

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011840.D
 Acq On : 27 Aug 2019 11:08
 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
 8/28/2019 11:44:27 AM

Quant Time: Aug 28 02:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	564127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	508879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	211989	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.49	113	180062	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.71	98	654505	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.13	95	258054	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	191682	49.842	ug/l	99
3) Chloromethane	1.32	50	175066	51.908	ug/l	97
4) Vinyl Chloride	1.40	62	166631	49.423	ug/l	100
5) Bromomethane	1.63	94	80215	43.188	ug/l	98
6) Chloroethane	1.71	64	91999	46.671	ug/l	100
7) Trichlorofluoromethane	1.92	101	255592	47.616	ug/l	99
8) Diethyl Ether	2.18	74	85179	46.668	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	160745	48.394	ug/l	98
10) Methyl Iodide	2.50	142	208932	51.498	ug/l	98
11) Tert butyl alcohol	3.04	59	235904	288.398	ug/l	99
12) 1,1-Dichloroethene	2.36	96	153490	47.391	ug/l	94
13) Acrolein	2.29	56	77304	244.481	ug/l	93
14) Allyl chloride	2.71	41	305344	60.318	ug/l	97
15) Acrylonitrile	3.13	53	476503	254.685	ug/l	100
16) Acetone	2.43	43	470410	261.237	ug/l	100
17) Carbon Disulfide	2.56	76	437068	53.373	ug/l	99
18) Methyl Acetate	2.76	43	275295	56.342	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	541595	52.130	ug/l	96
20) Methylene Chloride	2.85	84	168360	45.732	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	162776	46.595	ug/l	92
22) Diisopropyl ether	3.84	45	555218	56.561	ug/l	93
23) Vinyl Acetate	3.80	43	2350192	289.165	ug/l	97
24) 1,1-Dichloroethane	3.68	63	295268	50.945	ug/l	99
25) 2-Butanone	4.66	43	703213	272.072	ug/l	96
26) 2,2-Dichloropropane	4.57	77	282469	57.390	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	188096	46.951	ug/l	94
28) Bromochloromethane	5.00	49	158985	60.429	ug/l	88
29) Tetrahydrofuran	5.12	42	438661	264.759	ug/l	96
30) Chloroform	5.20	83	300455	47.782	ug/l	100
31) Cyclohexane	5.57	56	280498	55.107	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	283125	51.798	ug/l	98
36) 1,1-Dichloropropene	5.79	75	229522	51.884	ug/l	98
37) Ethyl Acetate	4.82	43	267686	57.181	ug/l	97
38) Carbon Tetrachloride	5.78	117	265551	52.968	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	291847	53.238	ug/l	95
40) Benzene	6.13	78	660159	48.241	ug/l	100
41) Methacrylonitrile	5.03	41	145995	53.623	ug/l	95
42) 1,2-Dichloroethane	6.18	62	240942	48.164	ug/l	100
43) Isopropyl Acetate	6.43	43	445895	58.848	ug/l	98
44) Trichloroethene	7.21	130	195058	46.239	ug/l	98
45) 1,2-Dichloropropane	7.51	63	172430	50.129	ug/l	98
46) Dibromomethane	7.65	93	117861	46.476	ug/l	97
47) Bromodichloromethane	7.89	83	251203	55.027	ug/l	97
48) Methyl methacrylate	7.76	41	216971	57.539	ug/l	93
49) 1,4-Dioxane	7.73	88	93792	897.718	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	1317296	263.845	ug/l	98
52) Toluene	8.78	92	423020	47.768	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	287903	60.076	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	300006	57.384	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	171677	46.531	ug/l	99
56) Ethyl methacrylate	9.17	69	290900	55.440	ug/l	92
57) 1,3-Dichloropropane	9.37	76	288107	48.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	773683	280.304	ug/l	99
59) 2-Hexanone	9.49	43	1035549	270.235	ug/l	98
60) Dibromochloromethane	9.58	129	217721	54.579	ug/l	99
61) 1,2-Dibromoethane	9.66	107	186850	47.199	ug/l	100
64) Tetrachloroethene	9.33	164	190546	46.936	ug/l	97
65) Chlorobenzene	10.13	112	470047	47.312	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	192189	51.631	ug/l	99
67) Ethyl Benzene	10.25	91	827971	49.870	ug/l	100
68) m/p-Xylenes	10.35	106	636784	99.471	ug/l	99
69) o-Xylene	10.69	106	308726	49.119	ug/l	100
70) Styrene	10.71	104	533341	50.725	ug/l	99
71) Bromoform	10.85	173	189050	58.873	ug/l #	97
73) Isopropylbenzene	11.01	105	830519	49.174	ug/l	100
74) N-amyl acetate	10.89	43	397003	60.715	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	265771	47.541	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	249080m	50.649	ug/l	
77) Bromobenzene	11.25	156	231334	46.461	ug/l	95
78) n-propylbenzene	11.35	91	948356	52.512	ug/l	98
79) 2-Chlorotoluene	11.41	91	557540	49.623	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	712040	50.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	105005	64.394	ug/l	96
82) 4-Chlorotoluene	11.51	91	654553	50.541	ug/l	98
83) tert-Butylbenzene	11.77	119	734645	52.839	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	724103	50.884	ug/l	98
85) sec-Butylbenzene	11.94	105	828157	52.072	ug/l	99
86) p-Isopropyltoluene	12.06	119	800535	52.316	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	414127	48.298	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	414305	47.758	ug/l	100
89) n-Butylbenzene	12.38	91	690167	54.484	ug/l	98
90) Hexachloroethane	12.59	117	157920	66.429	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	403720	46.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70624	54.348	ug/l	93

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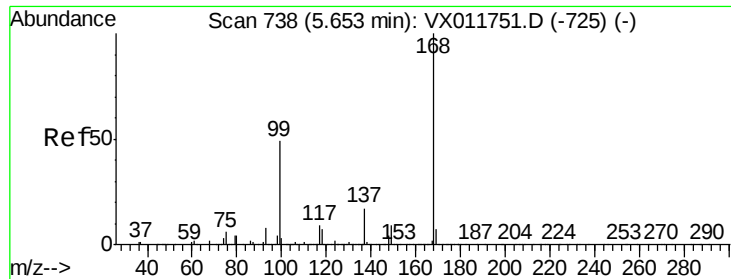
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	325740	51.206	ug/l	99
94) Hexachlorobutadiene	13.78	225	186959	53.634	ug/l	99
95) Naphthalene	13.83	128	891951	50.909	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	316537	49.556	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 412070

Ion Ratio Lower Upper

168 100

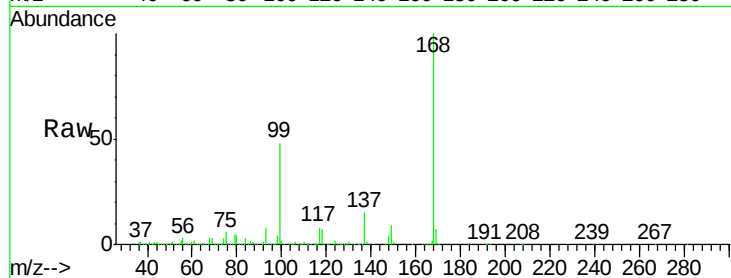
99 47.7 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

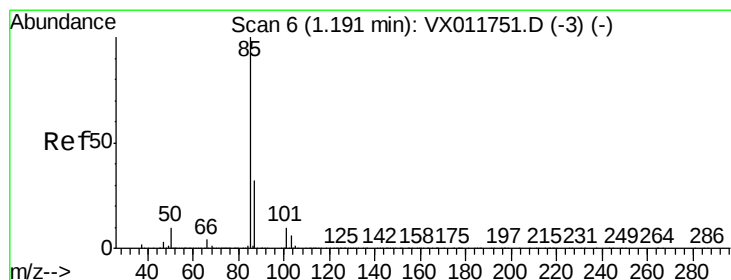
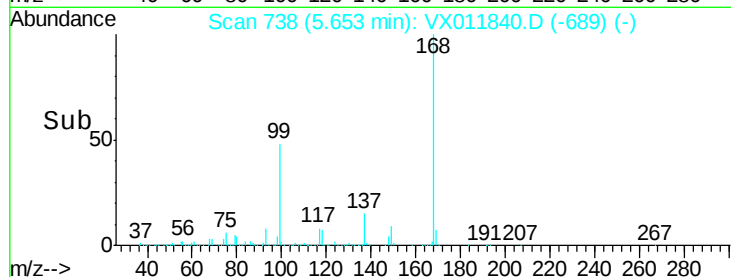
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.842 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011840.D

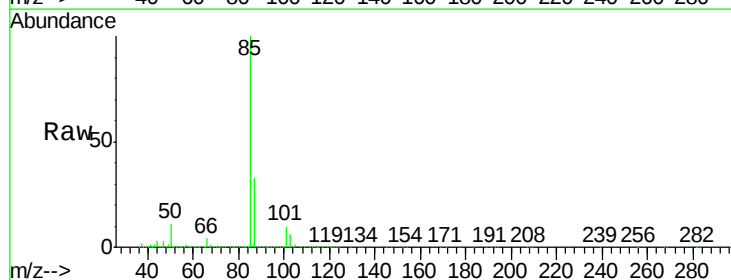
Acq: 27 Aug 2019 11:08

Tgt Ion: 85 Resp: 191682

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

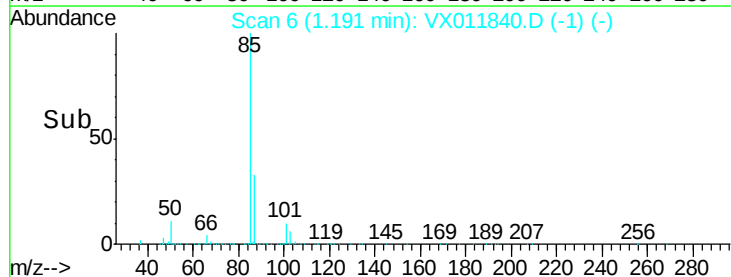
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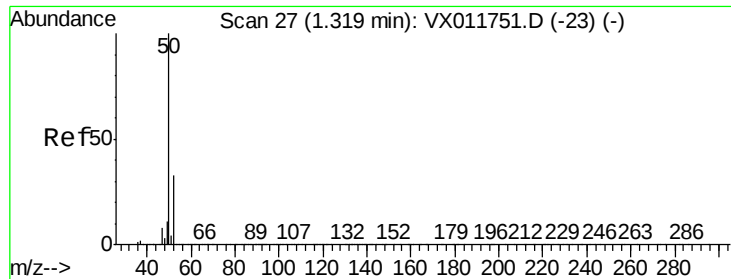
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.908 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 175066

Ion Ratio Lower Upper

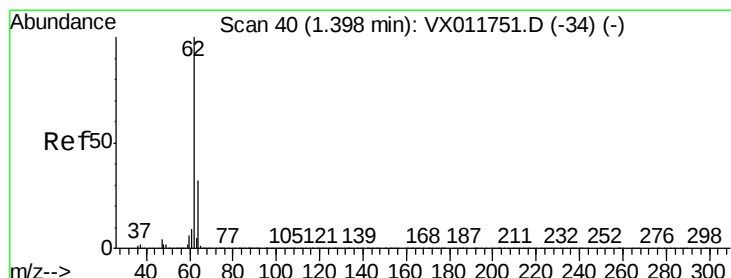
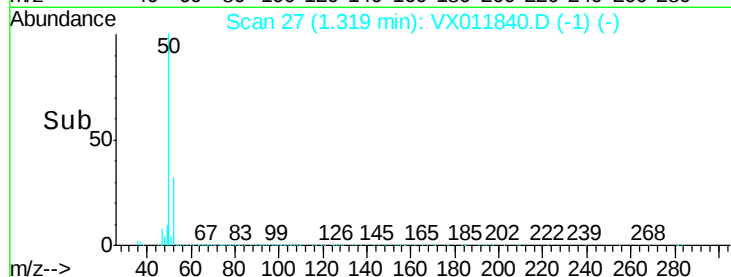
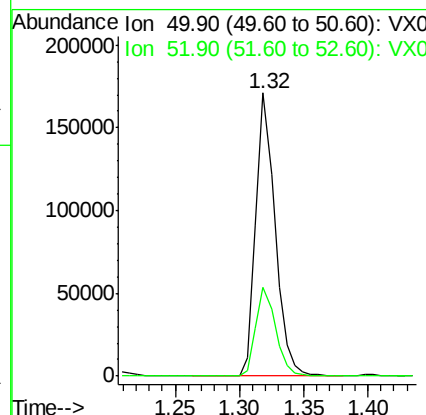
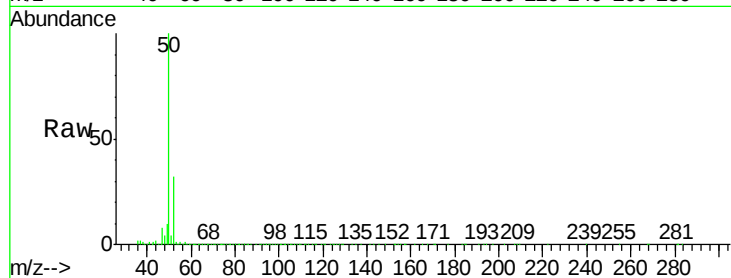
50 100

52 31.5 26.6 39.8

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#4

Vinyl Chloride

Concen: 49.423 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011840.D

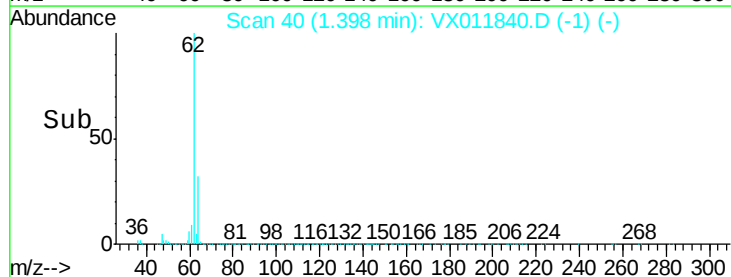
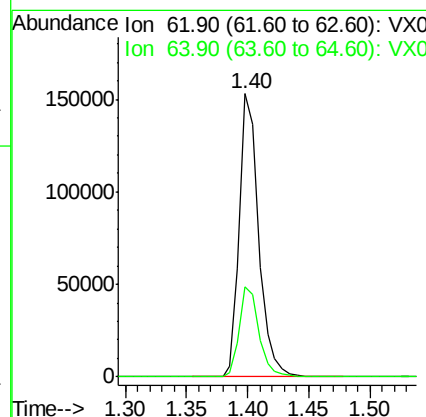
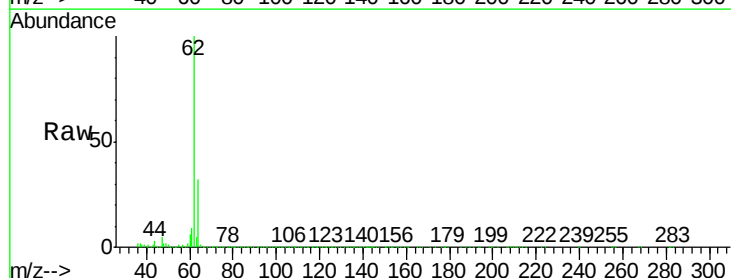
Acq: 27 Aug 2019 11:08

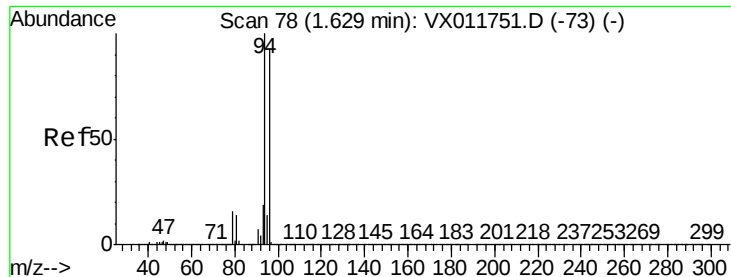
Tgt Ion: 62 Resp: 166631

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 43.188 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 80215

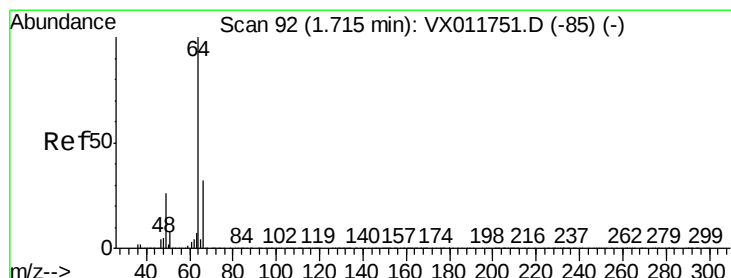
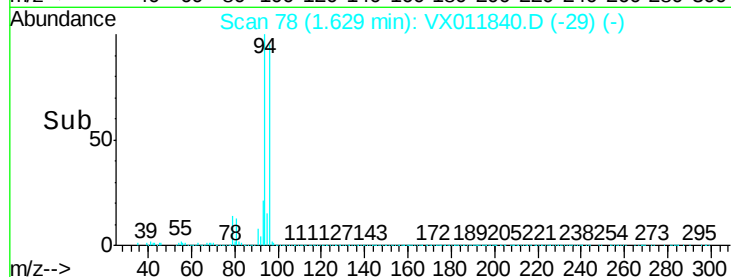
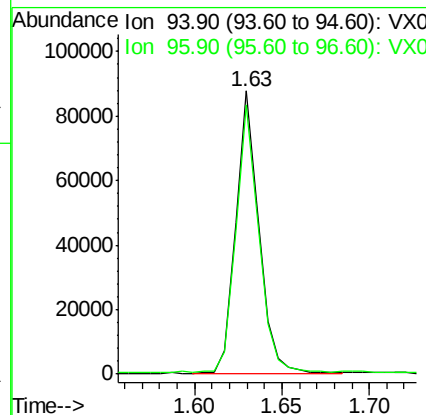
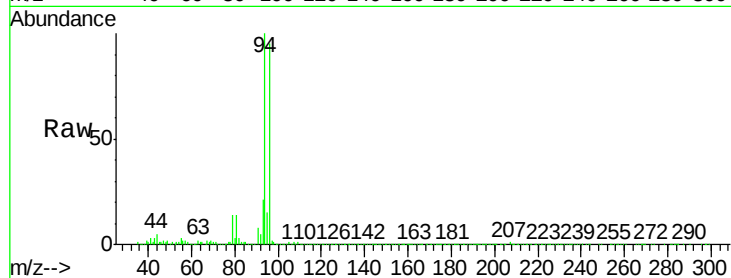
Ion Ratio Lower Upper

94 100

96 94.6 74.1 111.1

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#6

Chloroethane

Concen: 46.671 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011840.D

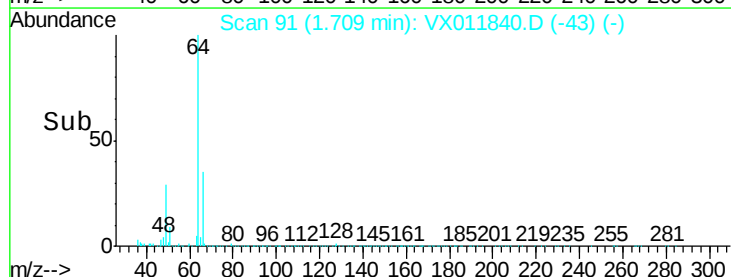
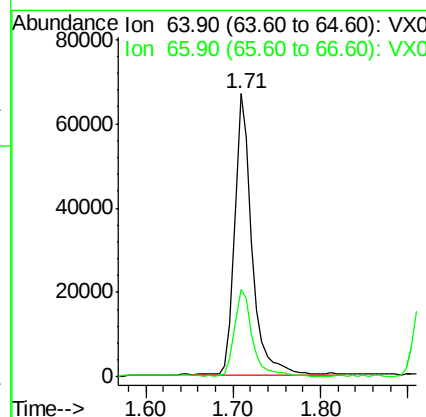
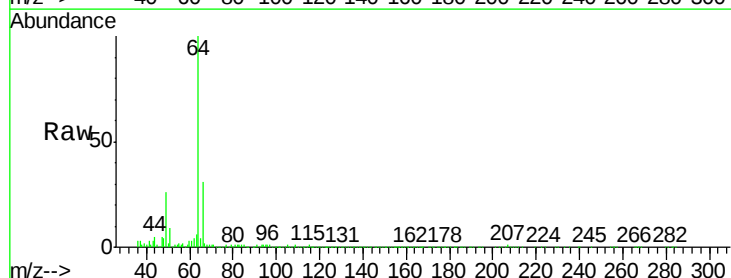
Acq: 27 Aug 2019 11:08

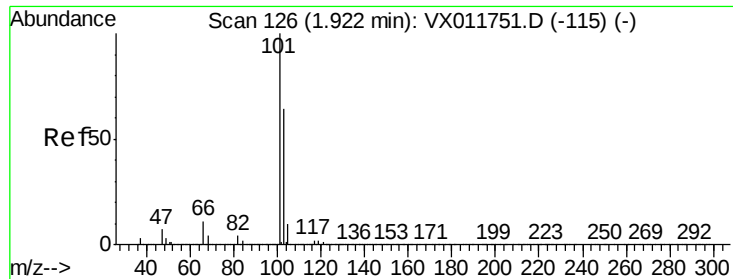
Tgt Ion: 64 Resp: 91999

Ion Ratio Lower Upper

64 100

66 30.9 24.9 37.3





#7

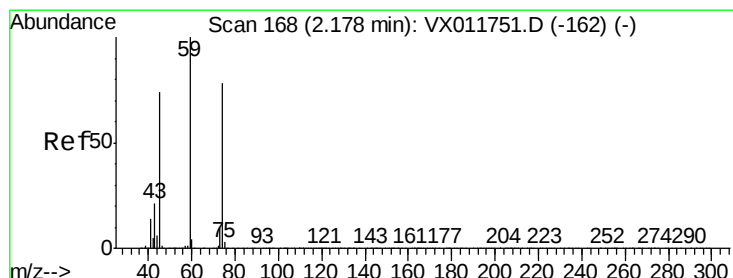
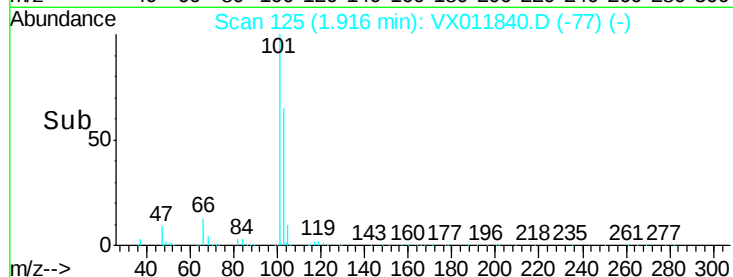
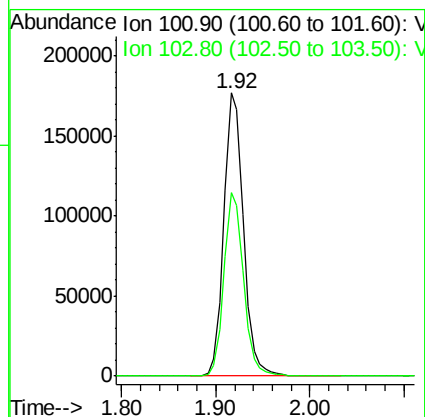
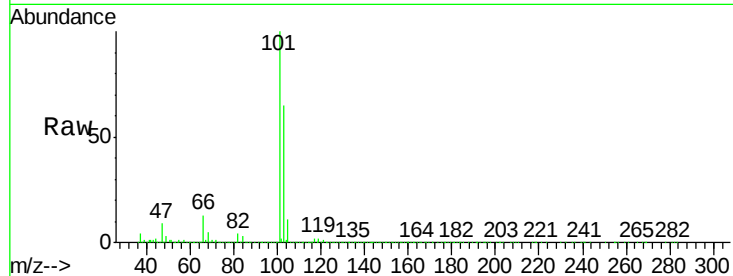
Trichlorofluoromethane
Concen: 47.616 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.2	76.8

Manual Integrations
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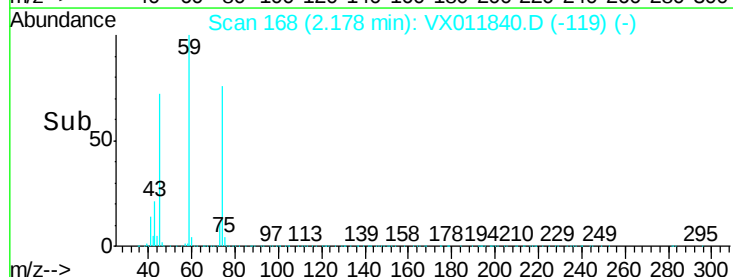
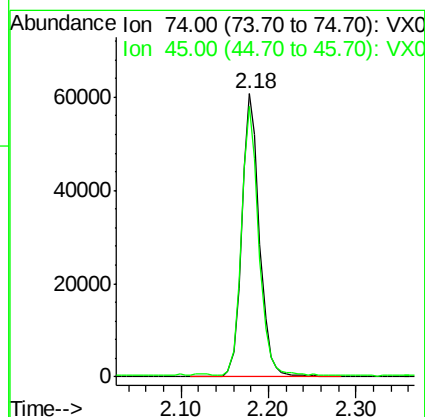
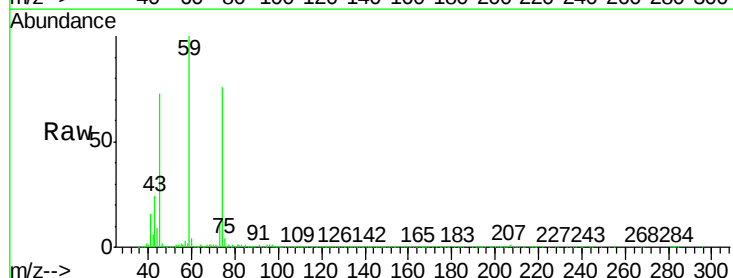
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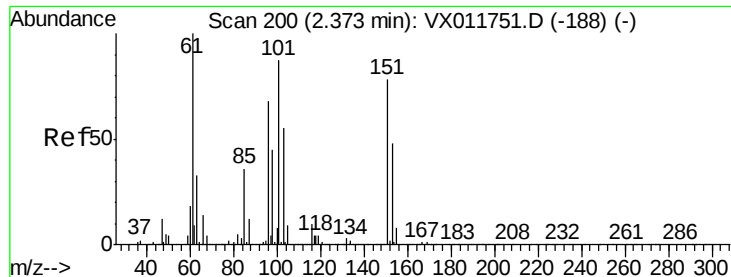


#8

Diethyl Ether
Concen: 46.668 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	46.7	140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.394 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

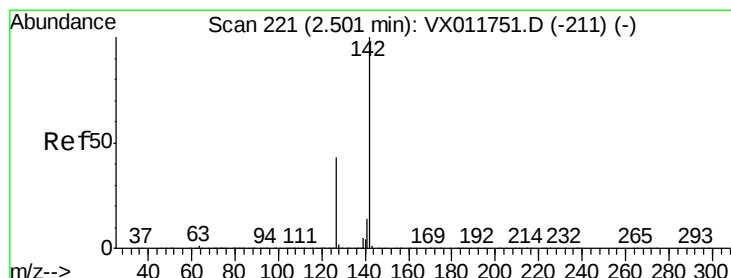
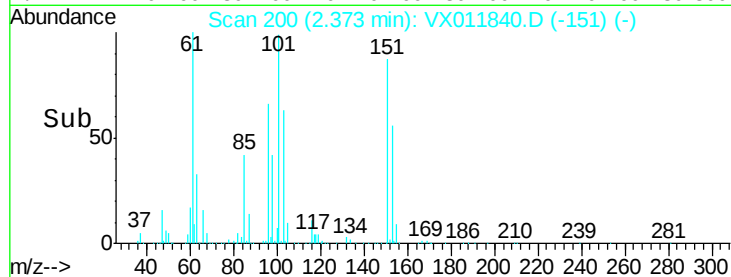
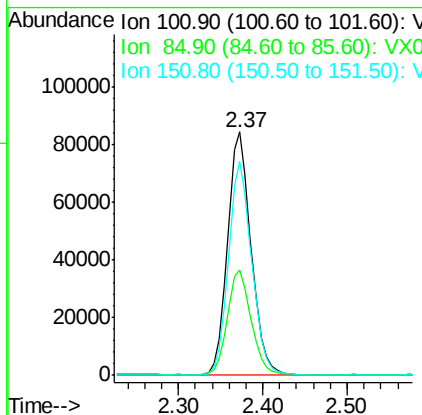
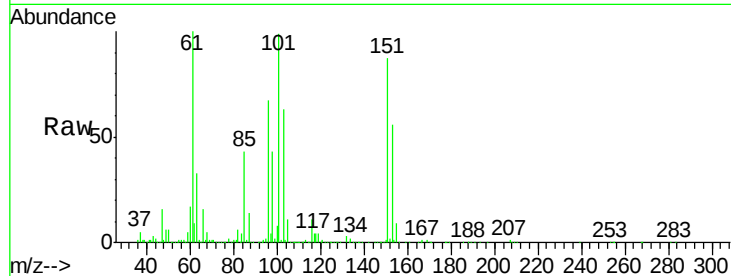
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	160745
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.7	50.5
151	87.0	71.4	107.2

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#10

Methyl Iodide

Concen: 51.498 ug/l

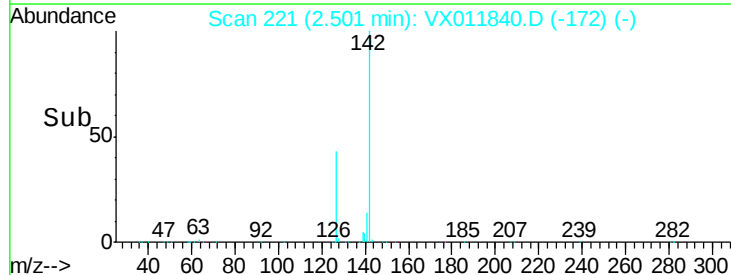
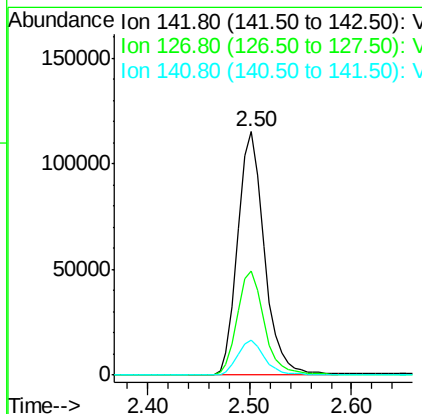
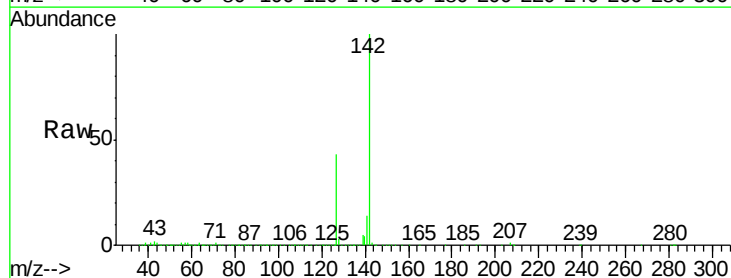
RT: 2.50 min Scan# 221

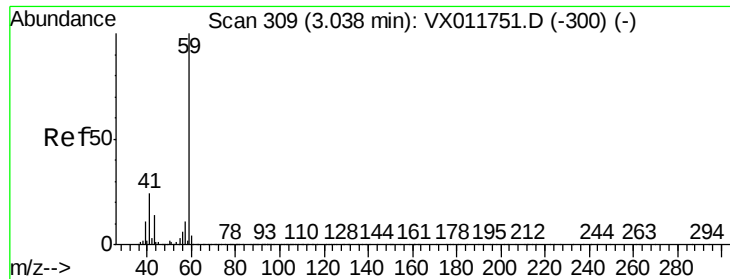
Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	142	Resp:	208932
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.5	50.3
141	14.6	11.4	17.2





