

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012041.D
 Acq On : 04 Sep 2019 10:04
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 9/5/2019 2:55:39 PM

Quant Time: Sep 04 13:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	159478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108181	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.48	113	87277	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	337722	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.14	95	143909	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80028	54.417	ug/l	98
3) Chloromethane	1.31	50	79219	52.597	ug/l	99
4) Vinyl Chloride	1.39	62	76880	54.255	ug/l	96
5) Bromomethane	1.62	94	37474	53.310	ug/l	100
6) Chloroethane	1.71	64	46902	53.243	ug/l	99
7) Trichlorofluoromethane	1.92	101	126629	57.535	ug/l	99
8) Diethyl Ether	2.17	74	38908	51.156	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91878	56.361	ug/l #	83
10) Methyl Iodide	2.50	142	76858	47.048	ug/l	94
11) Tert butyl alcohol	3.03	59	46818	221.512	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	85309	54.324	ug/l	92
13) Acrolein	2.28	56	22097	415.907	ug/l	99
14) Allyl chloride	2.72	41	152212	53.567	ug/l	99
15) Acrylonitrile	3.12	53	114323	239.203	ug/l	99
16) Acetone	2.43	43	130688	248.474	ug/l	99
17) Carbon Disulfide	2.56	76	263160	57.341	ug/l	99
18) Methyl Acetate	2.76	43	56166	45.331	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	256384	50.149	ug/l	99
20) Methylene Chloride	2.84	84	97974	46.388	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	98455	53.427	ug/l	94
22) Diisopropyl ether	3.84	45	296888	51.260	ug/l	99
23) Vinyl Acetate	3.80	43	970447	259.019	ug/l	97
24) 1,1-Dichloroethane	3.68	63	173933	51.780	ug/l	98
25) 2-Butanone	4.65	43	167489	250.167	ug/l	100
26) 2,2-Dichloropropane	4.57	77	165084	53.231	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	110765	51.277	ug/l	91
28) Bromochloromethane	5.00	49	64994	48.472	ug/l #	80
29) Tetrahydrofuran	5.11	42	96884	240.181	ug/l	99
30) Chloroform	5.19	83	183616	50.943	ug/l	98
31) Cyclohexane	5.56	56	148653	55.102	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	170469	54.304	ug/l	98
36) 1,1-Dichloropropene	5.79	75	138613	55.586	ug/l	96
37) Ethyl Acetate	4.81	43	69161	51.003	ug/l	99
38) Carbon Tetrachloride	5.77	117	149574	56.923	ug/l	98

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Quant Time: Sep 04 13:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	162179	56.036	ug/l	94
40) Benzene	6.13	78	387661	54.151	ug/l	98
41) Methacrylonitrile	5.02	41	41471	51.283	ug/l	98
42) 1,2-Dichloroethane	6.18	62	137823	53.498	ug/l	97
43) Isopropyl Acetate	6.43	43	141891	51.461	ug/l	99
44) Trichloroethene	7.20	130	105353	54.562	ug/l	84
45) 1,2-Dichloropropane	7.50	63	96671	52.266	ug/l	98
46) Dibromomethane	7.65	93	56440	52.273	ug/l #	75
47) Bromodichloromethane	7.89	83	145677	53.080	ug/l #	98
48) Methyl methacrylate	7.76	41	71257	51.398	ug/l	98
49) 1,4-Dioxane	7.73	88	17162	908.079	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	353617	252.142	ug/l	99
52) Toluene	8.78	92	248403	53.330	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	147374	51.868	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	168261	53.253	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	78386	50.780	ug/l	98
56) Ethyl methacrylate	9.17	69	113244	51.217	ug/l	96
57) 1,3-Dichloropropane	9.37	76	138499	51.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207750	208.410	ug/l	93
59) 2-Hexanone	9.48	43	259138	253.229	ug/l	99
60) Dibromochloromethane	9.57	129	95705	52.022	ug/l	98
61) 1,2-Dibromoethane	9.67	107	77074	51.672	ug/l	97
64) Tetrachloroethene	9.33	164	88058	55.497	ug/l #	87
65) Chlorobenzene	10.14	112	263450	52.463	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	98883	53.853	ug/l	97
67) Ethyl Benzene	10.25	91	494531	54.026	ug/l	95
68) m/p-Xylenes	10.35	106	362623	107.523	ug/l	91
69) o-Xylene	10.70	106	173087	52.927	ug/l	90
70) Styrene	10.71	104	301519	53.082	ug/l	95
71) Bromoform	10.85	173	52900	52.453	ug/l #	98
73) Isopropylbenzene	11.01	105	481935	54.274	ug/l	97
74) N-amyl acetate	10.89	43	137151	52.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	94273	50.926	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	85666m	57.933	ug/l	
77) Bromobenzene	11.25	156	105351	53.048	ug/l #	68
78) n-propylbenzene	11.35	91	588964	54.902	ug/l	94
79) 2-Chlorotoluene	11.42	91	348841	53.675	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	423218	54.387	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	31724	50.720	ug/l	97
82) 4-Chlorotoluene	11.51	91	414573	53.519	ug/l	91
83) tert-Butylbenzene	11.76	119	395028	53.261	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	424808	53.116	ug/l	95
85) sec-Butylbenzene	11.94	105	491764	53.382	ug/l	94
86) p-Isopropyltoluene	12.06	119	443209	52.902	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	211182	53.068	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	204931	51.503	ug/l	94
89) n-Butylbenzene	12.38	91	444389	54.604	ug/l	95
90) Hexachloroethane	12.59	117	87316	52.197	ug/l	55
91) 1,2-Dichlorobenzene	12.38	146	189654	52.917	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	19556	50.483	ug/l	66

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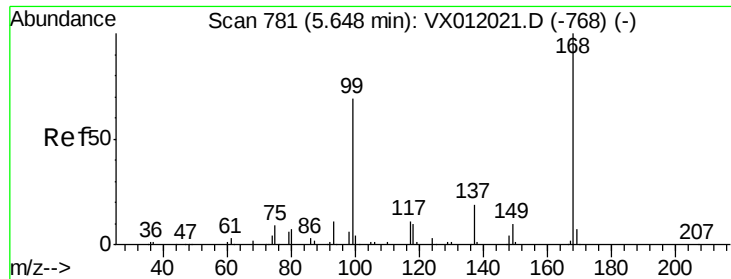
Manual Integrations
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Quant Time: Sep 04 13:23:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	133450	52.314	ug/l	97
94) Hexachlorobutadiene	13.77	225	67327	52.358	ug/l	99
95) Naphthalene	13.83	128	290615	52.638	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	118488	52.796	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 159478

Ion Ratio Lower Upper

168 100

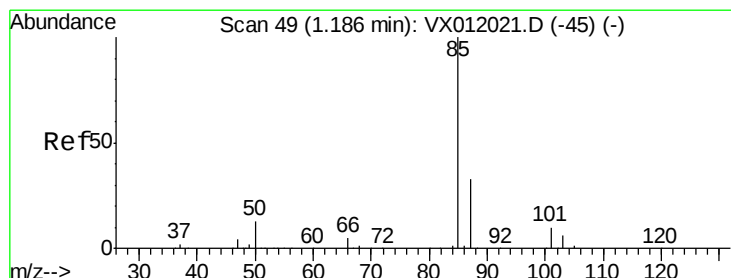
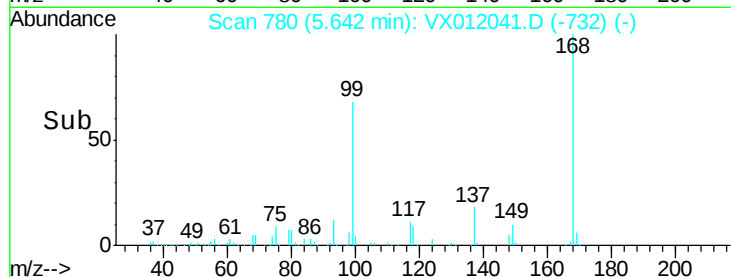
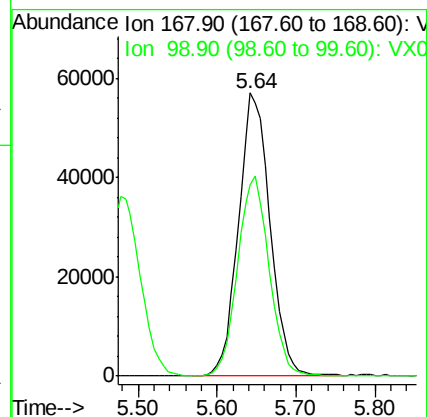
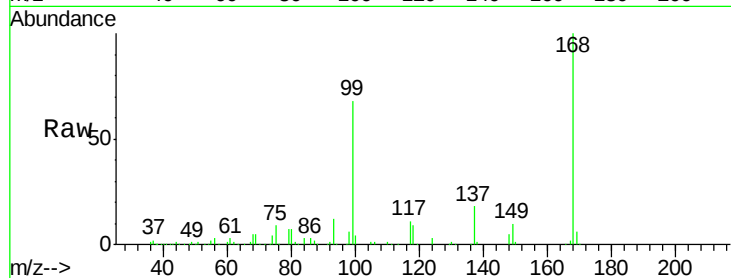
99 67.4 37.6 56.4#

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#2

Dichlorodifluoromethane

Concen: 54.417 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012041.D

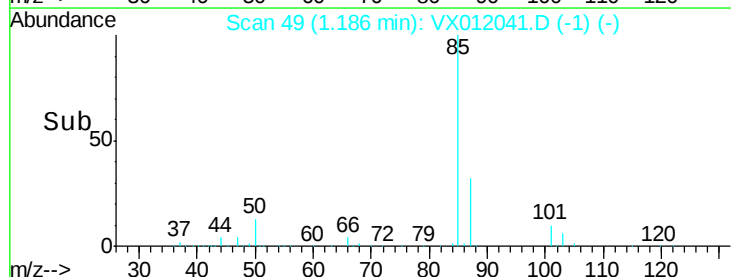
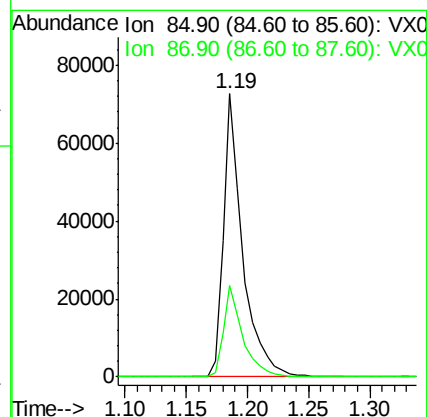
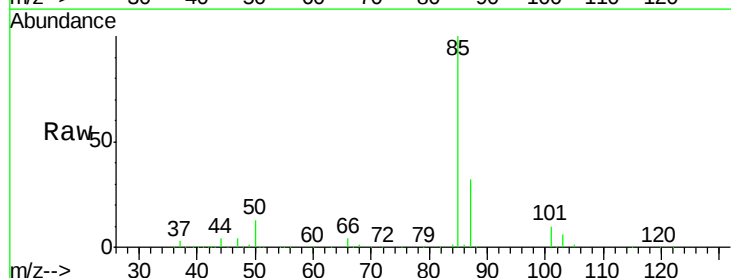
Acq: 04 Sep 2019 10:04

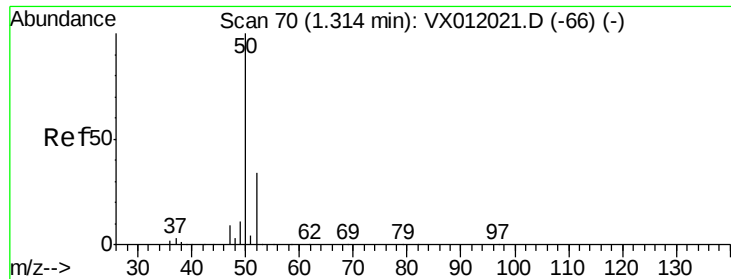
Tgt Ion: 85 Resp: 80028

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8





#3

Chloromethane

Concen: 52.597 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 79219

Ion Ratio Lower Upper

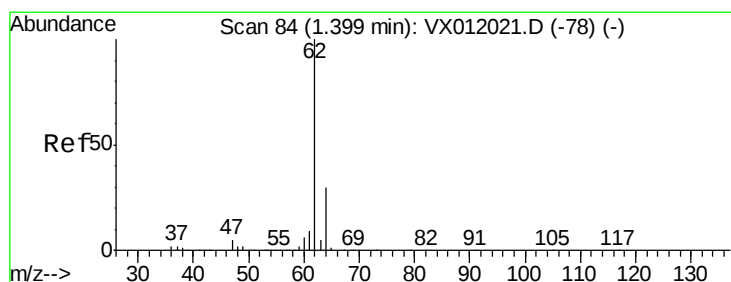
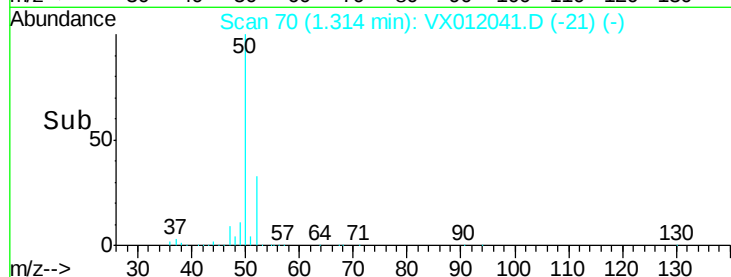
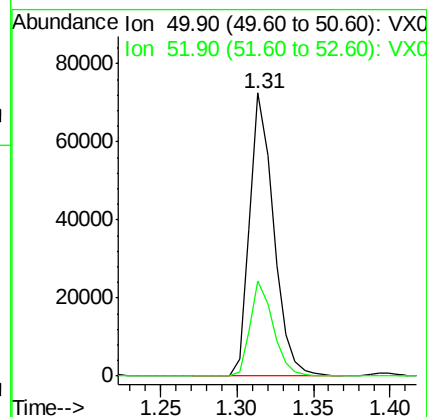
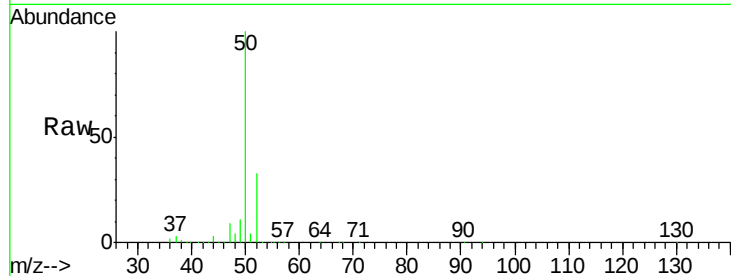
50 100

52 33.5 26.5 39.7

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#4

Vinyl Chloride

Concen: 54.255 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012041.D

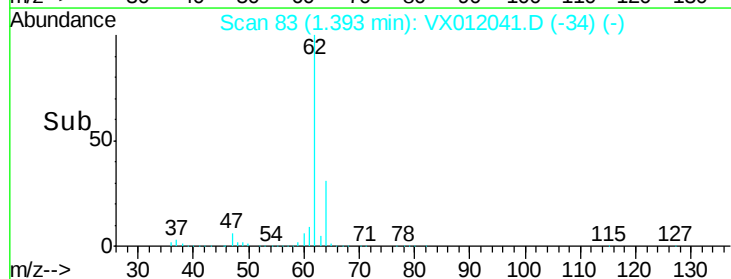
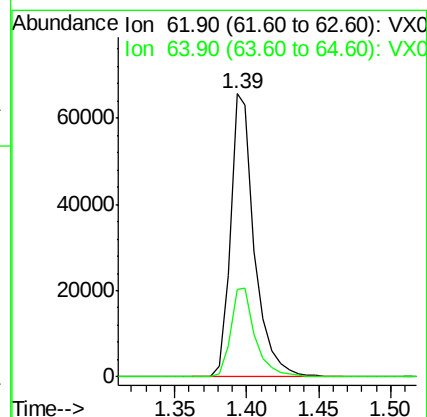
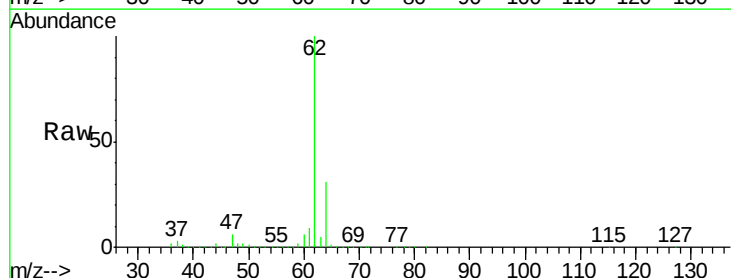
Acq: 04 Sep 2019 10:04

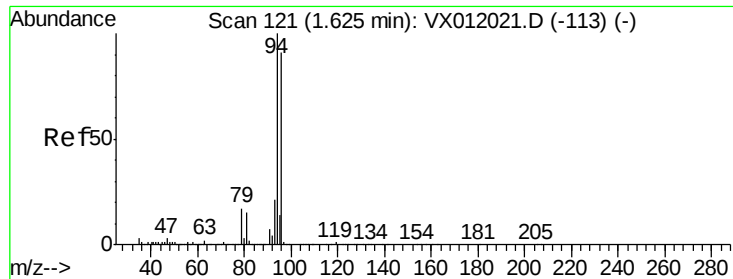
Tgt Ion: 62 Resp: 76880

Ion Ratio Lower Upper

62 100

64 30.7 26.2 39.4





#5

Bromomethane

Concen: 53.310 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 37474

Ion Ratio Lower Upper

94 100

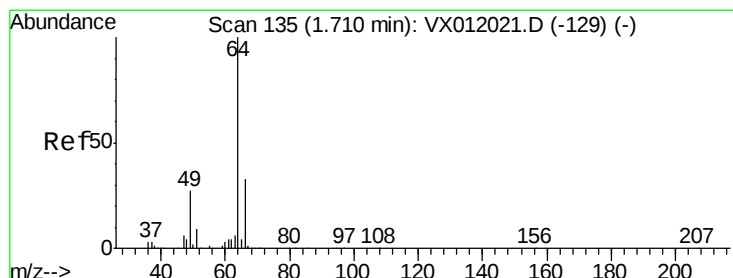
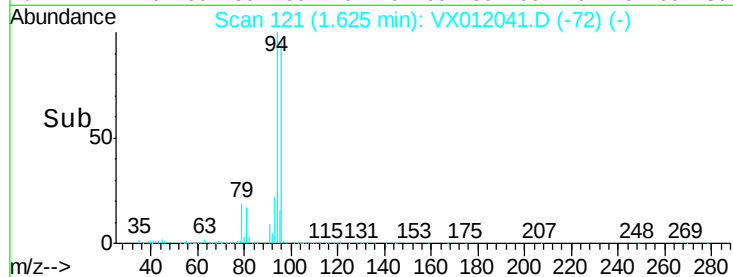
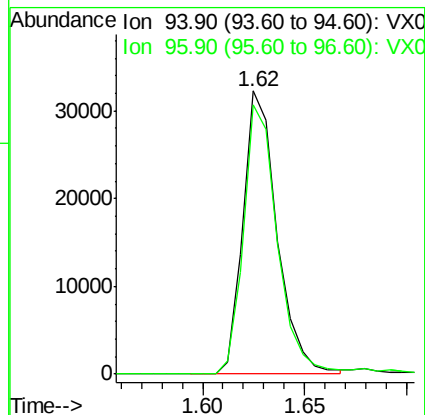
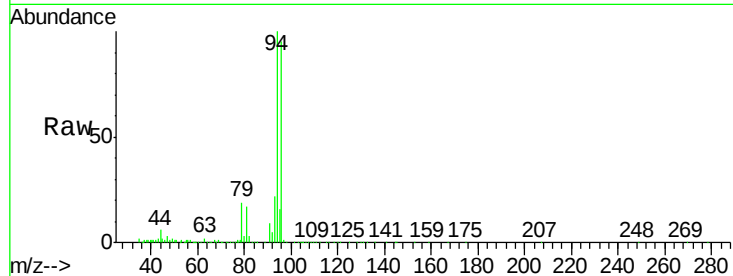
96 95.0 76.3 114.5

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#6

Chloroethane

Concen: 53.243 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012041.D

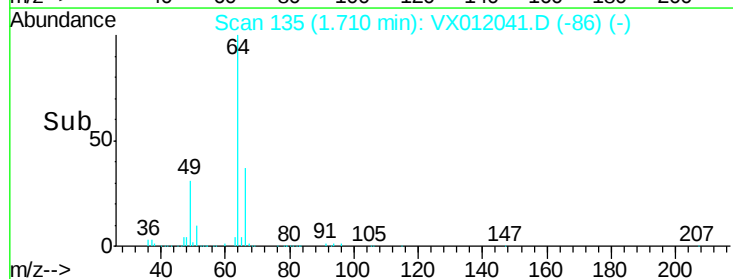
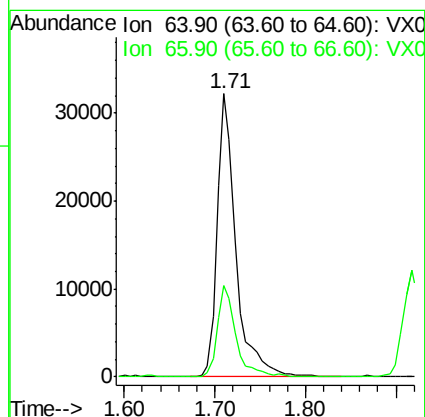
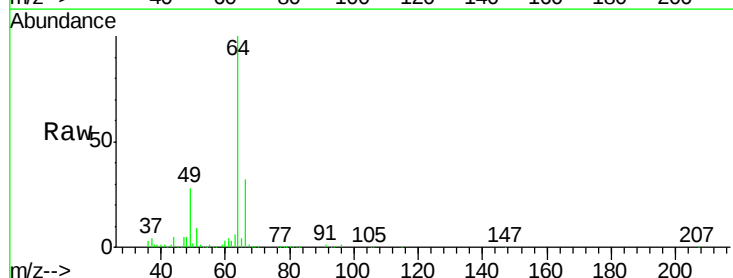
Acq: 04 Sep 2019 10:04

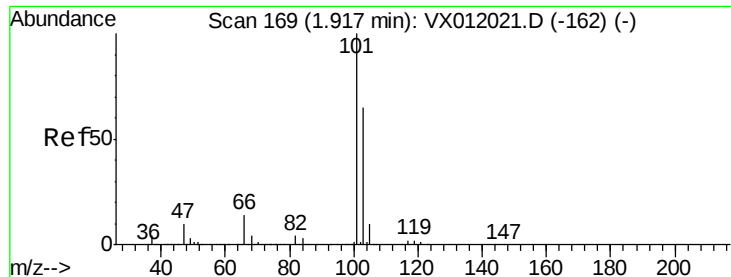
Tgt Ion: 64 Resp: 46902

Ion Ratio Lower Upper

64 100

66 32.2 26.3 39.5





#7

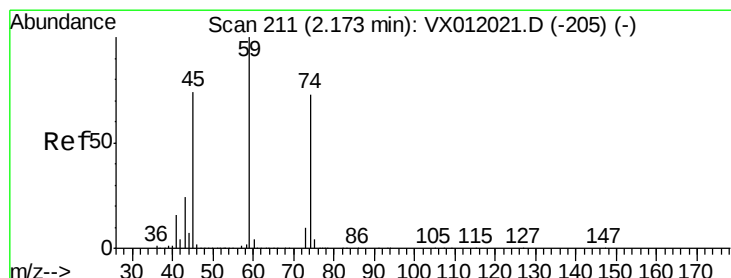
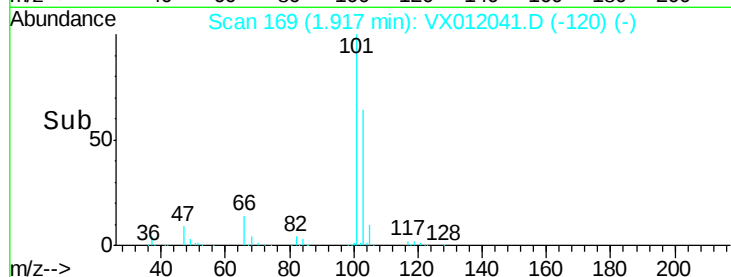
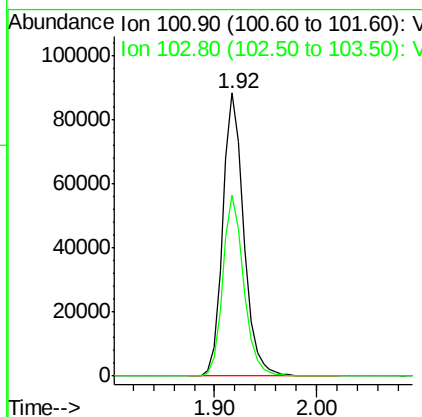
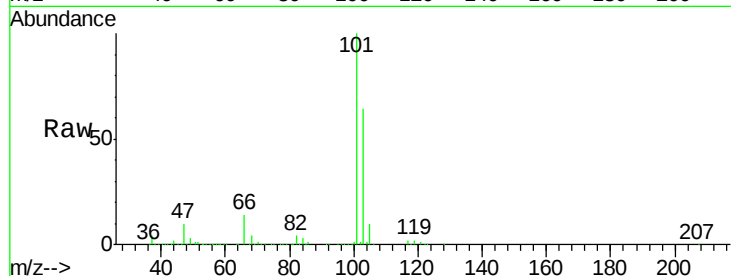
Trichlorofluoromethane
Concen: 57.535 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.6	77.4

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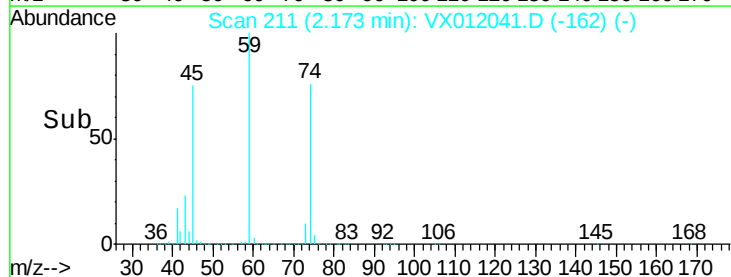
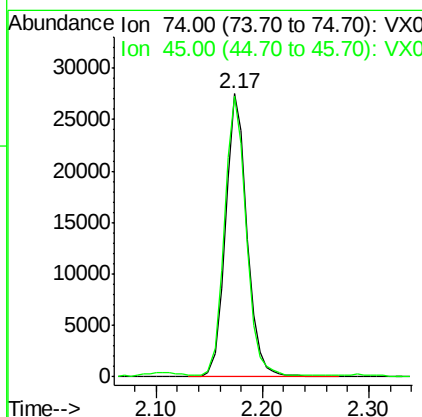
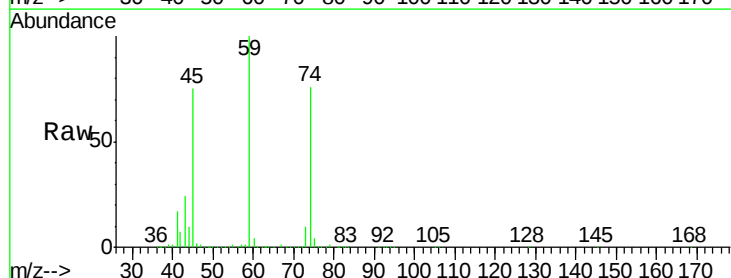
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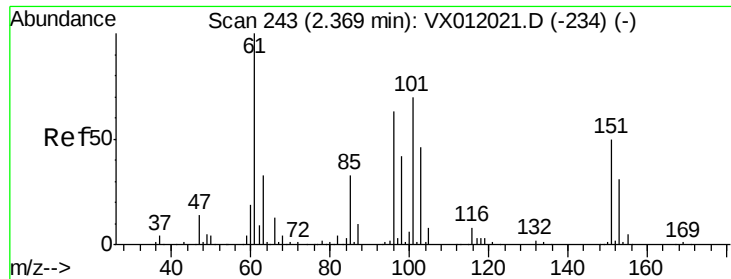


#8

Diethyl Ether
Concen: 51.156 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.361 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:101 Resp: 91878

Ion Ratio Lower Upper

101 100

85 45.7 34.5 51.7

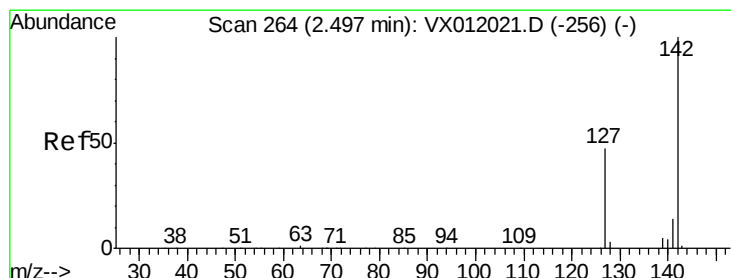
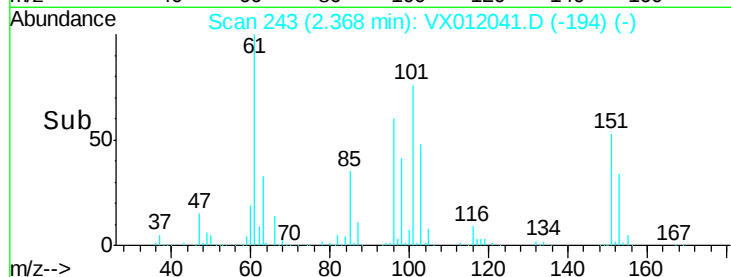
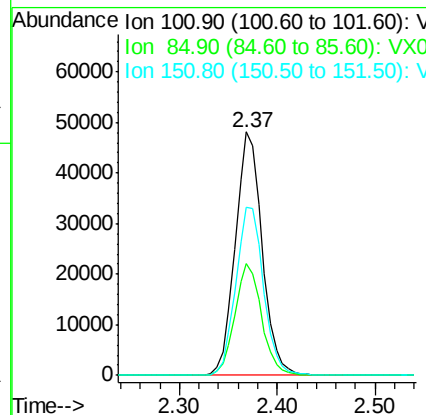
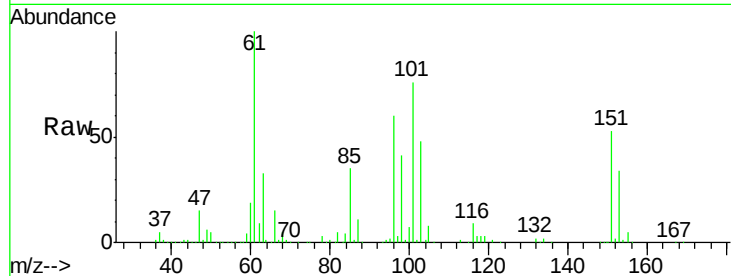
151 71.4 75.0 112.4#

Manual Integrations

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#10

Methyl Iodide

Concen: 47.048 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

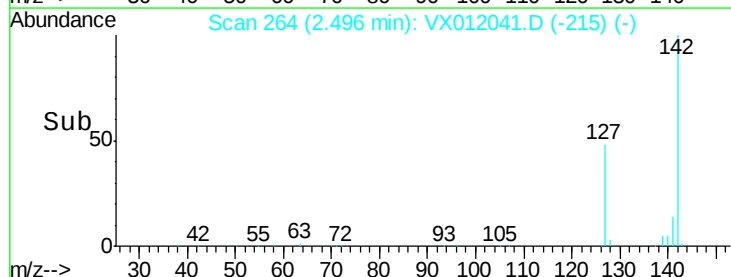
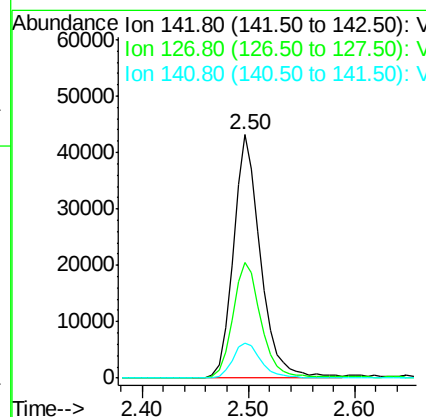
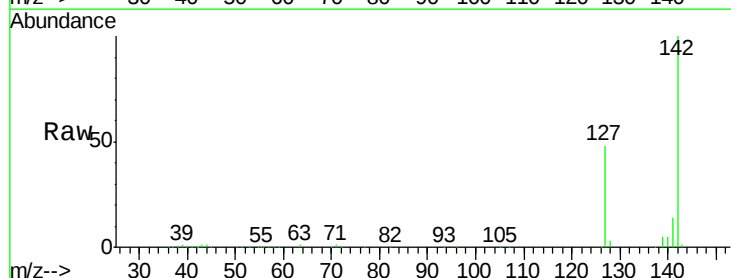
Tgt Ion:142 Resp: 76858

