

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001270.D
 Acq On : 01 May 2018 11:02
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:50 PM

Quant Time: May 02 01:25:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:17:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	238114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151271	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	3427	1.12	ug/l	0.00
Spiked Amount			Recovery	=	2.24%	
35) Dibromofluoromethane	5.51	113	2594	1.20	ug/l	0.00
Spiked Amount			Recovery	=	2.40%	
50) Toluene-d8	8.72	98	7757	0.95	ug/l	0.00
Spiked Amount			Recovery	=	1.90%	
62) 4-Bromofluorobenzene	11.14	95	3238	1.02	ug/l	0.00
Spiked Amount			Recovery	=	2.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2070	0.96	ug/l	96
3) Chloromethane	1.32	50	2519	1.14	ug/l	99
4) Vinyl Chloride	1.40	62	2607	1.11	ug/l	99
5) Bromomethane	1.65	94	2576	1.56	ug/l	90
6) Chloroethane	1.73	64	1610	1.10	ug/l #	81
7) Trichlorofluoromethane	1.93	101	4170	1.09	ug/l	99
8) Diethyl Ether	2.19	74	1376	0.96	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2577	1.22	ug/l	98
12) 1,1-Dichloroethene	2.38	96	2349	1.16	ug/l	90
14) Allyl chloride	2.73	41	3546	0.97	ug/l #	87
15) Acrylonitrile	3.14	53	6213	4.86	ug/l	98
16) Acetone	2.44	43	6716	5.30	ug/l	98
17) Carbon Disulfide	2.57	76	6672	1.29	ug/l	98
18) Methyl Acetate	2.78	43	3055	0.98	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	7288	0.99	ug/l #	88
20) Methylene Chloride	2.85	84	3987	1.68	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	2655	1.19	ug/l	98
22) Diisopropyl ether	3.87	45	7397	1.02	ug/l	93
23) Vinyl Acetate	3.82	43	29410	4.78	ug/l	99
24) 1,1-Dichloroethane	3.70	63	4498	1.16	ug/l	97
25) 2-Butanone	4.70	43	8759	4.70	ug/l	92
26) 2,2-Dichloropropane	4.59	77	3276	1.07	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	2851	1.17	ug/l	99
28) Bromochloromethane	5.02	49	1622	0.93	ug/l #	98
29) Tetrahydrofuran	5.17	42	5477	4.59	ug/l	99
30) Chloroform	5.22	83	4562	1.11	ug/l	84
31) Cyclohexane	5.57	56	3974	1.20	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	3588	1.01	ug/l #	50
36) 1,1-Dichloropropene	5.79	75	3672	1.27	ug/l	99
37) Ethyl Acetate	4.86	43	3541	1.05	ug/l #	88
38) Carbon Tetrachloride	5.79	117	3483	1.17	ug/l #	94
39) Methylcyclohexane	7.46	83	4033	1.24	ug/l #	85
40) Benzene	6.14	78	9877	1.19	ug/l	99
41) Methacrylonitrile	5.06	41	2170	1.15	ug/l	88

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	3977	1.20	ug/l	100
43) Isopropyl Acetate	6.47	43	5081	0.96	ug/l	99
44) Trichloroethene	7.22	130	3109	1.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	2514	1.15	ug/l	93
46) Dibromomethane	7.67	93	1744	1.16	ug/l	96
47) Bromodichloromethane	7.90	83	2719	0.99	ug/l #	98
48) Methyl methacrylate	7.78	41	2772	0.98	ug/l	94
49) 1,4-Dioxane	7.76	88	1072	19.19	ug/l #	89
51) 4-Methyl-2-Pentanone	8.65	43	14825	4.26	ug/l	99
52) Toluene	8.79	92	5918	1.09	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	3288	1.03	ug/l	89
54) cis-1,3-Dichloropropene	9.04	75	2645	0.89	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	2346	1.02	ug/l #	89
56) Ethyl methacrylate	9.18	69	2722	0.81	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	3863	1.04	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	7135	4.46	ug/l	98
59) 2-Hexanone	9.50	43	11248	4.11	ug/l	98
60) Dibromochloromethane	9.59	129	2138	0.92	ug/l	96
61) 1,2-Dibromoethane	9.68	107	2492	1.04	ug/l	97
64) Tetrachloroethene	9.34	164	3420	1.32	ug/l	96
65) Chlorobenzene	10.14	112	7401	1.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	2088	0.96	ug/l #	67
67) Ethyl Benzene	10.26	91	11729	1.15	ug/l	98
68) m/p-Xylenes	10.36	106	8880	2.19	ug/l	95
69) o-Xylene	10.70	106	4312	1.10	ug/l	97
70) Styrene	10.71	104	6721	1.03	ug/l	99
71) Bromoform	10.87	173	1682	0.89	ug/l #	99
73) Isopropylbenzene	11.02	105	11472	1.16	ug/l	99
74) N-amyl acetate	6.47	43	5081	1.04	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	3453	1.07	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	2962m	0.98	ug/l	
77) Bromobenzene	11.26	156	3272	1.12	ug/l	95
78) n-propylbenzene	11.37	91	11809	1.07	ug/l	98
79) 2-Chlorotoluene	11.43	91	7523	1.10	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	8723	1.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	574	0.75	ug/l #	75
82) 4-Chlorotoluene	11.52	91	8893	1.09	ug/l	99
83) tert-Butylbenzene	11.77	119	8513	1.02	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	8824	1.02	ug/l	96
85) sec-Butylbenzene	11.95	105	10404	1.06	ug/l	98
86) p-Isopropyltoluene	12.07	119	9279	1.02	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	6660	1.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	7037m	1.28	ug/l	
89) n-Butylbenzene	12.40	91	8203	1.04	ug/l	97
90) Hexachloroethane	12.60	117	1115	0.86	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	6299	1.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	561	0.79	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	5605	1.34	ug/l	96
94) Hexachlorobutadiene	13.79	225	2970	1.48	ug/l	97
95) Naphthalene	13.84	128	12340	1.07	ug/l	99

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ClientSampleId :
VSTDICC001

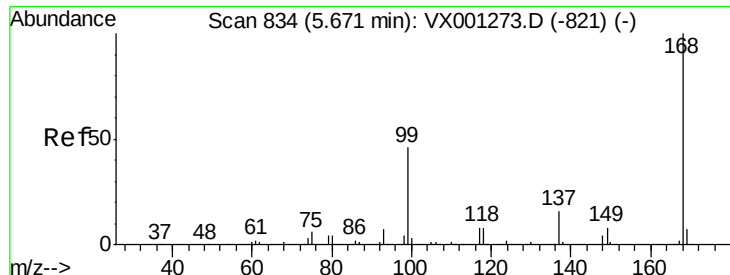
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5184	1.25	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: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 200212

Ion Ratio Lower Upper

168 100

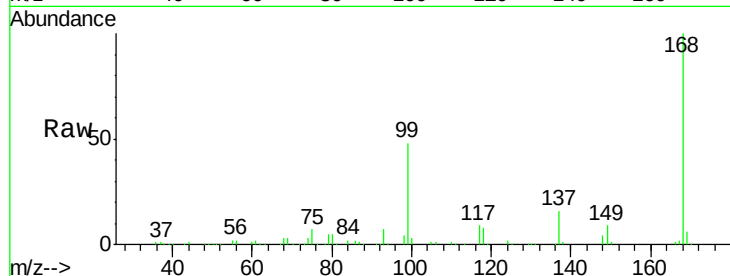
99 48.3 36.5 54.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

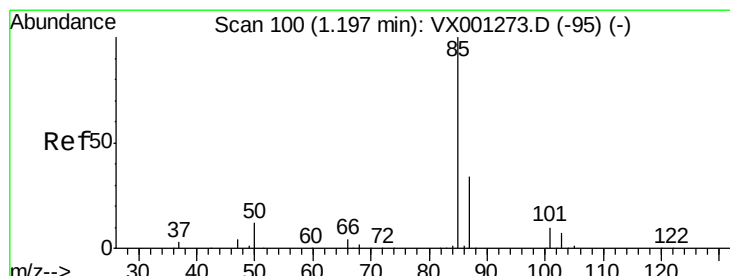
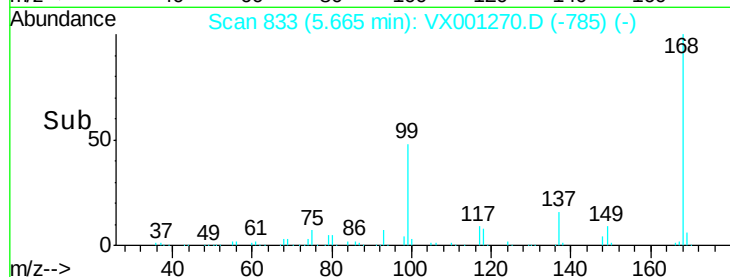
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001270.D

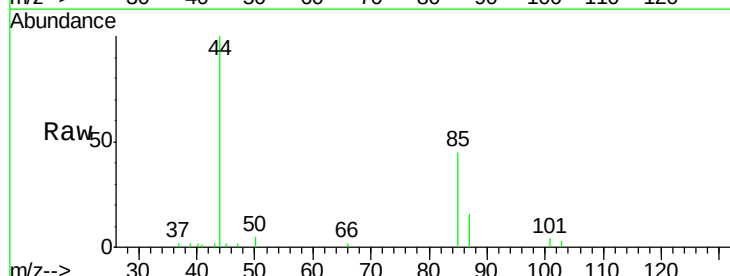
Acq: 01 May 2018 11:02

Tgt Ion: 85 Resp: 2070

Ion Ratio Lower Upper

85 100

87 35.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2000

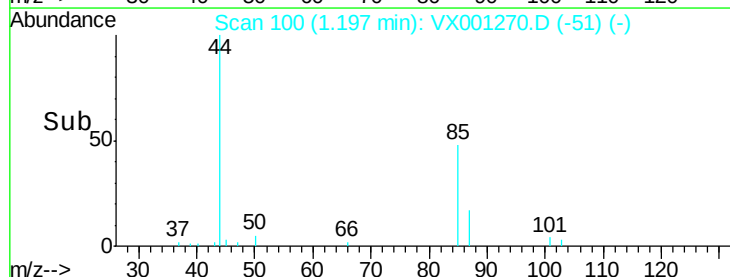
1500

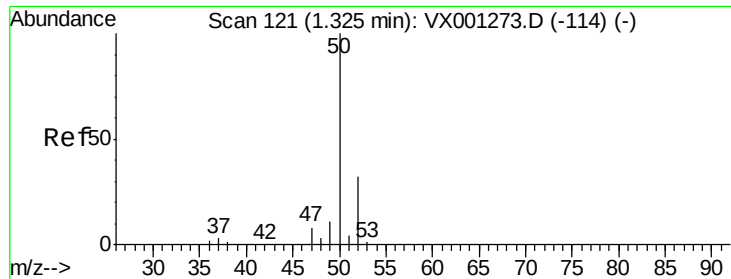
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.14 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2519

Ion Ratio Lower Upper

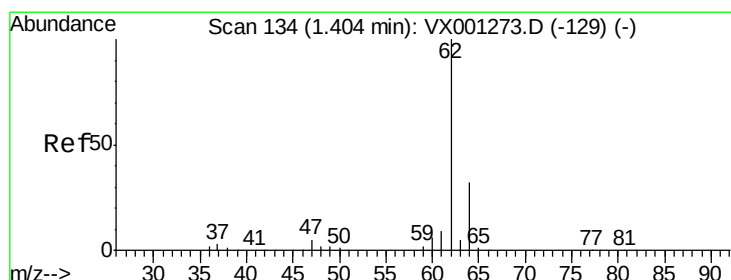
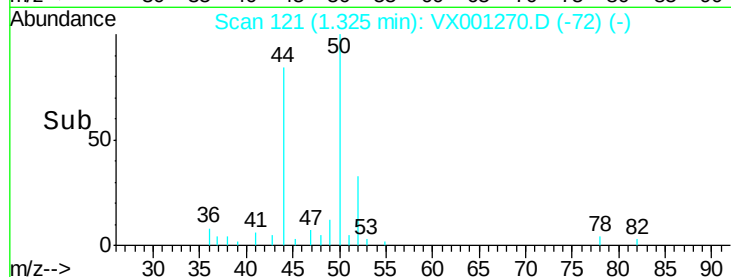
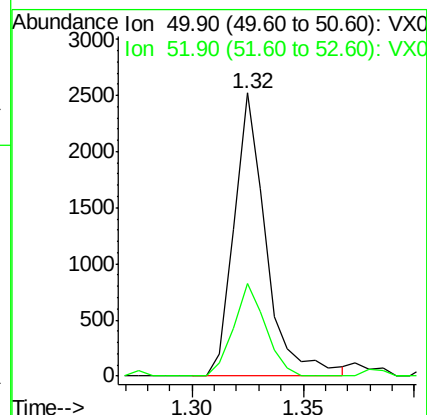
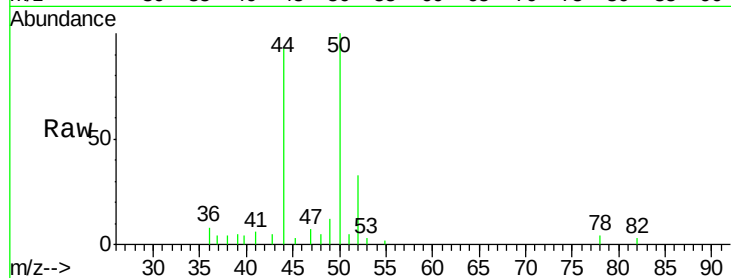
50 100

52 32.8 25.7 38.5

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#4

Vinyl Chloride

Concen: 1.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001270.D

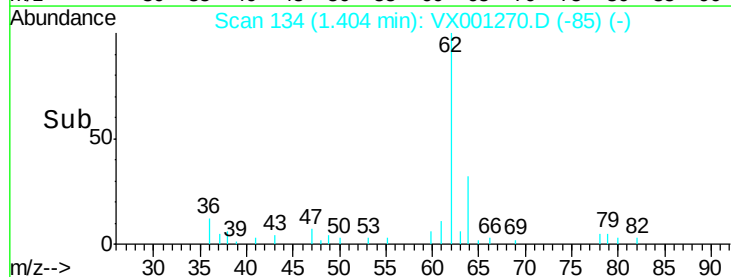
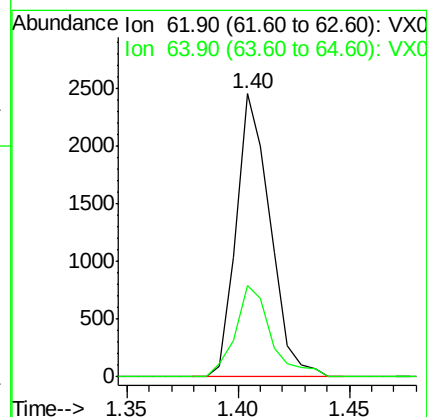
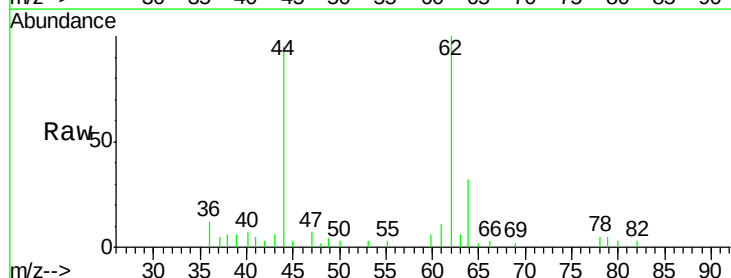
Acq: 01 May 2018 11:02

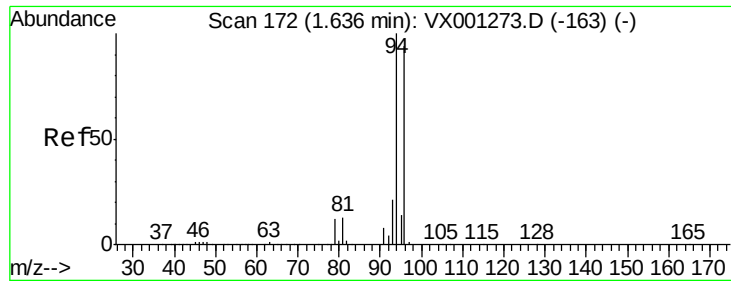
Tgt Ion: 62 Resp: 2607

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 1.56 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2576

Ion Ratio Lower Upper

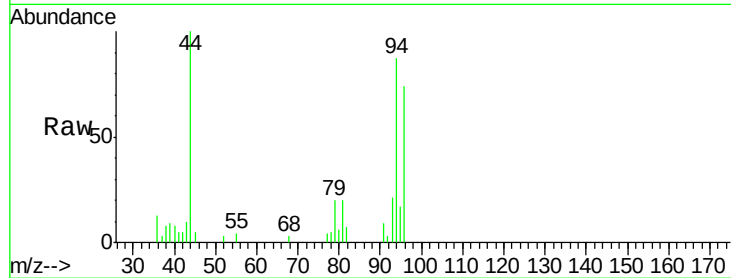
94 100

96 85.3 75.6 113.4

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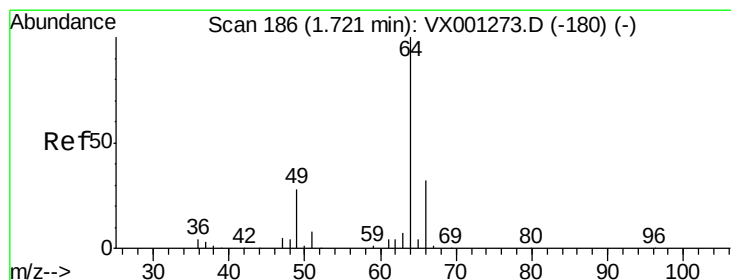
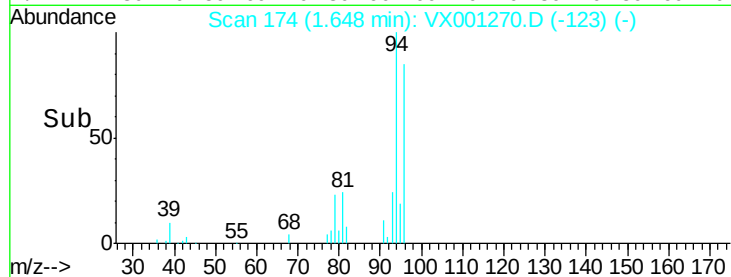
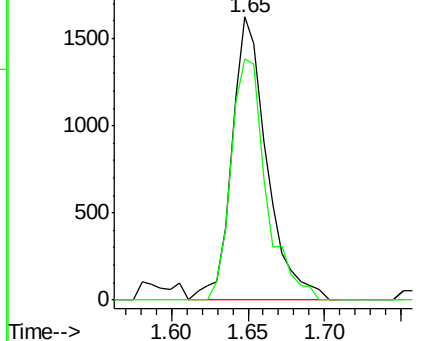
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.10 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001270.D

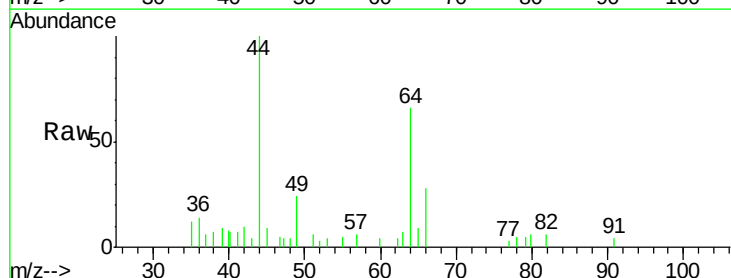
Acq: 01 May 2018 11:02

Tgt Ion: 64 Resp: 1610

Ion Ratio Lower Upper

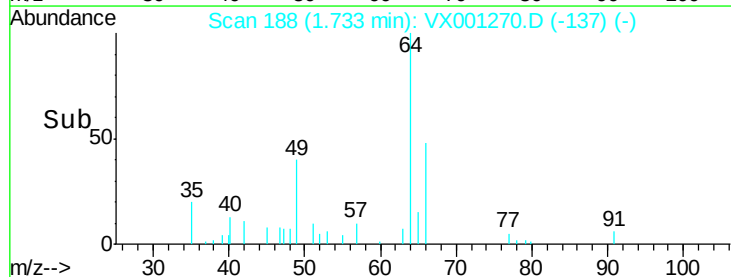
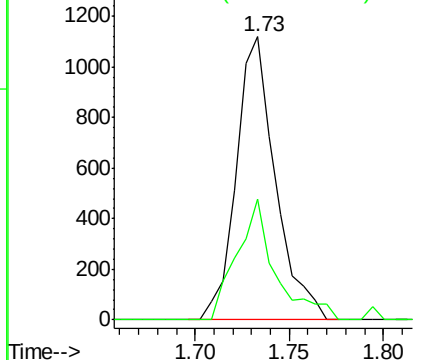
64 100

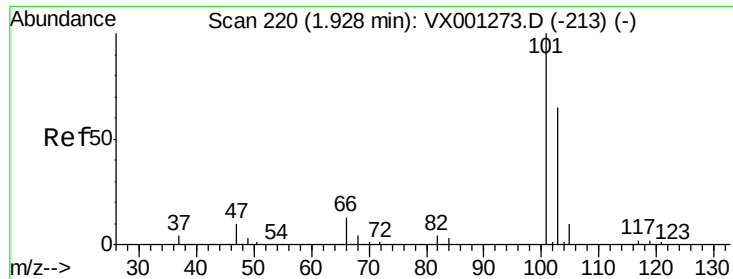
66 42.6 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.09 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:101 Resp: 4170

Ion Ratio Lower Upper

101 100

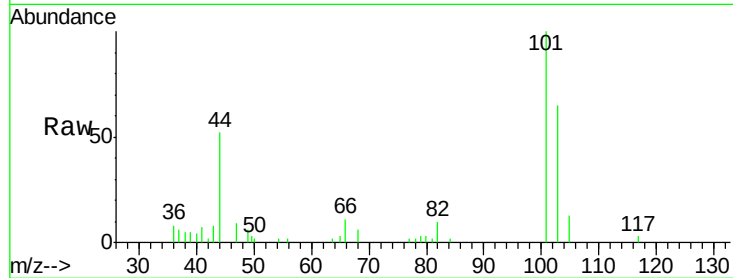
103 65.4 51.8 77.8

Manual Integrations

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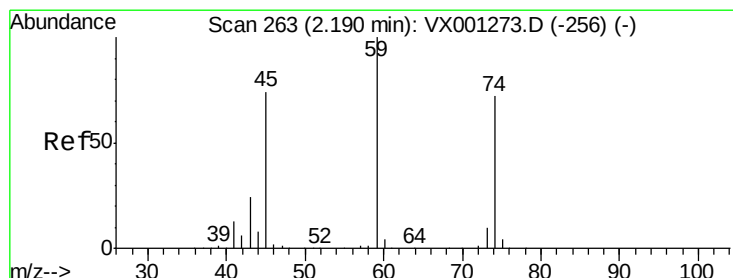
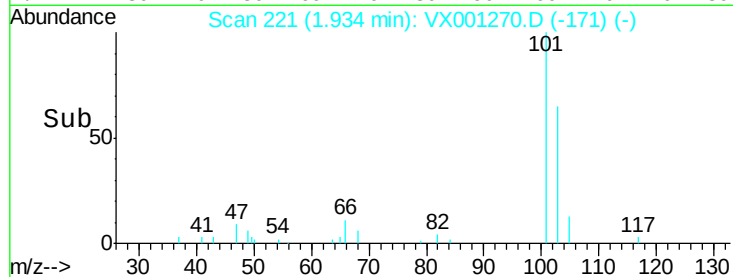
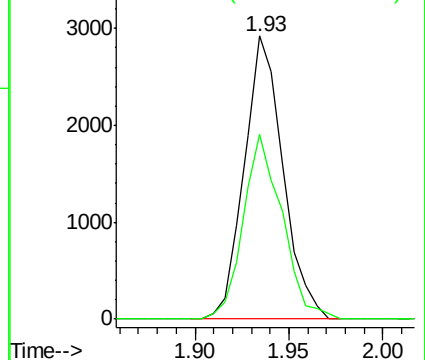
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.96 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001270.D

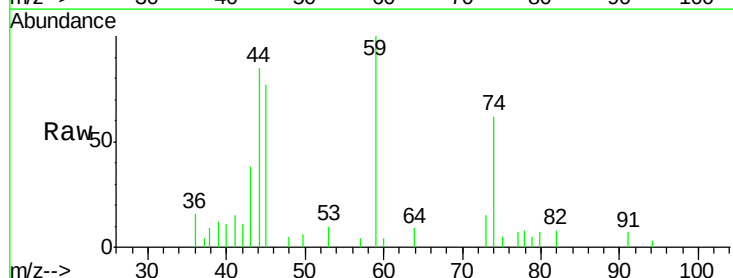
Acq: 01 May 2018 11:02

Tgt Ion: 74 Resp: 1376

Ion Ratio Lower Upper

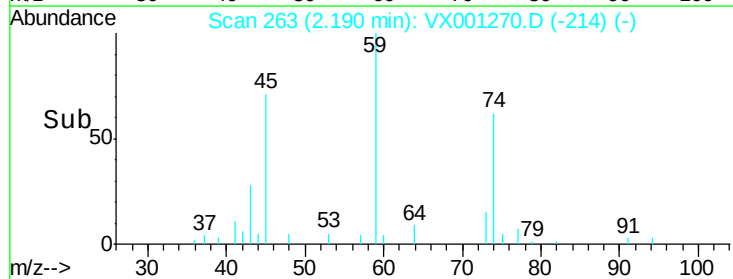
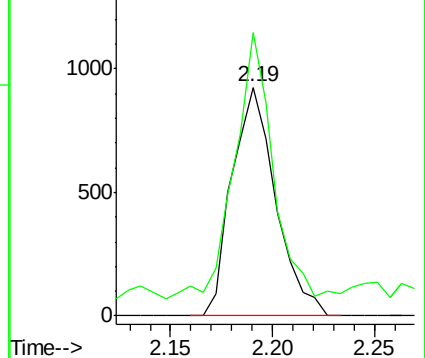
74 100

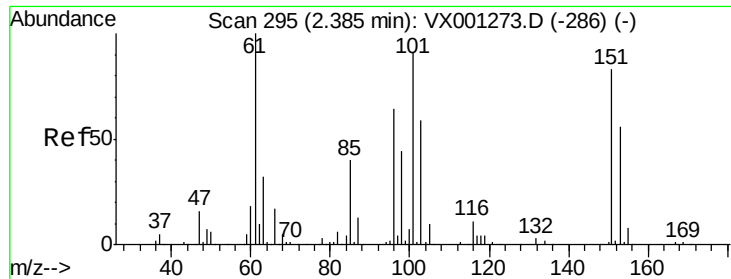
45 106.5 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.22 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

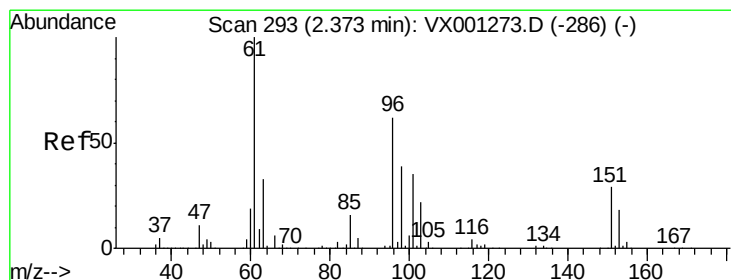
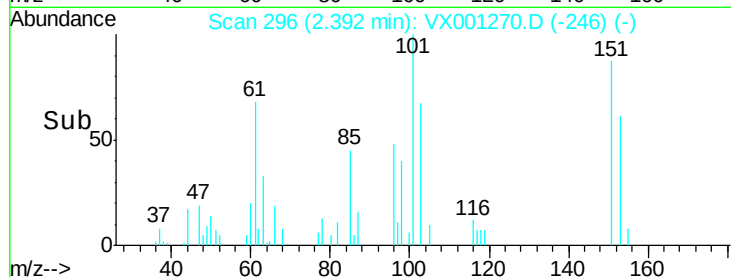
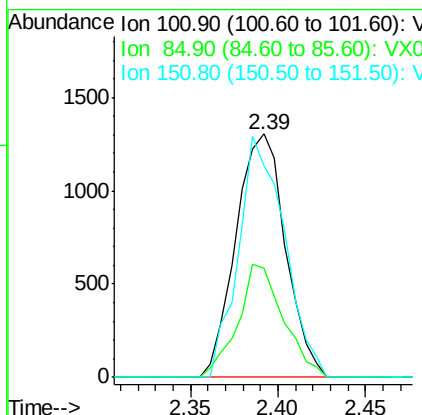
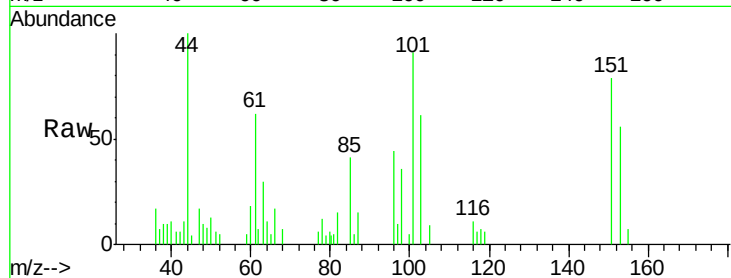
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	2577
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.6	53.4
151	92.0	74.8	112.2

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.16 ug/l

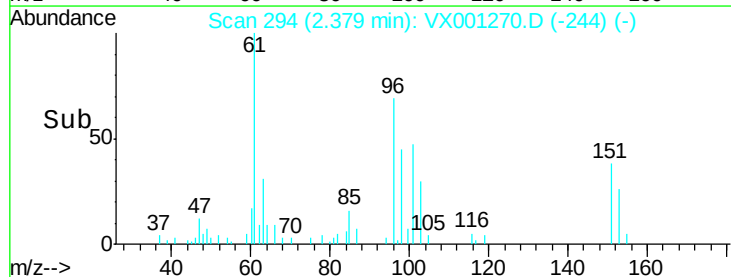
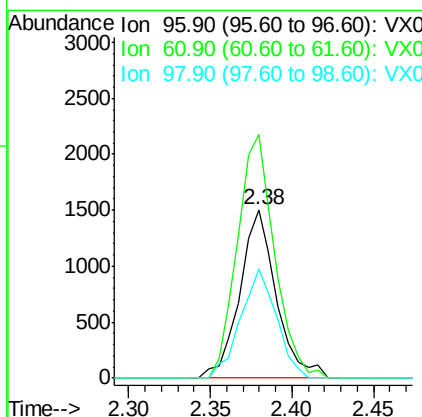
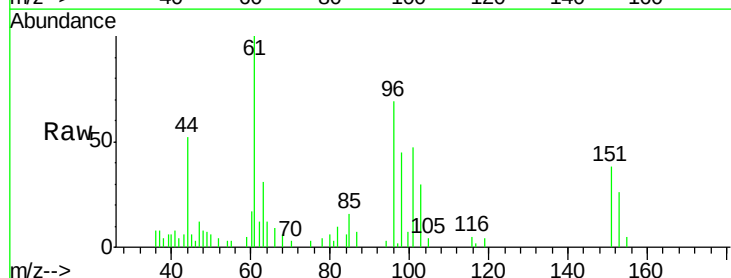
RT: 2.38 min Scan# 294

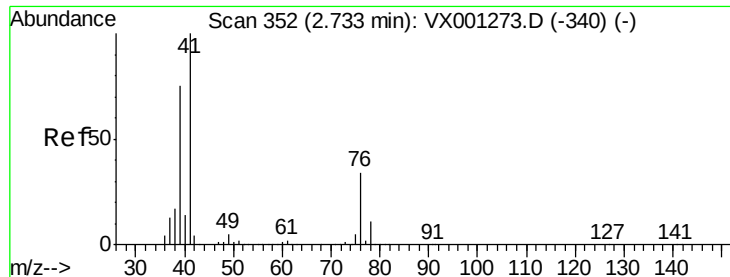
Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	96	Resp:	2349
Ion Ratio	Lower	Upper	
96	100		
61	144.7	130.1	195.1
98	64.7	50.3	75.5