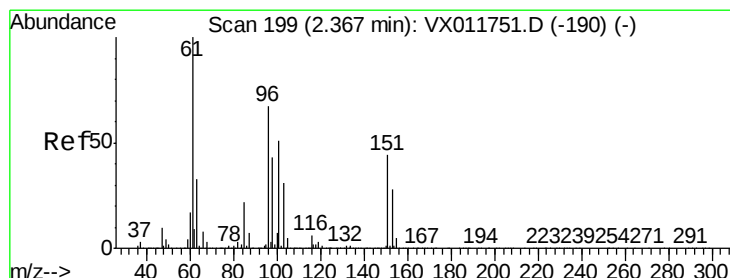
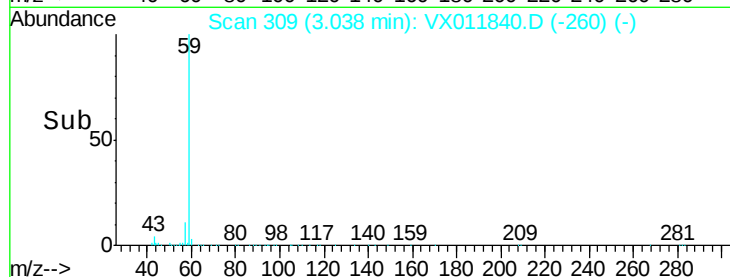
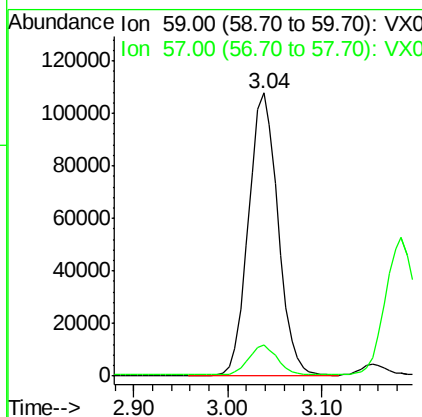
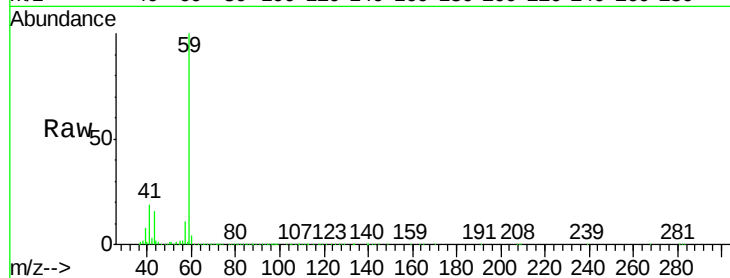
#11
Tert butyl alcohol
Concen: 288.398 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

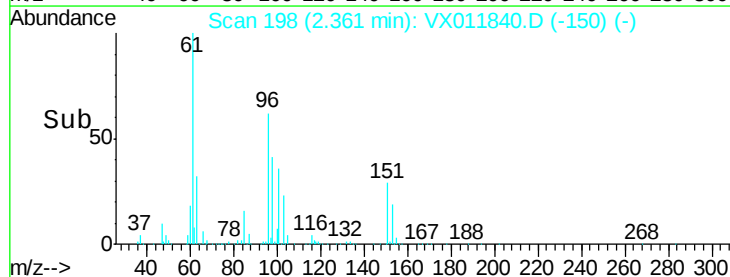
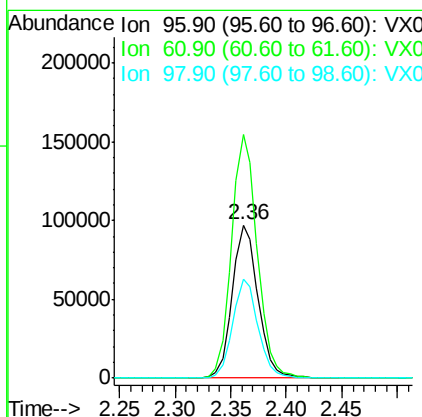
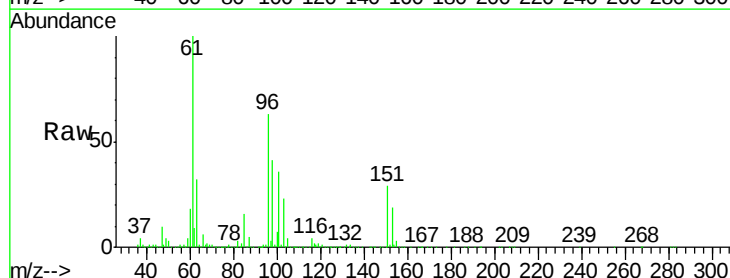
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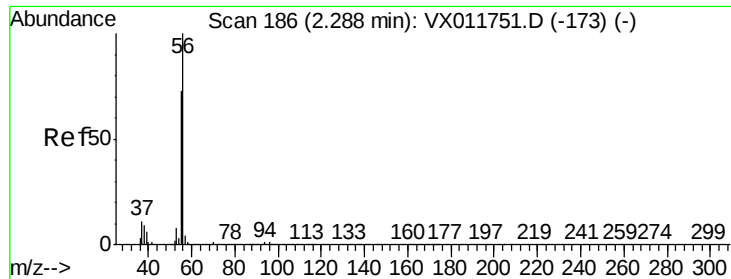
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.391 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	119.4	179.2
98	64.8	51.2	76.8





#13

Acrolein

Concen: 244.481 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 77304

Ion Ratio Lower Upper

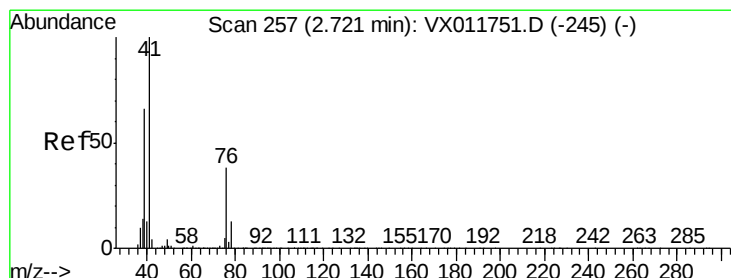
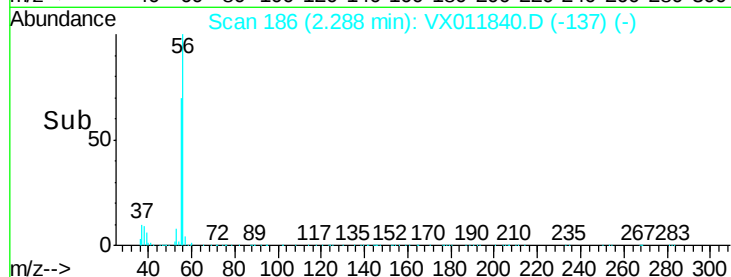
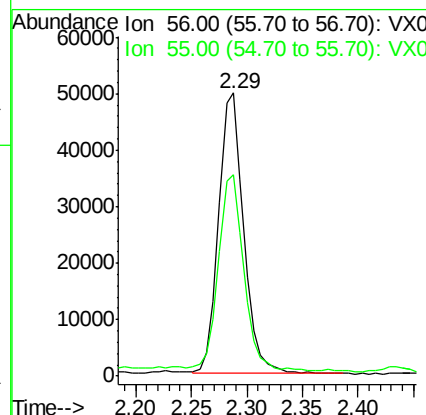
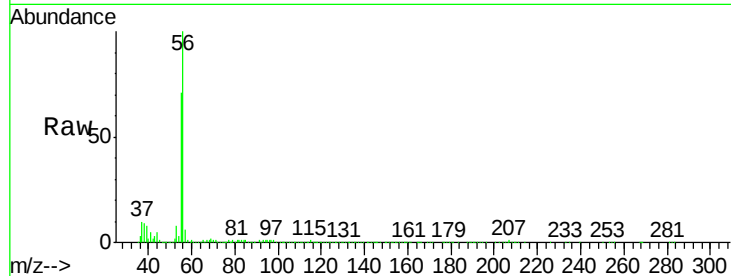
56 100

55 73.8 54.8 82.2

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#14

Allyl chloride

Concen: 60.318 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

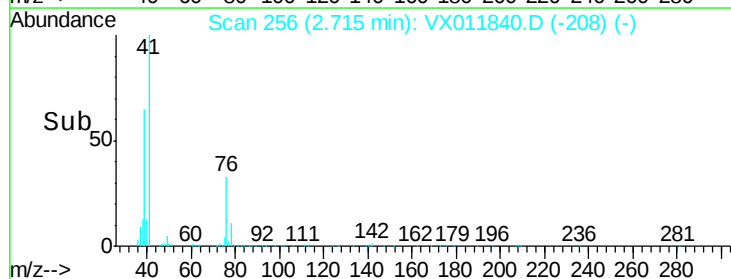
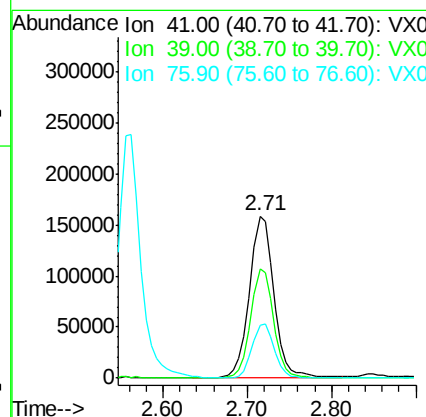
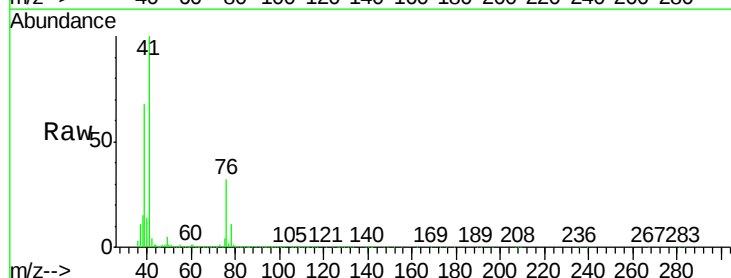
Tgt Ion: 41 Resp: 305344

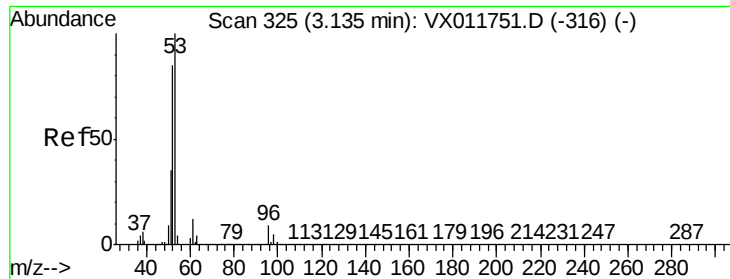
Ion Ratio Lower Upper

41 100

39 62.9 49.3 73.9

76 31.0 26.8 40.2





#15

Acrylonitrile

Concen: 254.685 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

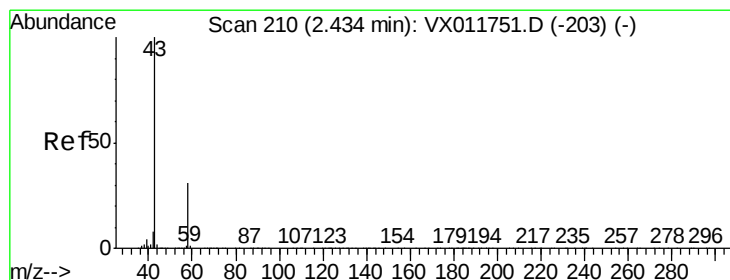
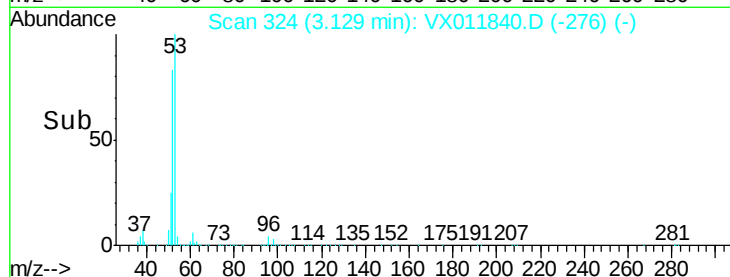
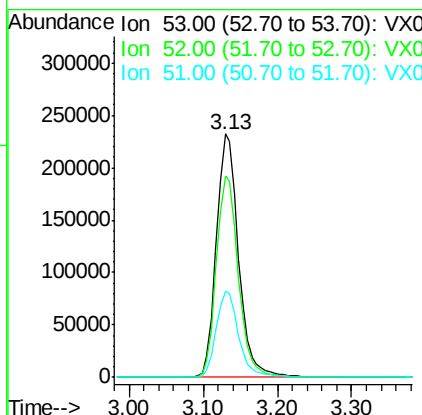
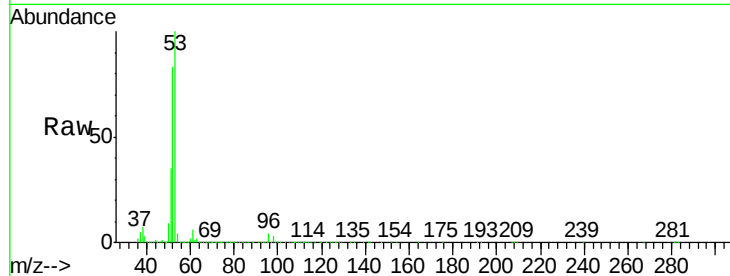
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	476503
Ion Ratio		Lower	Upper
53	100		
52	82.5	65.7	98.5
51	35.9	28.6	43.0

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#16

Acetone

Concen: 261.237 ug/l

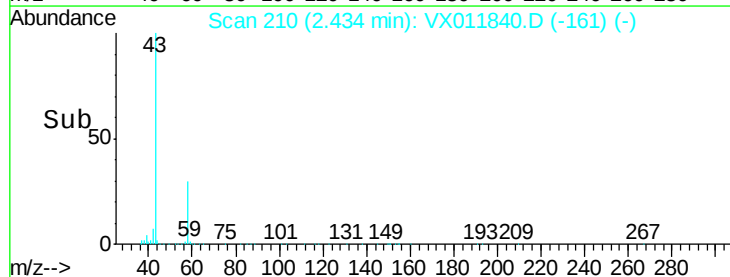
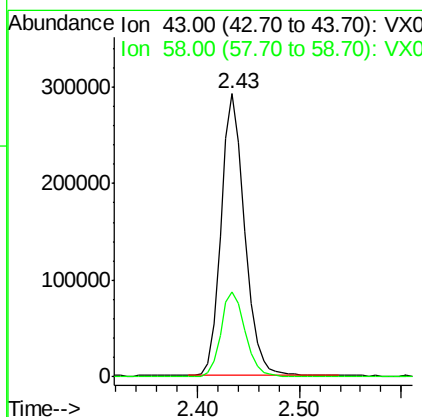
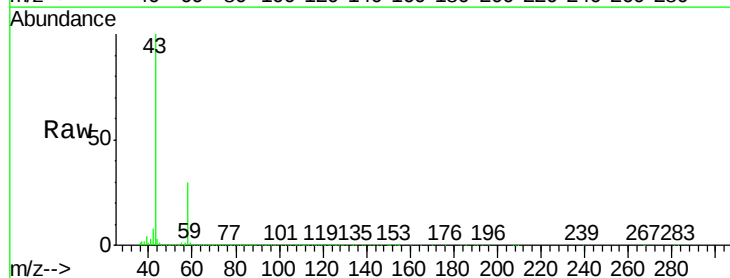
RT: 2.43 min Scan# 210

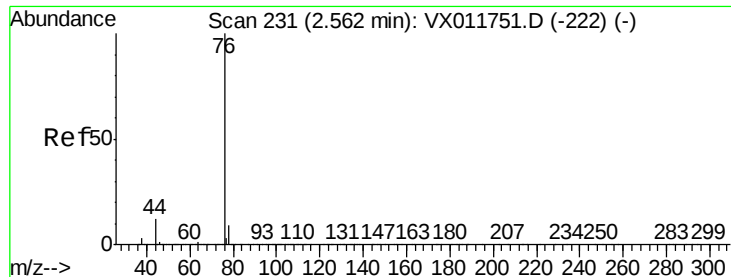
Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	43	Resp:	470410
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.4	36.6





#17

Carbon Disulfide

Concen: 53.373 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tot Ion: 76 Resp: 437068

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

Instrument :

MSVOA_X

ClientSampleId :

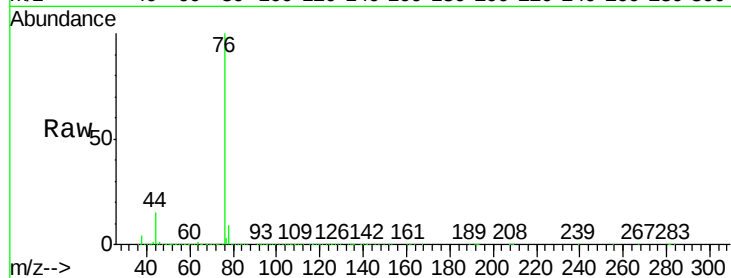
VSTDCCC050

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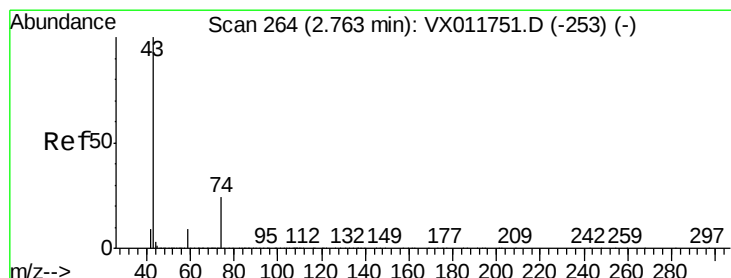
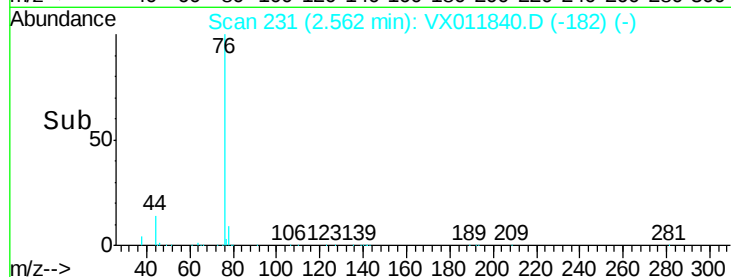
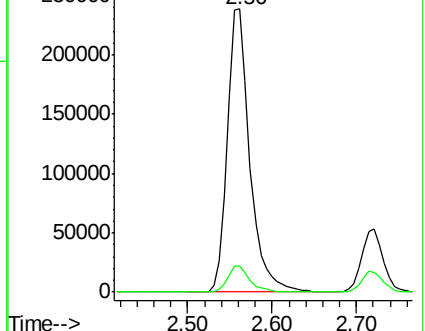
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.342 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011840.D

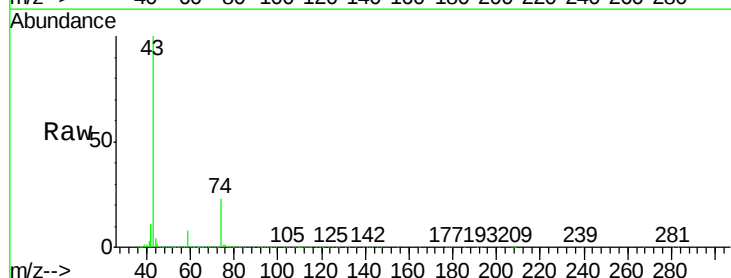
Acq: 27 Aug 2019 11:08

Tgt Ion: 43 Resp: 275295

Ion Ratio Lower Upper

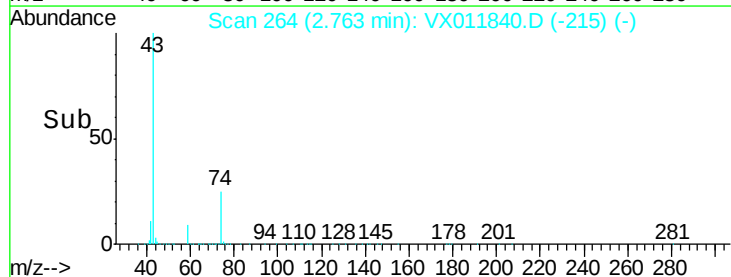
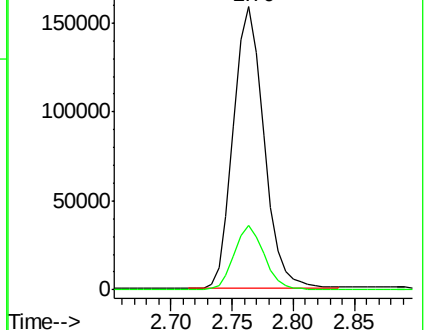
43 100

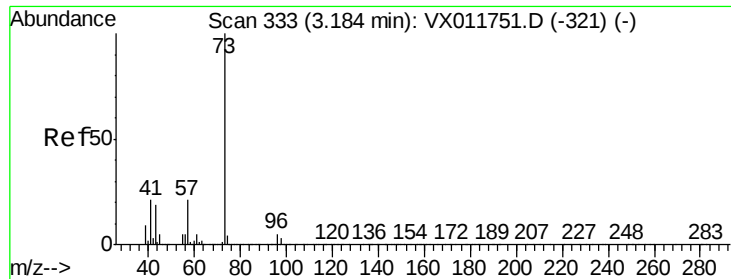
74 22.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





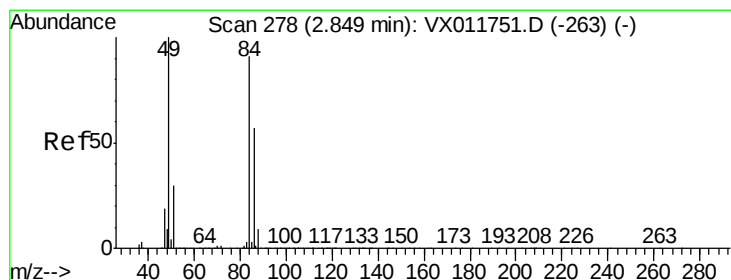
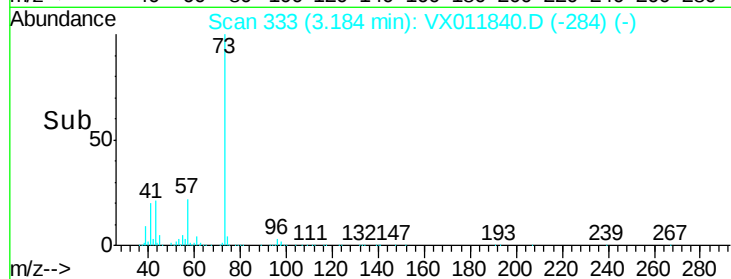
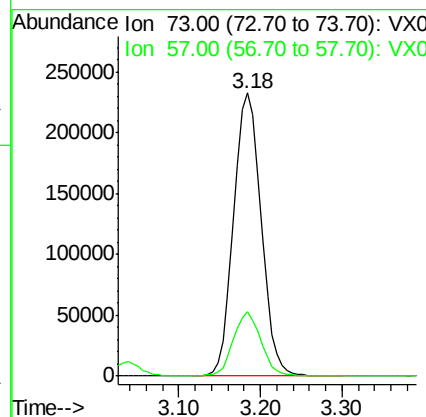
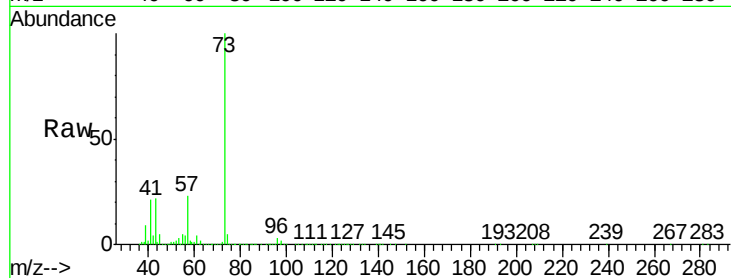
#19
Methvl tert-butvl Ether
Concen: 52.130 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.4	24.6

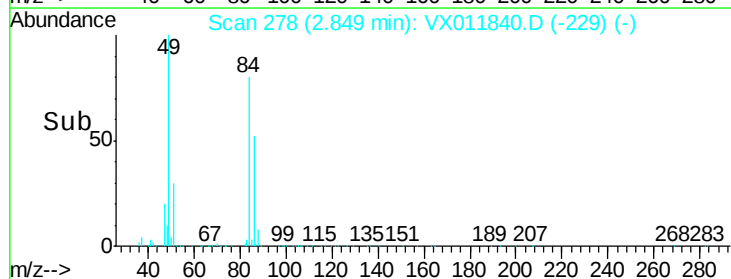
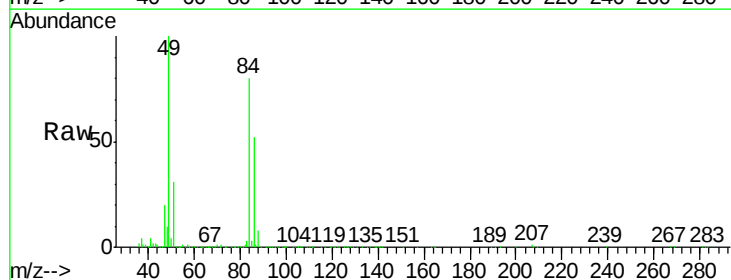
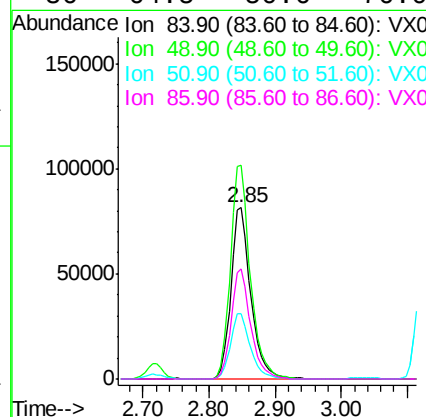
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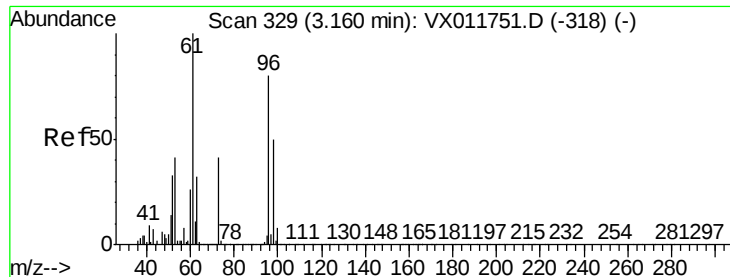
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#20
Methylene Chloride
Concen: 45.732 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	88.3	132.5
51	38.0	26.2	39.2
86	64.5	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 46.595 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

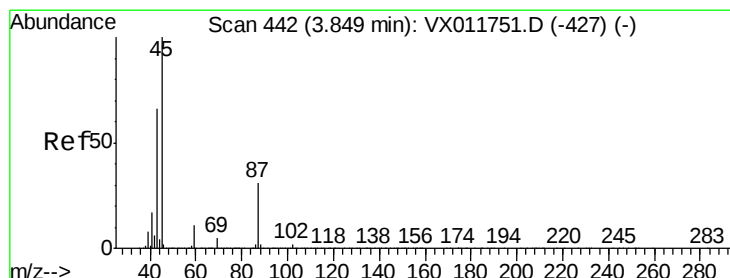
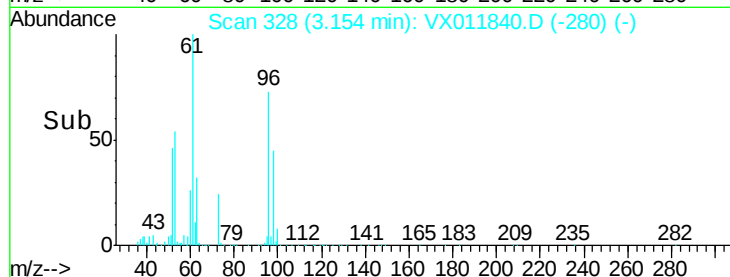
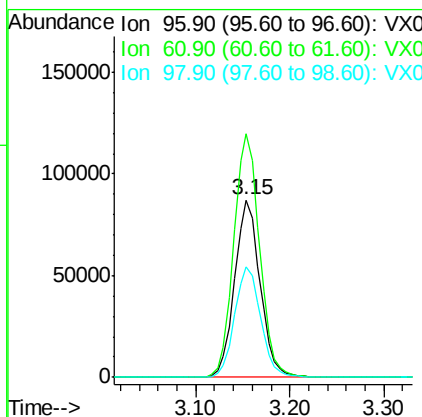
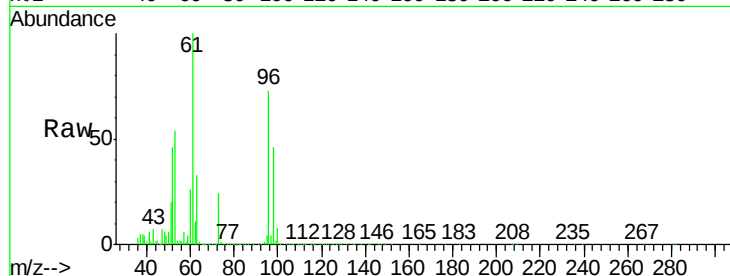
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	162776
Ion Ratio	Lower	Upper	
96	100		
61	137.6	99.8	149.8
98	62.5	50.3	75.5

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#22

Diisopropyl ether

Concen: 56.561 ug/l

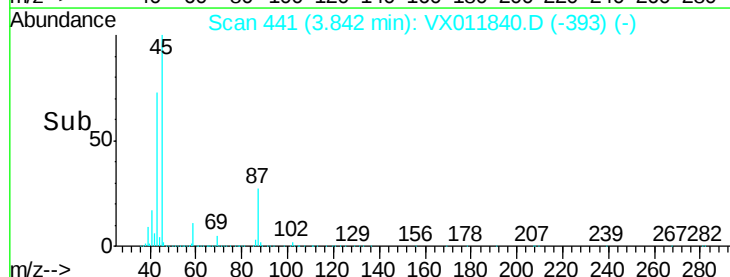
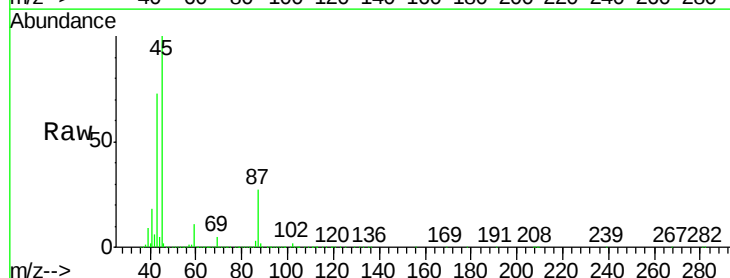
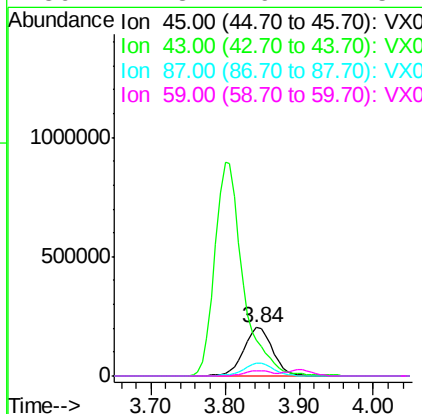
RT: 3.84 min Scan# 441

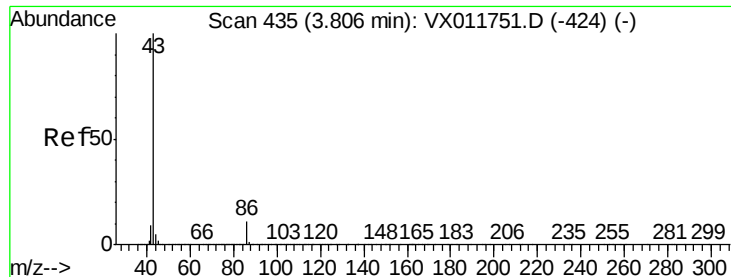
Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	45	Resp:	555218
Ion Ratio	Lower	Upper	
45	100		
43	72.5	53.0	79.6
87	27.1	24.7	37.1
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 289.165 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2350192

