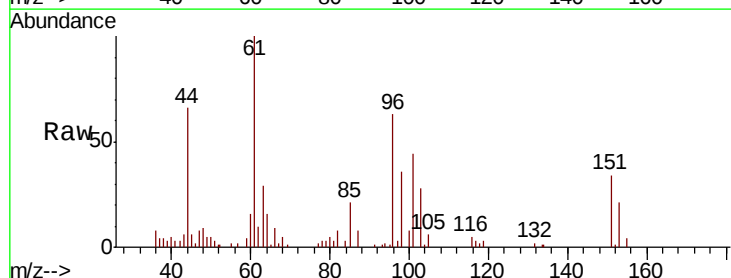
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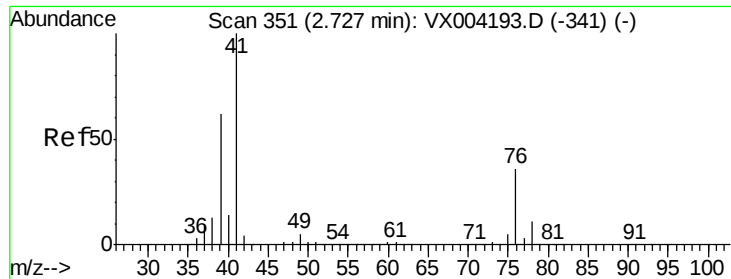
MMDadoda
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#12
1,1-Dichloroethene
Concen: 1.18 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	128.8	193.2
98	57.9	52.2	78.2





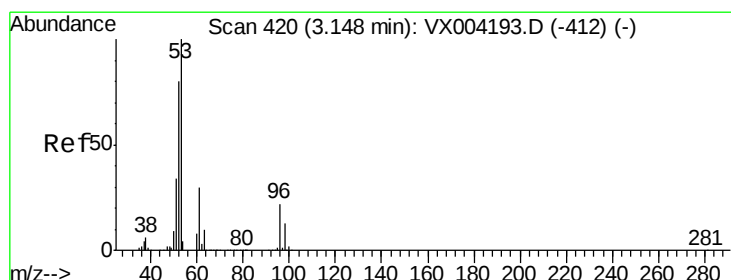
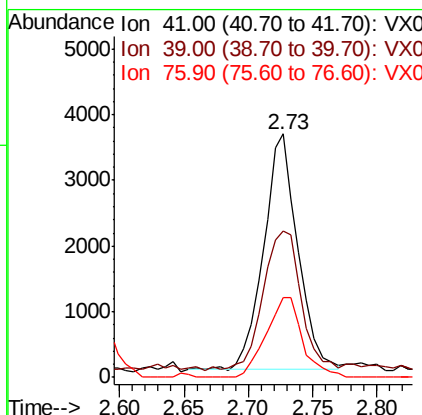
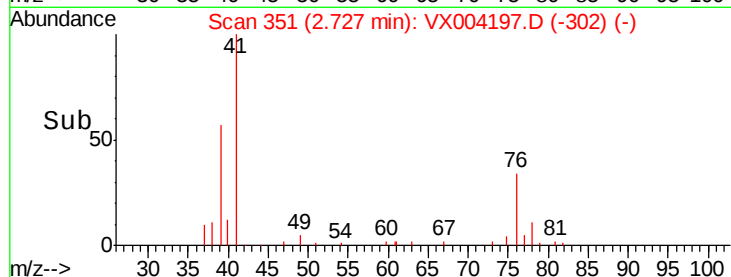
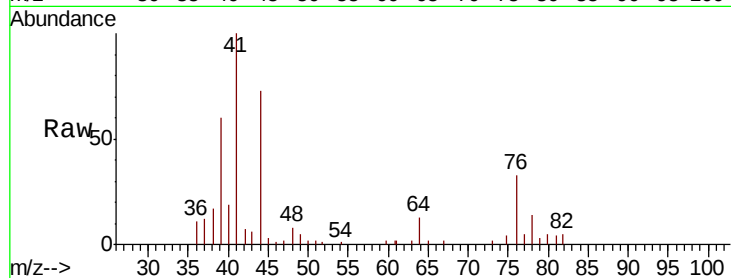
#14
Allvl chloride
Concen: 1.05 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	6634
Ion	Ratio	Lower	Upper
41	100		
39	64.1	48.9	73.3
76	36.0	26.7	40.1

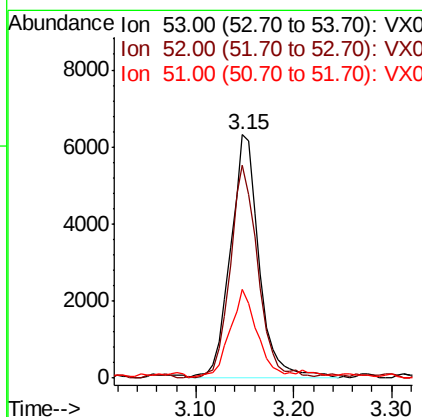
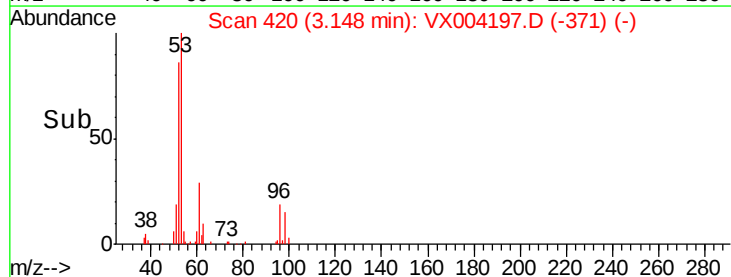
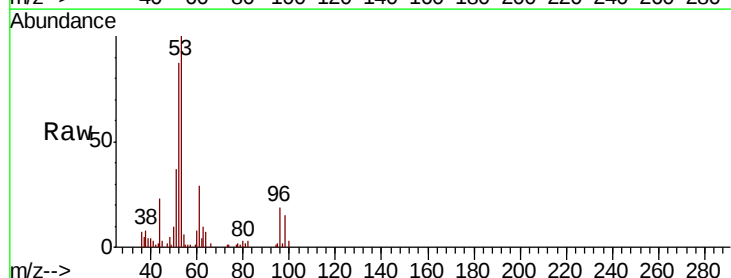
Manual Integrations
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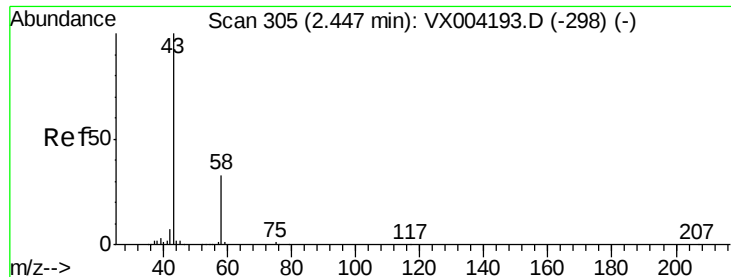
MMDadoda
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#15
Acrylonitrile
Concen: 5.76 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:	53	Resp:	12879
Ion	Ratio	Lower	Upper
53	100		
52	84.5	65.2	97.8
51	35.7	28.2	42.2





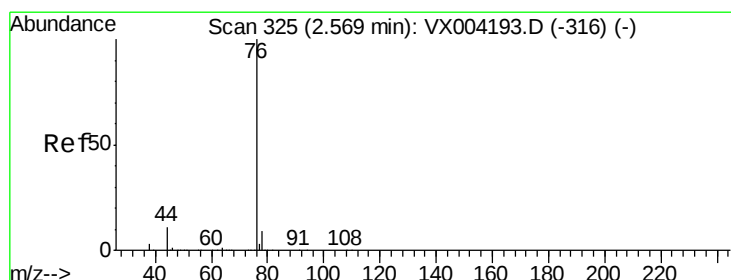
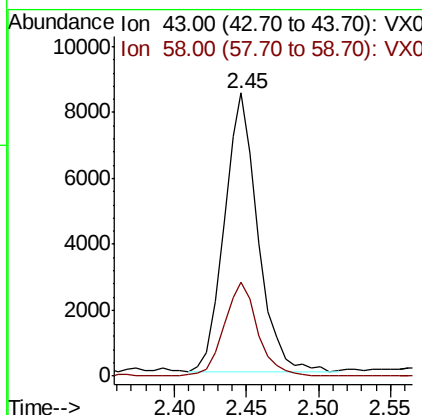
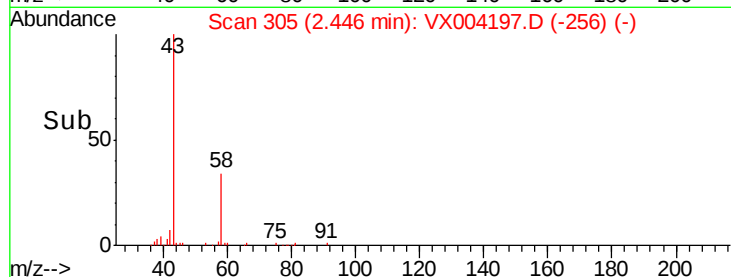
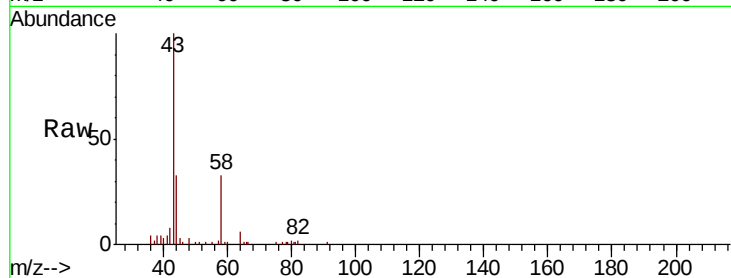
#16
Acetone
Concen: 6.81 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	13690
Ion Ratio	Lower	Upper	
43	100		
58	33.8	26.2	39.4

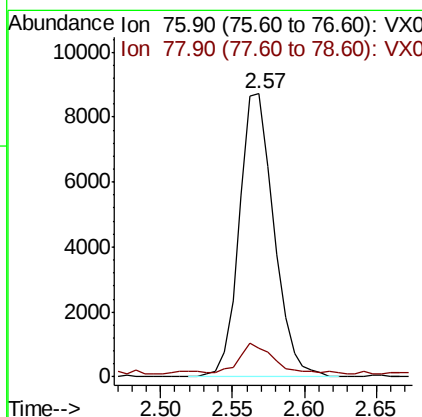
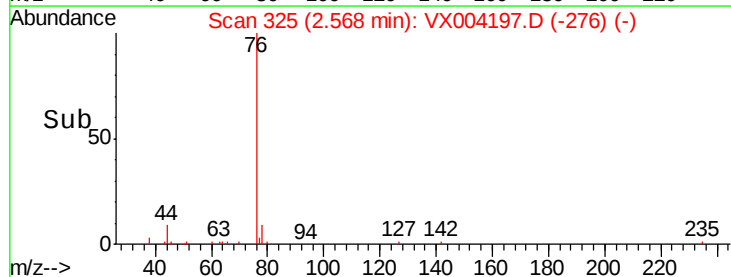
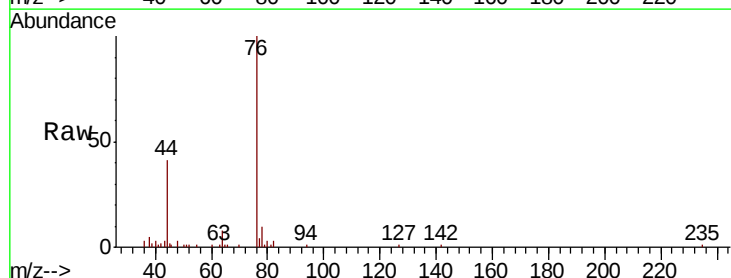
Manual Integrations
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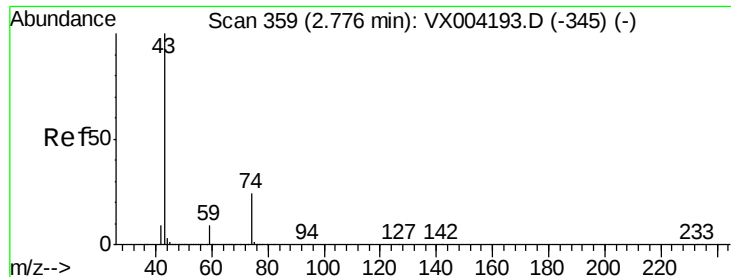
MMDadoda
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#17
Carbon Disulfide
Concen: 1.44 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	76	Resp	14546
Ion Ratio	Lower	Upper	
76	100		
78	8.9	7.0	10.6





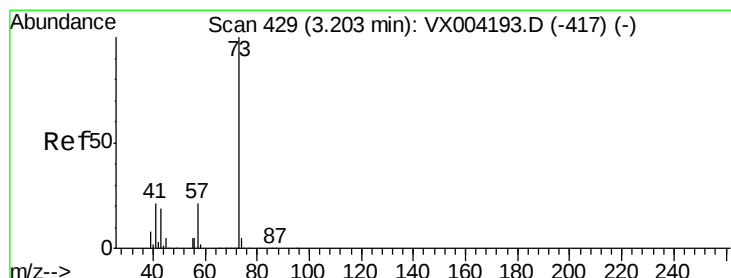
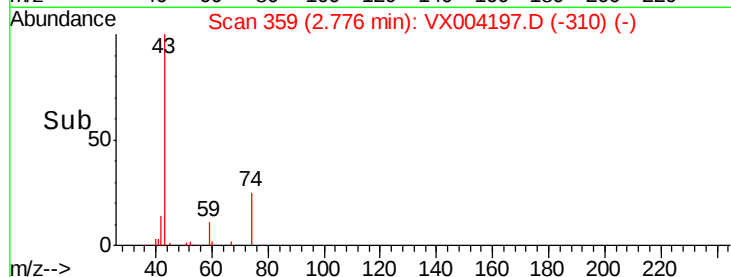
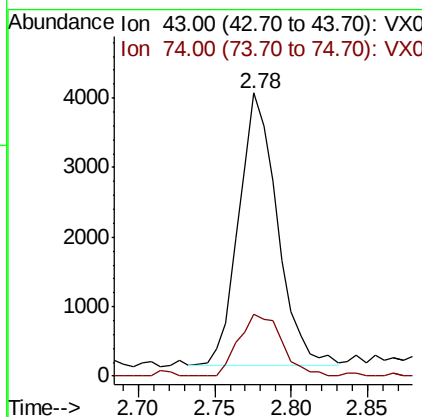
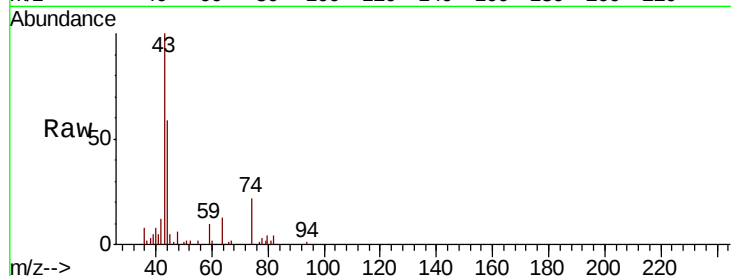
#18
Methvl Acetate
Concen: 1.09 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	6833
Ion Ratio	Lower	Upper	
43	100		
74	25.5	19.4	29.2

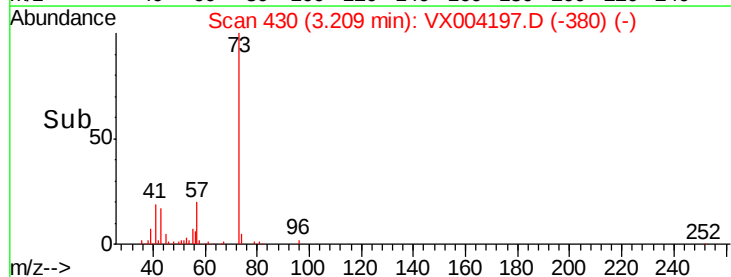
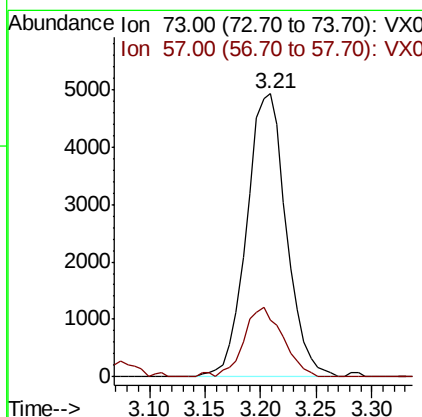
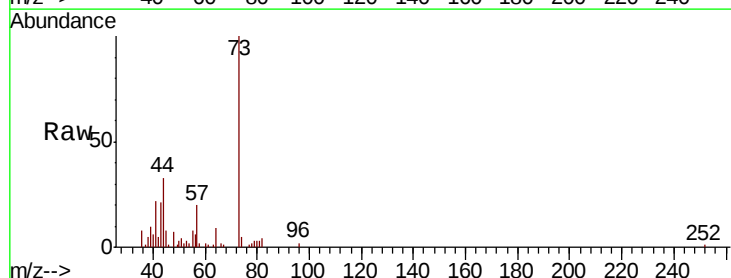
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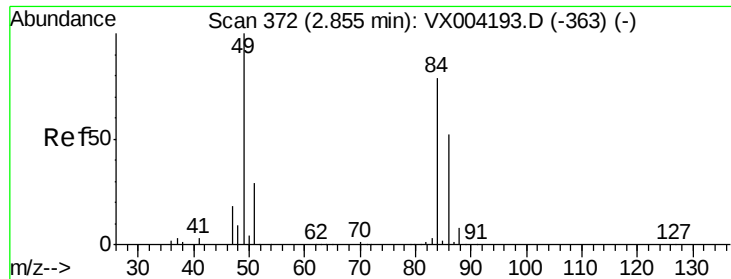
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#19
Methyl tert-butyl Ether
Concen: 1.08 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	73	Resp	12232
Ion Ratio	Lower	Upper	
73	100		
57	20.2	17.1	25.7





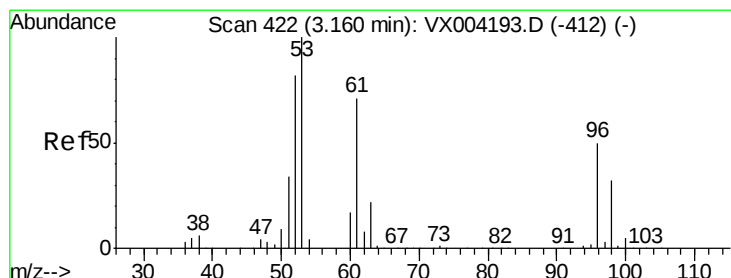
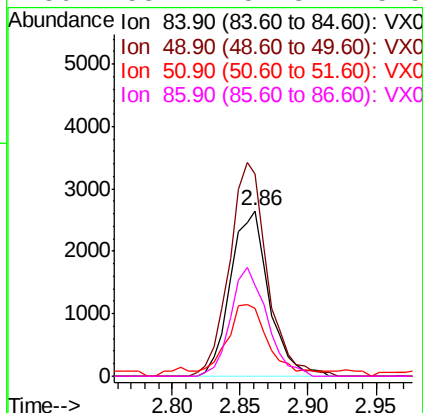
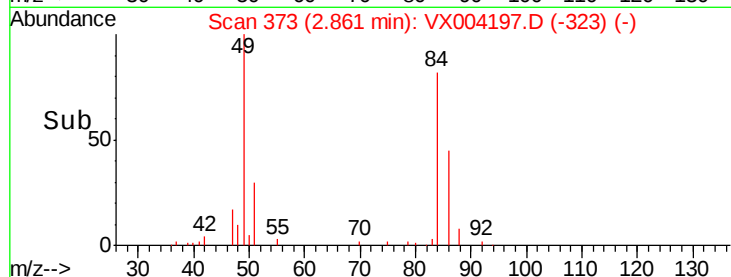
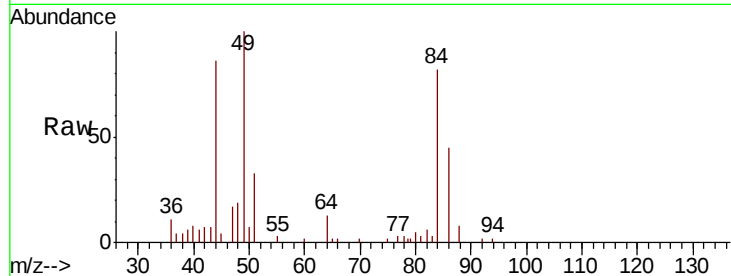
#20
Methvlene Chloride
Concen: 1.27 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	5196
Ion	Ratio	Lower	Upper
84	100		
49	122.0	101.2	151.8
51	37.4	29.5	44.3
86	55.1	52.3	78.5

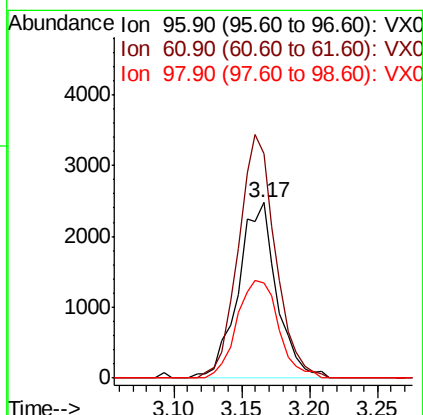
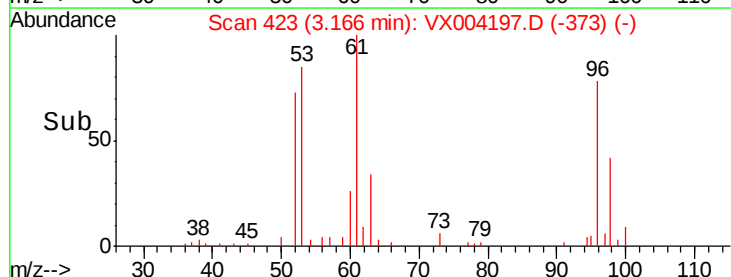
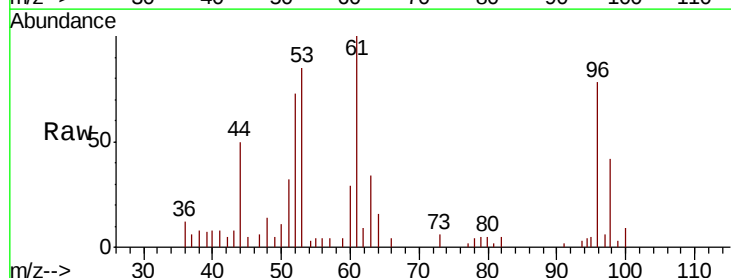
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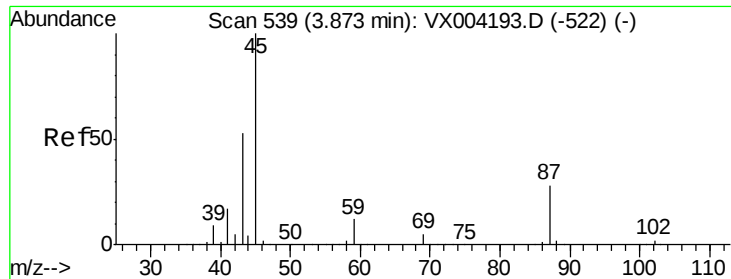
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 1.28 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:	96	Resp:	4893
Ion	Ratio	Lower	Upper
96	100		
61	127.9	113.8	170.6
98	54.1	51.8	77.8





#22

Diisopropyl ether

Concen: 1.10 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

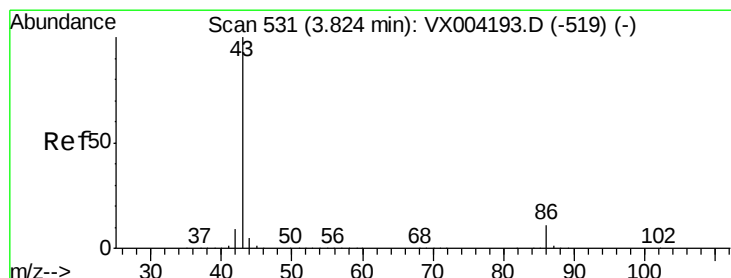
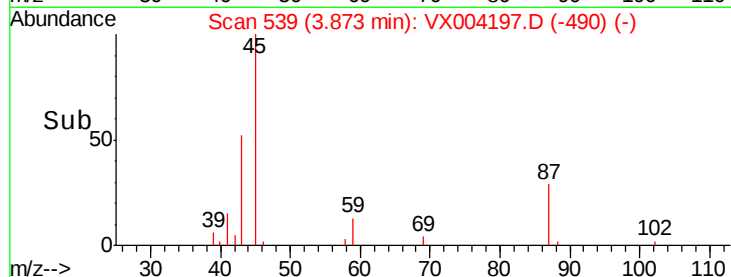
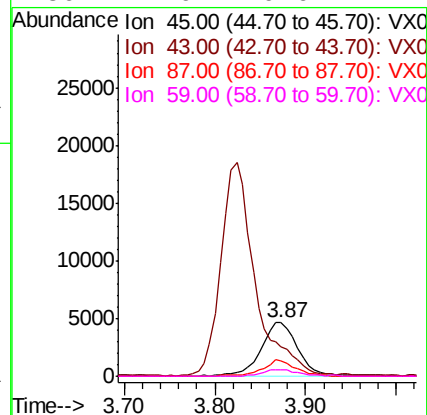
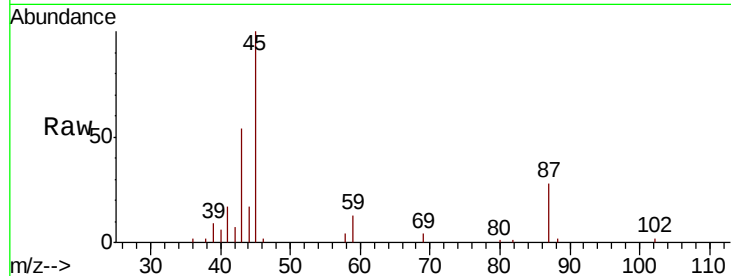
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	12992
Ion	Ratio	Lower	Upper
45	100		
43	50.2	42.8	64.2
87	28.2	22.6	34.0
59	12.9	9.6	14.4

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#23

Vinyl Acetate

Concen: 5.17 ug/l

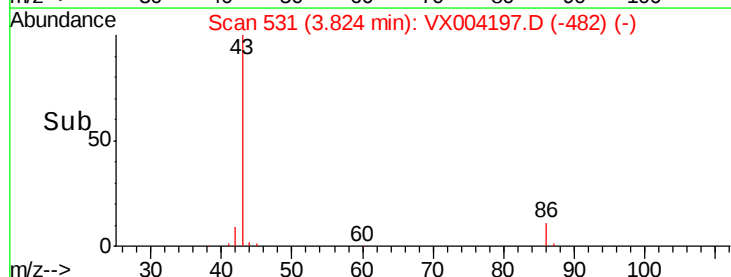
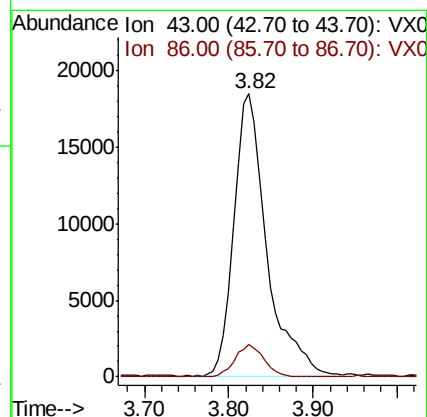
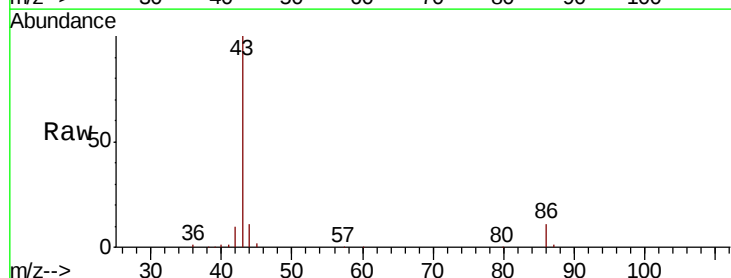
RT: 3.82 min Scan# 531