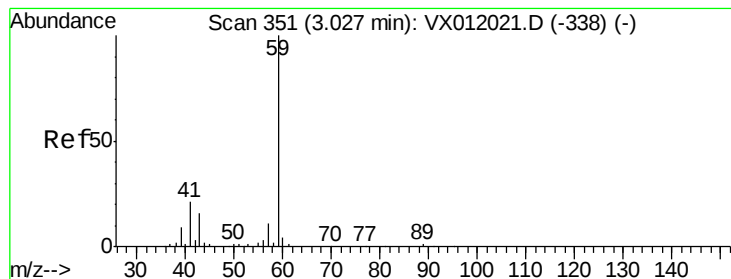
Ion Ratio Lower Upper

142 100

127 49.4 35.4 53.2

141 15.1 11.4 17.2





#11

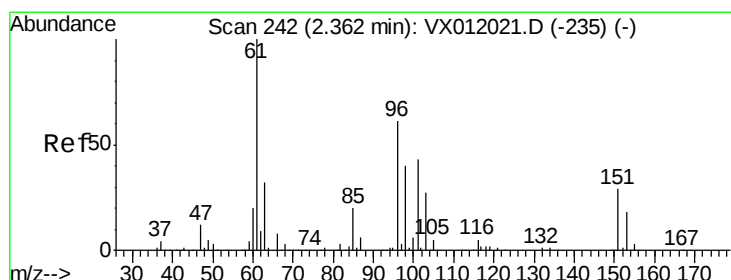
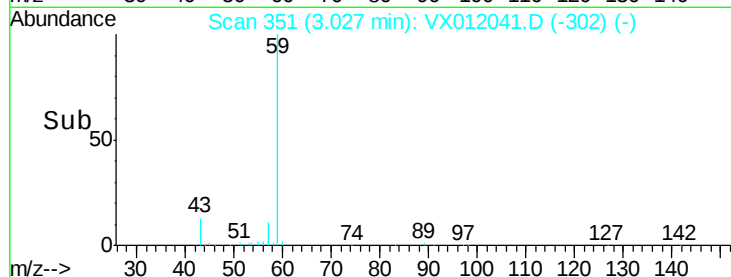
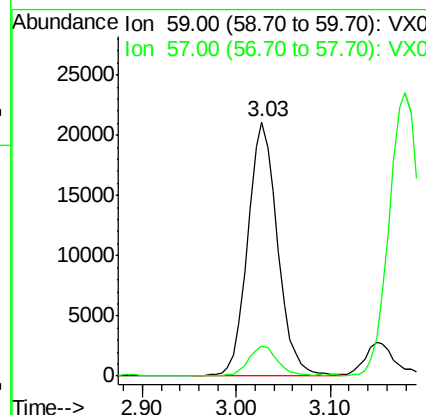
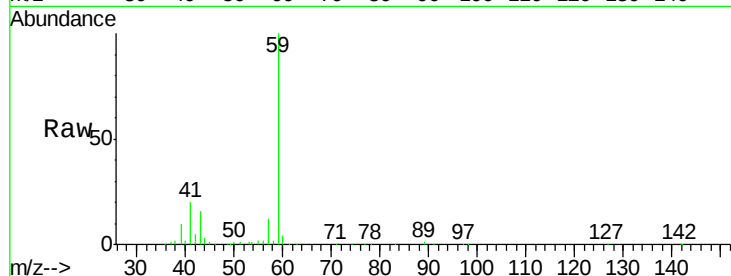
Tert butyl alcohol
Concen: 221.512 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	46818
Ion Ratio	100	Lower	Upper
57	12.4	7.9	11.9#

Manual Integrations
APPROVED

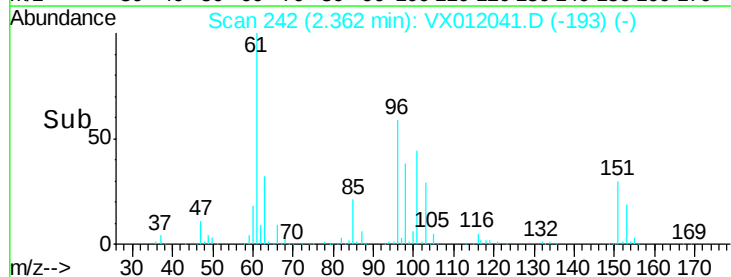
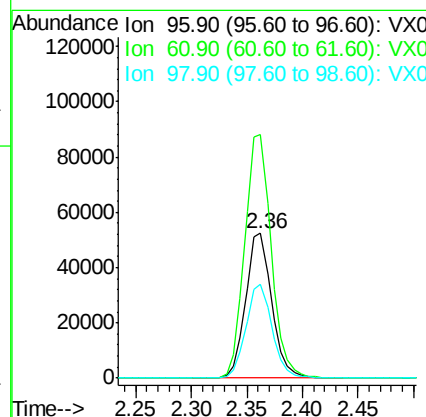
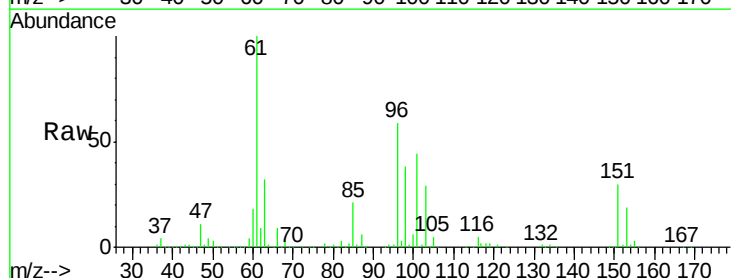
sam
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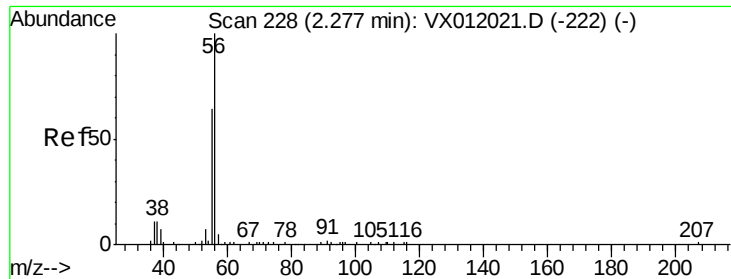


#12

1,1-Dichloroethene
Concen: 54.324 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	96	Resp	85309
Ion Ratio	100	Lower	Upper
61	168.5	124.1	186.1
98	64.6	50.2	75.2





#13

Acrolein

Concen: 415.907 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 22097

Ion Ratio Lower Upper

56 100

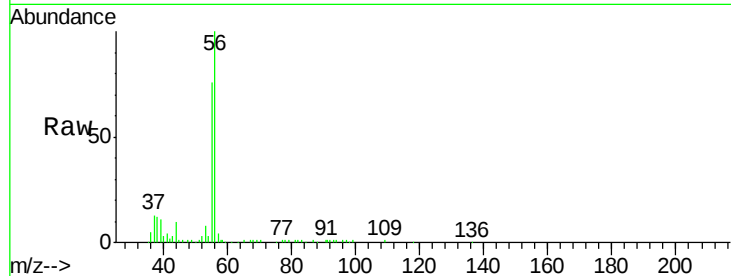
55 74.8 59.2 88.8

Manual Integrations

APPROVED

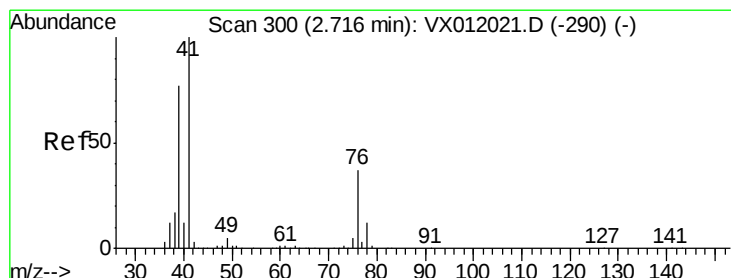
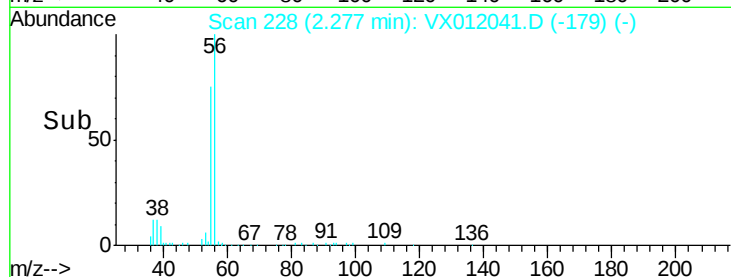
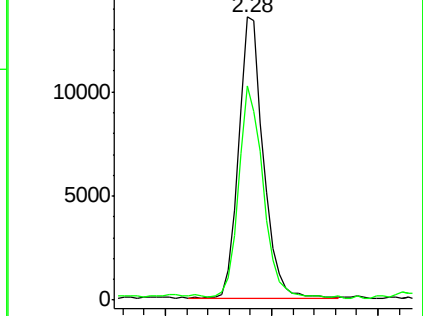
sam

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.567 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

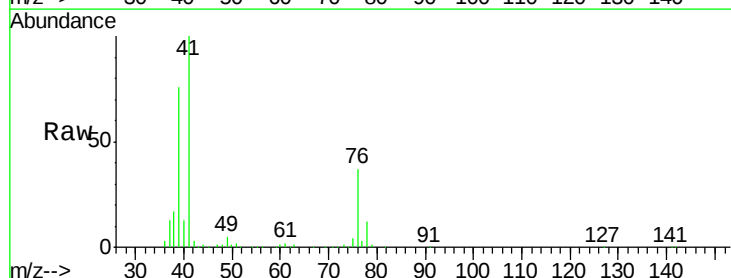
Tgt Ion: 41 Resp: 152212

Ion Ratio Lower Upper

41 100

39 74.2 57.9 86.9

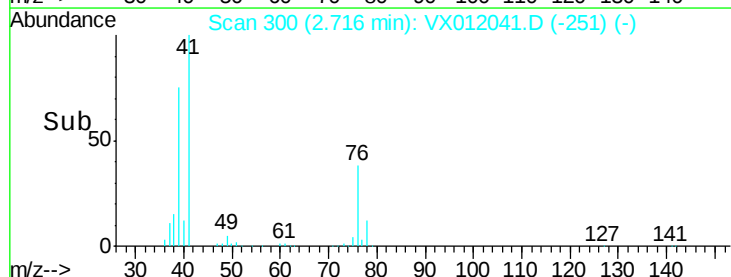
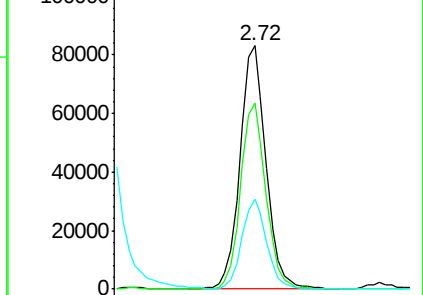
76 35.6 28.5 42.7

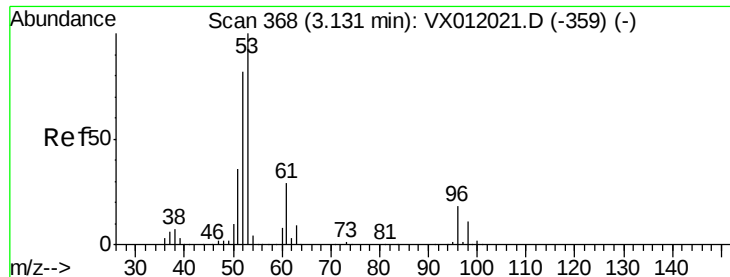


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 239.203 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

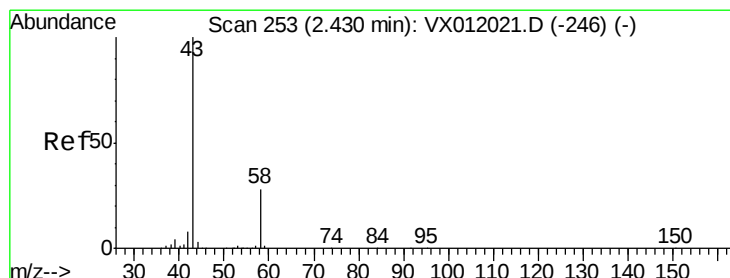
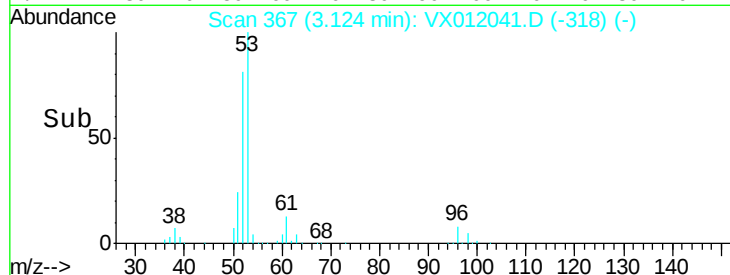
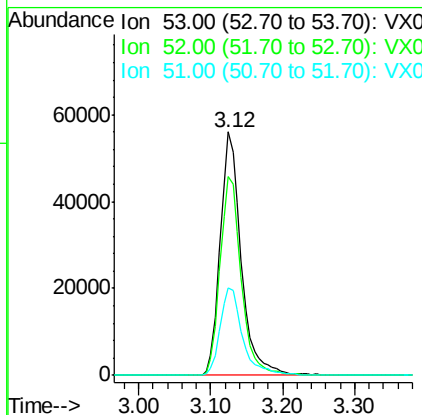
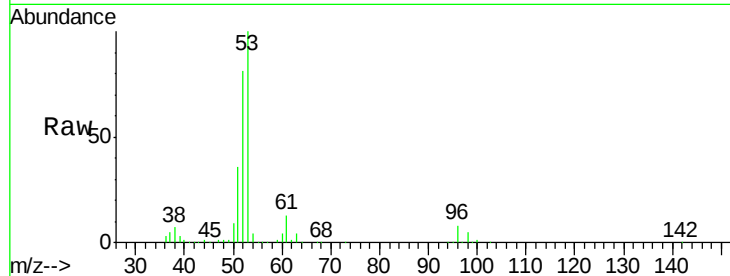
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	114323
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.6	98.4
51	38.5	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 248.474 ug/l

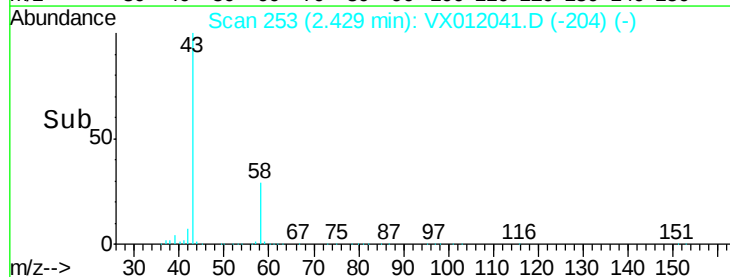
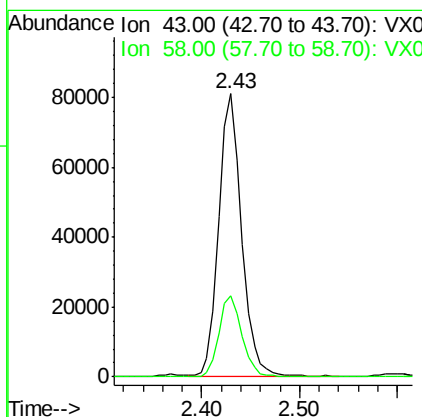
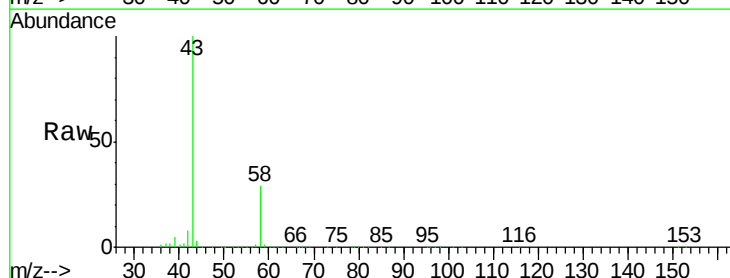
RT: 2.43 min Scan# 253

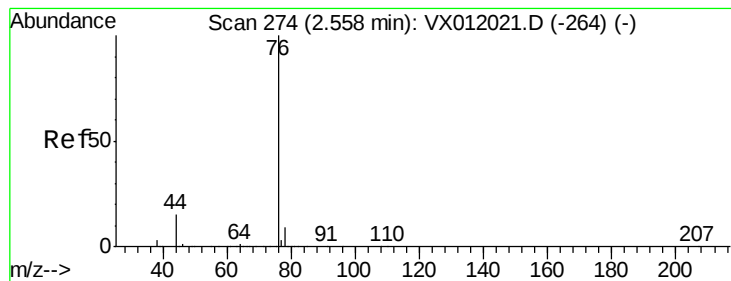
Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tgt Ion:	43	Resp:	130688
Ion Ratio	Lower	Upper	
43	100		
58	28.9	22.8	34.2





#17

Carbon Disulfide

Concen: 57.341 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 263160

Ion Ratio Lower Upper

76 100

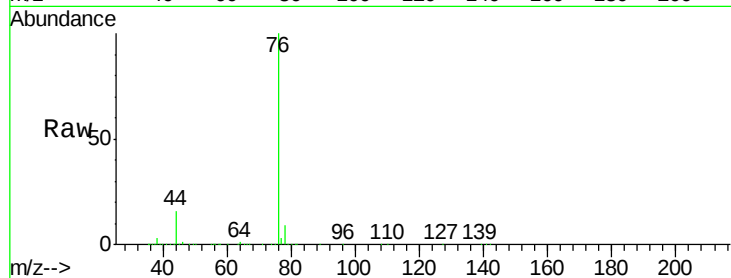
78 9.1 7.4 11.2

Manual Integrations

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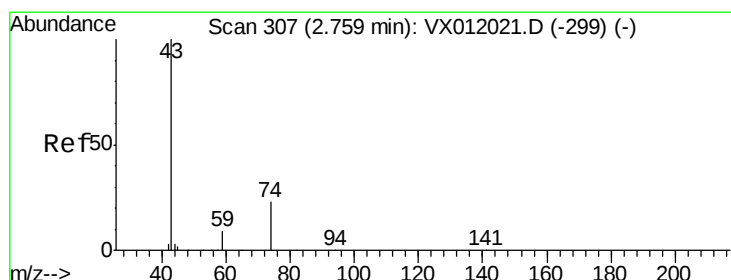
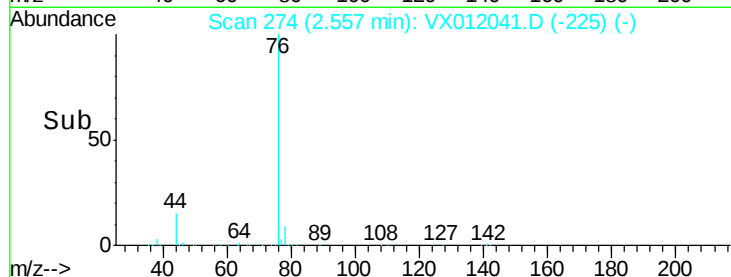
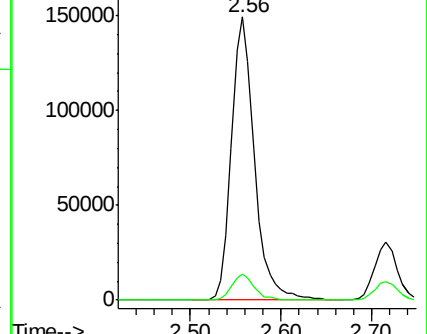
sam

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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: 45.331 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012041.D

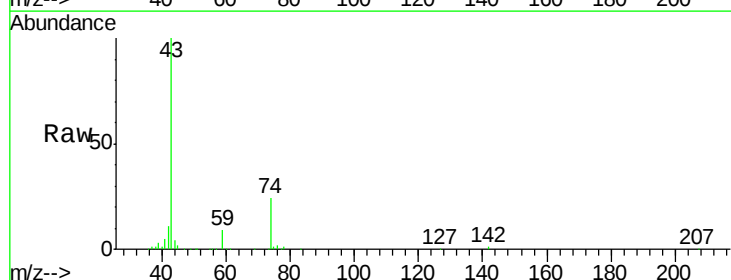
Acq: 04 Sep 2019 10:04

Tgt Ion: 43 Resp: 56166

Ion Ratio Lower Upper

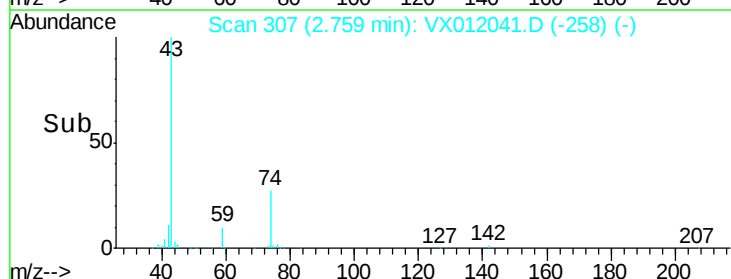
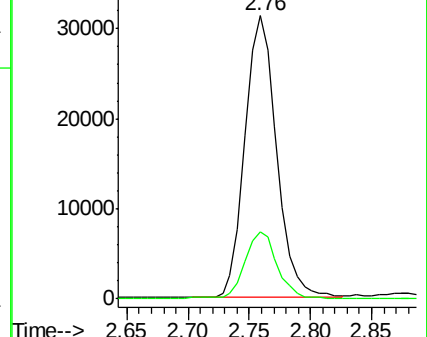
43 100

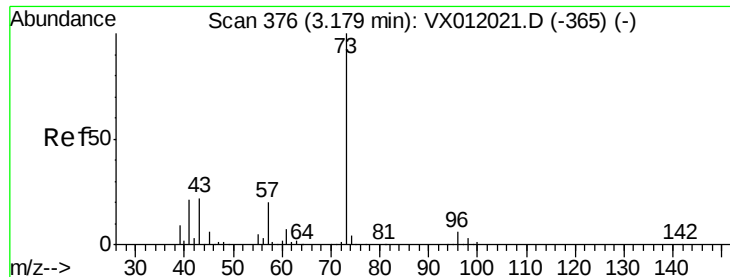
74 25.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





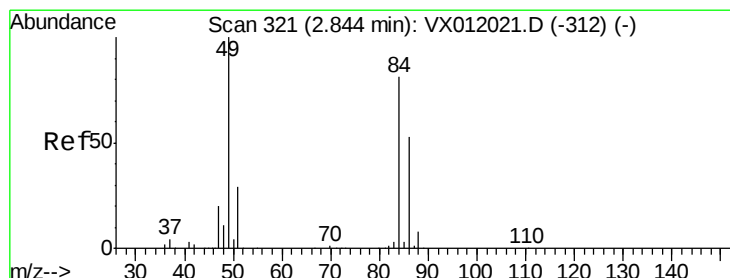
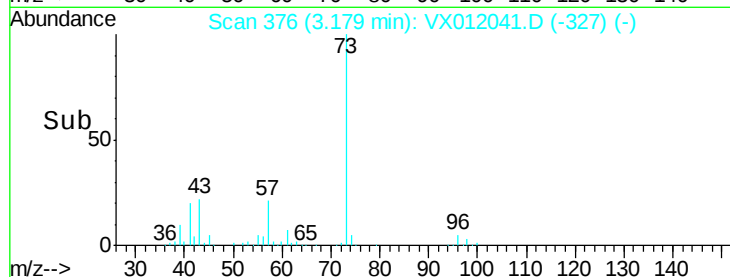
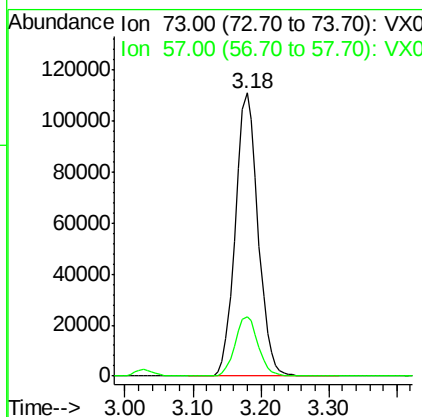
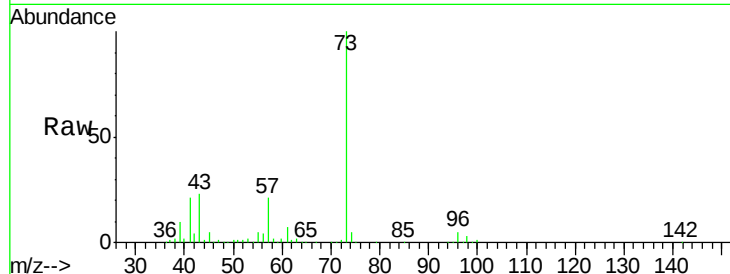
#19
Methyl tert-butyl Ether
Concen: 50.149 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 256384
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

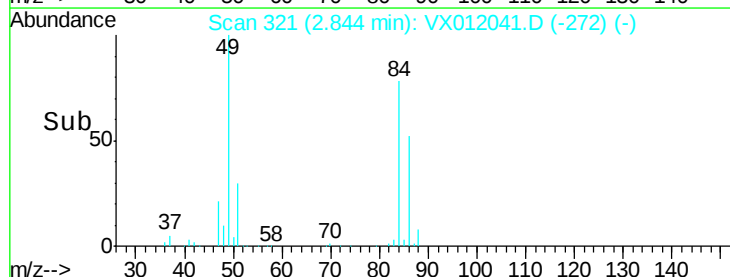
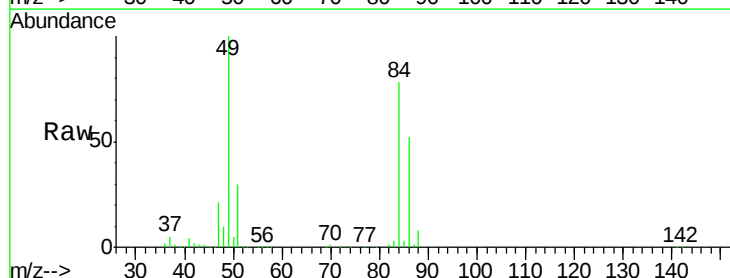
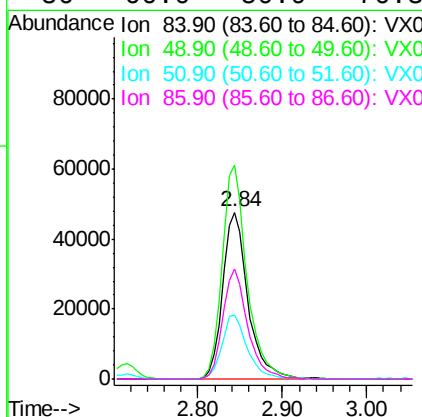
Manual Integrations
APPROVED

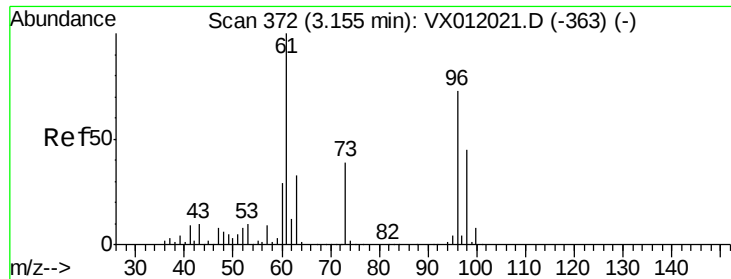
sam
9/5/2019 2:55:39 PM



#20
Methylene Chloride
Concen: 46.388 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion: 84 Resp: 97974
Ion Ratio Lower Upper
84 100
49 128.0 95.8 143.8
51 38.7 28.6 43.0
86 66.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 53.427 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

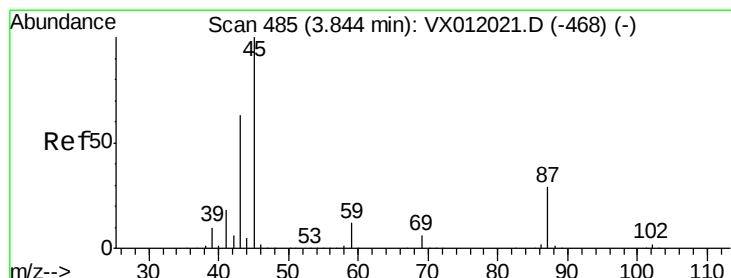
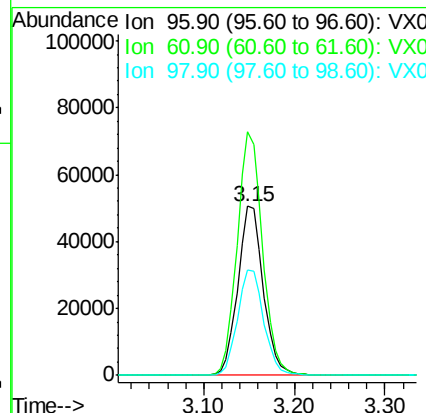
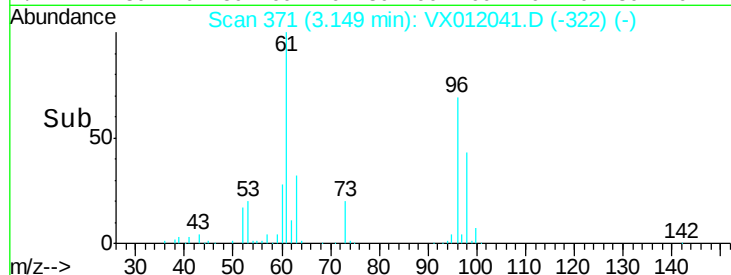
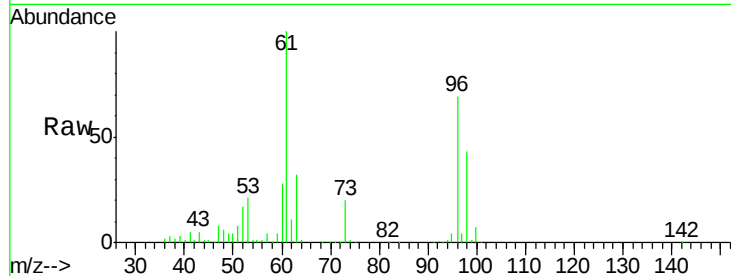
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	98455
Ion	Ratio	Lower	Upper
96	100		
61	143.9	107.0	160.6
98	62.4	49.8	74.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.260 ug/l

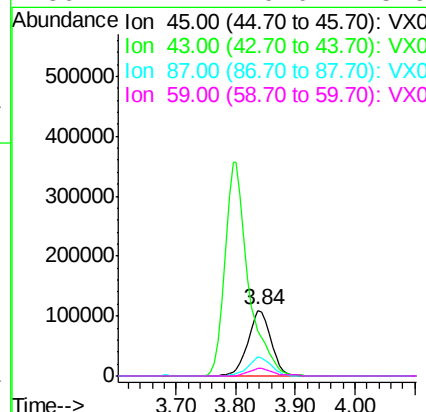
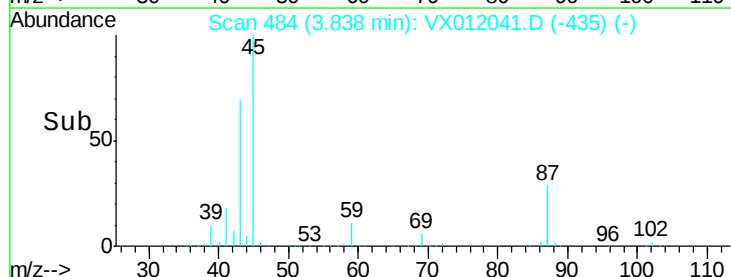
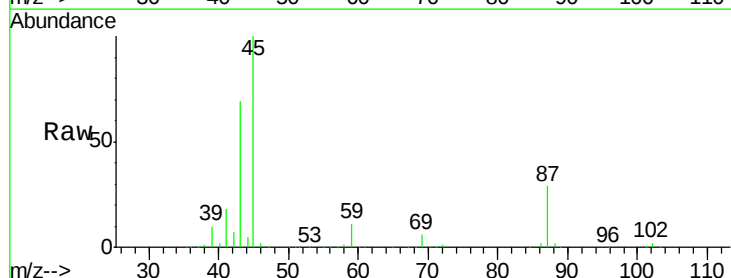
RT: 3.84 min Scan# 484