Ion Ratio Lower Upper

43 100

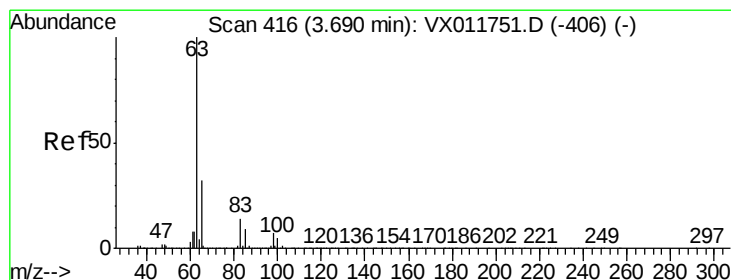
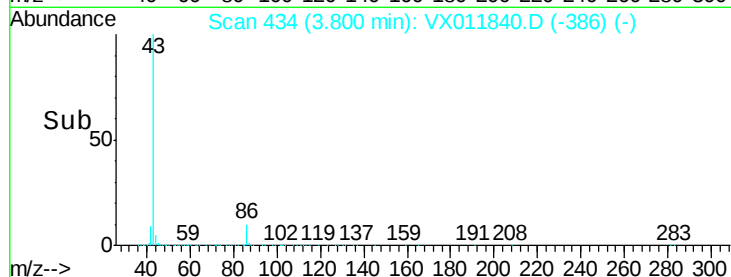
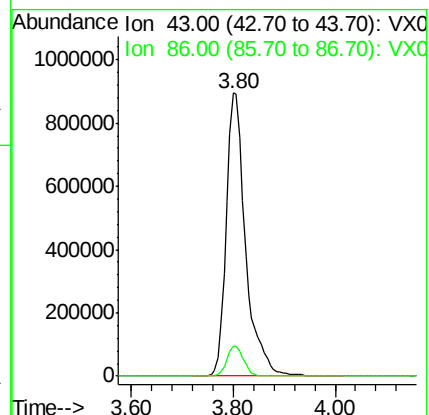
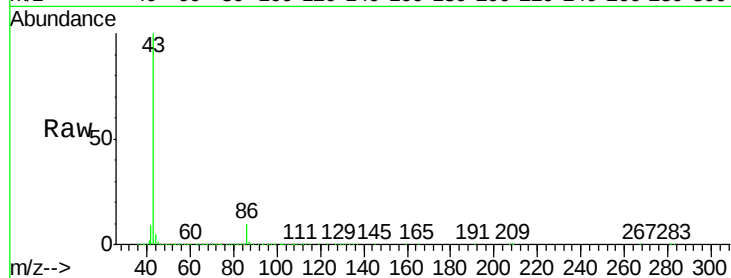
86 10.4 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.945 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

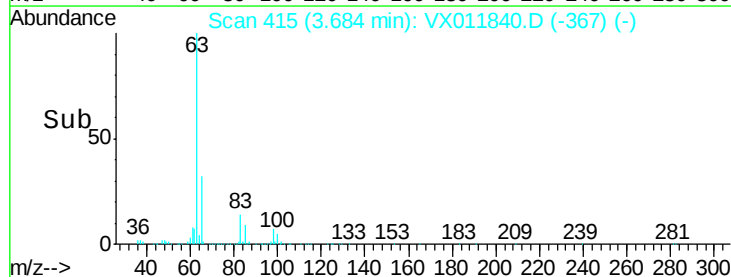
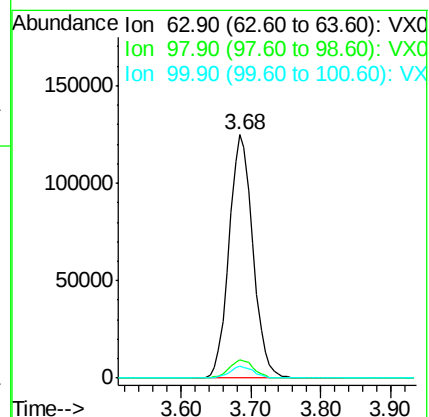
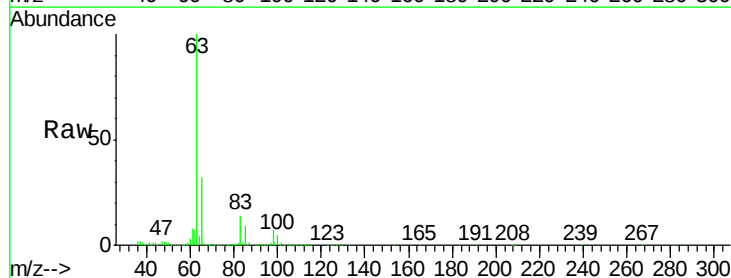
Tgt Ion: 63 Resp: 295268

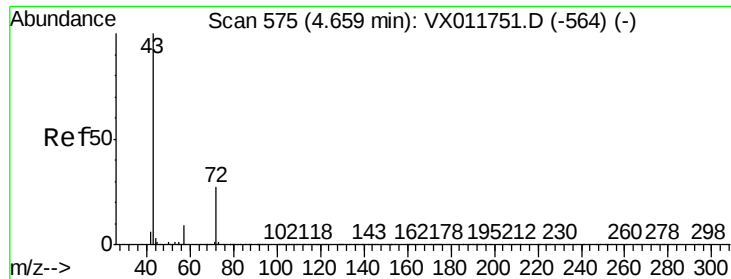
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 272.072 ug/l

RT: 4.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tot Ion: 43 Resp: 703213

Ion Ratio Lower Upper

43 100

72 25.3 21.8 32.6

Instrument :

MSVOA_X

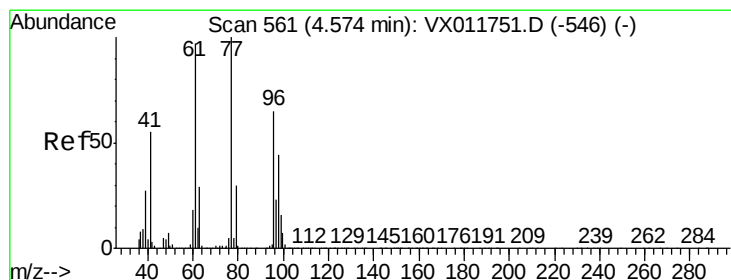
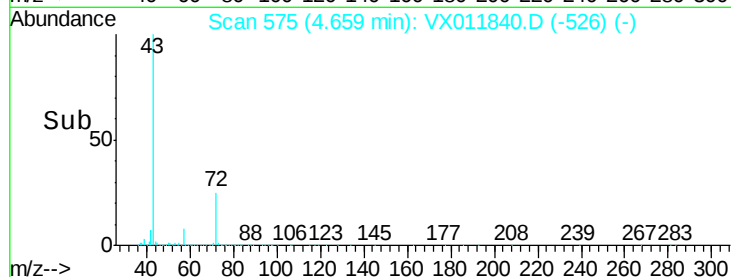
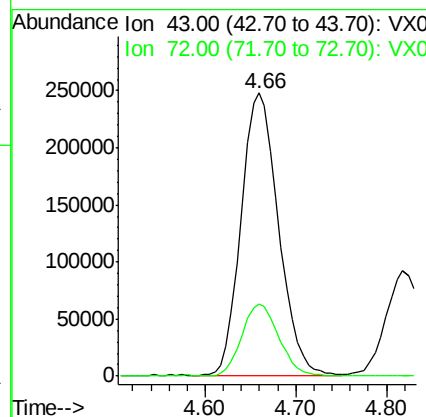
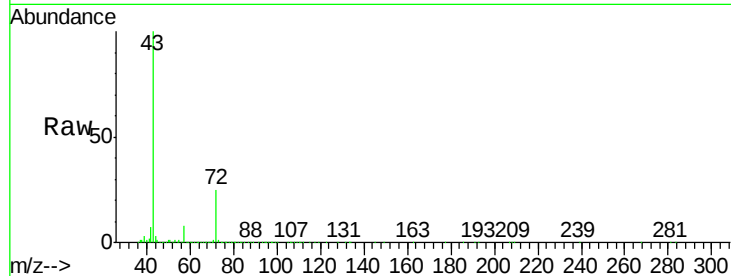
ClientSampled :

VSTDCCC050

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 57.390 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011840.D

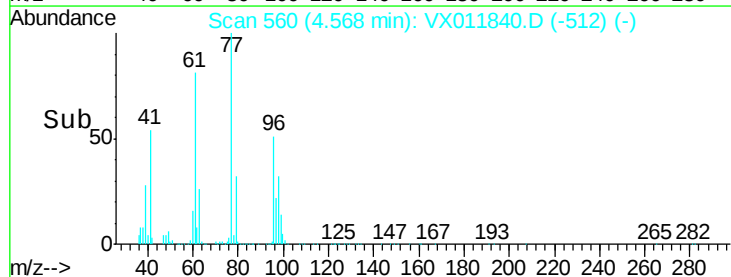
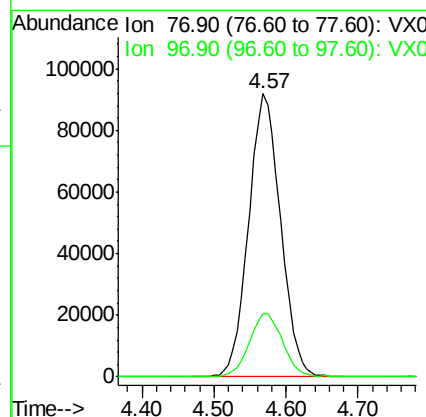
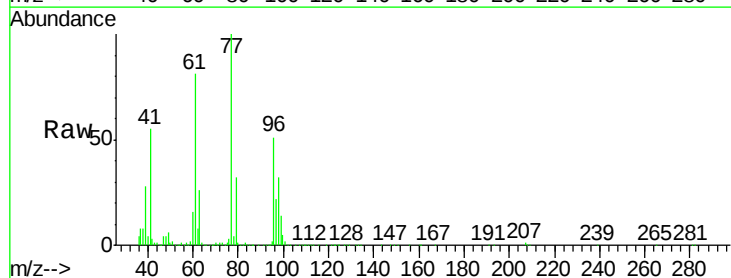
Acq: 27 Aug 2019 11:08

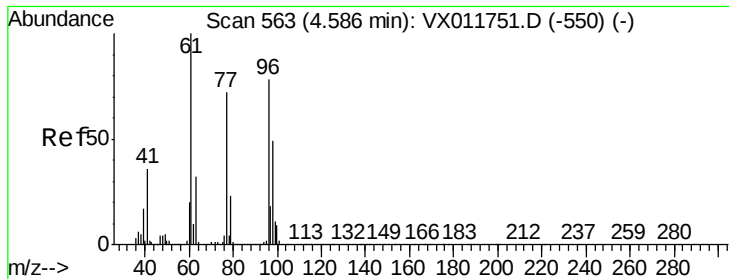
Tgt Ion: 77 Resp: 282469

Ion Ratio Lower Upper

77 100

97 23.0 12.2 36.6





#27

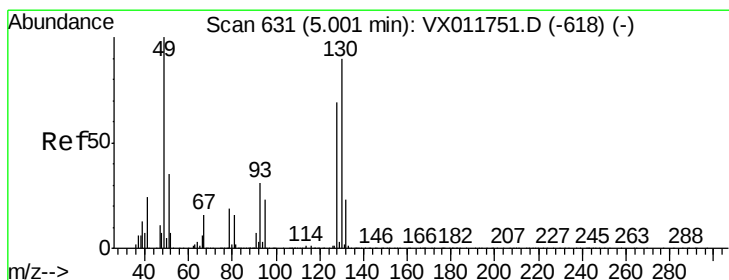
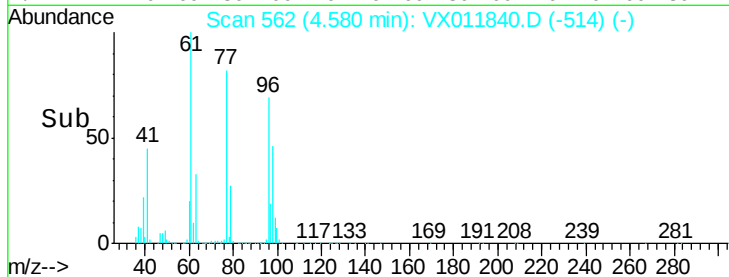
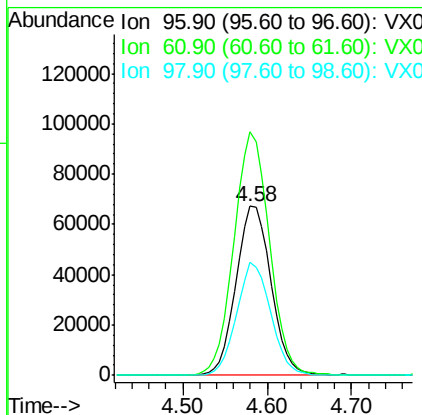
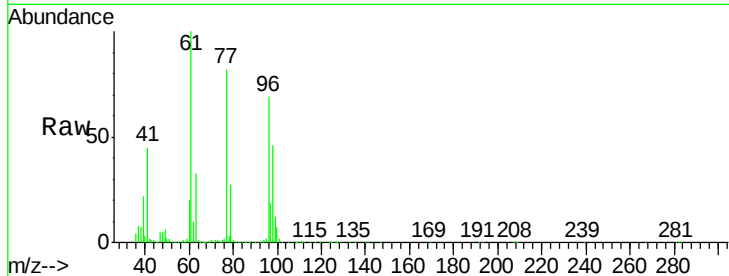
cis-1,2-Dichloroethene
Concen: 46.951 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	188096		
61	147.2	0.0	275.8	
98	64.8	0.0	128.2	

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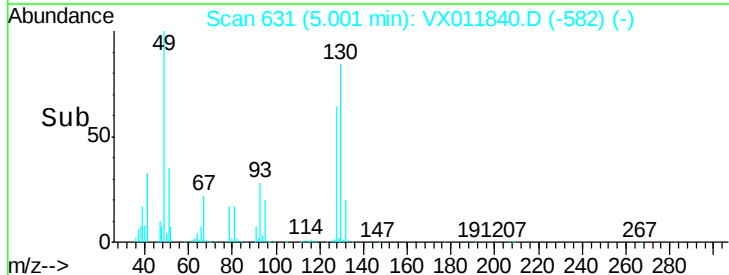
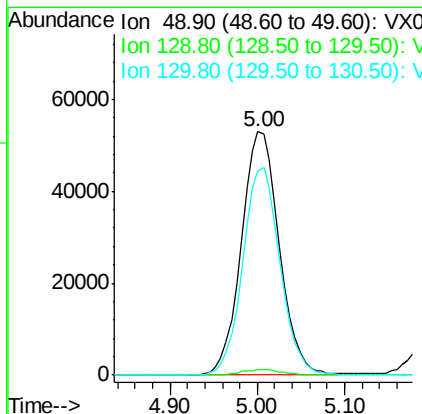
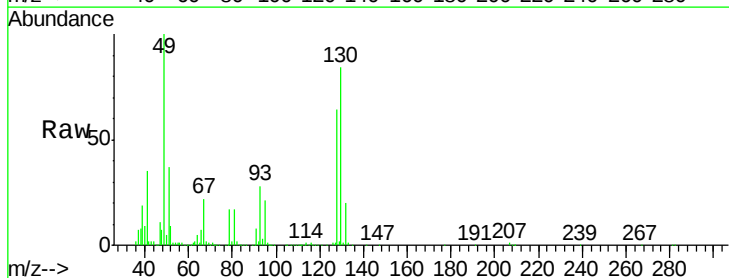
MMDadoda
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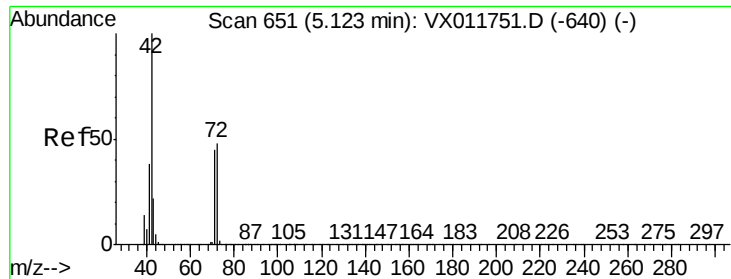


#28

Bromochloromethane
Concen: 60.429 ug/l
RT: 5.00 min Scan# 631
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	158985		
129	2.5	0.0	5.8	
130	84.1	76.8	115.2	





#29

Tetrahydrofuran

Concen: 264.759 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

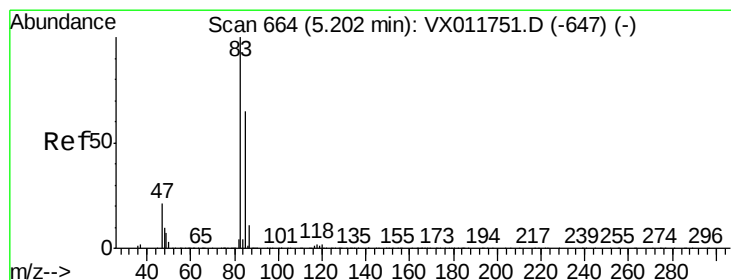
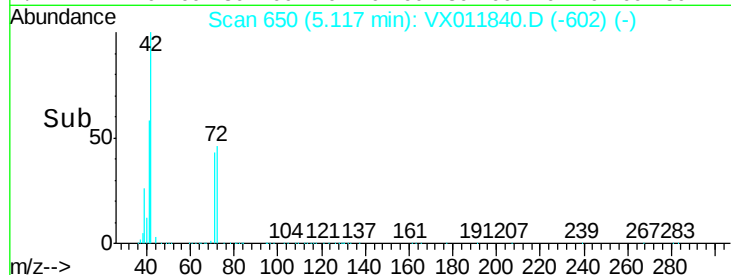
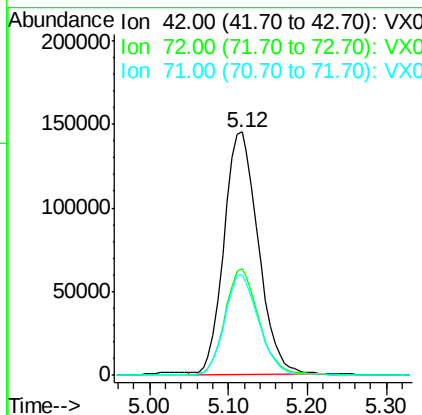
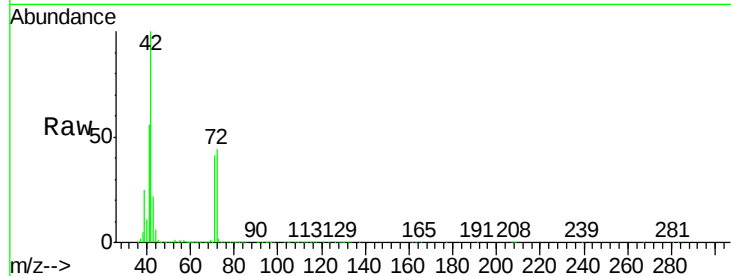
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	438661
Ion Ratio		Lower	Upper
42	100		
72	43.8	37.6	56.4
71	40.7	34.6	51.8

Manual Integrations
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#30

Chloroform

Concen: 47.782 ug/l

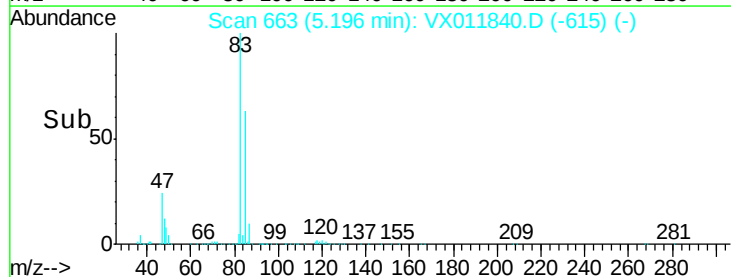
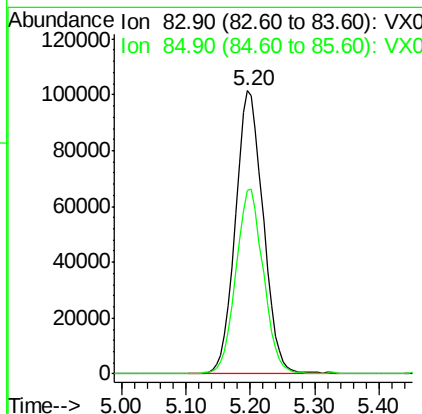
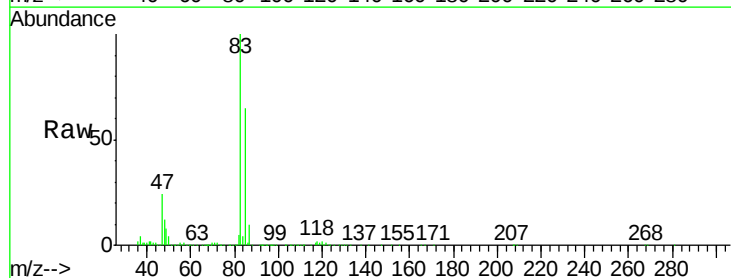
RT: 5.20 min Scan# 663

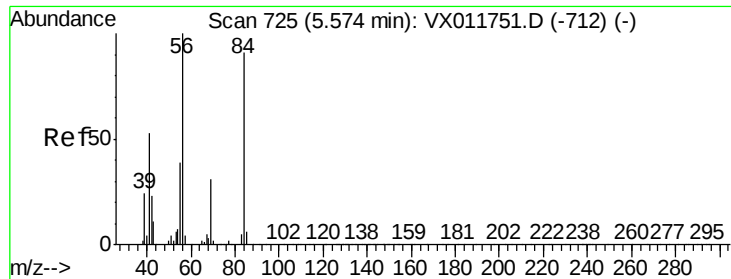
Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	83	Resp:	300455
Ion Ratio		Lower	Upper
83	100		
85	64.8	51.8	77.8





#31

Cyclohexane

Concen: 55.107 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

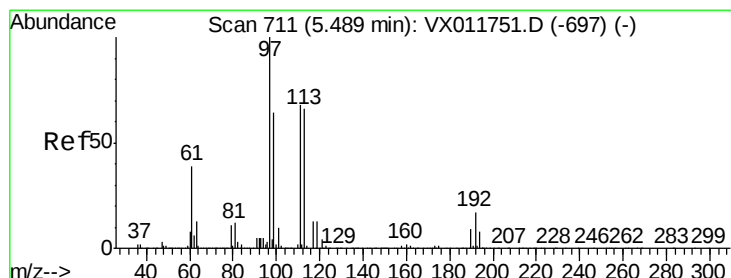
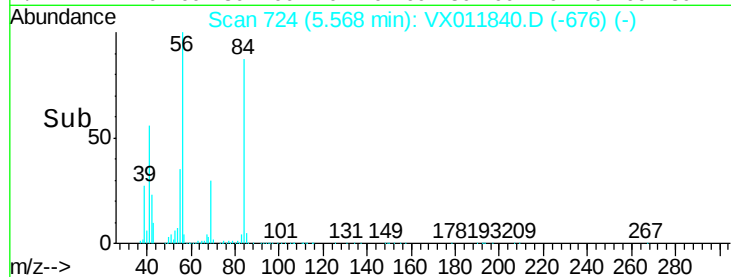
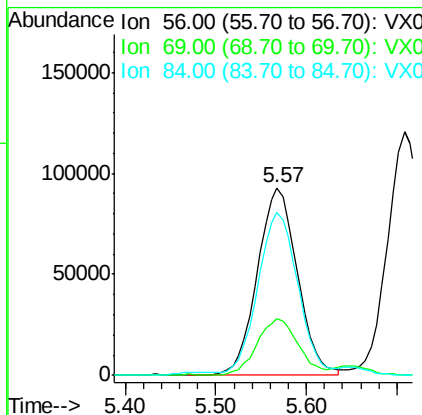
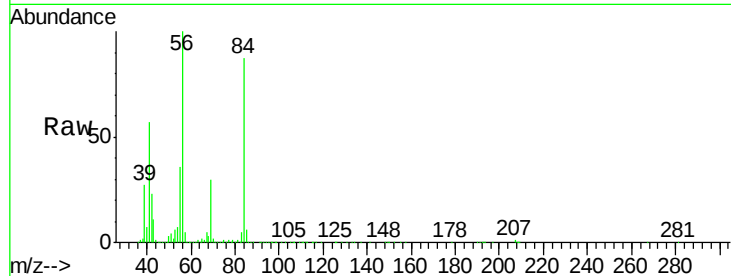
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	280498
Ion Ratio		Lower	Upper
56	100		
69	29.6	24.5	36.7
84	85.6	72.7	109.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.798 ug/l

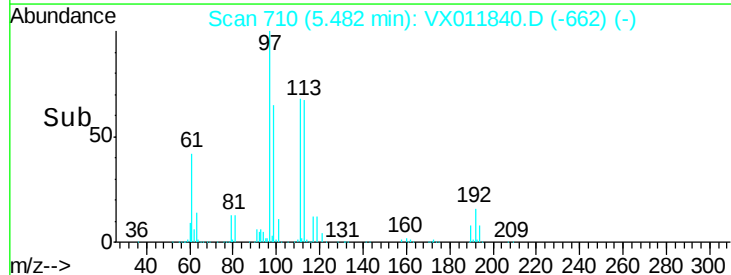
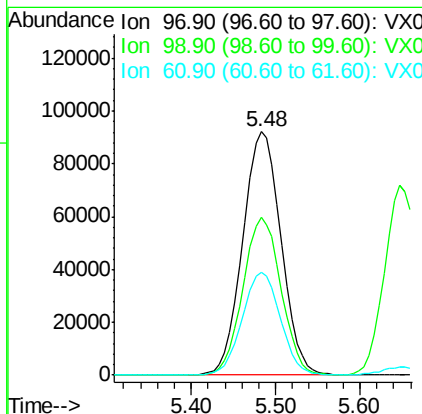
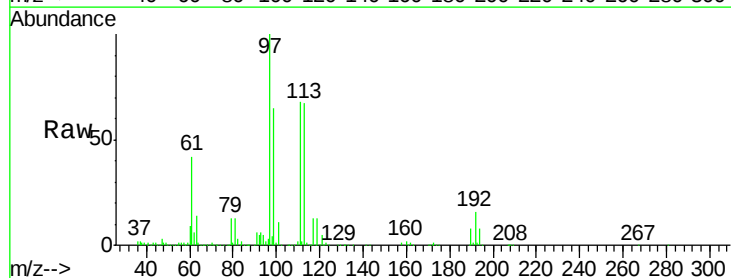
RT: 5.48 min Scan# 710

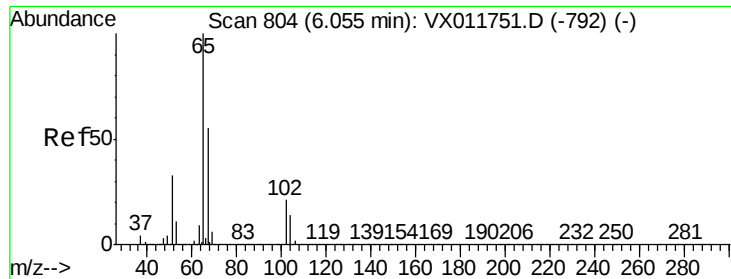
Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	97	Resp:	283125
Ion Ratio		Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.4	31.6	47.4





#33

1,2-Dichloroethane-d4

Concen: 51.211 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 211989

Ion Ratio Lower Upper

65 100

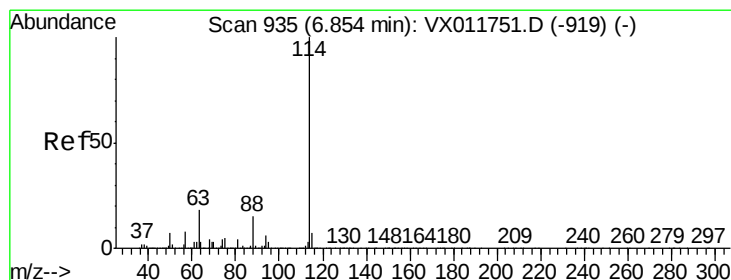
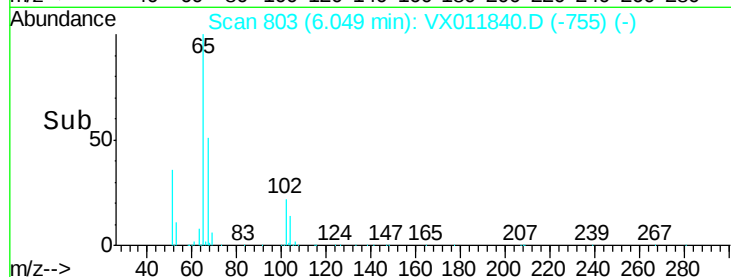
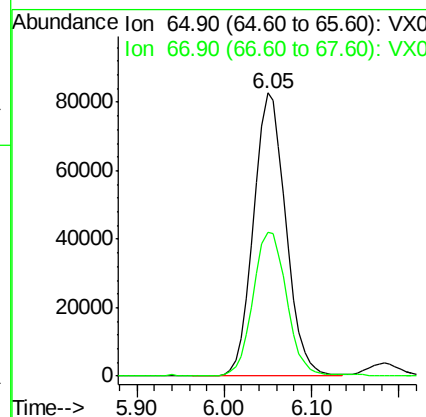
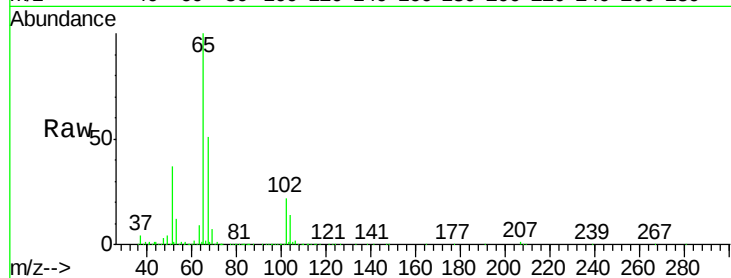
67 52.9 0.0 107.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

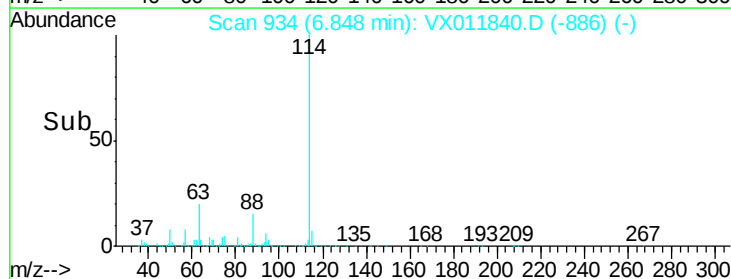
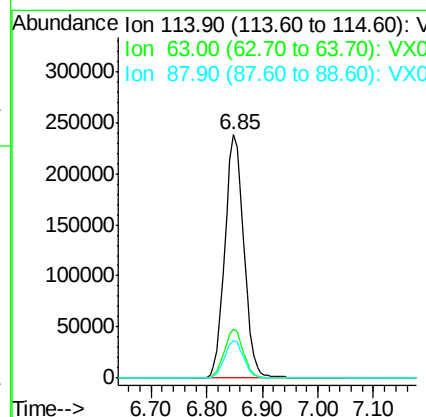
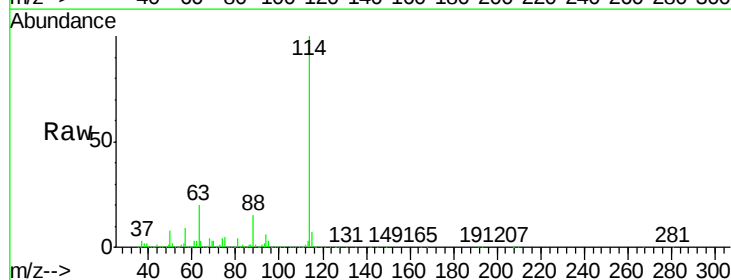
Tgt Ion: 114 Resp: 564127

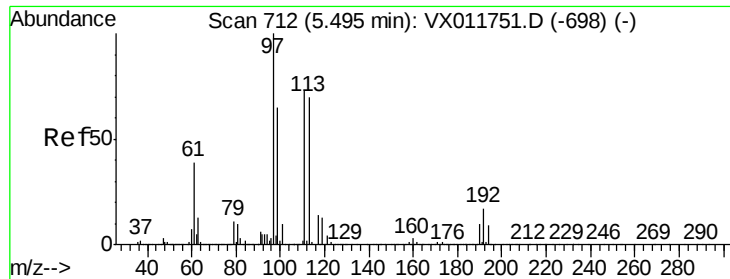
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.361 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