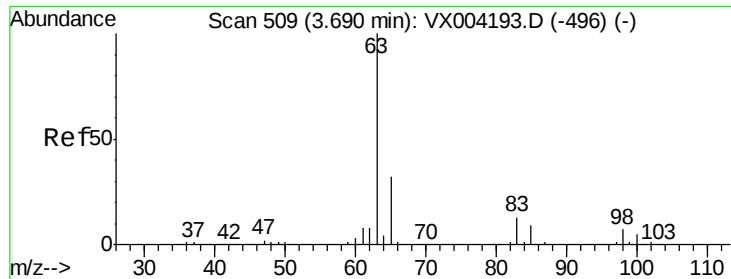
Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion:	43	Resp:	49471
Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.9	13.3





#24

1,1-Dichloroethane

Concen: 1.10 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

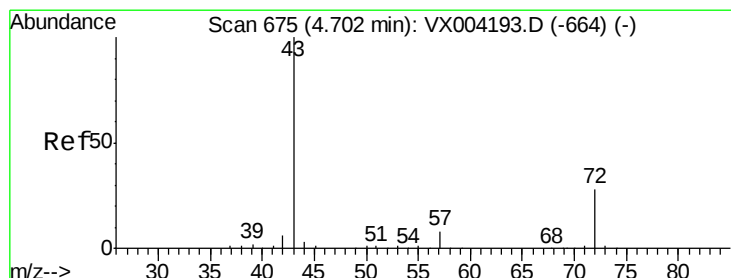
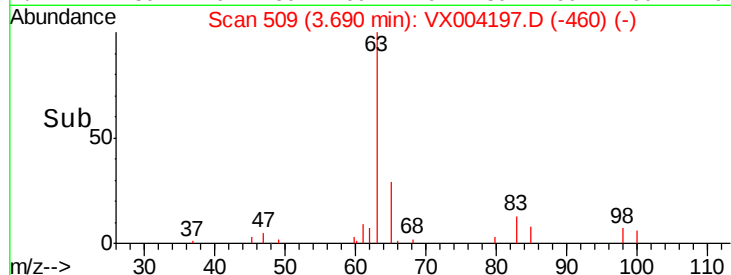
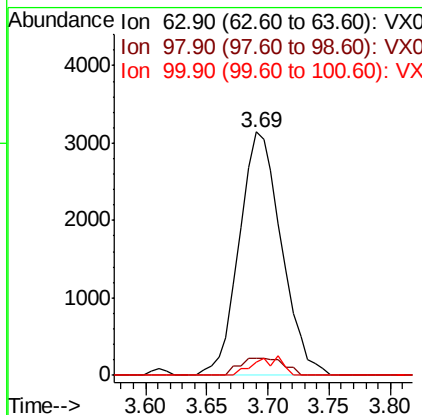
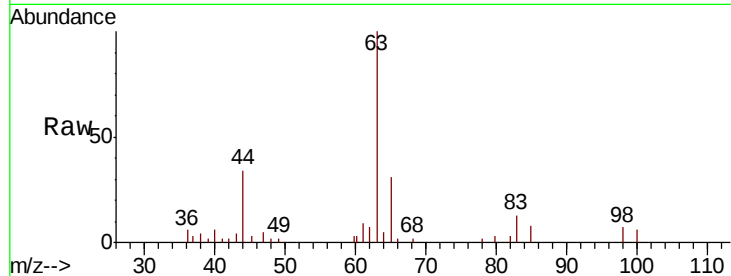
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	7538
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.4
100	5.5	2.4	7.1

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#25

2-Butanone

Concen: 6.26 ug/l

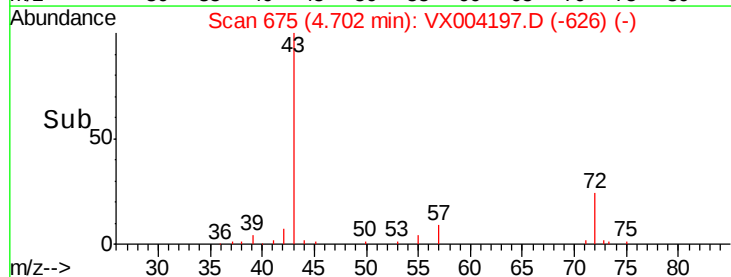
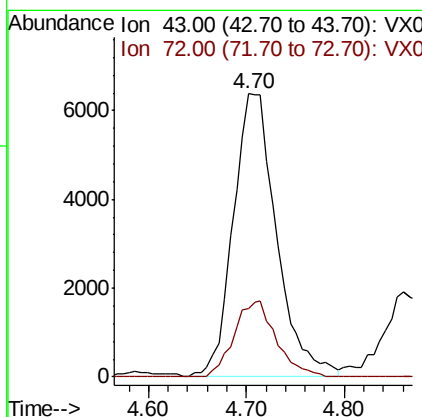
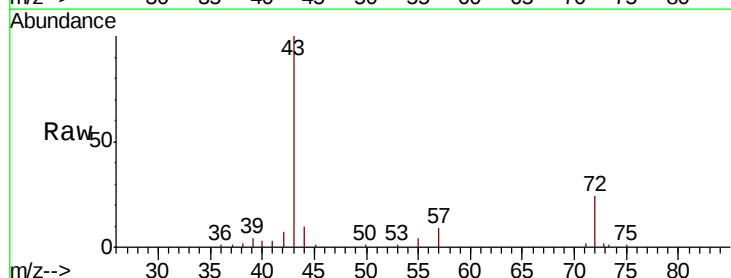
RT: 4.70 min Scan# 675

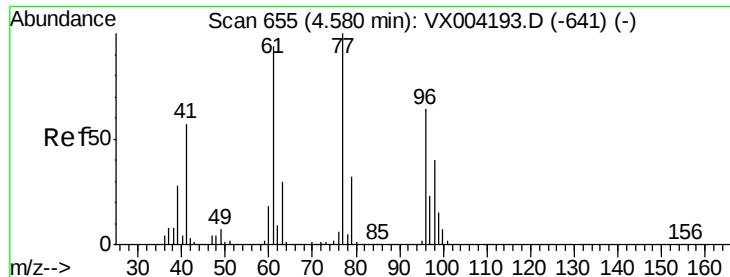
Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion:	43	Resp:	19668
Ion	Ratio	Lower	Upper
43	100		
72	24.0	22.0	33.0





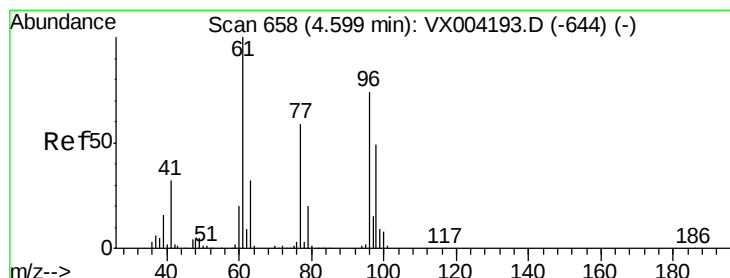
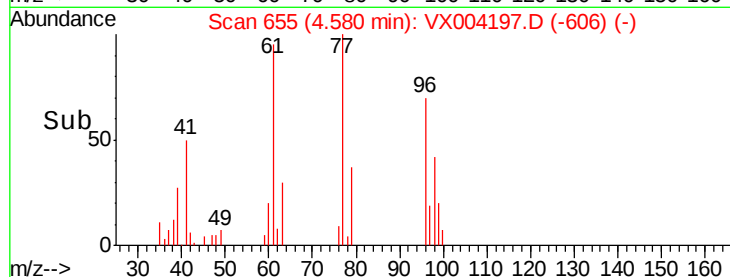
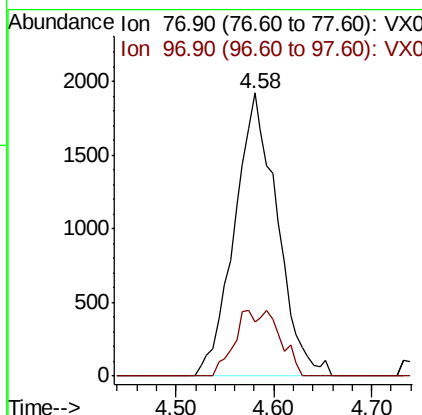
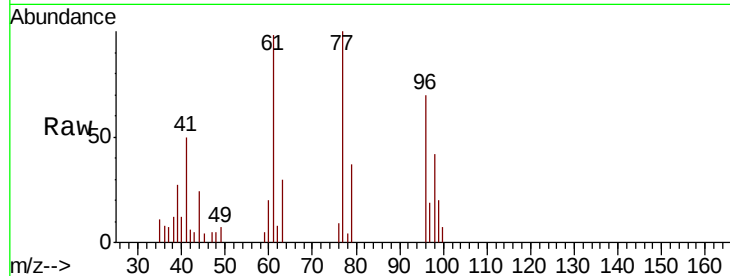
#26
 2,2-Dichloropropane
 Concen: 1.08 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
77	100		
97	11.8	11.7	35.0

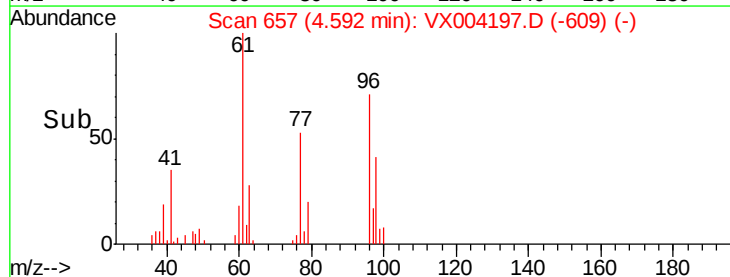
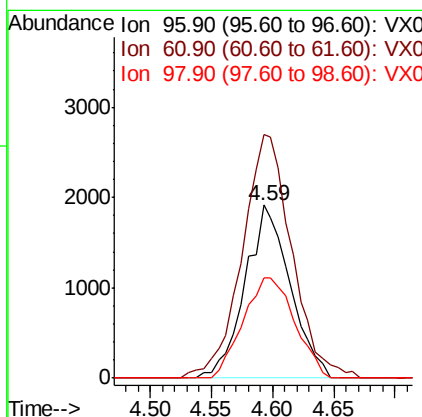
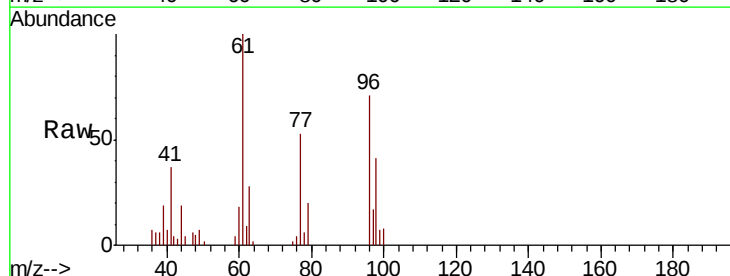
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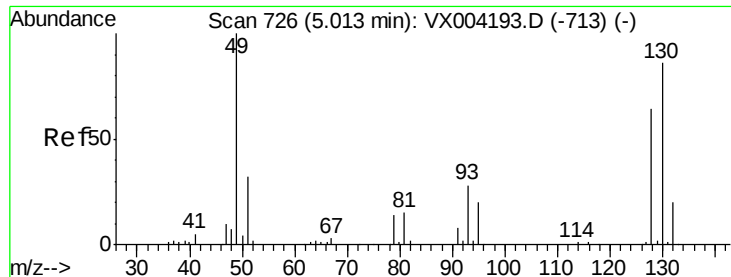
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 8/23/2018 9:40:10 AM



#27
 cis-1,2-Dichloroethene
 Concen: 1.13 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	282.6
98	66.1	0.0	130.2





#28

Bromochloromethane

Concen: 1.03 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

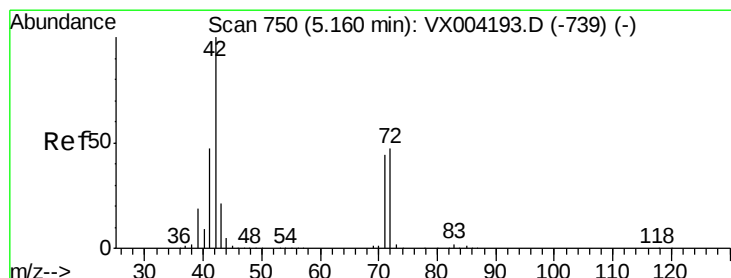
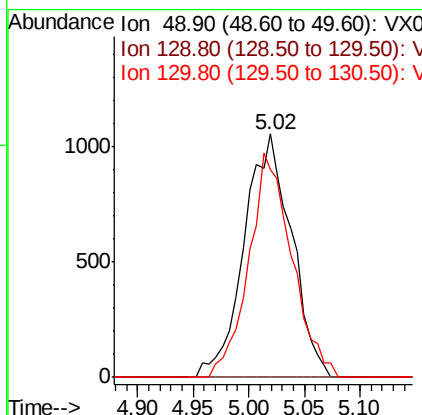
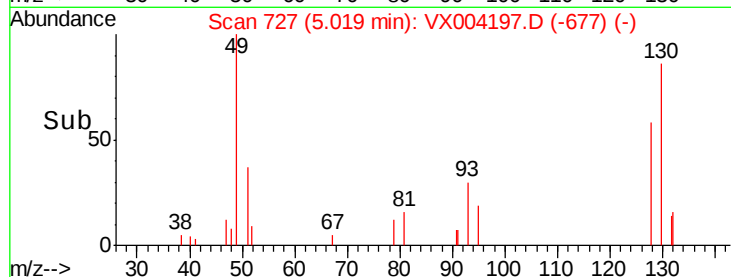
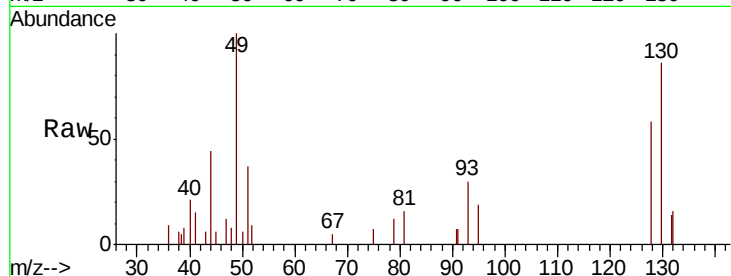
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	83.8	67.5	101.3

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#29

Tetrahydrofuran

Concen: 5.54 ug/l

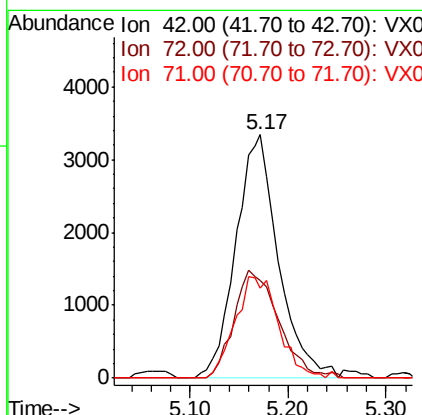
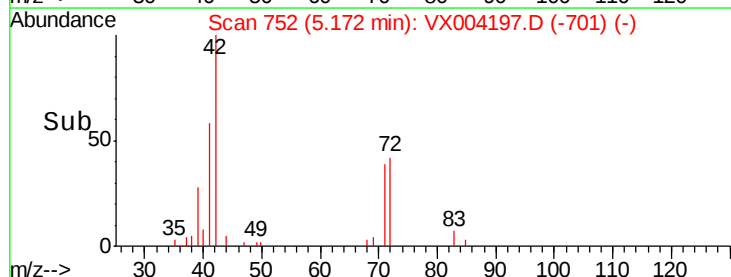
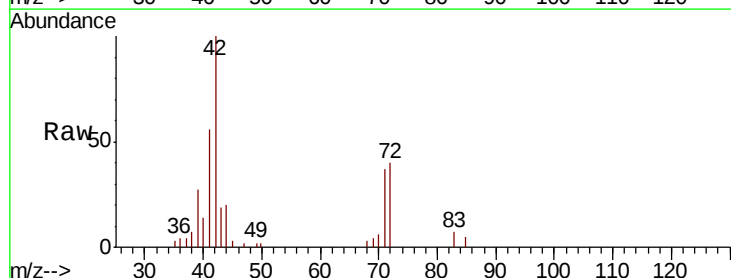
RT: 5.17 min Scan# 752

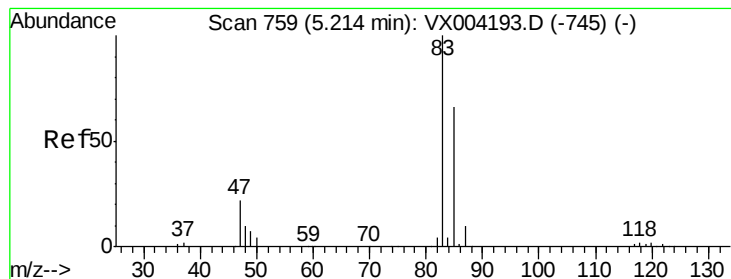
Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.0
71	42.1	34.5	51.7





#30

Chloroform

Concen: 1.12 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 83 Resp: 7722

Ion Ratio Lower Upper

83 100

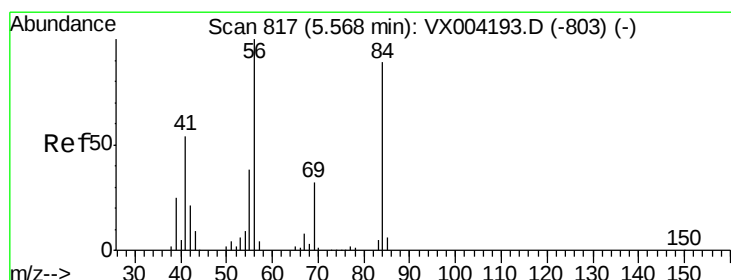
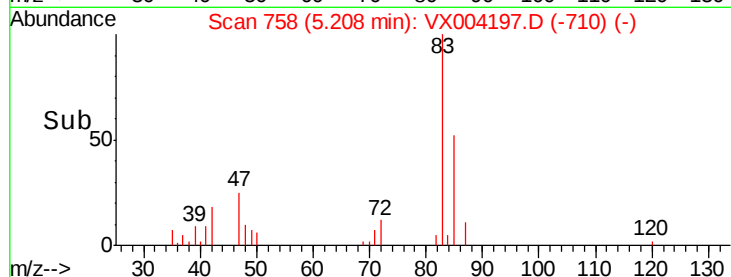
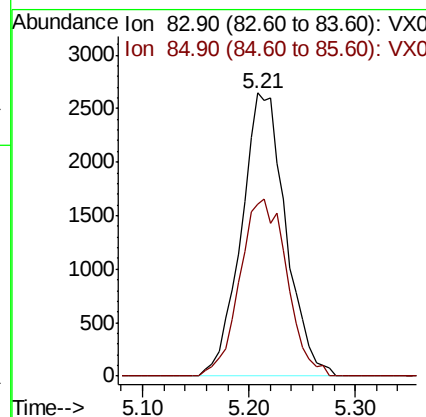
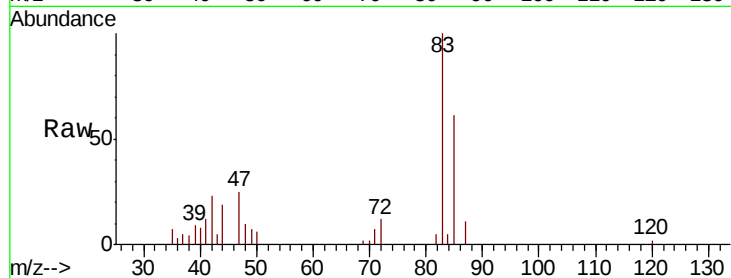
85 60.7 52.6 79.0

Manual Integrations

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#31

Cyclohexane

Concen: 1.06 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

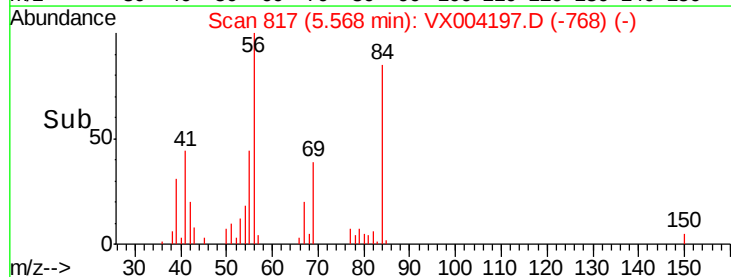
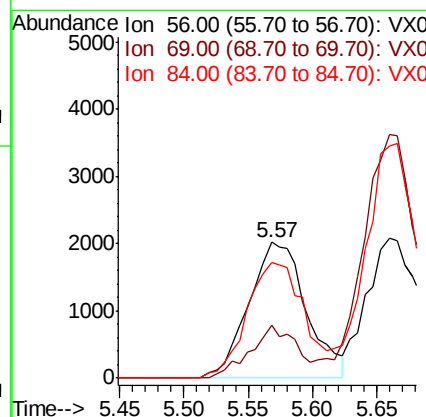
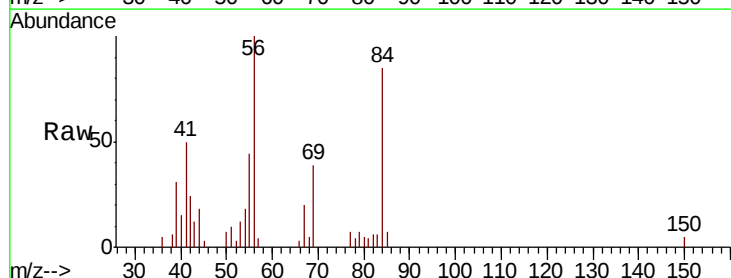
Tgt Ion: 56 Resp: 6269

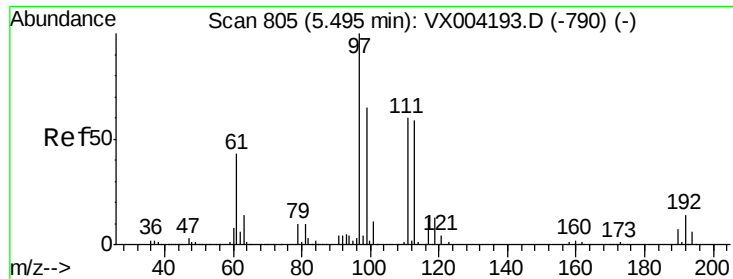
Ion Ratio Lower Upper

56 100

69 38.9 25.4 38.2#

84 84.9 71.4 107.2





#32

1,1,1-Trichloroethane

Concen: 1.03 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

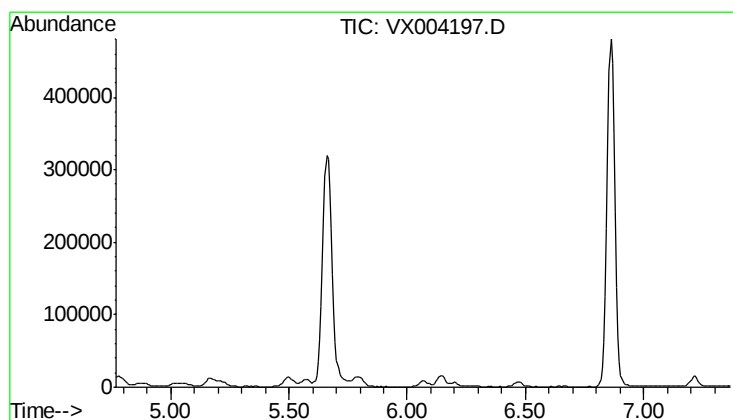
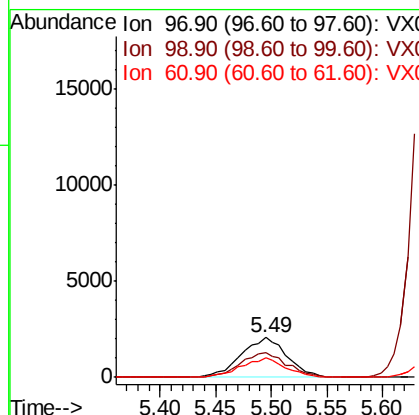
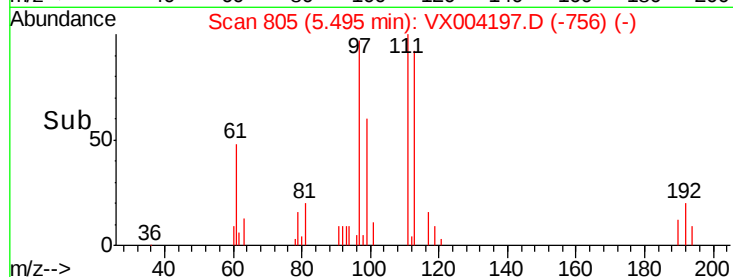
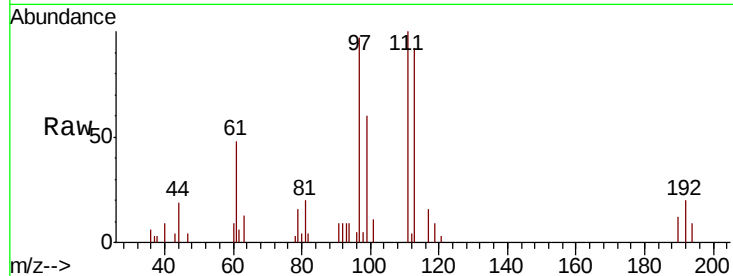
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		5916		
99	0.0	52.0	78.0#		
61	46.4	34.9	52.3		

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX004197.D

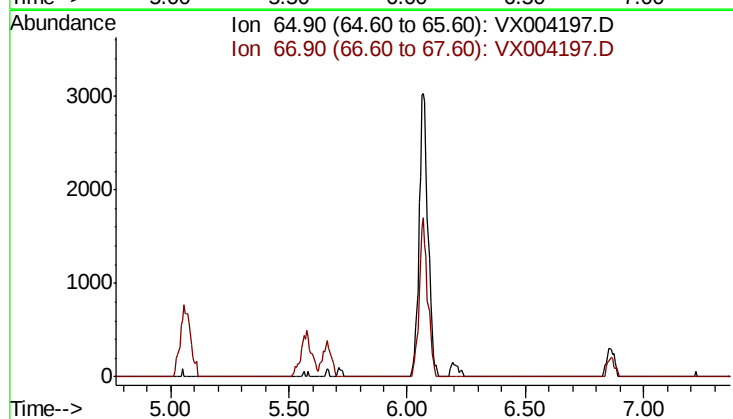
Acq: 22 Aug 2018 13:29

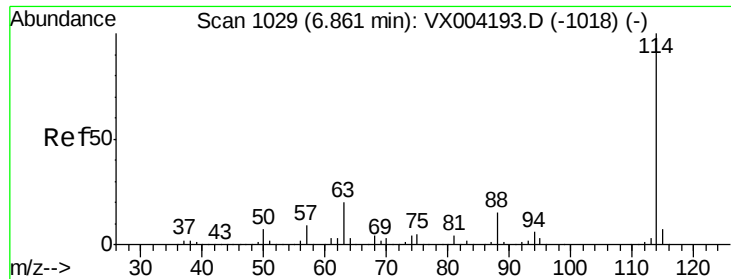
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

