

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007049.D
 Acq On : 15 Jan 2019 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:19:44 AM

Quant Time: Jan 16 00:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	561634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	801059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	740924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282173	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	262936	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	8.71	98	986933	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.13	95	361410	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	260486	56.479	ug/l	97
3) Chloromethane	1.33	50	279618	52.079	ug/l	98
4) Vinyl Chloride	1.41	62	308038	53.335	ug/l	100
5) Bromomethane	1.64	94	306406	49.656	ug/l	98
6) Chloroethane	1.71	64	195484	48.474	ug/l	96
7) Trichlorofluoromethane	1.93	101	484753	51.945	ug/l	96
8) Diethyl Ether	2.19	74	182379	49.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	296270	53.029	ug/l	100
10) Methyl Iodide	2.51	142	436753	57.953	ug/l	100
11) Tert butyl alcohol	3.07	59	343897	248.375	ug/l	99
12) 1,1-Dichloroethene	2.38	96	263871	51.119	ug/l	96
13) Acrolein	2.30	56	151414	253.517	ug/l	98
14) Allyl chloride	2.73	41	458354	51.812	ug/l	100
15) Acrylonitrile	3.15	53	804778	253.193	ug/l	100
16) Acetone	2.45	43	772287	266.148	ug/l	100
17) Carbon Disulfide	2.57	76	652020	49.062	ug/l	99
18) Methyl Acetate	2.78	43	418774	49.835	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	910695	50.831	ug/l	98
20) Methylene Chloride	2.86	84	294069	53.320	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	281884	49.003	ug/l	97
22) Diisopropyl ether	3.87	45	854029	51.351	ug/l	94
23) Vinyl Acetate	3.82	43	3632782	259.014	ug/l	100
24) 1,1-Dichloroethane	3.70	63	506198	54.432	ug/l	97
25) 2-Butanone	4.70	43	1071591	258.094	ug/l	99
26) 2,2-Dichloropropane	4.59	77	387400	54.174	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	317634	50.061	ug/l	97
28) Bromochloromethane	5.02	49	200972	49.325	ug/l	97
29) Tetrahydrofuran	5.15	42	672683	249.304	ug/l	98
30) Chloroform	5.21	83	501451	51.502	ug/l	97
31) Cyclohexane	5.57	56	433973	52.431	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	434191	52.611	ug/l	98
36) 1,1-Dichloropropene	5.80	75	373034	53.562	ug/l	99
37) Ethyl Acetate	4.85	43	391800	52.473	ug/l	99
38) Carbon Tetrachloride	5.78	117	385683	55.041	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	482114	54.300	ug/l	99
40) Benzene	6.14	78	1122042	52.800	ug/l	100
41) Methacrylonitrile	5.06	41	222189	51.655	ug/l	98
42) 1,2-Dichloroethane	6.20	62	380588	51.826	ug/l	99
43) Isopropyl Acetate	6.46	43	642175	54.525	ug/l	98
44) Trichloroethene	7.21	130	333401	52.355	ug/l	98
45) 1,2-Dichloropropane	7.51	63	288210	53.946	ug/l	96
46) Dibromomethane	7.66	93	204314	54.415	ug/l	98
47) Bromodichloromethane	7.90	83	367315	57.472	ug/l	97
48) Methyl methacrylate	7.77	41	329346	54.453	ug/l	97
49) 1,4-Dioxane	7.75	88	153271	1110.617	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2112129	279.050	ug/l	98
52) Toluene	8.78	92	737292	53.980	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	421072	59.415	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	455058	58.144	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	308323	56.396	ug/l	99
56) Ethyl methacrylate	9.18	69	454414	56.935	ug/l	95
57) 1,3-Dichloropropane	9.37	76	484610	54.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1196850	291.659	ug/l	98
59) 2-Hexanone	9.49	43	1617476	280.422	ug/l	99
60) Dibromochloromethane	9.58	129	329758	62.117	ug/l	97
61) 1,2-Dibromoethane	9.67	107	333502	55.411	ug/l	99
64) Tetrachloroethene	9.34	164	340267	53.045	ug/l	97
65) Chlorobenzene	10.14	112	874689	54.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	316961	58.305	ug/l	99
67) Ethyl Benzene	10.25	91	1459952	54.725	ug/l	98
68) m/p-Xylenes	10.36	106	1165380	110.875	ug/l	99
69) o-Xylene	10.69	106	565918	55.208	ug/l	98
70) Styrene	10.71	104	921553	56.764	ug/l	99
71) Bromoform	10.86	173	249167	51.114	ug/l	99
73) Isopropylbenzene	11.02	105	1501278	53.405	ug/l	99
74) N-amyl acetate	10.90	43	590189	52.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	448446	50.250	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	426717m	52.820	ug/l	
77) Bromobenzene	11.26	156	407272	52.580	ug/l	99
78) n-propylbenzene	11.36	91	1722484	55.816	ug/l	99
79) 2-Chlorotoluene	11.42	91	982301	52.879	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1252909	53.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	136904	51.055	ug/l	96
82) 4-Chlorotoluene	11.51	91	1172213	54.500	ug/l	100
83) tert-Butylbenzene	11.77	119	1275371	54.420	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1291377	54.672	ug/l	100
85) sec-Butylbenzene	11.94	105	1543180	55.136	ug/l	100
86) p-Isopropyltoluene	12.06	119	1394070	55.685	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	738319	52.736	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	737179	55.557	ug/l	99
89) n-Butylbenzene	12.39	91	1217350	57.042	ug/l	99
90) Hexachloroethane	12.60	117	215803	53.763	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	719799	52.098	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92664	52.500	ug/l	97

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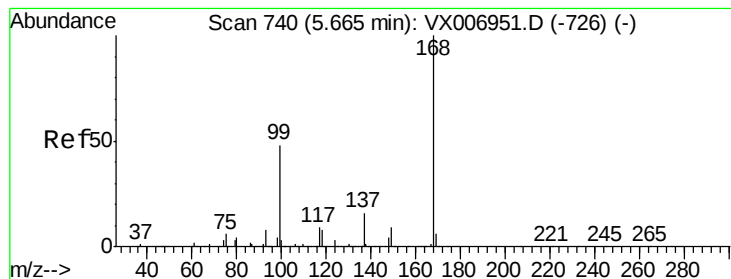
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	521237	54.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	240409	57.153	ug/l	98
95) Naphthalene	13.83	128	1533768	53.399	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	509881	54.149	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 561634

Ion Ratio Lower Upper

168 100

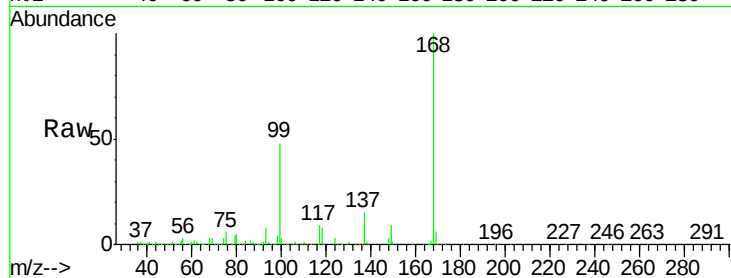
99 48.2 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

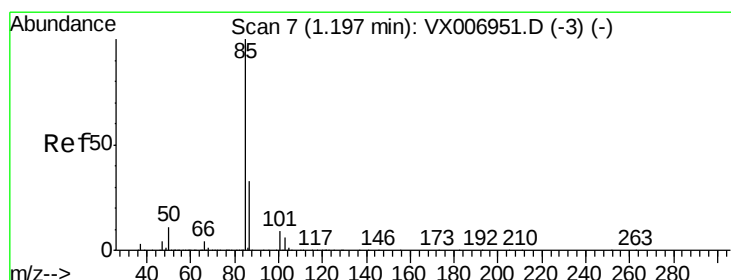
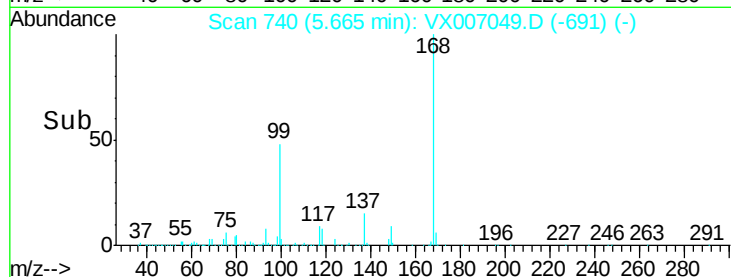
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 56.479 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007049.D

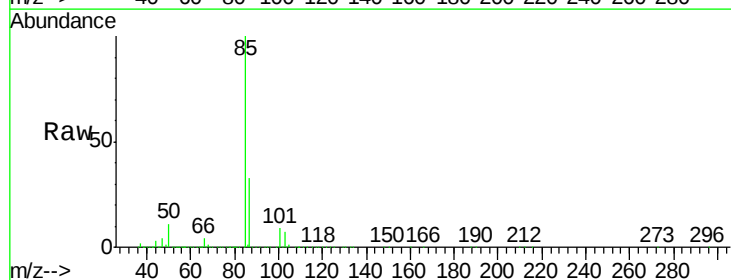
Acq: 15 Jan 2019 10:46

Tgt Ion: 85 Resp: 260486

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

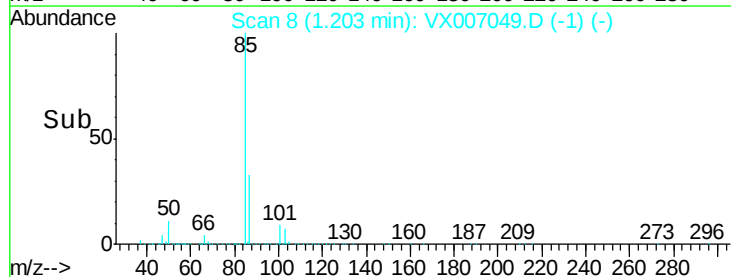
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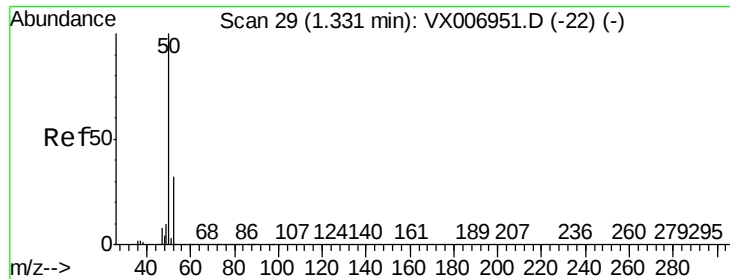
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.079 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 279618

Ion Ratio Lower Upper

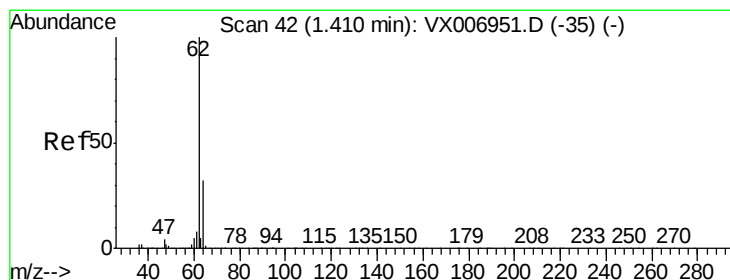
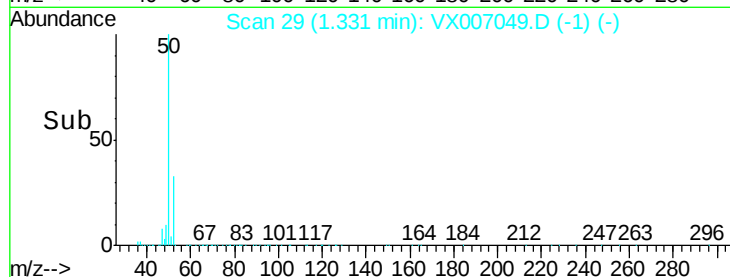
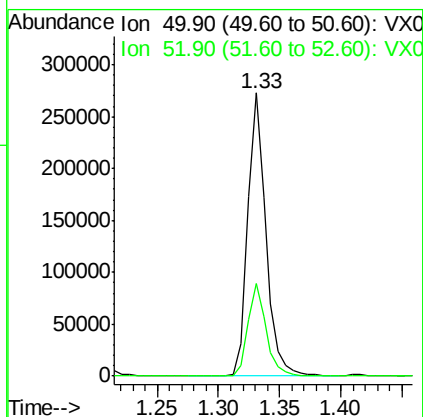
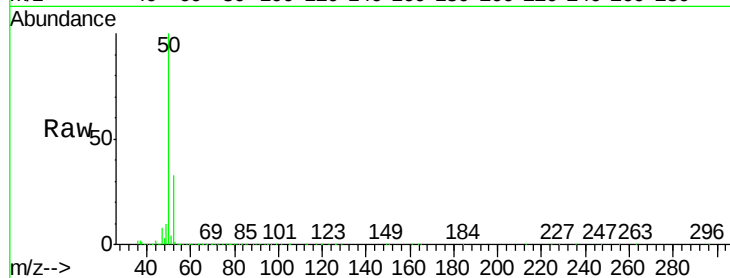
50 100

52 32.8 25.4 38.2

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#4

Vinyl Chloride

Concen: 53.335 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007049.D

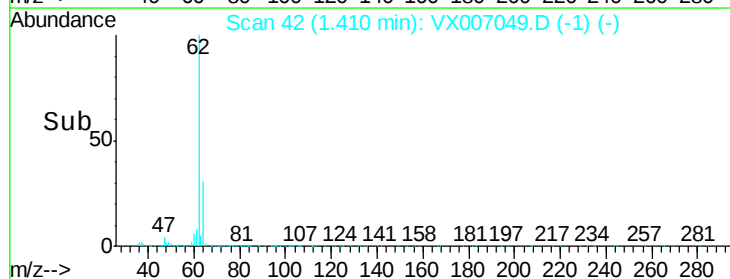
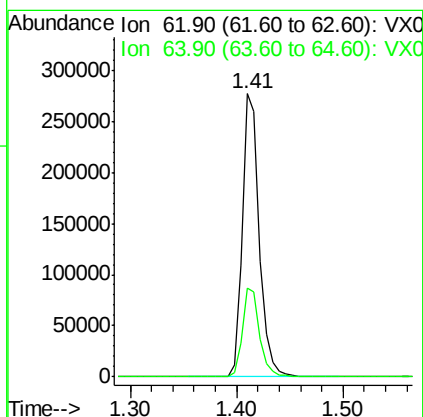
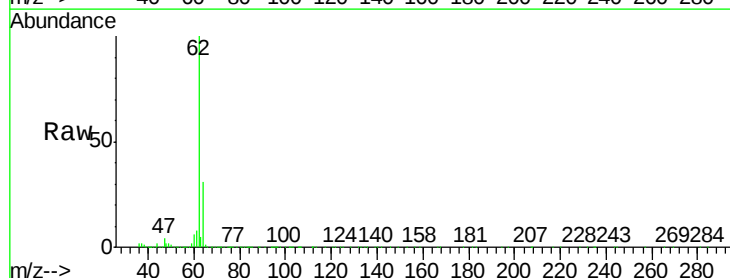
Acq: 15 Jan 2019 10:46

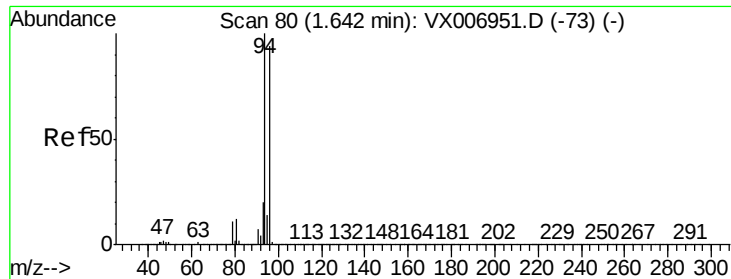
Tgt Ion: 62 Resp: 308038

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 49.656 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 306406

Ion Ratio Lower Upper

94 100

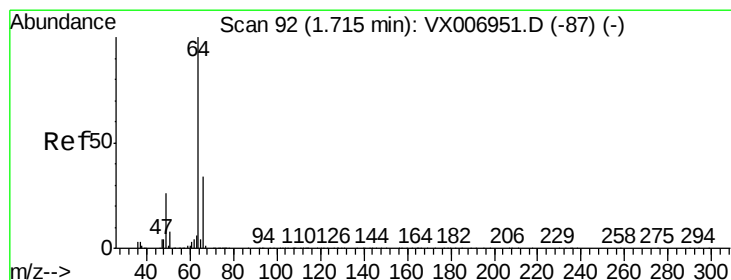
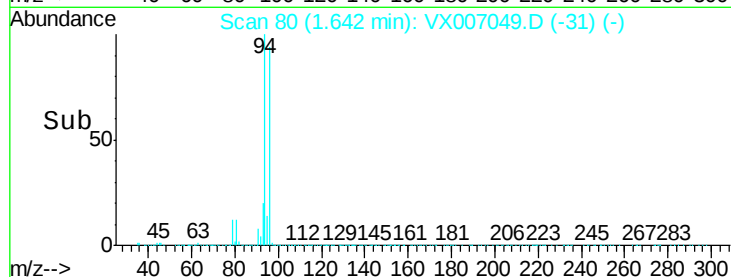
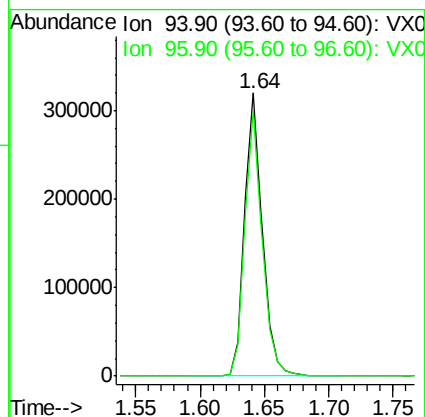
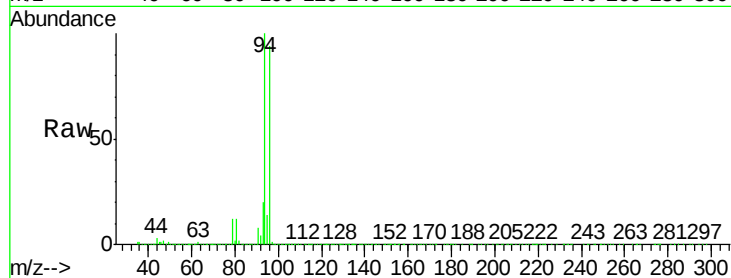
96 94.0 73.4 110.2

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#6

Chloroethane

Concen: 48.474 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007049.D

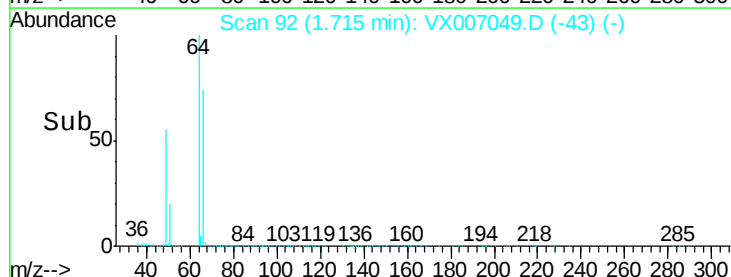
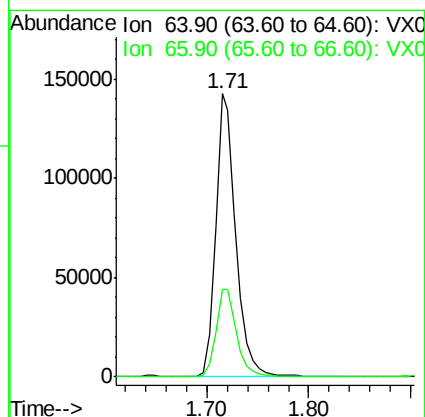
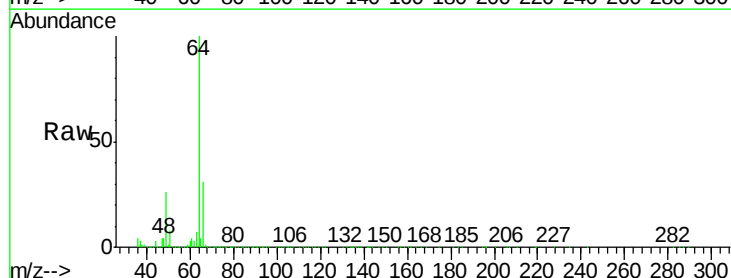
Acq: 15 Jan 2019 10:46

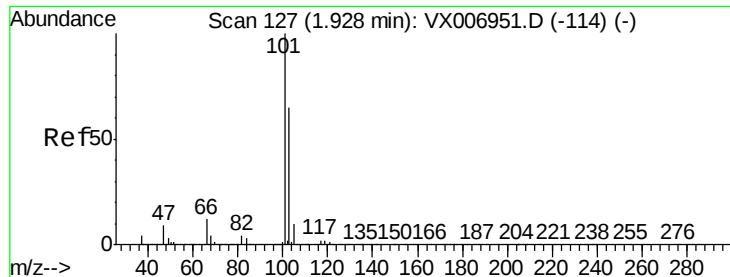
Tgt Ion: 64 Resp: 195484

Ion Ratio Lower Upper

64 100

66 31.0 26.4 39.6





#7

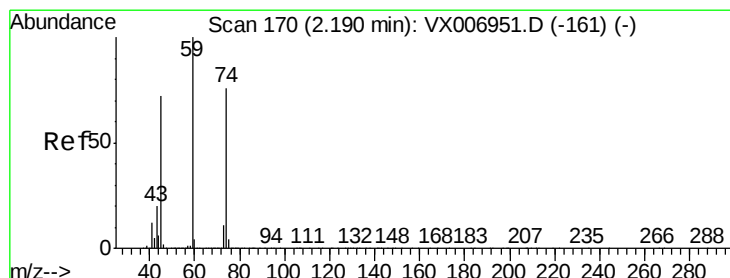
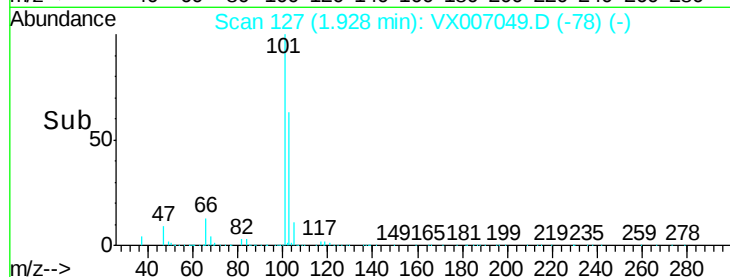
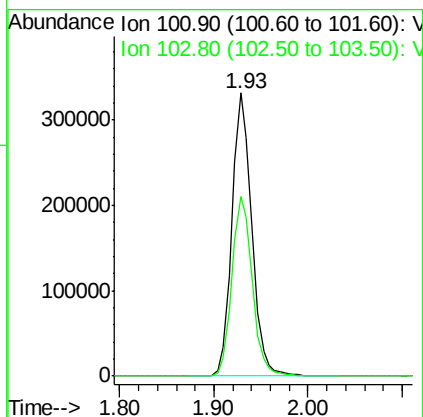
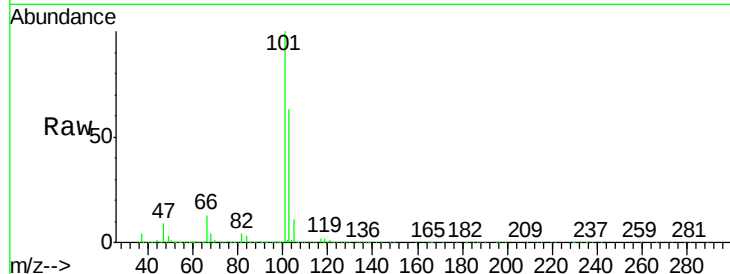
Trichlorofluoromethane
Concen: 51.945 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	53.2	79.8

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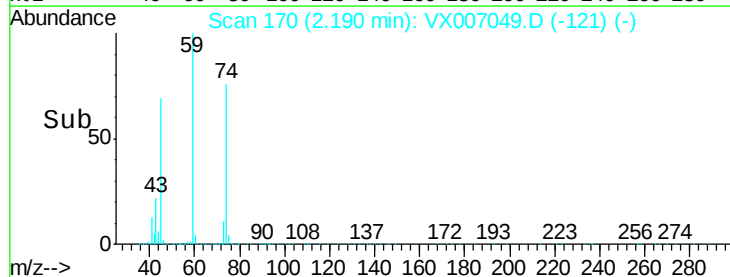
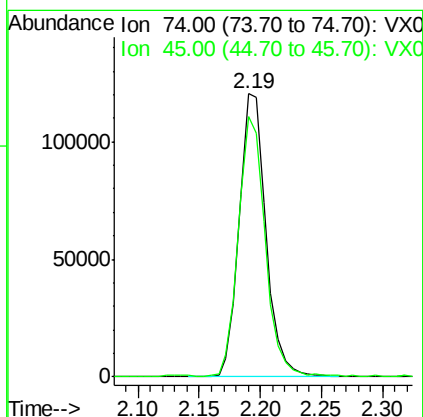
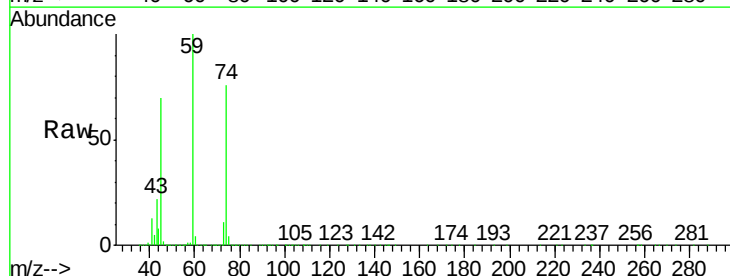
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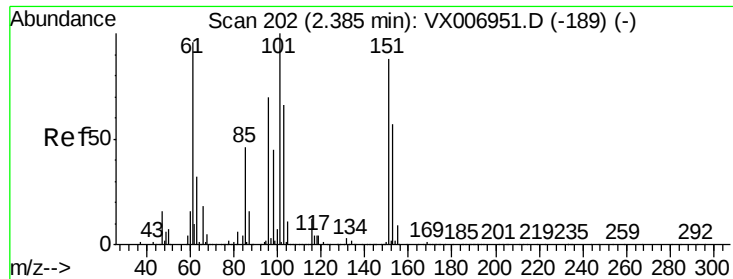


#8

Diethyl Ether
Concen: 49.124 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.029 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

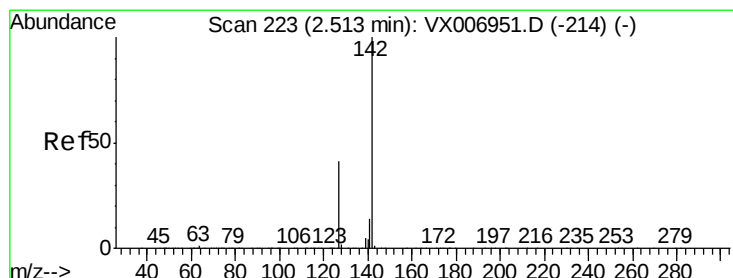
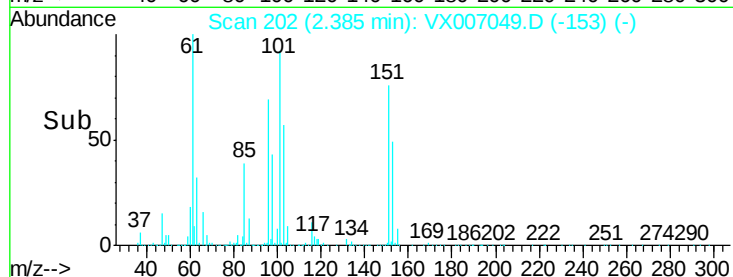
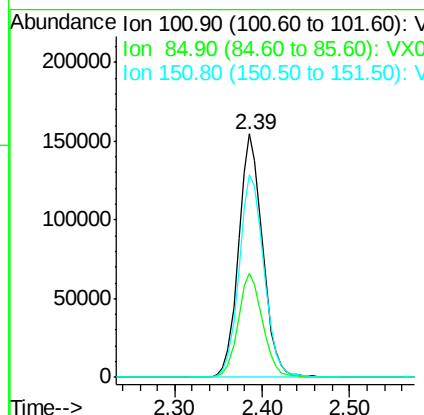
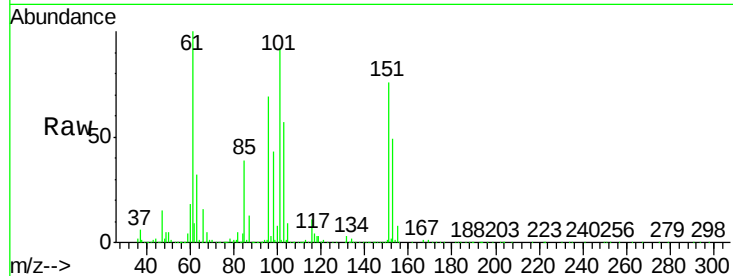
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	296270
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.1	52.7
151	86.5	68.9	103.3

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1/16/2019 9:19:44 AM



#10

Methyl Iodide

Concen: 57.953 ug/l

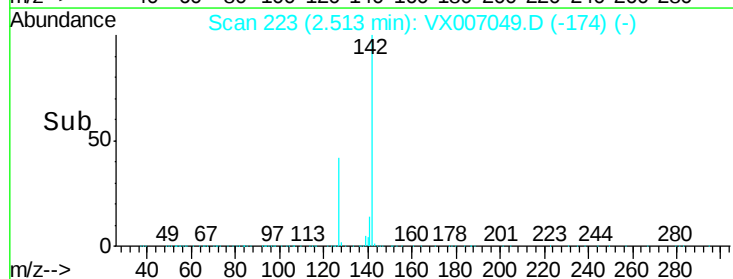
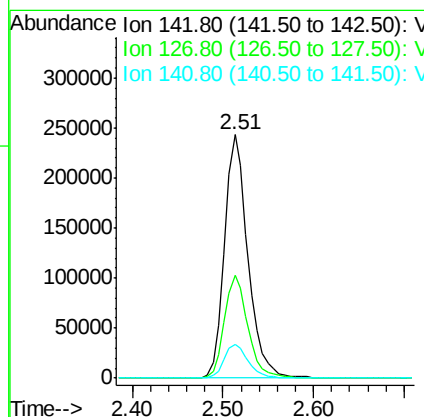
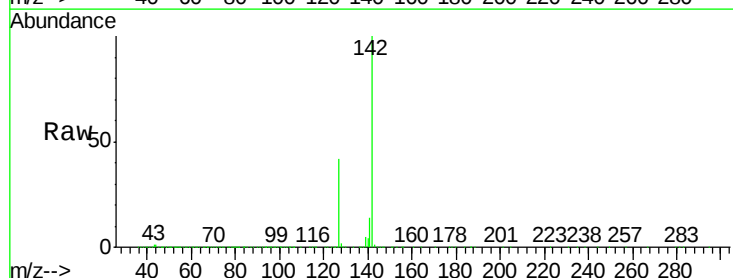
RT: 2.51 min Scan# 223