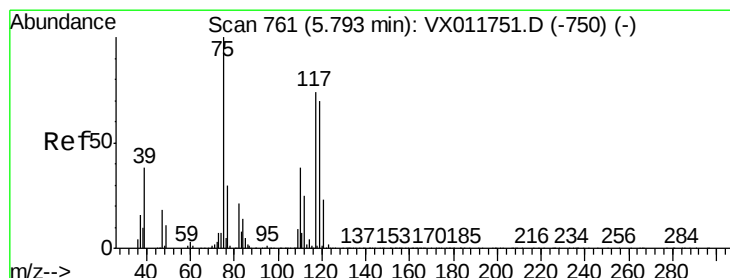
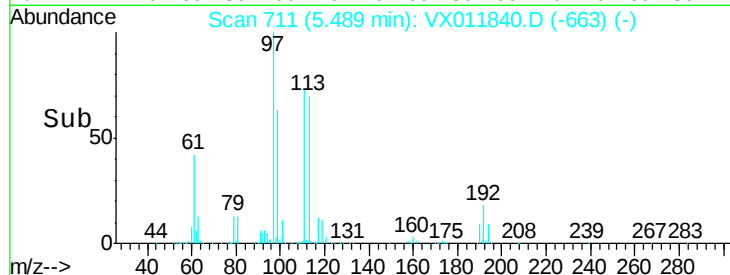
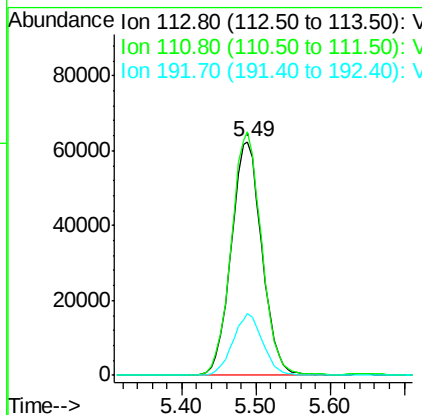
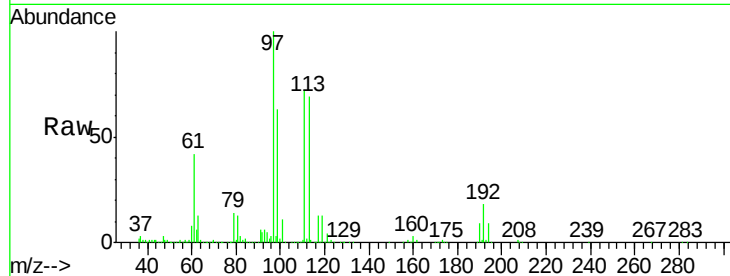
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	180062
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.0	121.4
192	25.6	19.9	29.9

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#36

1,1-Dichloropropene

Concen: 51.884 ug/l

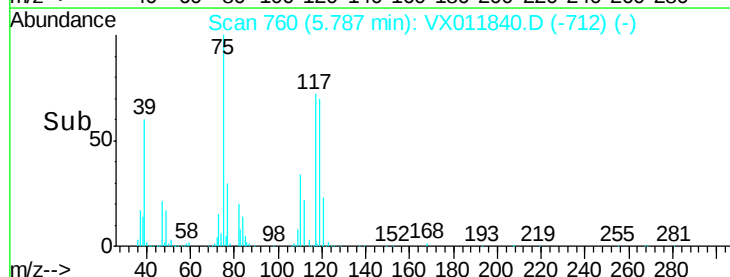
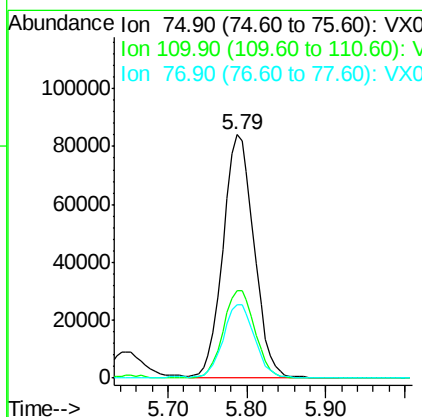
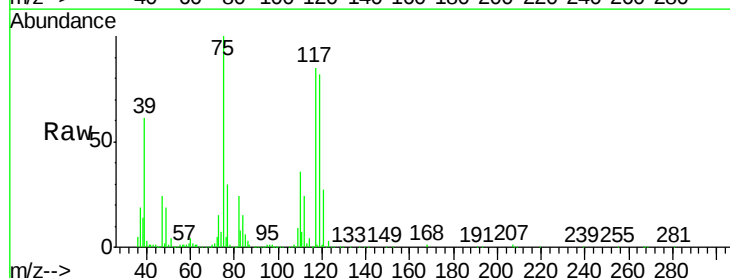
RT: 5.79 min Scan# 760

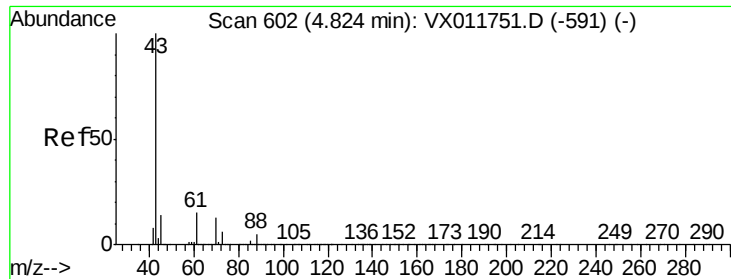
Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	75	Resp:	229522
Ion Ratio	Lower	Upper	
75	100		
110	36.6	19.0	57.0
77	30.5	24.6	36.8





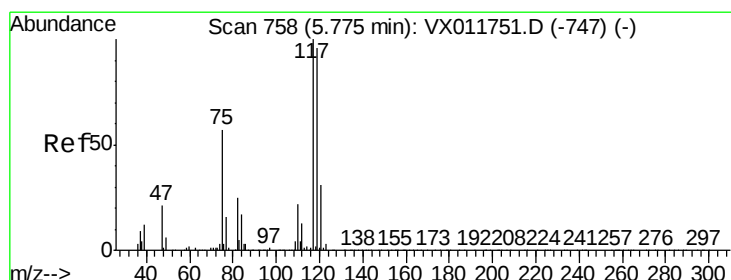
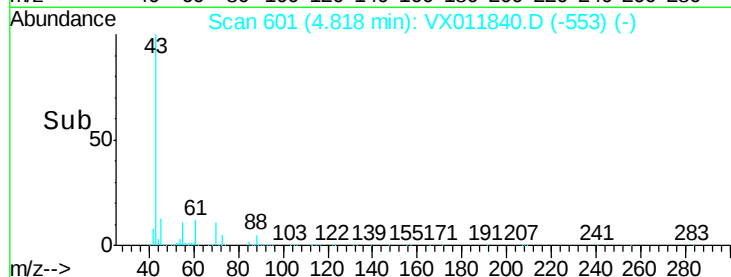
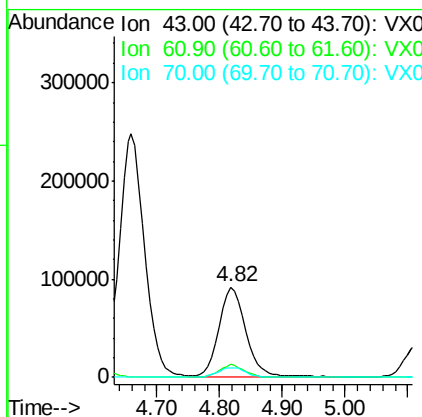
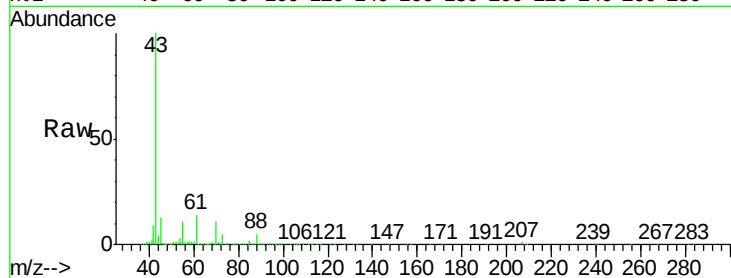
#37
Ethyl Acetate
Concen: 57.181 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	267686
Ion Ratio	Lower	Upper	
43	100		
61	12.9	11.5	17.3
70	10.9	9.5	14.3

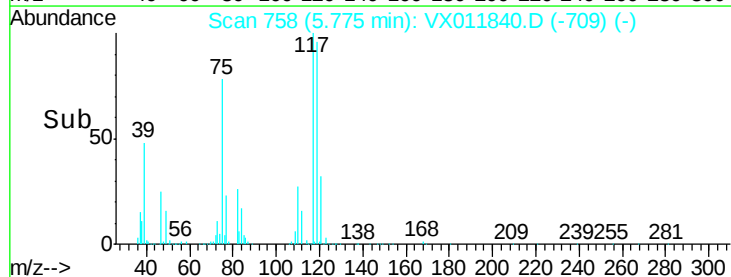
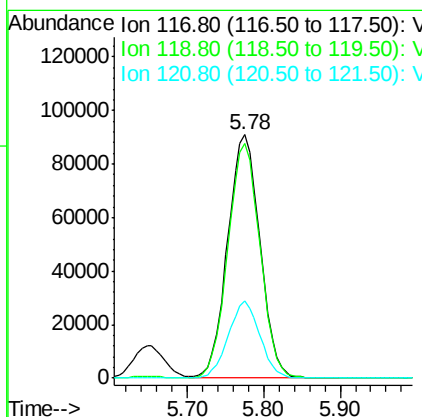
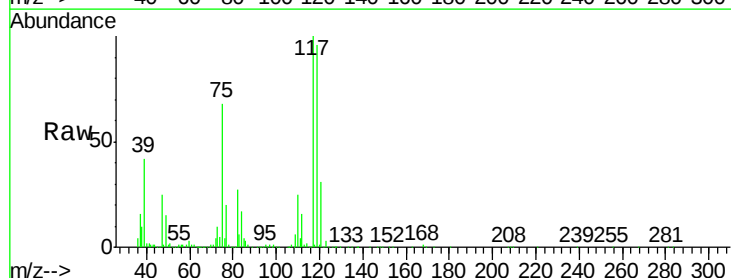
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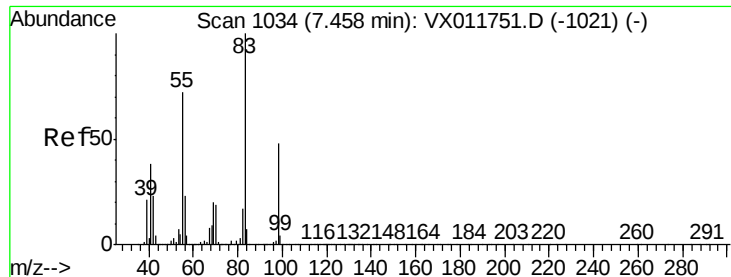
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#38
Carbon Tetrachloride
Concen: 52.968 ug/l
RT: 5.78 min Scan# 758
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	117	Resp	265551
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.6	114.8
121	31.4	25.2	37.8





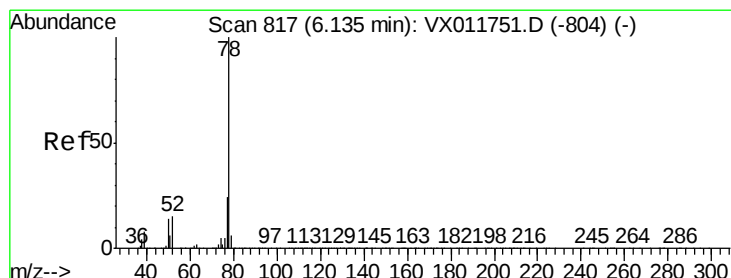
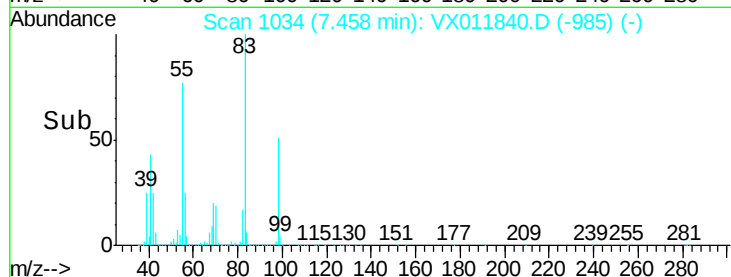
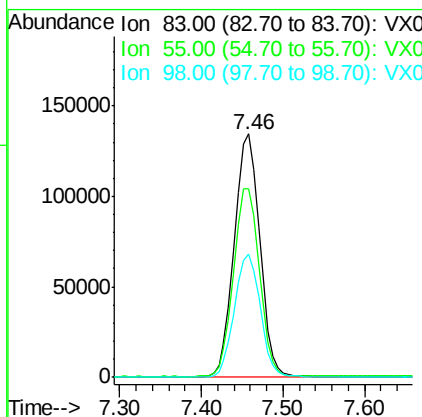
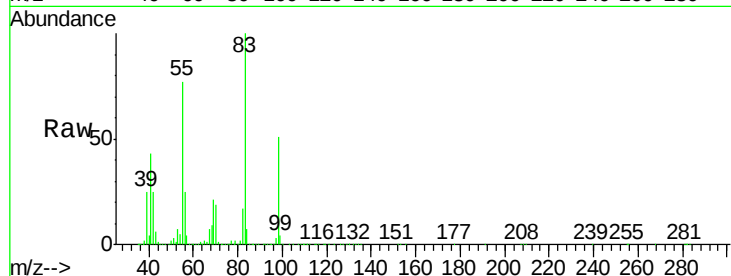
#39
Methvlcvclohexane
Concen: 53.238 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	57.8	86.6
98	50.7	38.6	58.0

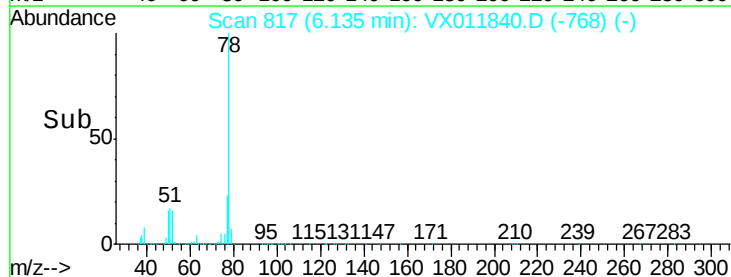
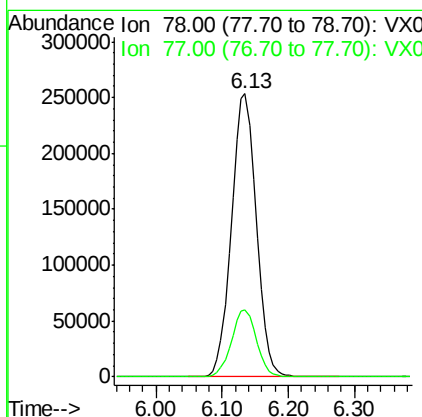
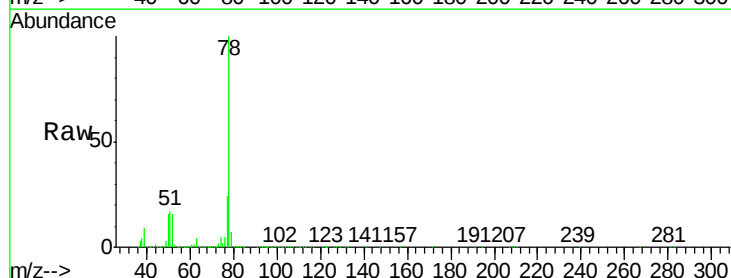
Manual Integrations
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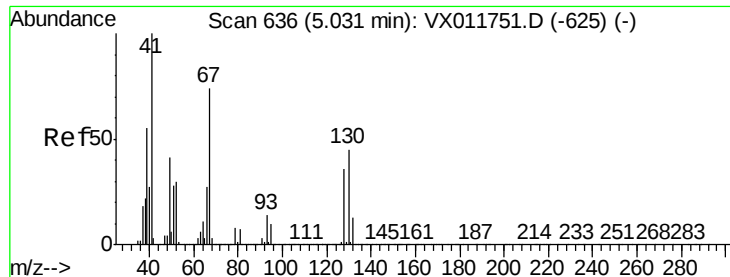
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#40
Benzene
Concen: 48.241 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41

Methacrylonitrile

Concen: 53.623 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

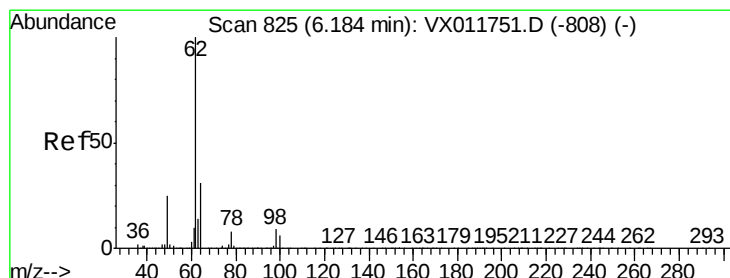
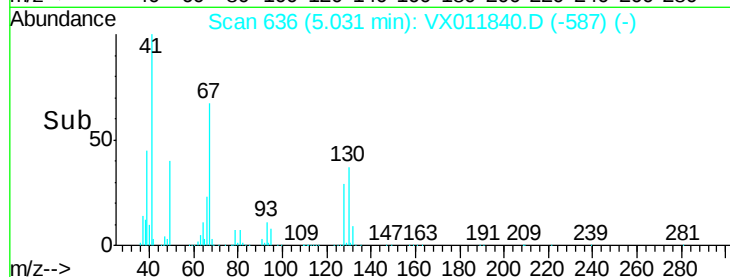
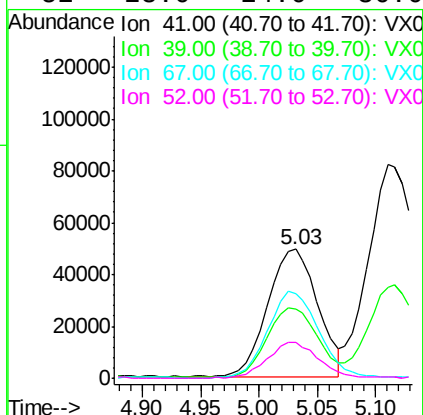
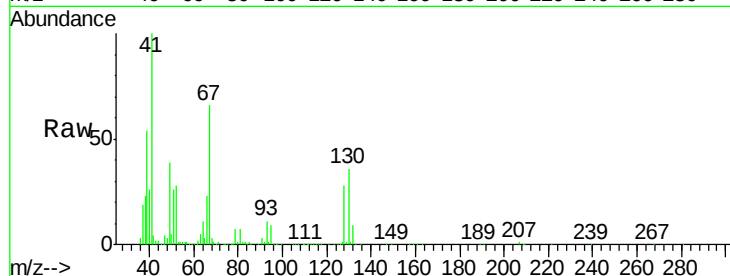
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		145995		
39	56.4	44.3	66.5		
67	69.0	60.3	90.5		
52	28.0	24.0	36.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.164 ug/l

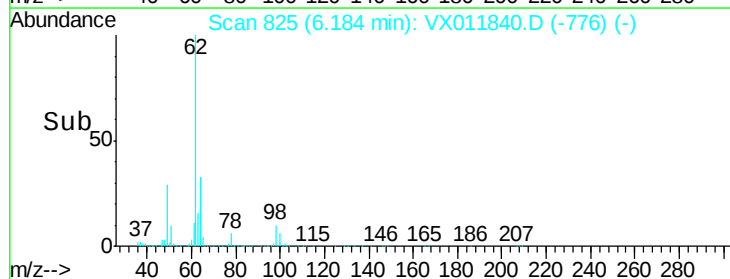
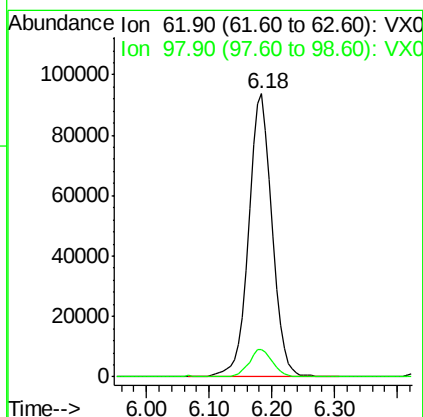
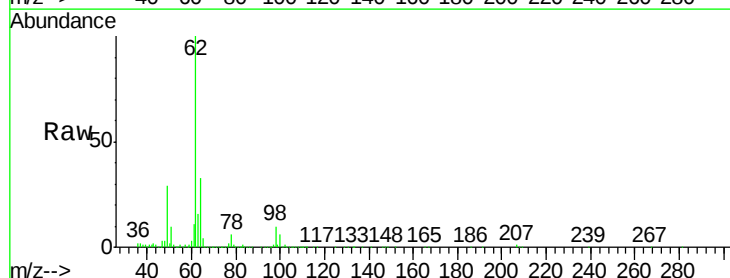
RT: 6.18 min Scan# 825

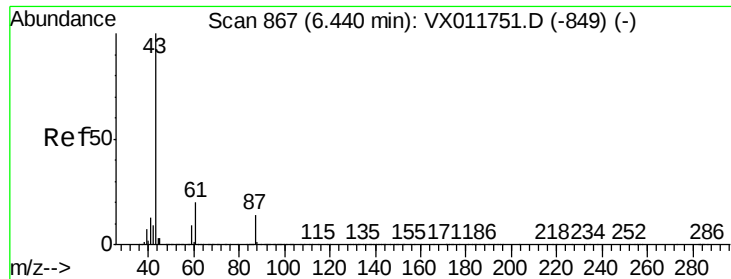
Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		240942		
98	9.6	0.0	18.8		





#43

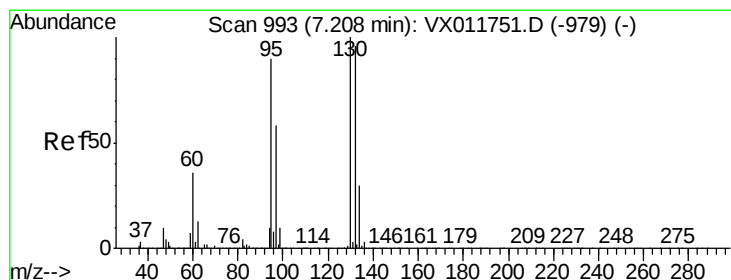
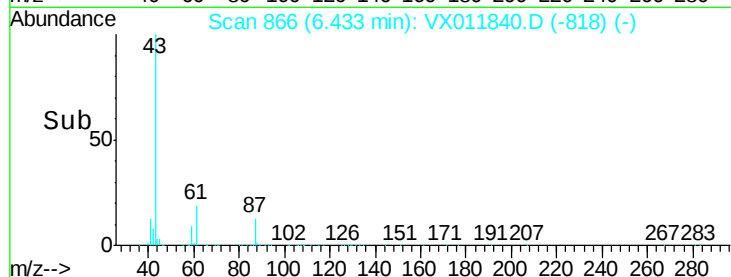
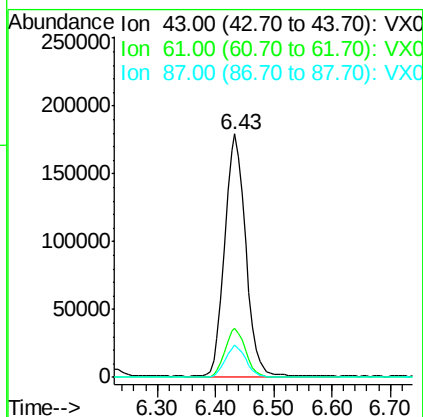
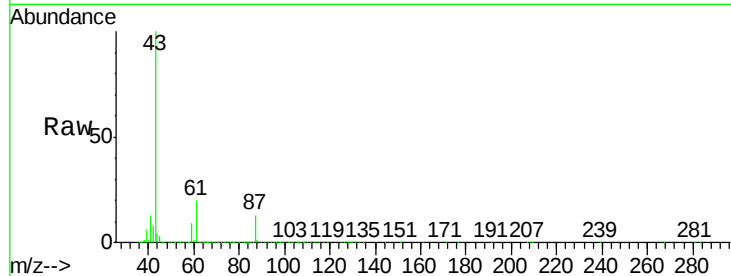
Isopropyl Acetate
 Concen: 58.848 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.1	11.6	17.4

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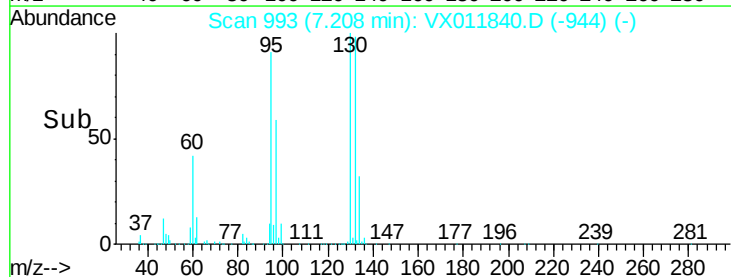
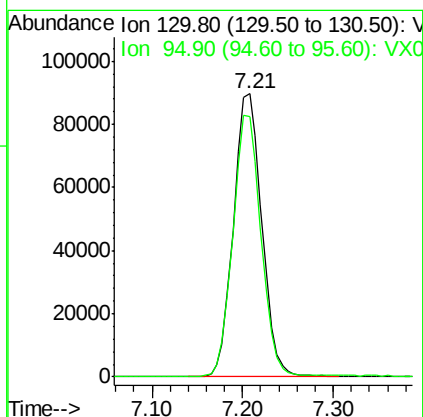
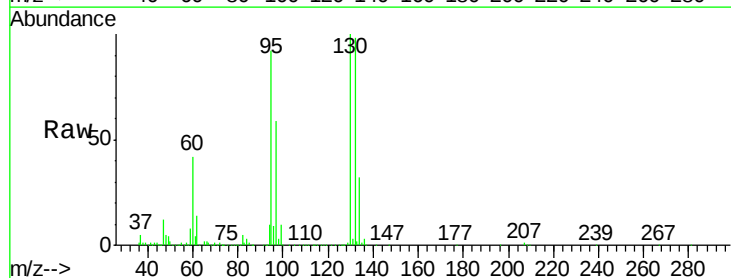
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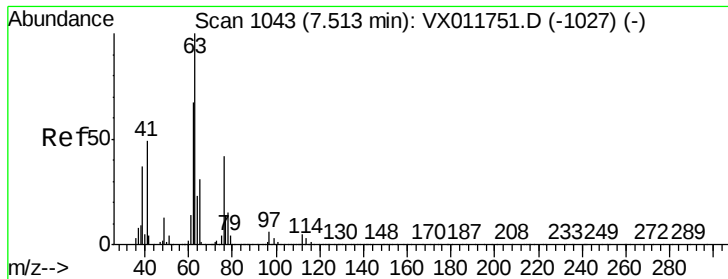


#44

Trichloroethene
 Concen: 46.239 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	179.0





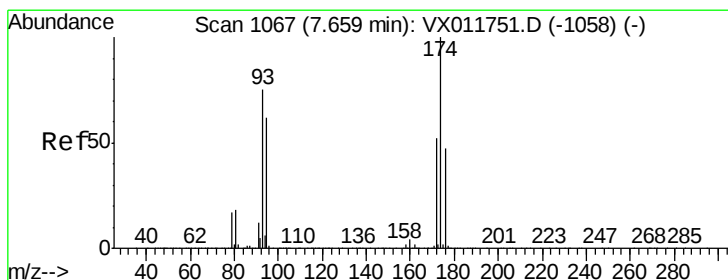
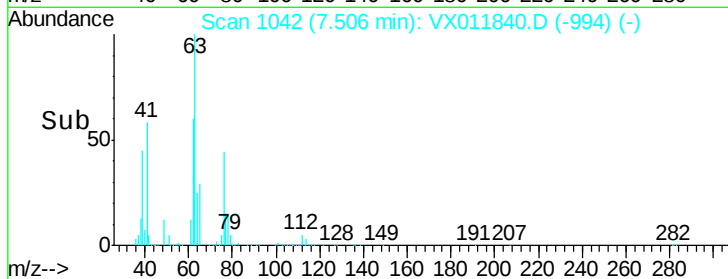
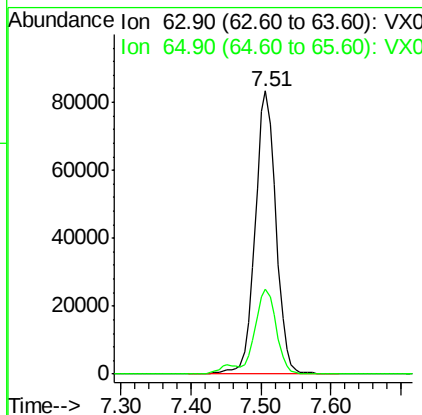
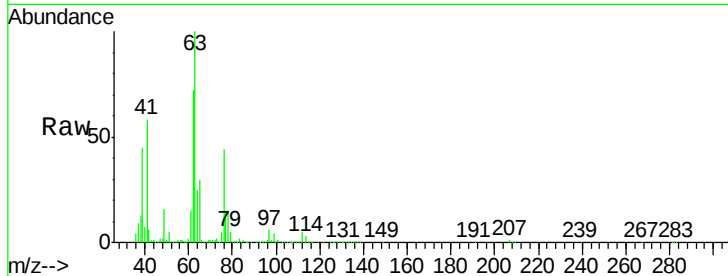
#45
 1,2-Dichloropropane
 Concen: 50.129 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.8	37.2

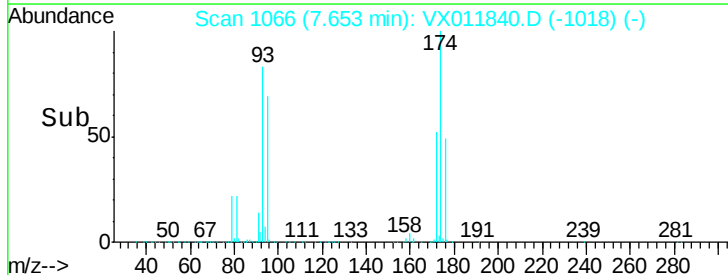
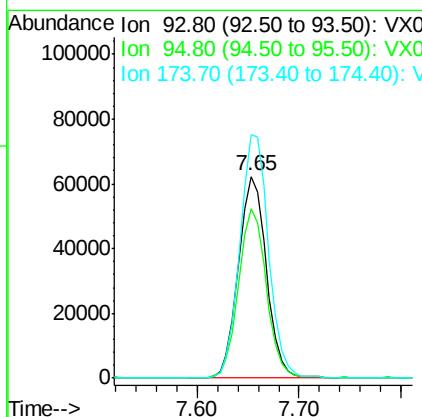
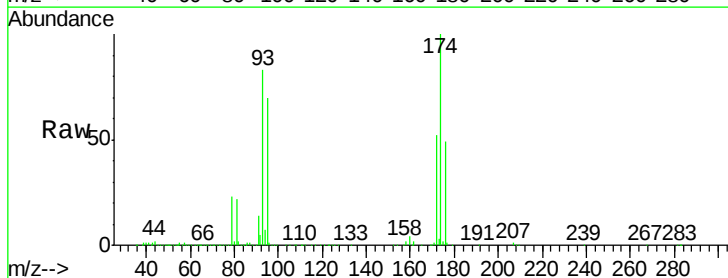
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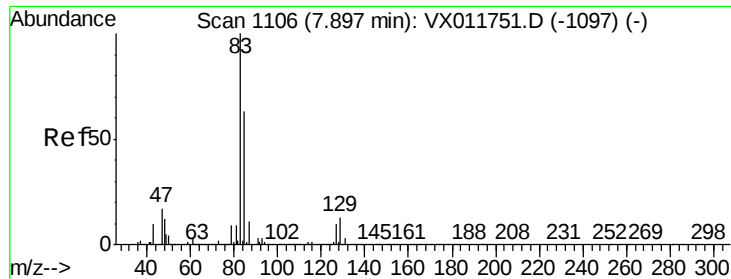
MMDadoda
 8/28/2019 11:44:27 AM



#46
 Dibromomethane
 Concen: 46.476 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.2	99.2
174	124.7	104.2	156.4





