

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006882.D
 Acq On : 02 Jan 2019 17:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:25 AM

Quant Time: Jan 03 01:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	588481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	847632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	781860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	419647	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	291841	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	
35) Dibromofluoromethane	5.50	113	267678	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	8.71	98	984634	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	372762	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	210038	39.015	ug/l	99
3) Chloromethane	1.33	50	233022	40.176	ug/l	98
4) Vinyl Chloride	1.41	62	252717	41.719	ug/l	99
5) Bromomethane	1.64	94	248120	43.649	ug/l	95
6) Chloroethane	1.71	64	166622	39.725	ug/l	97
7) Trichlorofluoromethane	1.93	101	412469	43.674	ug/l	99
8) Diethyl Ether	2.19	74	162530	43.328	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	253799	45.769	ug/l	99
10) Methyl Iodide	2.51	142	376490	47.431	ug/l	99
11) Tert butyl alcohol	3.06	59	303009	214.073	ug/l	100
12) 1,1-Dichloroethene	2.37	96	223836	42.571	ug/l	98
13) Acrolein	2.29	56	187593	196.459	ug/l	97
14) Allyl chloride	2.73	41	398687	45.048	ug/l	100
15) Acrylonitrile	3.15	53	708327	225.385	ug/l	100
16) Acetone	2.44	43	598844	205.513	ug/l	100
17) Carbon Disulfide	2.57	76	504215	36.237	ug/l	99
18) Methyl Acetate	2.78	43	417898	48.773	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	831384	47.641	ug/l	99
20) Methylene Chloride	2.85	84	259858	43.127	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	245558	42.150	ug/l	98
22) Diisopropyl ether	3.87	45	829768	51.249	ug/l	95
23) Vinyl Acetate	3.82	43	3320345	250.709	ug/l	99
24) 1,1-Dichloroethane	3.70	63	453348	46.905	ug/l	98
25) 2-Butanone	4.69	43	900503	219.702	ug/l	100
26) 2,2-Dichloropropane	4.58	77	345722	46.306	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	293523	45.666	ug/l	98
28) Bromochloromethane	5.01	49	206840	50.796	ug/l	97
29) Tetrahydrofuran	5.15	42	598620	221.746	ug/l	98
30) Chloroform	5.21	83	468431	46.801	ug/l	98
31) Cyclohexane	5.57	56	371605	42.320	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	404794	47.897	ug/l	99
36) 1,1-Dichloropropene	5.80	75	331792	47.262	ug/l	99
37) Ethyl Acetate	4.85	43	354357	48.496	ug/l	98
38) Carbon Tetrachloride	5.78	117	338469	49.609	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	399443	43.218	ug/l	93
40) Benzene	6.14	78	1015552	47.590	ug/l	99
41) Methacrylonitrile	5.05	41	202629	52.232	ug/l	98
42) 1,2-Dichloroethane	6.20	62	348606	47.941	ug/l	100
43) Isopropyl Acetate	6.45	43	592384	53.283	ug/l	98
44) Trichloroethene	7.21	130	304298	47.114	ug/l	99
45) 1,2-Dichloropropane	7.51	63	262825	50.612	ug/l	98
46) Dibromomethane	7.66	93	183058	47.925	ug/l	97
47) Bromodichloromethane	7.90	83	334041	52.675	ug/l	98
48) Methyl methacrylate	7.77	41	299612	52.994	ug/l	98
49) 1,4-Dioxane	7.75	88	134767	909.236	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1829254	258.592	ug/l	99
52) Toluene	8.78	92	664023	48.166	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379363	55.778	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	409431	54.864	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	283625	50.262	ug/l	99
56) Ethyl methacrylate	9.18	69	419613	52.612	ug/l	96
57) 1,3-Dichloropropane	9.37	76	447906	49.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1086677	256.318	ug/l	100
59) 2-Hexanone	9.49	43	1341647	247.885	ug/l	99
60) Dibromochloromethane	9.58	129	296680	50.256	ug/l	98
61) 1,2-Dibromoethane	9.67	107	298968	49.839	ug/l	100
64) Tetrachloroethene	9.34	164	301003	48.618	ug/l	97
65) Chlorobenzene	10.13	112	793087	47.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	286992	55.611	ug/l	99
67) Ethyl Benzene	10.25	91	1310420	48.482	ug/l	100
68) m/p-Xylenes	10.36	106	1044284	97.912	ug/l	99
69) o-Xylene	10.69	106	512629	48.673	ug/l	98
70) Styrene	10.71	104	838721	50.336	ug/l	100
71) Bromoform	10.85	173	223971	48.282	ug/l	99
73) Isopropylbenzene	11.02	105	1375413	47.909	ug/l	98
74) N-amyl acetate	10.90	43	538883	52.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	409643	47.978	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	387973m	49.748	ug/l	
77) Bromobenzene	11.26	156	373823	48.163	ug/l	98
78) n-propylbenzene	11.36	91	1542537	48.792	ug/l	99
79) 2-Chlorotoluene	11.42	91	901452	47.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1146956	48.504	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118203	46.454	ug/l	98
82) 4-Chlorotoluene	11.51	91	1058958	48.187	ug/l	100
83) tert-Butylbenzene	11.77	119	1131310	47.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1163505	46.779	ug/l	99
85) sec-Butylbenzene	11.94	105	1375055	47.389	ug/l	100
86) p-Isopropyltoluene	12.06	119	1246134	48.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	675675	48.303	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	677718	47.261	ug/l	100
89) n-Butylbenzene	12.38	91	1069311	49.260	ug/l	99
90) Hexachloroethane	12.60	117	189123	47.549	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	659551	47.134	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83841	47.458	ug/l	99

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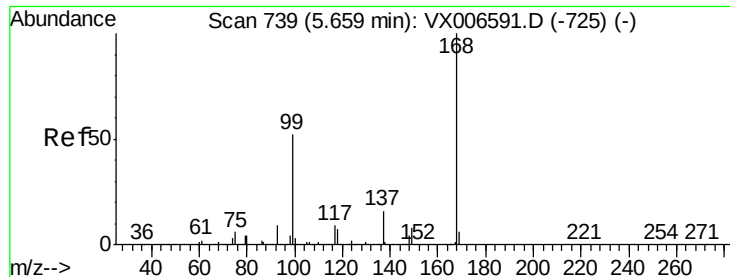
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	464562	48.129	ug/l	100
94) Hexachlorobutadiene	13.78	225	201574	44.306	ug/l	99
95) Naphthalene	13.83	128	1356620	44.036	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	451321	45.286	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 588481

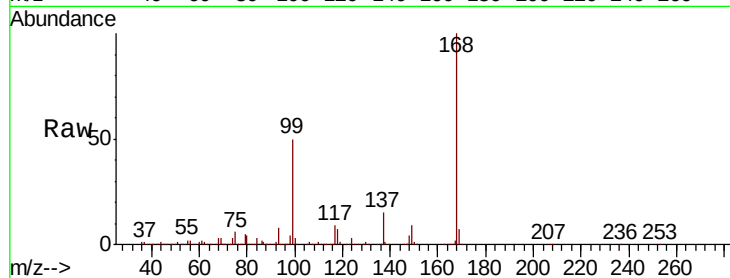
Ion Ratio Lower Upper

168 100

99 50.2 41.8 62.8

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

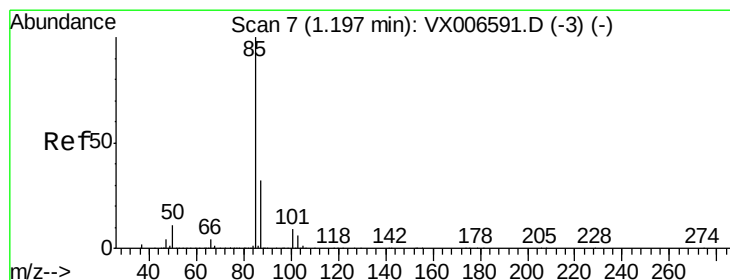
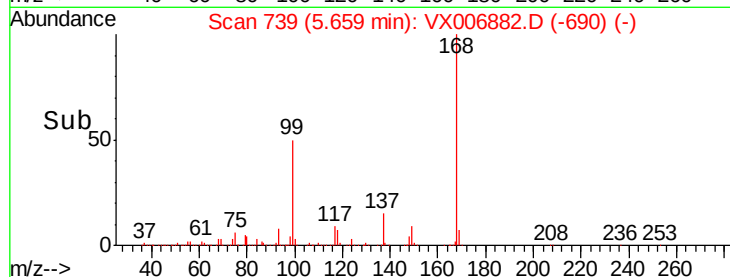
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 39.015 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006882.D

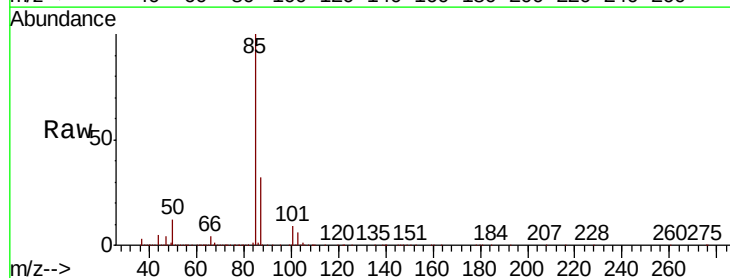
Acq: 02 Jan 2019 17:18

Tgt Ion: 85 Resp: 210038

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

50000

0

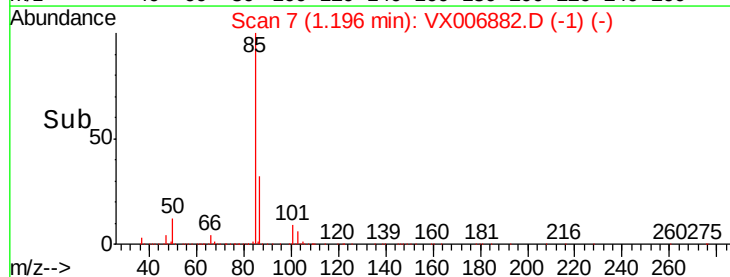
1.15

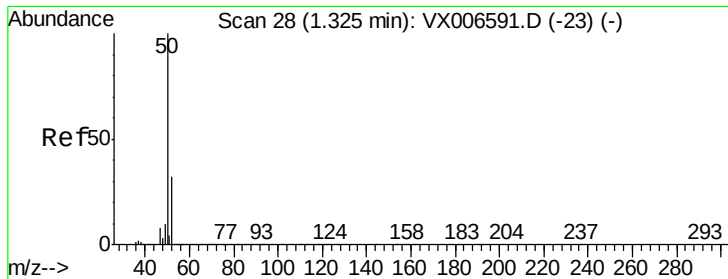
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 40.176 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 233022

Ion Ratio Lower Upper

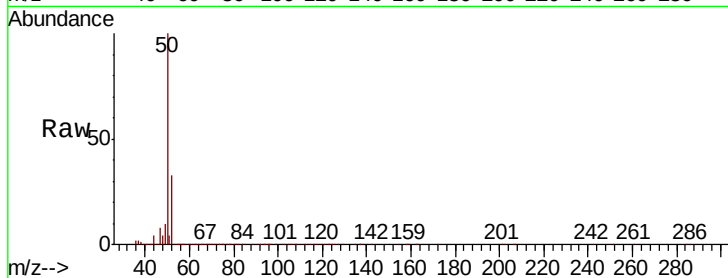
50 100

52 32.7 25.4 38.2

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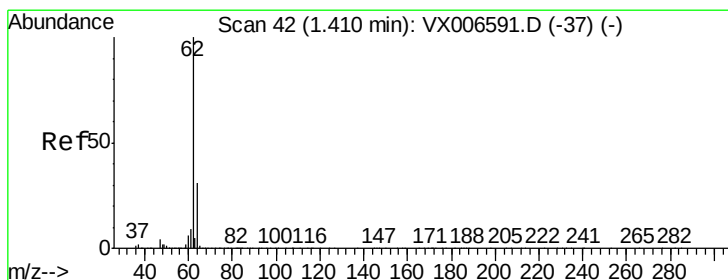
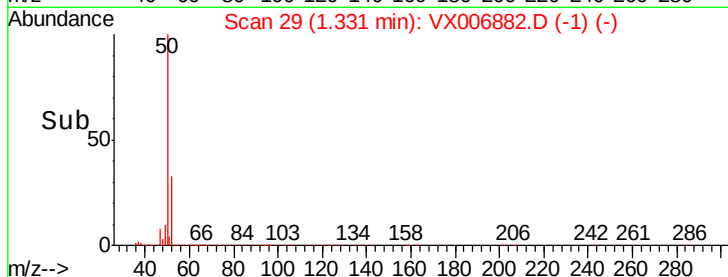
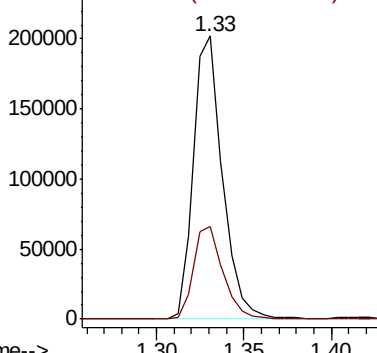
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.719 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006882.D

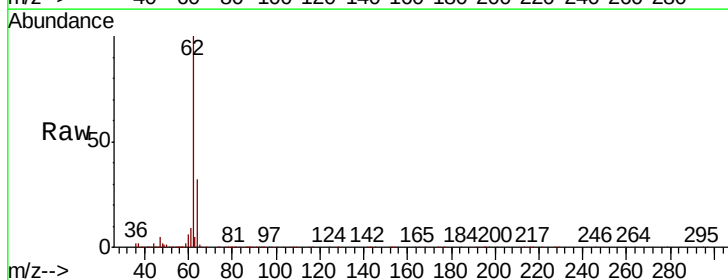
Acq: 02 Jan 2019 17:18

Tgt Ion: 62 Resp: 252717

Ion Ratio Lower Upper

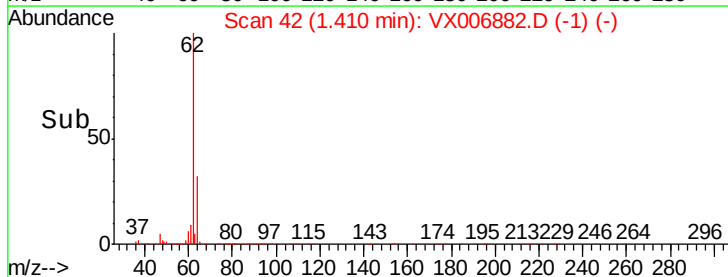
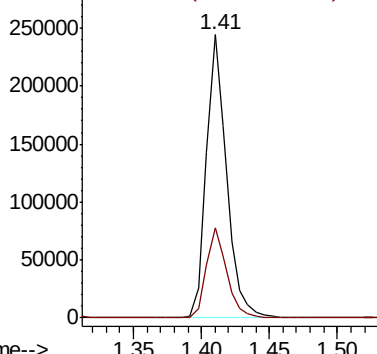
62 100

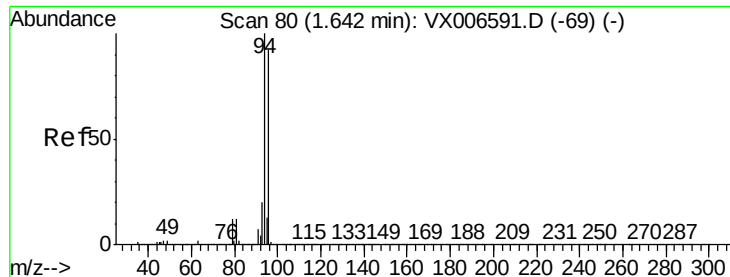
64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.649 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 248120

Ion Ratio Lower Upper

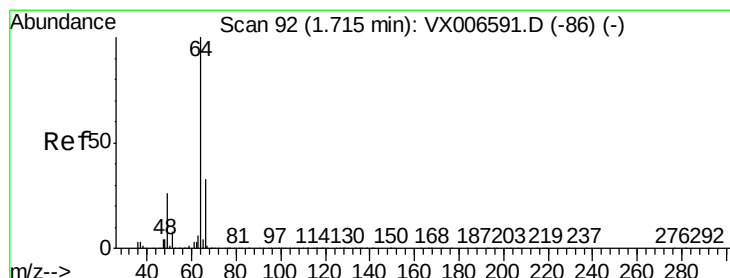
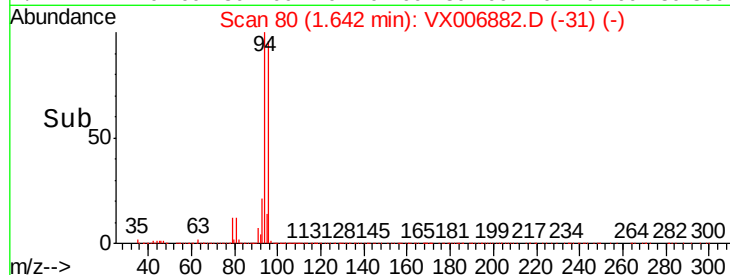
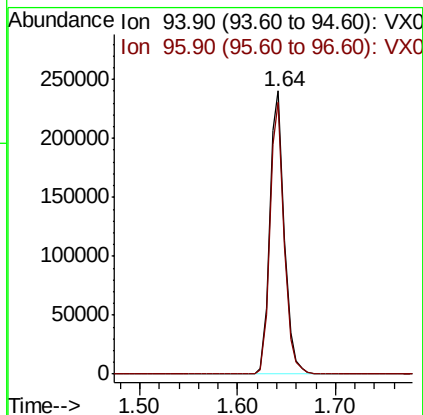
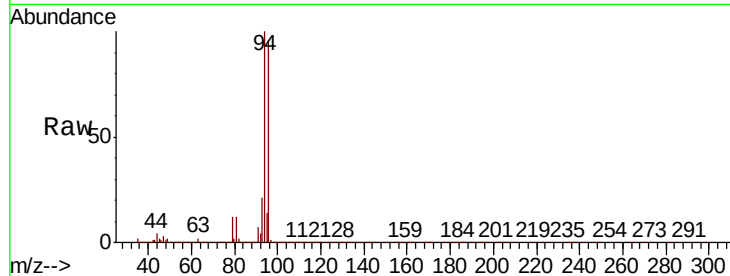
94 100

96 96.2 73.4 110.2

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#6

Chloroethane

Concen: 39.725 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006882.D

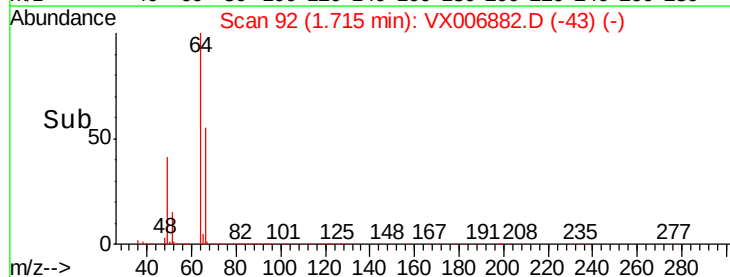
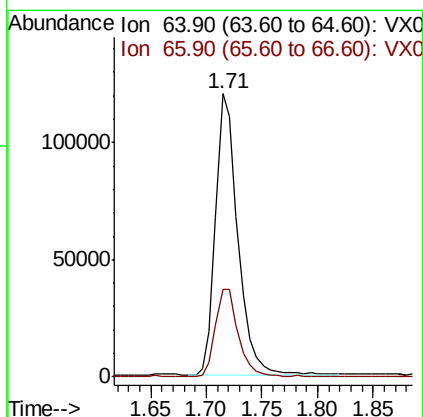
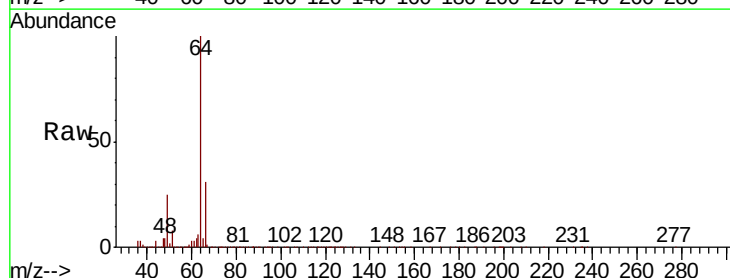
Acq: 02 Jan 2019 17:18

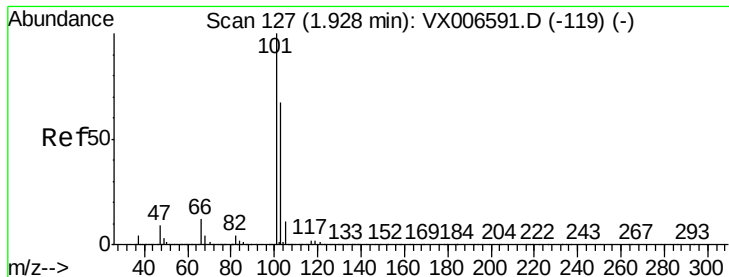
Tgt Ion: 64 Resp: 166622

Ion Ratio Lower Upper

64 100

66 31.0 26.4 39.6





#7

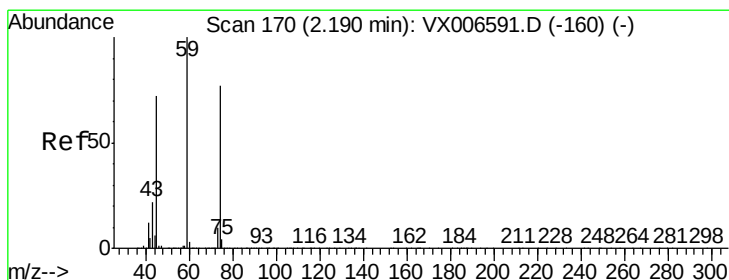
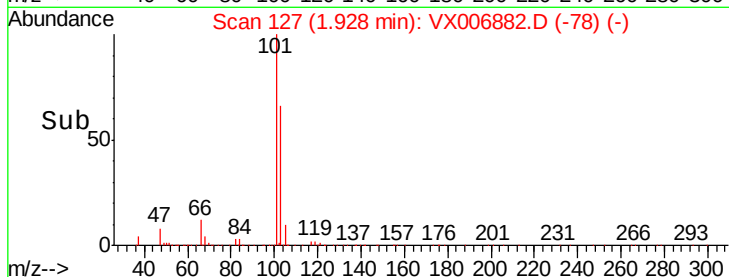
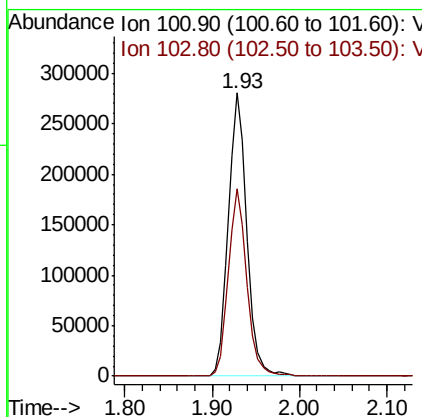
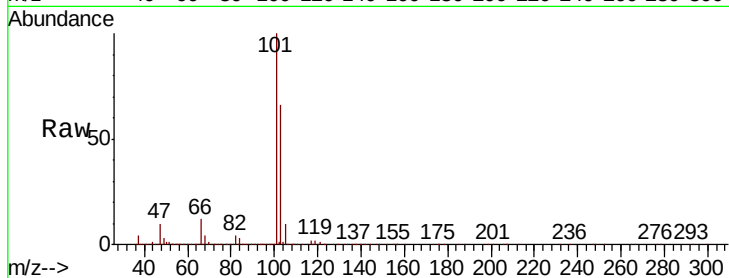
Trichlorofluoromethane
Concen: 43.674 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	53.2	79.8

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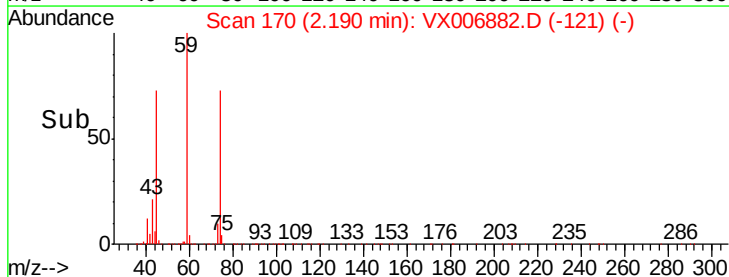
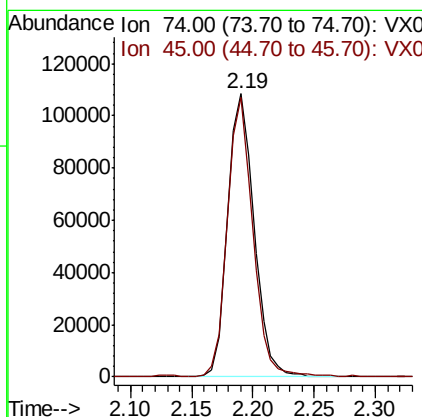
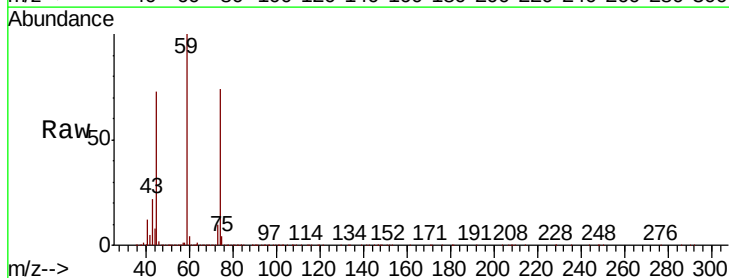
MMDadoda
1/3/2019 9:43:25 AM

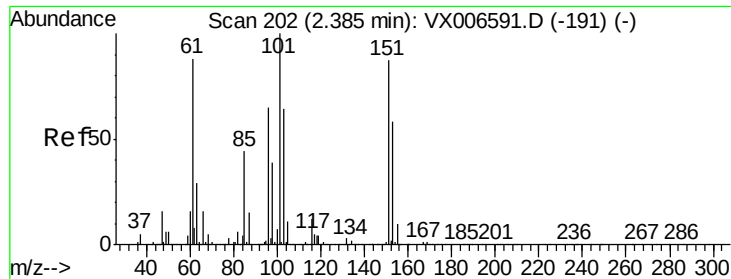


#8

Diethyl Ether
Concen: 43.328 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.769 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

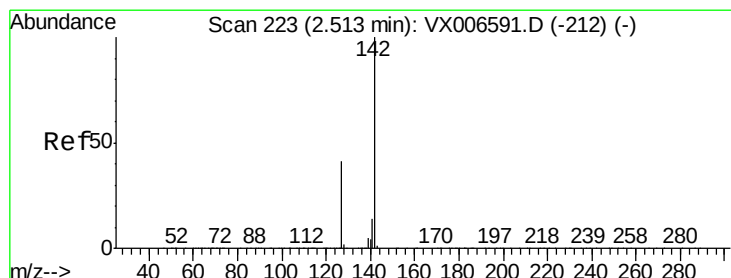
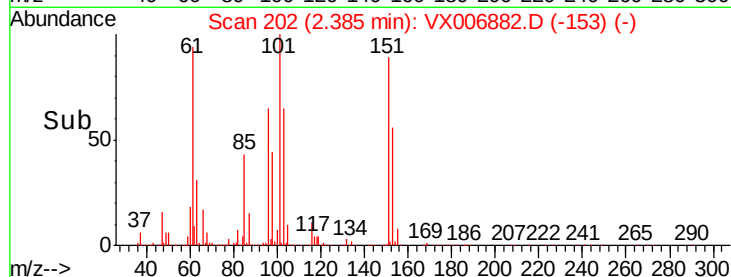
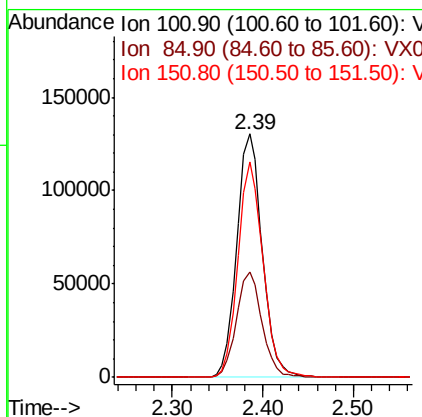
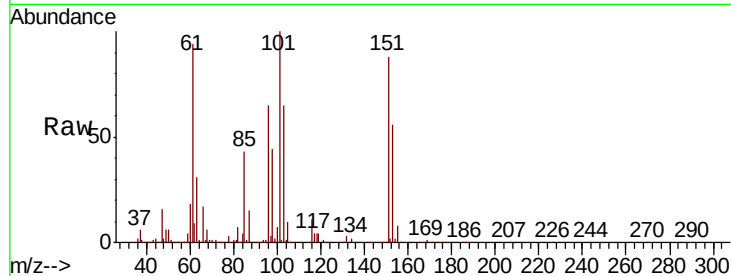
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	253799
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.1	52.7
151	87.0	68.9	103.3

Manual Integrations
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MMDadoda
1/3/2019 9:43:25 AM



#10

Methyl Iodide

Concen: 47.431 ug/l

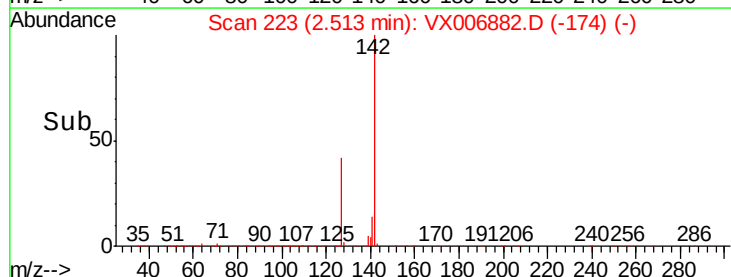
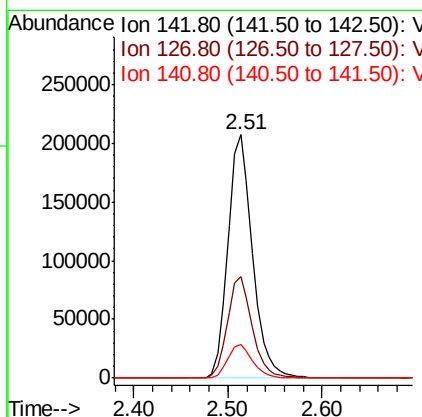
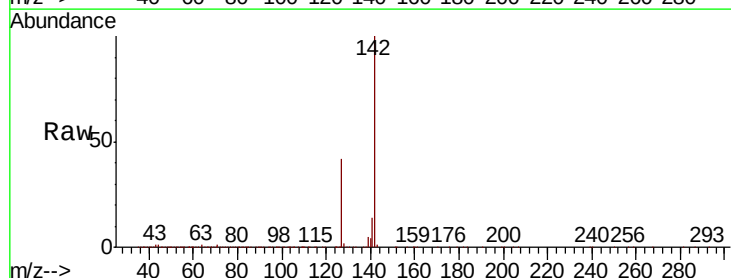
RT: 2.51 min Scan# 223

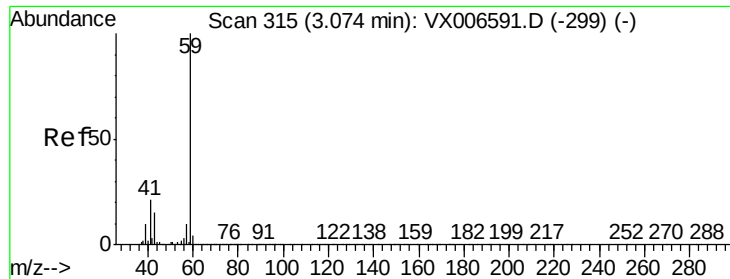
Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion:	142	Resp:	376490
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.9	50.9
141	14.1	11.4	17.0