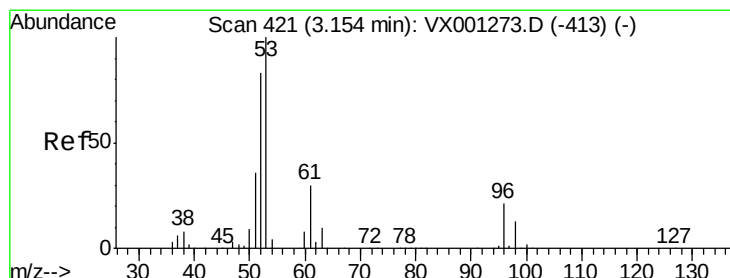
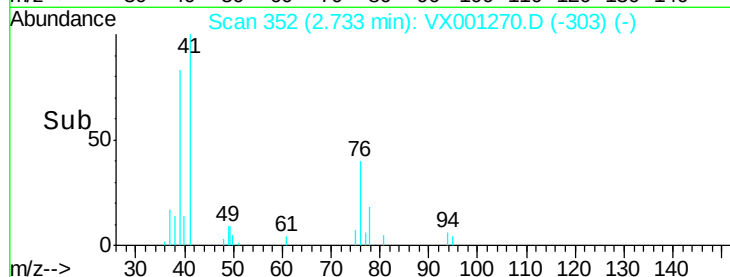
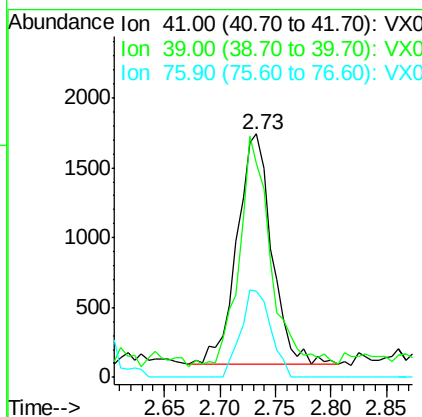
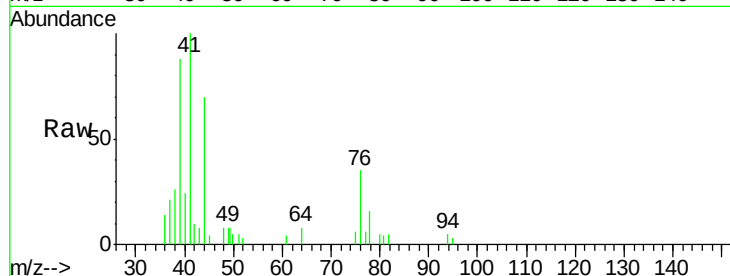
#14
Allvl chloride
Concen: 0.97 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	87.2	58.1	87.1#
76	33.1	25.1	37.7

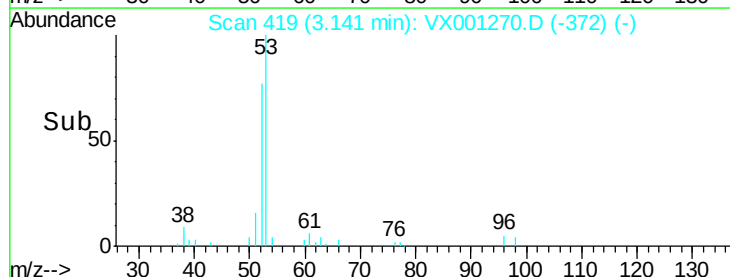
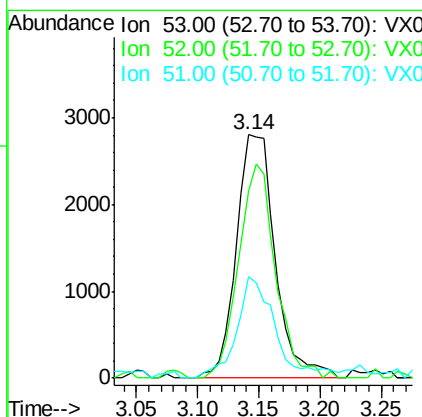
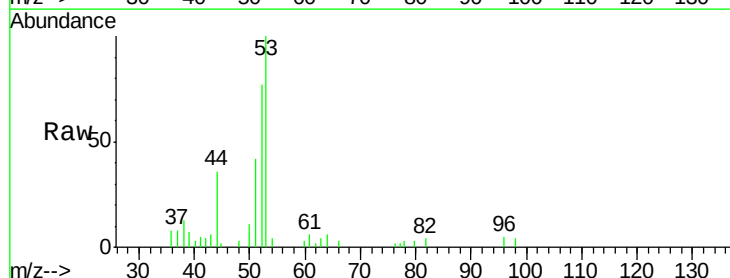
Manual Integrations
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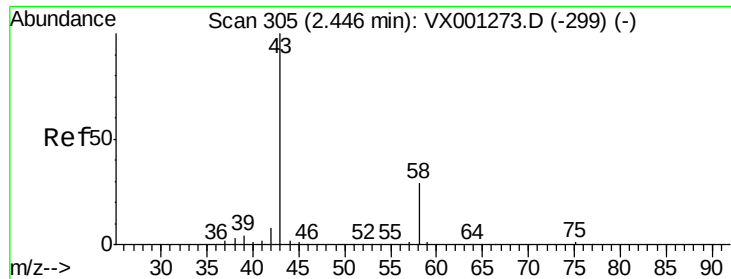
MMDadoda
5/2/2018 4:20:50 PM



#15
Acrylonitrile
Concen: 4.86 ug/l
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.0	100.4
51	41.3	29.9	44.9





#16

Acetone

Concen: 5.30 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 6716

Ion Ratio Lower Upper

43 100

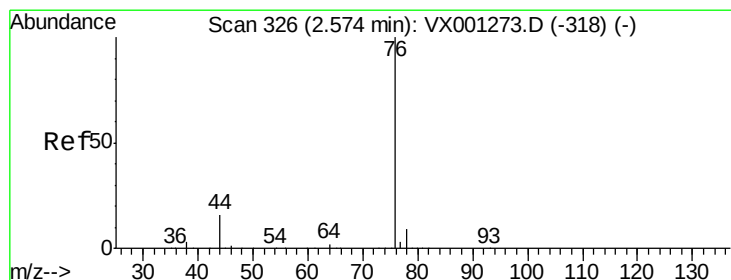
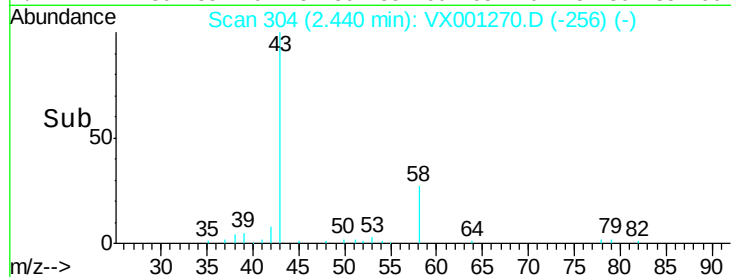
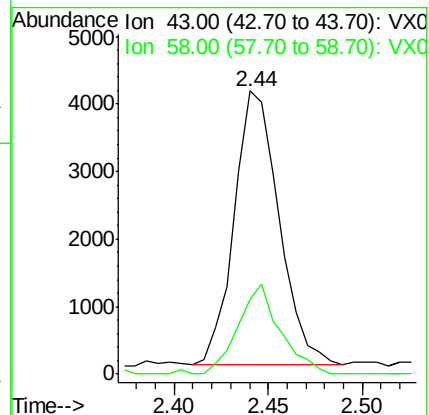
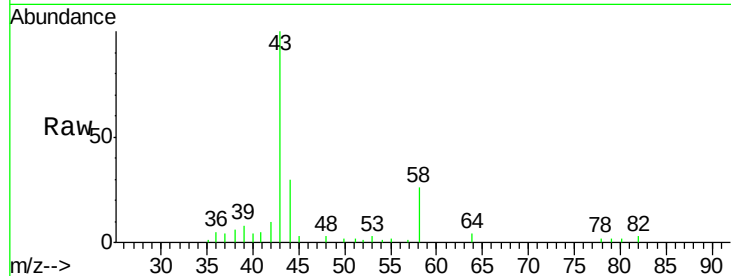
58 27.2 22.8 34.2

Manual Integrations

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#17

Carbon Disulfide

Concen: 1.29 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001270.D

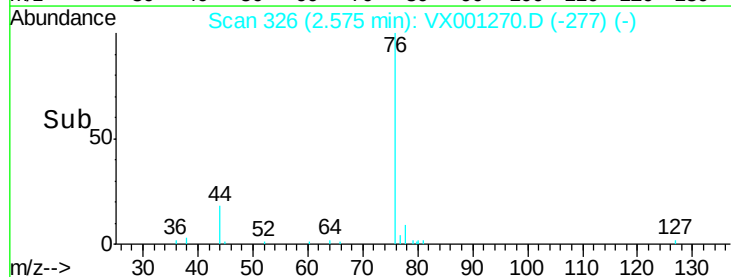
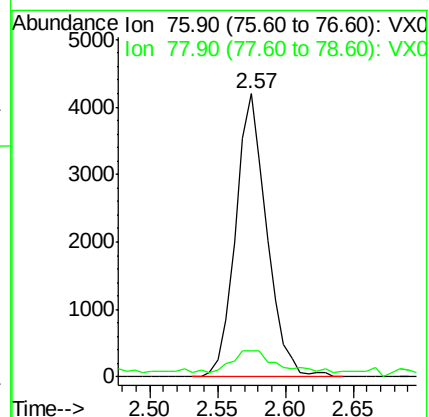
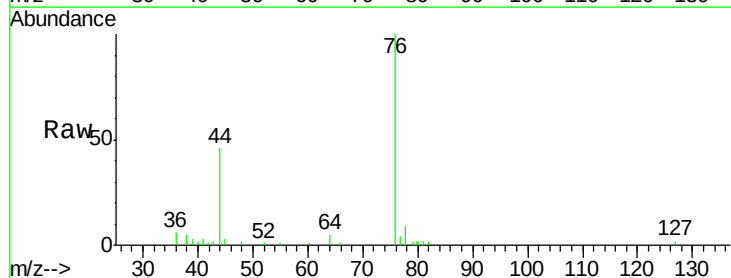
Acq: 01 May 2018 11:02

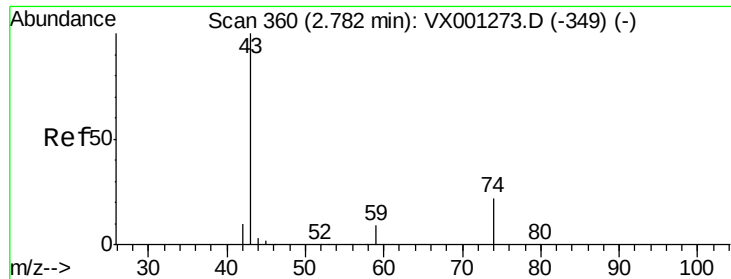
Tgt Ion: 76 Resp: 6672

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.4





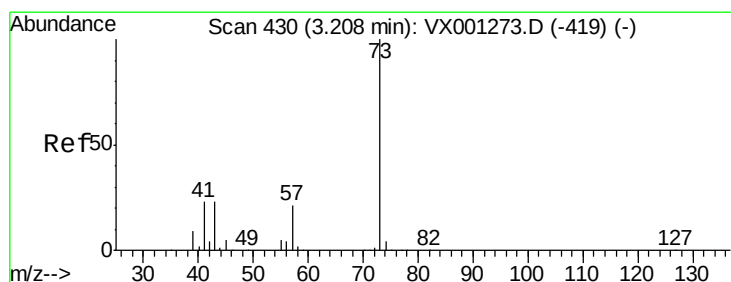
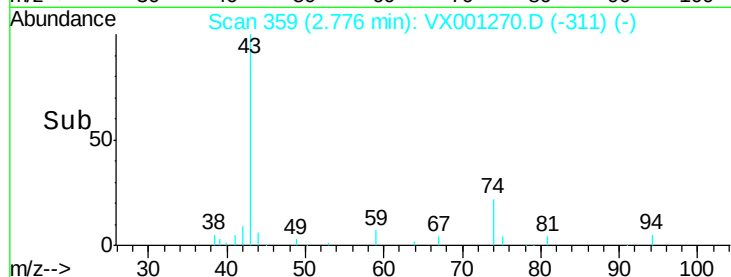
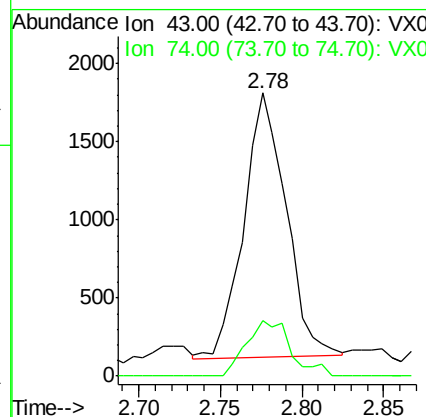
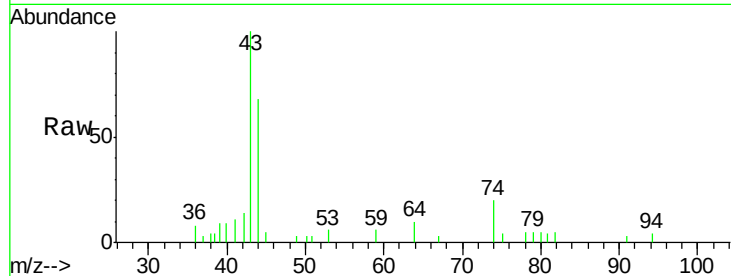
#18
Methyl Acetate
Concen: 0.98 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	3055
Ion Ratio	100	Lower	Upper
74	22.0	17.8	26.6

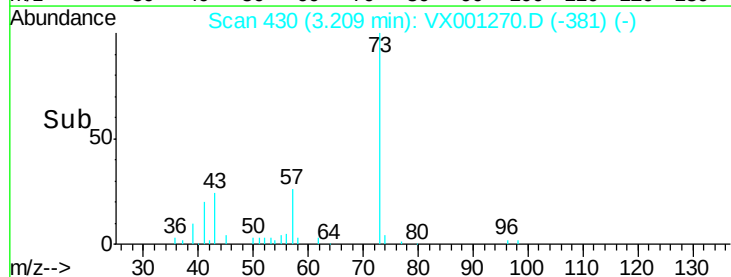
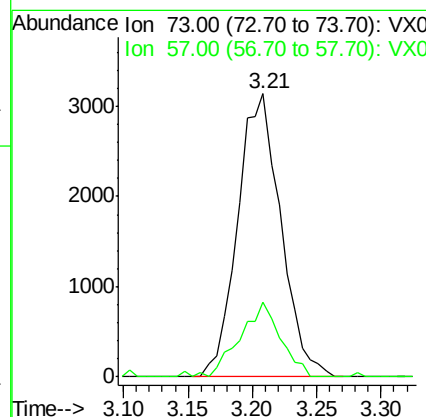
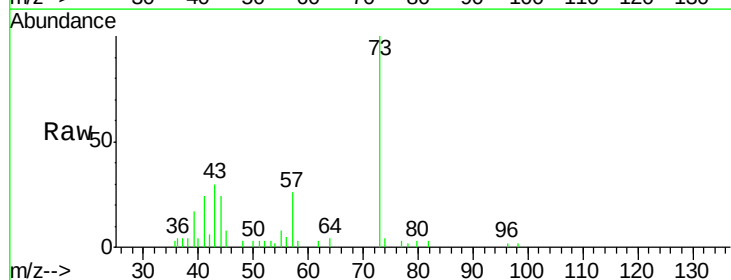
Manual Integrations
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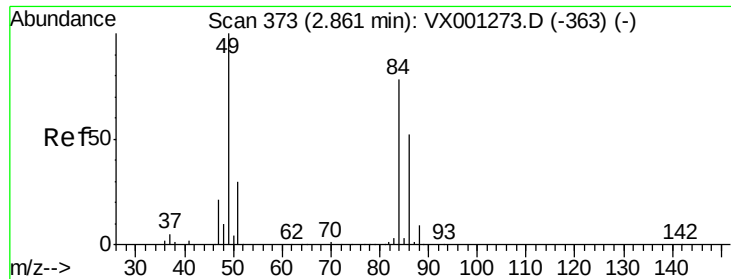
MMDadoda
5/2/2018 4:20:50 PM



#19
Methyl tert-butyl Ether
Concen: 0.99 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion	73	Resp	7288
Ion Ratio	100	Lower	Upper
57	26.4	16.8	25.2#





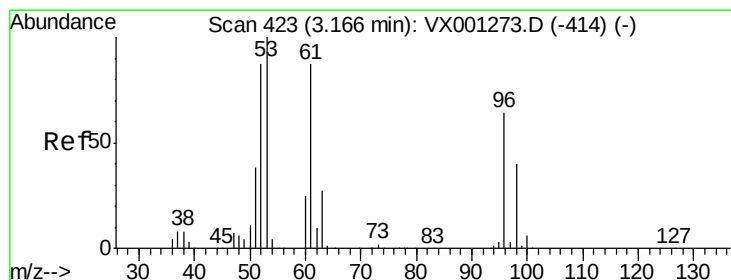
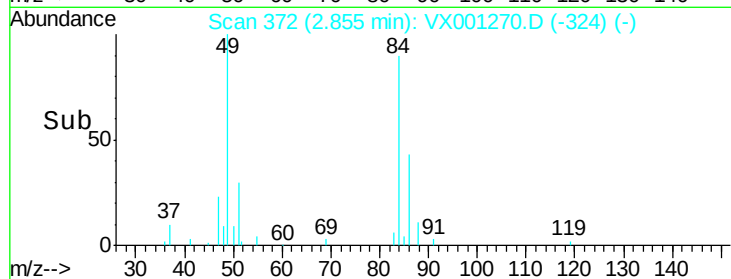
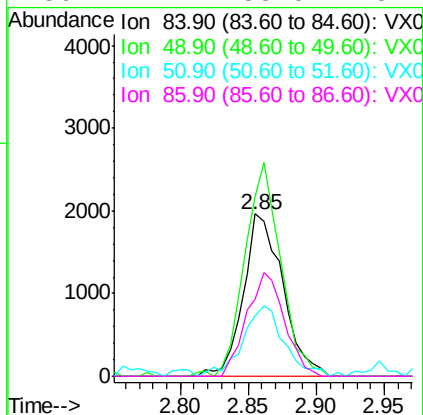
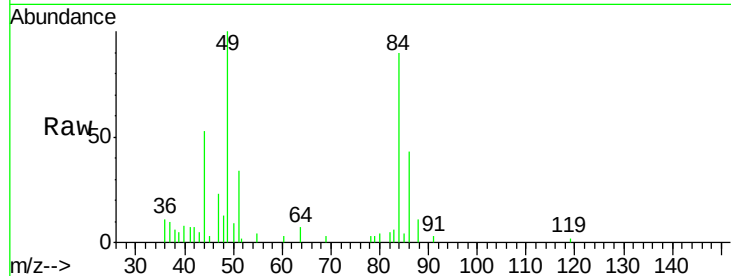
#20
Methylene Chloride
Concen: 1.68 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	3987
Ion	Ratio	Lower	Upper
84	100		
49	110.6	102.8	154.2
51	34.5	30.9	46.3
86	47.7	53.0	79.4#

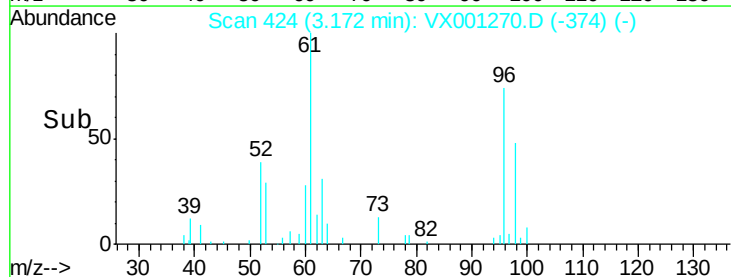
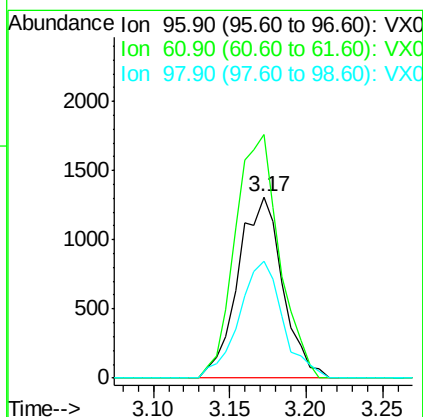
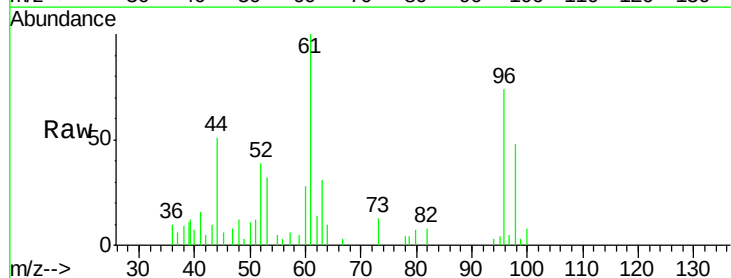
Manual Integrations
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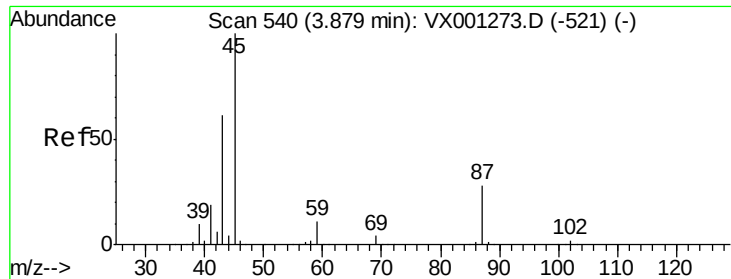
MMDadoda
5/2/2018 4:20:50 PM



#21
trans-1,2-Dichloroethene
Concen: 1.19 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion:	96	Resp:	2655
Ion	Ratio	Lower	Upper
96	100		
61	134.5	108.6	162.8
98	64.4	49.7	74.5





#22

Diisopropyl ether

Concen: 1.02 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

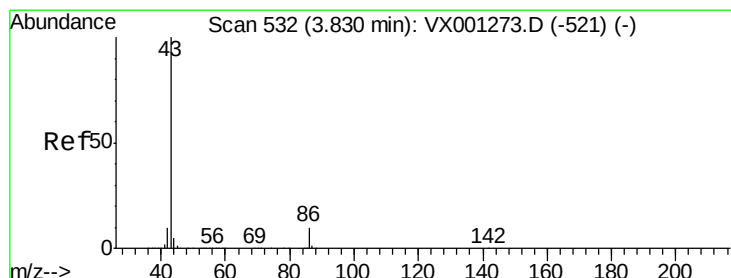
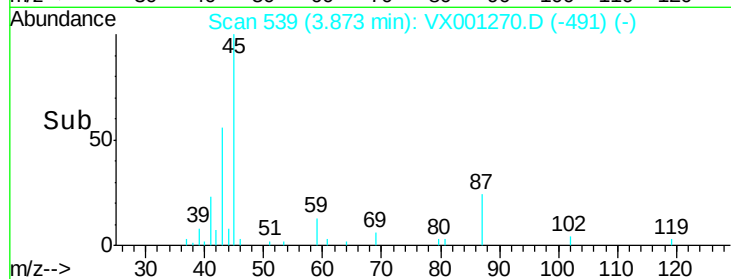
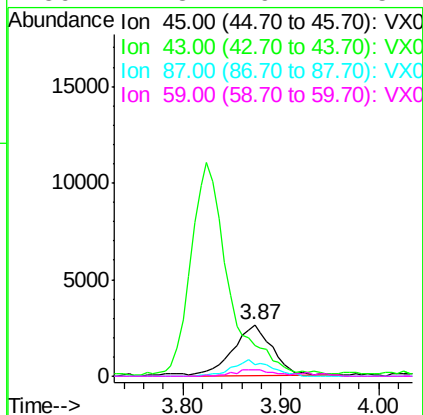
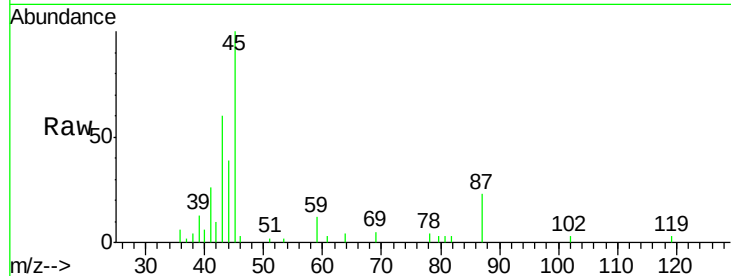
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	7397
Ion	Ratio	Lower	Upper
45	100		
43	55.4	48.7	73.1
87	24.0	22.2	33.4
59	12.8	9.1	13.7

Manual Integrations
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5/2/2018 4:20:50 PM



#23

Vinyl Acetate

Concen: 4.78 ug/l

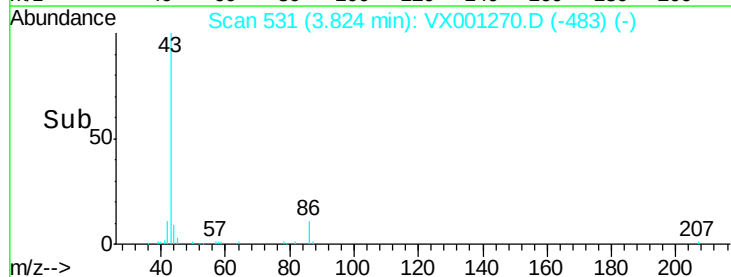
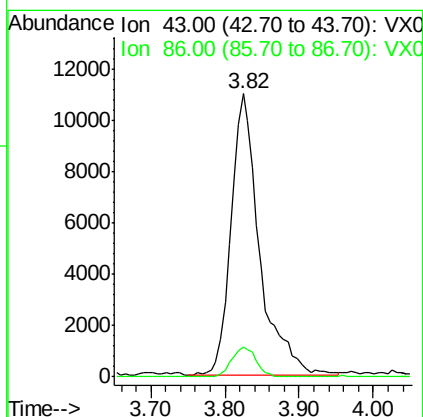
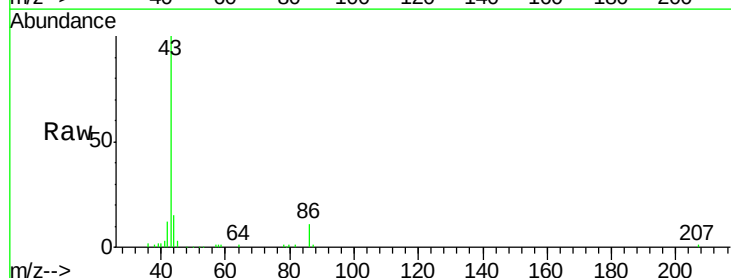
RT: 3.82 min Scan# 531

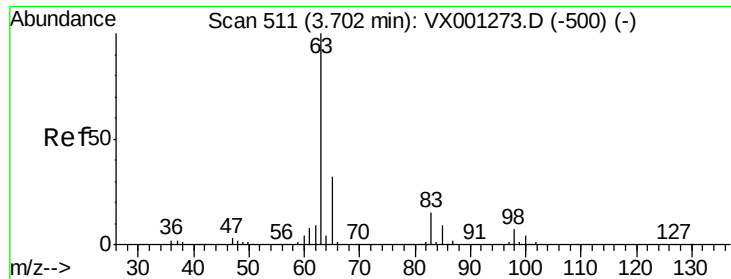
Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	43	Resp:	29410
Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.2	12.4





#24

1,1-Dichloroethane

Concen: 1.16 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

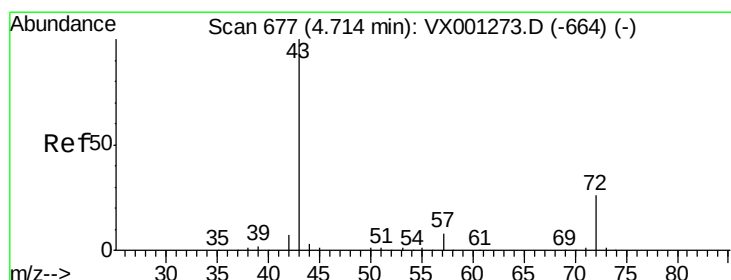
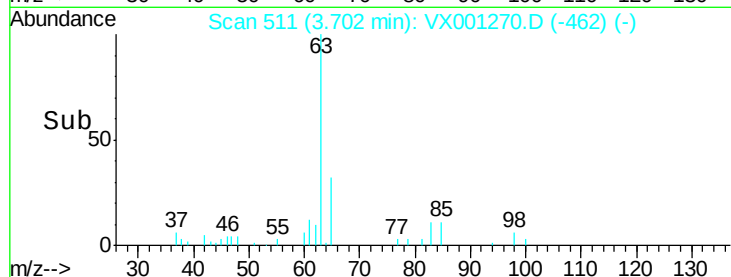
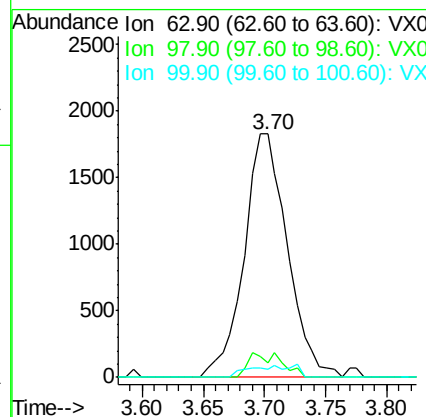
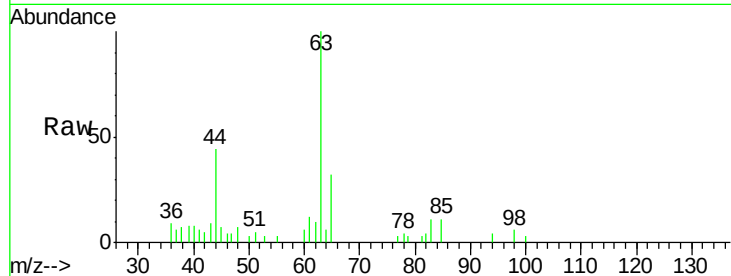
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	4498
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.5	10.5
100	3.3	2.3	6.8

Manual Integrations
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5/2/2018 4:20:50 PM



#25

2-Butanone

Concen: 4.70 ug/l

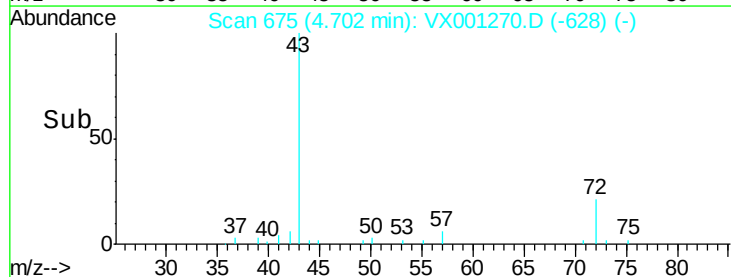
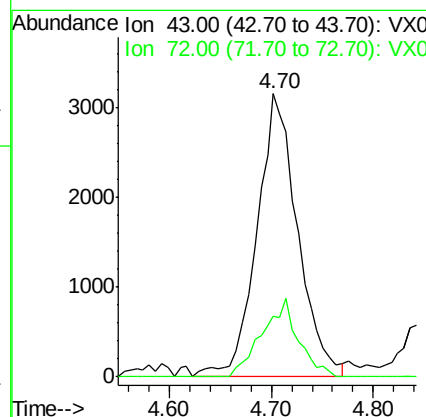
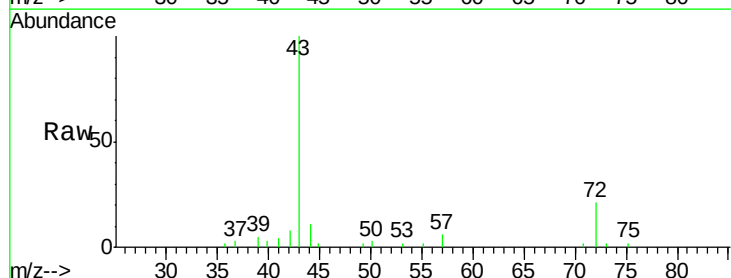
RT: 4.70 min Scan# 675