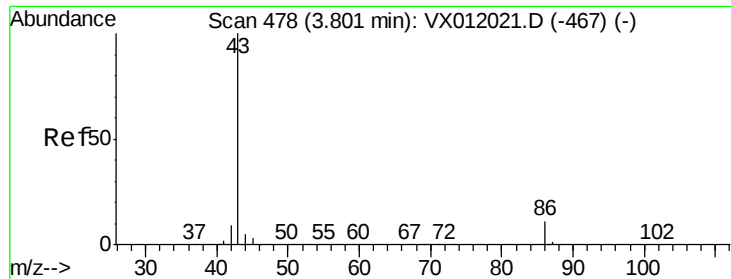
Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tgt Ion:	45	Resp:	296888
Ion	Ratio	Lower	Upper
45	100		
43	69.0	54.2	81.4
87	28.4	23.4	35.0
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 259.019 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 970447

Ion Ratio Lower Upper

43 100

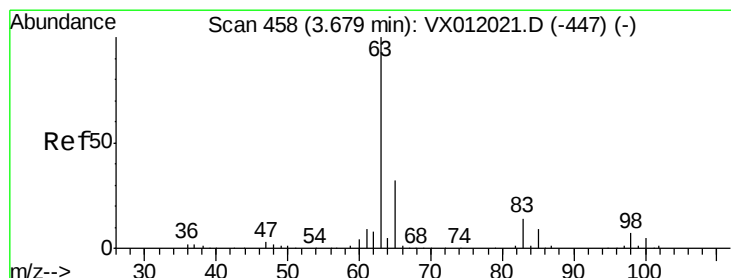
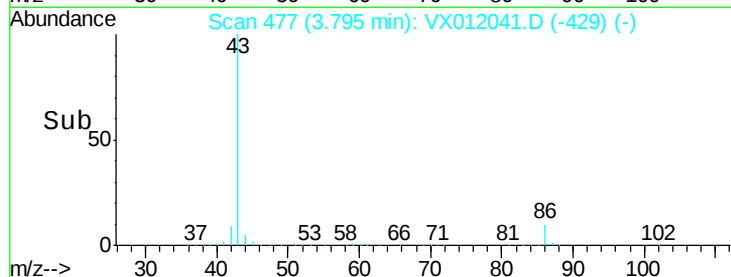
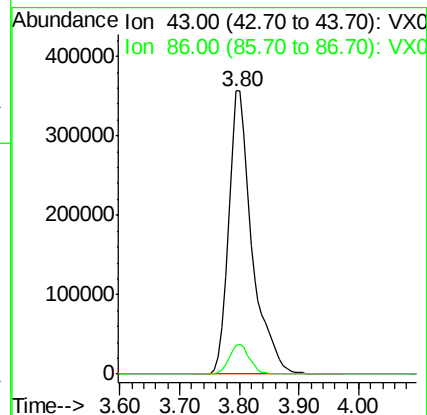
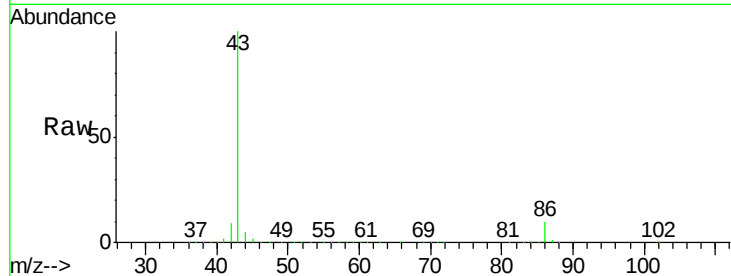
86 10.1 9.0 13.6

Manual Integrations

APPROVED

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#24

1,1-Dichloroethane

Concen: 51.780 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

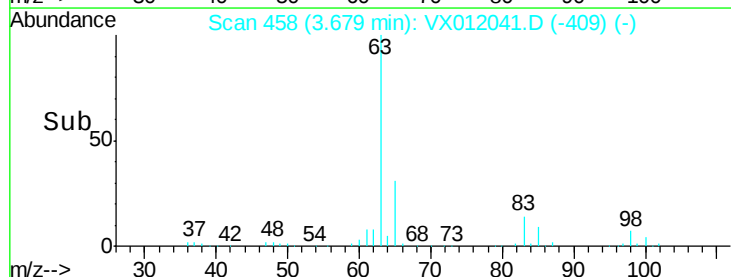
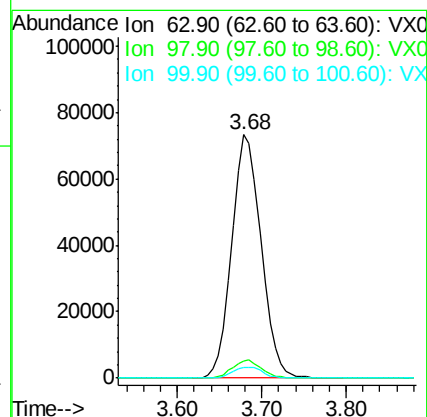
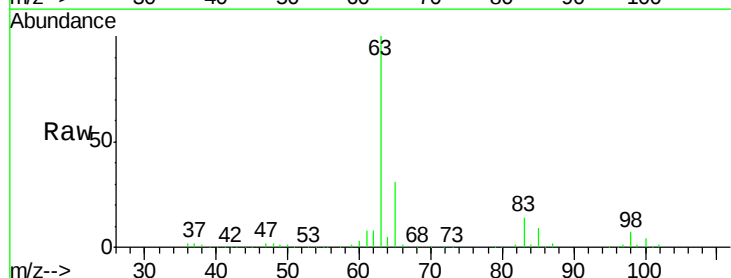
Tgt Ion: 63 Resp: 173933

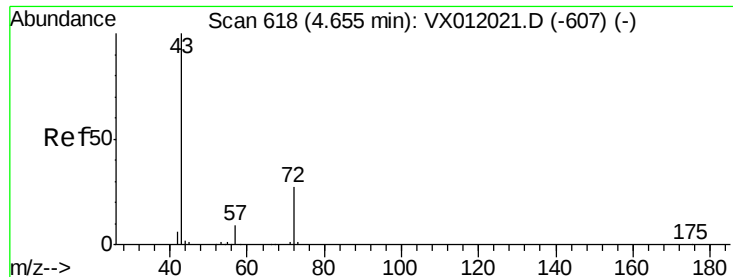
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 250.167 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tot Ion: 43 Resp: 167489

Ion Ratio Lower Upper

43 100

72 26.4 21.3 31.9

Instrument :

MSVOA_X

ClientSampleId :

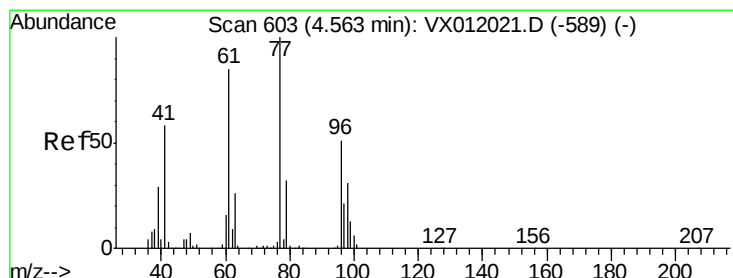
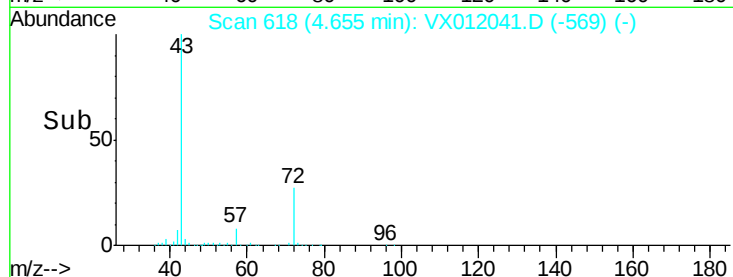
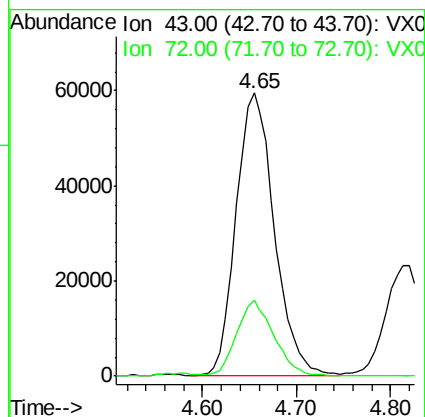
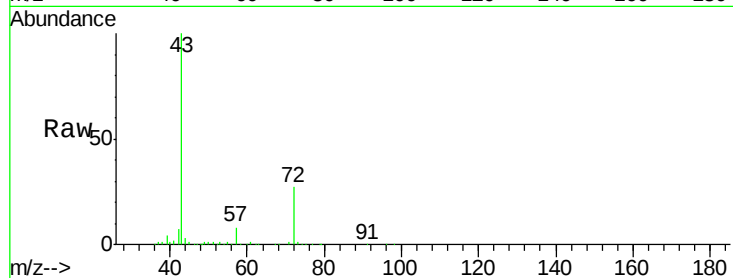
VSTDCCC050

Manual Integrations

APPROVED

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#26

2,2-Dichloropropane

Concen: 53.231 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012041.D

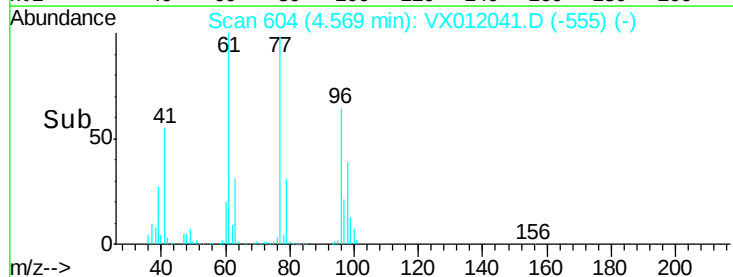
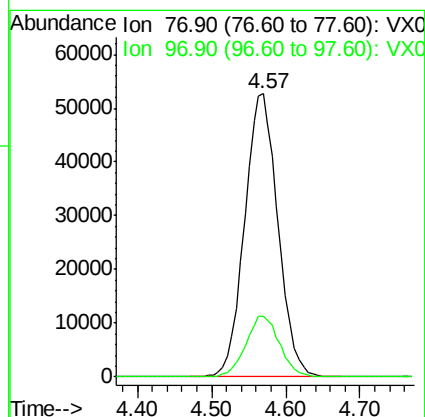
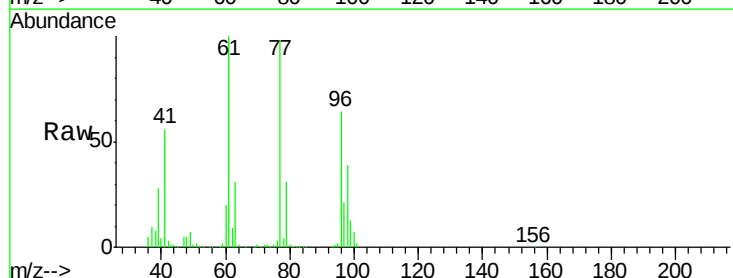
Acq: 04 Sep 2019 10:04

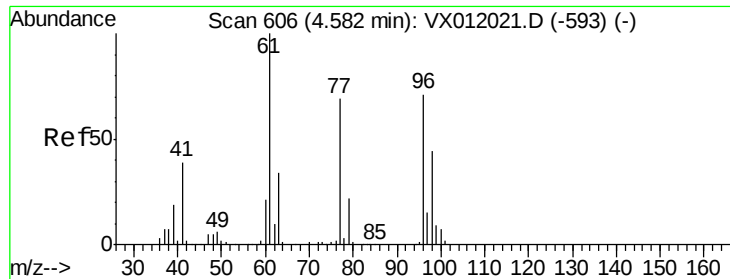
Tgt Ion: 77 Resp: 165084

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5





#27

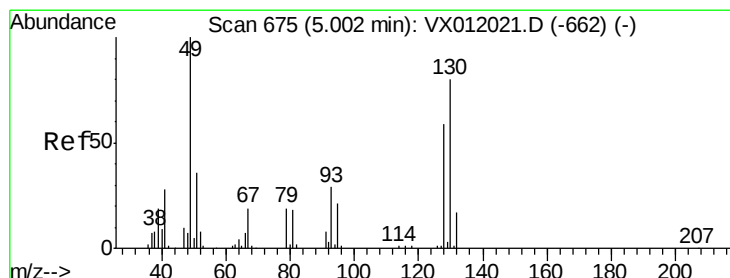
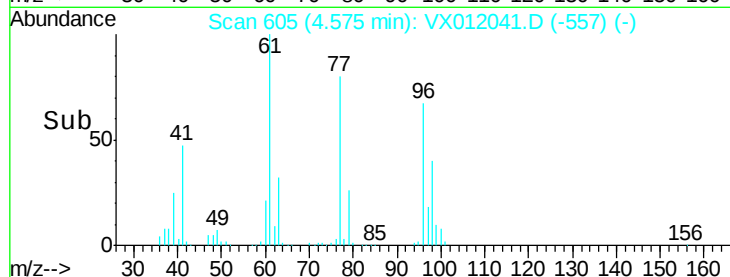
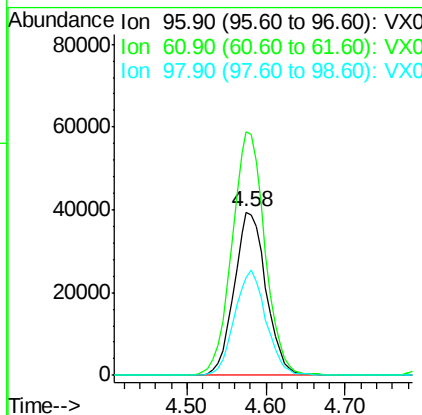
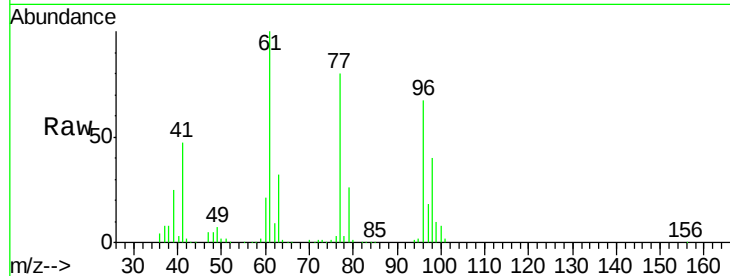
cis-1,2-Dichloroethene
 Concen: 51.277 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.9	0.0	277.0	
98	63.5	0.0	128.4	

Manual Integrations
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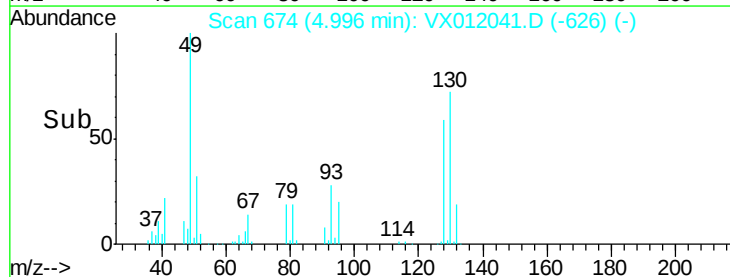
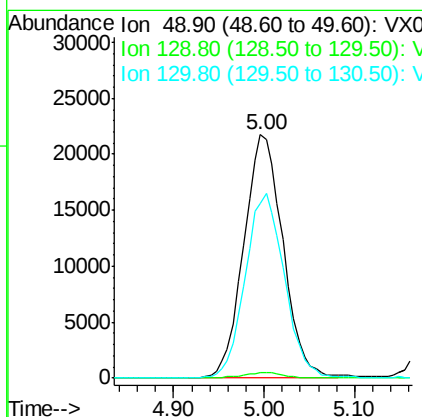
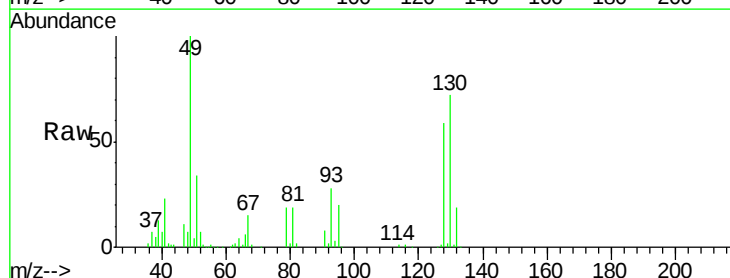
sam
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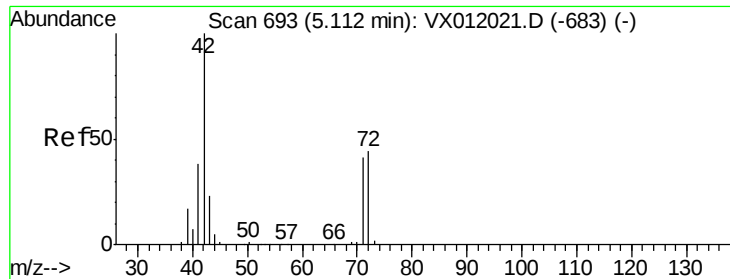


#28

Bromochloromethane
 Concen: 48.472 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	5.6	
130	75.8	76.7	115.1#	





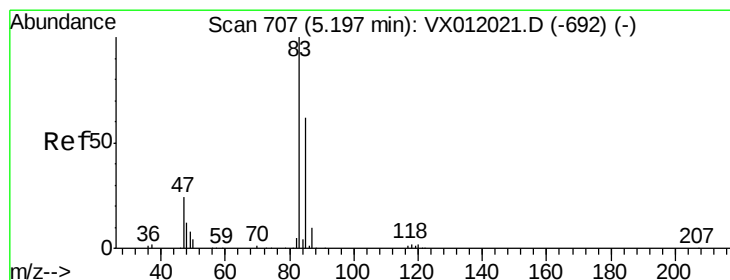
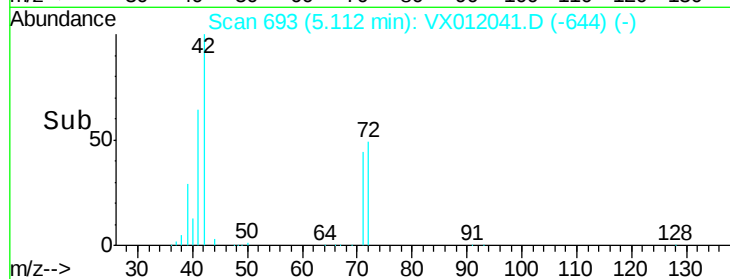
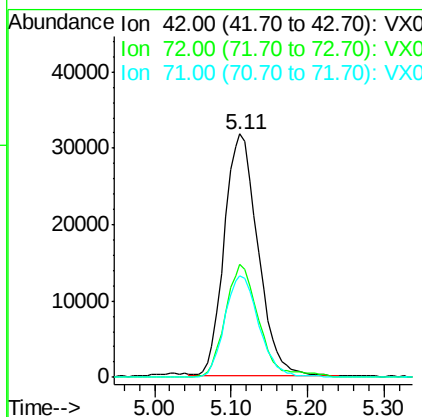
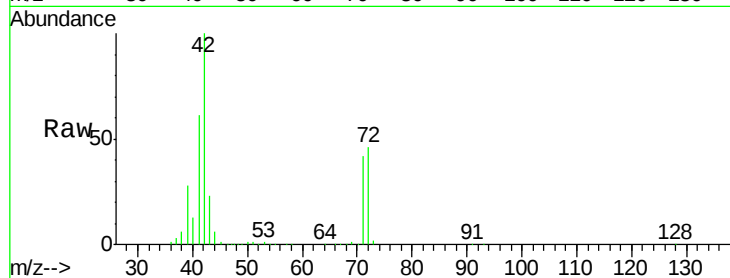
#29
Tetrahydrofuran
Concen: 240.181 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.0	55.4
71	42.7	33.8	50.8

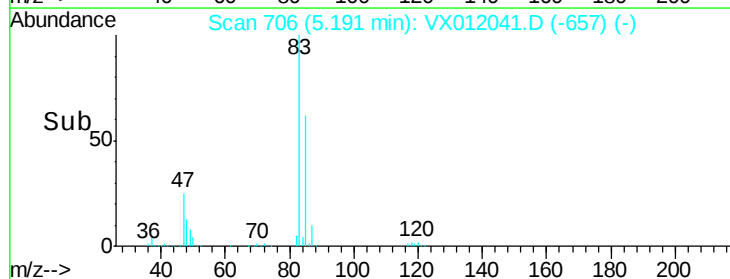
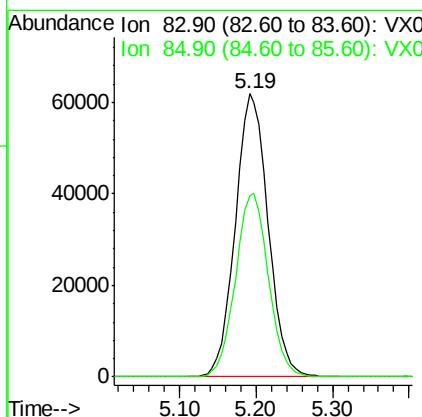
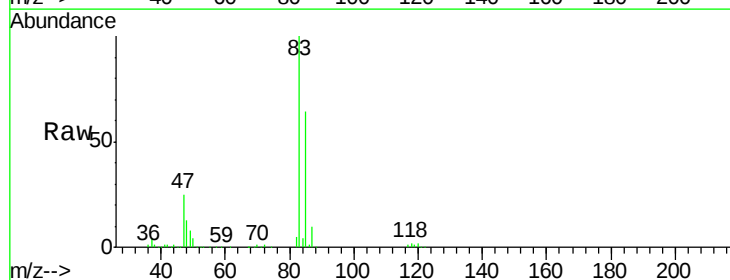
Manual Integrations
APPROVED

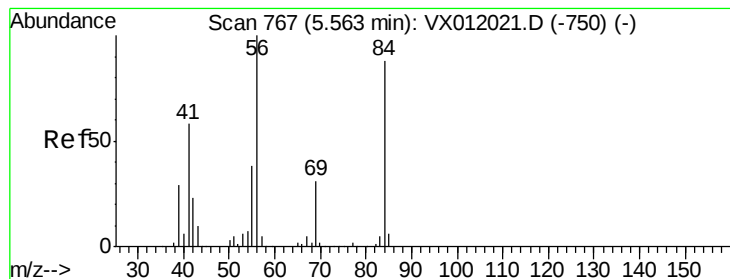
sam
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#30
Chloroform
Concen: 50.943 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	78.8





#31

Cyclohexane

Concen: 55.102 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 148653

Ion Ratio Lower Upper

56 100

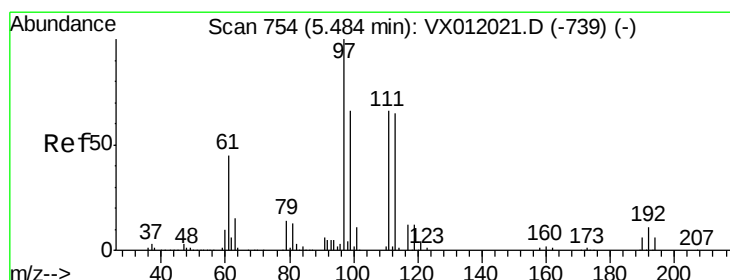
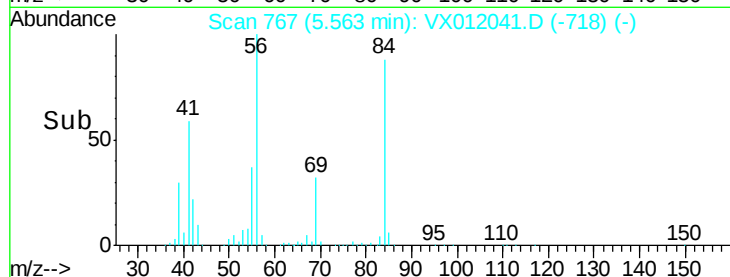
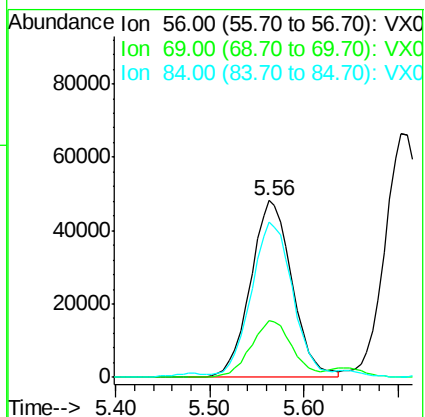
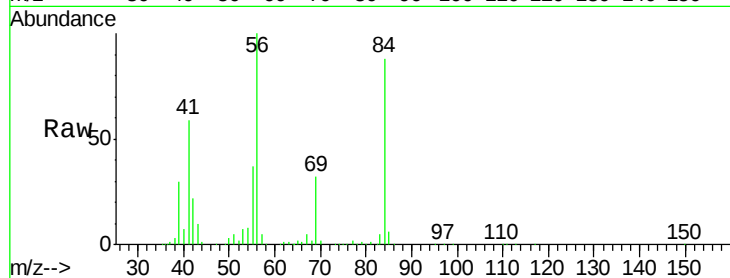
69 32.1 25.7 38.5

84 85.5 70.3 105.5

Manual Integrations
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sam

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#32

1,1,1-Trichloroethane

Concen: 54.304 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

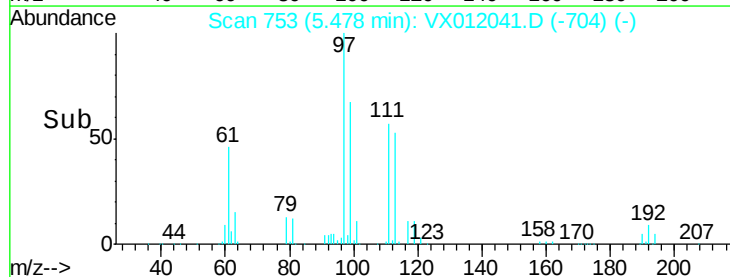
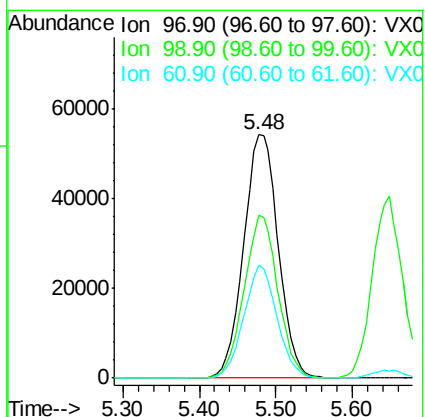
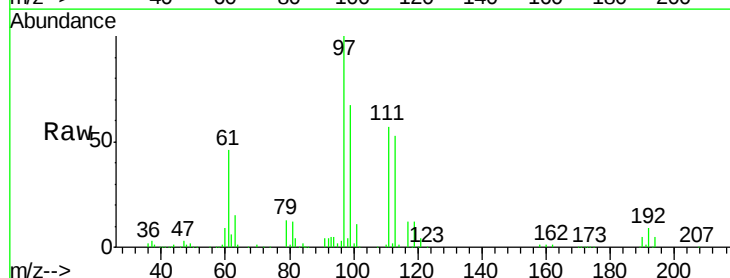
Tgt Ion: 97 Resp: 170469

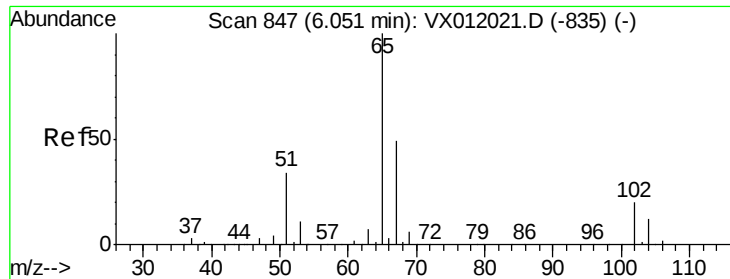
Ion Ratio Lower Upper

97 100

99 65.2 52.1 78.1

61 44.6 32.8 49.2





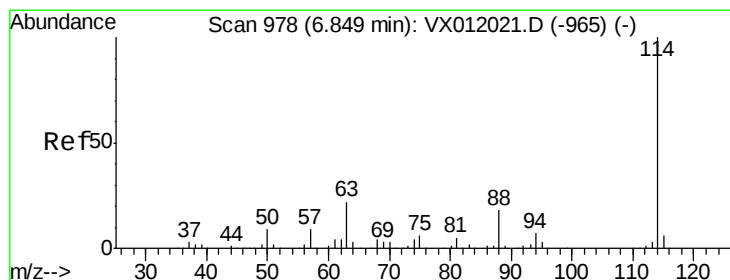
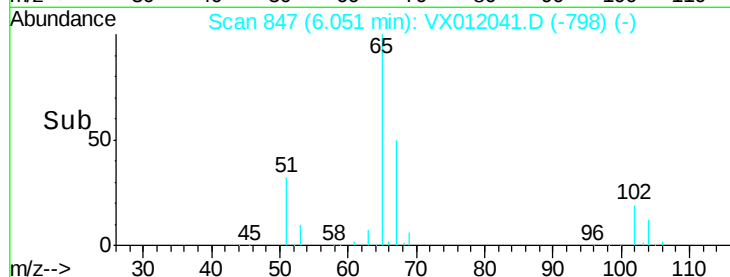
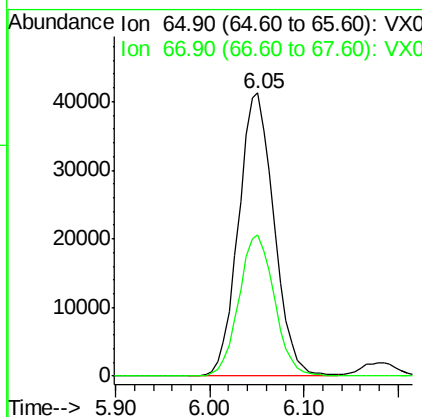
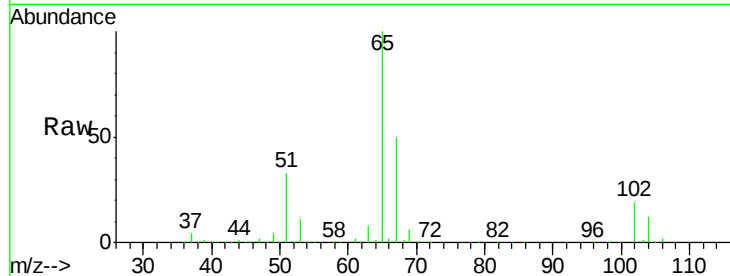
#33
 1,2-Dichloroethane-d4
 Concen: 49.162 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.0