#11

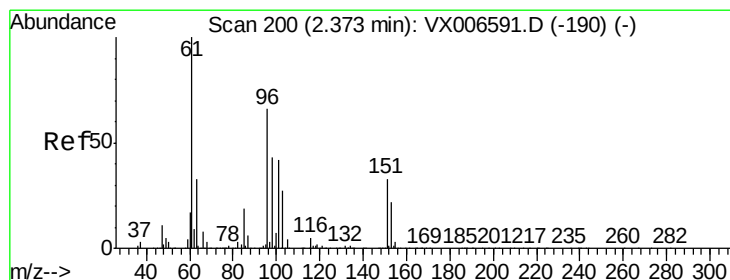
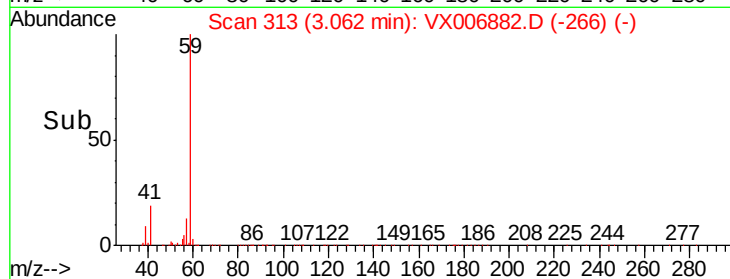
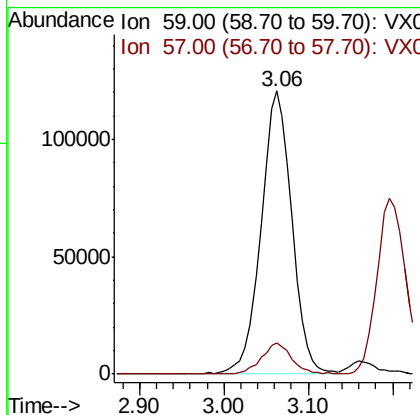
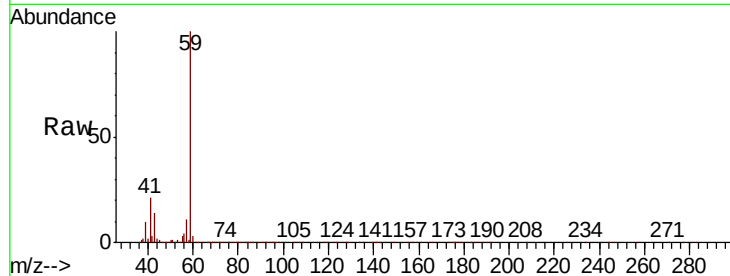
Tert butyl alcohol
Concen: 214.073 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

Manual Integrations
APPROVED

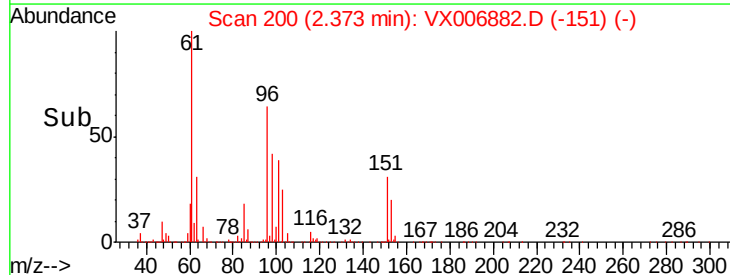
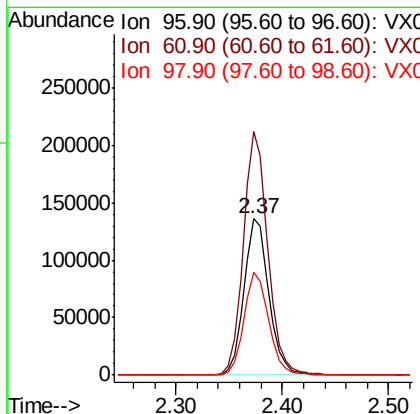
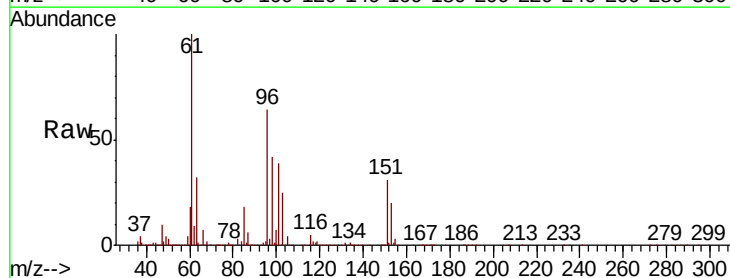
MMDadoda
1/3/2019 9:43:25 AM

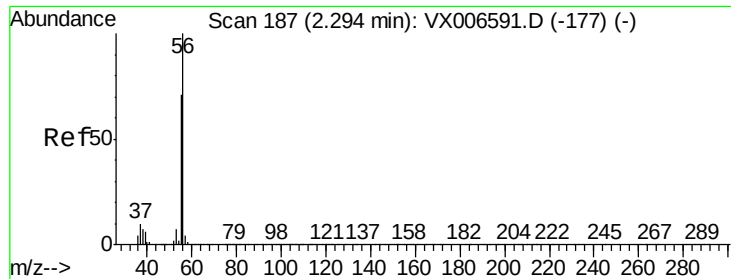


#12

1,1-Dichloroethene
Concen: 42.571 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	121.4	182.2
98	65.4	51.9	77.9





#13

Acrolein

Concen: 196.459 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 187593

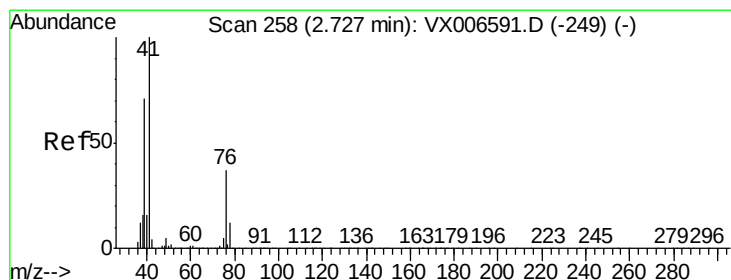
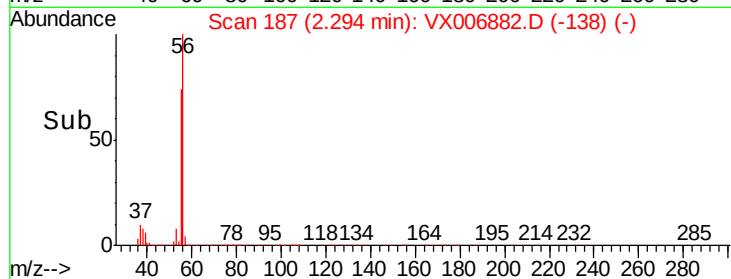
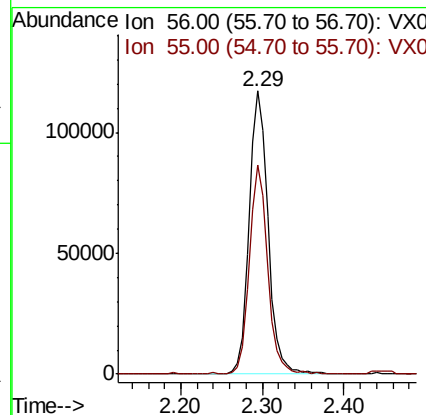
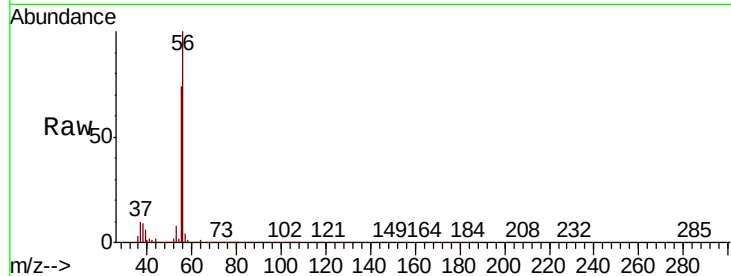
Ion Ratio Lower Upper

56 100

55 70.7 58.2 87.4

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:25 AM



#14

Allyl chloride

Concen: 45.048 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

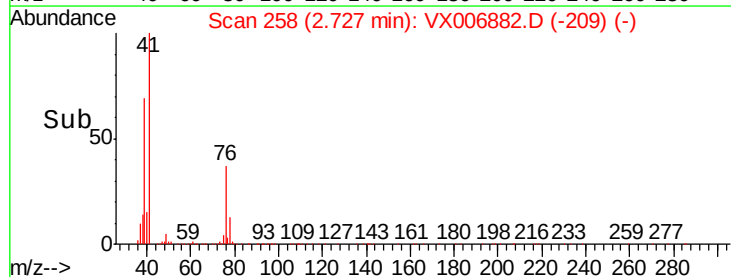
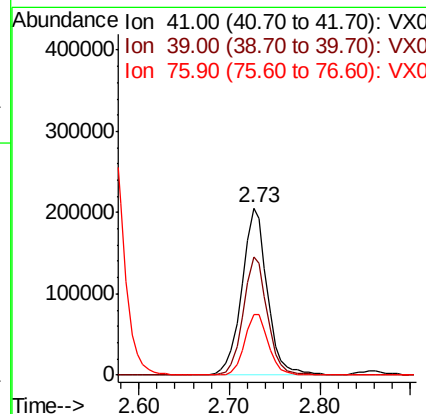
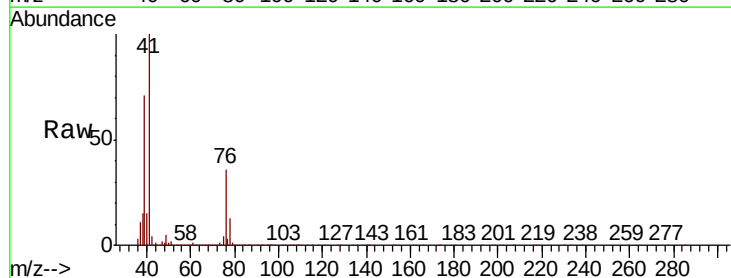
Tgt Ion: 41 Resp: 398687

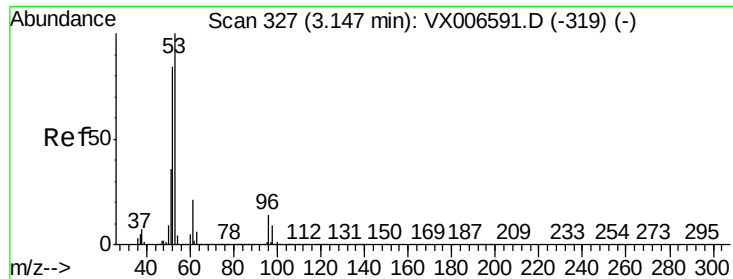
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 33.7 27.4 41.2





#15

Acrylonitrile

Concen: 225.385 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

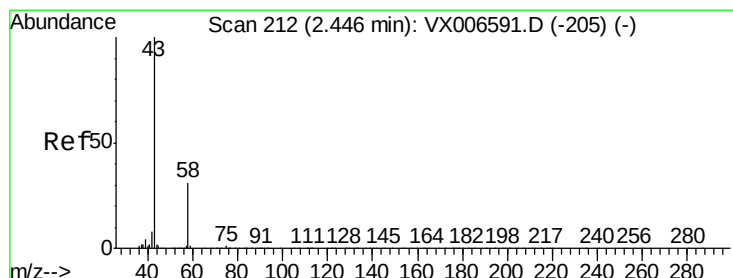
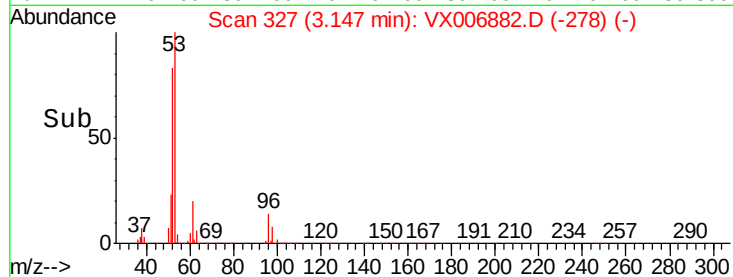
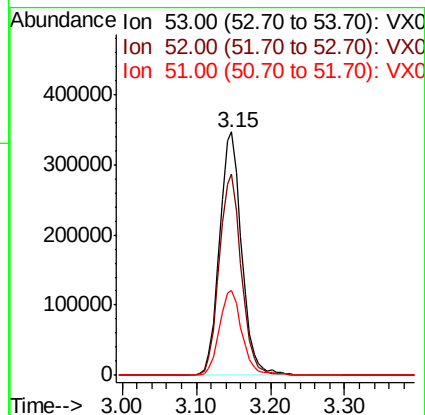
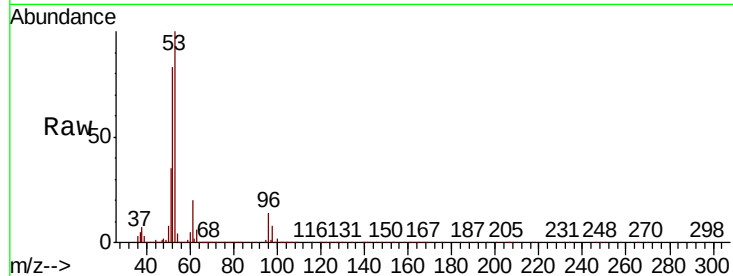
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	708327
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.0	99.0
51	35.9	28.6	42.8

Manual Integrations
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MMDadoda
1/3/2019 9:43:25 AM



#16

Acetone

Concen: 205.513 ug/l

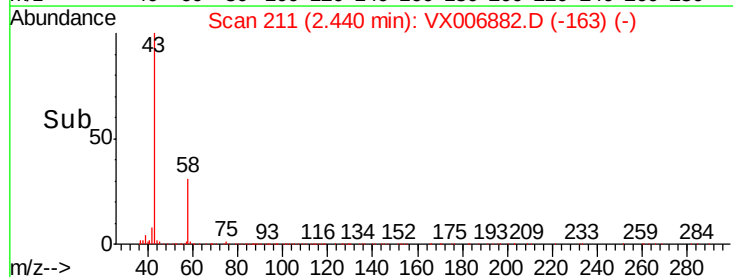
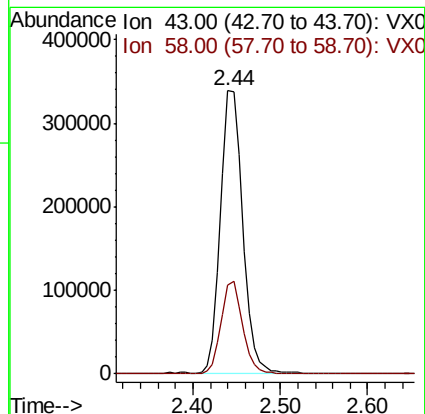
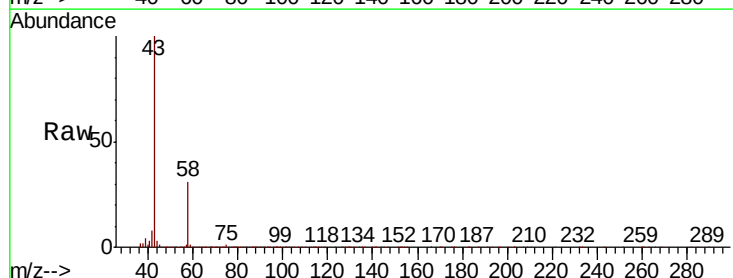
RT: 2.44 min Scan# 211

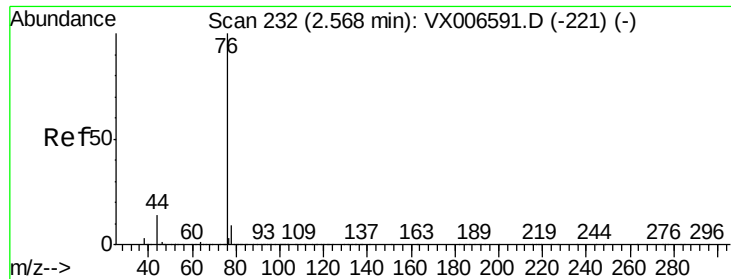
Delta R.T. -0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion	43	Resp	598844
Ion Ratio	Lower	Upper	
43	100		
58	31.4	25.0	37.6





#17

Carbon Disulfide

Concen: 36.237 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 504215

Ion Ratio Lower Upper

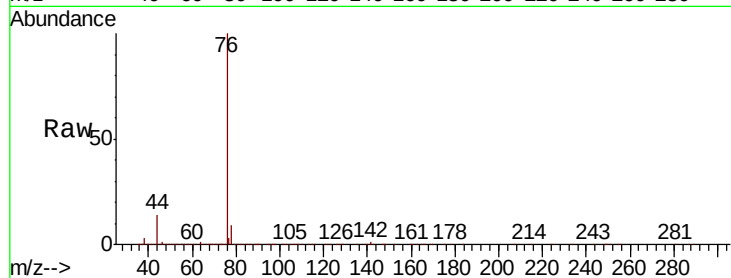
76 100

78 9.0 7.0 10.6

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

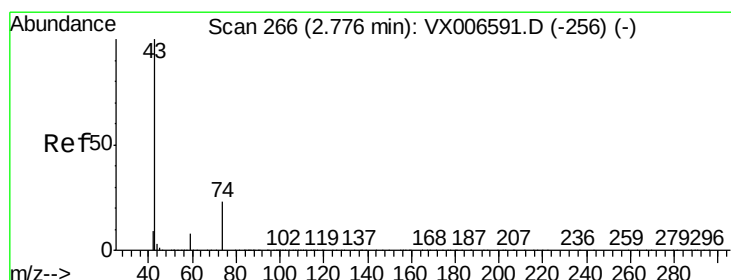
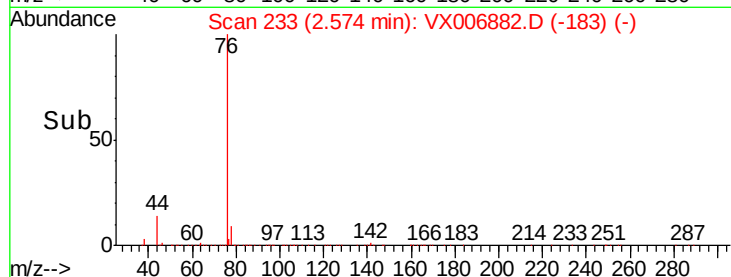
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 48.773 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006882.D

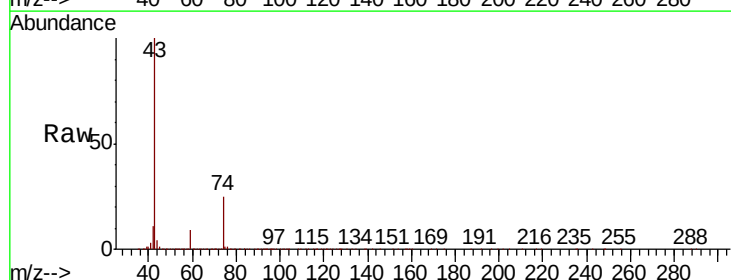
Acq: 02 Jan 2019 17:18

Tgt Ion: 43 Resp: 417898

Ion Ratio Lower Upper

43 100

74 24.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

250000

200000

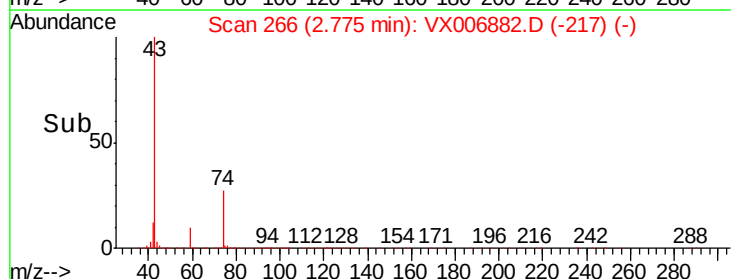
150000

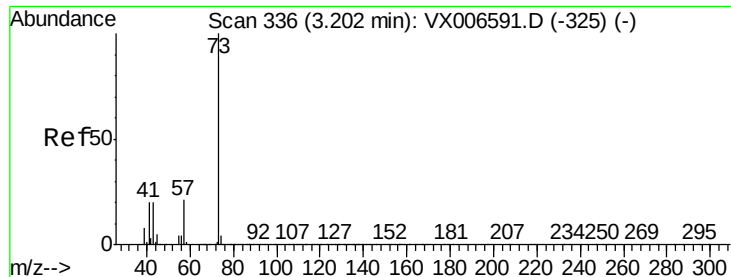
100000

50000

0

Time-->





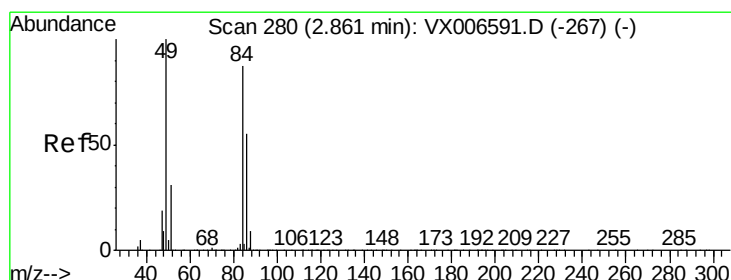
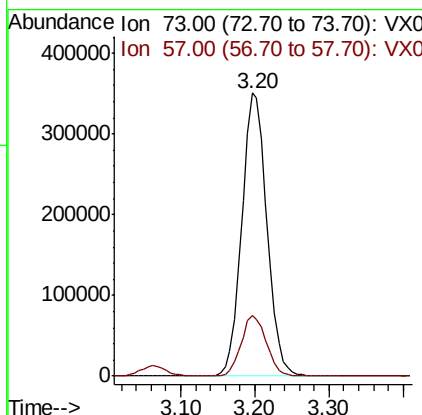
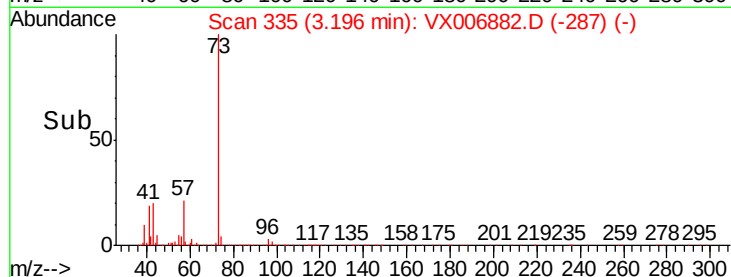
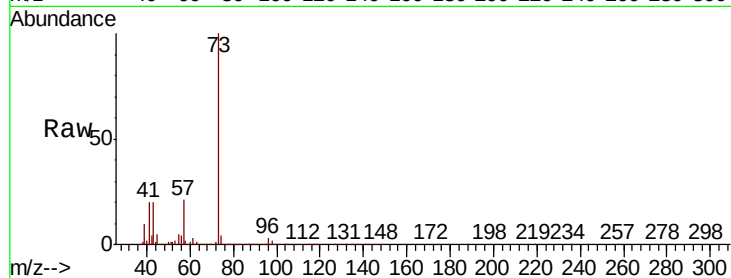
#19
Methyl tert-butyl Ether
Concen: 47.641 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2

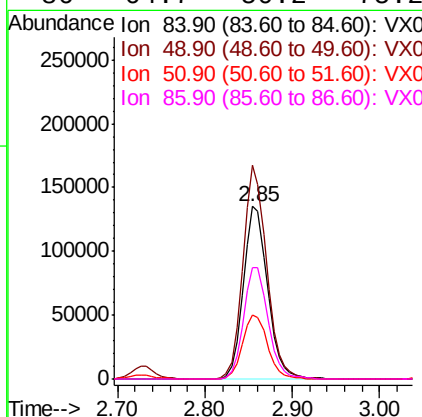
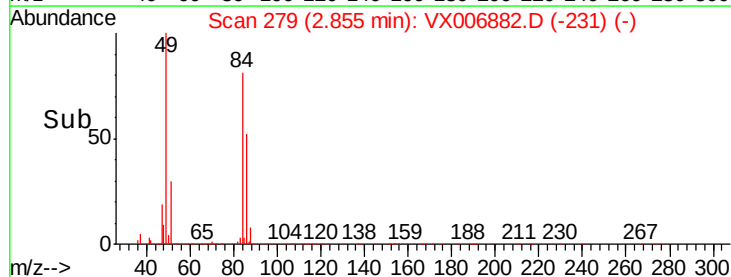
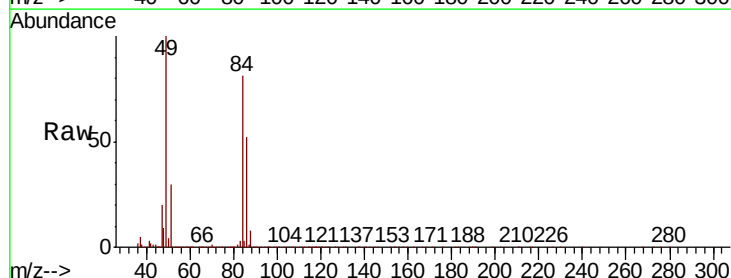
Manual Integrations
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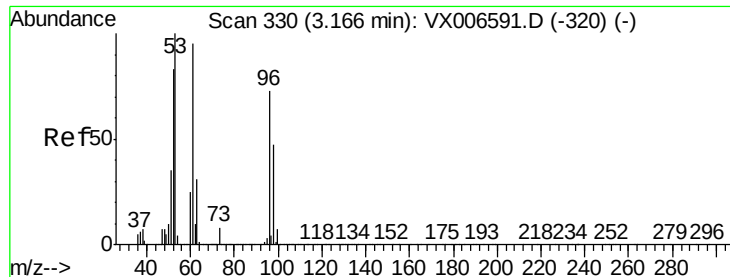
MMDadoda
1/3/2019 9:43:25 AM



#20
Methylene Chloride
Concen: 43.127 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	91.8	137.6
51	36.8	28.5	42.7
86	64.7	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 42.150 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

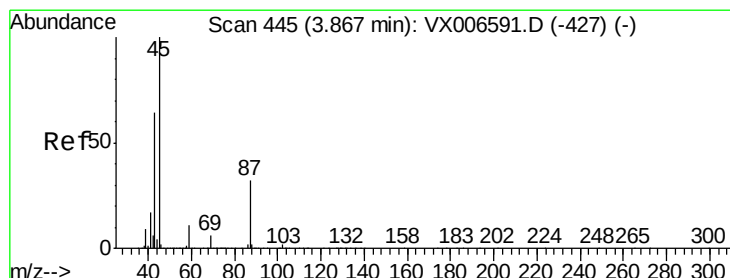
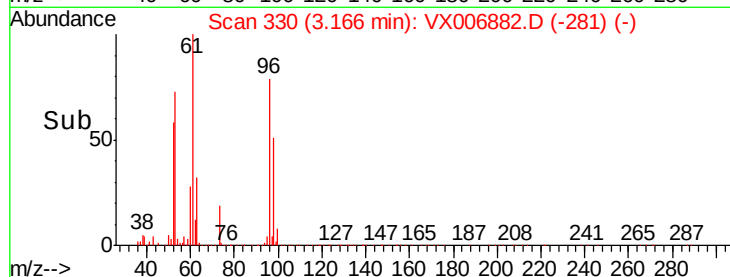
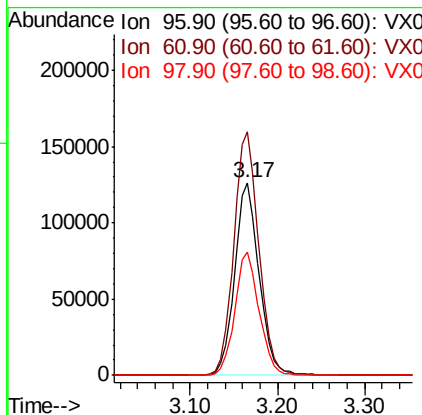
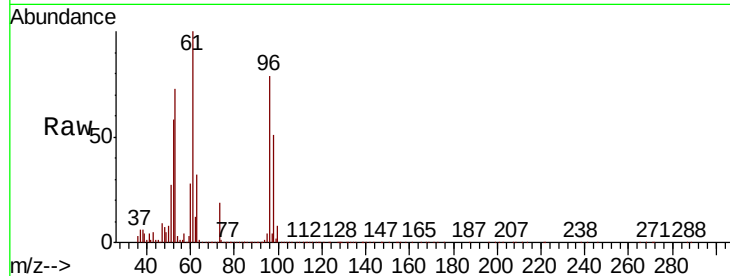
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	245558
Ion	Ratio	Lower	Upper
96	100		
61	126.3	103.7	155.5
98	64.3	51.0	76.6

Manual Integrations
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1/3/2019 9:43:25 AM



#22

Diisopropyl ether

Concen: 51.249 ug/l

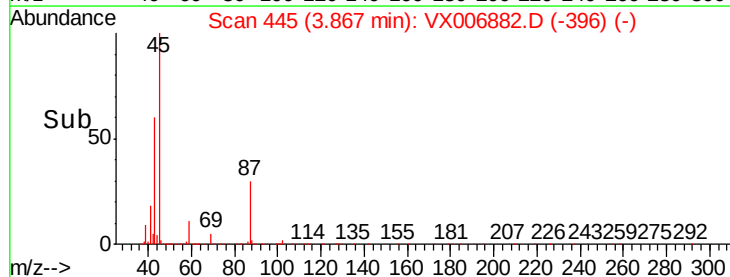
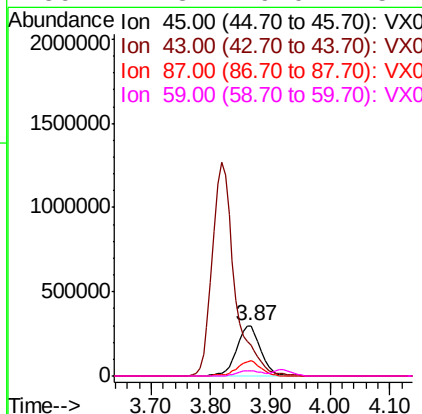
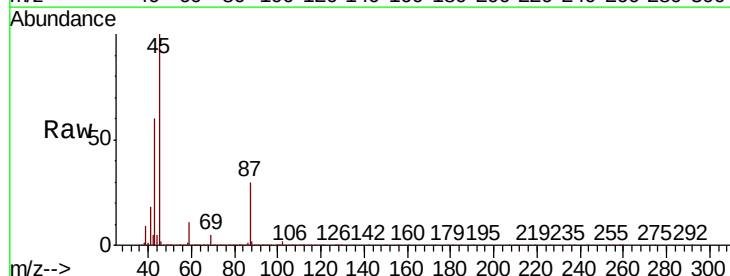
RT: 3.87 min Scan# 445

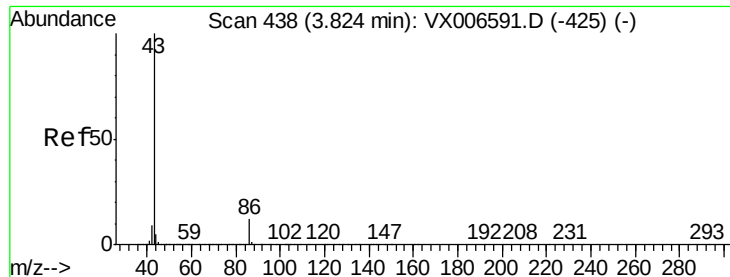
Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion:	45	Resp:	829768
Ion	Ratio	Lower	Upper
45	100		
43	59.7	51.2	76.8
87	30.0	25.8	38.6
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 250.709 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3320345