#47

Bromodichloromethane

Concen: 55.027 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

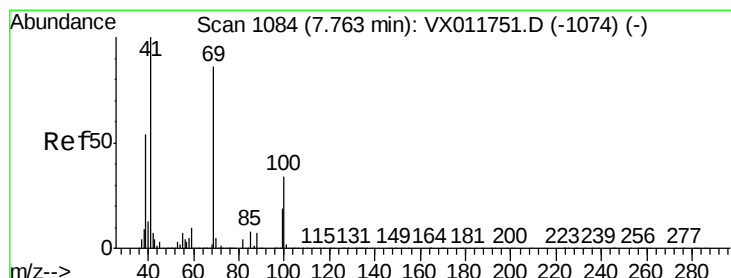
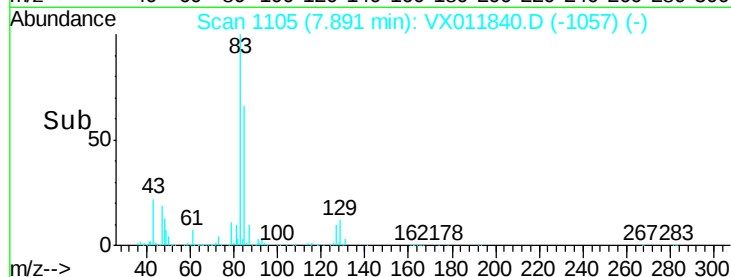
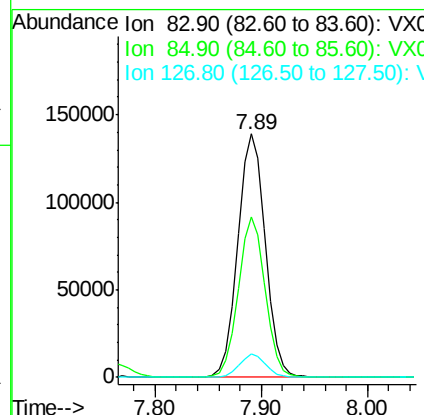
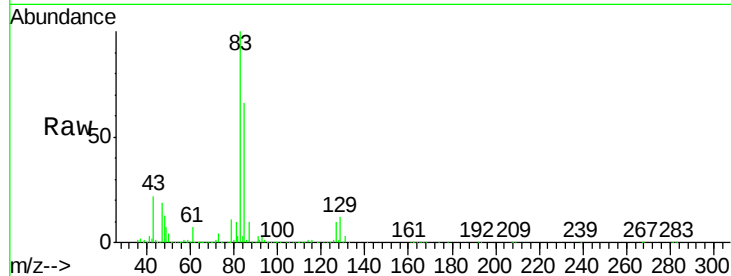
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	251203
Ion Ratio	Lower	Upper	
83	100		
85	65.8	50.6	76.0
127	9.6	8.4	12.6

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#48

Methyl methacrylate

Concen: 57.539 ug/l

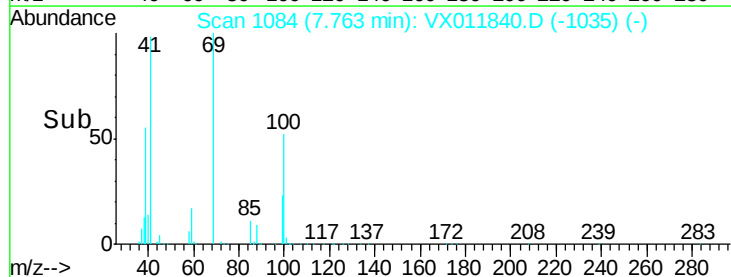
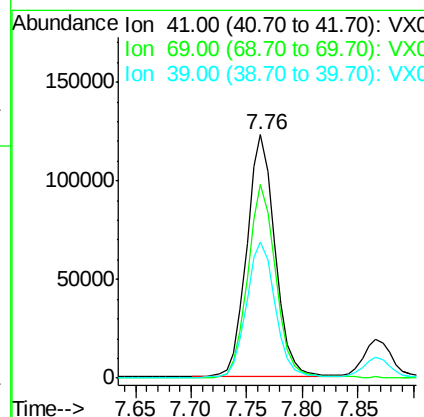
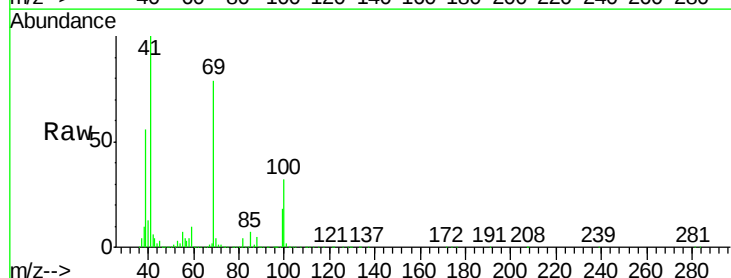
RT: 7.76 min Scan# 1084

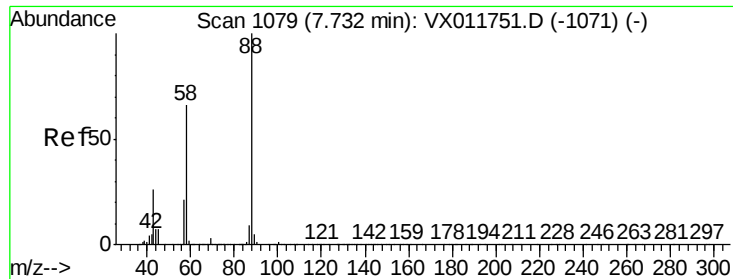
Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	41	Resp:	216971
Ion Ratio	Lower	Upper	
41	100		
69	78.8	69.4	104.2
39	56.9	43.6	65.4





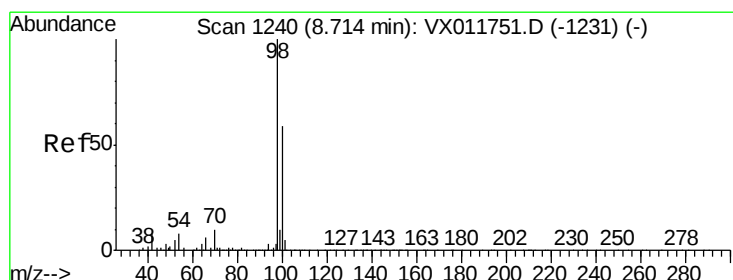
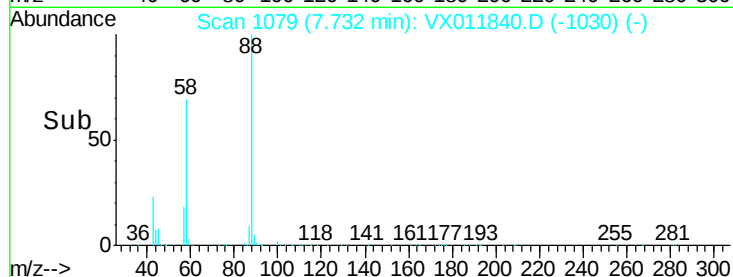
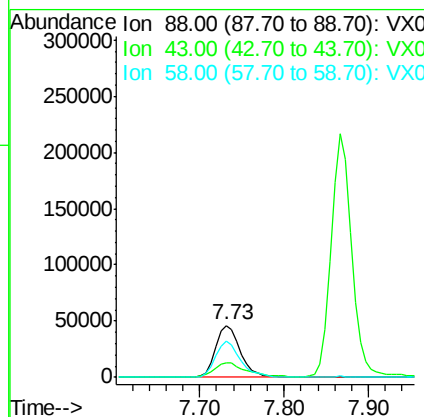
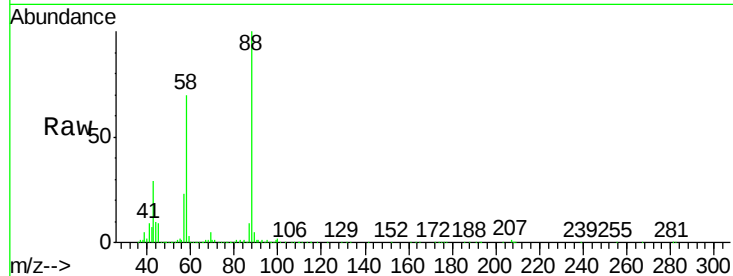
#49
1,4-Dioxane
Concen: 897.718 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	24.6	37.0
58	70.3	51.4	77.2

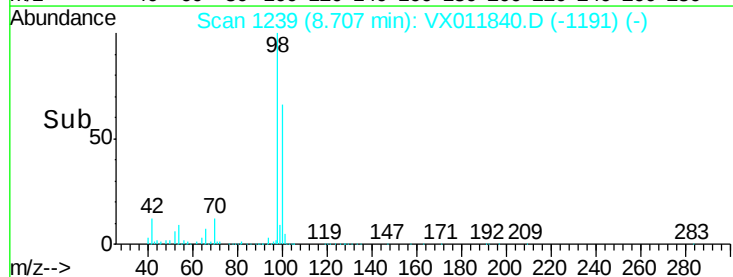
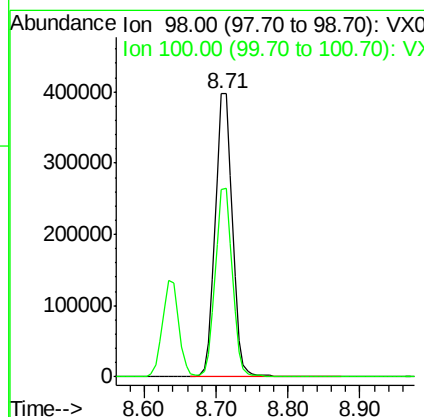
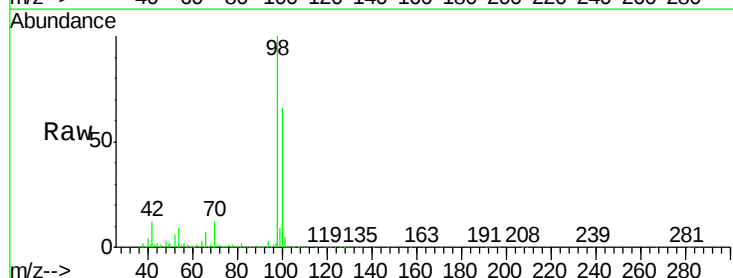
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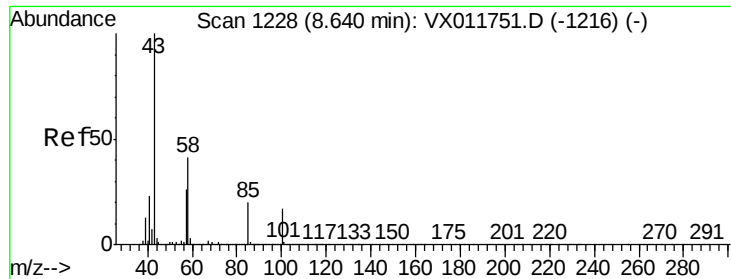
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#50
Toluene-d8
Concen: 51.439 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.1	78.1





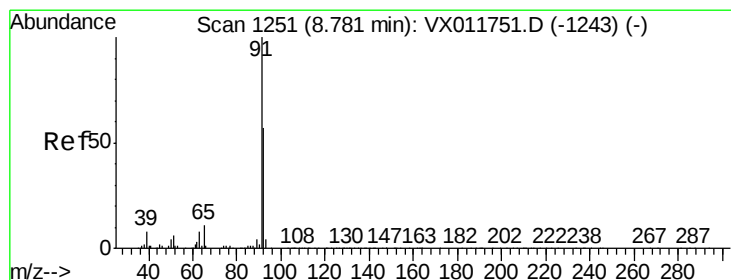
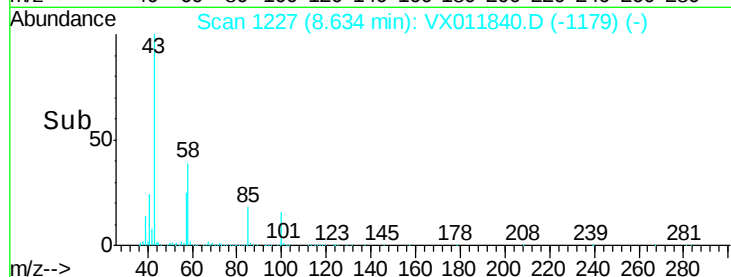
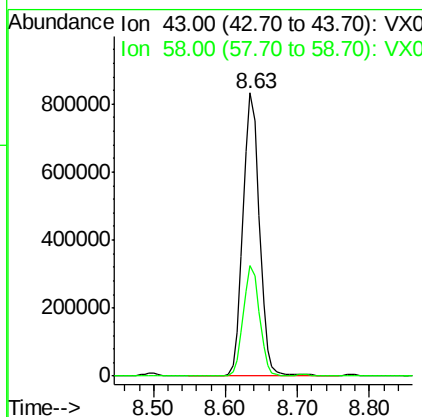
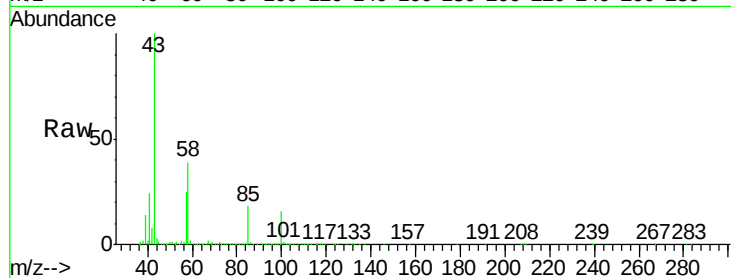
#51
4-Methyl-2-Pentanone
Concen: 263.845 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1317296
Ion Ratio Lower Upper
43 100
58 38.6 31.8 47.6

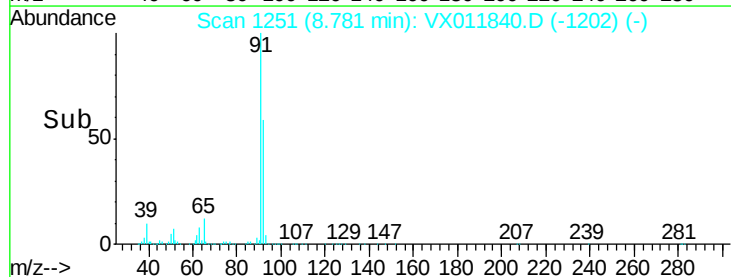
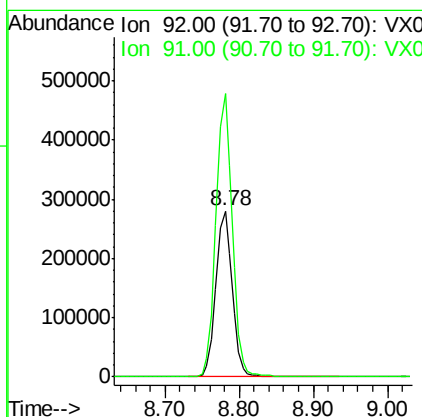
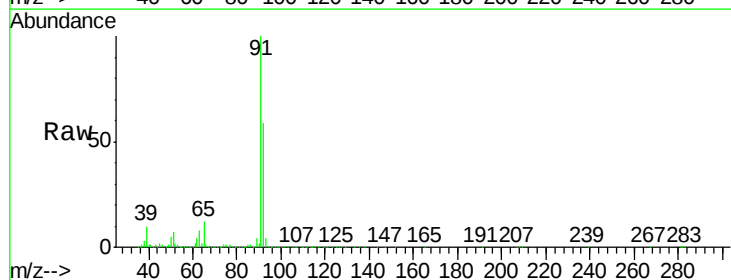
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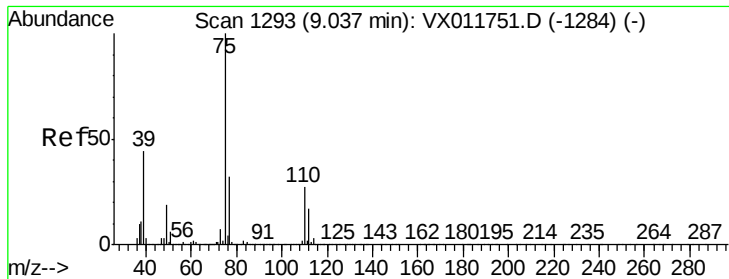
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#52
Toluene
Concen: 47.768 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 92 Resp: 423020
Ion Ratio Lower Upper
92 100
91 170.7 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 60.076 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 287903

Ion Ratio Lower Upper

75 100

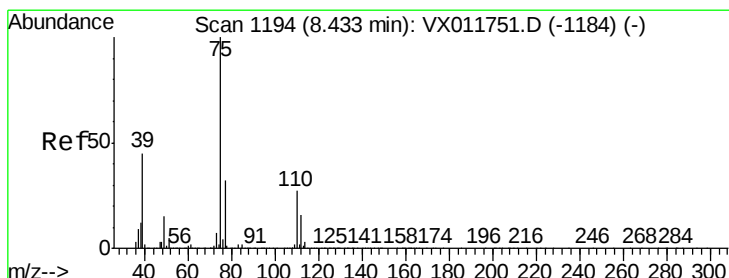
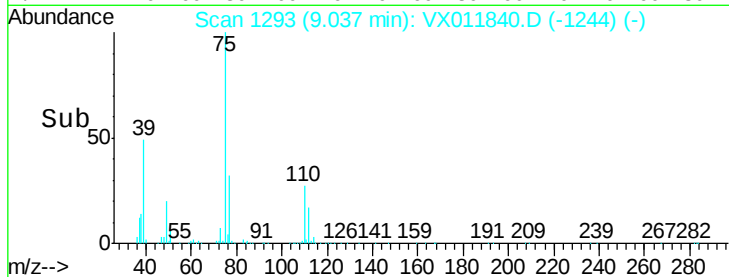
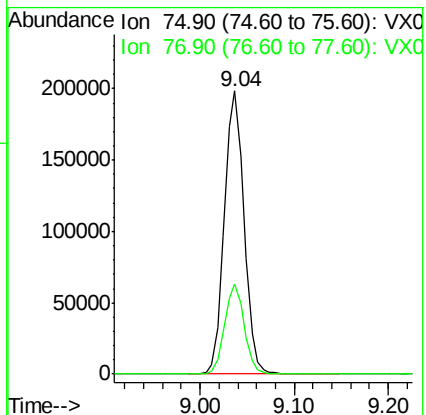
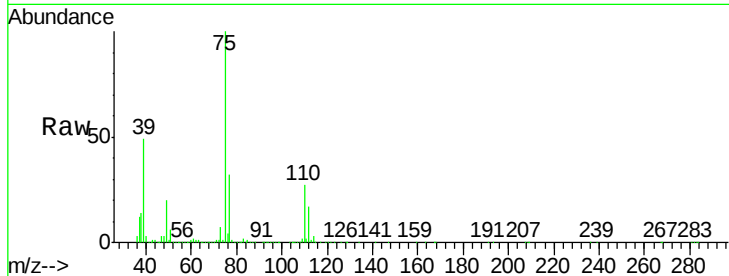
77 31.7 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 57.384 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

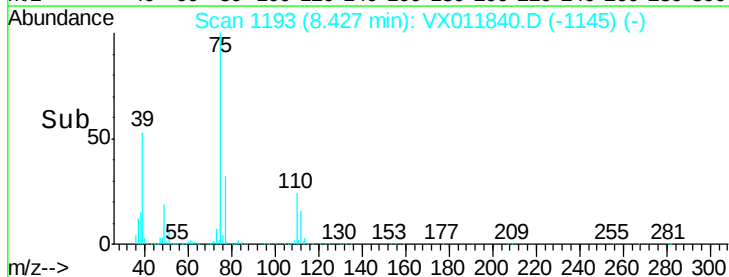
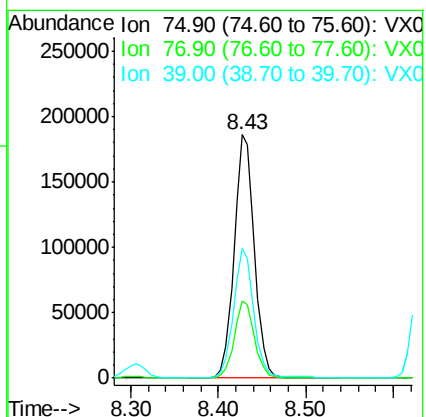
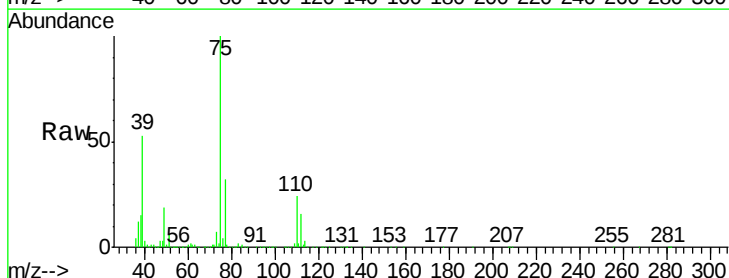
Tgt Ion: 75 Resp: 300006

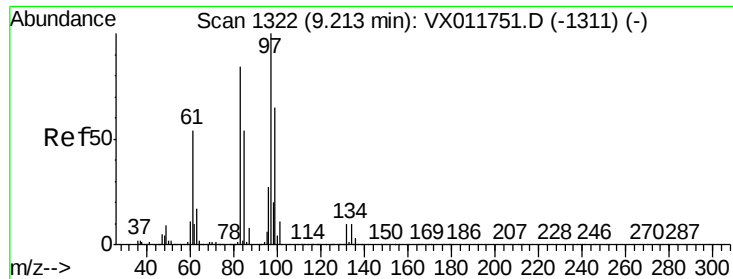
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 52.8 36.2 54.4





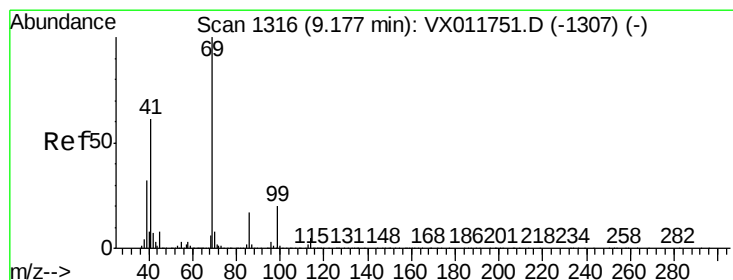
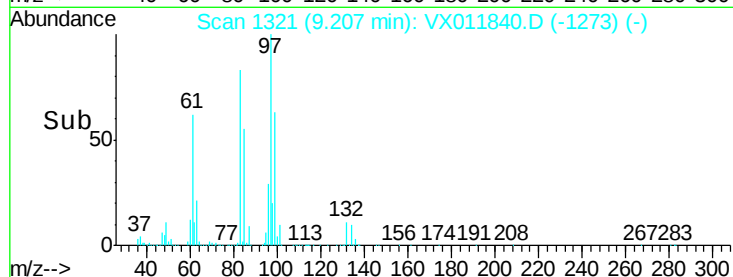
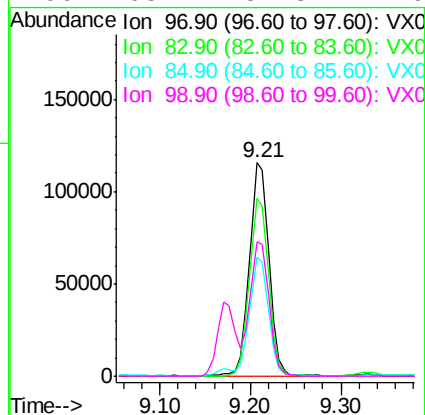
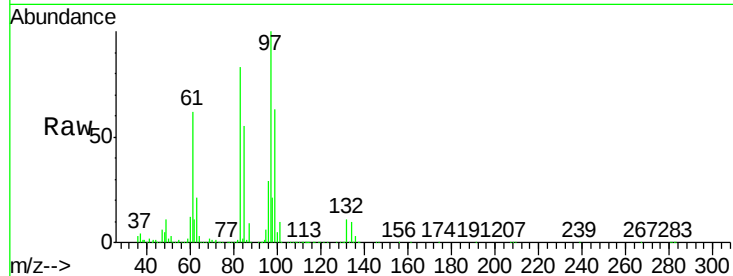
#55
 1,1,2-Trichloroethane
 Concen: 46.531 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		171677		
83	83.3	67.3	100.9		
85	55.4	43.4	65.2		
99	63.1	51.8	77.6		

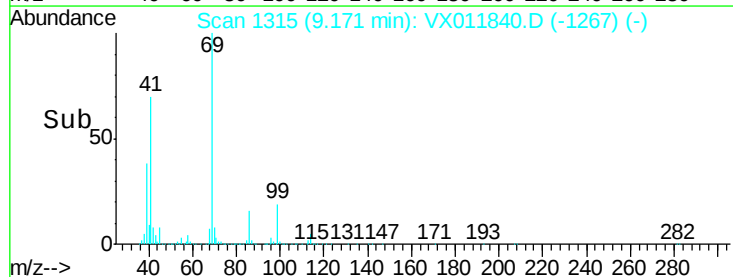
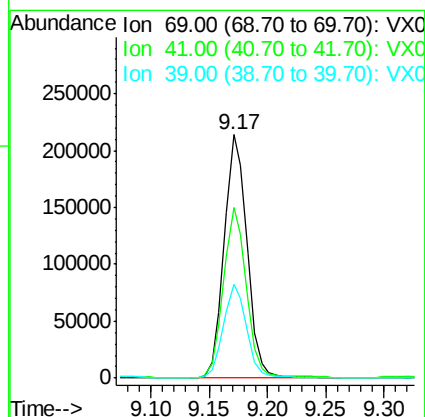
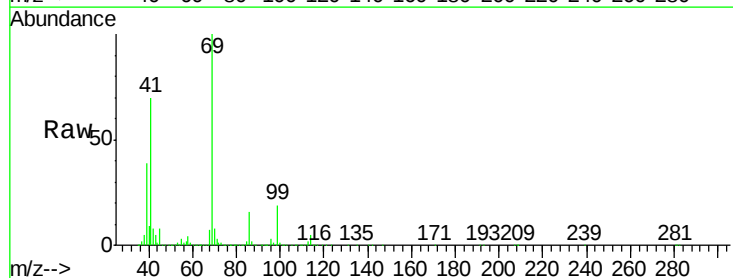
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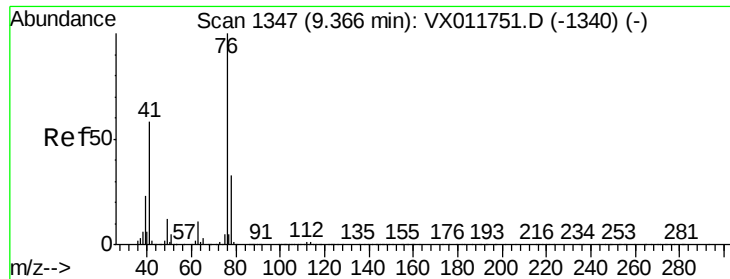
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#56
 Ethyl methacrylate
 Concen: 55.440 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		290900		
41	69.6	50.7	76.1		
39	38.2	26.4	39.6		





#57

1,3-Dichloropropane

Concen: 48.361 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 288107

Ion Ratio Lower Upper

76 100

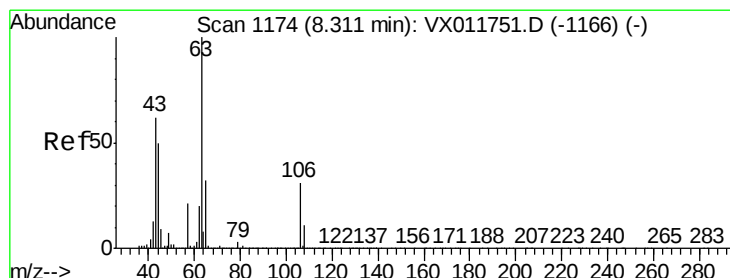
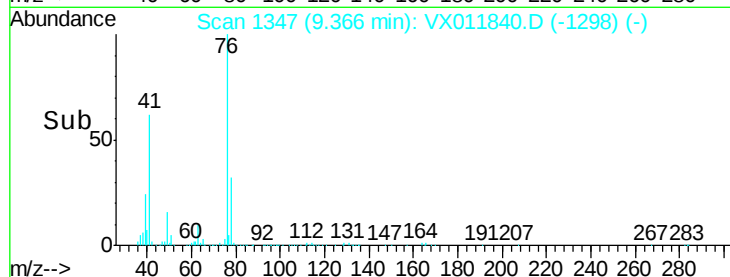
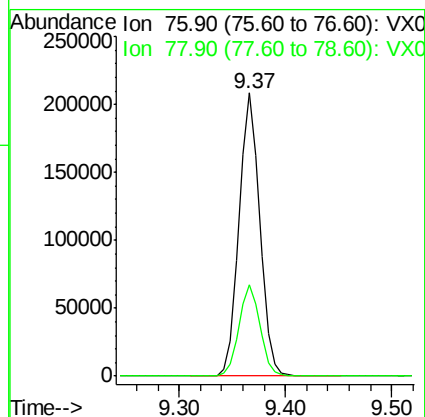
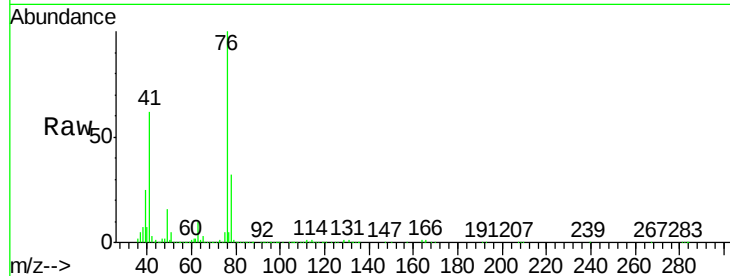
78 32.5 26.6 39.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 280.304 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011840.D

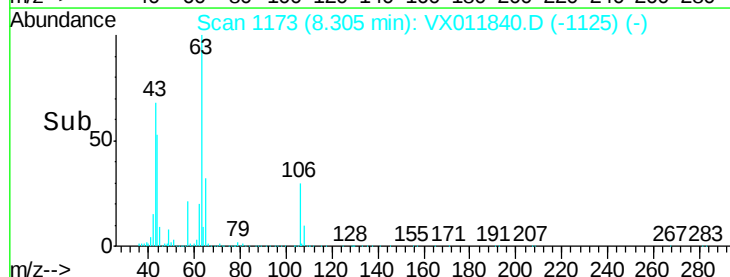
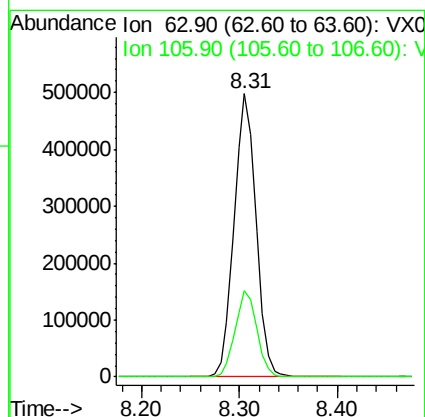
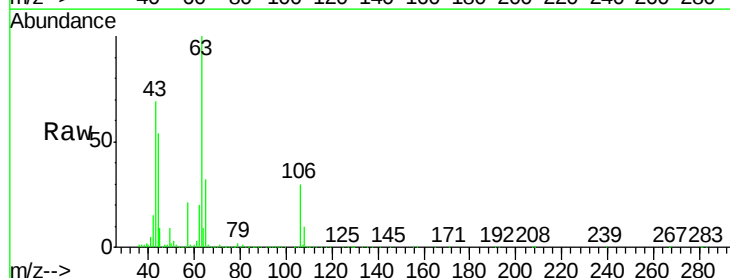
Acq: 27 Aug 2019 11:08