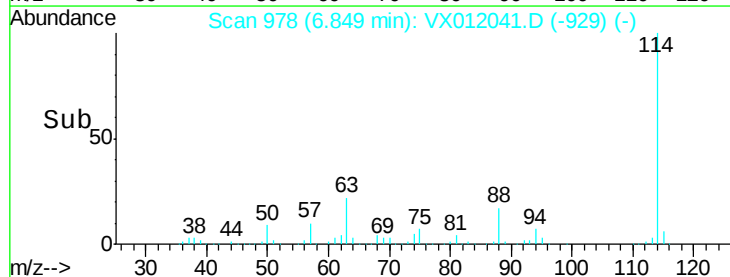
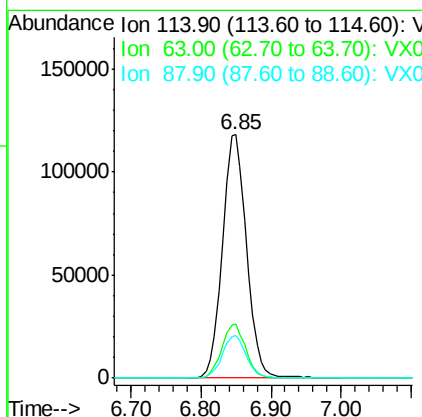
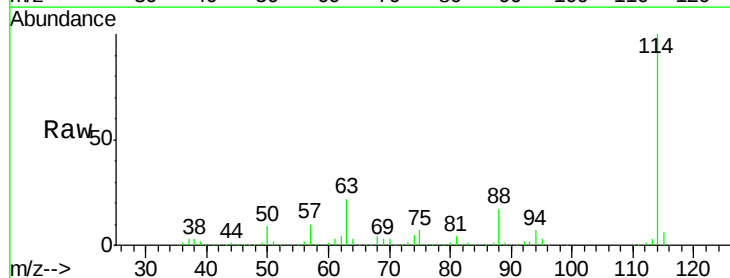
Manual Integrations
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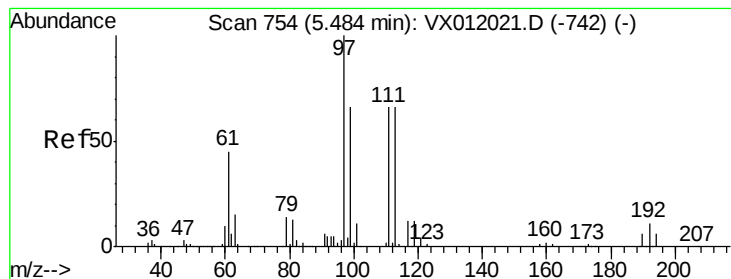
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	37.4
88	17.4	0.0	29.6





#35

Dibromofluoromethane

Concen: 50.126 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

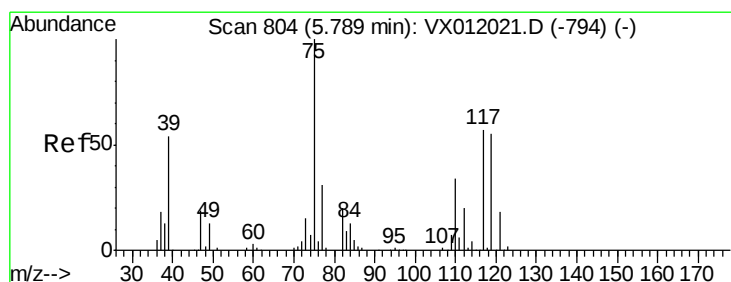
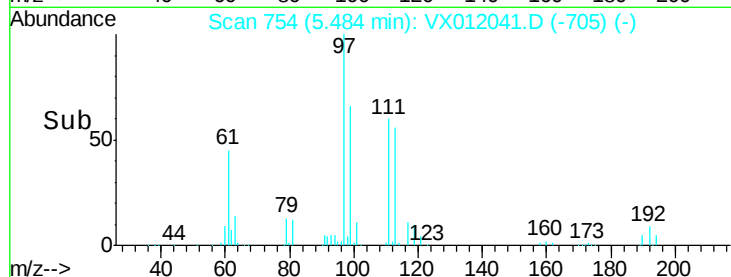
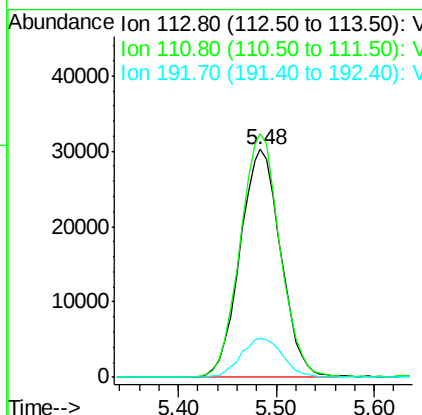
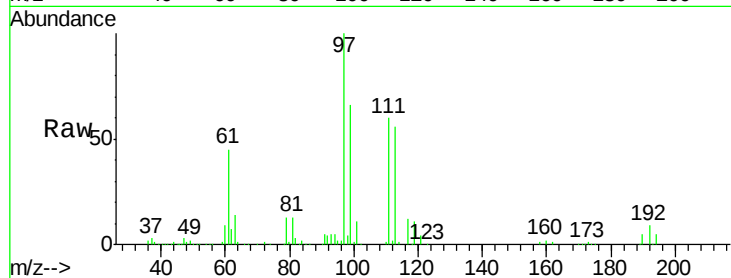
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.7	122.5
192	17.5	22.5	33.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 55.586 ug/l

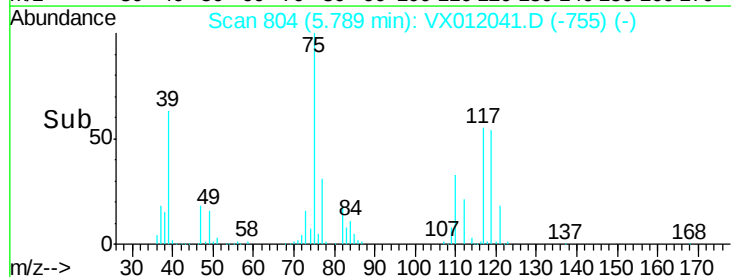
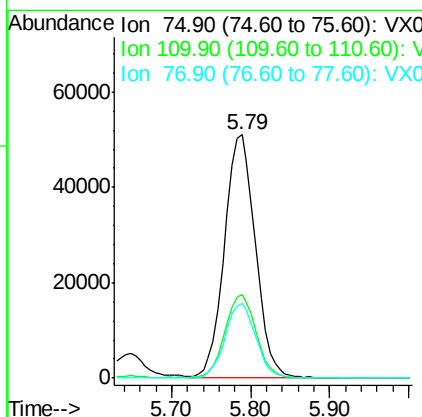
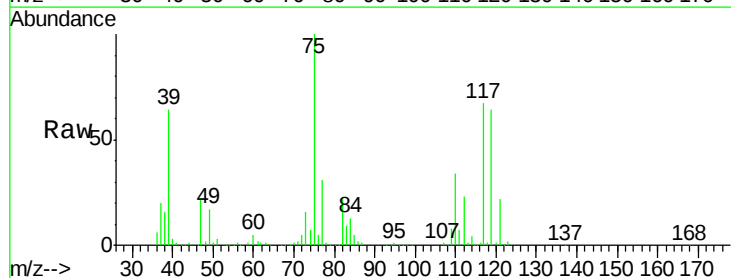
RT: 5.79 min Scan# 804

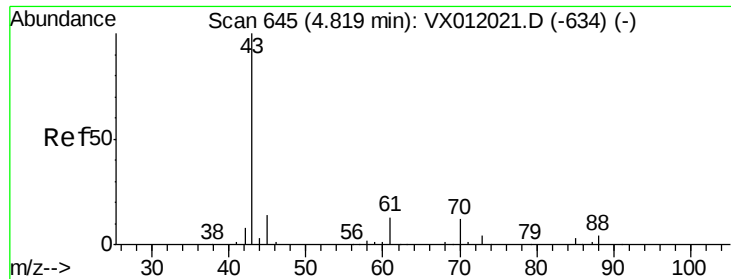
Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	19.5	58.5
77	30.4	24.6	37.0





#37

Ethyl Acetate

Concen: 51.003 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

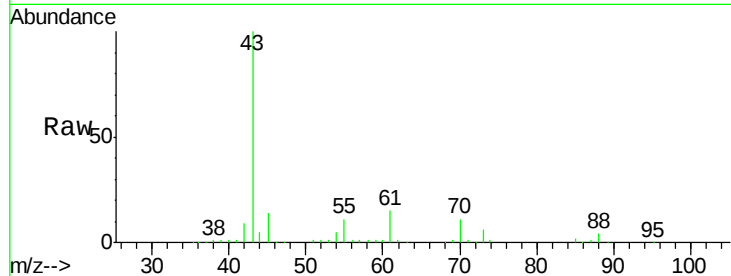
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	69161
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	12.3	9.4	14.0

Manual Integrations
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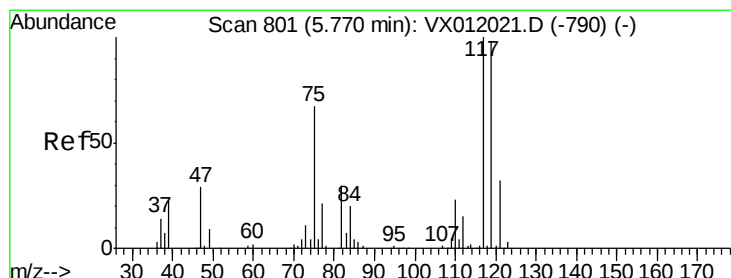
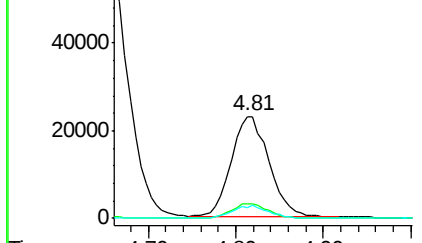
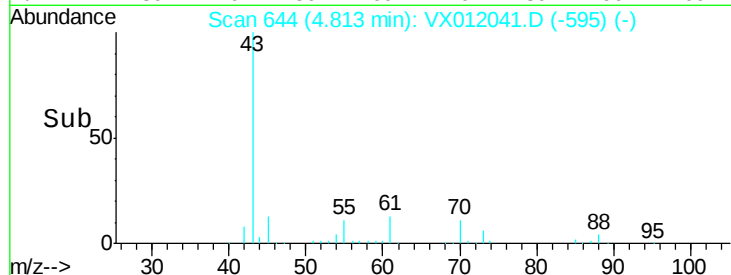


Abundance Ion 43.00 (42.70 to 43.70): VX012021.D (-634) (-)

Ion 60.90 (60.60 to 61.60): VX012021.D (-634) (-)

Ion 70.00 (69.70 to 70.70): VX012021.D (-634) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 56.923 ug/l

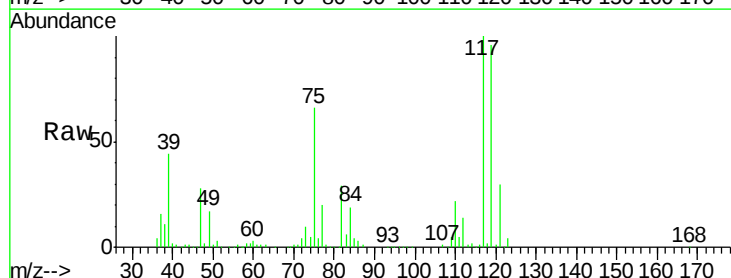
RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tgt Ion:	117	Resp:	149574
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.3	117.5
121	30.0	24.2	36.2

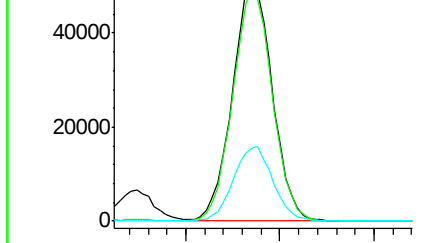
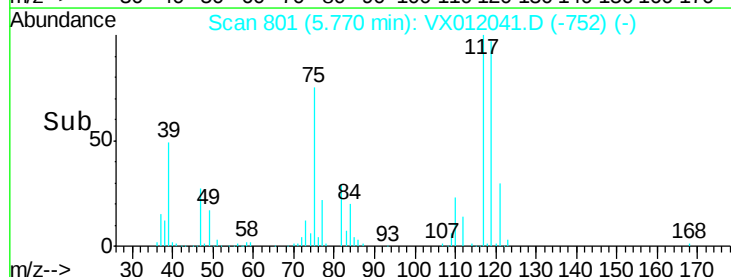


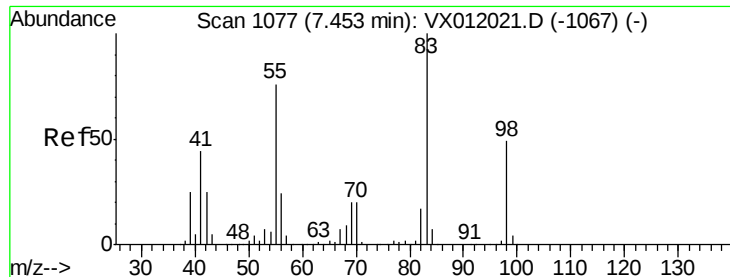
Abundance Ion 116.80 (116.50 to 117.50): VX012021.D (-790) (-)

Ion 118.80 (118.50 to 119.50): VX012021.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012021.D (-790) (-)

Time-->





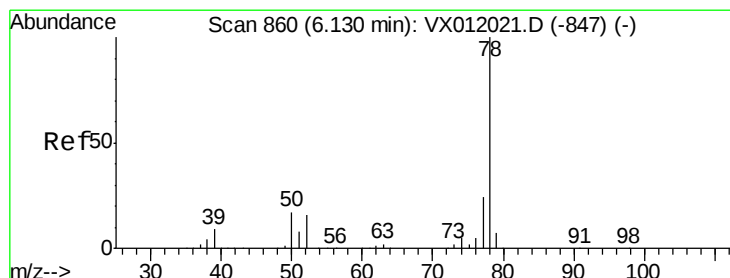
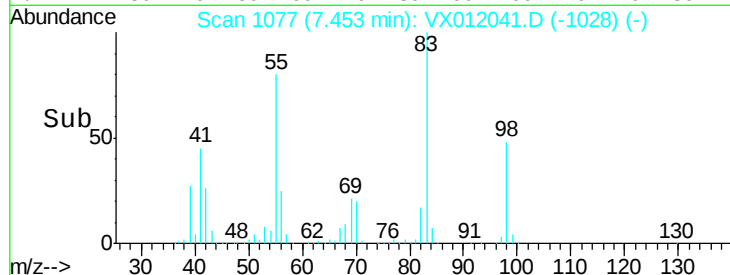
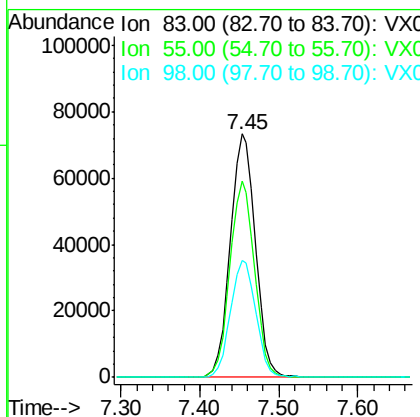
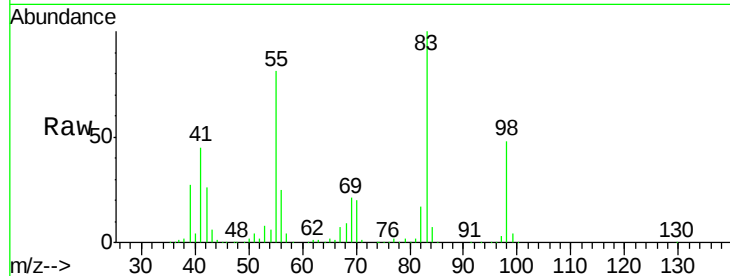
#39
Methvlcvclohexane
Concen: 56.036 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	59.6	89.4
98	48.1	41.4	62.0

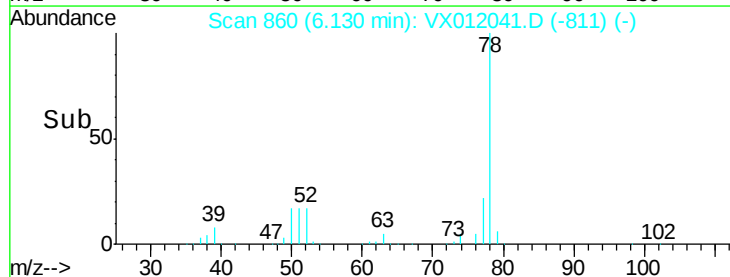
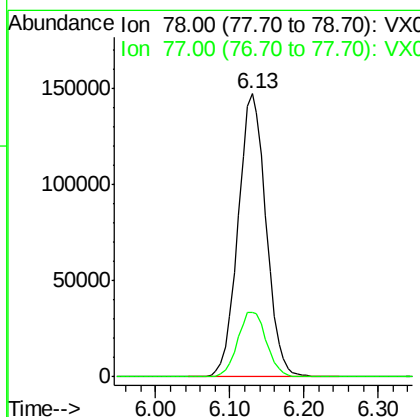
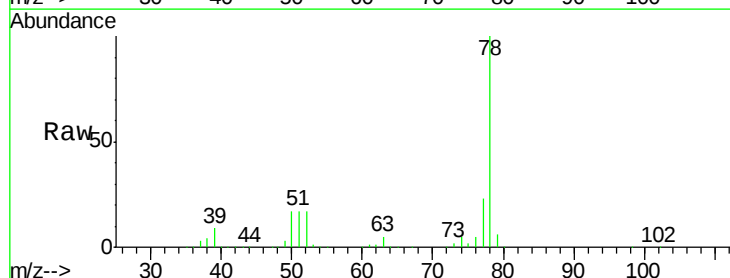
Manual Integrations
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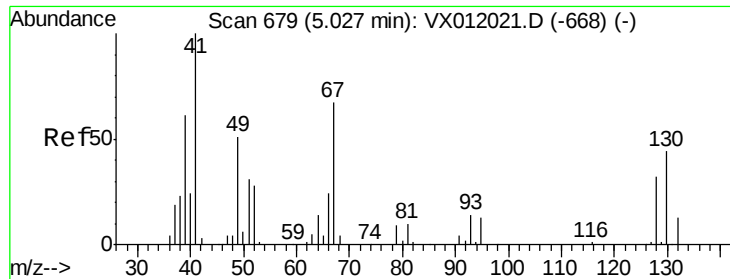
sam
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#40
Benzene
Concen: 54.151 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





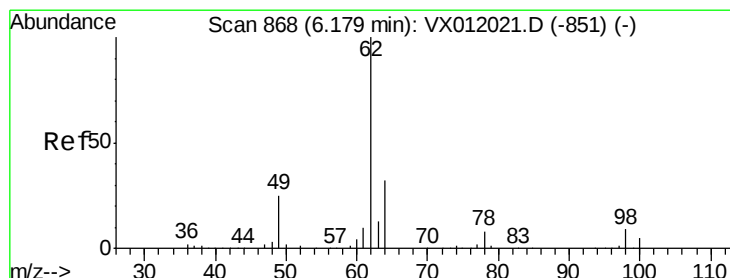
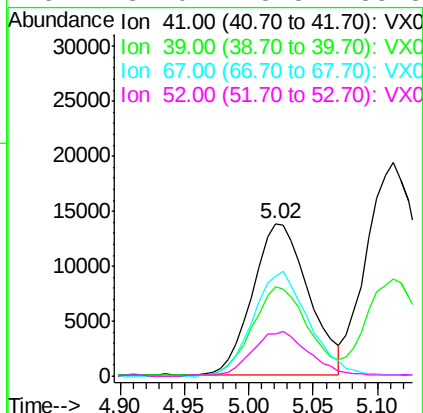
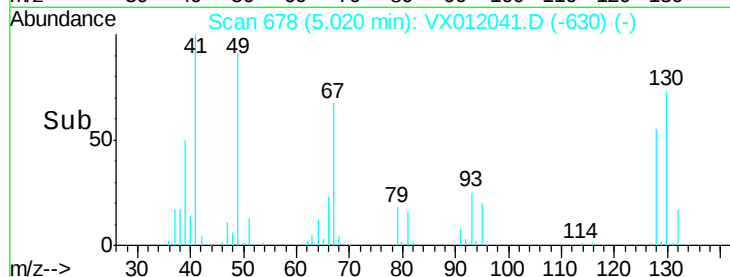
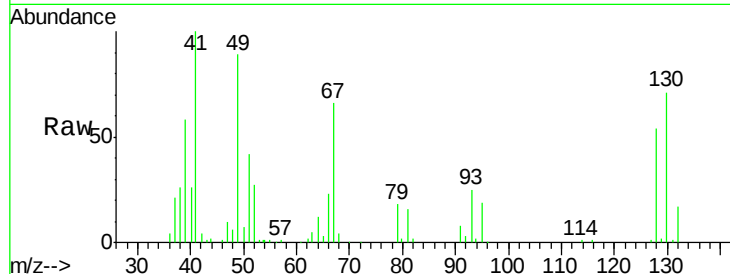
#41
Methacrylonitrile
Concen: 51.283 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	41471
Ion Ratio	Lower	Upper	
41	100		
39	58.6	46.7	70.1
67	69.6	57.0	85.6
52	31.0	23.5	35.3

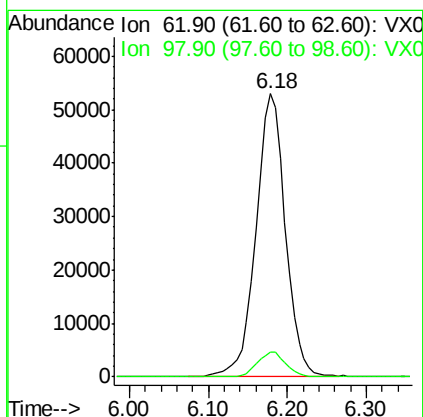
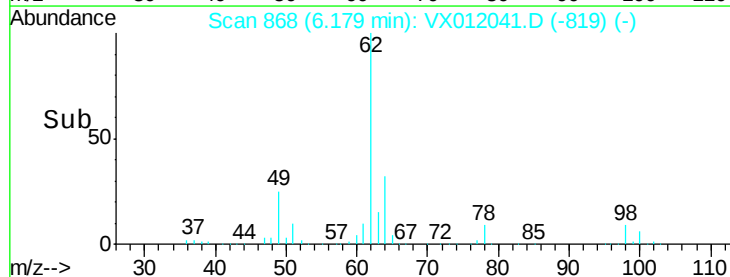
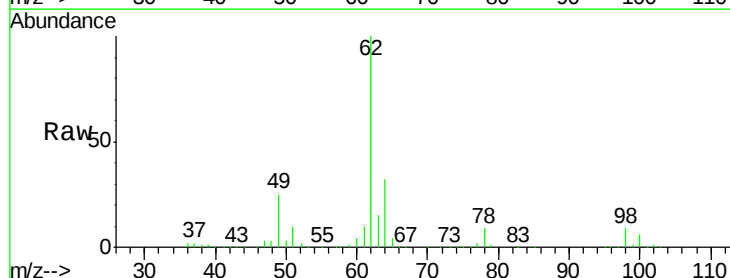
Manual Integrations
APPROVED

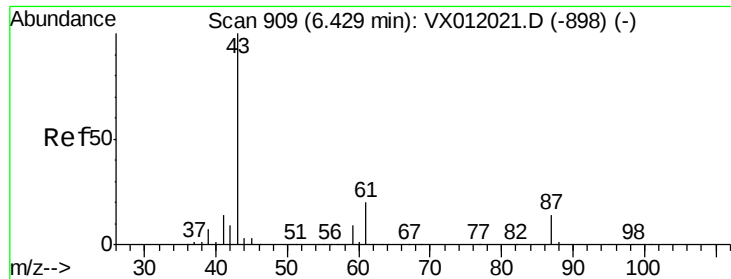
sam
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#42
1,2-Dichloroethane
Concen: 53.498 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion:	62	Resp:	137823
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	19.2





#43

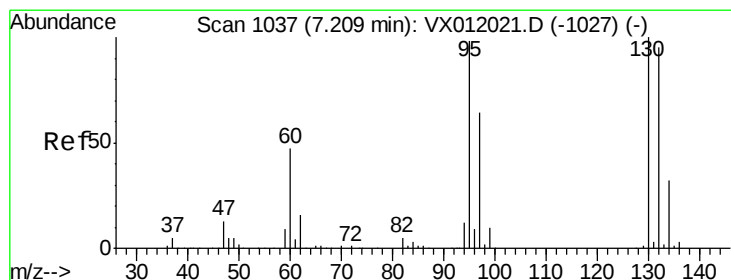
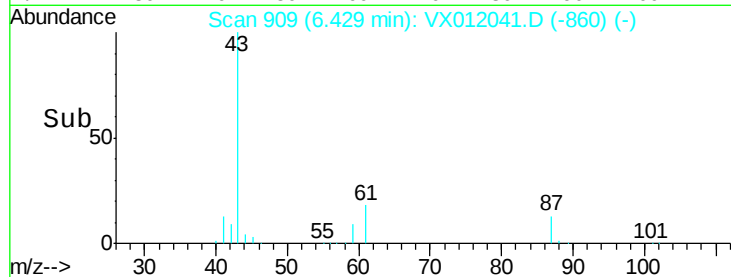
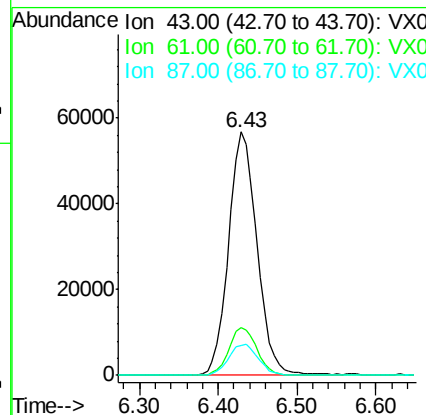
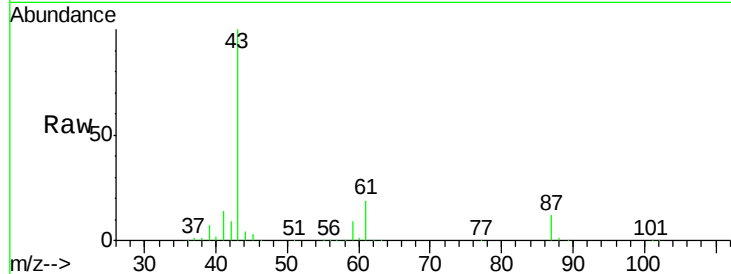
Isopropyl Acetate
 Concen: 51.461 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	13.3	11.3	16.9

Manual Integrations
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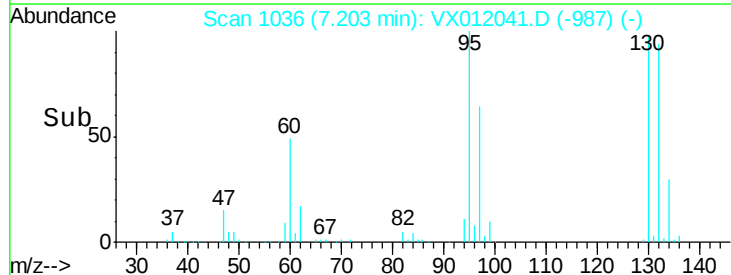
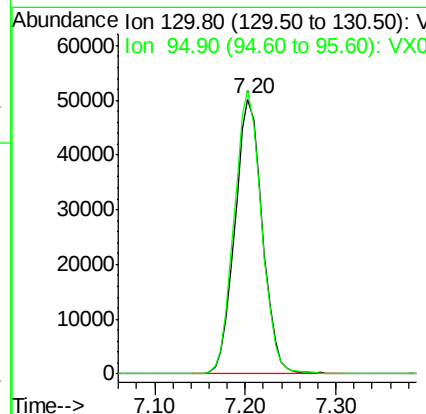
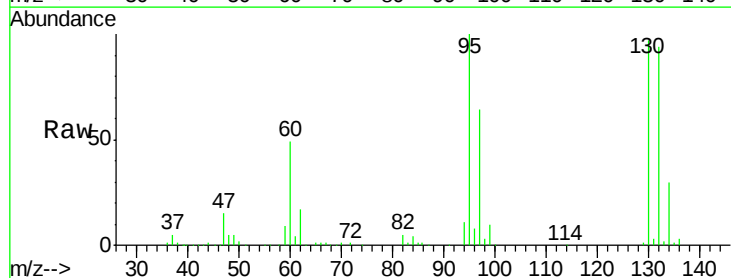
sam
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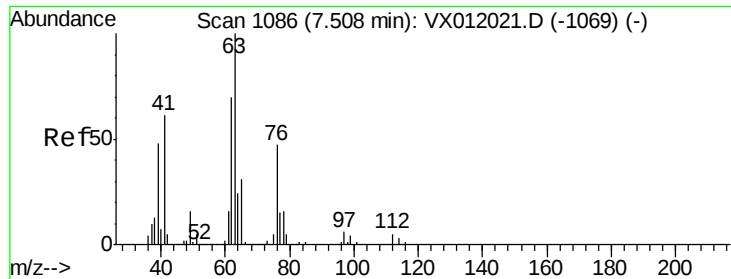


#44

Trichloroethene
 Concen: 54.562 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	176.4





#45

1,2-Dichloropropane

Concen: 52.266 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 96671

Ion Ratio Lower Upper

63 100

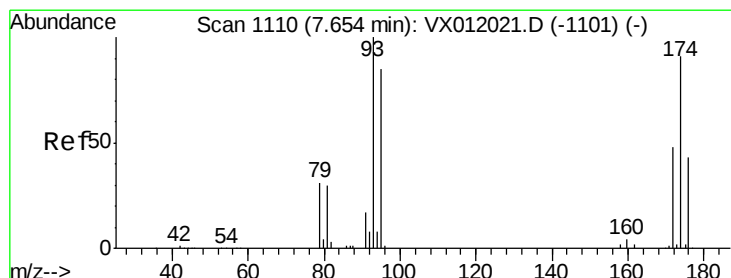
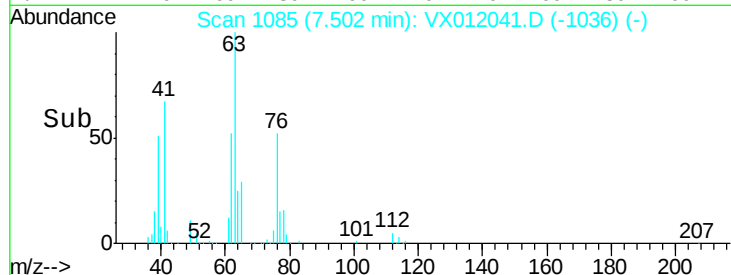
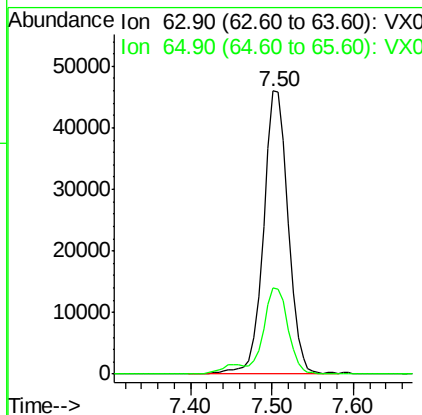
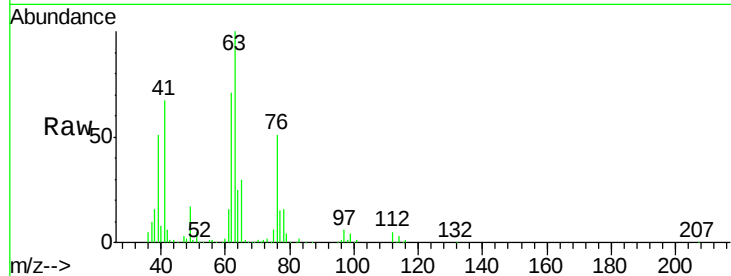
65 30.3 25.0 37.6

Manual Integrations

APPROVED

sam

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#46

Dibromomethane

Concen: 52.273 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

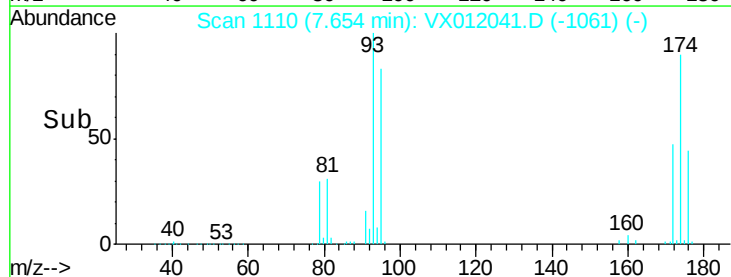
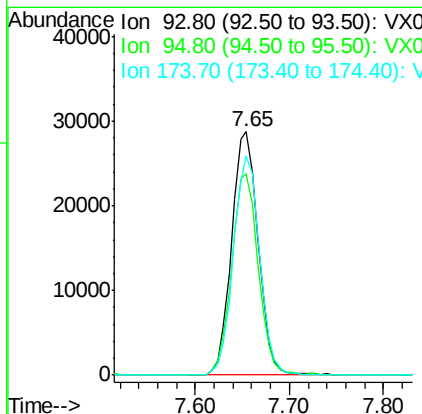
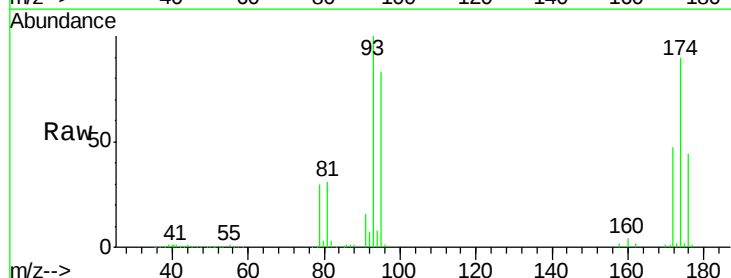
Tgt Ion: 93 Resp: 56440