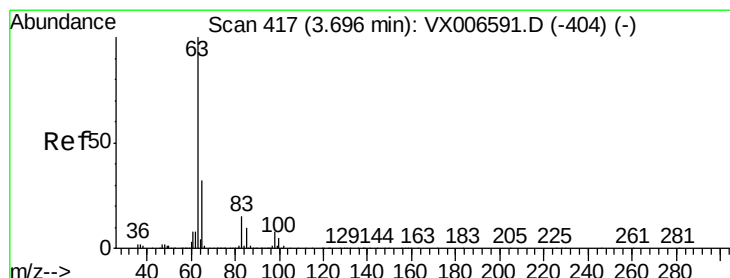
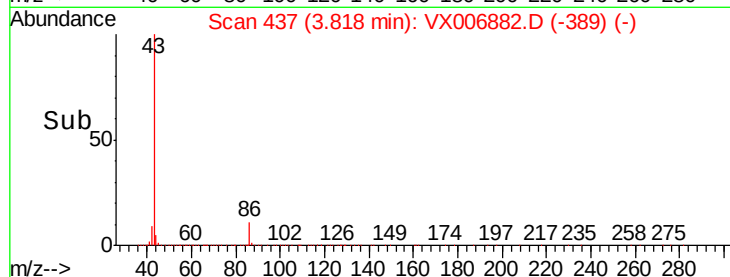
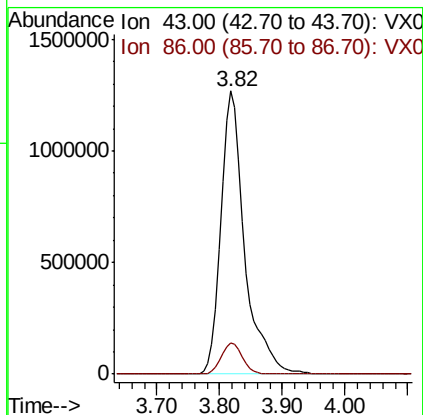
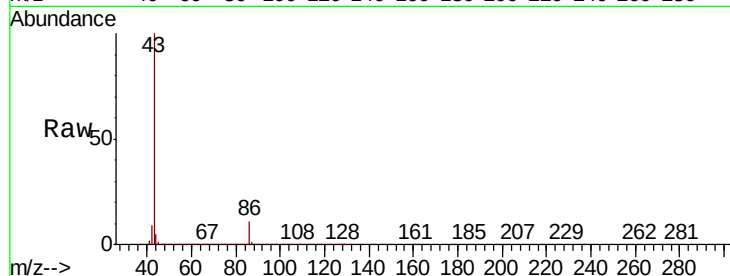
Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8

Manual Integrations
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MMDadoda
1/3/2019 9:43:25 AM



#24

1,1-Dichloroethane

Concen: 46.905 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

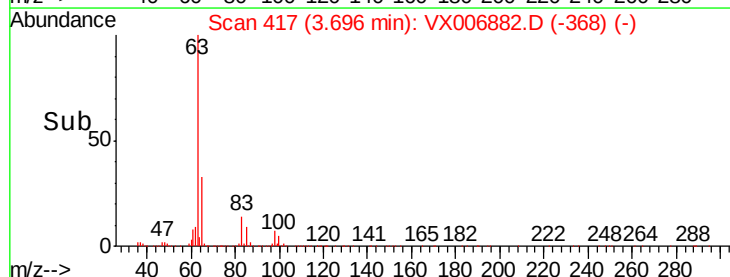
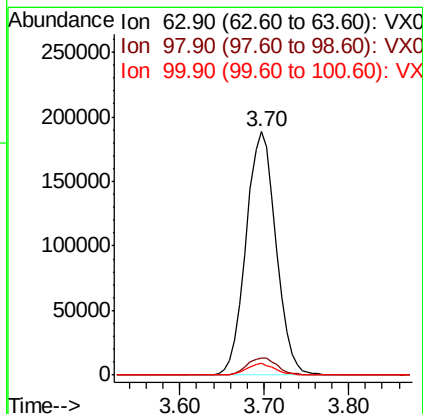
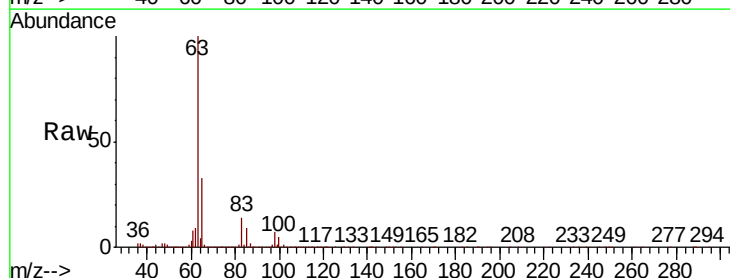
Tgt Ion: 63 Resp: 453348

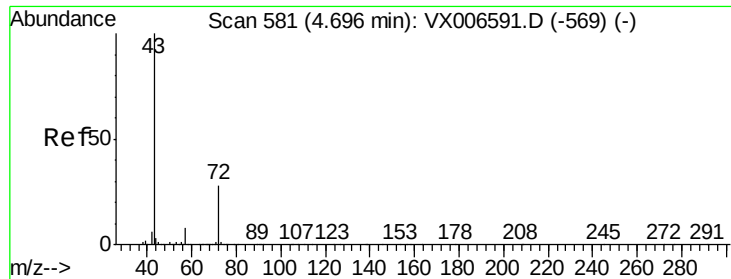
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 219.702 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 900503

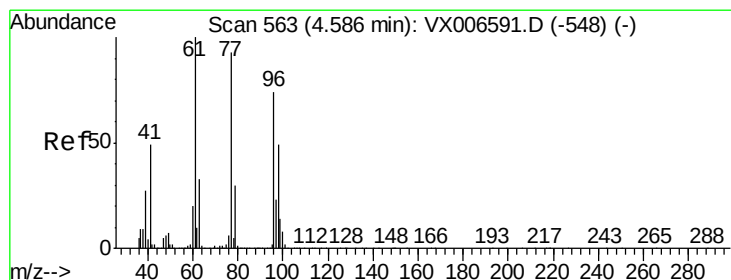
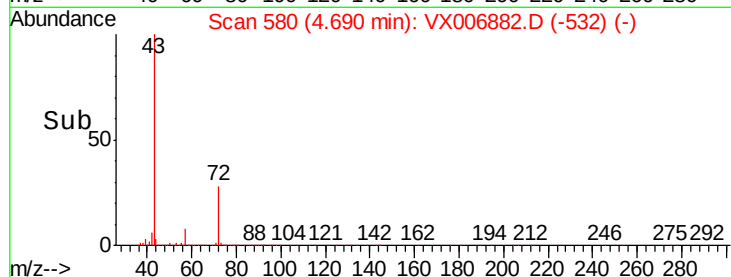
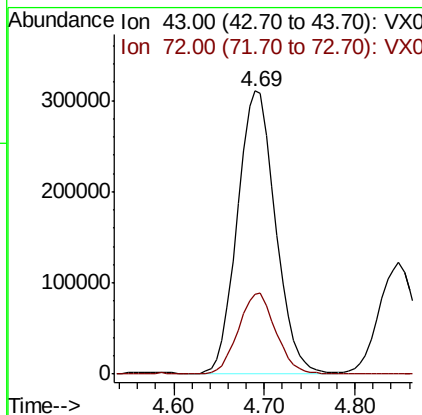
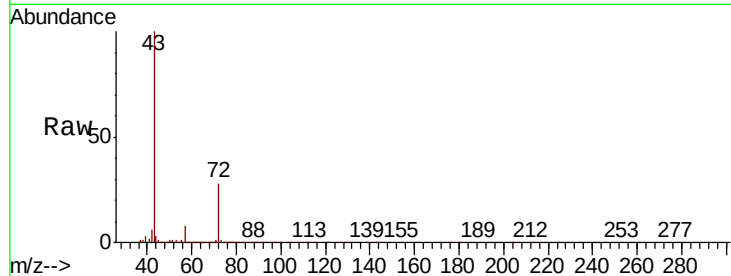
Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6

Manual Integrations
APPROVED

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1/3/2019 9:43:25 AM



#26

2,2-Dichloropropane

Concen: 46.306 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006882.D

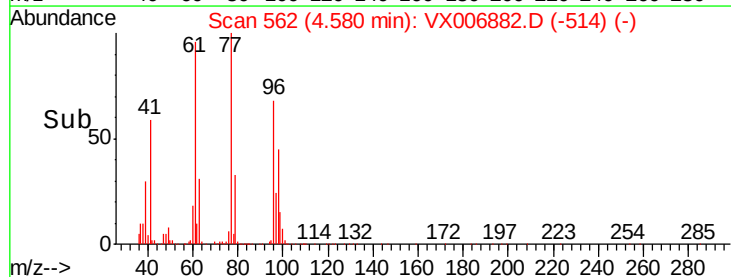
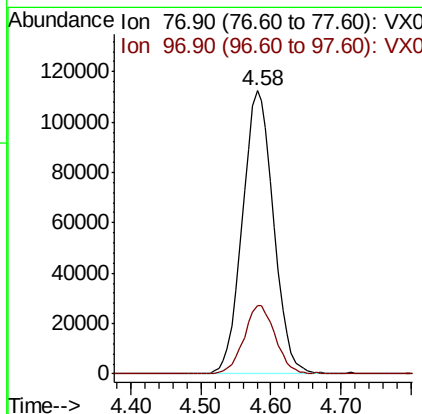
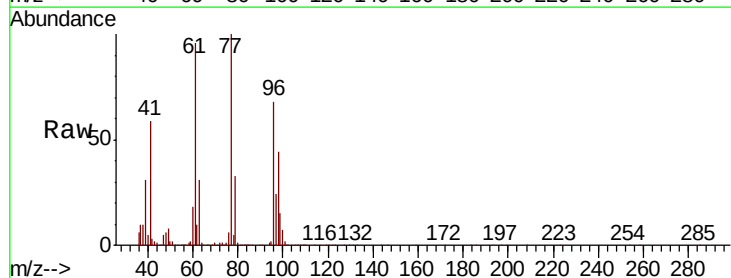
Acq: 02 Jan 2019 17:18

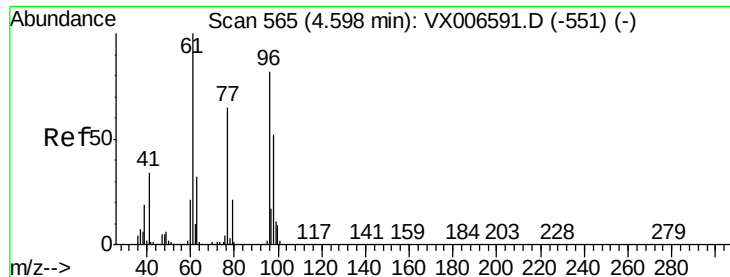
Tgt Ion: 77 Resp: 345722

Ion Ratio Lower Upper

77 100

97 24.2 12.4 37.4





#27

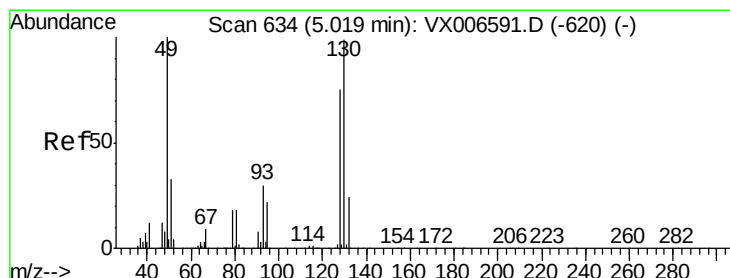
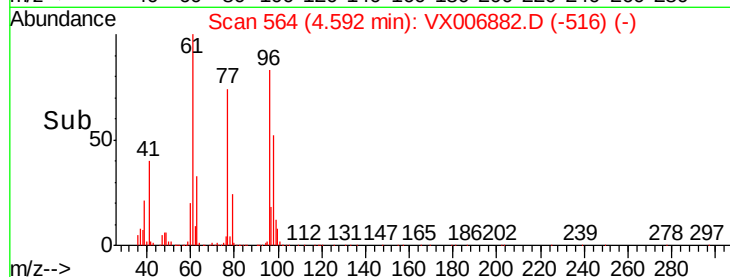
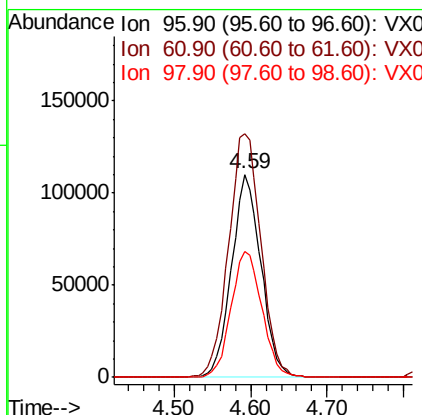
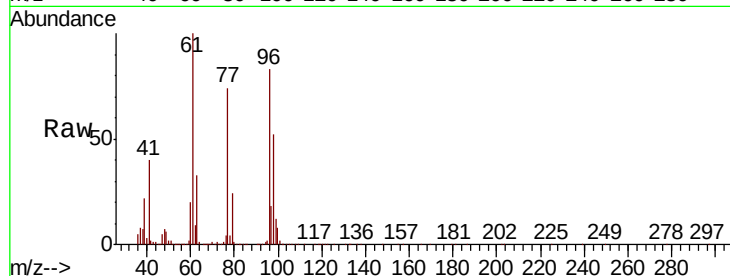
cis-1,2-Dichloroethene
 Concen: 45.666 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	258.6
98	65.0	0.0	132.0

Manual Integrations
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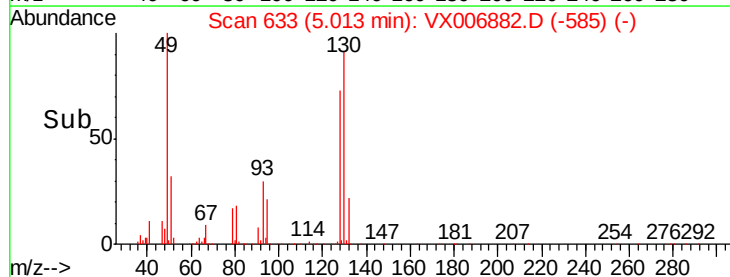
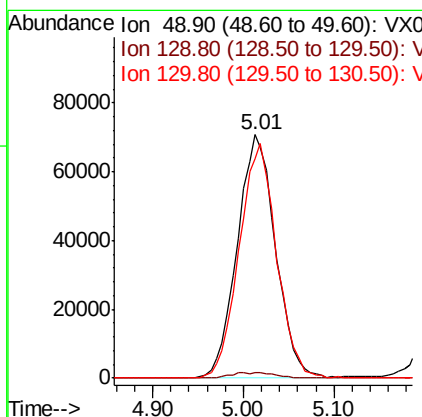
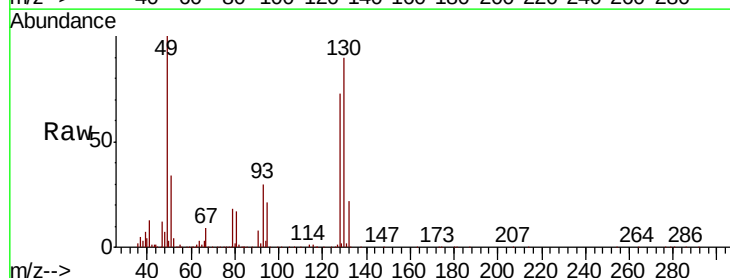
MMDadoda
 1/3/2019 9:43:25 AM

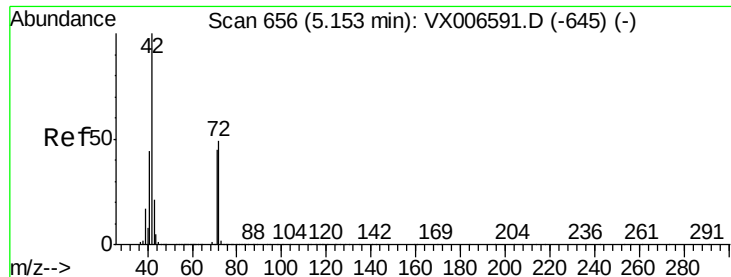


#28

Bromochloromethane
 Concen: 50.796 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	93.9	77.7	116.5





#29

Tetrahydrofuran

Concen: 221.746 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

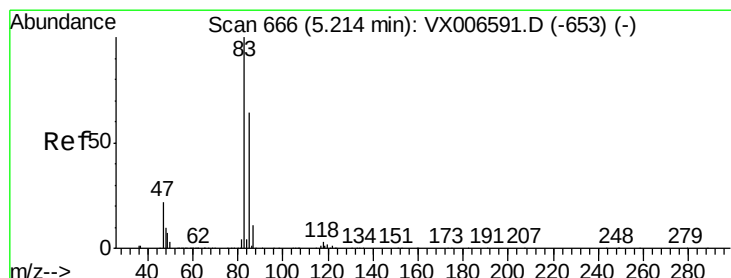
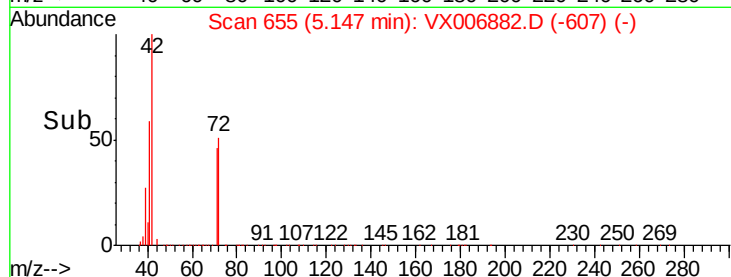
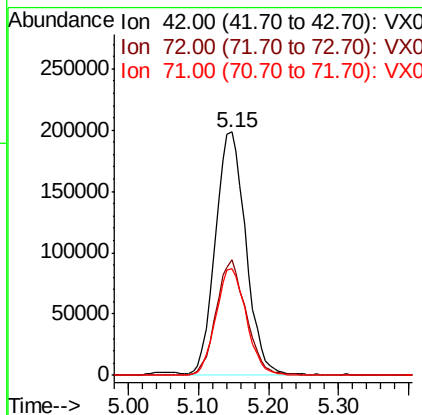
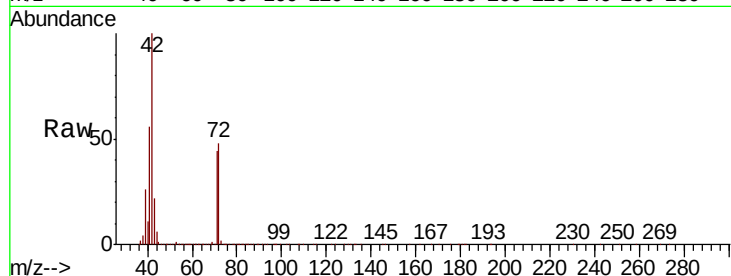
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	598620
Ion Ratio		Lower	Upper
42	100		
72	46.8	38.9	58.3
71	43.8	36.2	54.4

Manual Integrations
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1/3/2019 9:43:25 AM



#30

Chloroform

Concen: 46.801 ug/l

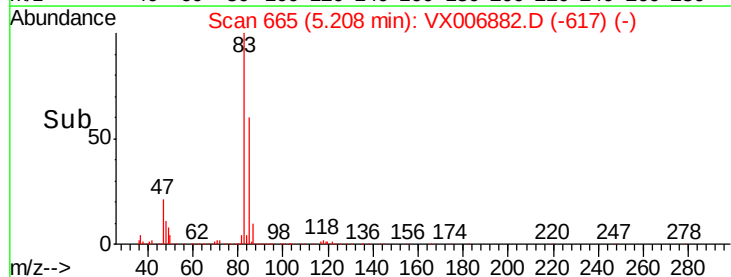
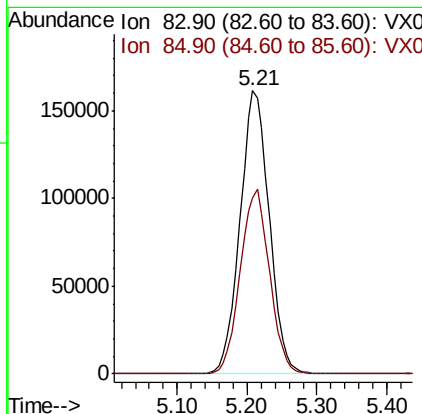
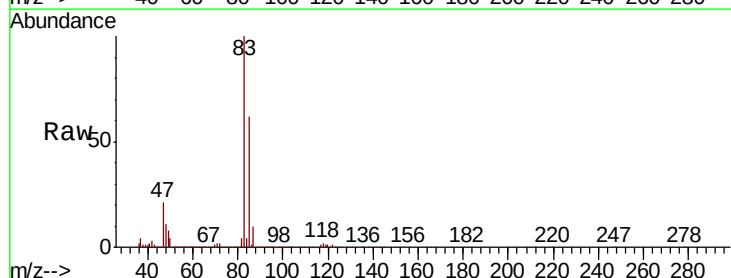
RT: 5.21 min Scan# 665

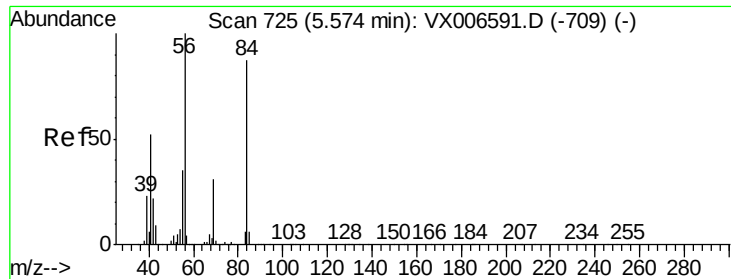
Delta R.T. -0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion:	83	Resp:	468431
Ion Ratio		Lower	Upper
83	100		
85	62.1	51.2	76.8





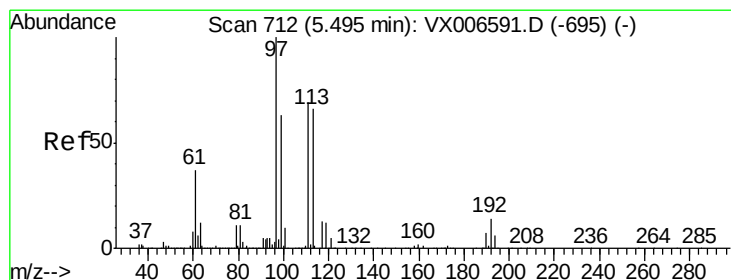
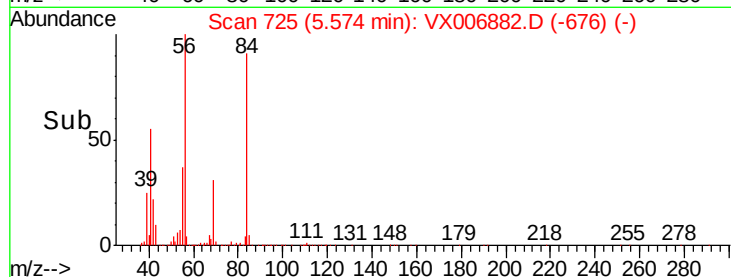
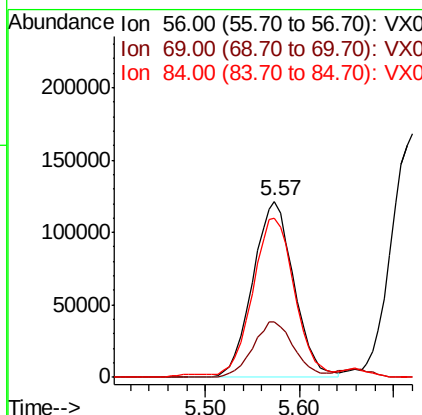
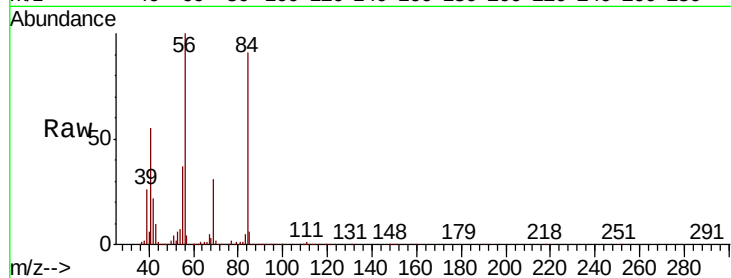
#31
Cyclohexane
Concen: 42.320 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.4	36.6
84	88.7	70.0	105.0

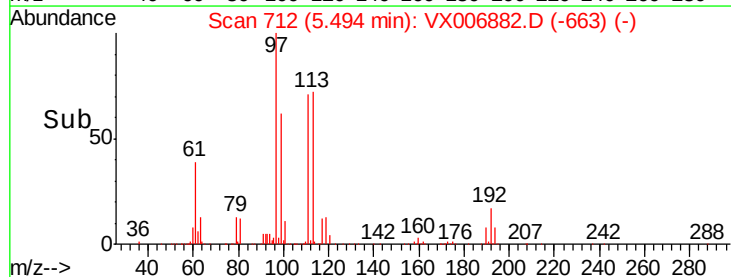
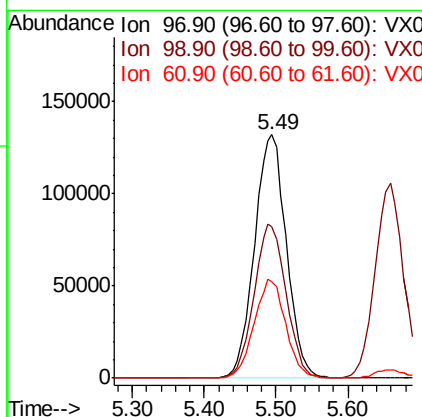
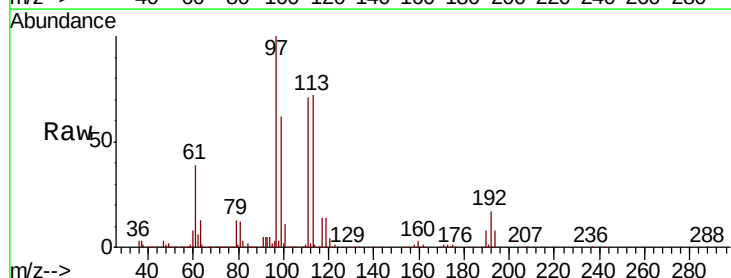
Manual Integrations
APPROVED

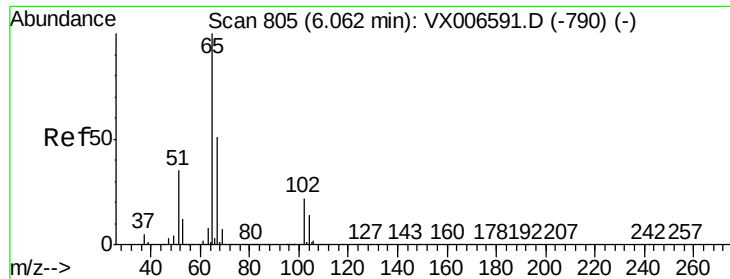
MMDadoda
1/3/2019 9:43:25 AM



#32
1,1,1-Trichloroethane
Concen: 47.897 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	39.9	31.3	46.9





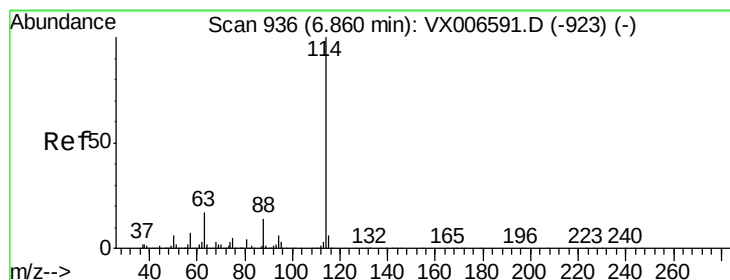
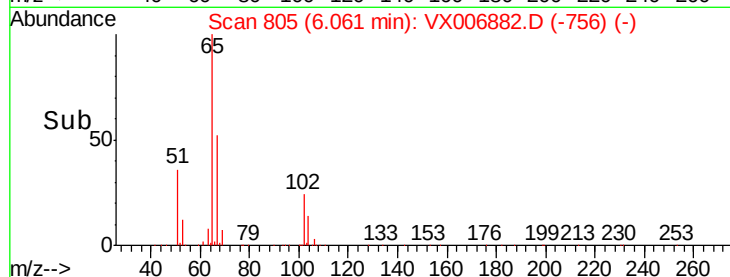
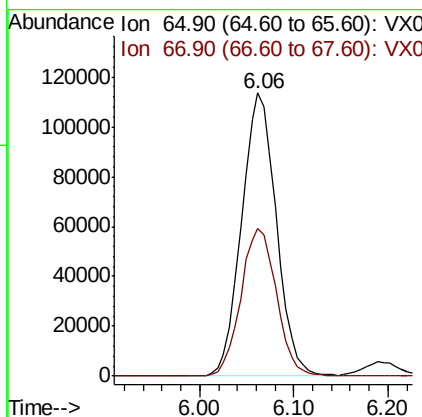
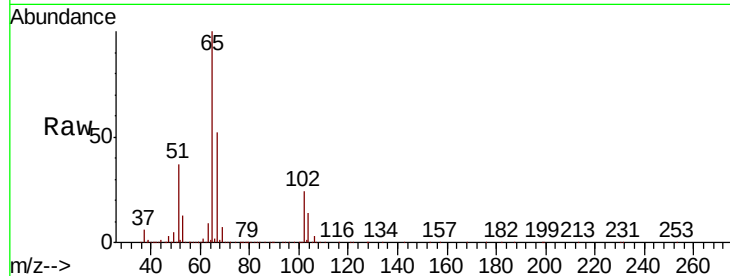
#33
 1,2-Dichloroethane-d4
 Concen: 46.014 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.0

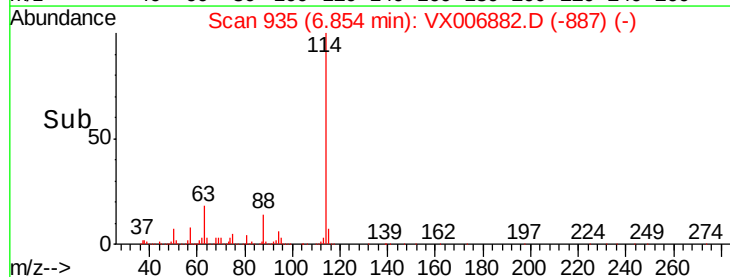
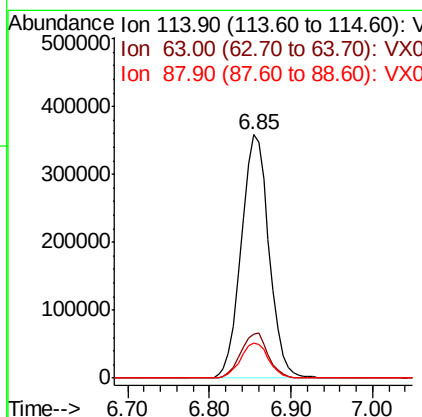
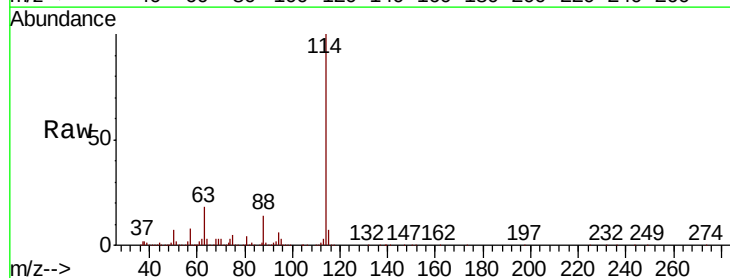
Manual Integrations
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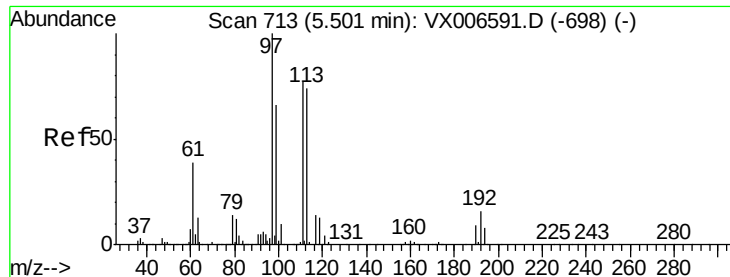
MMDadoda
 1/3/2019 9:43:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	14.4	0.0	28.8