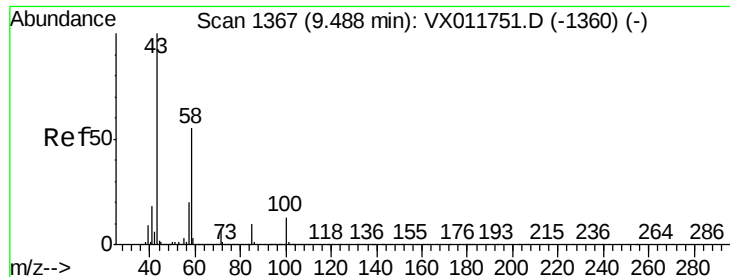
Tgt Ion: 63 Resp: 773683

Ion Ratio Lower Upper

63 100

106 30.3 24.9 37.3





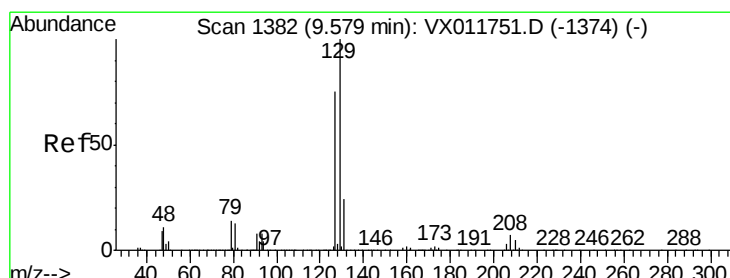
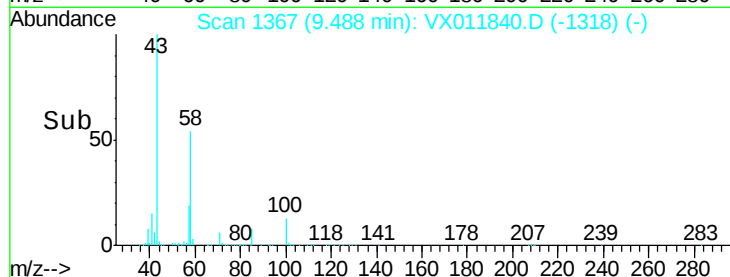
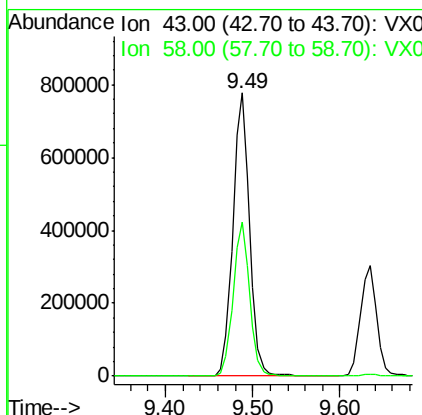
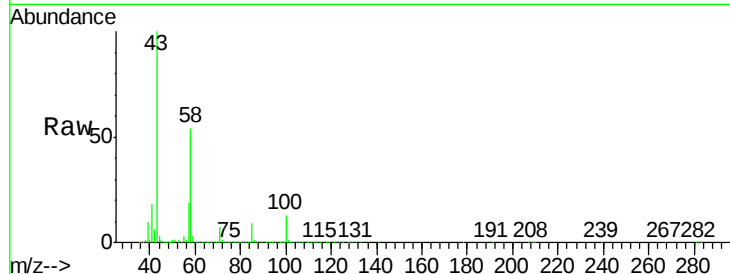
#59
2-Hexanone
Concen: 270.235 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1035549
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.1

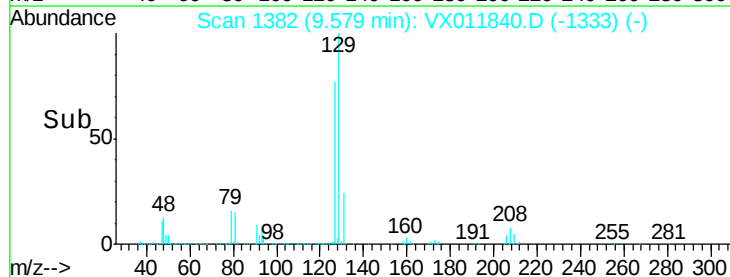
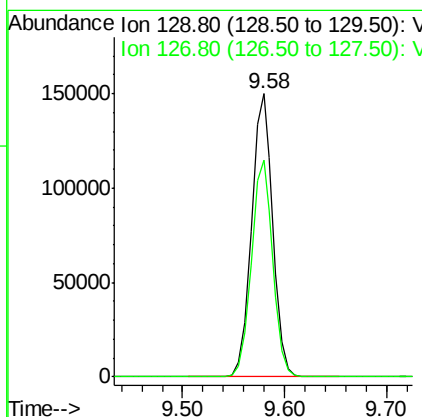
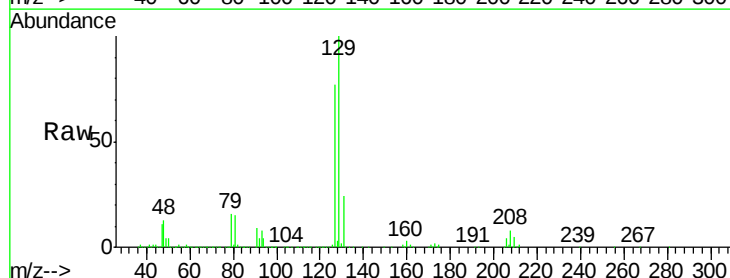
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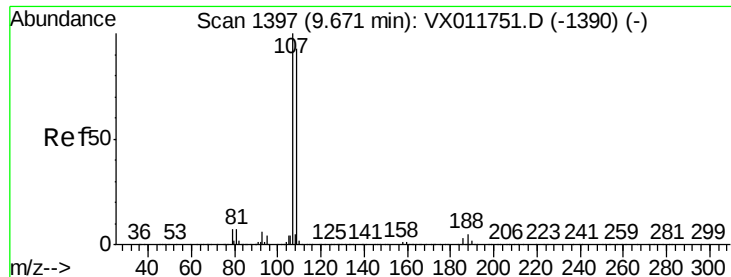
MMDadoda
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#60
Dibromochloromethane
Concen: 54.579 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion: 129 Resp: 217721
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 47.199 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 186850

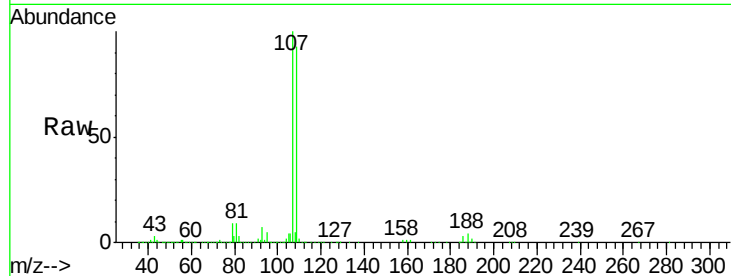
Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

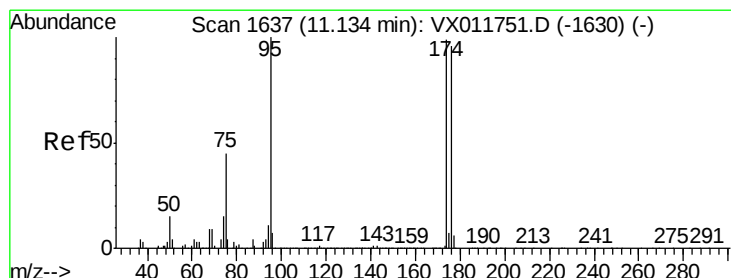
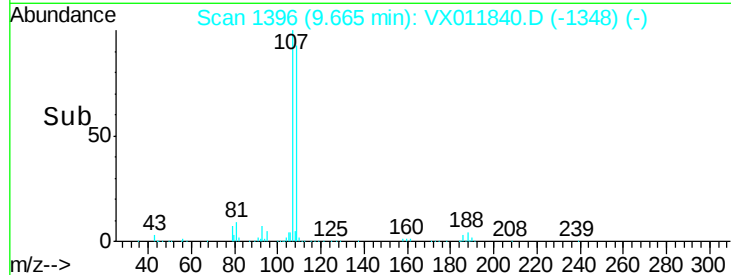
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.311 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

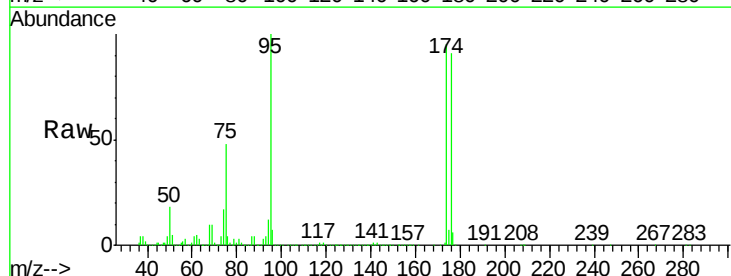
Tgt Ion: 95 Resp: 258054

Ion Ratio Lower Upper

95 100

174 93.7 0.0 197.4

176 91.3 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

250000

200000

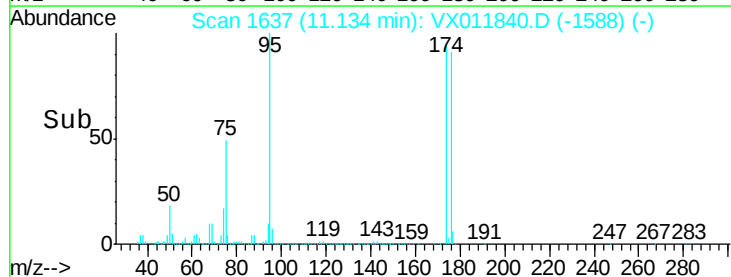
150000

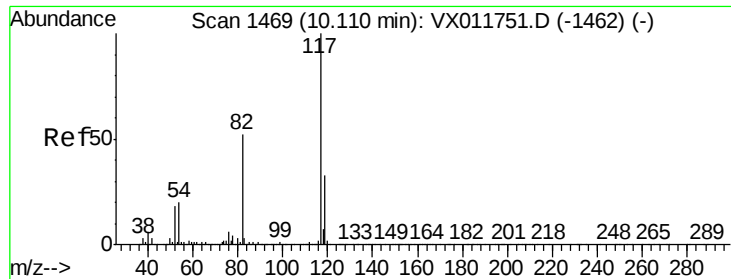
100000

50000

0

Time-->





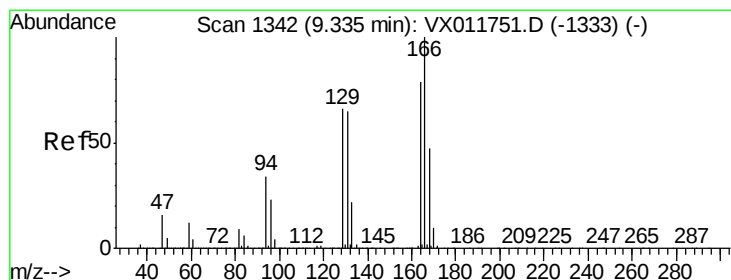
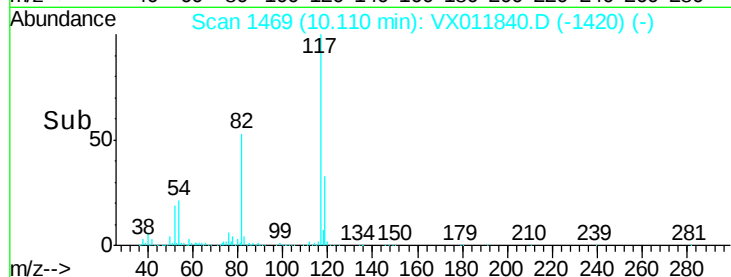
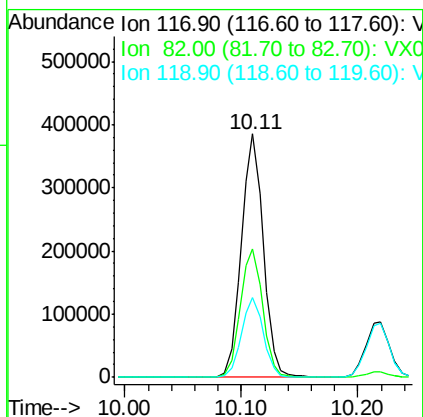
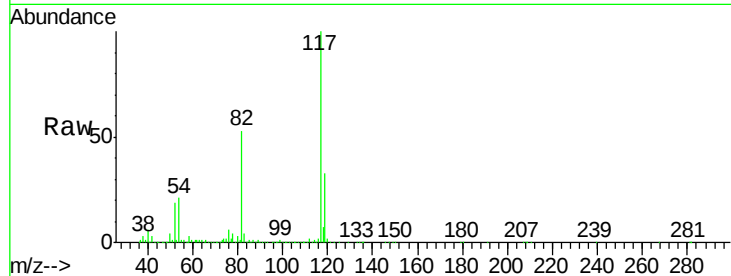
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	508879		
82	52.8		41.7	62.5
119	32.8		26.2	39.2

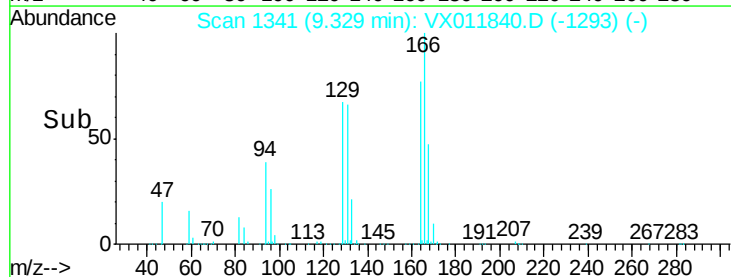
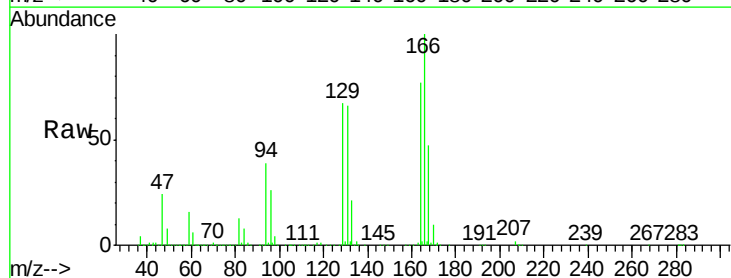
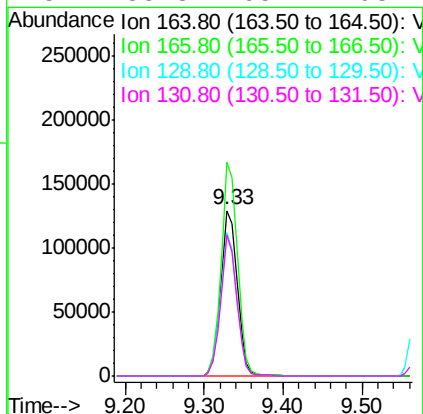
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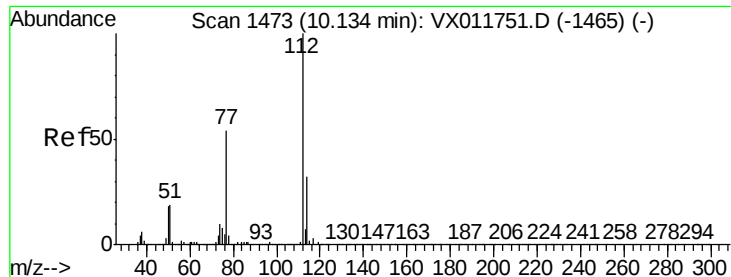
MMDadoda
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#64
Tetrachloroethene
Concen: 46.936 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	190546		
166	129.2		100.7	151.1
129	87.0		66.8	100.2
131	85.3		65.4	98.2





#65

Chlorobenzene

Concen: 47.312 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 470047

Ion Ratio Lower Upper

112 100

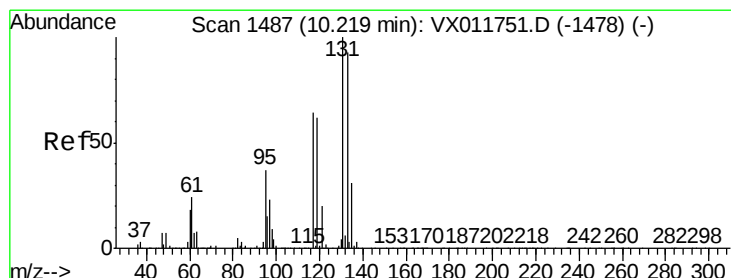
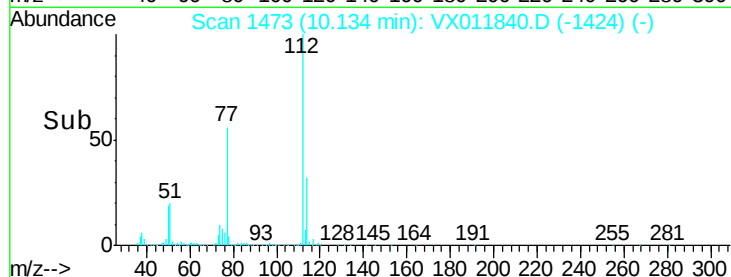
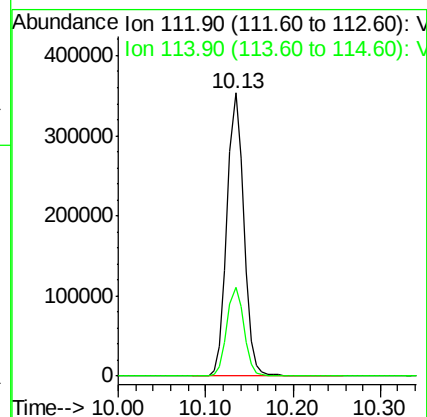
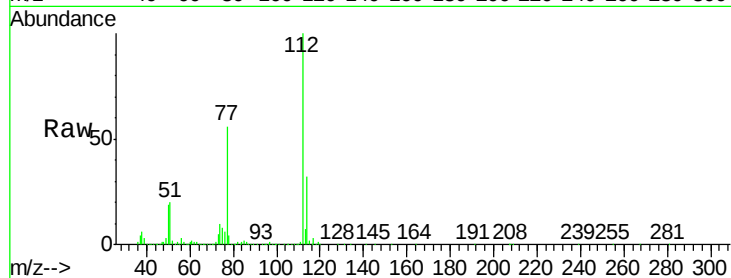
114 31.6 25.4 38.0

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.631 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

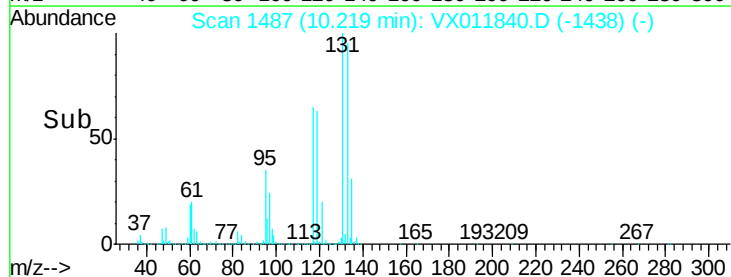
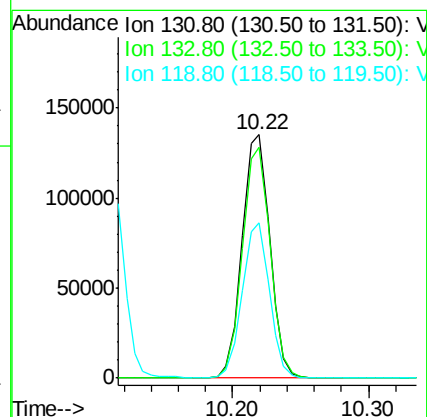
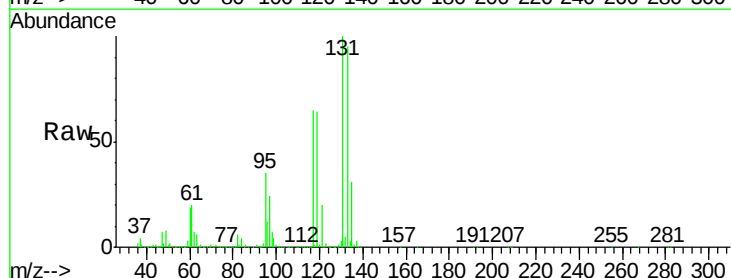
Tgt Ion:131 Resp: 192189

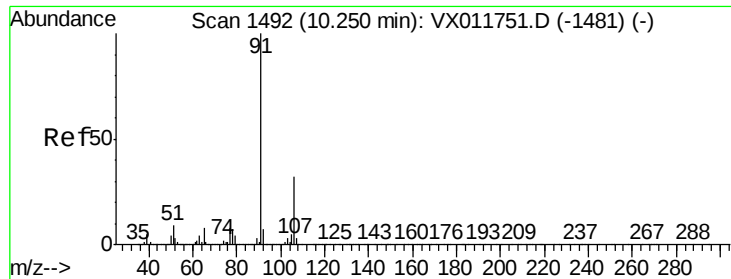
Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.4

119 62.3 31.3 93.8





#67

Ethyl Benzene

Concen: 49.870 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 827971

Ion Ratio Lower Upper

91 100

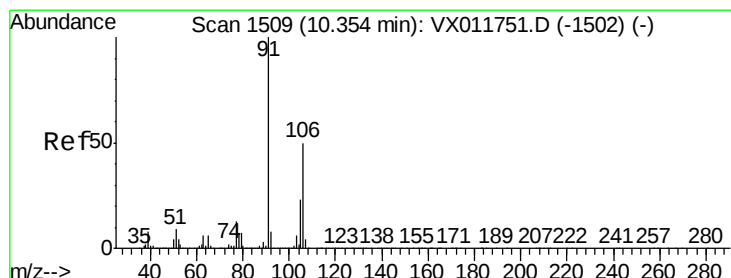
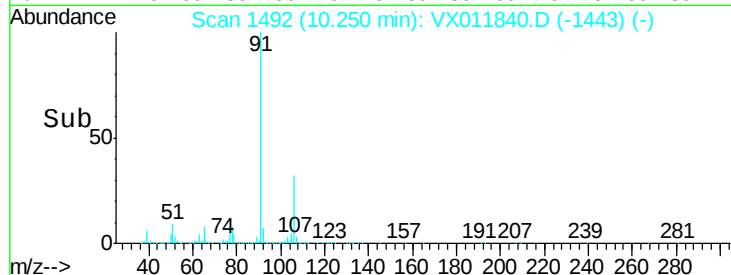
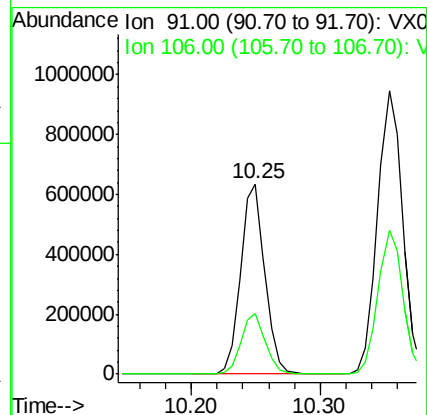
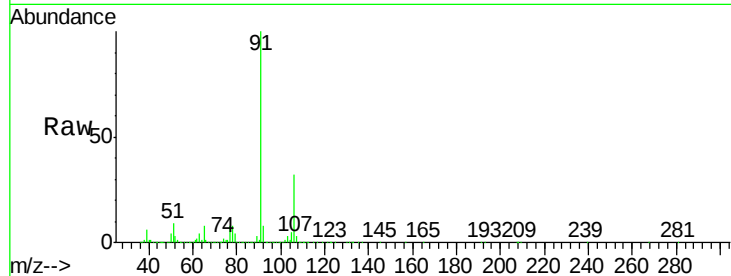
106 31.7 25.5 38.3

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#68

m/p-Xylenes

Concen: 99.471 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011840.D

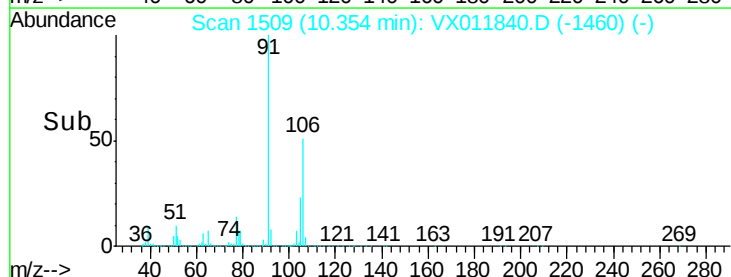
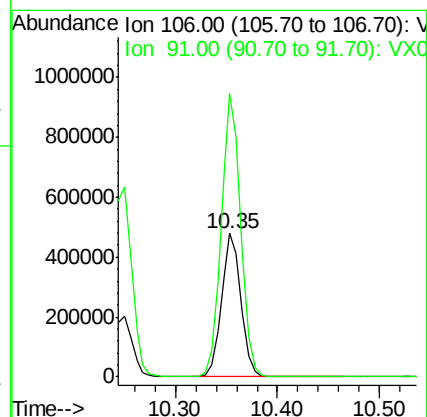
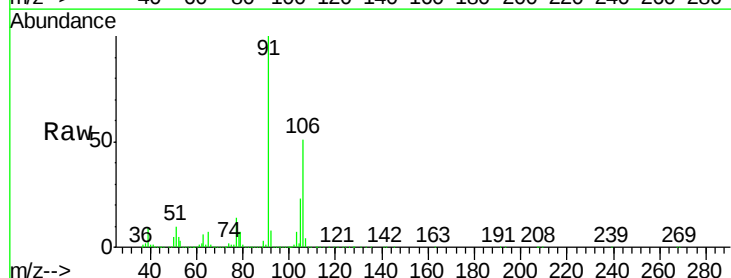
Acq: 27 Aug 2019 11:08

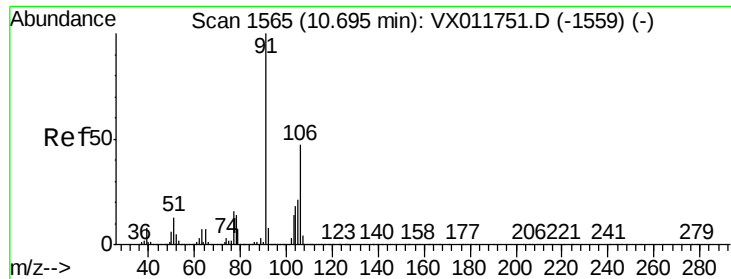
Tgt Ion: 106 Resp: 636784

Ion Ratio Lower Upper

106 100

91 198.7 158.3 237.5





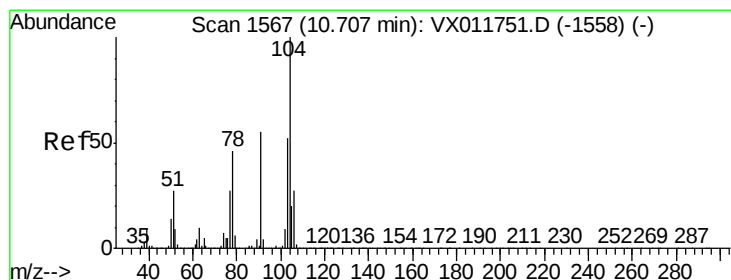
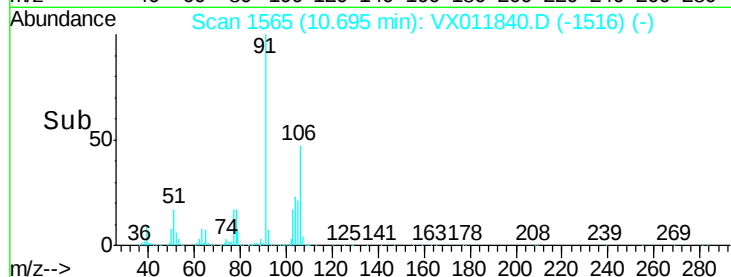
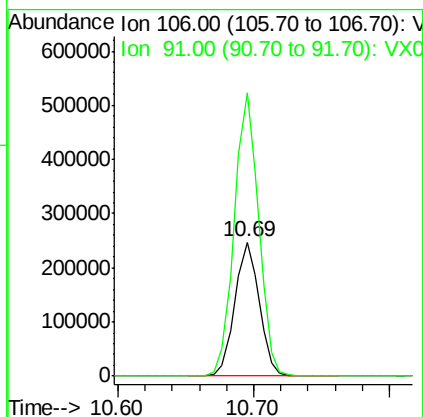
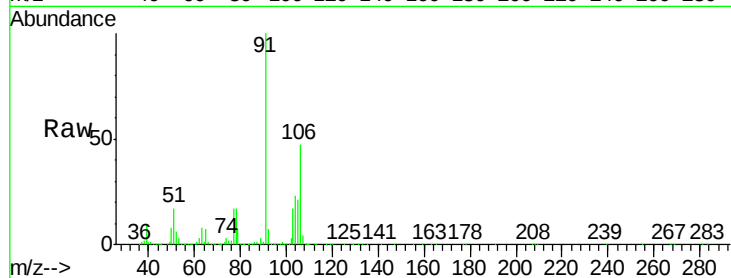
#69
o-Xylene
Concen: 49.119 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.5	105.0	314.9

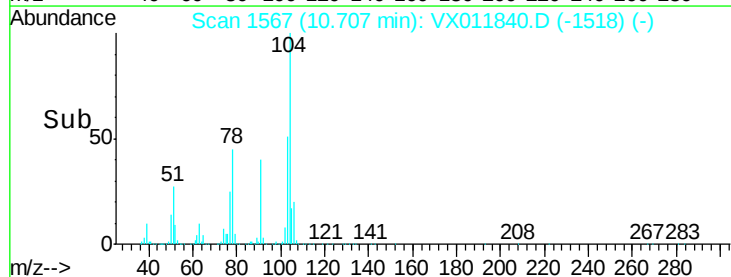
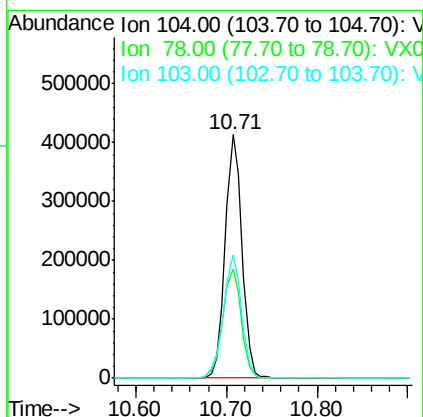
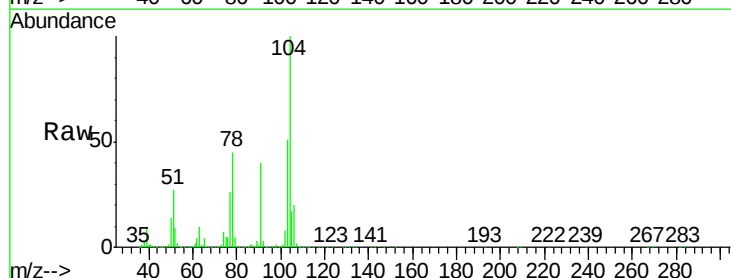
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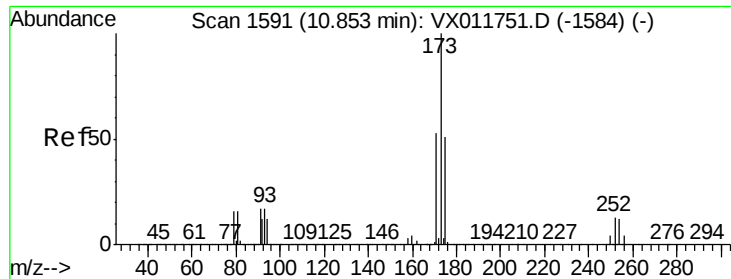
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#70
Styrene
Concen: 50.725 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.2	58.8
103	54.5	44.5	66.7





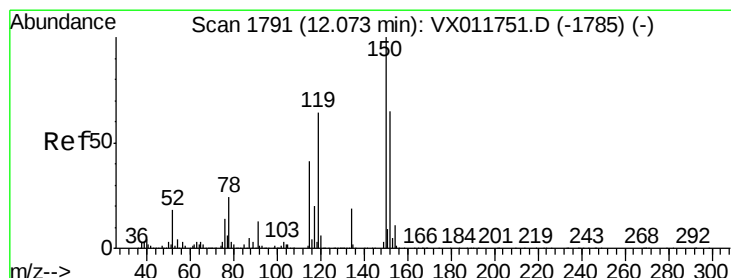
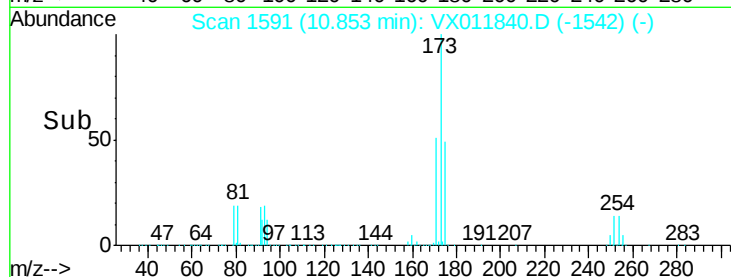
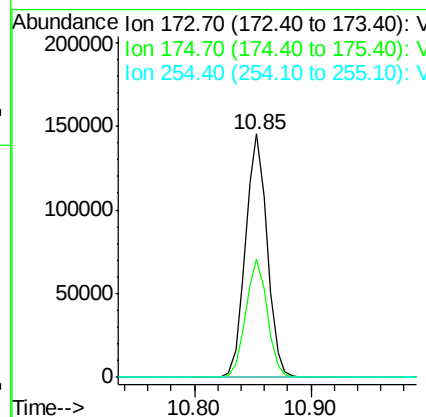
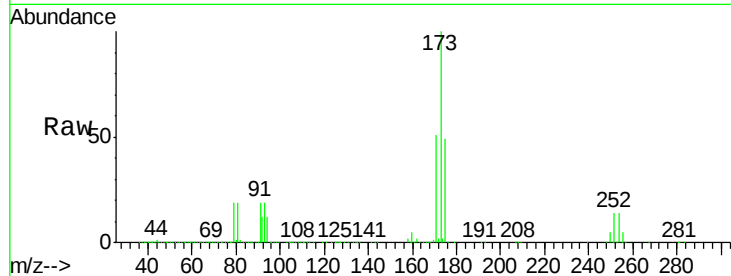
#71
Bromoform
Concen: 58.873 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	25.1	75.3
254	0.2	0.2	0.4