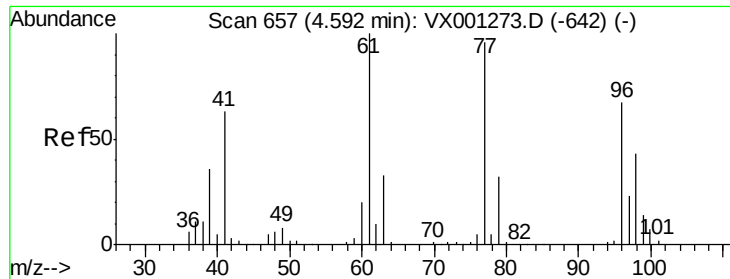
Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	43	Resp:	8759
Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.5	30.7





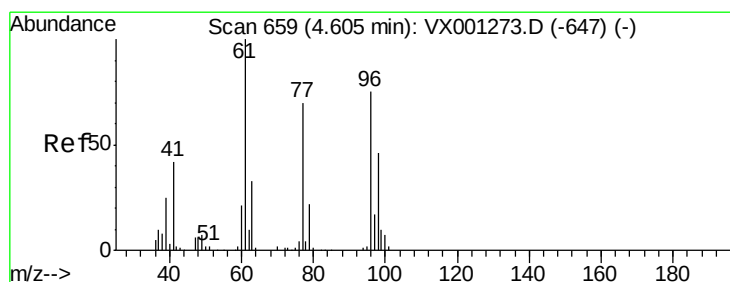
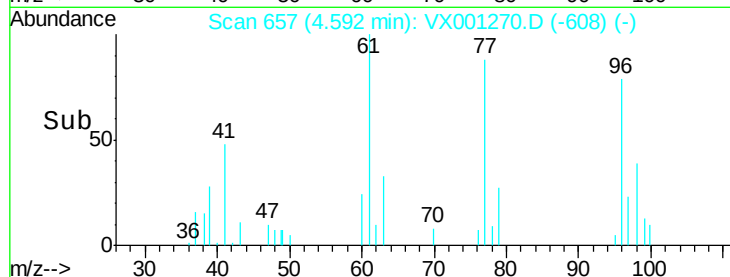
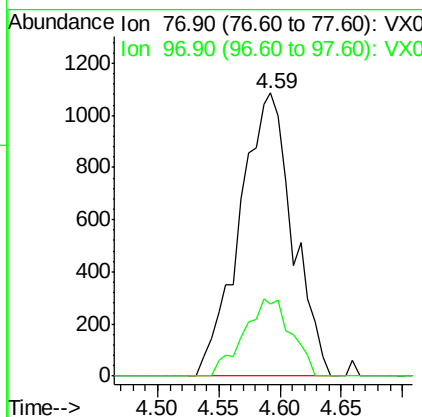
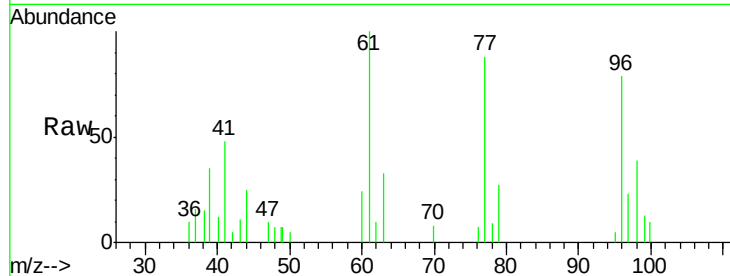
#26
2,2-Dichloropropane
Concen: 1.07 ug/l
RT: 4.59 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 77 Resp: 3276
Ion Ratio Lower Upper
77 100
97 24.5 11.8 35.3

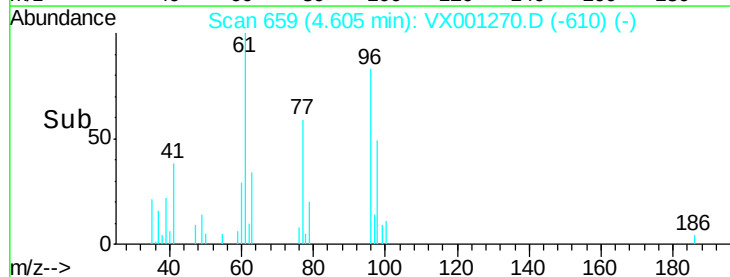
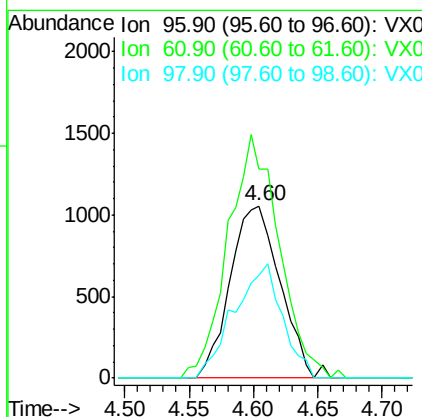
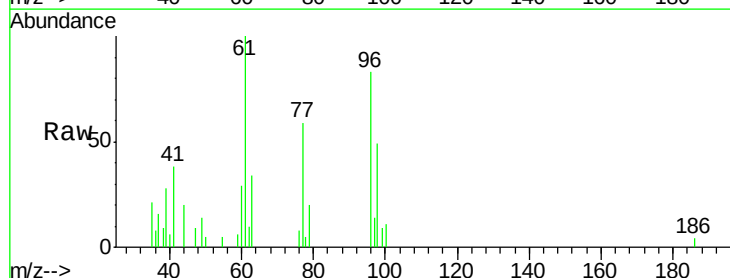
Manual Integrations
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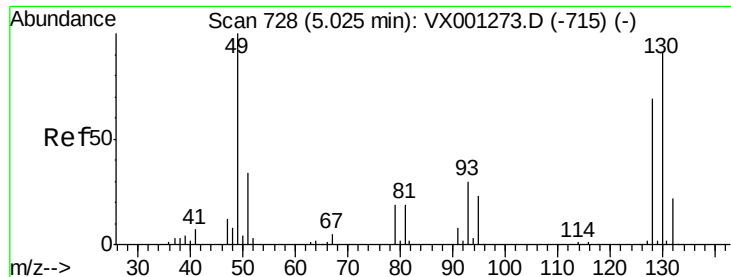
MMDadoda
5/2/2018 4:20:50 PM



#27
cis-1,2-Dichloroethene
Concen: 1.17 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 96 Resp: 2851
Ion Ratio Lower Upper
96 100
61 144.3 0.0 288.0
98 63.5 0.0 130.2





#28

Bromochloromethane

Concen: 0.93 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

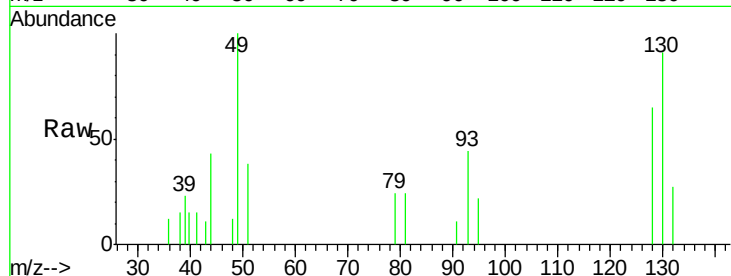
VSTDIC001

Tot Ion: 49 Resp: 1622

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	89.3	70.4	105.6

Manual Integrations
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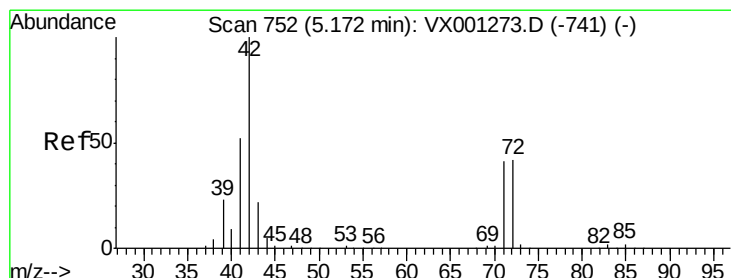
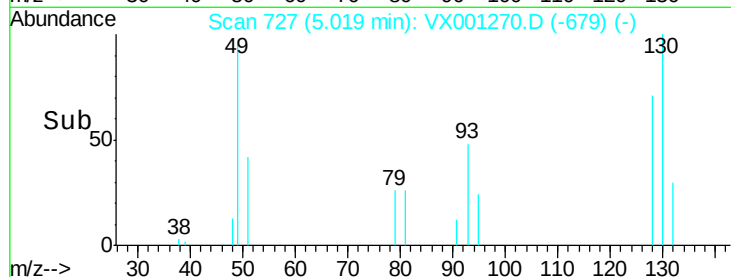
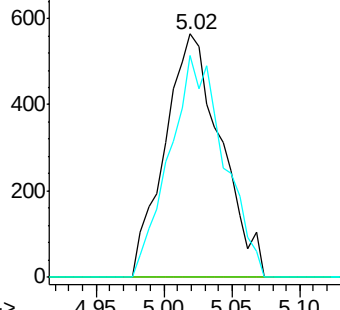
MMDadoda
5/2/2018 4:20:50 PM



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 4.59 ug/l

RT: 5.17 min Scan# 752

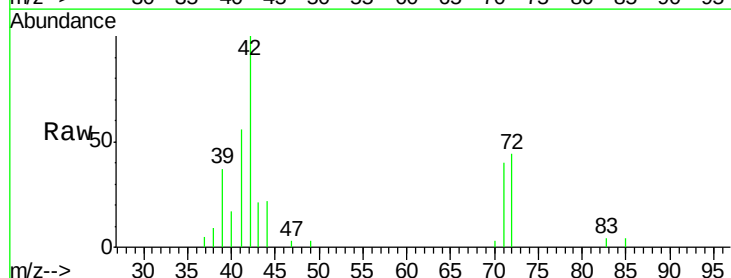
Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion: 42 Resp: 5477

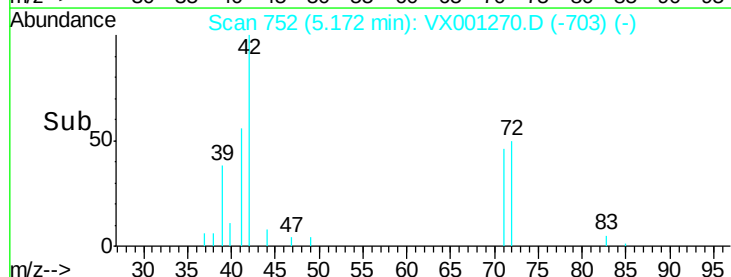
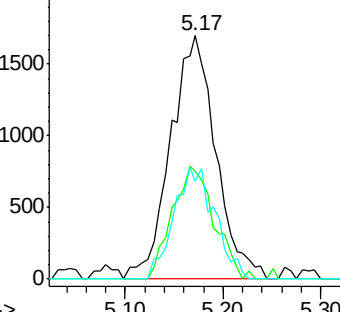
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	52.0
71	41.7	32.7	49.1

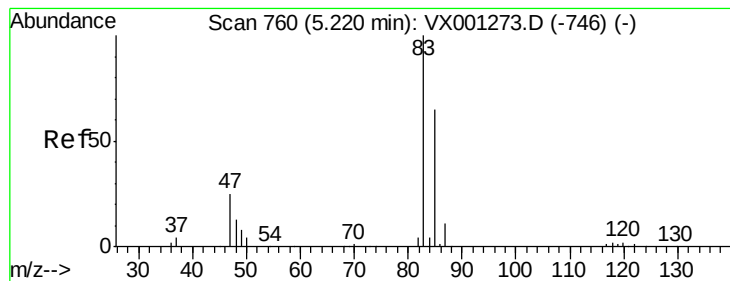


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 1.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 83 Resp: 4562

Ion Ratio Lower Upper

83 100

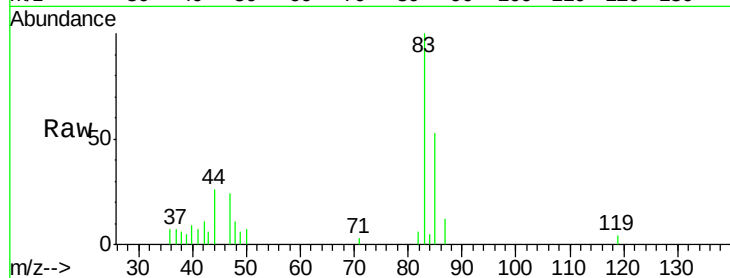
85 52.8 52.2 78.2

Manual Integrations

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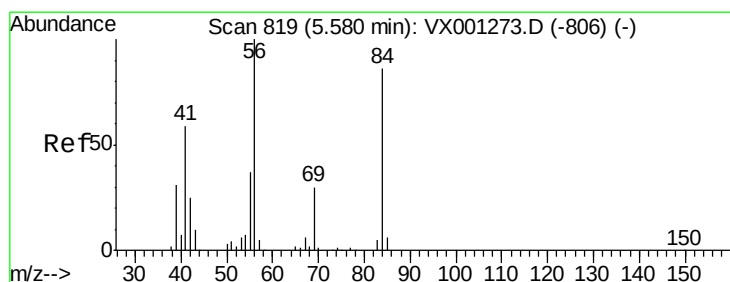
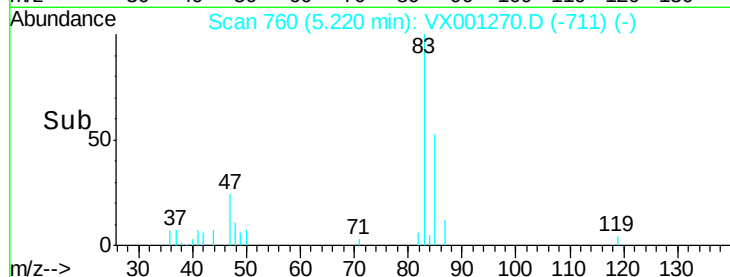
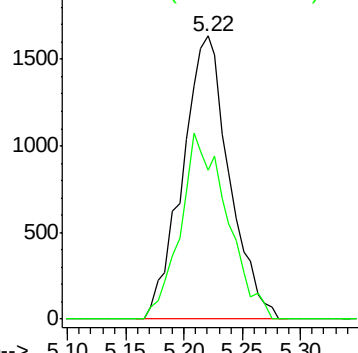
MMDadoda

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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#31

Cyclohexane

Concen: 1.20 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

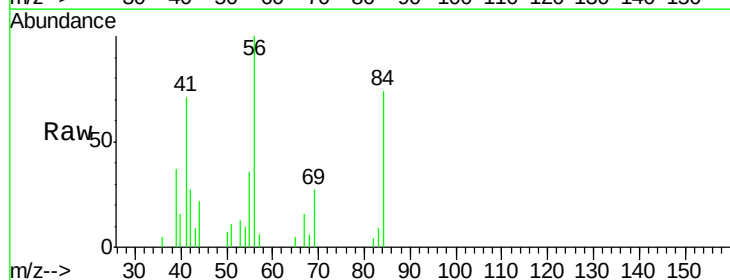
Tgt Ion: 56 Resp: 3974

Ion Ratio Lower Upper

56 100

69 27.3 24.0 36.0

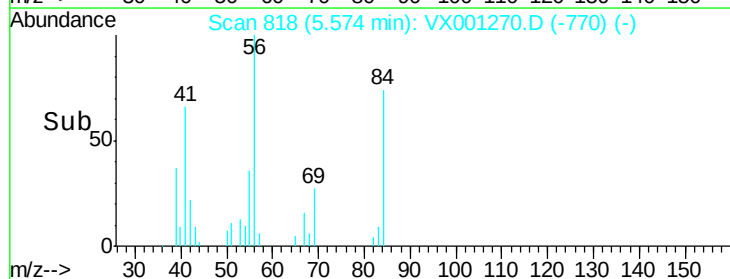
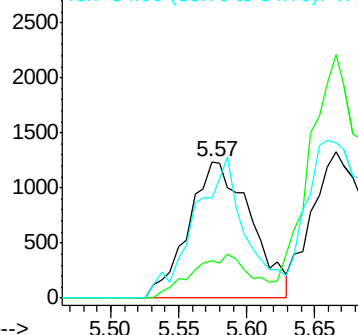
84 74.1 69.0 103.4

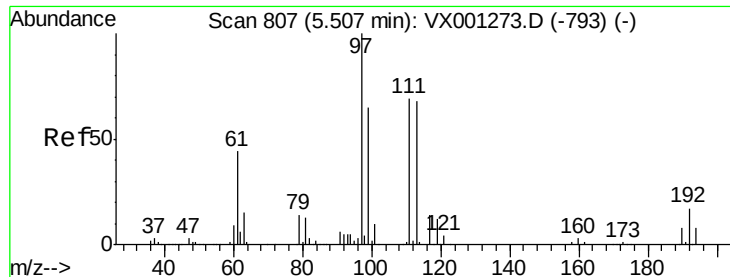


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#32

1,1,1-Trichloroethane

Concen: 1.01 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

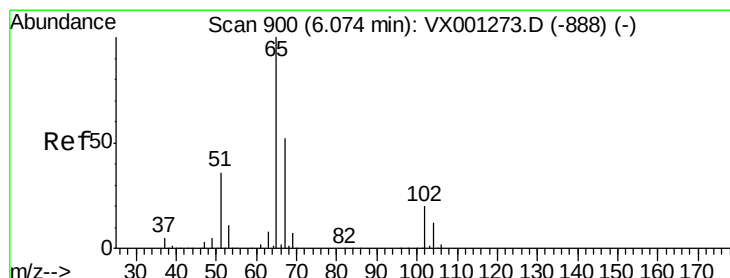
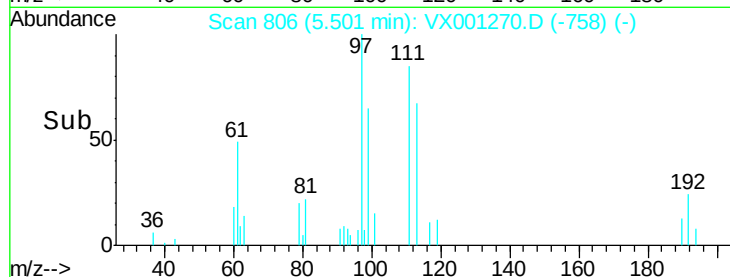
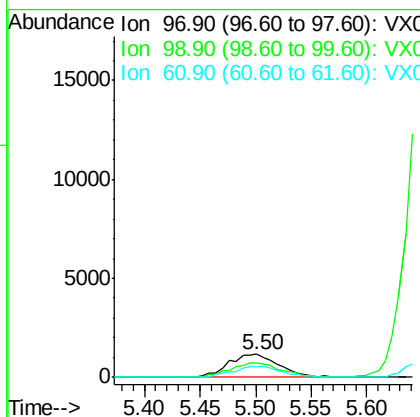
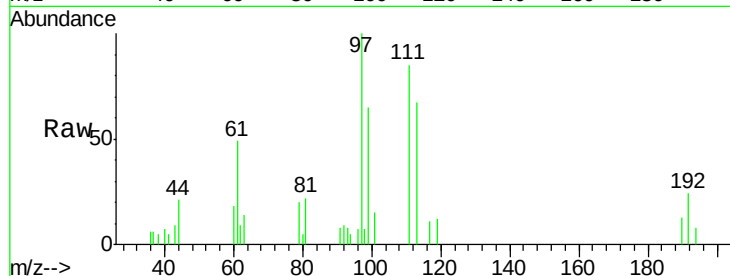
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	3588
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.6#
61	46.3	35.4	53.2

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 1.12 ug/l

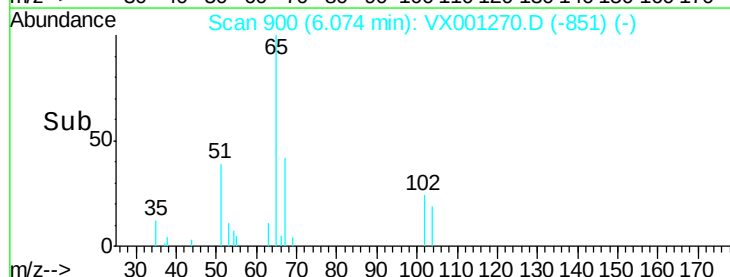
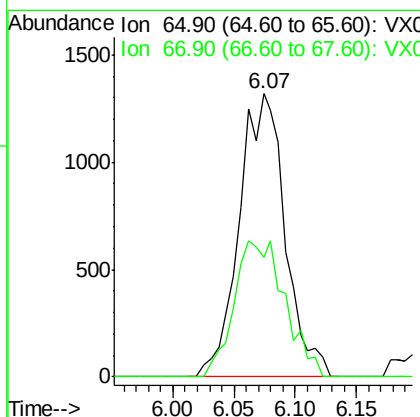
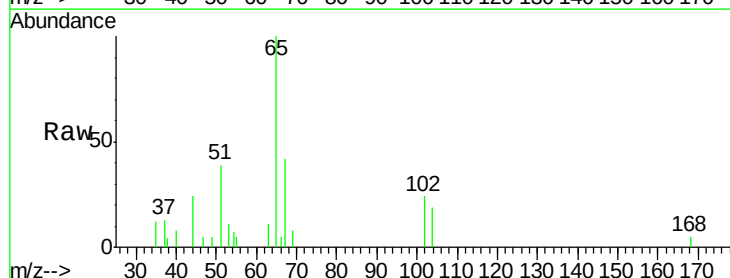
RT: 6.07 min Scan# 900

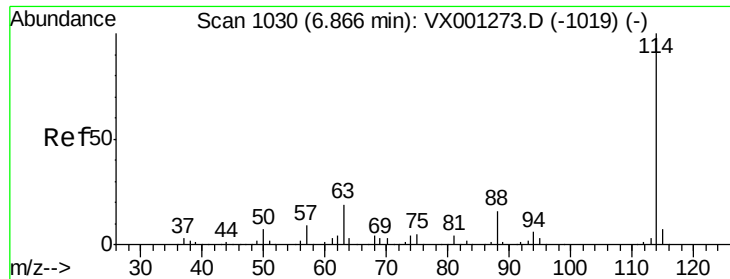
Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	65	Resp:	3427
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	102.8





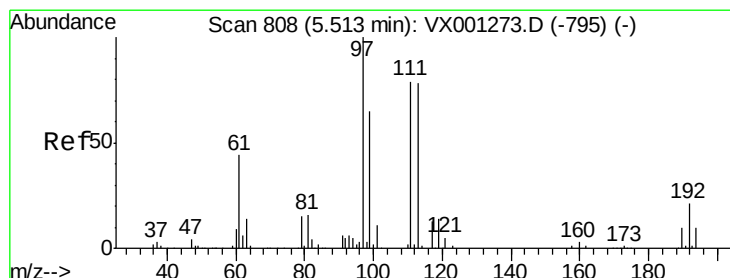
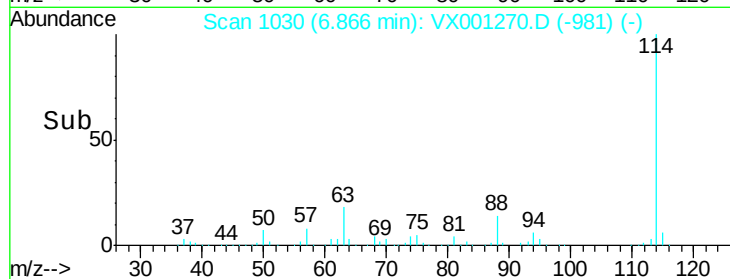
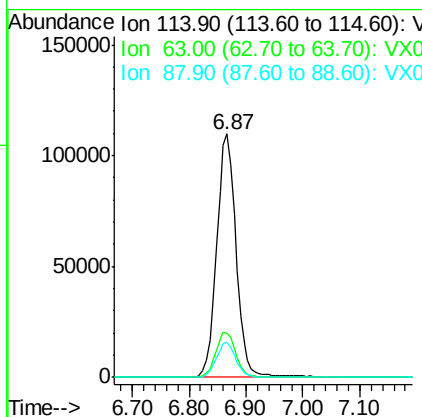
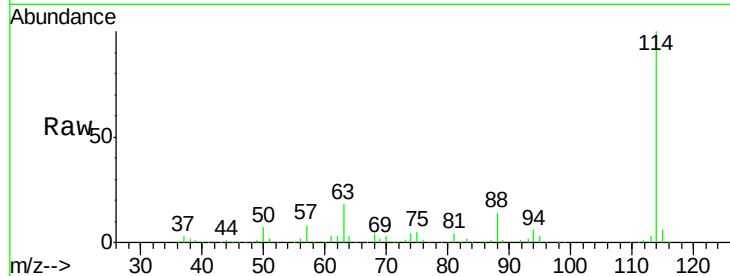
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
114	100		259802		
63	18.2	0.0	38.8		
88	14.1	0.0	32.2		

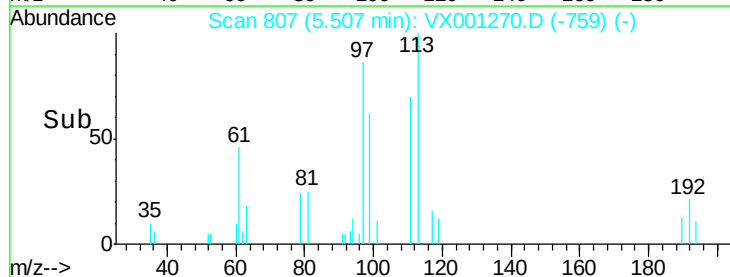
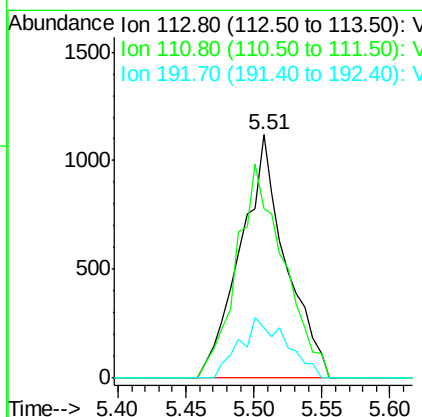
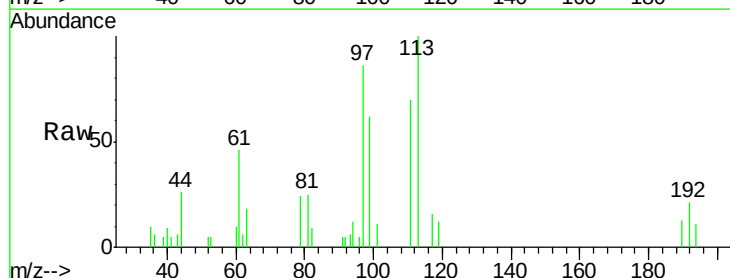
Manual Integrations
 APPROVED

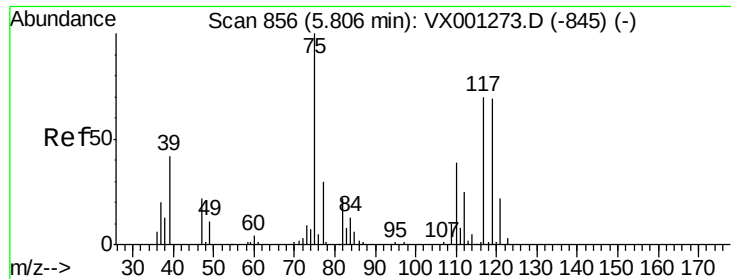
MMDadoda
 5/2/2018 4:20:50 PM



#35
 Dibromofluoromethane
 Concen: 1.20 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
113	100		2594		
111	91.9	81.2	121.8		
192	25.7	20.7	31.1		





#36

1,1-Dichloropropene

Concen: 1.27 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

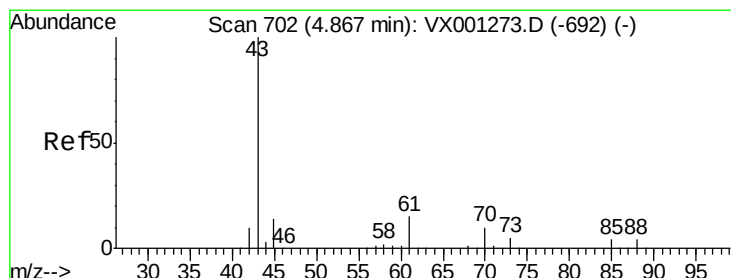
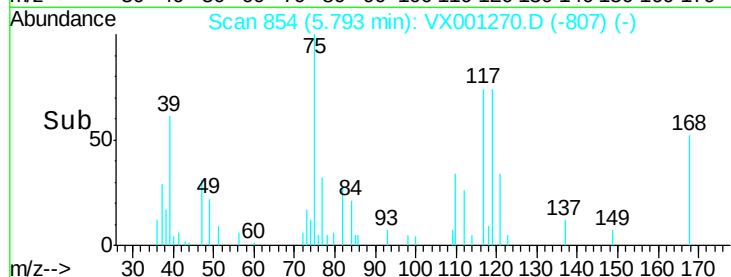
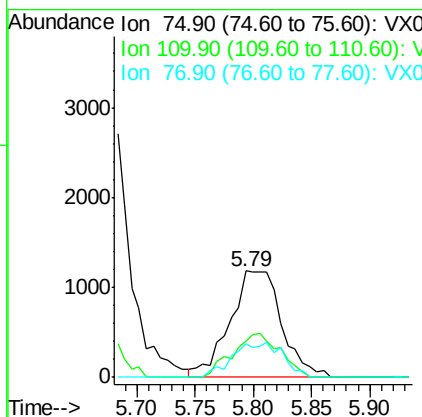
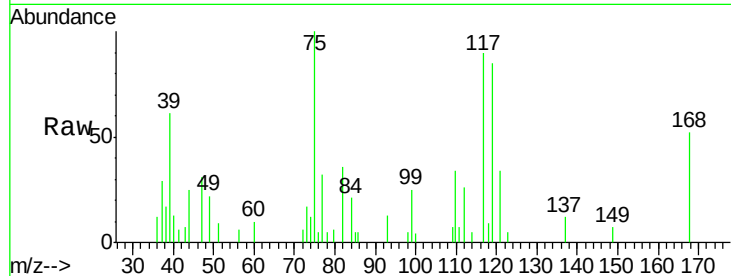
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	3672
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.9	56.9
77	31.8	24.2	36.2

Manual Integrations
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5/2/2018 4:20:50 PM