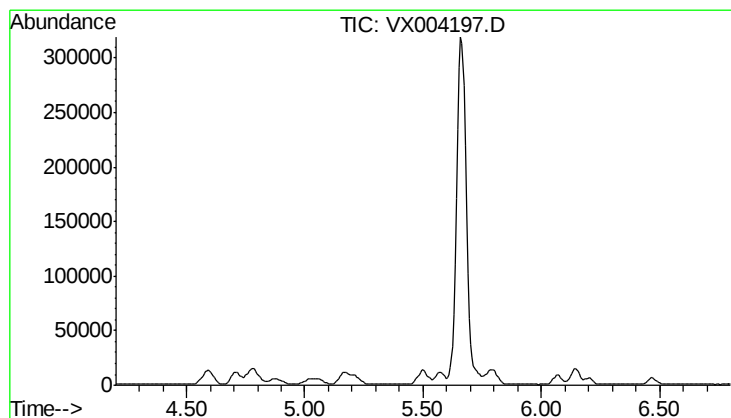
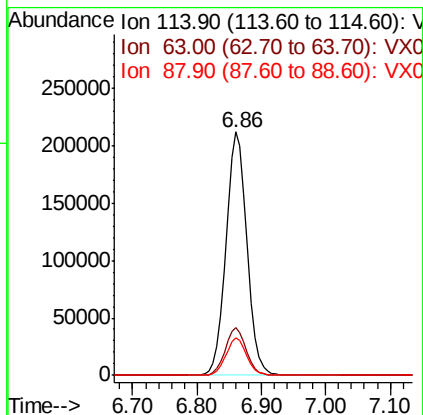
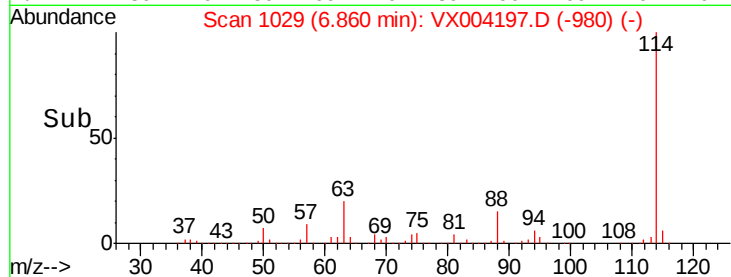
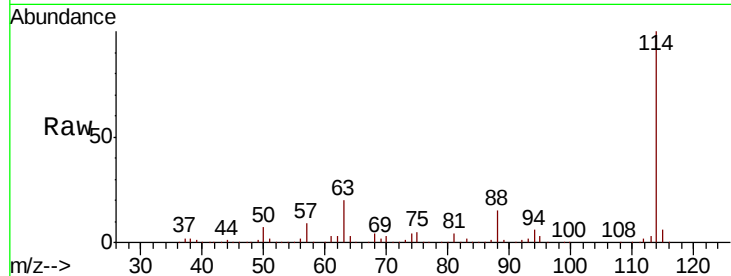
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	486654
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	39.0
88	15.4	0.0	30.4

Manual Integrations
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#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 5.50 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

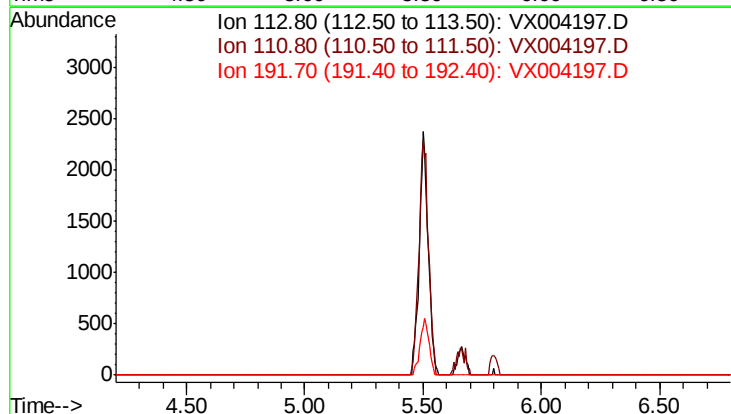
Tgt Ion: 113

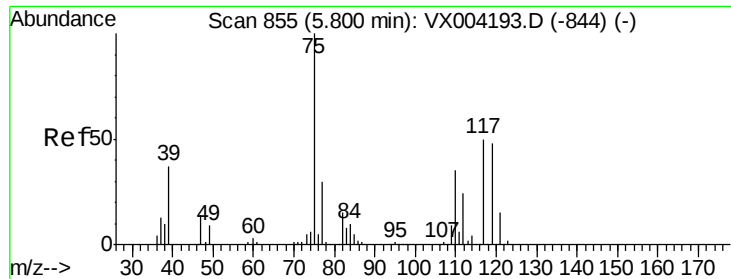
Sig Exp Ratio

113 100

111 103.0

192 24.3





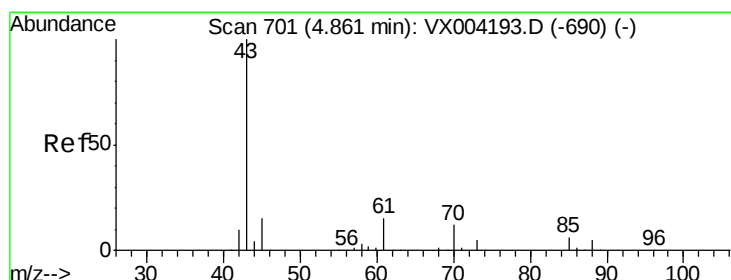
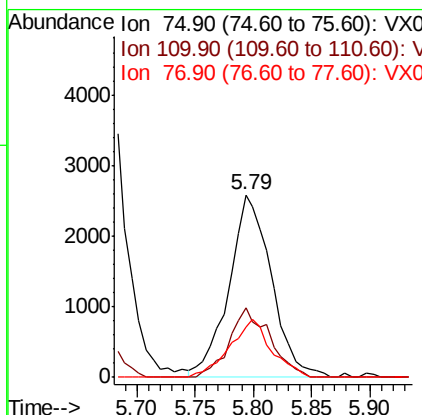
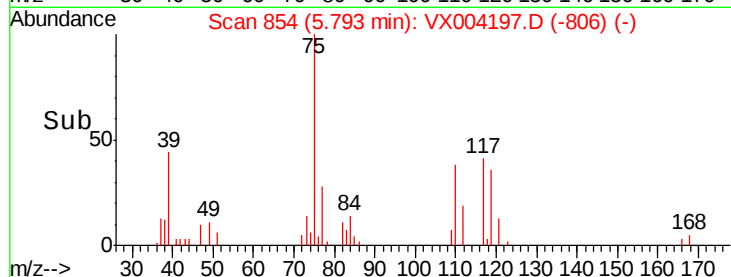
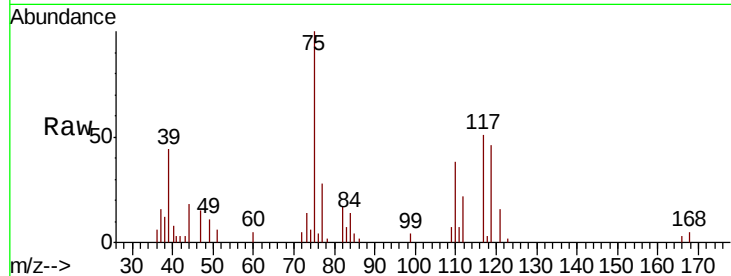
#36
 1,1-Dichloropropene
 Concen: 1.20 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.0	54.0
77	31.1	24.6	36.8

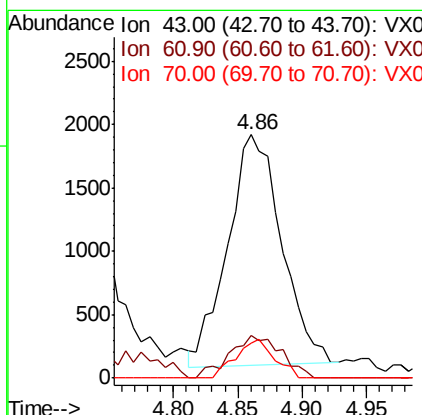
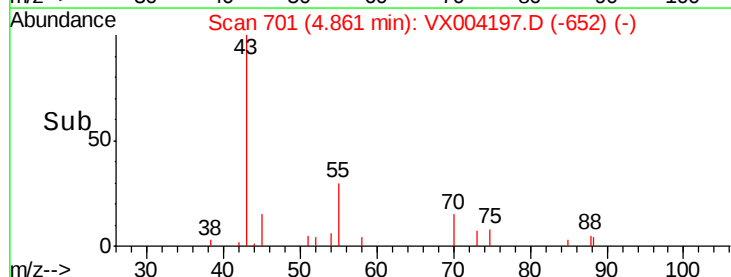
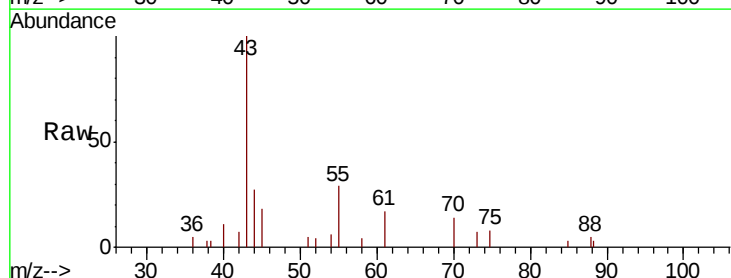
Manual Integrations
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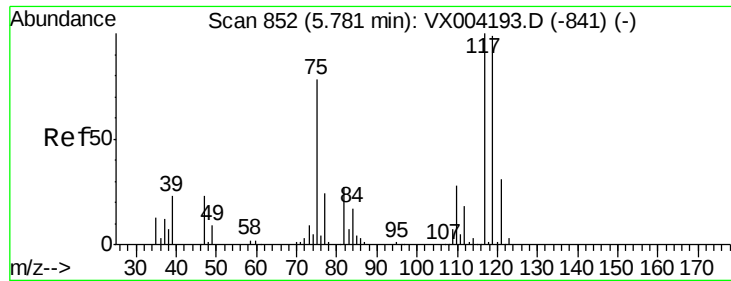
MMDadoda
 8/23/2018 9:40:10 AM



#37
 Ethyl Acetate
 Concen: 0.98 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	11.5	17.3#
70	12.0	9.0	13.6





#38

Carbon Tetrachloride

Concen: 1.03 ug/l

RT: 5.78 min Scan# 851

Delta R.T. -0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

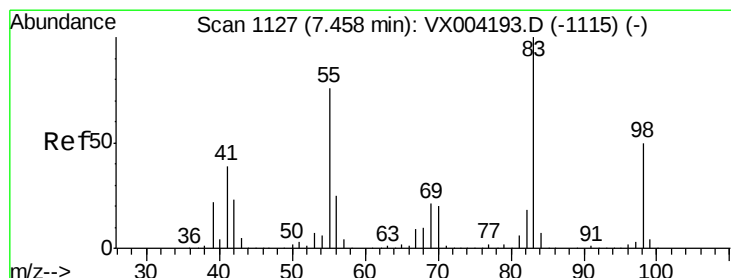
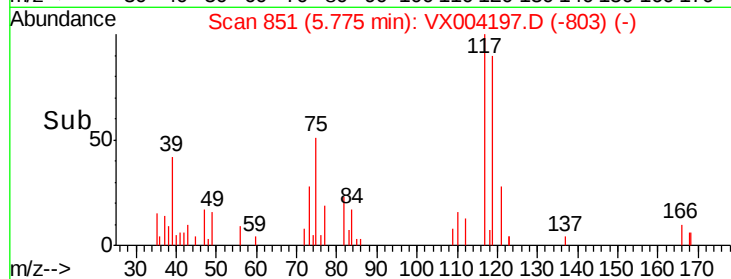
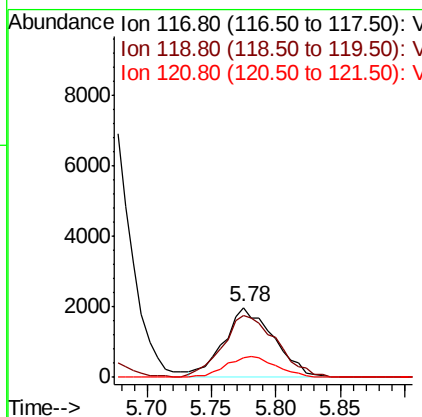
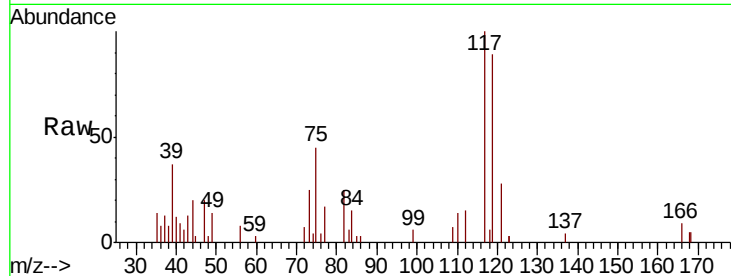
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	5320
Ion	Ratio	Lower	Upper
117	100		
119	89.0	78.8	118.2
121	27.9	24.9	37.3

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.12 ug/l

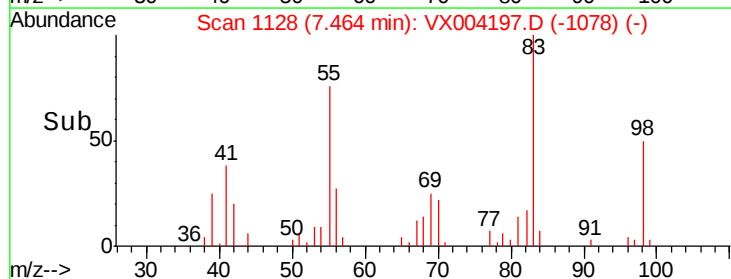
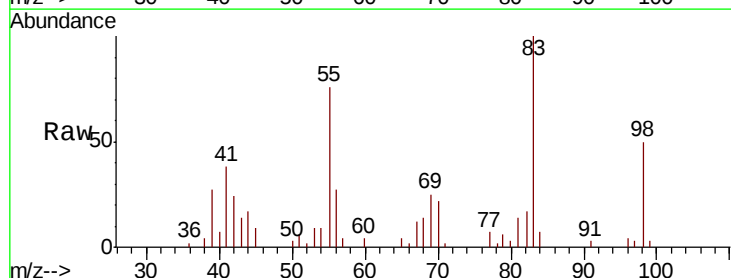
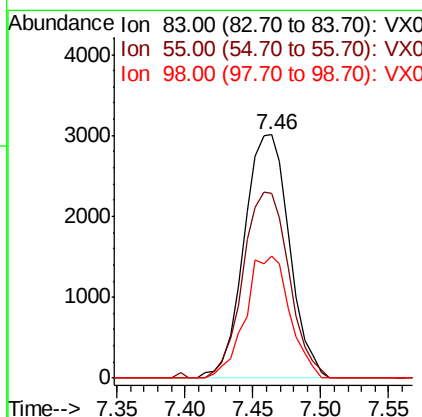
RT: 7.46 min Scan# 1128

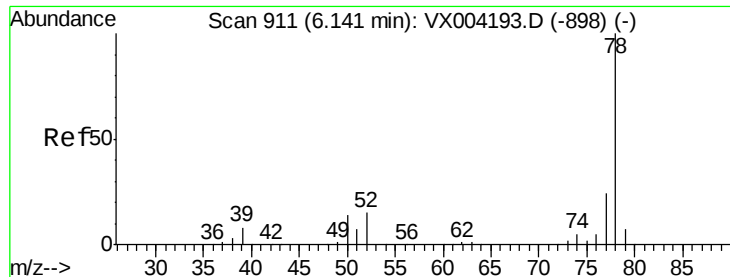
Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion:	83	Resp:	6991
Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.0	91.4
98	50.1	39.6	59.4





#40

Benzene

Concen: 1.07 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 17494

Ion Ratio Lower Upper

78 100

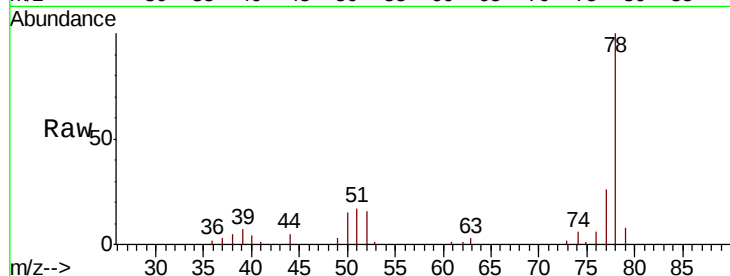
77 25.7 19.0 28.4

Manual Integrations

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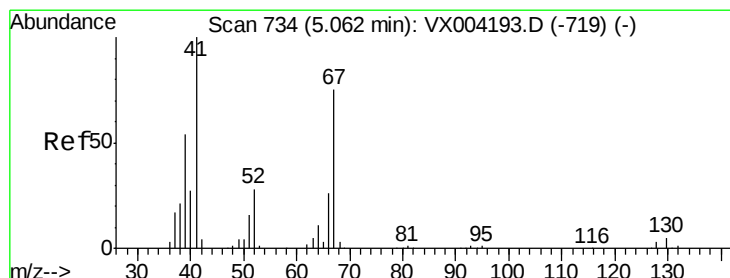
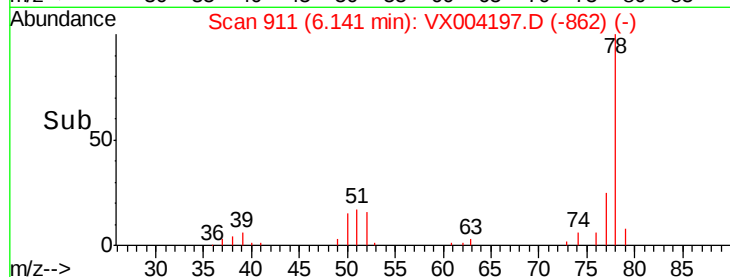
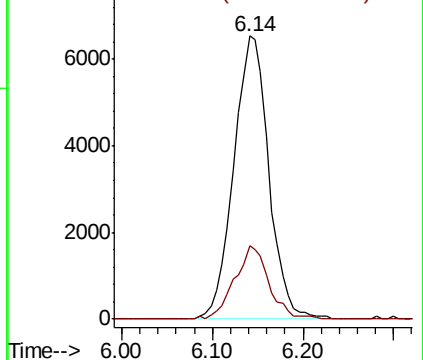
MMDadoda

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.06 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion: 41 Resp: 3301

Ion Ratio Lower Upper

41 100

39 59.6 42.4 63.6

67 70.3 59.2 88.8

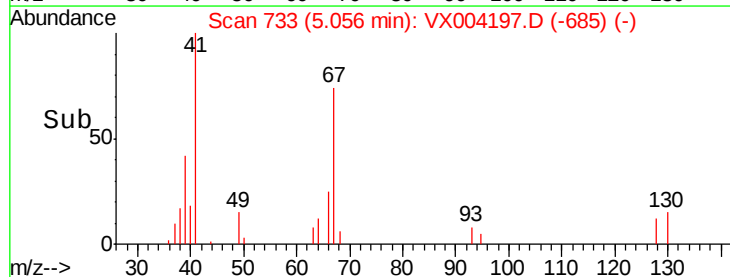
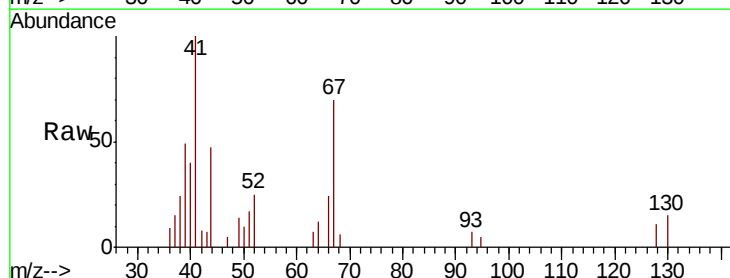
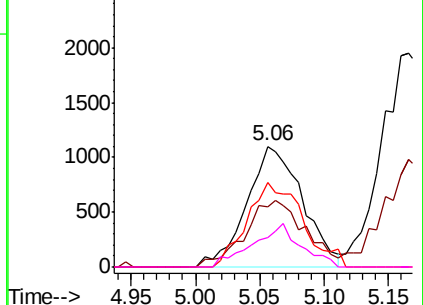
52 30.9 23.0 34.4

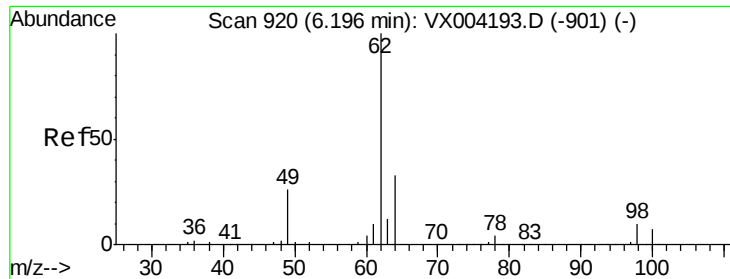
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





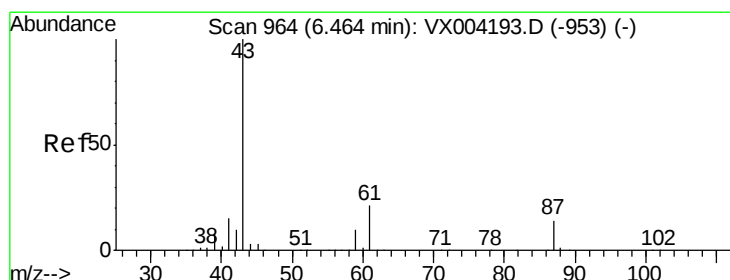
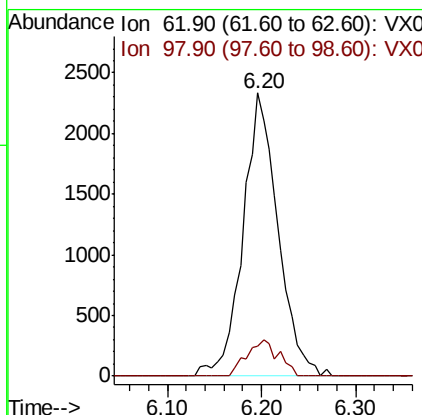
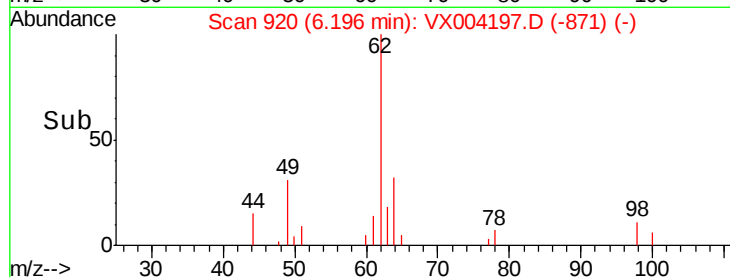
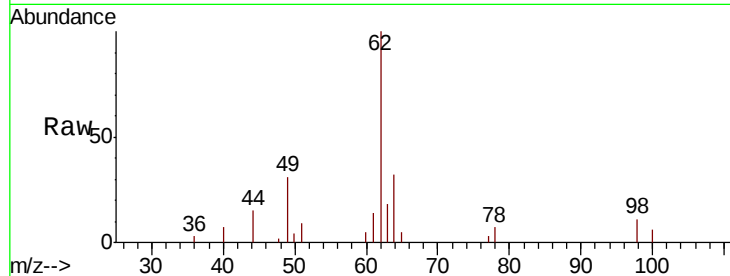
#42
 1,2-Dichloroethane
 Concen: 1.09 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.6

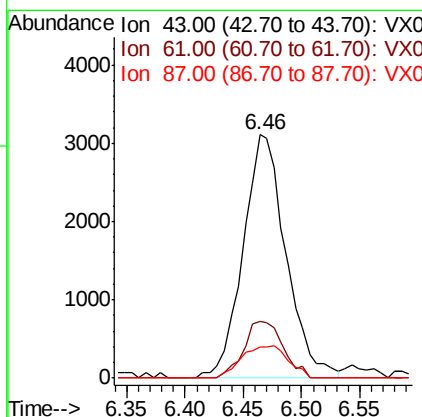
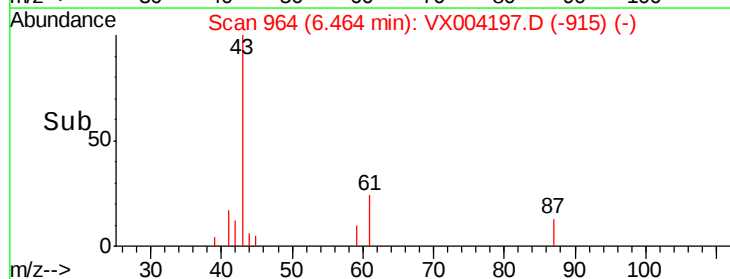
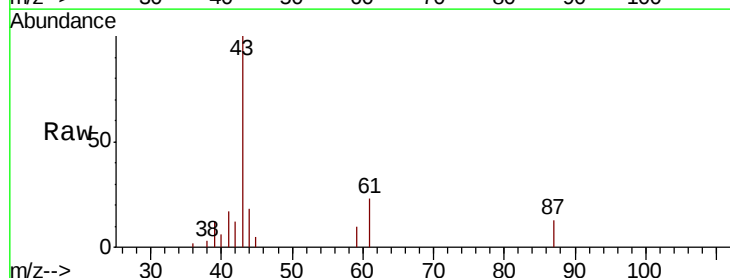
Manual Integrations
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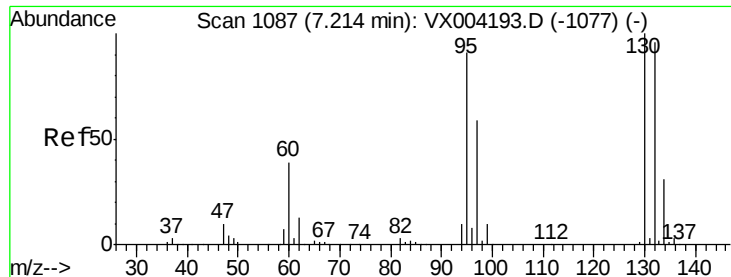
MMDadoda
 8/23/2018 9:40:10 AM



#43
 Isopropyl Acetate
 Concen: 0.96 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.0	25.4
87	14.2	11.4	17.2