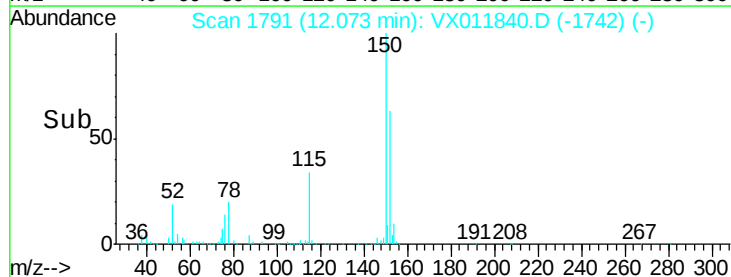
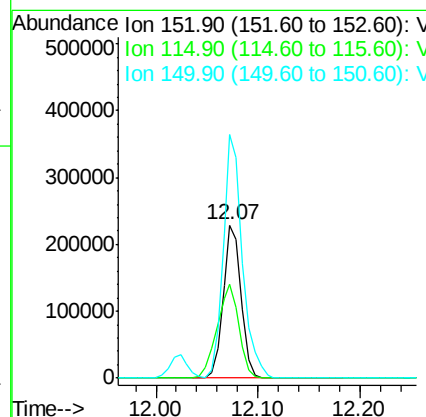
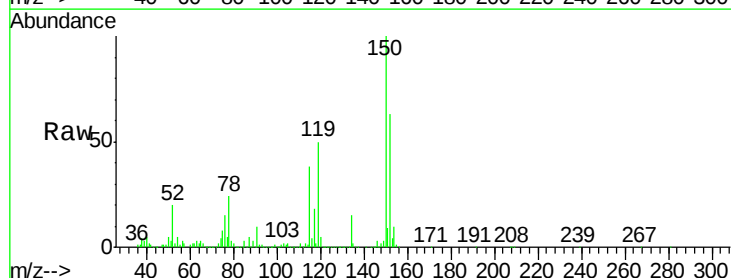
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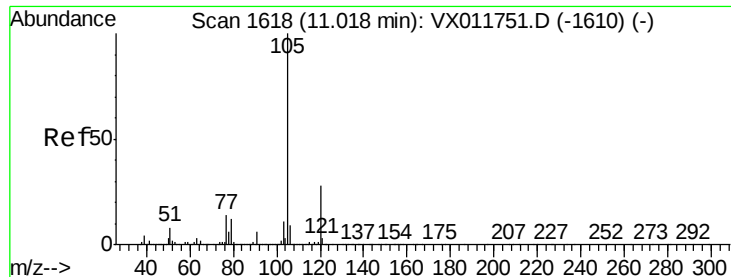
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.1	37.3	111.8
150	170.6	0.0	343.0





#73

Isopropylbenzene

Concen: 49.174 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 830519

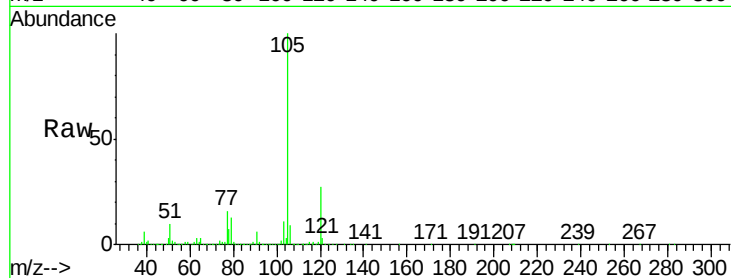
Ion Ratio Lower Upper

105 100

120 27.6 13.9 41.7

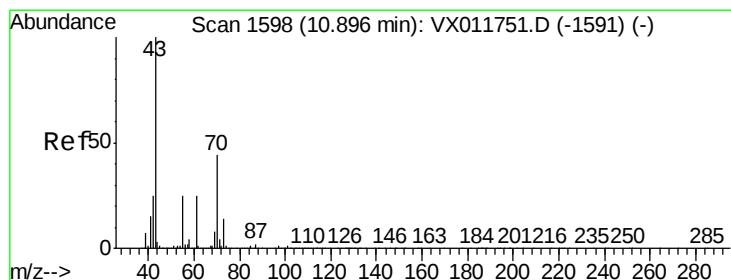
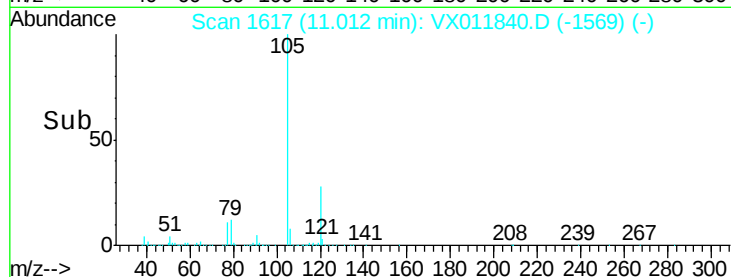
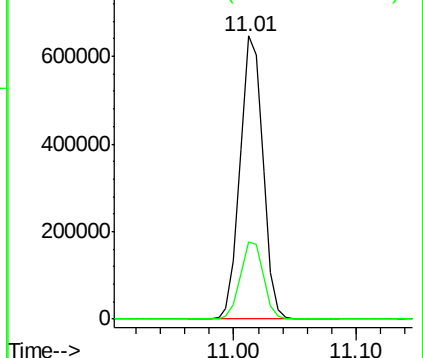
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.715 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion: 43 Resp: 397003

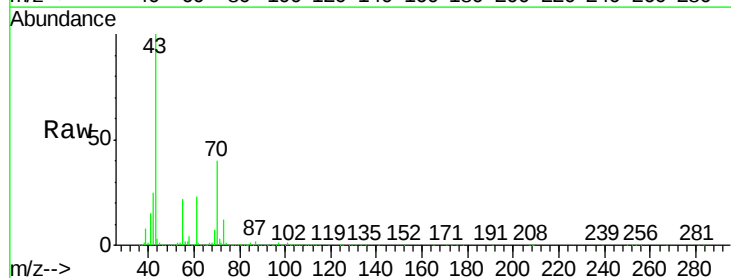
Ion Ratio Lower Upper

43 100

70 41.1 34.8 52.2

55 22.5 19.5 29.3

61 24.0 19.8 29.6

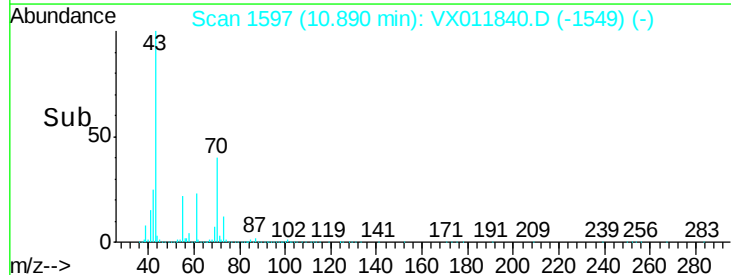
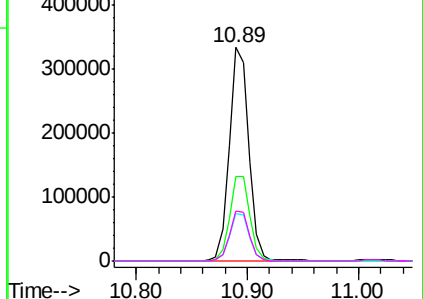


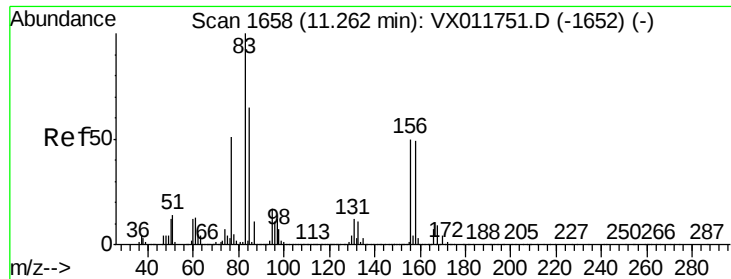
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.541 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

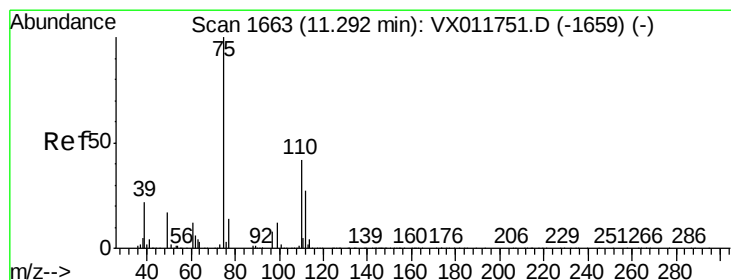
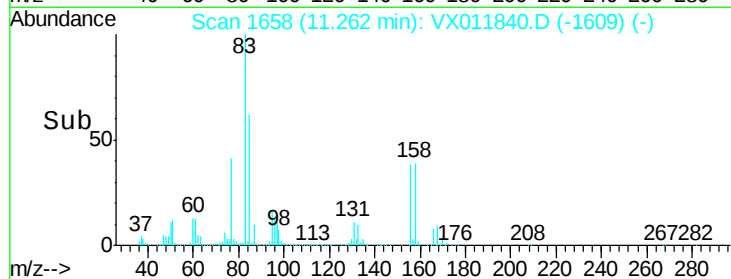
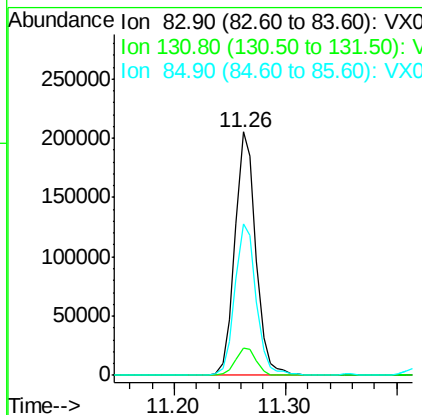
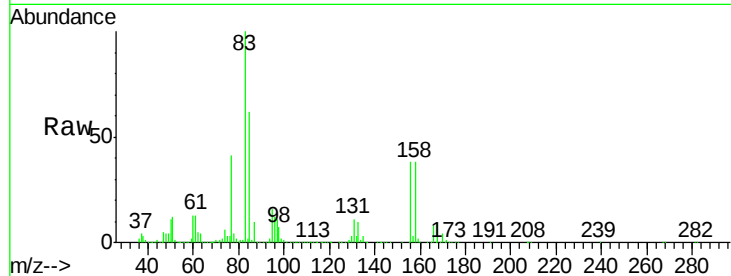
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	265771
Ion Ratio	Lower	Upper	
83	100		
131	11.4	6.1	18.3
85	63.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 50.649 ug/l m

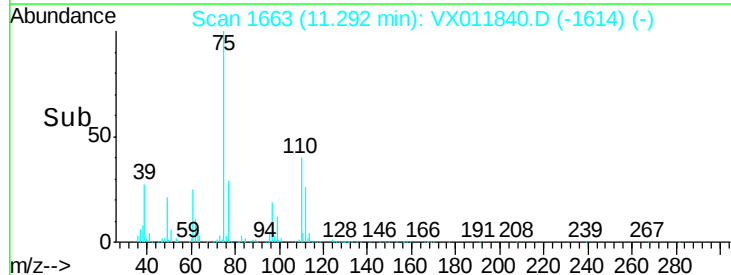
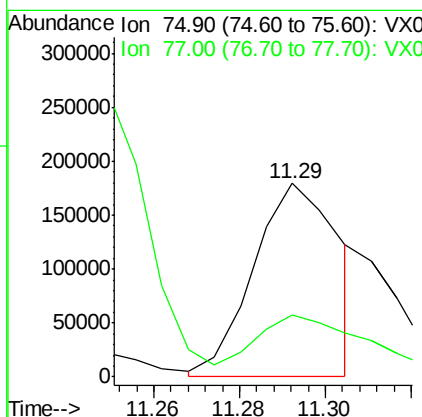
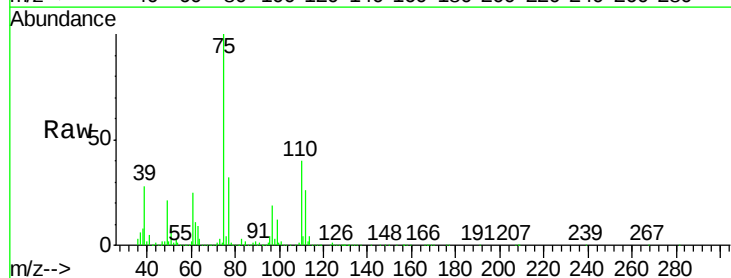
RT: 11.29 min Scan# 1663

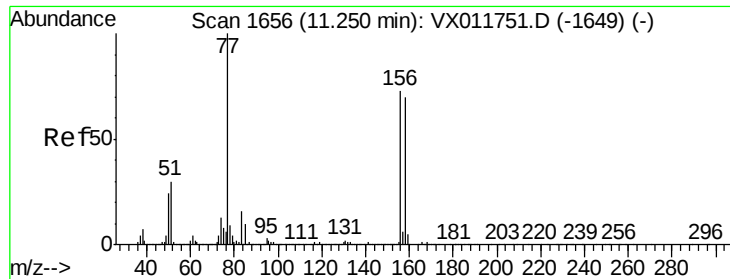
Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	75	Resp:	249080
Ion Ratio	Lower	Upper	
75	100		
77	41.8	21.1	63.3





#77

Bromobenzene

Concen: 46.461 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

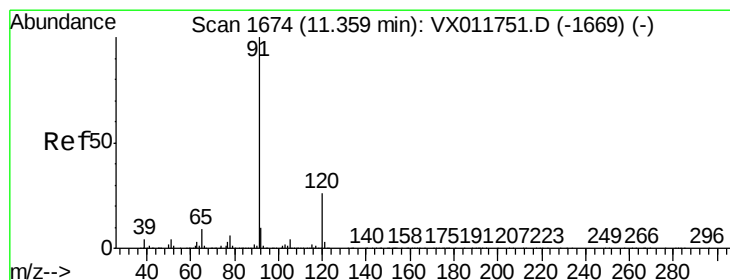
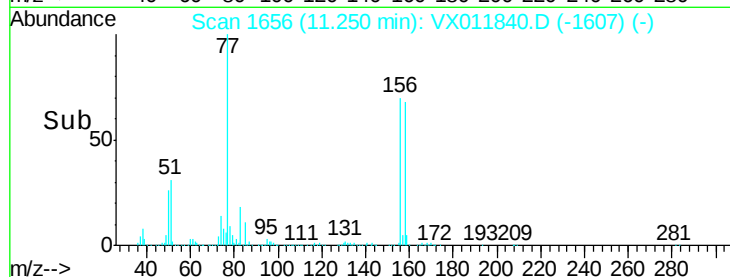
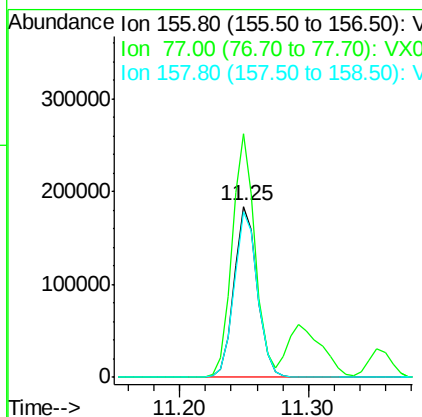
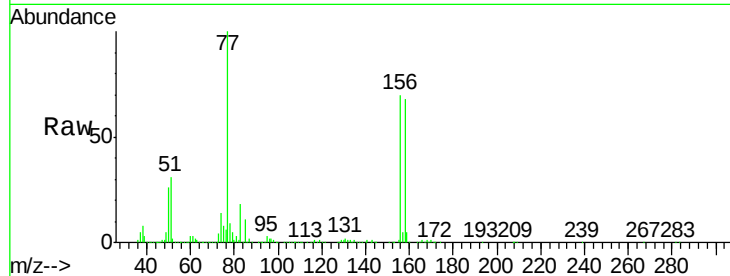
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	231334
Ion Ratio	Lower	Upper	
156	100		
77	141.0	65.3	196.0
158	97.5	48.4	145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 52.512 ug/l

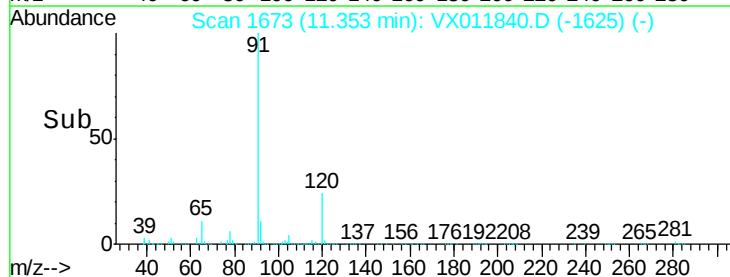
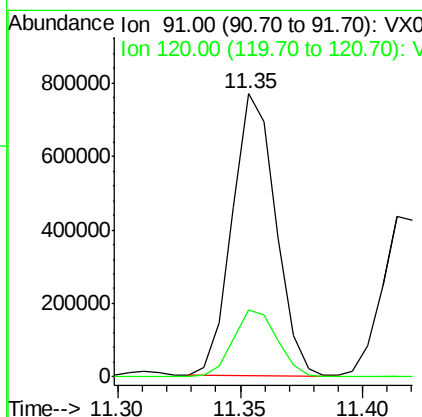
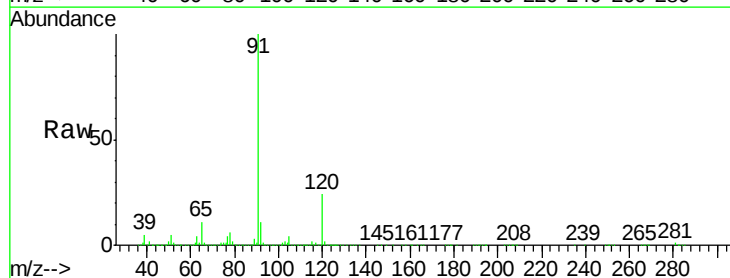
RT: 11.35 min Scan# 1673

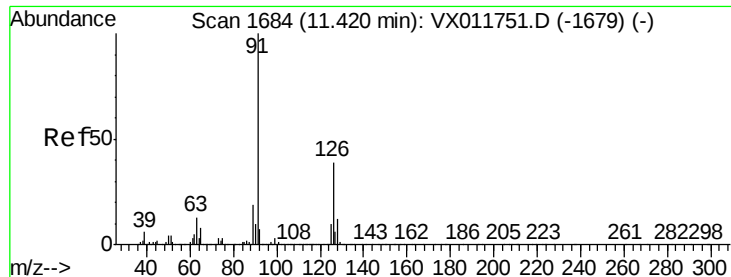
Delta R.T. -0.01 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Tgt Ion:	91	Resp:	948356
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.7	38.1





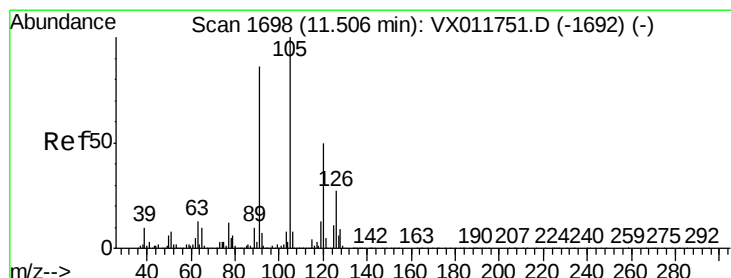
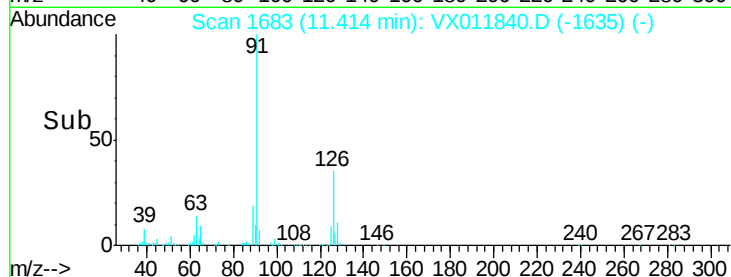
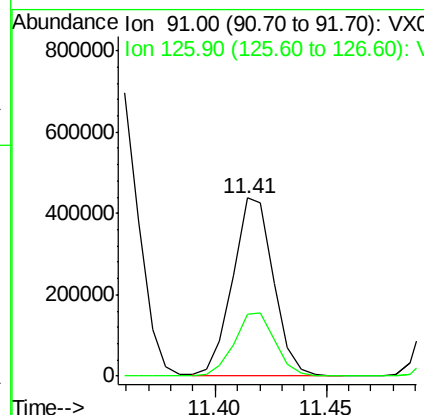
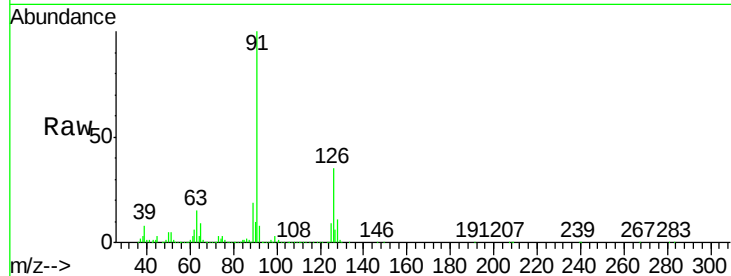
#79
 2-Chlorotoluene
 Concen: 49.623 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.7	18.6	55.6

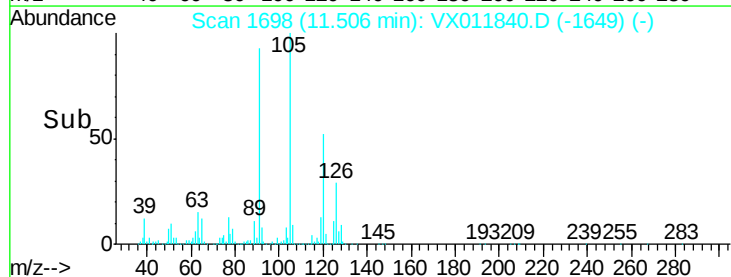
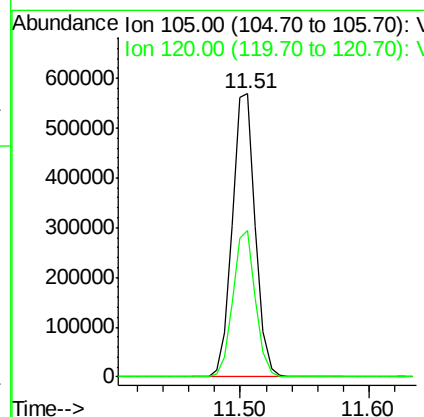
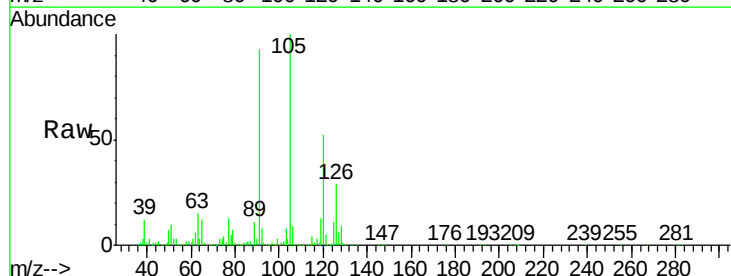
Manual Integrations
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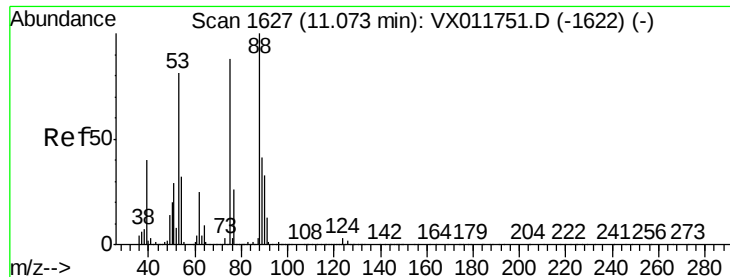
MMDadoda
 8/28/2019 11:44:27 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.528 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.8	74.4





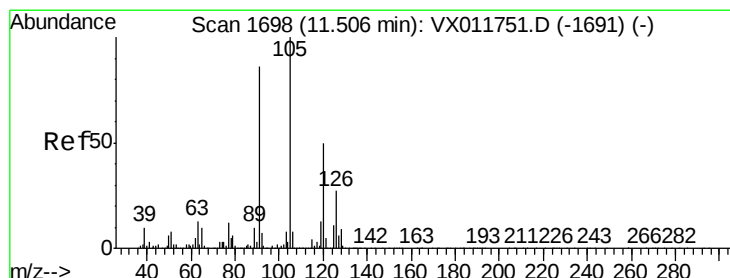
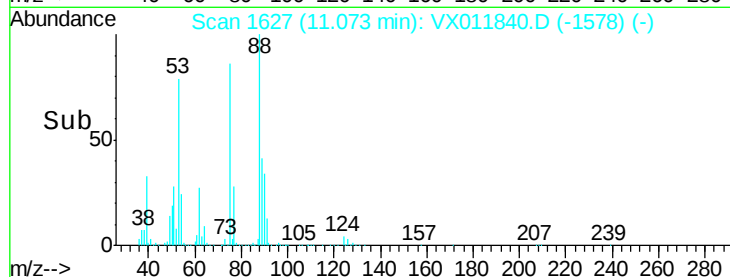
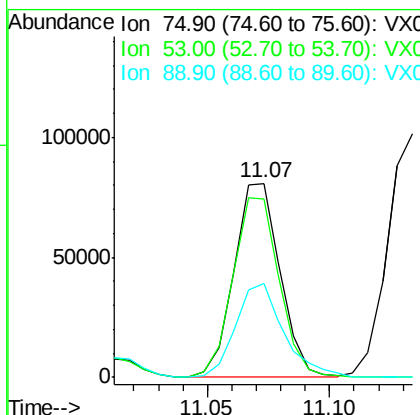
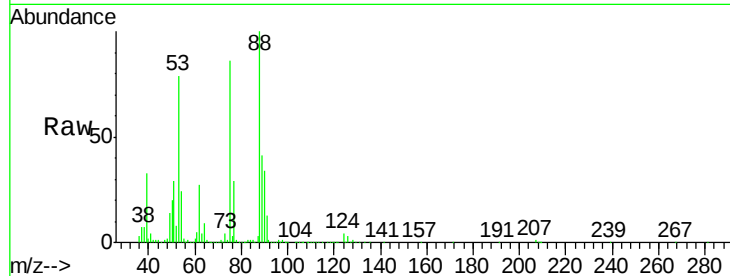
#81
trans-1,4-Dichloro-2-butene
Concen: 64.394 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.6	77.1	115.7
89	51.1	38.5	57.7

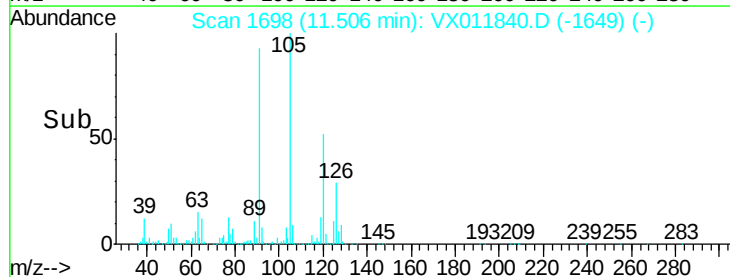
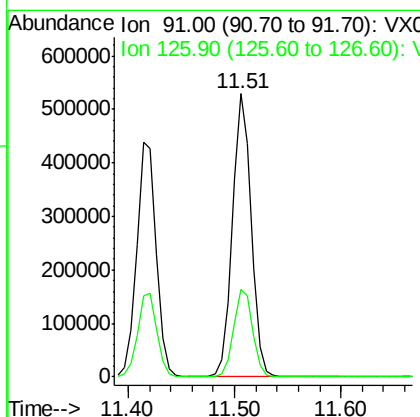
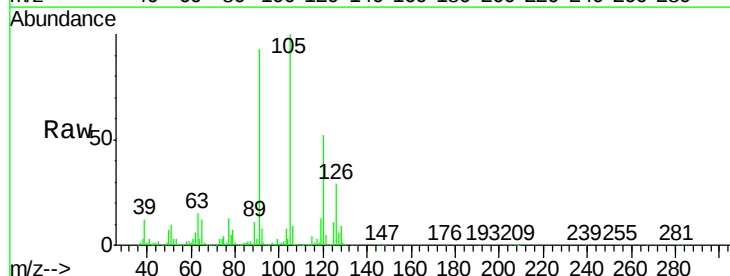
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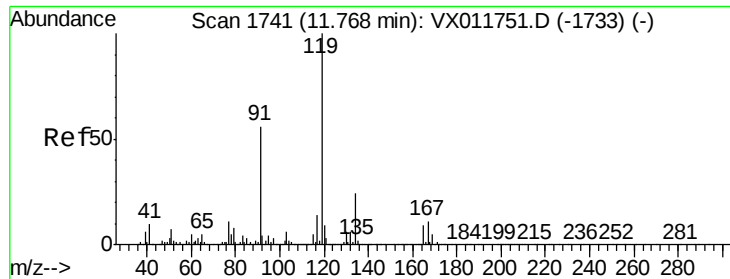
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.541 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.2	48.6





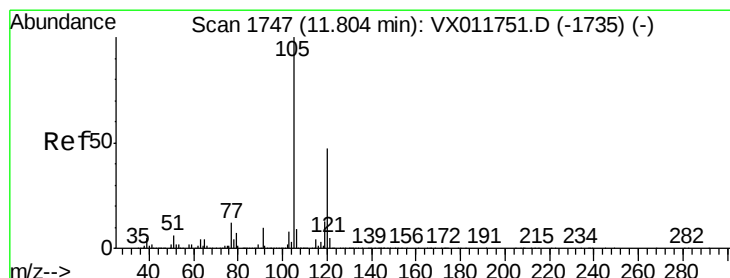
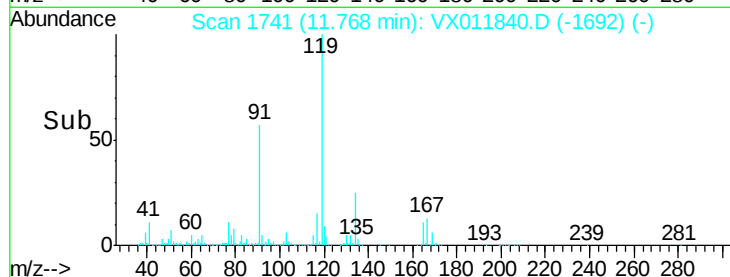
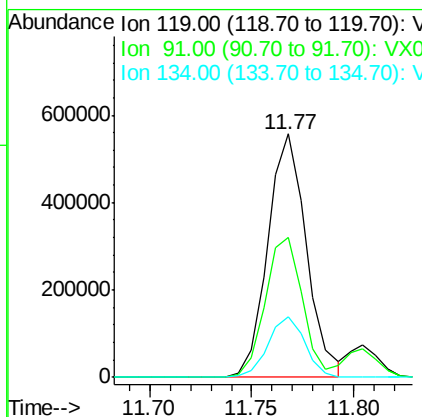
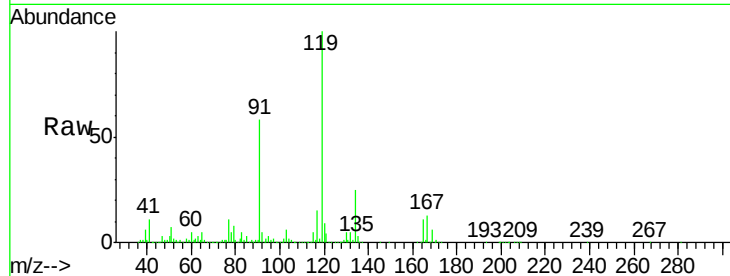
#83
 tert-Butylbenzene
 Concen: 52.839 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	734645		
91	55.2		27.7	83.1
134	23.8		11.8	35.3