#35

Dibromofluoromethane

Concen: 49.937 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

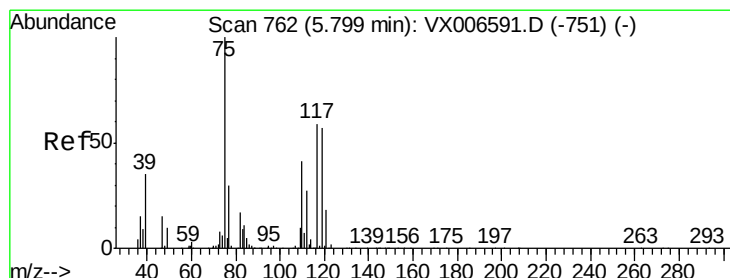
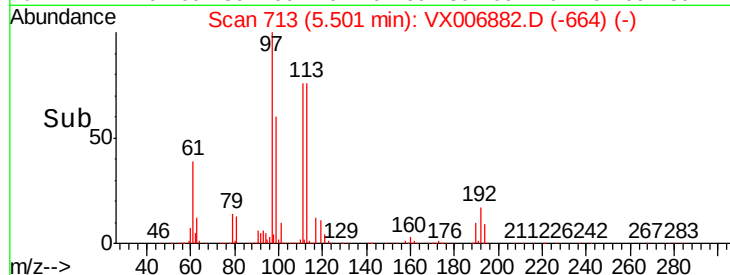
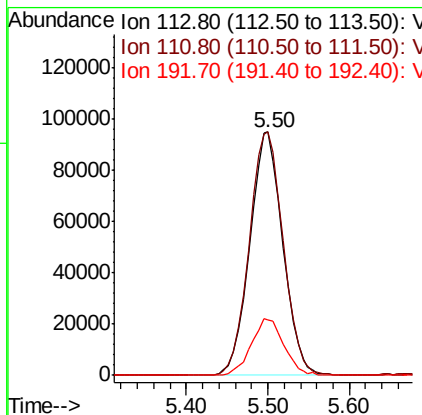
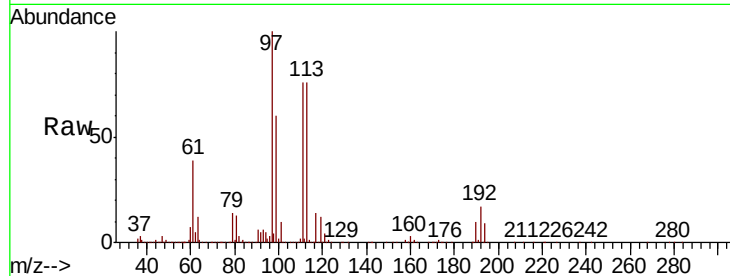
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	267678
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.6	122.4
192	23.2	16.7	25.1

Manual Integrations
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1/3/2019 9:43:25 AM



#36

1,1-Dichloropropene

Concen: 47.262 ug/l

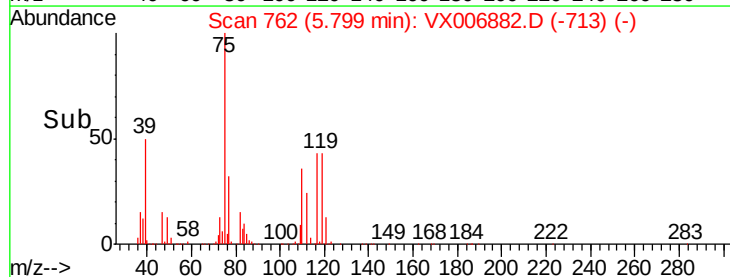
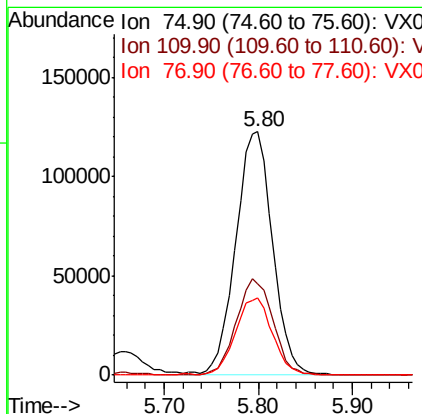
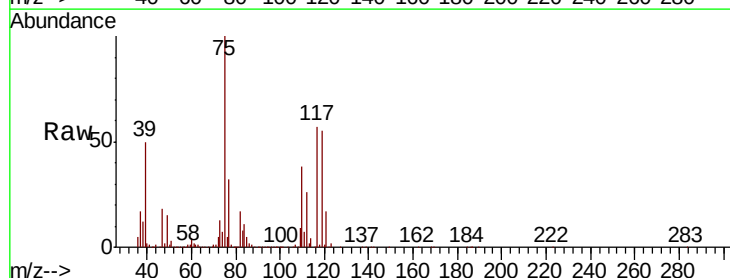
RT: 5.80 min Scan# 762

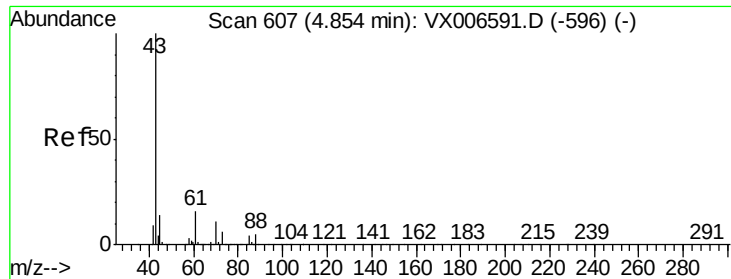
Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion:	75	Resp:	331792
Ion Ratio	Lower	Upper	
75	100		
110	39.7	20.2	60.5
77	31.7	24.8	37.2





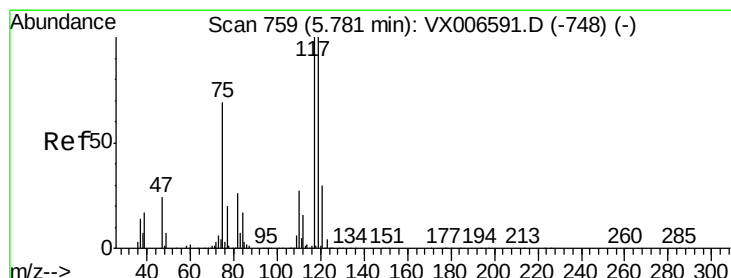
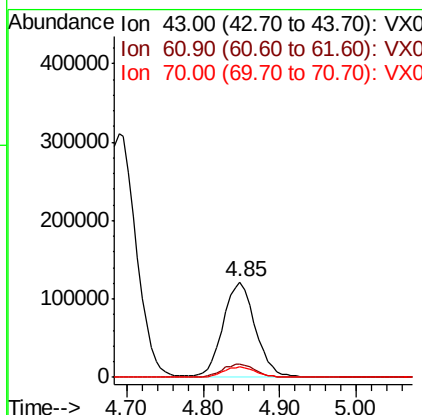
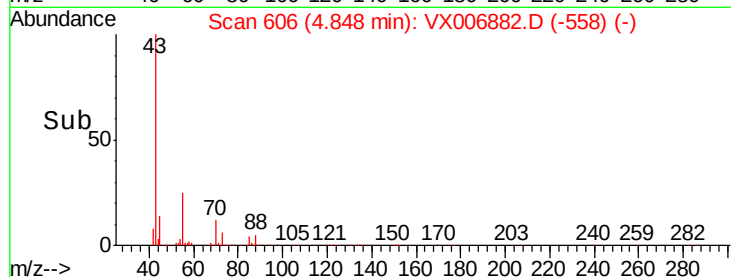
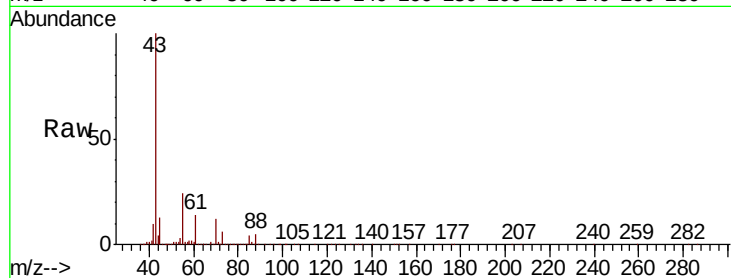
#37
Ethyl Acetate
Concen: 48.496 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	354357
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.9	17.9
70	11.0	9.7	14.5

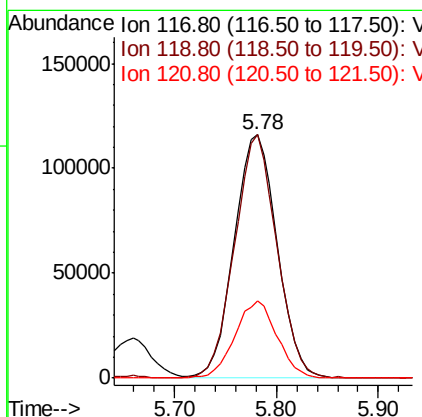
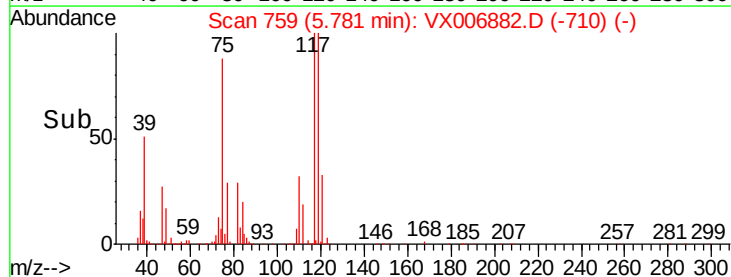
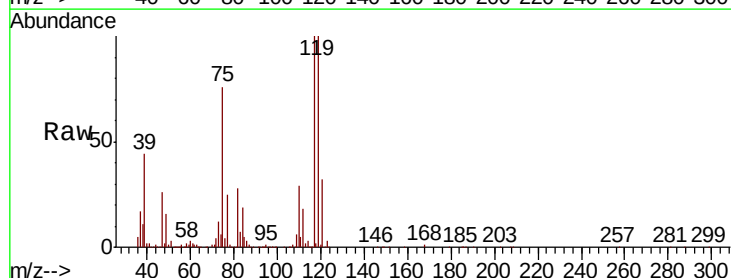
Manual Integrations
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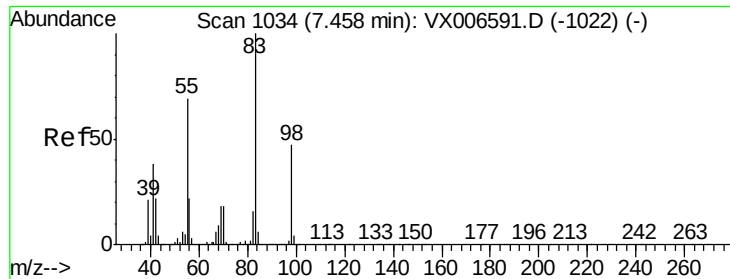
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#38
Carbon Tetrachloride
Concen: 49.609 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion:	117	Resp:	338469
Ion	Ratio	Lower	Upper
117	100		
119	99.6	79.4	119.2
121	31.9	24.0	36.0





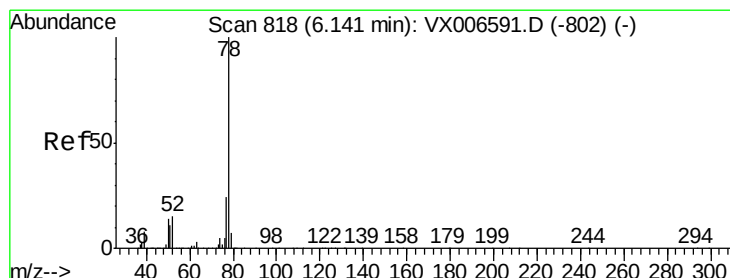
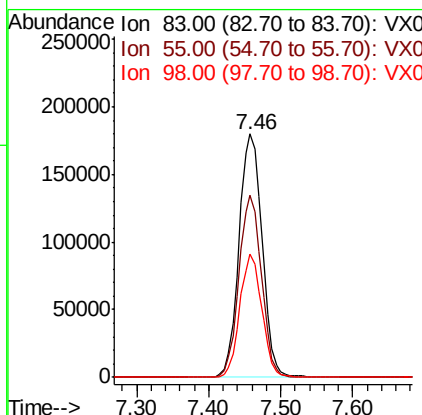
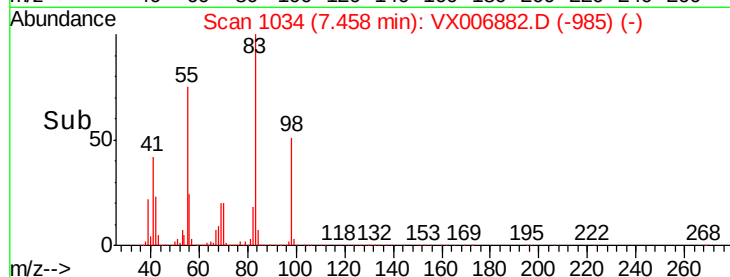
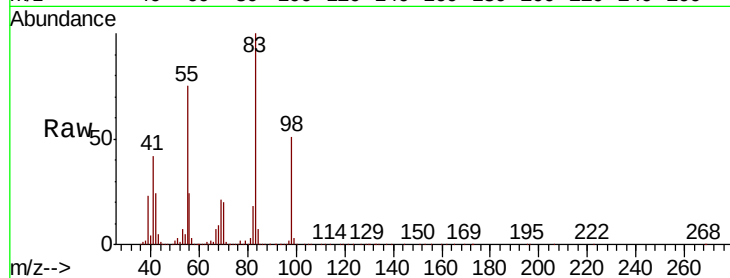
#39
Methylvlcyclohexane
Concen: 43.218 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	54.9	82.3
98	50.6	37.9	56.9

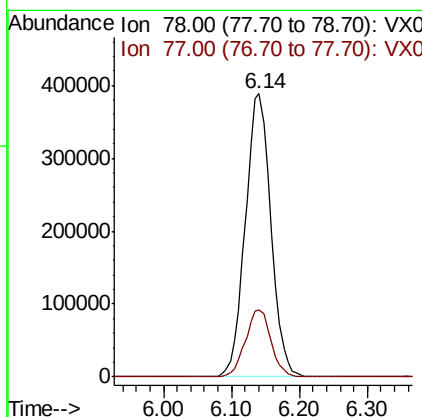
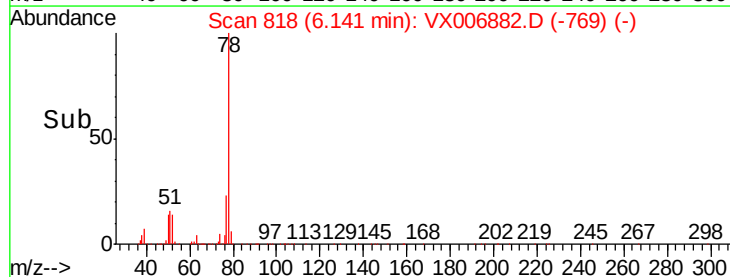
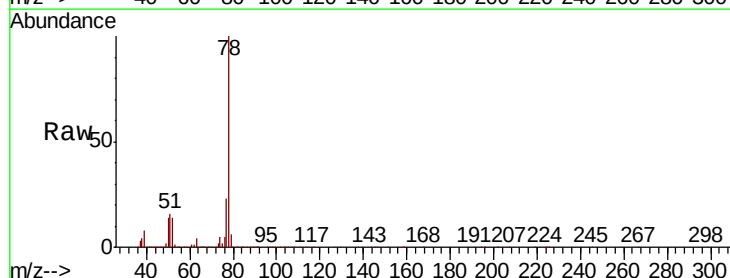
Manual Integrations
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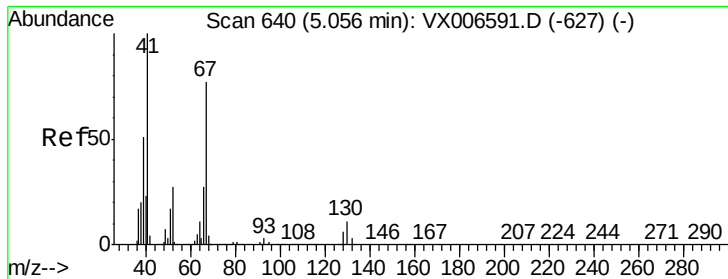
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#40
Benzene
Concen: 47.590 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





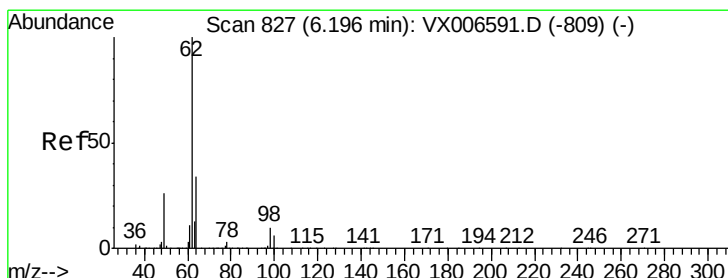
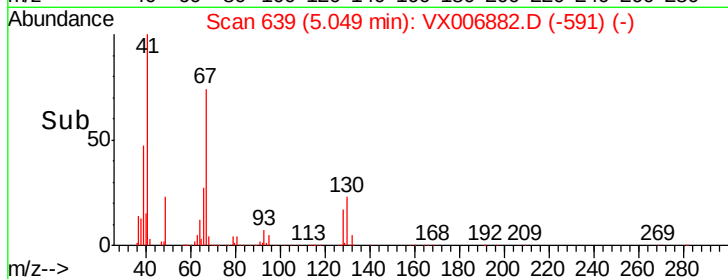
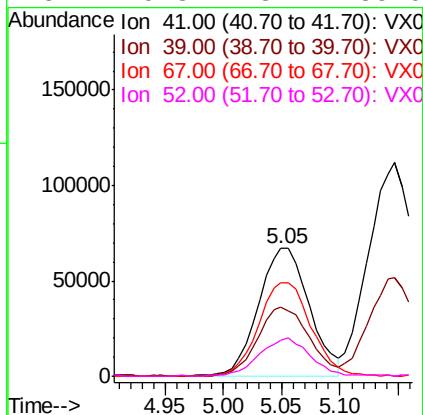
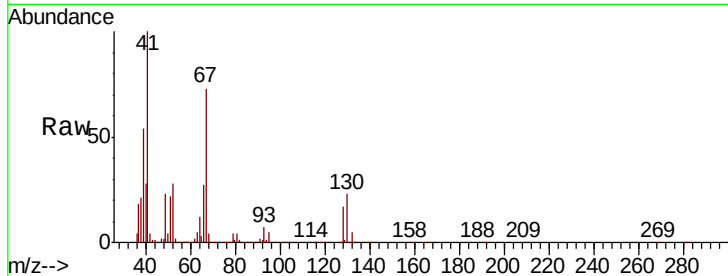
#41
Methacrylonitrile
Concen: 52.232 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	42.8	64.2	
67	75.5	62.1	93.1	
52	29.3	23.4	35.0	

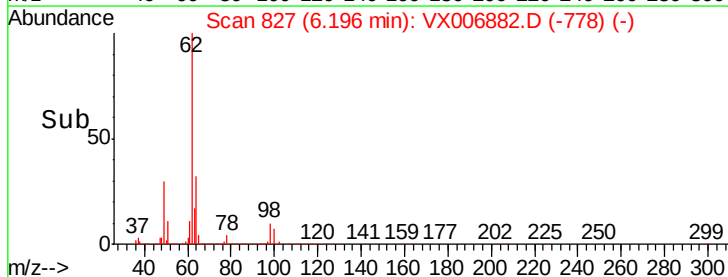
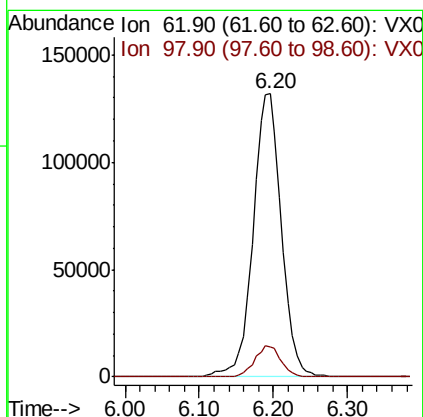
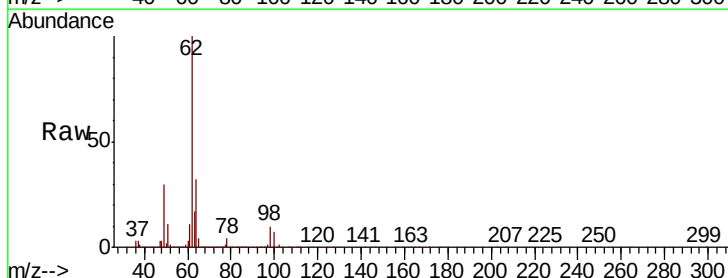
Manual Integrations
APPROVED

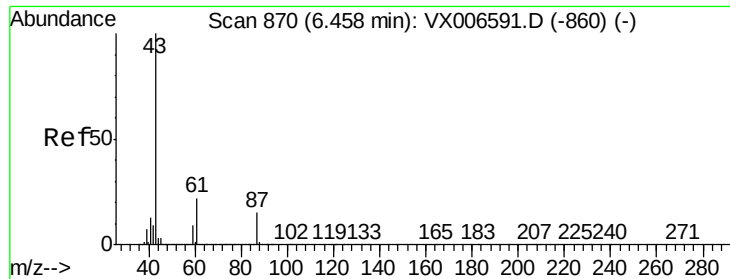
MMDadoda
1/3/2019 9:43:25 AM



#42
1,2-Dichloroethane
Concen: 47.941 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





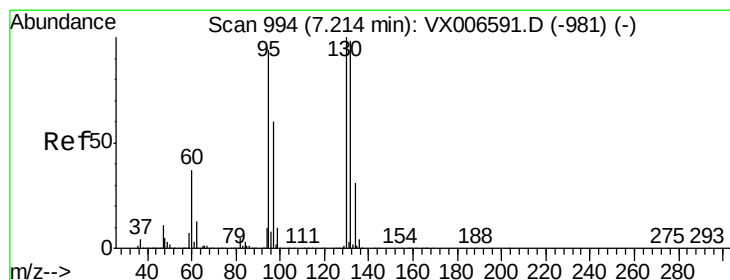
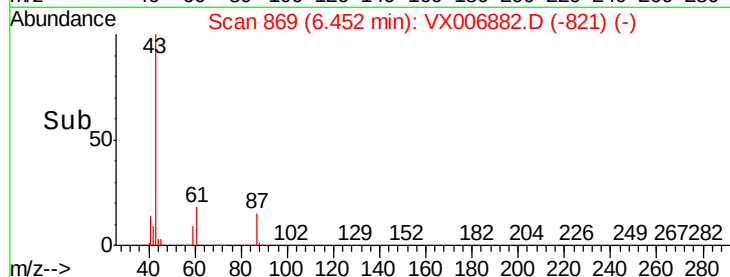
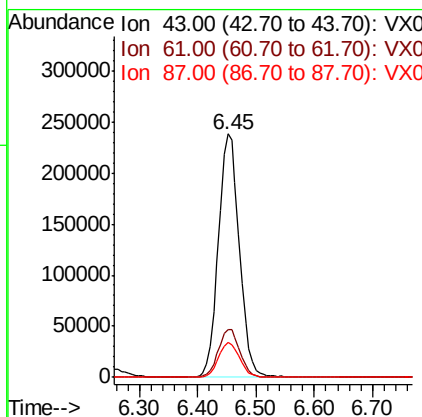
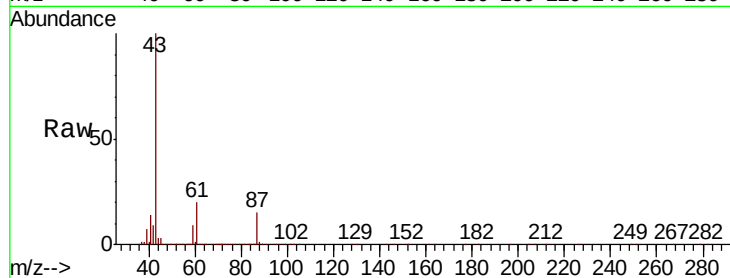
#43
Isopropyl Acetate
Concen: 53.283 ug/l
RT: 6.45 min Scan# 869
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	592384
Ion Ratio	Lower	Upper	
43	100		
61	20.1	16.8	25.2
87	14.5	12.4	18.6

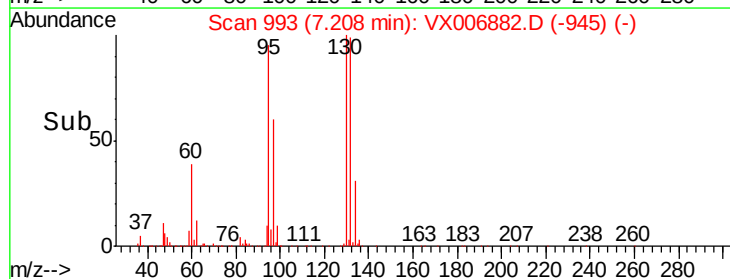
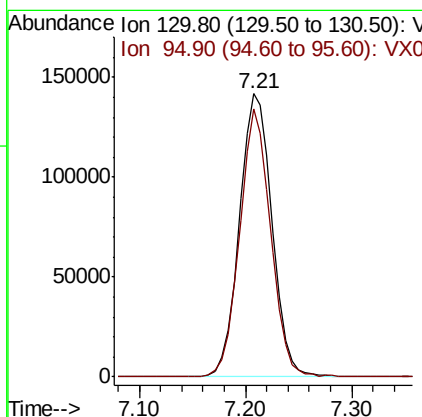
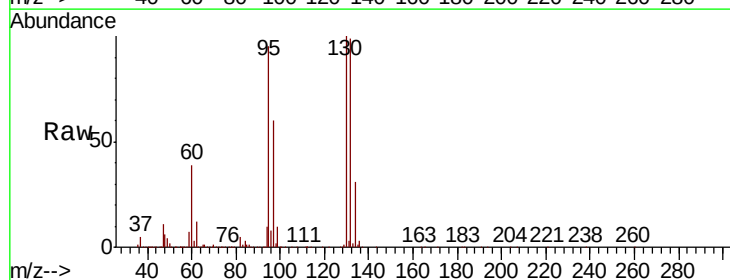
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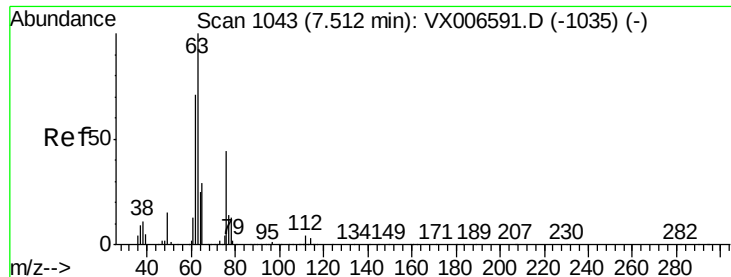
MMDadoda
1/3/2019 9:43:25 AM



#44
Trichloroethene
Concen: 47.114 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	130	Resp	304298
Ion Ratio	Lower	Upper	
130	100		
95	94.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.612 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 262825

Ion Ratio Lower Upper

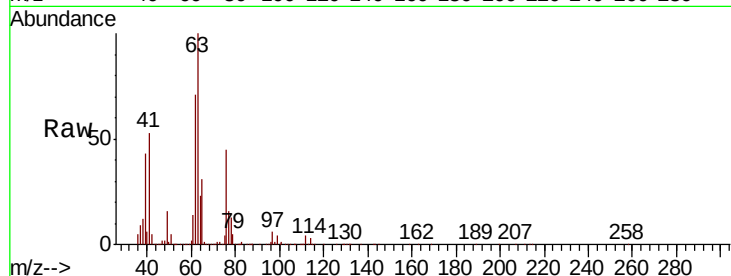
63 100

65 30.8 25.4 38.0

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

150000

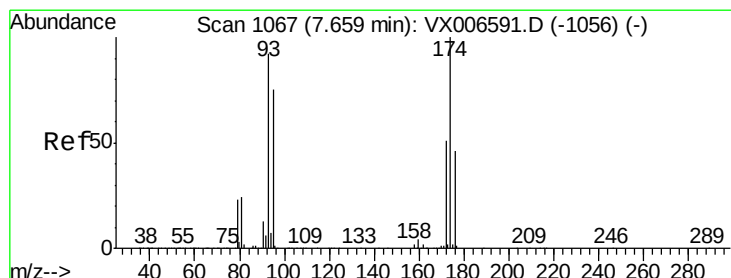
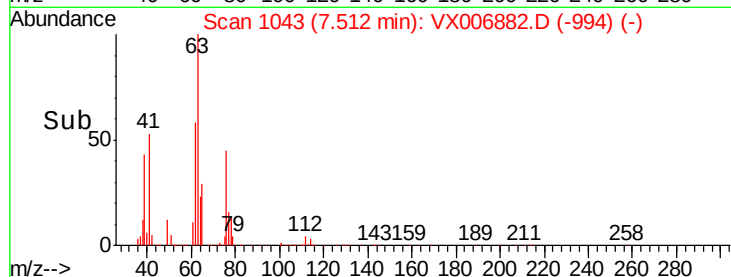
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 47.925 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

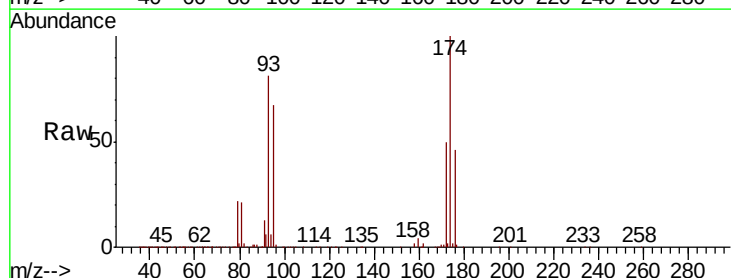
Tgt Ion: 93 Resp: 183058

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 119.3 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

150000

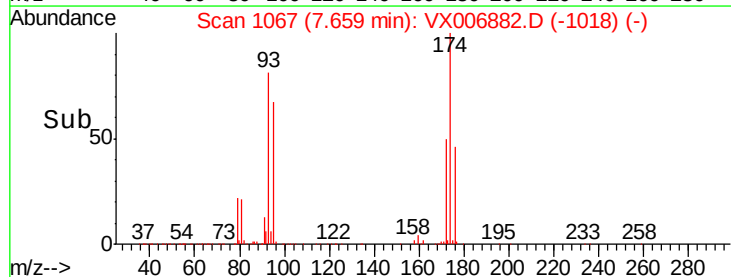
100000

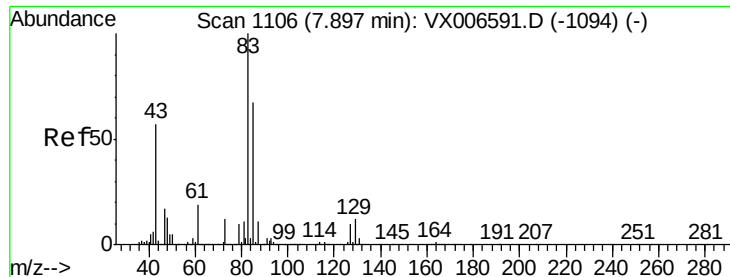
50000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 52.675 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

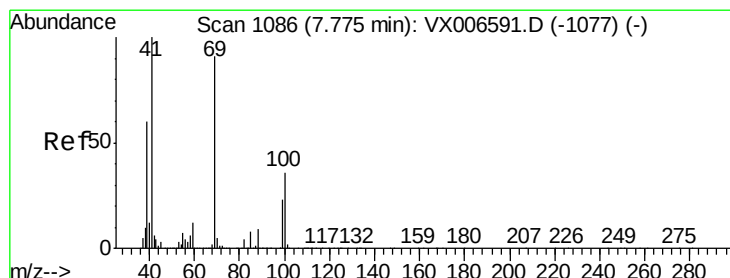
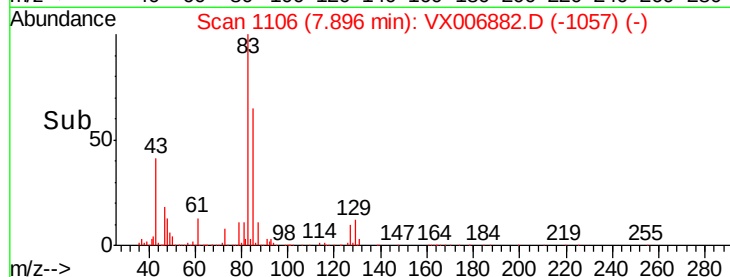
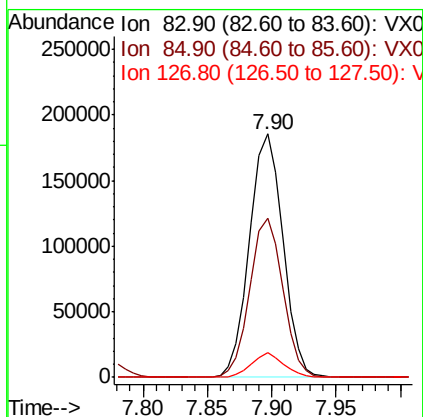
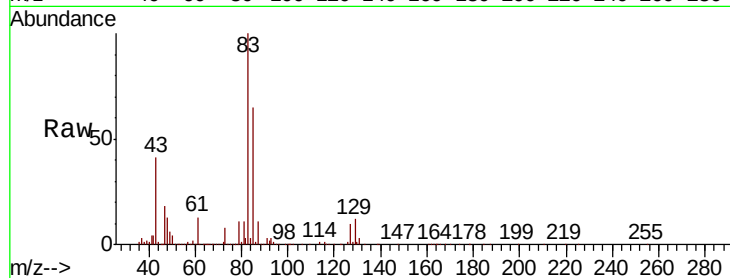
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	334041
Ion Ratio	Lower	Upper	
83	100		
85	65.1	53.2	79.8
127	10.0	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.994 ug/l