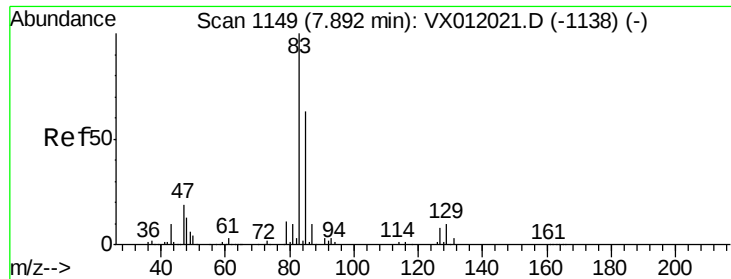
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 89.1 110.2 165.4#





#47

Bromodichloromethane

Concen: 53.080 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

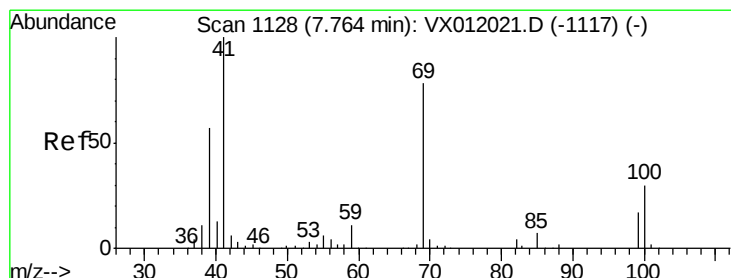
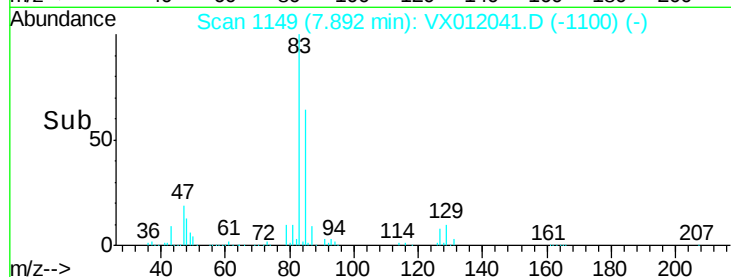
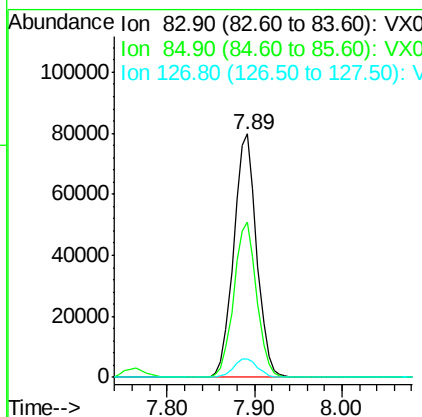
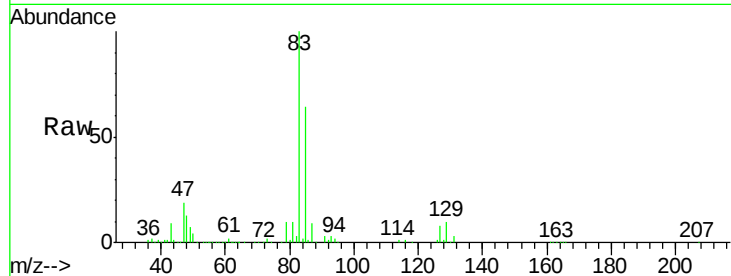
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	145677
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5
127	7.8	8.1	12.1#

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.398 ug/l

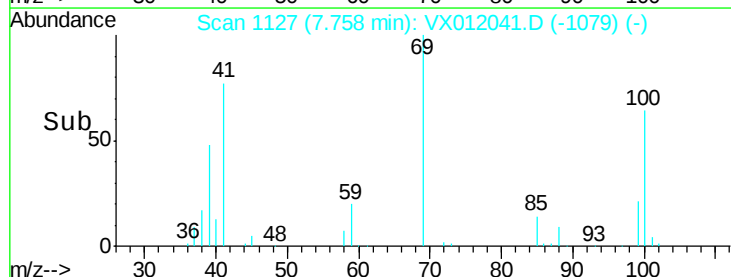
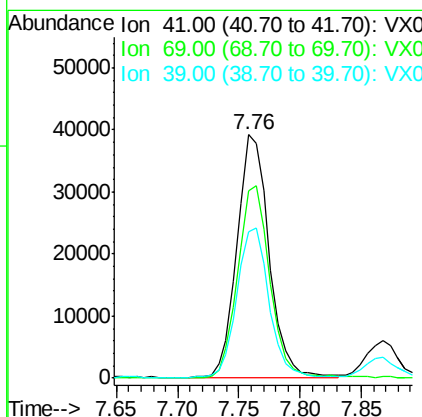
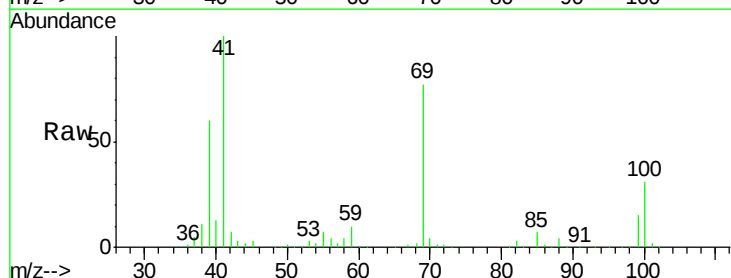
RT: 7.76 min Scan# 1127

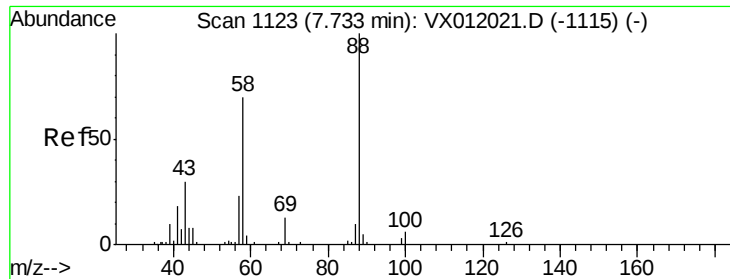
Delta R.T. -0.01 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tgt Ion:	41	Resp:	71257
Ion	Ratio	Lower	Upper
41	100		
69	80.3	66.3	99.5
39	61.2	48.1	72.1





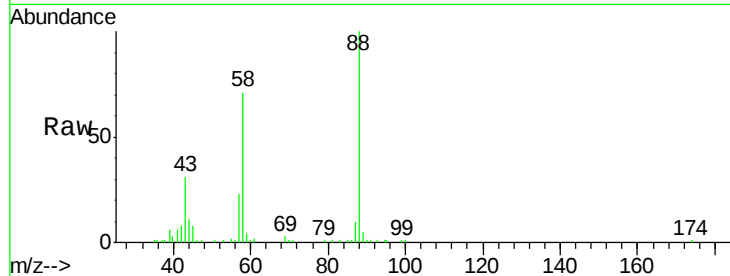
#49
1,4-Dioxane
Concen: 908.079 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	29.8	44.6
58	76.5	55.4	83.2

Manual Integrations
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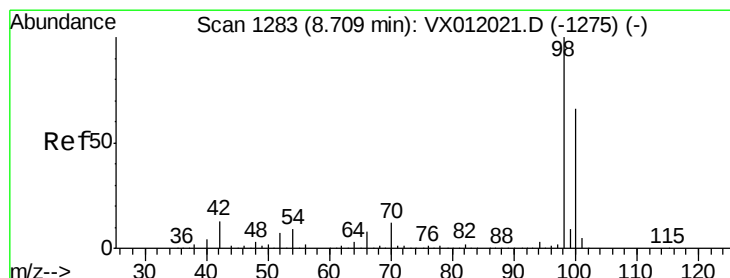
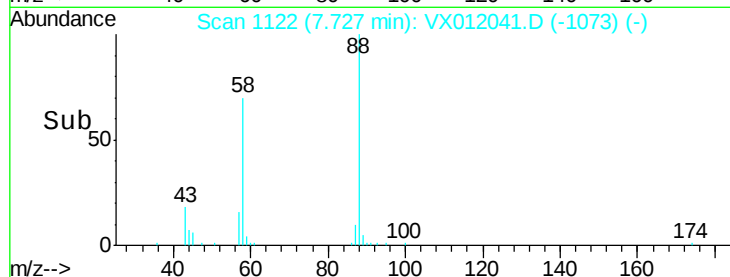
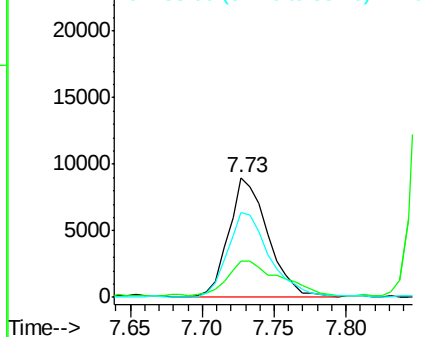


Abundance

Ion 88.00 (87.70 to 88.70): VX0

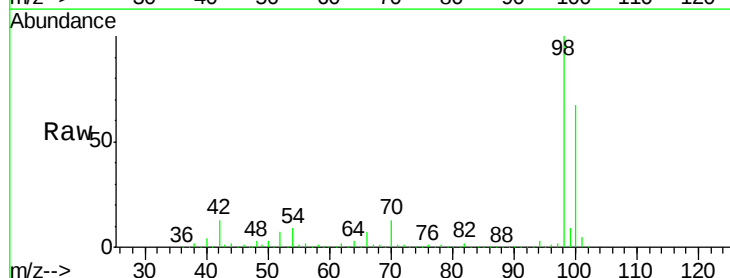
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 52.857 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

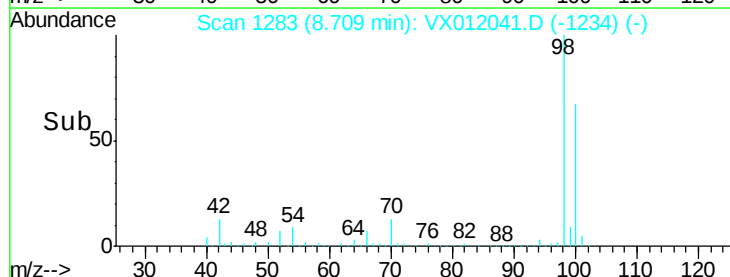
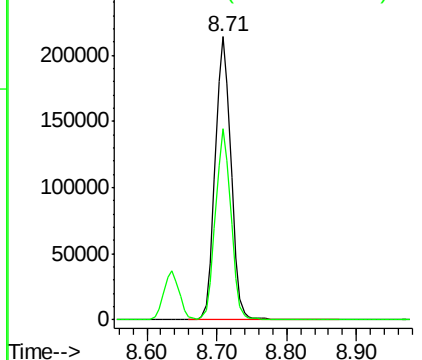
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9

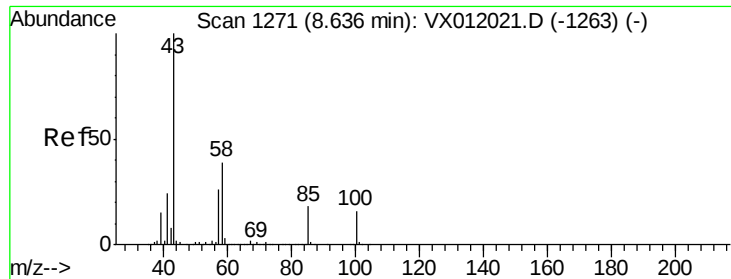


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 252.142 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 353617

Ion Ratio Lower Upper

43 100

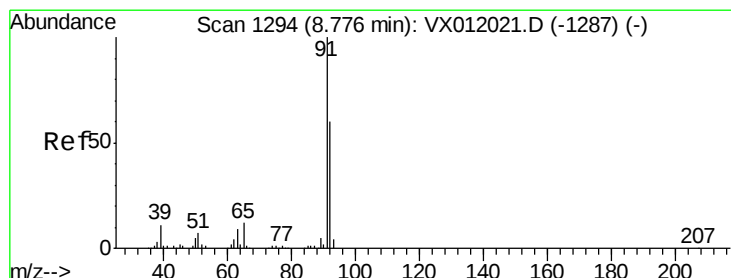
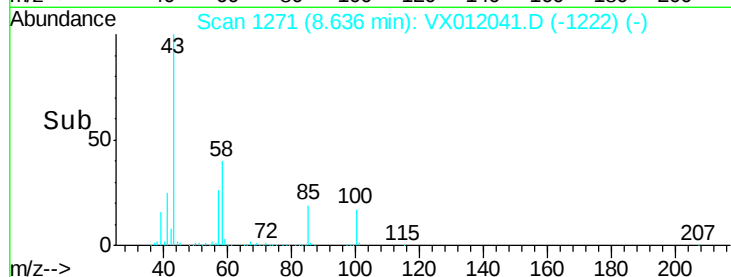
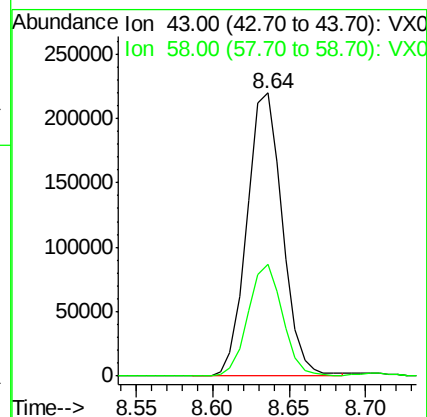
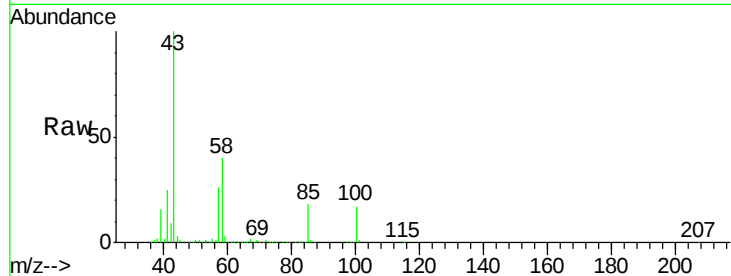
58 38.7 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 53.330 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012041.D

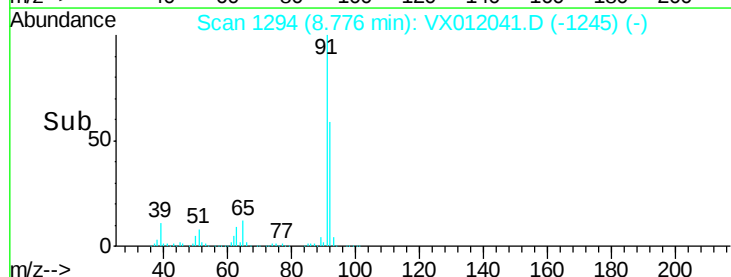
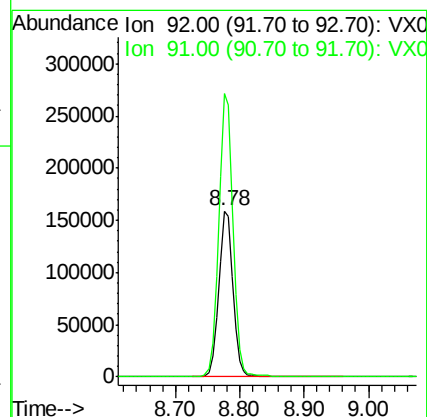
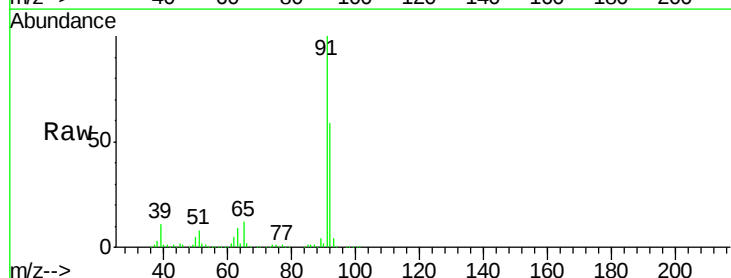
Acq: 04 Sep 2019 10:04

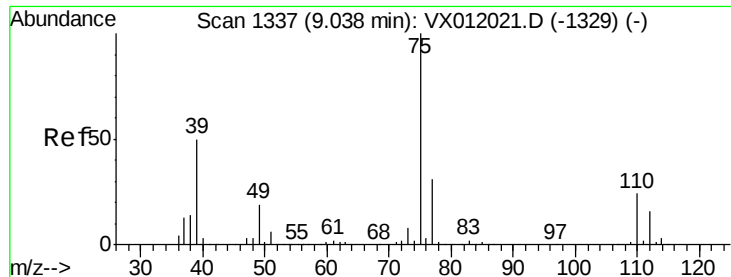
Tgt Ion: 92 Resp: 248403

Ion Ratio Lower Upper

92 100

91 170.3 136.0 204.0





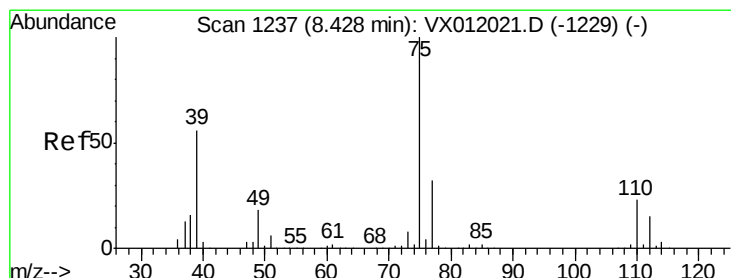
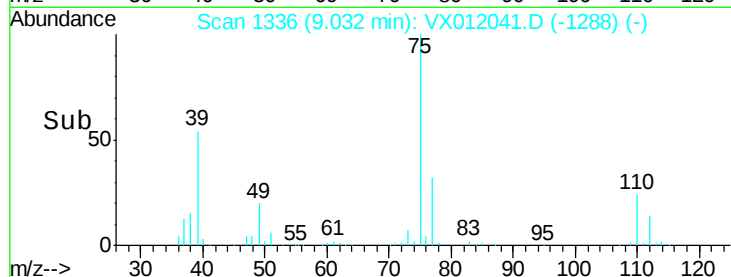
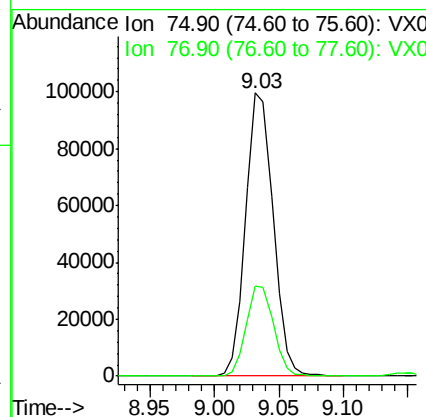
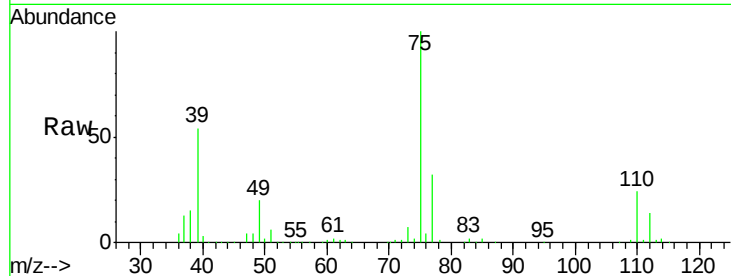
#53
 t-1,3-Dichloropropene
 Concen: 51.868 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 147374
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7

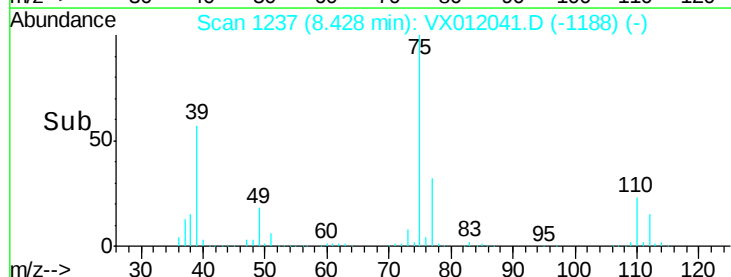
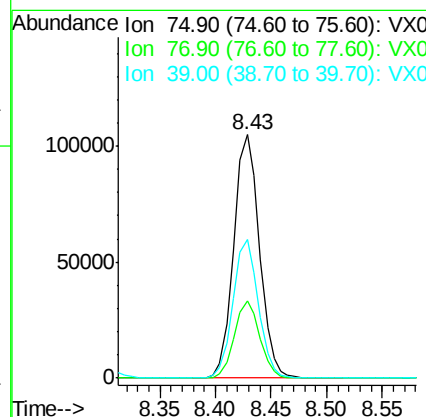
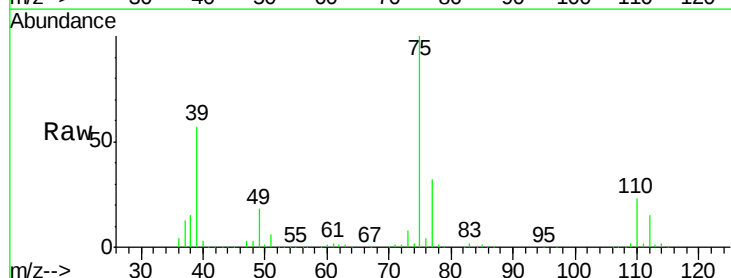
Manual Integrations
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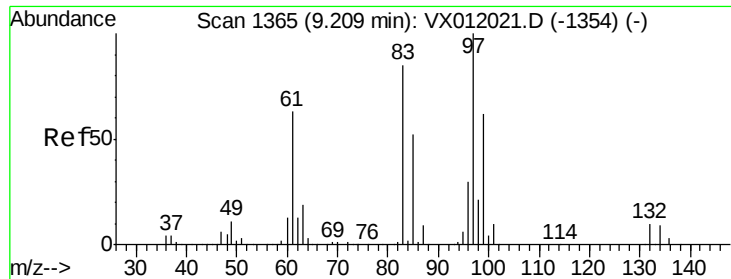
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 53.253 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion: 75 Resp: 168261
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 56.8 43.0 64.4





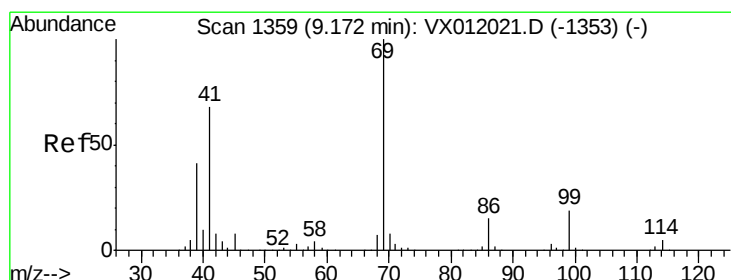
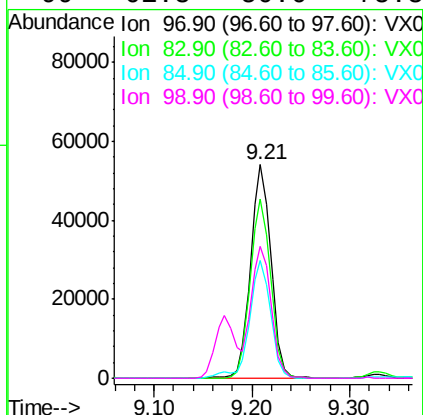
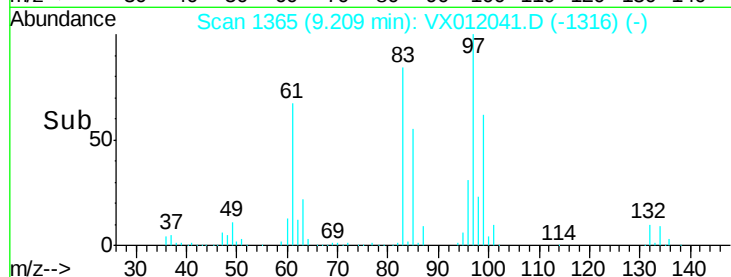
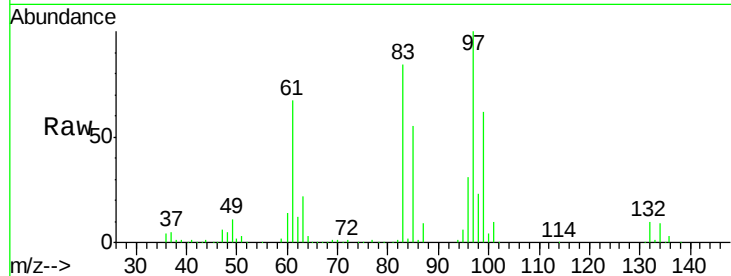
#55
 1,1,2-Trichloroethane
 Concen: 50.780 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	78386
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.0	99.0
85	54.9	41.0	61.6
99	61.8	50.6	75.8

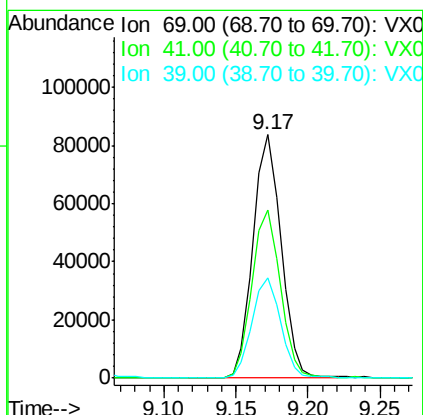
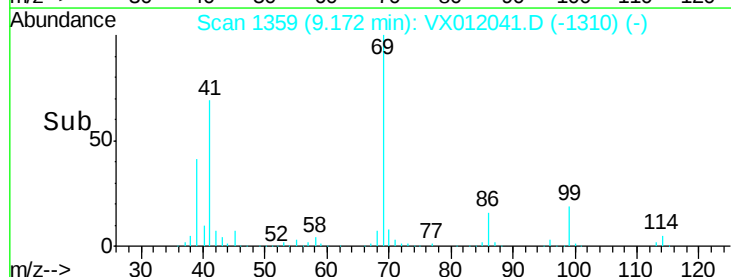
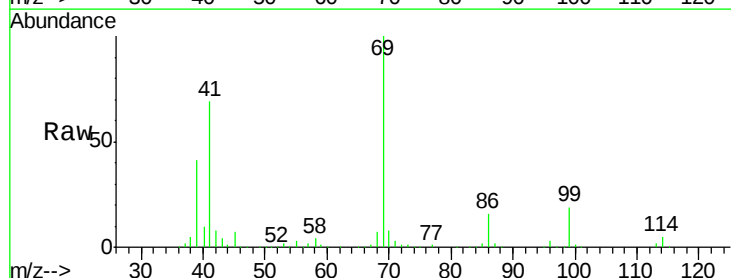
Manual Integrations
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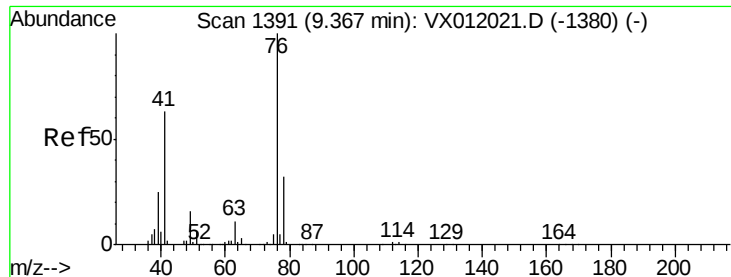
sam
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#56
 Ethyl methacrylate
 Concen: 51.217 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion:	69	Resp:	113244
Ion	Ratio	Lower	Upper
69	100		
41	69.7	53.9	80.9
39	42.0	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.995 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 138499

Ion Ratio Lower Upper

76 100

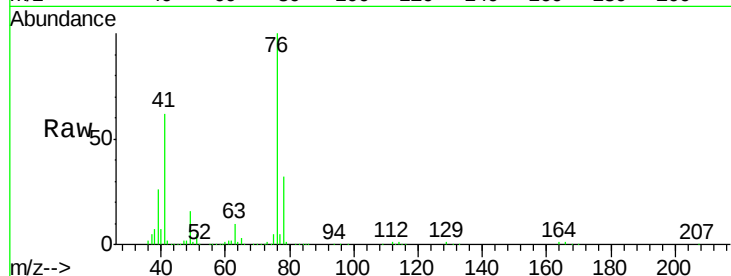
78 32.2 25.5 38.3

Manual Integrations

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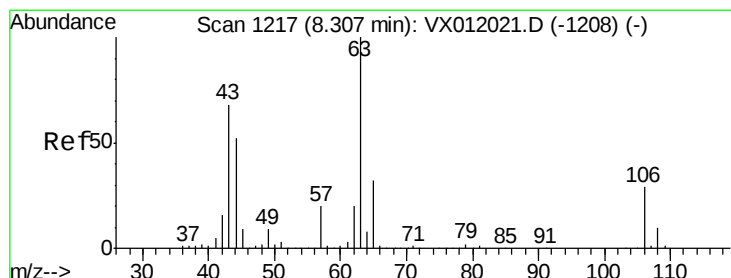
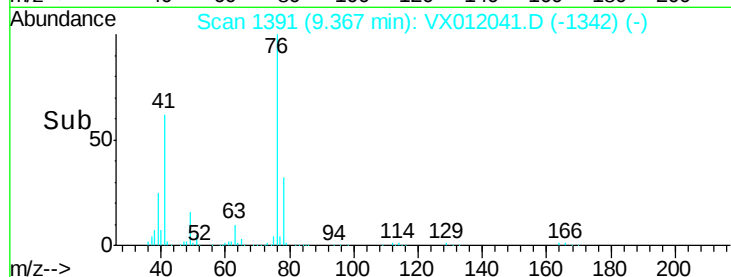
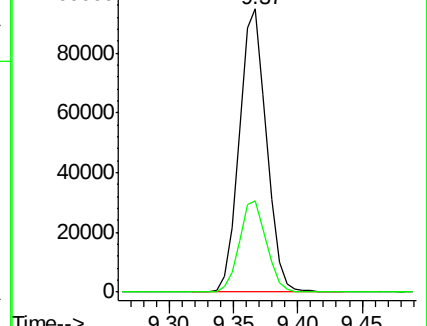
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 208.410 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012041.D

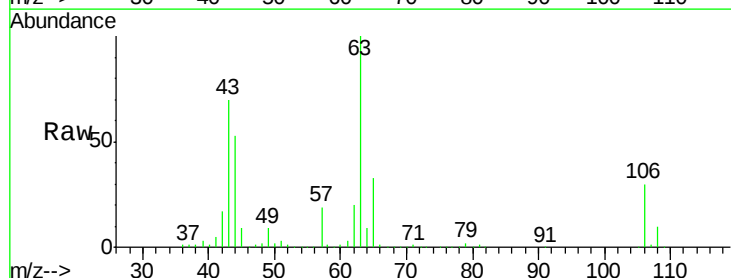
Acq: 04 Sep 2019 10:04

Tgt Ion: 63 Resp: 207750

Ion Ratio Lower Upper

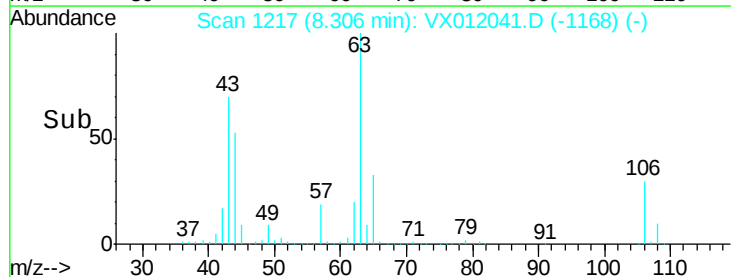
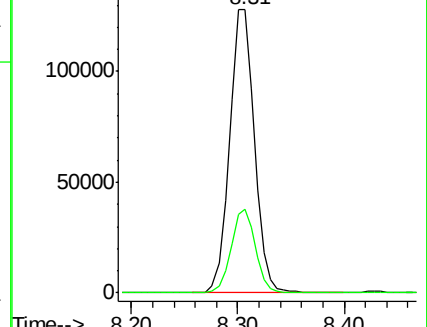
63 100