#44

Trichloroethene

Concen: 1.21 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5482

Ion Ratio Lower Upper

130 100

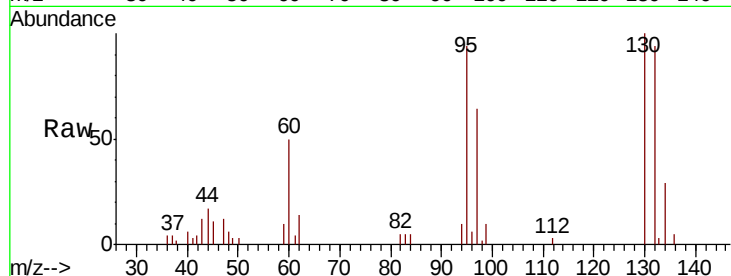
95 93.7 0.0 181.6

Manual Integrations

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MMDadoda

8/23/2018 9:40:10 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

2500

2000

1500

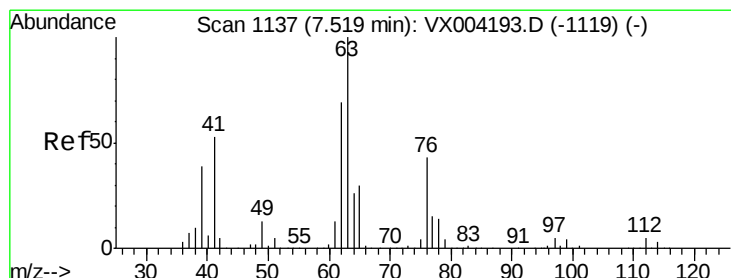
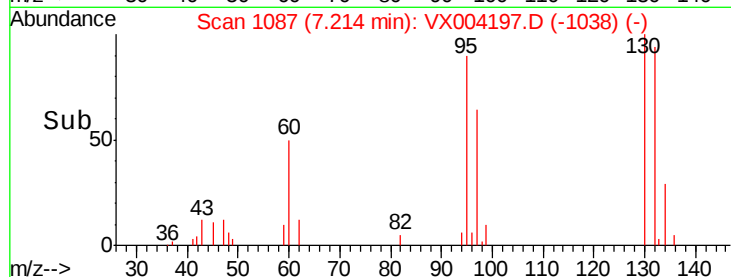
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 1.07 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004197.D

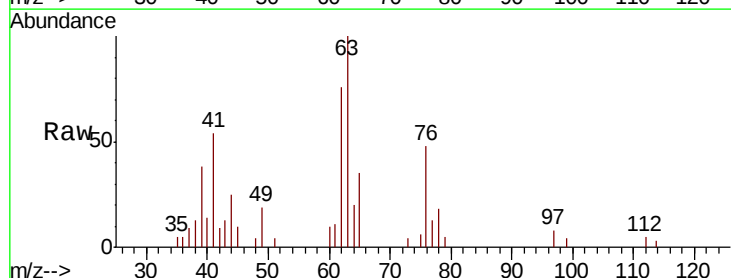
Acq: 22 Aug 2018 13:29

Tgt Ion: 63 Resp: 4375

Ion Ratio Lower Upper

63 100

65 35.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

2000

1500

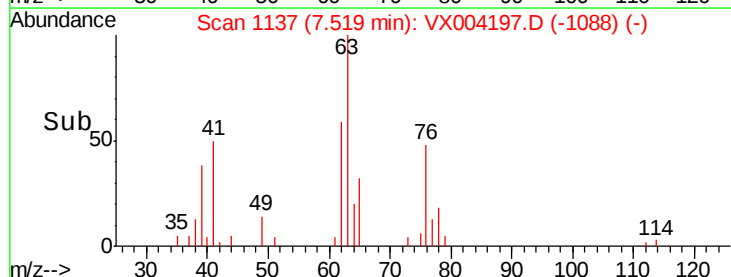
1000

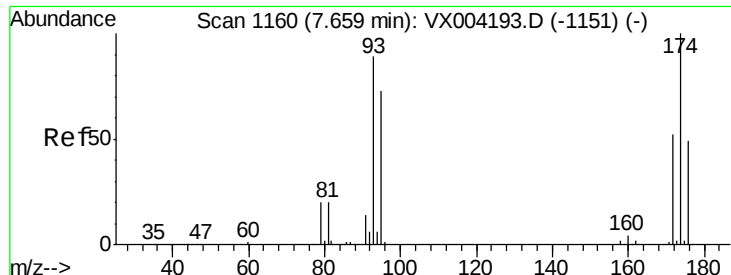
500

0

7.45 7.50 7.55 7.60

Time-->





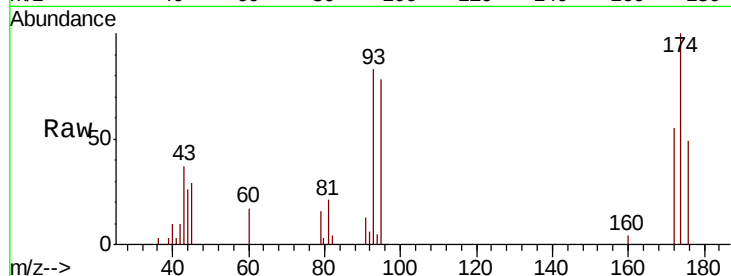
#46
Dibromomethane
Concen: 1.11 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

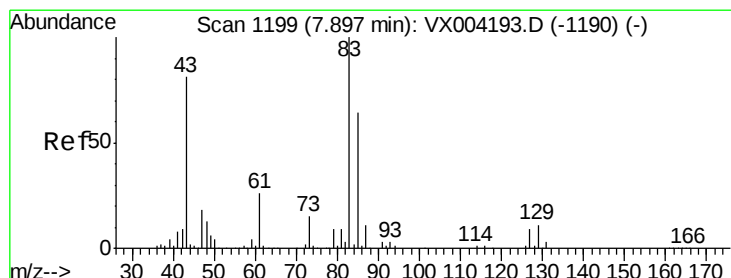
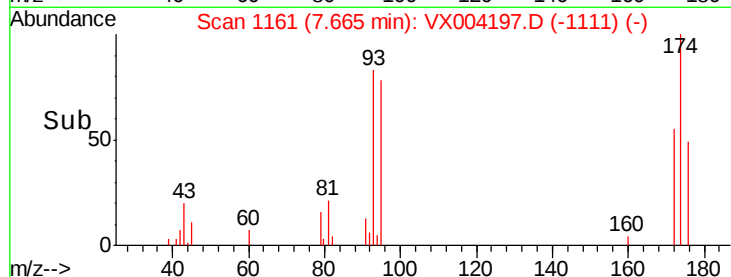
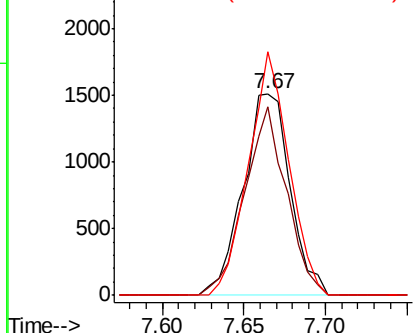
Tot Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.5	98.3
174	104.1	94.2	141.4

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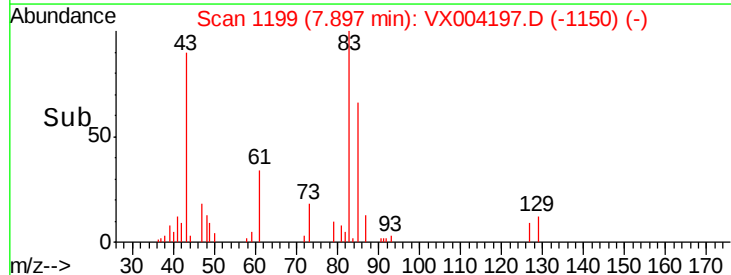
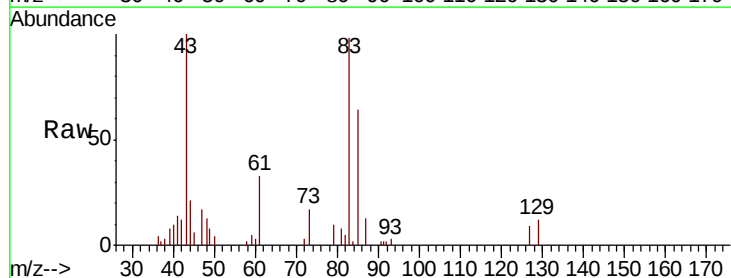
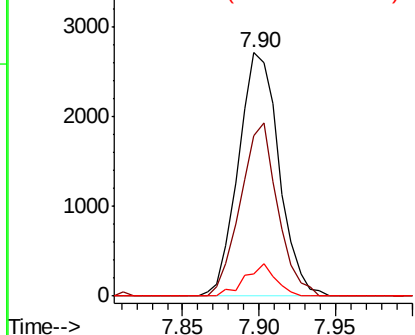
Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

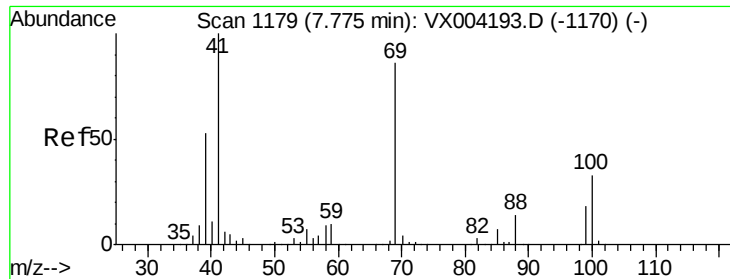


#47
Bromodichloromethane
Concen: 0.99 ug/l
RT: 7.90 min Scan# 1199
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.9	76.3
127	9.1	7.3	10.9

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

Methyl methacrylate

Concen: 0.97 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

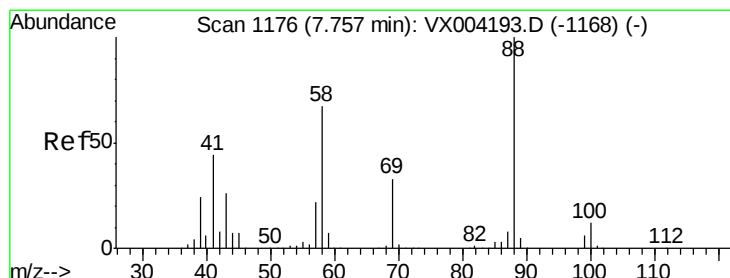
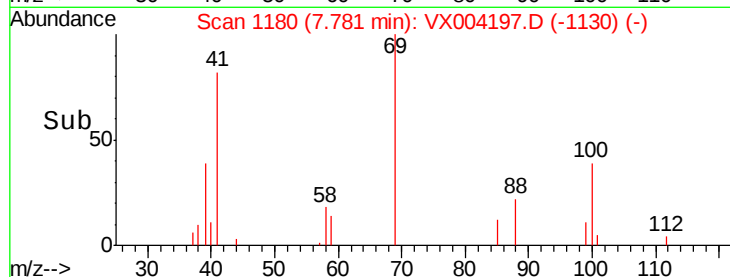
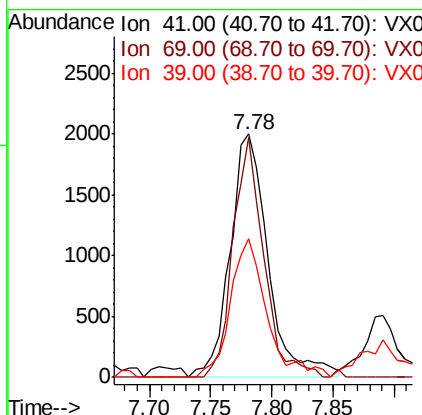
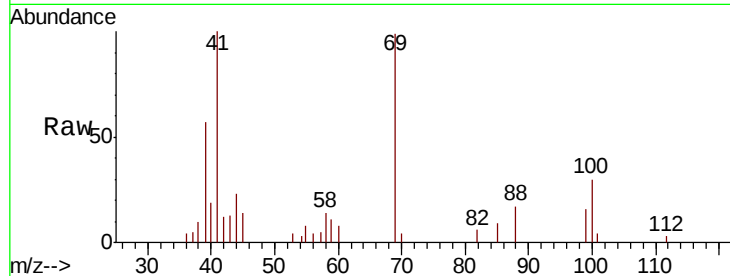
ClientSampled :

VSTDIC001

Tot Ion:	41	Resp:	4310
Ion	Ratio	Lower	Upper
41	100		
69	79.5	70.2	105.4
39	54.0	42.7	64.1

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#49

1,4-Dioxane

Concen: 19.59 ug/l

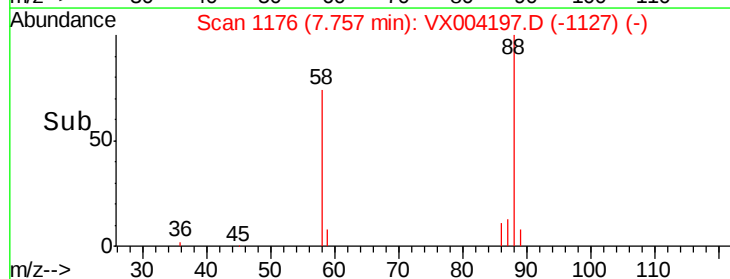
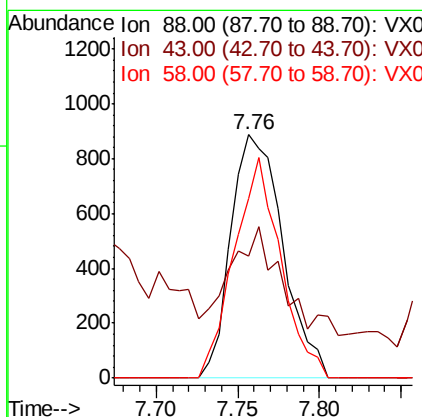
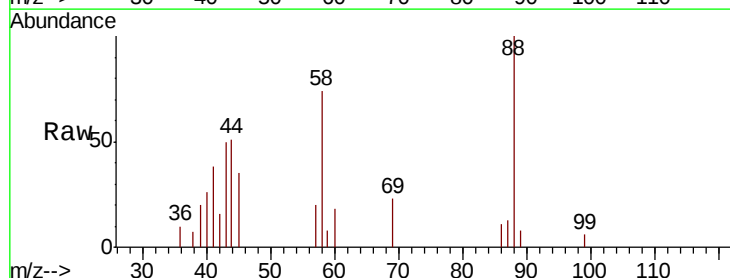
RT: 7.76 min Scan# 1176

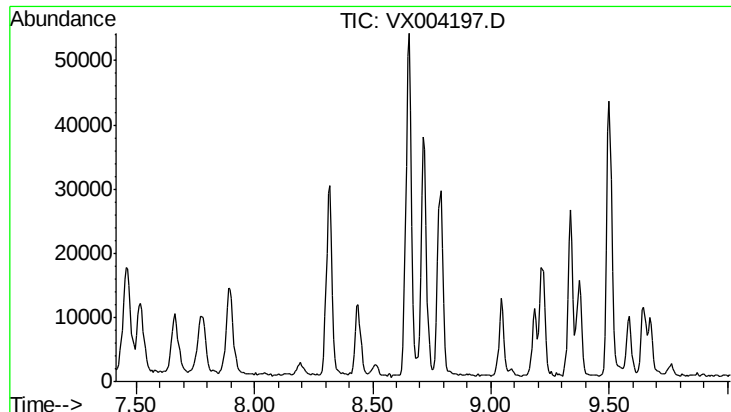
Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion:	88	Resp:	1968
Ion	Ratio	Lower	Upper
88	100		
43	43.2	24.7	37.1#
58	81.5	55.3	82.9





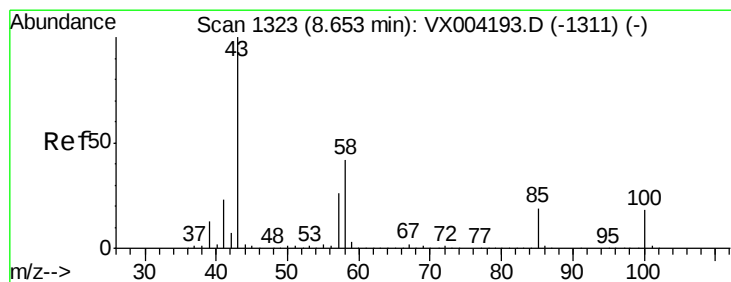
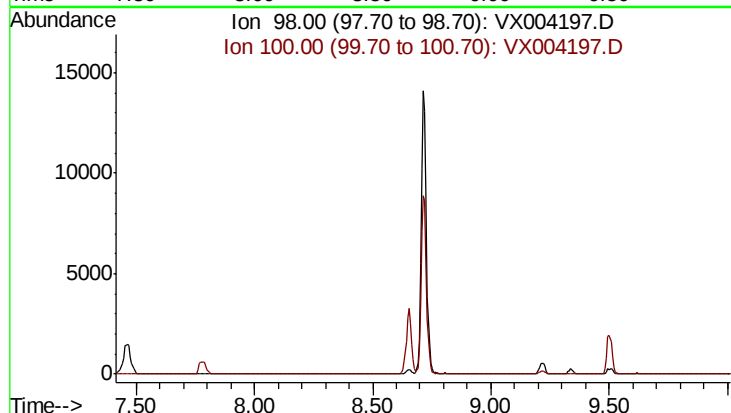
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 8.71 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tot Ion: 98
Sig Exp Ratio
98 100
100 66.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

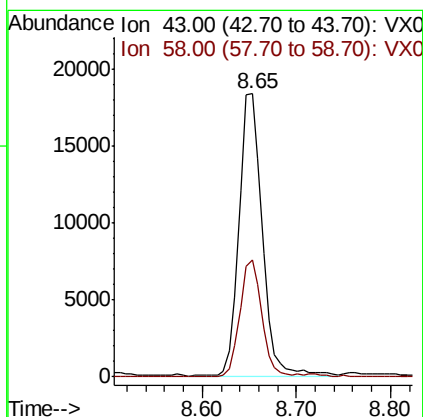
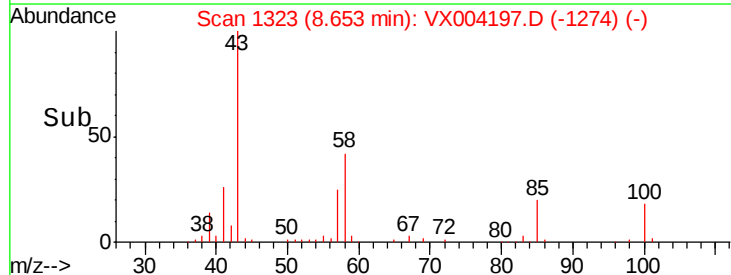
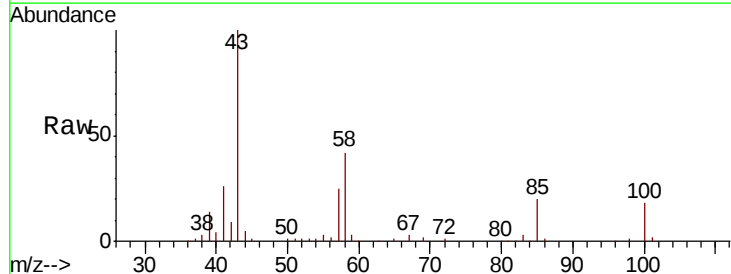
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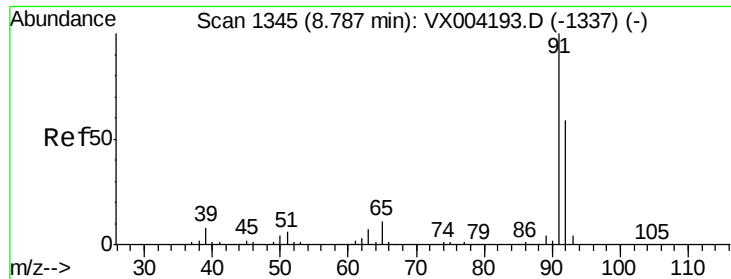
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#51
4-Methyl-2-Pentanone
Concen: 5.26 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion: 43 Resp: 31572
Ion Ratio Lower Upper
43 100
58 39.6 33.1 49.7





#52

Toluene

Concen: 1.03 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 10524

Ion Ratio Lower Upper

92 100

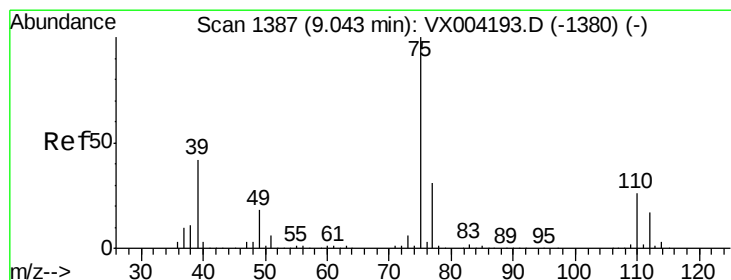
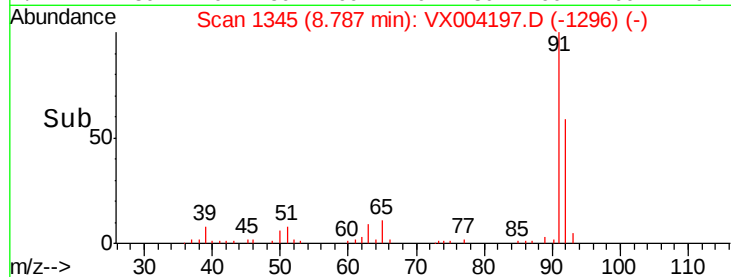
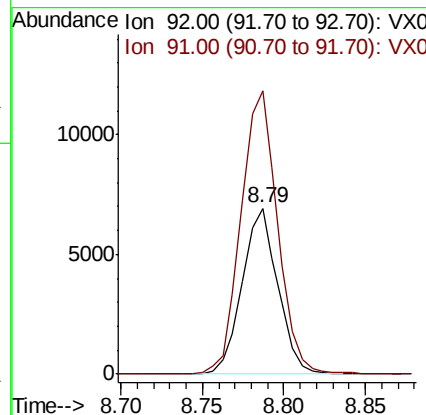
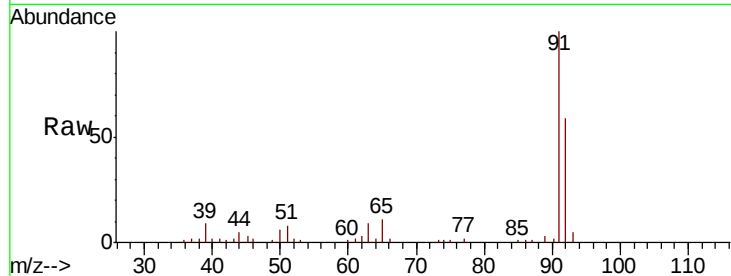
91 175.8 136.4 204.6

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#53

t-1,3-Dichloropropene

Concen: 0.93 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004197.D

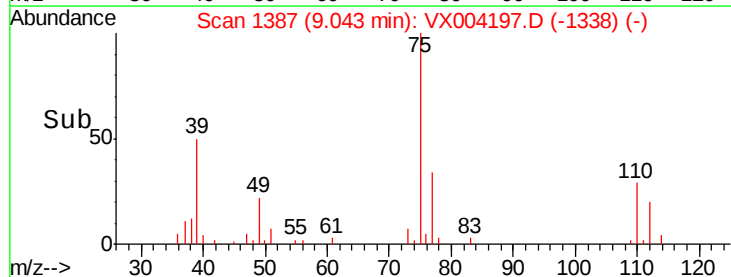
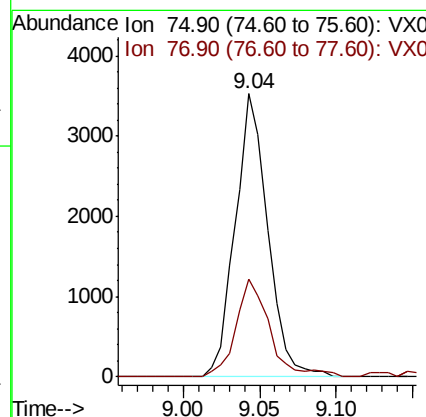
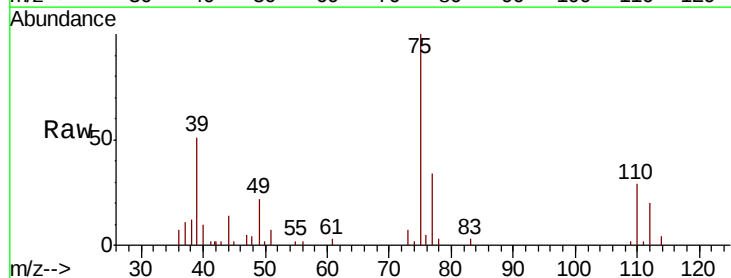
Acq: 22 Aug 2018 13:29

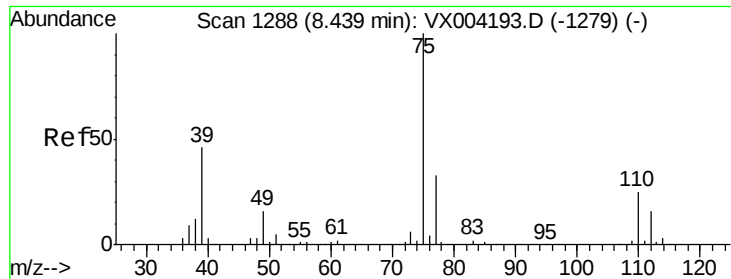
Tgt Ion: 75 Resp: 5196

Ion Ratio Lower Upper

75 100

77 34.4 24.6 37.0





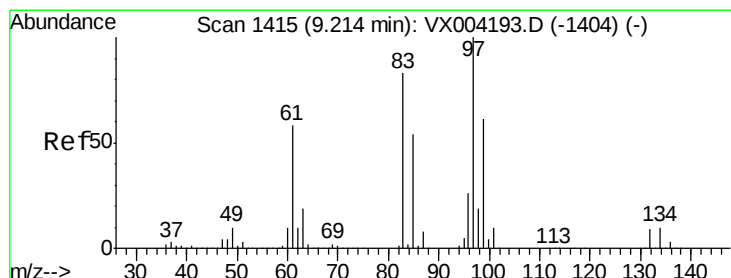
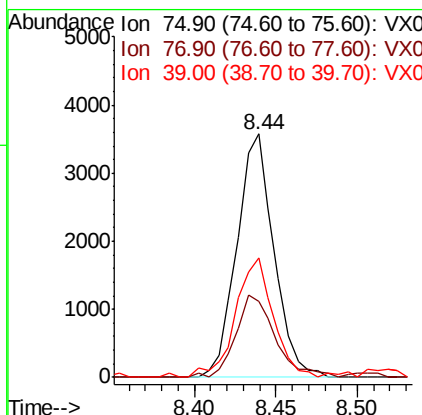
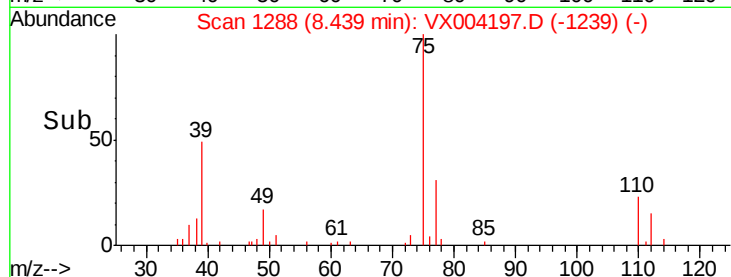
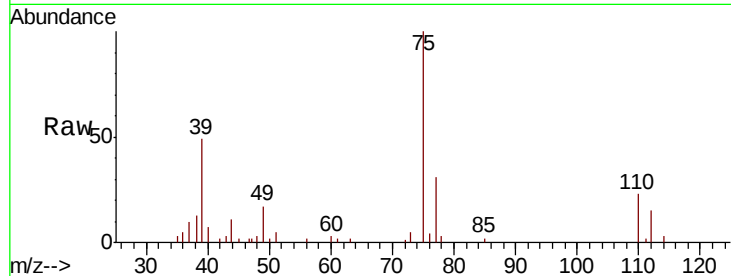
#54
 cis-1,3-Dichloropropene
 Concen: 0.93 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	75	Resp:	5654
Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.2
39	49.0	36.4	54.6

