

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011695.D
 Acq On : 20 Aug 2019 19:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:36:18 AM

Quant Time: Aug 21 00:29:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	318368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	438021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	146401	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.49	113	134843	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.71	98	428852	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.13	95	181432	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	164443	52.548	ug/l	99
3) Chloromethane	1.32	50	129852	39.951	ug/l	100
4) Vinyl Chloride	1.40	62	133883	45.599	ug/l	96
5) Bromomethane	1.63	94	69120	52.539	ug/l	99
6) Chloroethane	1.71	64	74521	53.627	ug/l	98
7) Trichlorofluoromethane	1.92	101	215224	52.923	ug/l	98
8) Diethyl Ether	2.18	74	73228	52.492	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137863	49.080	ug/l	99
10) Methyl Iodide	2.50	142	164935	41.218	ug/l	99
11) Tert butyl alcohol	3.04	59	191184	263.950	ug/l	98
12) 1,1-Dichloroethene	2.36	96	132391	48.770	ug/l	98
13) Acrolein	2.29	56	53690	241.345	ug/l	100
14) Allyl chloride	2.72	41	221410	49.031	ug/l	98
15) Acrylonitrile	3.14	53	426793	257.453	ug/l	100
16) Acetone	2.43	43	368377	248.142	ug/l	99
17) Carbon Disulfide	2.56	76	295587	46.210	ug/l	98
18) Methyl Acetate	2.76	43	246658	53.574	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	469688	53.126	ug/l	99
20) Methylene Chloride	2.85	84	150867	48.401	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	142423	49.510	ug/l	98
22) Diisopropyl ether	3.85	45	461269	51.292	ug/l	98
23) Vinyl Acetate	3.81	43	1859285	261.088	ug/l	100
24) 1,1-Dichloroethane	3.69	63	255755	50.301	ug/l	99
25) 2-Butanone	4.66	43	589168	252.796	ug/l	97
26) 2,2-Dichloropropane	4.58	77	192746	50.367	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	161315	48.103	ug/l	98
28) Bromochloromethane	5.01	49	110422	49.472	ug/l	99
29) Tetrahydrofuran	5.12	42	366160	239.506	ug/l	98
30) Chloroform	5.20	83	271828	50.658	ug/l	99
31) Cyclohexane	5.57	56	216160	49.377	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	240535	52.132	ug/l	99
36) 1,1-Dichloropropene	5.79	75	190052	50.748	ug/l	99
37) Ethyl Acetate	4.82	43	220084	51.094	ug/l	100
38) Carbon Tetrachloride	5.77	117	213855	51.831	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229311	49.582	ug/l	99
40) Benzene	6.13	78	572887	49.225	ug/l	99
41) Methacrylonitrile	5.03	41	125981	53.141	ug/l	97
42) 1,2-Dichloroethane	6.19	62	216958	53.807	ug/l	99
43) Isopropyl Acetate	6.44	43	329339	48.992	ug/l	99
44) Trichloroethene	7.21	130	171321	49.623	ug/l	96
45) 1,2-Dichloropropane	7.51	63	144449	49.769	ug/l	98
46) Dibromomethane	7.66	93	105581	50.058	ug/l	97
47) Bromodichloromethane	7.89	83	199430	51.497	ug/l	99
48) Methyl methacrylate	7.77	41	169637	50.957	ug/l	96
49) 1,4-Dioxane	7.73	88	91893	1037.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1159387	263.494	ug/l	100
52) Toluene	8.78	92	375156	50.598	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	215431	53.600	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	230104	52.314	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	159457	50.573	ug/l	99
56) Ethyl methacrylate	9.18	69	243684	53.175	ug/l	99
57) 1,3-Dichloropropane	9.37	76	247051	49.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	573669	251.237	ug/l	100
59) 2-Hexanone	9.49	43	882281	260.020	ug/l	99
60) Dibromochloromethane	9.58	129	178344	54.289	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173646	51.603	ug/l	100
64) Tetrachloroethene	9.34	164	166548	50.407	ug/l	98
65) Chlorobenzene	10.13	112	430089	50.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	165975	51.700	ug/l	100
67) Ethyl Benzene	10.25	91	732924	51.130	ug/l	100
68) m/p-Xylenes	10.35	106	569395	103.483	ug/l	97
69) o-Xylene	10.69	106	263967	48.976	ug/l	99
70) Styrene	10.71	104	452768	49.902	ug/l	99
71) Bromoform	10.85	173	133865	43.376	ug/l #	99
73) Isopropylbenzene	11.02	105	735311	50.237	ug/l	98
74) N-amyl acetate	10.90	43	295030	47.431	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	246699	48.995	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	212485m	49.677	ug/l	
77) Bromobenzene	11.25	156	211552	48.580	ug/l	97
78) n-propylbenzene	11.36	91	818199	51.840	ug/l	99
79) 2-Chlorotoluene	11.42	91	494053	50.978	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	638187	51.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69764	44.705	ug/l	94
82) 4-Chlorotoluene	11.51	91	582994	51.851	ug/l	98
83) tert-Butylbenzene	11.77	119	610754	48.772	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	633042	51.284	ug/l	100
85) sec-Butylbenzene	11.94	105	728434	51.557	ug/l	100
86) p-Isopropyltoluene	12.06	119	703211	52.906	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	376557	50.307	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	379214	49.986	ug/l	100
89) n-Butylbenzene	12.38	91	579987	53.075	ug/l	98
90) Hexachloroethane	12.59	117	108988	51.925	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	371452	49.436	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59665	51.795	ug/l	95

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VSTDCCC050

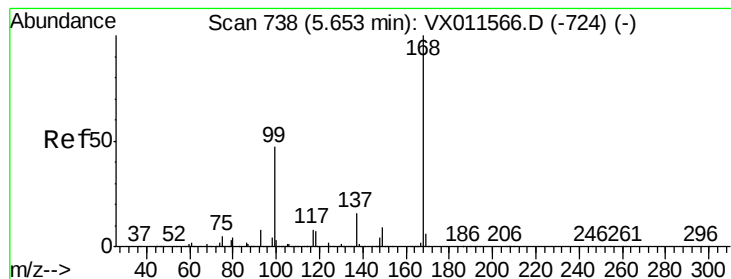
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293421	52.410	ug/l	99
94) Hexachlorobutadiene	13.78	225	150205	49.271	ug/l	97
95) Naphthalene	13.83	128	875373	55.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297933	52.761	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 318368

Ion Ratio Lower Upper

168 100

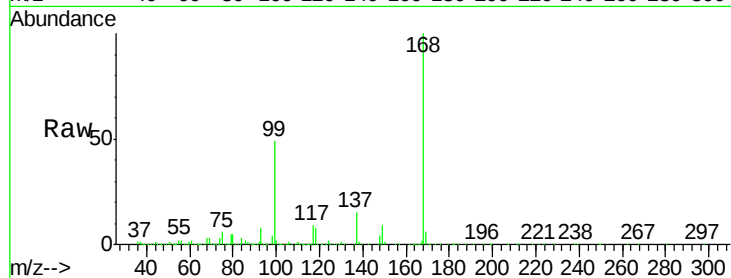
99 48.9 37.3 55.9

Manual Integrations

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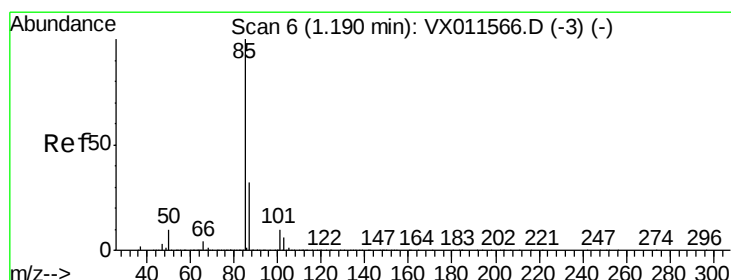
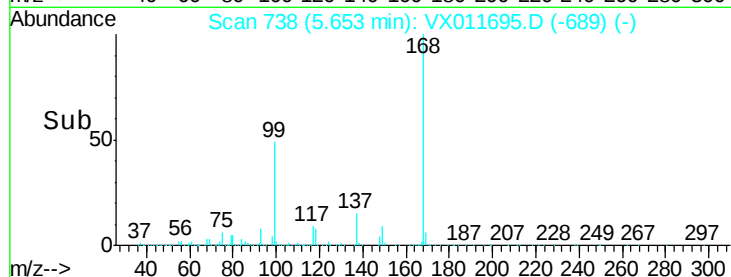
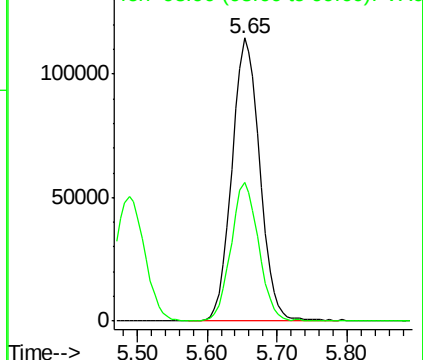
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.548 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011695.D

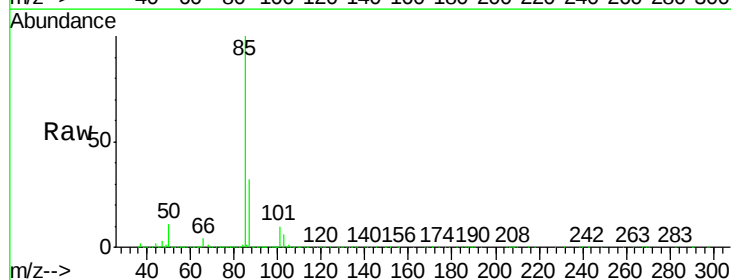
Acq: 20 Aug 2019 19:43

Tgt Ion: 85 Resp: 164443

Ion Ratio Lower Upper

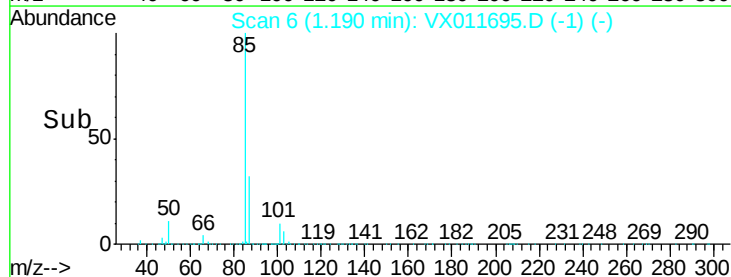
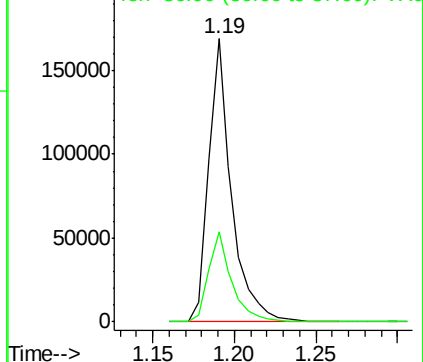
85 100

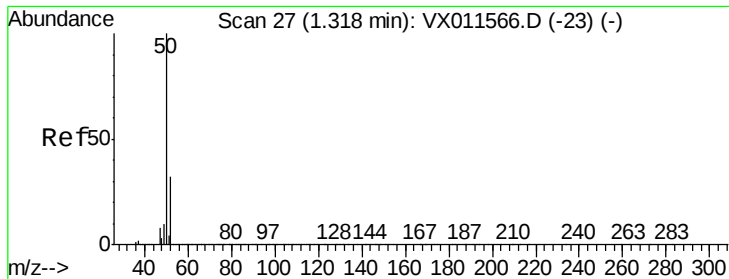
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.951 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 129852

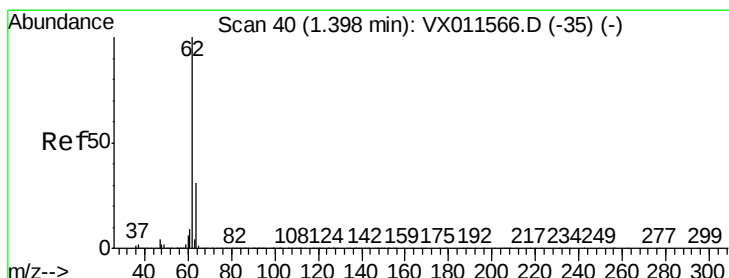
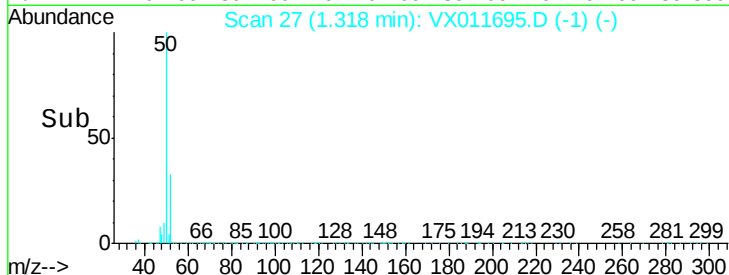
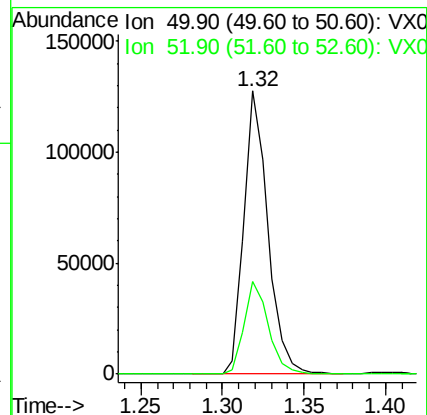
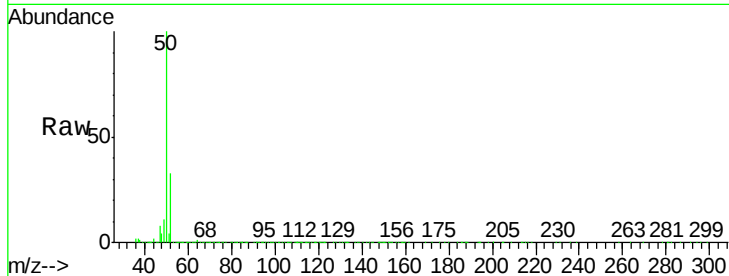
Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 45.599 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011695.D

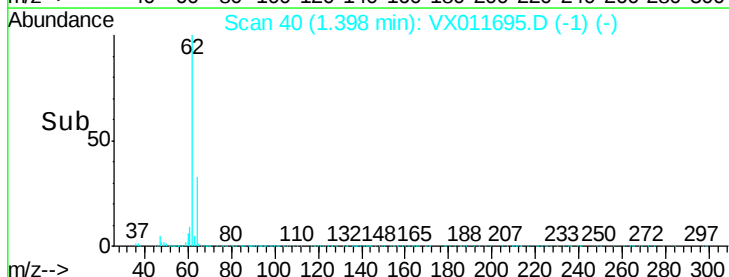
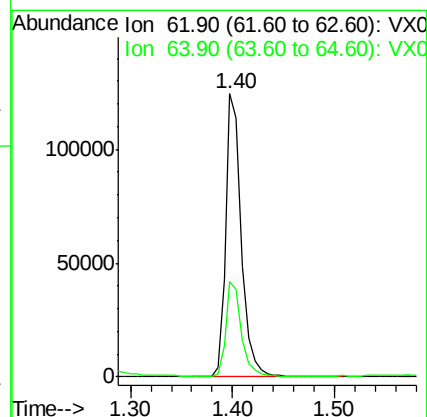
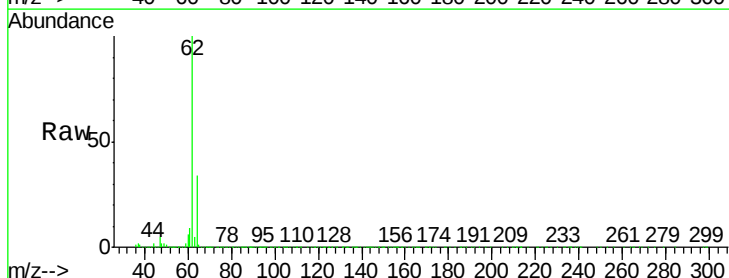
Acq: 20 Aug 2019 19:43

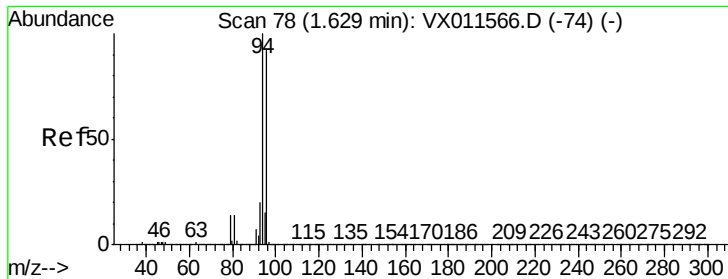
Tgt Ion: 62 Resp: 133883

Ion Ratio Lower Upper

62 100

64 33.2 25.0 37.4





#5

Bromomethane

Concen: 52.539 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69120

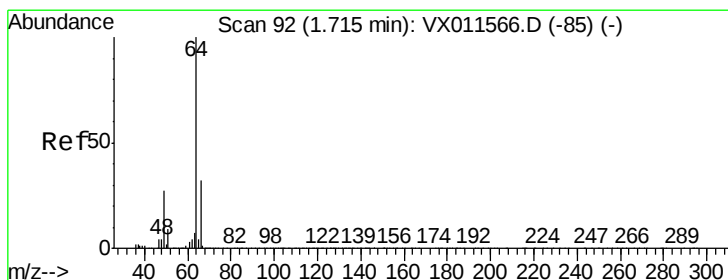
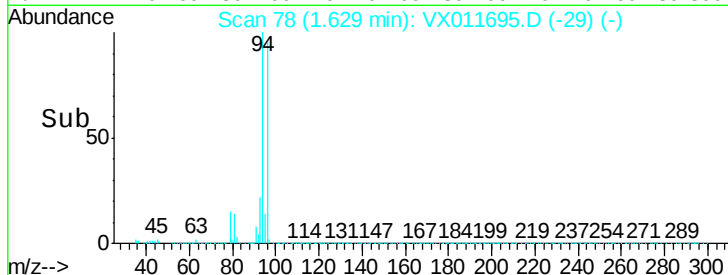
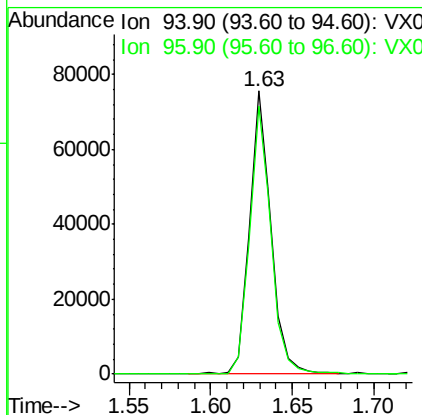
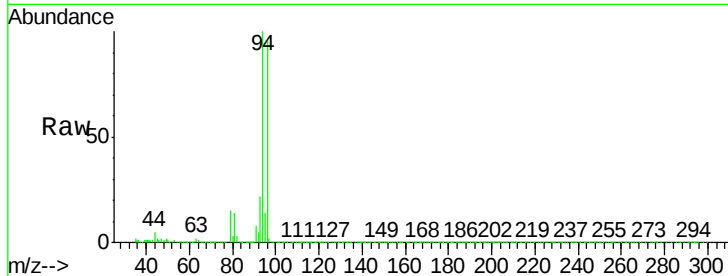
Ion Ratio Lower Upper

94 100

96 94.7 74.8 112.2

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#6

Chloroethane

Concen: 53.627 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011695.D

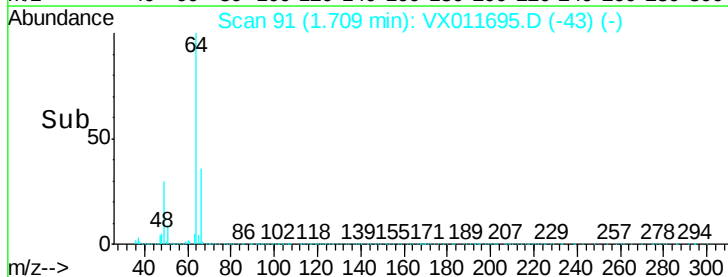
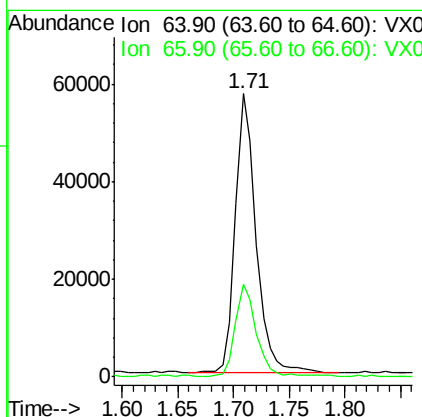
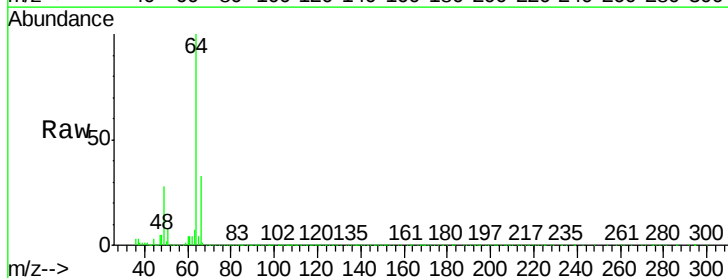
Acq: 20 Aug 2019 19:43

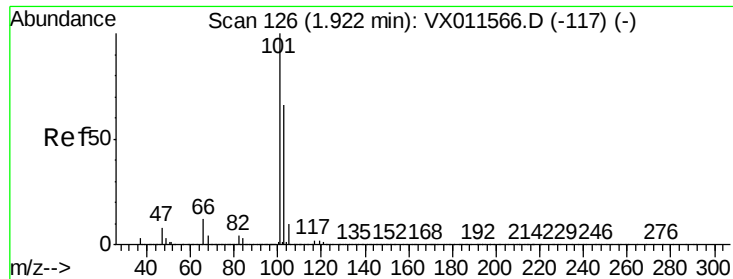
Tgt Ion: 64 Resp: 74521

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9





#7

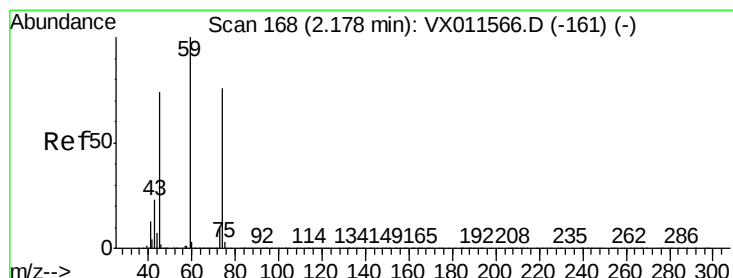
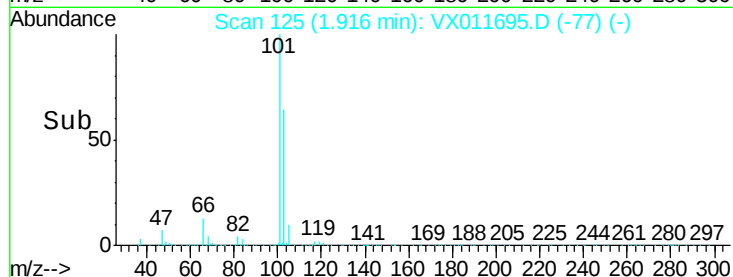
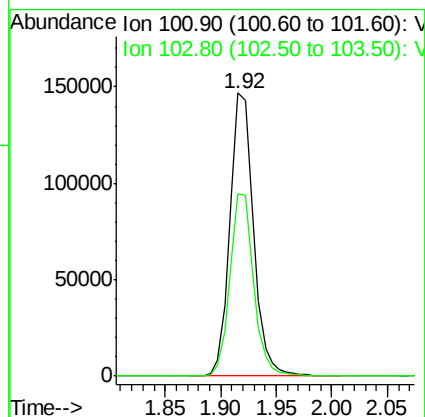
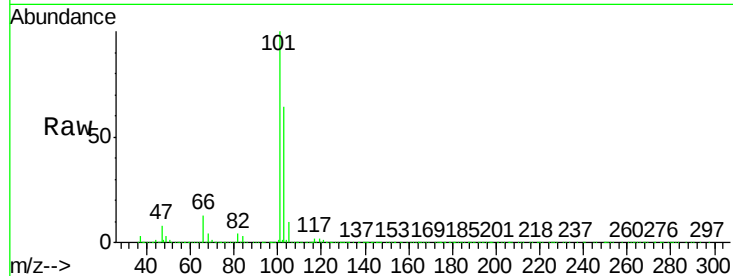
Trichlorofluoromethane
Concen: 52.923 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

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VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.2	52.9	79.3	

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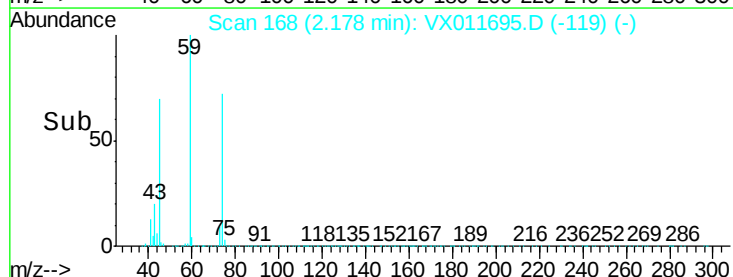
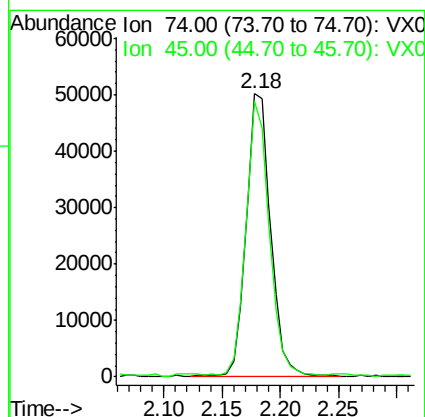
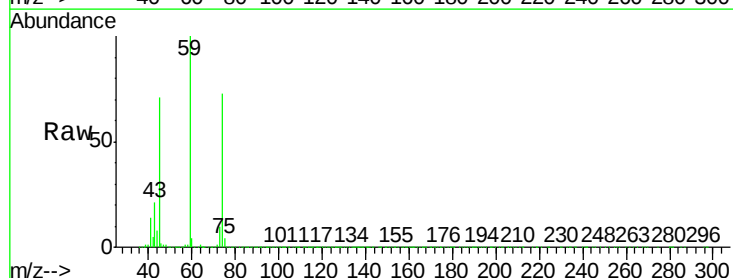
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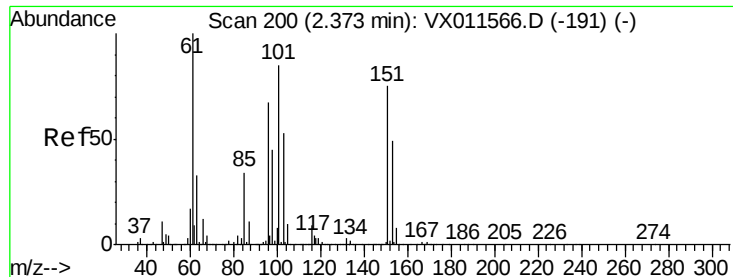


#8

Diethyl Ether
Concen: 52.492 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	92.9	48.2	144.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.080 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

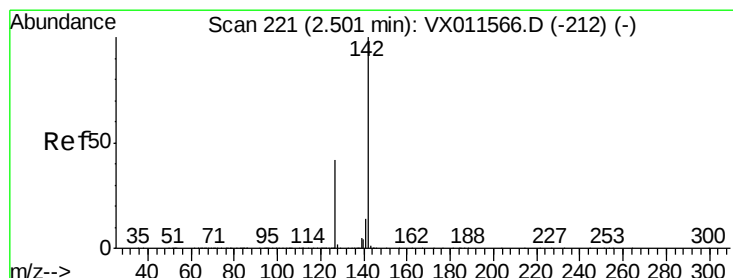
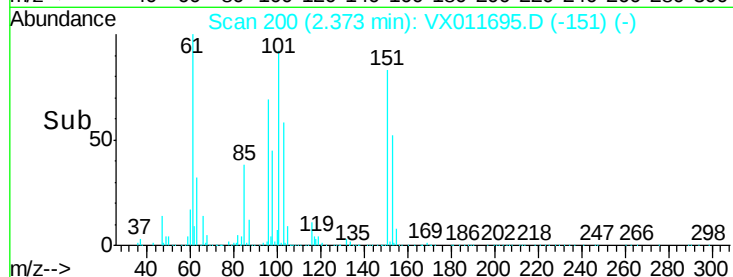
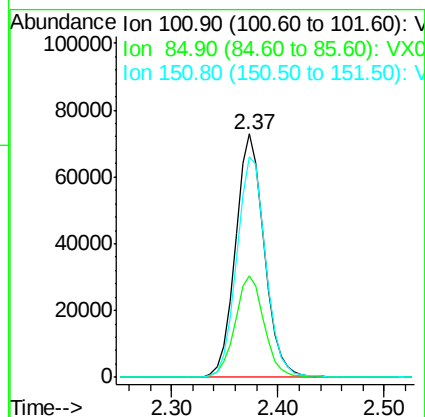
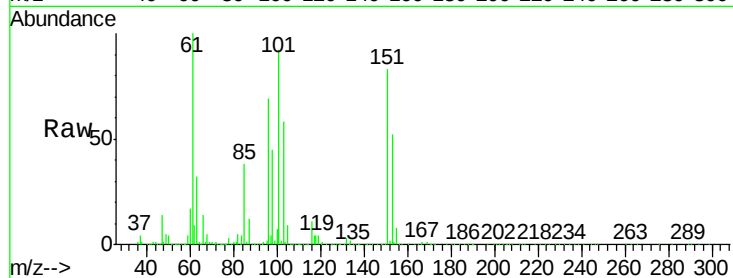
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	137863
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.0	49.4
151	92.1	73.3	109.9

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#10

Methyl Iodide

Concen: 41.218 ug/l

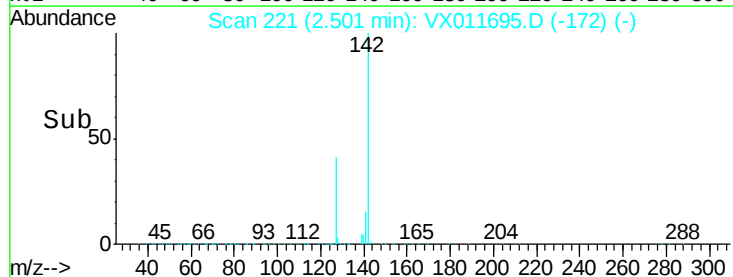
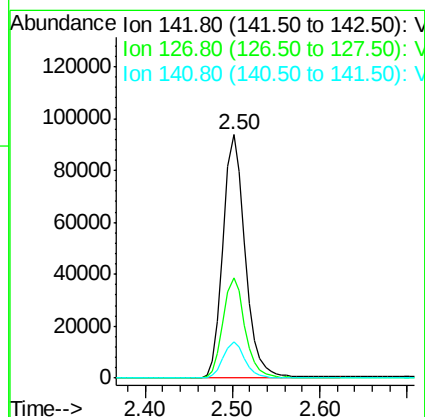
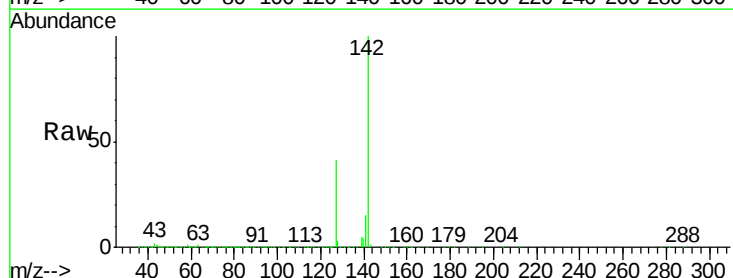
RT: 2.50 min Scan# 221