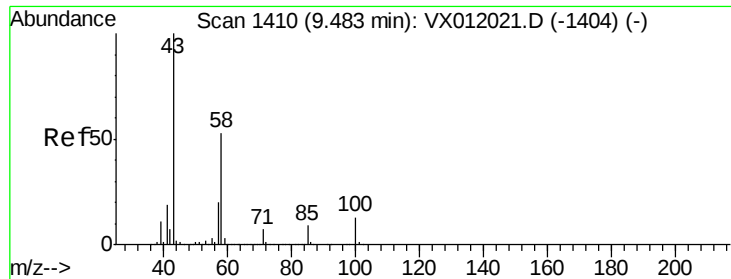
106 29.1 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





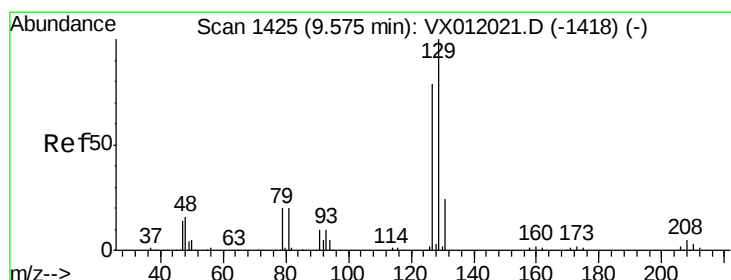
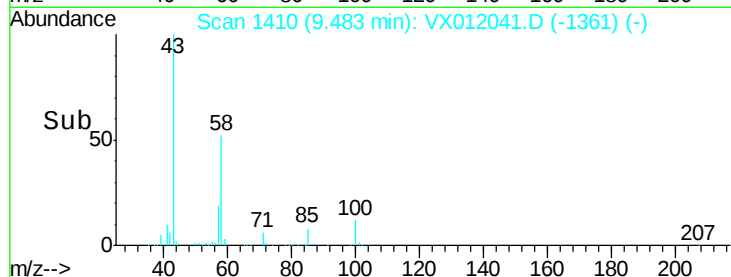
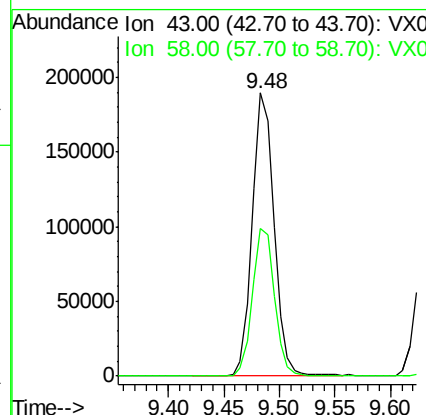
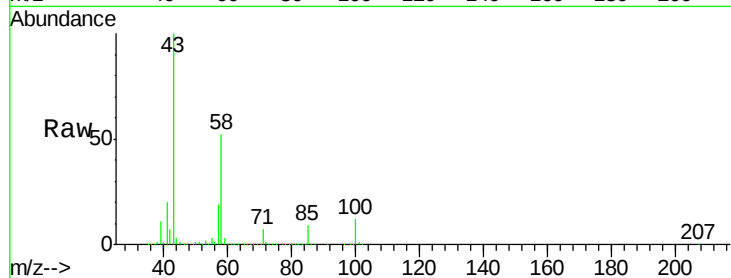
#59
2-Hexanone
Concen: 253.229 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 259138
Ion Ratio Lower Upper
43 100
58 53.4 27.2 81.6

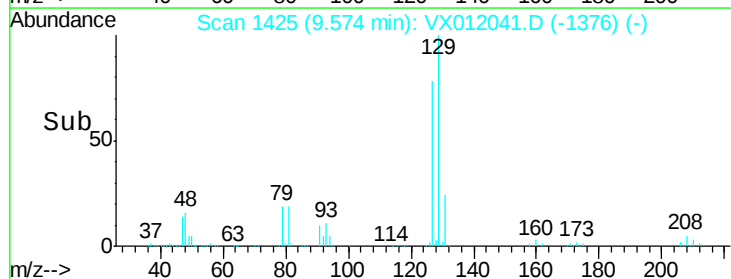
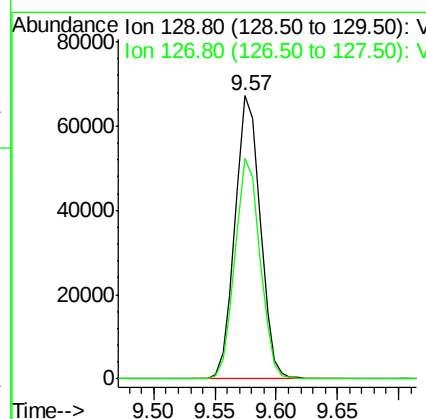
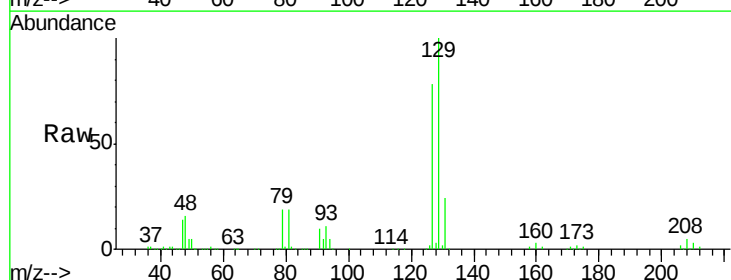
Manual Integrations
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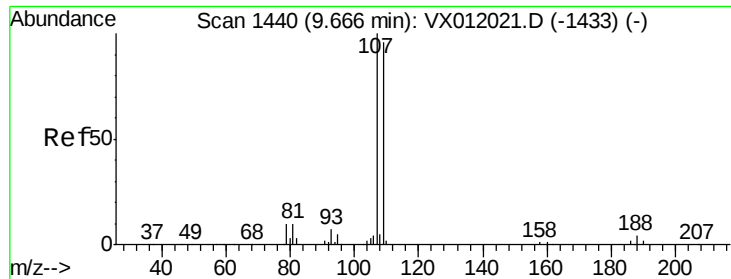
sam
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#60
Dibromochloromethane
Concen: 52.022 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion: 129 Resp: 95705
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5





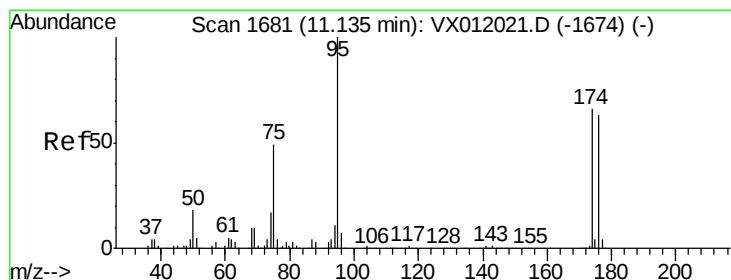
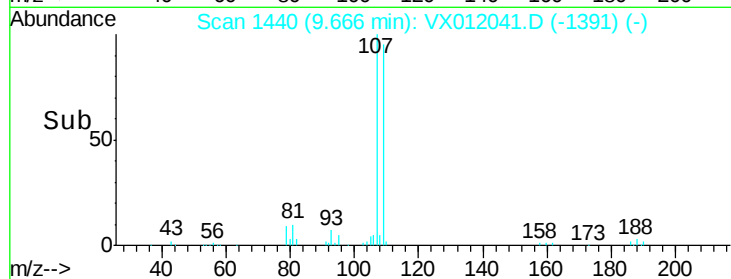
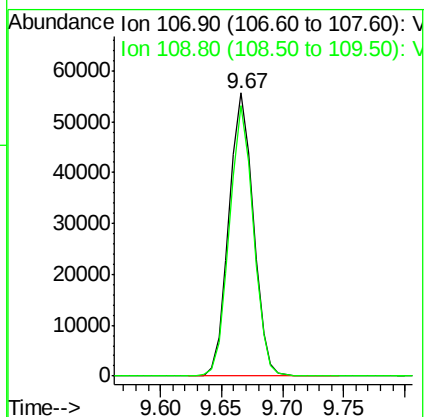
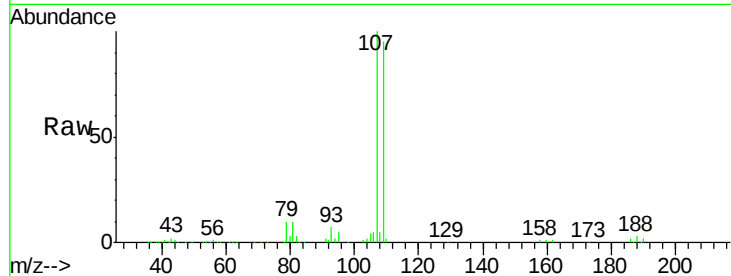
#61
 1,2-Dibromoethane
 Concen: 51.672 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 77074
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.9 115.3

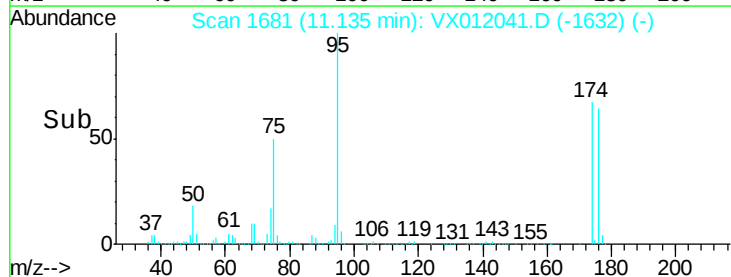
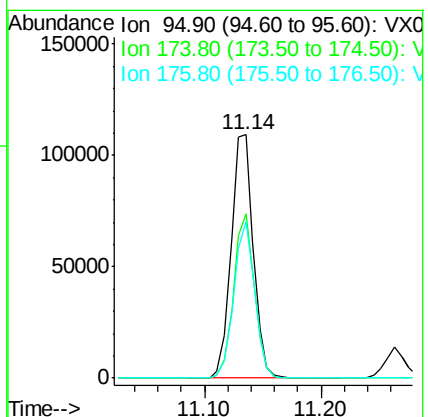
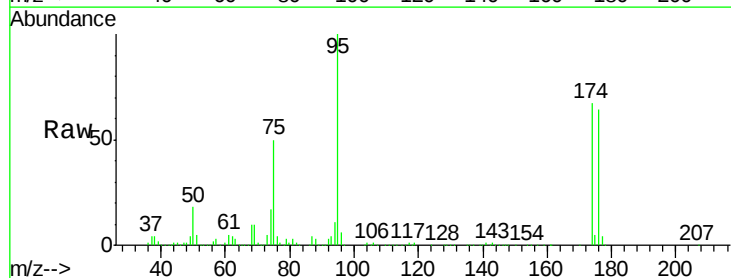
Manual Integrations
 APPROVED

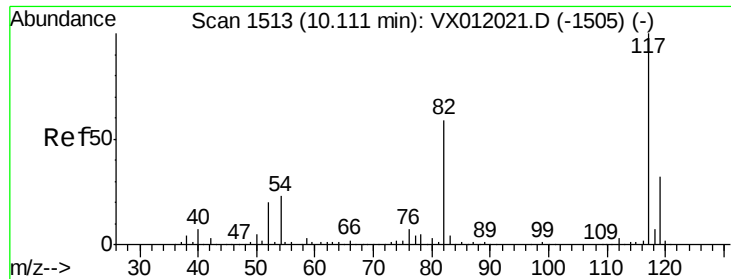
sam
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#62
 4-Bromofluorobenzene
 Concen: 48.431 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion: 95 Resp: 143909
 Ion Ratio Lower Upper
 95 100
 174 63.6 0.0 205.4
 176 61.1 0.0 201.8





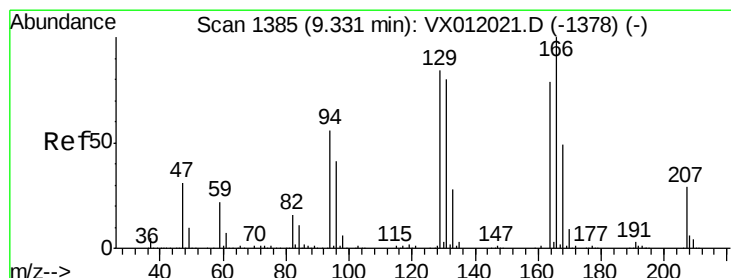
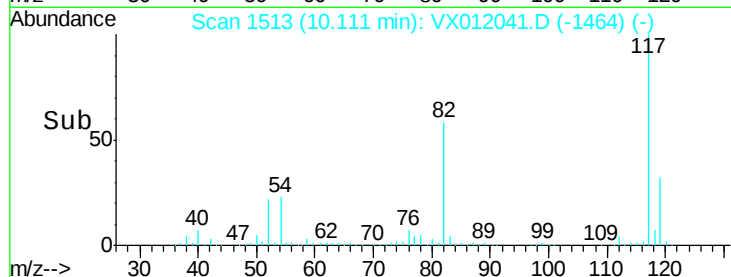
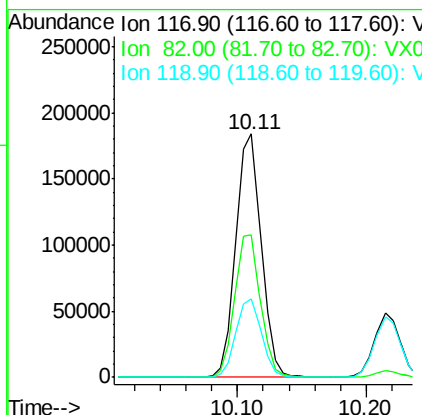
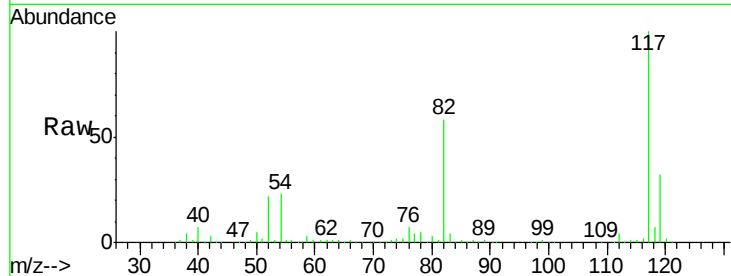
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	39.4	59.0
119	32.3	26.1	39.1

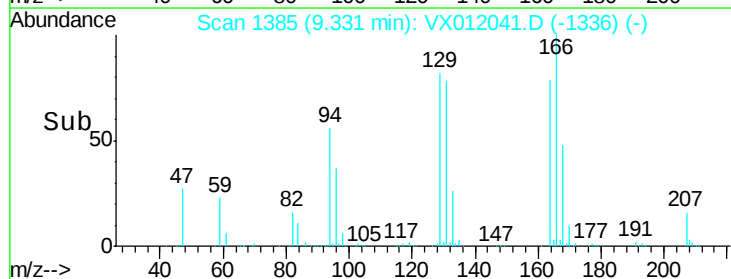
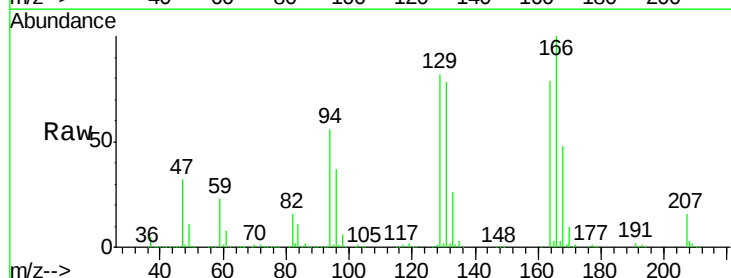
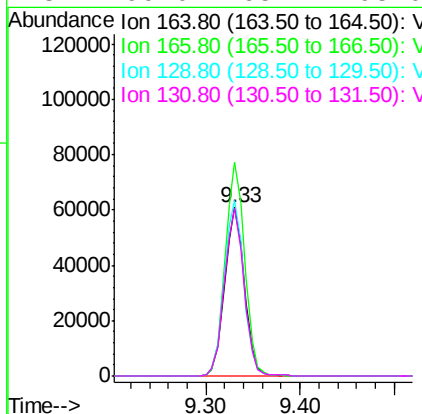
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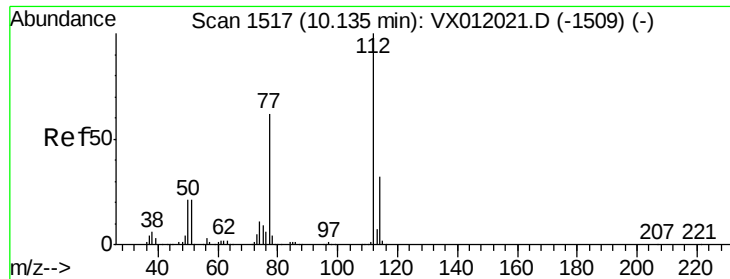
sam
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#64
Tetrachloroethene
Concen: 55.497 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.3	156.5
129	103.7	68.3	102.5#
131	99.0	65.4	98.0#





#65

Chlorobenzene

Concen: 52.463 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 263450

Ion Ratio Lower Upper

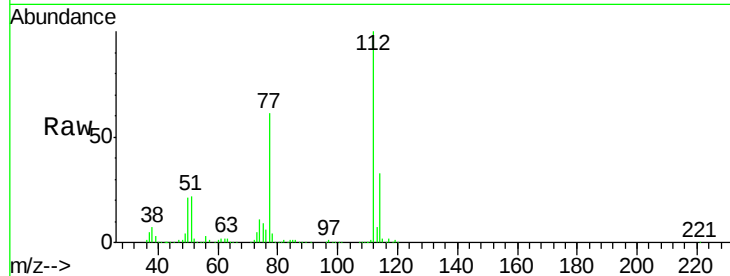
112 100

114 32.5 26.2 39.2

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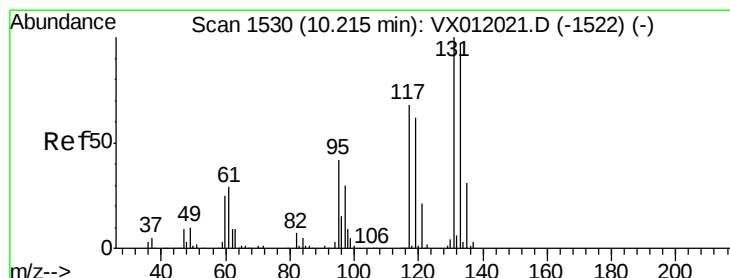
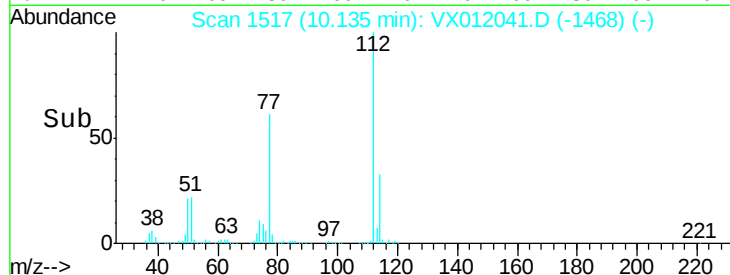
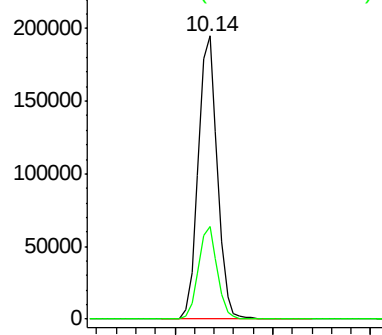
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.853 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

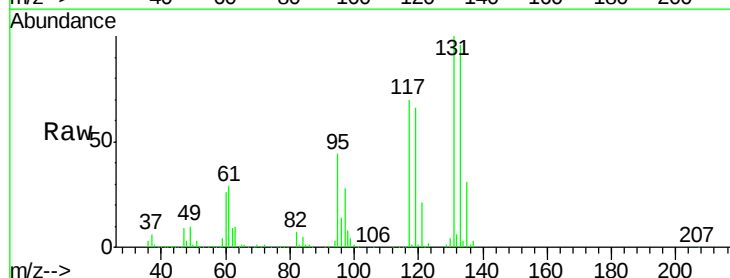
Tgt Ion:131 Resp: 98883

Ion Ratio Lower Upper

131 100

133 94.5 48.4 145.0

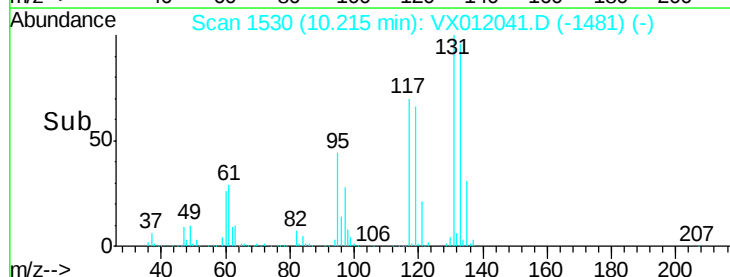
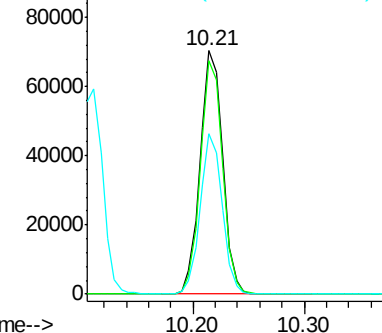
119 64.2 30.5 91.5

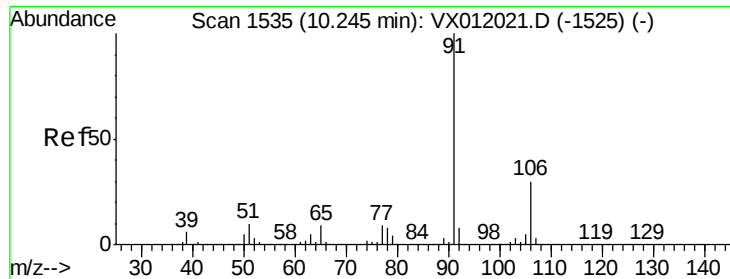


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





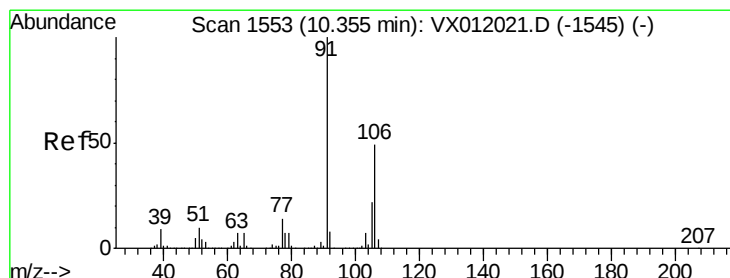
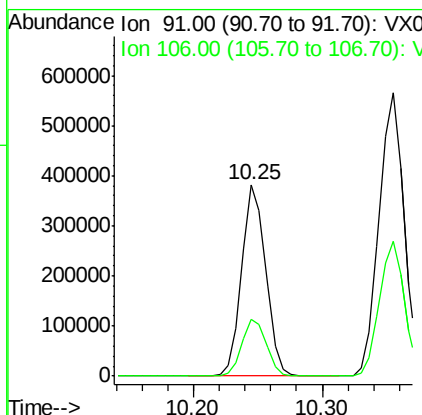
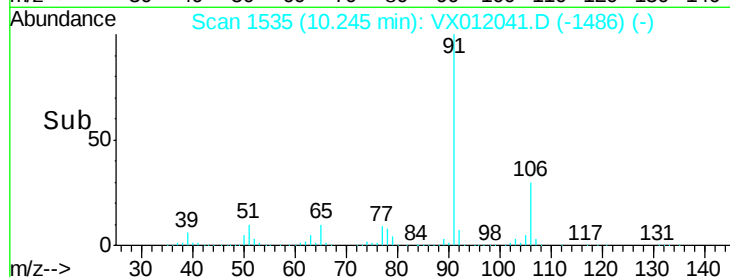
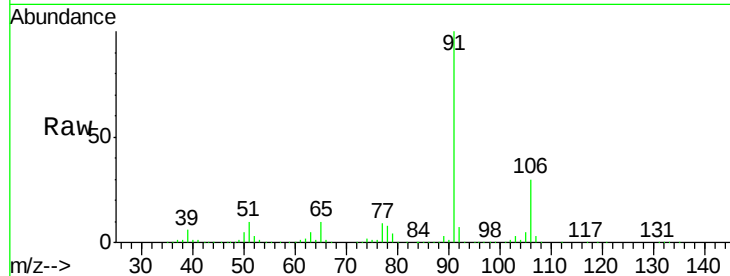
#67
Ethyl Benzene
Concen: 54.026 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 494531
Ion Ratio Lower Upper
91 100
106 29.7 25.8 38.8

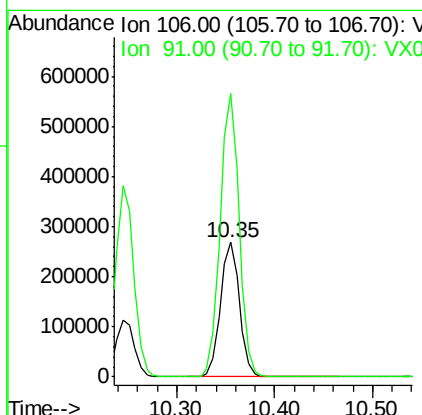
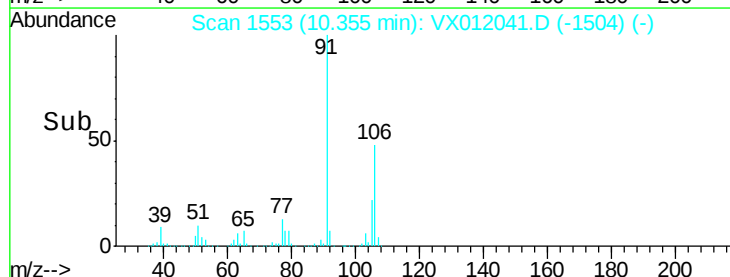
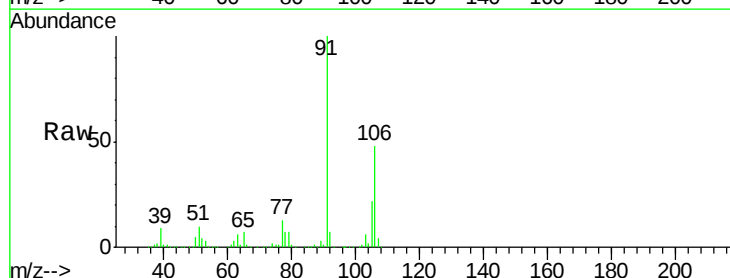
Manual Integrations
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#68
m/p-Xylenes
Concen: 107.523 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion: 106 Resp: 362623
Ion Ratio Lower Upper
106 100
91 209.7 157.5 236.3





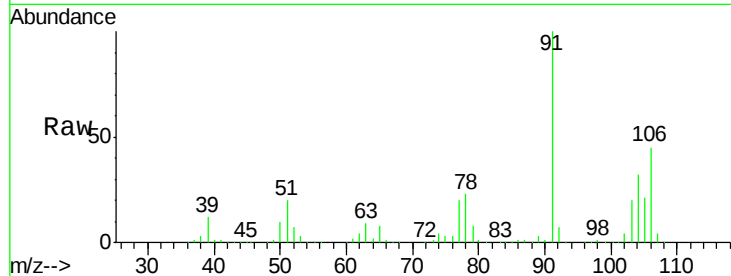
#69
o-Xylene
Concen: 52.927 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

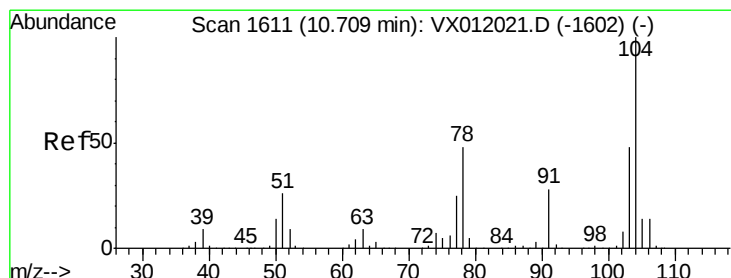
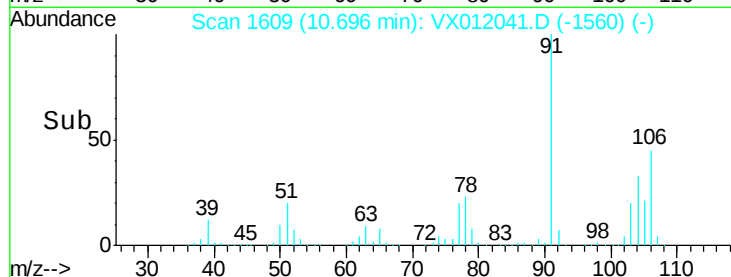
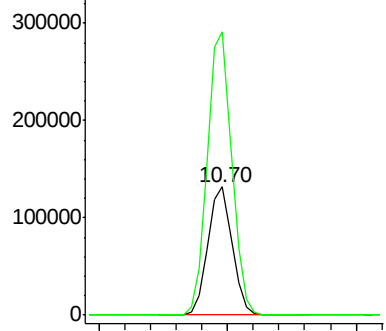
Tot Ion:106 Resp: 173087
Ion Ratio Lower Upper
106 100
91 222.6 103.5 310.3

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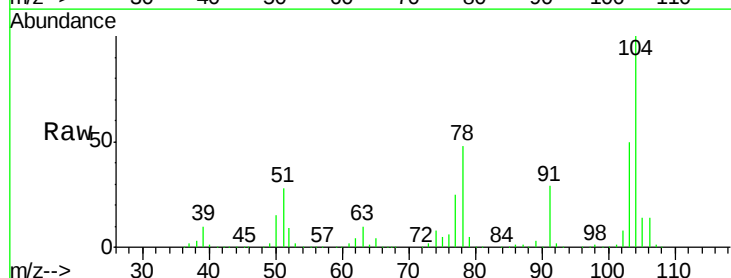


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

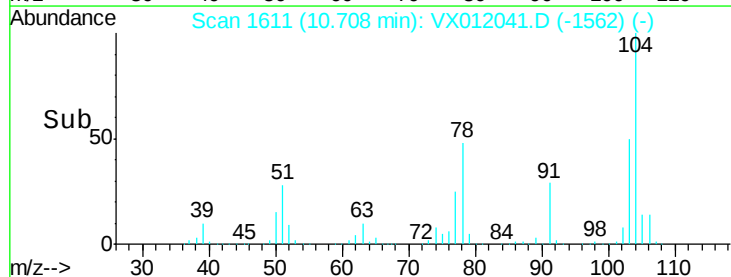
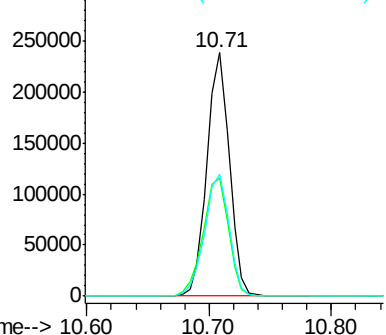