#37

Ethyl Acetate

Concen: 1.05 ug/l

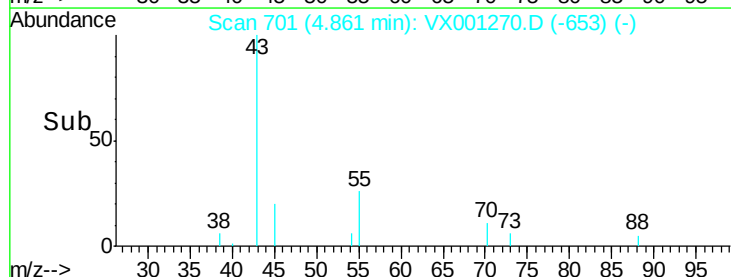
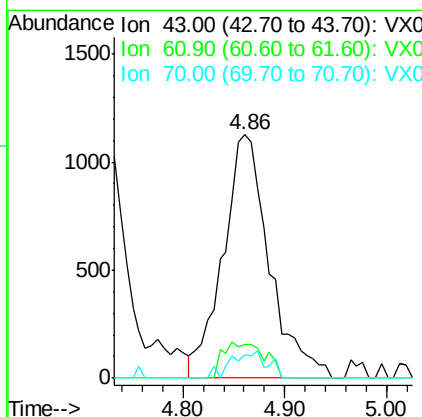
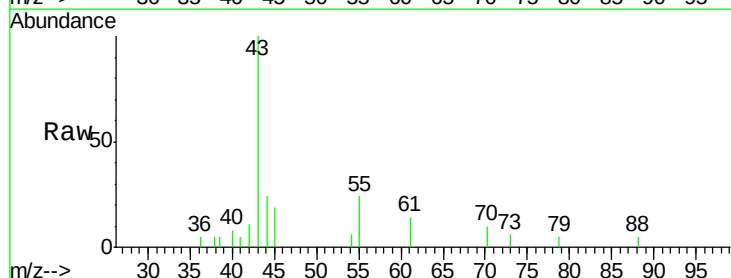
RT: 4.86 min Scan# 701

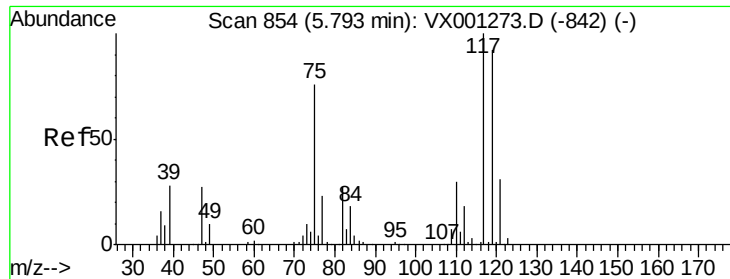
Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	43	Resp:	3541
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	0.0	8.0	12.0#





#38

Carbon Tetrachloride

Concen: 1.17 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

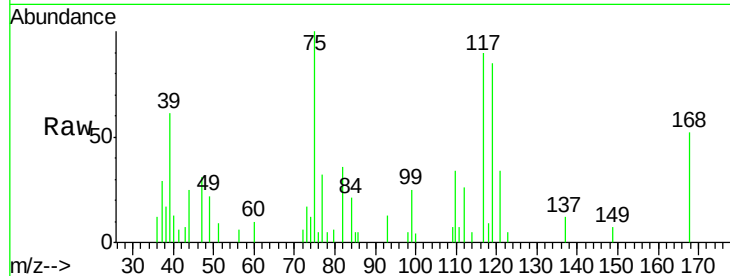
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.2	73.4	110.2
121	38.4	25.0	37.4#

Manual Integrations
APPROVED

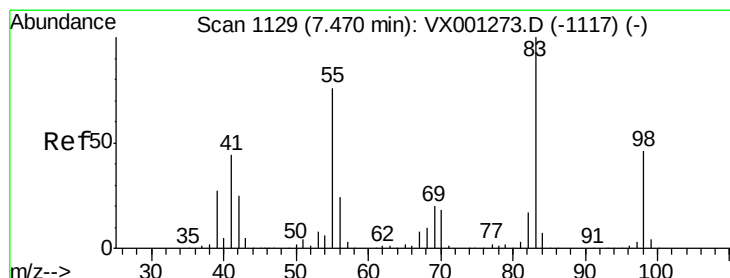
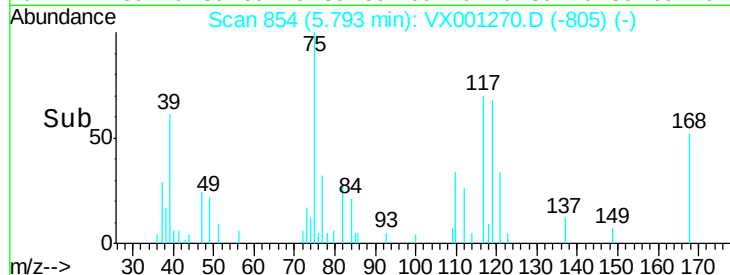
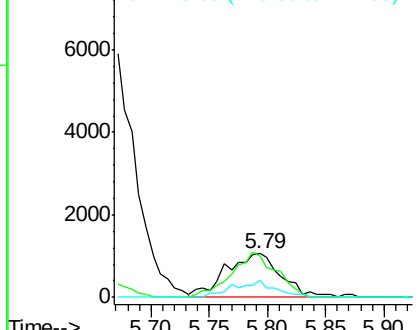
MMDadoda
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.24 ug/l

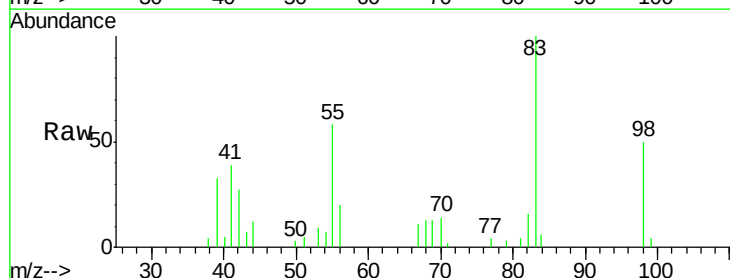
RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

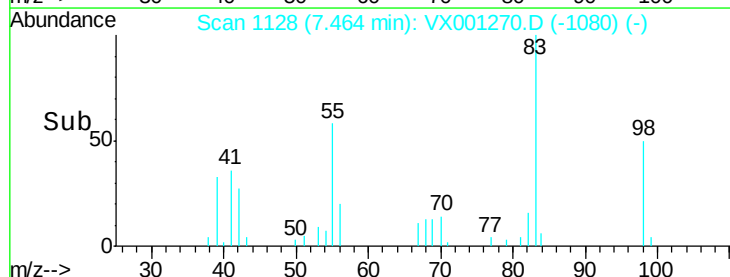
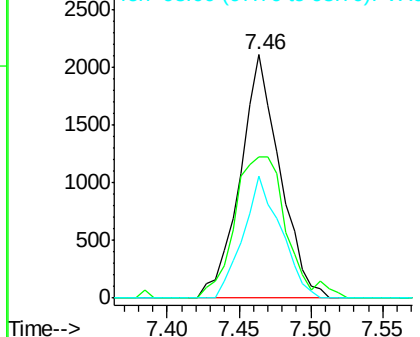
Tgt Ion	Ratio	Lower	Upper
83	100		
55	58.0	60.4	90.6#
98	50.1	37.0	55.6

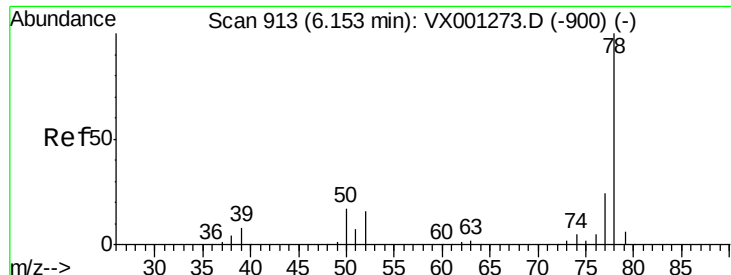


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





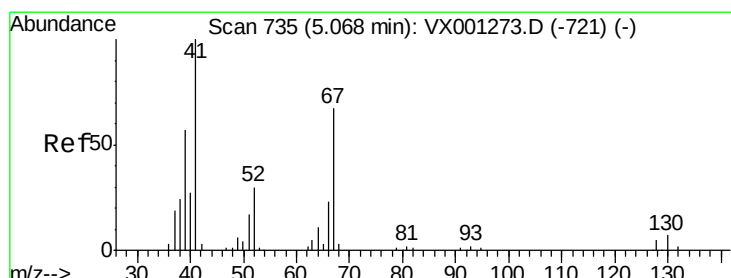
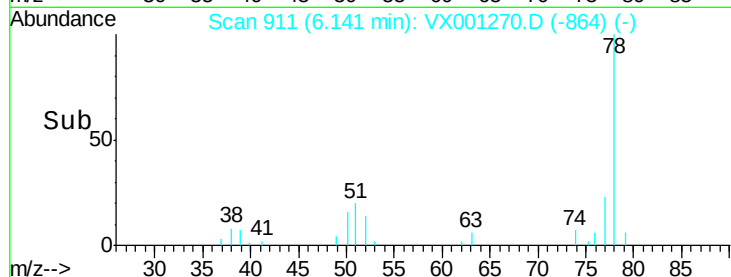
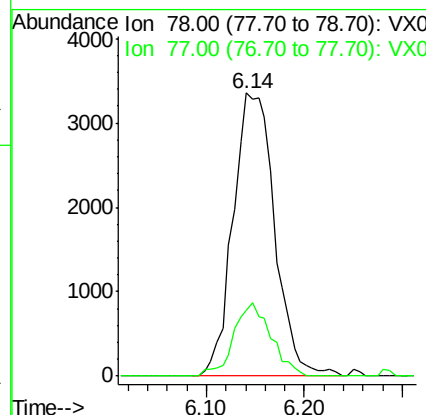
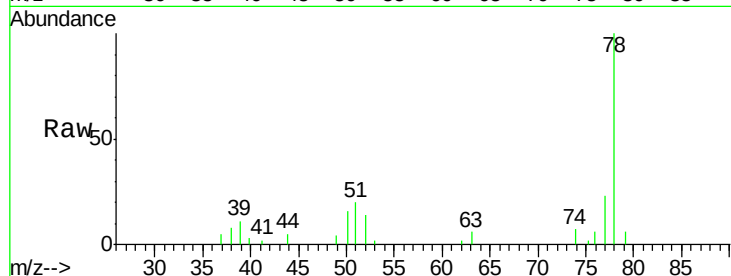
#40
Benzene
Concen: 1.19 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 9877
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

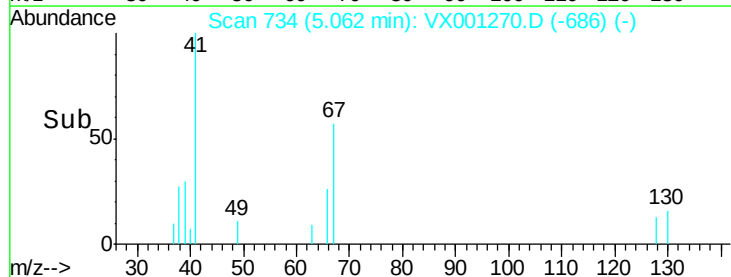
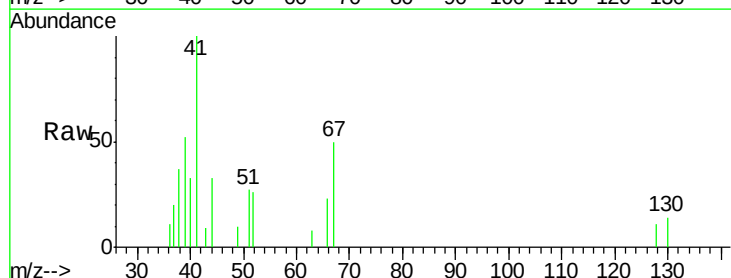
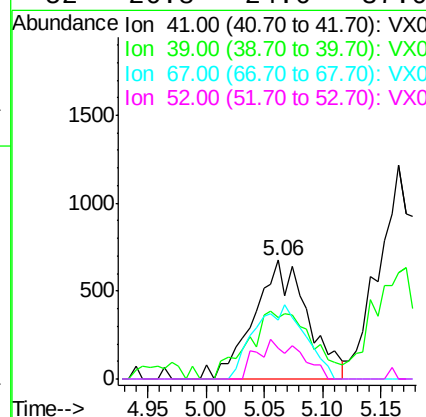
Manual Integrations
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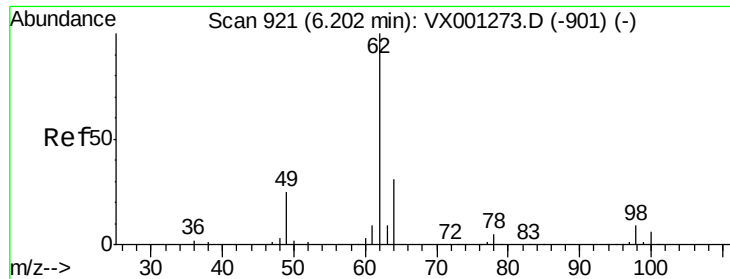
MMDadoda
5/2/2018 4:20:50 PM



#41
Methacrylonitrile
Concen: 1.15 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 41 Resp: 2170
Ion Ratio Lower Upper
41 100
39 67.7 45.8 68.8
67 59.0 54.8 82.2
52 26.8 24.6 37.0





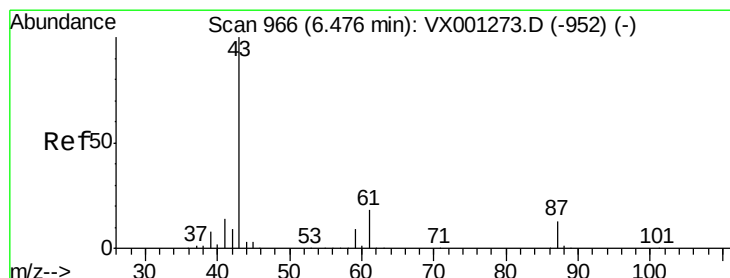
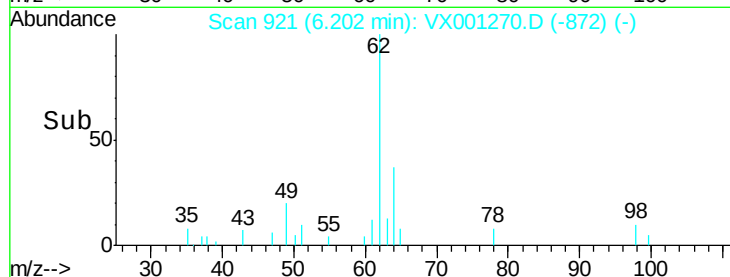
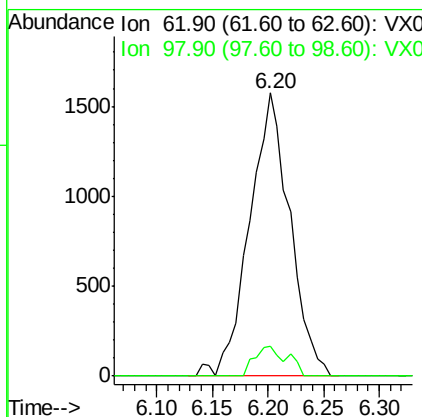
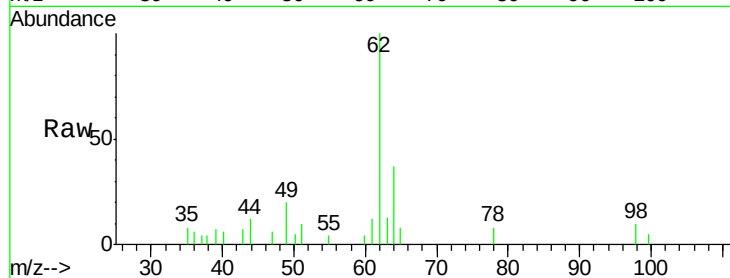
#42
 1,2-Dichloroethane
 Concen: 1.20 ug/l
 RT: 6.20 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	3977		
98	8.6	0.0	17.2	

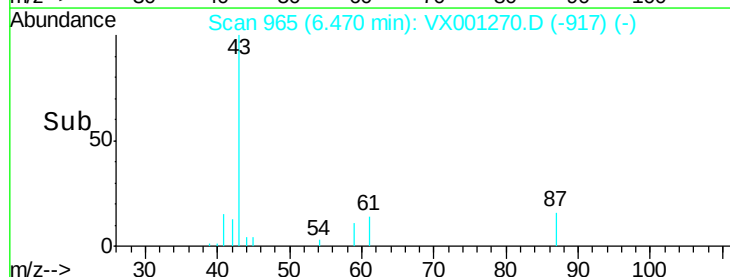
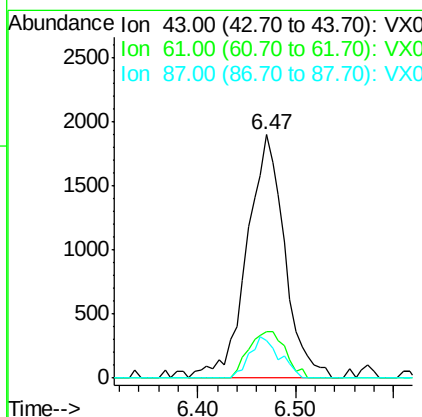
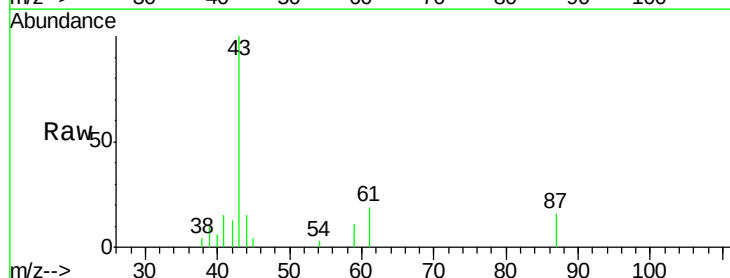
Manual Integrations
 APPROVED

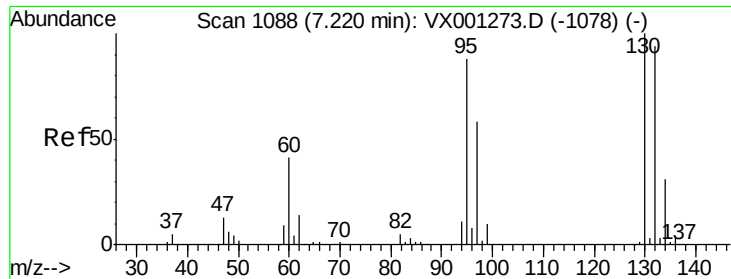
MMDadoda
 5/2/2018 4:20:50 PM



#43
 Isopropyl Acetate
 Concen: 0.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	5081		
61	18.9	15.0	22.4	
87	13.4	10.2	15.4	





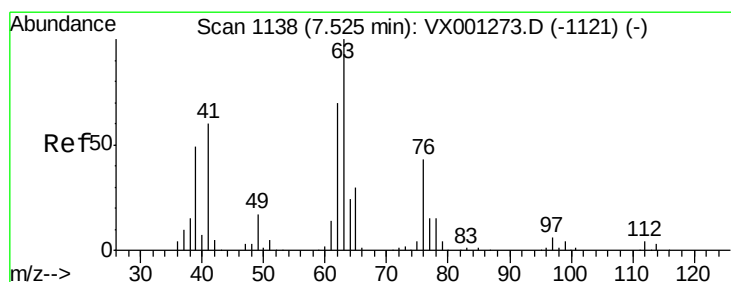
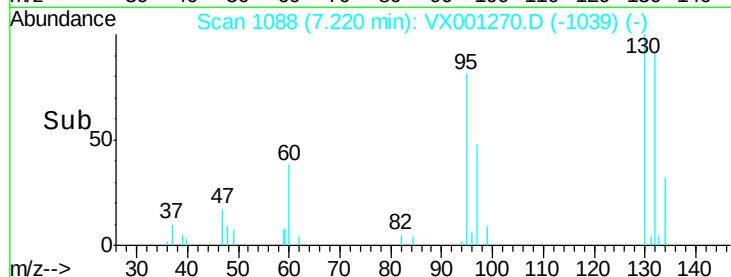
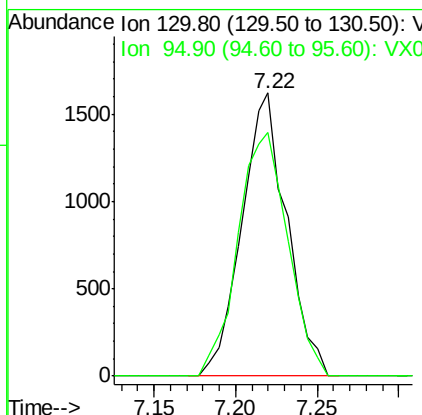
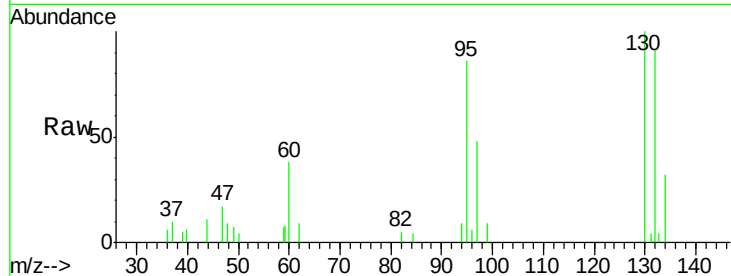
#44
 Trichloroethene
 Concen: 1.25 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 3109
 Ion Ratio Lower Upper
 130 100
 95 86.1 0.0 176.0

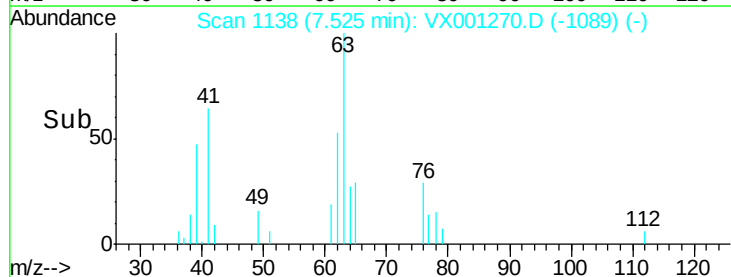
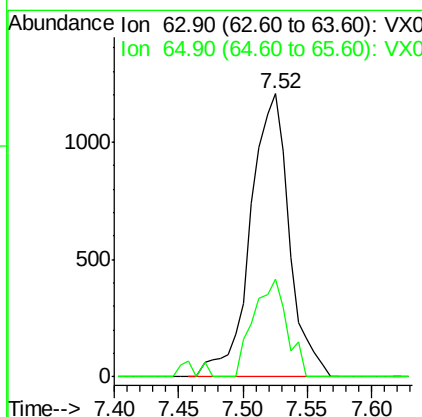
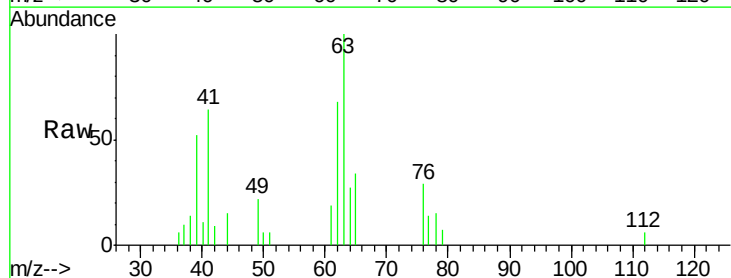
Manual Integrations
 APPROVED

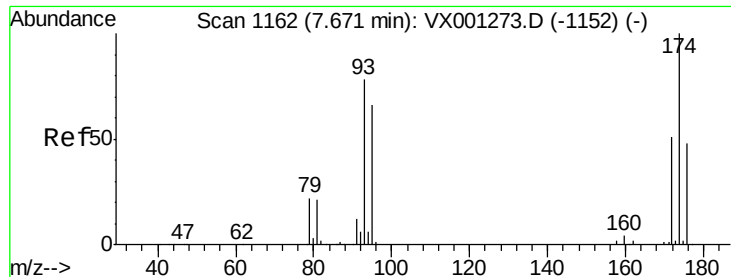
MMDadoda
 5/2/2018 4:20:50 PM



#45
 1,2-Dichloropropane
 Concen: 1.15 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion: 63 Resp: 2514
 Ion Ratio Lower Upper
 63 100
 65 34.4 24.2 36.4





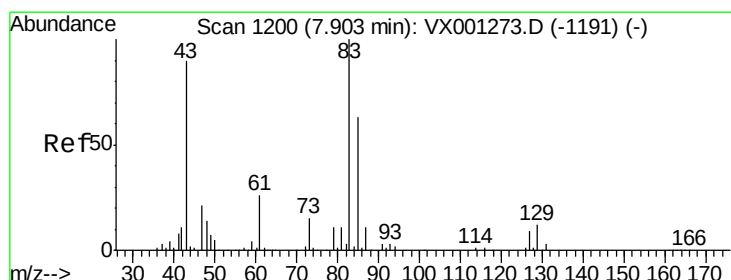
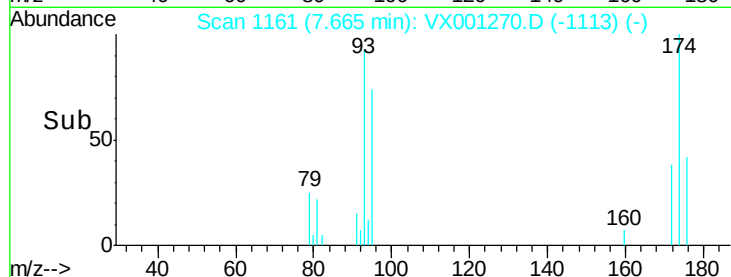
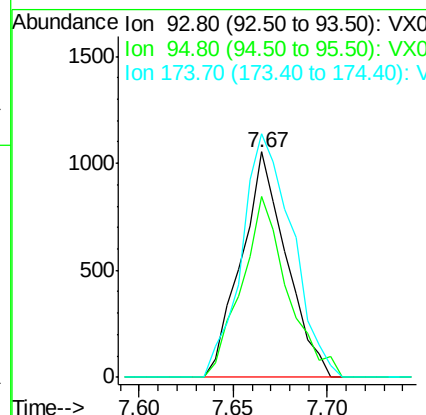
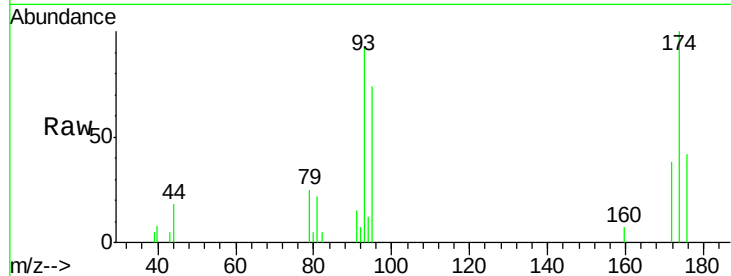
#46
Dibromomethane
Concen: 1.16 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	81.9	67.0	100.6
174	121.8	102.3	153.5

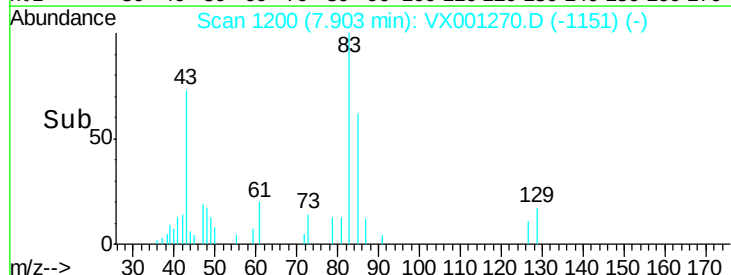
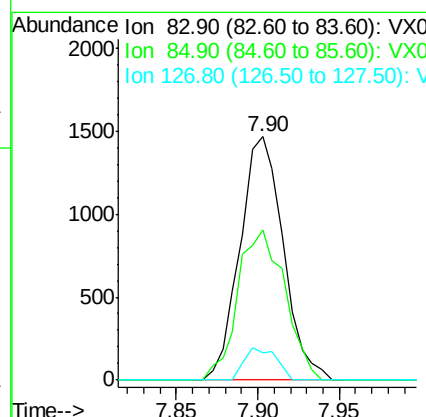
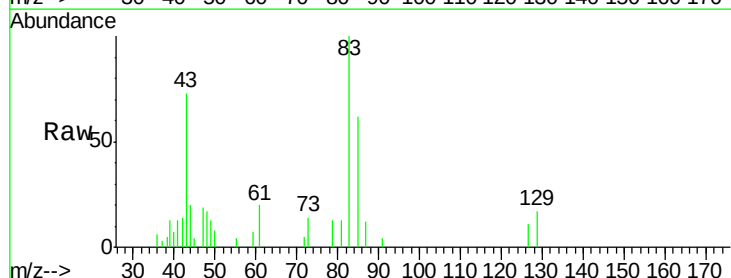
Manual Integrations
APPROVED

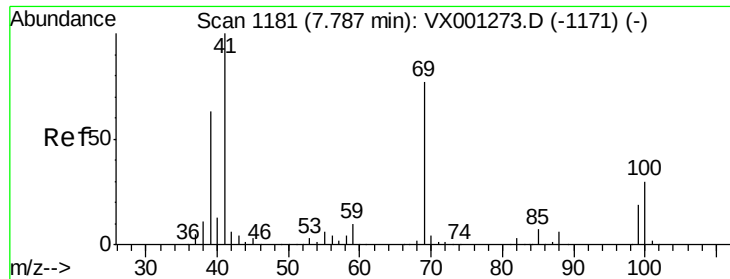
MMDadoda
5/2/2018 4:20:50 PM



#47
Bromodichloromethane
Concen: 0.99 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.3	75.5
127	11.4	7.4	11.2#





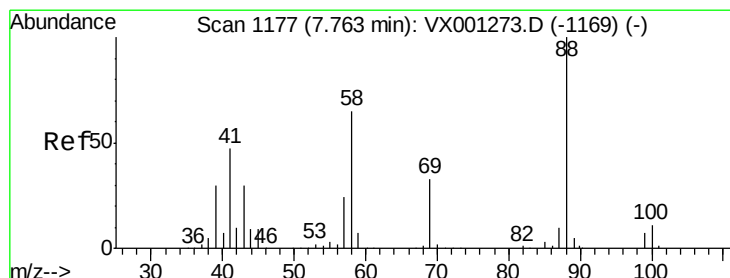
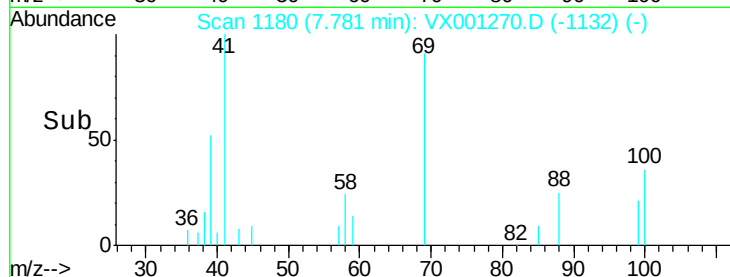
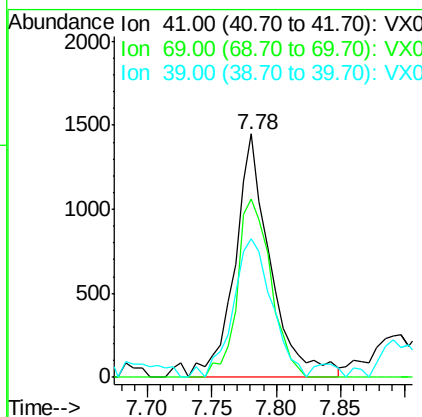
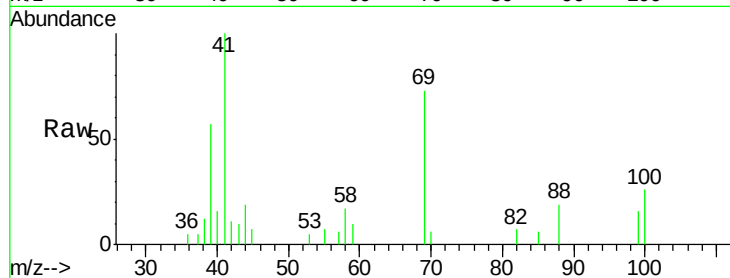
#48
Methvl methacrylate
Concen: 0.98 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	69.5	63.0	94.6
39	62.3	50.2	75.4