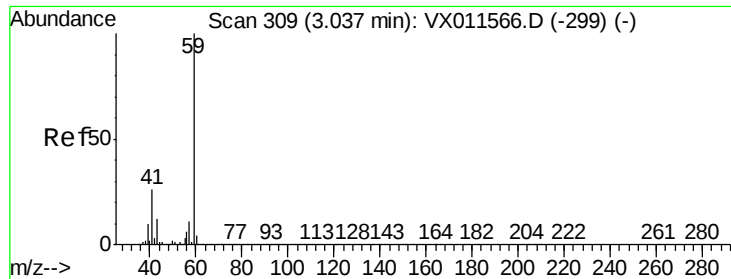
Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	142	Resp:	164935
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.8	49.2
141	14.7	11.4	17.2





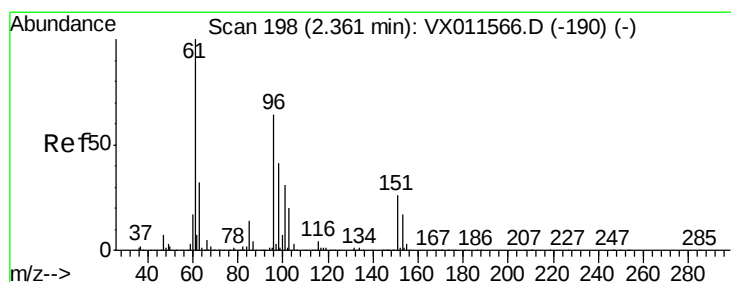
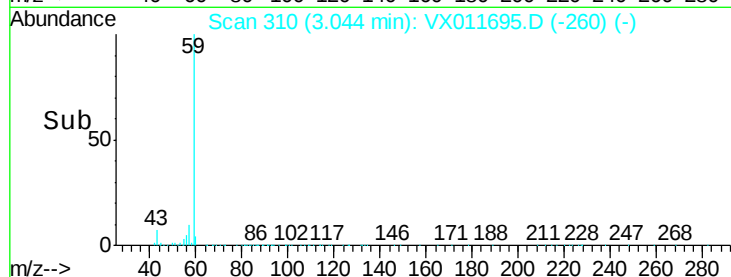
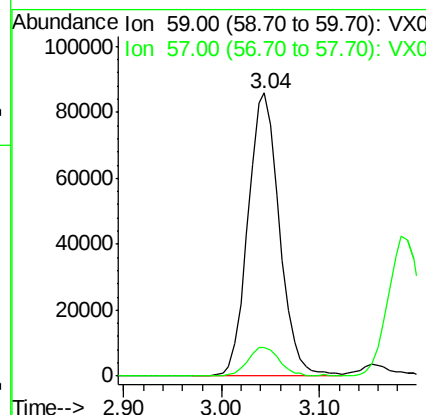
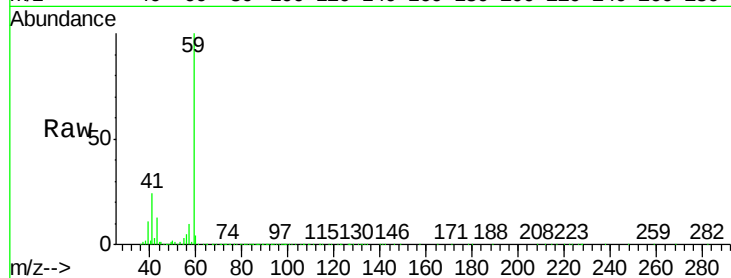
#11
Tert butyl alcohol
Concen: 263.950 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.7	13.1

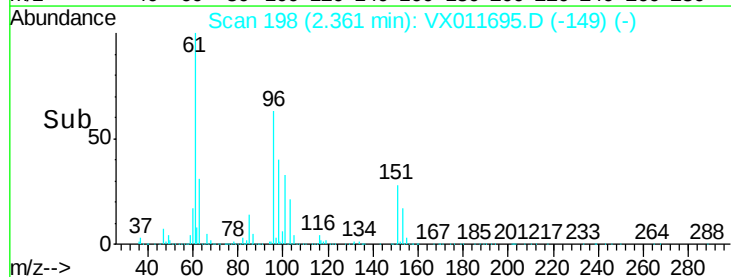
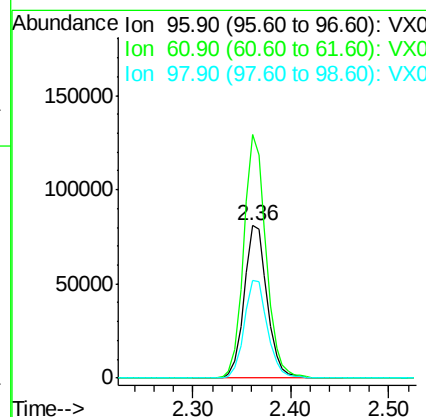
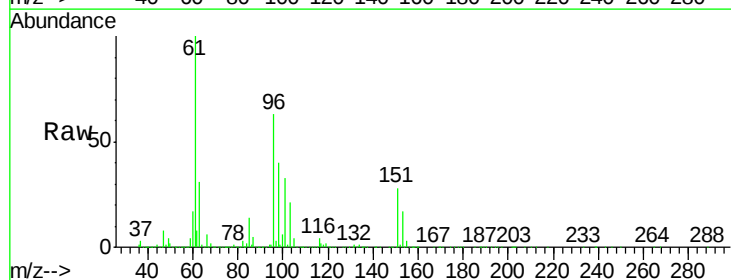
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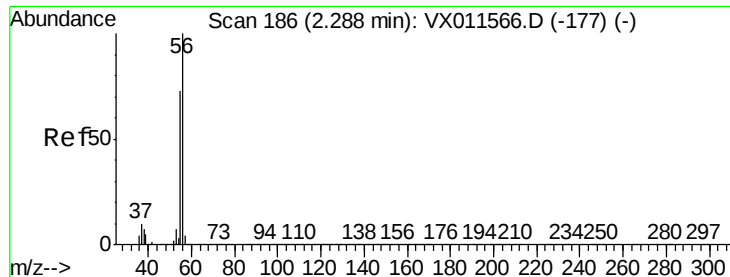
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.770 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	125.0	187.4
98	64.2	51.5	77.3





#13

Acrolein

Concen: 241.345 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 53690

Ion Ratio Lower Upper

56 100

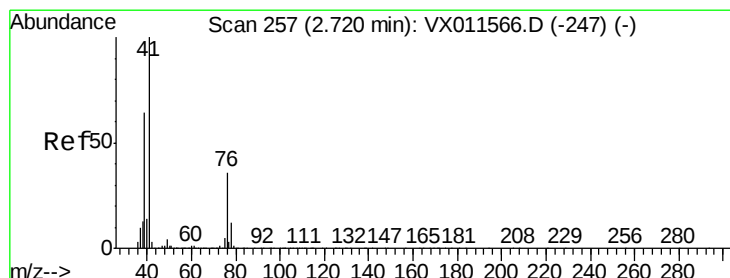
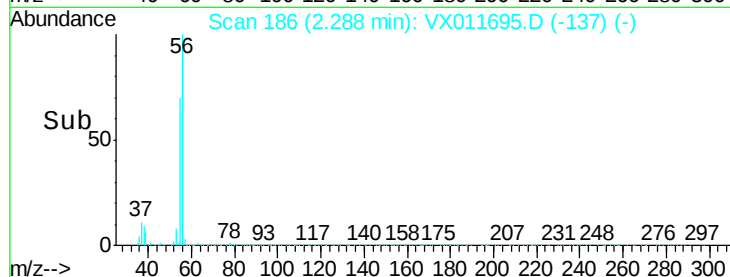
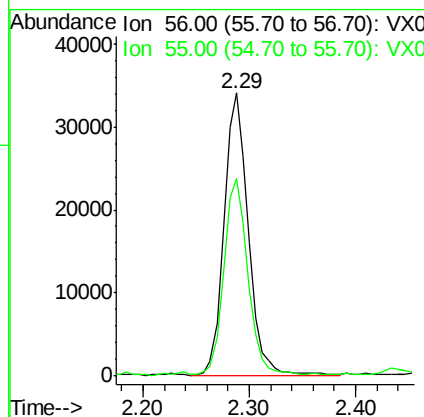
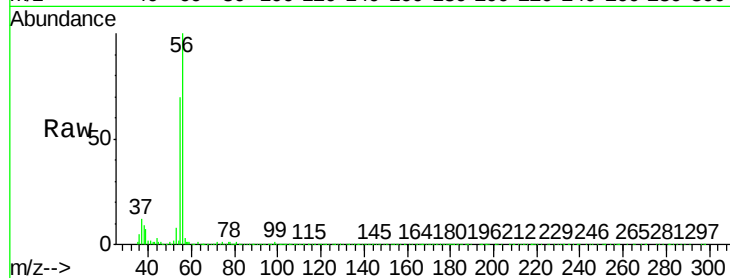
55 69.1 55.5 83.3

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#14

Allyl chloride

Concen: 49.031 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

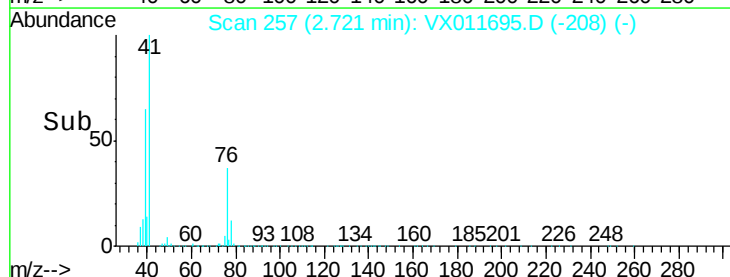
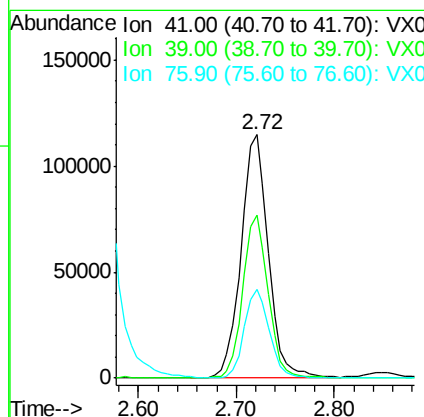
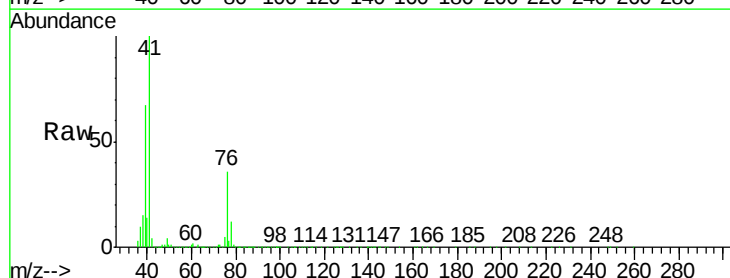
Tgt Ion: 41 Resp: 221410

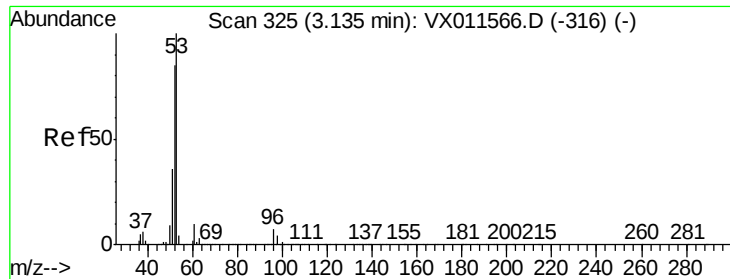
Ion Ratio Lower Upper

41 100

39 62.0 47.5 71.3

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 257.453 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

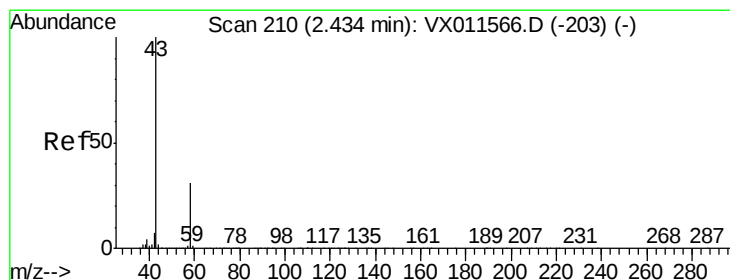
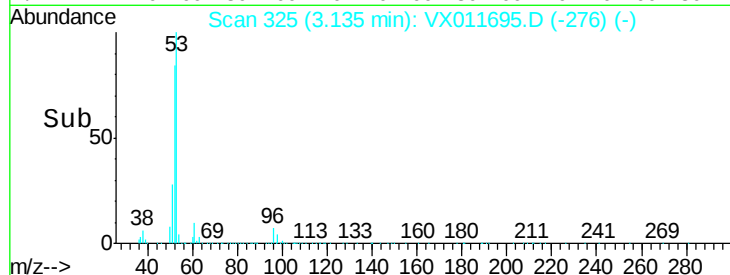
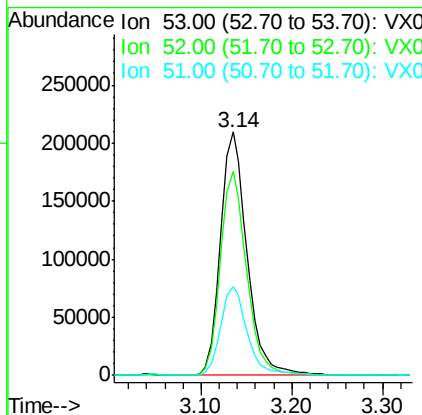
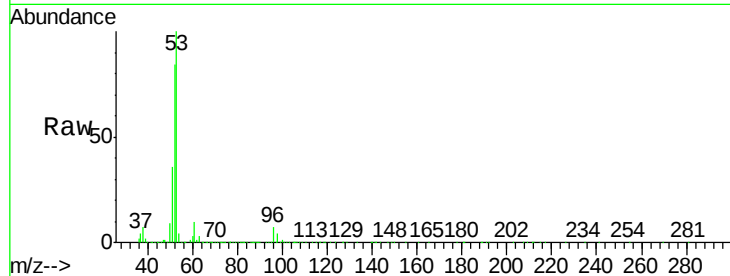
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	426793
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.7	100.1
51	36.4	28.7	43.1

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#16

Acetone

Concen: 248.142 ug/l

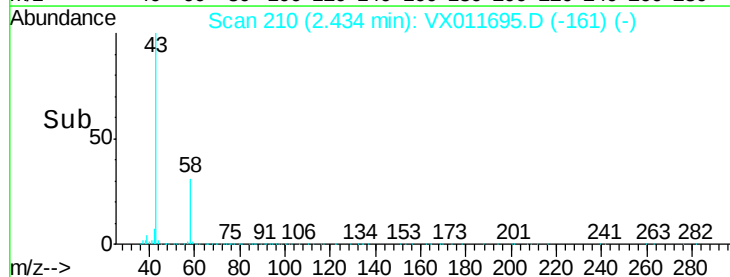
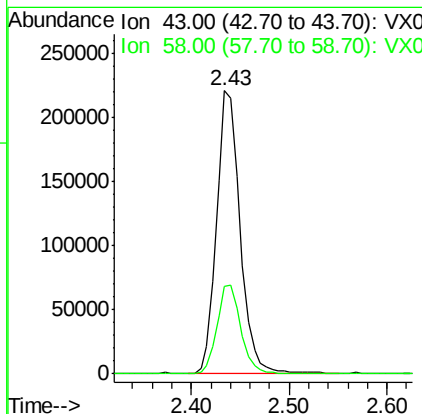
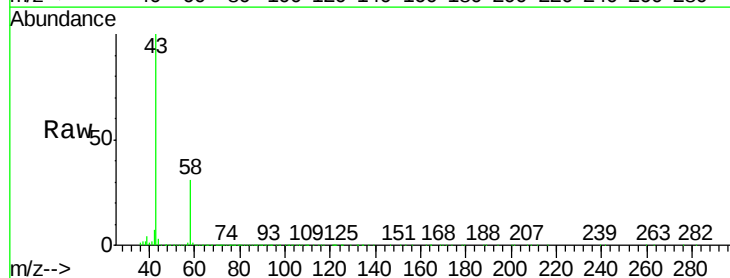
RT: 2.43 min Scan# 210

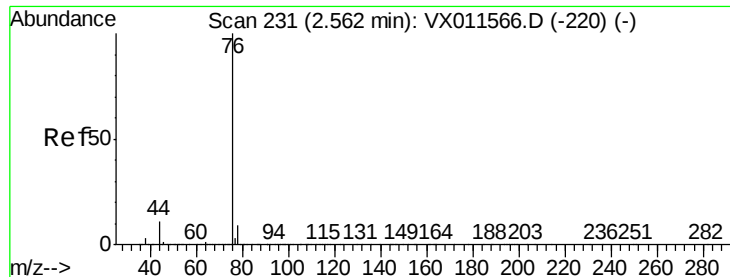
Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	43	Resp:	368377
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.2	37.8





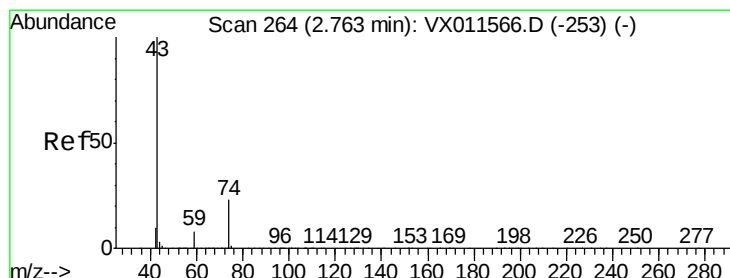
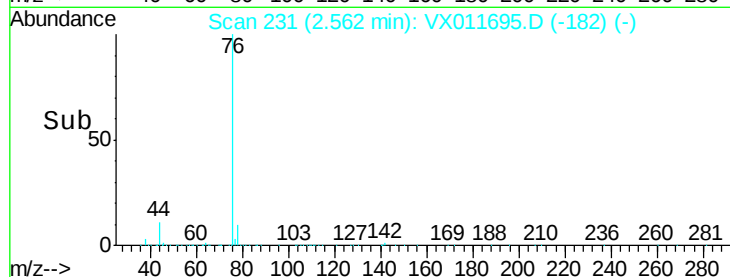
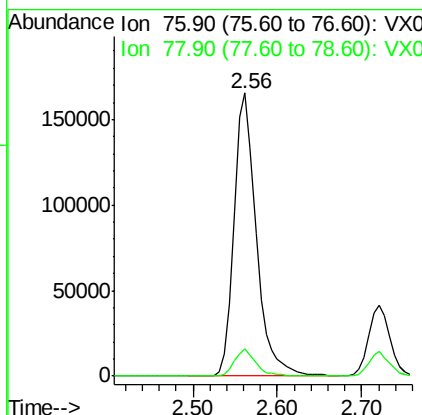
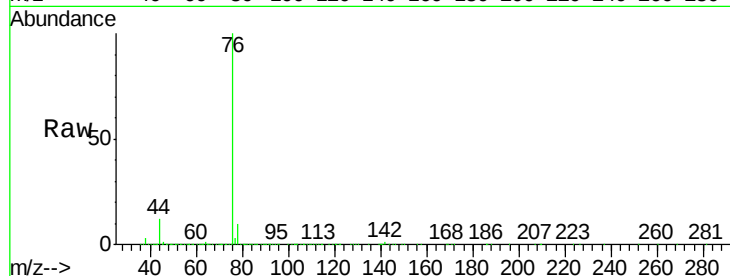
#17
Carbon Disulfide
Concen: 46.210 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

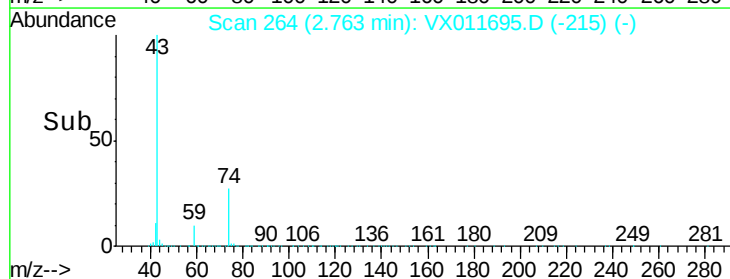
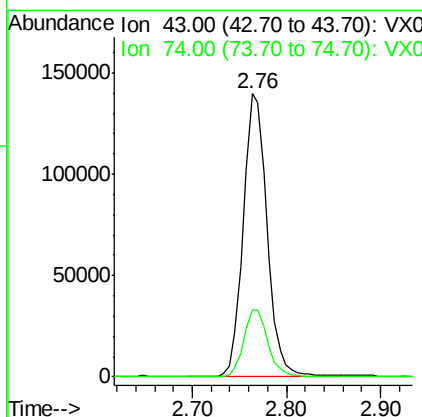
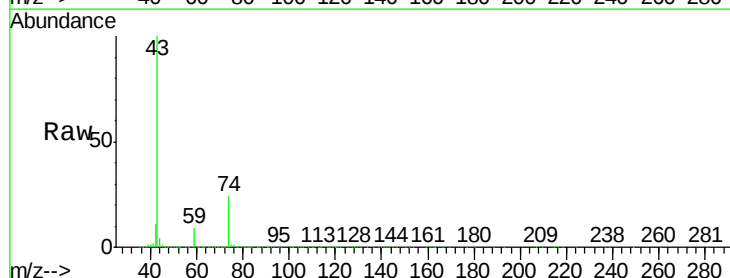
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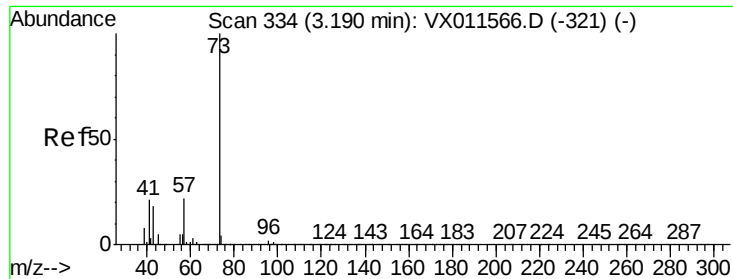
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#18
Methyl Acetate
Concen: 53.574 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.7	29.5





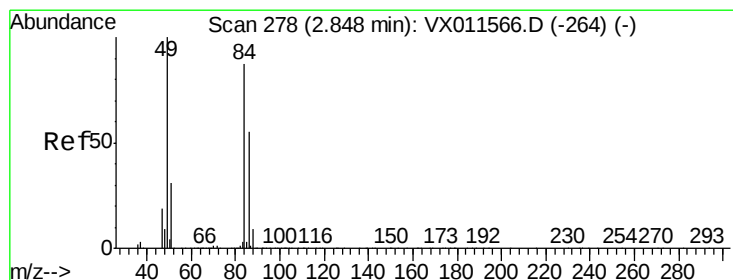
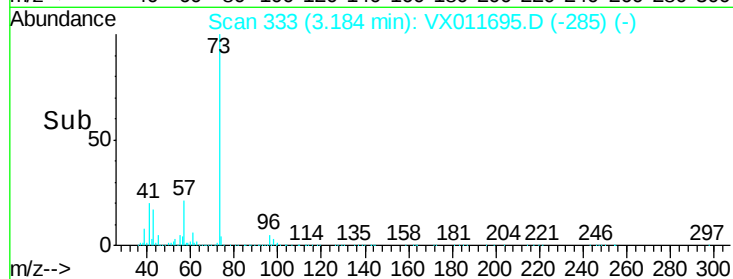
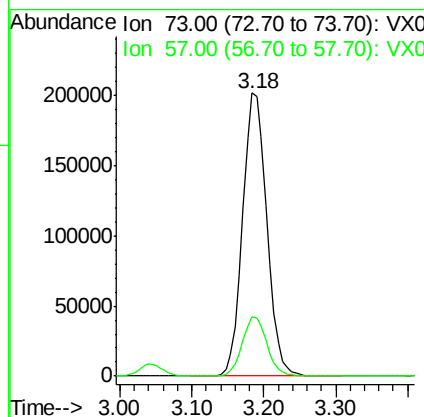
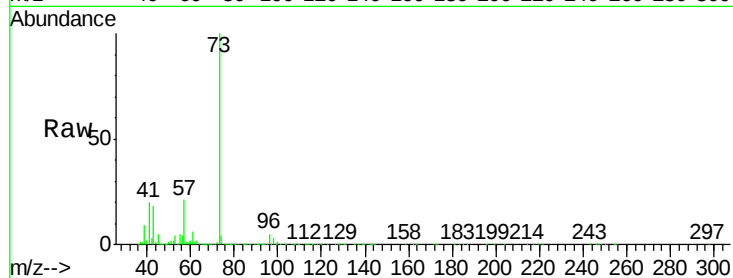
#19
Methvl tert-butvl Ether
Concen: 53.126 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.2	25.8

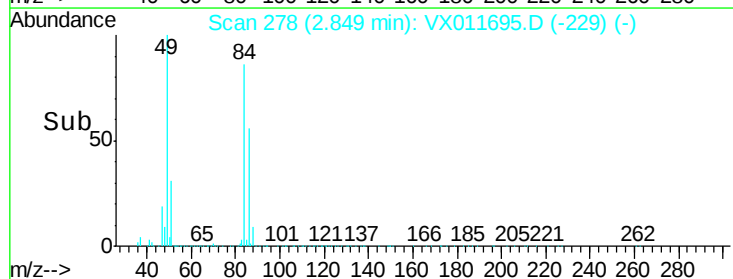
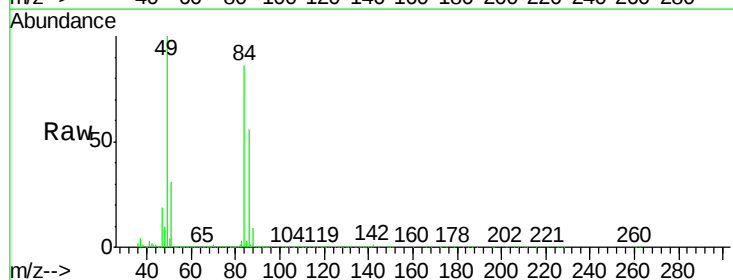
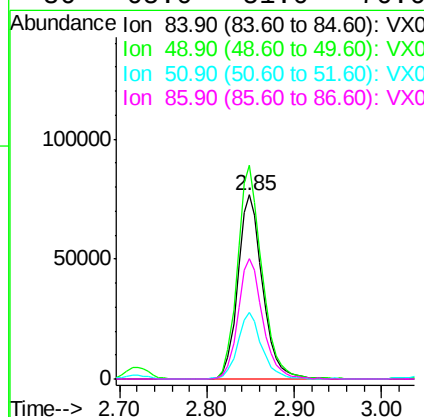
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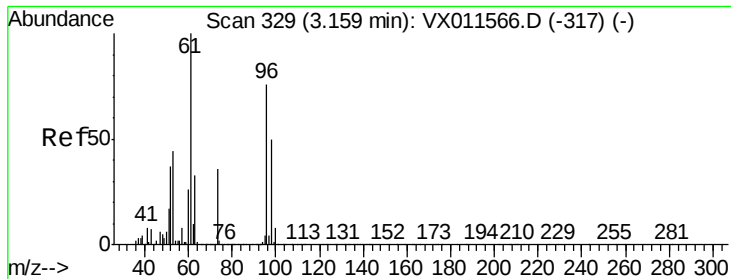
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#20
Methylene Chloride
Concen: 48.401 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	92.4	138.6
51	35.9	28.5	42.7
86	65.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 49.510 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011695.D

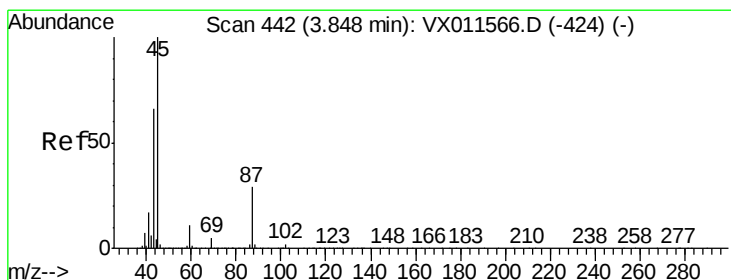
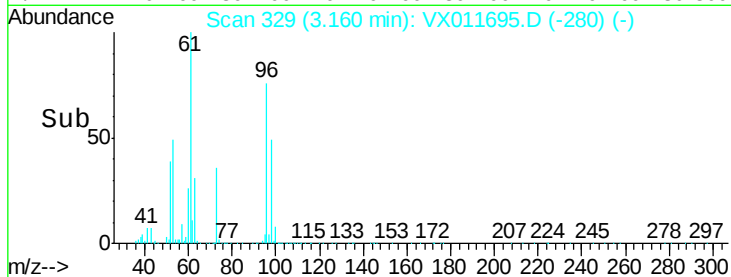
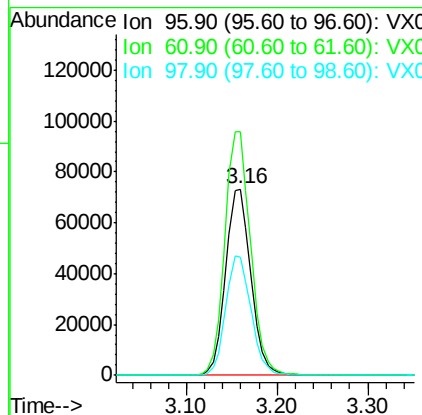
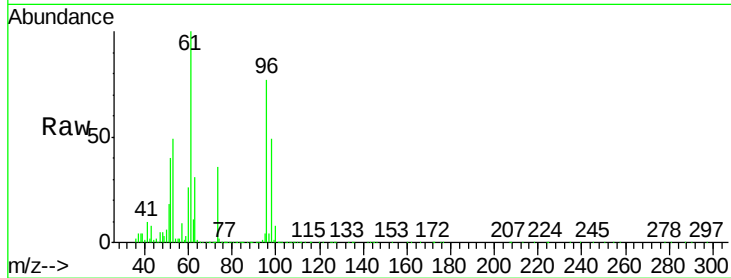
Acq: 20 Aug 2019 19:43

Tot Ion:	96	Resp:	142423
Ion	Ratio	Lower	Upper
96	100		
61	130.6	105.5	158.3
98	63.5	52.6	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 51.292 ug/l

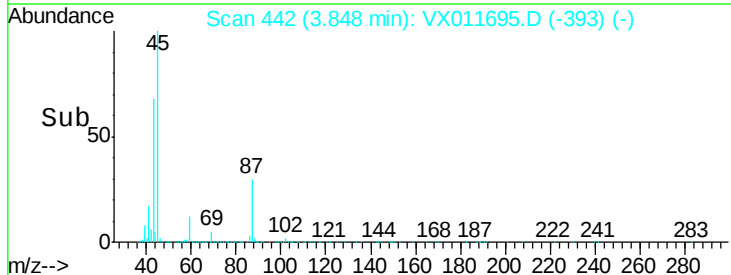
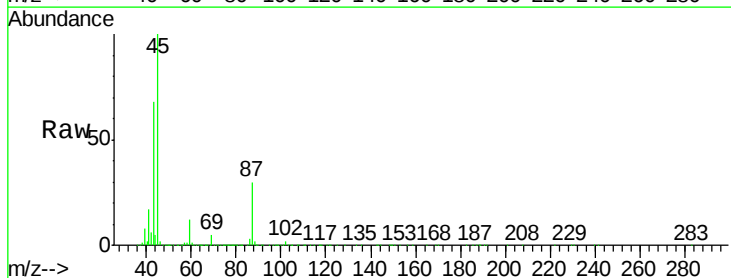
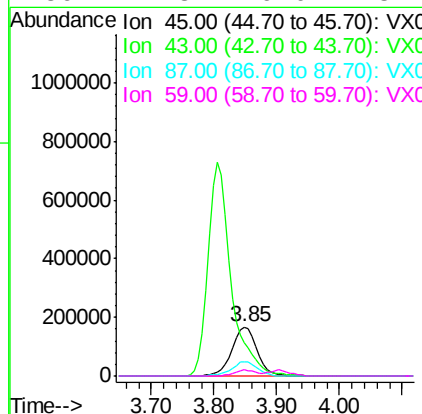
RT: 3.85 min Scan# 442