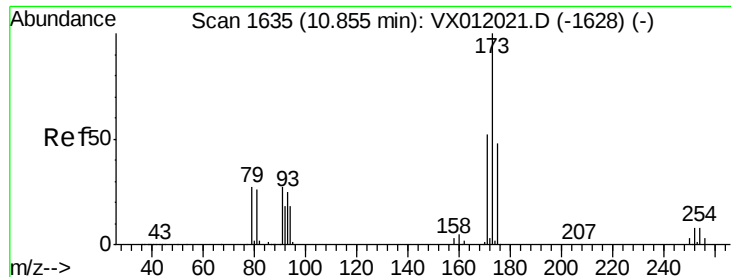
#70
Styrene
Concen: 53.082 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion:104 Resp: 301519
Ion Ratio Lower Upper
104 100
78 55.3 39.1 58.7
103 54.8 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.453 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

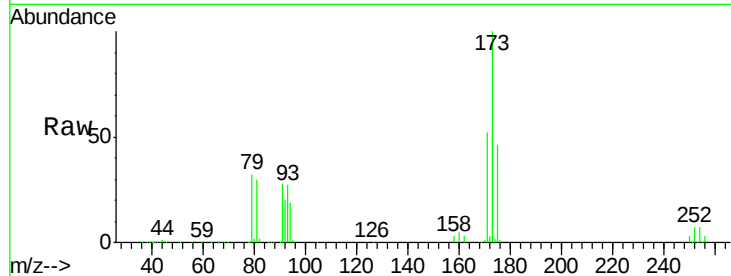
ClientSampleId :

VSTDCCC050

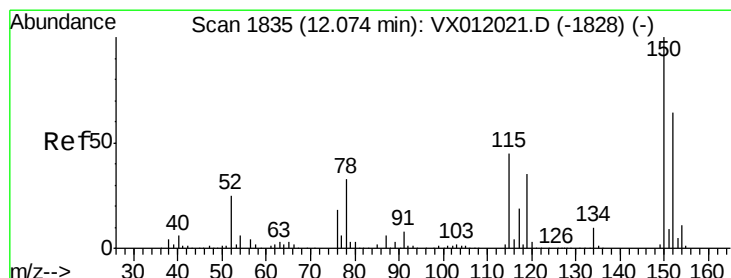
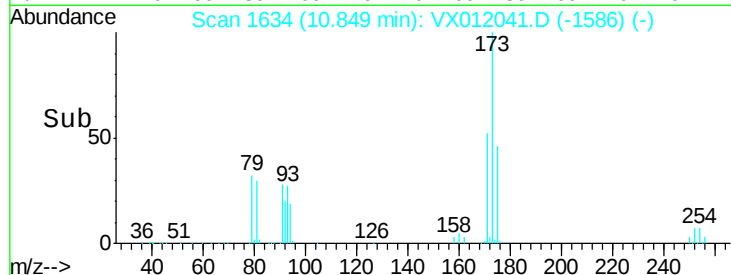
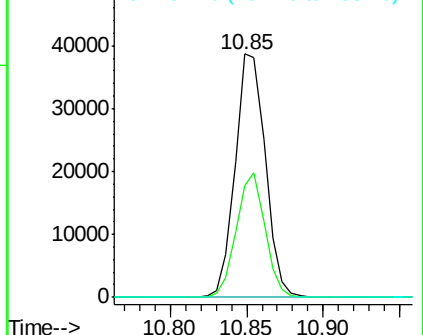
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.7
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

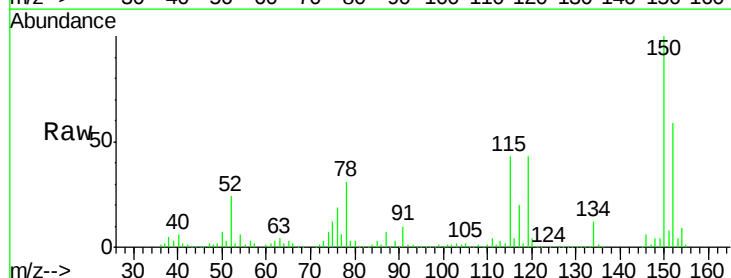
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

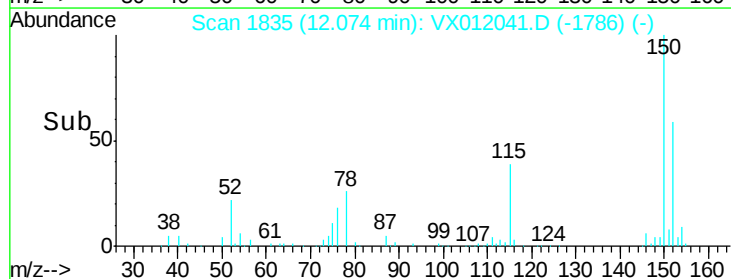
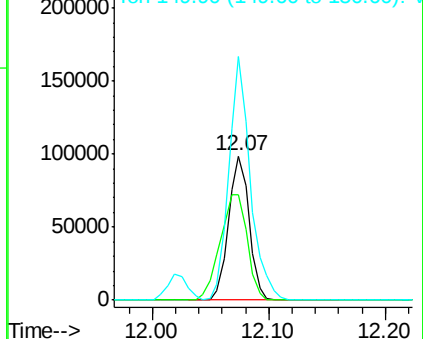
Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	95.8	36.4	109.3
150	175.9	0.0	341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





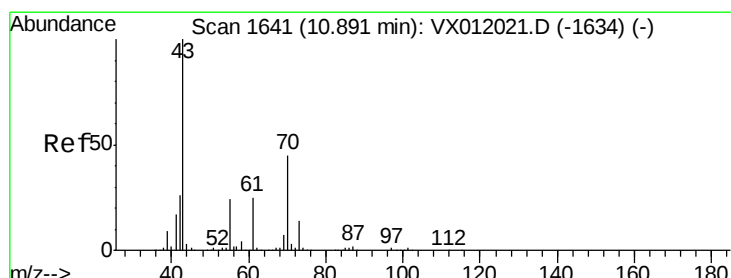
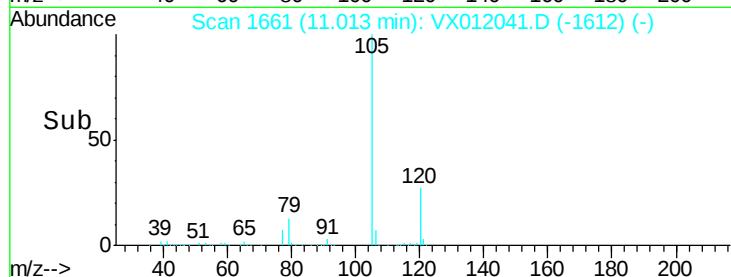
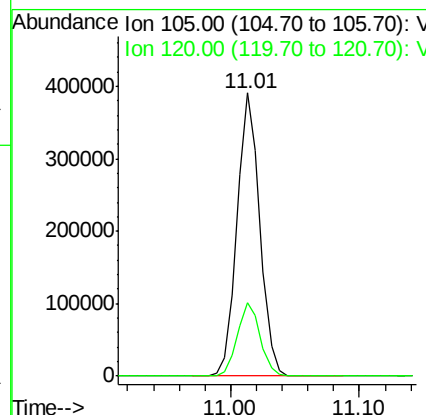
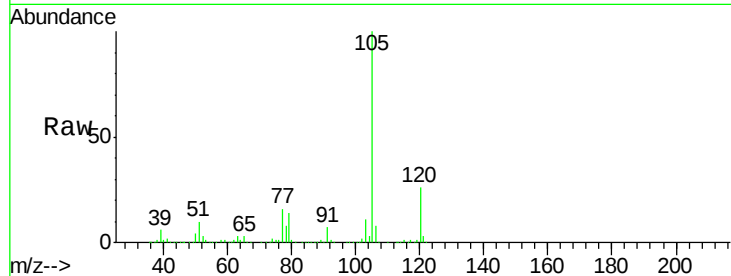
#73
Isopropylbenzene
Concen: 54.274 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.9	41.6

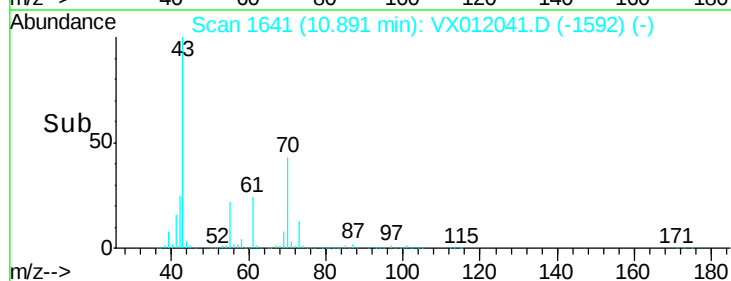
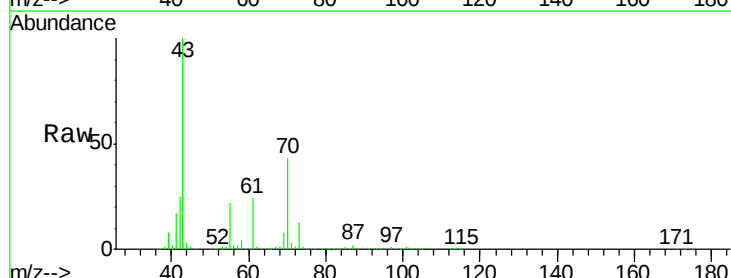
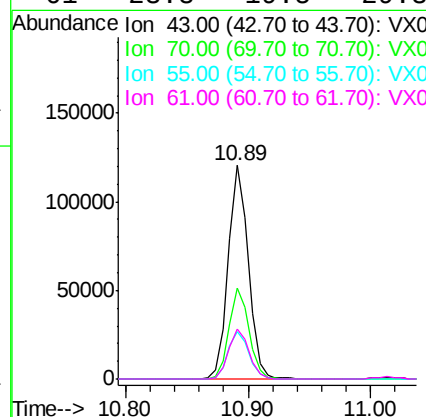
Manual Integrations
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#74
N-ethyl acetate
Concen: 52.240 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.4	34.4	51.6
55	23.2	18.5	27.7
61	23.8	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.926 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

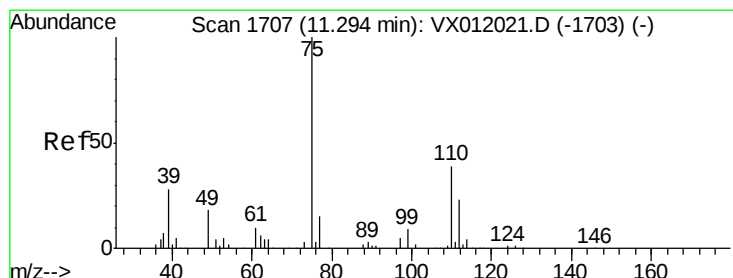
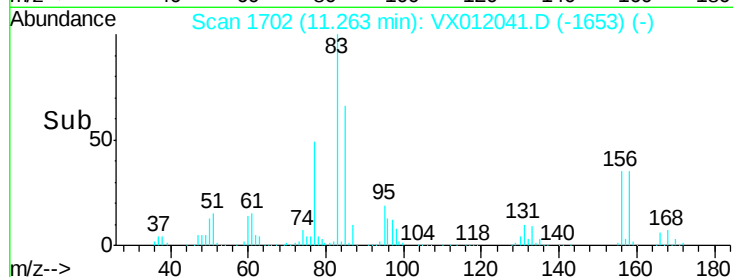
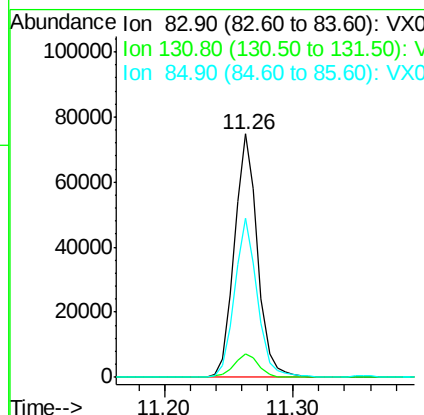
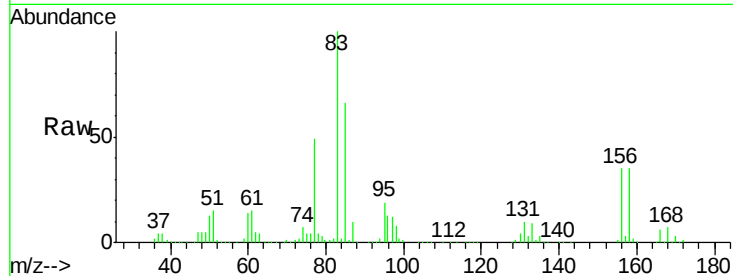
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	94273
Ion Ratio	Lower	Upper	
83	100		
131	10.2	6.3	19.1
85	64.0	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.933 ug/l m

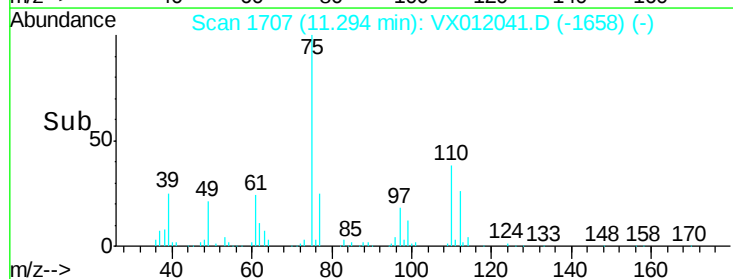
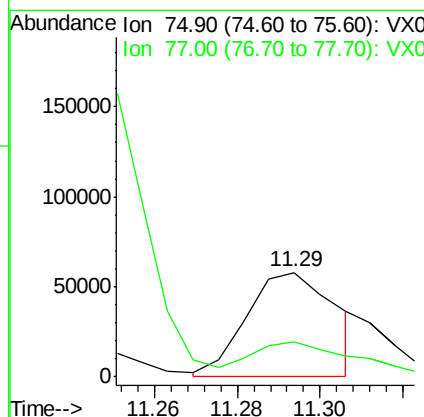
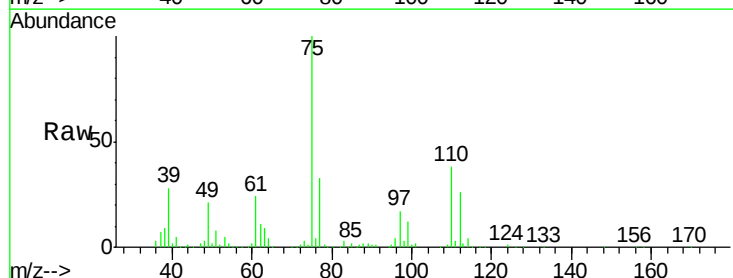
RT: 11.29 min Scan# 1707

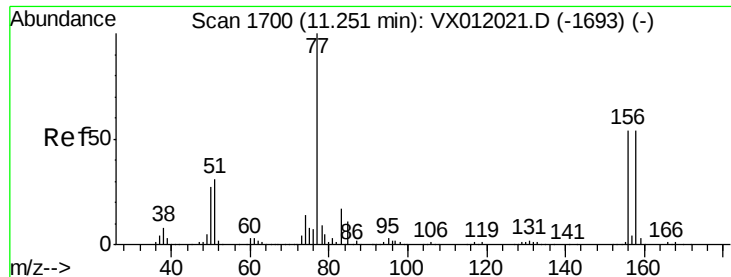
Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tgt Ion:	75	Resp:	85666
Ion Ratio	Lower	Upper	
75	100		
77	39.5	23.5	70.5





#77

Bromobenzene

Concen: 53.048 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Instrument :

MSVOA_X

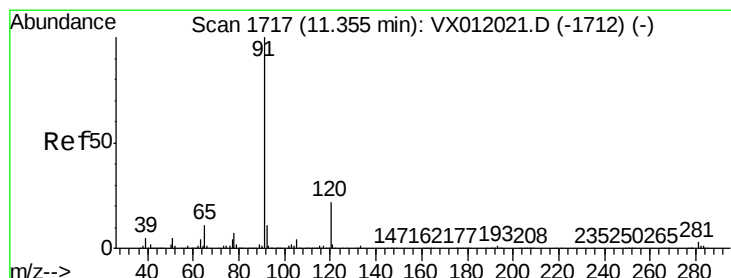
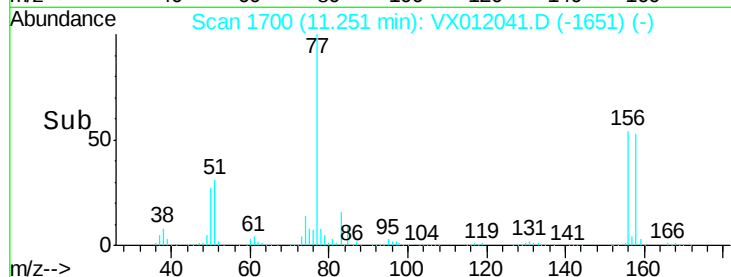
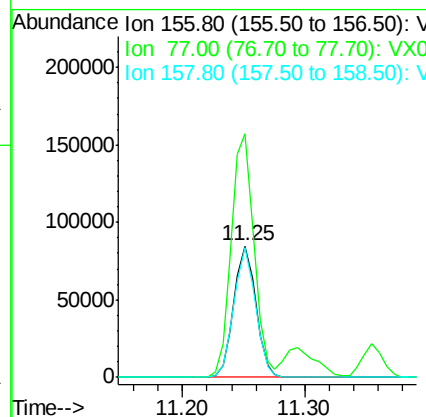
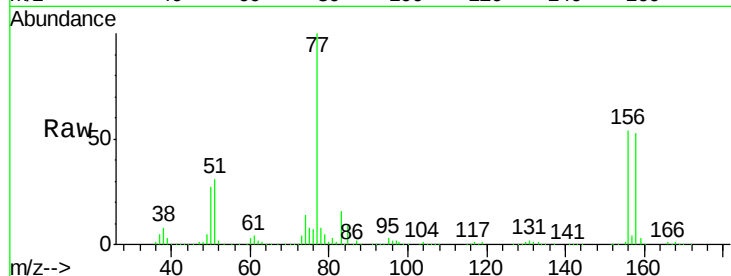
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.1	63.4	190.2#
158	97.3	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 54.902 ug/l

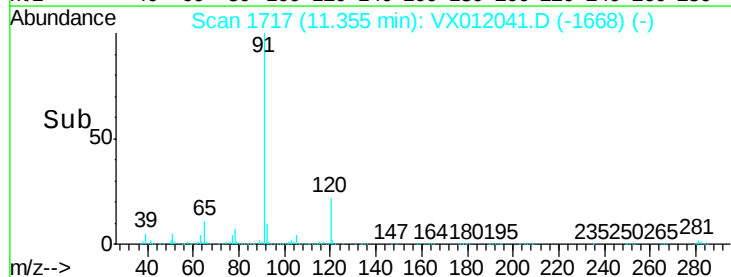
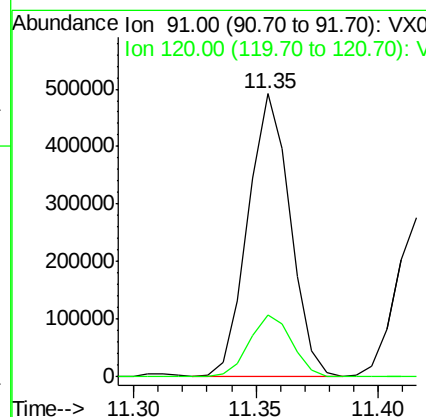
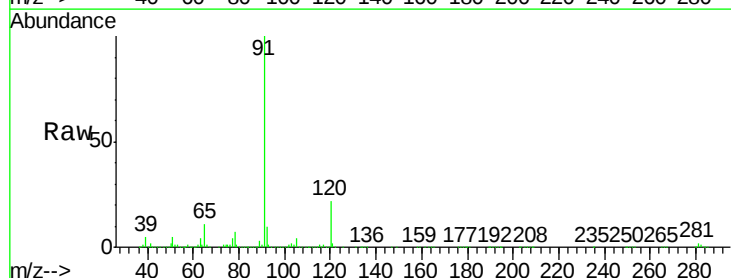
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012041.D

Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	12.7	38.0





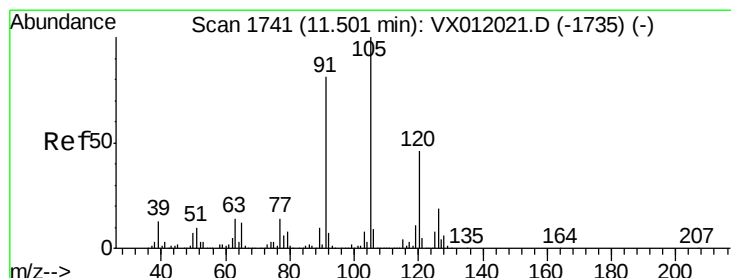
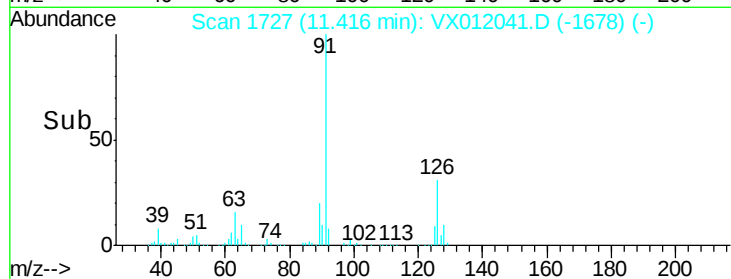
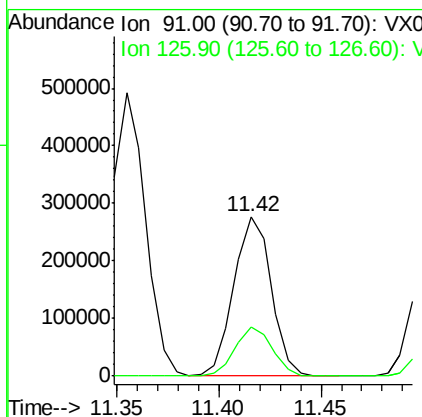
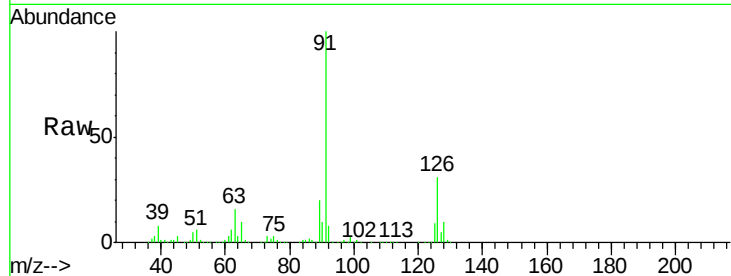
#79
 2-Chlorotoluene
 Concen: 53.675 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
126	31.1	18.6	55.8		

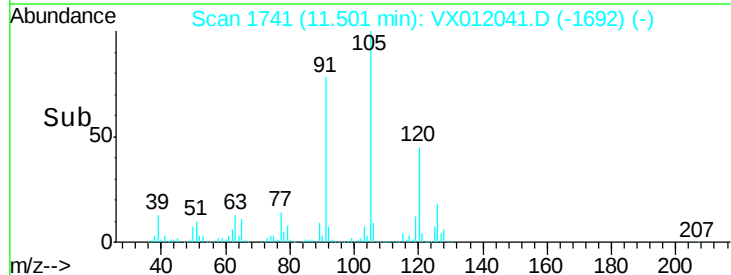
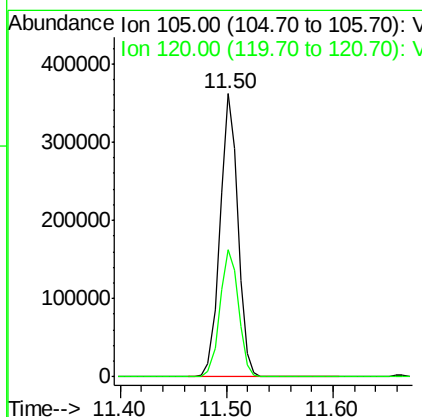
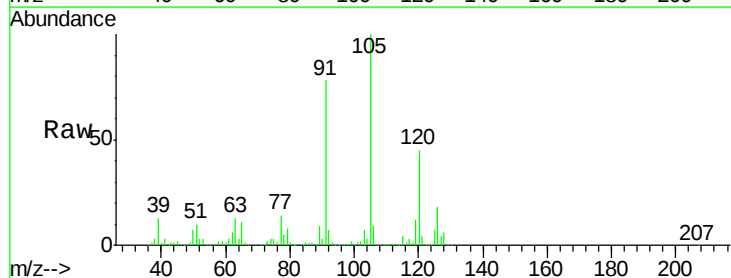
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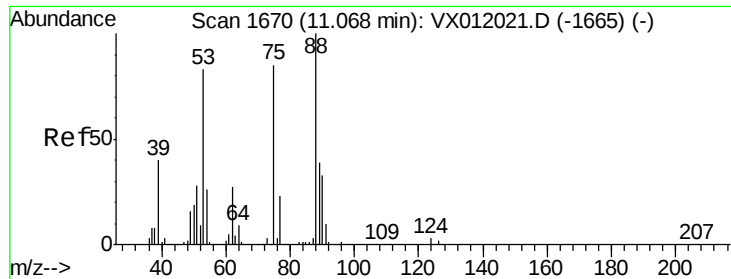
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.387 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
120	46.6	25.8	77.3		





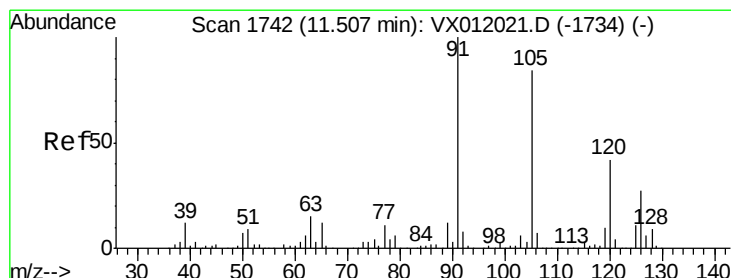
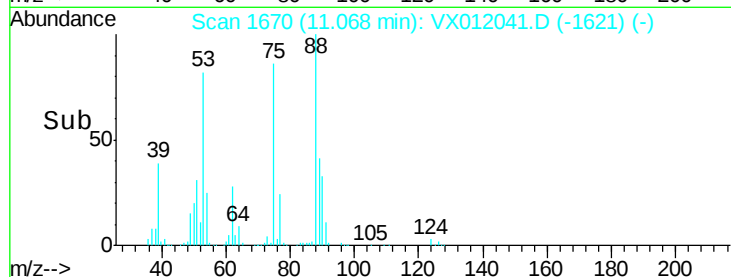
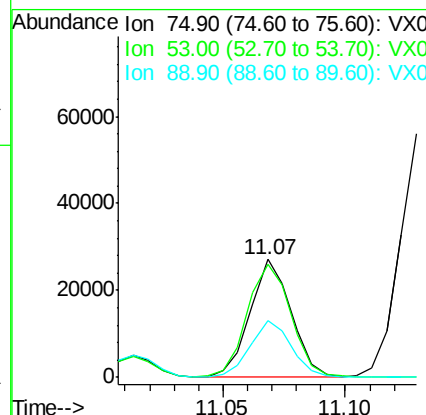
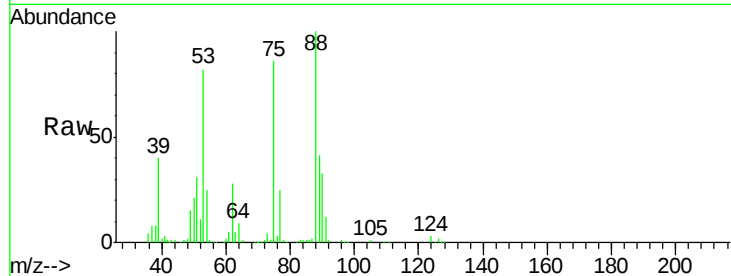
#81
trans-1,4-Dichloro-2-butene
Concen: 50.720 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.3	78.6	117.8
89	48.2	38.8	58.2

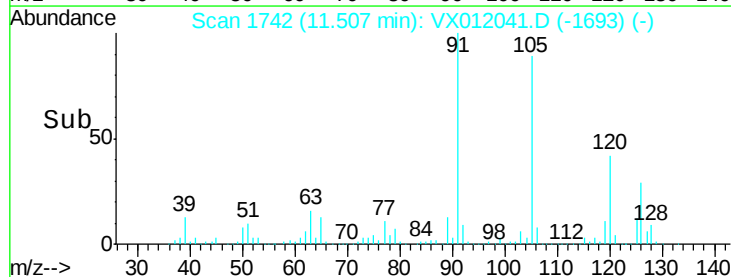
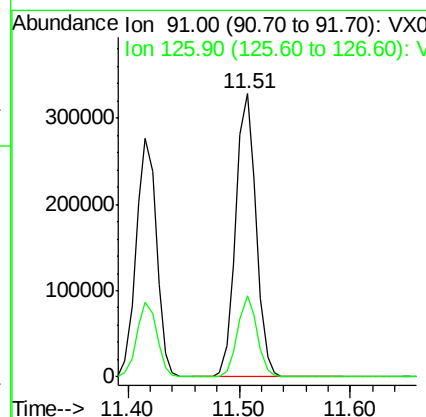
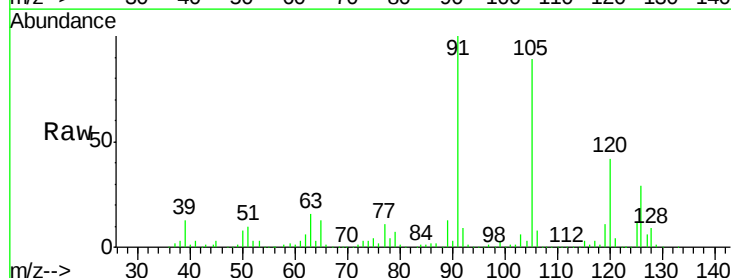
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#82
4-Chlorotoluene
Concen: 53.519 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.6	16.2	48.6





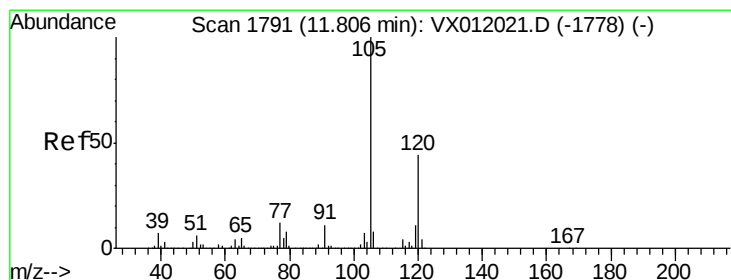
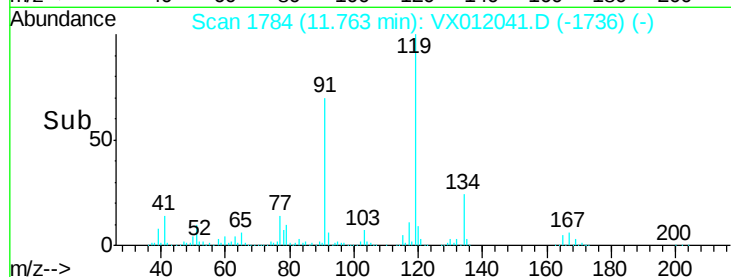
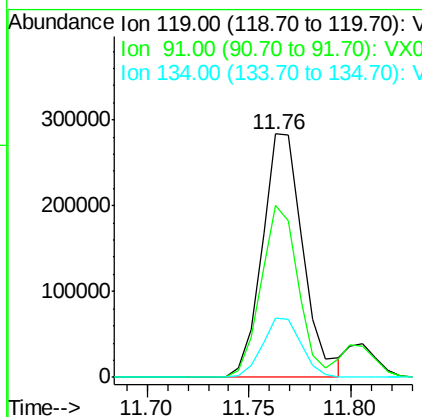
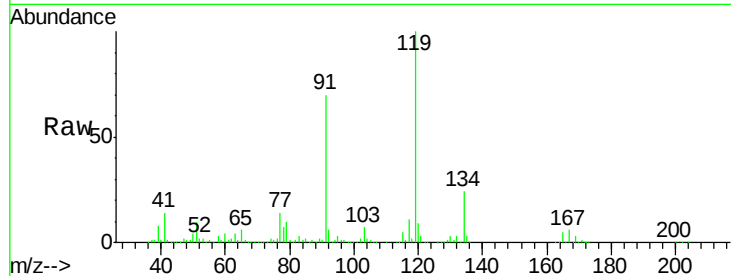
#83
tert-Butylbenzene
Concen: 53.261 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	395028		
91	64.4	27.1	81.2	
134	23.1	12.1	36.3	