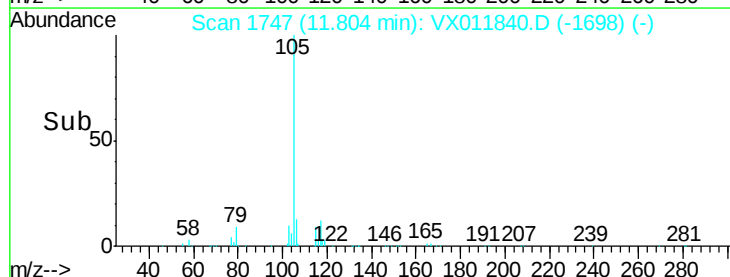
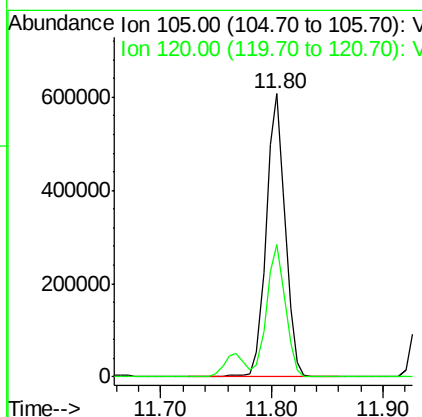
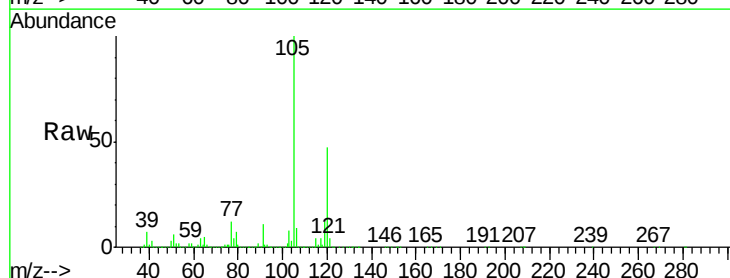
Manual Integrations
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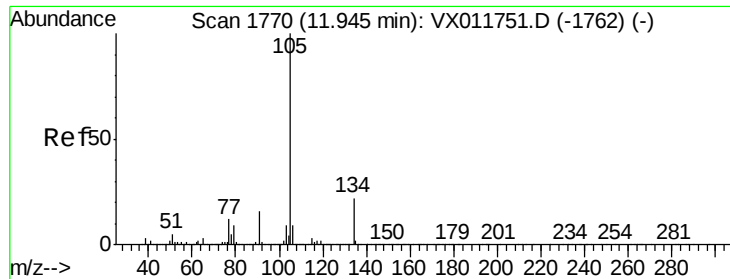
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.884 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	724103		
120	46.2		23.7	71.1





#85

sec-Butylbenzene

Concen: 52.072 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 828157

Ion Ratio Lower Upper

105 100

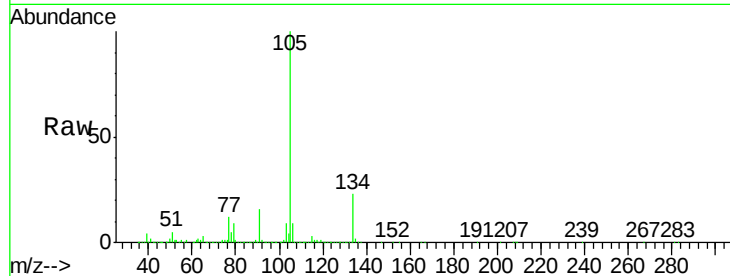
134 22.1 10.8 32.3

Manual Integrations

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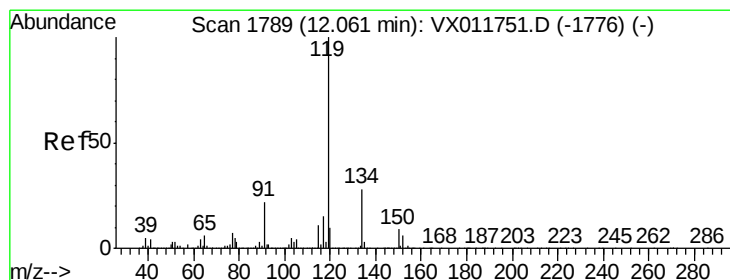
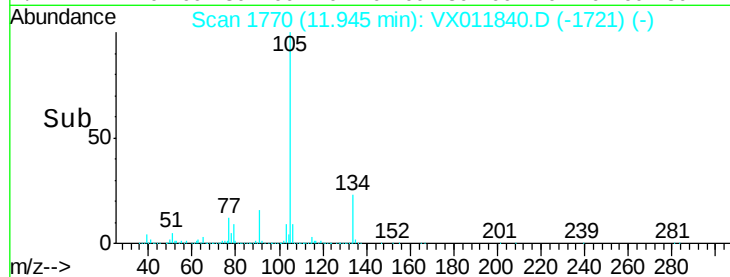
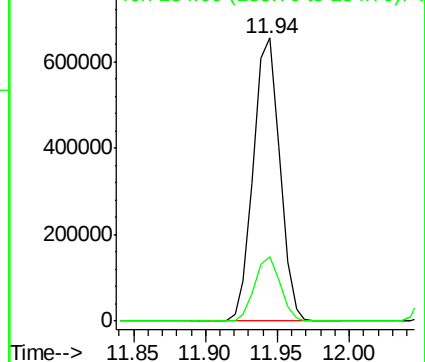
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.316 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011840.D

Acq: 27 Aug 2019 11:08

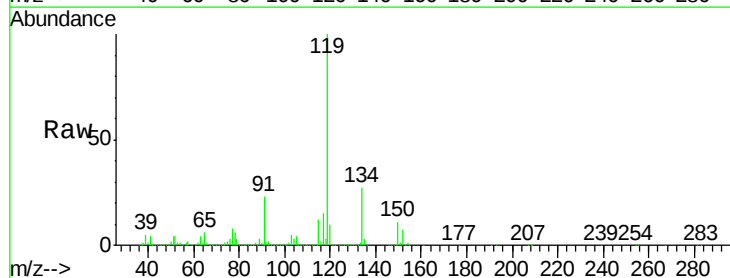
Tgt Ion:119 Resp: 800535

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

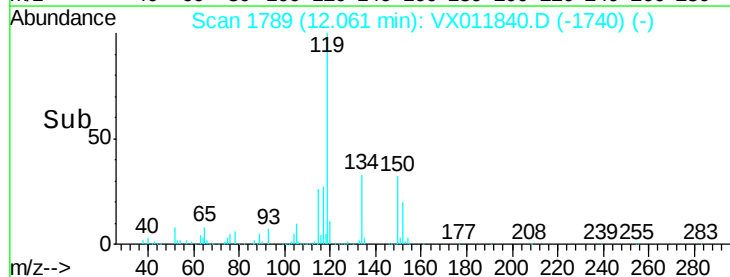
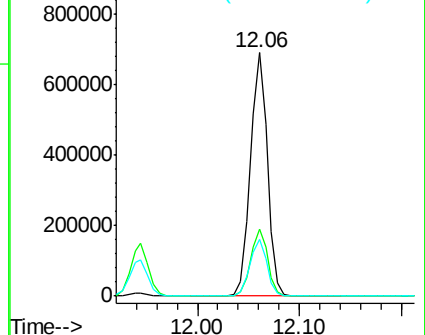
91 23.2 11.1 33.3

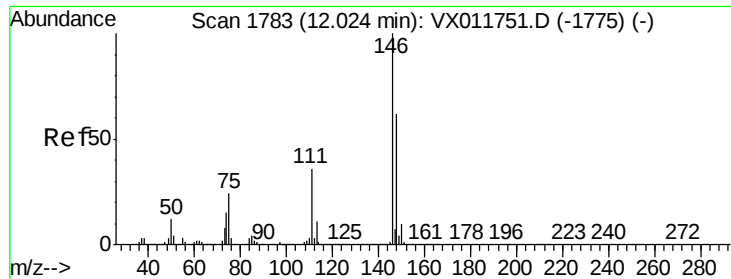


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





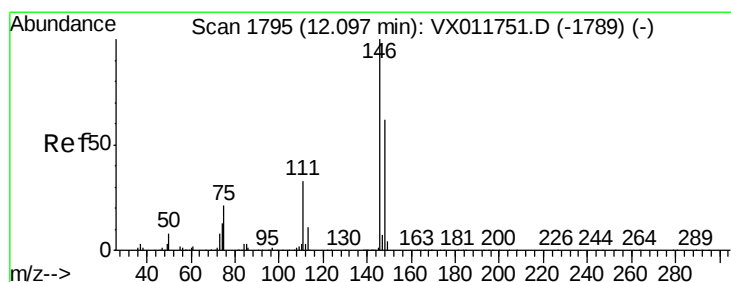
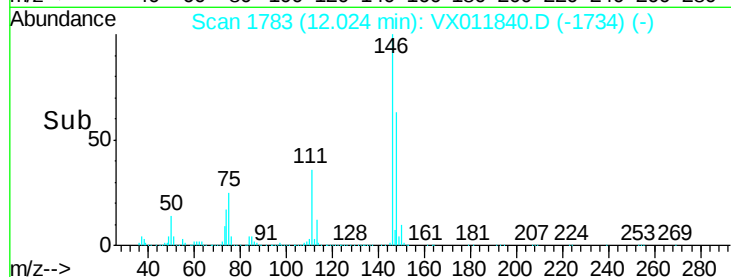
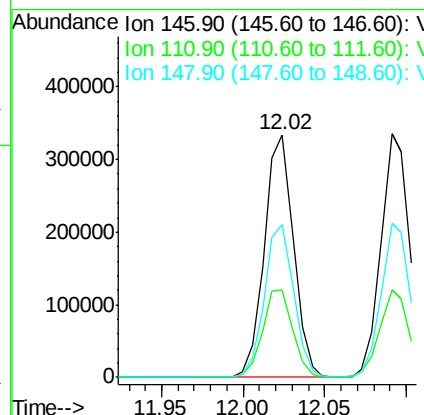
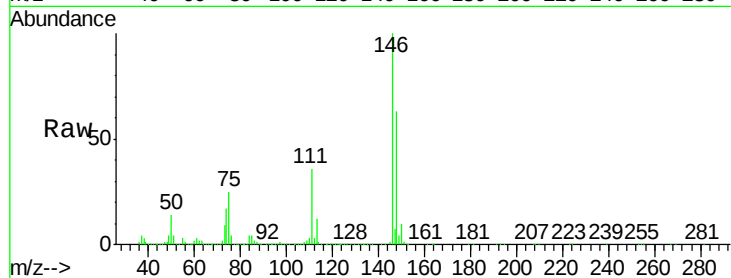
#87
 1,3-Dichlorobenzene
 Concen: 48.298 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.4
148	63.1	31.6	94.7

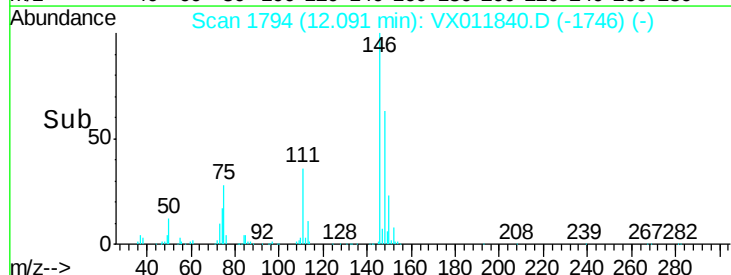
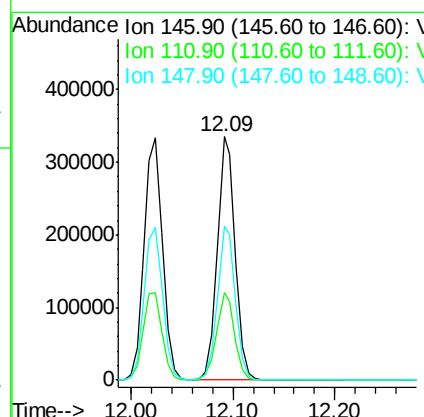
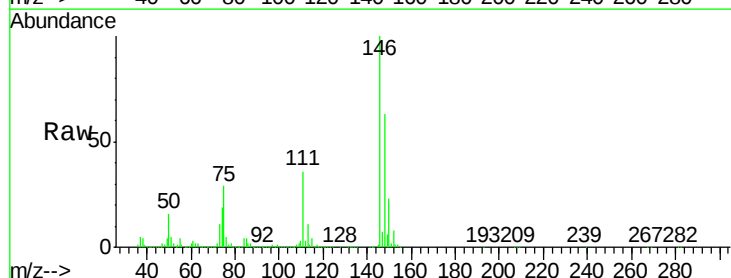
Manual Integrations
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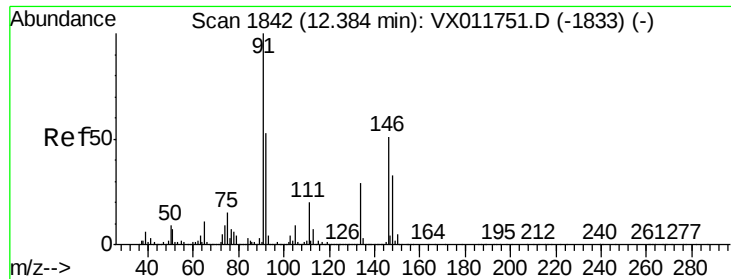
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#88
 1,4-Dichlorobenzene
 Concen: 47.758 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.8	53.4
148	64.0	31.9	95.7





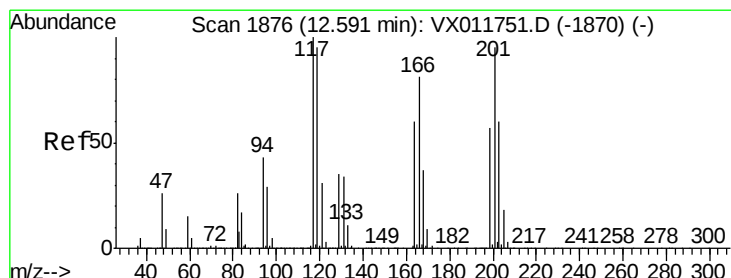
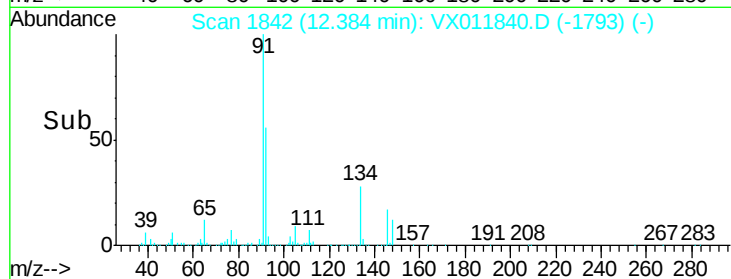
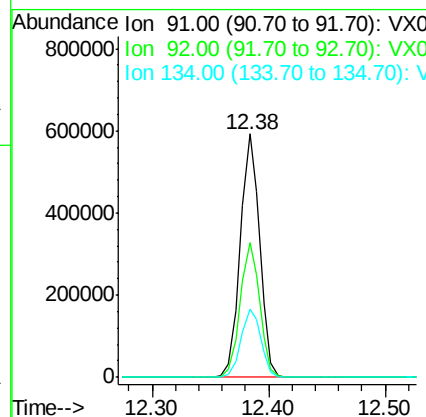
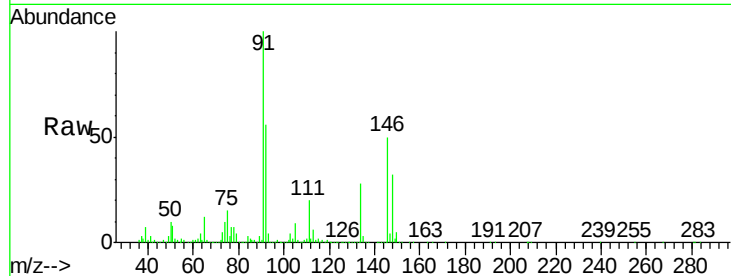
#89
n-Butylbenzene
Concen: 54.484 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	690167		
92	55.5	26.7	80.0	
134	28.6	14.6	43.8	

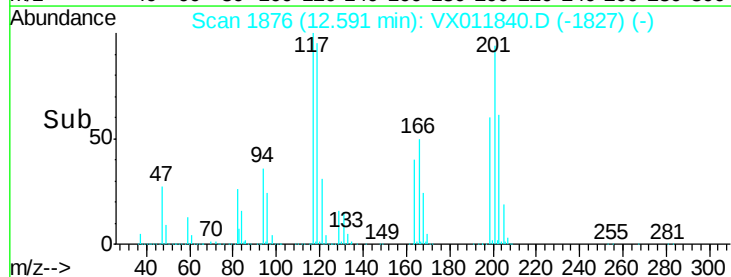
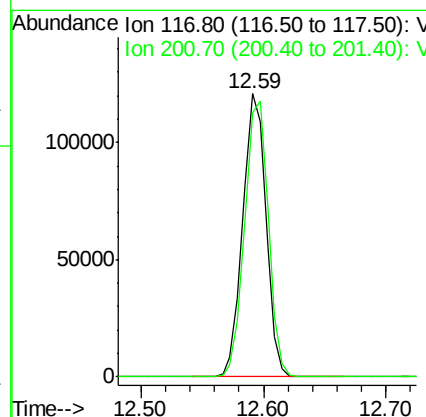
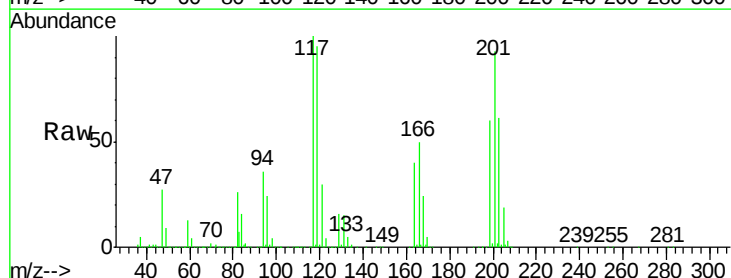
Manual Integrations
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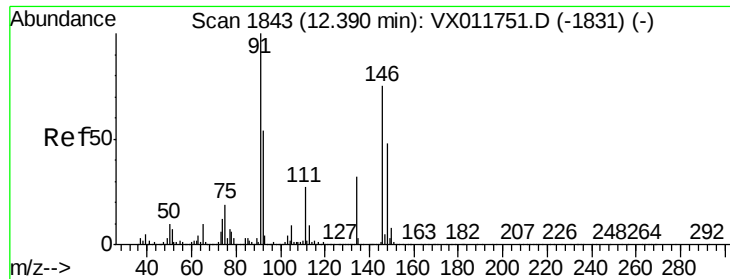
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#90
Hexachloroethane
Concen: 66.429 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	157920		
201	99.8	49.6	149.0	





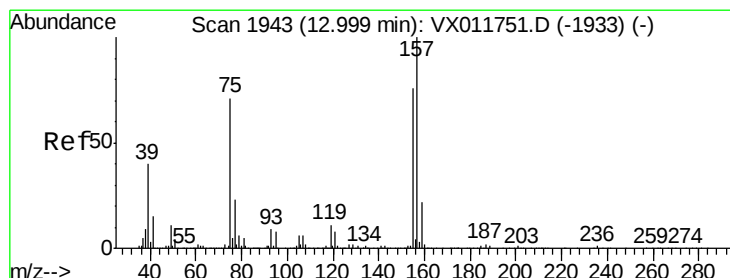
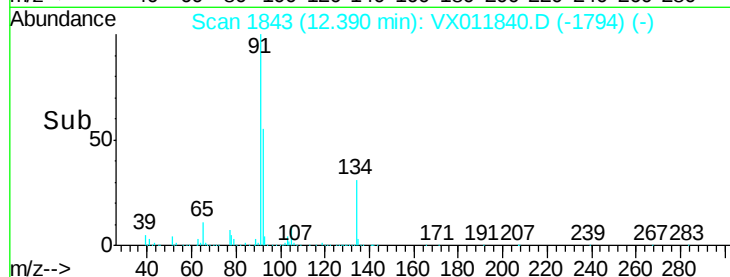
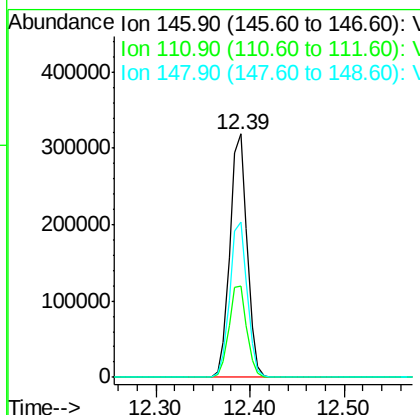
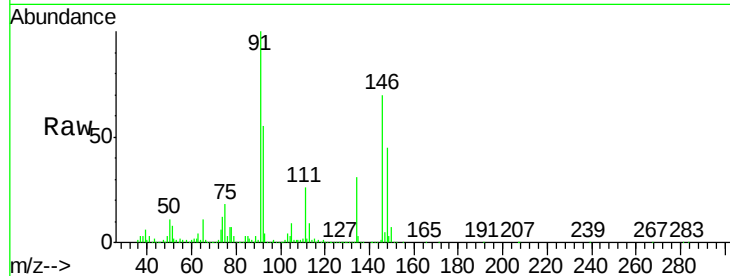
#91
 1,2-Dichlorobenzene
 Concen: 46.682 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.8	56.4
148	64.5	31.6	95.0

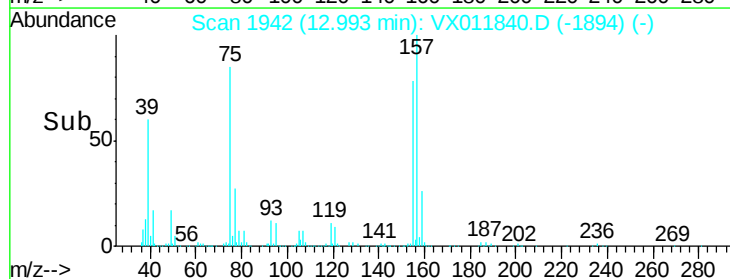
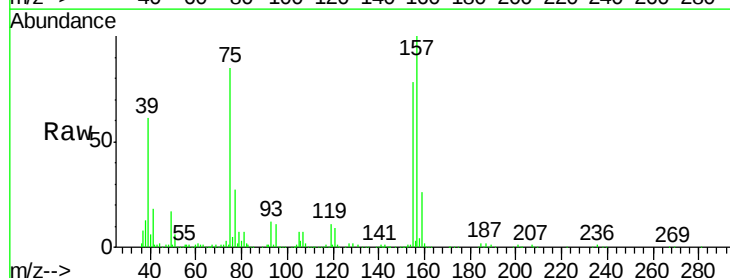
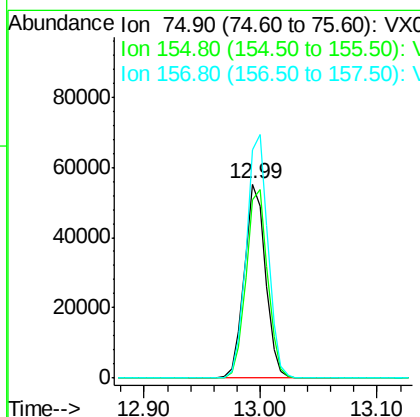
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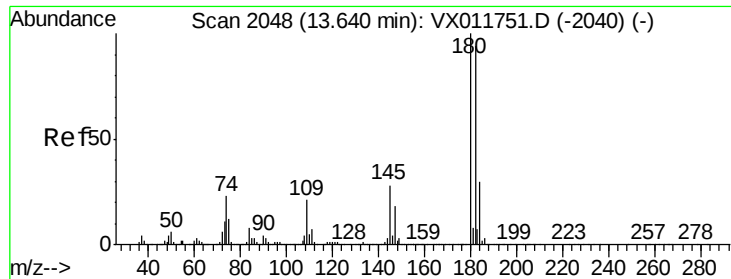
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.348 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	52.6	157.9
157	127.7	68.3	204.9





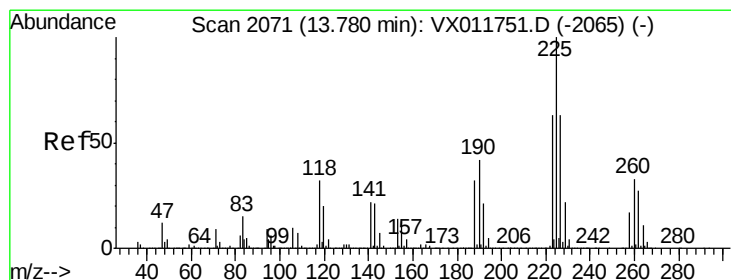
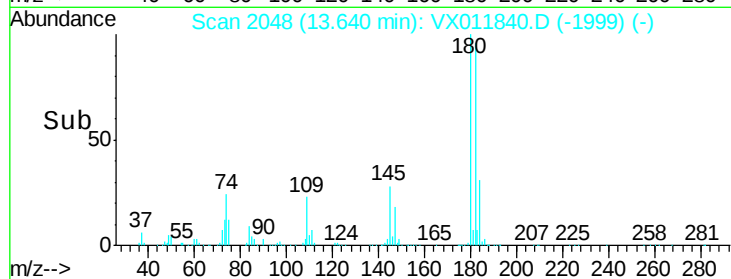
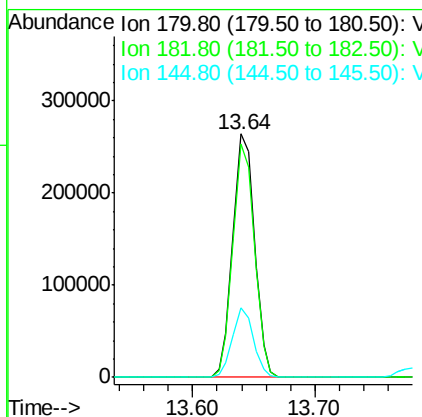
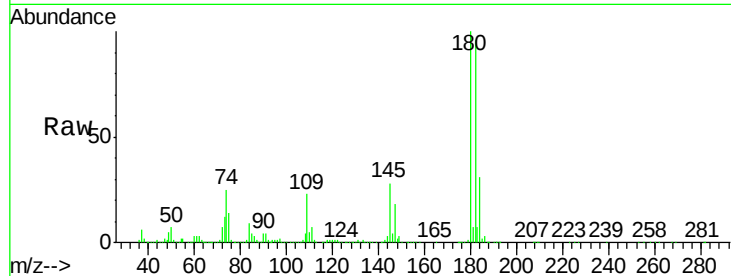
#93
 1,2,4-Trichlorobenzene
 Concen: 51.206 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	325740		
182	94.9	47.8	143.4	
145	27.5	14.1	42.3	

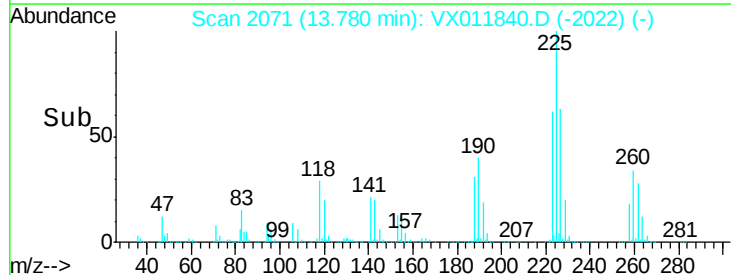
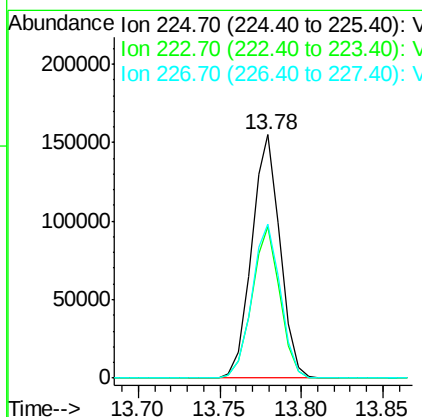
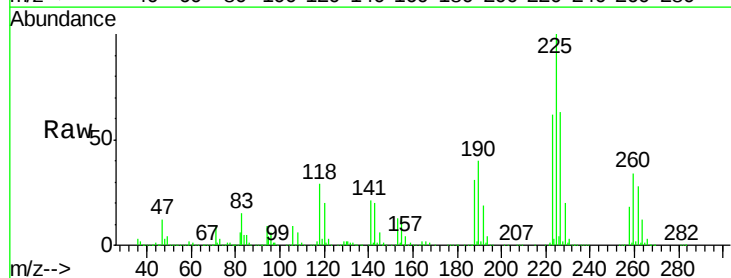
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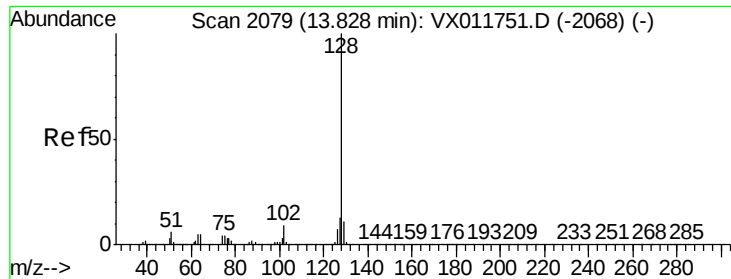
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#94
 Hexachlorobutadiene
 Concen: 53.634 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011840.D
 Acq: 27 Aug 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	186959		
223	61.3	31.0	93.0	
227	63.9	31.8	95.3	





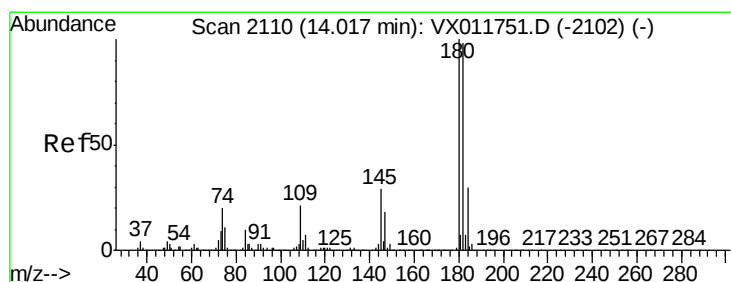
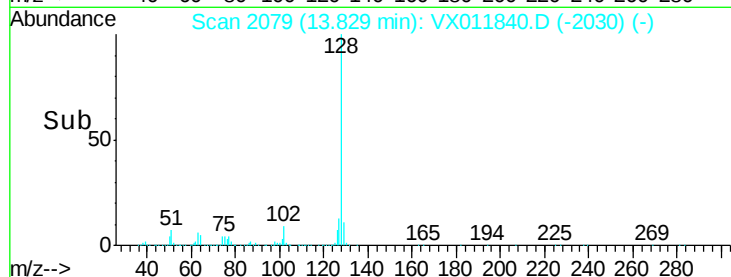
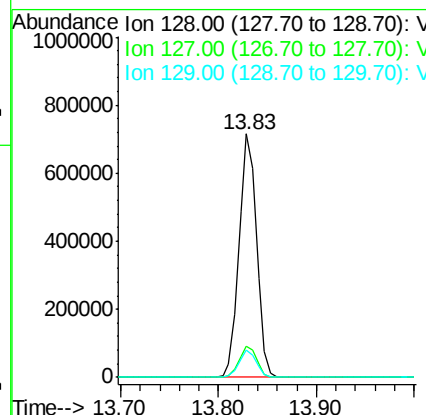
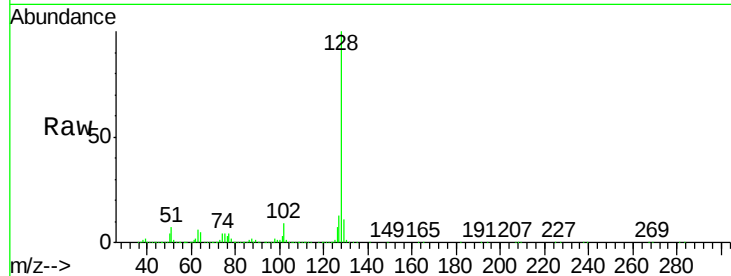
#95
Naphthalene
Concen: 50.909 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	891951
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.556 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011840.D
Acq: 27 Aug 2019 11:08

Tgt Ion:	180	Resp:	316537
Ion Ratio	Lower	Upper	
180	100		
182	97.2	48.5	145.5
145	30.1	14.6	43.8