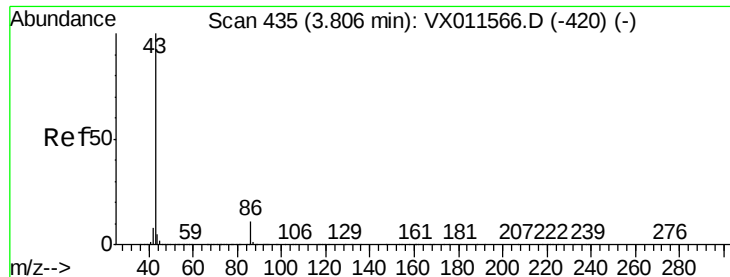
Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	45	Resp:	461269
Ion	Ratio	Lower	Upper
45	100		
43	67.8	52.7	79.1
87	29.9	23.5	35.3
59	12.3	9.0	13.4





#23

Vinyl Acetate

Concen: 261.088 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1859285

Ion Ratio Lower Upper

43 100

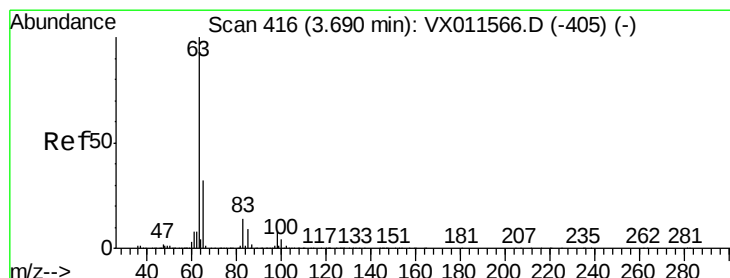
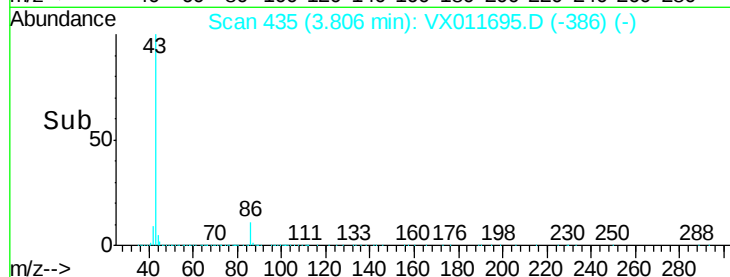
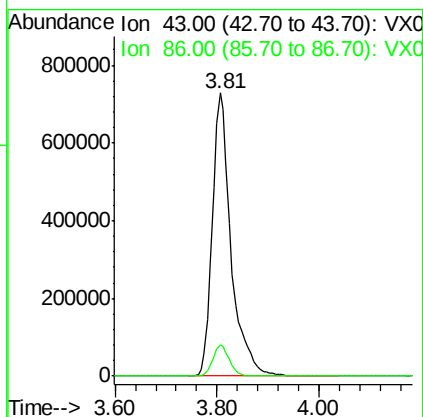
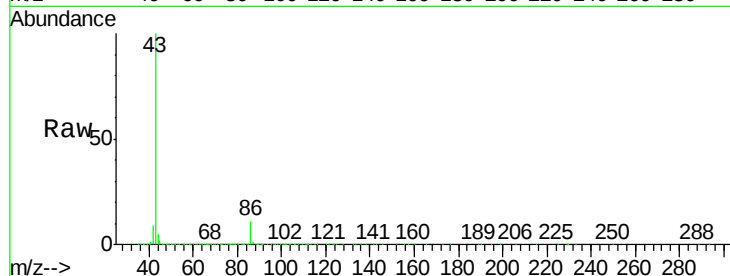
86 10.9 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 50.301 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

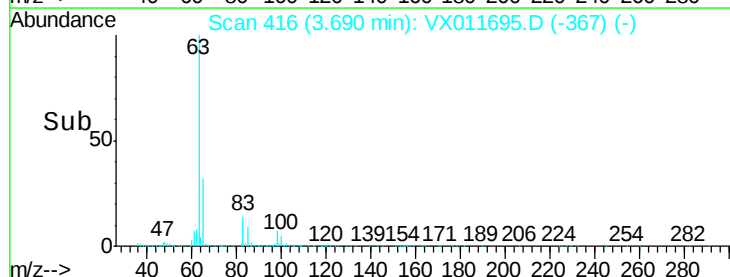
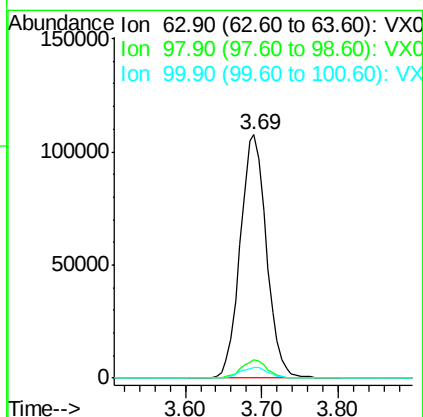
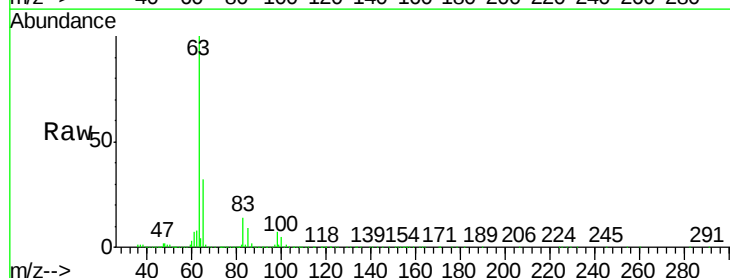
Tgt Ion: 63 Resp: 255755

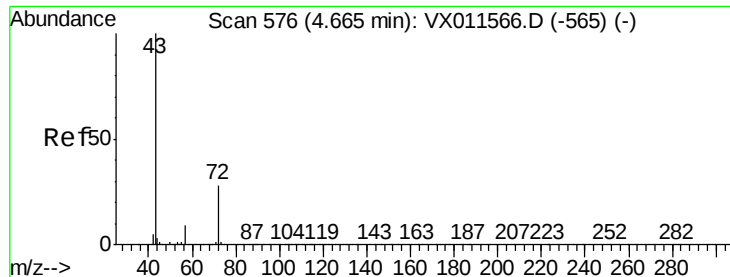
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 252.796 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tot Ion: 43 Resp: 589168

Ion Ratio Lower Upper

43 100

72 26.0 22.2 33.4

Instrument :

MSVOA_X

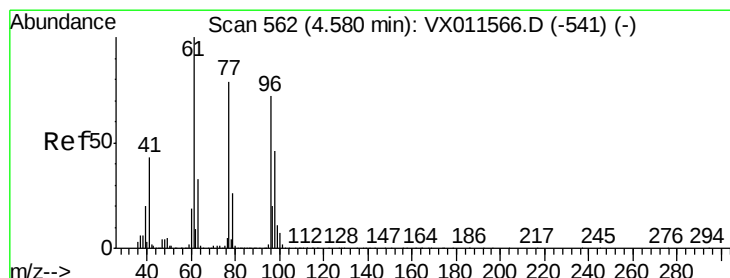
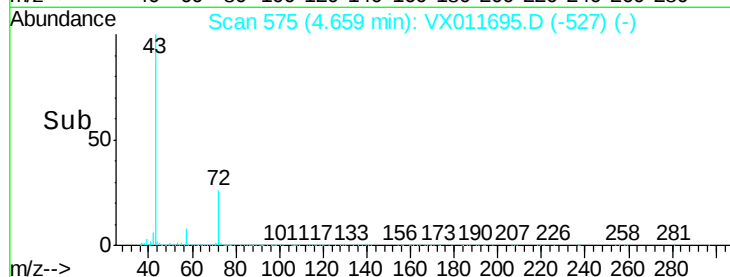
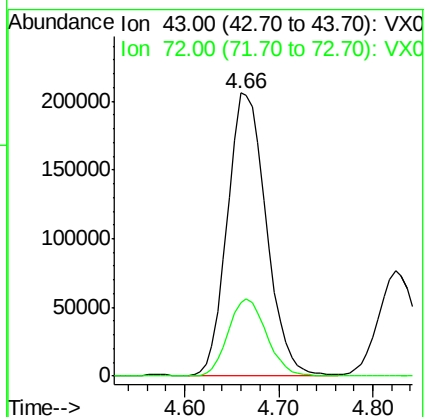
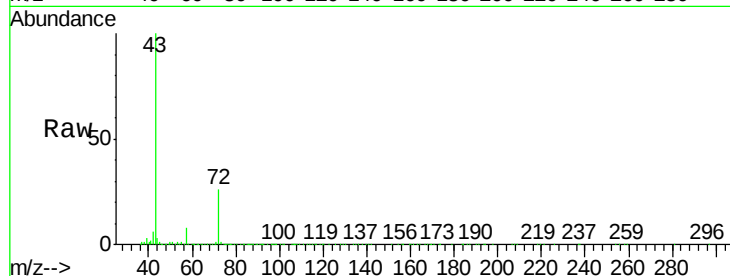
ClientSampleId :

VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 50.367 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011695.D

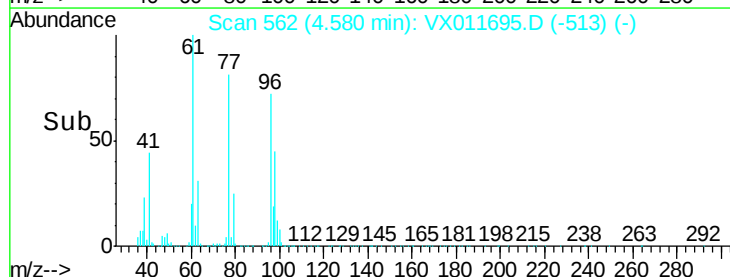
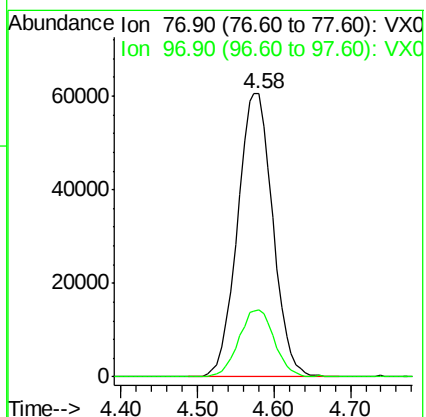
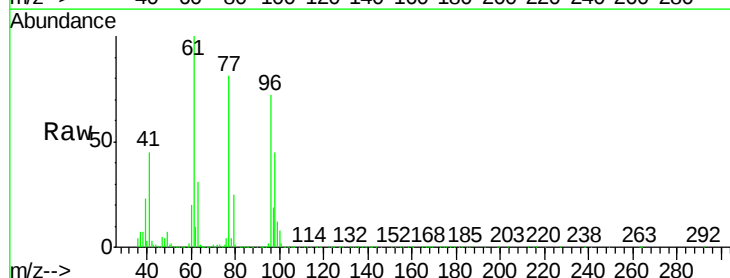
Acq: 20 Aug 2019 19:43

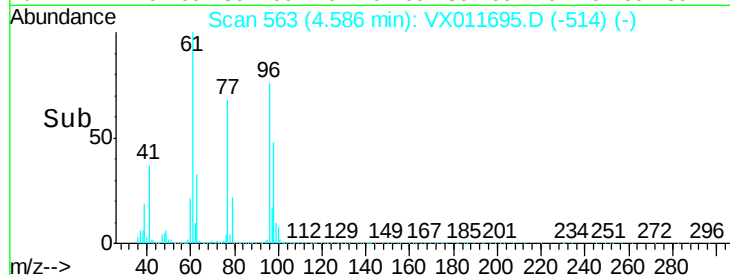
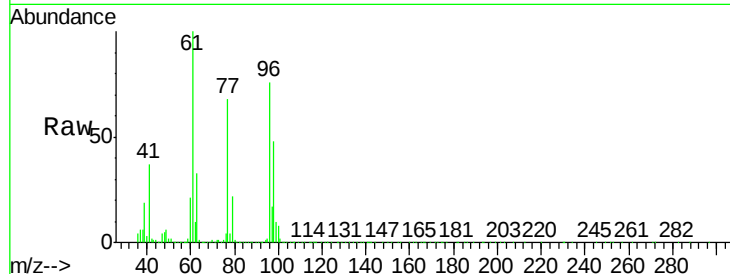
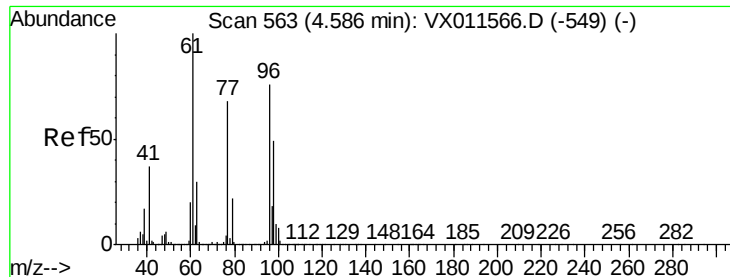
Tgt Ion: 77 Resp: 192746

Ion Ratio Lower Upper

77 100

97 23.8 12.4 37.2





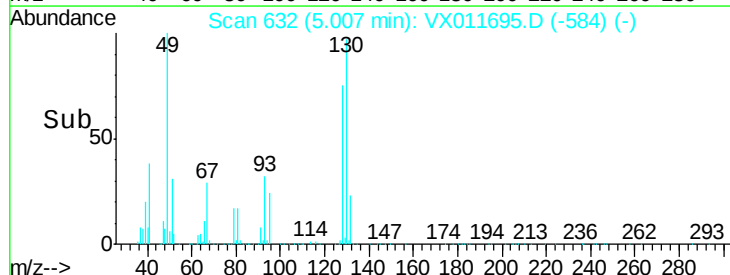
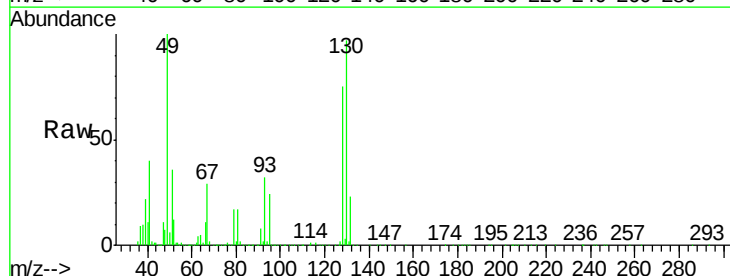
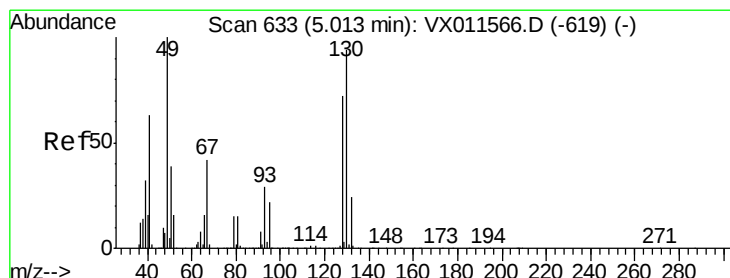
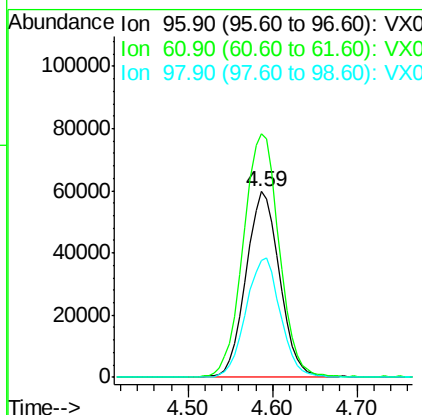
#27
 cis-1,2-Dichloroethene
 Concen: 48.103 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.6	0.0	272.6	
98	66.2	0.0	129.4	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

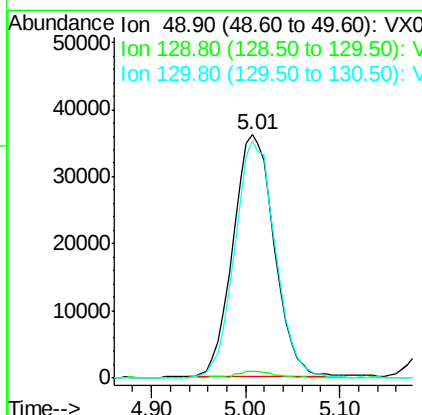
Manual Integrations
 APPROVED

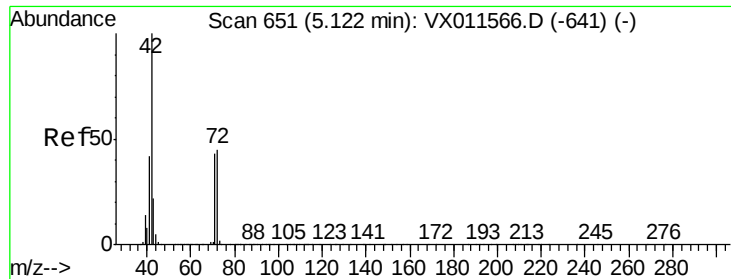
MMDadoda
 8/21/2019 9:36:18 AM



#28
 Bromochloromethane
 Concen: 49.472 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.0	
130	97.1	76.6	115.0	





#29

Tetrahydrofuran

Concen: 239.506 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

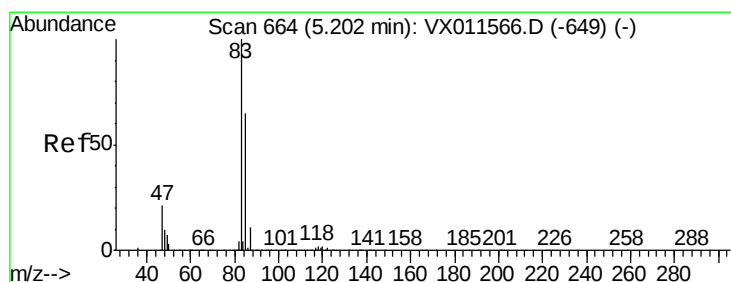
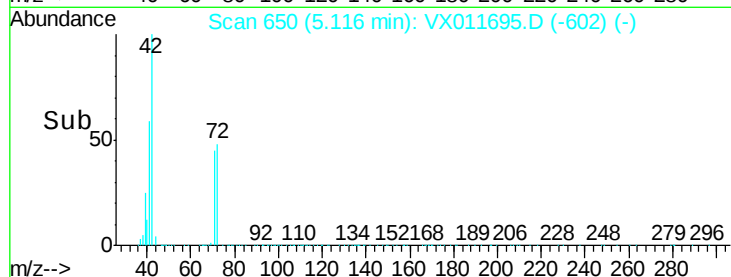
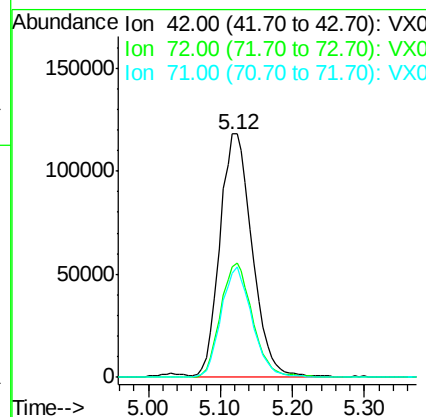
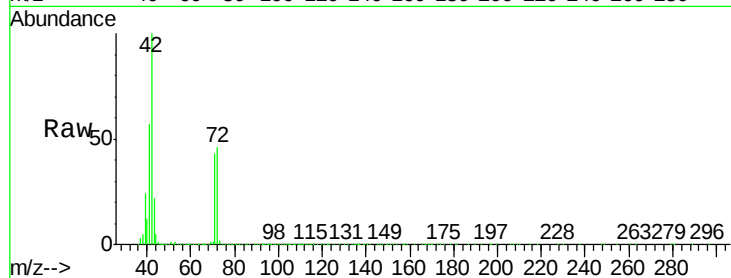
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.1	54.1
71	43.4	33.8	50.8

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#30

Chloroform

Concen: 50.658 ug/l

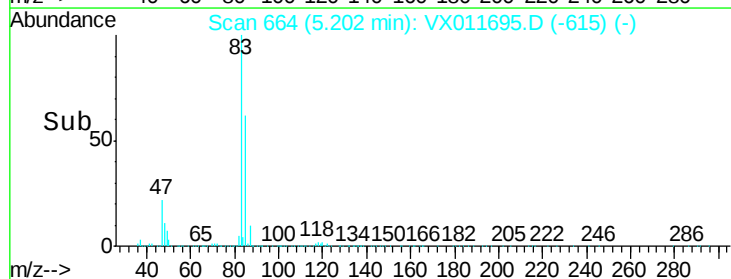
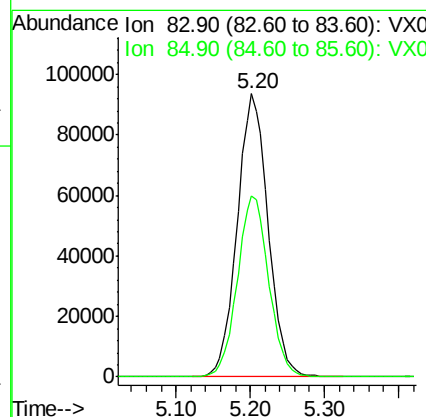
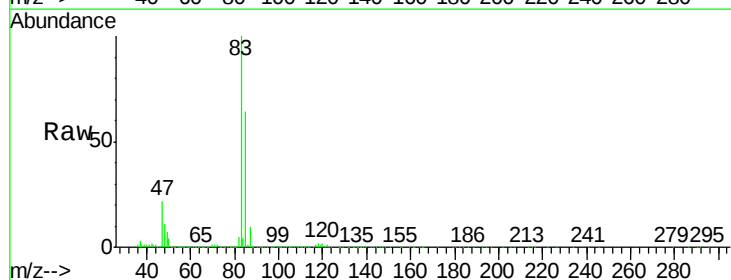
RT: 5.20 min Scan# 664

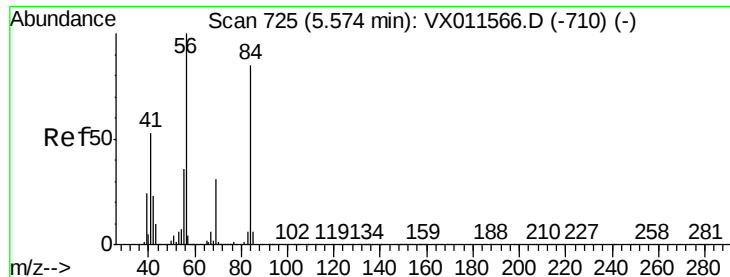
Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9





#31

Cyclohexane

Concen: 49.377 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

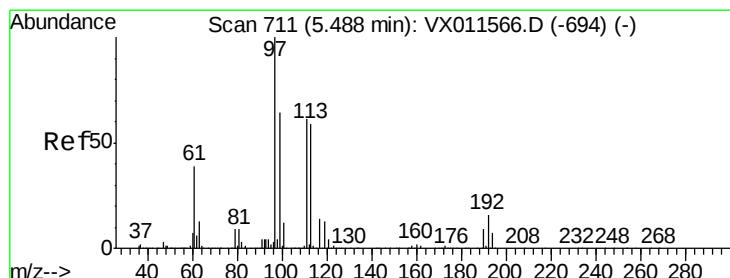
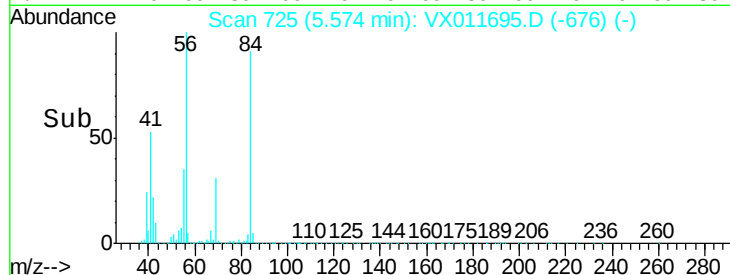
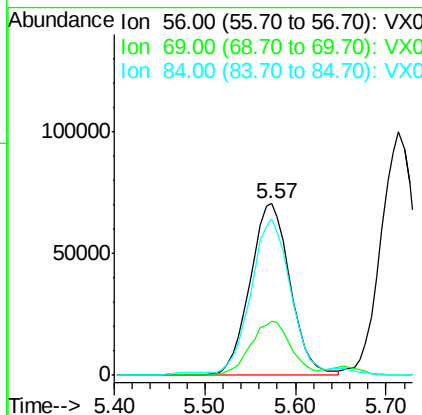
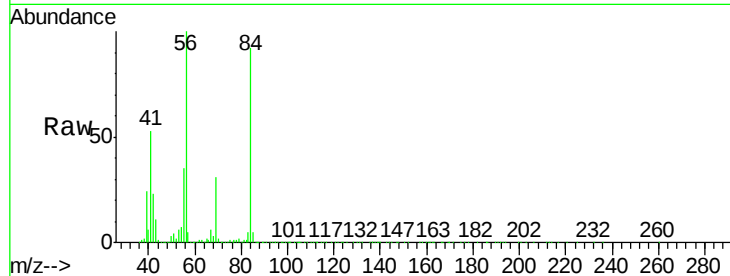
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	216160
Ion Ratio	Lower	Upper	
56	100		
69	31.2	24.8	37.2
84	89.9	67.9	101.9

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#32

1,1,1-Trichloroethane

Concen: 52.132 ug/l

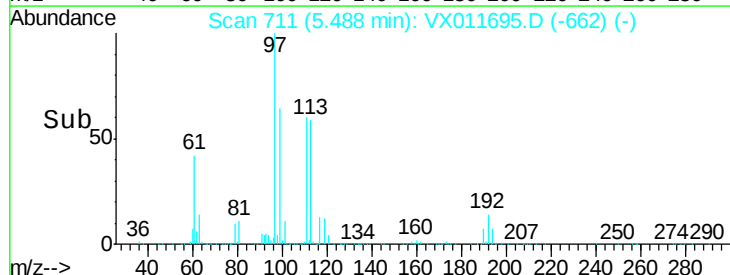
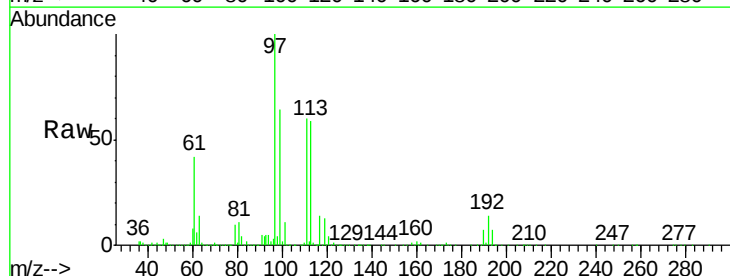
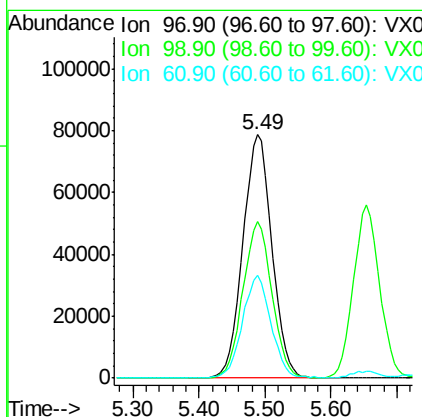
RT: 5.49 min Scan# 711

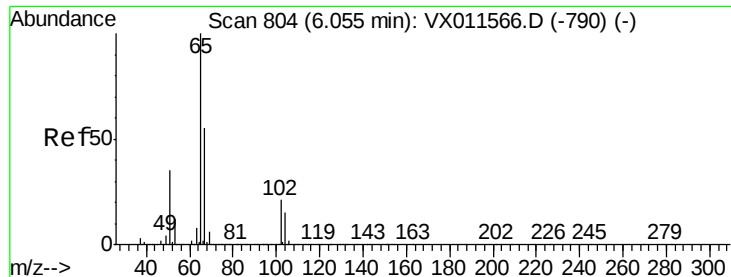
Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	97	Resp:	240535
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.4	77.0
61	41.2	31.4	47.2





#33

1,2-Dichloroethane-d4

Concen: 49.587 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tot Ion: 65 Resp: 146401

Ion Ratio Lower Upper

65 100

67 50.5 0.0 107.6

Instrument :

MSVOA_X

ClientSampleId :

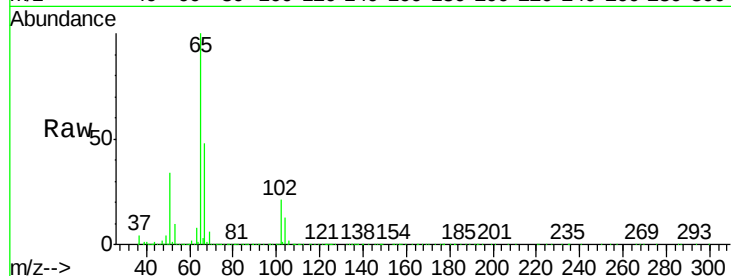
VSTDCCC050

Manual Integrations

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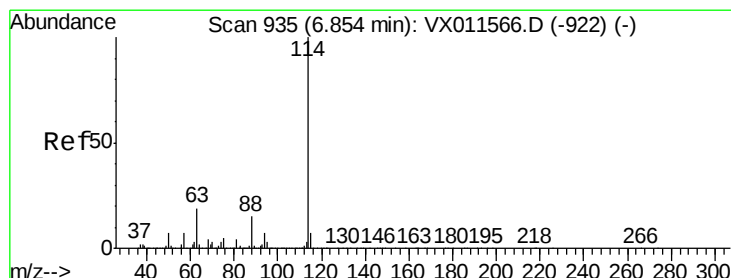
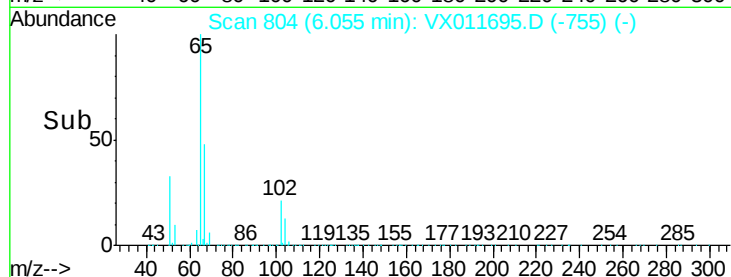
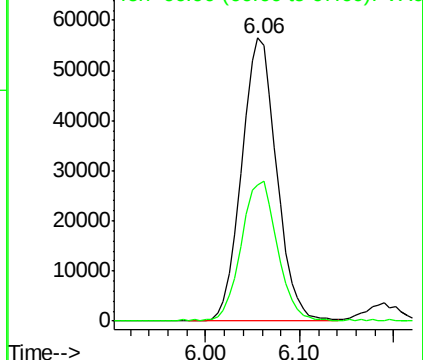
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