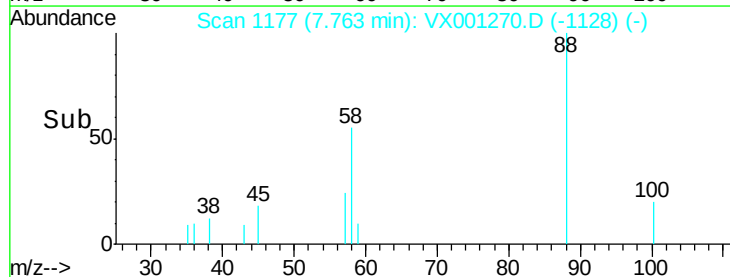
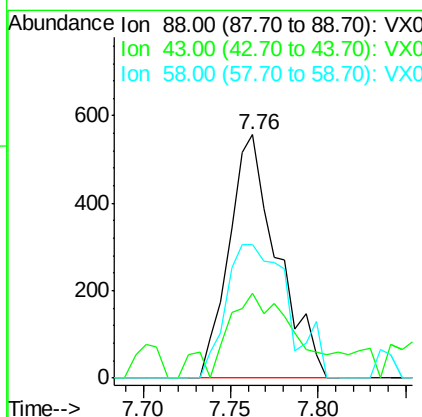
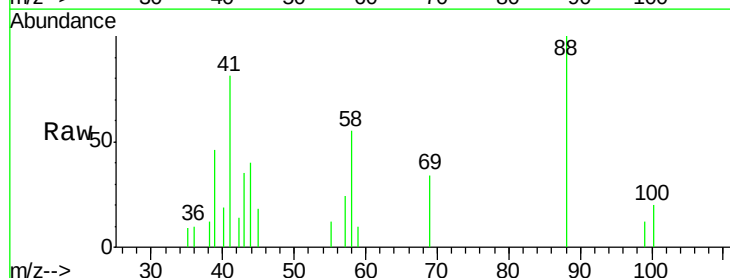
Manual Integrations
APPROVED

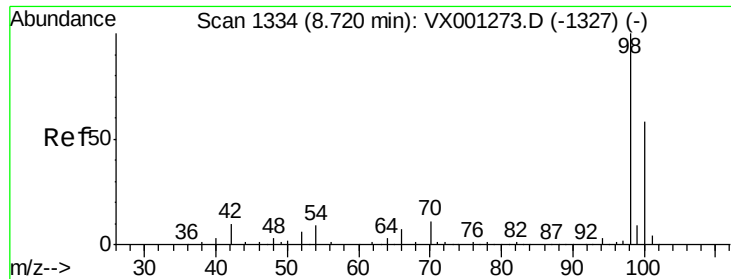
MMDadoda
5/2/2018 4:20:50 PM



#49
1,4-Dioxane
Concen: 19.19 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	48.9	27.9	41.9#
58	70.8	54.2	81.2





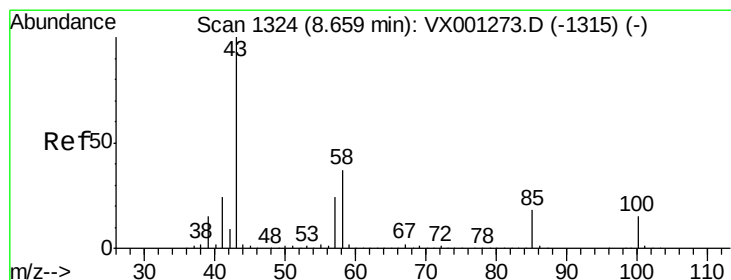
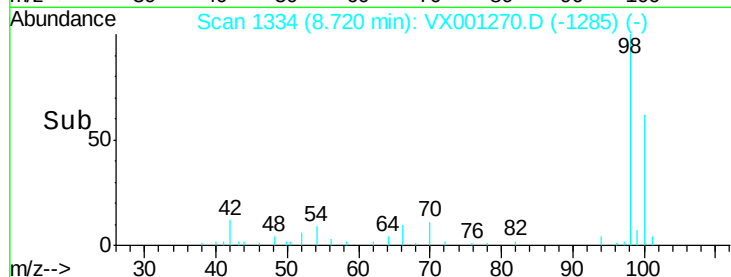
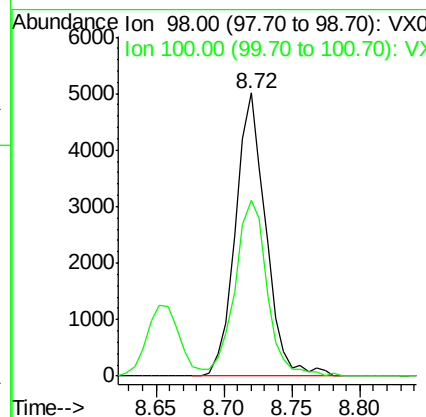
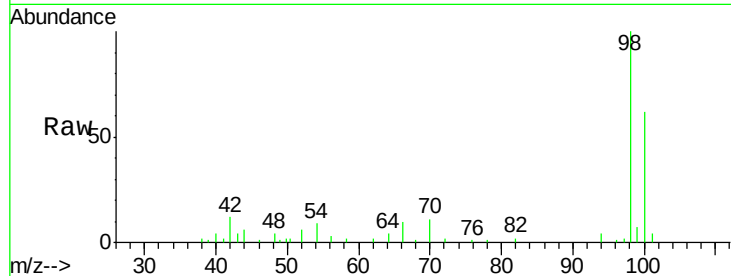
#50
Toluene-d8
Concen: 0.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tot Ion: 98 Resp: 7757
Ion Ratio Lower Upper
98 100
100 65.8 51.0 76.4

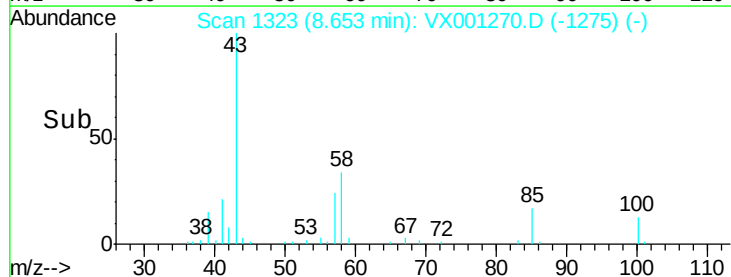
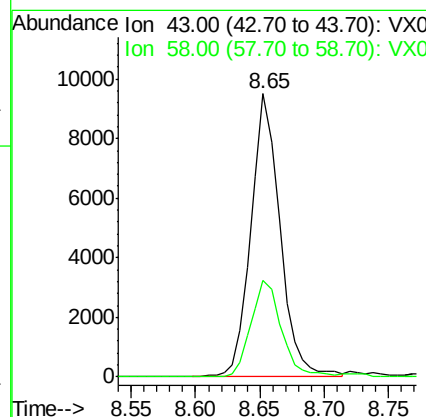
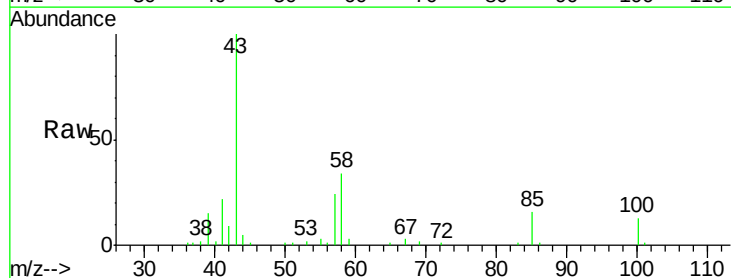
Manual Integrations
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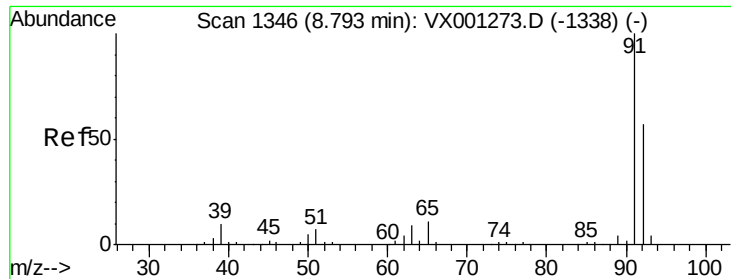
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5/2/2018 4:20:50 PM



#51
4-Methyl-2-Pentanone
Concen: 4.26 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 43 Resp: 14825
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.6





#52

Toluene

Concen: 1.09 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5918

Ion Ratio Lower Upper

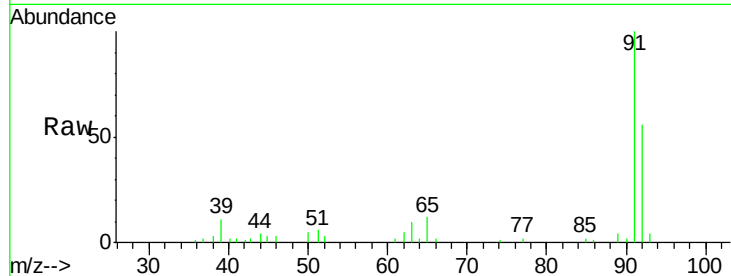
92 100

91 178.5 139.0 208.6

Manual Integrations
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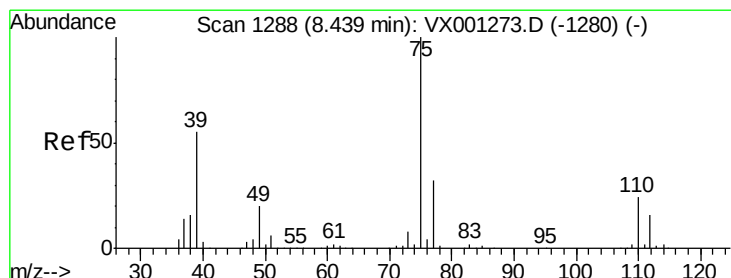
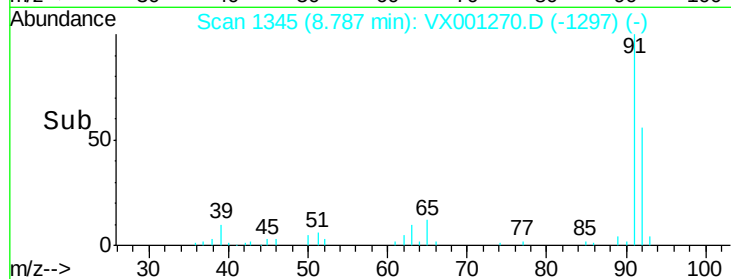
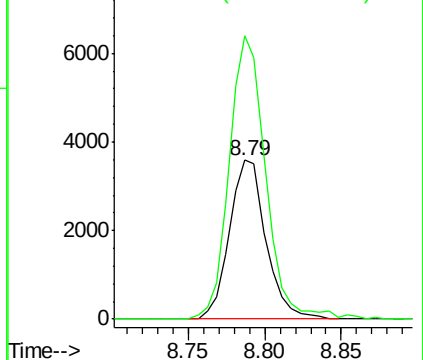
MMDadoda

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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.03 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001270.D

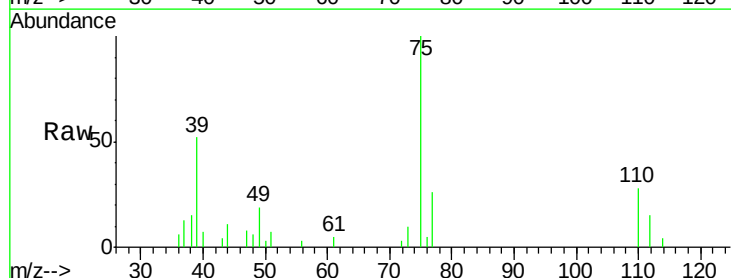
Acq: 01 May 2018 11:02

Tgt Ion: 75 Resp: 3288

Ion Ratio Lower Upper

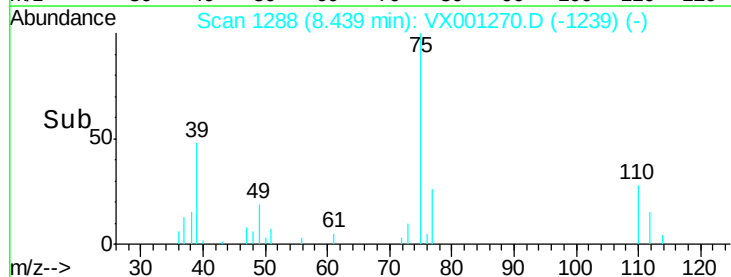
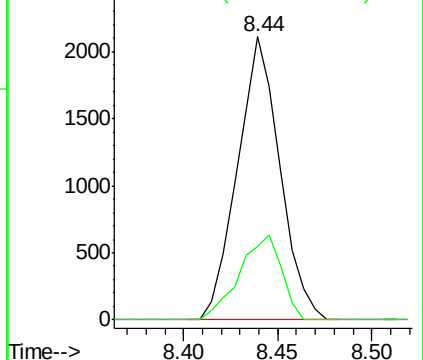
75 100

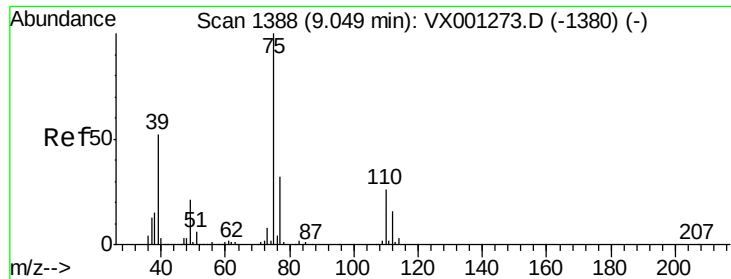
77 26.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.89 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

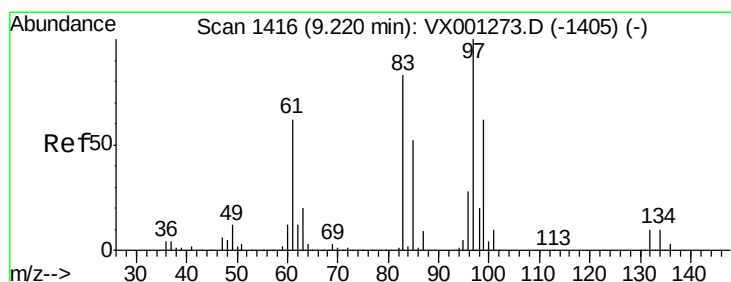
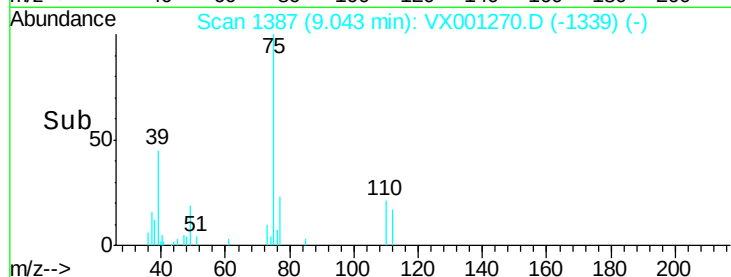
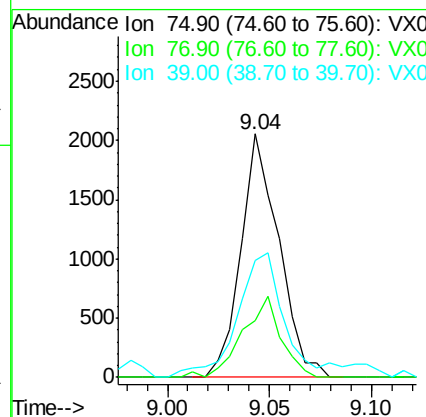
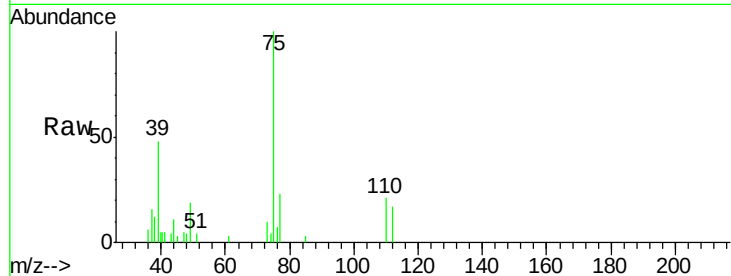
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	2645
Ion	Ratio	Lower	Upper
75	100		
77	23.4	25.5	38.3#
39	43.8	41.9	62.9

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.02 ug/l

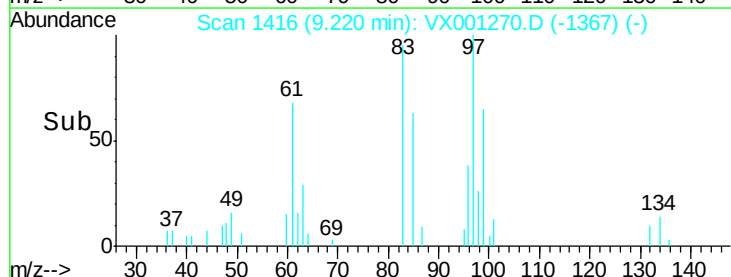
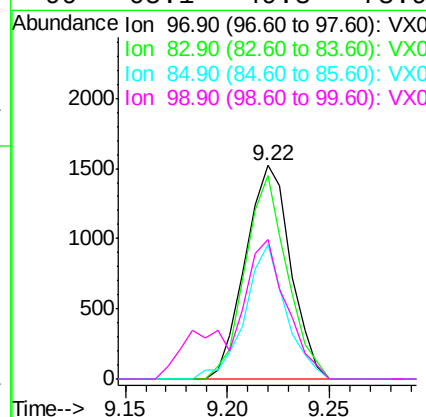
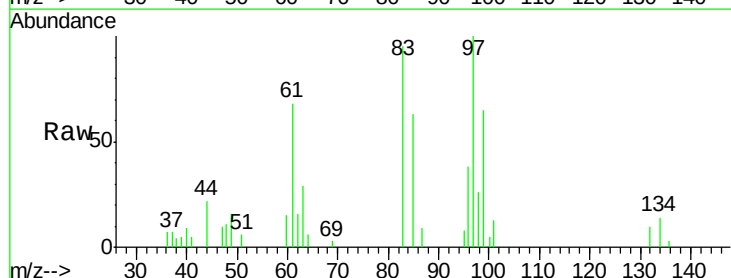
RT: 9.22 min Scan# 1416

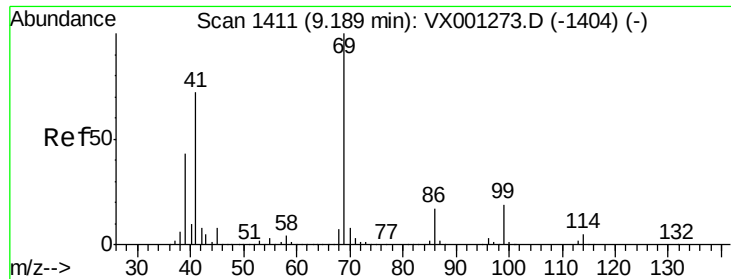
Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	97	Resp:	2346
Ion	Ratio	Lower	Upper
97	100		
83	95.1	66.4	99.6
85	63.1	41.6	62.4#
99	65.1	49.3	73.9





#56

Ethyl methacrylate

Concen: 0.81 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

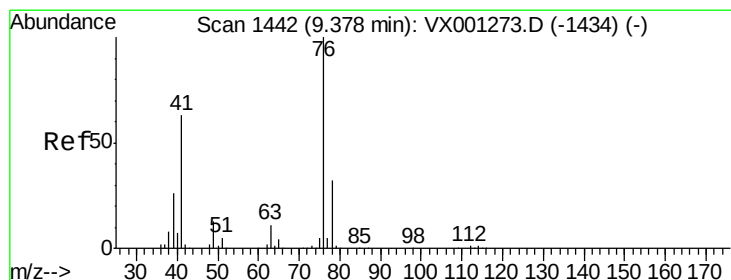
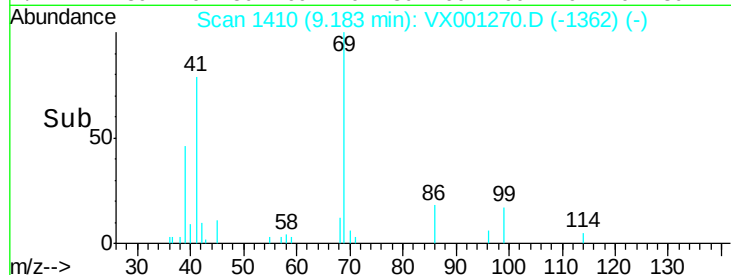
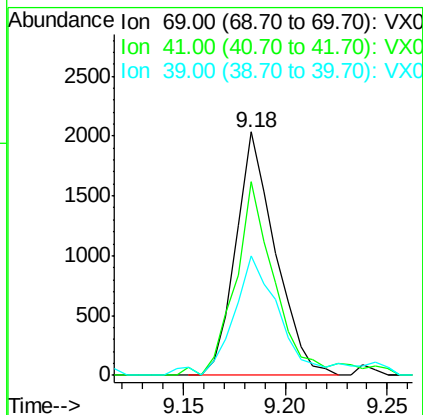
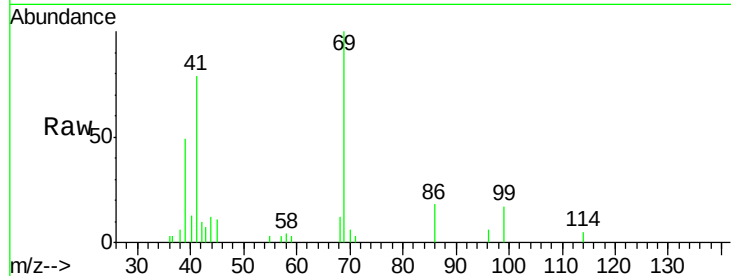
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	2722
Ion	Ratio	Lower	Upper
69	100		
41	83.2	57.2	85.8
39	56.0	34.3	51.5#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.04 ug/l

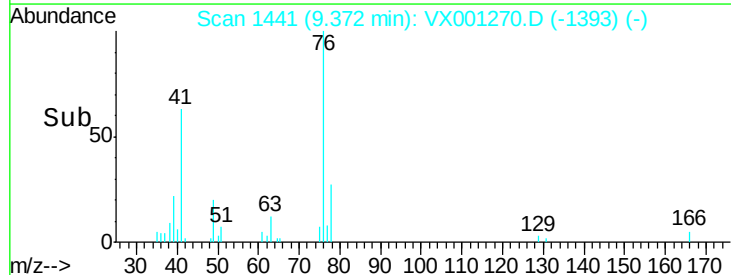
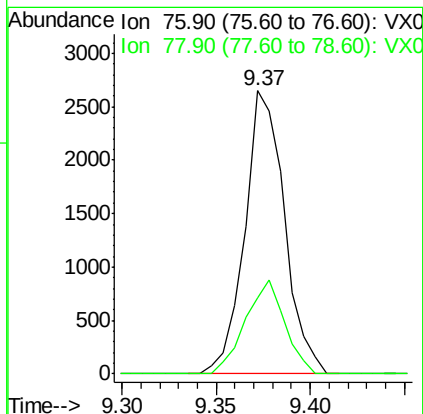
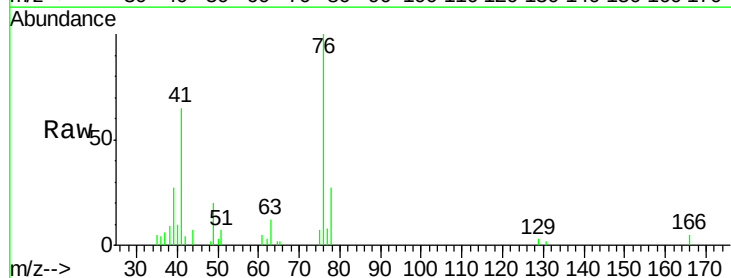
RT: 9.37 min Scan# 1441

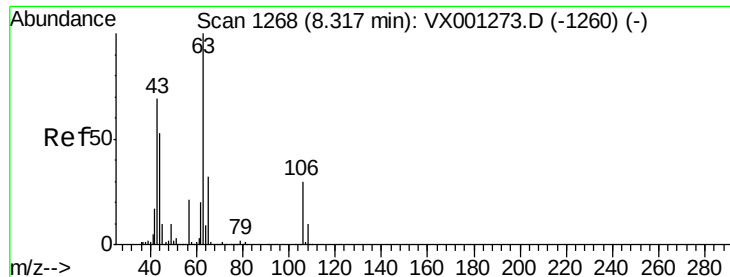
Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	76	Resp:	3863
Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.6	38.4





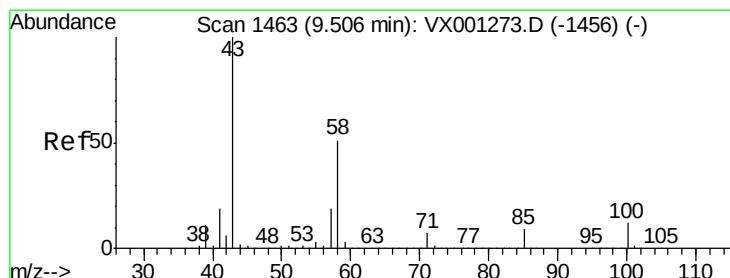
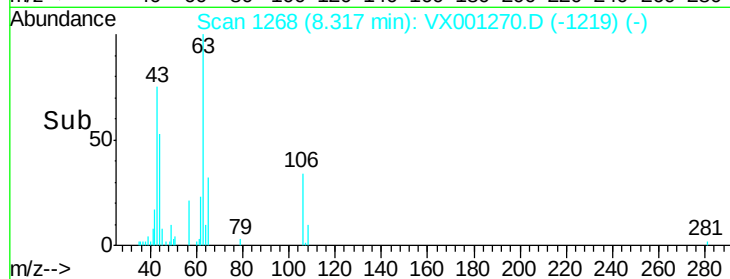
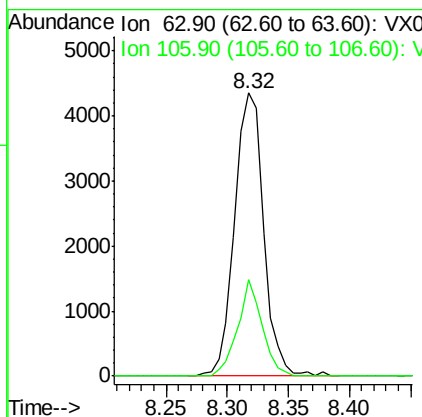
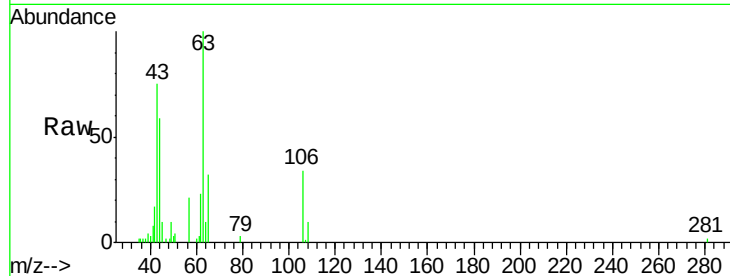
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.46 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 7135
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.8 35.6

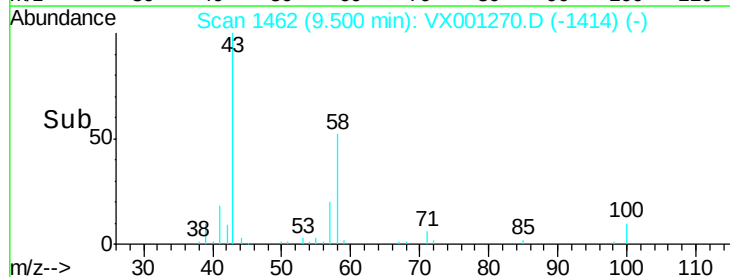
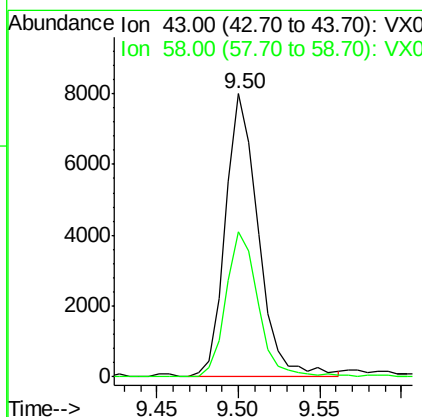
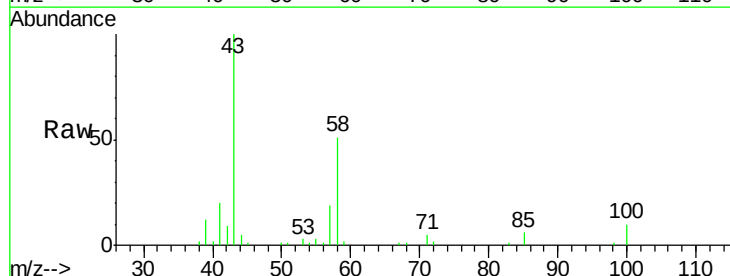
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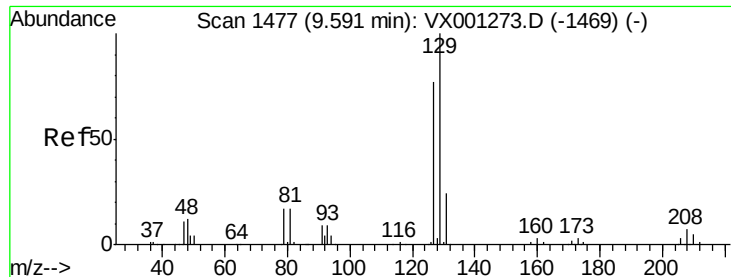
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#59
 2-Hexanone
 Concen: 4.11 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion: 43 Resp: 11248
 Ion Ratio Lower Upper
 43 100
 58 49.9 25.7 77.0





#60

Dibromochloromethane

Concen: 0.92 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2138

Ion Ratio Lower Upper

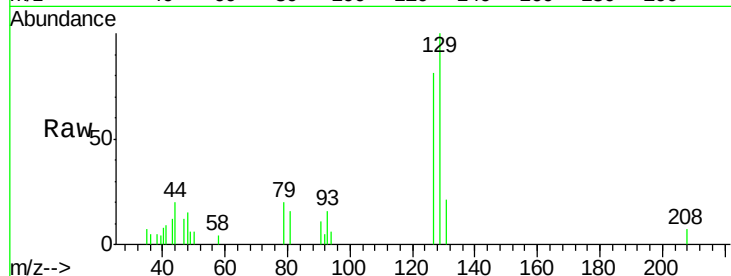
129 100

127 74.6 39.1 117.3

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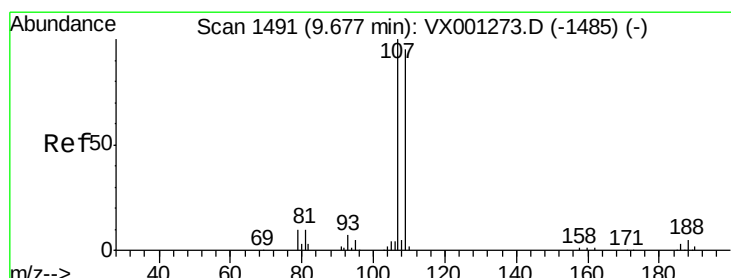
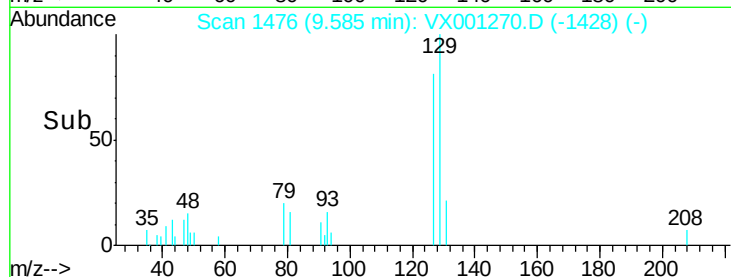
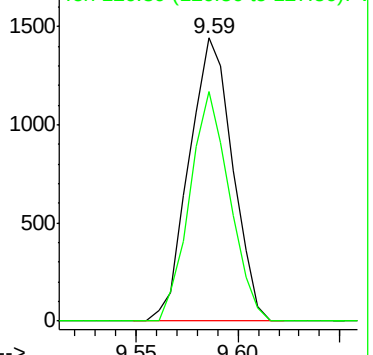
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.04 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001270.D