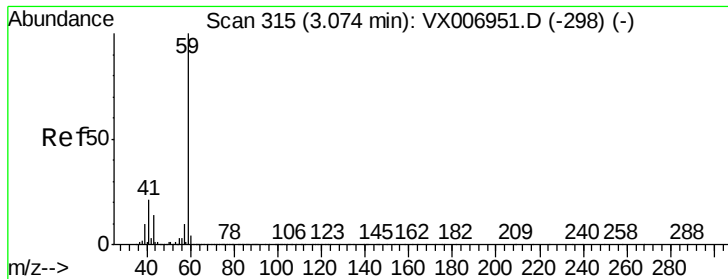
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:	142	Resp:	436753
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.9	50.9
141	14.3	11.4	17.0





#11

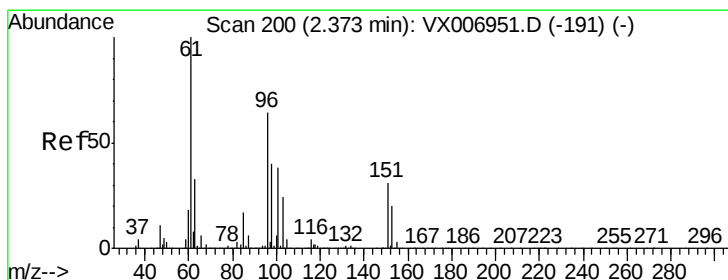
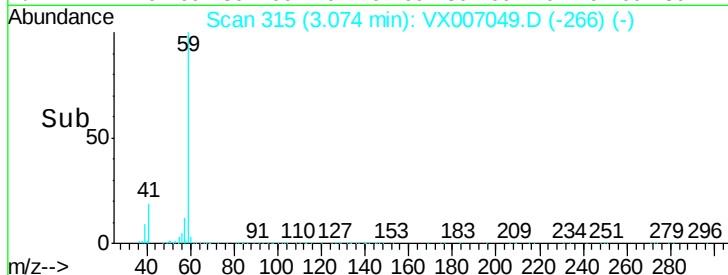
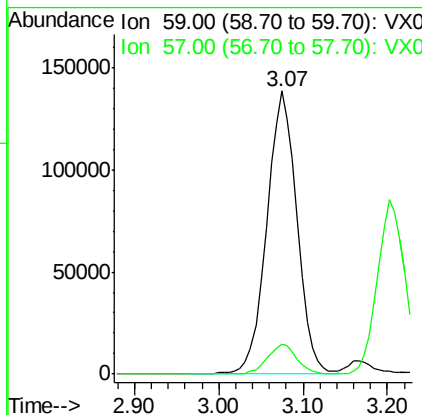
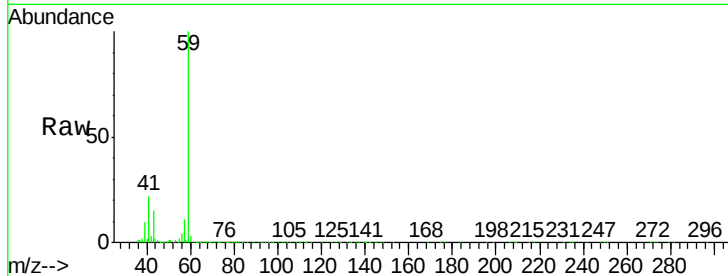
Tert butyl alcohol
Concen: 248.375 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

Manual Integrations
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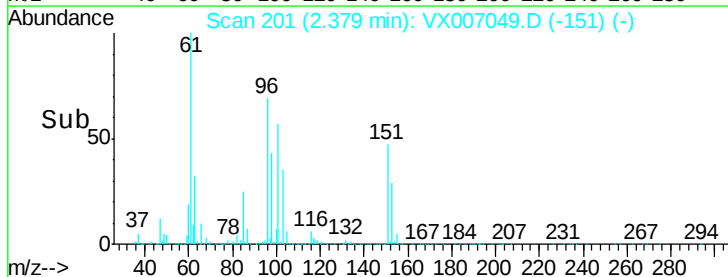
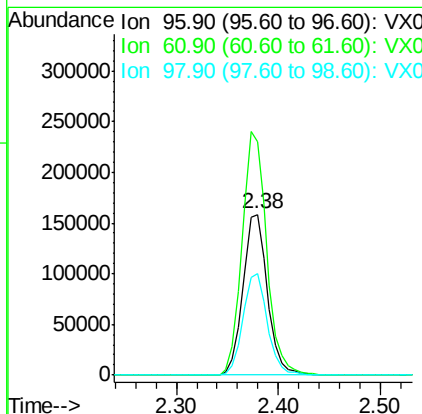
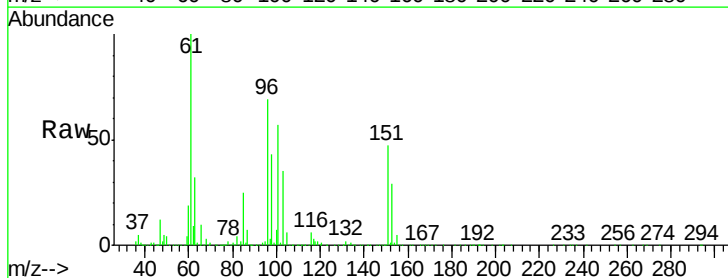
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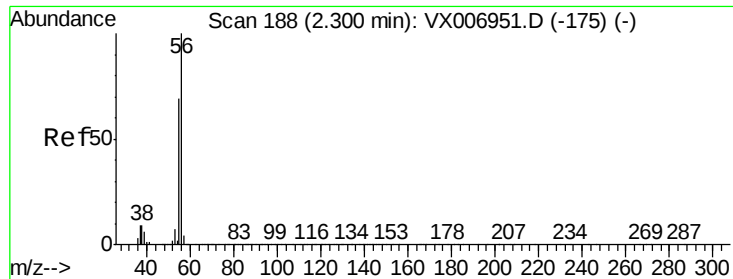


#12

1,1-Dichloroethene
Concen: 51.119 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.2	121.4	182.2
98	63.1	51.9	77.9





#13

Acrolein

Concen: 253.517 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 151414

Ion Ratio Lower Upper

56 100

55 71.5

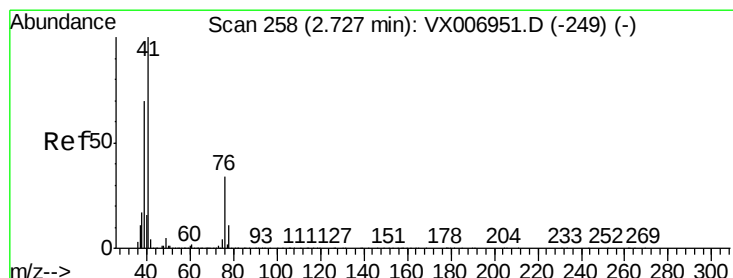
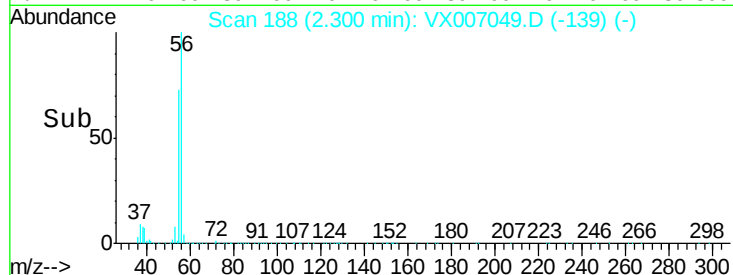
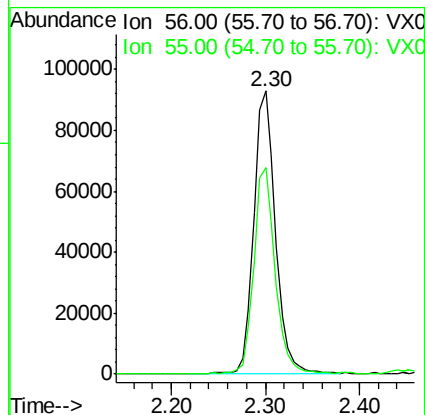
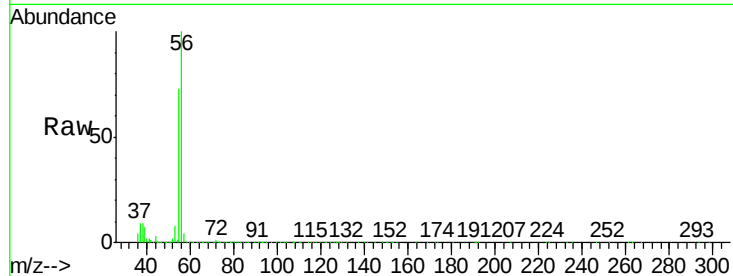
58.2

87.4

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#14

Allyl chloride

Concen: 51.812 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion: 41 Resp: 458354

Ion Ratio Lower Upper

41 100

39 66.9

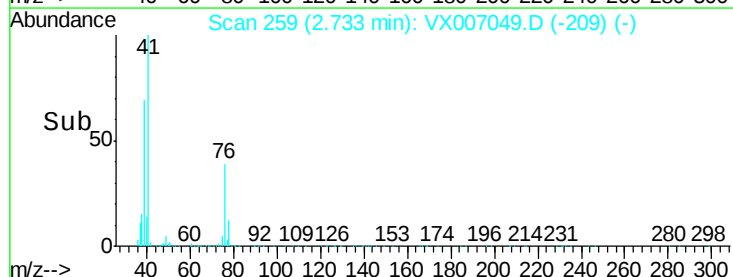
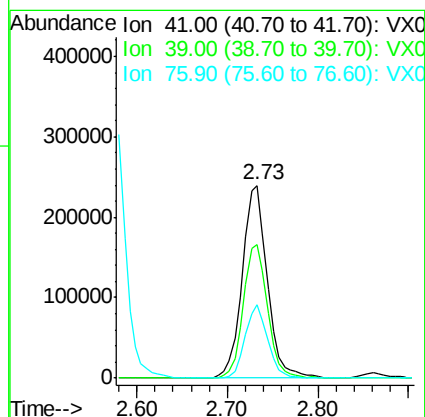
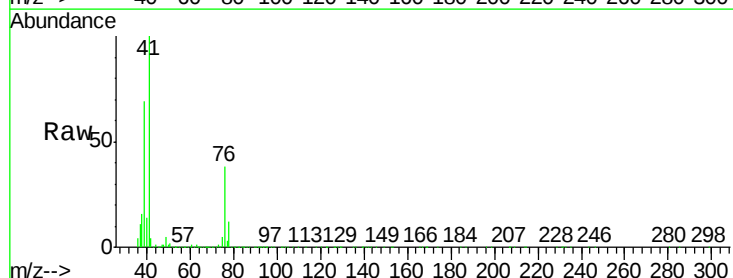
53.6

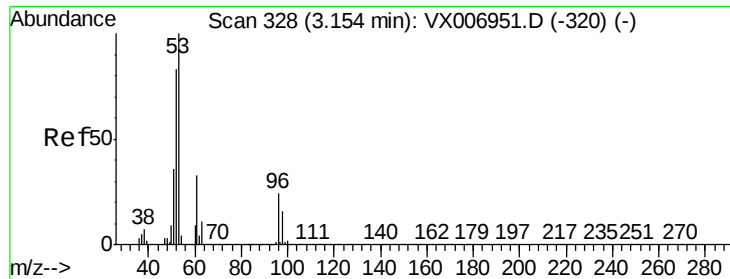
80.4

76 34.2

27.4

41.2





#15

Acrylonitrile

Concen: 253.193 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

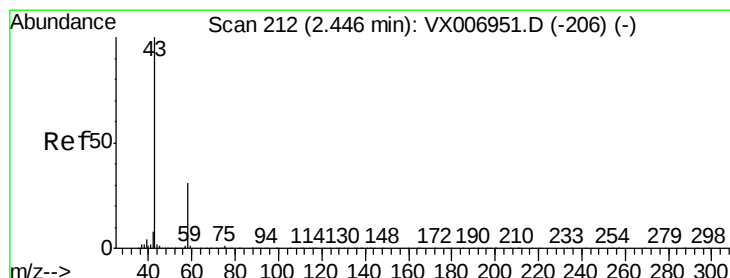
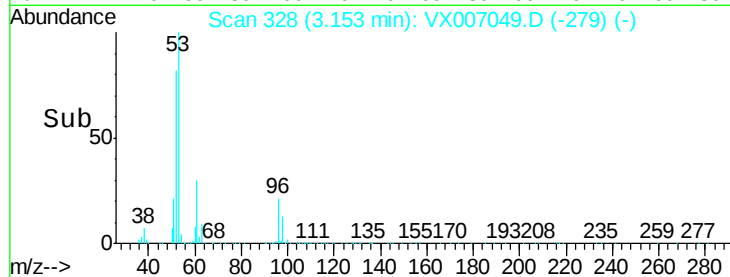
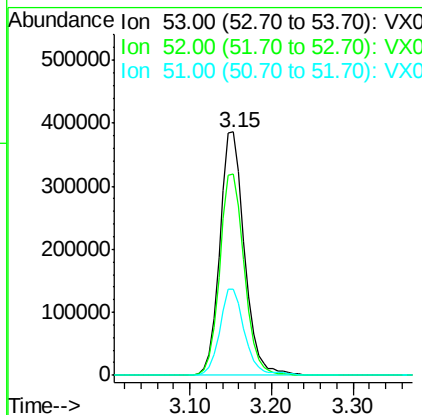
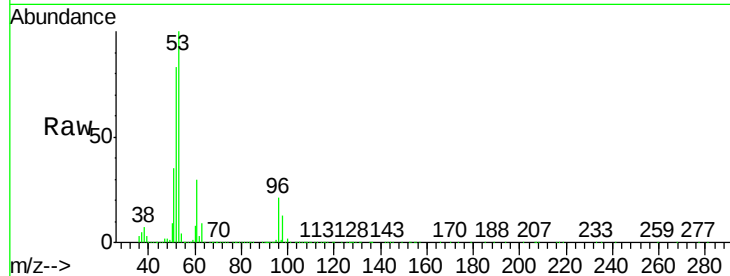
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	804778
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.0	99.0
51	35.6	28.6	42.8

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#16

Acetone

Concen: 266.148 ug/l

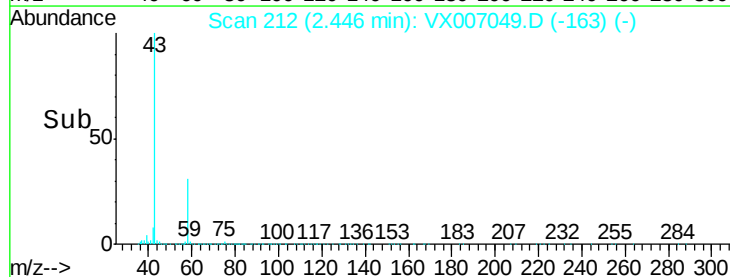
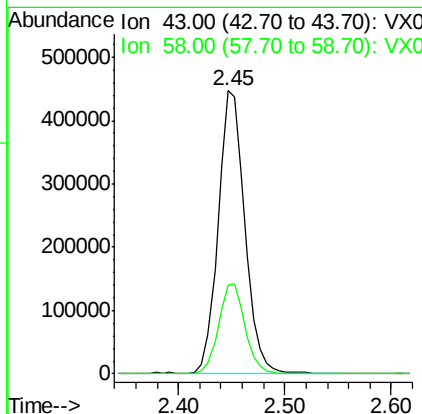
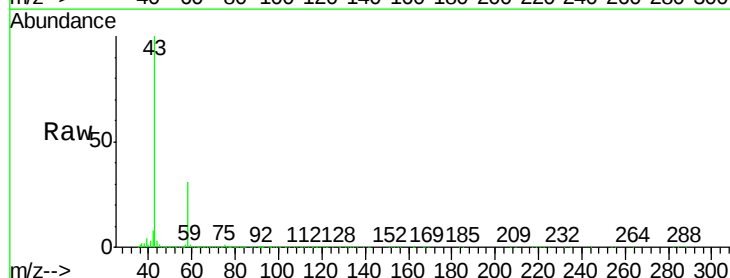
RT: 2.45 min Scan# 212

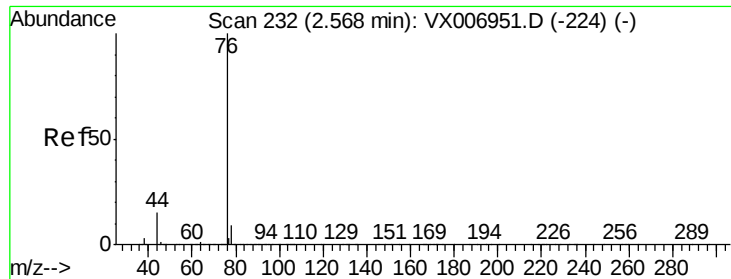
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:	43	Resp:	772287
Ion Ratio		Lower	Upper
43	100		
58	31.4	25.0	37.6





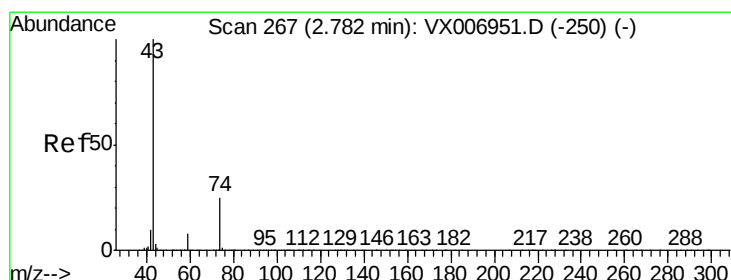
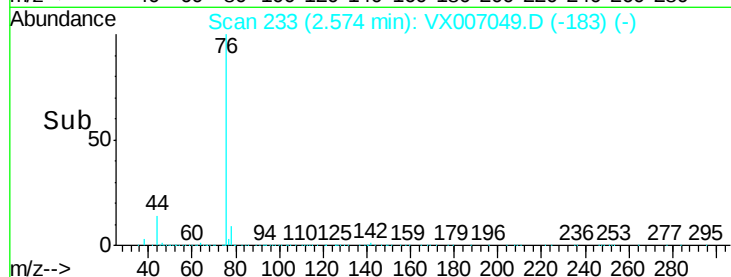
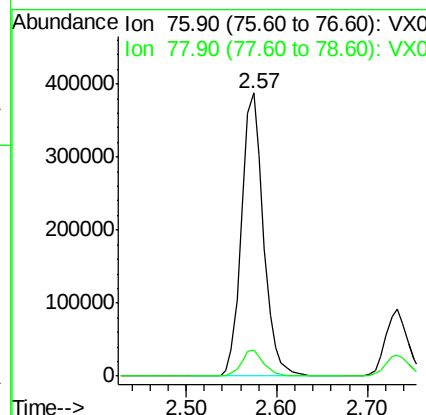
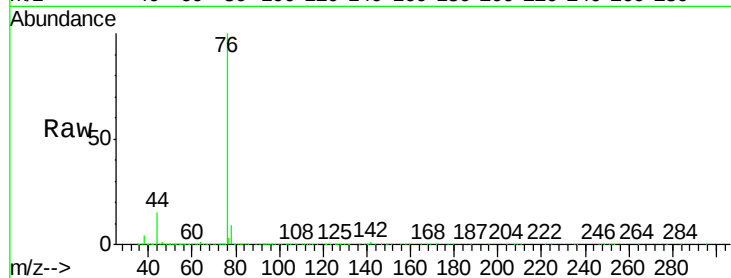
#17
Carbon Disulfide
Concen: 49.062 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

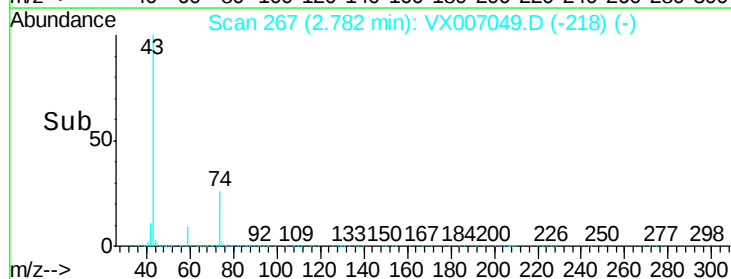
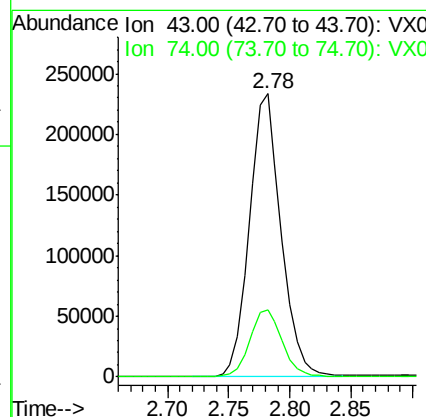
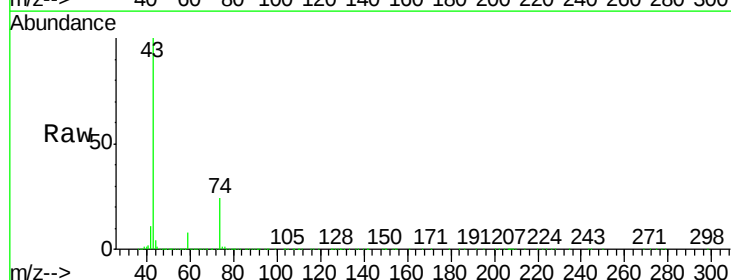
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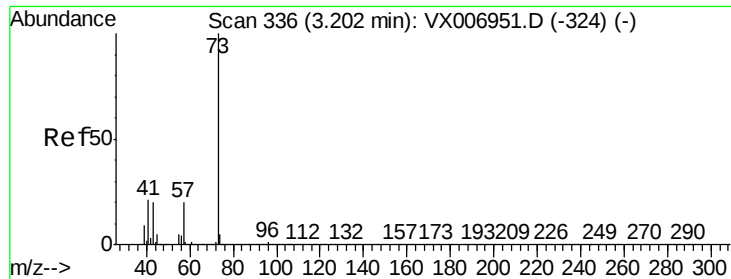
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#18
Methyl Acetate
Concen: 49.835 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	18.6	28.0





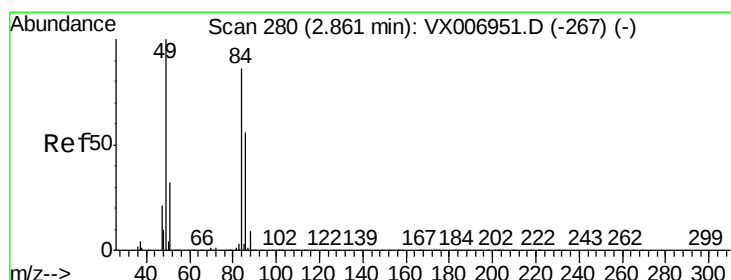
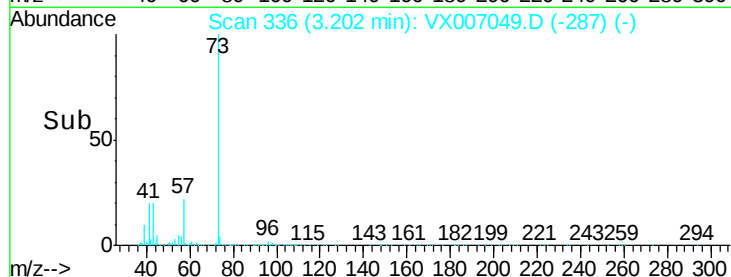
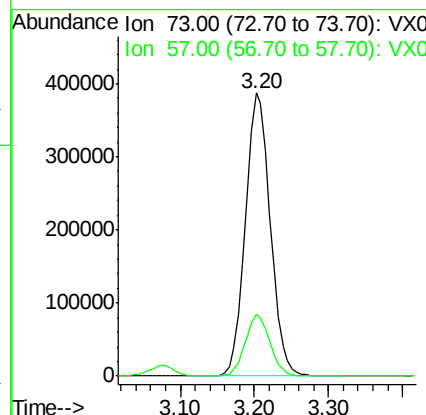
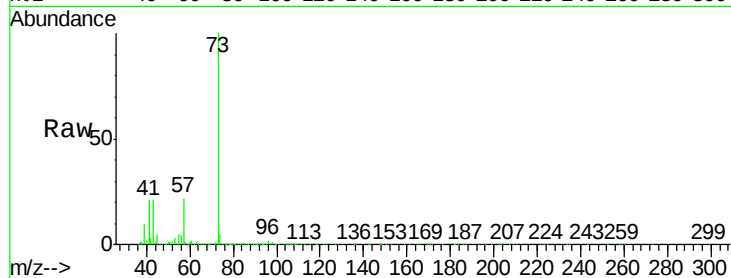
#19
Methvl tert-butvl Ether
Concen: 50.831 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

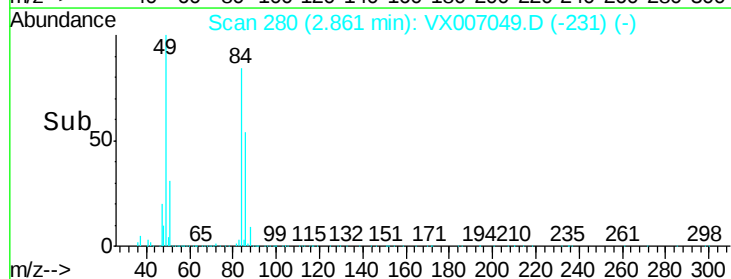
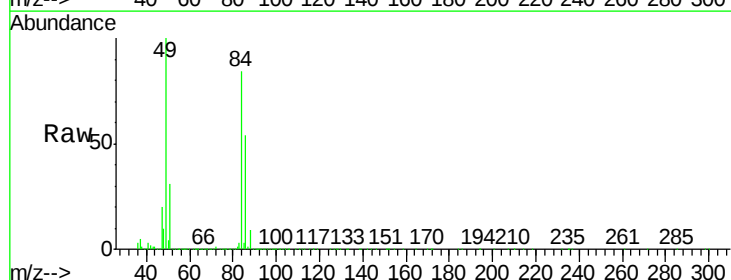
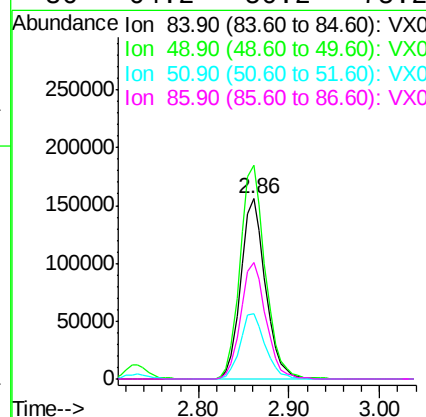
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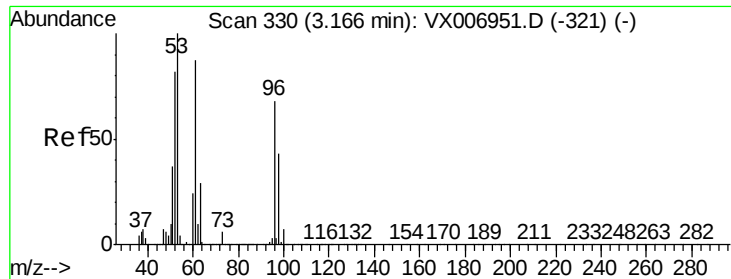
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#20
Methylene Chloride
Concen: 53.320 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.2	91.8	137.6
51	36.4	28.5	42.7
86	64.2	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 49.003 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

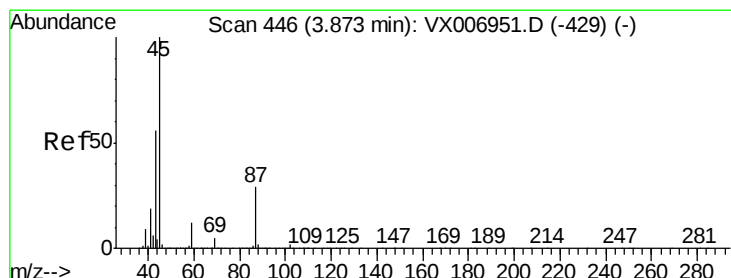
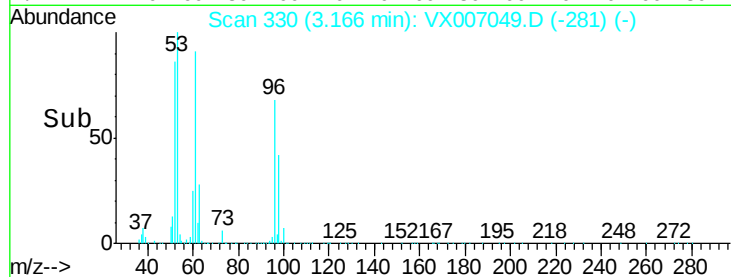
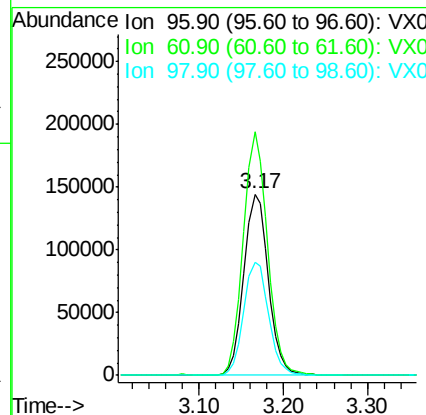
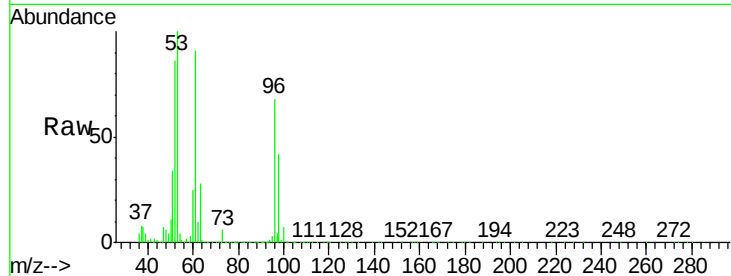
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	281884
Ion Ratio	Lower	Upper	
96	100		
61	134.3	103.7	155.5
98	62.4	51.0	76.6

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#22

Diisopropyl ether

Concen: 51.351 ug/l

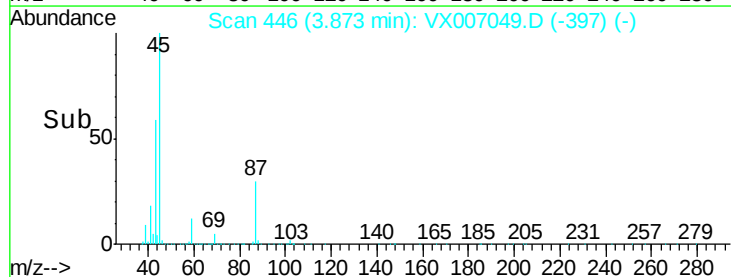
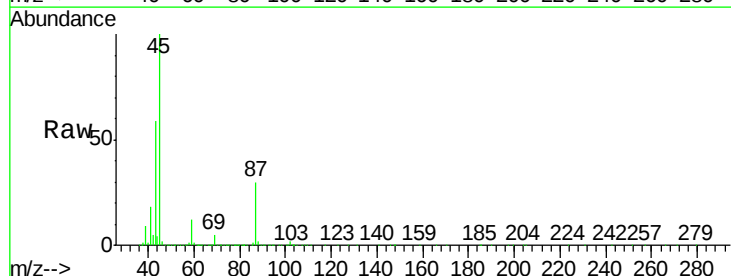
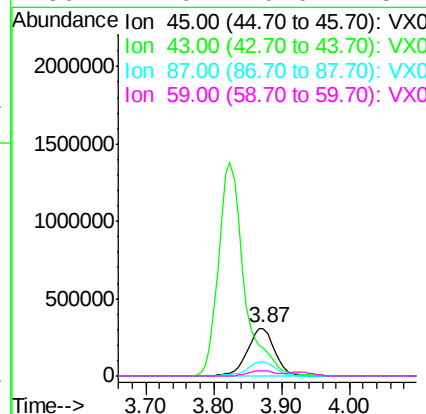
RT: 3.87 min Scan# 446