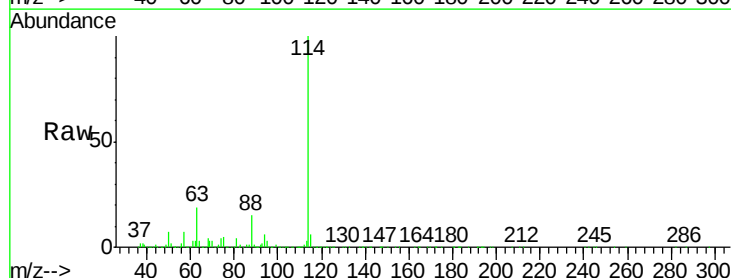
Tgt Ion: 114 Resp: 438021

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

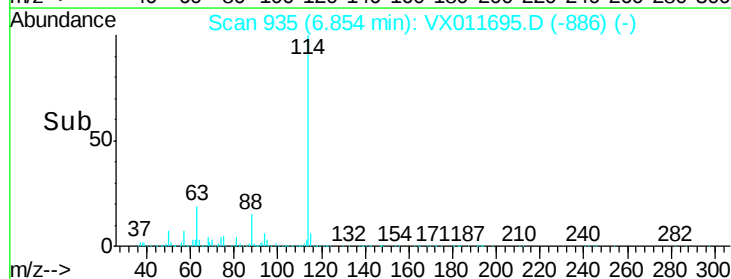
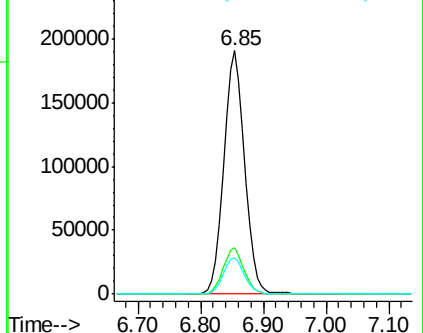
88 14.9 0.0 30.2

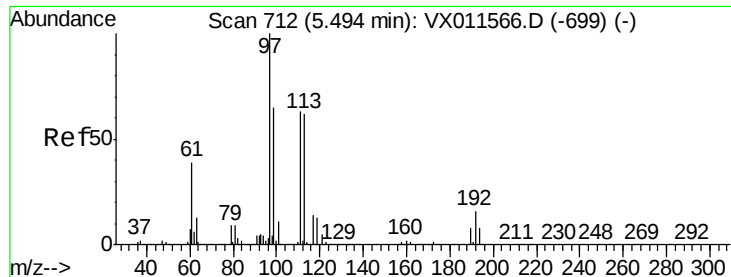


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.067 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

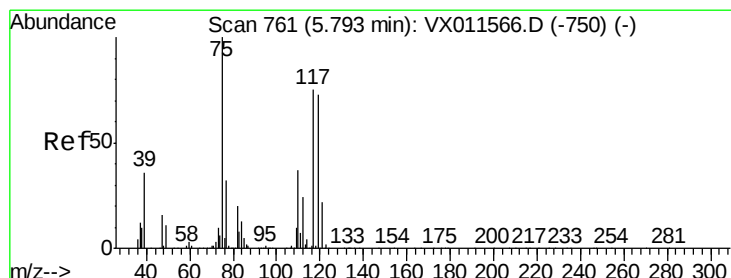
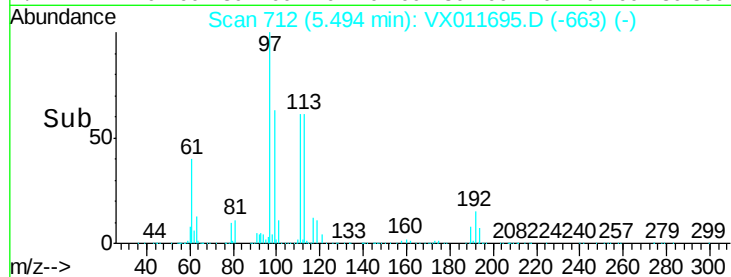
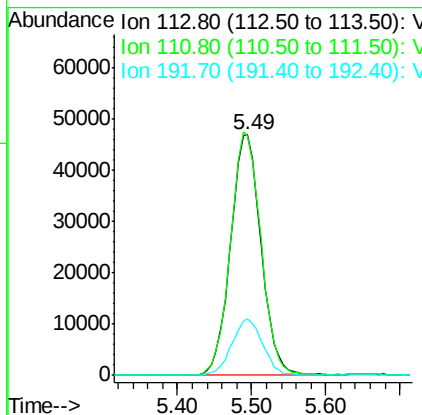
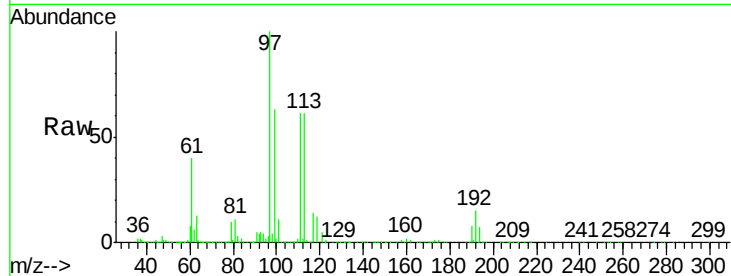
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	134843
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.1	121.7
192	23.8	20.8	31.2

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#36

1,1-Dichloropropene

Concen: 50.748 ug/l

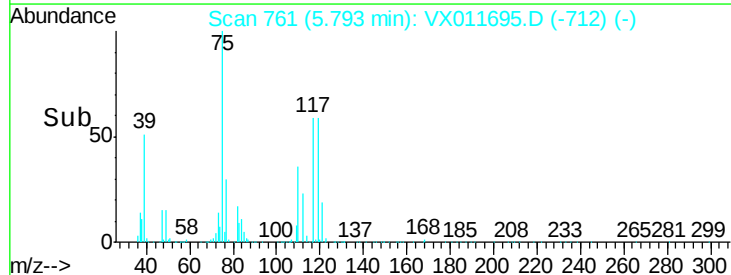
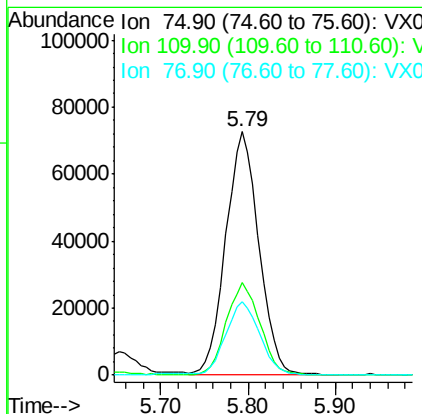
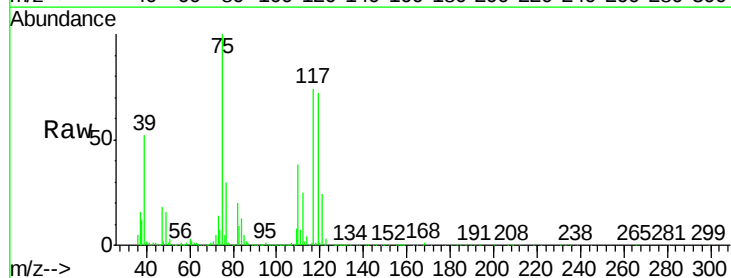
RT: 5.79 min Scan# 761

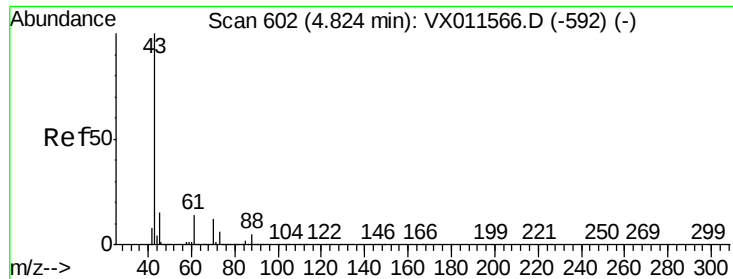
Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	75	Resp:	190052
Ion Ratio	Lower	Upper	
75	100		
110	38.8	19.4	58.1
77	30.8	25.1	37.7





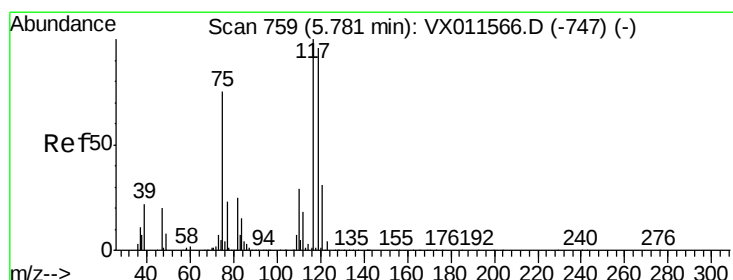
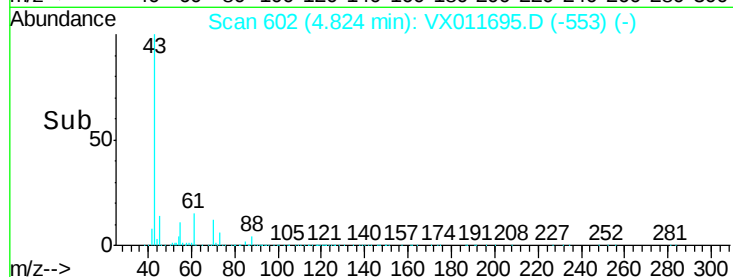
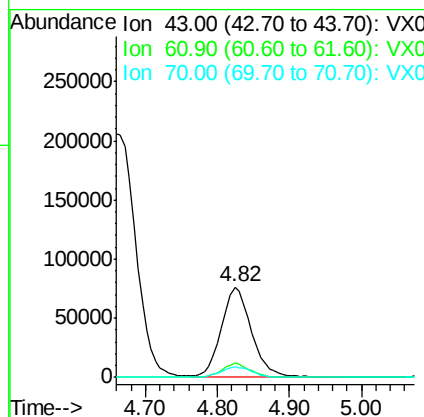
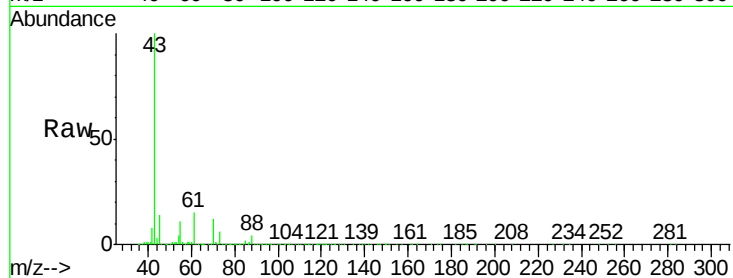
#37
Ethyl Acetate
Concen: 51.094 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	220084
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.4	17.0
70	11.3	9.0	13.6

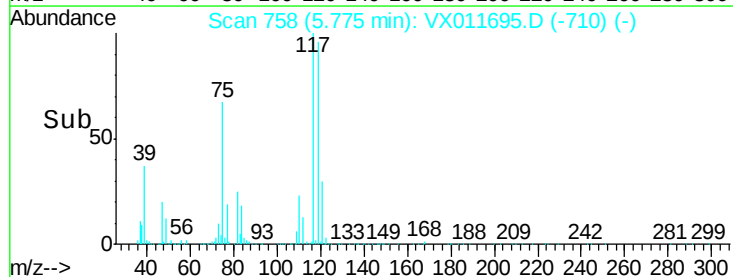
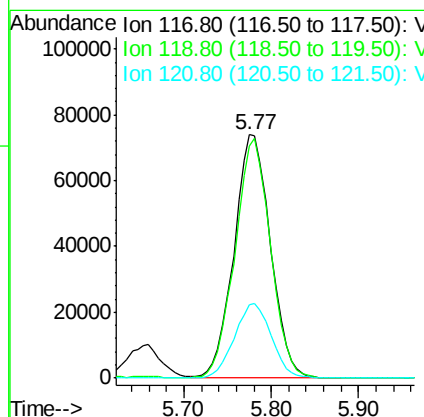
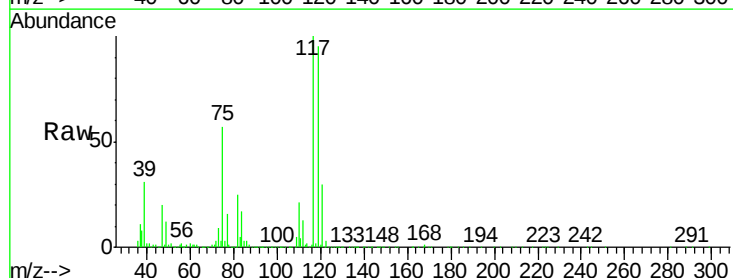
Manual Integrations
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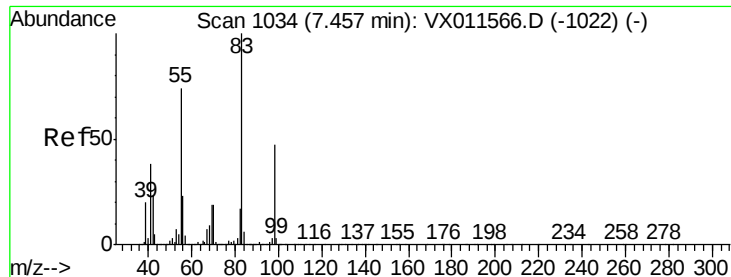
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#38
Carbon Tetrachloride
Concen: 51.831 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion:	117	Resp:	213855
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.9	115.3
121	30.2	24.8	37.2





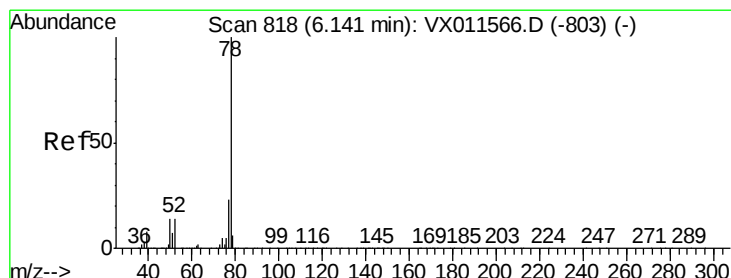
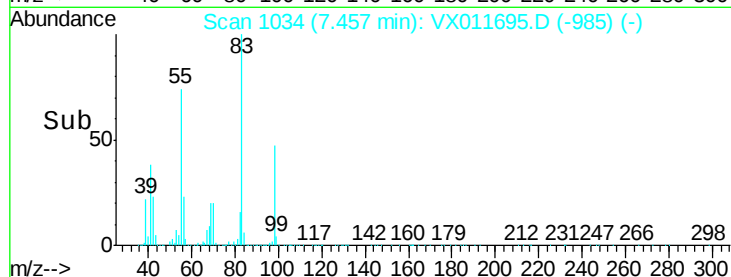
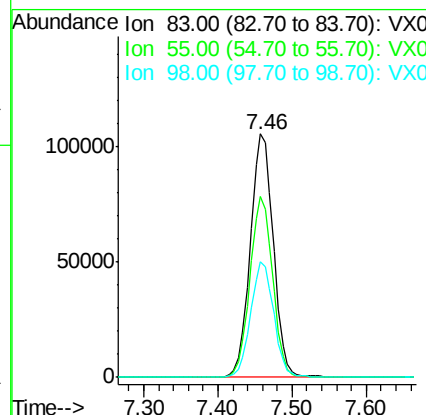
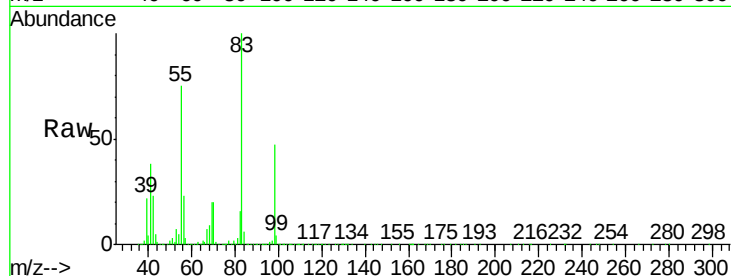
#39
Methvlcvclohexane
Concen: 49.582 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	229311		
55	74.5	58.8	88.2	
98	47.3	37.8	56.6	

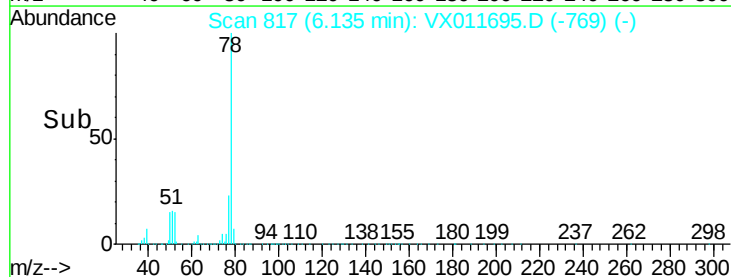
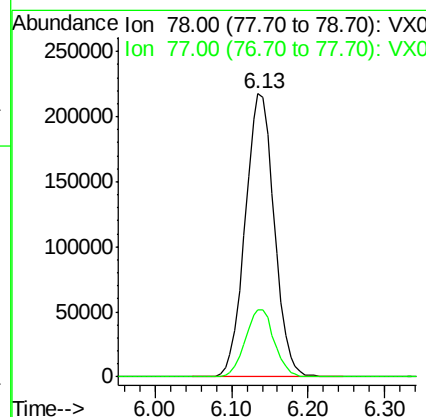
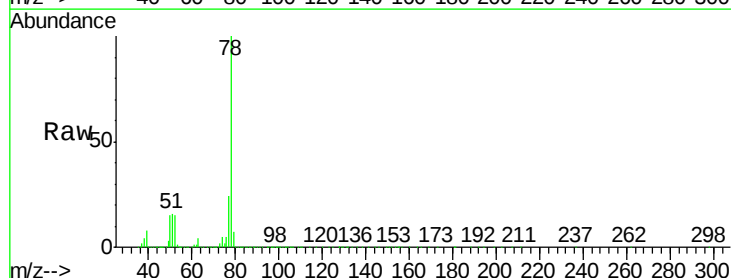
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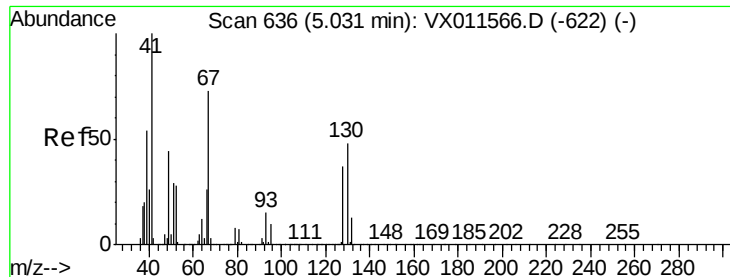
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#40
Benzene
Concen: 49.225 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	572887		
77	23.7	18.6	28.0	





#41

Methacrylonitrile

Concen: 53.141 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

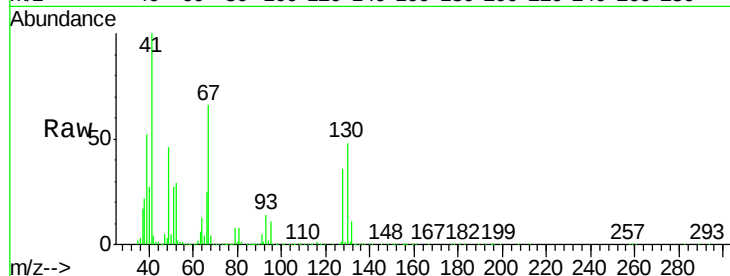
ClientSampleId :

VSTDCCC050

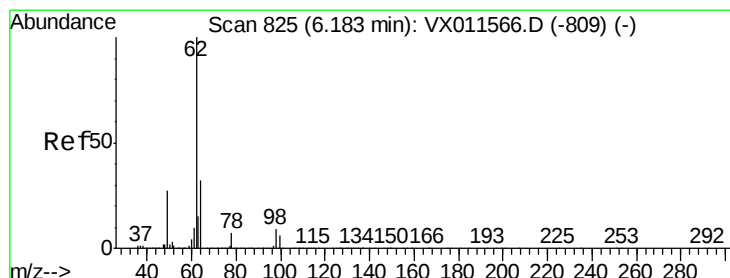
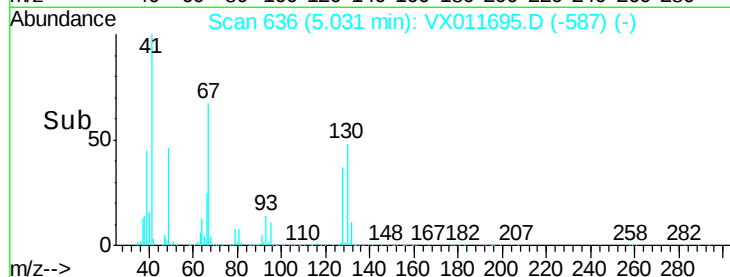
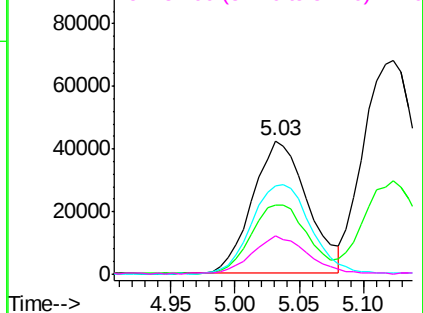
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	43.5	65.3	
67	71.6	59.4	89.2	
52	28.5	23.4	35.2	

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.807 ug/l

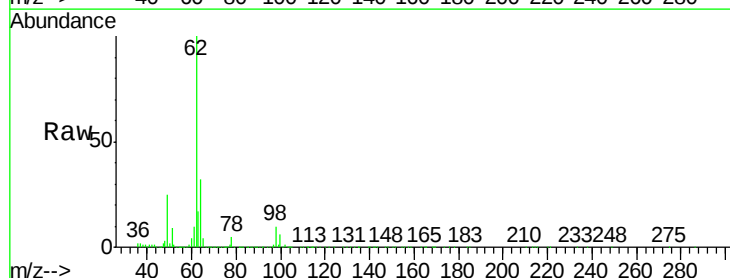
RT: 6.19 min Scan# 826

Delta R.T. 0.01 min

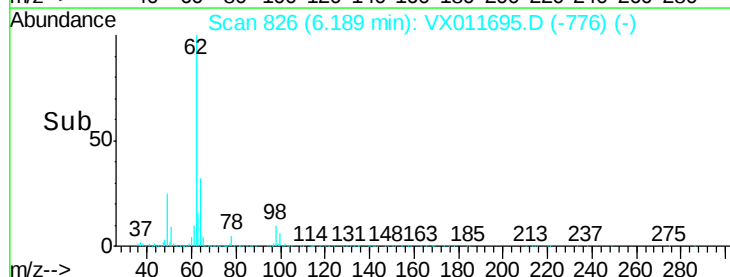
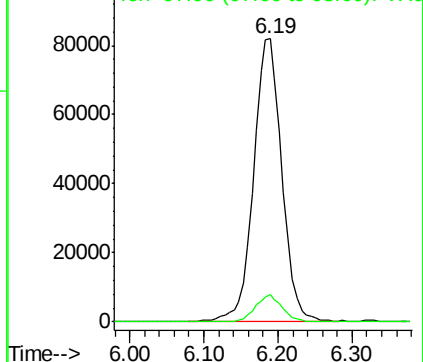
Lab File: VX011695.D

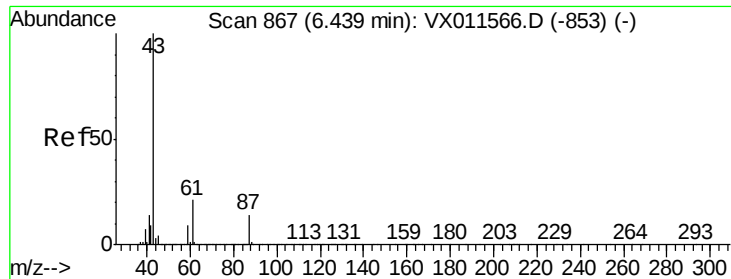
Acq: 20 Aug 2019 19:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	19.4	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

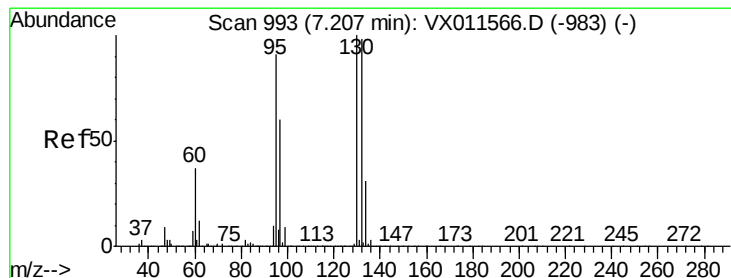
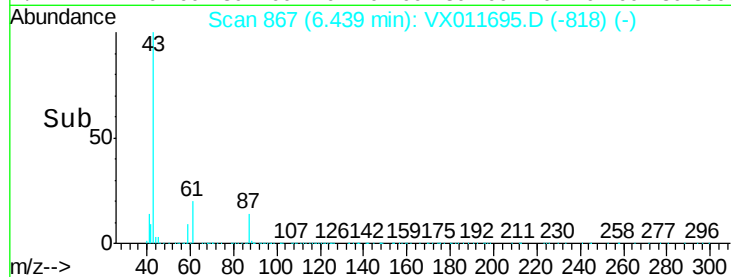
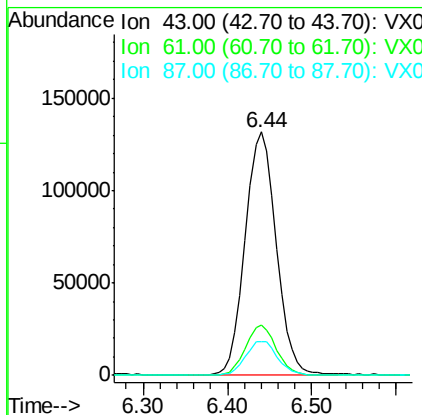
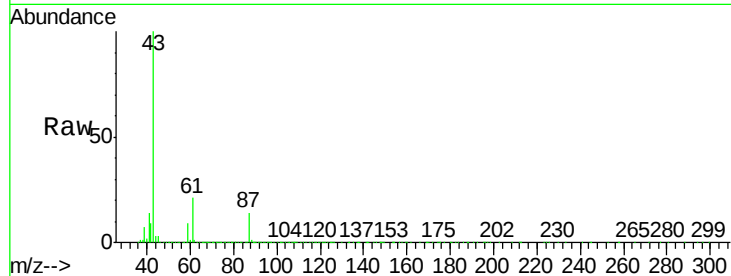
Isopropyl Acetate
 Concen: 48.992 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	14.5	11.4	17.2

Manual Integrations
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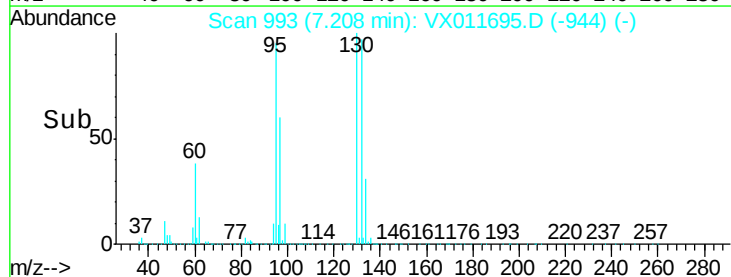
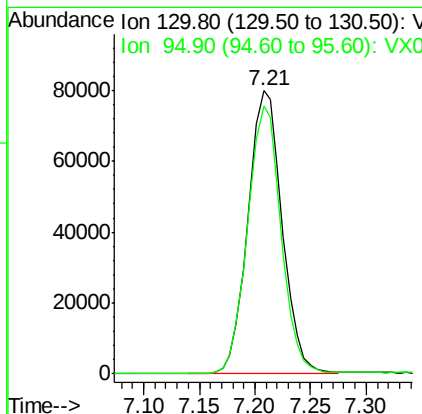
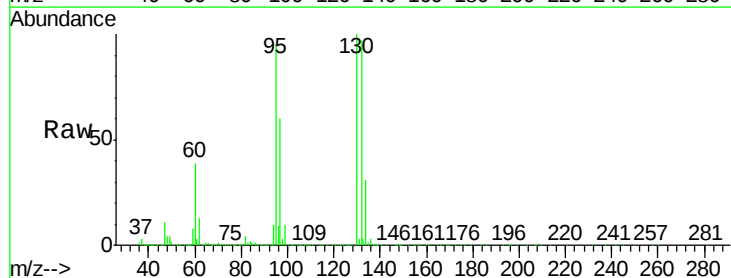
MMDadoda
 8/21/2019 9:36:18 AM

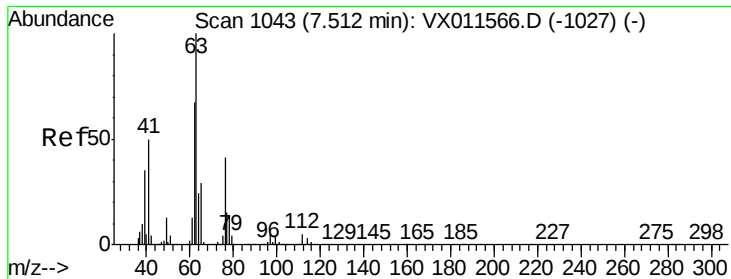


#44

Trichloroethene
 Concen: 49.623 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	181.4





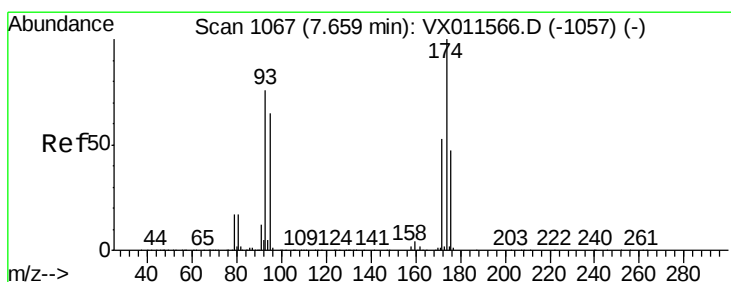
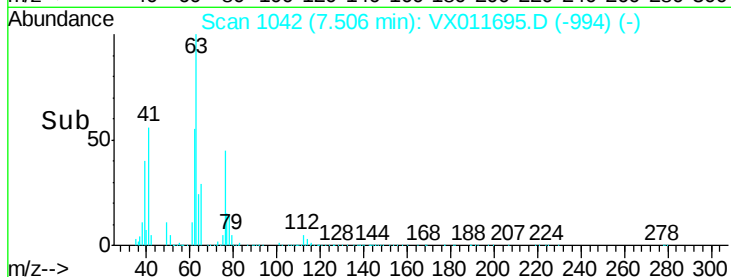
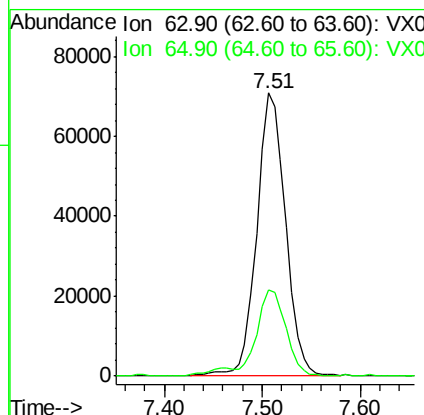
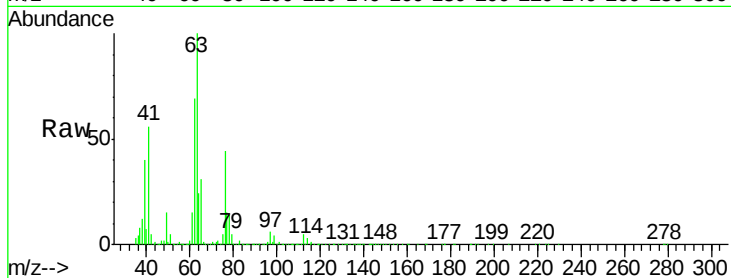
#45
 1,2-Dichloropropane
 Concen: 49.769 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.4	35.2