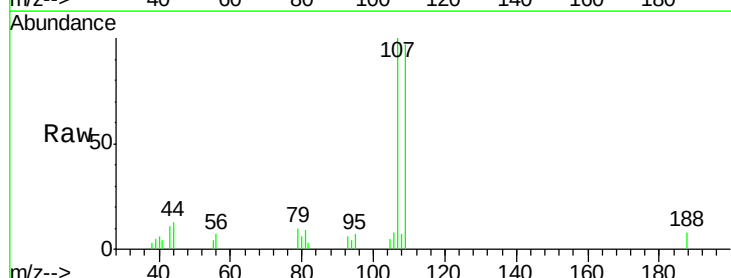
Acq: 01 May 2018 11:02

Tgt Ion:107 Resp: 2492

Ion Ratio Lower Upper

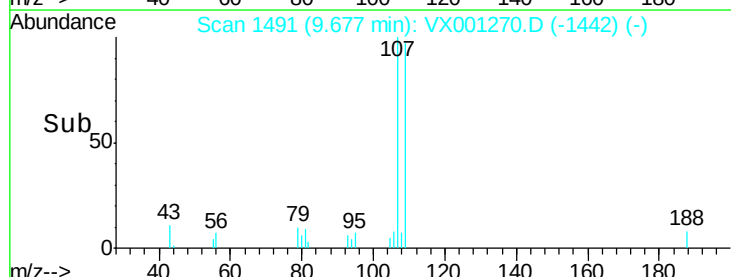
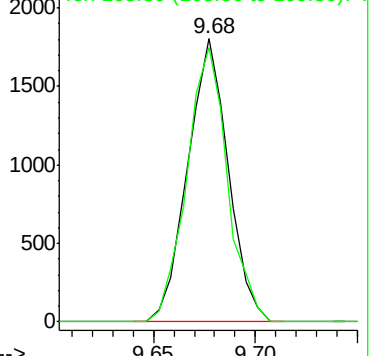
107 100

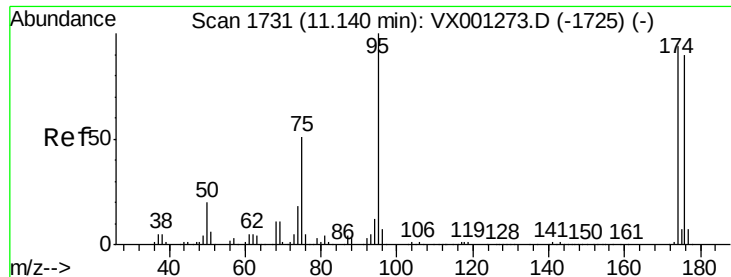
109 97.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 1.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 95 Resp: 3238

Ion Ratio Lower Upper

95 100

174 103.2 0.0 201.8

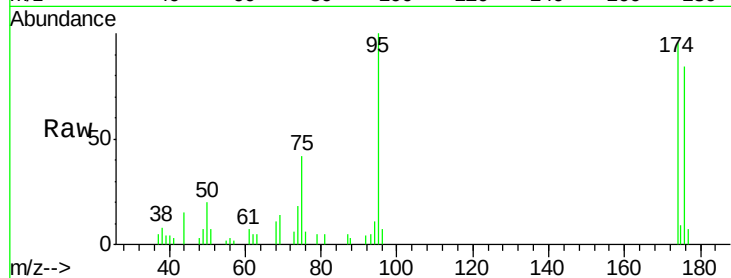
176 100.6 0.0 197.2

Manual Integrations

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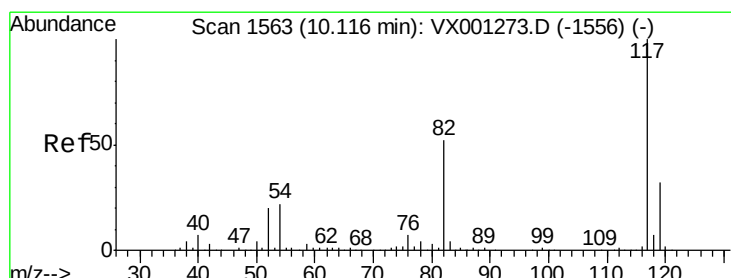
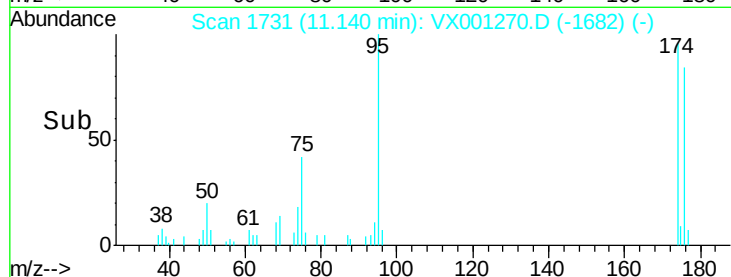
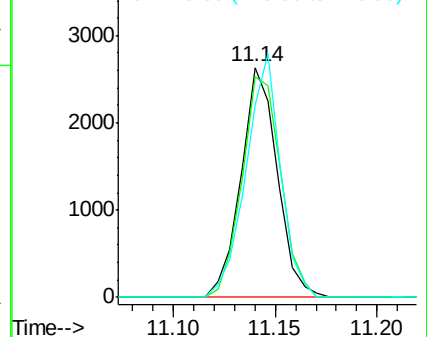
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Abundance Ion 94.90 (94.60 to 95.60): VX001270.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001270.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001270.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

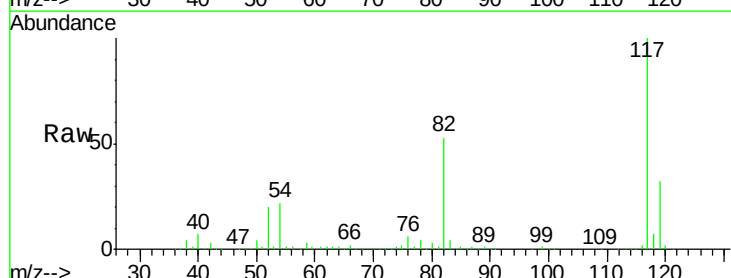
Tgt Ion: 117 Resp: 238114

Ion Ratio Lower Upper

117 100

82 53.2 41.4 62.0

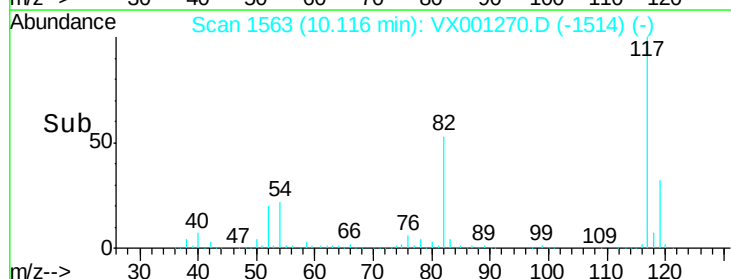
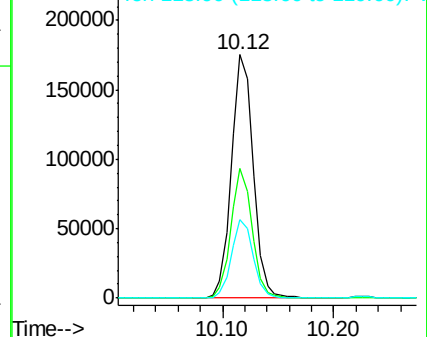
119 32.0 25.5 38.3

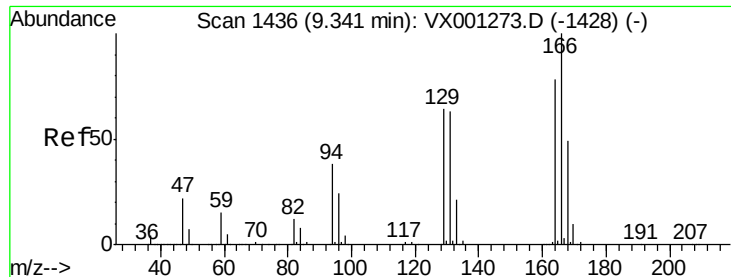


Abundance Ion 116.90 (116.60 to 117.60): VX001270.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001270.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001270.D (-1514) (-)





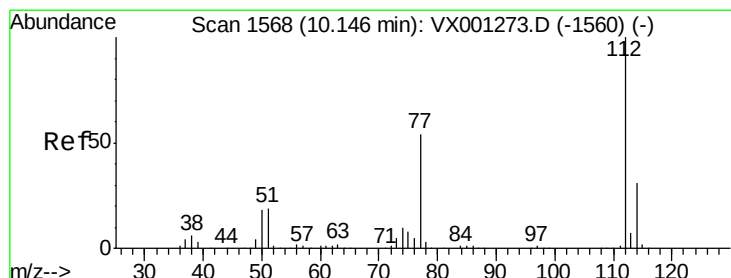
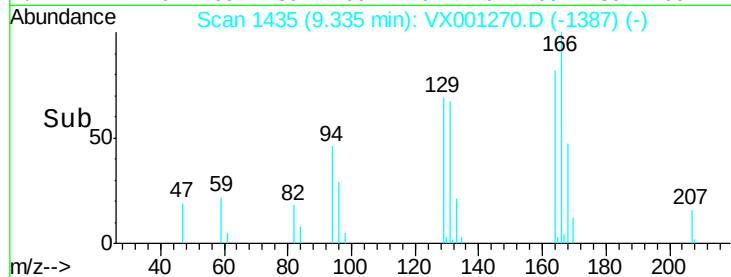
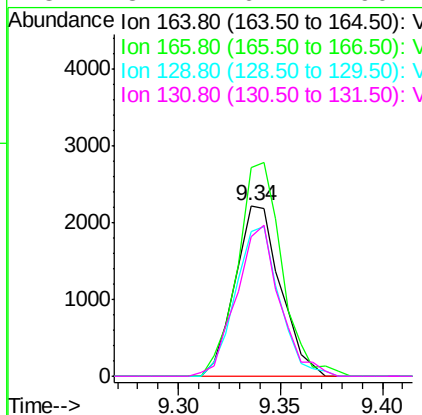
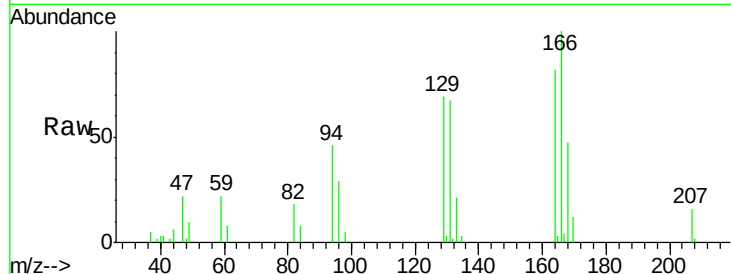
#64
Tetrachloroethene
Concen: 1.32 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	164	Resp:	3420
Ion	Ratio	Lower	Upper
164	100		
166	122.2	102.3	153.5
129	84.7	65.1	97.7
131	82.1	64.2	96.4

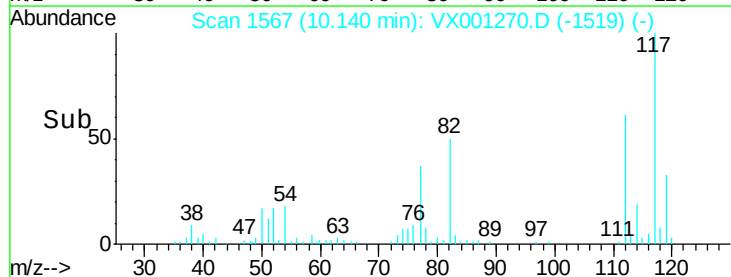
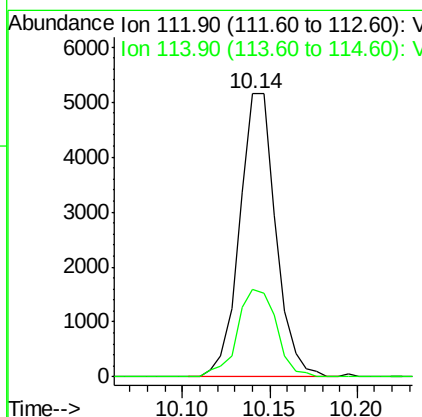
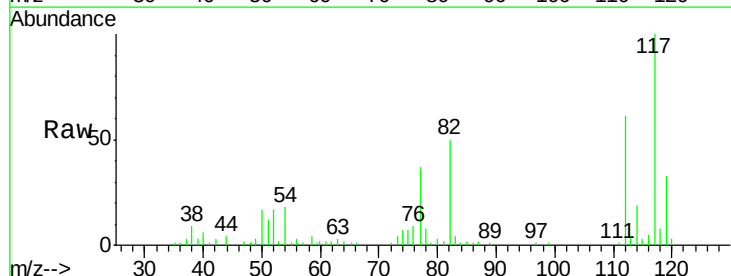
Manual Integrations
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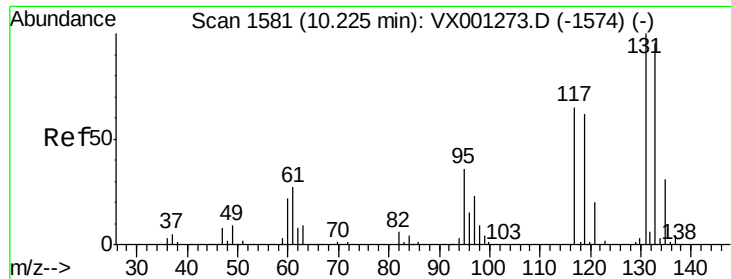
MMDadoda
5/2/2018 4:20:50 PM



#65
Chlorobenzene
Concen: 1.18 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion:	112	Resp:	7401
Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.8	37.2





#66

1,1,1,2-Tetrachloroethane

Concen: 0.96 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

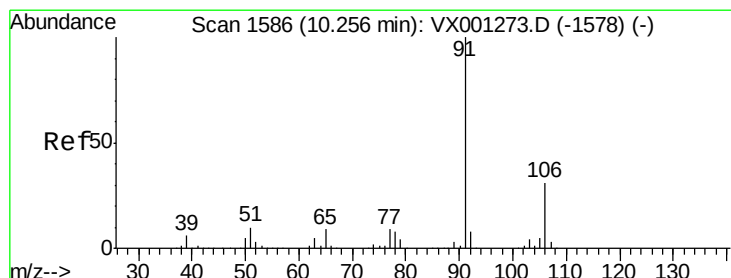
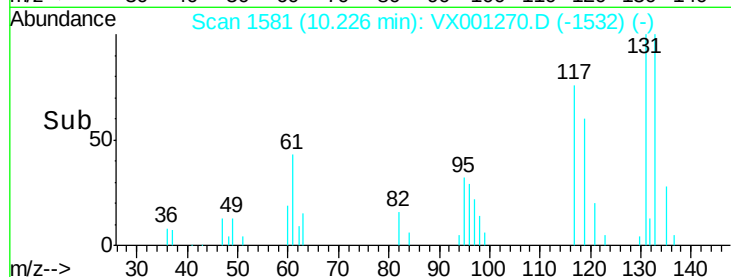
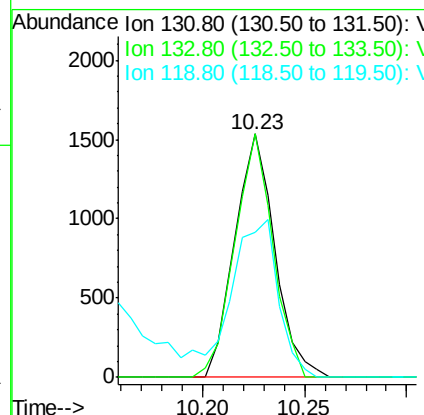
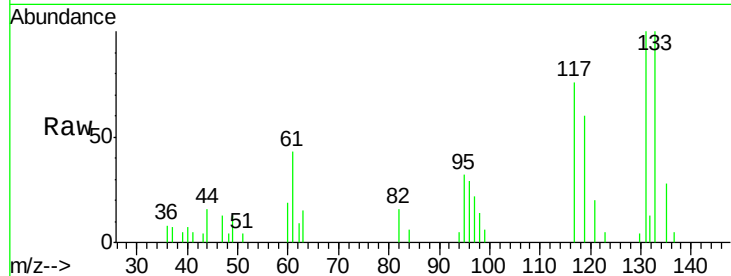
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.3	144.9
119	0.0	31.2	93.6

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#67

Ethyl Benzene

Concen: 1.15 ug/l

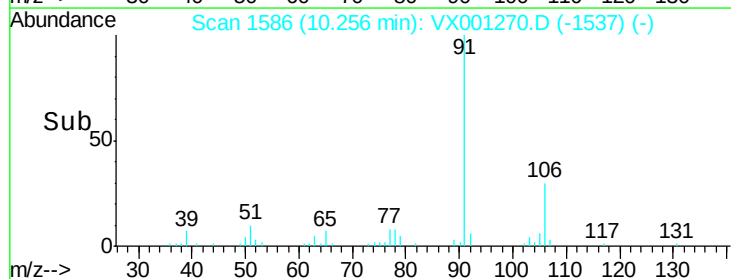
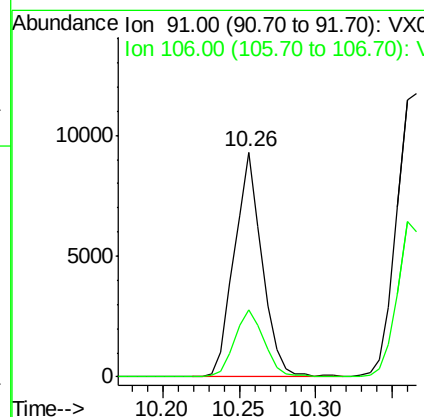
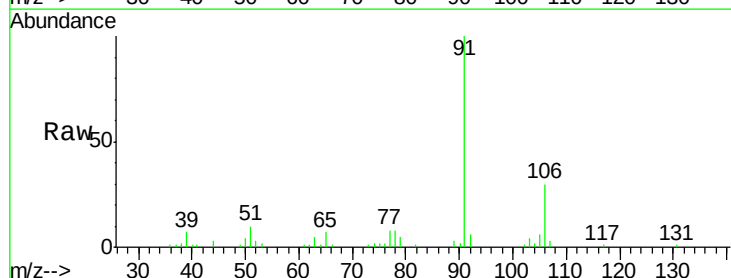
RT: 10.26 min Scan# 1586

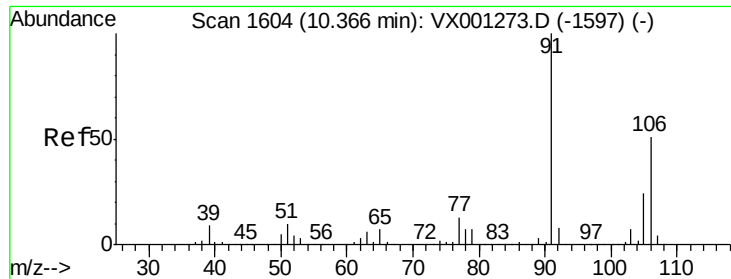
Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.9	37.3





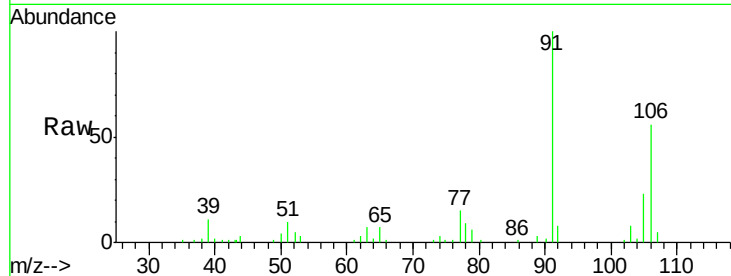
#68
m/p-Xylenes
Concen: 2.19 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

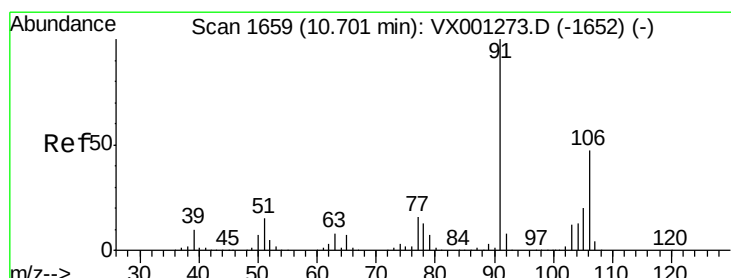
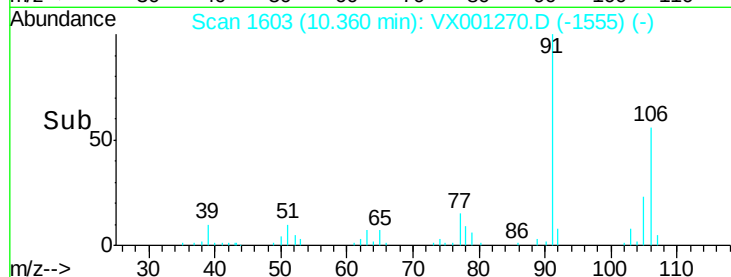
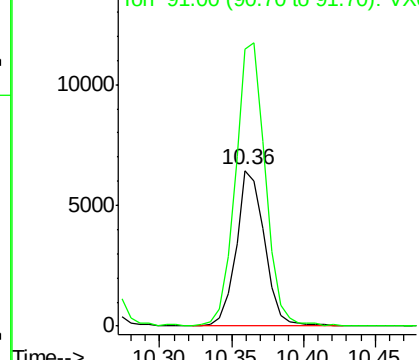
Tot Ion:106 Resp: 8880
Ion Ratio Lower Upper
106 100
91 191.0 159.4 239.2

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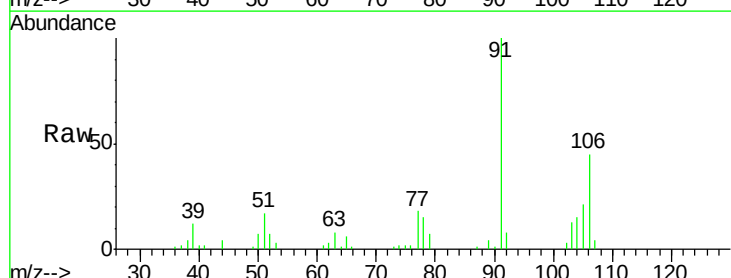


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

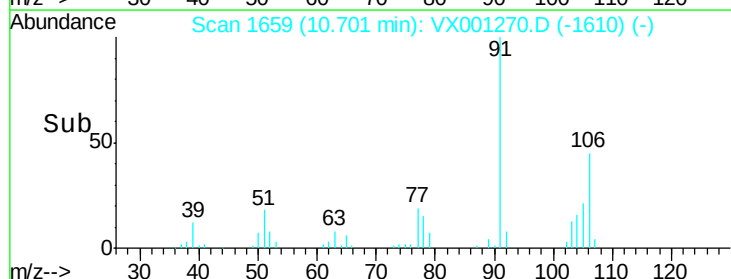
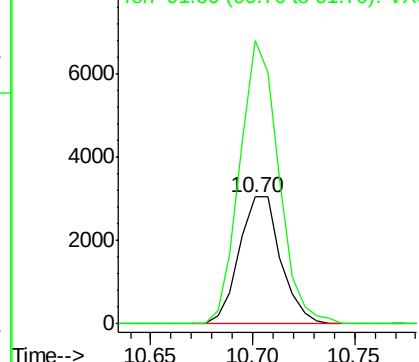


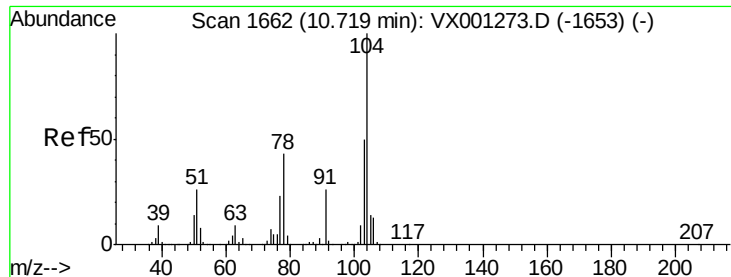
#69
o-Xylene
Concen: 1.10 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion:106 Resp: 4312
Ion Ratio Lower Upper
106 100
91 208.3 106.3 319.0



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





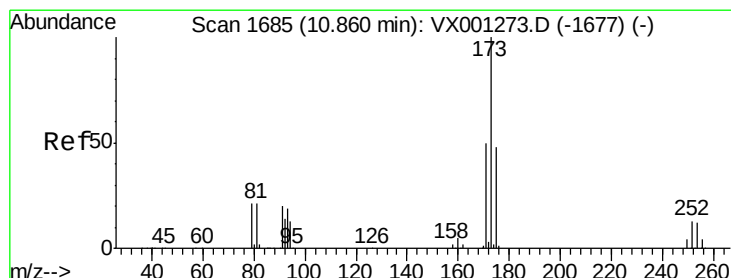
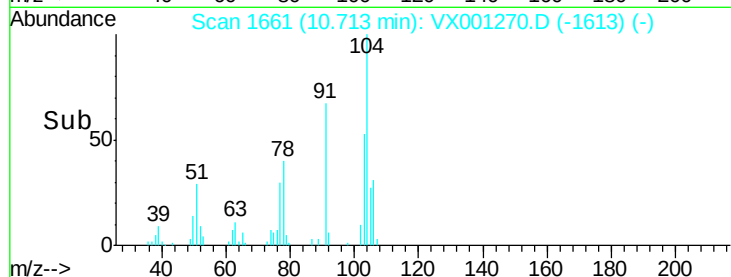
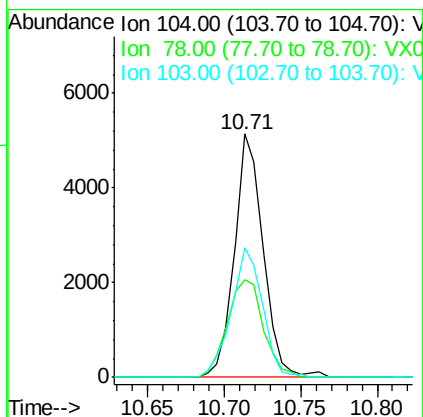
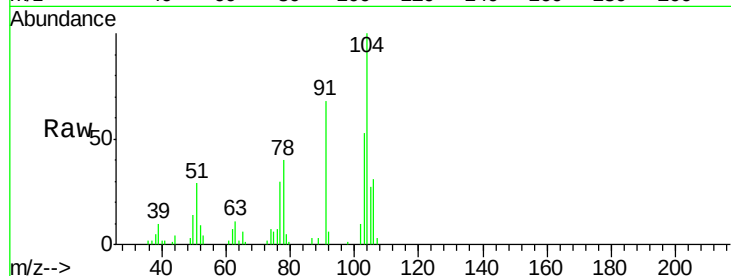
#70
Stvrene
Concen: 1.03 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.1	40.1	60.1
103	57.5	44.5	66.7

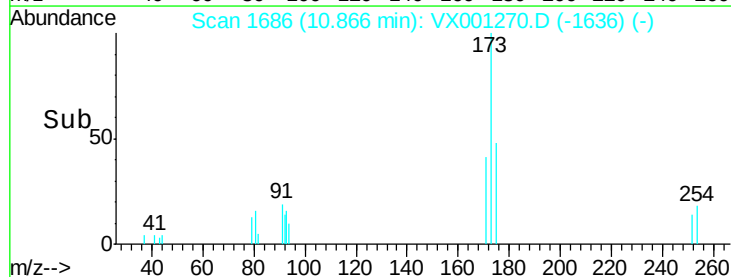
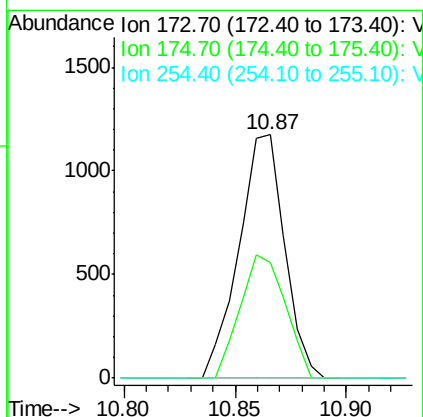
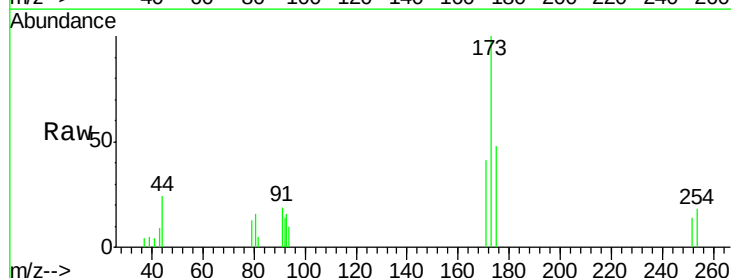
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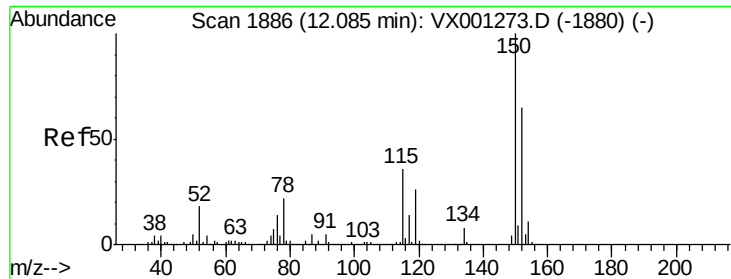
MMDadoda
5/2/2018 4:20:50 PM



#71
Bromoform
Concen: 0.89 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.6	74.0
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

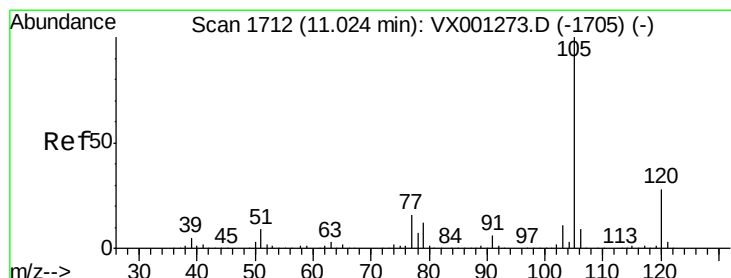
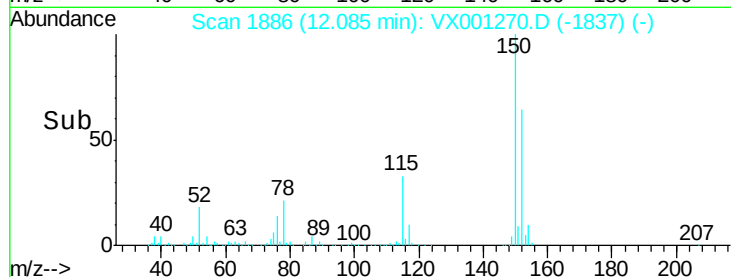
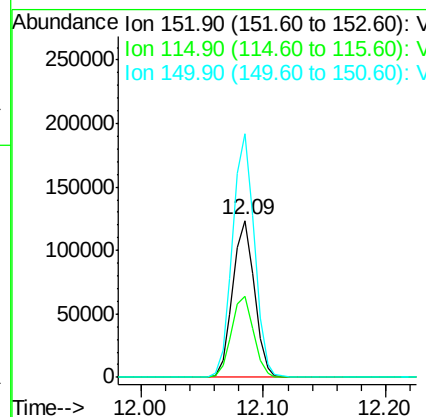
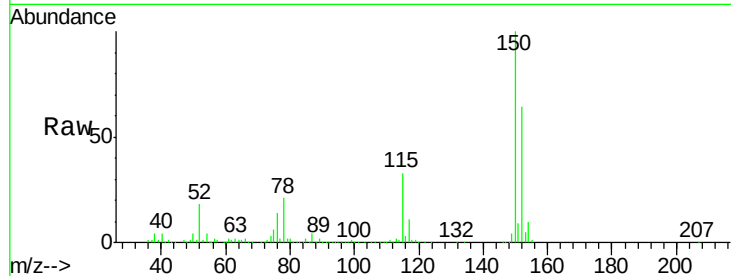
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	151271
Ion	Ratio	Lower	Upper
152	100		
115	53.3	38.6	115.7
150	156.1	0.0	349.2