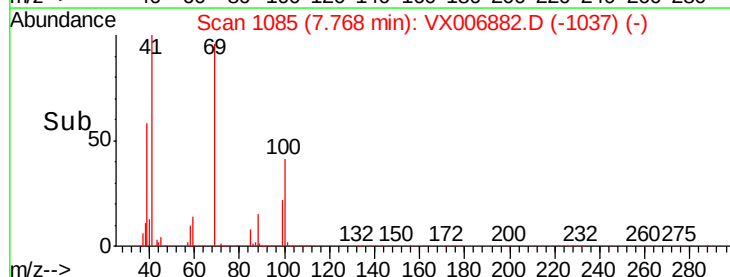
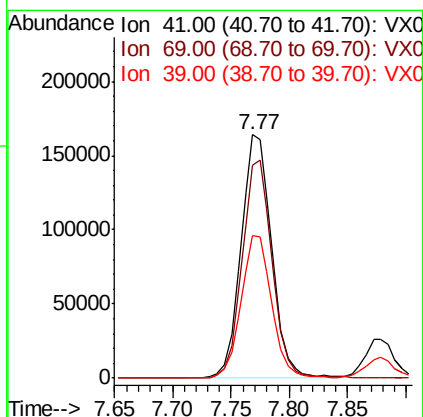
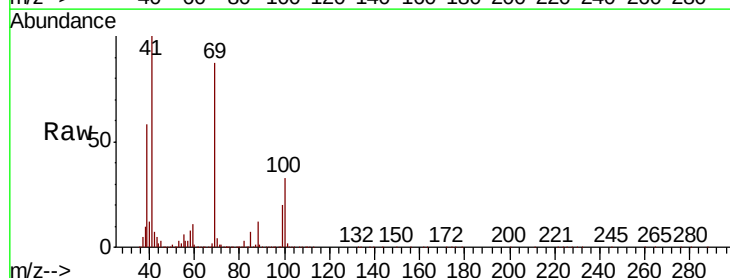
RT: 7.77 min Scan# 1085

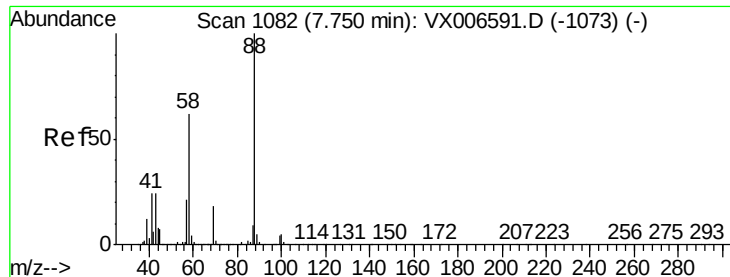
Delta R.T. -0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion:	41	Resp:	299612
Ion Ratio	Lower	Upper	
41	100		
69	88.1	72.4	108.6
39	58.4	45.8	68.8





#49

1,4-Dioxane

Concen: 909.236 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

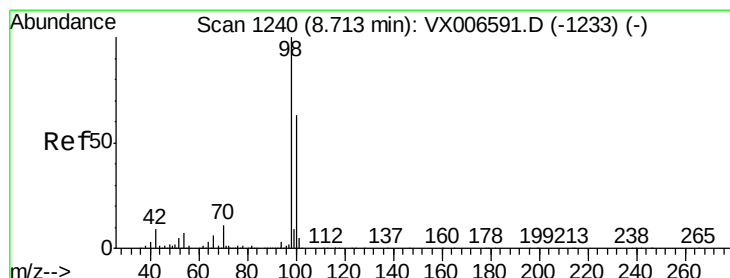
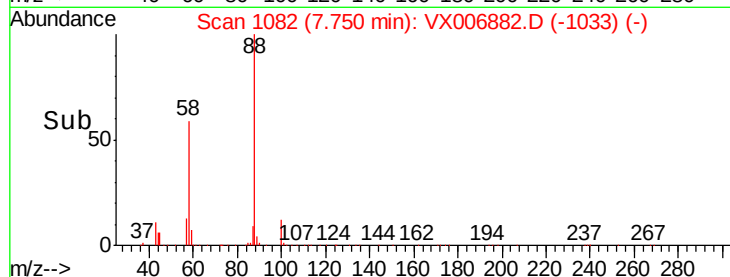
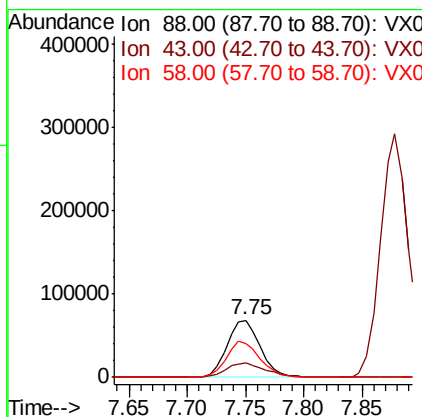
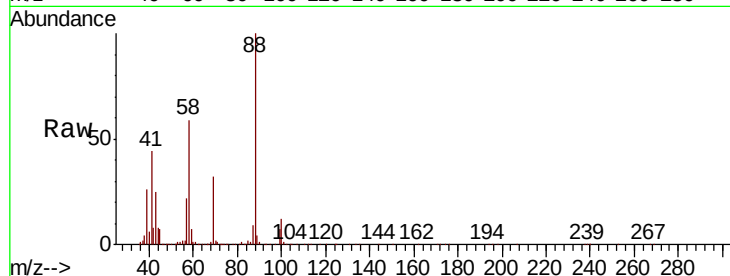
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	134767
Ion	Ratio	Lower	Upper
88	100		
43	29.6	22.2	33.4
58	64.2	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.724 ug/l

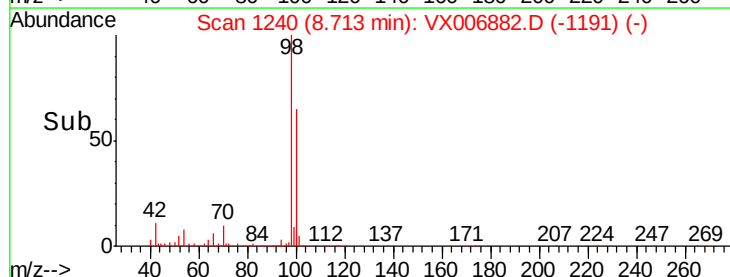
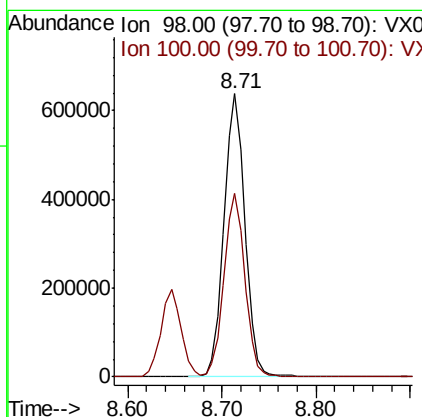
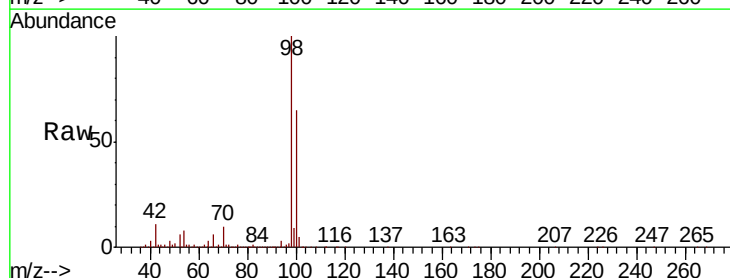
RT: 8.71 min Scan# 1240

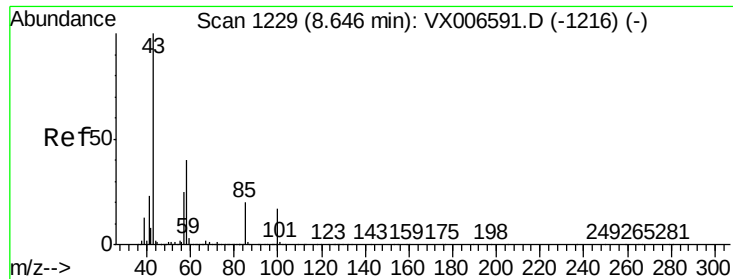
Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion:	98	Resp:	984634
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0





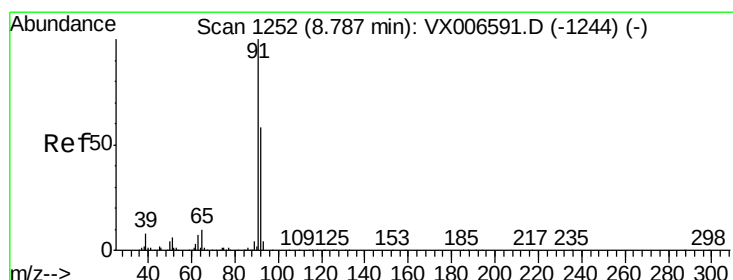
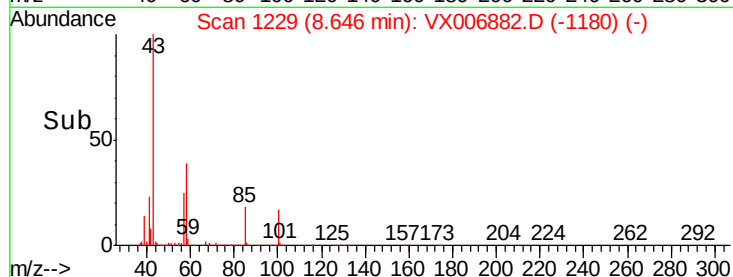
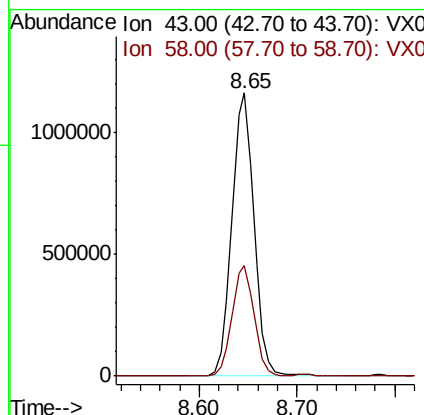
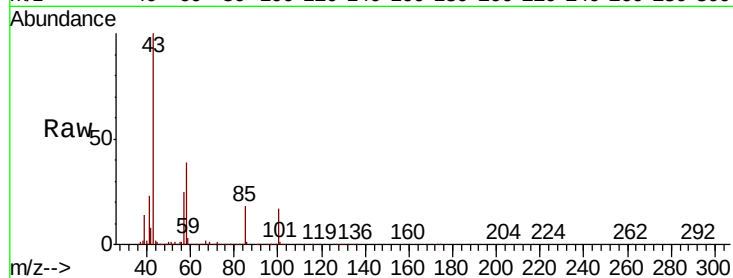
#51
4-Methyl-2-Pentanone
Concen: 258.592 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 43 Resp: 1829254
Ion Ratio Lower Upper
43 100
58 38.8 31.8 47.6

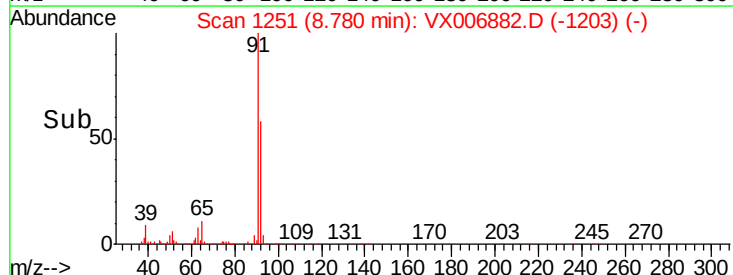
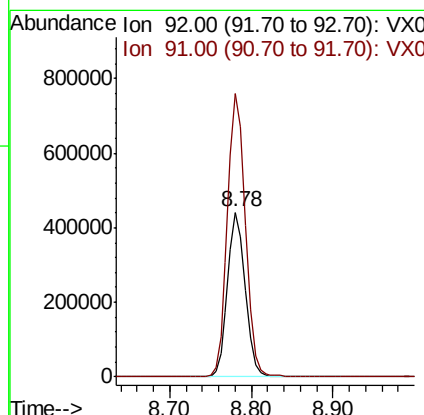
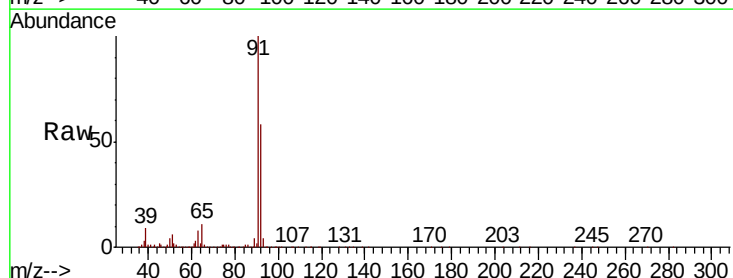
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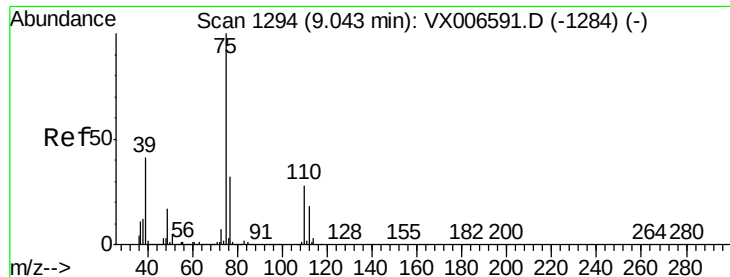
MMDadoda
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#52
Toluene
Concen: 48.166 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion: 92 Resp: 664023
Ion Ratio Lower Upper
92 100
91 174.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 55.778 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 379363

Ion Ratio Lower Upper

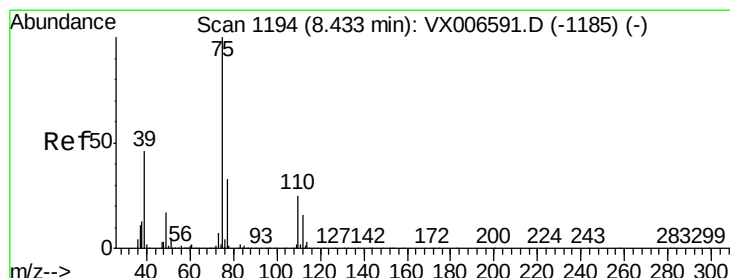
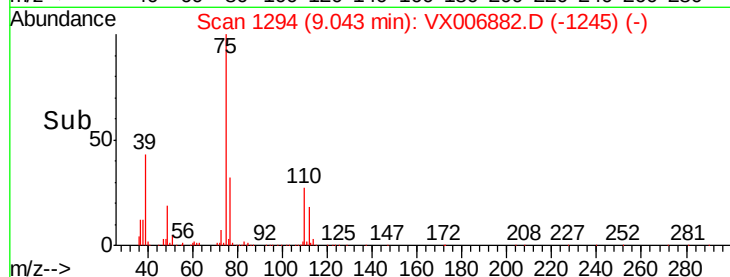
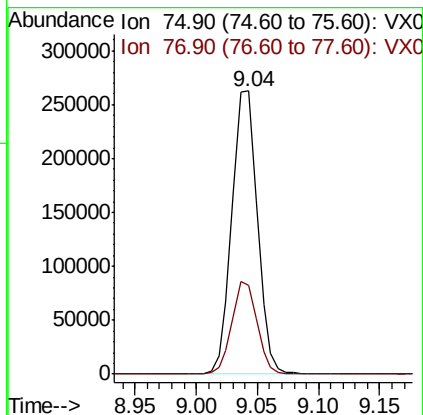
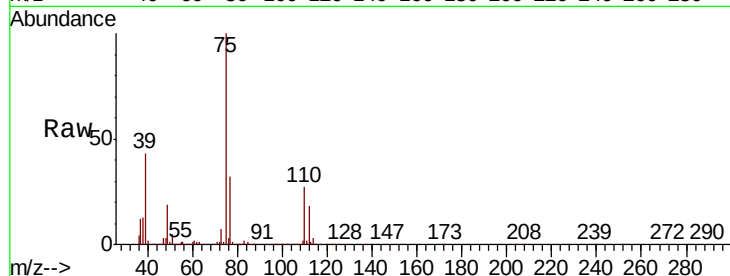
75 100

77 31.5 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 54.864 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

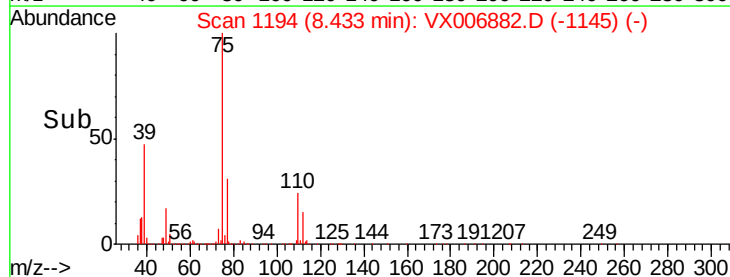
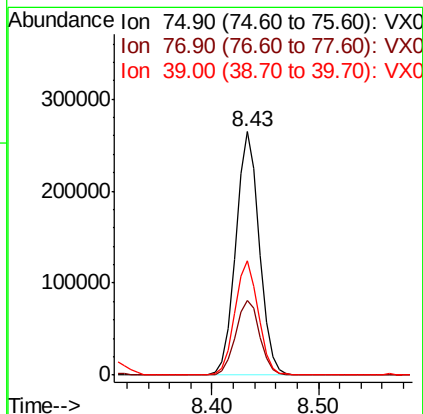
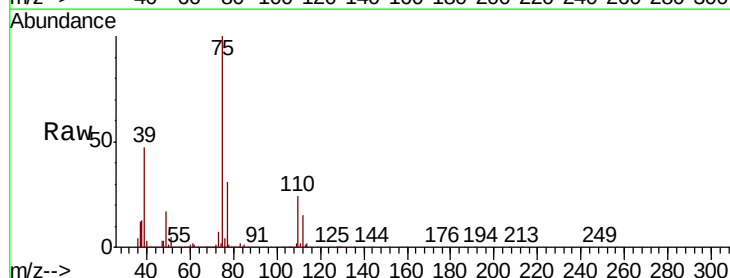
Tgt Ion: 75 Resp: 409431

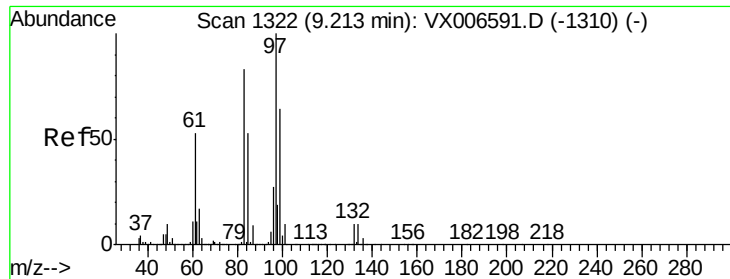
Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.2

39 46.9 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 50.262 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

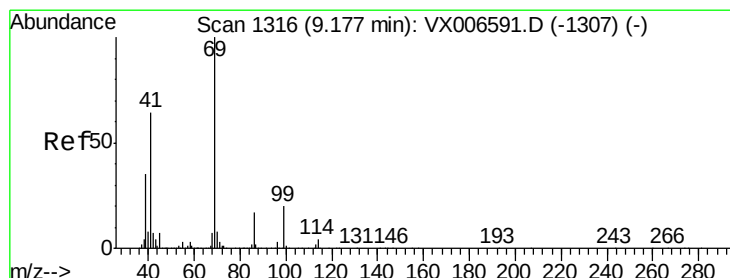
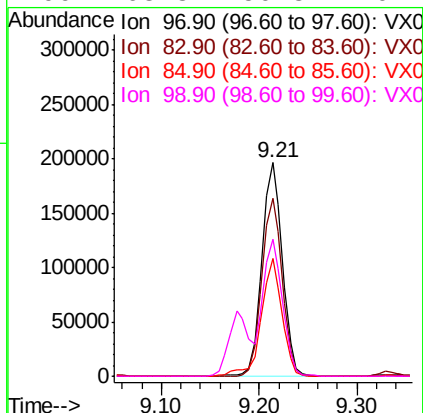
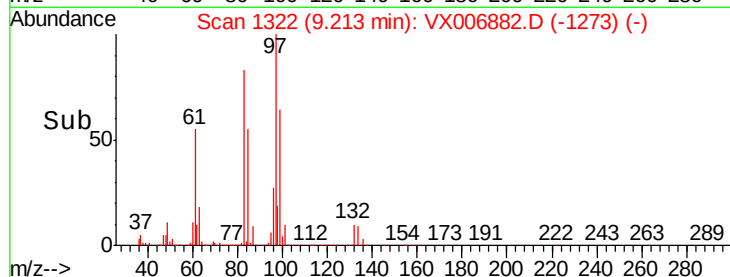
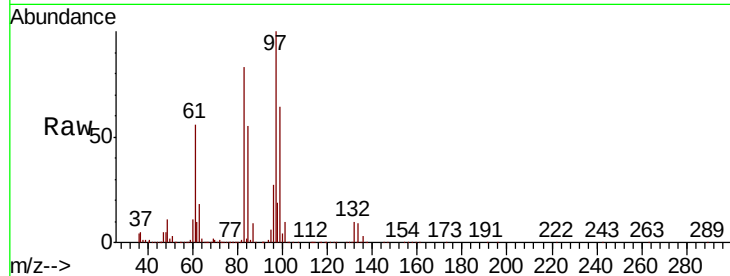
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		283625		
83	83.4	66.6	99.8		
85	55.2	42.7	64.1		
99	63.8	50.8	76.2		

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#56

Ethyl methacrylate

Concen: 52.612 ug/l

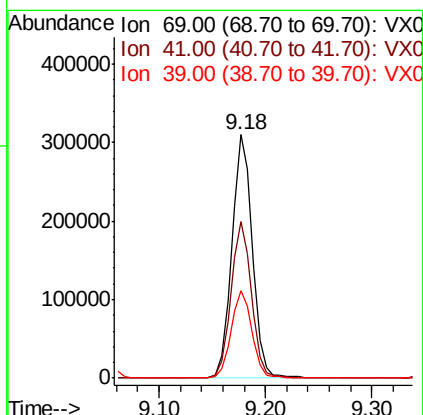
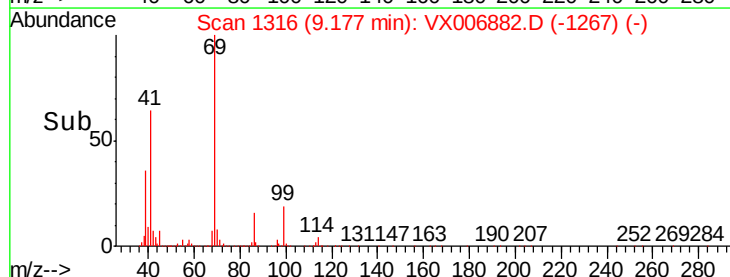
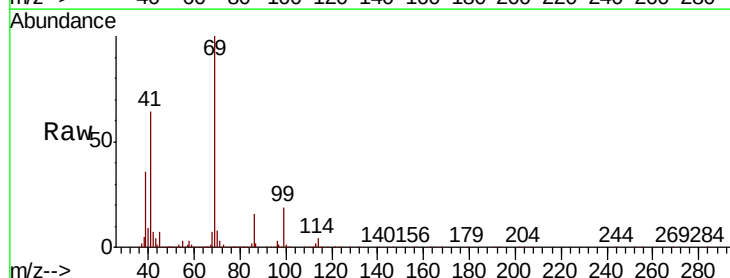
RT: 9.18 min Scan# 1316

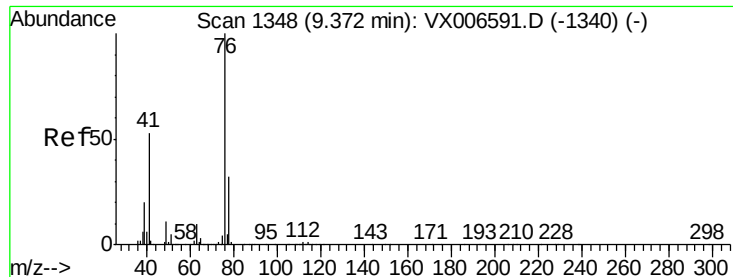
Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		419613		
41	64.1	48.7	73.1		
39	36.4	27.0	40.6		





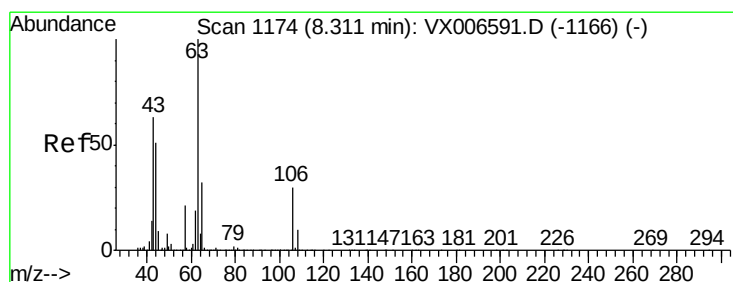
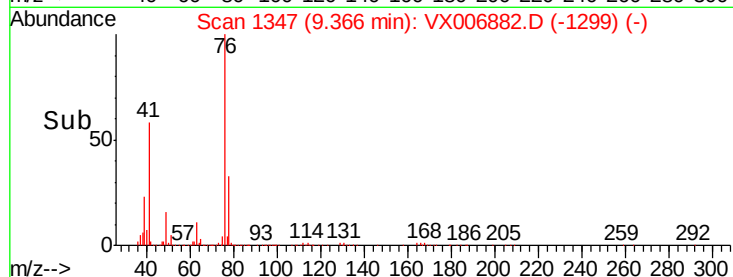
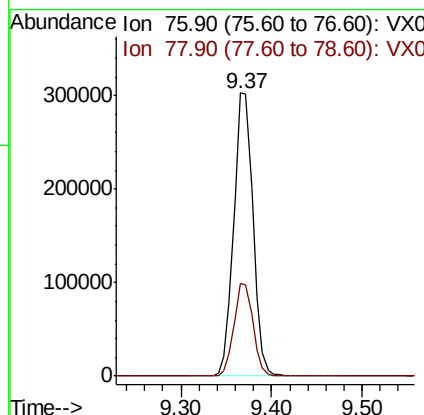
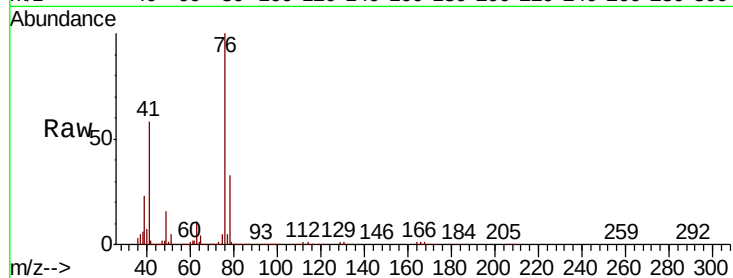
#57
 1,3-Dichloropropane
 Concen: 49.335 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

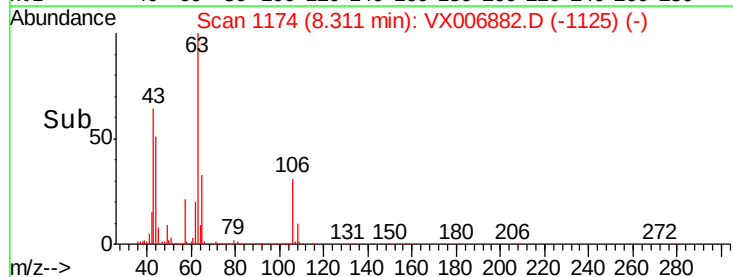
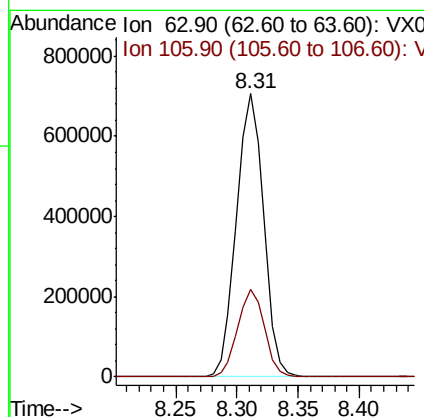
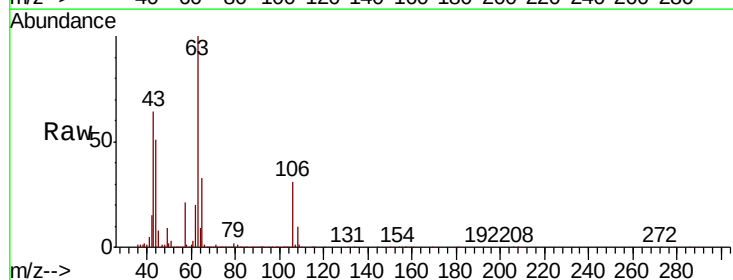
Manual Integrations
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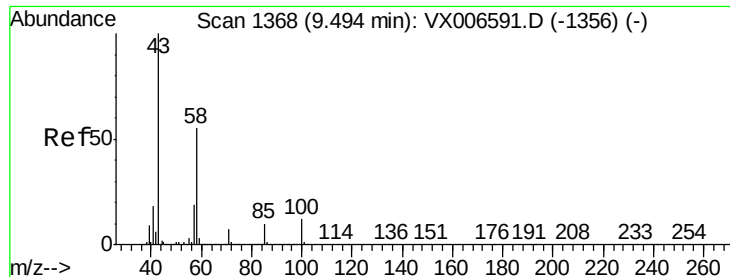
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 256.318 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	24.6	36.8





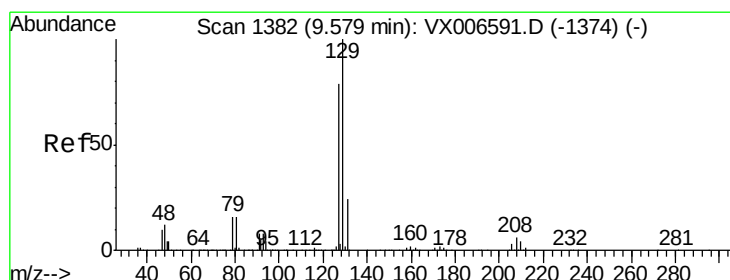
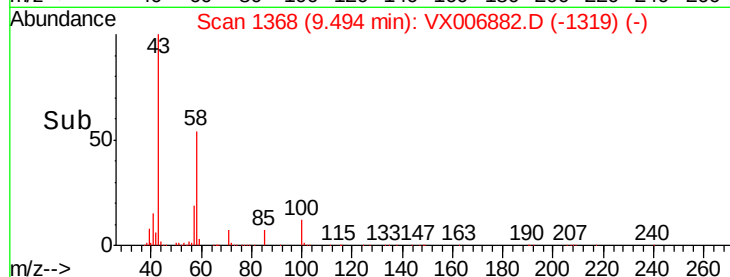
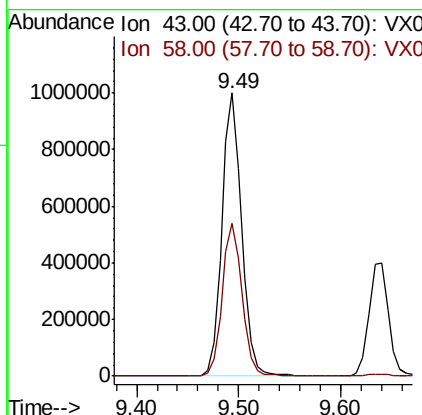
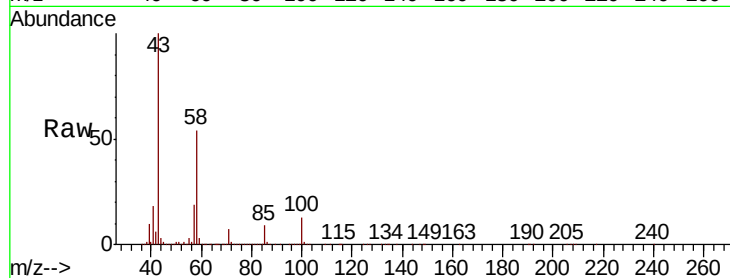
#59
2-Hexanone
Concen: 247.885 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1341647
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1