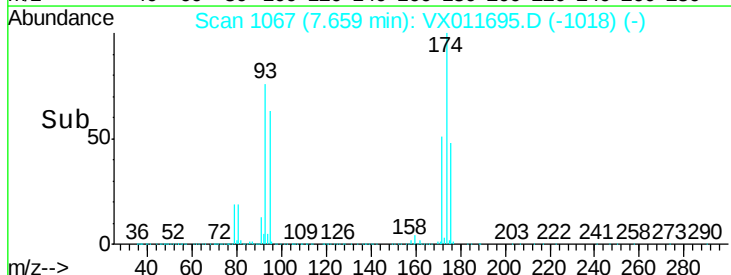
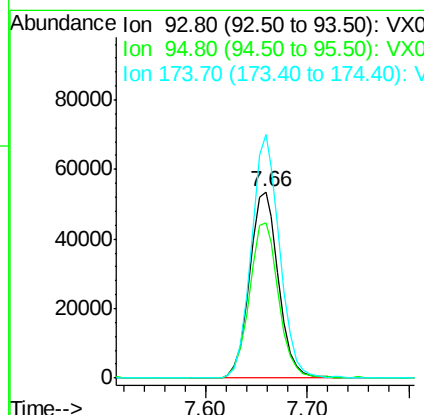
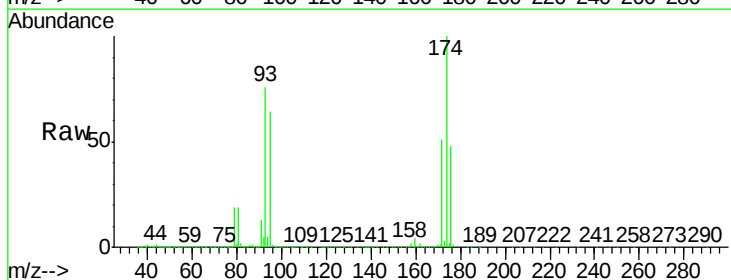
Manual Integrations
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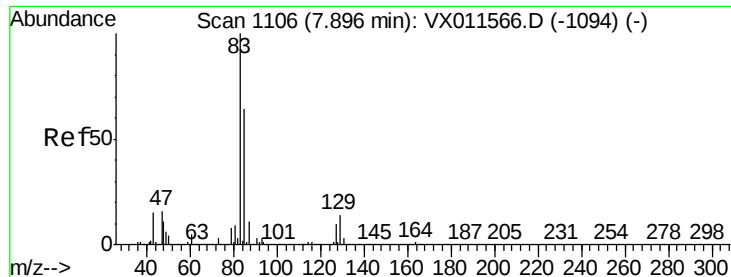
MMDadoda
 8/21/2019 9:36:18 AM



#46
 Dibromomethane
 Concen: 50.058 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.2	100.8
174	127.4	105.5	158.3





#47

Bromodichloromethane

Concen: 51.497 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

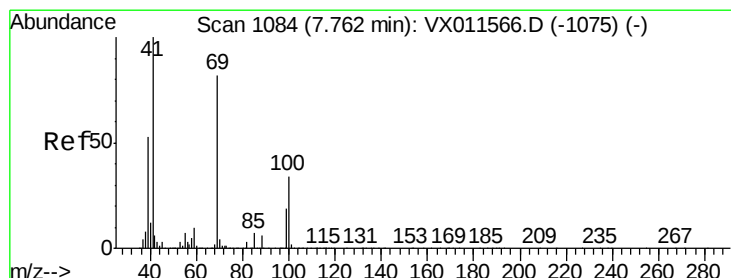
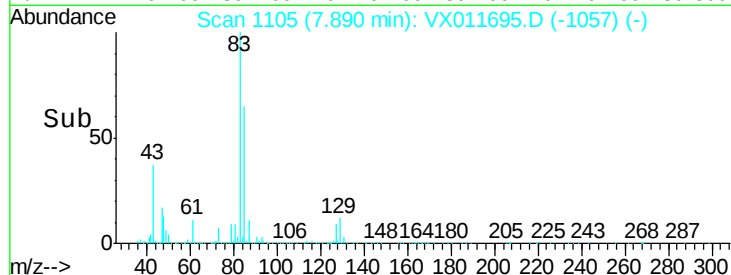
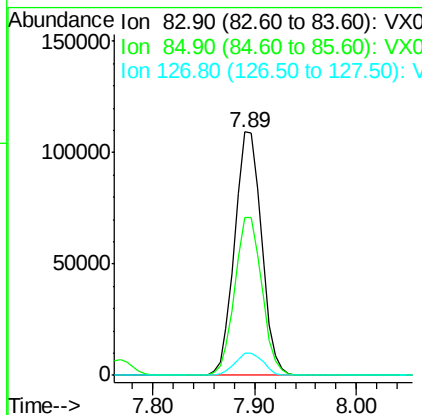
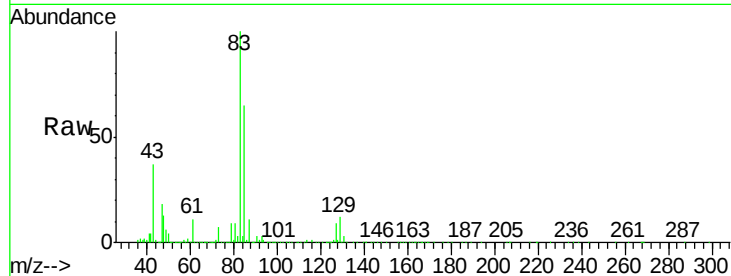
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	199430
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.2	76.8
127	9.2	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.957 ug/l

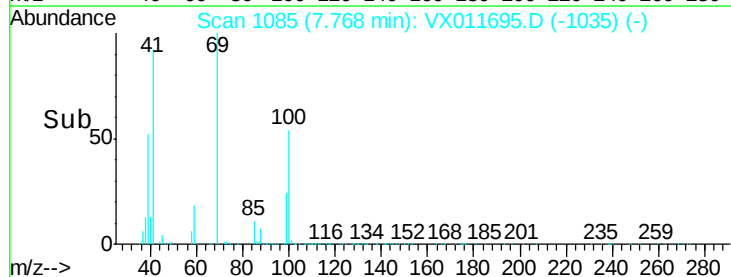
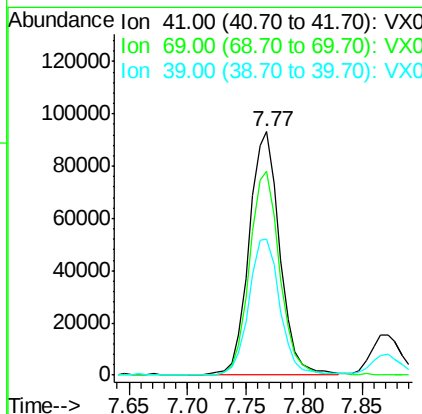
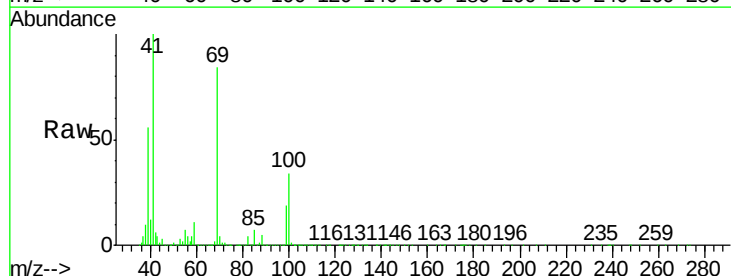
RT: 7.77 min Scan# 1085

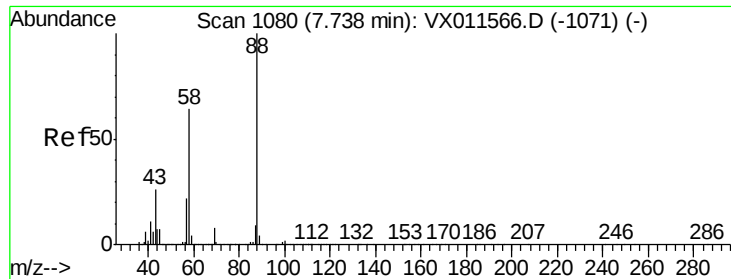
Delta R.T. 0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	41	Resp:	169637
Ion Ratio	Lower	Upper	
41	100		
69	83.4	67.9	101.9
39	56.6	41.6	62.4





#49

1,4-Dioxane

Concen: 1037.826 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

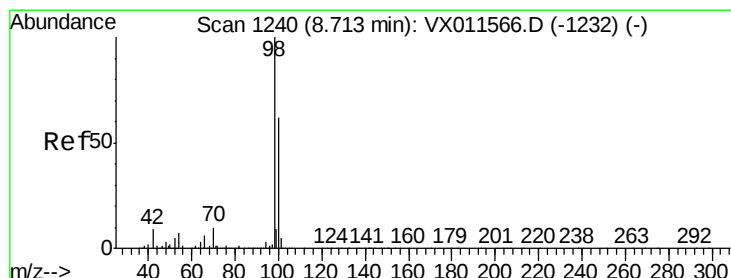
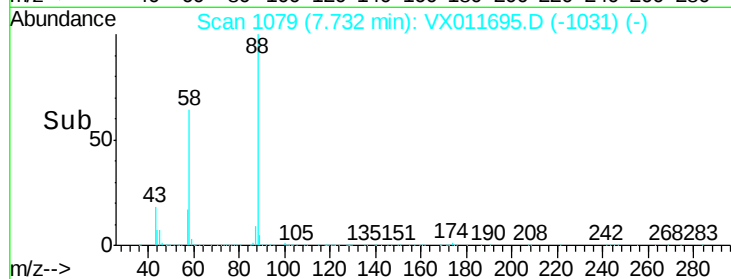
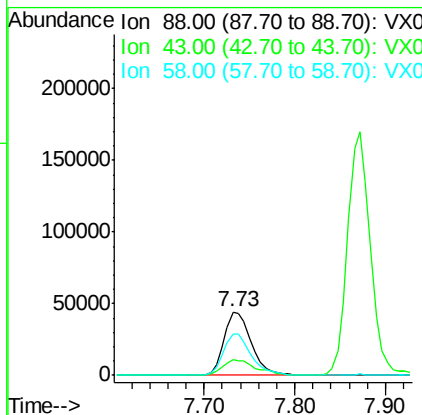
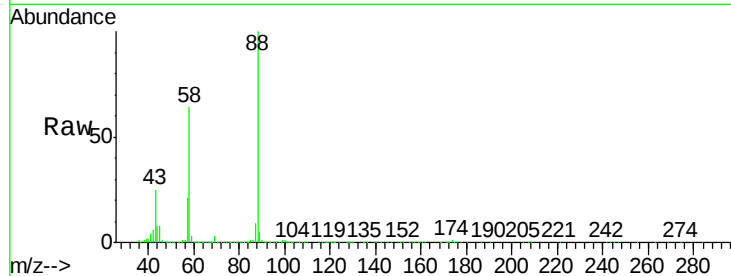
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	91893
Ion Ratio		Lower	Upper
88	100		
43	30.5	23.4	35.0
58	65.8	54.3	81.5

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#50

Toluene-d8

Concen: 48.041 ug/l

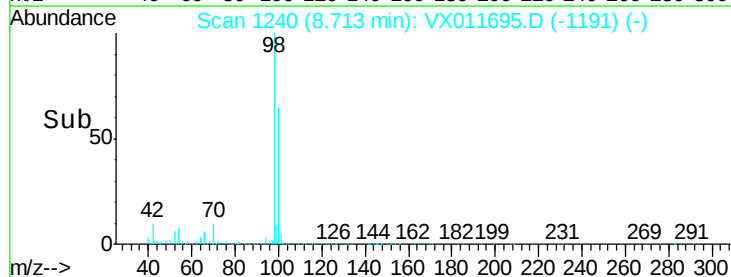
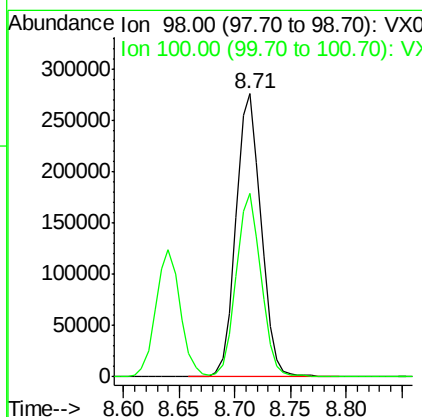
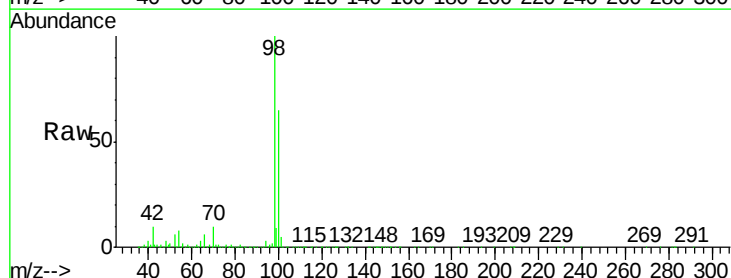
RT: 8.71 min Scan# 1240

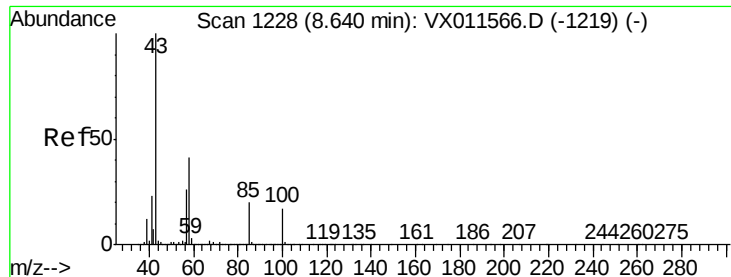
Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	98	Resp:	428852
Ion Ratio		Lower	Upper
98	100		
100	64.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 263.494 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1159387

Ion Ratio Lower Upper

43 100

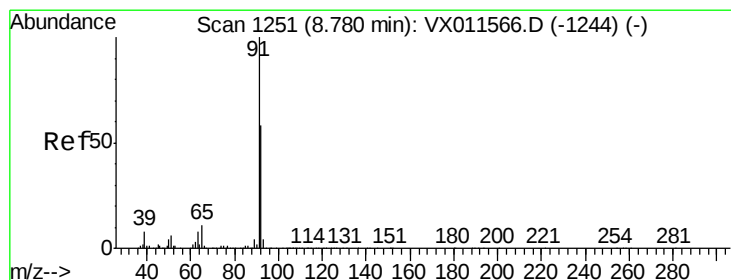
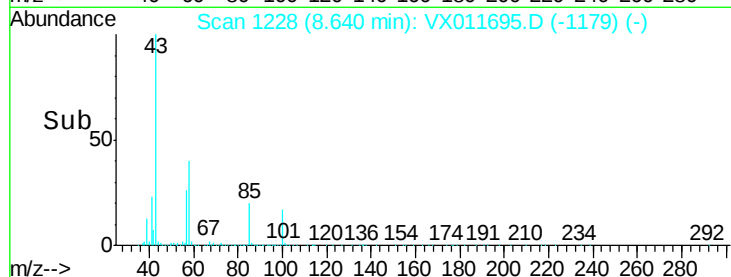
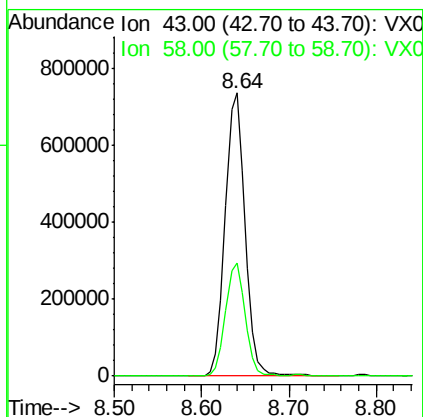
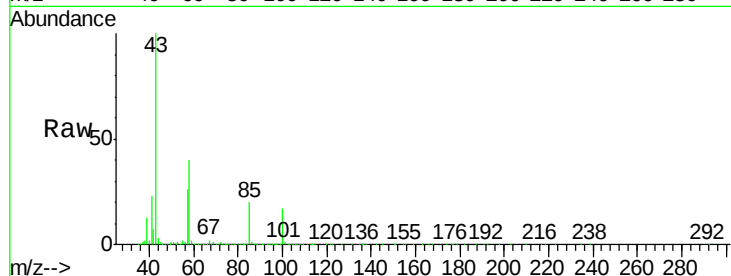
58 39.6 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 50.598 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011695.D

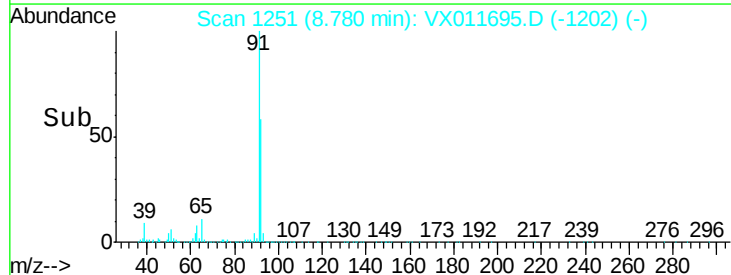
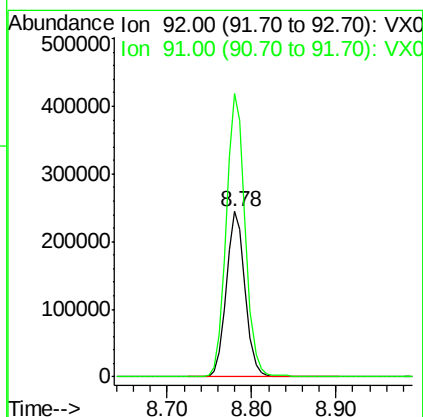
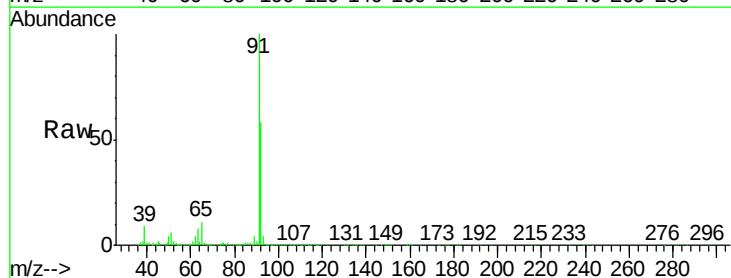
Acq: 20 Aug 2019 19:43

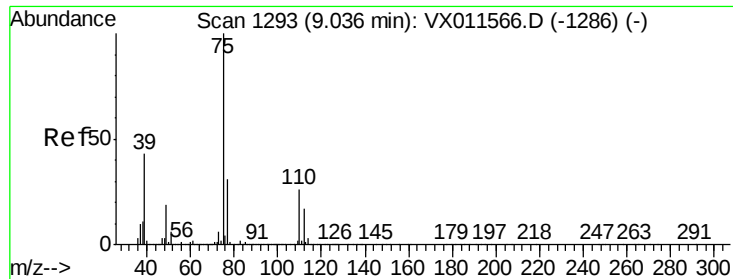
Tgt Ion: 92 Resp: 375156

Ion Ratio Lower Upper

92 100

91 172.6 138.0 207.0





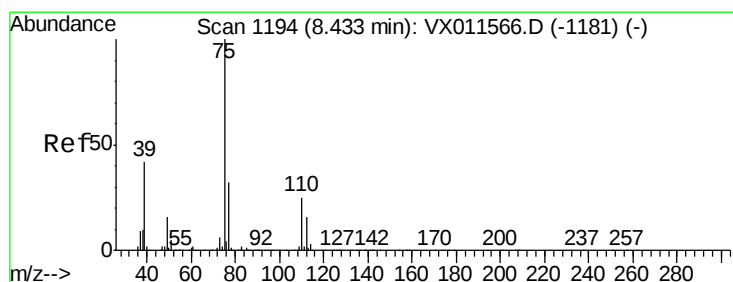
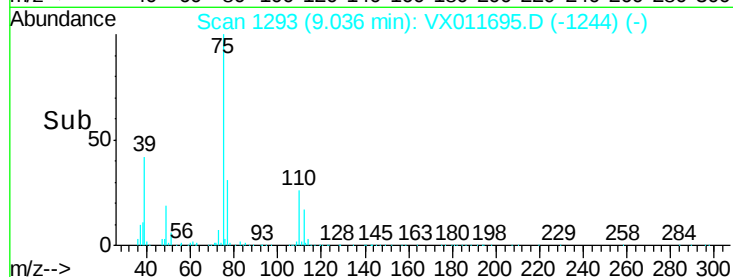
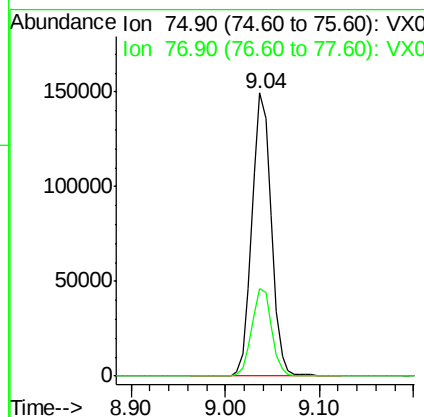
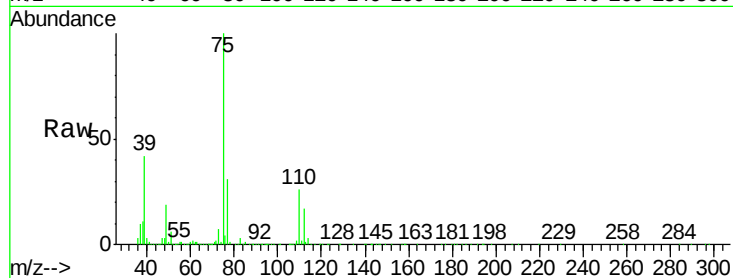
#53
t-1,3-Dichloropropene
Concen: 53.600 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.1	37.7

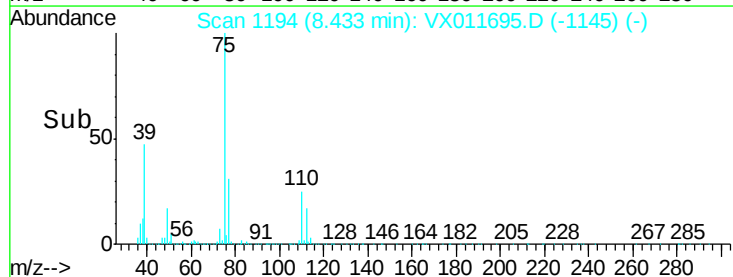
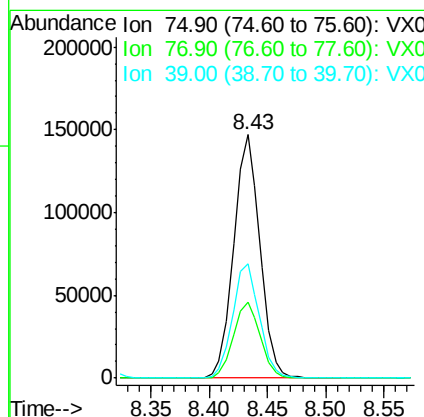
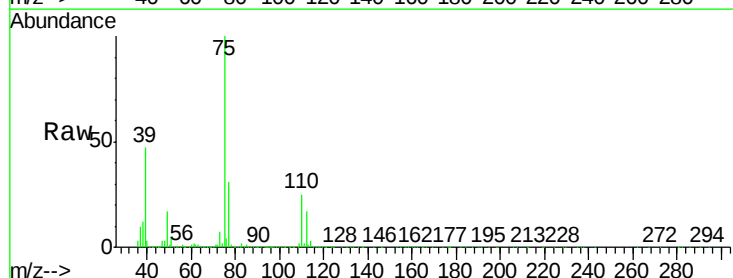
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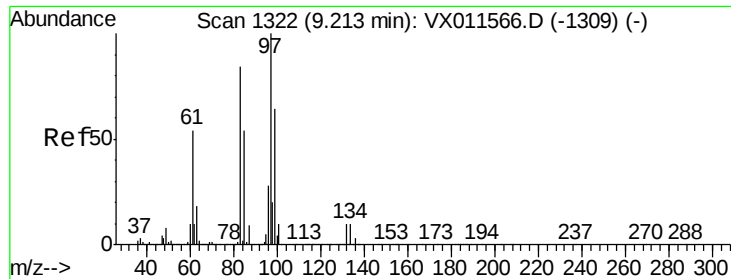
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.314 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3
39	46.7	33.6	50.4





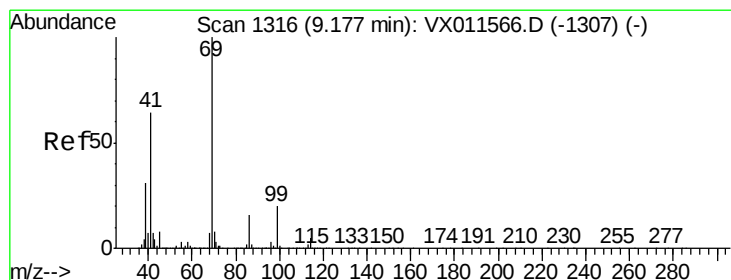
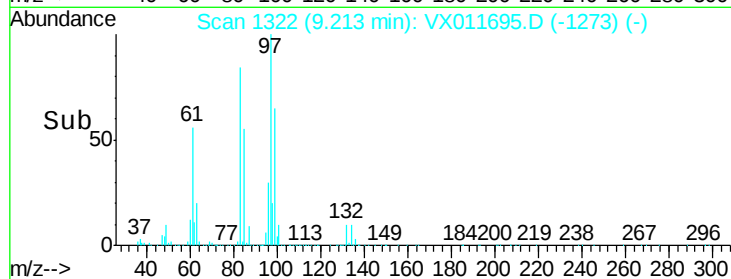
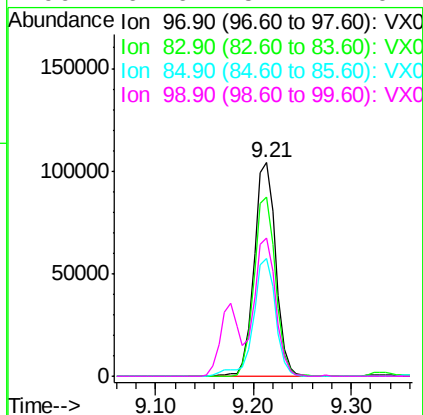
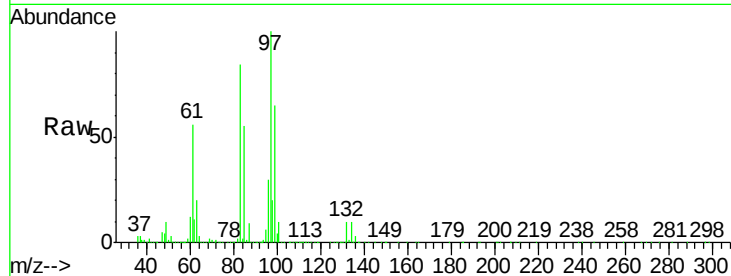
#55
 1,1,2-Trichloroethane
 Concen: 50.573 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		159457		
83	84.0	67.4	101.0		
85	54.9	43.4	65.2		
99	64.6	51.1	76.7		

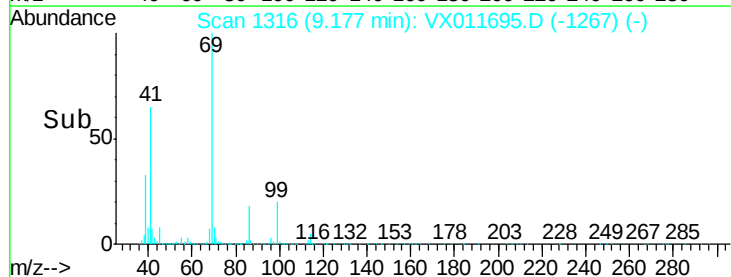
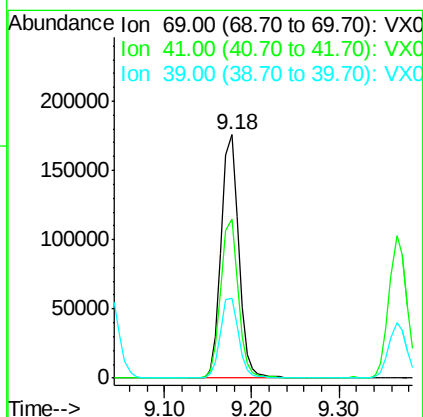
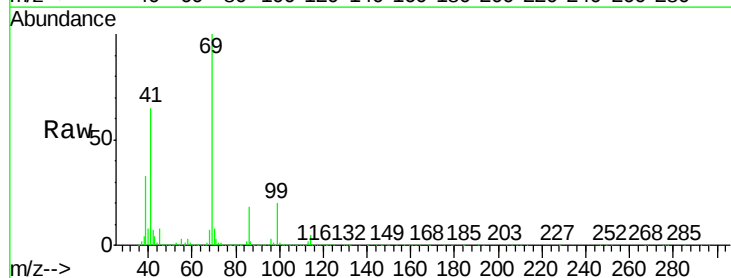
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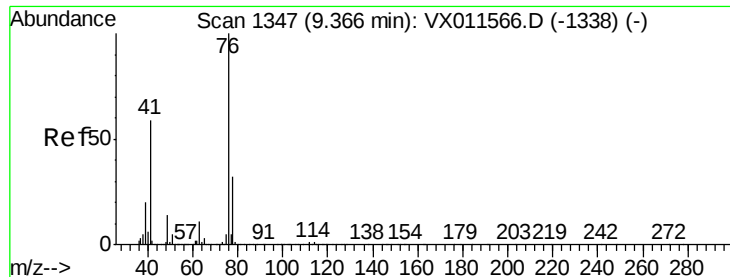
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 8/21/2019 9:36:18 AM



#56
 Ethyl methacrylate
 Concen: 53.175 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		243684		
41	65.0	52.1	78.1		
39	33.6	25.4	38.0		





#57

1,3-Dichloropropane

Concen: 49.293 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 247051

Ion Ratio Lower Upper

76 100

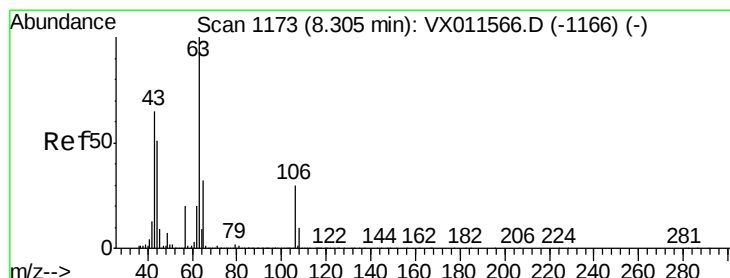
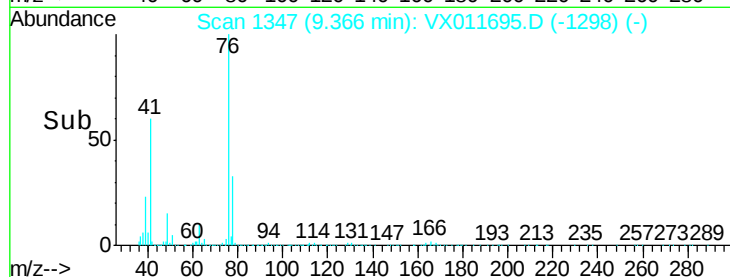
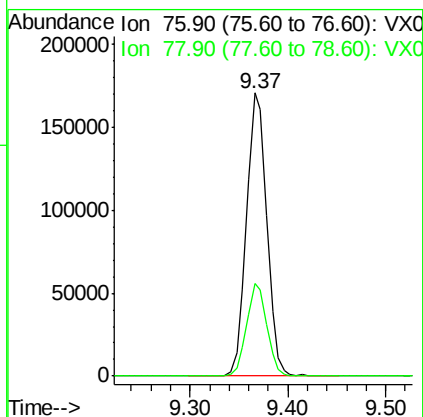
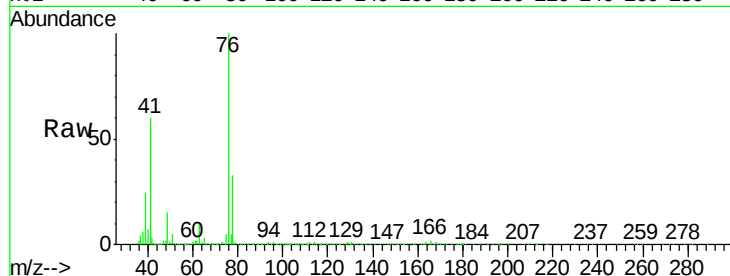
78 32.5 26.2 39.4