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#73

Isopropylbenzene

Concen: 1.16 ug/l

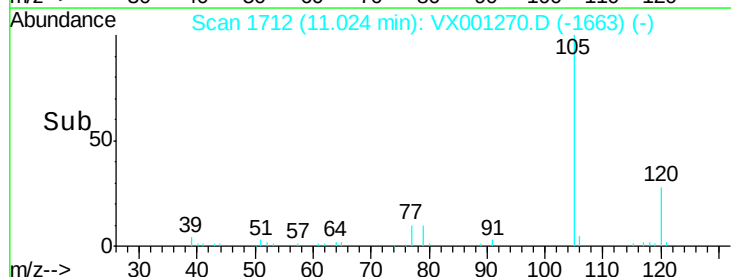
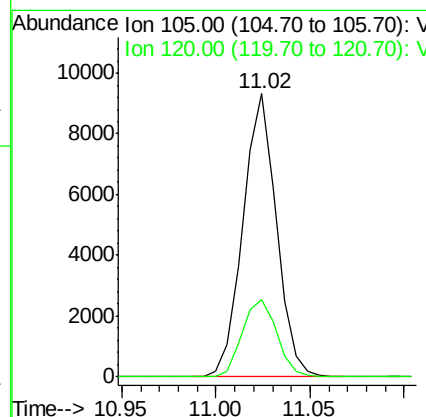
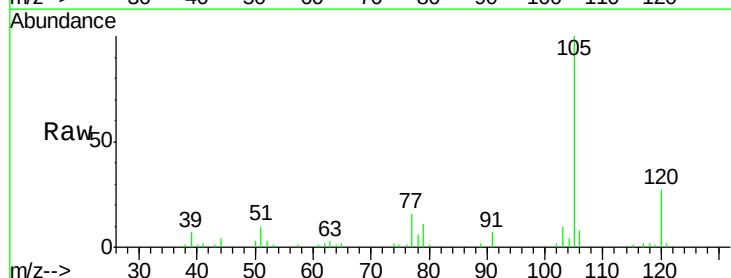
RT: 11.02 min Scan# 1712

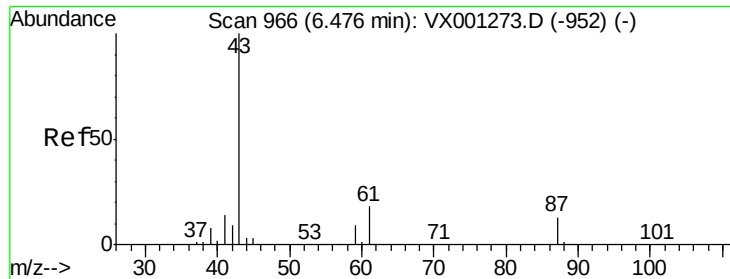
Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	105	Resp:	11472
Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.7	41.1





#74

N-amvl acetate

Concen: 1.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

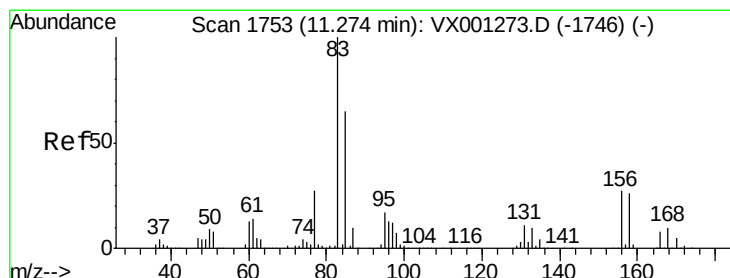
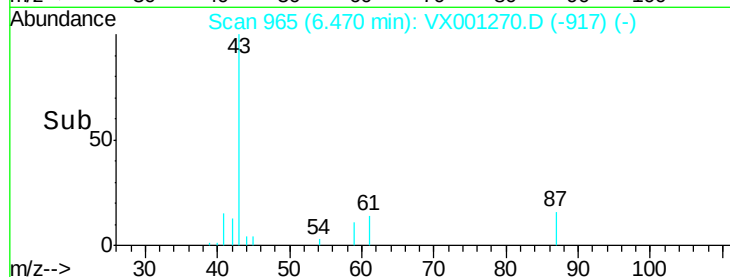
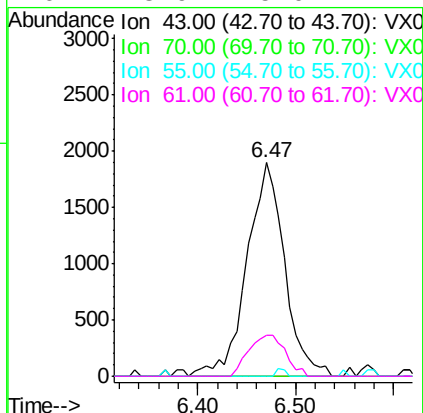
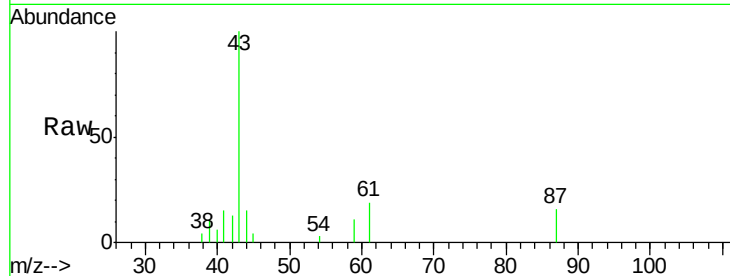
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	5081
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.8	0.1	0.1#
61	18.9	15.0	22.4

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.07 ug/l

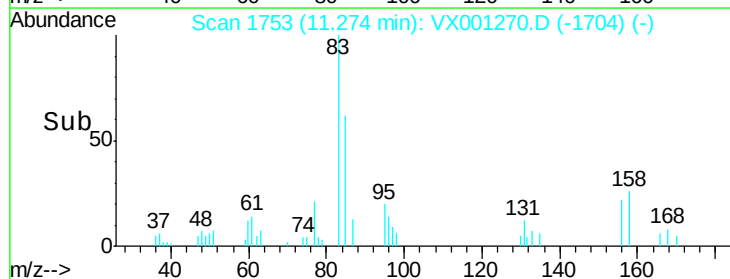
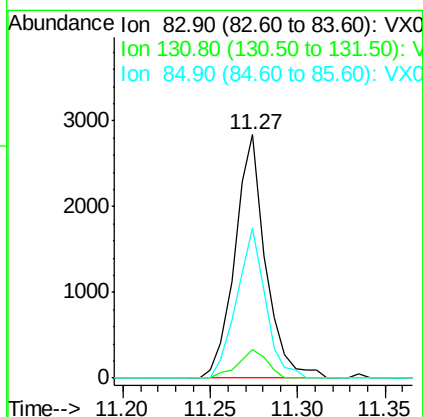
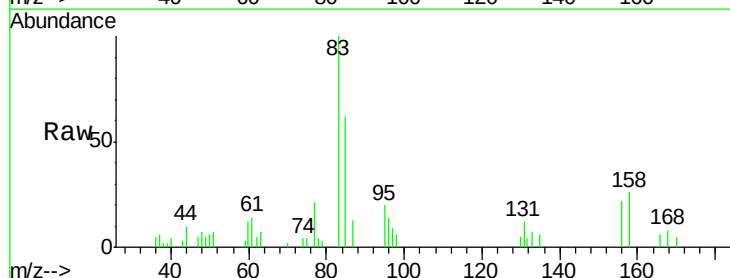
RT: 11.27 min Scan# 1753

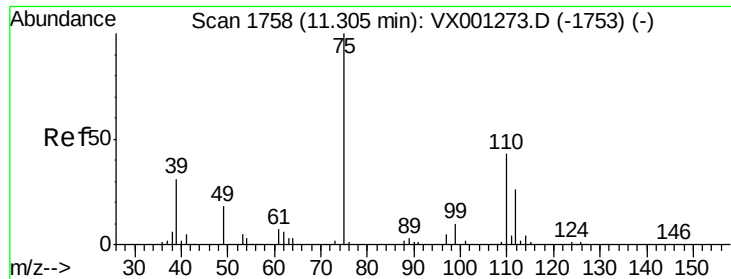
Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion:	83	Resp:	3453
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.8	17.3
85	57.6	32.6	97.7





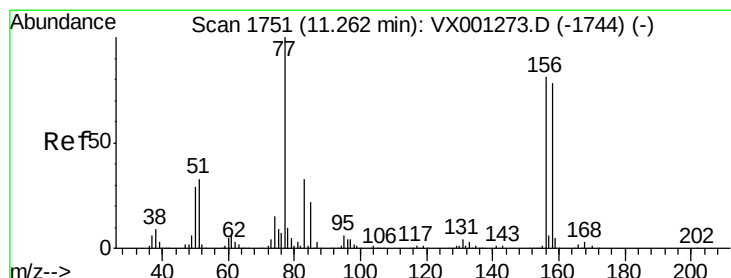
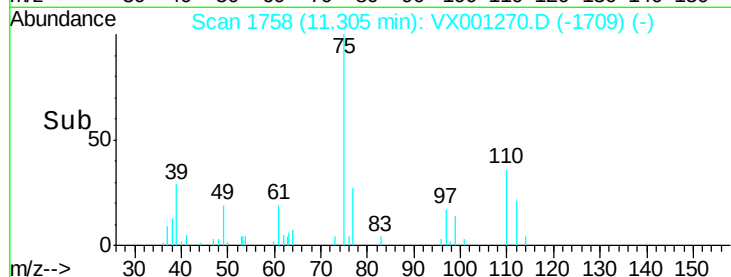
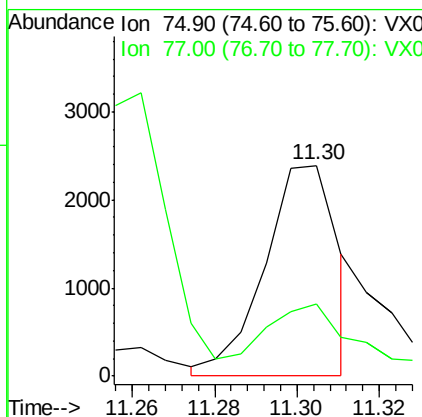
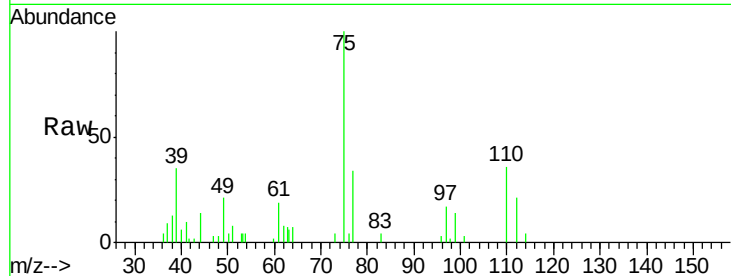
#76
 1,2,3-Trichloropropane
 Concen: 0.98 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 2962
 Ion Ratio Lower Upper
 75 100
 77 44.9 18.9 56.5

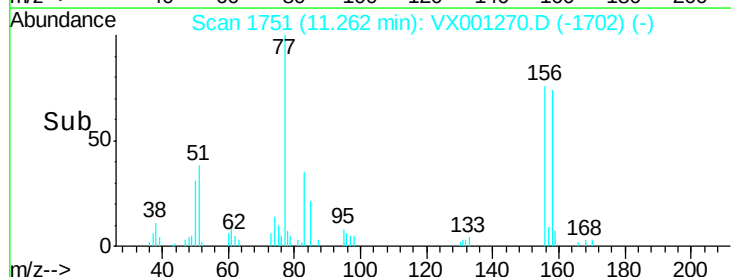
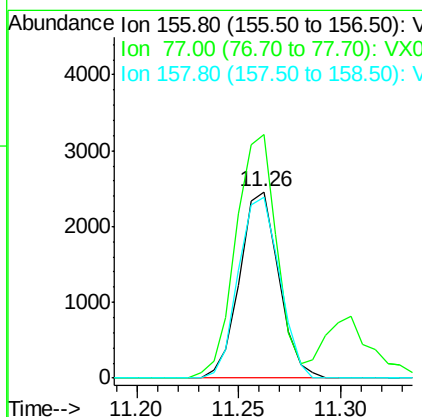
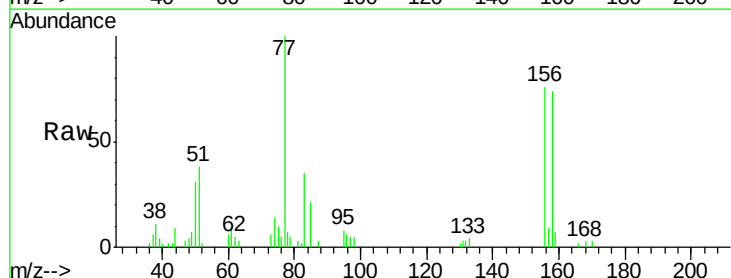
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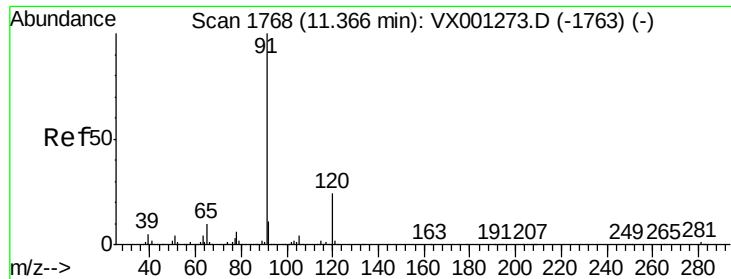
MMDadoda
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#77
 Bromobenzene
 Concen: 1.12 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion: 156 Resp: 3272
 Ion Ratio Lower Upper
 156 100
 77 136.8 65.3 195.8
 158 101.9 48.5 145.5





#78

n-propylbenzene

Concen: 1.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 11809

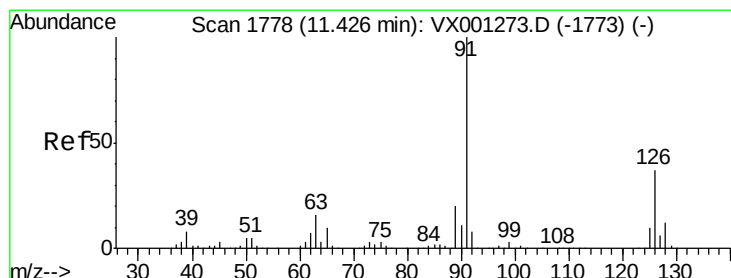
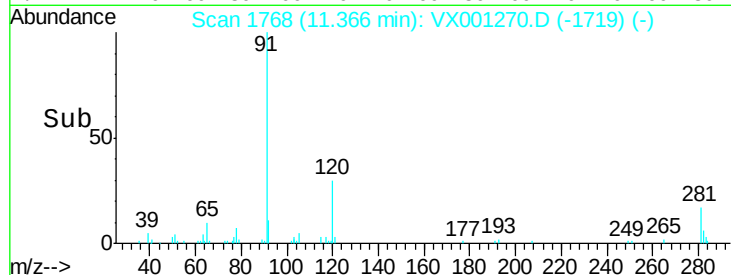
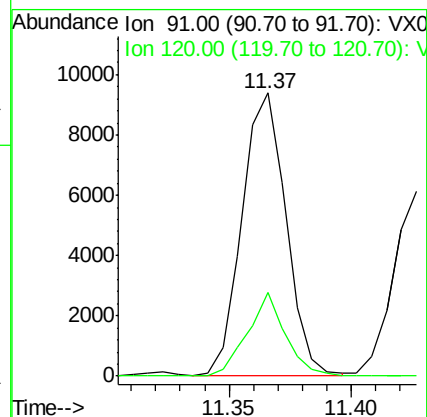
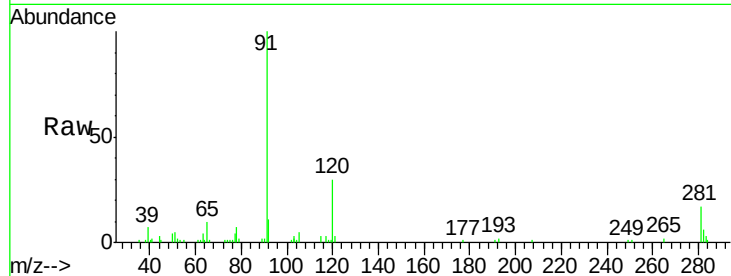
Ion Ratio Lower Upper

91 100

120 25.4 12.3 36.8

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.10 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001270.D

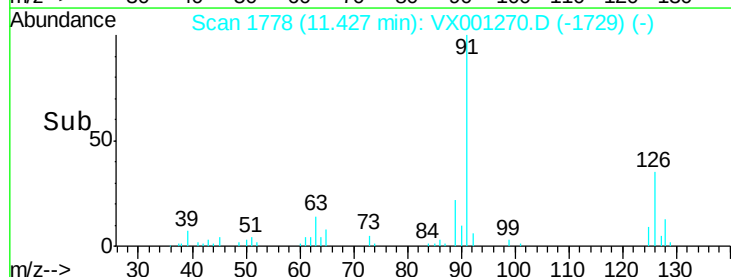
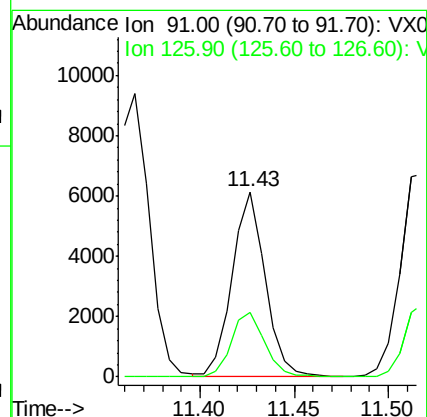
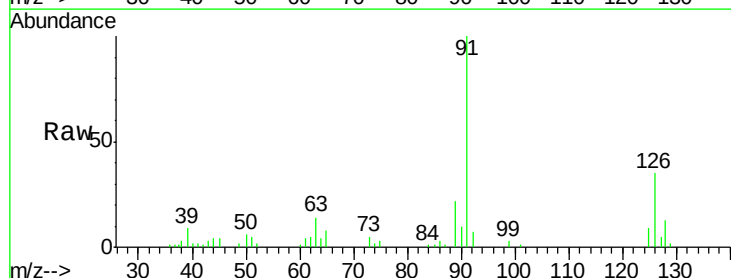
Acq: 01 May 2018 11:02

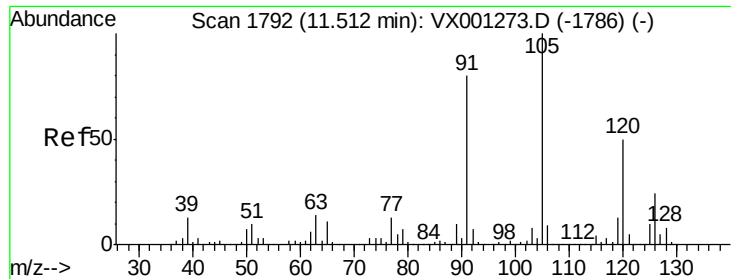
Tgt Ion: 91 Resp: 7523

Ion Ratio Lower Upper

91 100

126 34.8 18.4 55.4





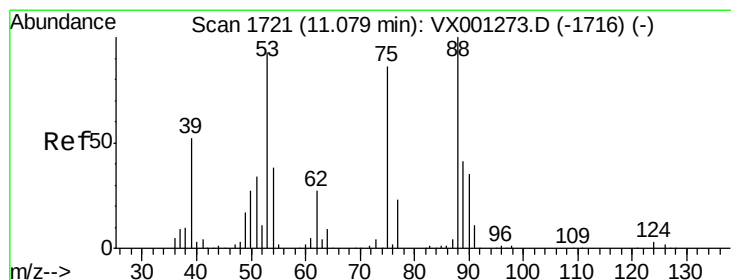
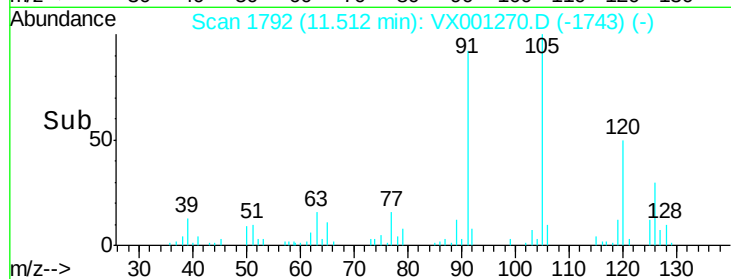
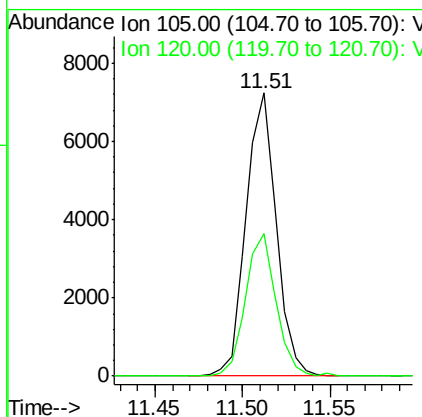
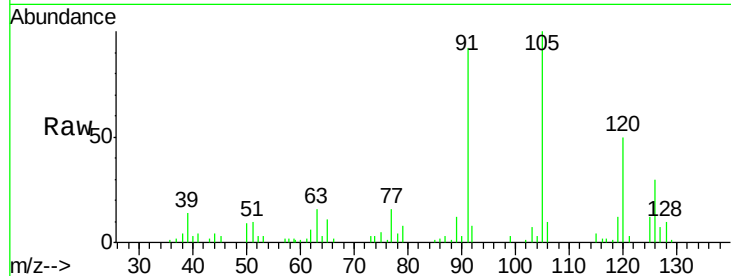
#80
 1,3,5-Trimethylbenzene
 Concen: 1.04 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 8723
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.6 74.0

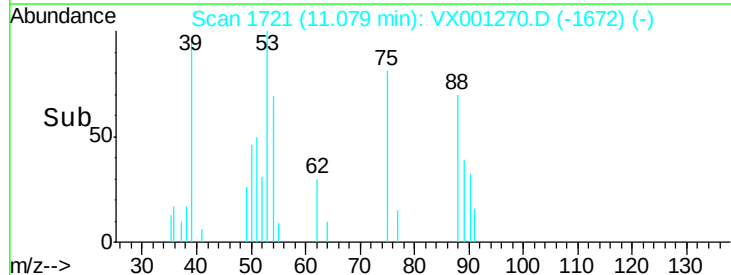
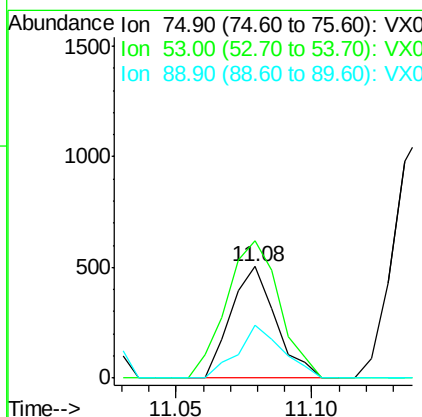
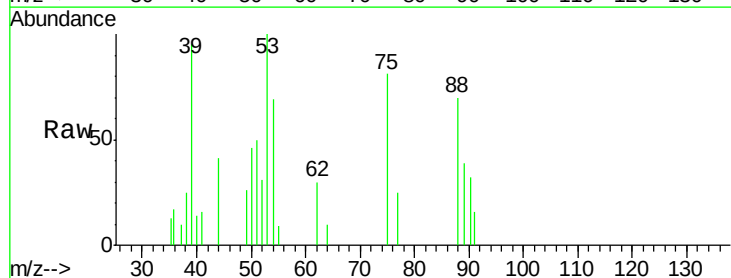
Manual Integrations
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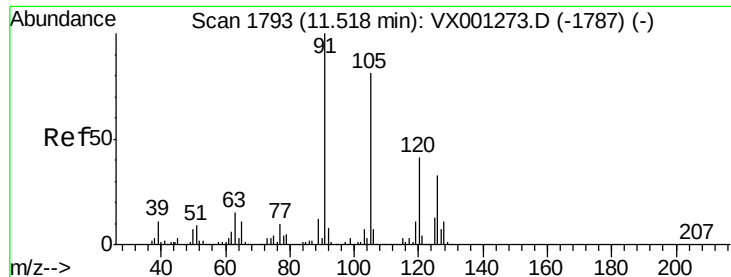
MMDadoda
 5/2/2018 4:20:50 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.75 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion: 75 Resp: 574
 Ion Ratio Lower Upper
 75 100
 53 146.7 87.1 130.7#
 89 47.9 38.9 58.3





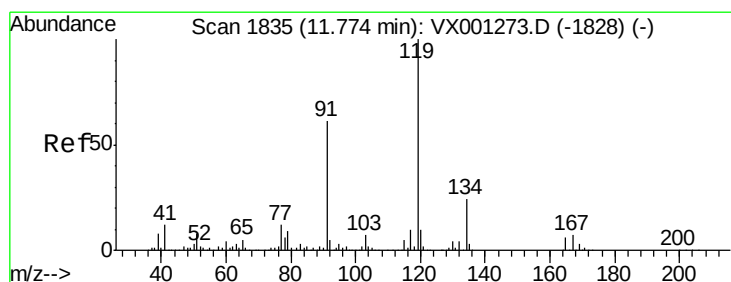
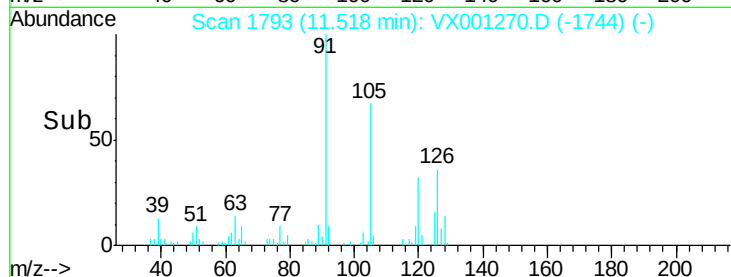
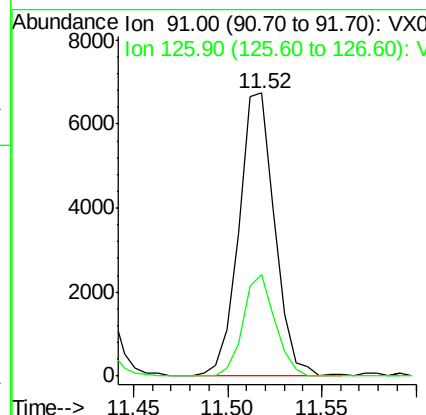
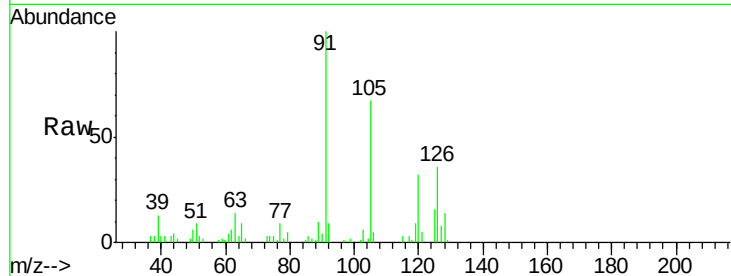
#82
4-Chlorotoluene
Concen: 1.09 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.1	48.2

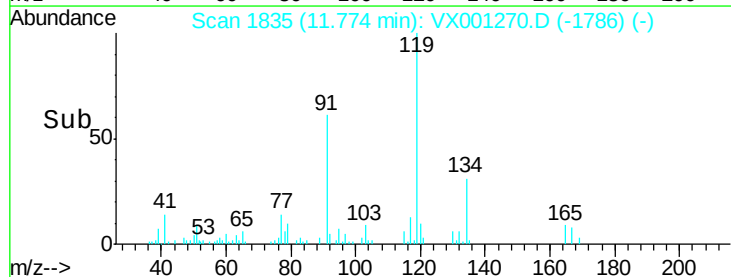
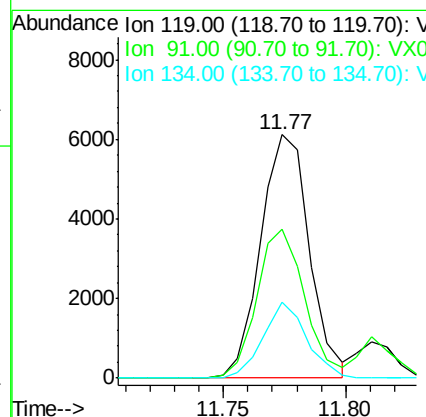
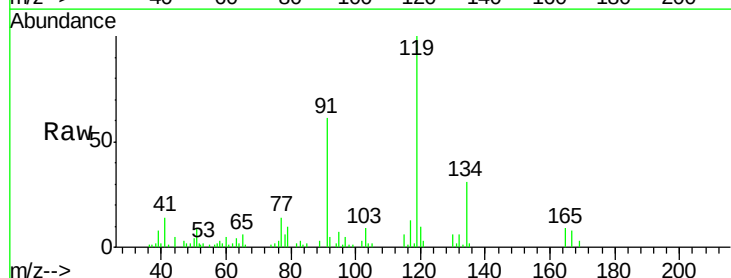
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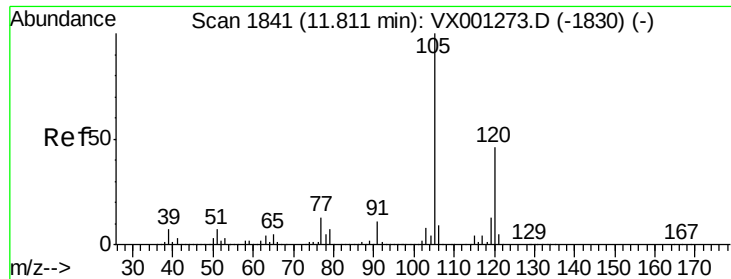
MMDadoda
5/2/2018 4:20:50 PM



#83
tert-Butylbenzene
Concen: 1.02 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.1	28.1	84.3
134	28.2	11.8	35.3