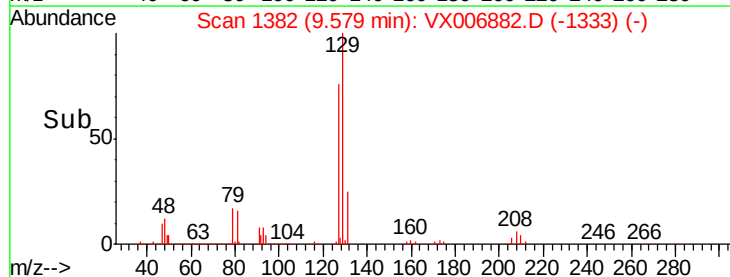
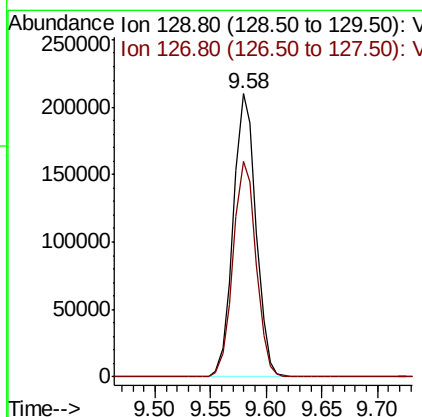
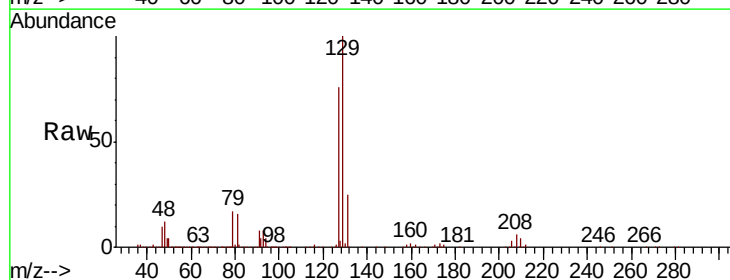
Manual Integrations
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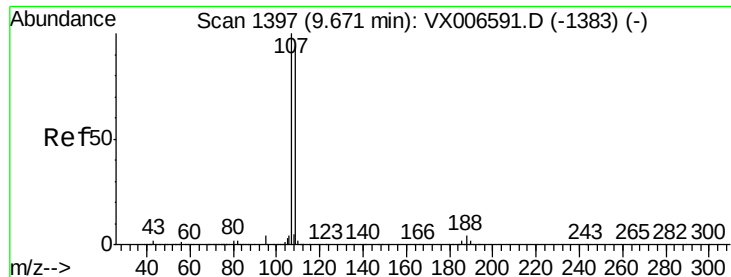
MMDadoda
1/3/2019 9:43:25 AM



#60
Dibromochloromethane
Concen: 50.256 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion: 129 Resp: 296680
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 49.839 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 298968

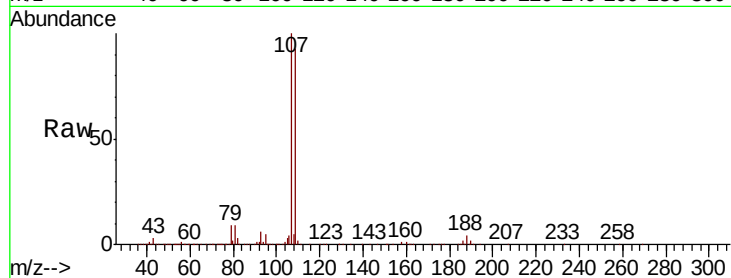
Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

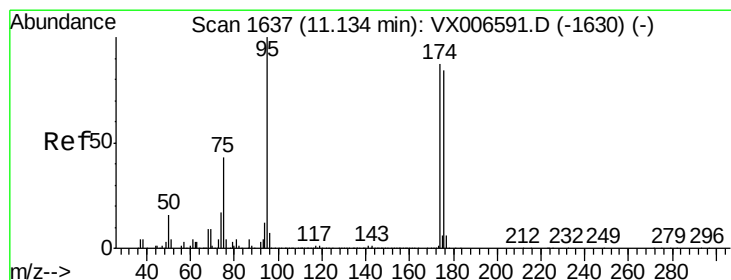
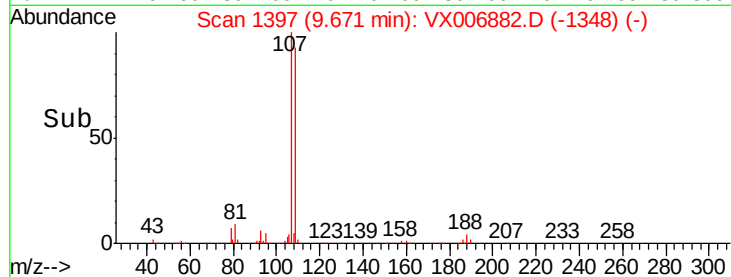
100000

50000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 50.365 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

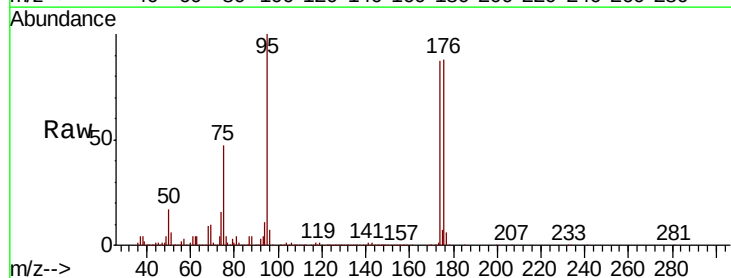
Tgt Ion: 95 Resp: 372762

Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.2

176 92.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

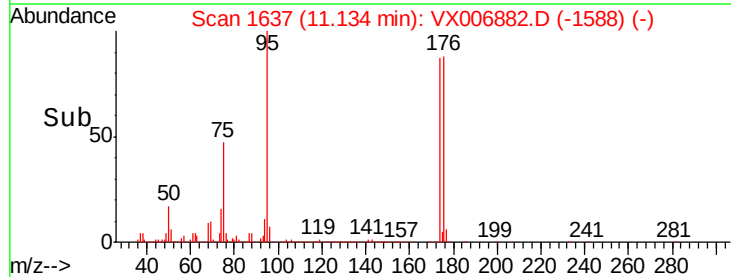
200000

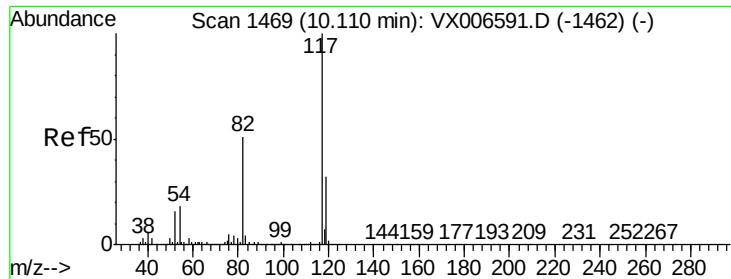
100000

0

11.00 11.10 11.20

Time-->





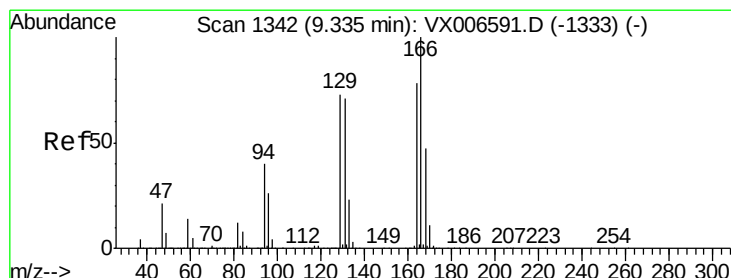
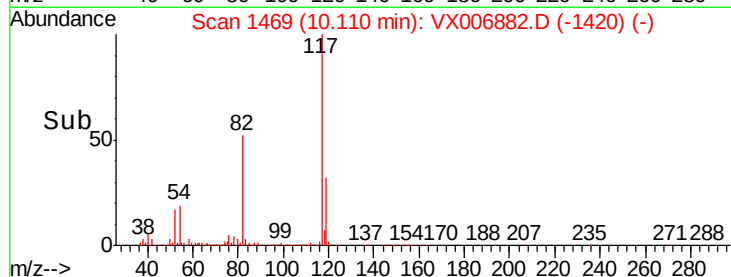
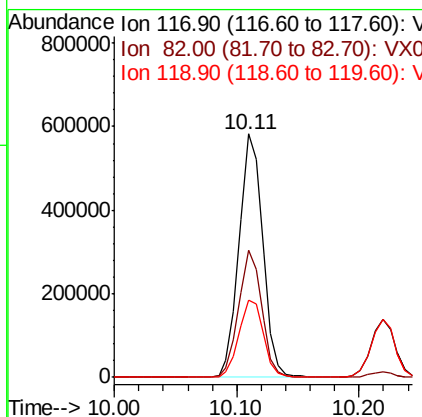
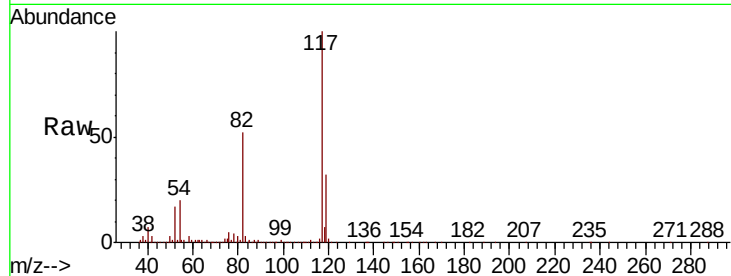
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.3	41.0	61.6
119	31.5	25.4	38.0

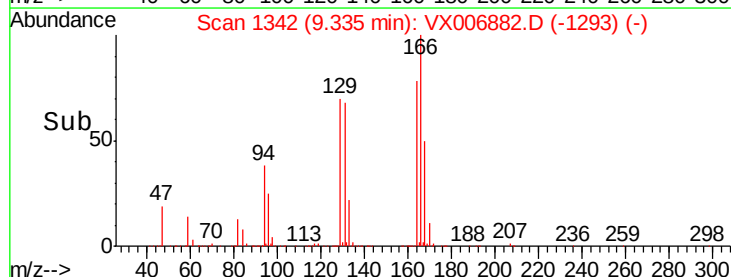
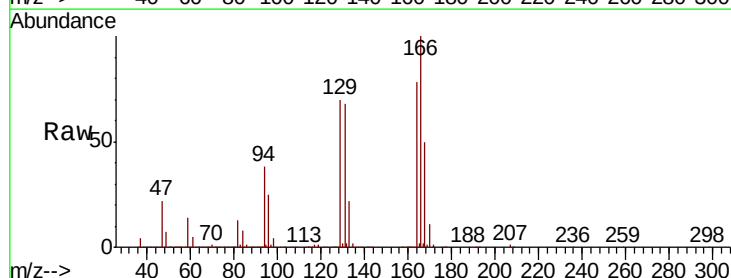
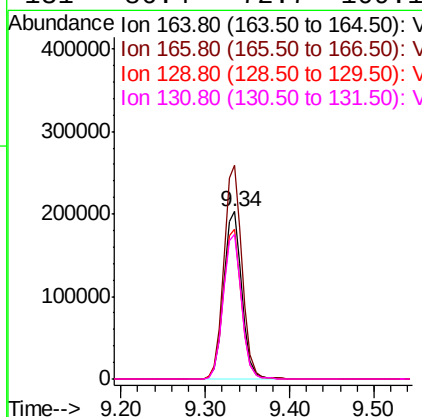
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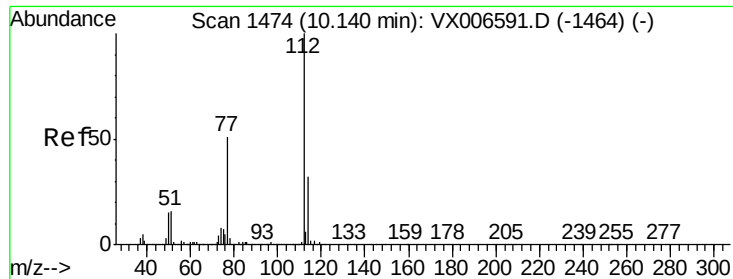
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#64
Tetrachloroethene
Concen: 48.618 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.4	102.5	153.7
129	89.1	75.1	112.7
131	86.4	72.7	109.1





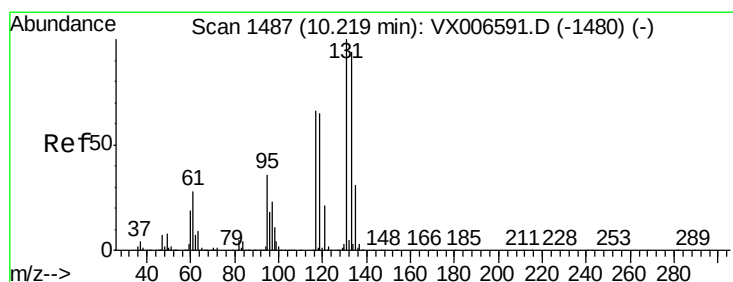
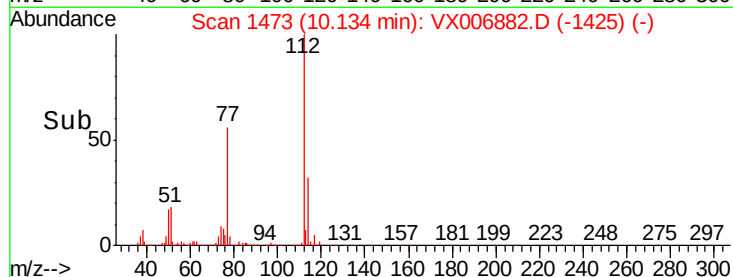
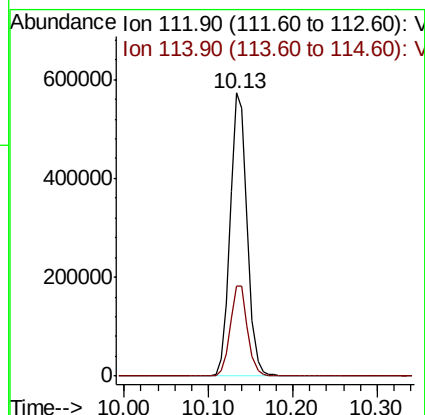
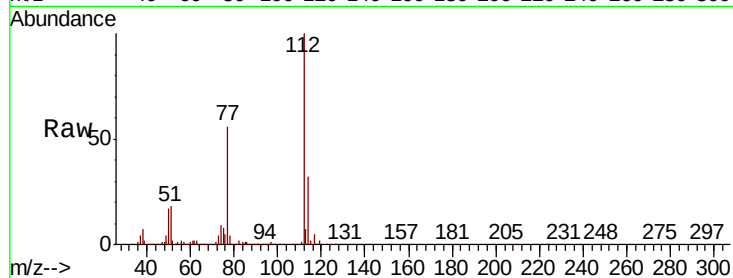
#65
Chlorobenzene
Concen: 47.947 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

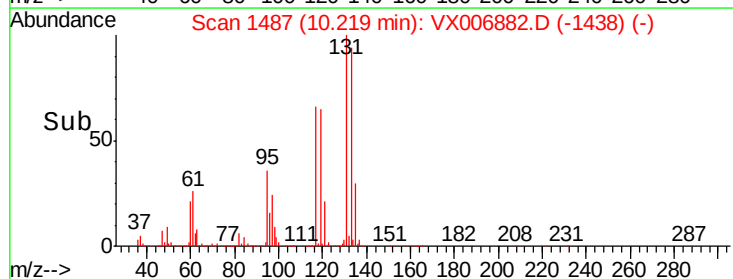
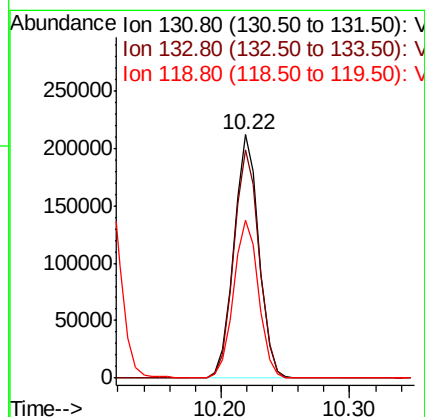
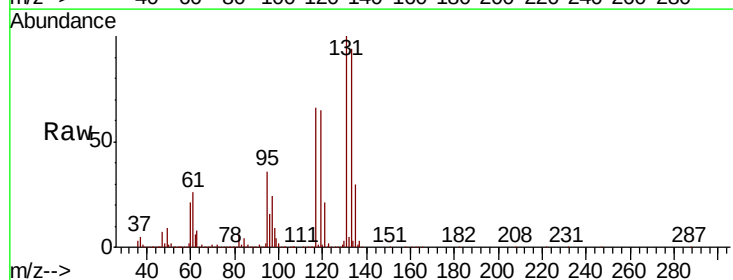
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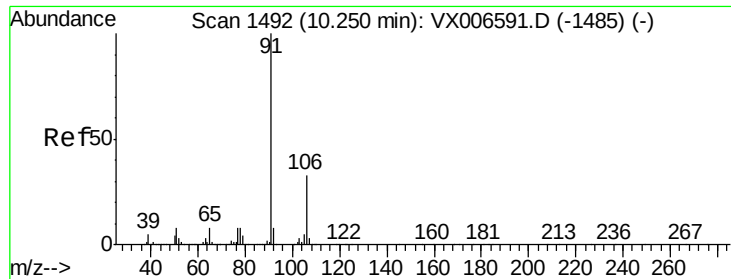
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.611 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.0	144.2
119	65.0	32.6	97.8





#67

Ethyl Benzene

Concen: 48.482 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1310420

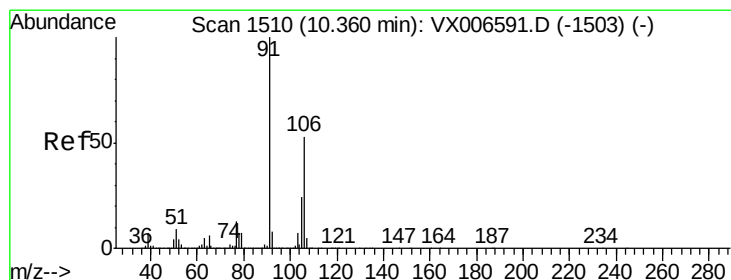
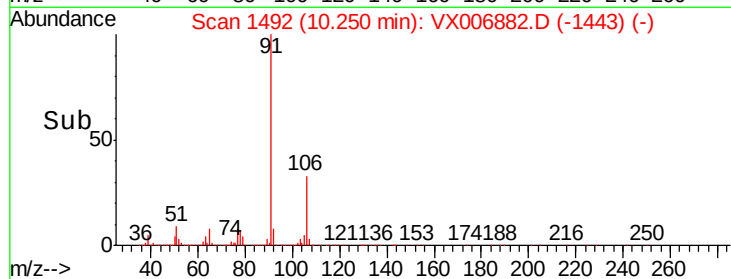
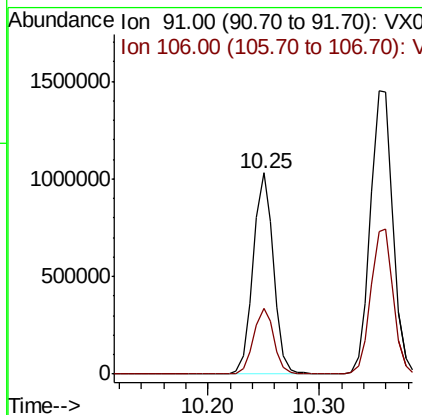
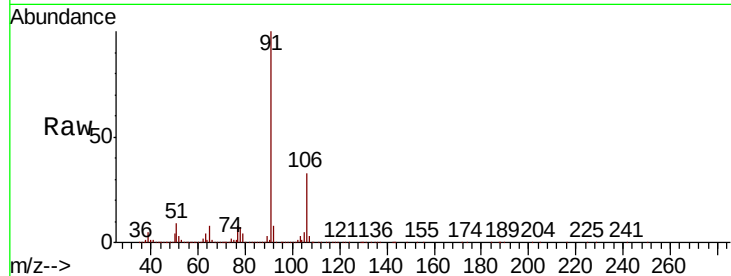
Ion Ratio Lower Upper

91 100

106 32.7 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 97.912 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006882.D

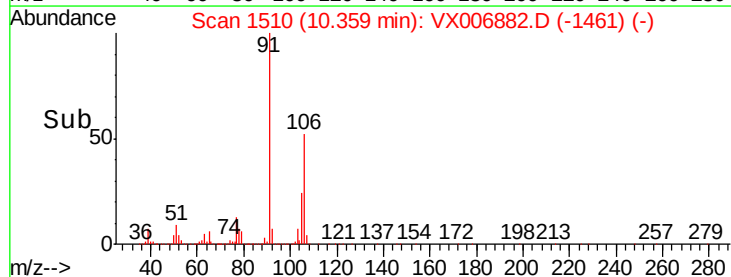
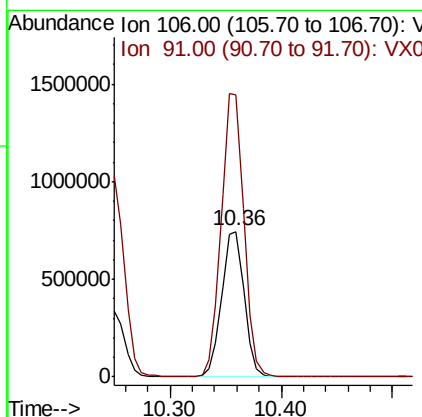
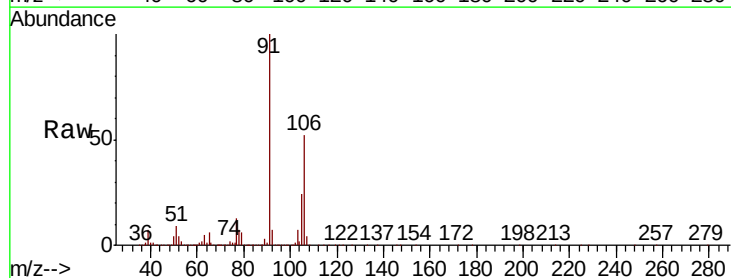
Acq: 02 Jan 2019 17:18

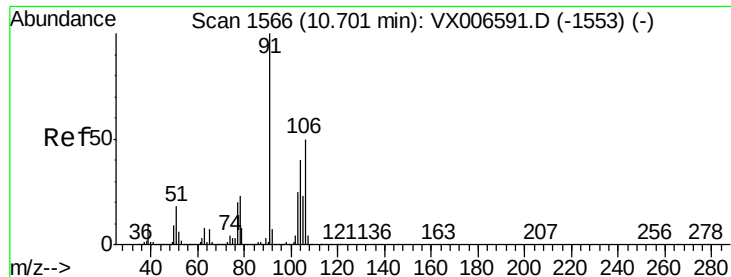
Tgt Ion: 106 Resp: 1044284

Ion Ratio Lower Upper

106 100

91 196.5 155.8 233.6





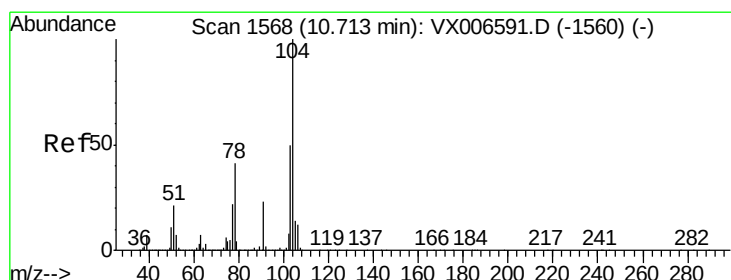
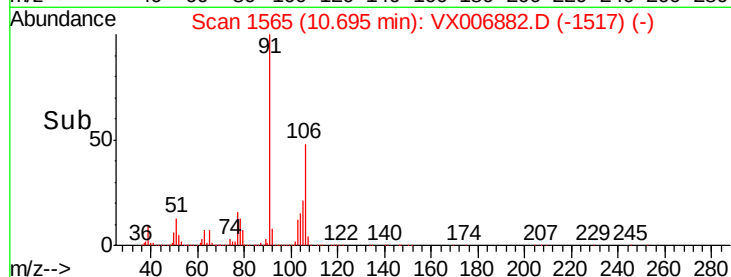
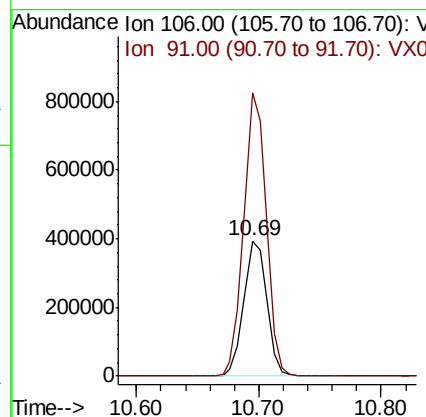
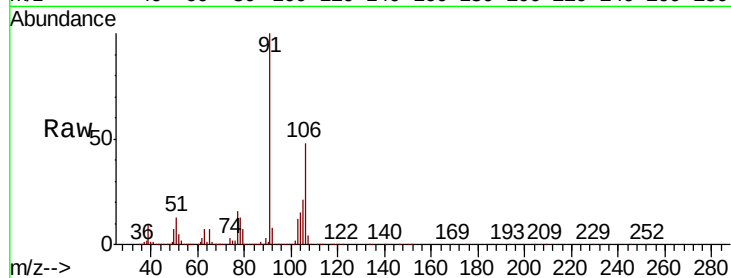
#69
o-Xylene
Concen: 48.673 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.0	101.3	303.7

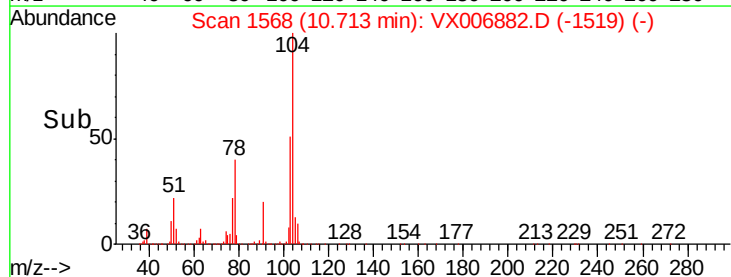
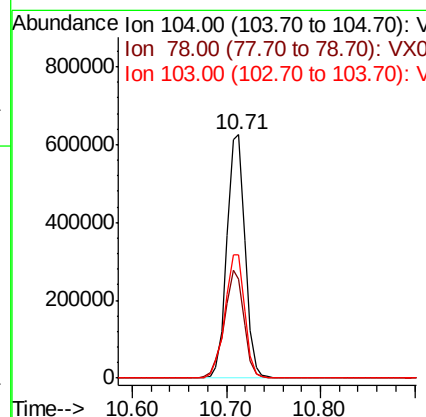
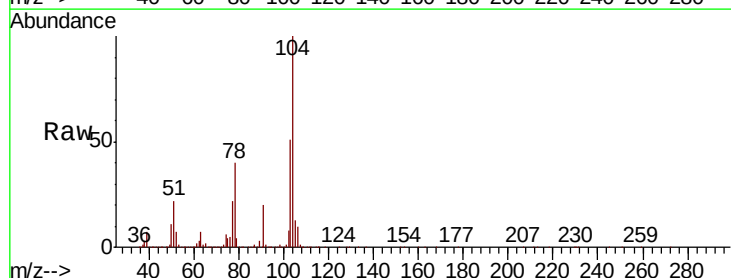
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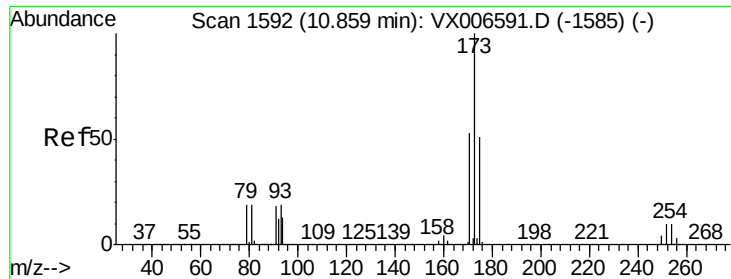
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#70
Styrene
Concen: 50.336 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.7	56.5
103	55.0	43.8	65.8





#71

Bromoform

Concen: 48.282 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 223971

Ion Ratio Lower Upper

173 100

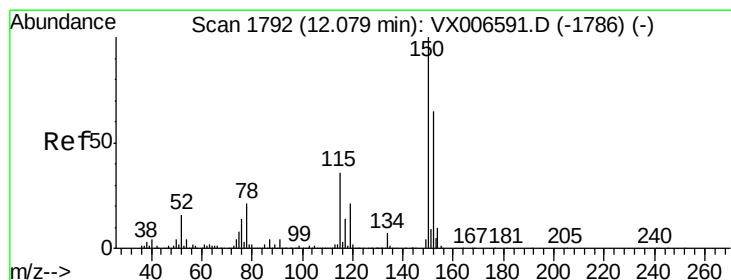
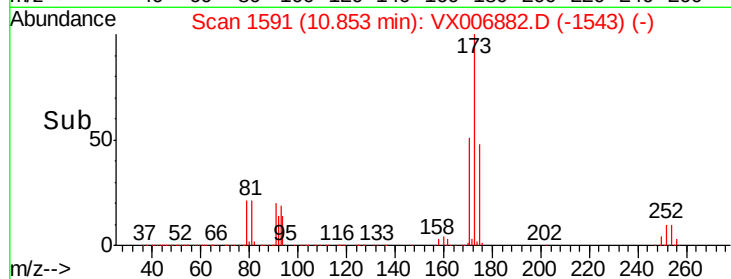
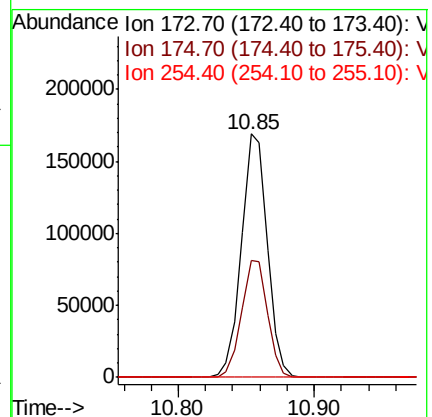
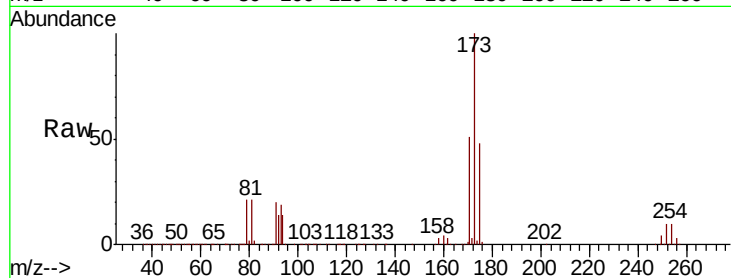
175 48.5 24.7 74.1