Manual Integrations

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8/21/2019 9:36:18 AM



#58

2-Chloroethyl Vinyl ether

Concen: 251.237 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011695.D

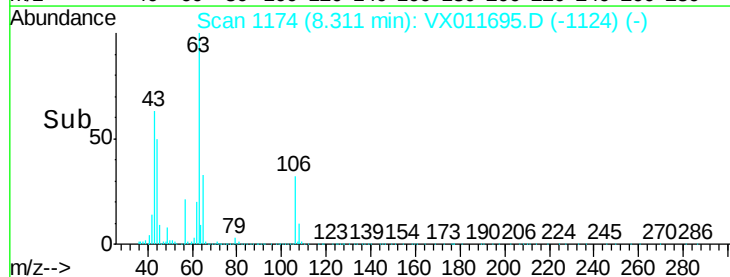
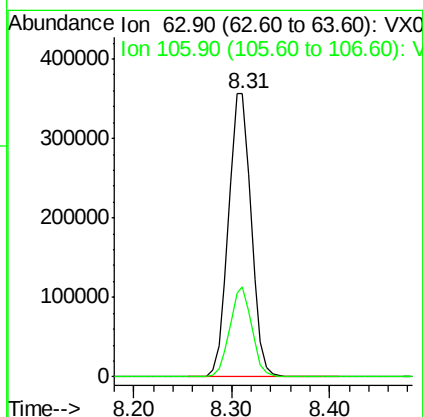
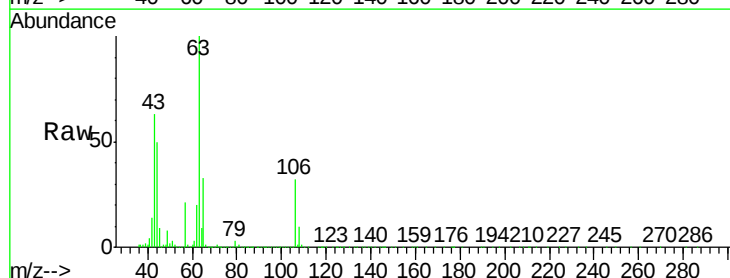
Acq: 20 Aug 2019 19:43

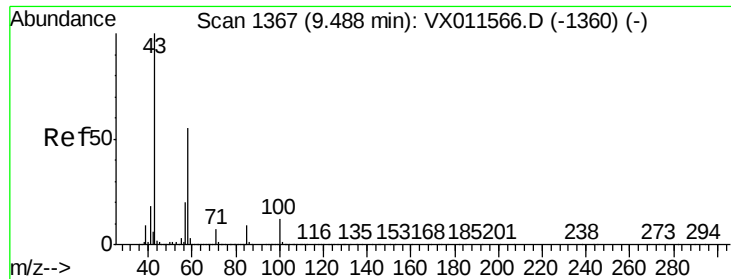
Tgt Ion: 63 Resp: 573669

Ion Ratio Lower Upper

63 100

106 30.7 24.7 37.1





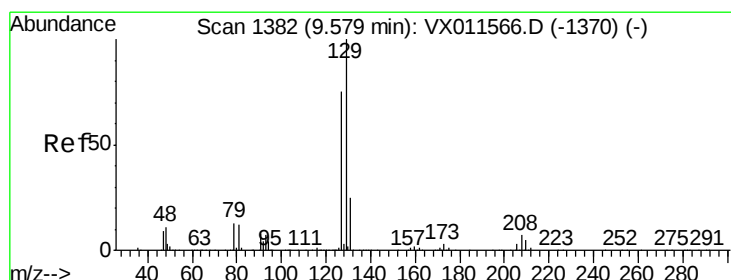
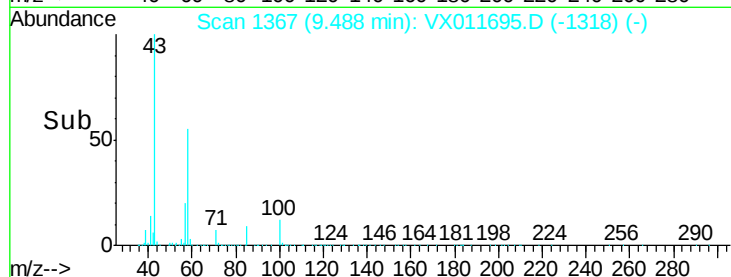
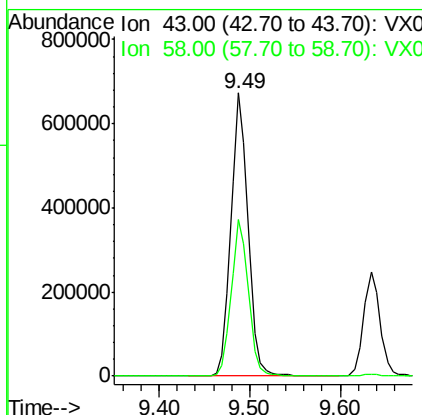
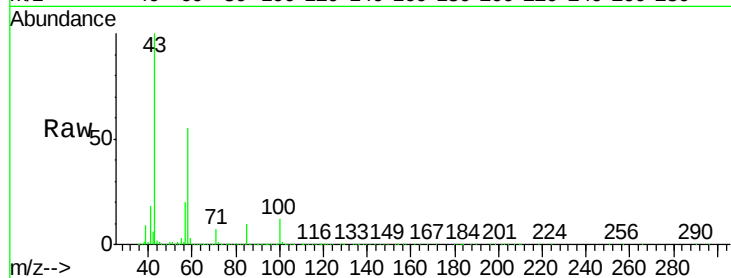
#59
2-Hexanone
Concen: 260.020 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	27.5	82.4

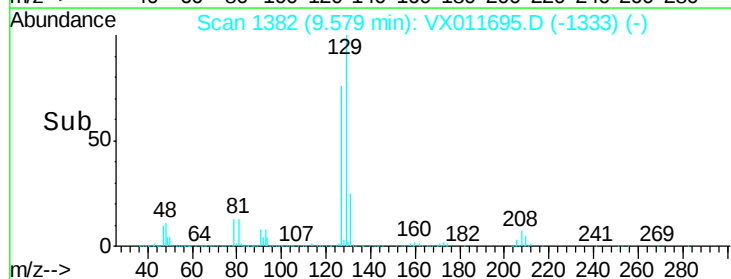
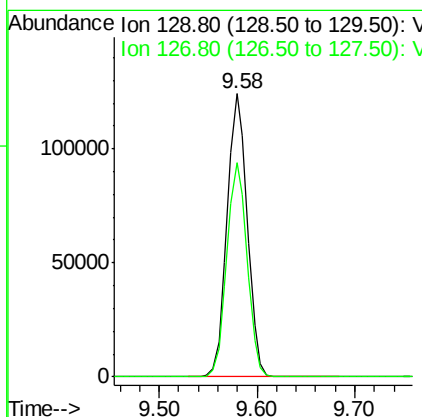
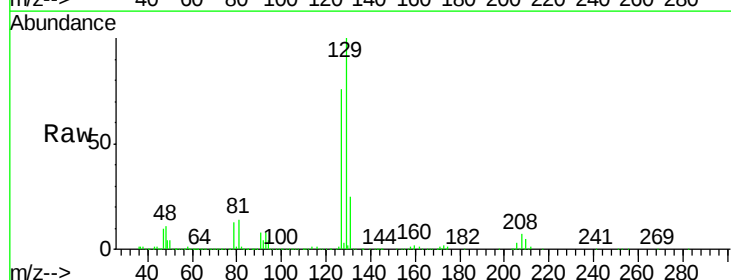
Manual Integrations
APPROVED

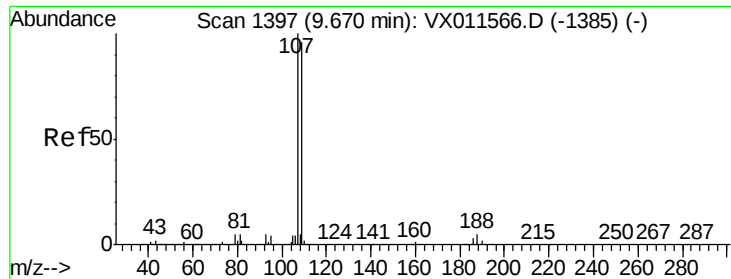
MMDadoda
8/21/2019 9:36:18 AM



#60
Dibromochloromethane
Concen: 54.289 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.0	114.1





#61

1,2-Dibromoethane

Concen: 51.603 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 173646

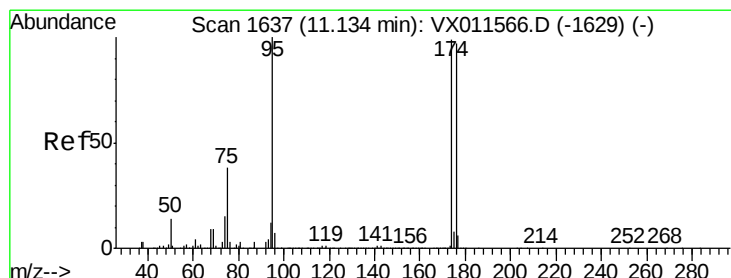
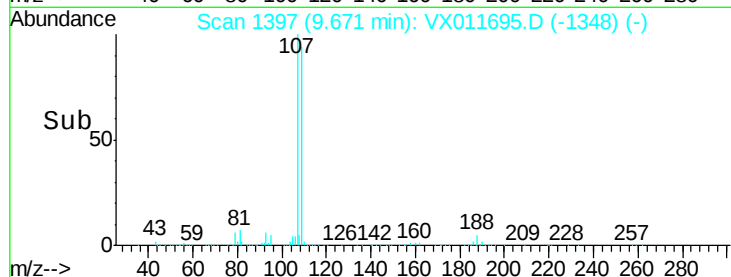
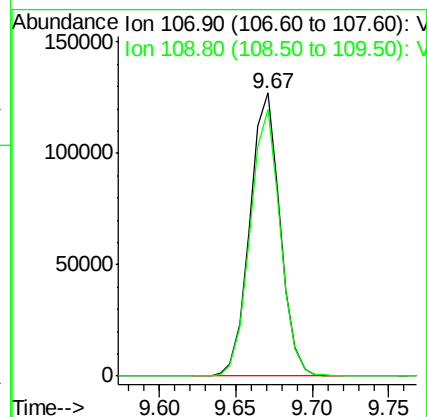
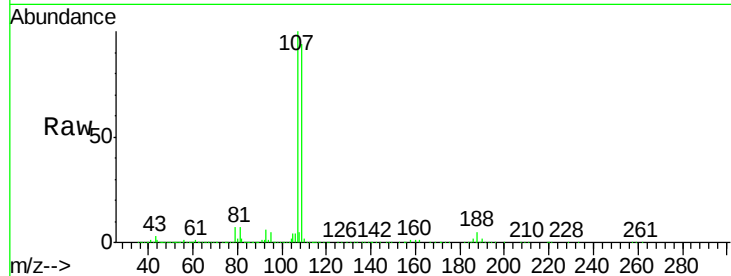
Ion Ratio Lower Upper

107 100

109 94.7 76.2 114.2

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#62

4-Bromofluorobenzene

Concen: 48.153 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

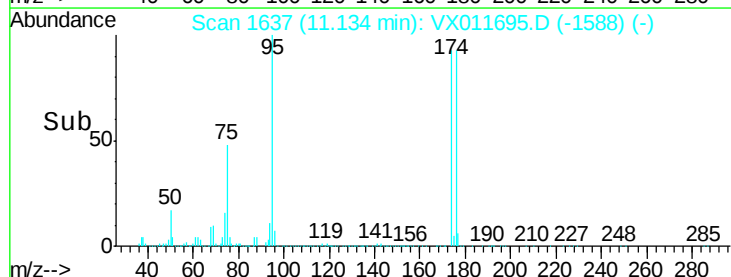
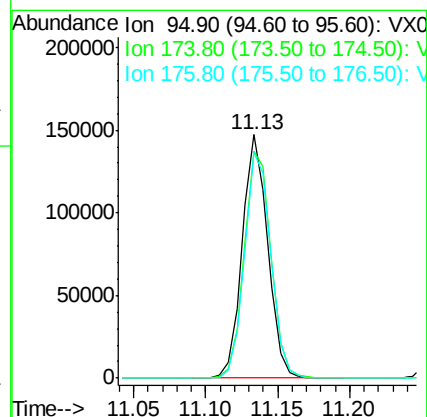
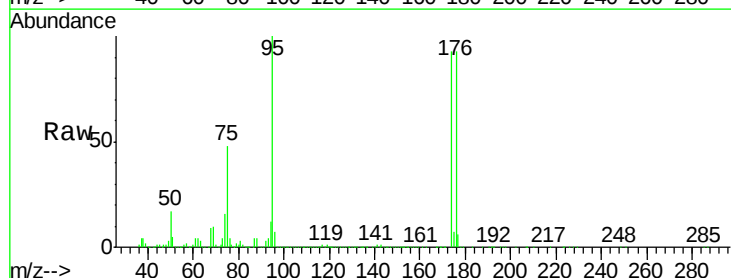
Tgt Ion: 95 Resp: 181432

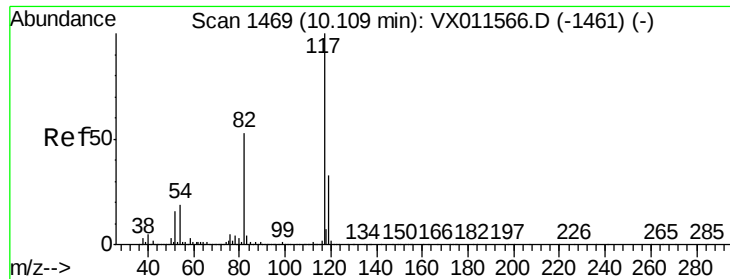
Ion Ratio Lower Upper

95 100

174 97.2 0.0 200.6

176 95.0 0.0 196.6





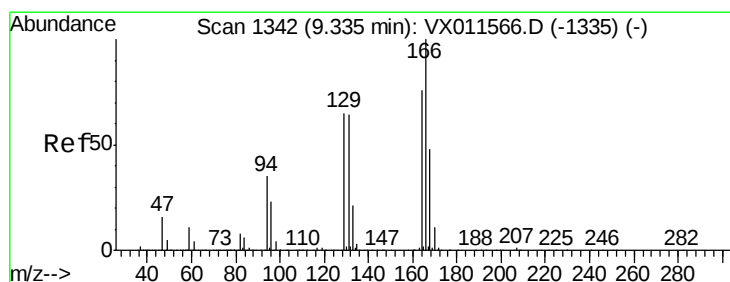
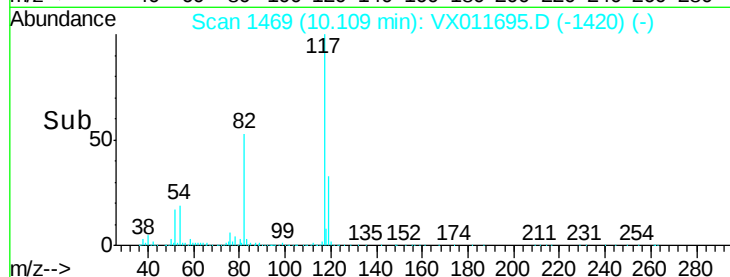
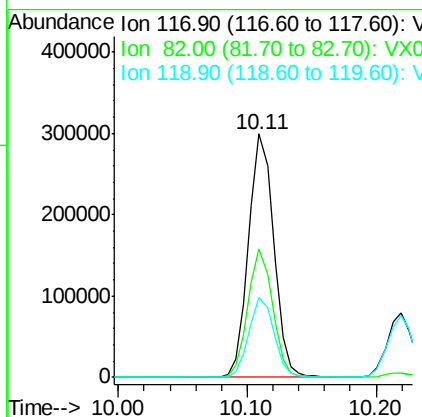
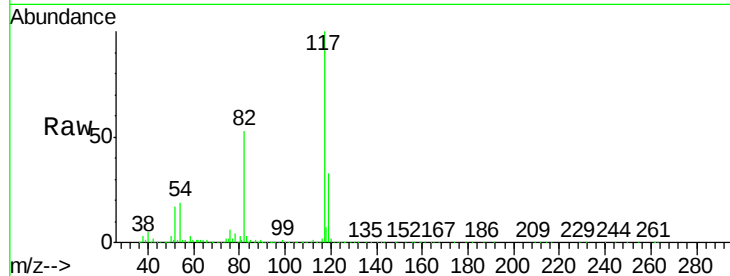
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	402697		
82	53.0	42.0	63.0	
119	32.6	26.5	39.7	

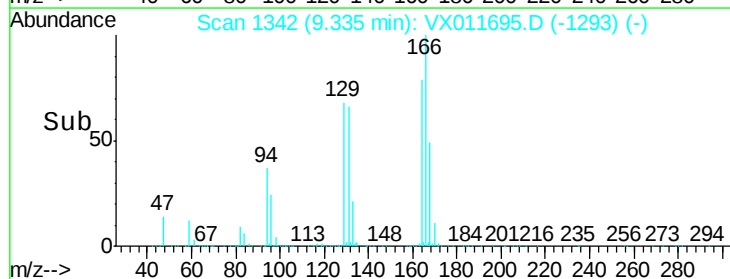
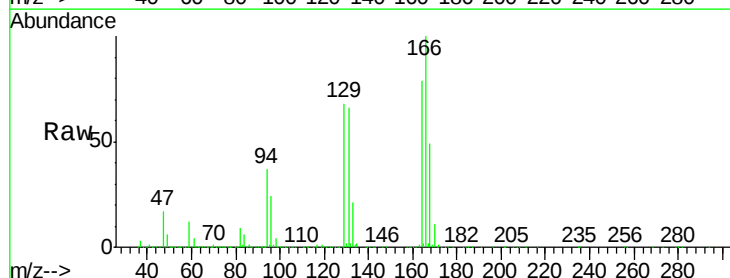
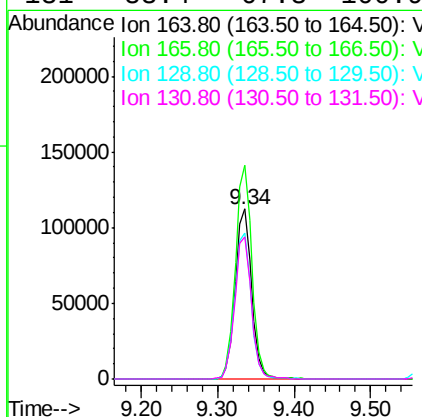
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APPROVED

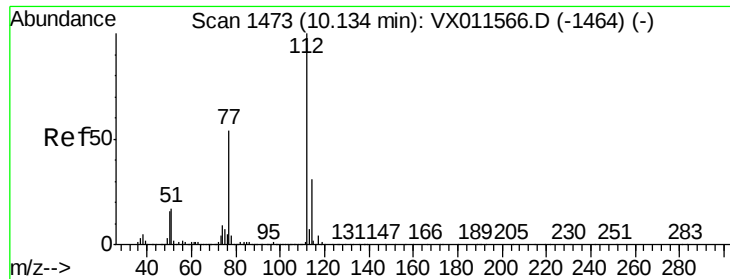
MMDadoda
8/21/2019 9:36:18 AM



#64
Tetrachloroethene
Concen: 50.407 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166548		
166	125.9	104.7	157.1	
129	86.0	68.2	102.4	
131	83.4	67.3	100.9	





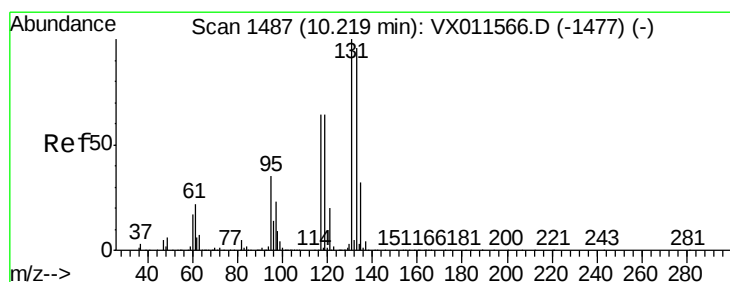
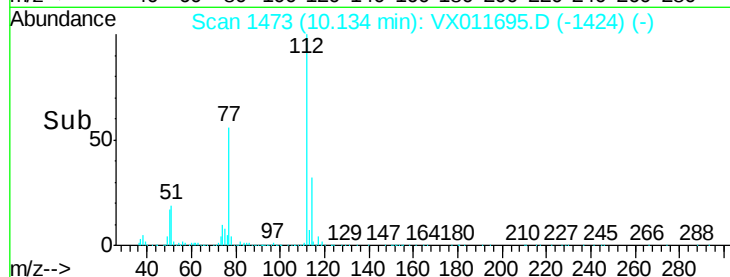
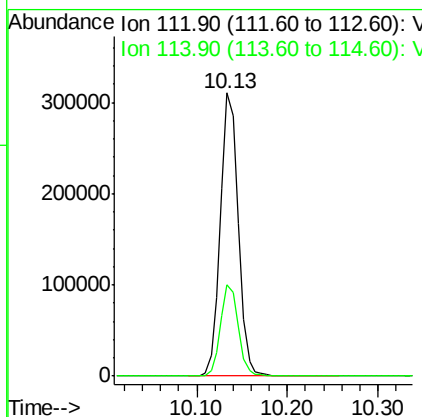
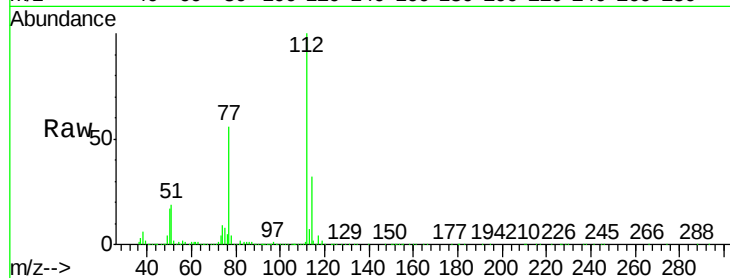
#65
Chlorobenzene
Concen: 50.074 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.0	37.6

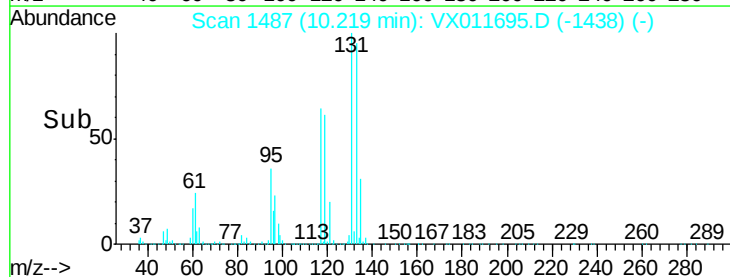
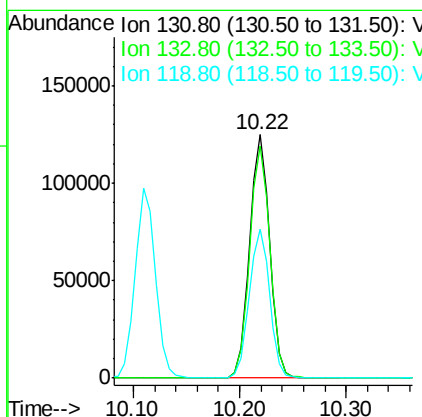
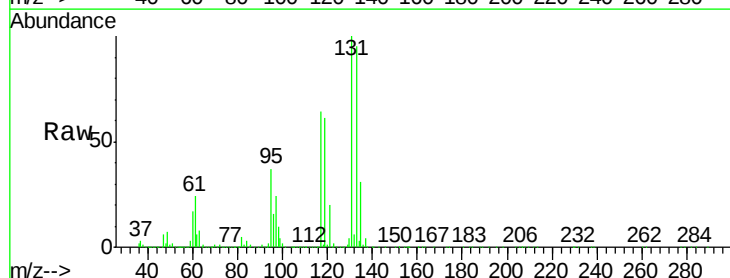
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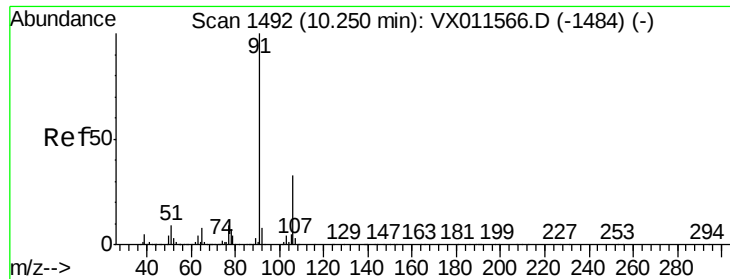
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.700 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.1	144.4
119	62.3	31.3	93.8





#67

Ethyl Benzene

Concen: 51.130 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 732924

Ion Ratio Lower Upper

91 100

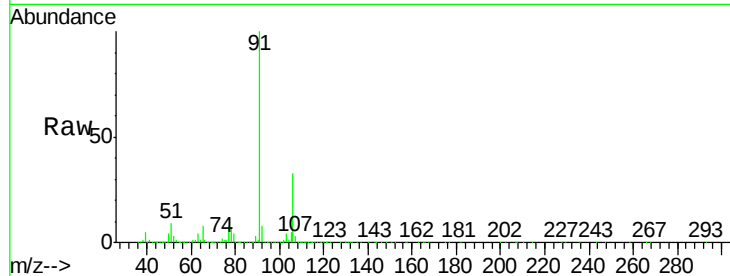
106 32.7 26.0 39.0

Manual Integrations

APPROVED

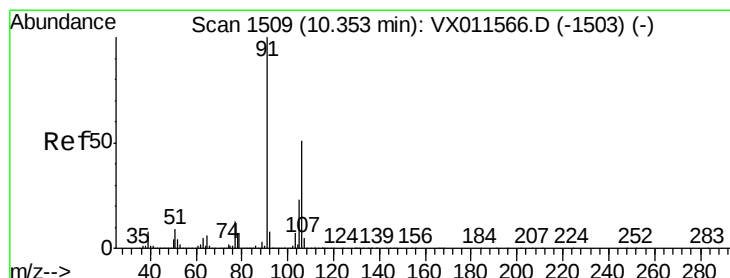
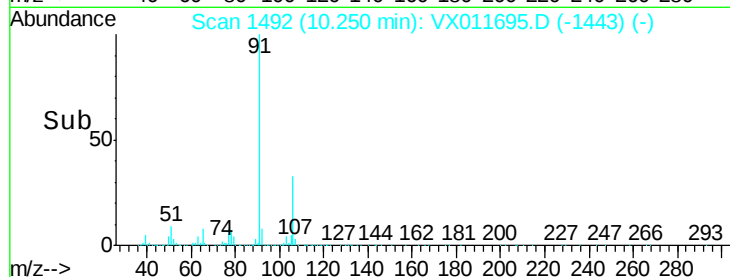
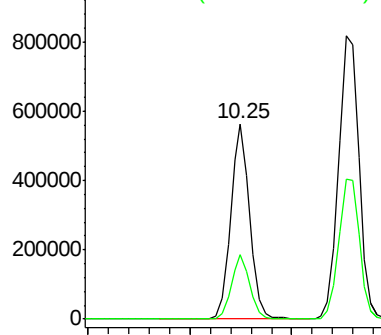
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.483 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011695.D

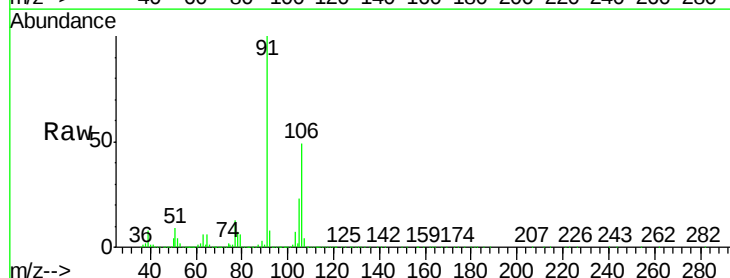
Acq: 20 Aug 2019 19:43

Tgt Ion: 106 Resp: 569395

Ion Ratio Lower Upper

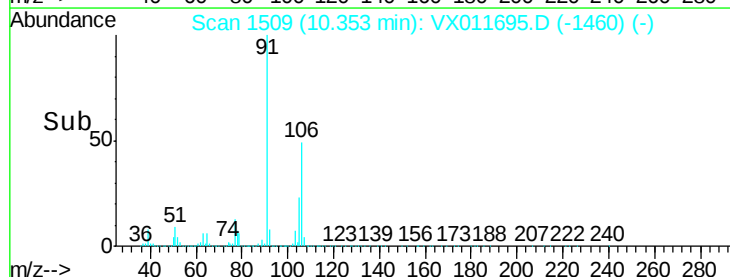
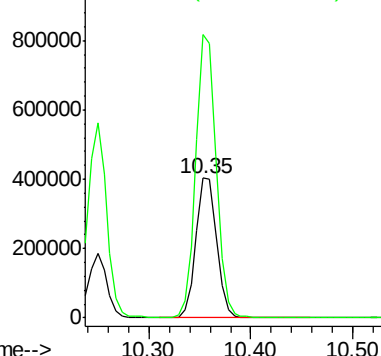
106 100

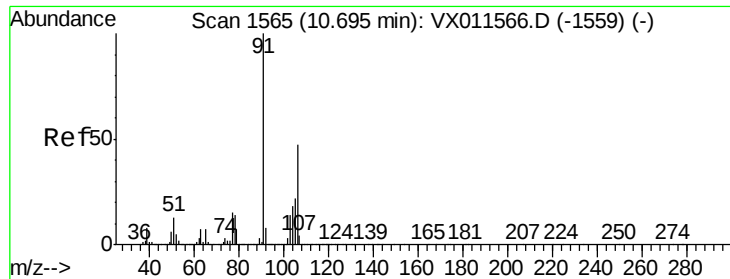
91 199.3 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





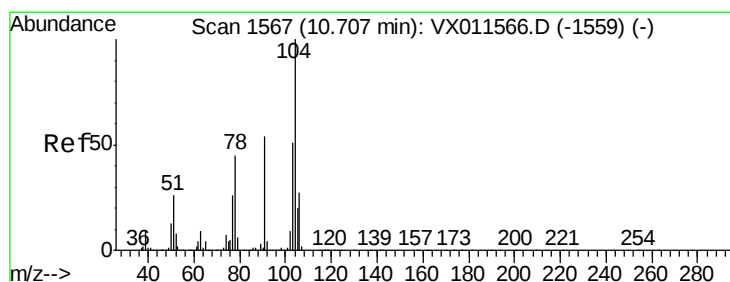
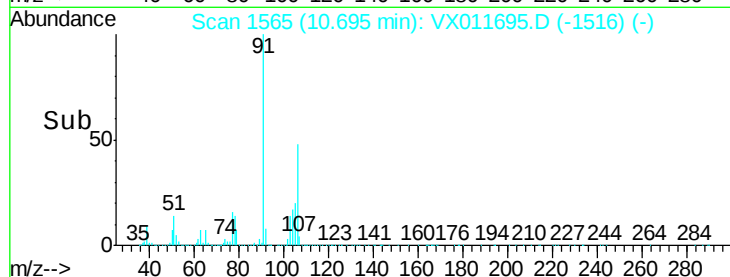
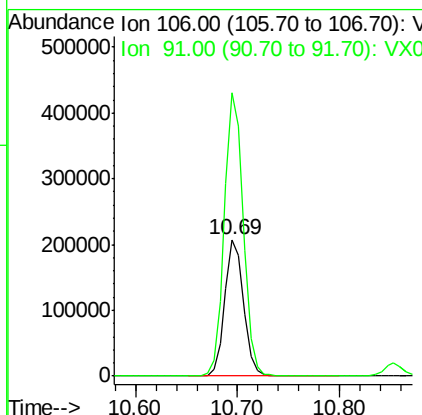
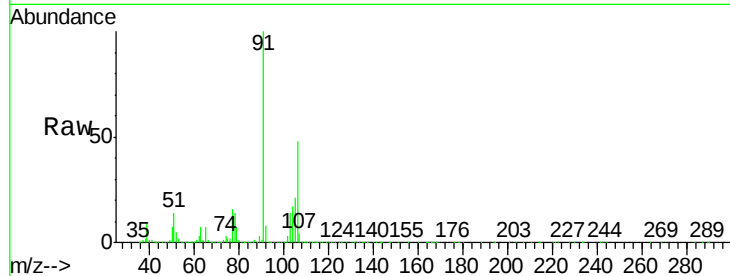
#69
o-Xylene
Concen: 48.976 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	263967		
91	210.0	105.5	316.4	