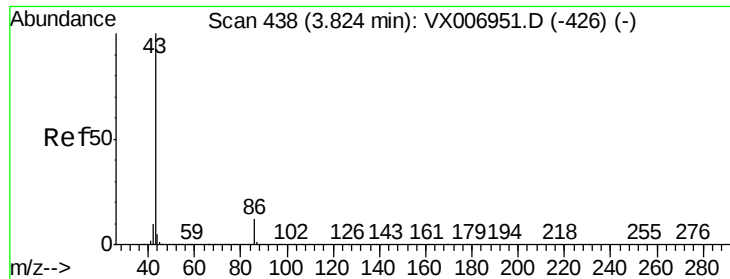
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:	45	Resp:	854029
Ion Ratio	Lower	Upper	
45	100		
43	58.3	51.2	76.8
87	29.8	25.8	38.6
59	12.0	9.0	13.4





#23

Vinyl Acetate

Concen: 259.014 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3632782

Ion Ratio Lower Upper

43 100

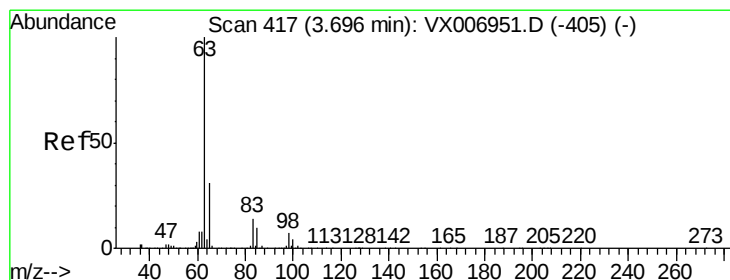
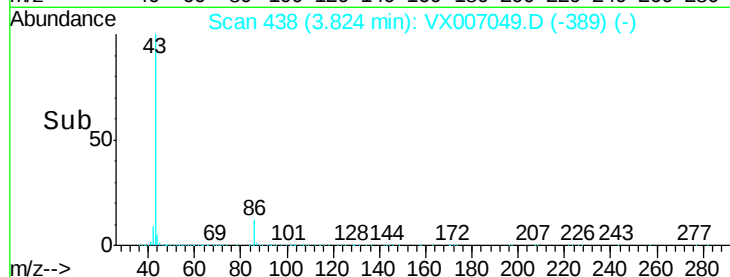
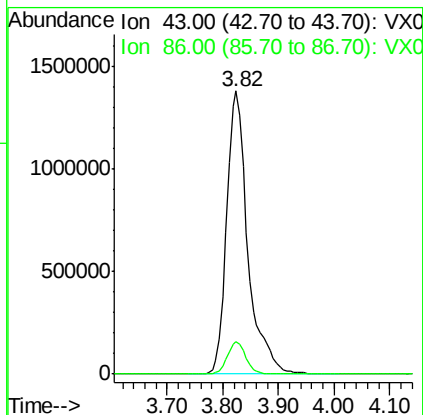
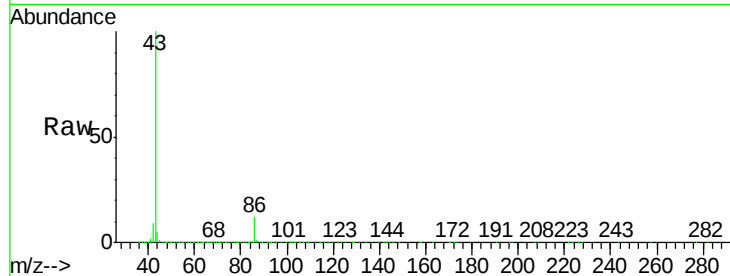
86 11.5 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 54.432 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

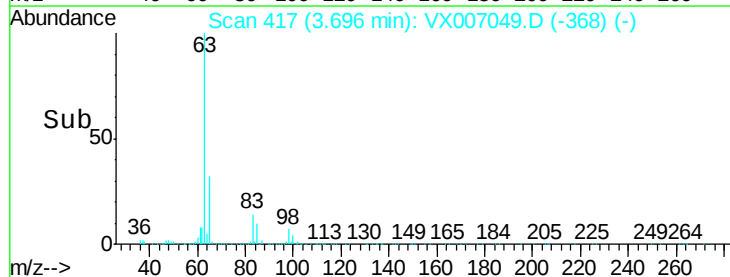
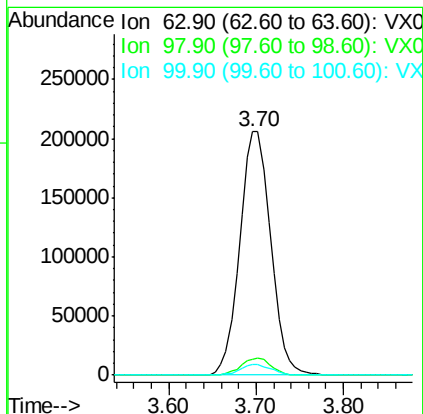
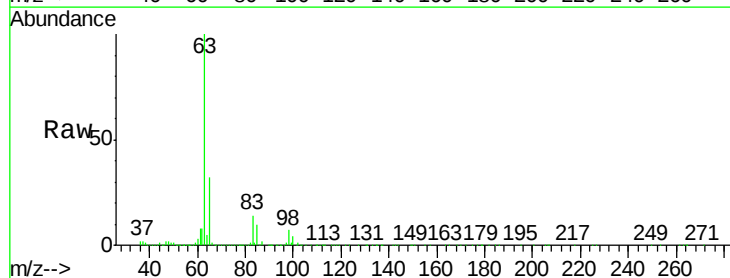
Tgt Ion: 63 Resp: 506198

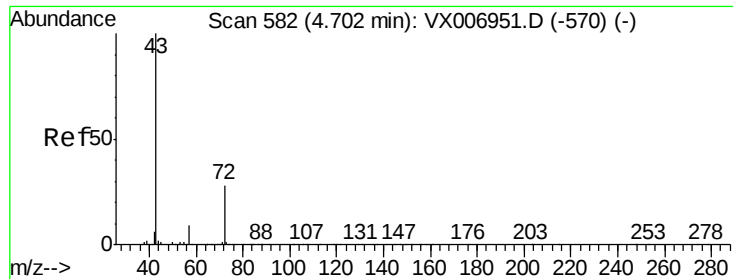
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 258.094 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tot Ion: 43 Resp: 1071591

Ion Ratio Lower Upper

43 100

72 27.4 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

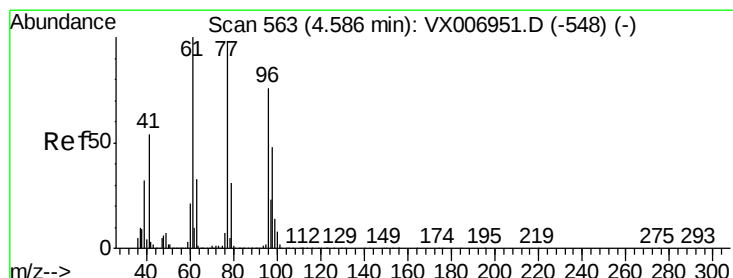
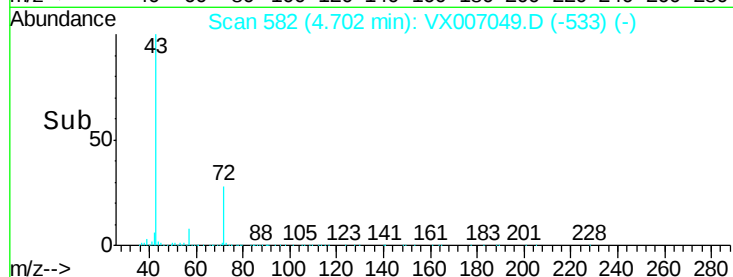
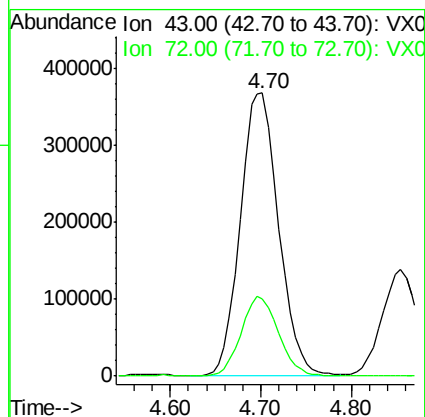
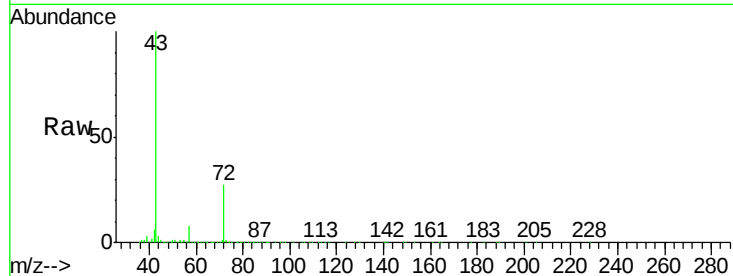
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 54.174 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007049.D

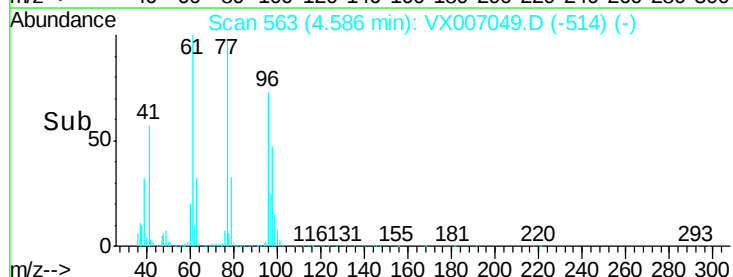
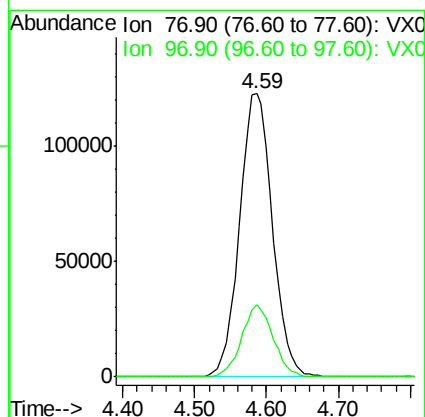
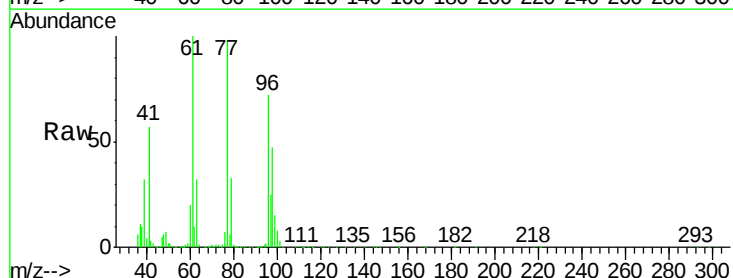
Acq: 15 Jan 2019 10:46

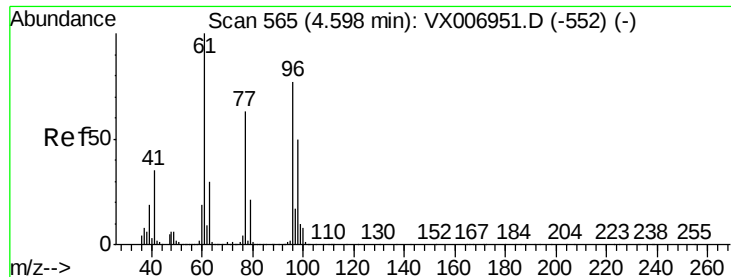
Tgt Ion: 77 Resp: 387400

Ion Ratio Lower Upper

77 100

97 24.5 12.4 37.4





#27

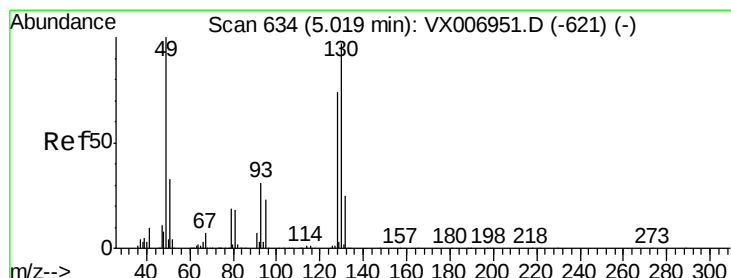
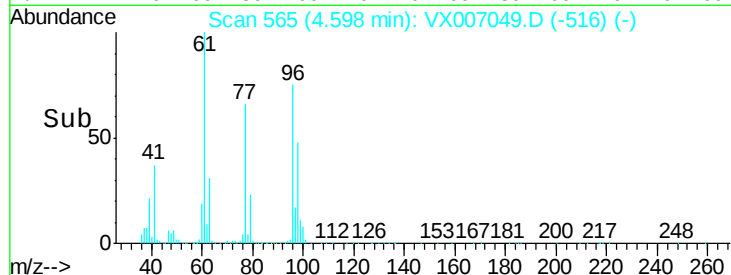
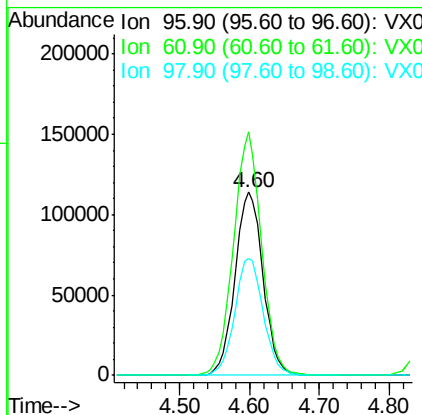
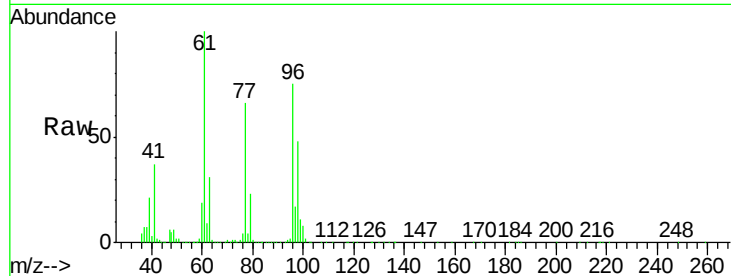
cis-1,2-Dichloroethene
Concen: 50.061 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	258.6
98	64.7	0.0	132.0

Manual Integrations
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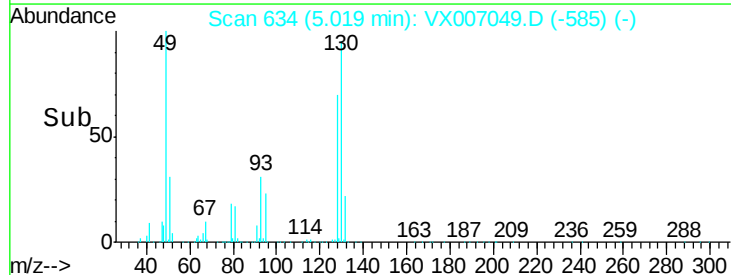
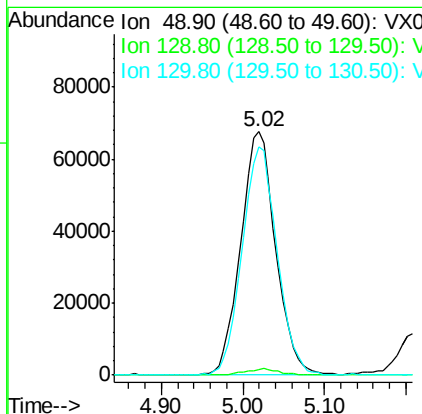
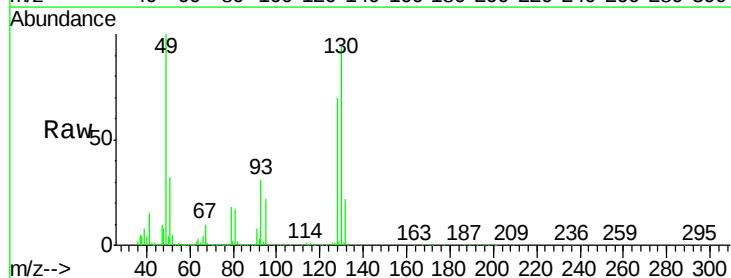
MMDadoda
1/16/2019 9:19:44 AM

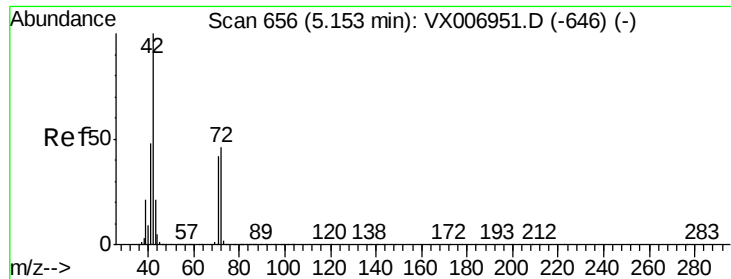


#28

Bromochloromethane
Concen: 49.325 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.2	77.7	116.5





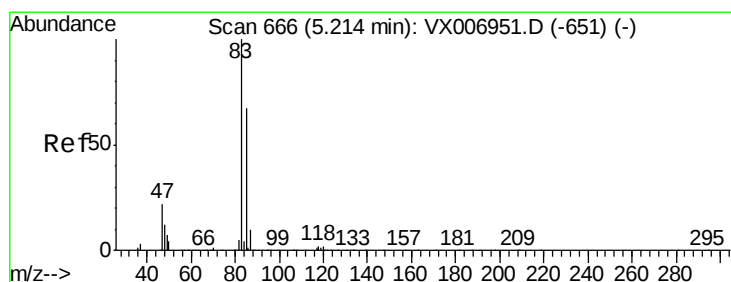
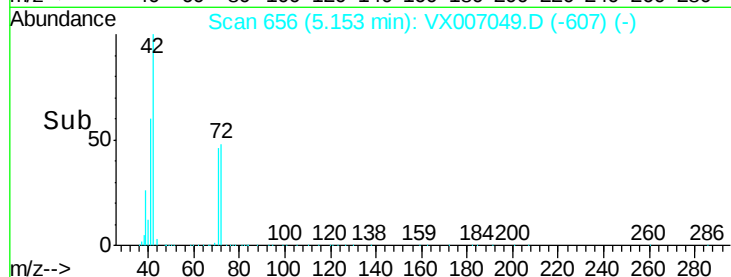
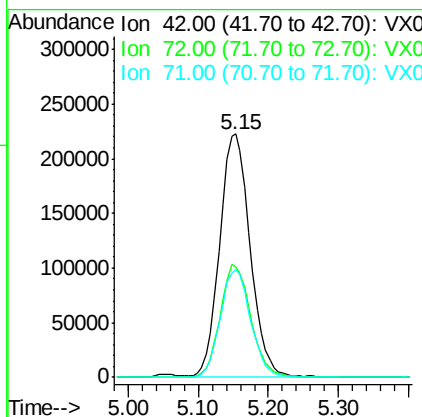
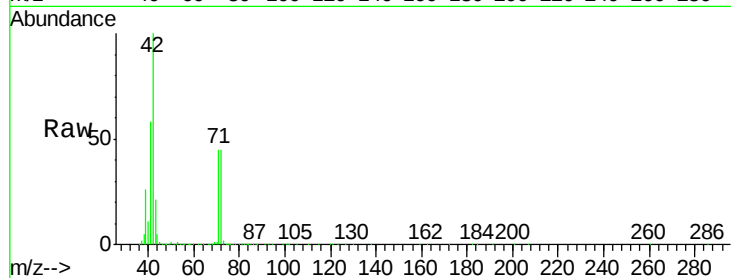
#29
Tetrahydrofuran
Concen: 249.304 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	38.9	58.3
71	44.1	36.2	54.4

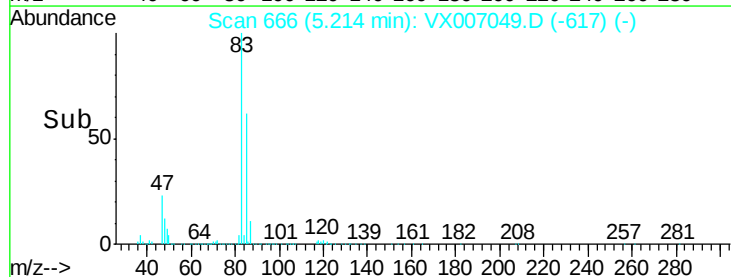
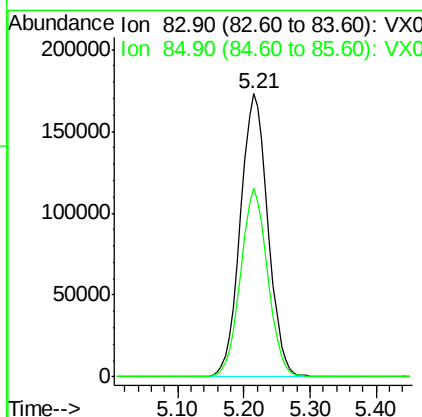
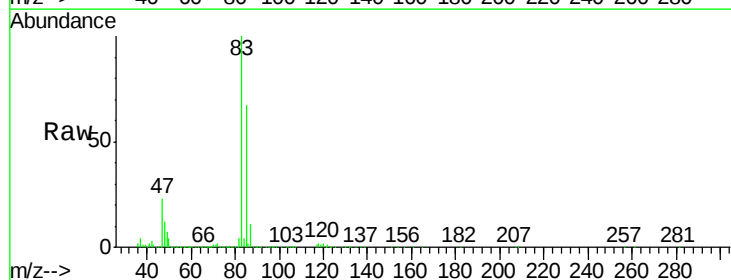
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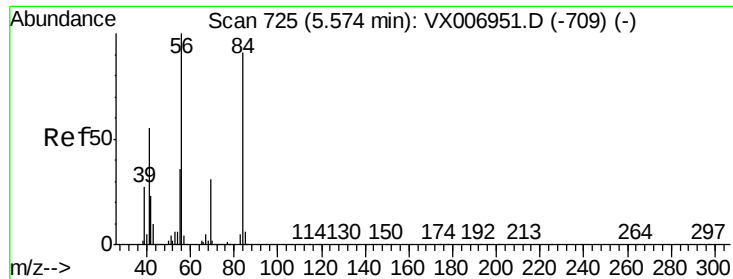
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#30
Chloroform
Concen: 51.502 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.2	76.8





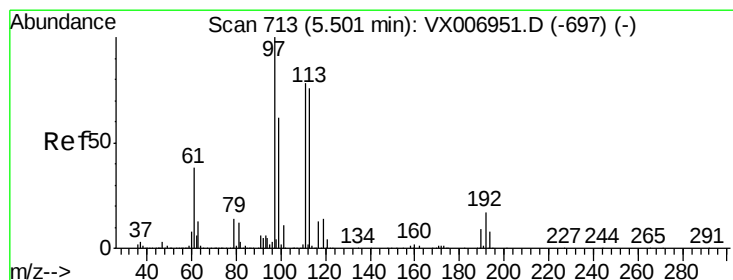
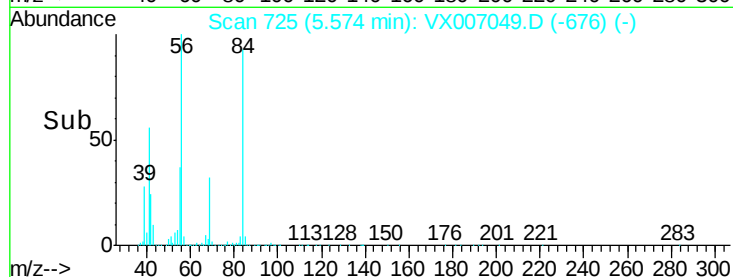
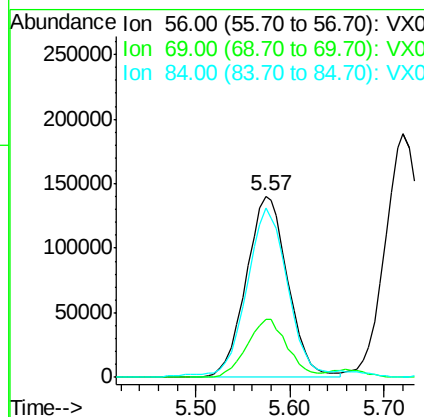
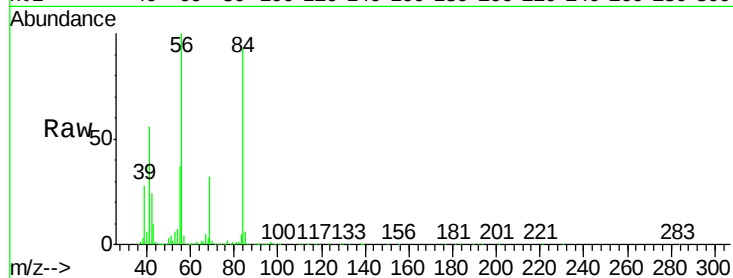
#31
Cyclohexane
Concen: 52.431 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.4	36.6
84	91.2	70.0	105.0

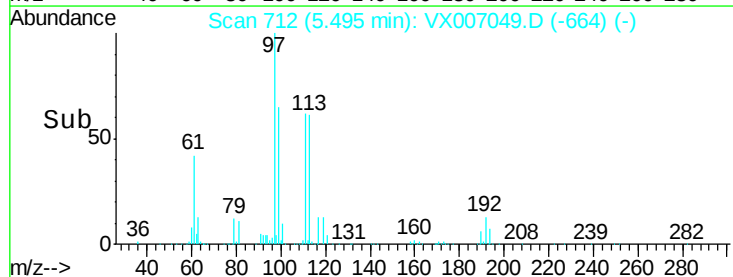
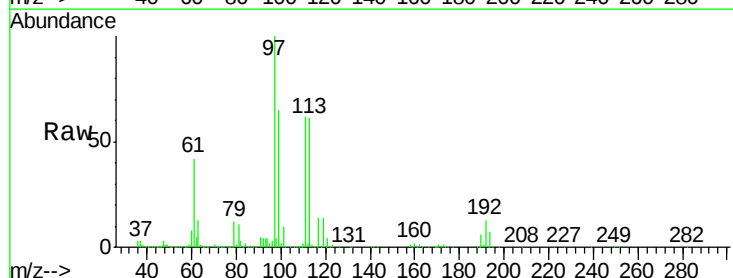
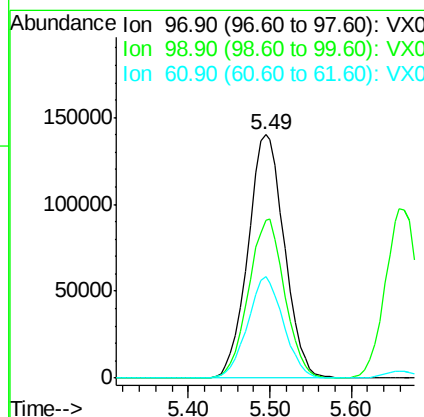
Manual Integrations
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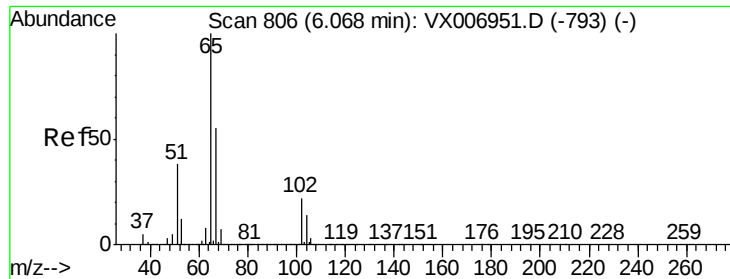
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.611 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	41.3	31.3	46.9





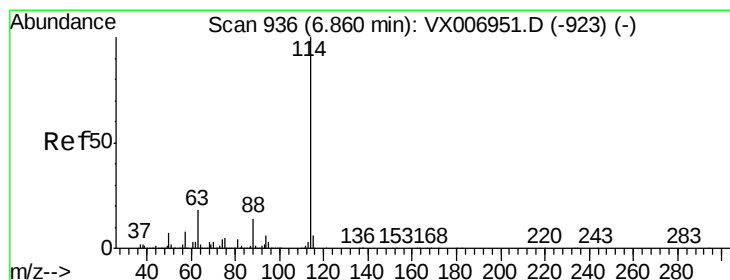
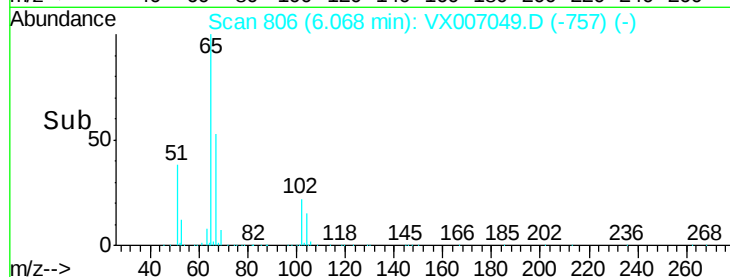
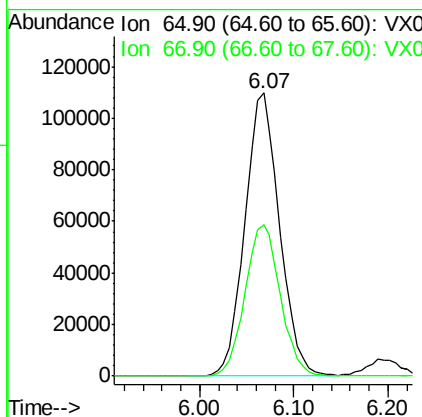
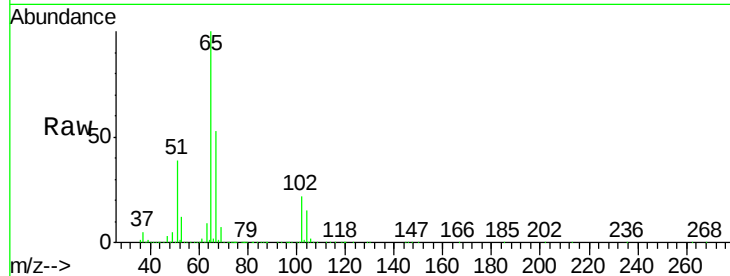
#33
 1,2-Dichloroethane-d4
 Concen: 48.074 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	105.0