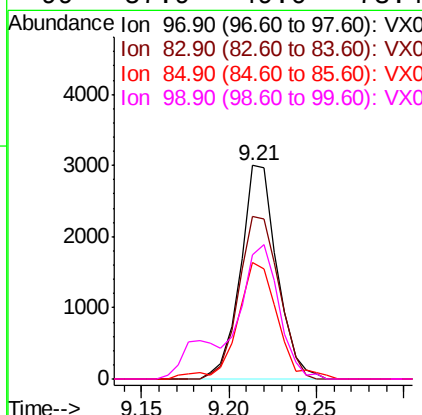
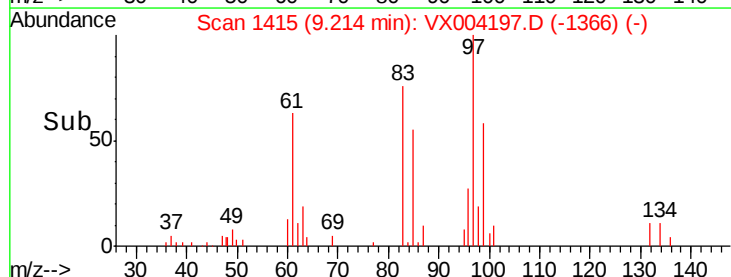
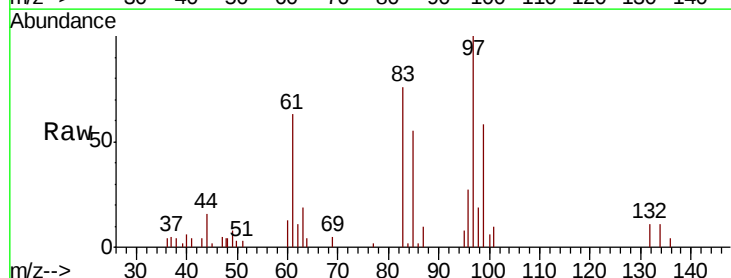
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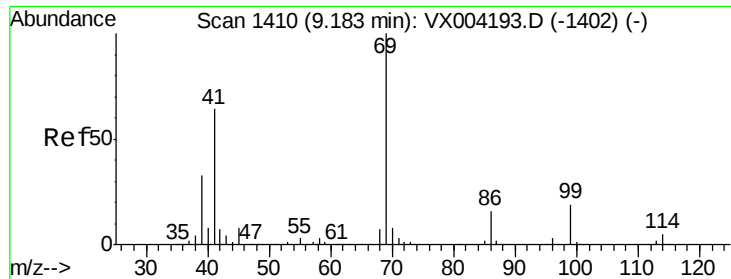
MMDadoda
 8/23/2018 9:40:10 AM



#55
 1,1,2-Trichloroethane
 Concen: 1.06 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion:	97	Resp:	4362
Ion	Ratio	Lower	Upper
97	100		
83	76.4	66.4	99.6
85	54.5	43.3	64.9
99	57.9	49.0	73.4





#56

Ethyl methacrylate

Concen: 0.83 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

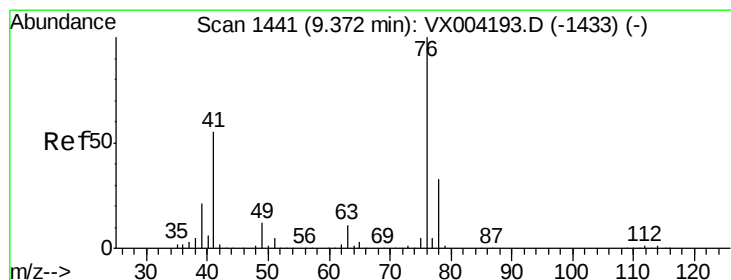
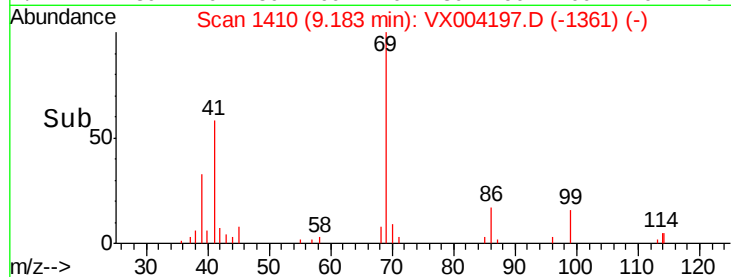
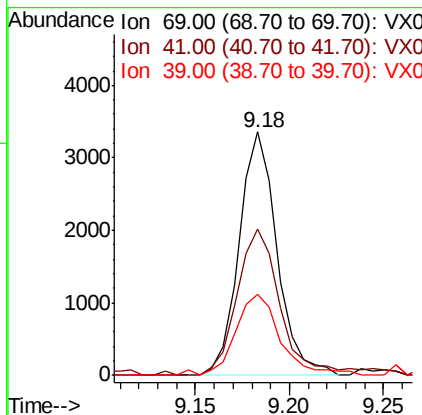
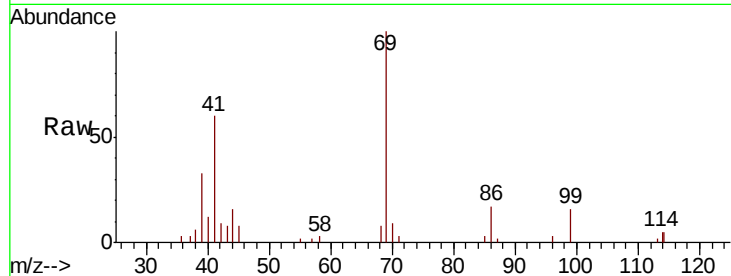
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4674
Ion	Ratio	Lower	Upper
69	100		
41	70.5	51.0	76.4
39	39.7	26.1	39.1#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.04 ug/l

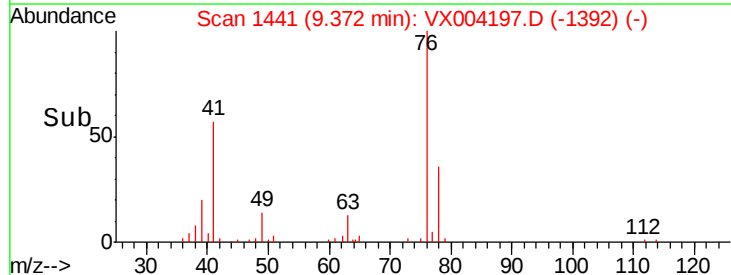
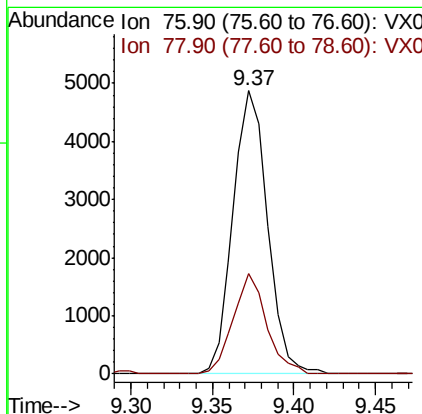
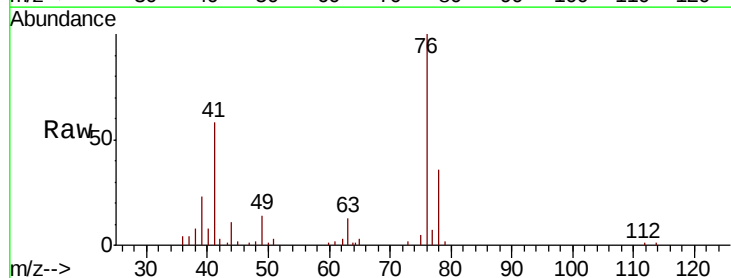
RT: 9.37 min Scan# 1441

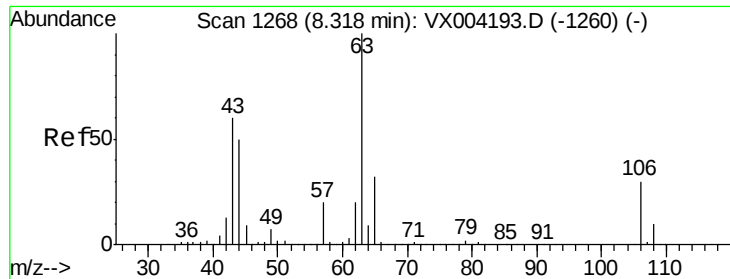
Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion:	76	Resp:	7226
Ion	Ratio	Lower	Upper
76	100		
78	34.1	25.5	38.3





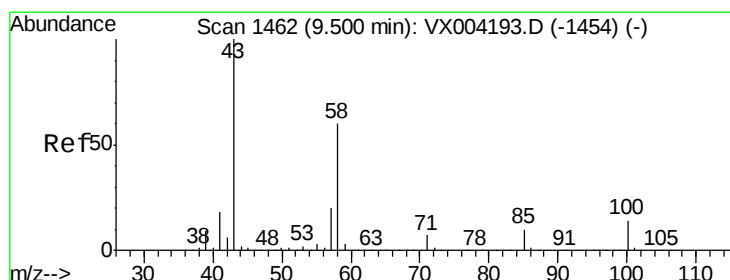
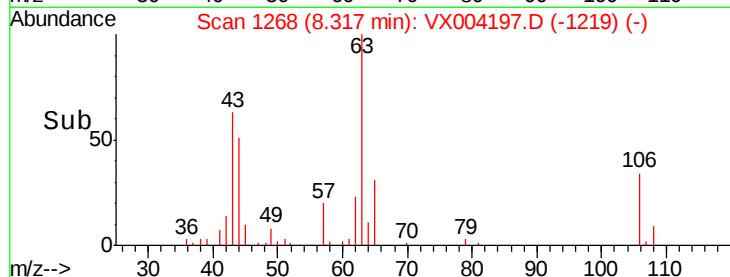
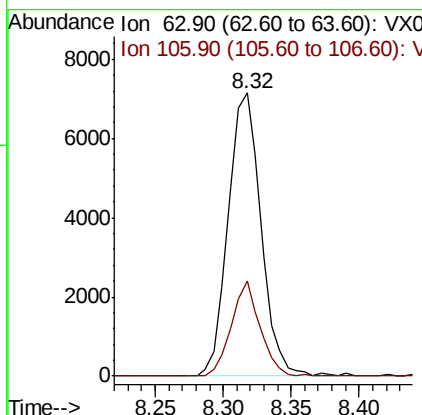
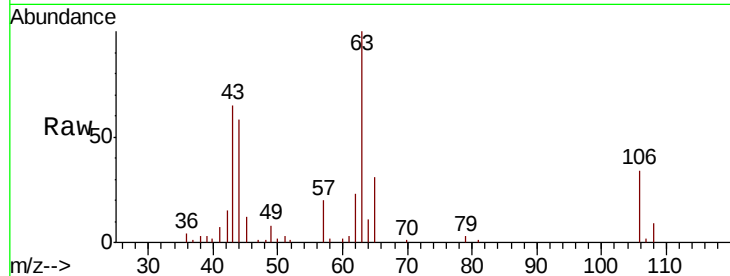
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.17 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 12006
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.9 35.9

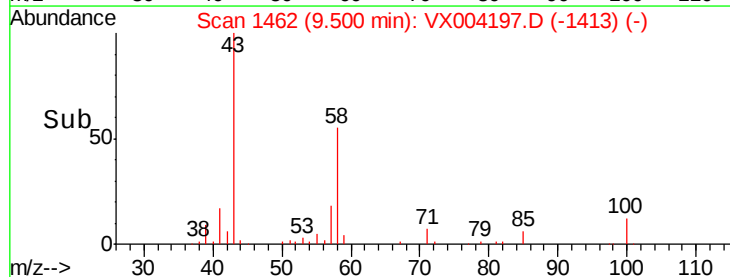
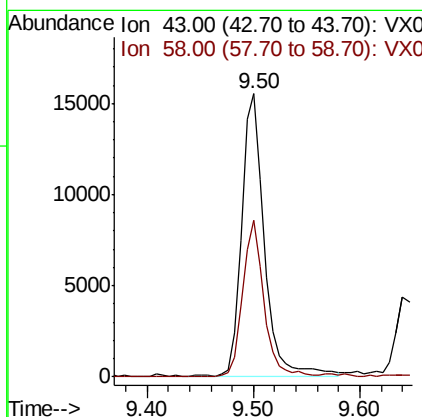
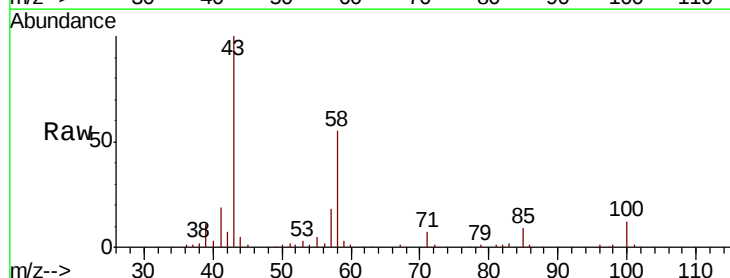
Manual Integrations
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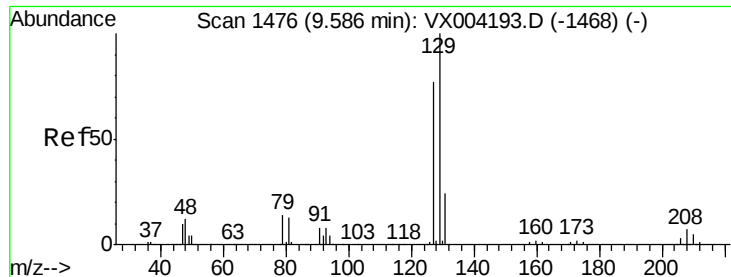
MMDadoda
 8/23/2018 9:40:10 AM



#59
 2-Hexanone
 Concen: 5.13 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 43 Resp: 23499
 Ion Ratio Lower Upper
 43 100
 58 51.2 29.0 87.0





#60

Dibromochloromethane

Concen: 0.94 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3764

Ion Ratio Lower Upper

129 100

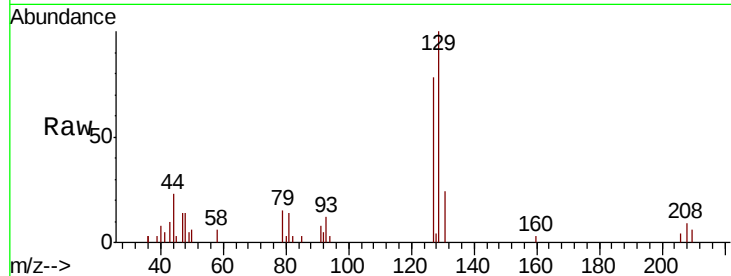
127 73.0 38.5 115.5

Manual Integrations

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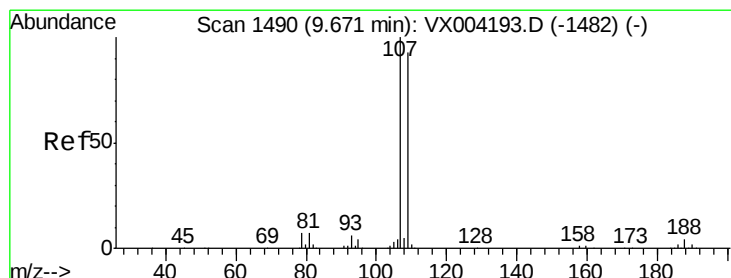
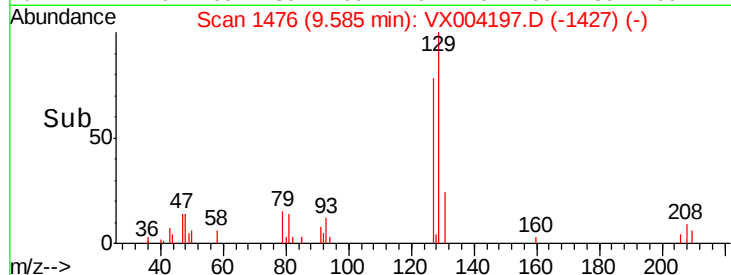
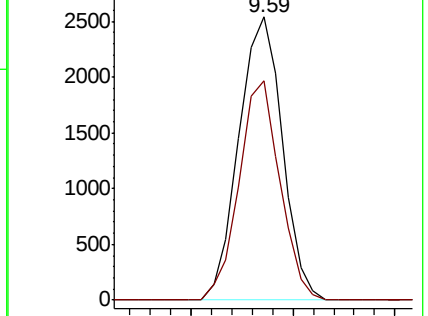
MMDadoda

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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: 1.03 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004197.D

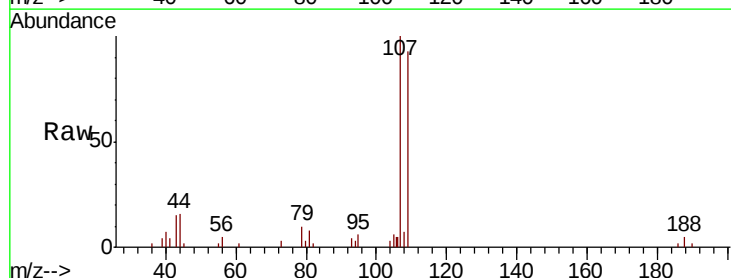
Acq: 22 Aug 2018 13:29

Tgt Ion:107 Resp: 4386

Ion Ratio Lower Upper

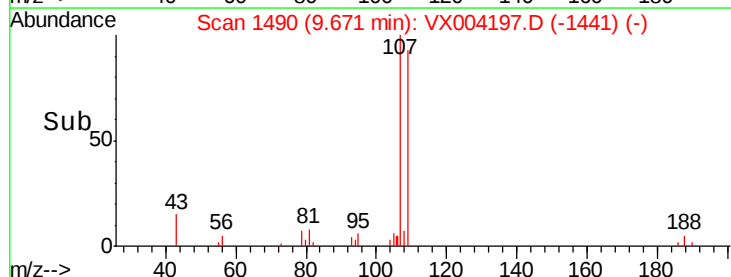
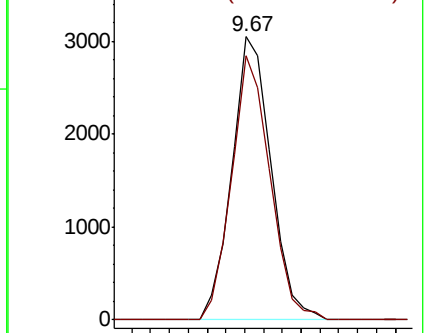
107 100

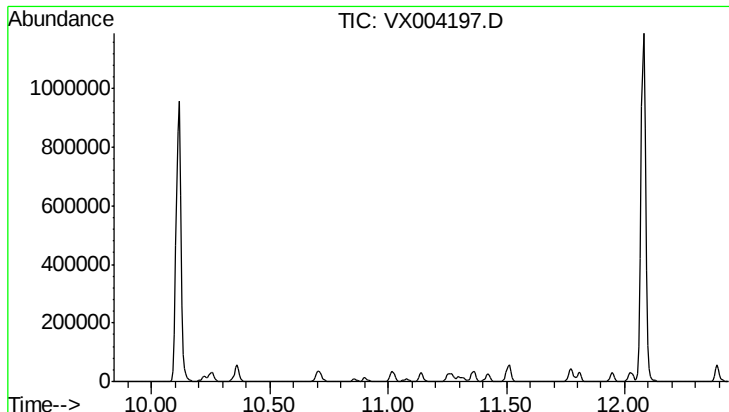
109 91.7 76.0 114.0



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: VX004197.D

Acq: 22 Aug 2018 13:29

Tot Ion: 95

Sig Exp Ratio

95 100

174 92.6

176 89.3

Instrument :

MSVOA_X

ClientSampleId :

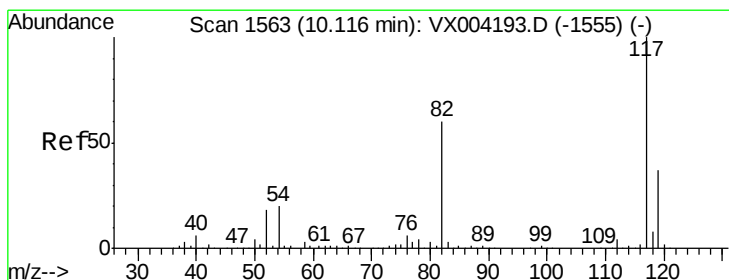
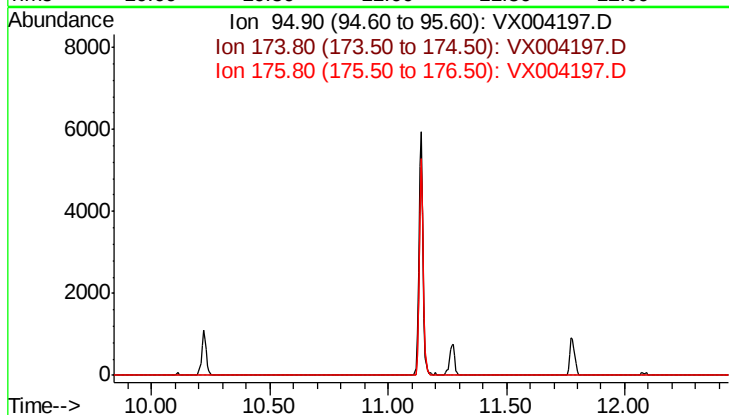
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

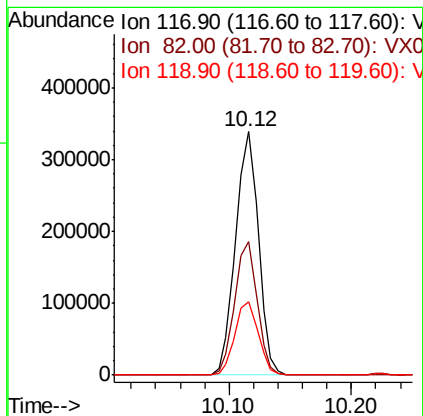
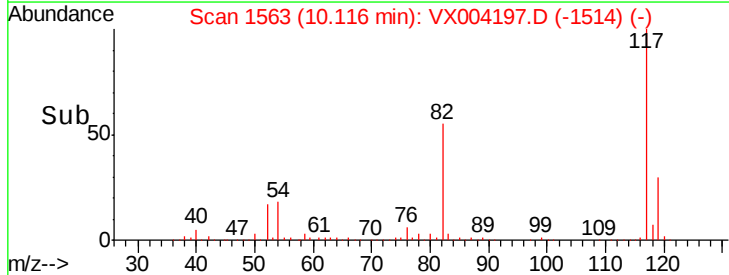
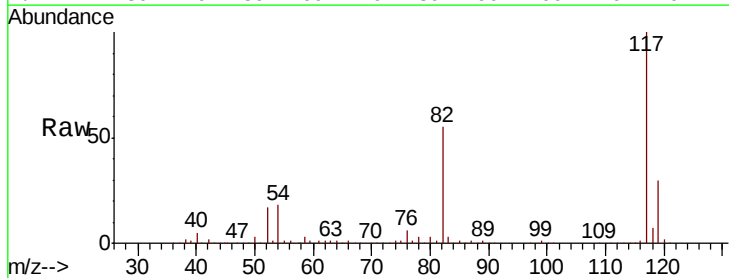
Tgt Ion:117 Resp: 437270

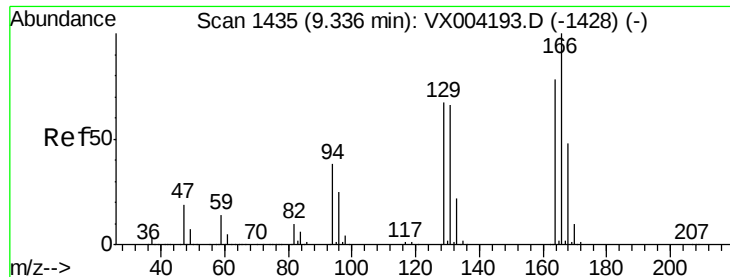
Ion Ratio Lower Upper

117 100

82 54.8 47.8 71.6

119 29.9 29.3 43.9





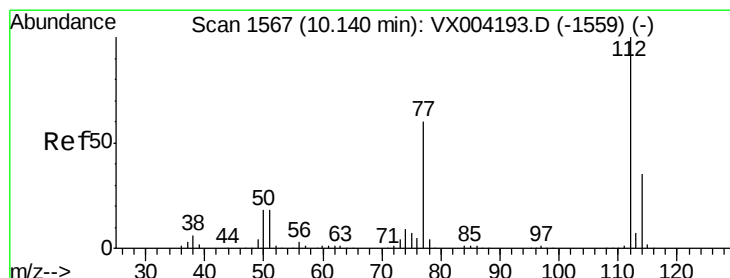
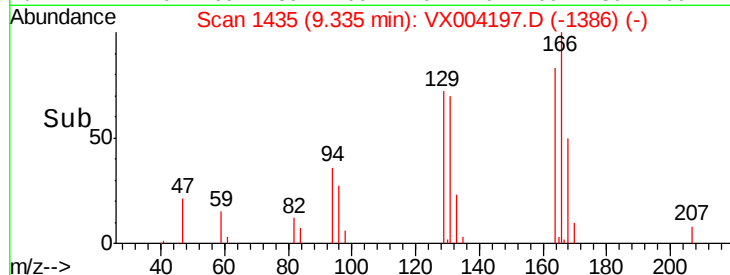
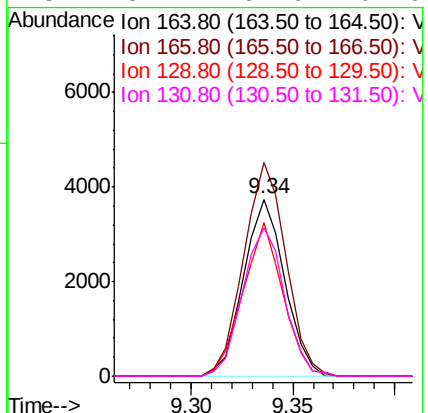
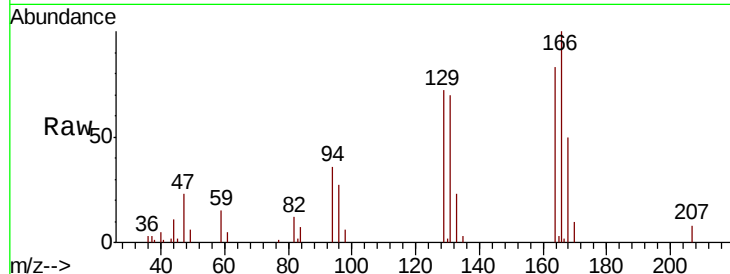
#64
 Tetrachloroethene
 Concen: 1.21 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	164	Resp:	5248
Ion	Ratio	Lower	Upper
164	100		
166	120.7	102.8	154.2
129	86.7	69.4	104.0
131	84.2	67.9	101.9