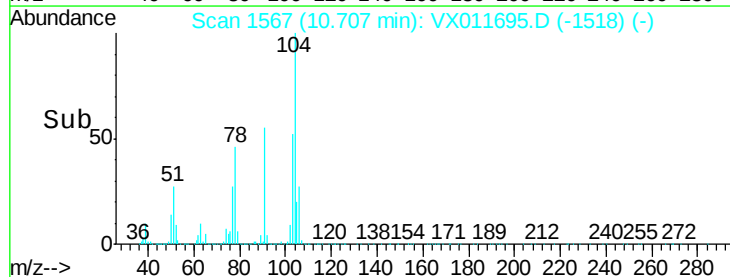
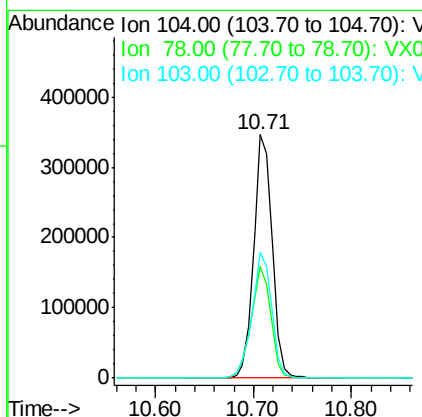
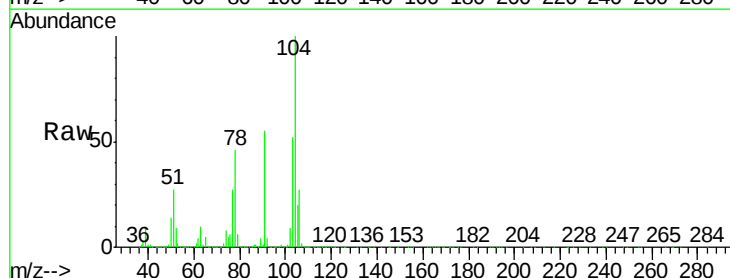
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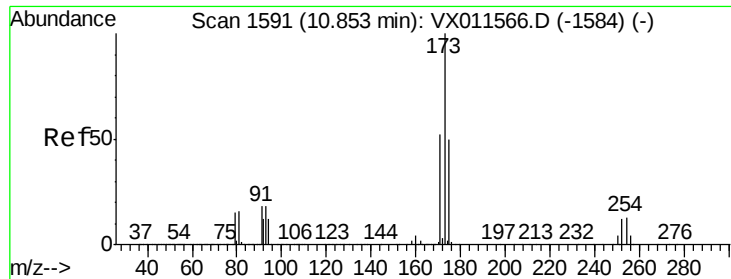
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#70
Styrene
Concen: 49.902 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	452768		
78	49.0	38.2	57.4	
103	55.3	43.6	65.4	





#71

Bromoform

Concen: 43.376 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

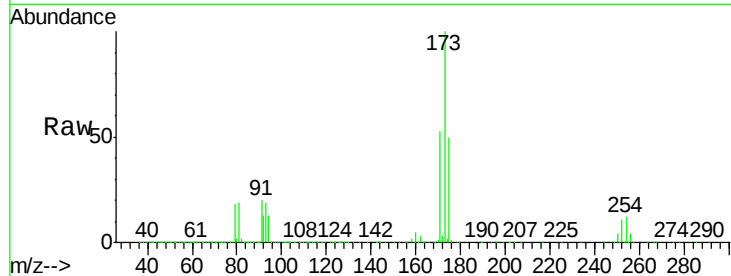
ClientSampled :

VSTDCCC050

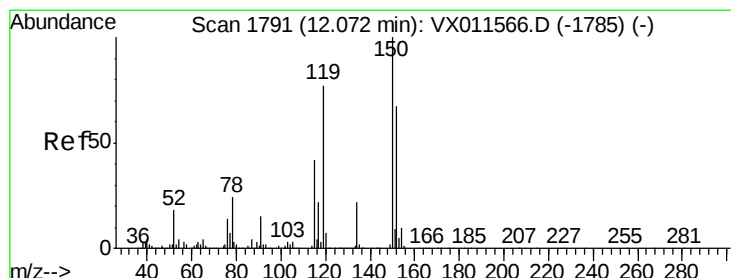
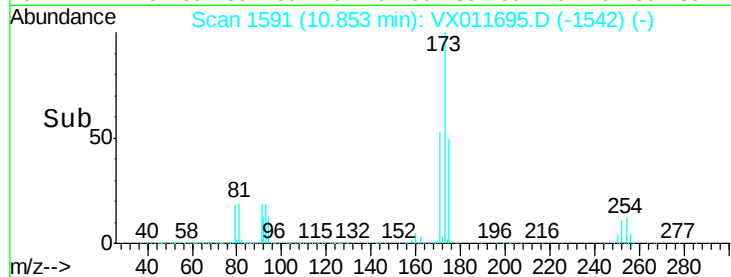
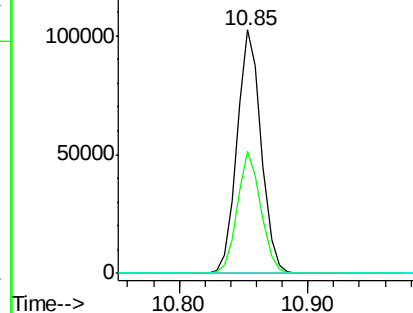
Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.1	24.9	74.7	
254	0.3	0.1	0.1	

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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

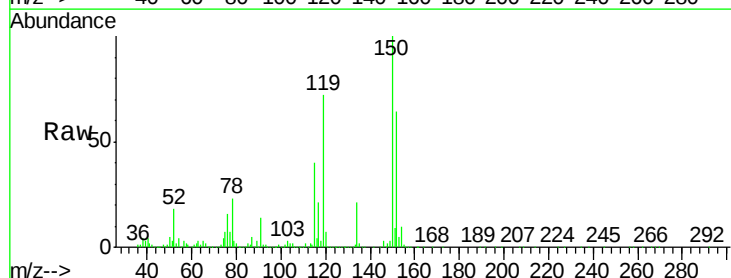
RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

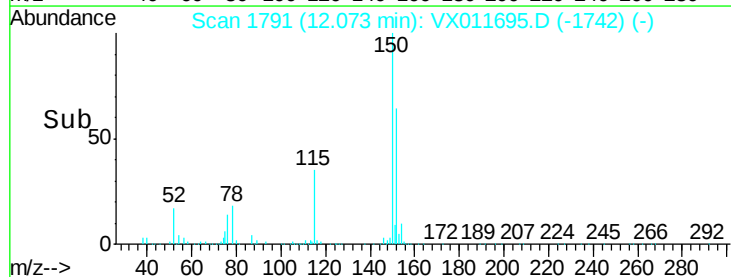
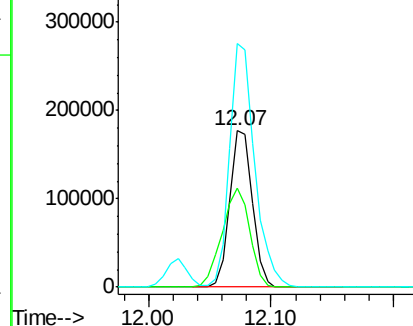
Lab File: VX011695.D

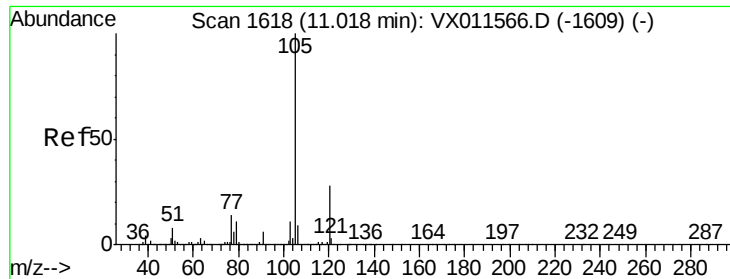
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	77.5	37.3	111.9	
150	173.1	0.0	346.2	



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: 50.237 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 735311

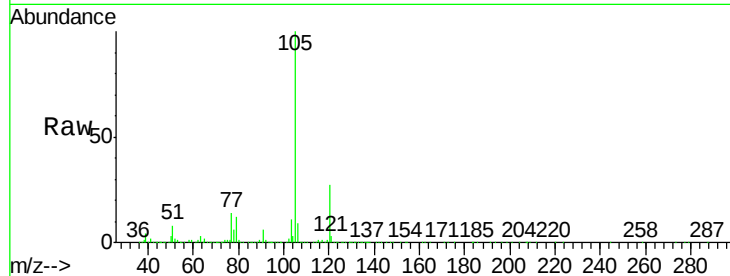
Ion Ratio Lower Upper

105 100

120 27.0 14.0 41.9

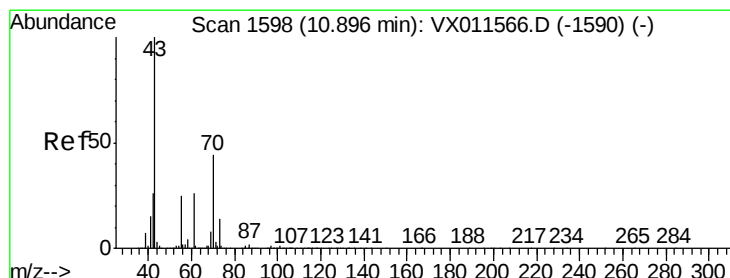
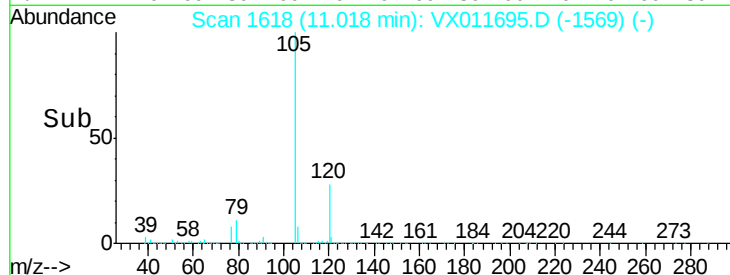
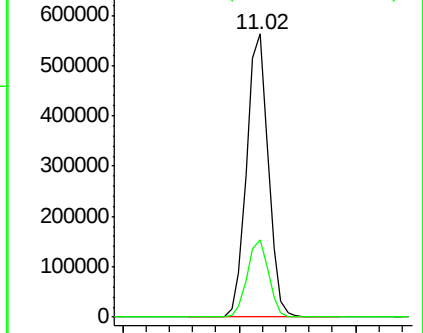
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.431 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion: 43 Resp: 295030

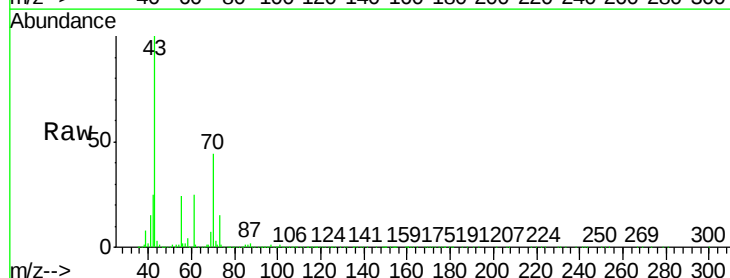
Ion Ratio Lower Upper

43 100

70 43.3 34.7 52.1

55 24.5 19.6 29.4

61 24.4 19.9 29.9

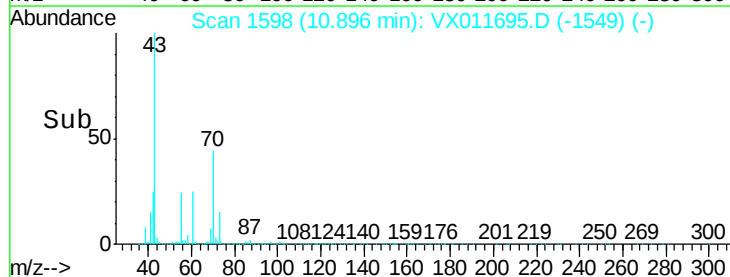
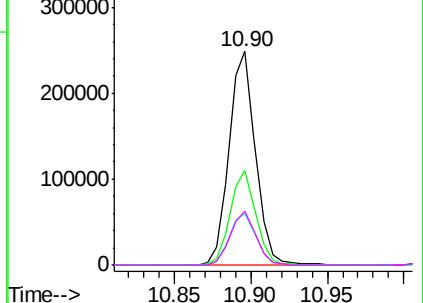


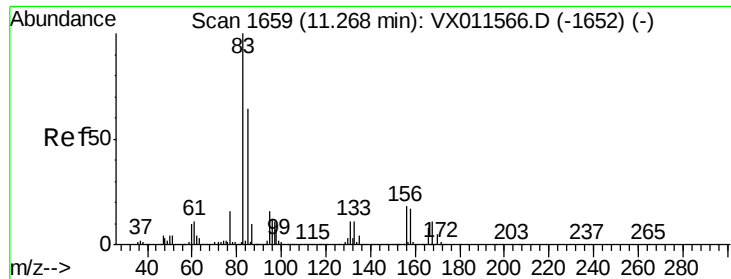
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.995 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

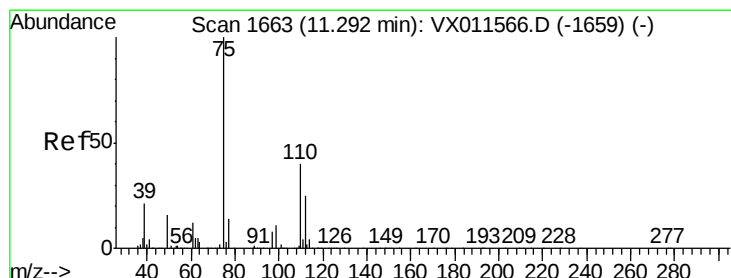
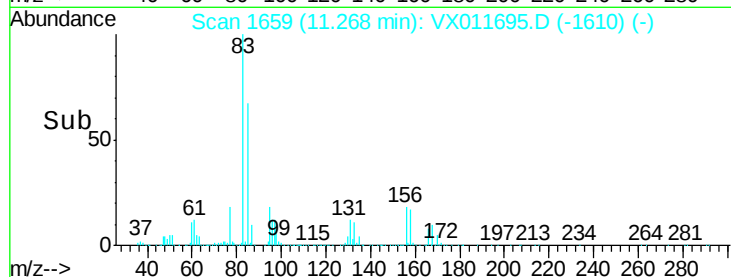
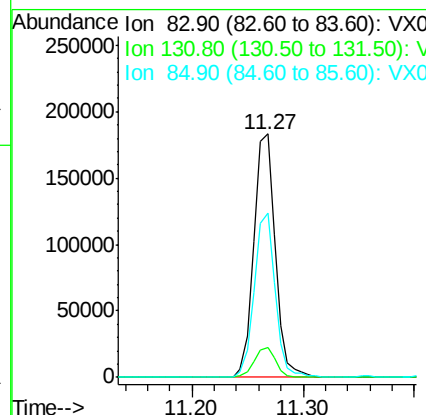
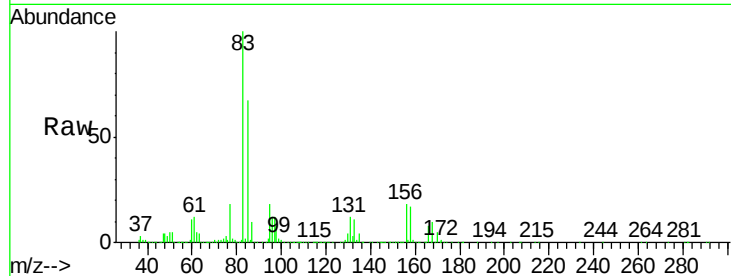
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	246699
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.8	17.3
85	65.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.677 ug/l m

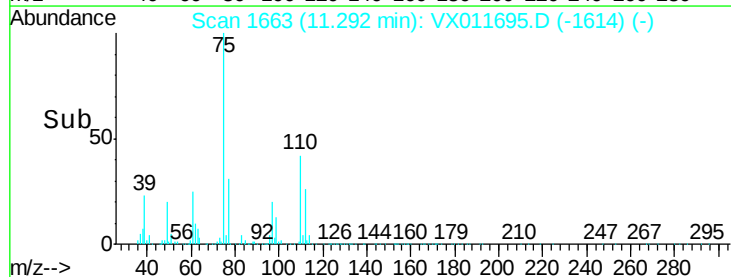
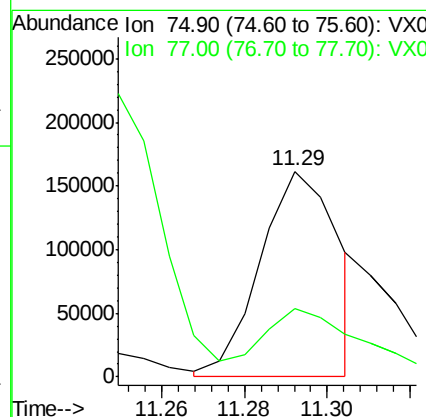
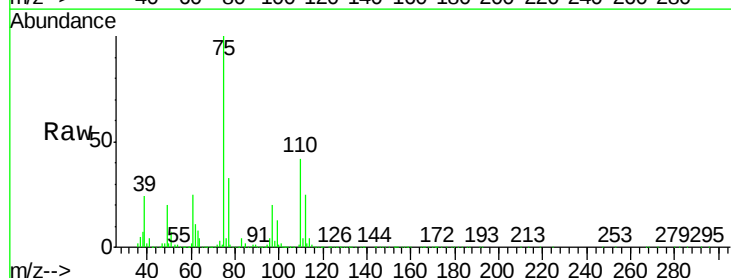
RT: 11.29 min Scan# 1663

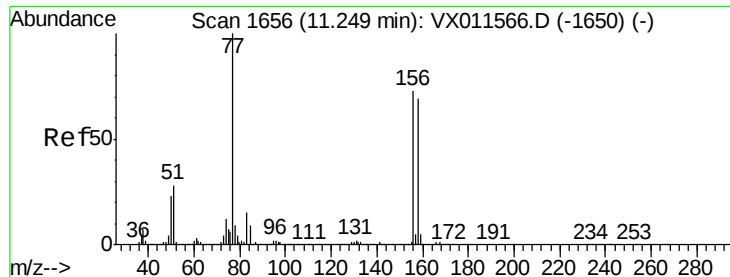
Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	75	Resp:	212485
Ion Ratio	Lower	Upper	
75	100		
77	42.2	20.9	62.8





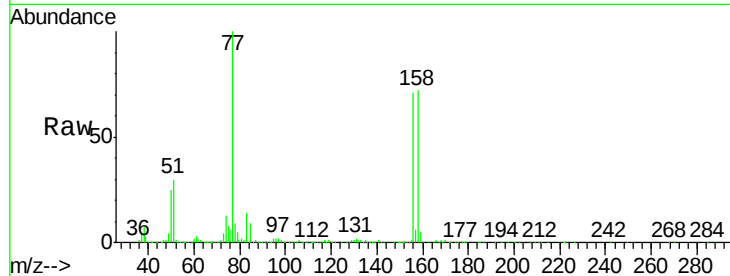
#77
Bromobenzene
Concen: 48.580 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

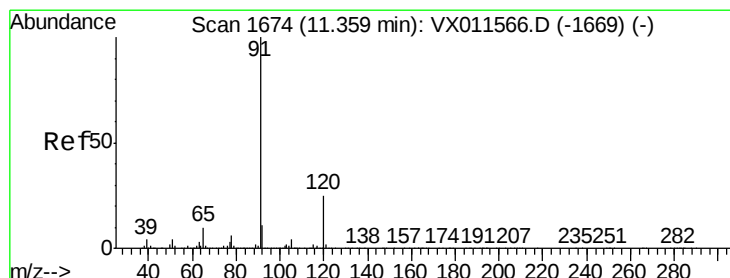
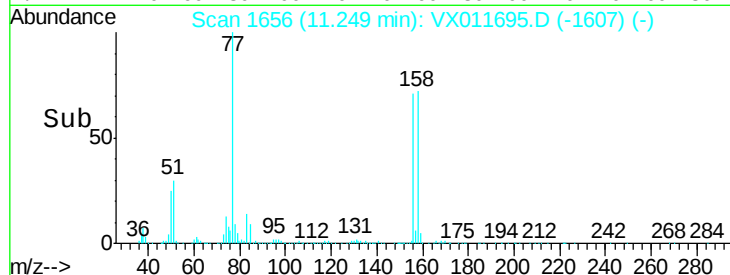
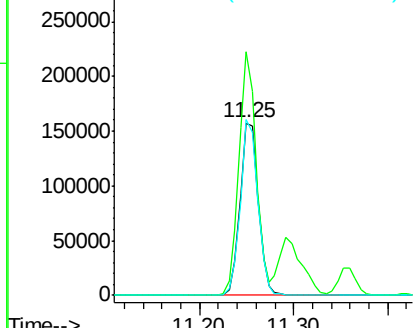
Tot Ion	Ratio	Lower	Upper
156	100		
77	133.9	64.6	193.9
158	97.9	48.4	145.3

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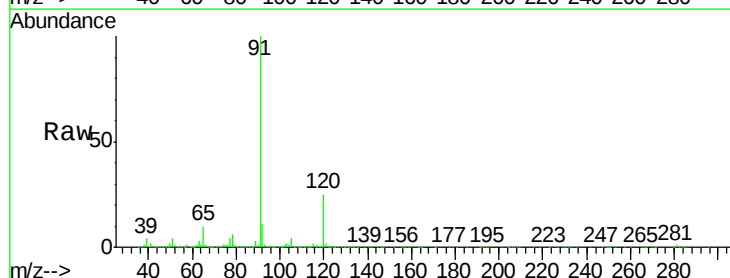


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

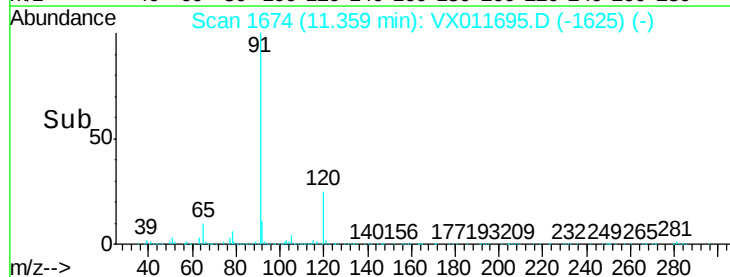
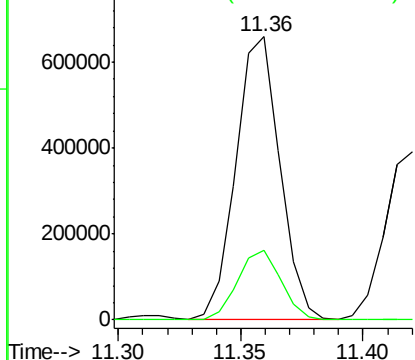


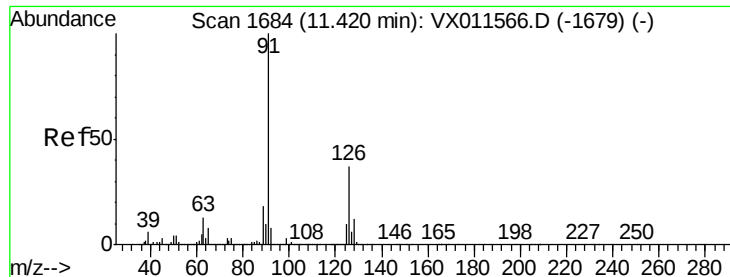
#78
n-propylbenzene
Concen: 51.840 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.6	37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.978 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 494053

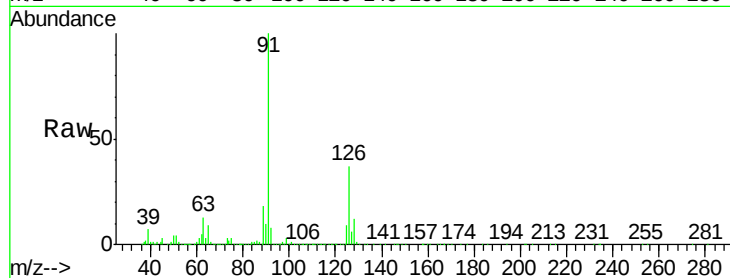
Ion Ratio Lower Upper

91 100

126 36.8 18.4 55.0

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Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011566.D (-1679) (-)

600000

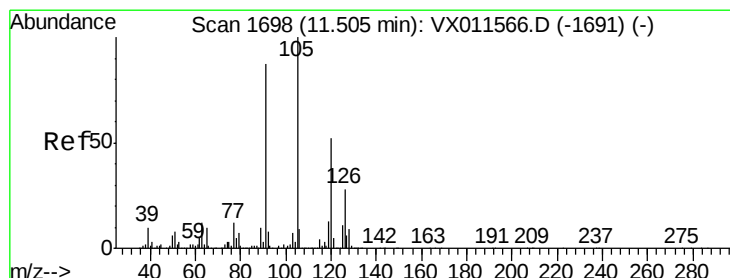
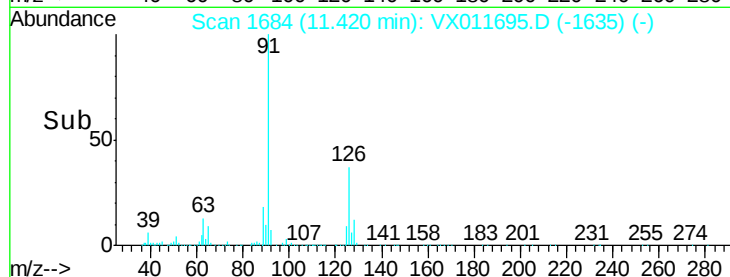
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.904 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011695.D

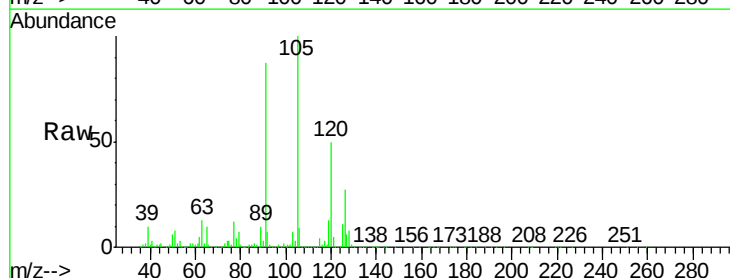
Acq: 20 Aug 2019 19:43

Tgt Ion: 105 Resp: 638187

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX011566.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011566.D (-1691) (-)

600000

500000

400000

300000

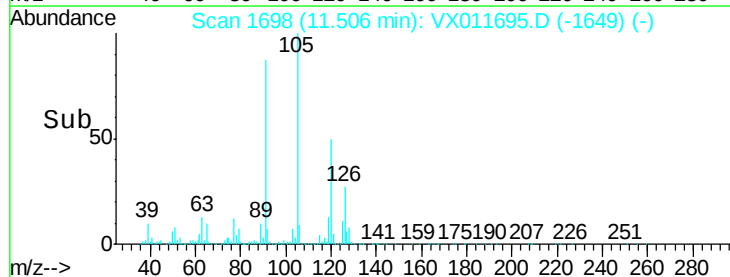
200000

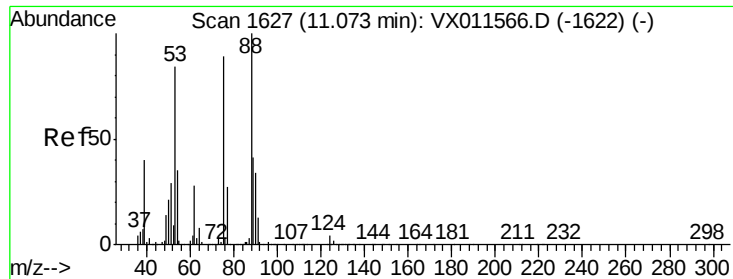
100000

0

11.45 11.50 11.55

Time-->





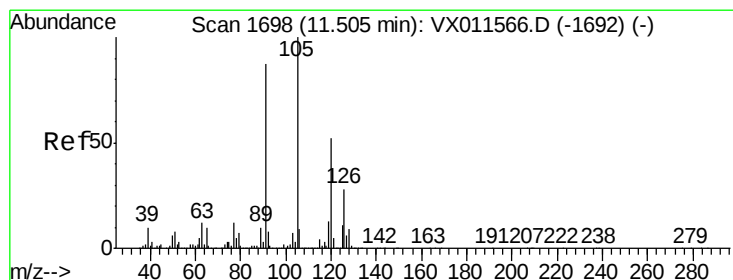
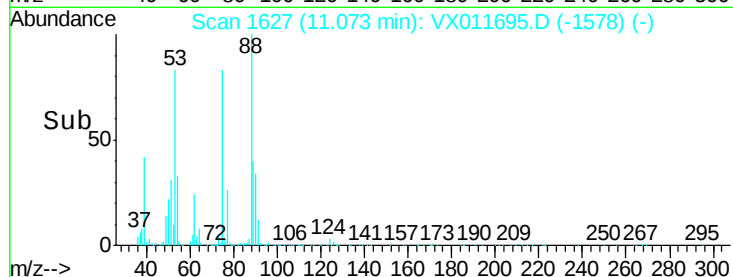
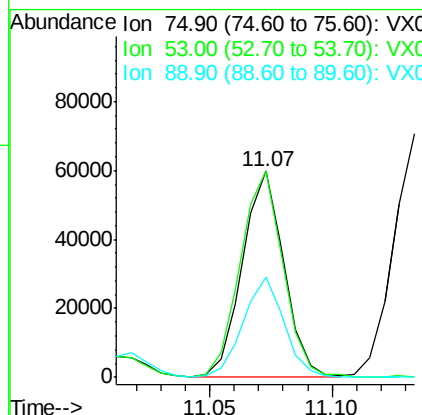
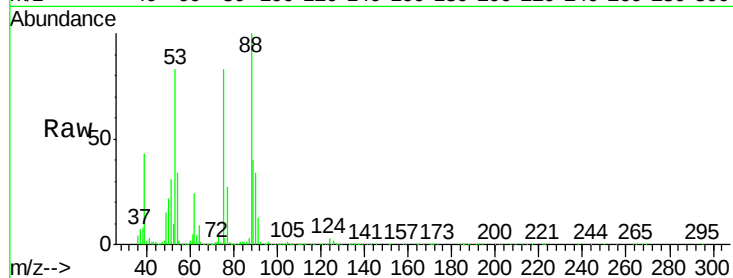
#81
trans-1,4-Dichloro-2-butene
Concen: 44.705 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	77.4	116.0
89	48.8	37.3	55.9