254 0.2 0.2 0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

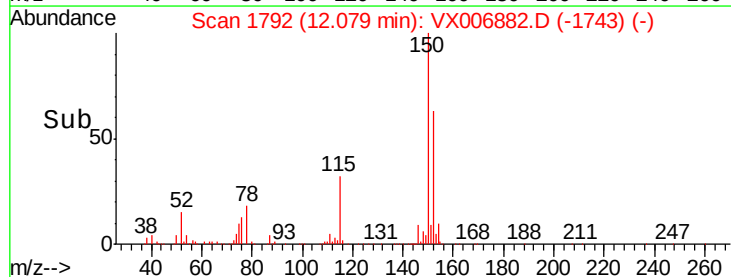
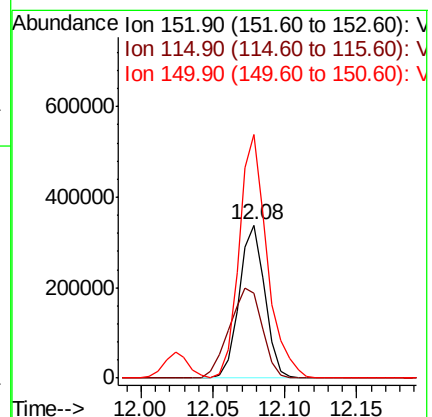
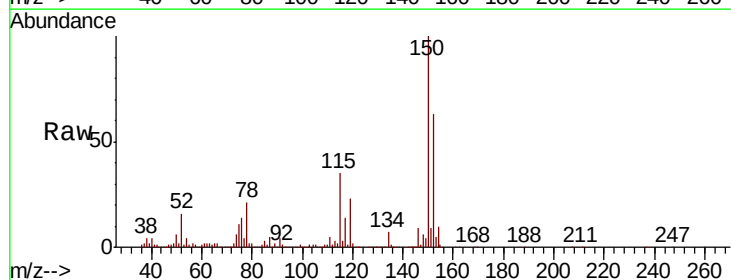
Tgt Ion:152 Resp: 419647

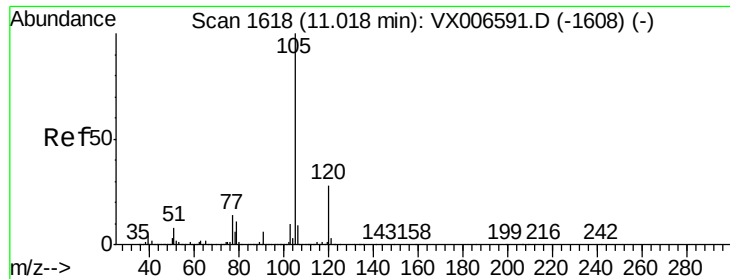
Ion Ratio Lower Upper

152 100

115 76.0 39.1 117.2

150 173.0 0.0 344.8





#73

Isopropylbenzene

Concen: 47.909 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1375413

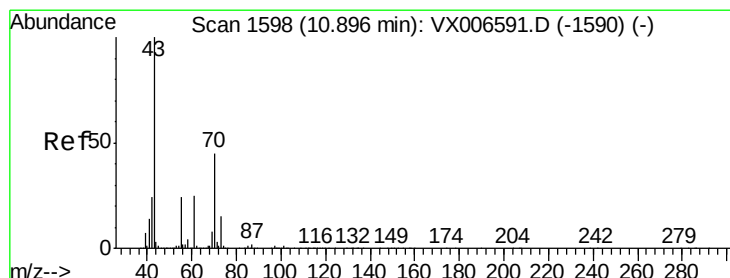
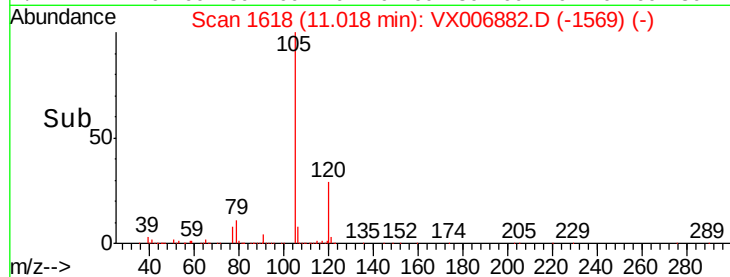
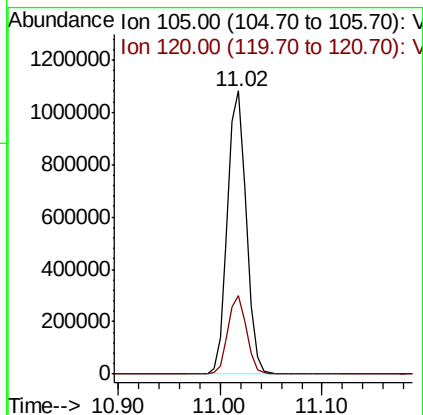
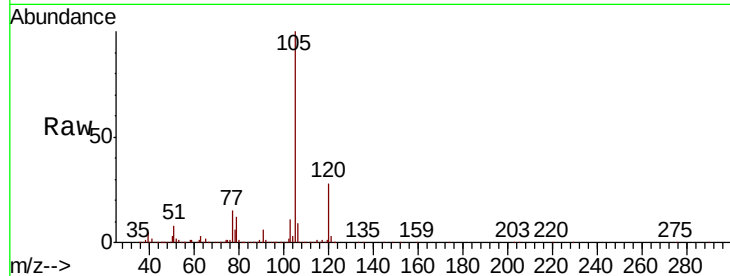
Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4

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#74

N-ethyl acetate

Concen: 52.440 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion: 43 Resp: 538883

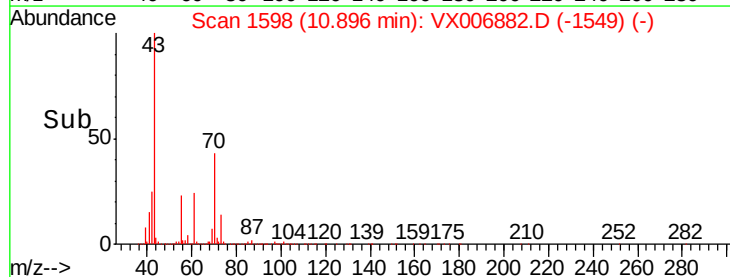
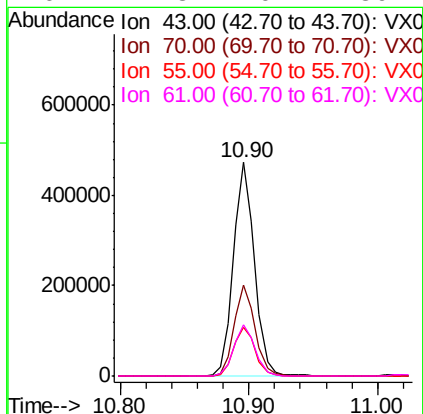
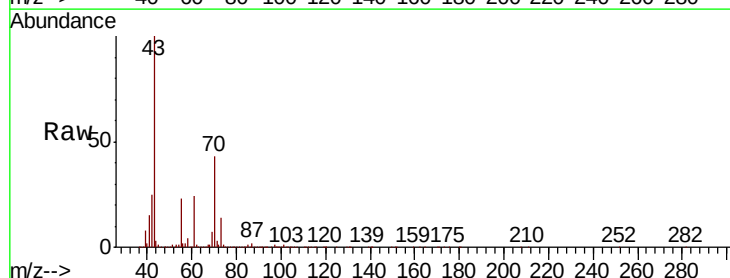
Ion Ratio Lower Upper

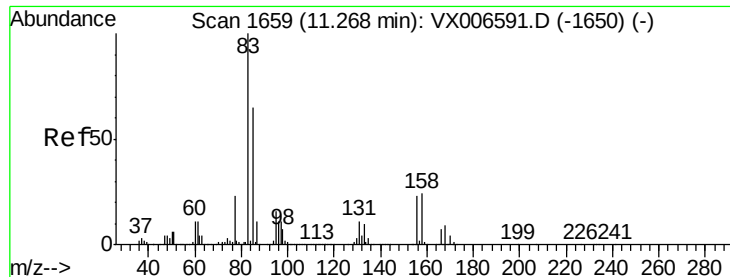
43 100

70 42.5 35.8 53.8

55 23.6 19.4 29.0

61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.978 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

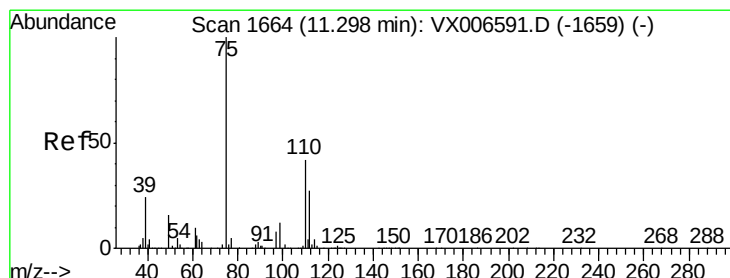
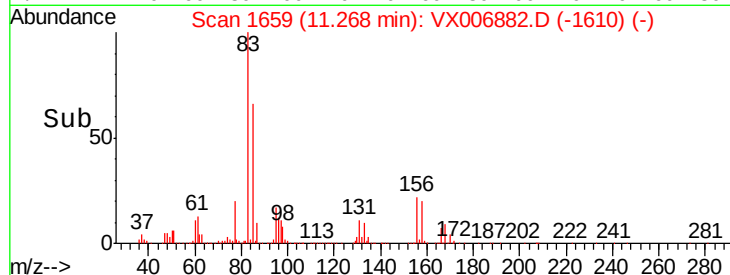
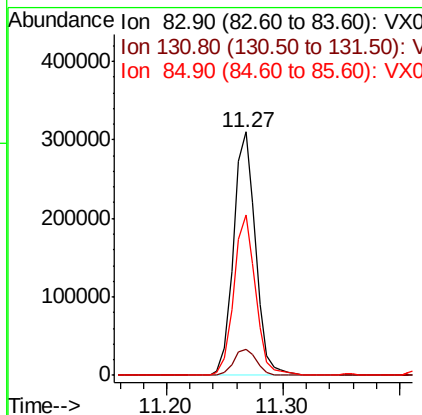
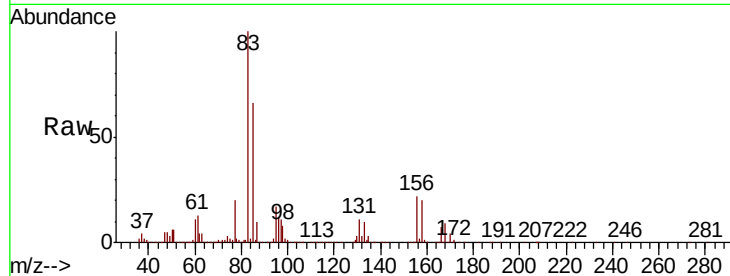
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	409643
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.1
85	65.1	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 49.748 ug/l m

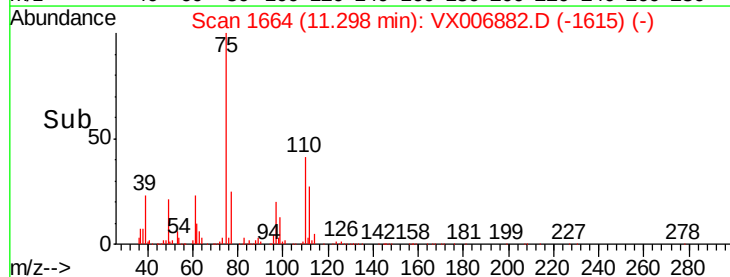
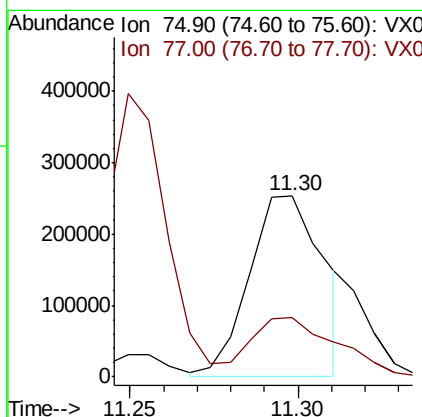
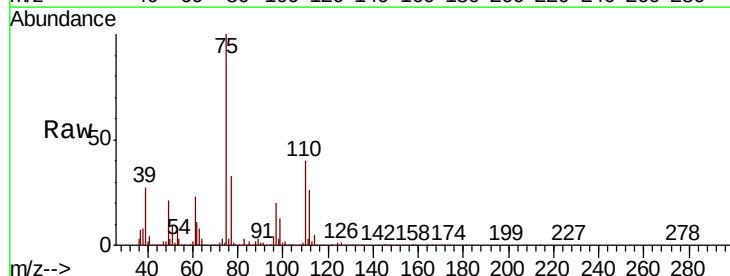
RT: 11.30 min Scan# 1664

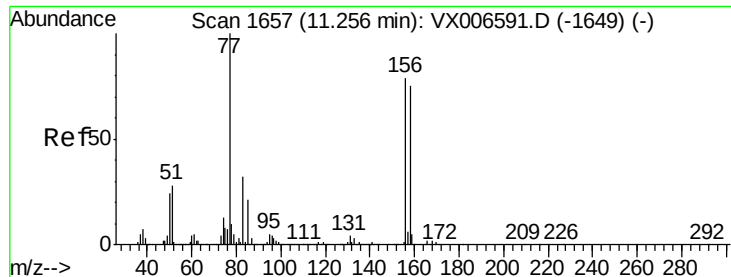
Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion:	75	Resp:	387973
Ion Ratio	Lower	Upper	
75	100		
77	39.4	18.5	55.5





#77

Bromobenzene

Concen: 48.163 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

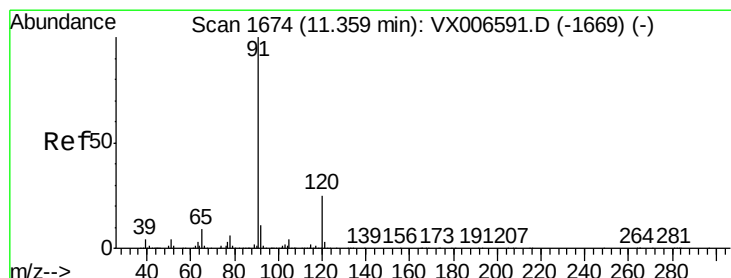
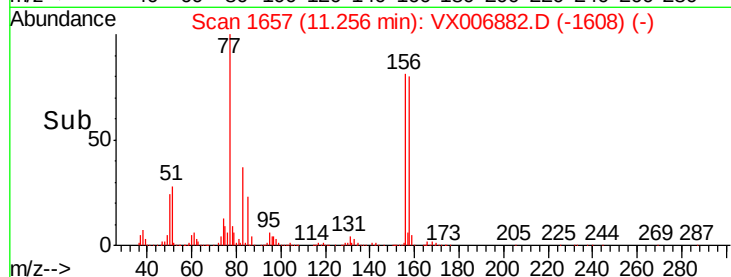
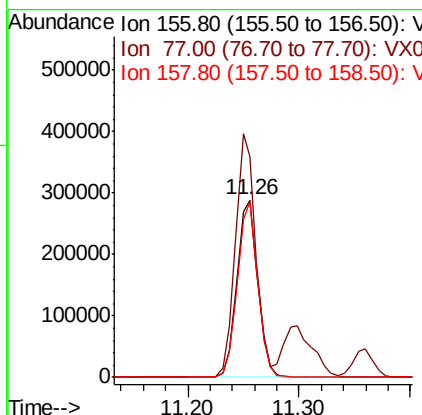
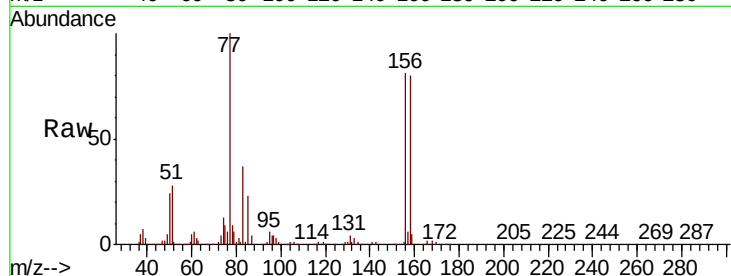
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	373823
Ion Ratio	Lower	Upper	
156	100		
77	132.8	68.0	204.0
158	96.8	48.3	144.8

Manual Integrations
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1/3/2019 9:43:25 AM



#78

n-propylbenzene

Concen: 48.792 ug/l

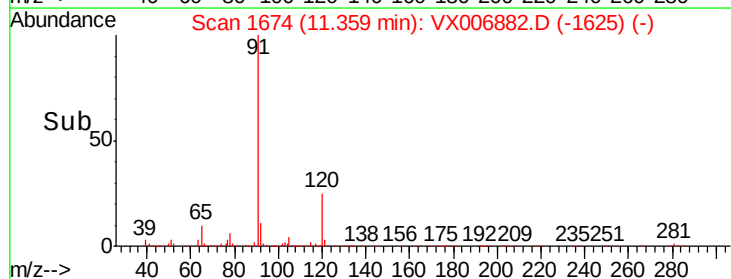
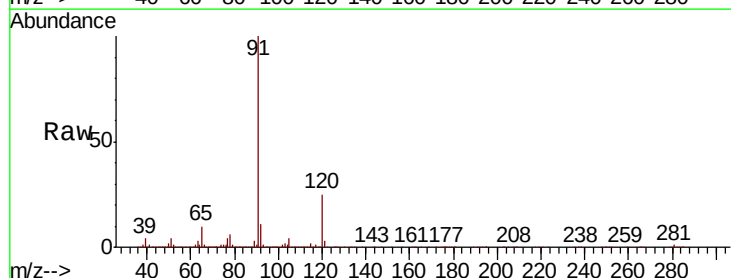
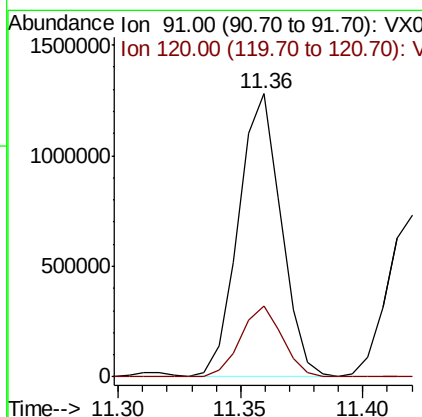
RT: 11.36 min Scan# 1674

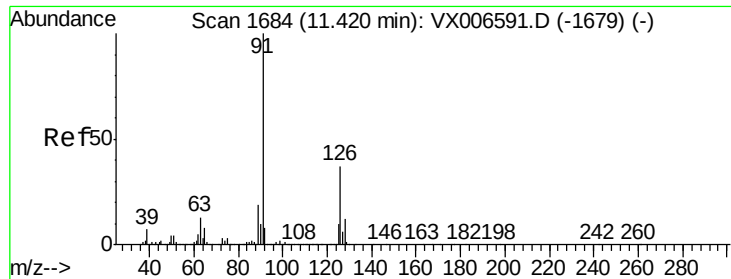
Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Tgt Ion:	91	Resp:	1542537
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.7	38.0





#79

2-Chlorotoluene

Concen: 47.052 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 901452

Ion Ratio Lower Upper

91 100

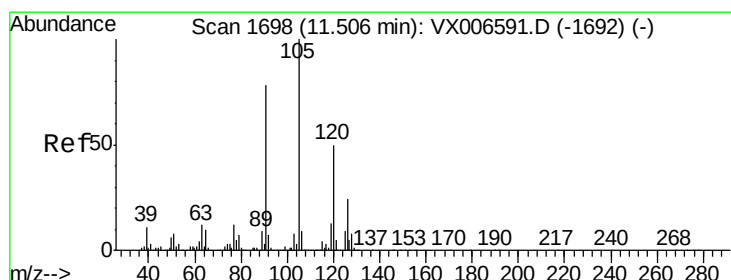
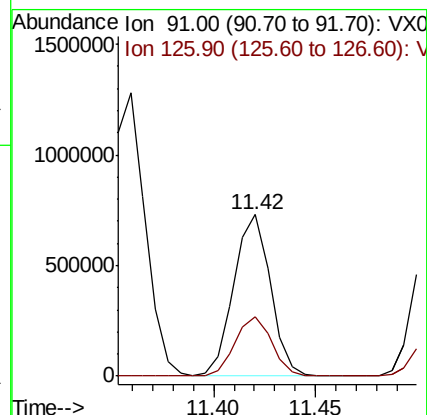
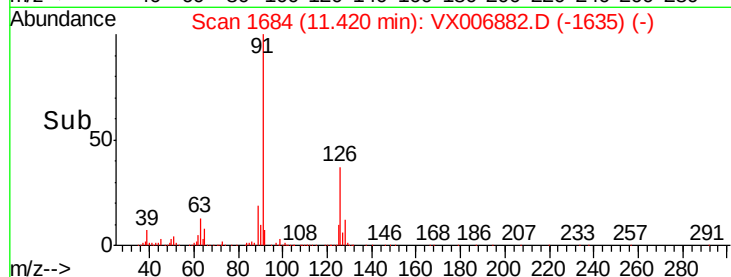
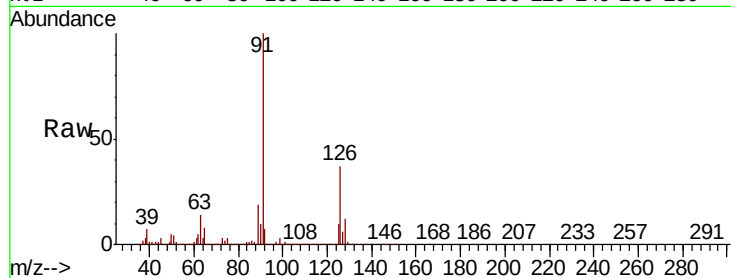
126 37.2 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 48.504 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006882.D

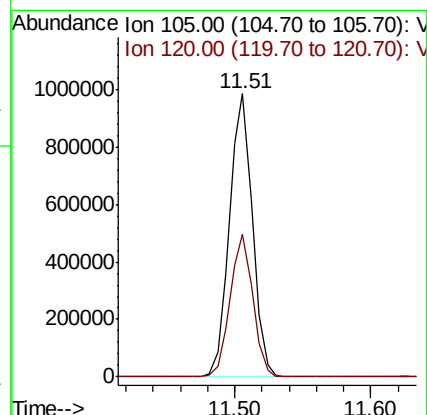
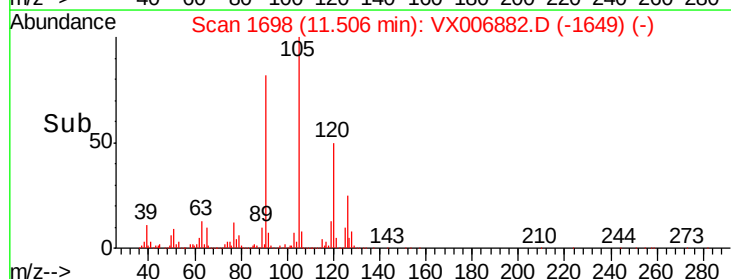
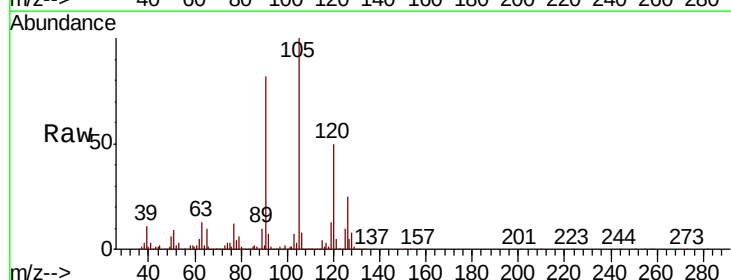
Acq: 02 Jan 2019 17:18

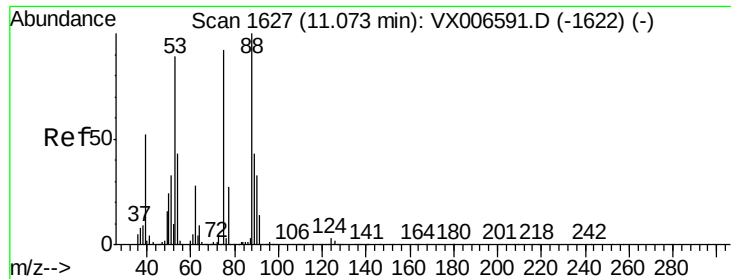
Tgt Ion: 105 Resp: 1146956

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3





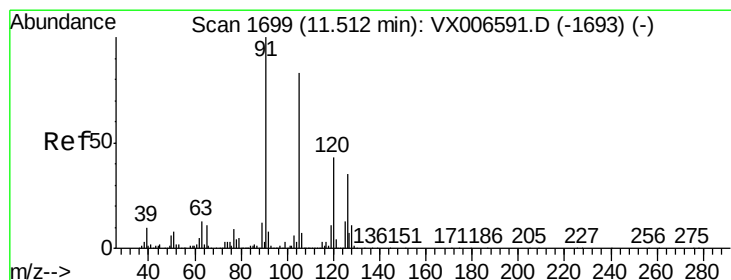
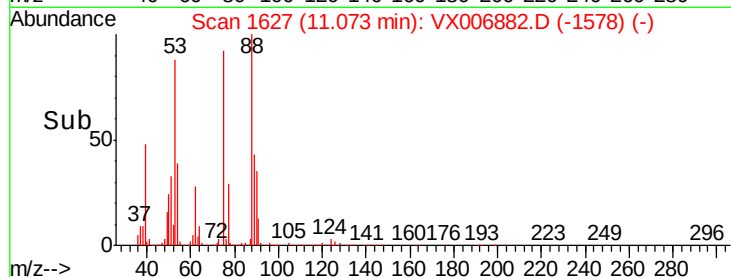
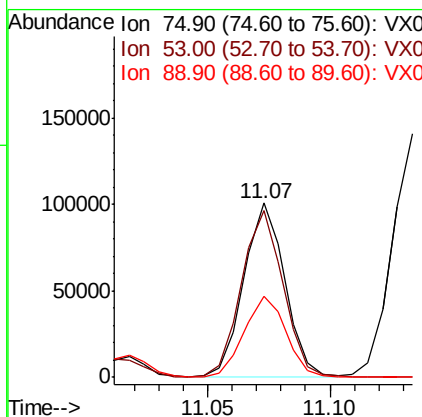
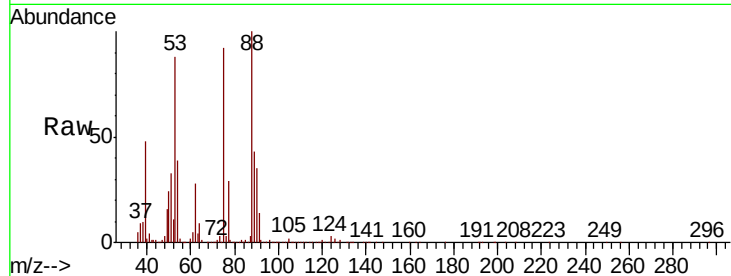
#81
trans-1,4-Dichloro-2-butene
Concen: 46.454 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.9	79.7	119.5
89	48.0	38.0	57.0

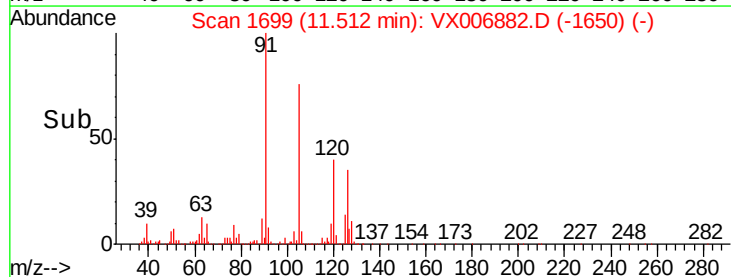
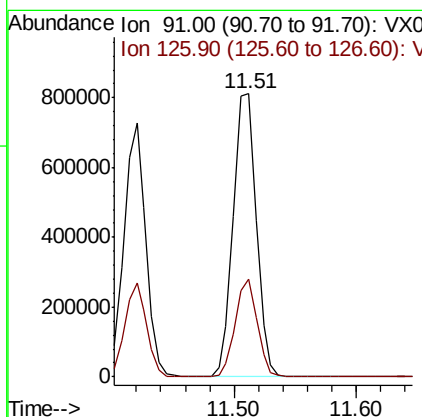
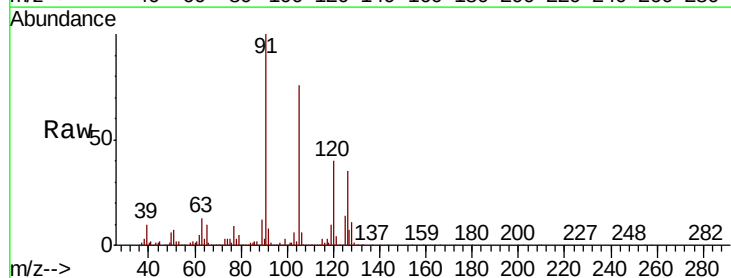
Manual Integrations
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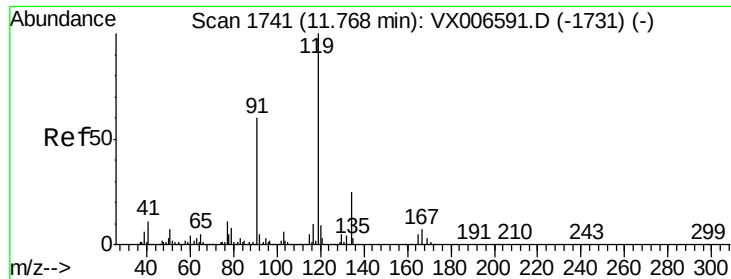
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.187 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.9





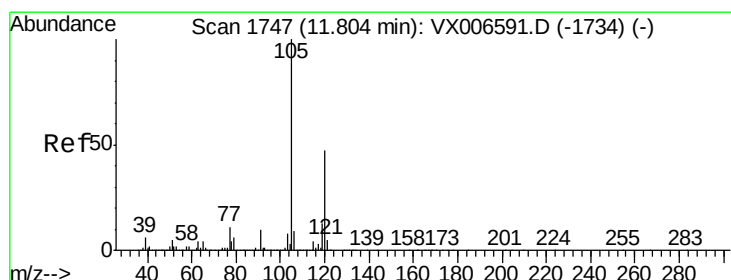
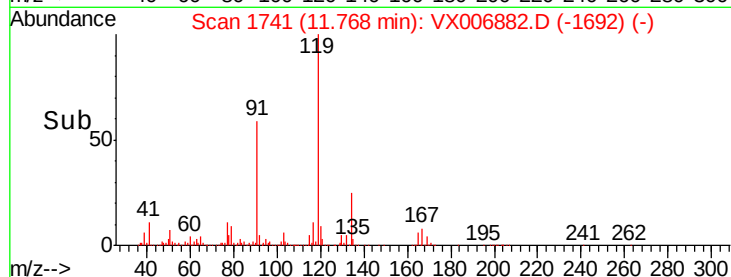
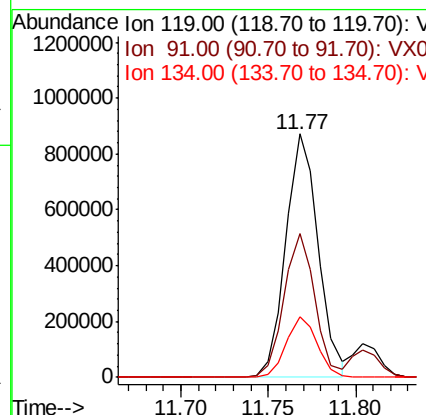
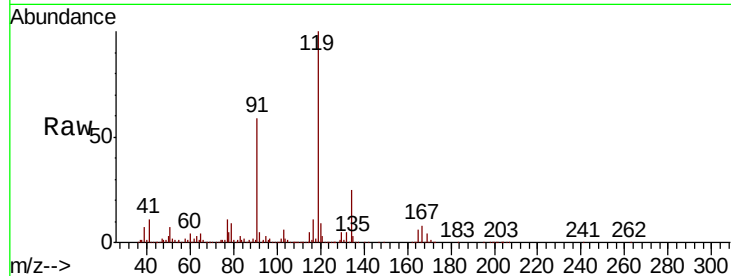
#83
tert-Butylbenzene
Concen: 47.802 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	27.7	83.1
134	24.0	11.9	35.5