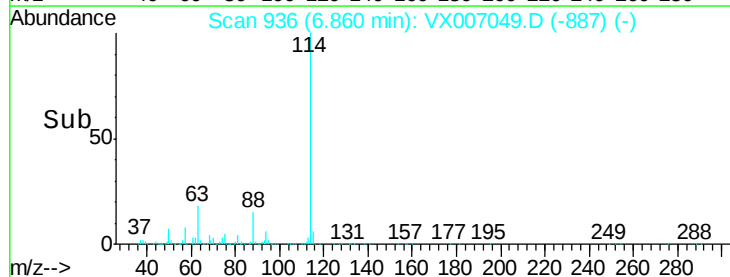
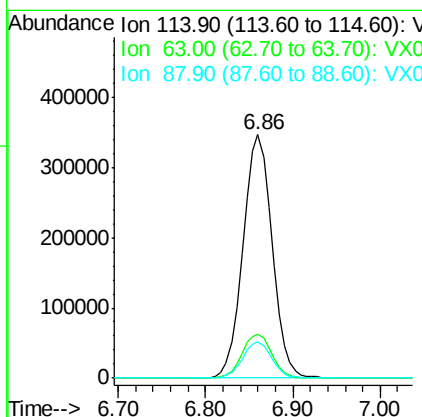
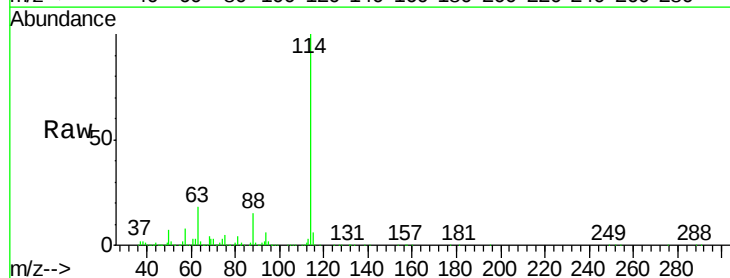
Manual Integrations
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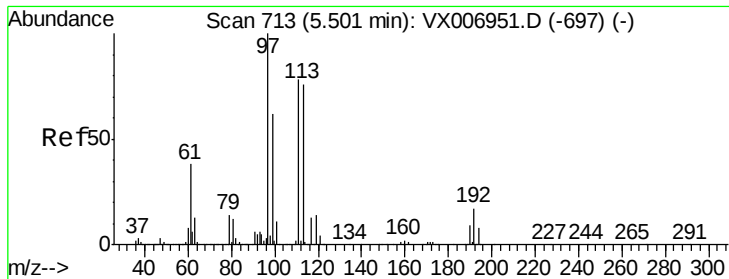
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.8
88	14.6	0.0	28.8





#35

Dibromofluoromethane

Concen: 51.255 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

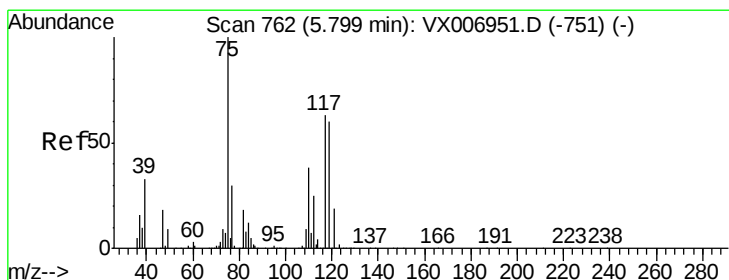
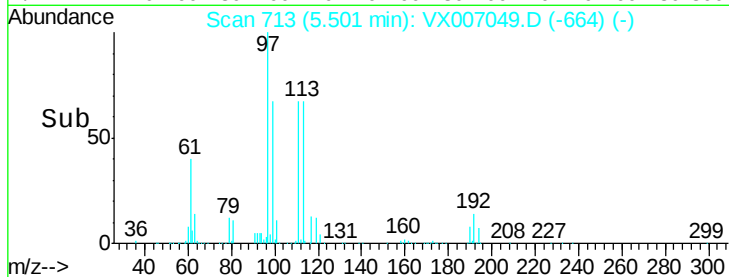
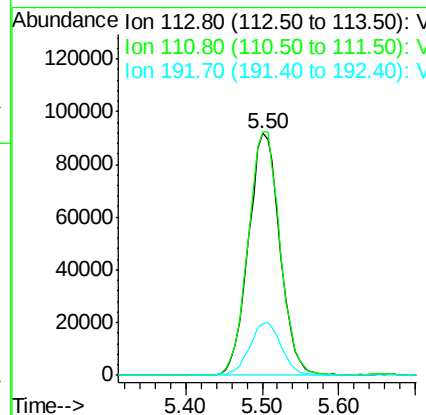
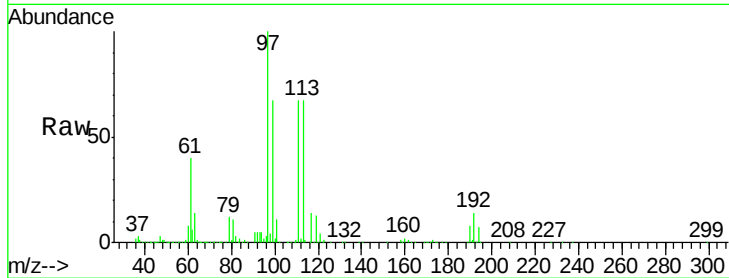
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	262936
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.6	122.4
192	21.9	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.562 ug/l

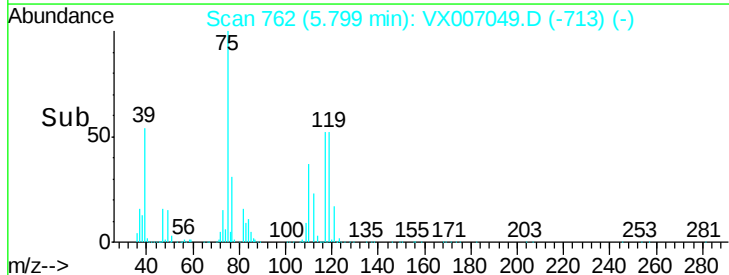
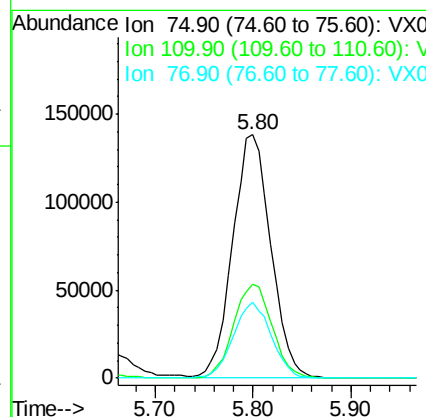
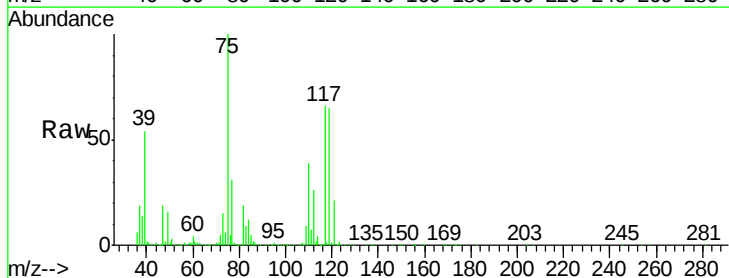
RT: 5.80 min Scan# 762

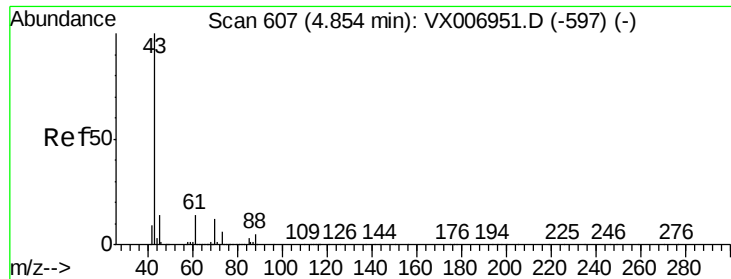
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:	75	Resp:	373034
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.2	60.5
77	31.6	24.8	37.2





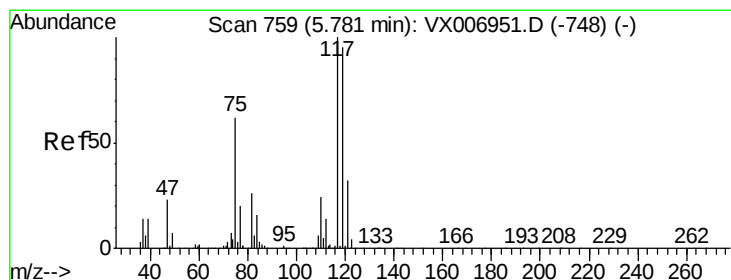
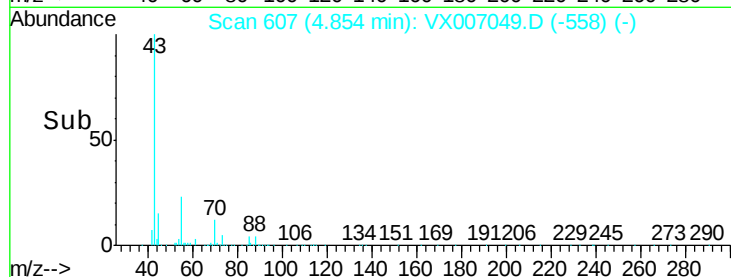
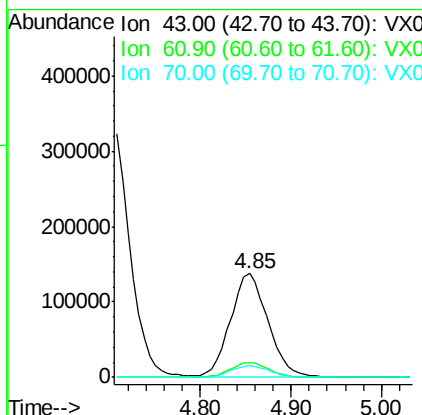
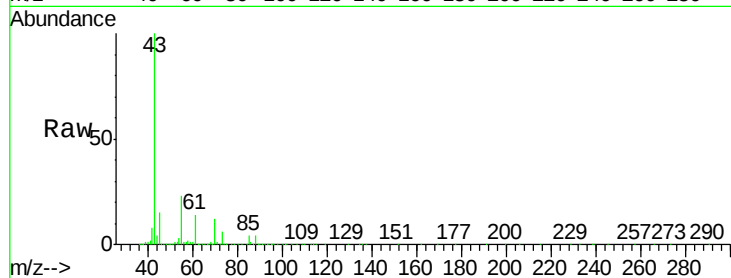
#37
Ethyl Acetate
Concen: 52.473 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	391800
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.9	17.9
70	11.4	9.7	14.5

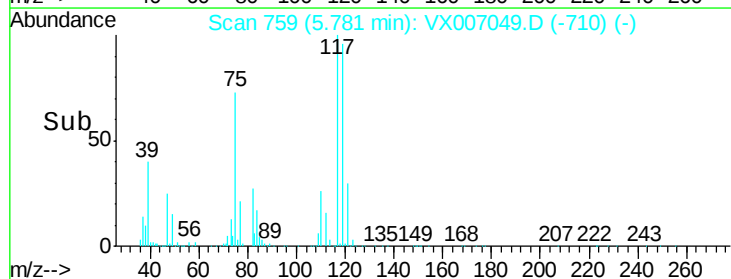
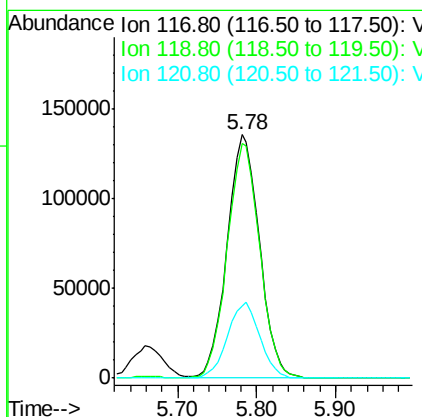
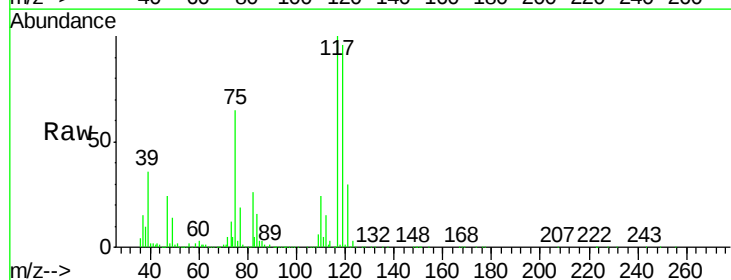
Manual Integrations
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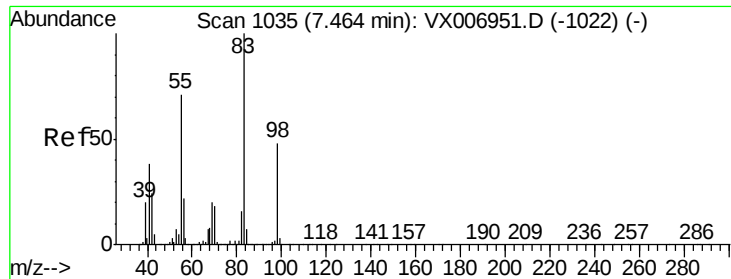
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#38
Carbon Tetrachloride
Concen: 55.041 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	117	Resp	385683
Ion Ratio	Lower	Upper	
117	100		
119	96.2	79.4	119.2
121	29.7	24.0	36.0





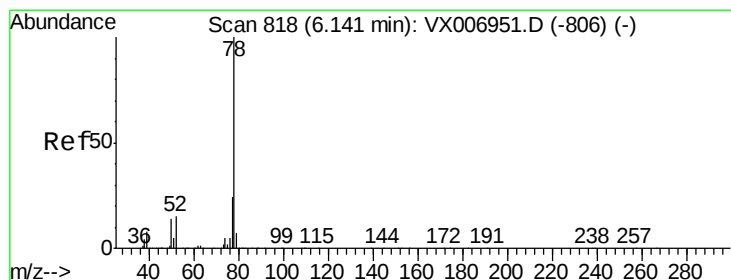
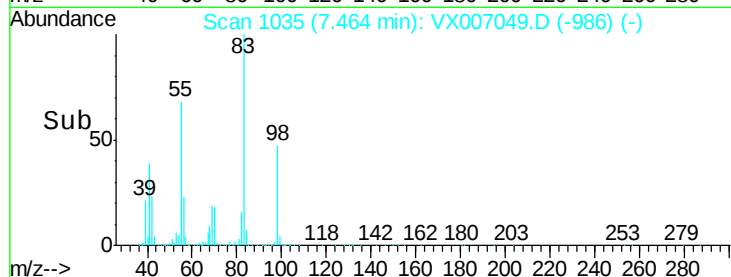
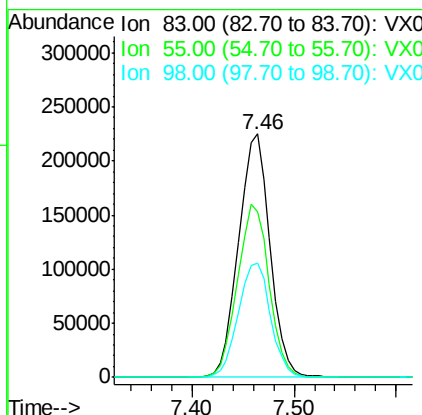
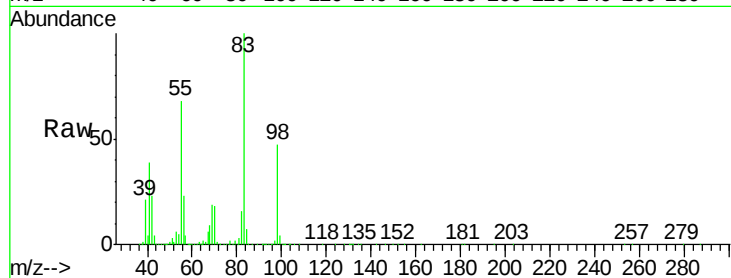
#39
Methvlcvclohexane
Concen: 54.300 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	54.9	82.3
98	47.0	37.9	56.9

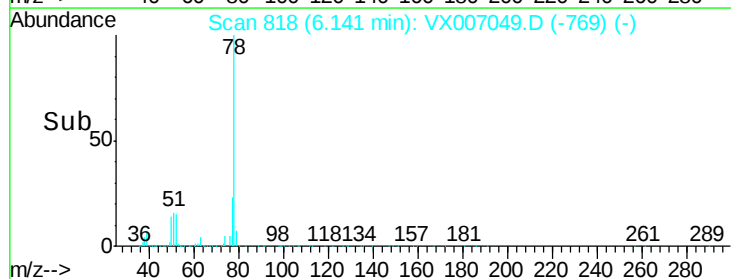
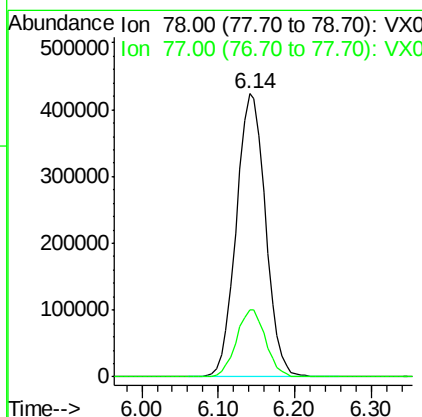
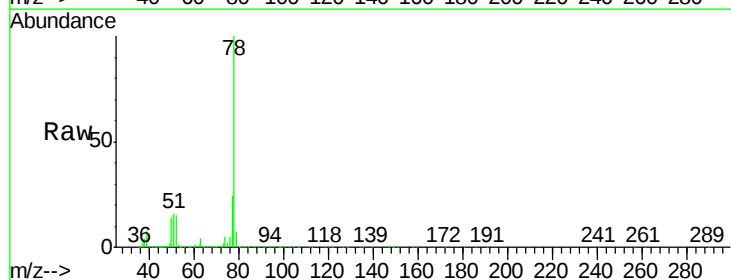
Manual Integrations
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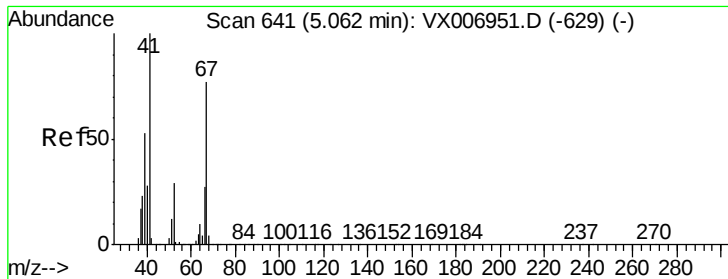
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#40
Benzene
Concen: 52.800 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





#41

Methacrylonitrile

Concen: 51.655 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

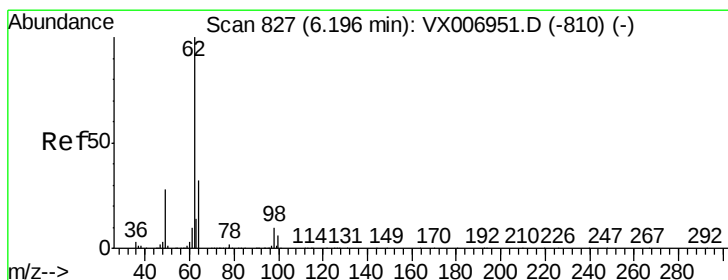
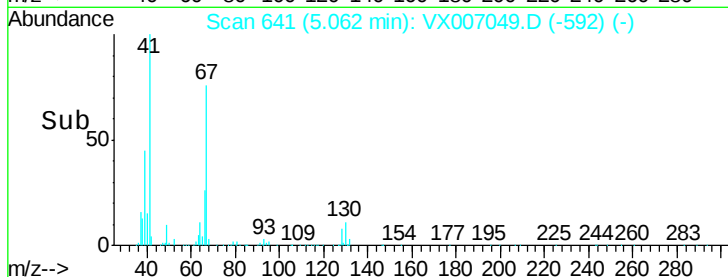
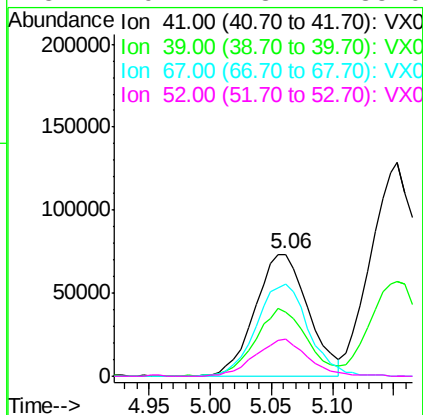
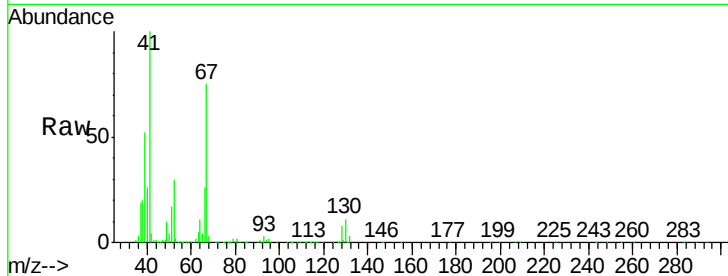
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
222189	41	100		
	39	53.4	42.8	64.2
	67	74.3	62.1	93.1
	52	29.4	23.4	35.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.826 ug/l

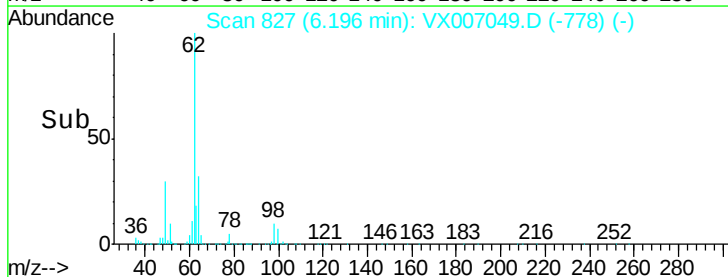
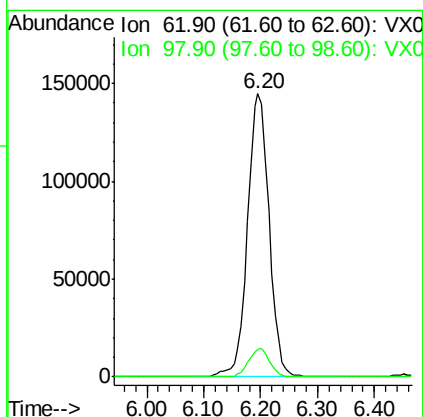
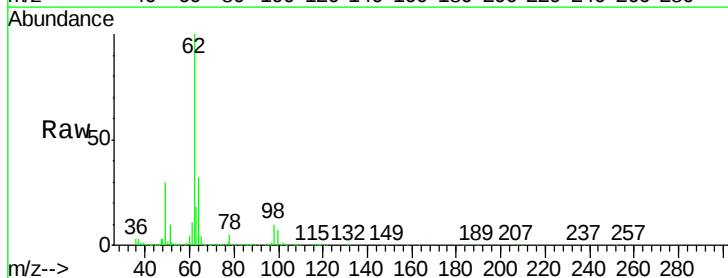
RT: 6.20 min Scan# 827

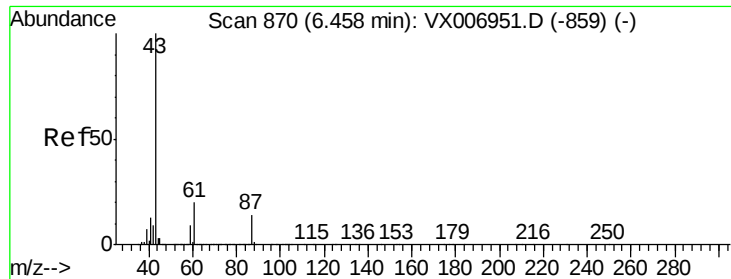
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion	Ion	Ratio	Lower	Upper
380588	62	100		
	98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 54.525 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

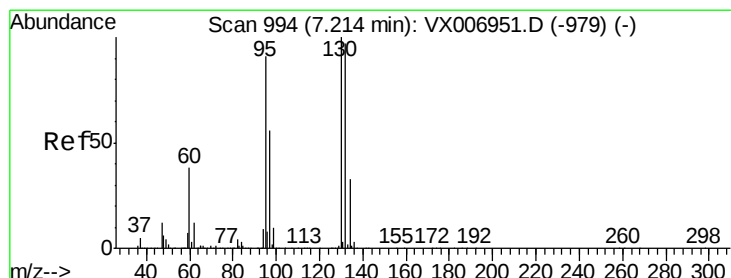
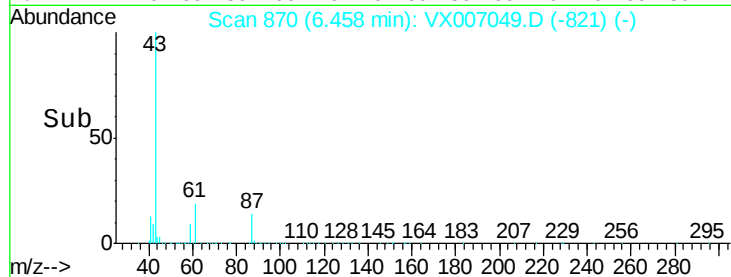
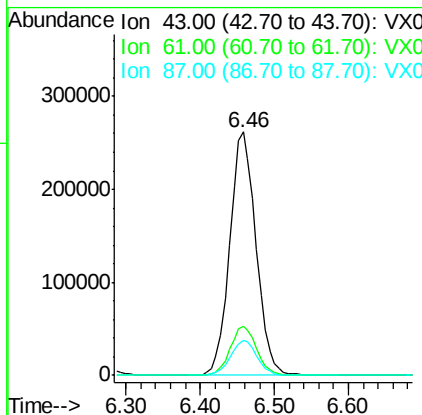
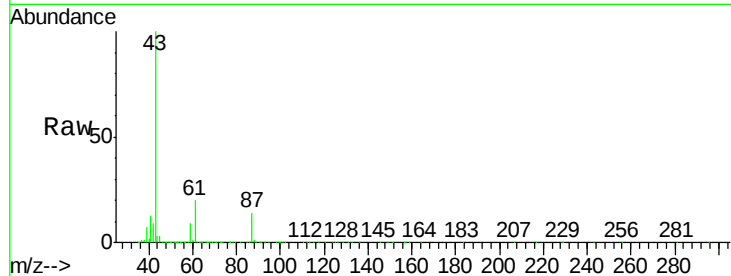
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	642175
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.8	25.2
87	14.6	12.4	18.6

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#44

Trichloroethene

Concen: 52.355 ug/l

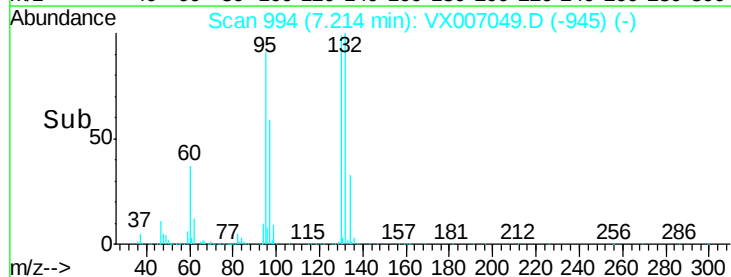
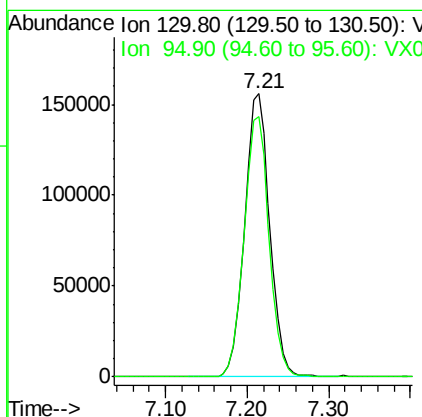
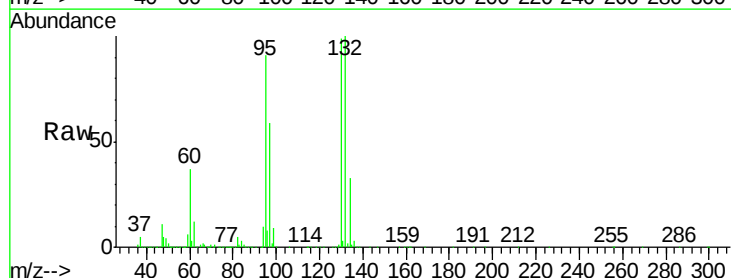
RT: 7.21 min Scan# 994

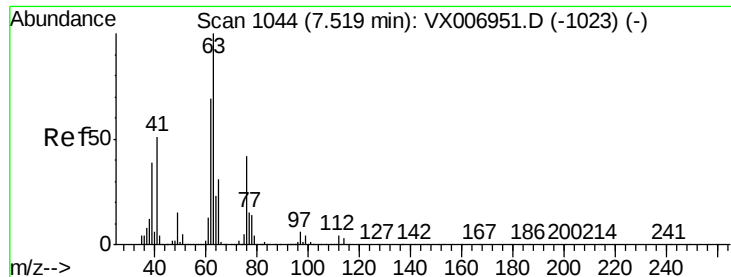
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:	130	Resp:	333401
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	187.0





#45

1,2-Dichloropropane

Concen: 53.946 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 288210

Ion Ratio Lower Upper

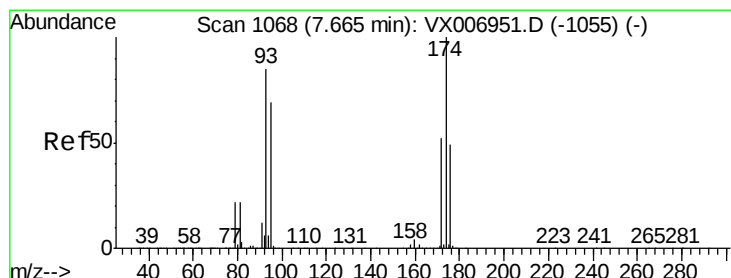
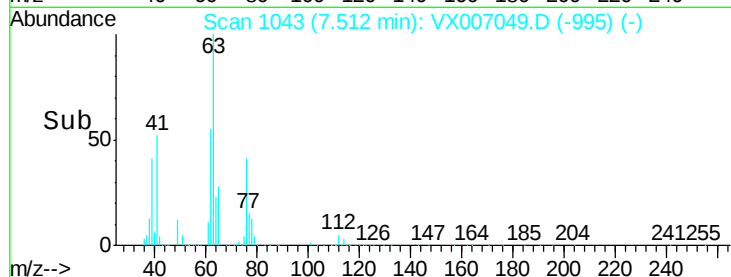
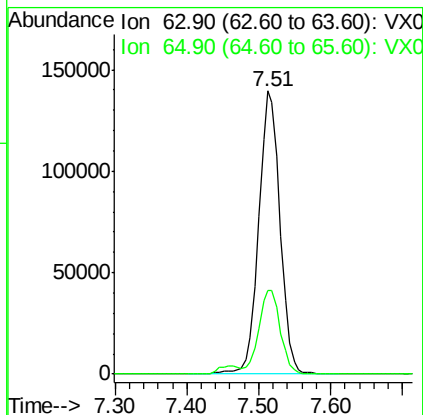
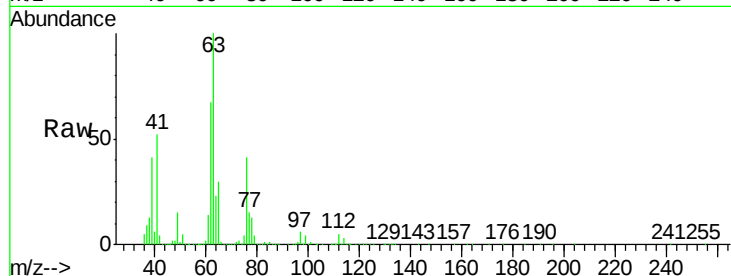
63 100