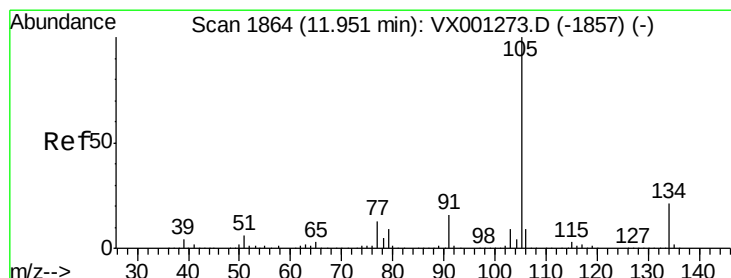
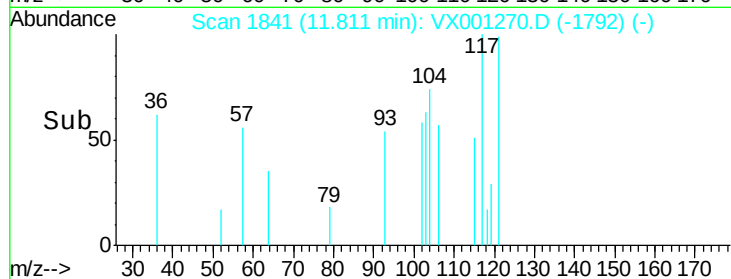
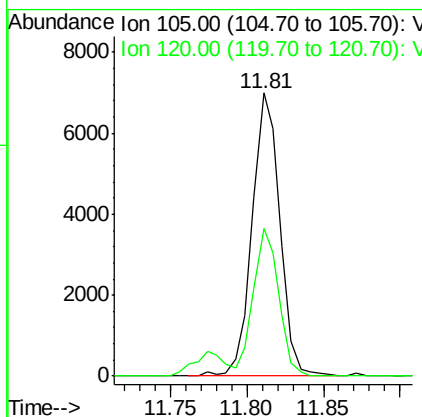
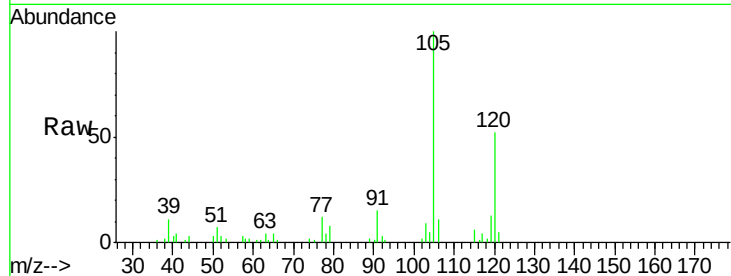
#84
 1,2,4-Trimethylbenzene
 Concen: 1.02 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 8824
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.7 68.1

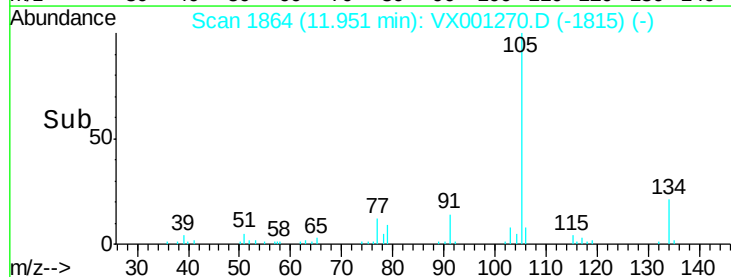
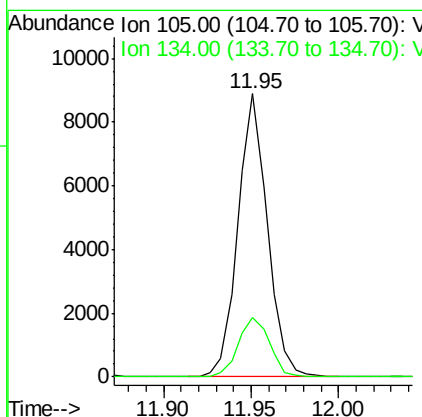
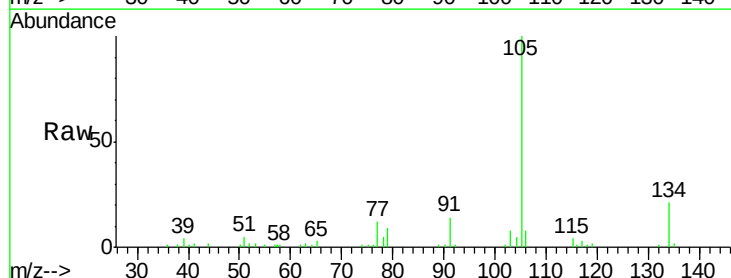
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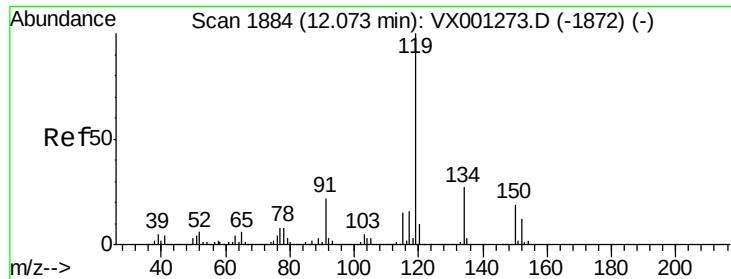
MMDadoda
 5/2/2018 4:20:50 PM



#85
 sec-Butylbenzene
 Concen: 1.06 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion:105 Resp: 10404
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.7 31.9





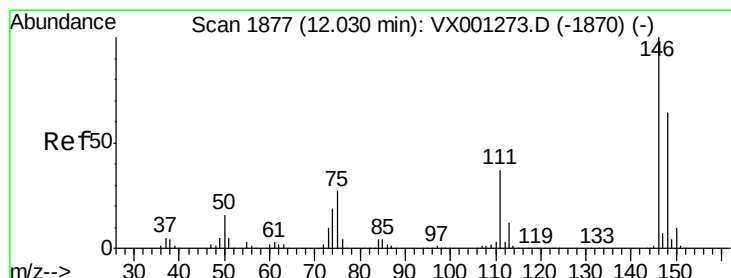
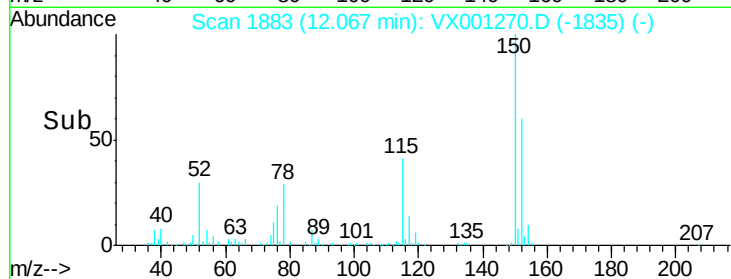
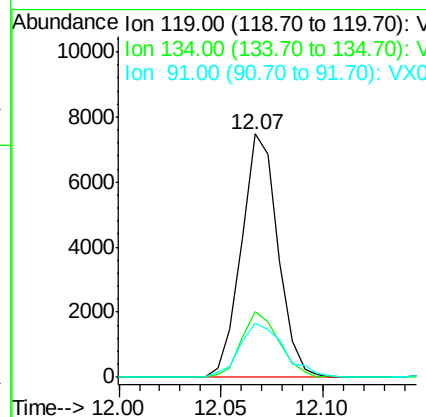
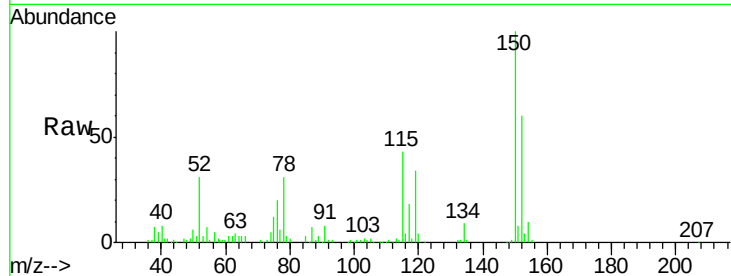
#86
 p-Isopropyltoluene
 Concen: 1.02 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.6	40.7
91	27.1	11.7	35.1

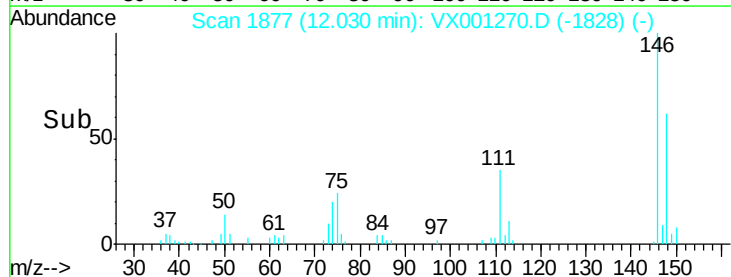
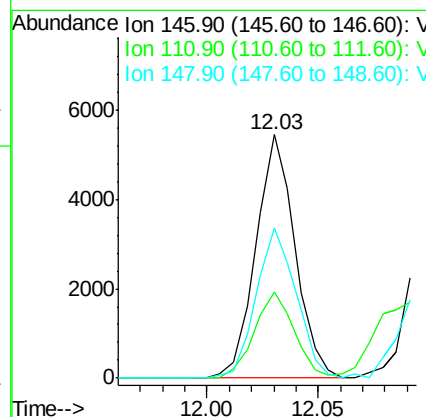
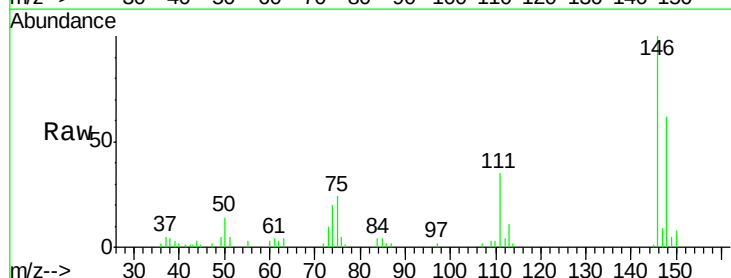
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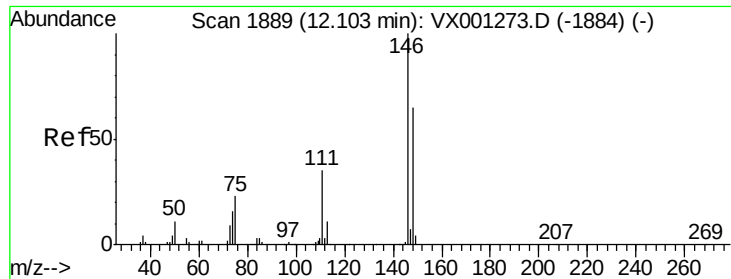
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#87
 1,3-Dichlorobenzene
 Concen: 1.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.2
148	63.3	32.2	96.6





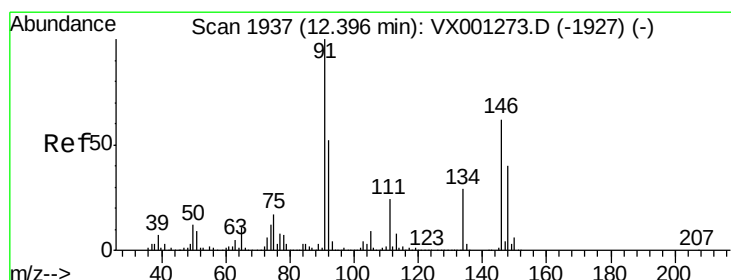
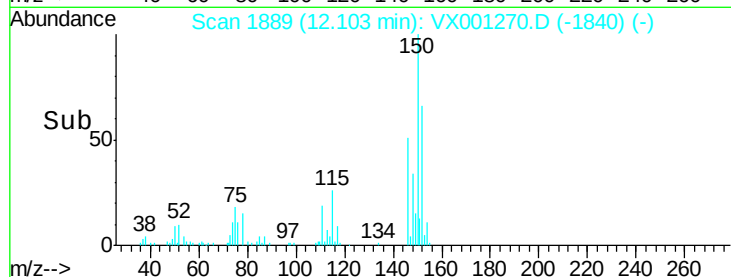
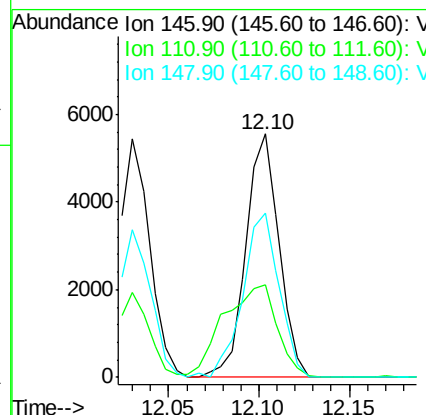
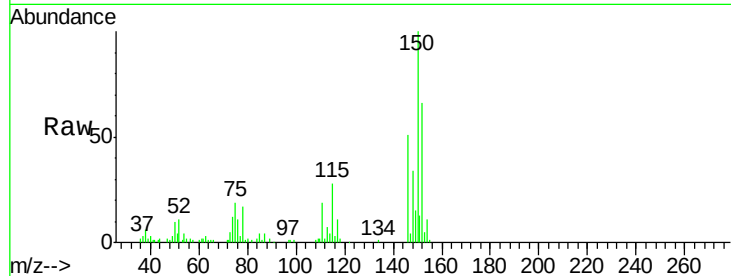
#88
 1,4-Dichlorobenzene
 Concen: 1.28 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.2	17.9	53.7
148	59.9	32.3	96.8

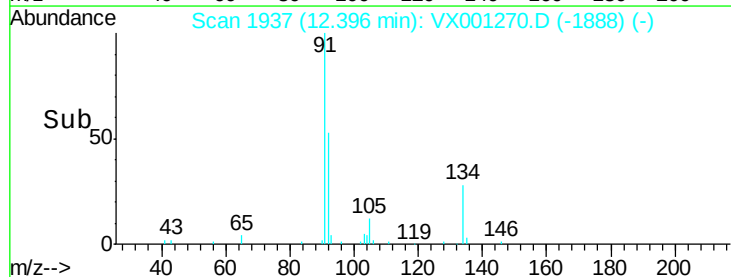
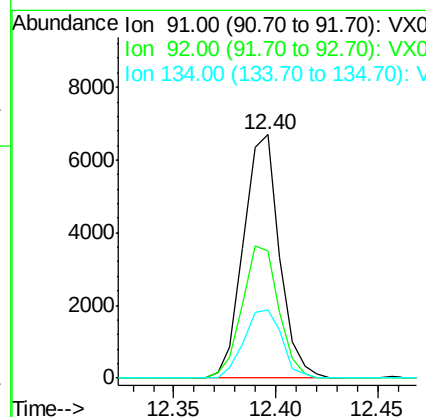
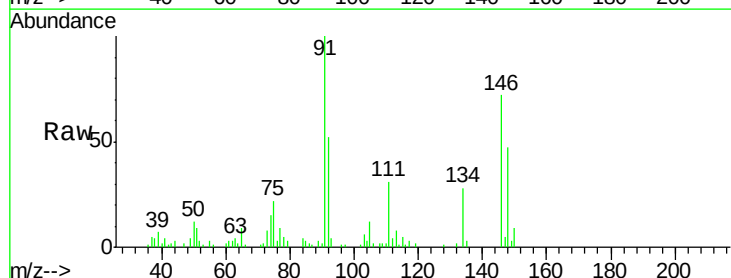
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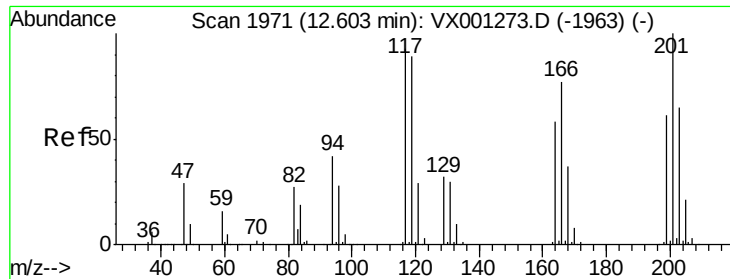
MMDadoda
 5/2/2018 4:20:50 PM



#89
 n-Butylbenzene
 Concen: 1.04 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.0	26.2	78.5
134	29.4	14.0	42.0





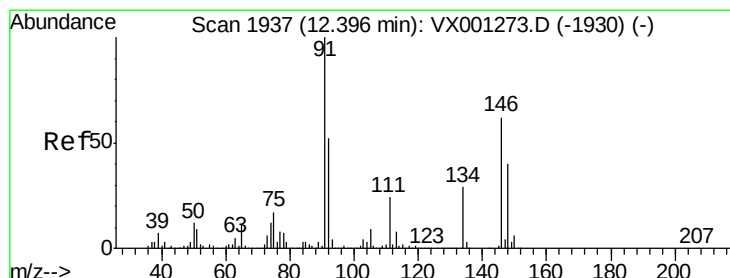
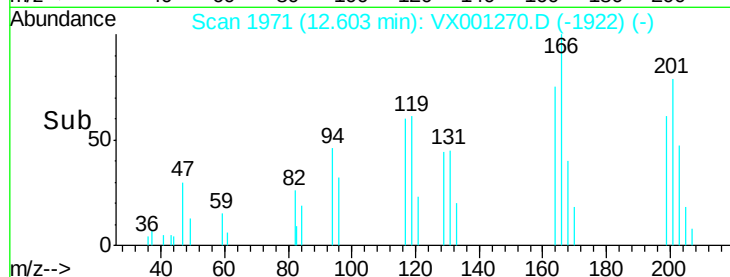
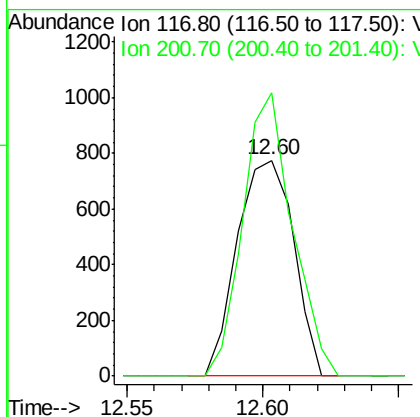
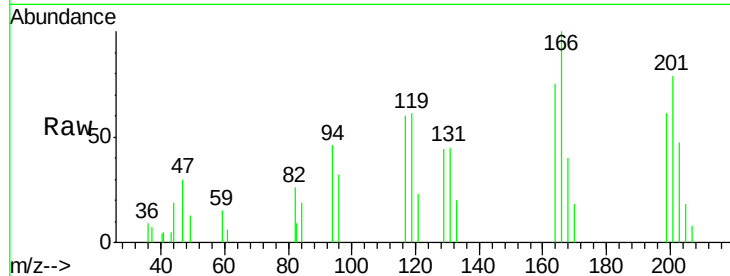
#90
Hexachloroethane
Concen: 0.86 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1115
Ion Ratio Lower Upper
117 100
201 115.0 51.6 154.8

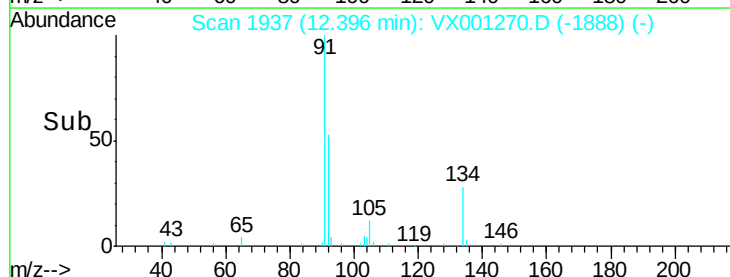
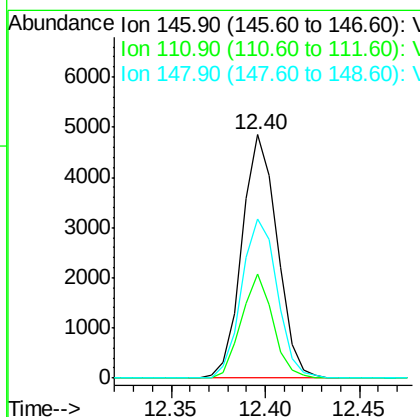
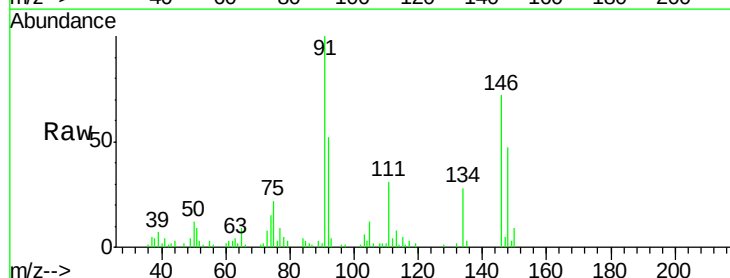
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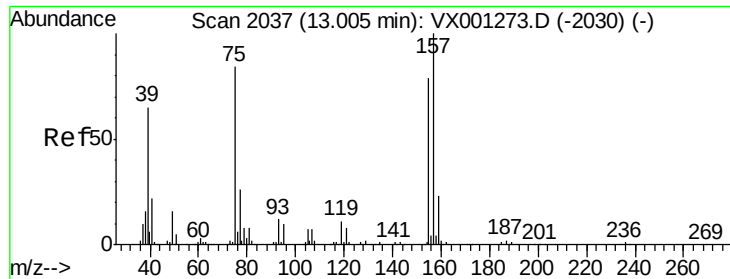
MMDadoda
5/2/2018 4:20:50 PM



#91
1,2-Dichlorobenzene
Concen: 1.18 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion:146 Resp: 6299
Ion Ratio Lower Upper
146 100
111 38.1 18.9 56.5
148 66.1 32.4 97.0





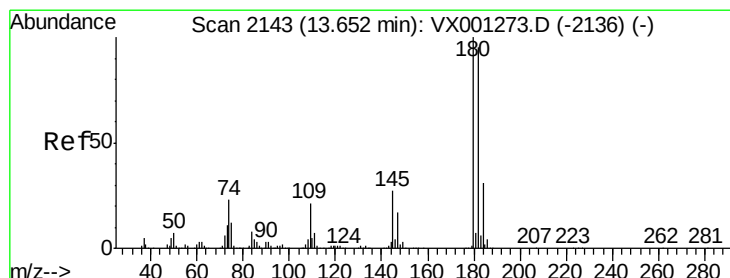
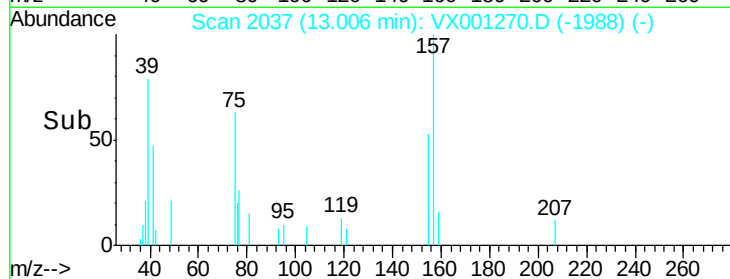
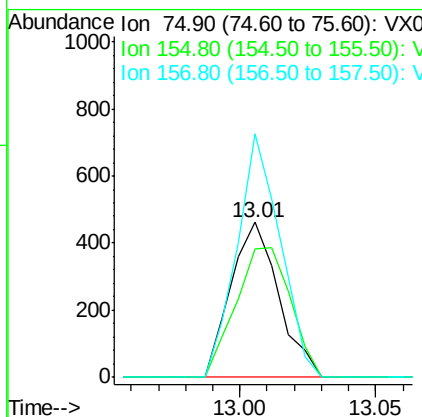
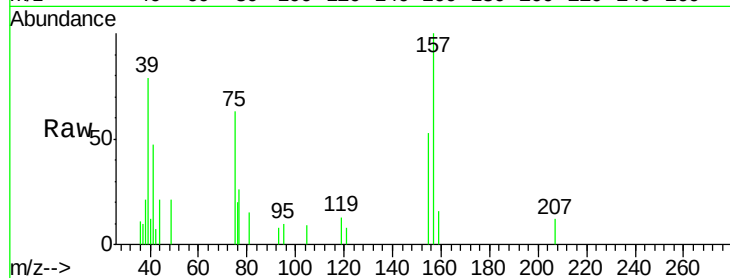
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	96.1	49.9	149.7
157	142.4	63.7	191.1

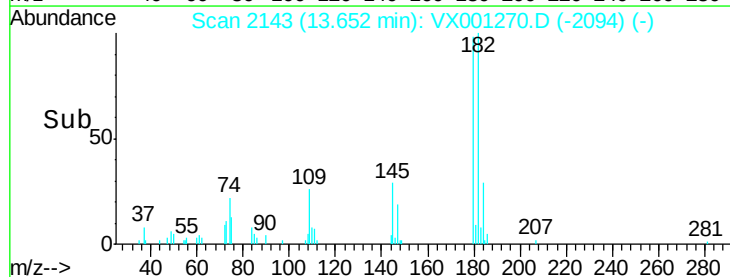
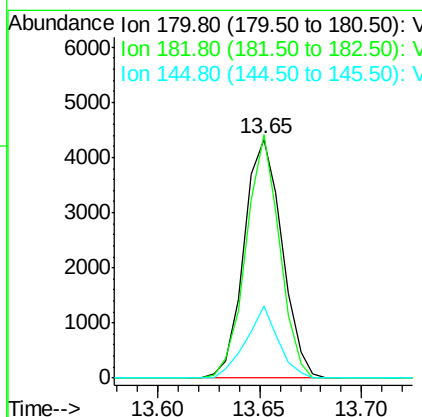
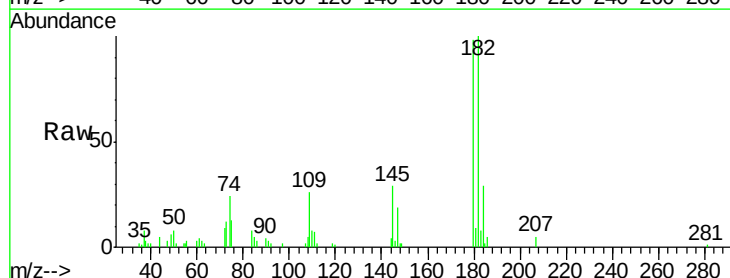
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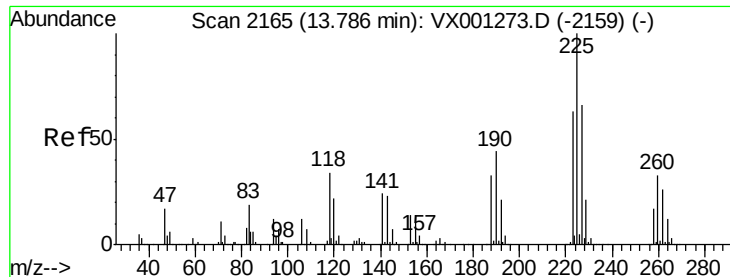
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 1.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	47.3	141.9
145	25.8	13.5	40.4





#94

Hexachlorobutadiene

Concen: 1.48 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

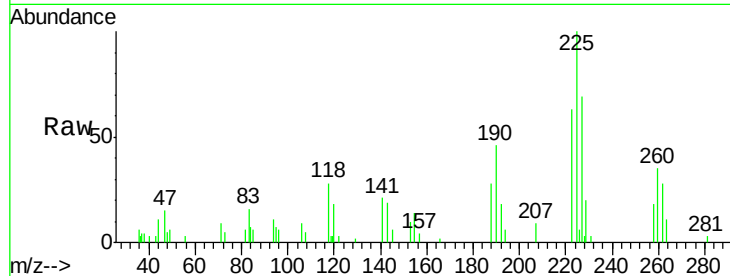
ClientSampleId :

VSTDIC001

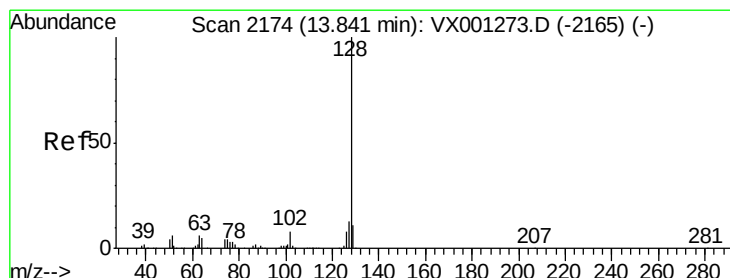
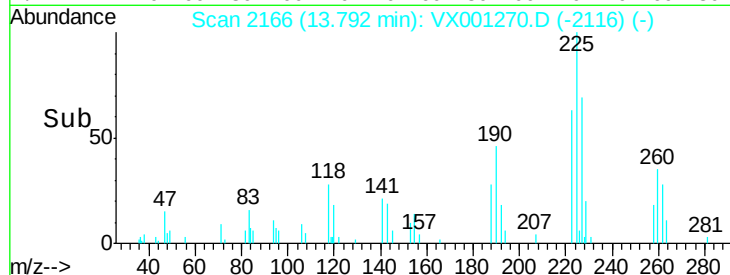
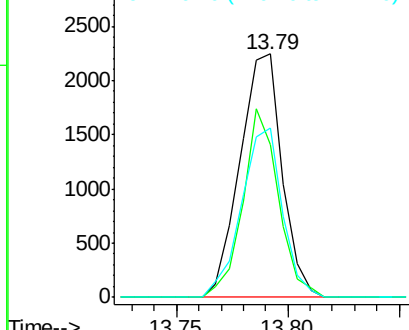
Tot Ion:	225	Resp:	2970
Ion Ratio	Lower	Upper	
225	100		
223	65.4	31.4	94.0
227	67.3	32.5	97.5

Manual Integrations
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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: 1.07 ug/l

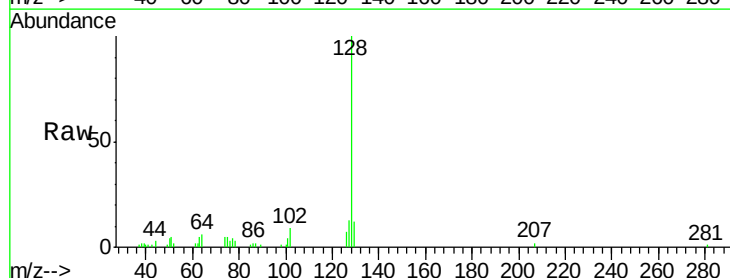
RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

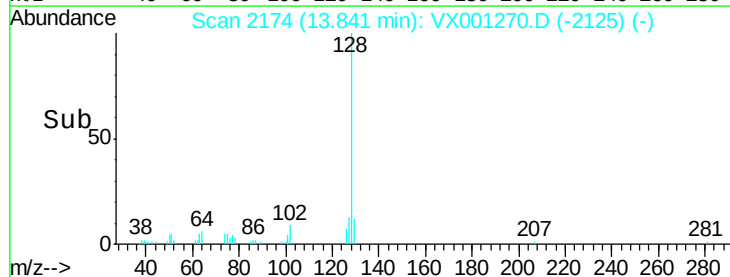
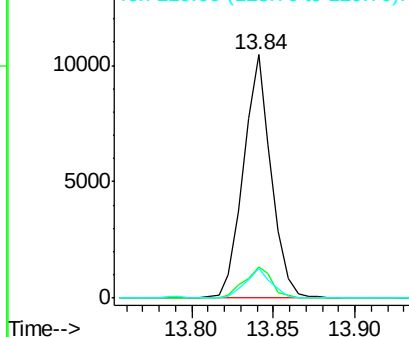
Lab File: VX001270.D

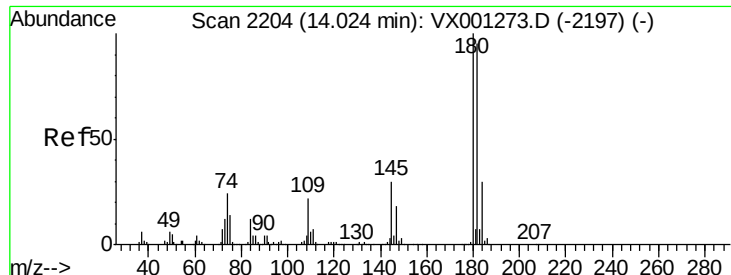
Acq: 01 May 2018 11:02

Tgt Ion:	128	Resp:	12340
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	11.2	8.7	13.1



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: 1.25 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.3
145	28.5	14.4	43.4

Manual Integrations
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