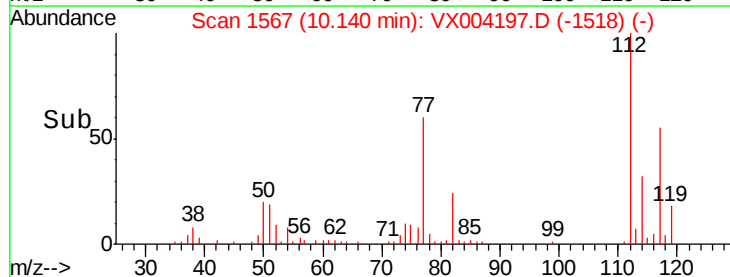
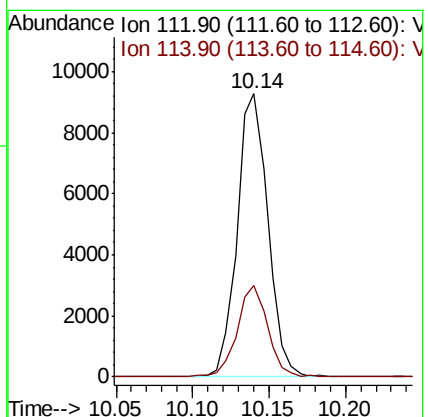
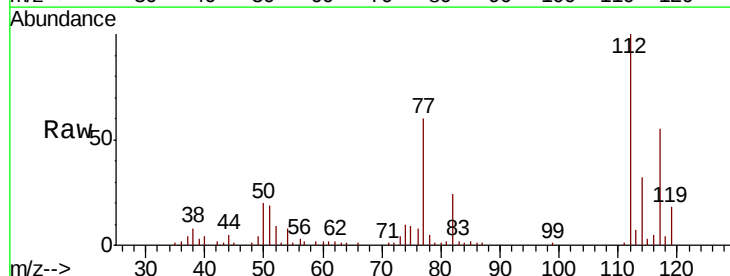
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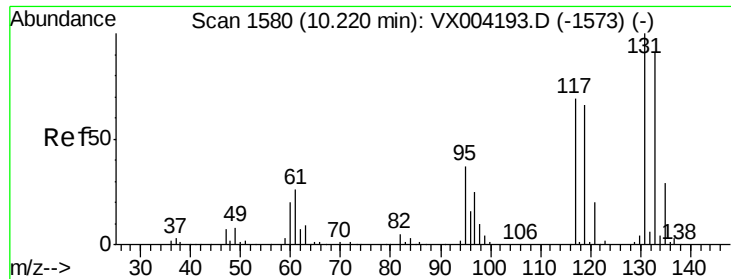
MMDadoda
 8/23/2018 9:40:10 AM



#65
 Chlorobenzene
 Concen: 1.17 ug/l
 RT: 10.14 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion:	112	Resp:	12857
Ion	Ratio	Lower	Upper
112	100		
114	32.4	27.8	41.8





#66

1,1,1,2-Tetrachloroethane

Concen: 0.96 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 3628

Ion Ratio Lower Upper

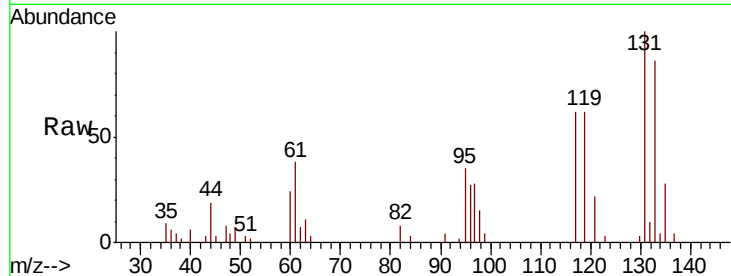
131 100

133 97.7 48.1 144.4

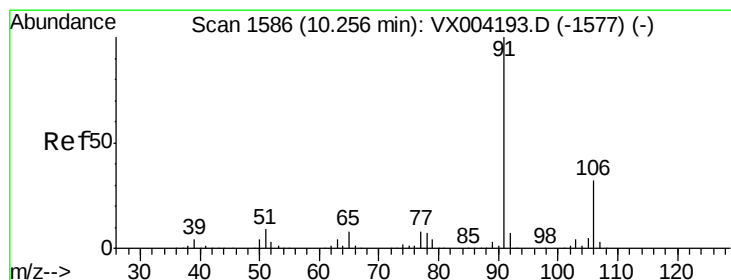
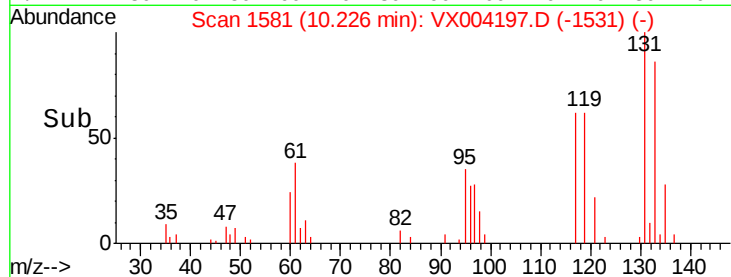
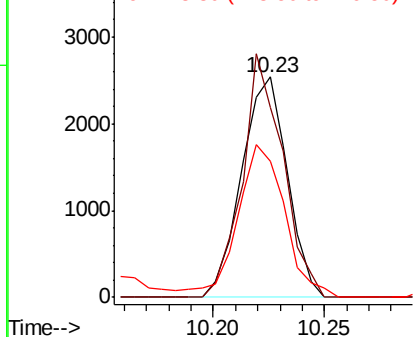
119 0.0 32.9 98.6#

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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.00 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004197.D

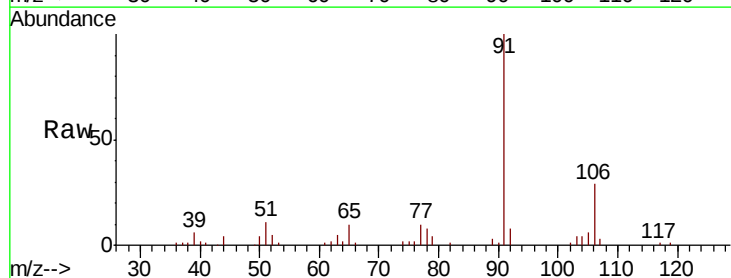
Acq: 22 Aug 2018 13:29

Tgt Ion: 91 Resp: 17825

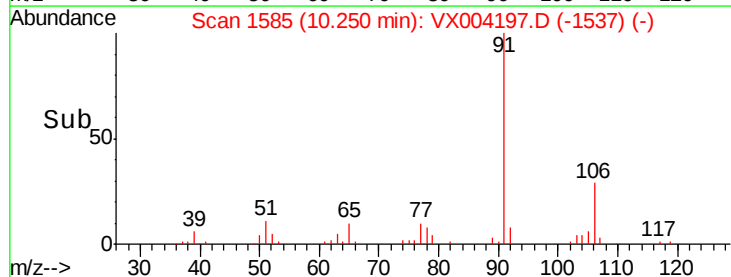
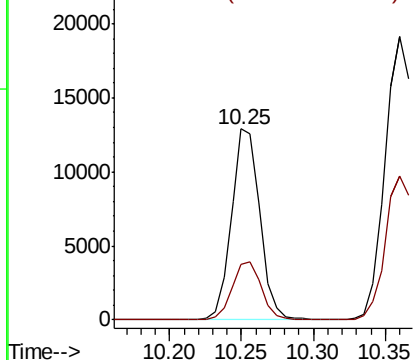
Ion Ratio Lower Upper

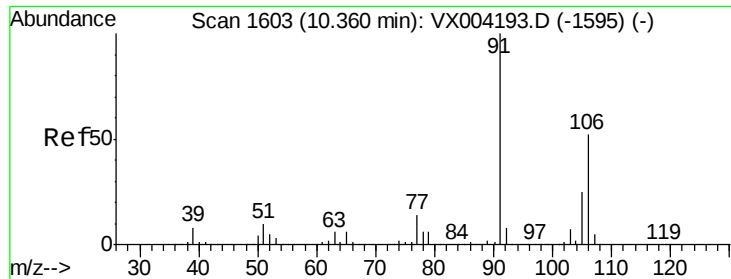
91 100

106 29.0 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





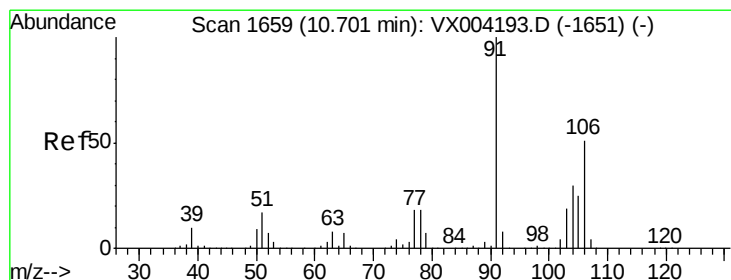
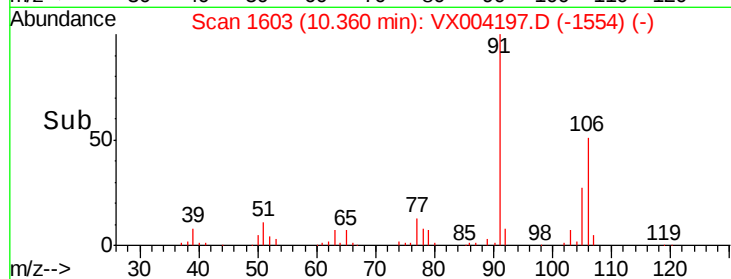
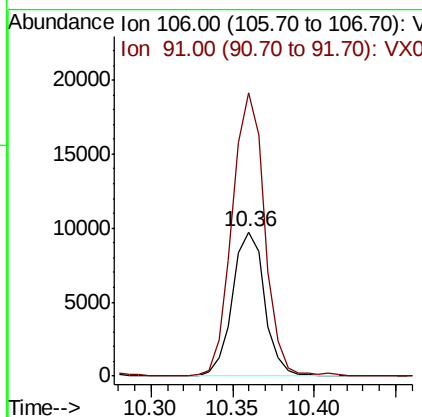
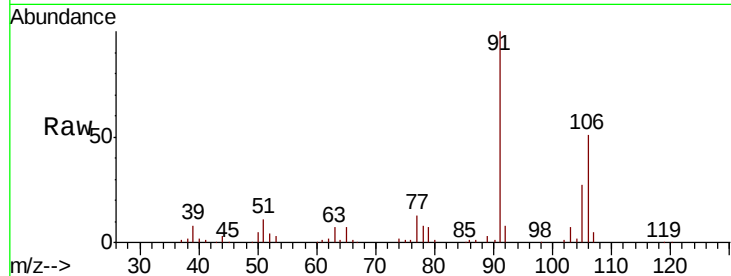
#68
m/p-Xylenes
Concen: 1.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 13396
Ion Ratio Lower Upper
106 100
91 198.5 157.1 235.7

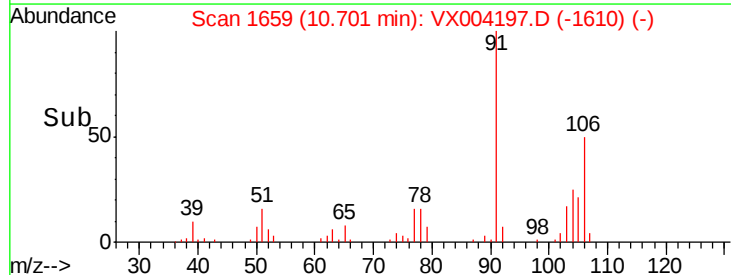
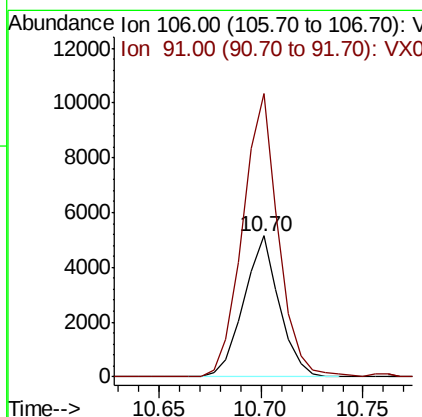
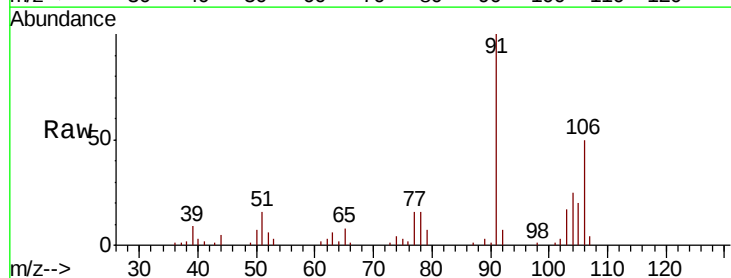
Manual Integrations
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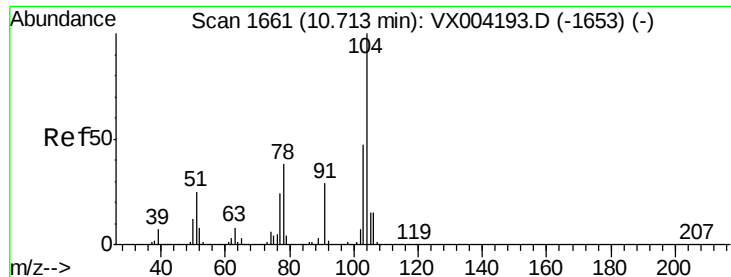
MMDadoda
8/23/2018 9:40:10 AM



#69
o-Xylene
Concen: 0.94 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:106 Resp: 6195
Ion Ratio Lower Upper
106 100
91 202.3 105.1 315.1





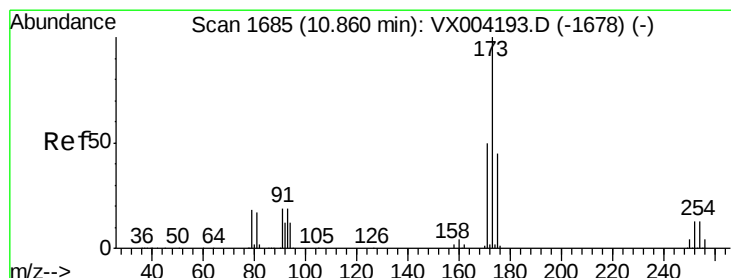
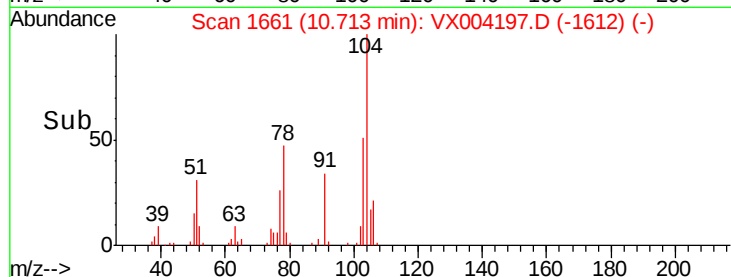
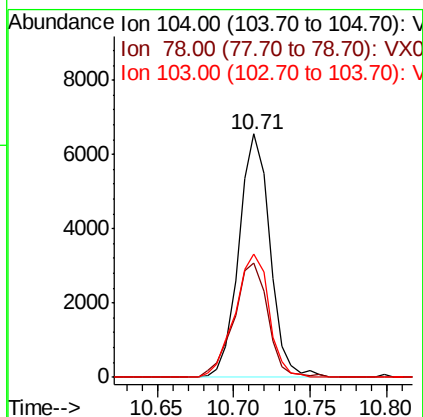
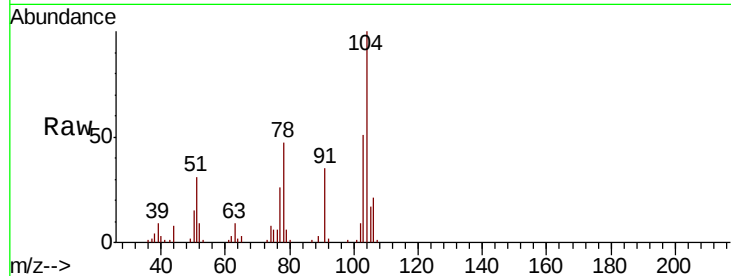
#70
Stvrene
Concen: 0.87 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.7	37.4	56.0
103	55.2	43.8	65.6

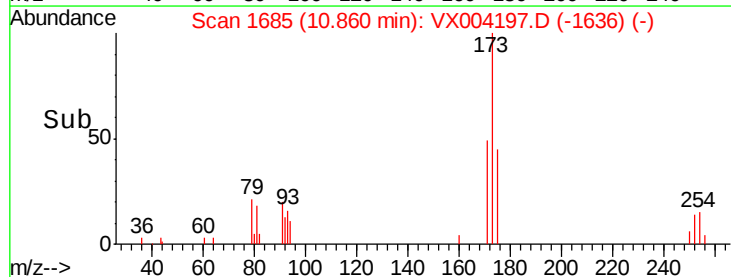
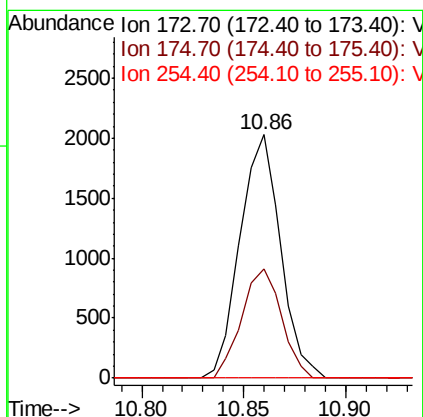
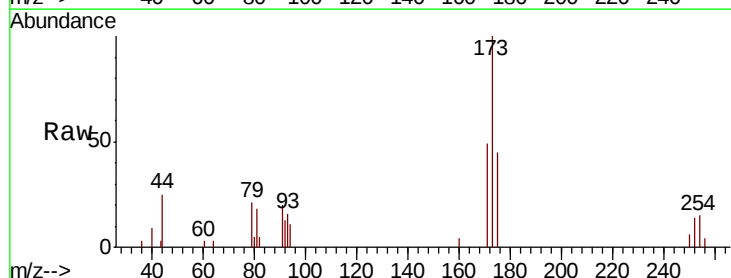
Manual Integrations
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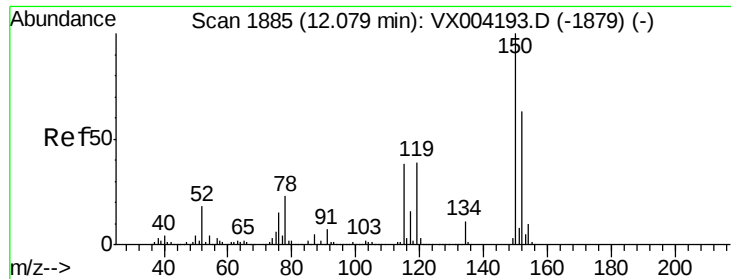
MMDadoda
8/23/2018 9:40:10 AM



#71
Bromoform
Concen: 0.92 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	43.9	24.1	72.3
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: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

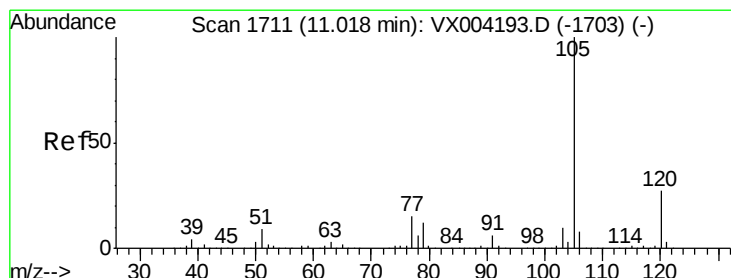
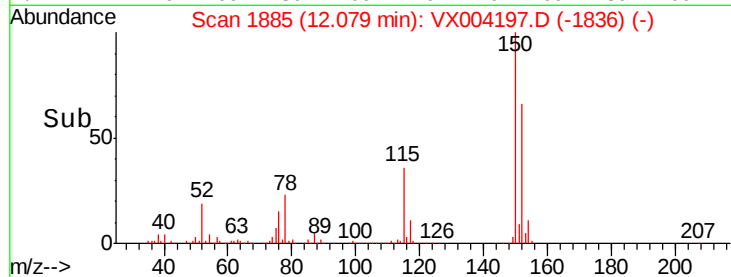
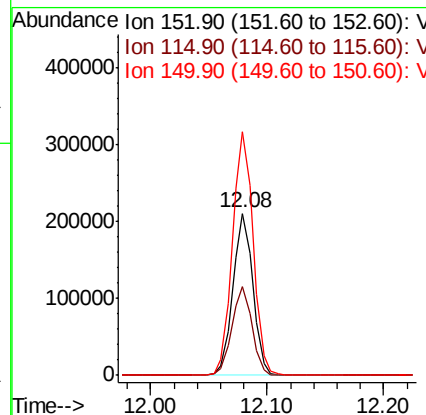
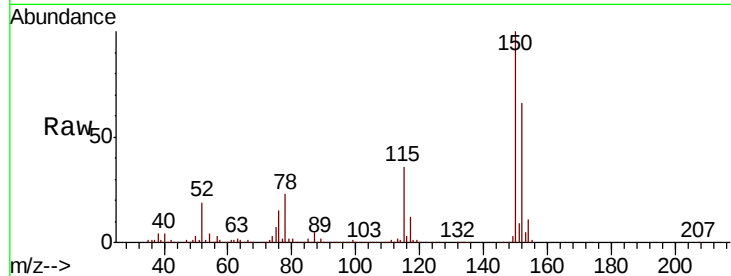
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	249654
Ion Ratio	Lower	Upper	
152	100		
115	55.1	39.0	117.0
150	155.4	0.0	351.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.01 ug/l

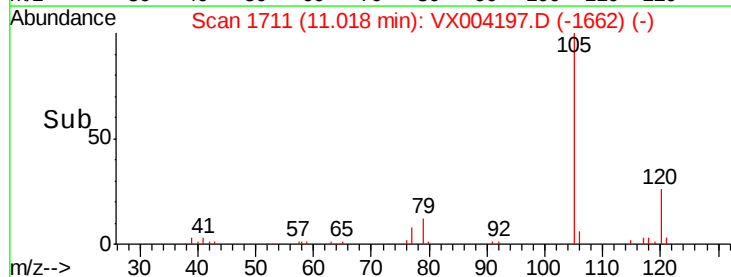
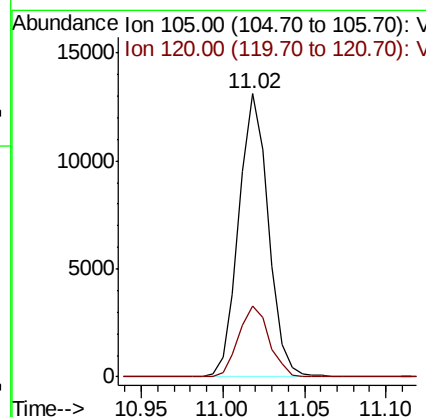
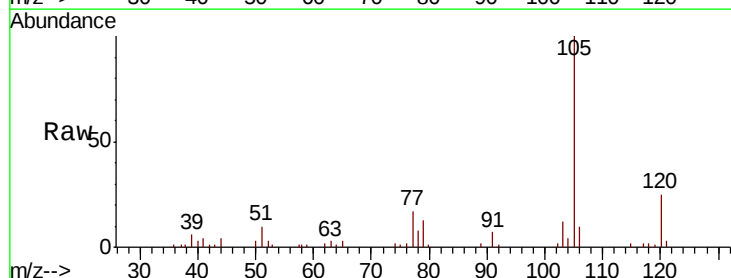
RT: 11.02 min Scan# 1711

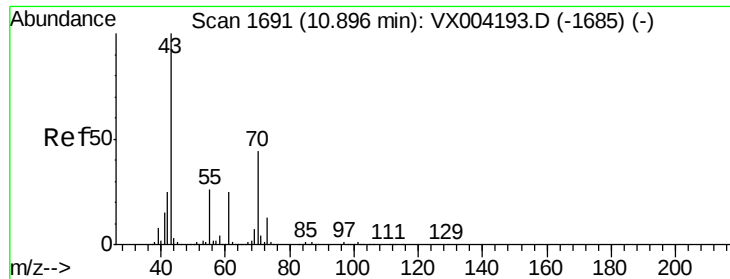
Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion:	105	Resp:	16568
Ion Ratio	Lower	Upper	
105	100		
120	25.7	13.5	40.4





#74

N-amvl acetate

Concen: 0.93 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

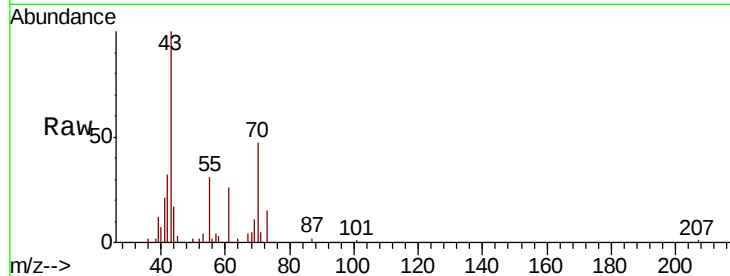
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	5864
Ion	Ratio	Lower	Upper
43	100		
70	44.0	37.4	56.0
55	30.2	21.8	32.8
61	24.2	20.6	30.8

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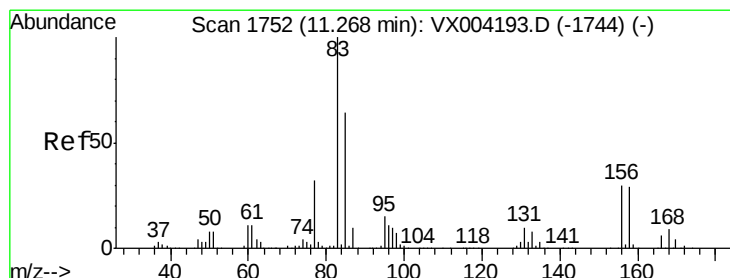
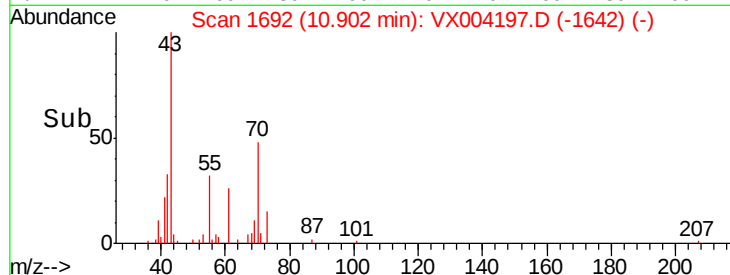
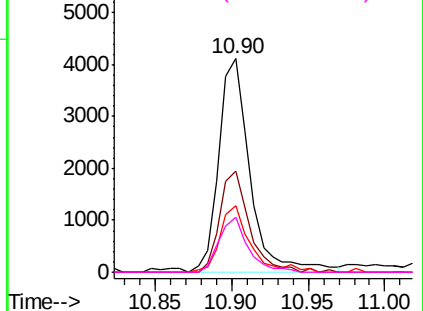
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.12 ug/l

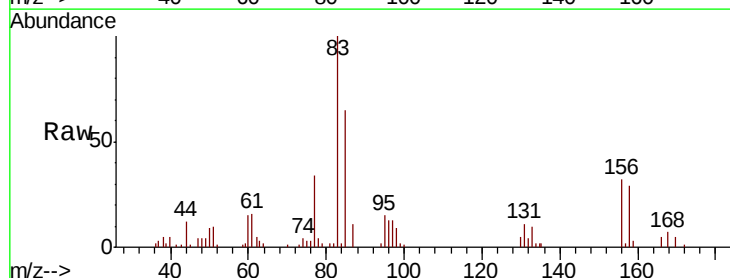
RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion:	83	Resp:	6402
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.2	15.6
85	60.8	32.3	96.8