65 29.6 25.4 38.0

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#46

Dibromomethane

Concen: 54.415 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

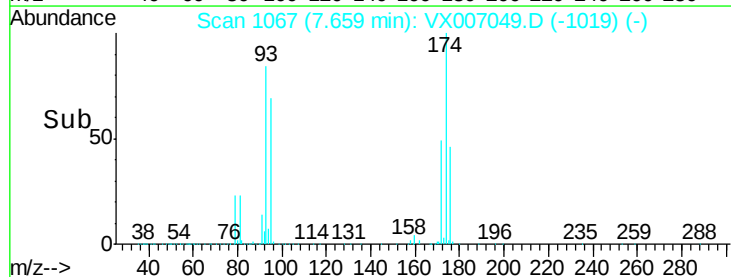
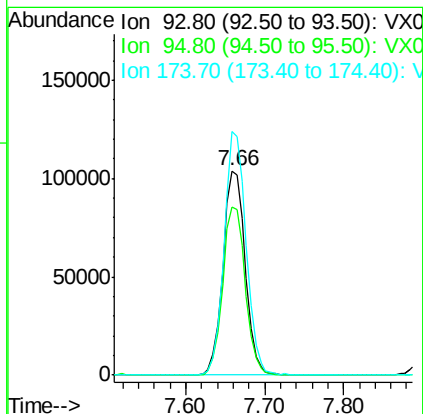
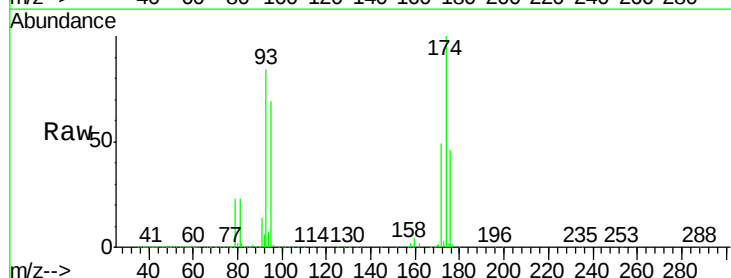
Tgt Ion: 93 Resp: 204314

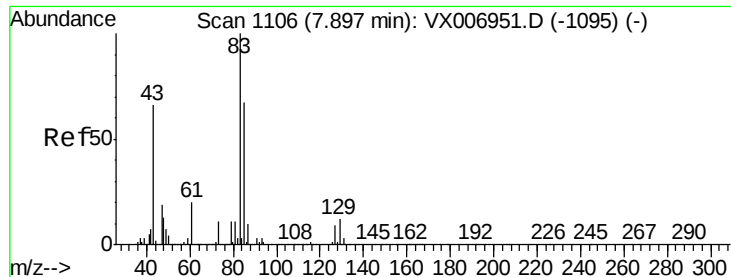
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 117.5 91.0 136.4





#47

Bromodichloromethane

Concen: 57.472 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

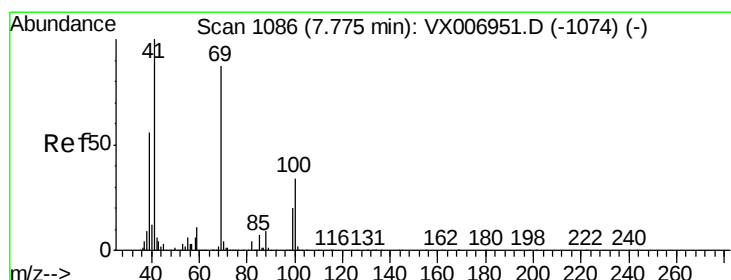
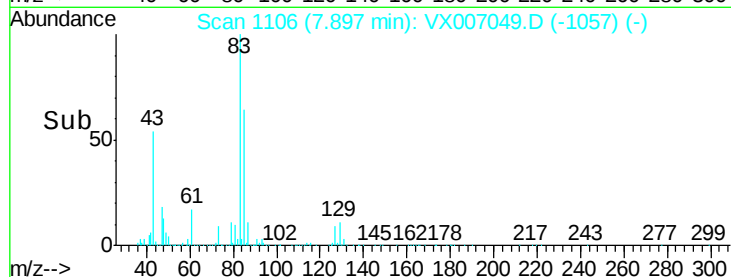
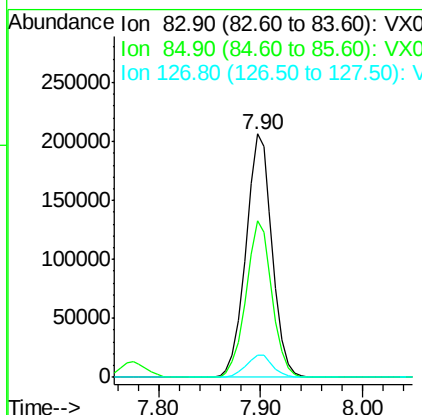
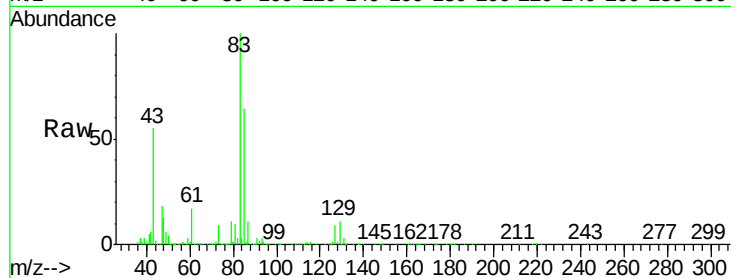
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	367315
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.2	79.8
127	9.3	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.453 ug/l

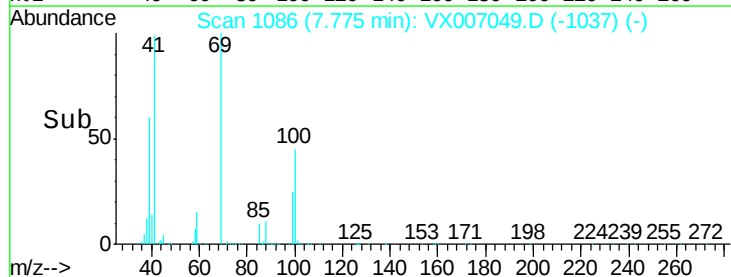
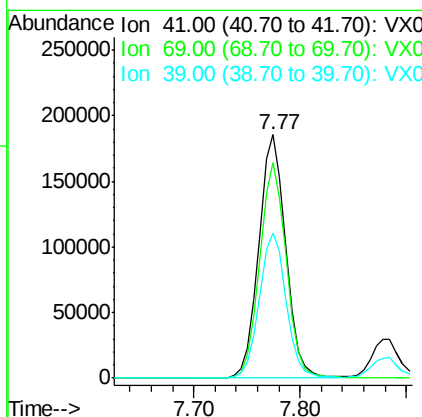
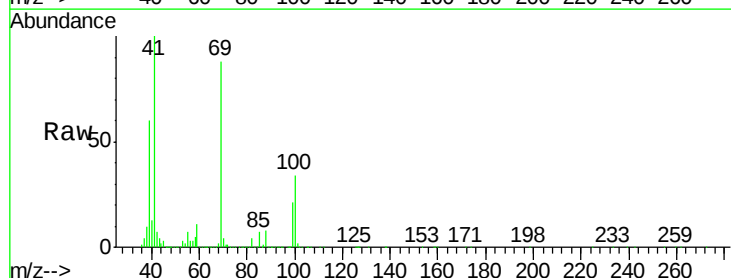
RT: 7.77 min Scan# 1086

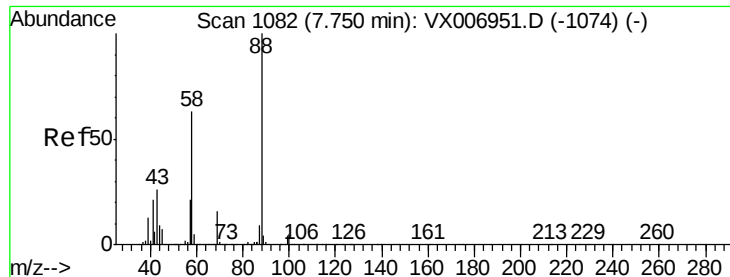
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:	41	Resp:	329346
Ion Ratio	Lower	Upper	
41	100		
69	87.3	72.4	108.6
39	59.2	45.8	68.8





#49

1,4-Dioxane

Concen: 1110.617 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

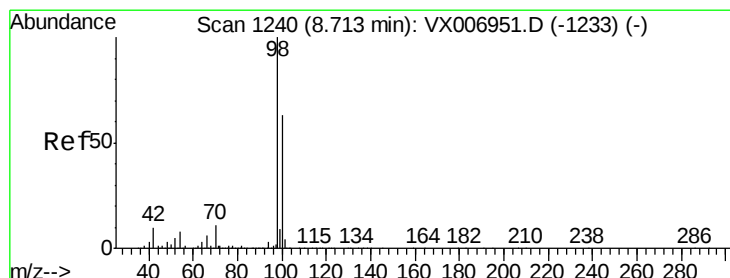
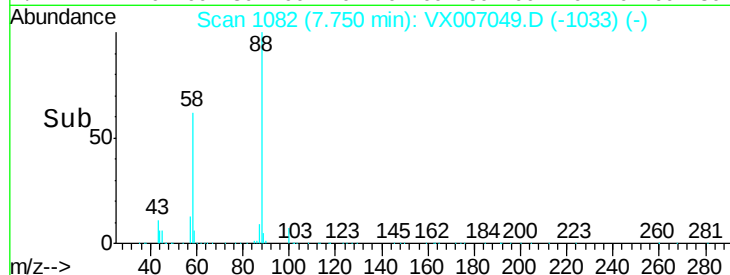
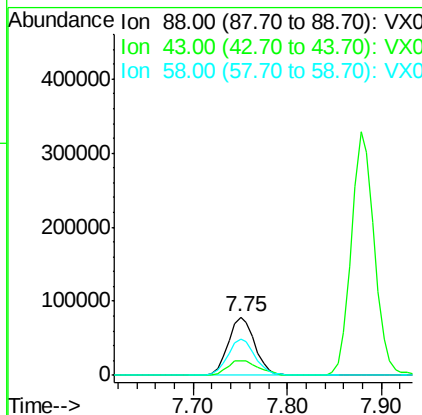
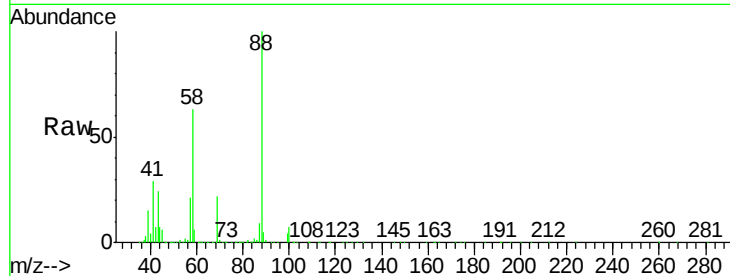
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	153271
Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.2	33.4
58	63.7	51.0	76.4

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#50

Toluene-d8

Concen: 52.560 ug/l

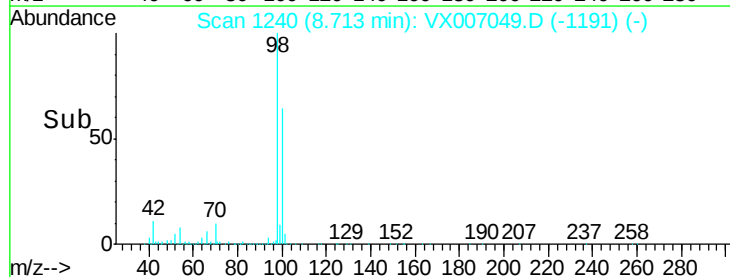
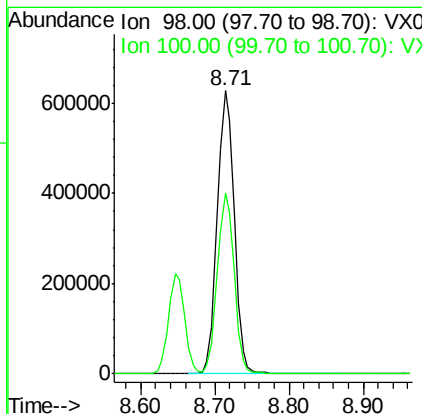
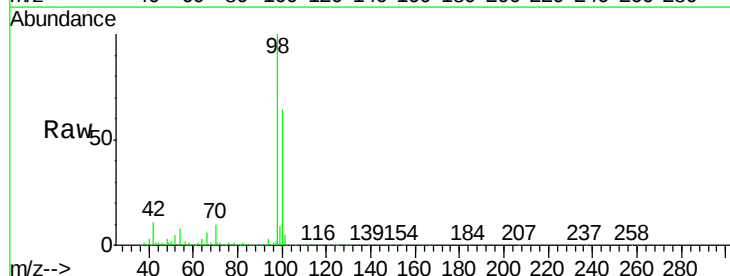
RT: 8.71 min Scan# 1240

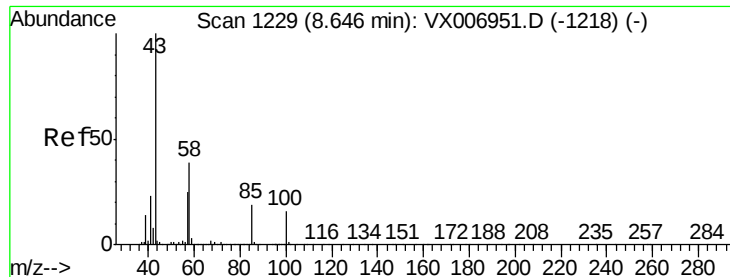
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:	98	Resp:	986933
Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 279.050 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2112129

Ion Ratio Lower Upper

43 100

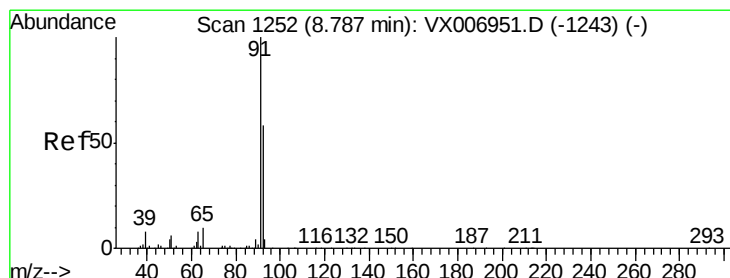
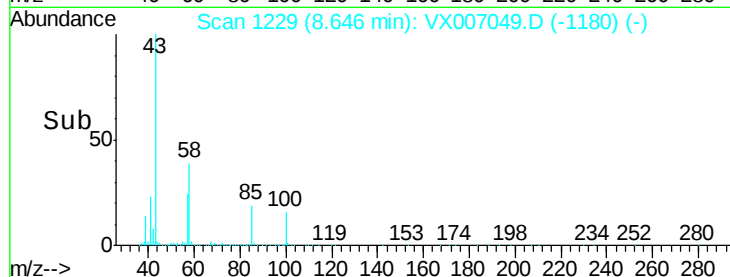
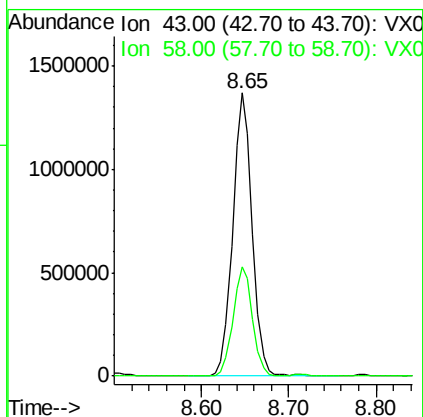
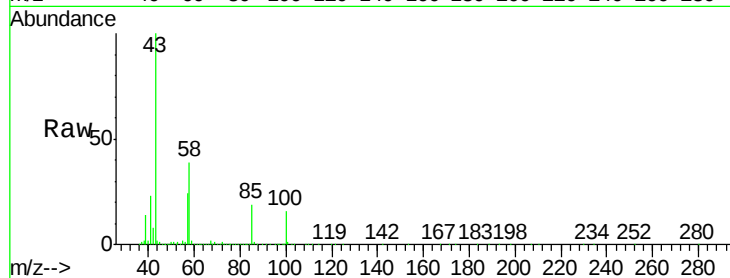
58 38.6 31.8 47.6

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#52

Toluene

Concen: 53.980 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007049.D

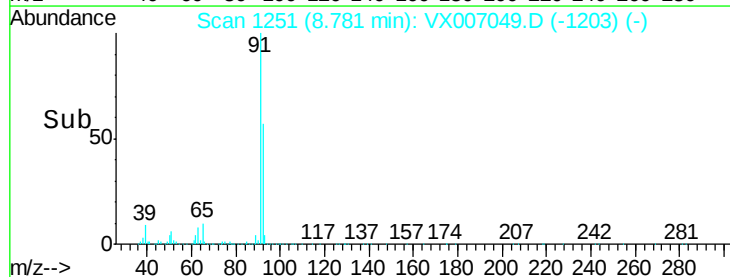
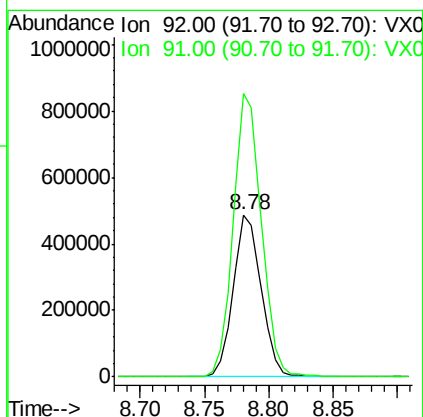
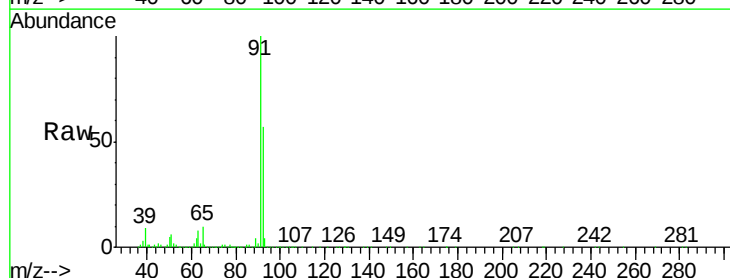
Acq: 15 Jan 2019 10:46

Tgt Ion: 92 Resp: 737292

Ion Ratio Lower Upper

92 100

91 177.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 59.415 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 421072

Ion Ratio Lower Upper

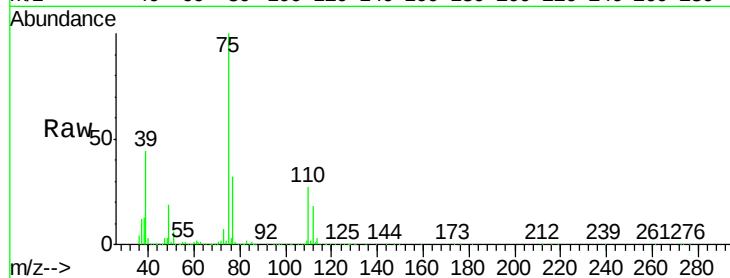
75 100

77 32.3 25.4 38.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

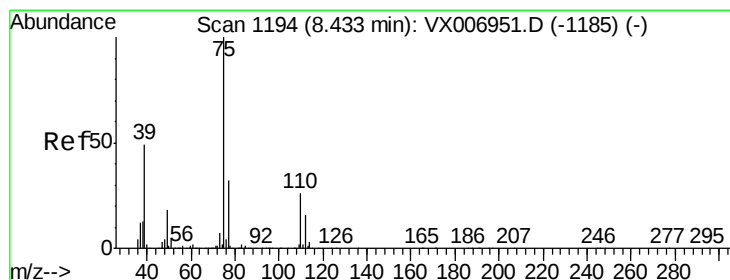
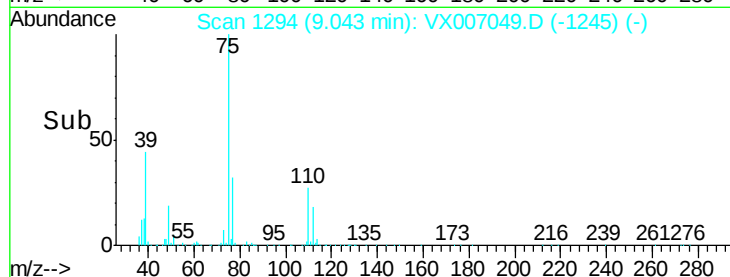
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 58.144 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

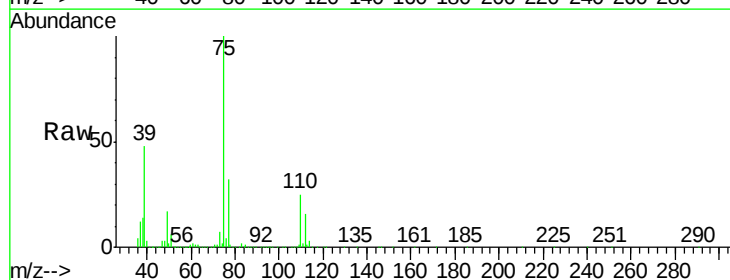
Tgt Ion: 75 Resp: 455058

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 47.8 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

400000

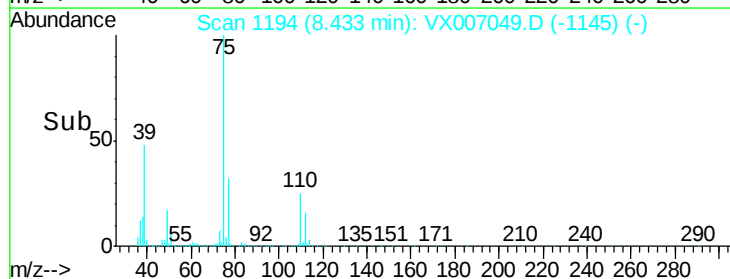
300000

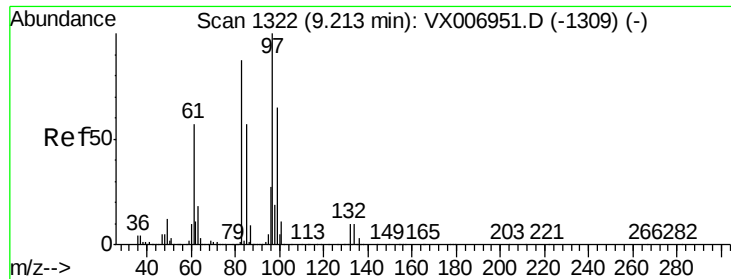
200000

100000

0

Time-->





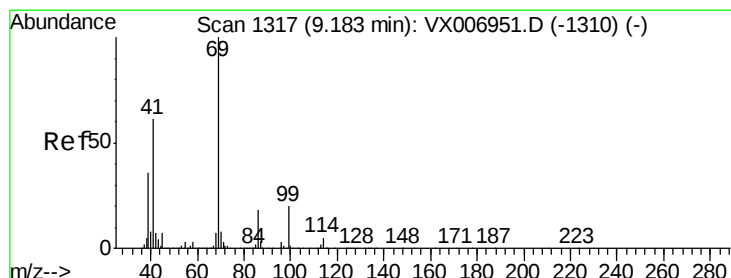
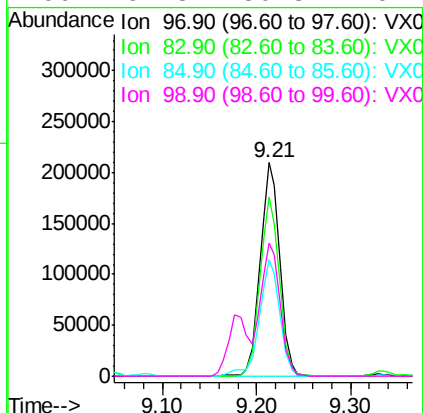
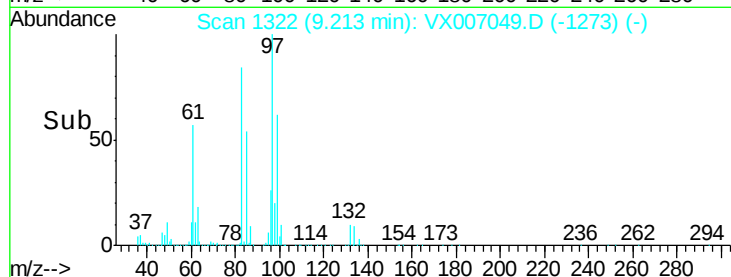
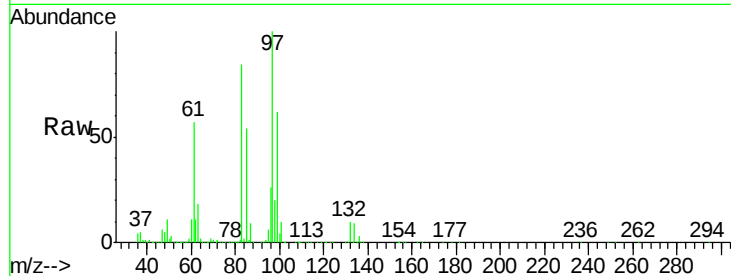
#55
 1,1,2-Trichloroethane
 Concen: 56.396 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		308323		
83	83.5	66.6	99.8		
85	54.3	42.7	64.1		
99	62.3	50.8	76.2		

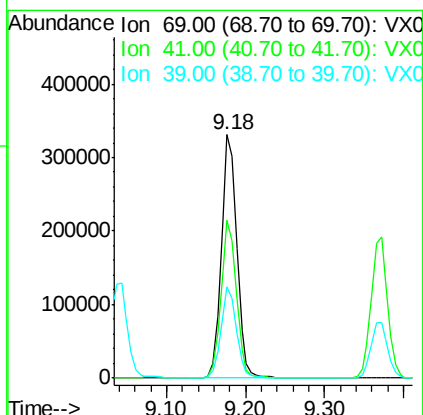
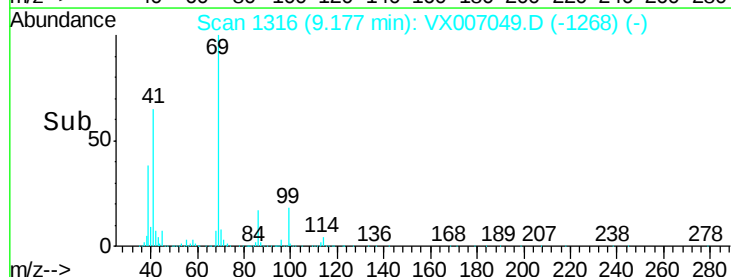
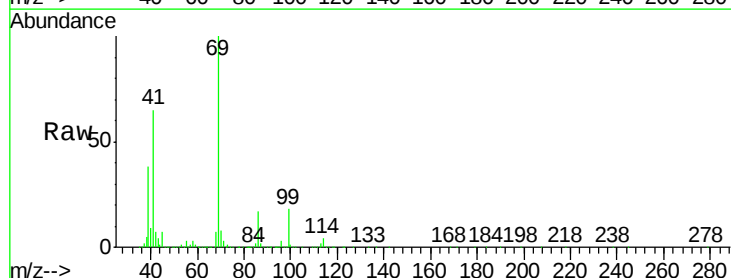
Manual Integrations
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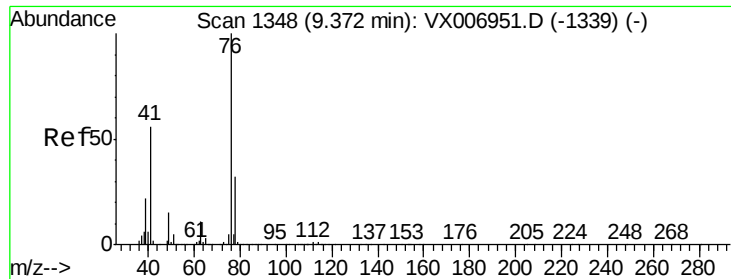
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 1/16/2019 9:19:44 AM



#56
 Ethyl methacrylate
 Concen: 56.935 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		454414		
41	64.0	48.7	73.1		
39	37.4	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 54.107 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 484610

Ion Ratio Lower Upper

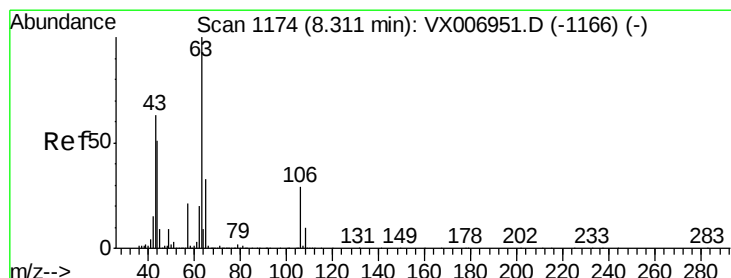
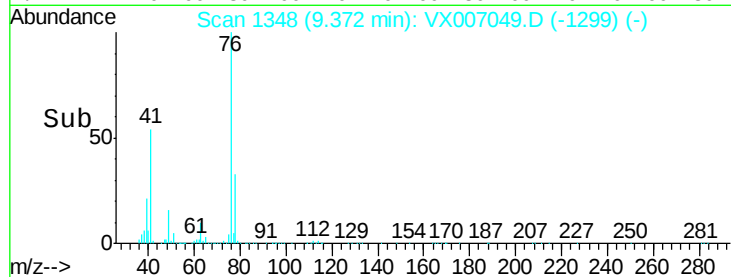
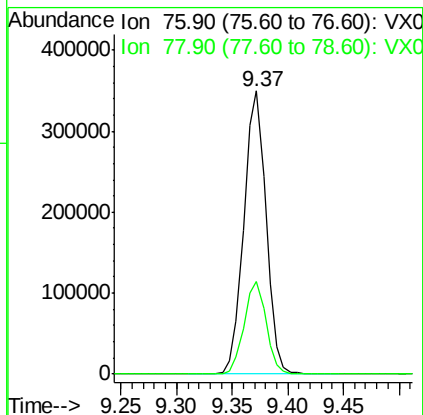
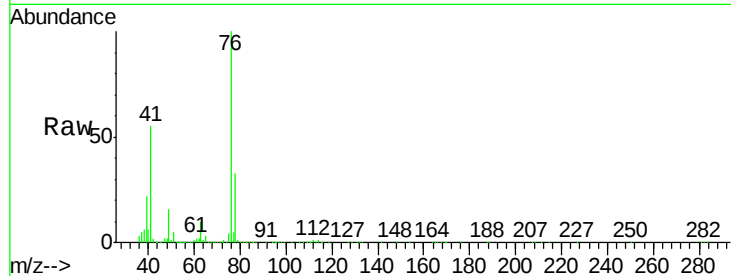
76 100

78 32.6 26.0 39.0

Manual Integrations
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MMDadoda

1/16/2019 9:19:44 AM



#58

2-Chloroethyl Vinyl ether

Concen: 291.659 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007049.D

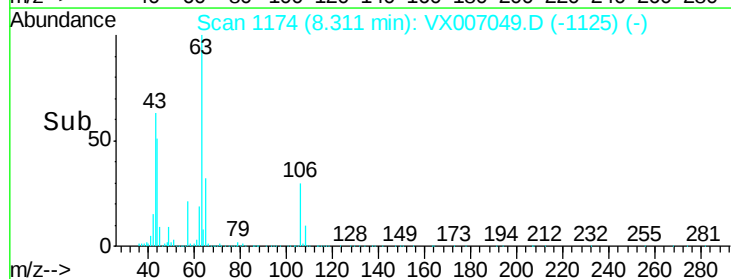
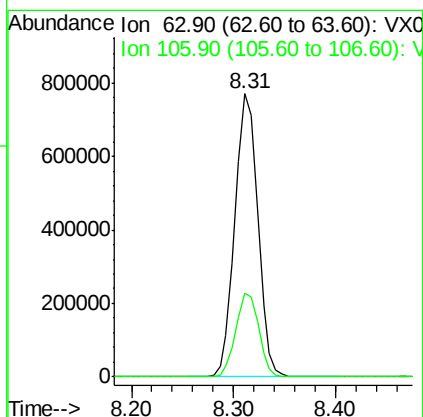
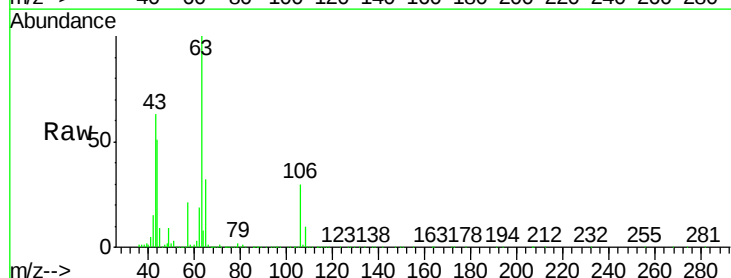
Acq: 15 Jan 2019 10:46