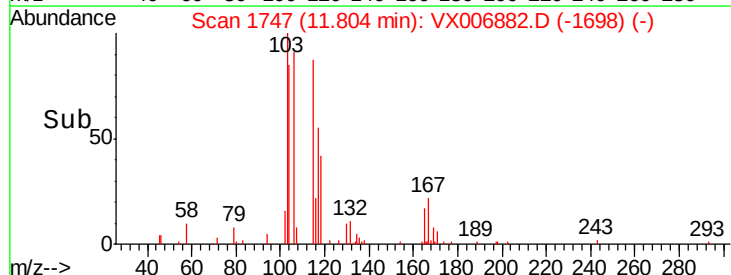
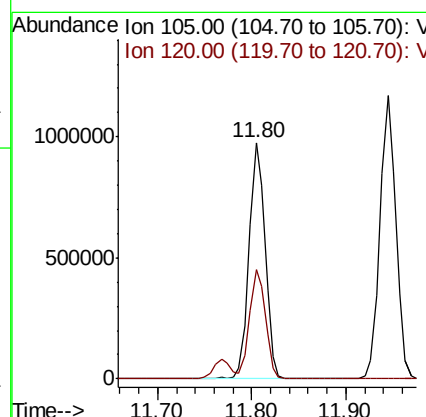
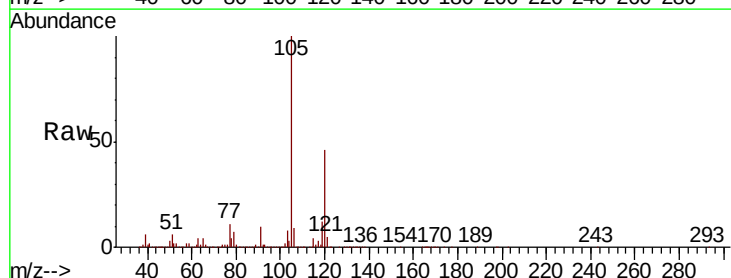
Manual Integrations
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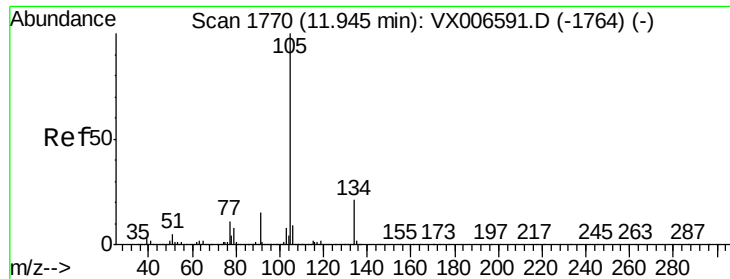
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 46.779 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 47.389 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1375055

Ion Ratio Lower Upper

105 100

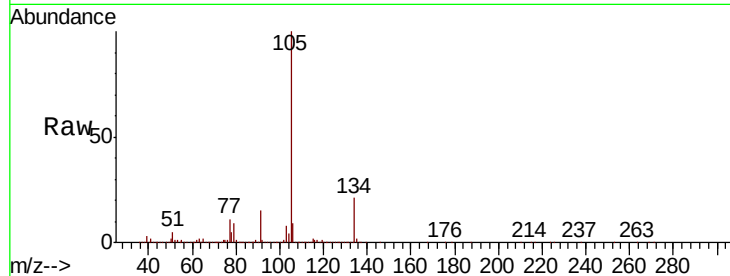
134 21.2 10.7 31.9

Manual Integrations

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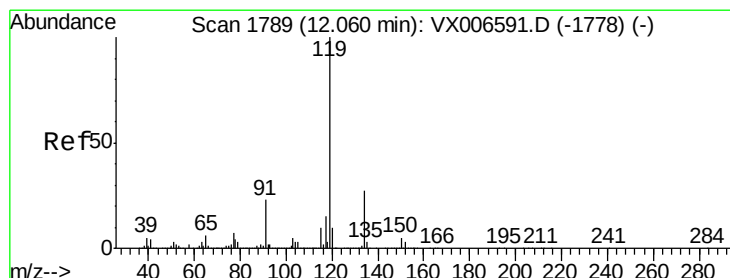
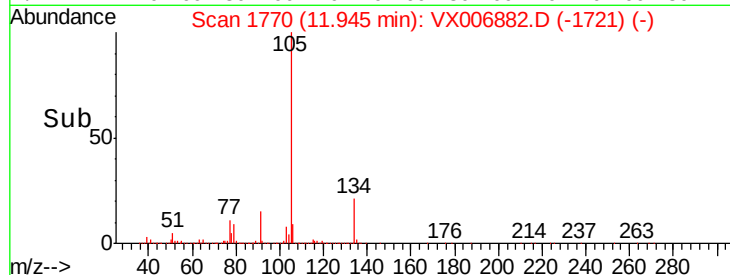
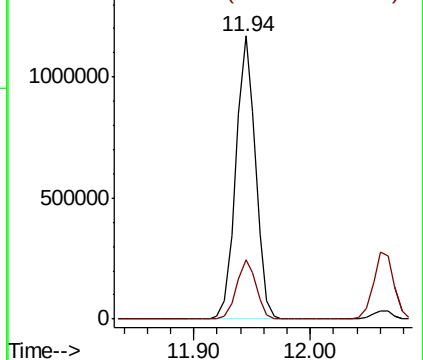
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.855 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

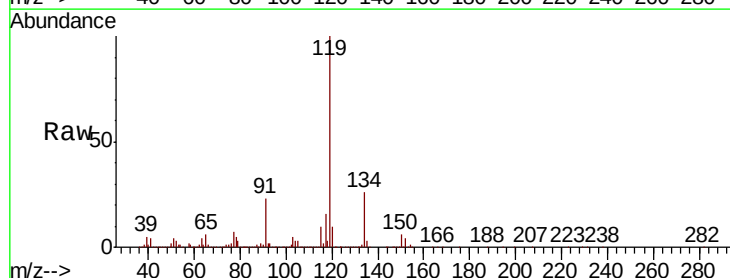
Tgt Ion:119 Resp: 1246134

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

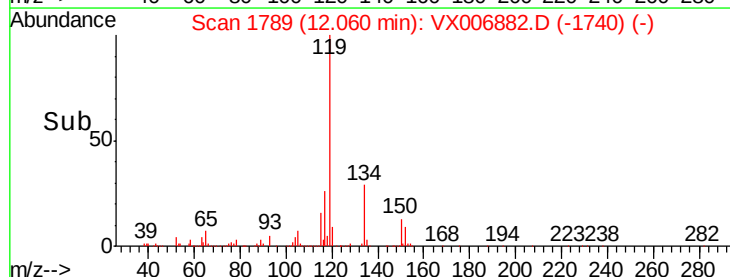
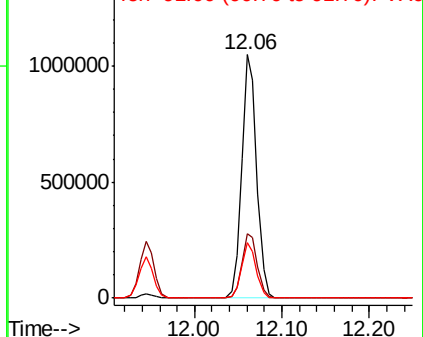
91 22.2 11.3 33.9

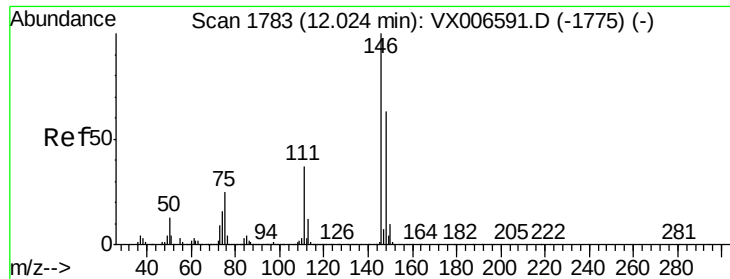


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





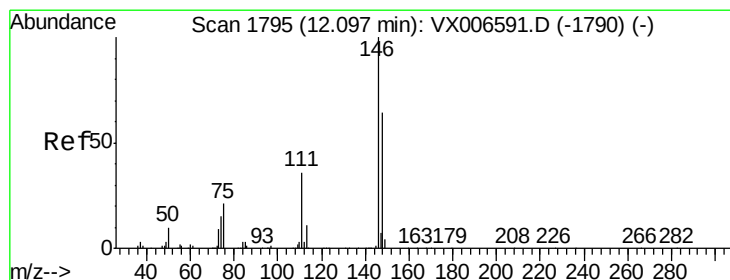
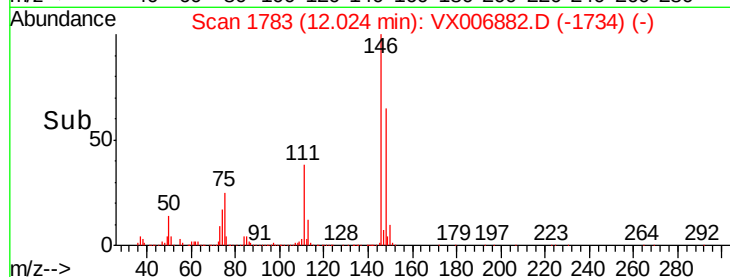
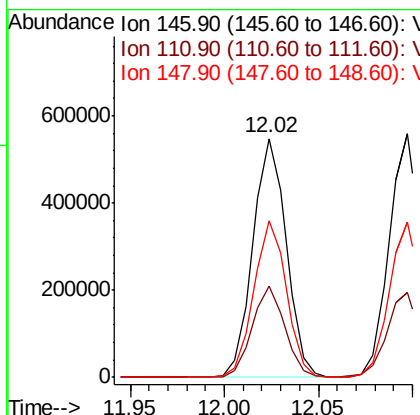
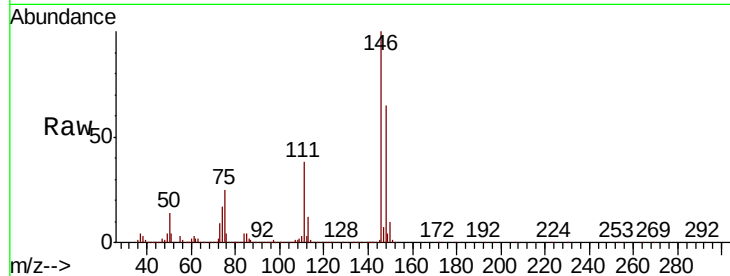
#87
 1,3-Dichlorobenzene
 Concen: 48.303 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	63.9	31.8	95.3

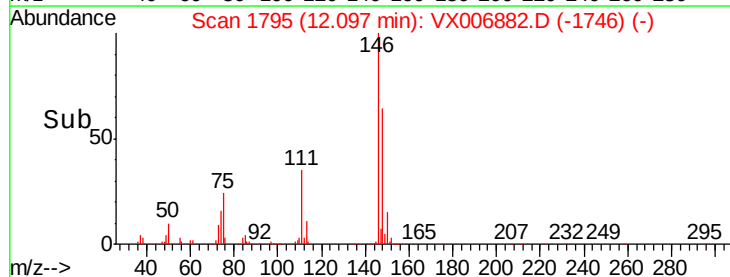
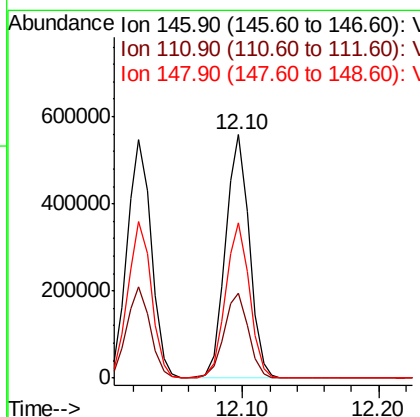
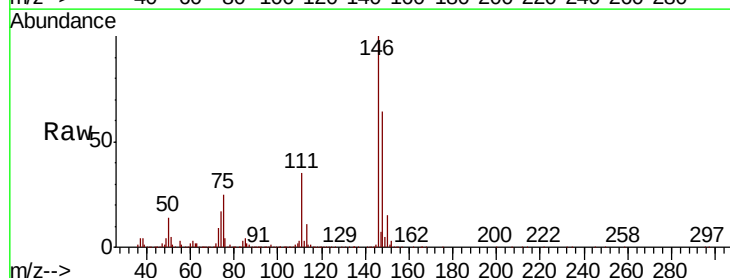
Manual Integrations
 APPROVED

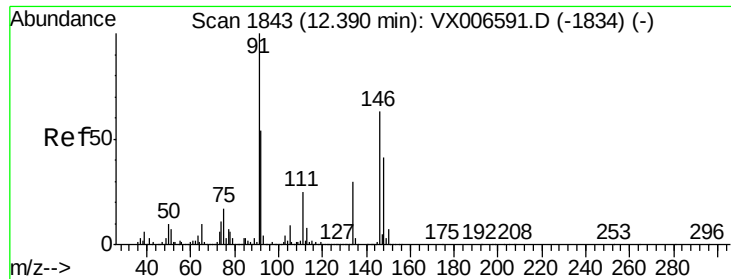
MMDadoda
 1/3/2019 9:43:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.261 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.1
148	63.9	31.9	95.9





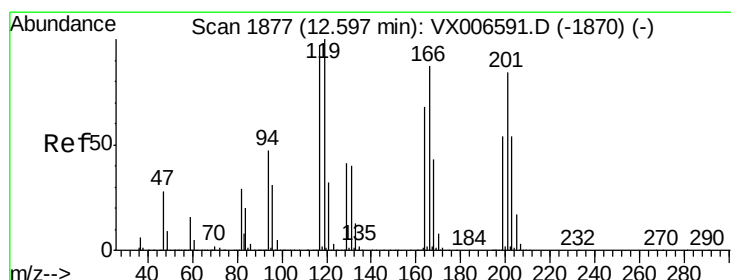
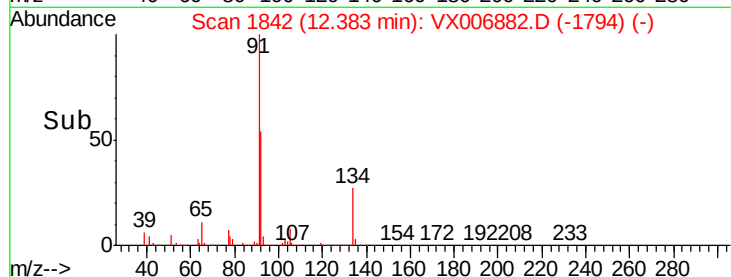
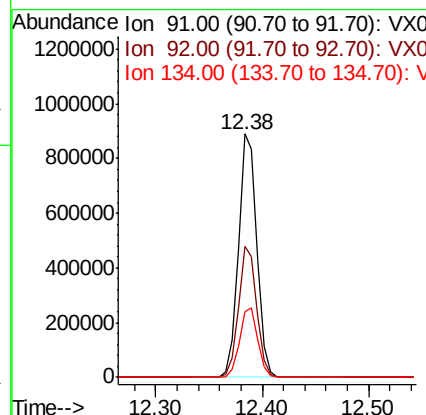
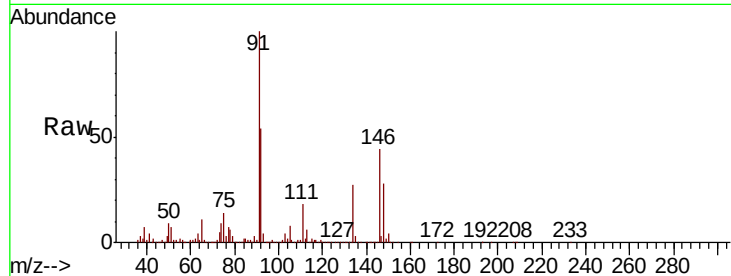
#89
n-Butylbenzene
Concen: 49.260 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.4
134	28.4	14.4	43.2

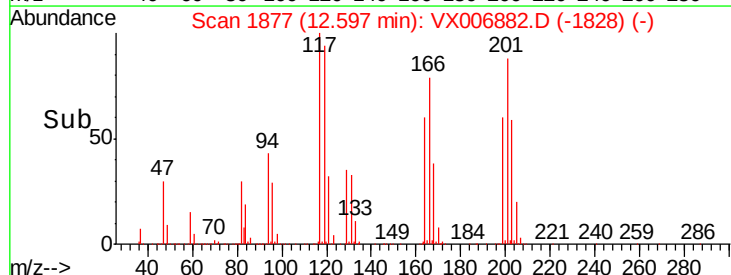
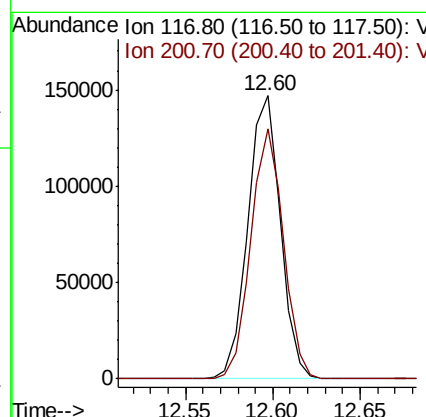
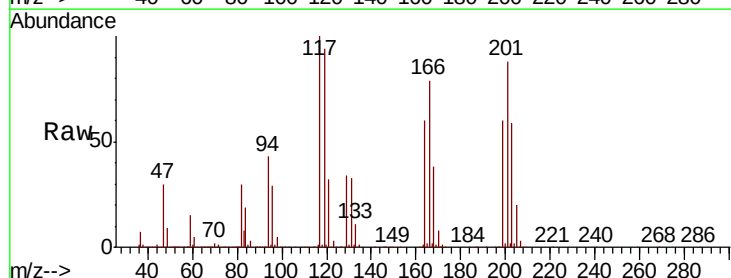
Manual Integrations
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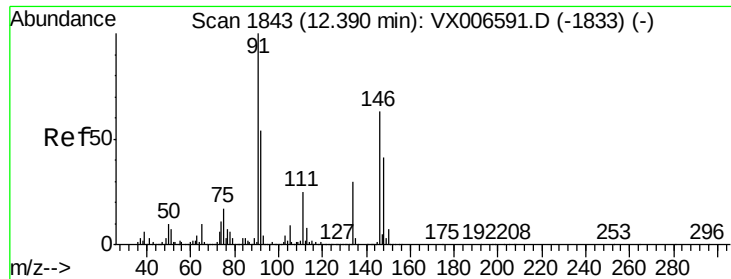
MMDadoda
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#90
Hexachloroethane
Concen: 47.549 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	42.9	128.7





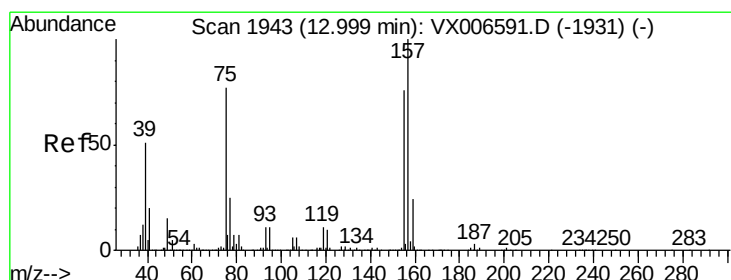
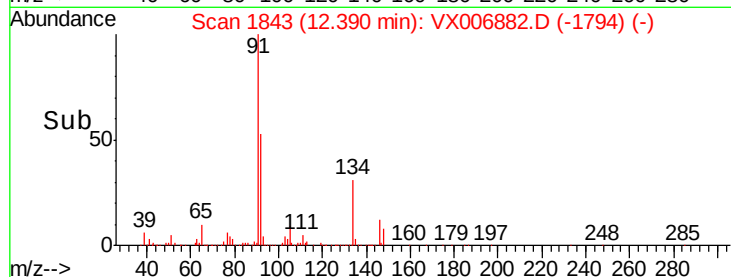
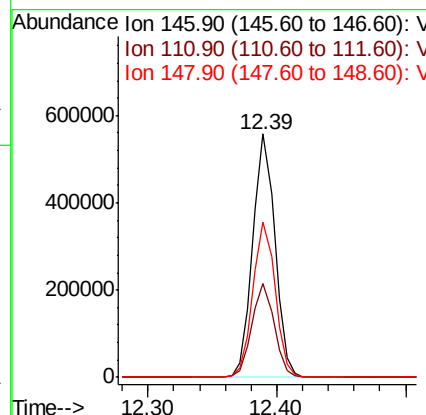
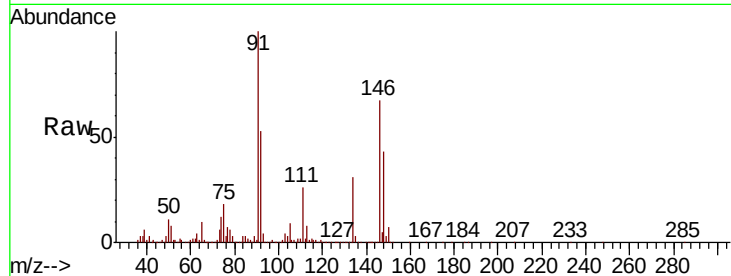
#91
 1,2-Dichlorobenzene
 Concen: 47.134 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	64.1	32.3	96.9

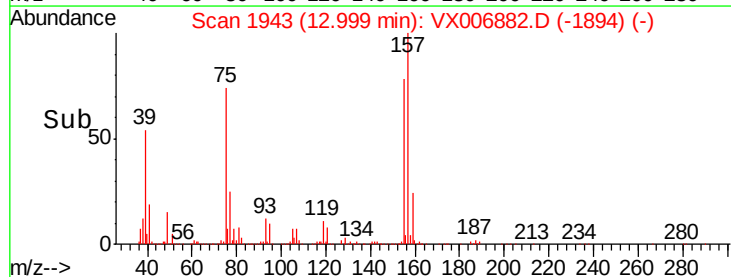
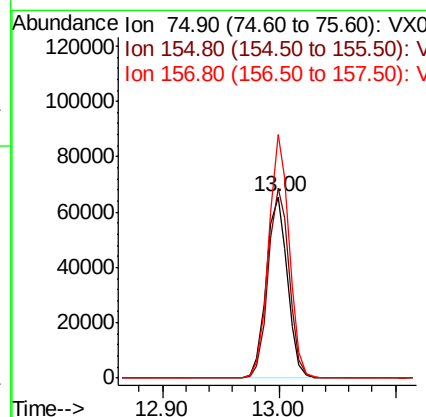
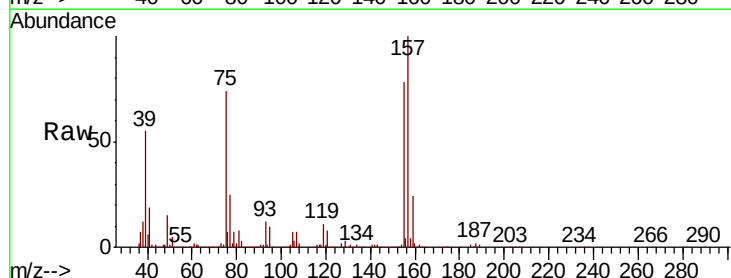
Manual Integrations
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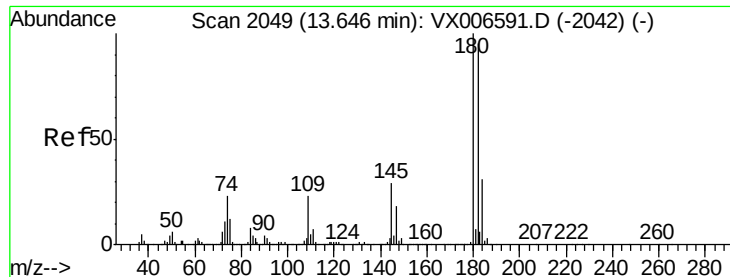
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 1/3/2019 9:43:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.458 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006882.D
 Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.1	50.6	151.8
157	129.3	64.6	193.8





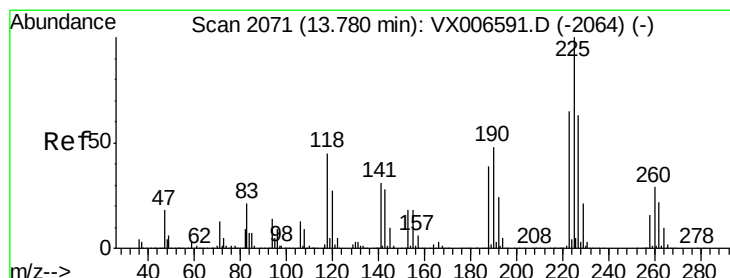
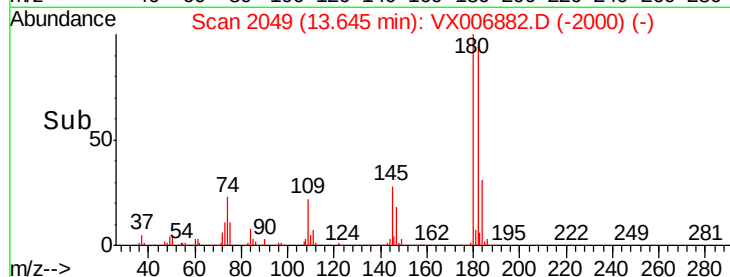
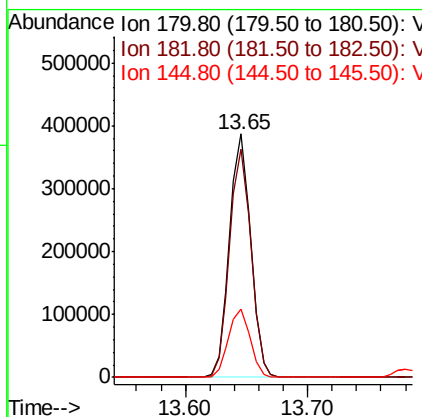
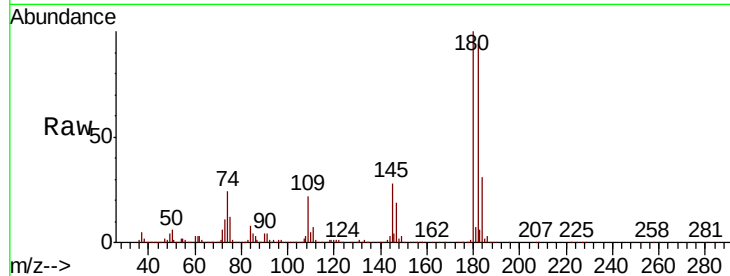
#93
1,2,4-Trichlorobenzene
Concen: 48.129 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	464562		
182	94.5	47.3	142.0	
145	28.7	14.8	44.3	

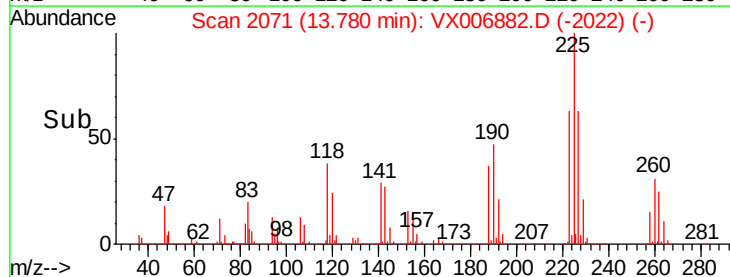
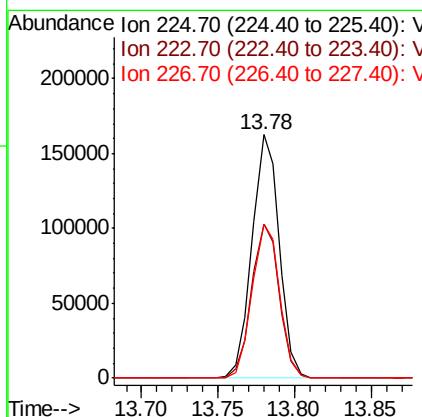
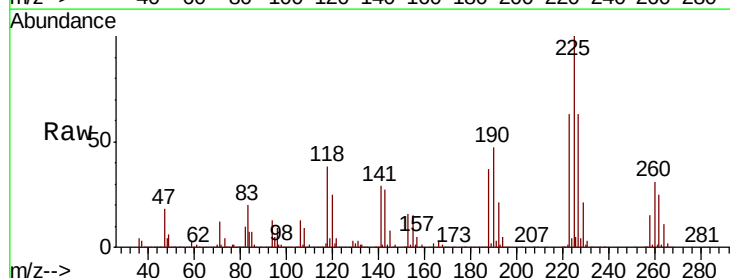
Manual Integrations
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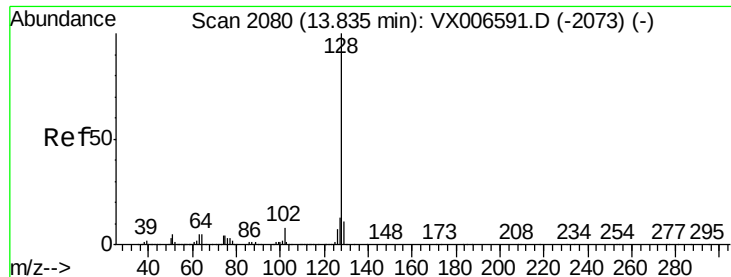
MMDadoda
1/3/2019 9:43:25 AM



#94
Hexachlorobutadiene
Concen: 44.306 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX006882.D
Acq: 02 Jan 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	201574		
223	63.9	32.1	96.3	
227	63.5	32.3	96.8	





#95

Naphthalene

Concen: 44.036 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1356620

Ion Ratio Lower Upper

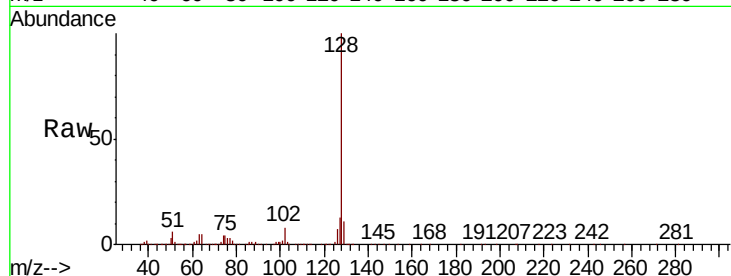
128 100

127 12.9 10.1 15.1

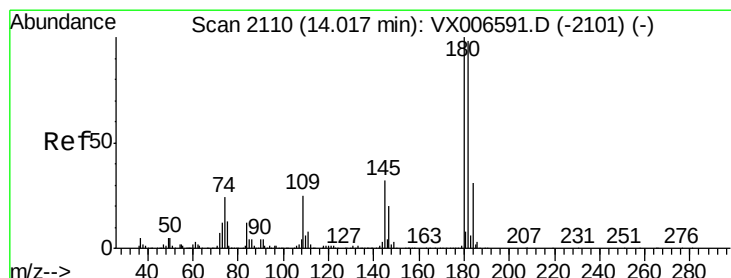
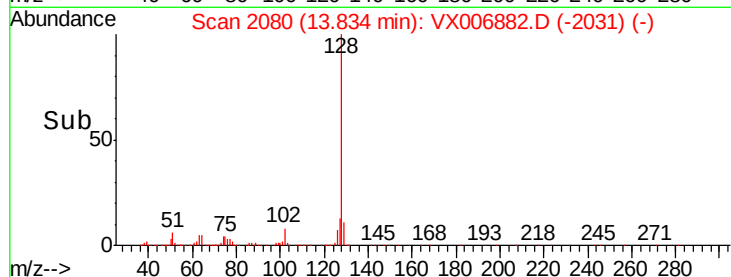
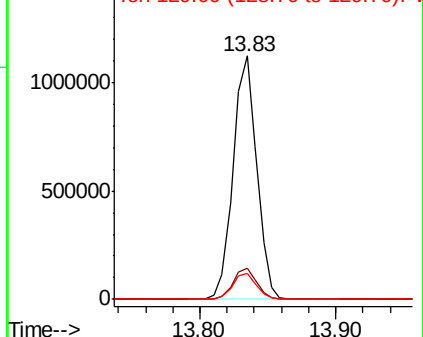
129 11.0 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:25 AM



Abundance Ion 128.00 (127.70 to 128.70): V
1500000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.286 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006882.D

Acq: 02 Jan 2019 17:18

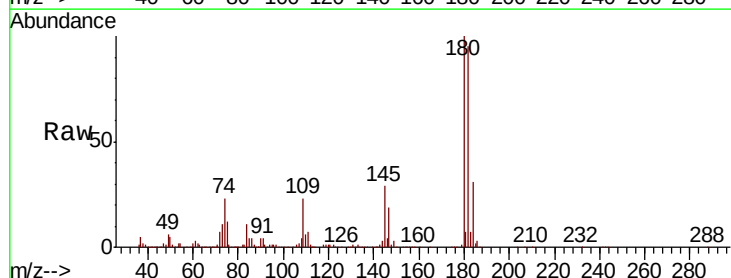
Tgt Ion:180 Resp: 451321

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.5

145 30.0 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V
500000 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