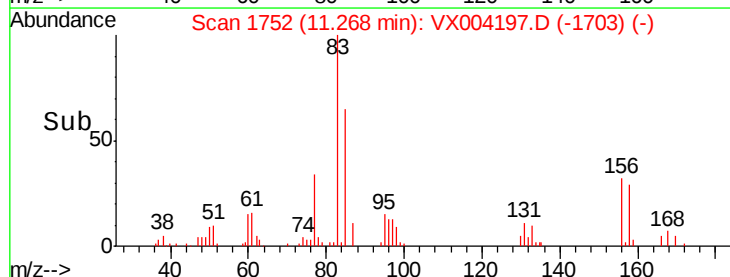
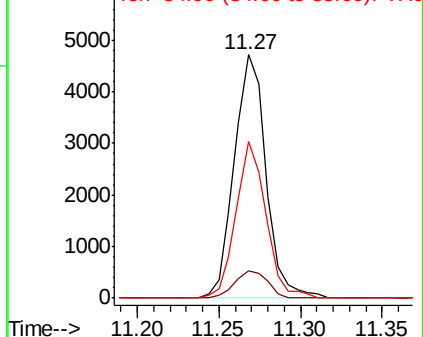


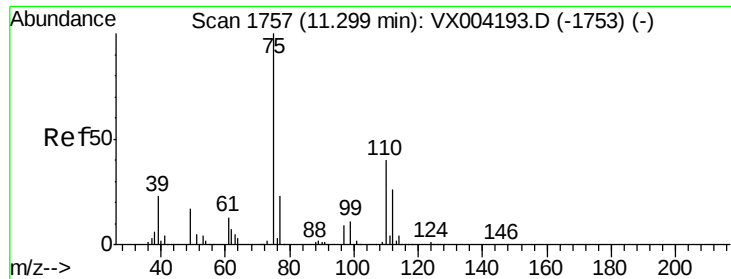
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





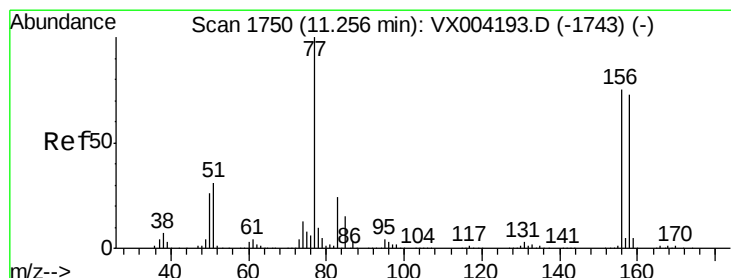
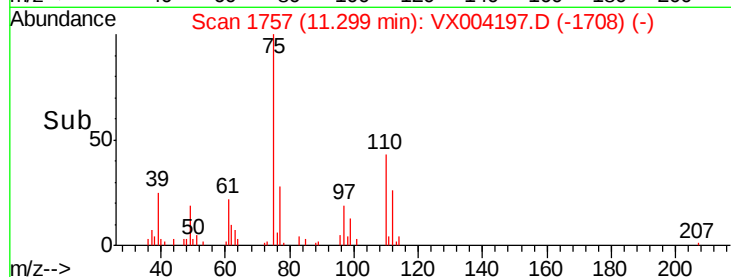
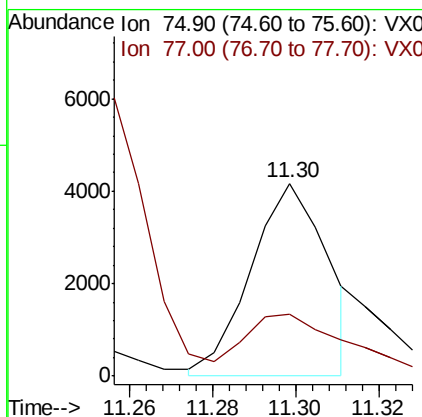
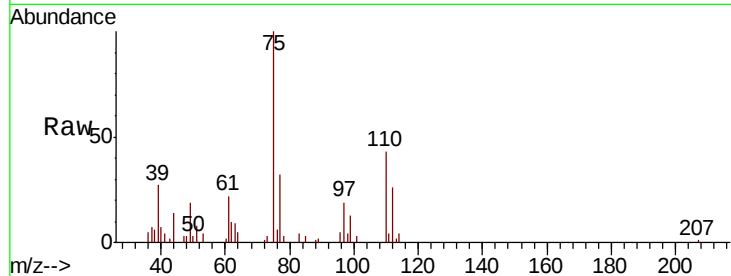
#76
 1,2,3-Trichloropropane
 Concen: 1.09 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 5381
 Ion Ratio Lower Upper
 75 100
 77 43.7 20.2 60.6

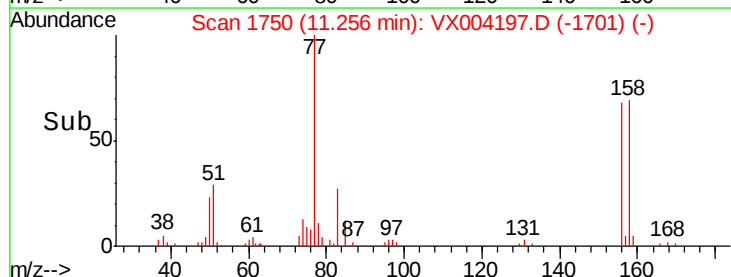
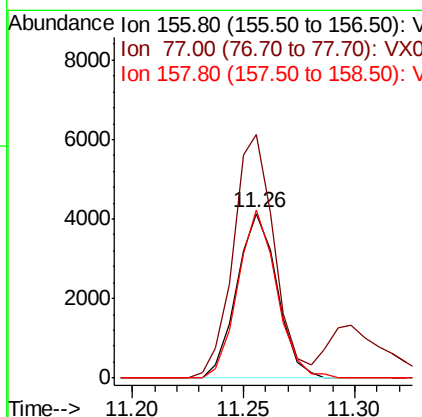
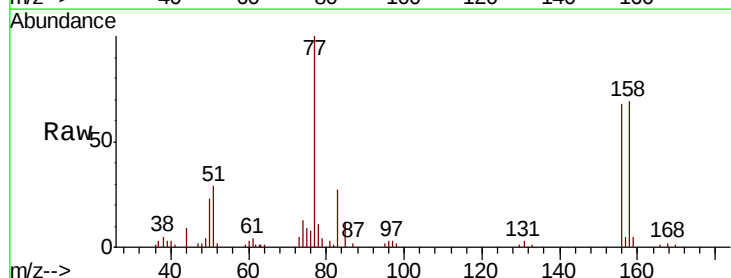
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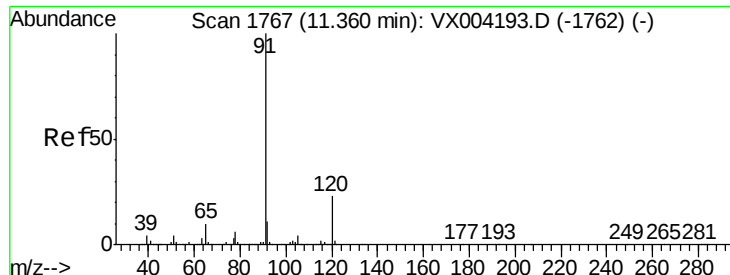
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 8/23/2018 9:40:10 AM



#77
 Bromobenzene
 Concen: 1.14 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 156 Resp: 5233
 Ion Ratio Lower Upper
 156 100
 77 151.0 71.5 214.3
 158 97.6 48.9 146.8





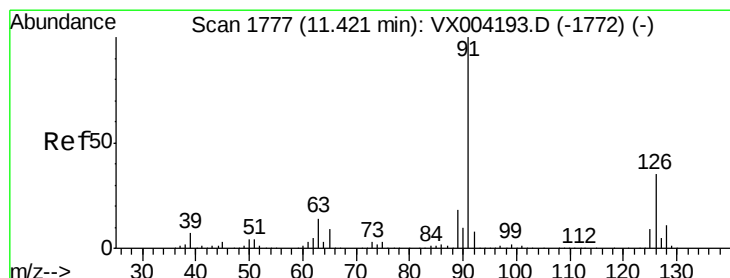
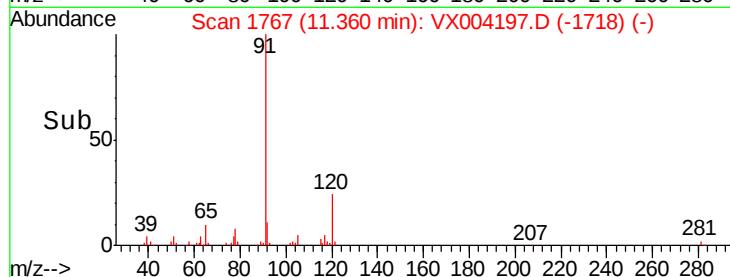
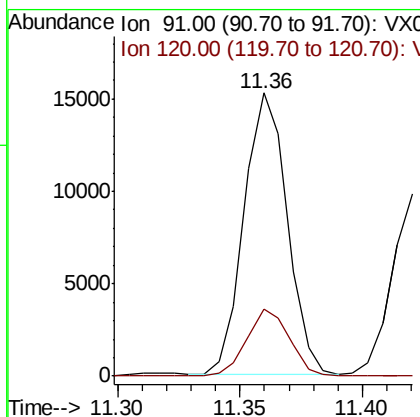
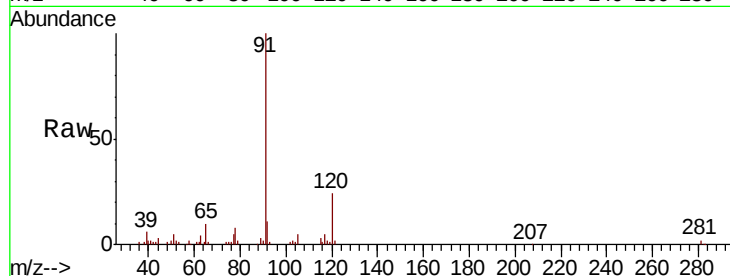
#78
n-propylbenzene
Concen: 0.99 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.9

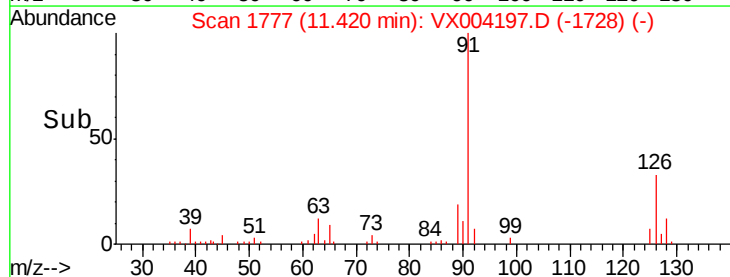
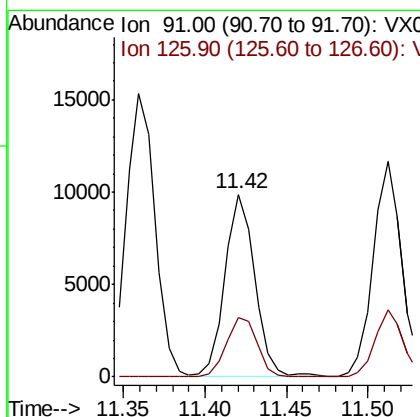
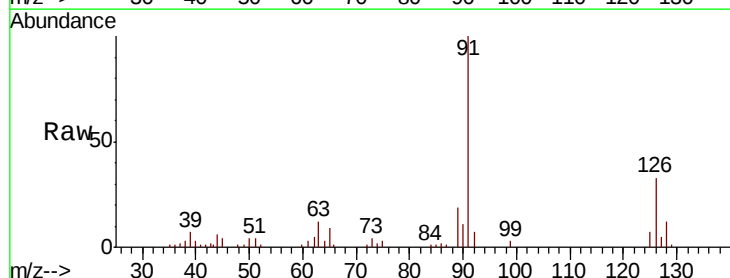
Manual Integrations
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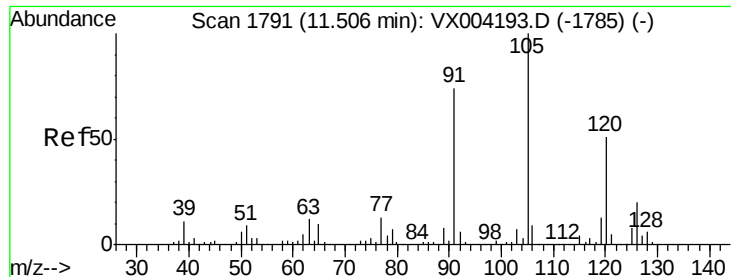
MMDadoda
8/23/2018 9:40:10 AM



#79
2-Chlorotoluene
Concen: 1.10 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	17.9	53.7





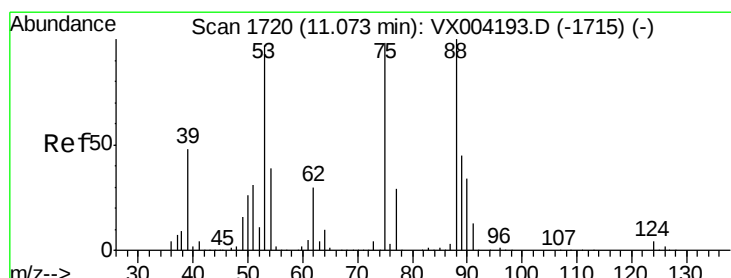
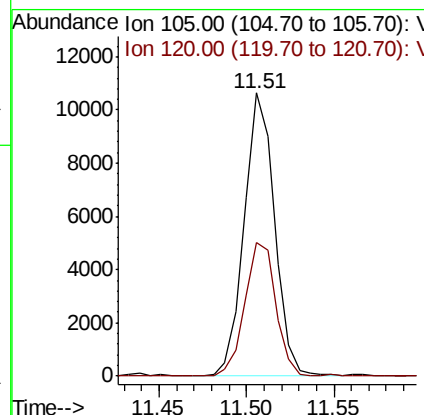
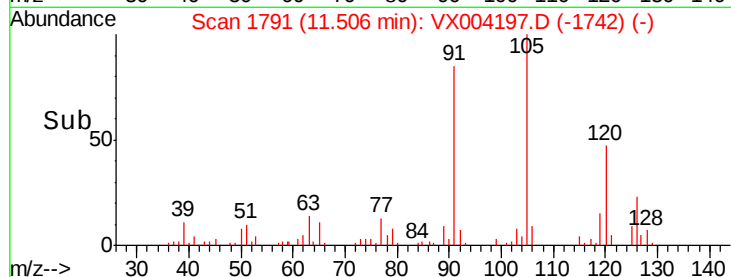
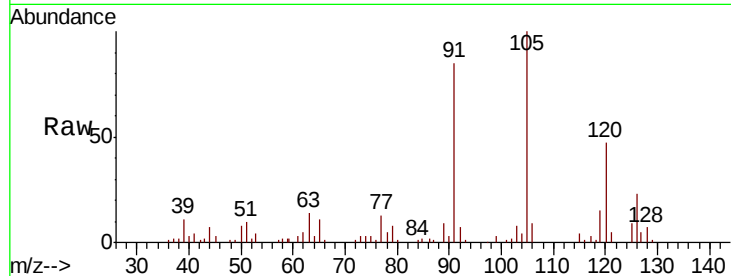
#80
 1,3,5-Trimethylbenzene
 Concen: 0.95 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 12871
 Ion Ratio Lower Upper
 105 100
 120 47.9 25.6 76.8

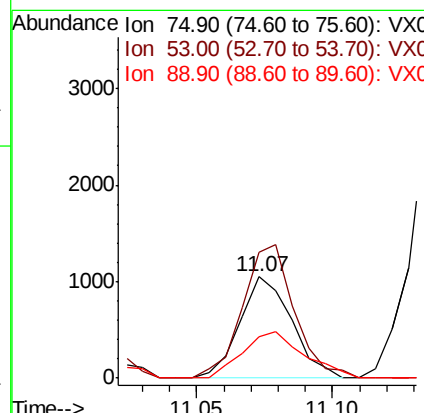
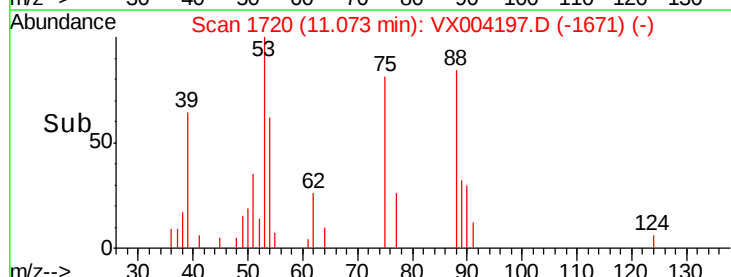
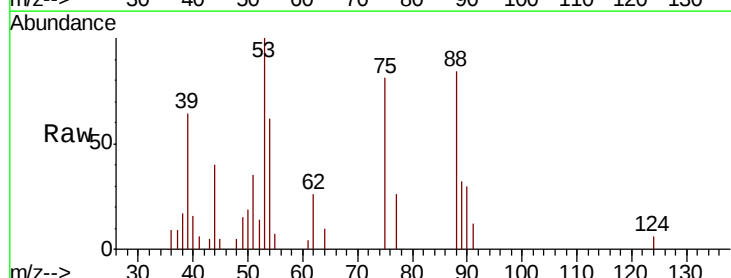
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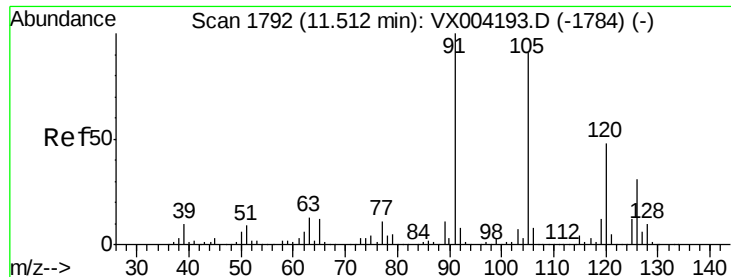
MMDadoda
 8/23/2018 9:40:10 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.89 ug/l
 RT: 11.07 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 75 Resp: 1393
 Ion Ratio Lower Upper
 75 100
 53 130.4 80.1 120.1#
 89 53.3 37.2 55.8





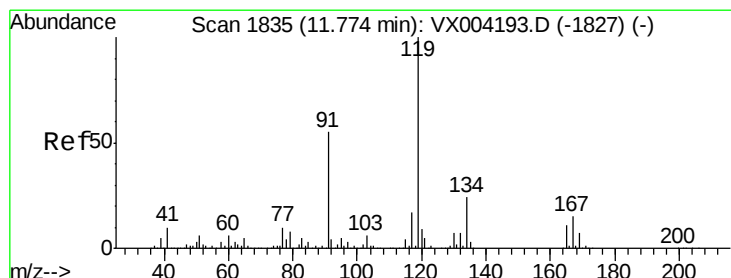
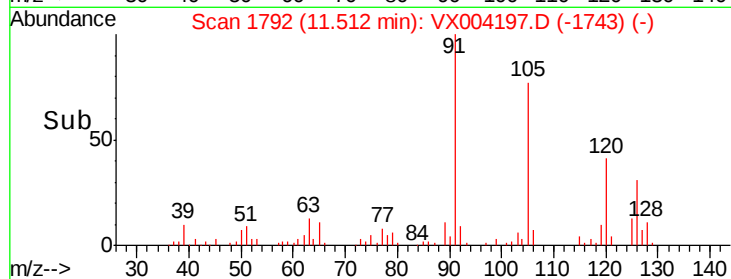
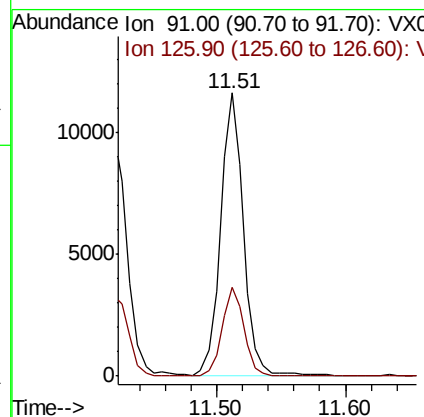
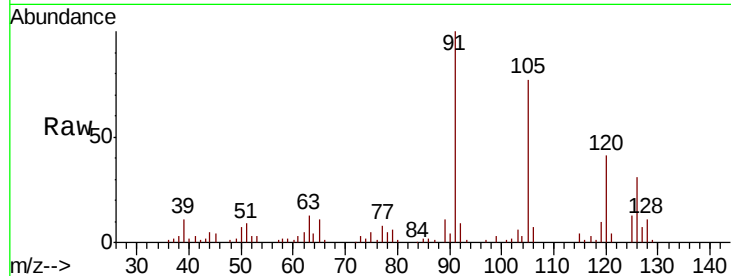
#82
4-Chlorotoluene
Concen: 1.07 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 14601
Ion Ratio Lower Upper
91 100
126 29.6 15.5 46.5

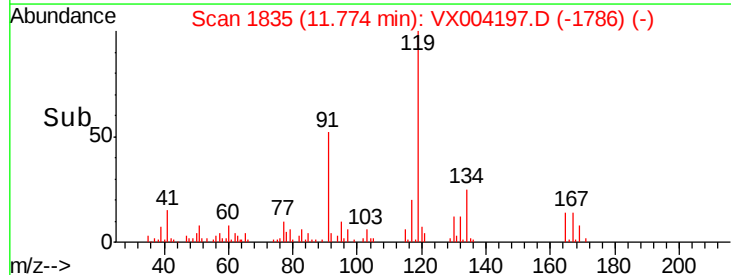
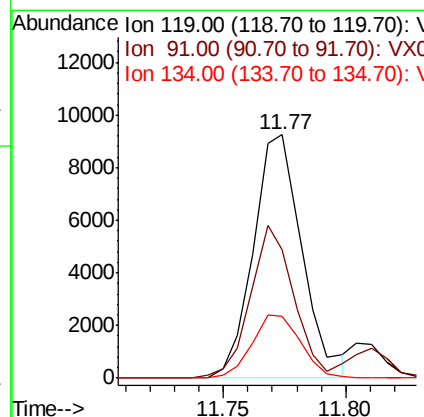
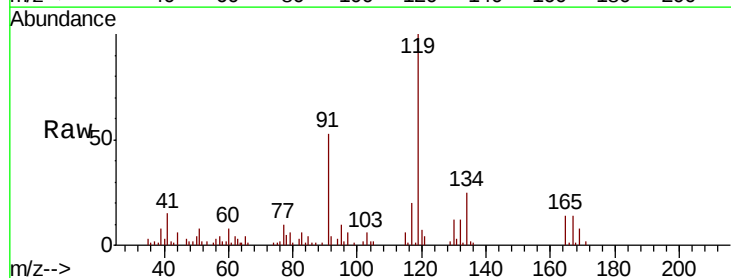
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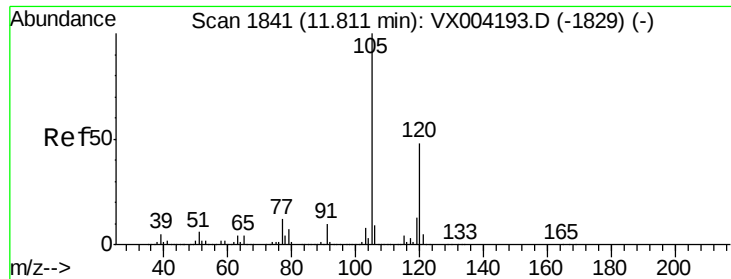
MMDadoda
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#83
tert-Butylbenzene
Concen: 0.94 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion: 119 Resp: 12806
Ion Ratio Lower Upper
119 100
91 55.8 27.0 81.0
134 26.0 11.7 35.1





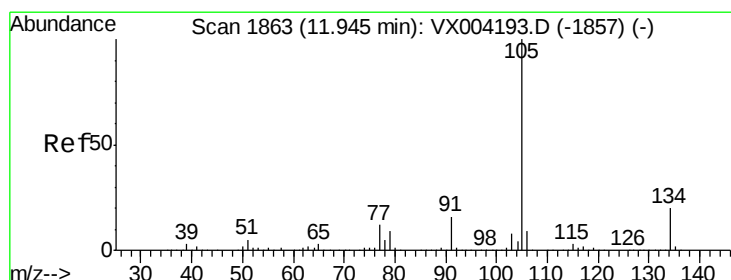
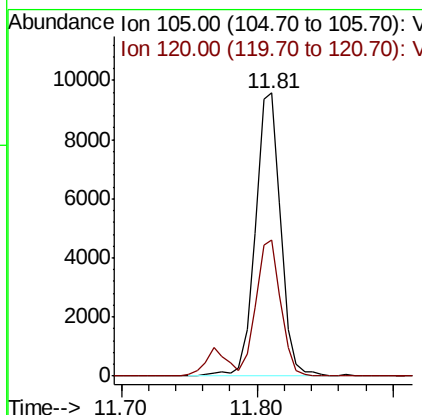
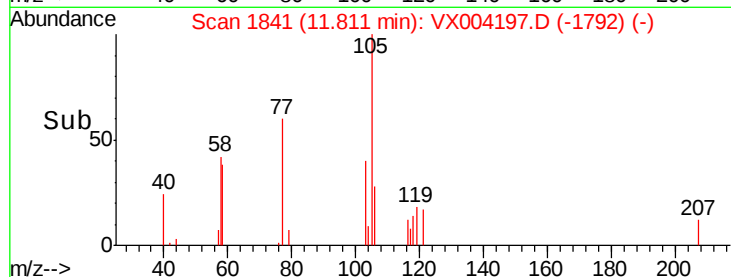
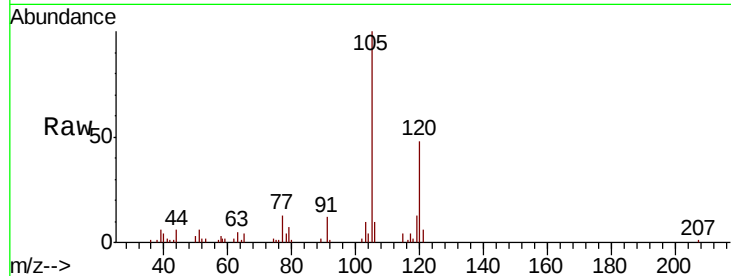
#84
1,2,4-Trimethylbenzene
Concen: 0.90 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:105 Resp: 12539
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.6

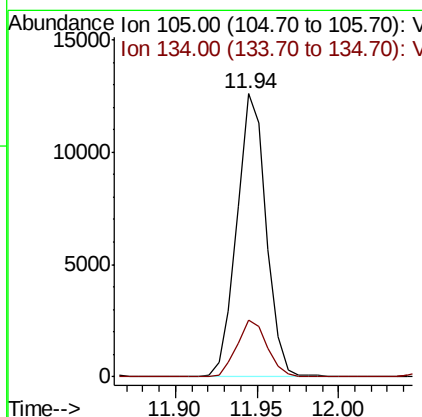
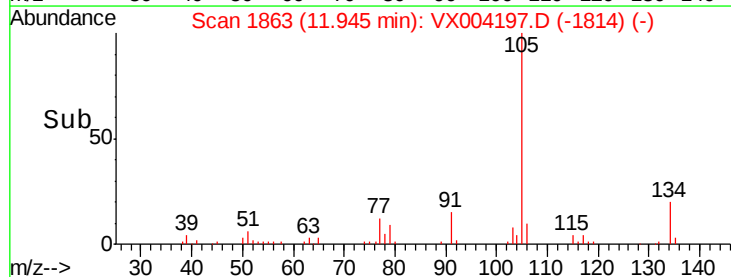
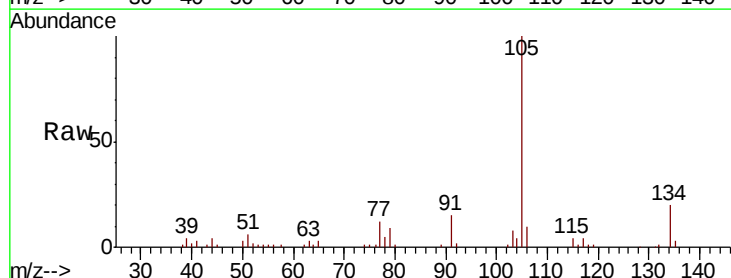
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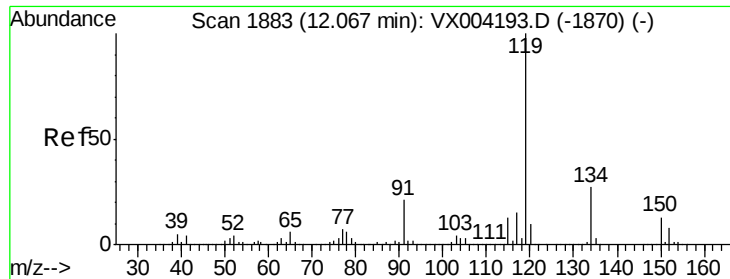
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#85
sec-Butylbenzene
Concen: 0.97 ug/l
RT: 11.94 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:105 Resp: 15768
Ion Ratio Lower Upper
105 100
134 20.9 10.5 31.5