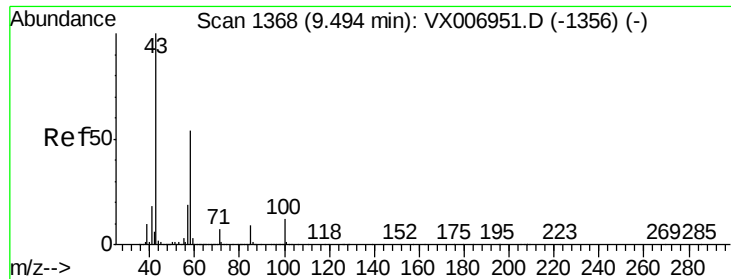
Tgt Ion: 63 Resp: 1196850

Ion Ratio Lower Upper

63 100

106 29.8 24.6 36.8





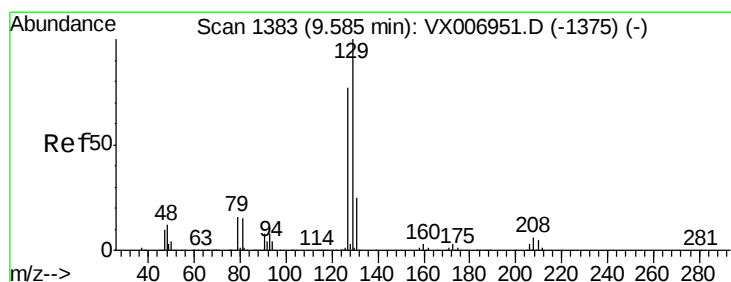
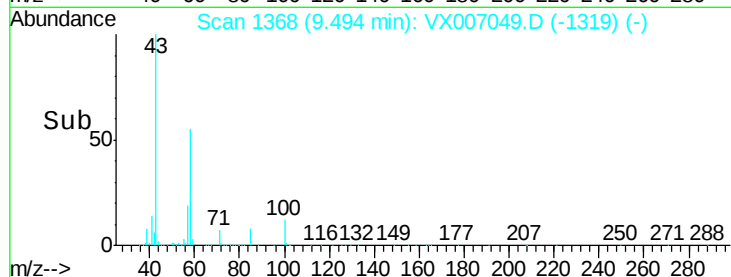
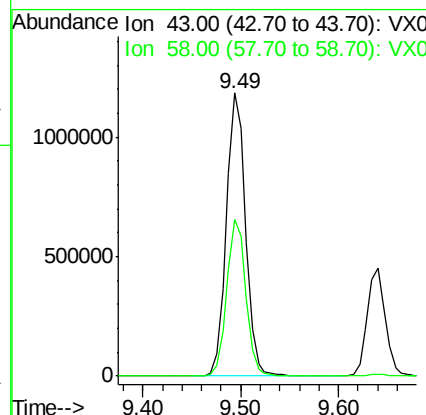
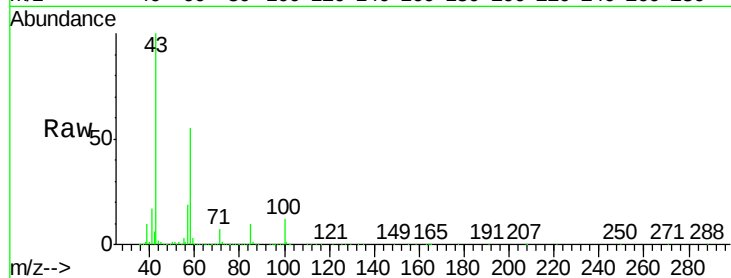
#59
2-Hexanone
Concen: 280.422 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1617476
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

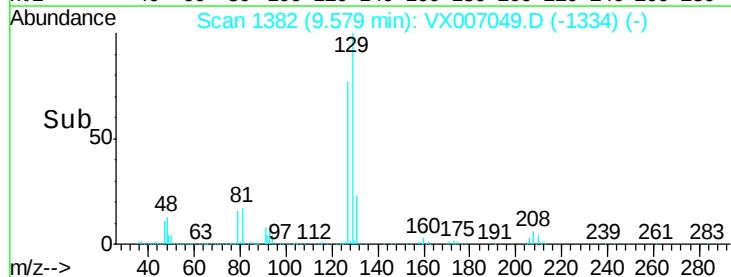
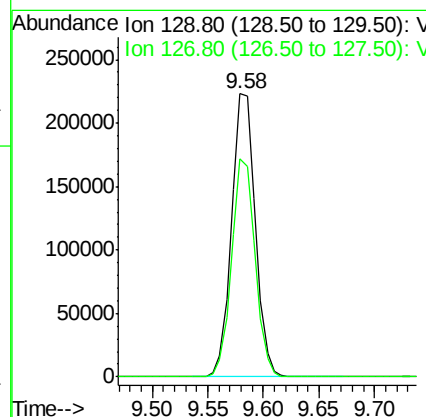
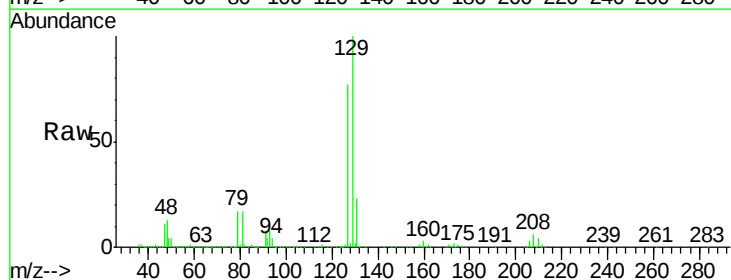
Manual Integrations
APPROVED

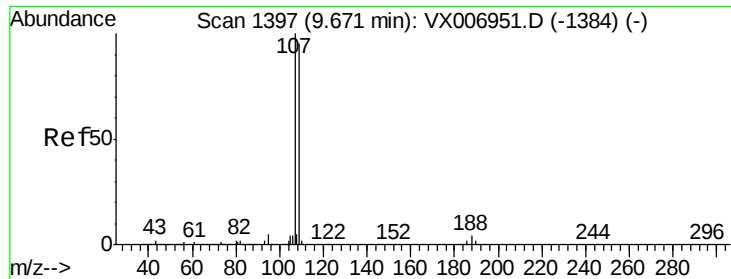
MMDadoda
1/16/2019 9:19:44 AM



#60
Dibromochloromethane
Concen: 62.117 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion: 129 Resp: 329758
Ion Ratio Lower Upper
129 100
127 76.1 39.3 117.8





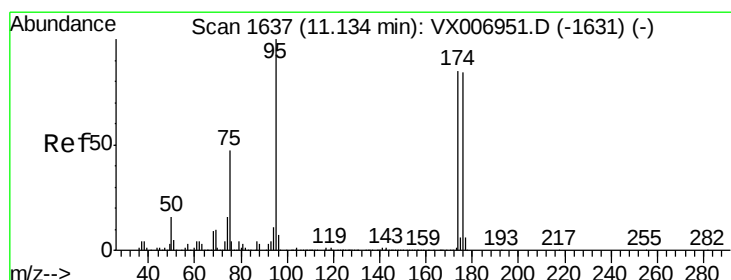
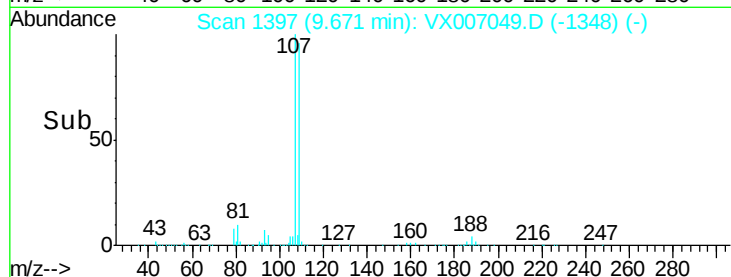
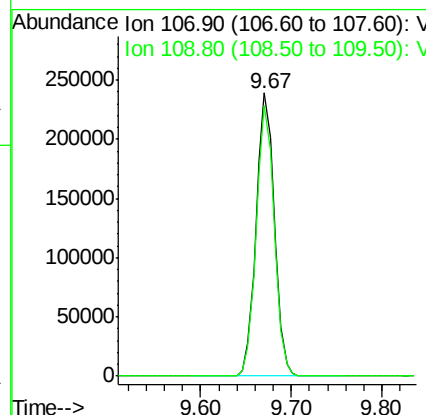
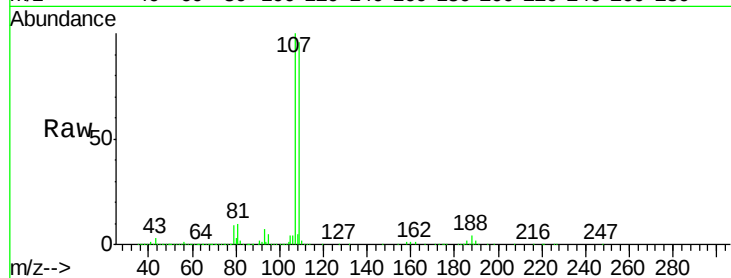
#61
 1,2-Dibromoethane
 Concen: 55.411 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.8	113.6

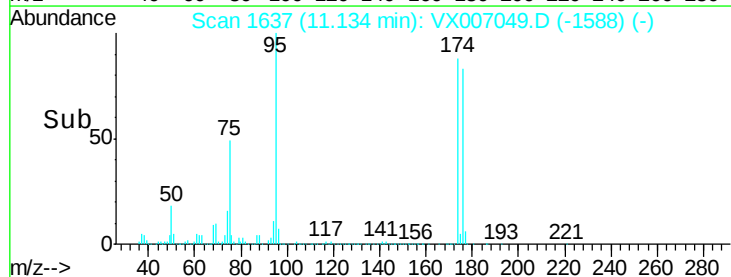
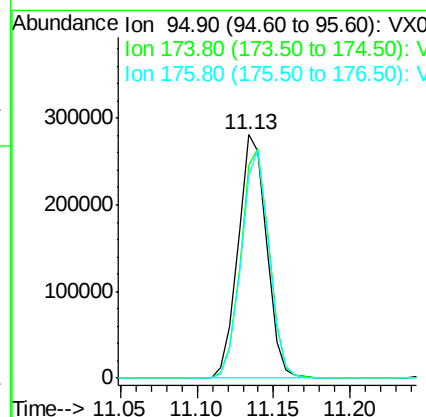
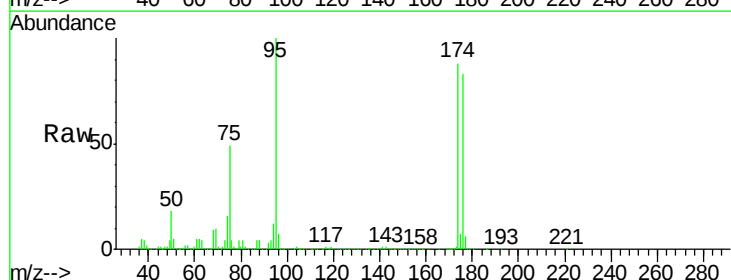
Manual Integrations
 APPROVED

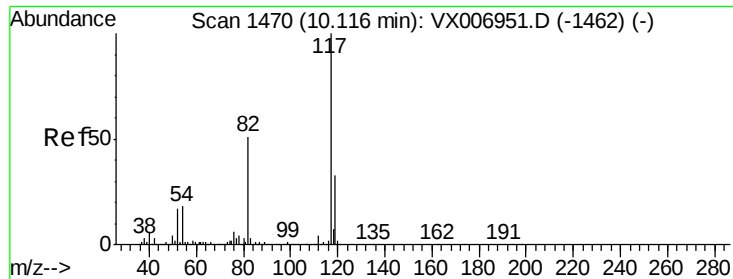
MMDadoda
 1/16/2019 9:19:44 AM



#62
 4-Bromofluorobenzene
 Concen: 55.209 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	182.2
176	91.4	0.0	178.8





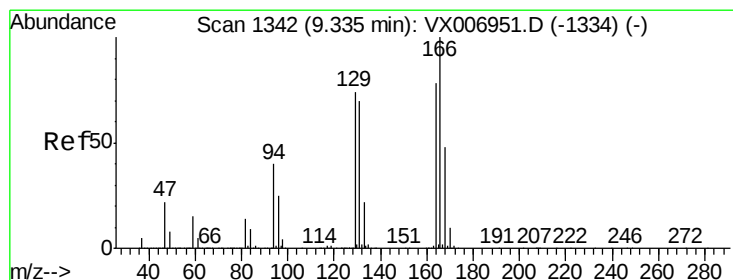
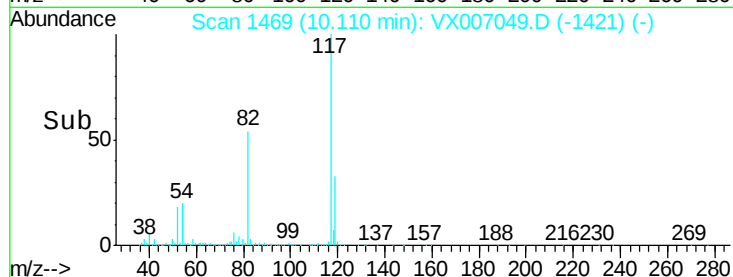
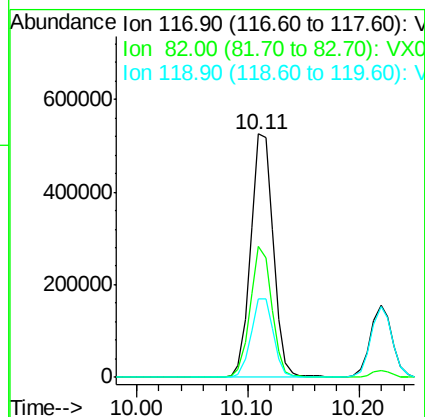
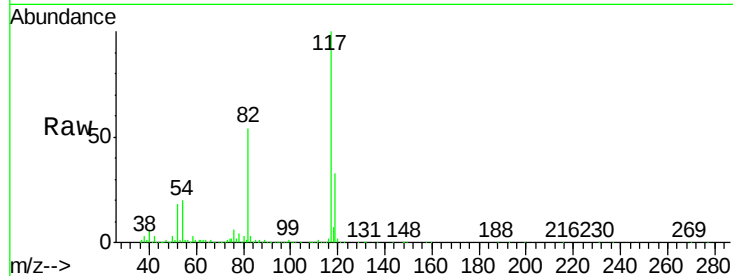
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.0	61.6
119	32.5	25.4	38.0

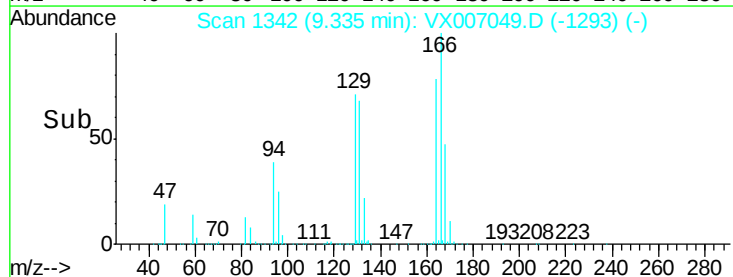
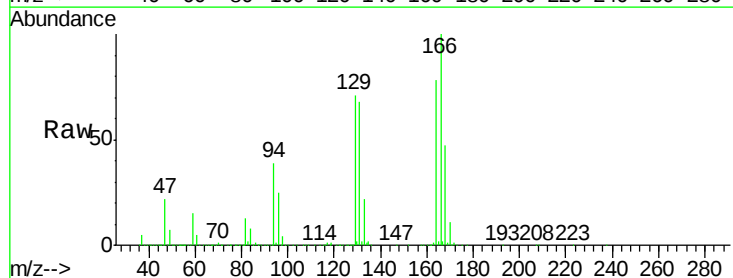
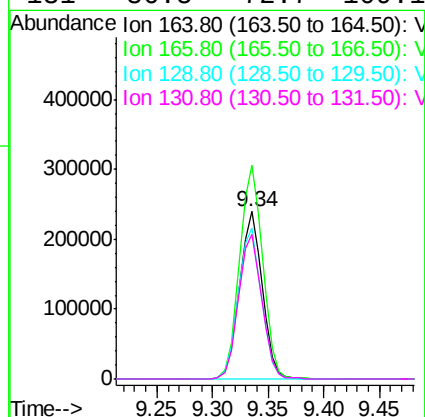
Manual Integrations
APPROVED

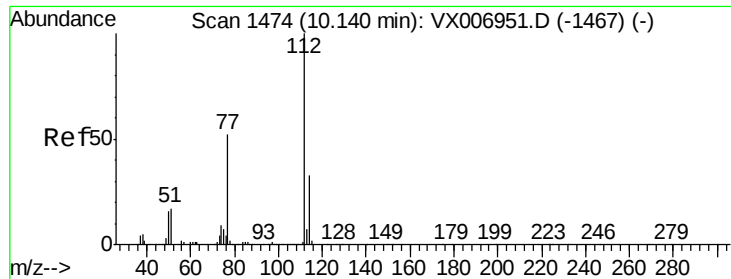
MMDadoda
1/16/2019 9:19:44 AM



#64
Tetrachloroethene
Concen: 53.045 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.5	153.7
129	90.1	75.1	112.7
131	86.5	72.7	109.1





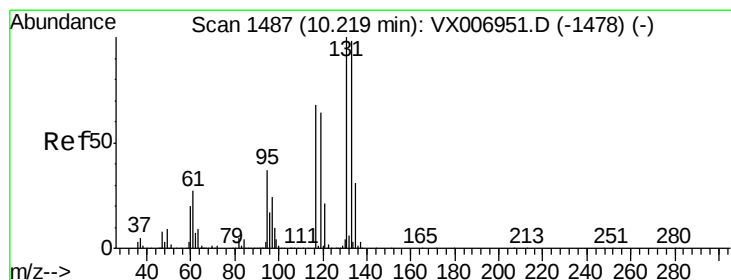
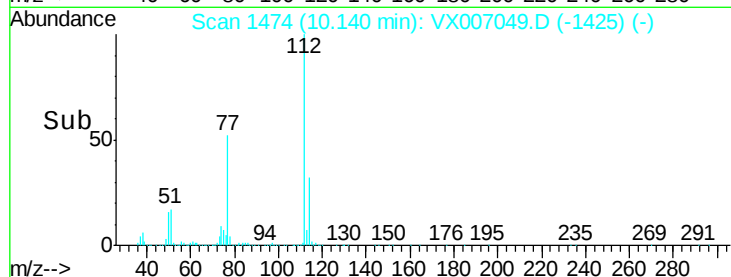
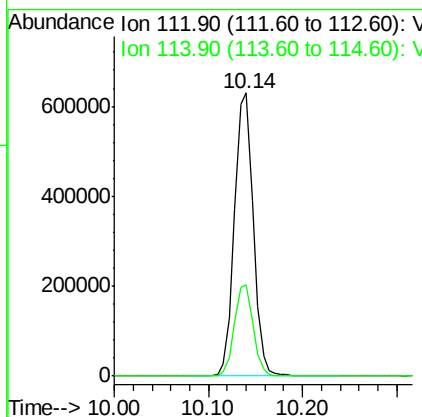
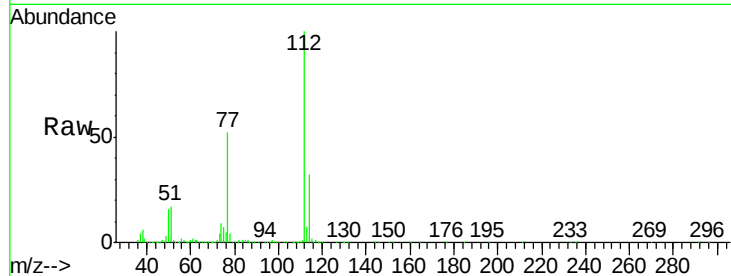
#65
Chlorobenzene
Concen: 54.127 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

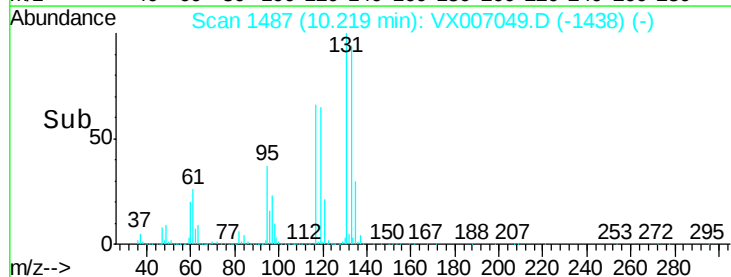
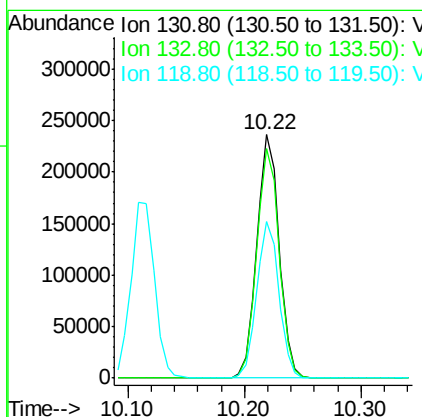
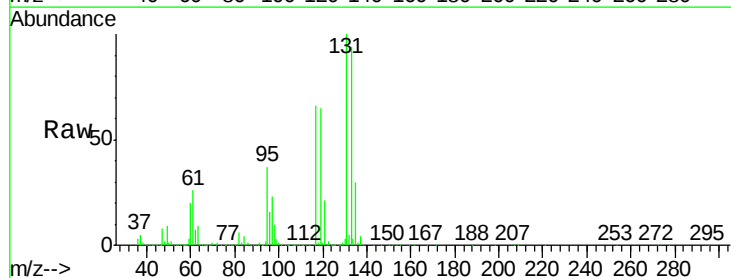
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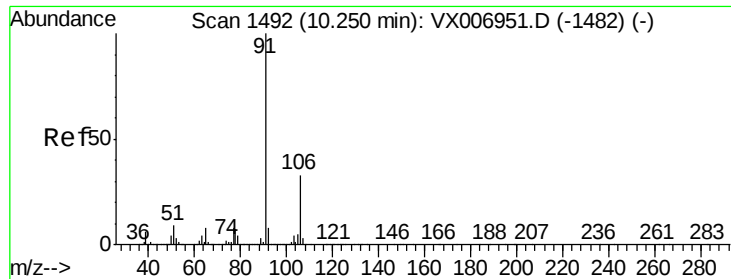
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.305 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.0	144.2
119	64.4	32.6	97.8





#67

Ethyl Benzene

Concen: 54.725 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1459952

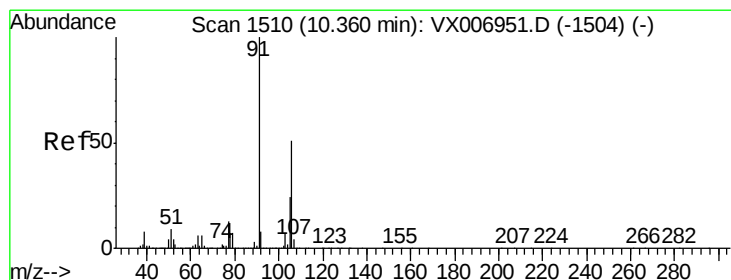
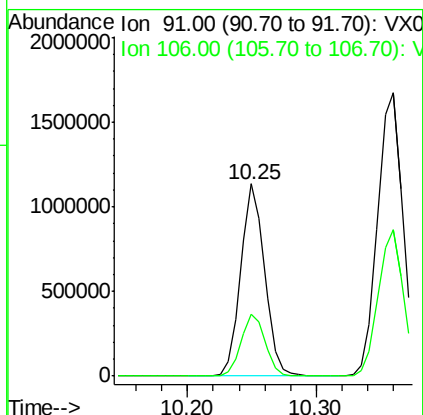
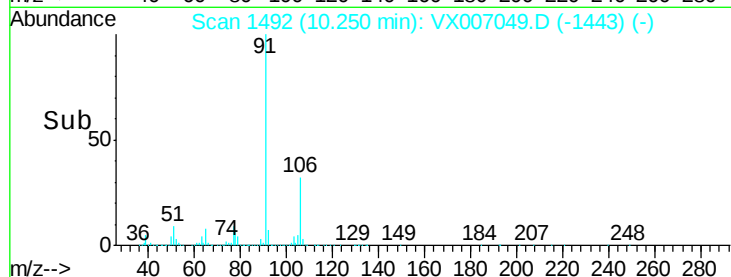
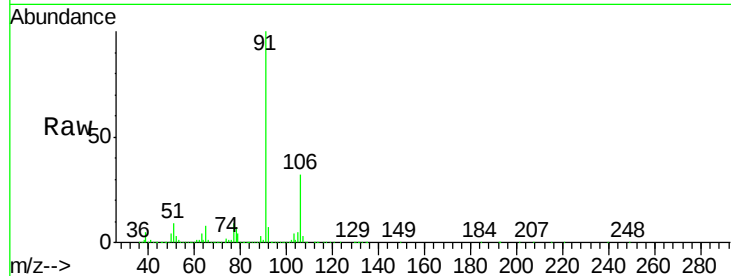
Ion Ratio Lower Upper

91 100

106 31.9 26.4 39.6

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 110.875 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007049.D

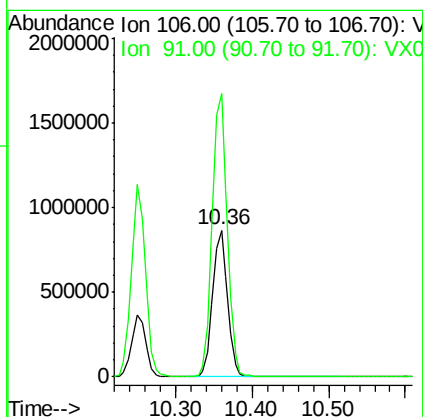
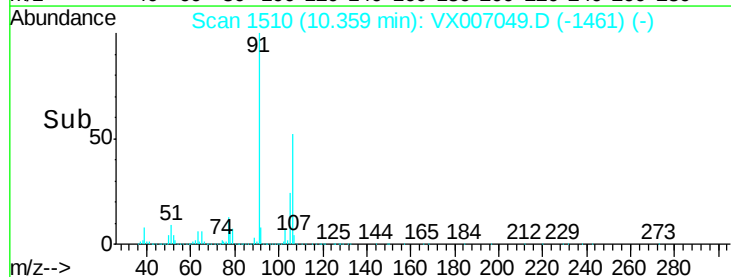
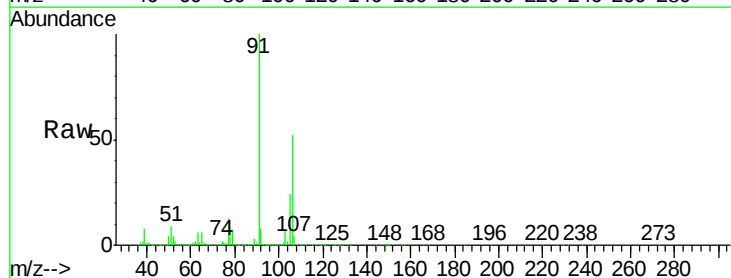
Acq: 15 Jan 2019 10:46

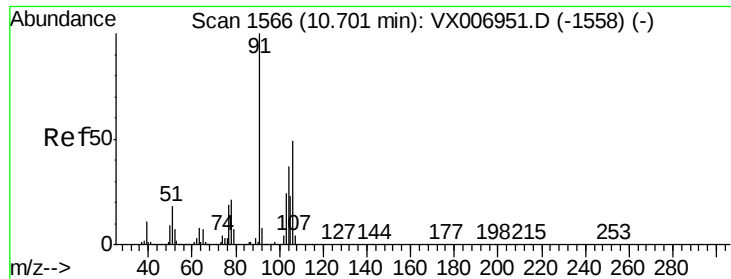
Tgt Ion: 106 Resp: 1165380

Ion Ratio Lower Upper

106 100

91 195.8 155.8 233.6





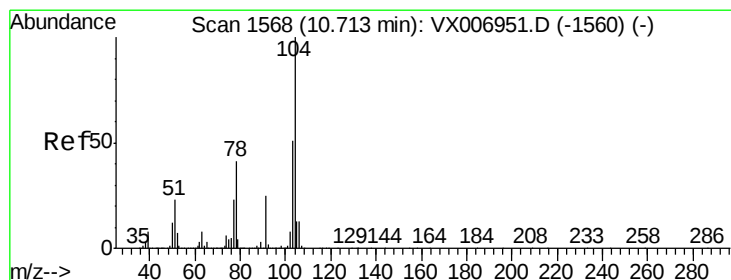
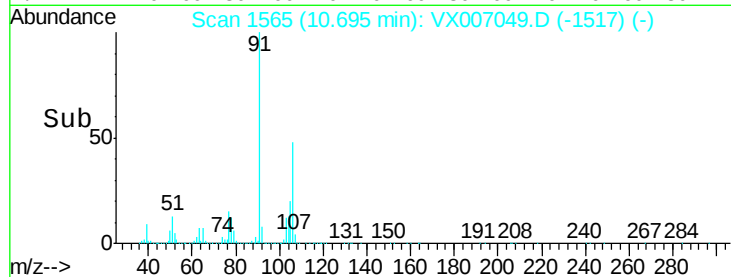
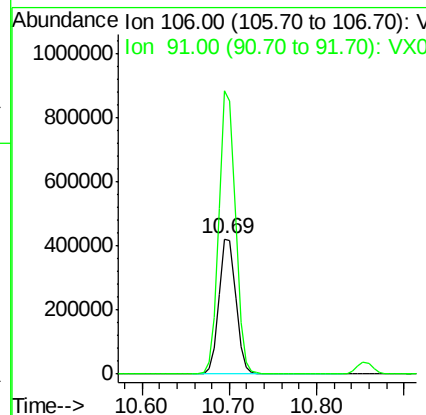
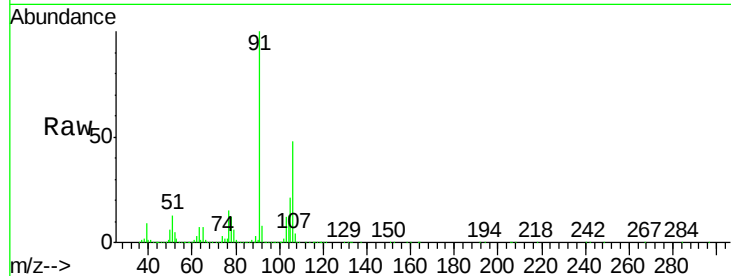
#69
o-Xylene
Concen: 55.208 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.0	101.3	303.7