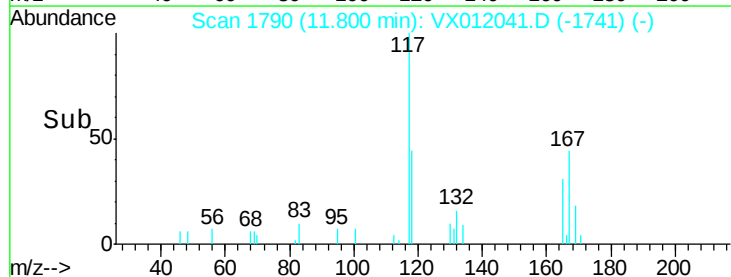
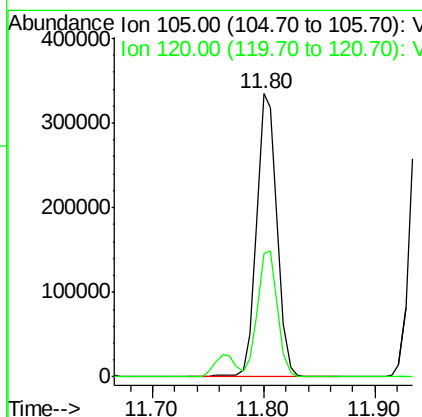
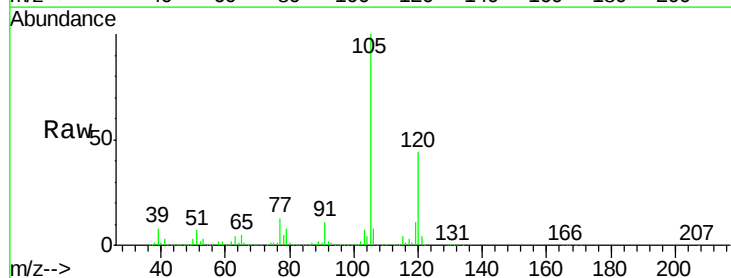
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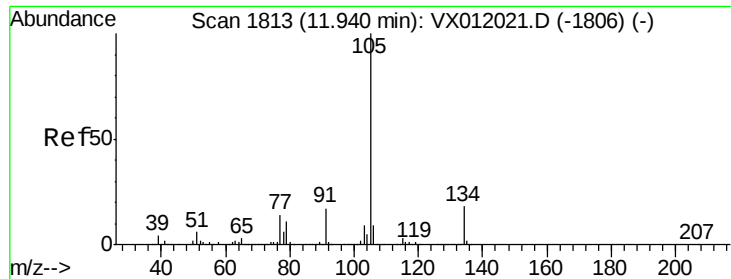
sam
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#84
1,2,4-Trimethylbenzene
Concen: 53.116 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	424808		
120	43.9	23.6	70.8	





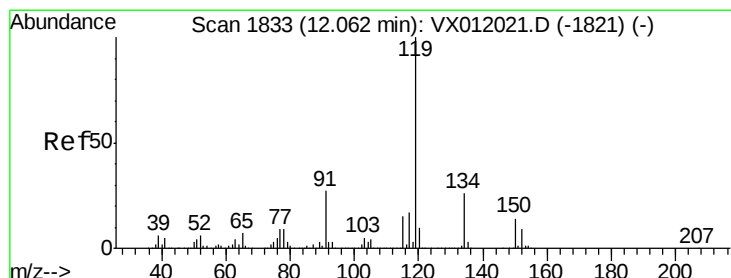
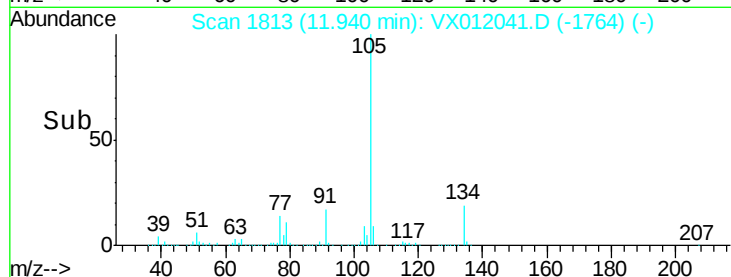
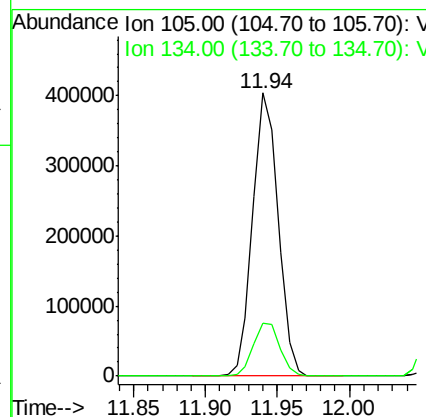
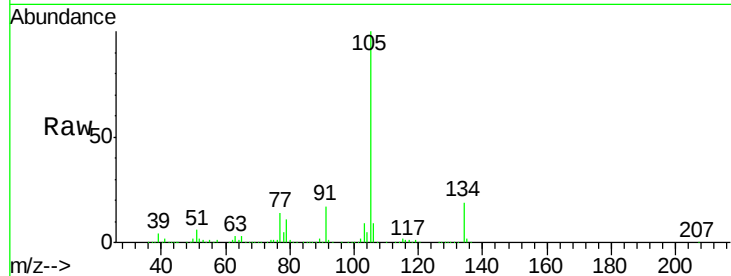
#85
 sec-Butylbenzene
 Concen: 53.382 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	11.2	33.6

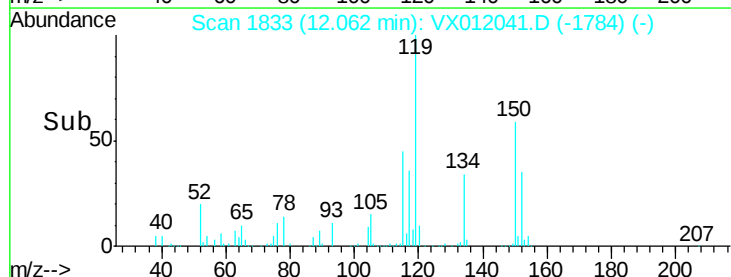
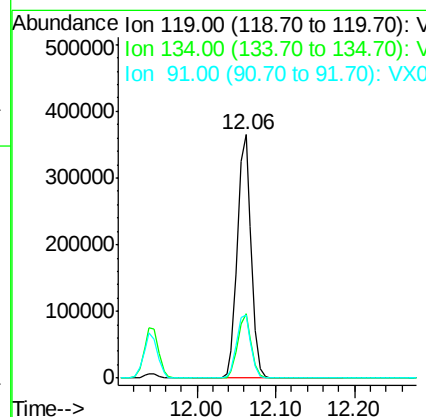
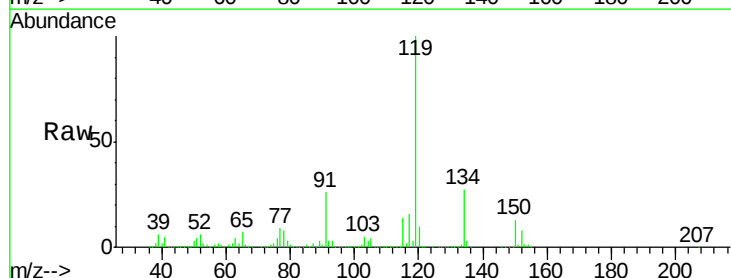
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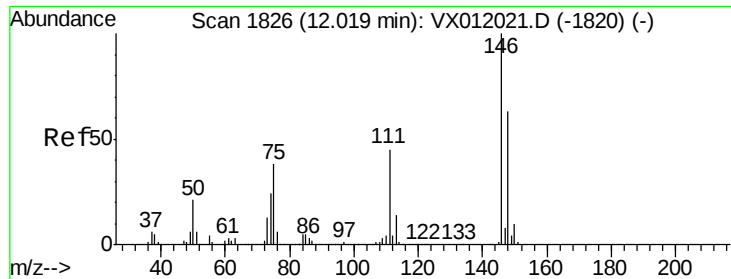
sam
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#86
 p-Isopropyltoluene
 Concen: 52.902 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.7	41.1
91	26.9	11.4	34.1





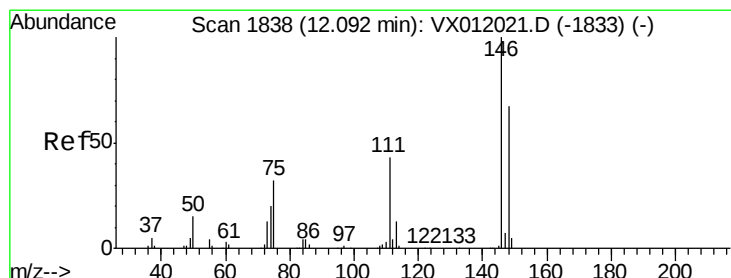
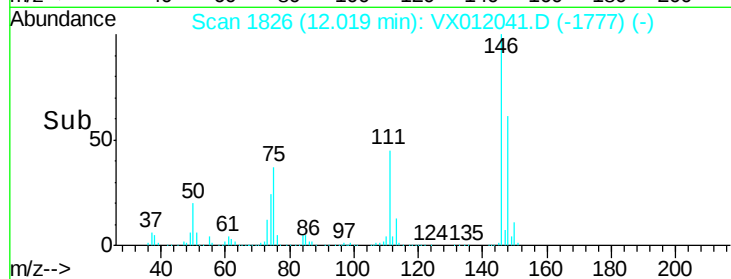
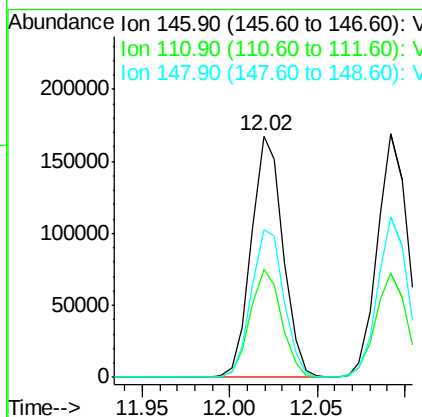
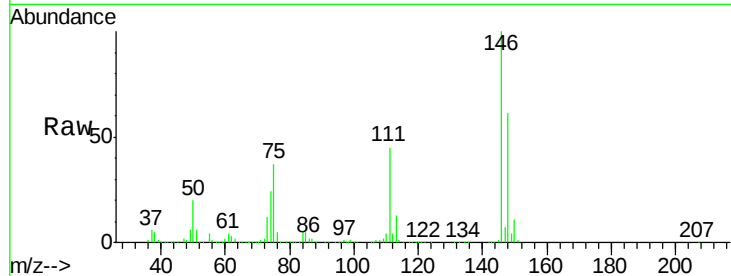
#87
 1,3-Dichlorobenzene
 Concen: 53.068 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	18.1	54.1
148	63.2	32.6	97.8

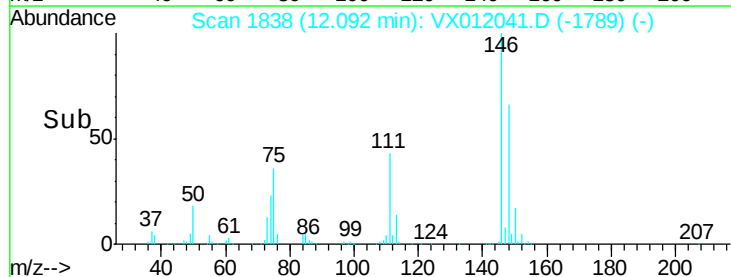
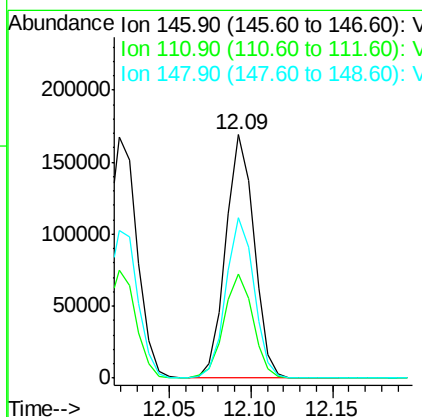
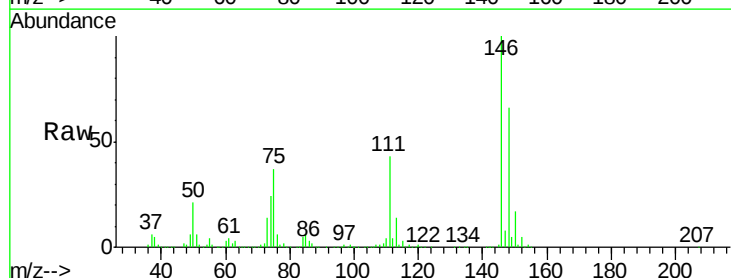
Manual Integrations
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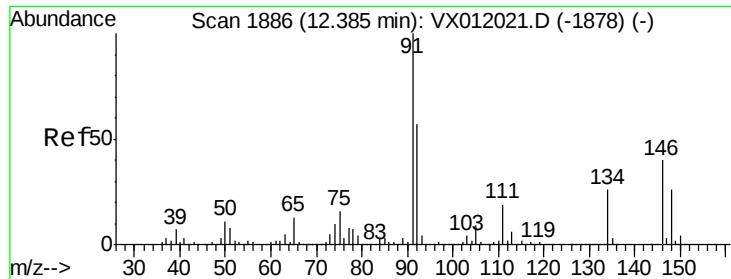
sam
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#88
 1,4-Dichlorobenzene
 Concen: 51.503 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	17.7	53.1
148	65.5	32.4	97.0





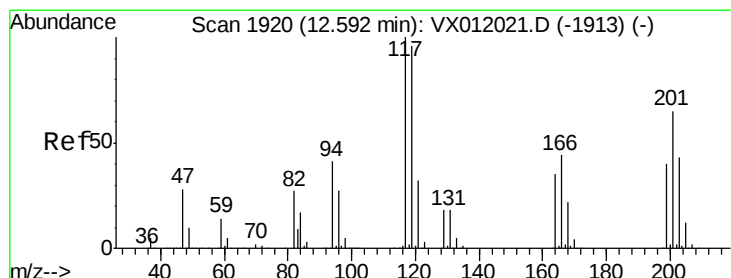
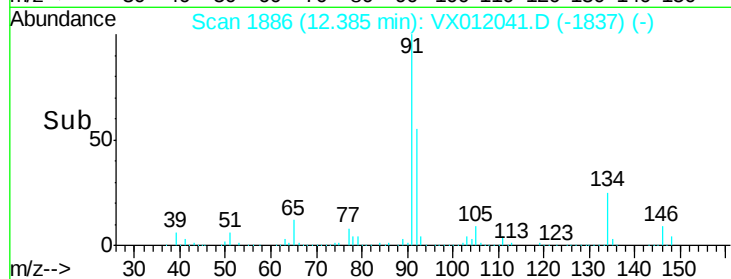
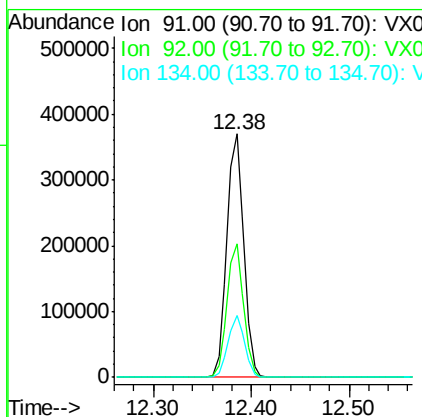
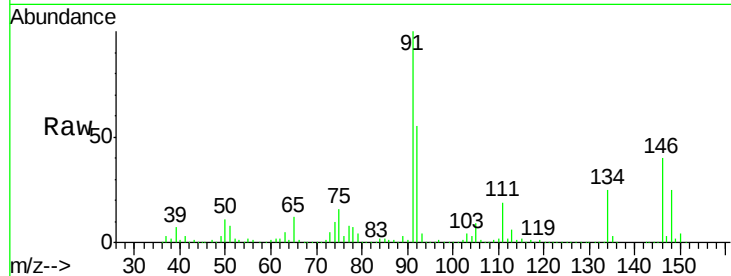
#89
n-Butylbenzene
Concen: 54.604 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.6	82.8
134	24.8	15.4	46.1

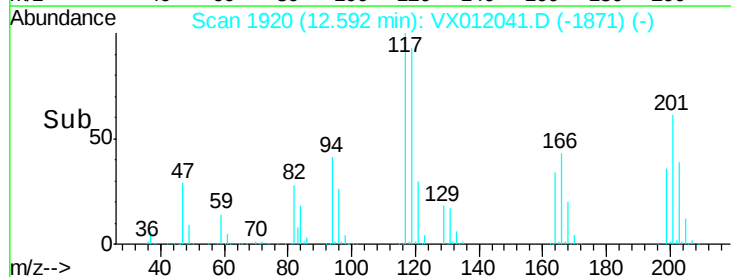
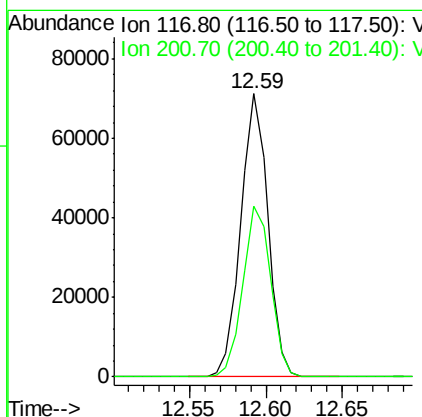
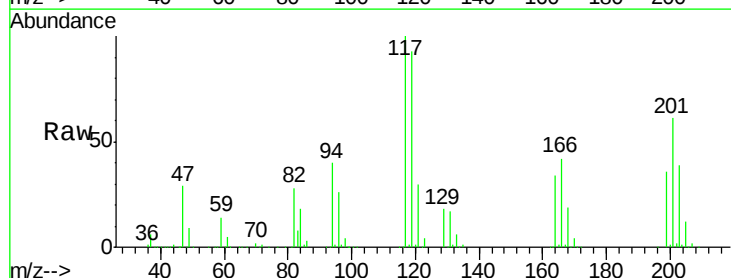
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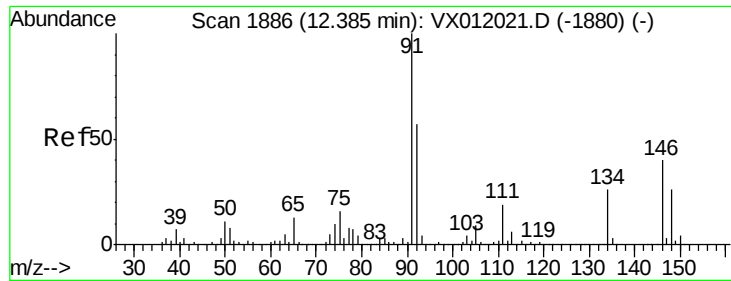
sam
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#90
Hexachloroethane
Concen: 52.197 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.3	55.0	165.2





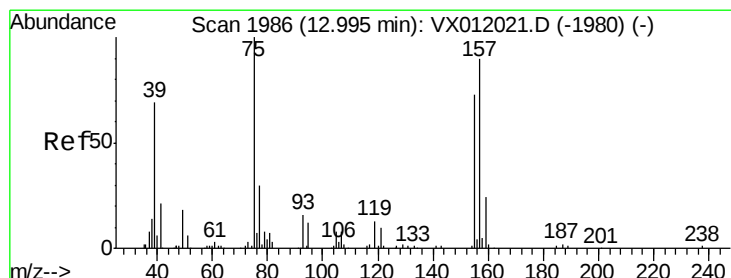
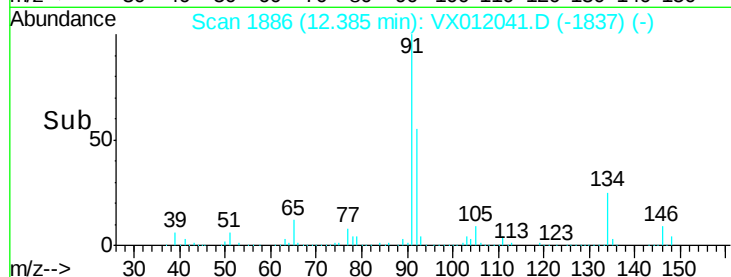
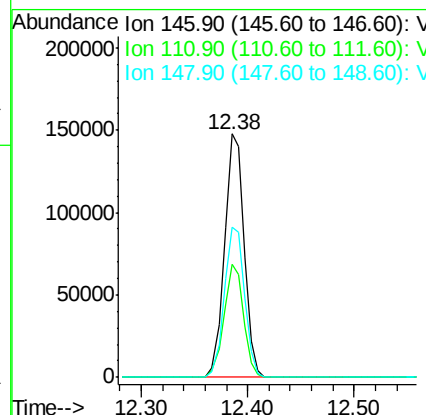
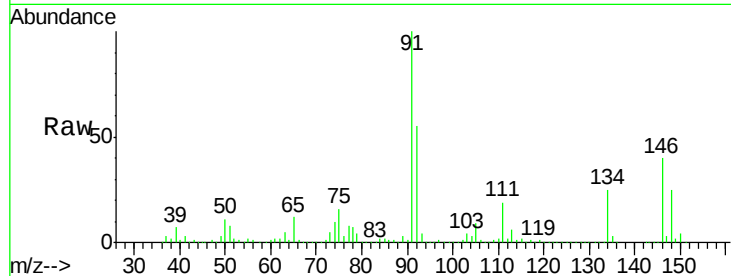
#91
 1,2-Dichlorobenzene
 Concen: 52.917 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	189654		
111	46.0	18.6	56.0	
148	63.7	32.4	97.2	

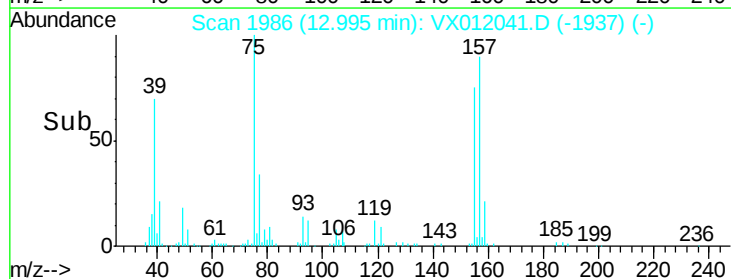
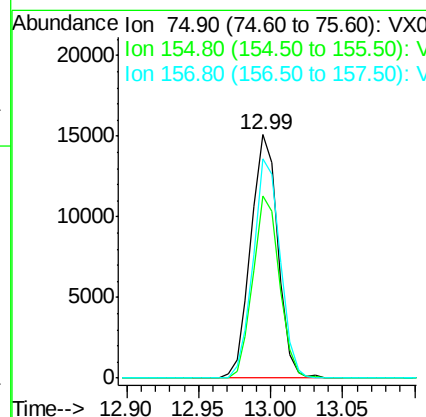
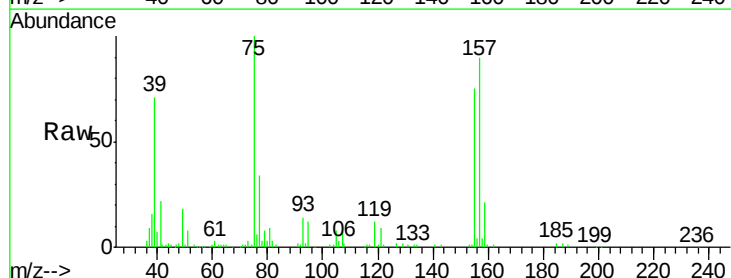
Manual Integrations
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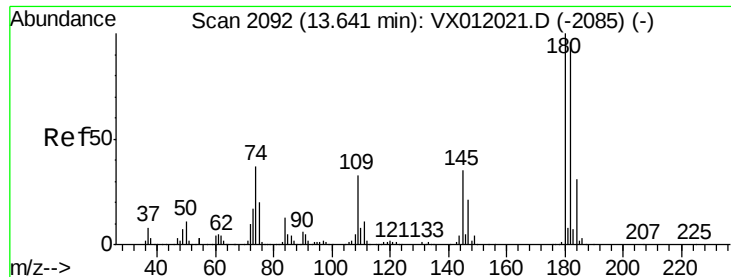
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.483 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19556		
155	72.8	51.7	155.2	
157	89.2	66.9	200.7	





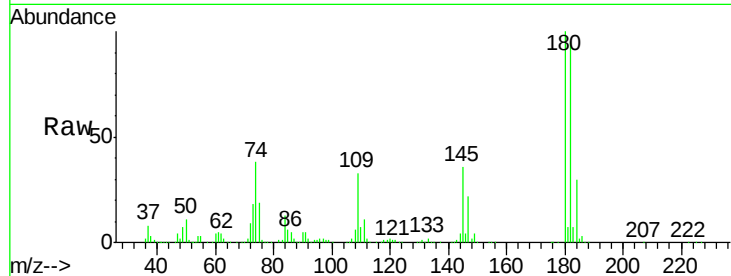
#93
 1,2,4-Trichlorobenzene
 Concen: 52.314 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

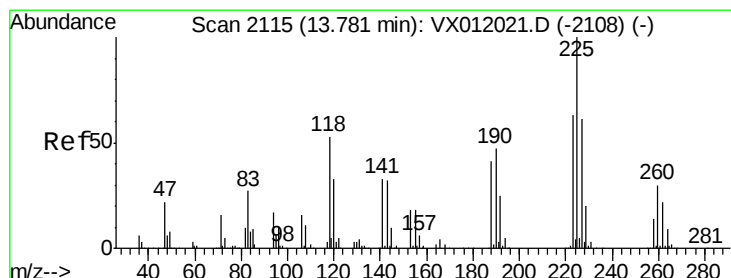
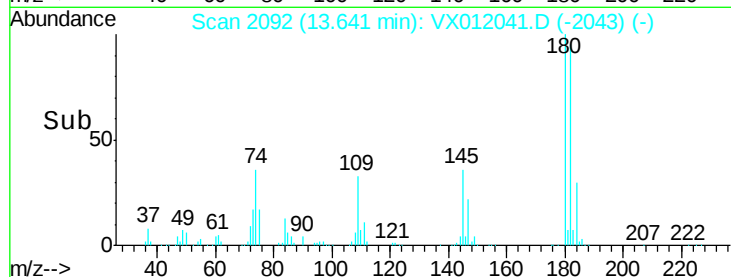
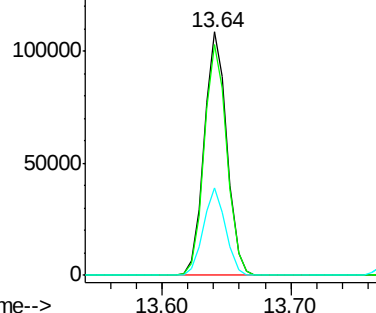
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.3	142.0	
145	35.1	13.7	41.0	

Manual Integrations
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sam
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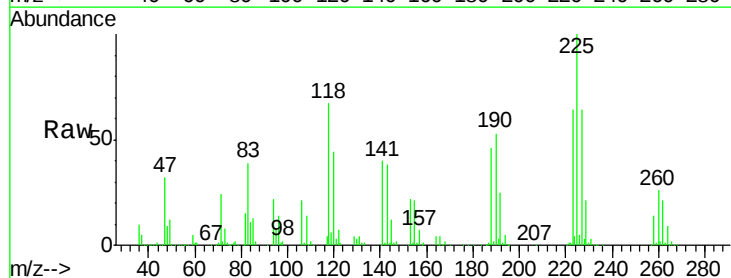


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

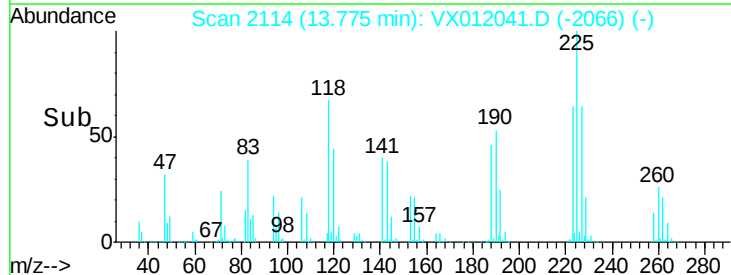
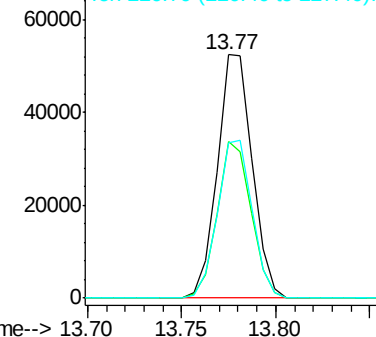


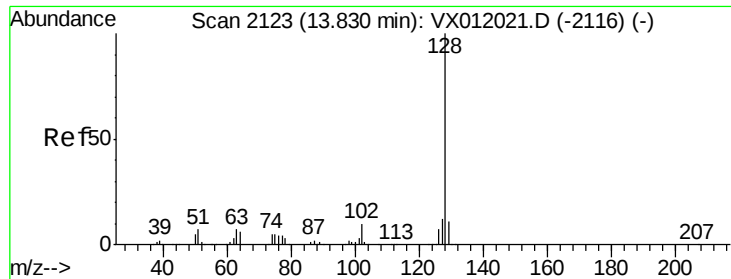
#94
 Hexachlorobutadiene
 Concen: 52.358 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012041.D
 Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.6	95.0	
227	64.5	32.5	97.5	



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





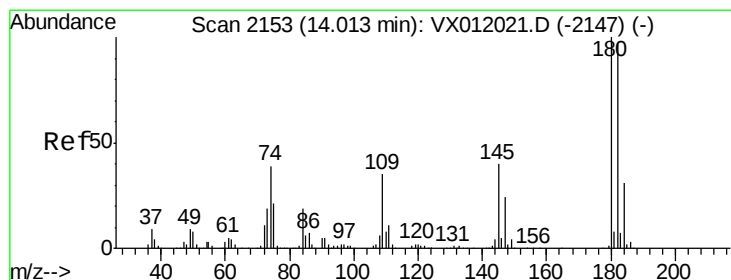
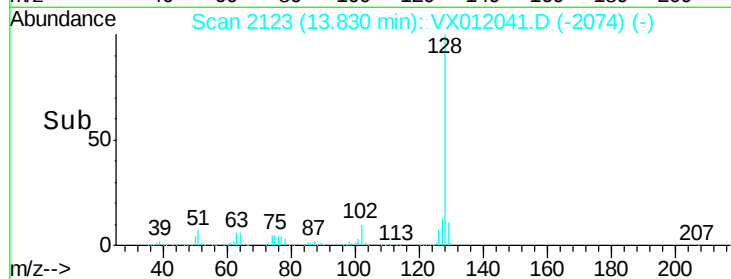
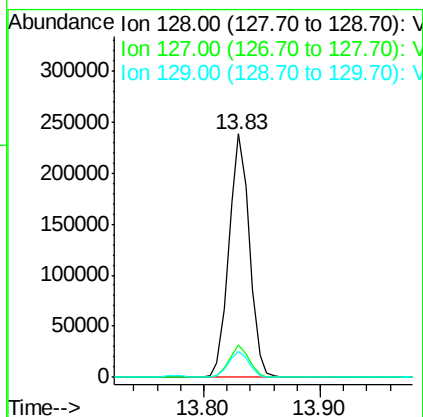
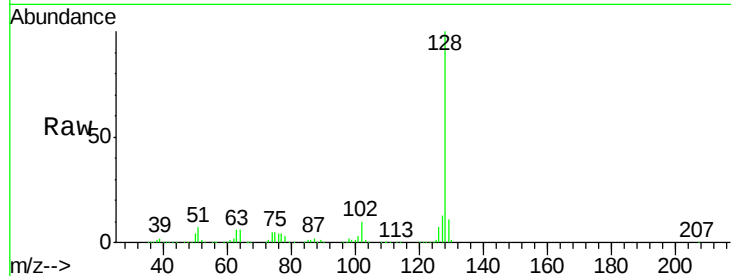
#95
Naphthalene
Concen: 52.638 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	290615		
127	12.9		10.5	15.7
129	10.7		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.796 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012041.D
Acq: 04 Sep 2019 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	118488		
182	95.4		47.9	143.6
145	37.0		14.1	42.4