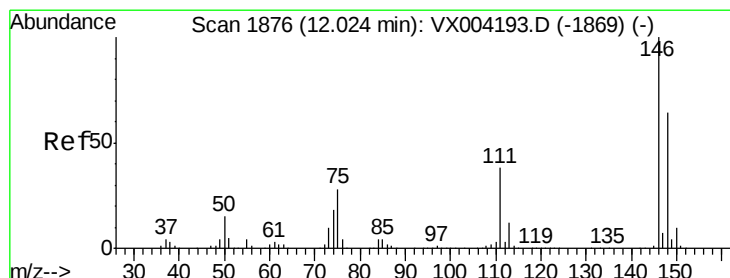
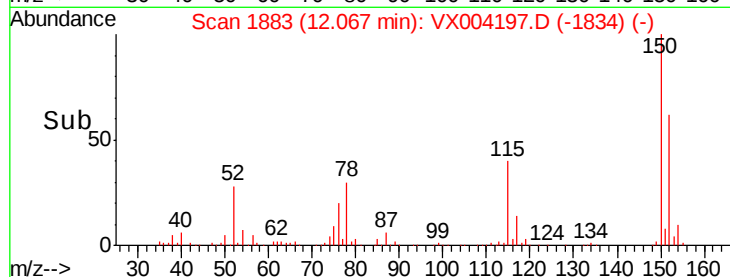
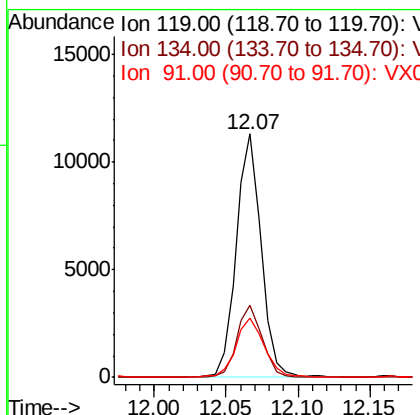
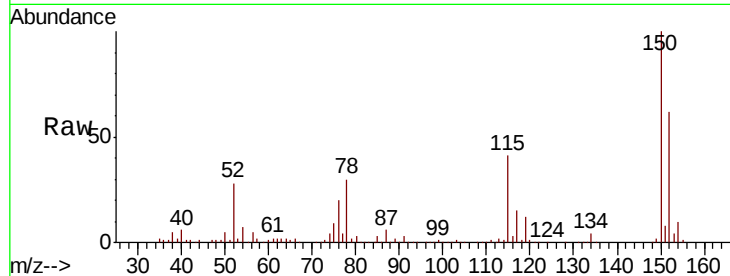
#86
p-Isopropyltoluene
Concen: 0.94 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	13610		
134	29.9	13.4	40.2	
91	28.0	10.9	32.7	

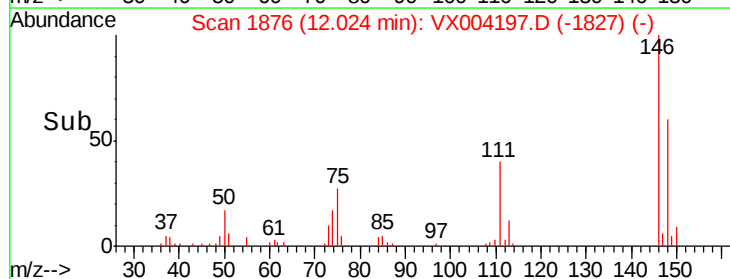
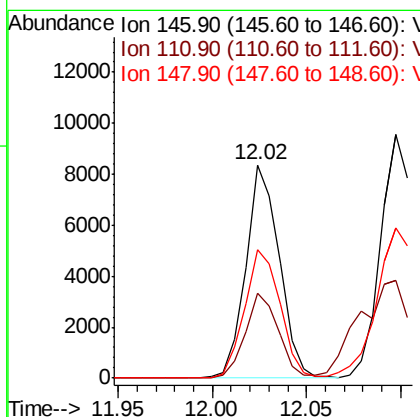
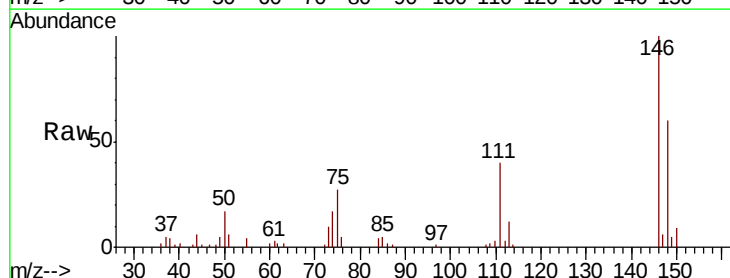
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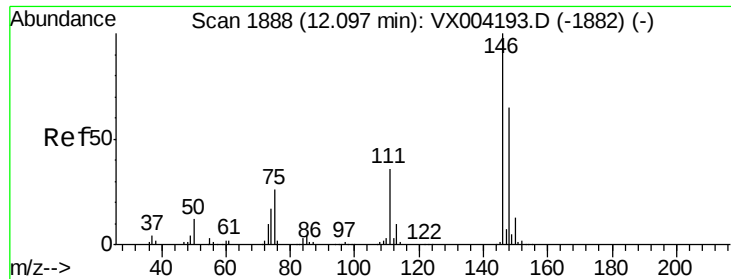
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#87
1,3-Dichlorobenzene
Concen: 1.19 ug/l
RT: 12.02 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	10298		
111	39.7	18.7	56.1	
148	64.0	32.1	96.5	





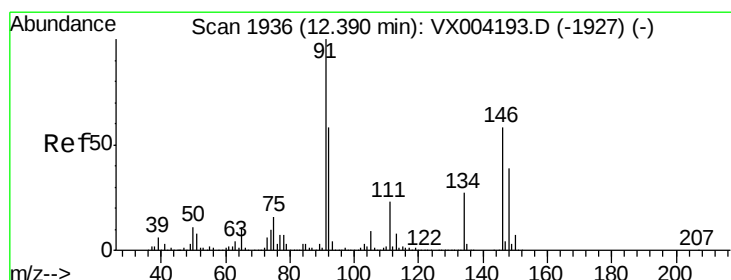
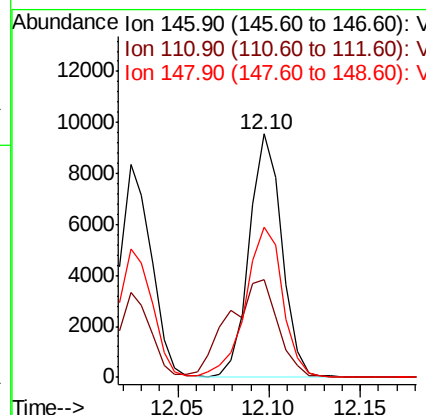
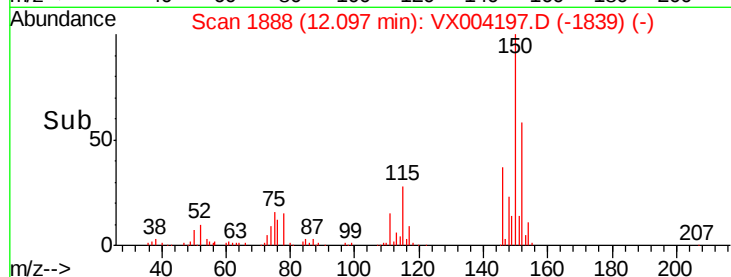
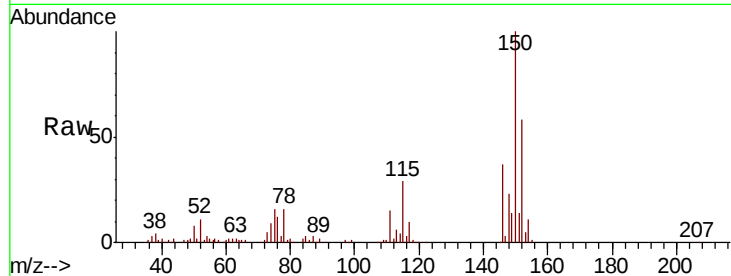
#88
 1,4-Dichlorobenzene
 Concen: 1.30 ug/l m
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.5	18.1	54.1
148	55.6	32.0	96.0

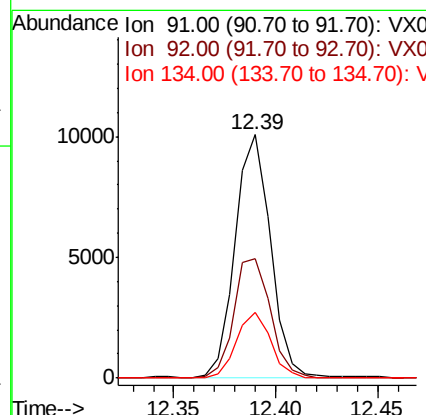
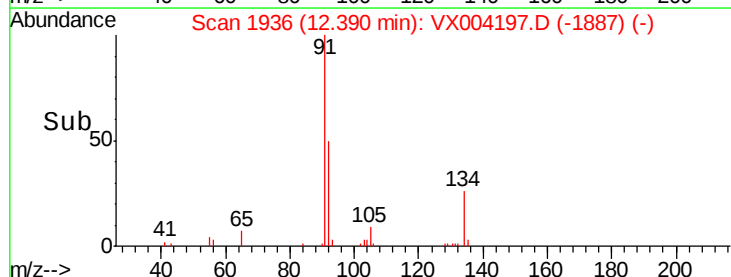
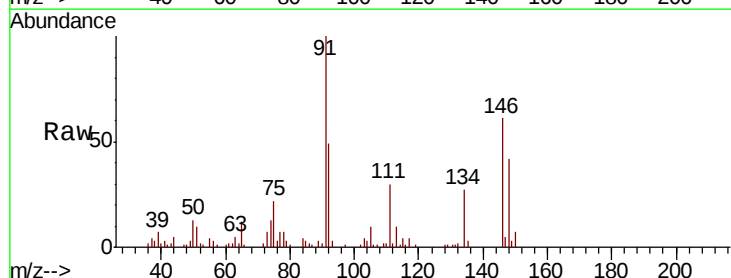
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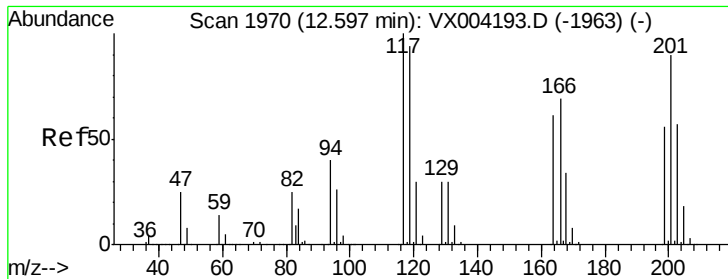
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#89
 n-Butylbenzene
 Concen: 1.03 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.7	27.3	81.9
134	25.9	13.6	40.7





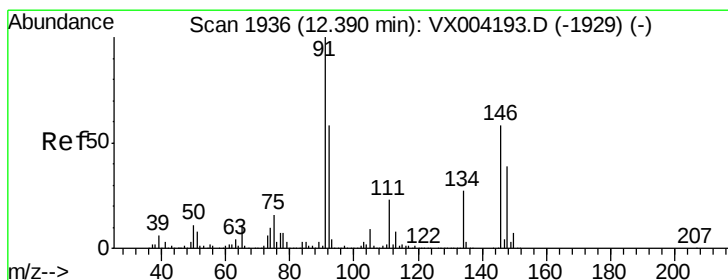
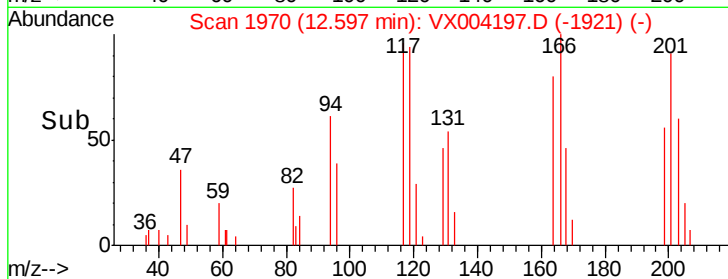
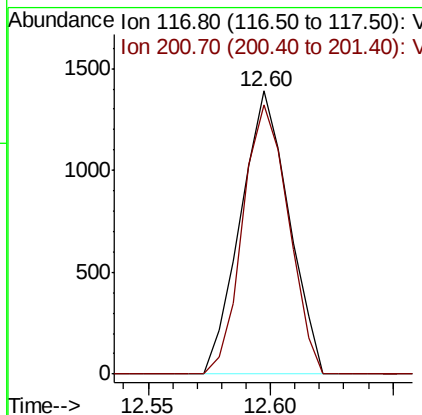
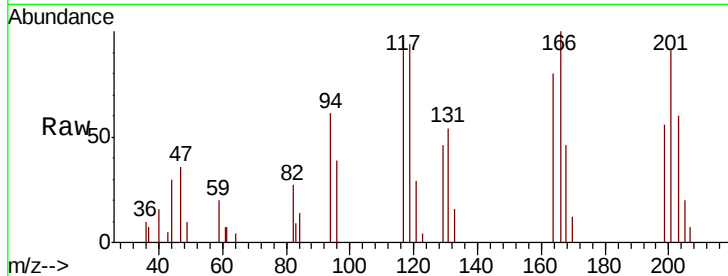
#90
Hexachloroethane
Concen: 0.94 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
201	89.7	46.9	140.6

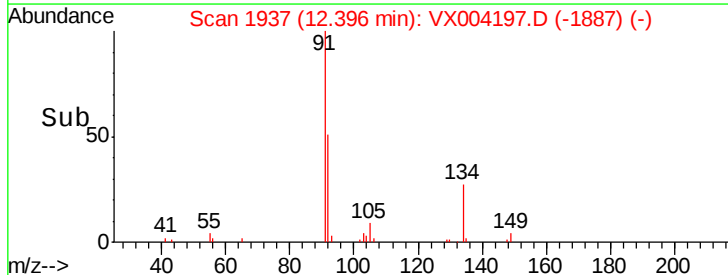
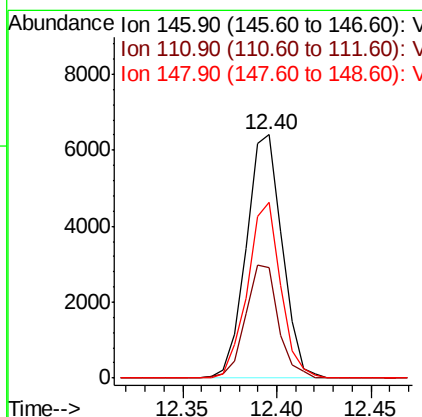
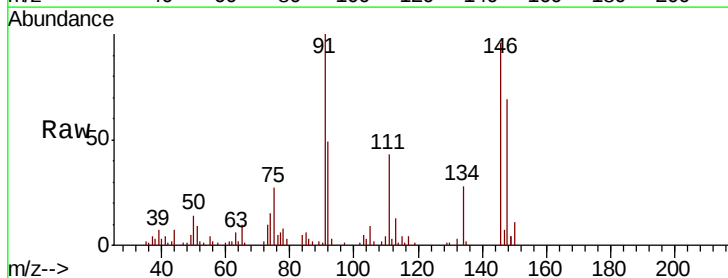
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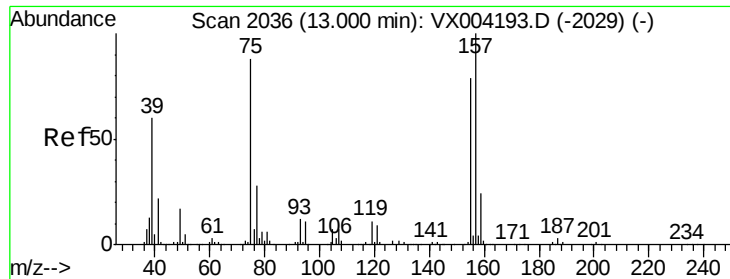
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#91
1,2-Dichlorobenzene
Concen: 1.07 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.4	58.1
148	66.8	32.8	98.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.03 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

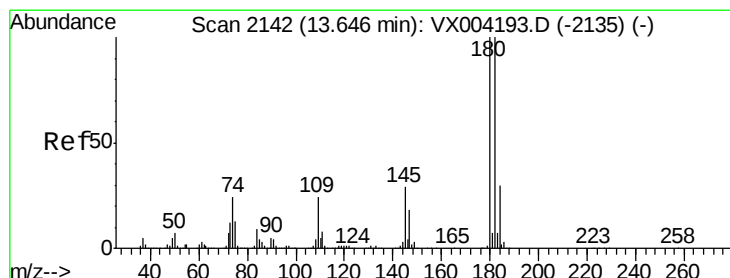
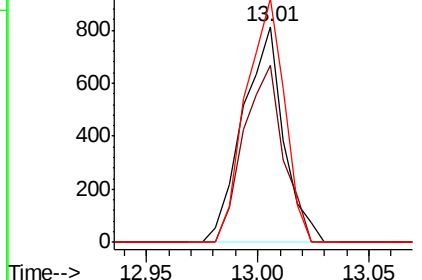
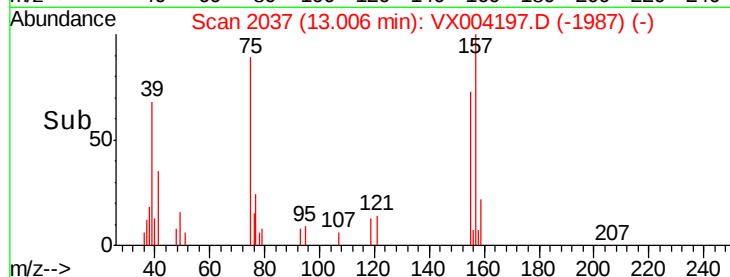
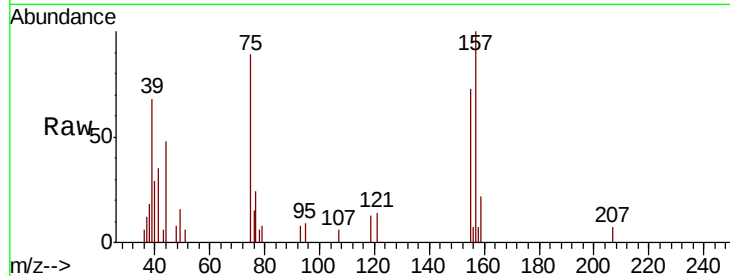
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	1037
Ion	Ratio	Lower	Upper
75	100		
155	79.8	48.0	144.2
157	106.9	61.4	184.1

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#93

1,2,4-Trichlorobenzene

Concen: 1.23 ug/l

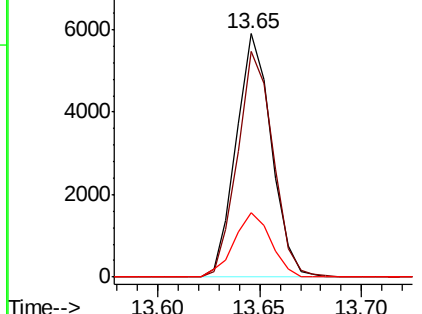
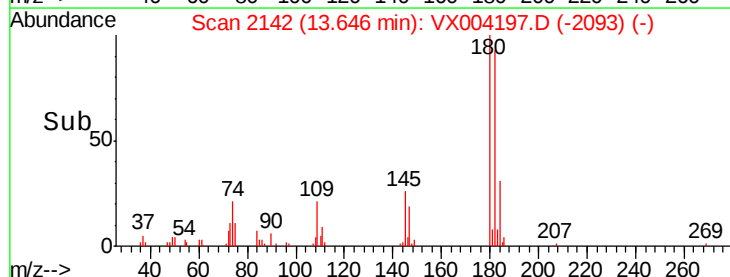
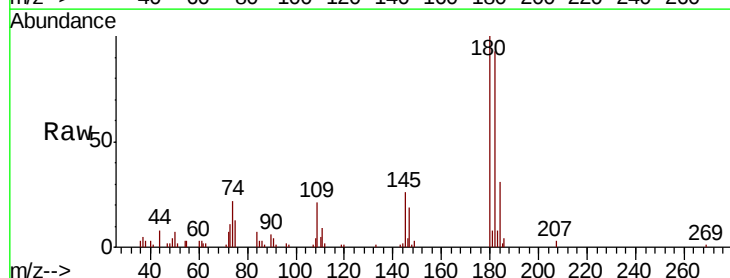
RT: 13.65 min Scan# 2142

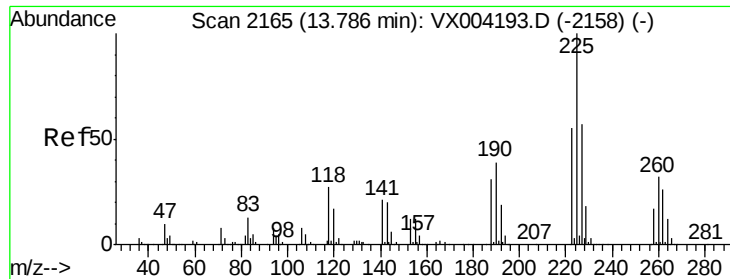
Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion:	180	Resp:	7085
Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.4	145.0
145	27.4	14.3	42.9





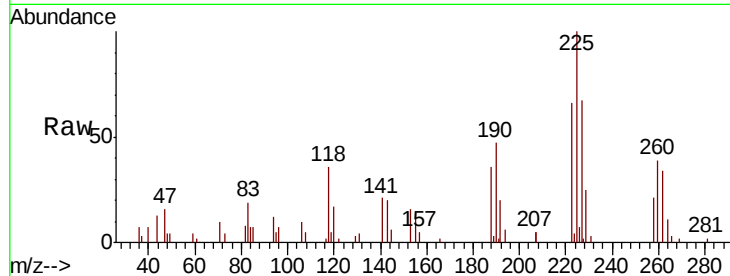
#94
Hexachlorobutadiene
Concen: 1.32 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

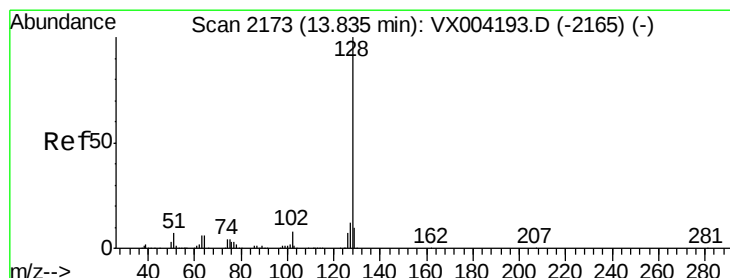
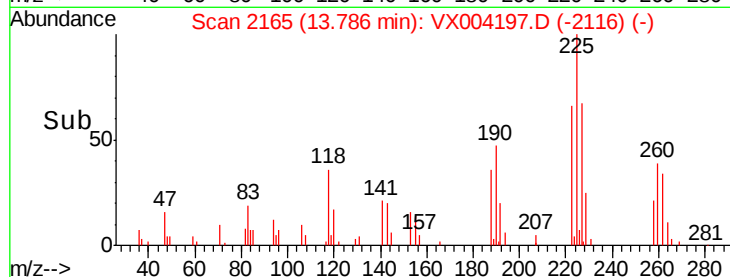
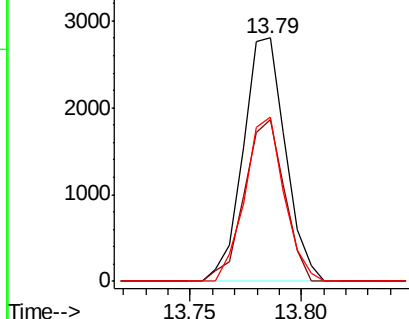
Tot Ion	Ratio	Resp	Lower	Upper
225	100	3721		
223	62.4		30.1	90.5
227	62.6		30.8	92.4

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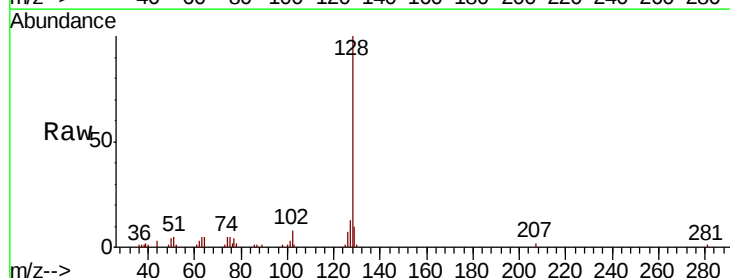


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

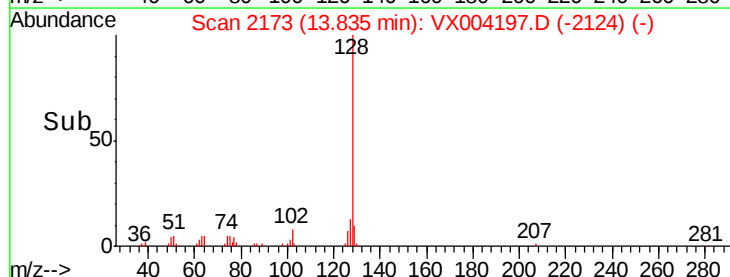
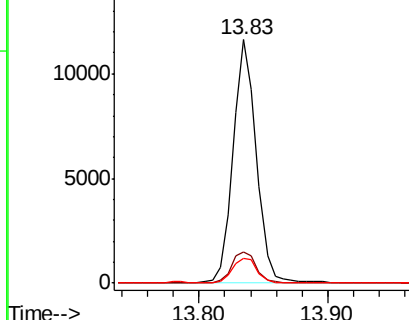


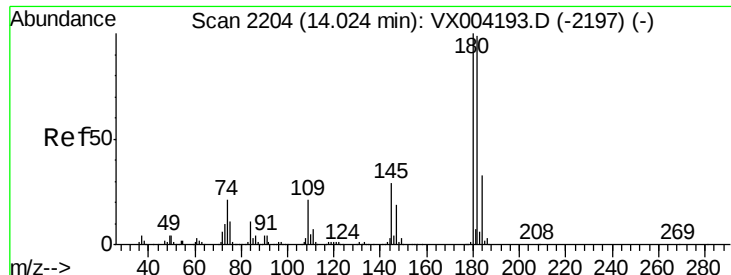
#95
Naphthalene
Concen: 0.90 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	14668		
127	13.5		10.2	15.2
129	10.9		8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.11 ug/l
 RT: 14.02 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.5	145.6
145	31.4	14.9	44.9

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MMDadoda
 8/23/2018 9:40:10 AM