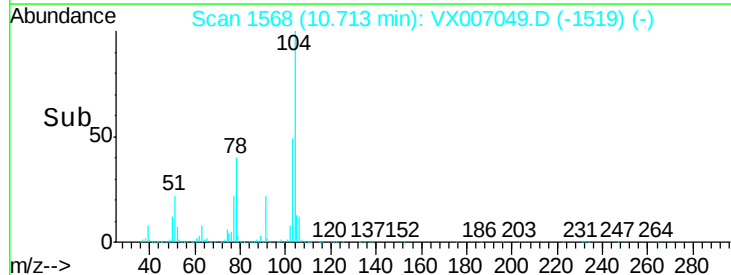
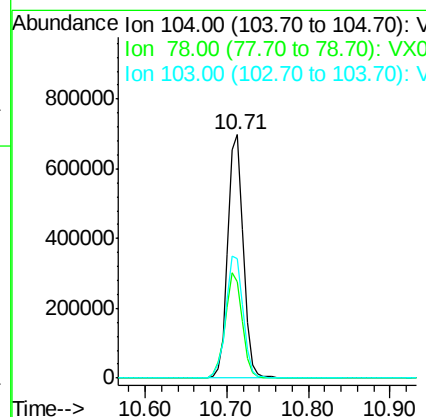
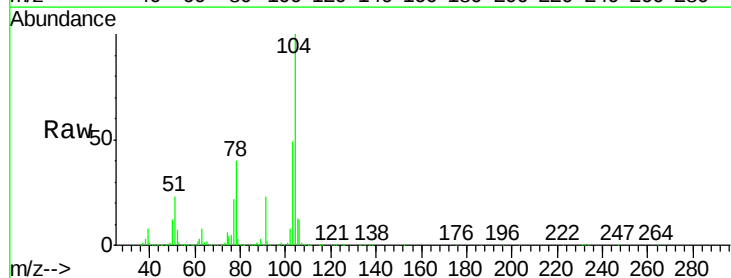
Manual Integrations
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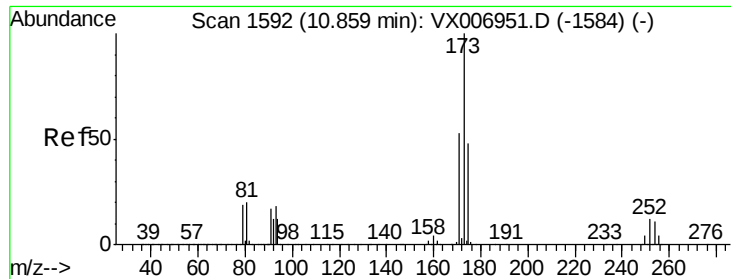
MMDadoda
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#70
Styrene
Concen: 56.764 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.7	56.5
103	55.8	43.8	65.8





#71

Bromoform

Concen: 51.114 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

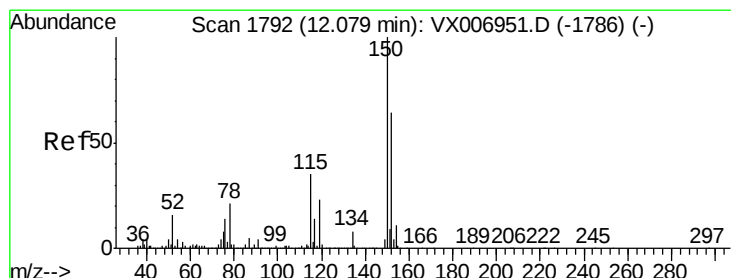
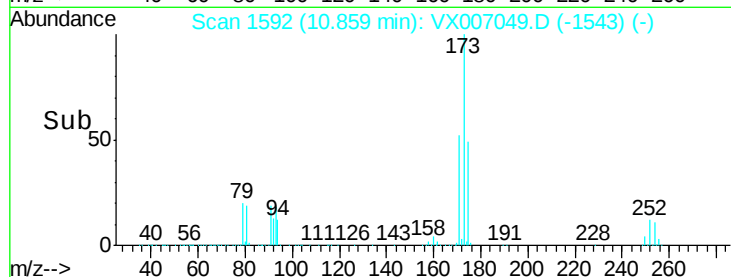
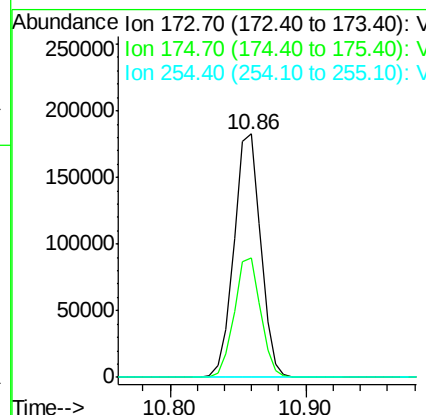
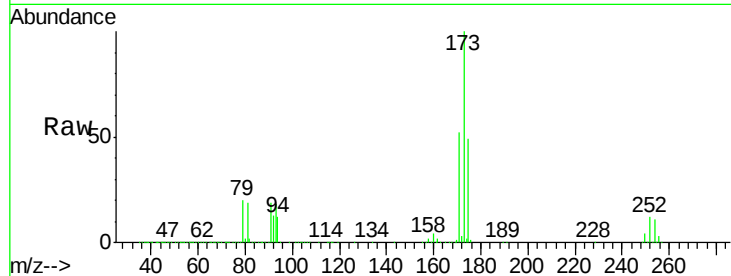
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	249167
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

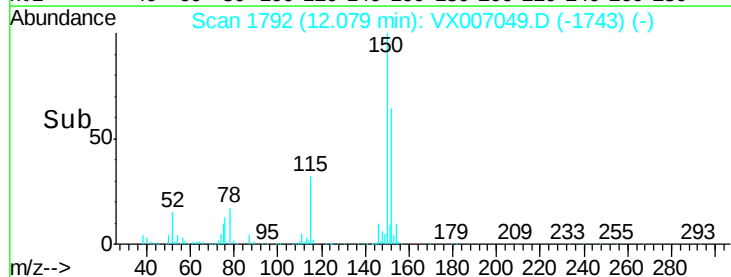
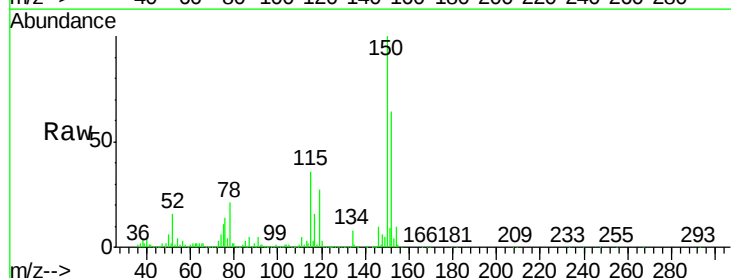
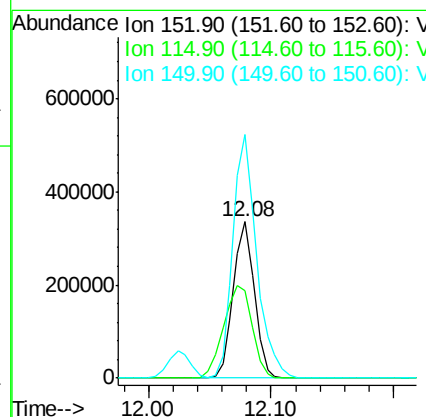
RT: 12.08 min Scan# 1792

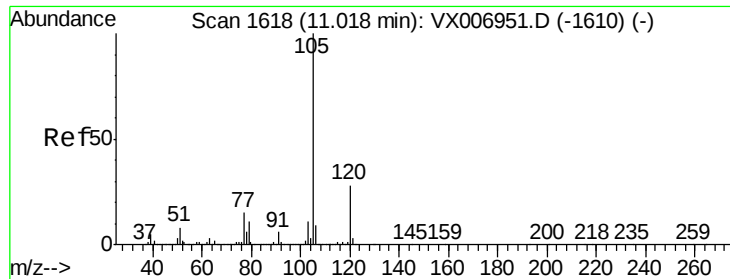
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:	152	Resp:	398662
Ion Ratio	Lower	Upper	
152	100		
115	80.8	39.1	117.2
150	175.3	0.0	344.8





#73

Isopropylbenzene

Concen: 53.405 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1501278

Ion Ratio Lower Upper

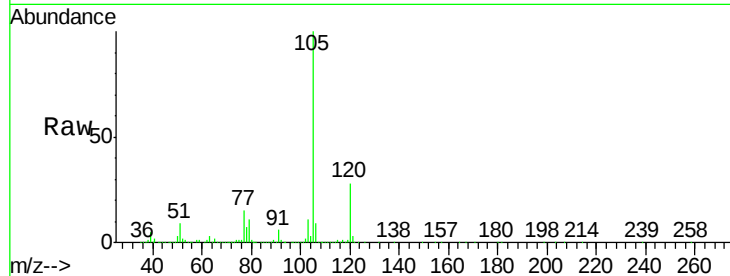
105 100

120 27.6 14.1 42.4

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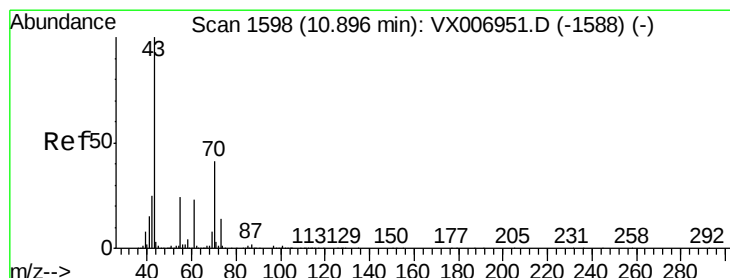
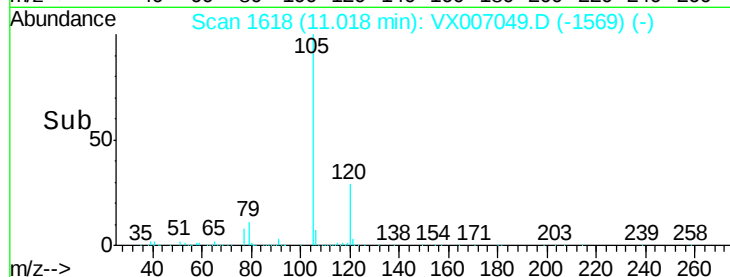
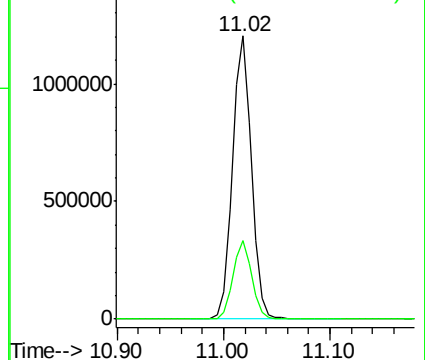
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.145 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion: 43 Resp: 590189

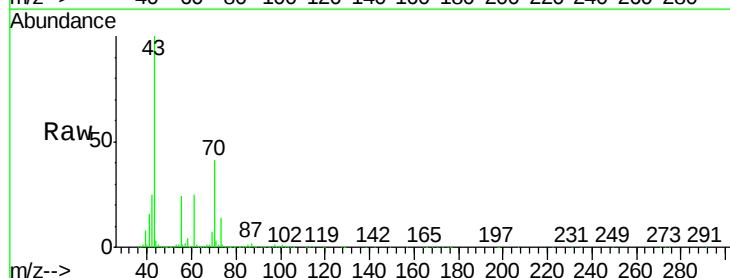
Ion Ratio Lower Upper

43 100

70 42.8 35.8 53.8

55 24.3 19.4 29.0

61 24.3 20.1 30.1

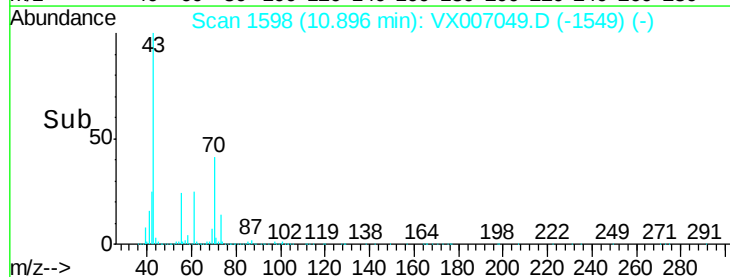
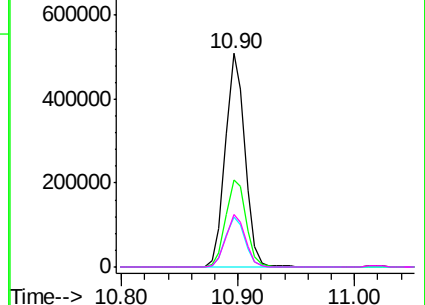


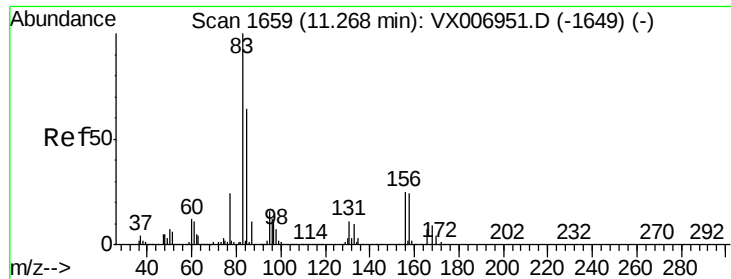
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.250 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 448446

Ion Ratio Lower Upper

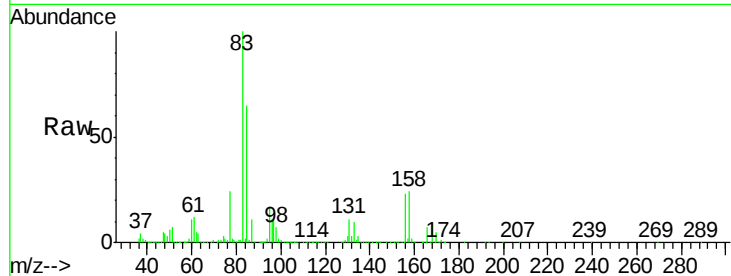
83 100

131 11.1 5.7 17.1

85 64.9 32.2 96.6

Manual Integrations
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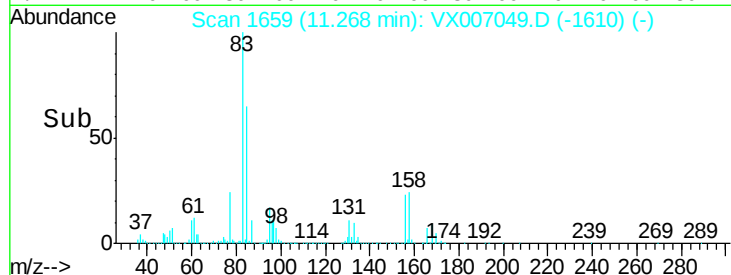


Abundance Ion 82.90 (82.60 to 83.60): VX0

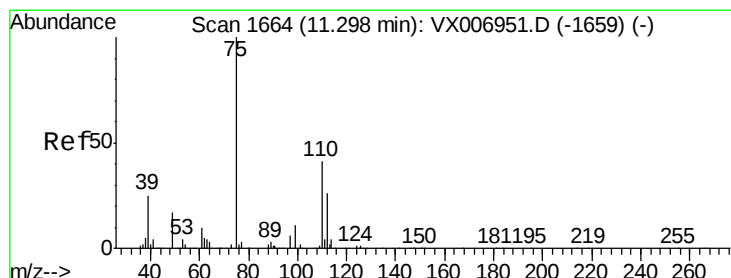
Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 52.820 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007049.D

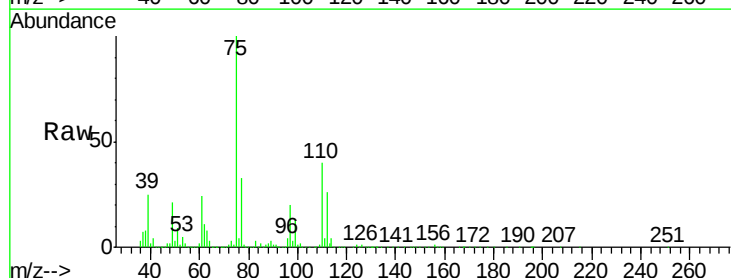
Acq: 15 Jan 2019 10:46

Tgt Ion: 75 Resp: 426717

Ion Ratio Lower Upper

75 100

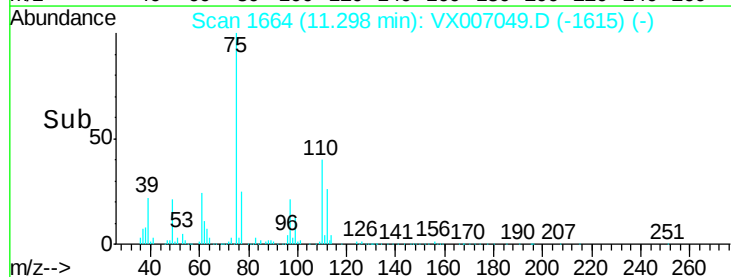
77 38.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

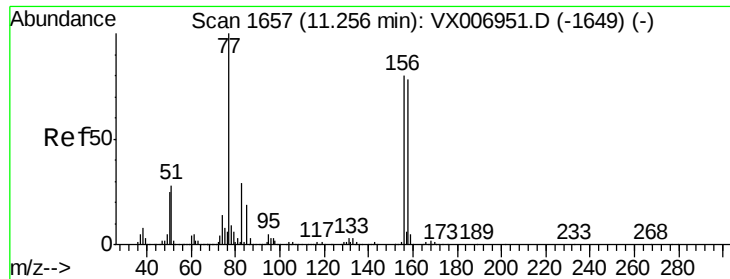
Ion 77.00 (76.70 to 77.70): VX0

Time-->



Time-->

Time-->



#77

Bromobenzene

Concen: 52.580 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

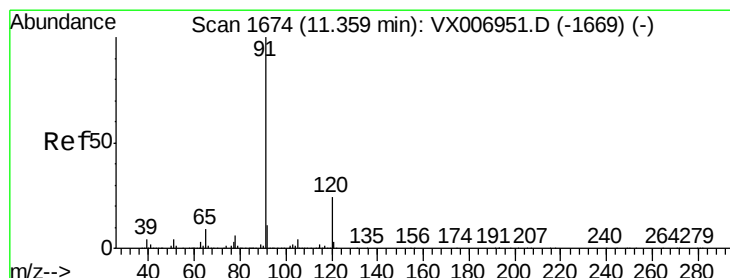
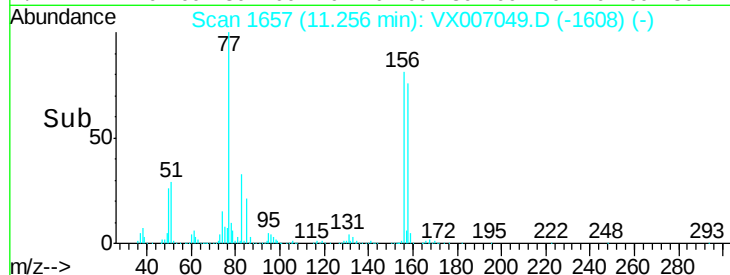
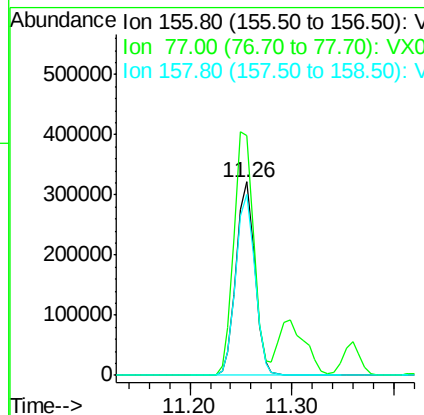
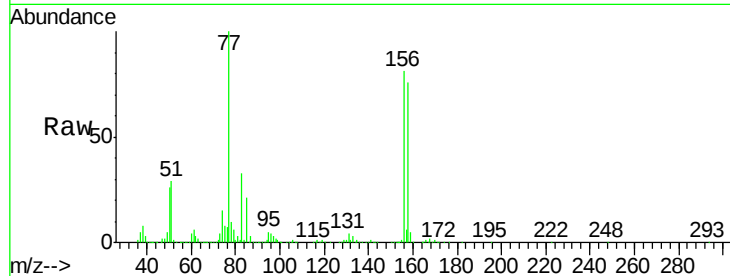
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	134.9	68.0	204.0	
158	96.0	48.3	144.8	

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#78

n-propylbenzene

Concen: 55.816 ug/l

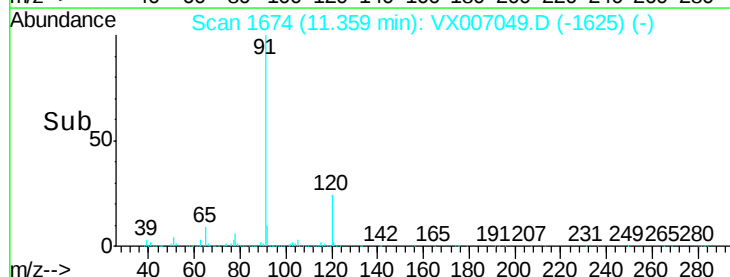
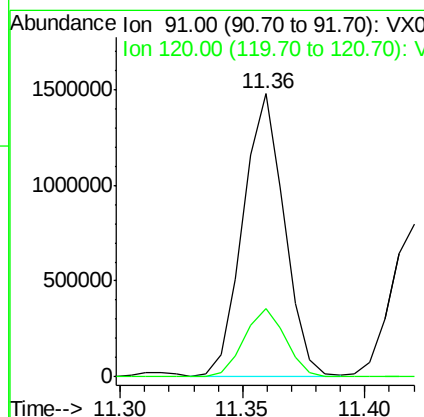
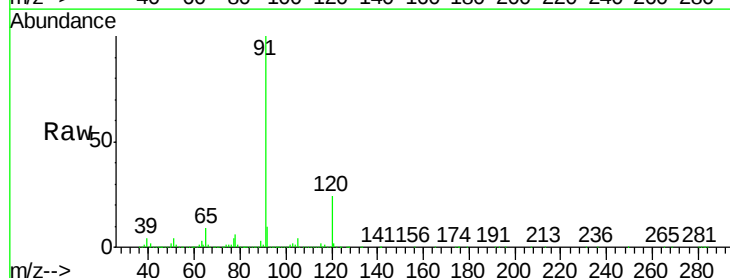
RT: 11.36 min Scan# 1674

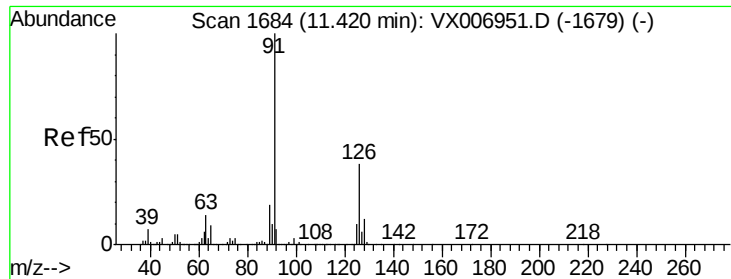
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.6	12.7	38.0	





#79

2-Chlorotoluene

Concen: 52.879 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 982301

Ion Ratio Lower Upper

91 100

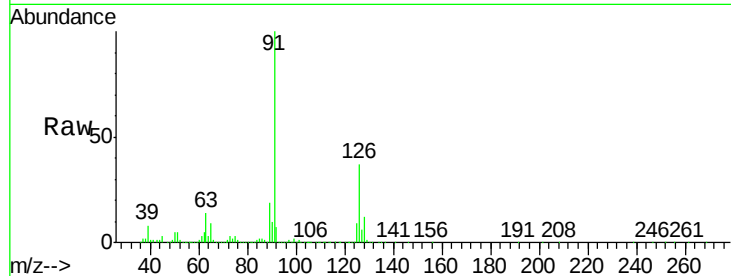
126 37.3 18.6 56.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)

1500000

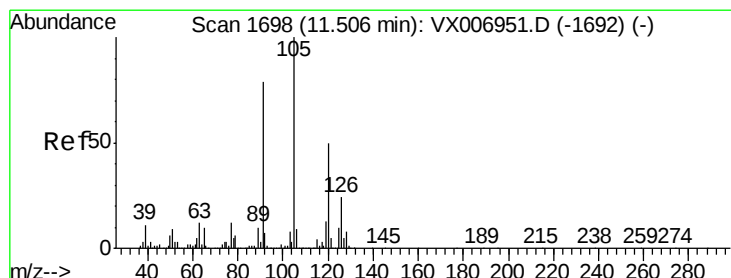
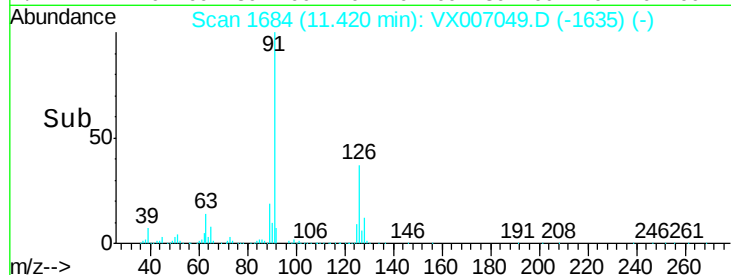
1000000

500000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.340 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007049.D

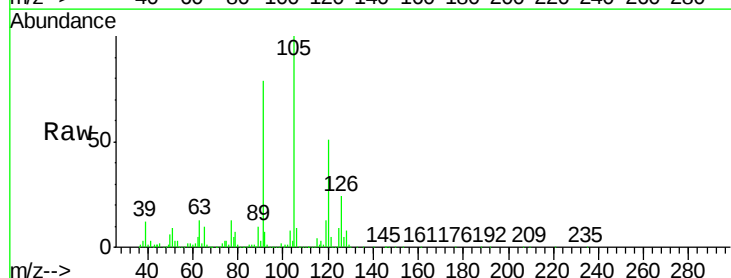
Acq: 15 Jan 2019 10:46

Tgt Ion: 105 Resp: 1252909

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)

1200000

1000000

800000

600000

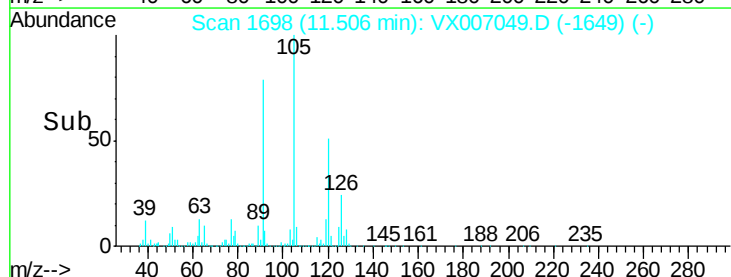
400000

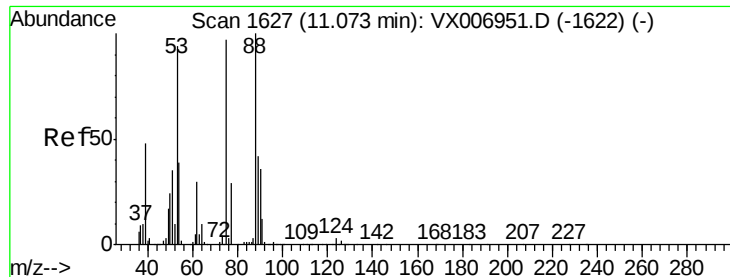
200000

0

11.40 11.50 11.60

Time-->





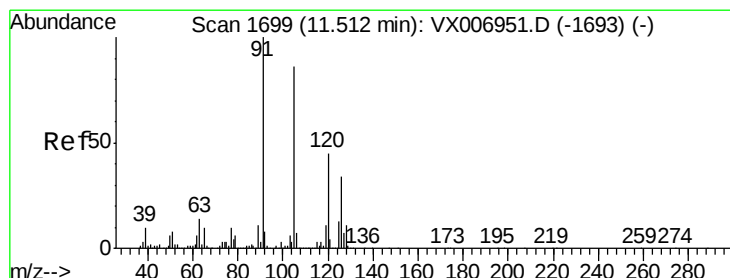
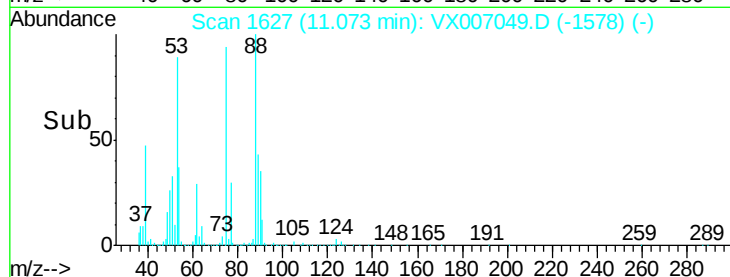
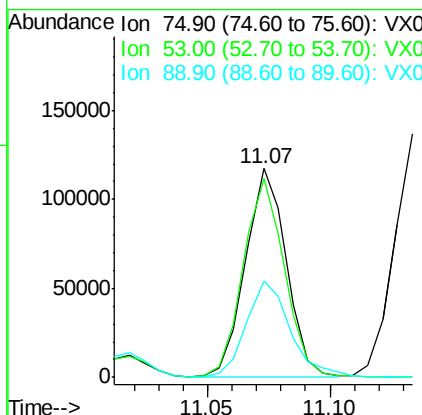
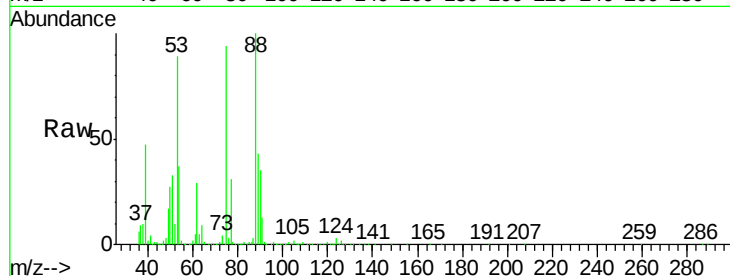
#81
trans-1,4-Dichloro-2-butene
Concen: 51.055 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	79.7	119.5
89	50.0	38.0	57.0

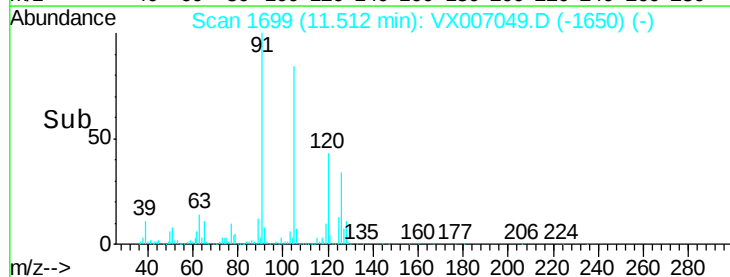
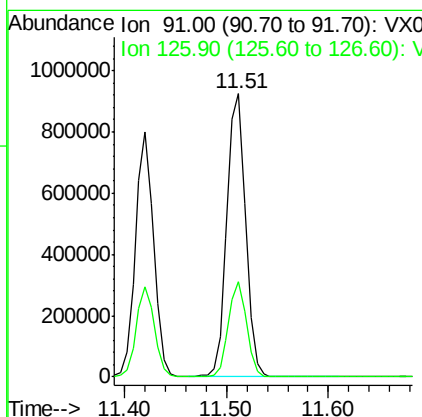
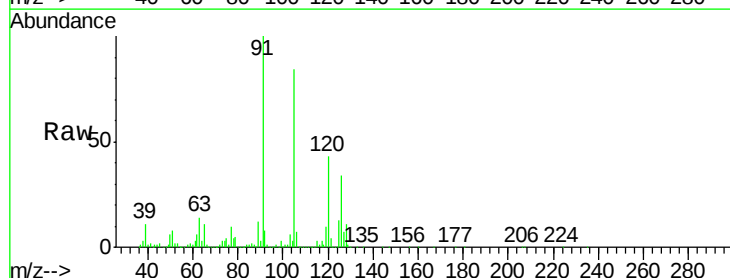
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#82
4-Chlorotoluene
Concen: 54.500 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.3	48.9





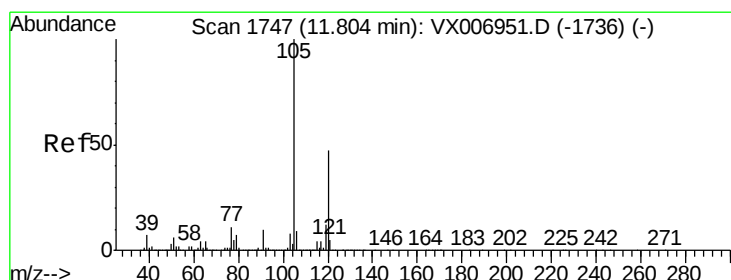
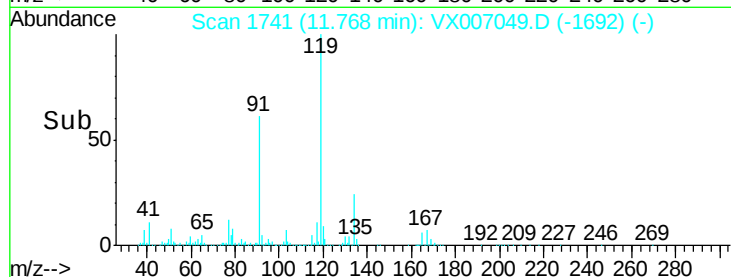
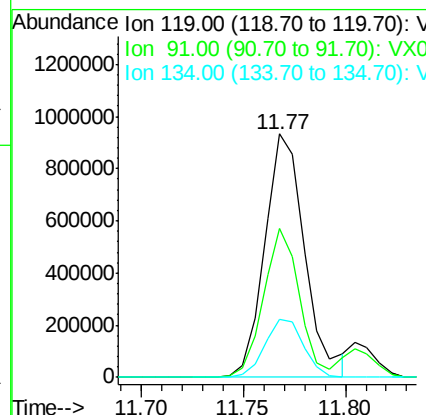
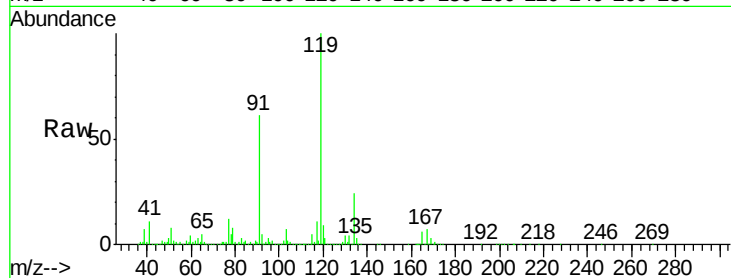
#83
 tert-Butylbenzene
 Concen: 54.420 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.9	27.7	83.1
134	23.1	11.9	35.5

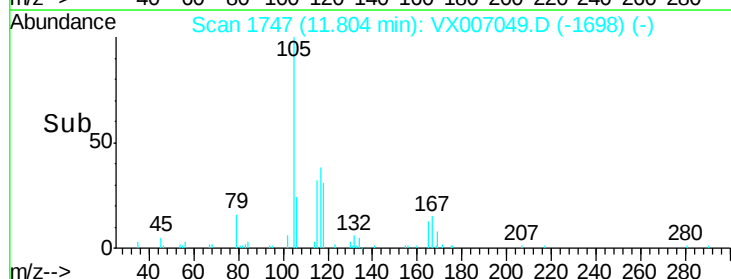
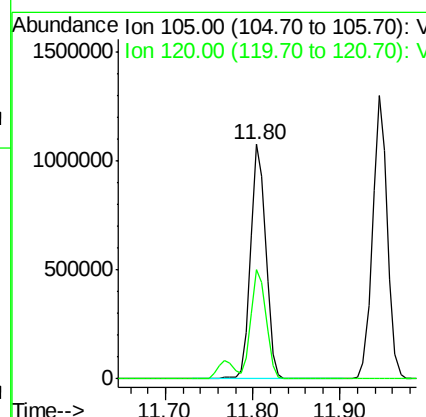
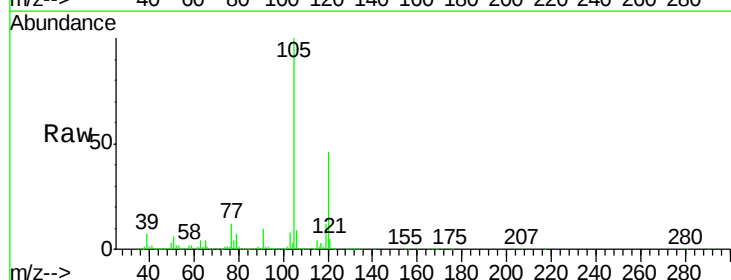
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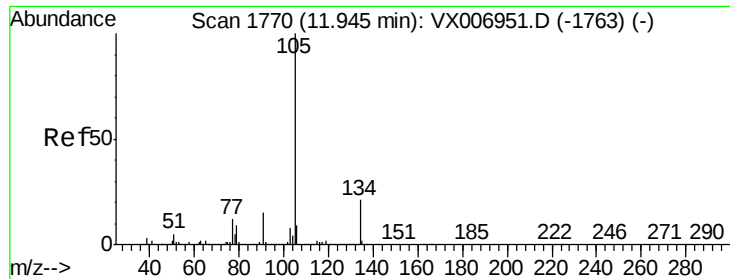
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.672 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.2	69.6





#85

sec-Butylbenzene

Concen: 55.136 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1543180

Ion Ratio Lower Upper

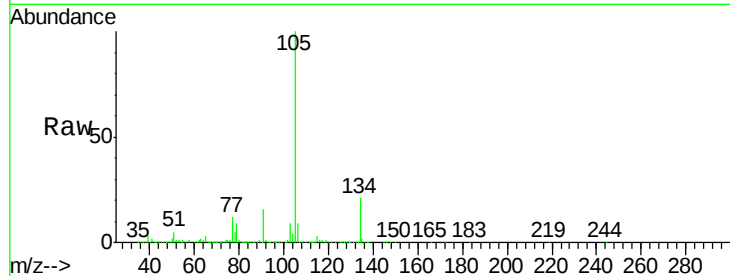
105 100

134 21.1 10.7 31.9

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1500000

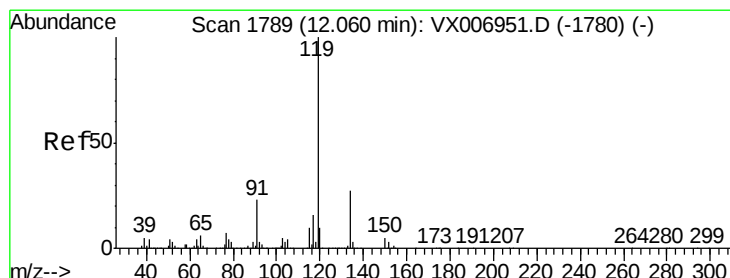
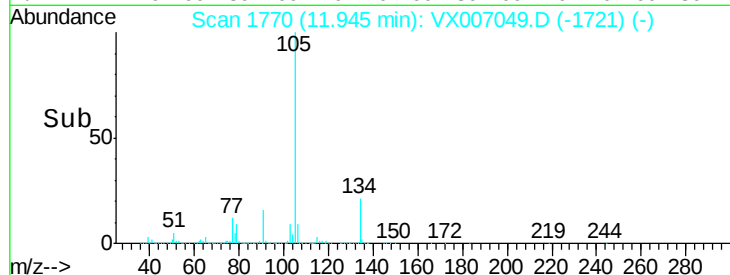
11.94

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.685 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

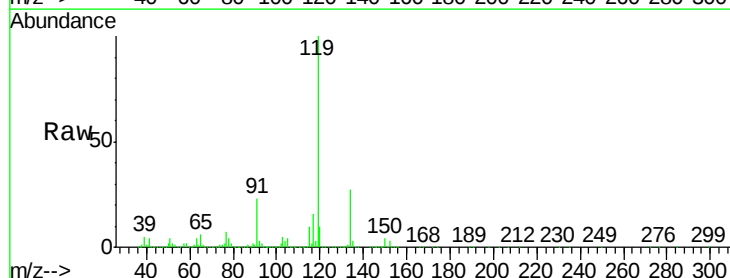
Tgt Ion:119 Resp: 1394070

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

91 22.5 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): V

1500000

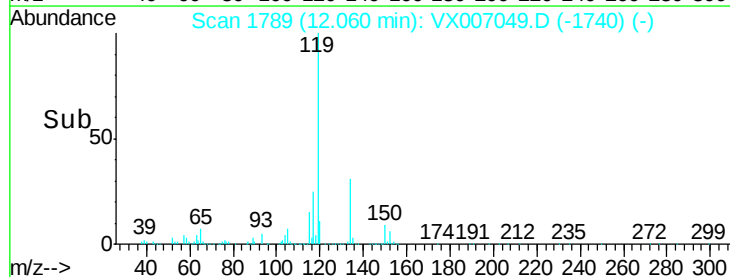
12.06

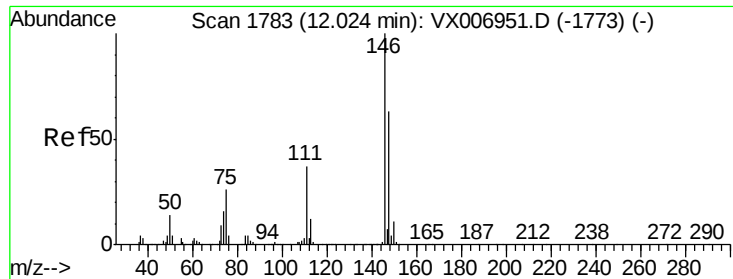
1000000

500000

0

Time-->





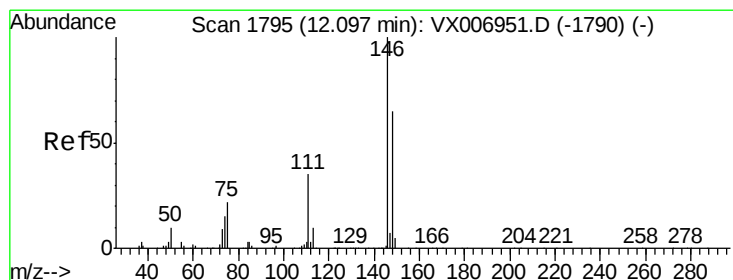
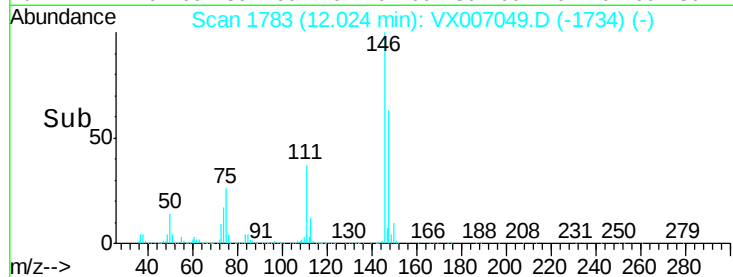
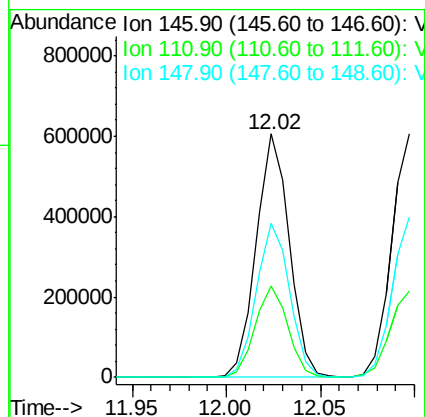
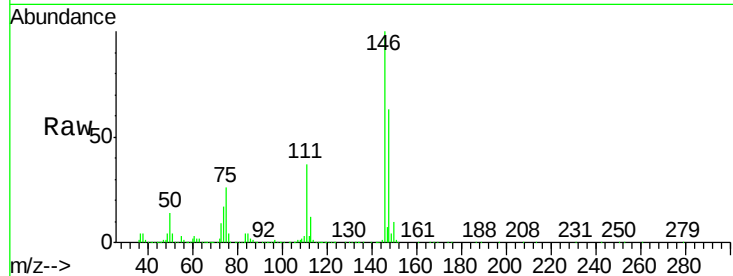
#87
 1,3-Dichlorobenzene
 Concen: 52.736 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	63.7	31.8	95.3

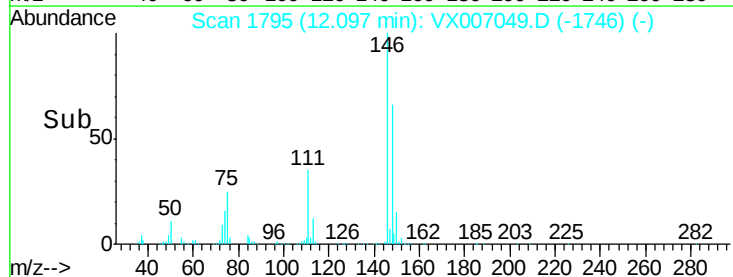
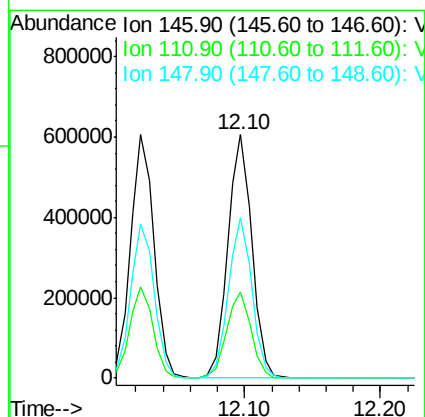
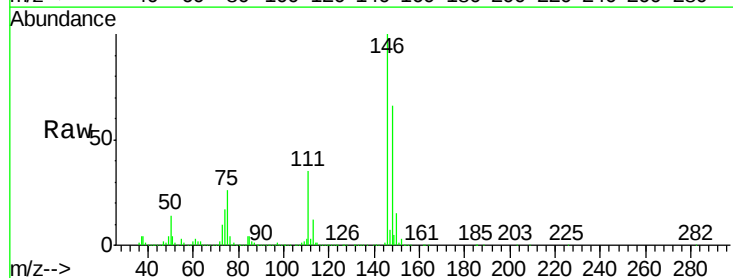
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#88
 1,4-Dichlorobenzene
 Concen: 55.557 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.7	31.9	95.9





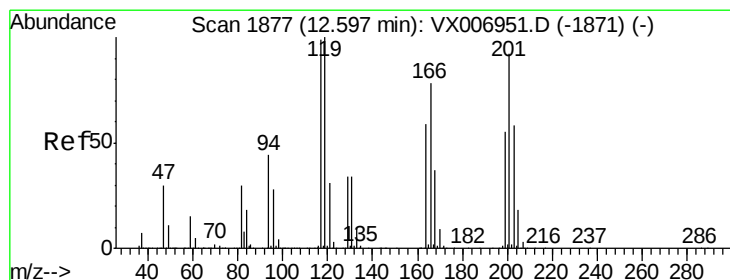
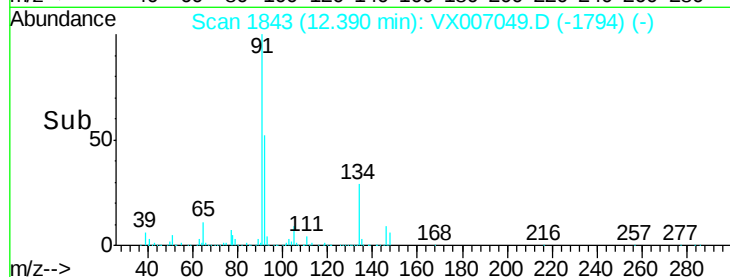
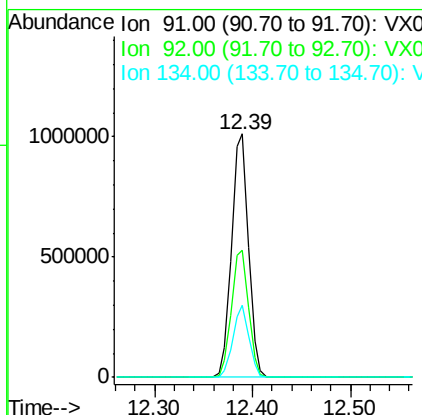
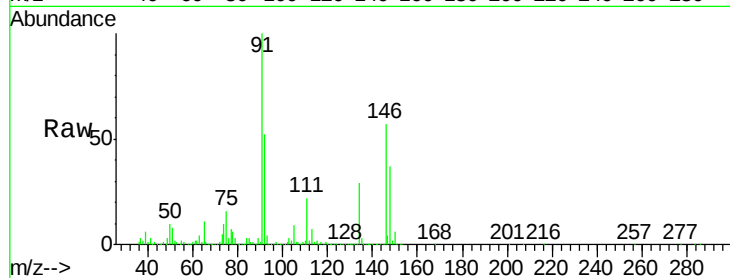
#89
n-Butylbenzene
Concen: 57.042 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.1	14.4	43.2

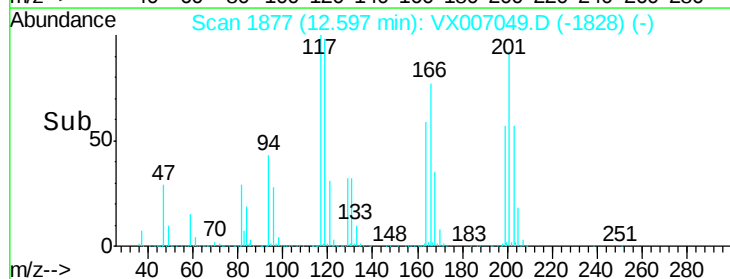
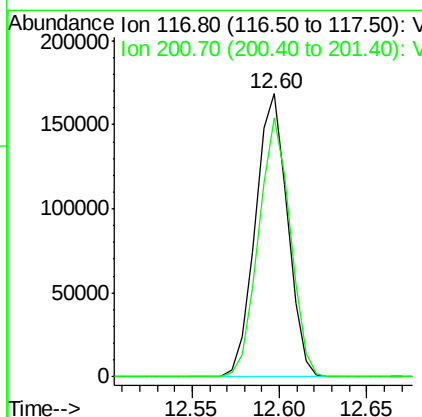
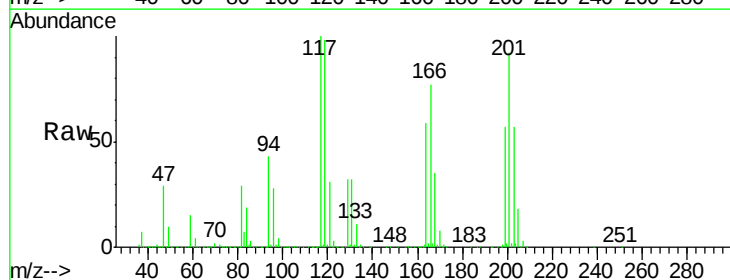
Manual Integrations
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1/16/2019 9:19:44 AM



#90
Hexachloroethane
Concen: 53.763 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	42.9	128.7





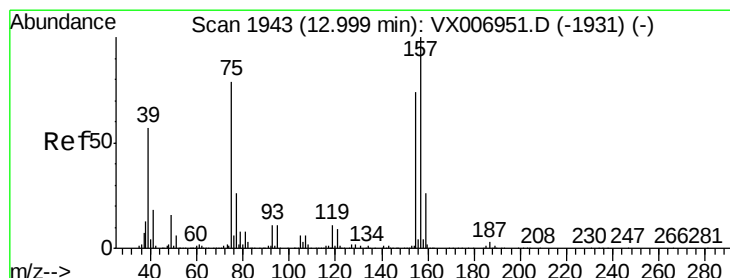
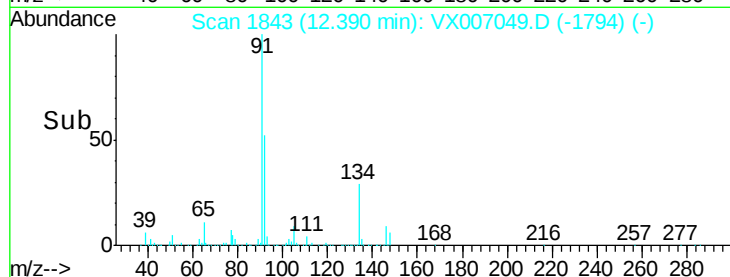
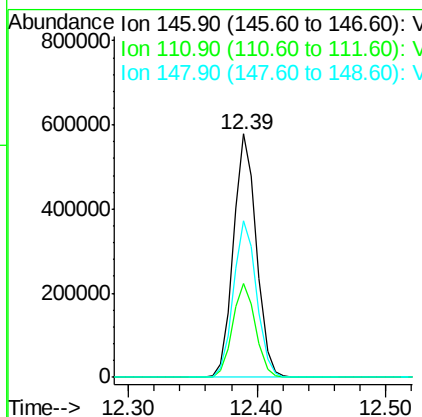
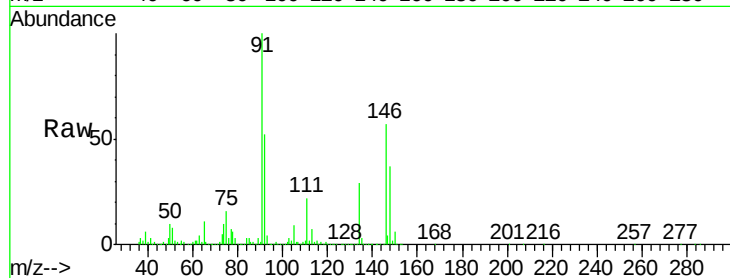
#91
 1,2-Dichlorobenzene
 Concen: 52.098 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.8	32.3	96.9

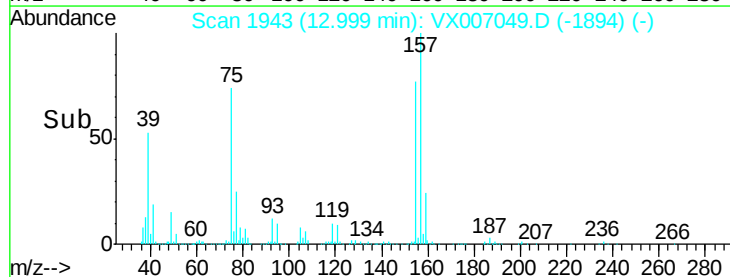
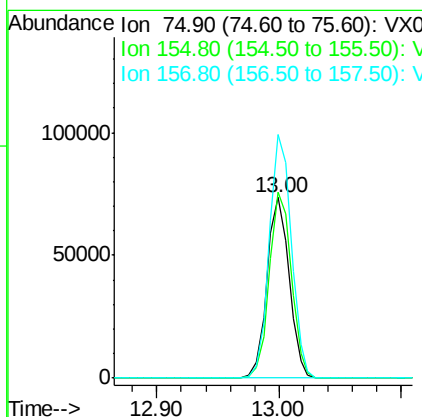
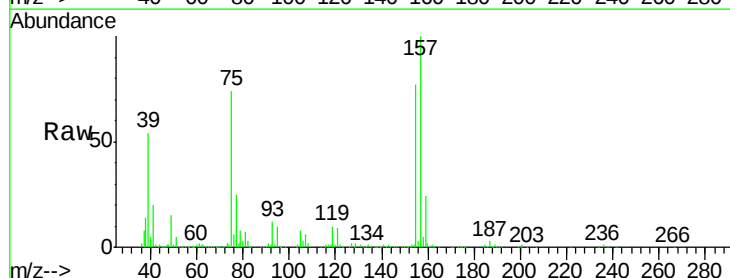
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.500 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	50.6	151.8
157	134.6	64.6	193.8





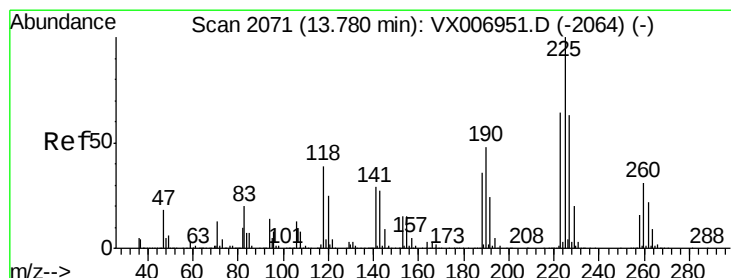
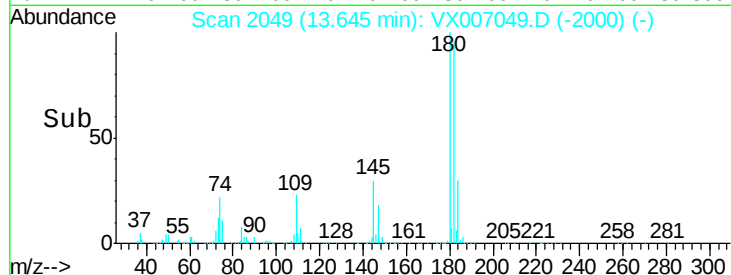
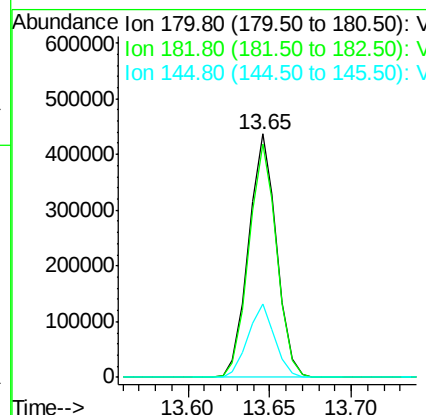
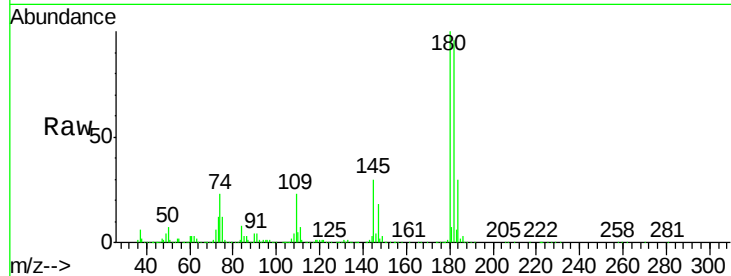
#93
 1,2,4-Trichlorobenzene
 Concen: 54.989 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	521237		
182	95.4	47.3	142.0	
145	29.0	14.8	44.3	

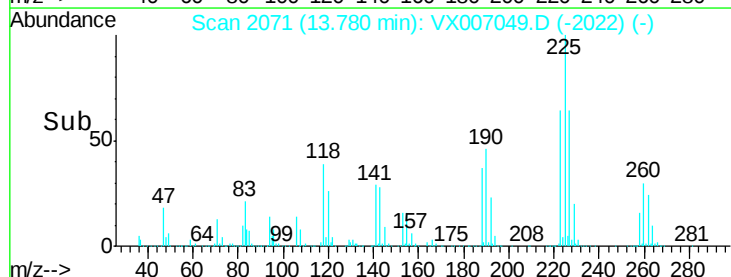
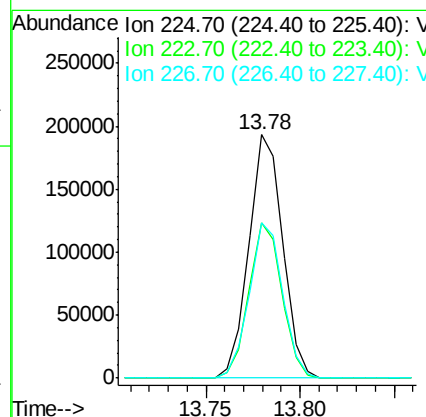
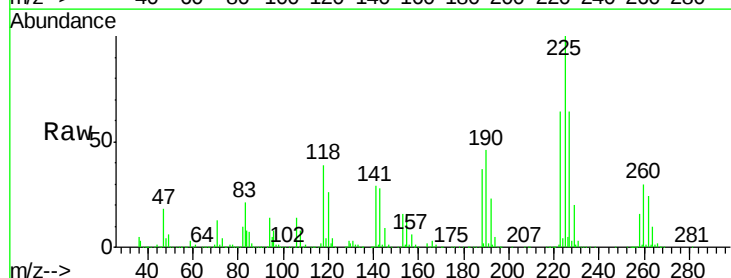
Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:19:44 AM



#94
 Hexachlorobutadiene
 Concen: 57.153 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	240409		
223	62.4	32.1	96.3	
227	63.2	32.3	96.8	





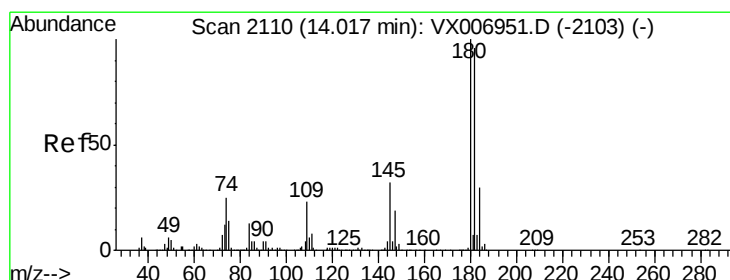
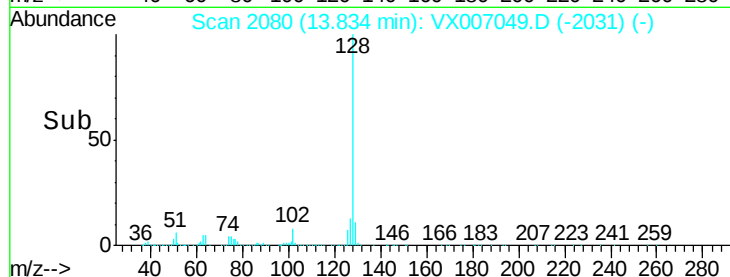
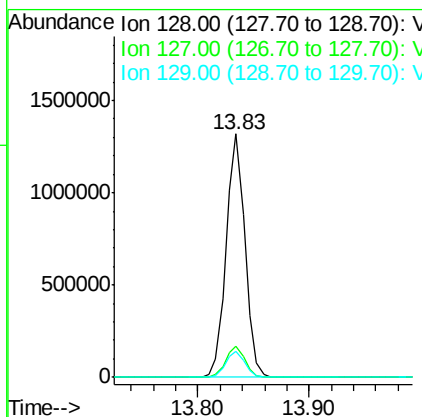
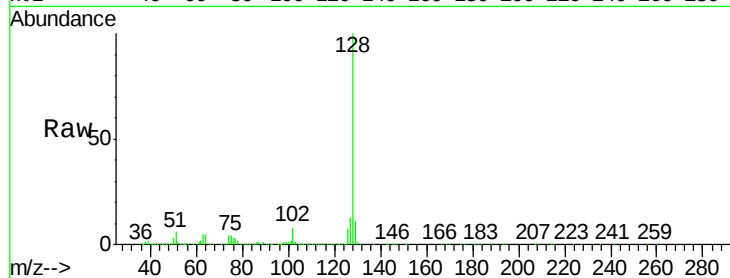
#95
Naphthalene
Concen: 53.399 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/16/2019 9:19:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.149 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.5
145	30.4	16.0	47.9