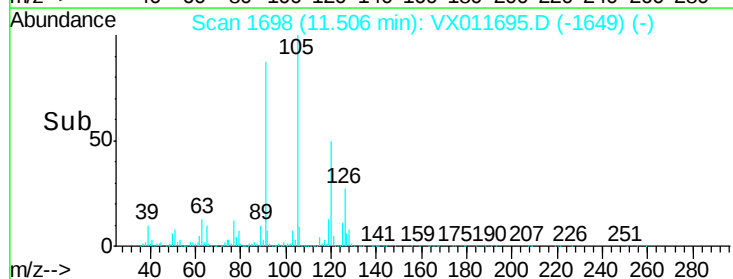
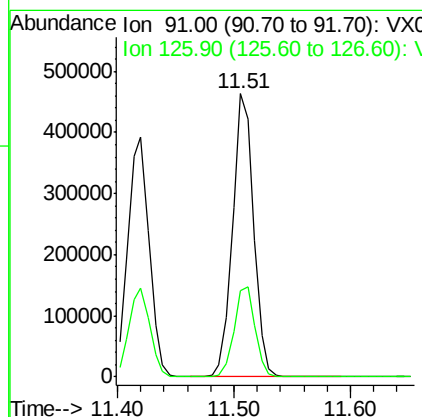
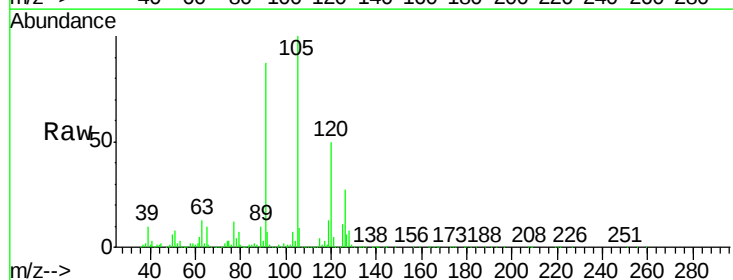
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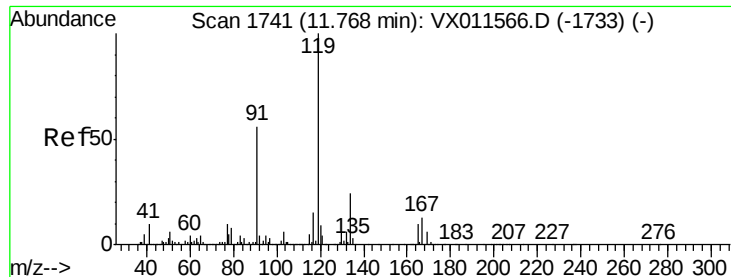
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#82
4-Chlorotoluene
Concen: 51.851 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.1





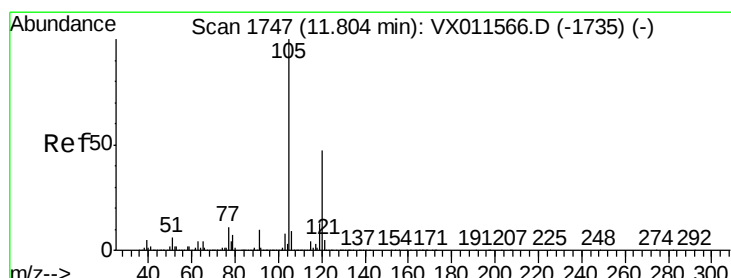
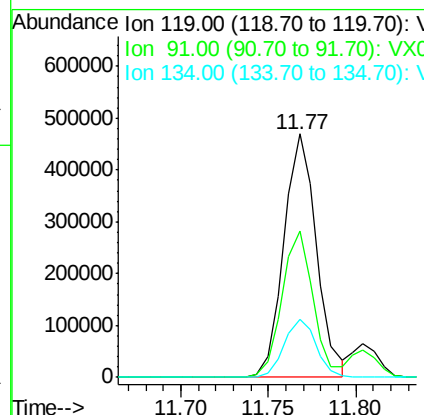
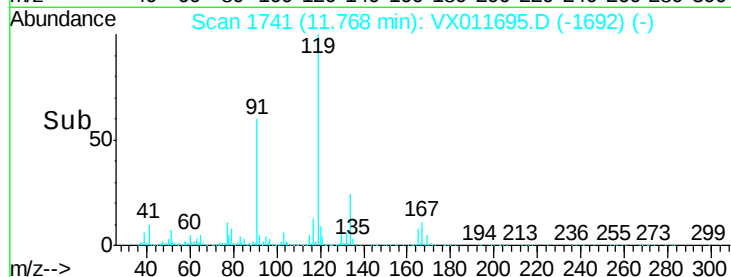
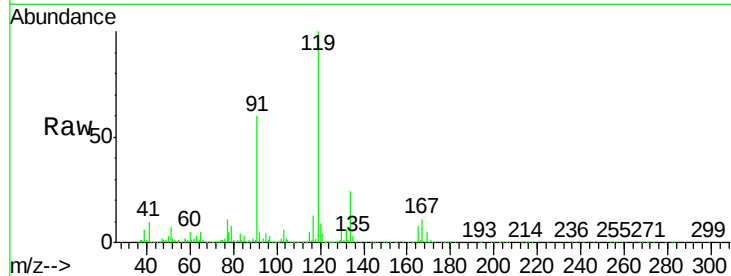
#83
tert-Butylbenzene
Concen: 48.772 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	610754		
91	57.6	27.1	81.3	
134	23.6	11.8	35.3	

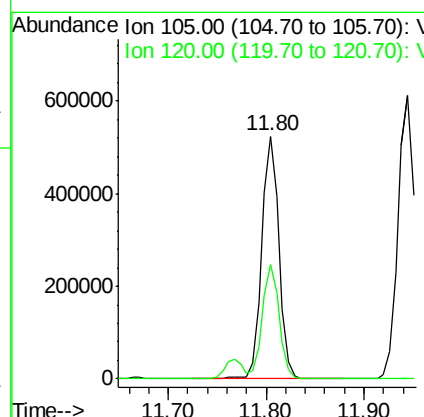
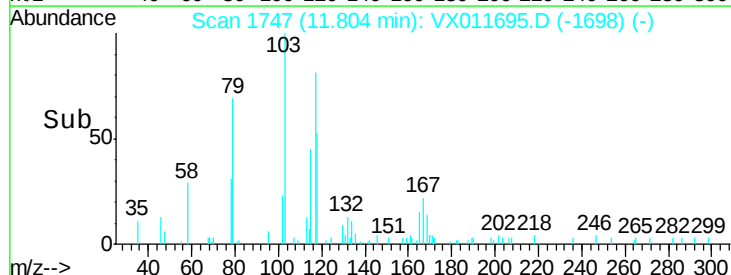
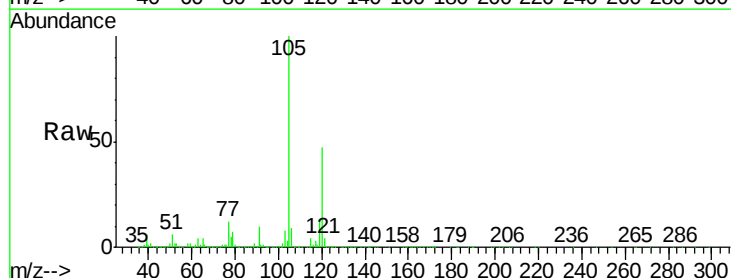
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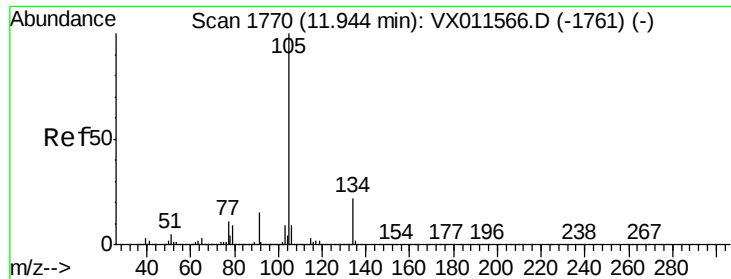
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#84
1,2,4-Trimethylbenzene
Concen: 51.284 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	633042		
120	46.4	23.3	69.9	





#85

sec-Butylbenzene

Concen: 51.557 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 728434

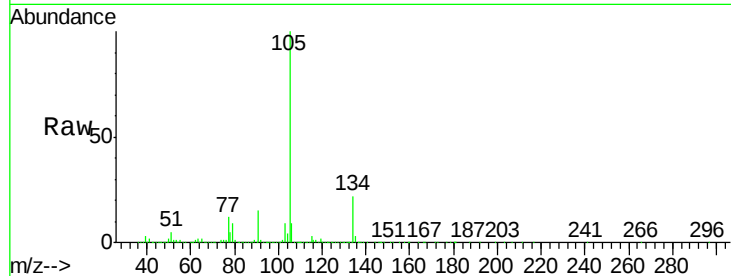
Ion Ratio Lower Upper

105 100

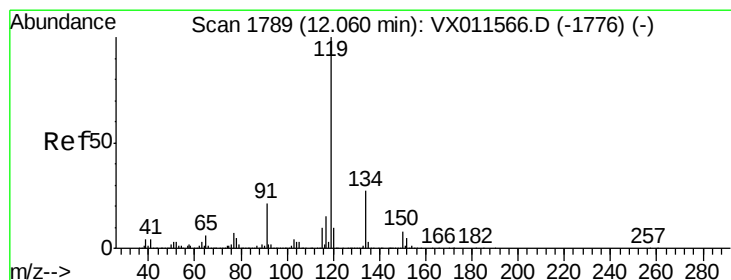
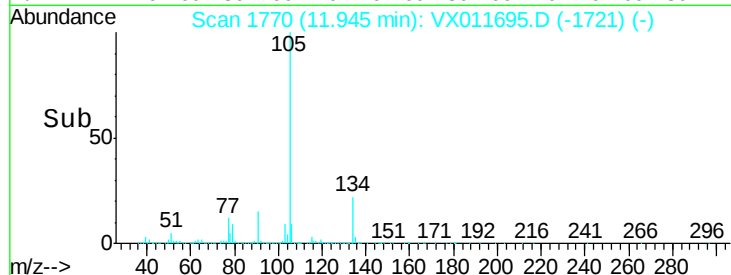
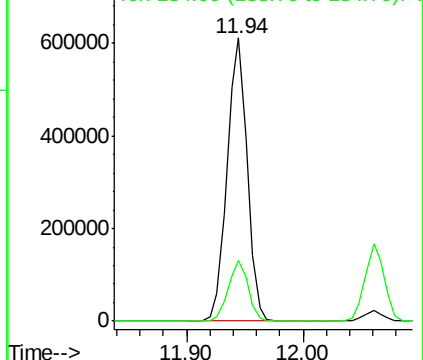
134 21.4 10.8 32.4

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.906 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

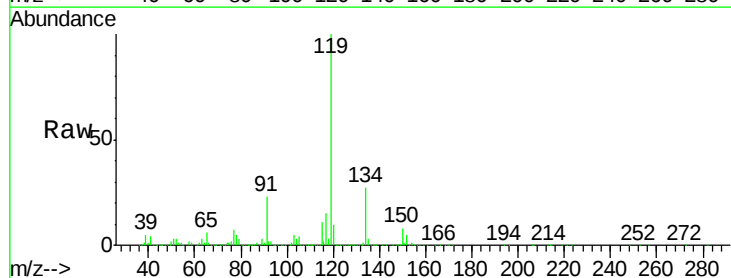
Tgt Ion:119 Resp: 703211

Ion Ratio Lower Upper

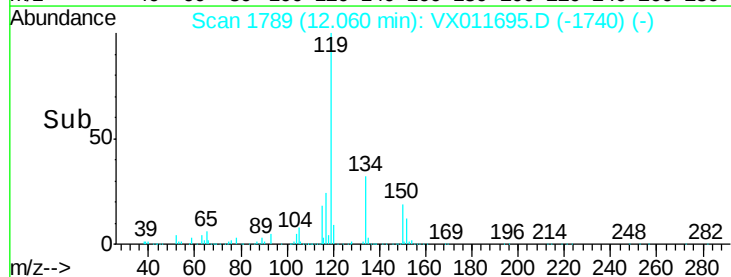
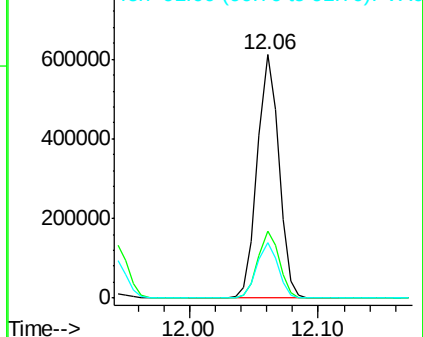
119 100

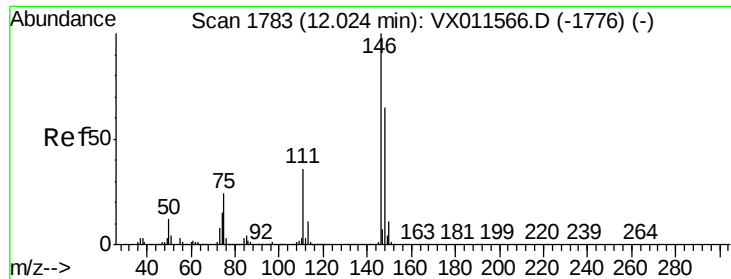
134 27.1 13.6 40.8

91 22.5 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





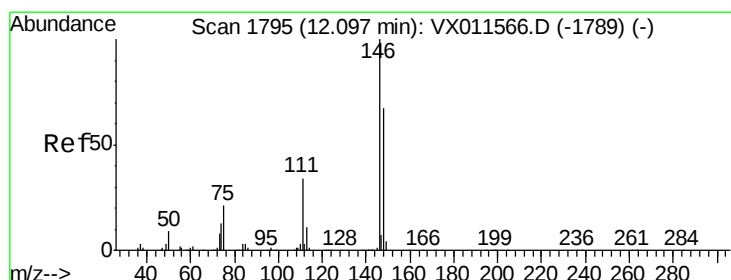
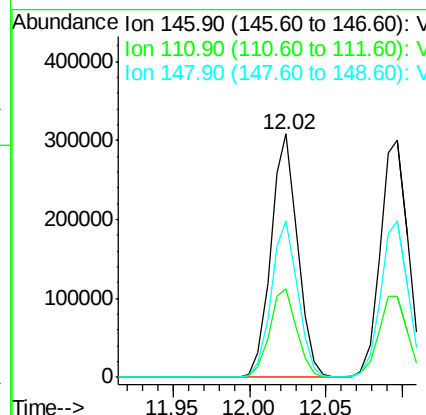
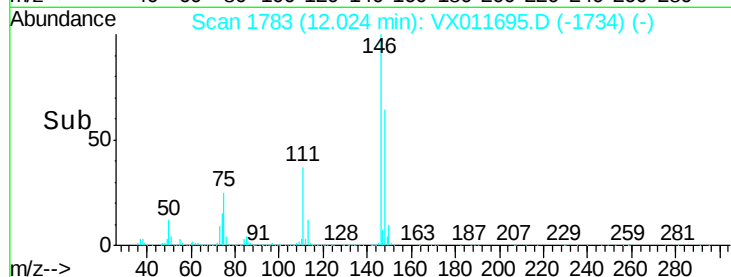
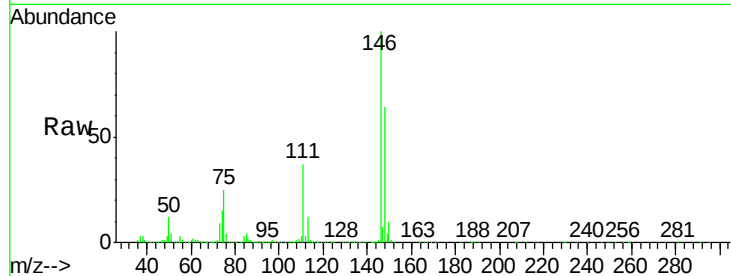
#87
 1,3-Dichlorobenzene
 Concen: 50.307 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.4
148	64.1	32.0	96.0

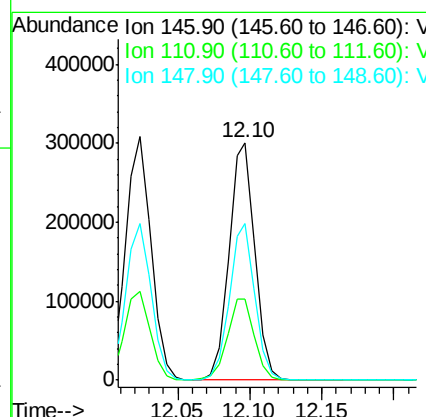
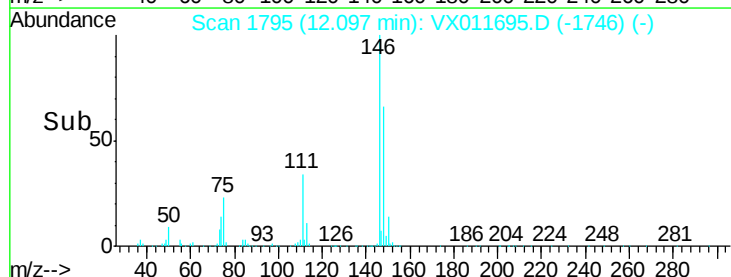
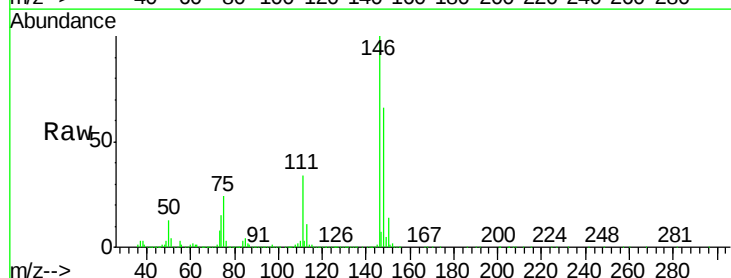
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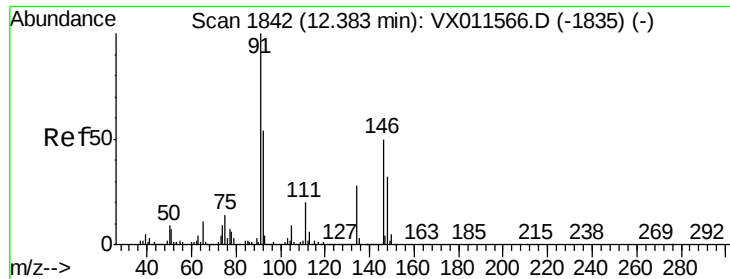
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#88
 1,4-Dichlorobenzene
 Concen: 49.986 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.7
148	64.9	32.5	97.5





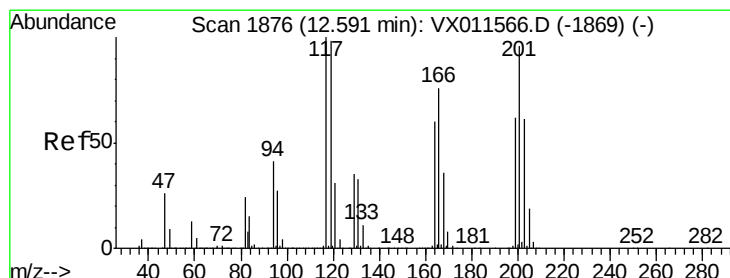
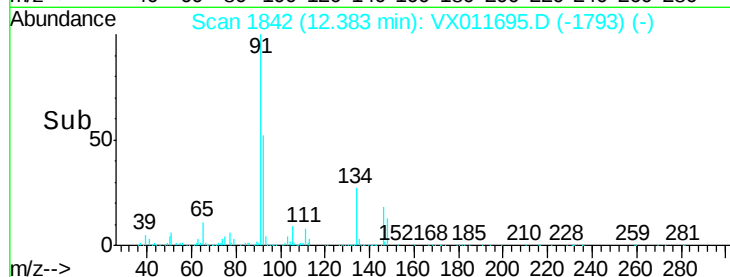
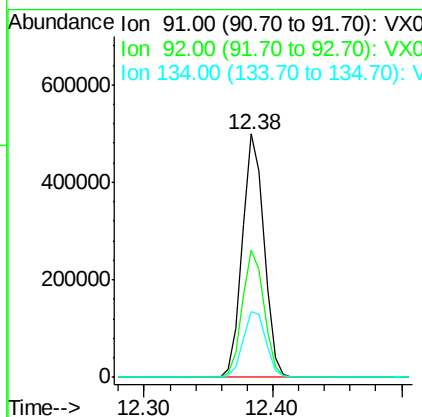
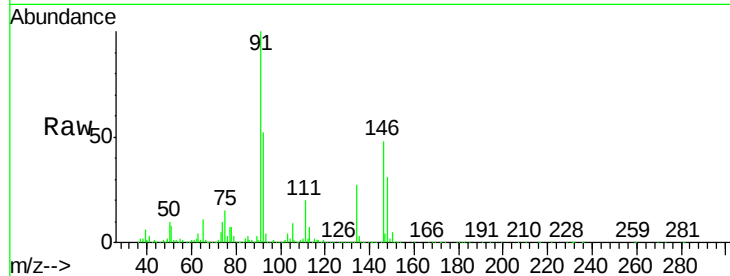
#89
n-Butylbenzene
Concen: 53.075 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.3
134	28.4	14.6	44.0

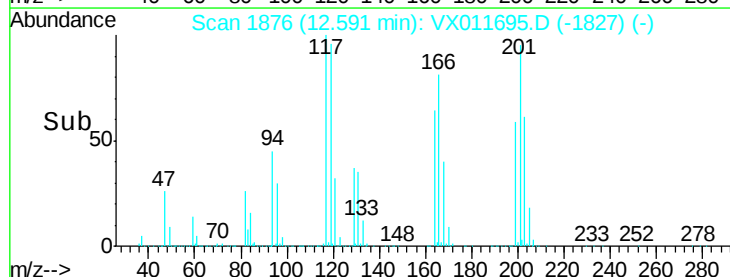
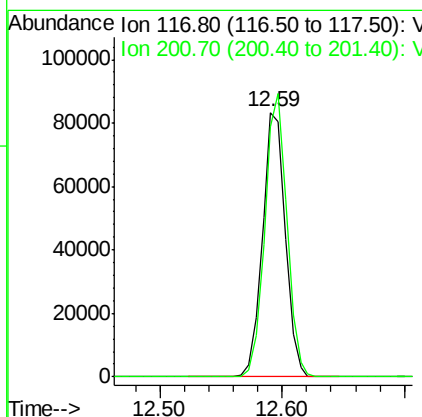
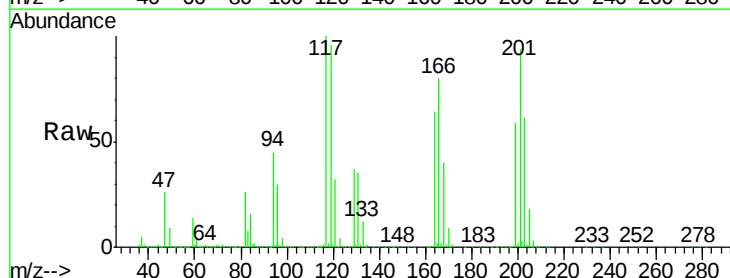
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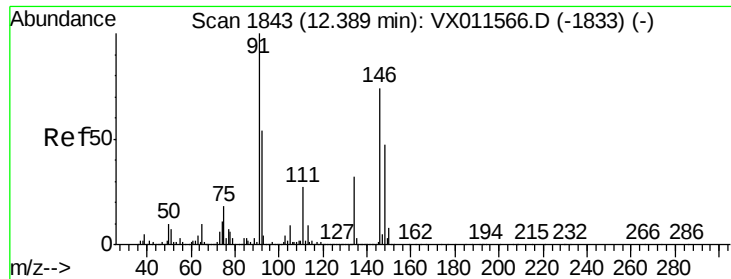
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#90
Hexachloroethane
Concen: 51.925 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011695.D
Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.0	51.9	155.7





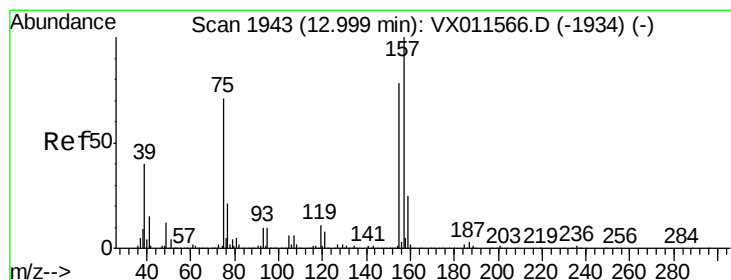
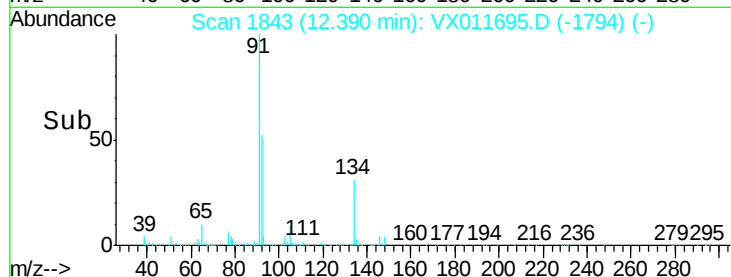
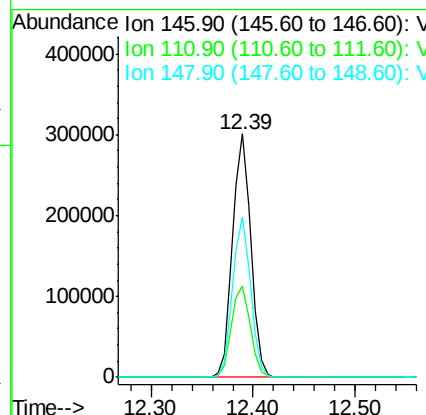
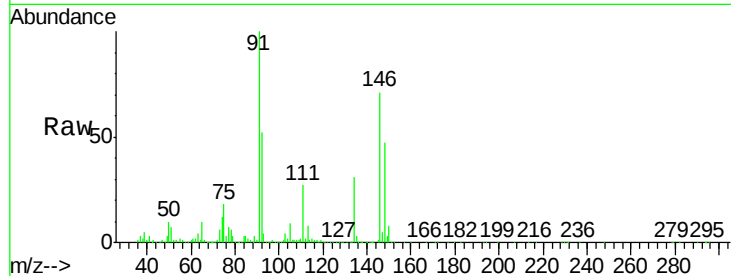
#91
 1,2-Dichlorobenzene
 Concen: 49.436 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.7
148	65.0	31.9	95.9

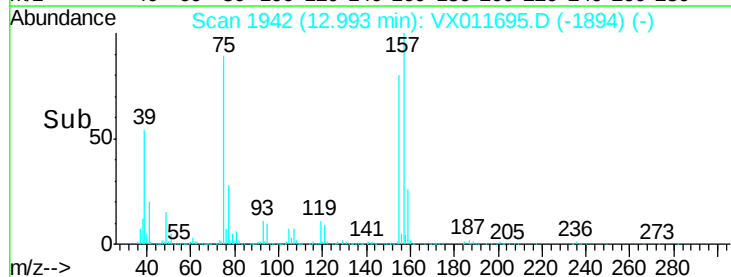
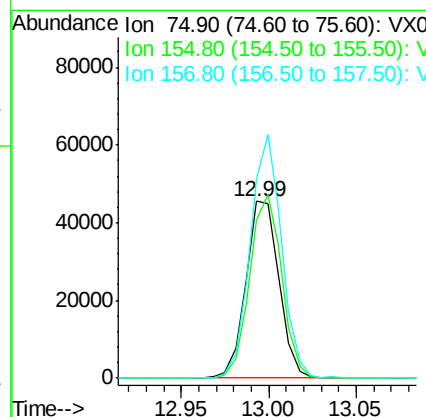
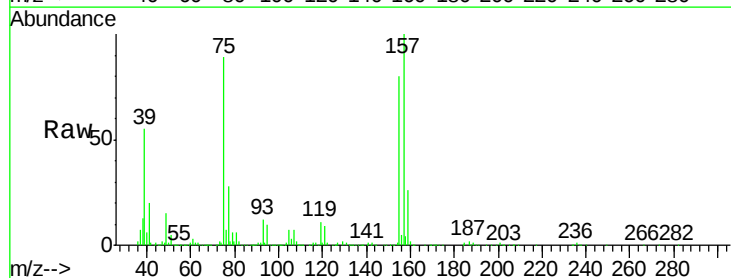
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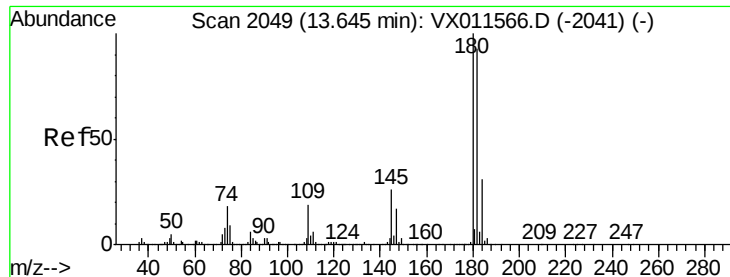
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.795 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	53.0	159.0
157	130.5	68.3	205.1





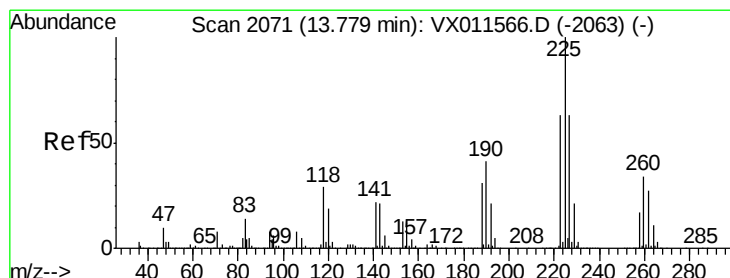
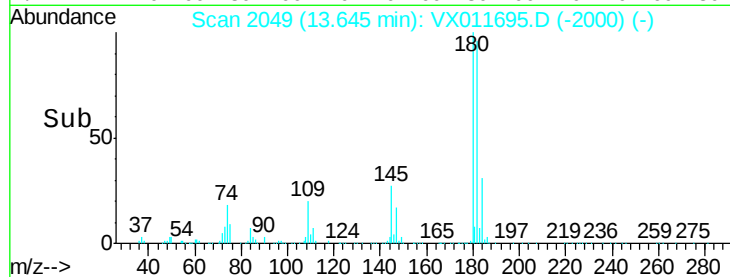
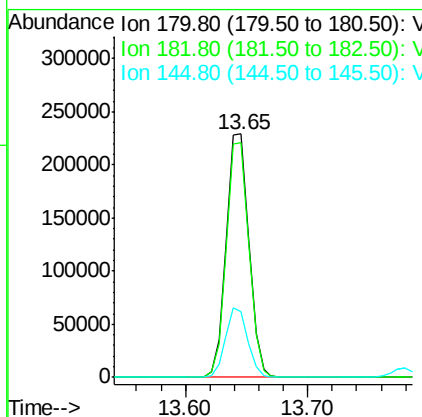
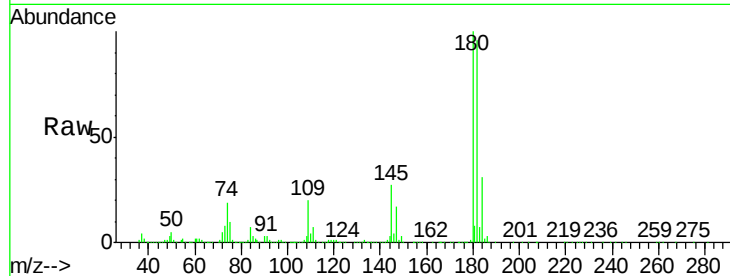
#93
 1,2,4-Trichlorobenzene
 Concen: 52.410 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	293421		
182	95.7	47.3	142.0	
145	27.7	13.6	40.8	

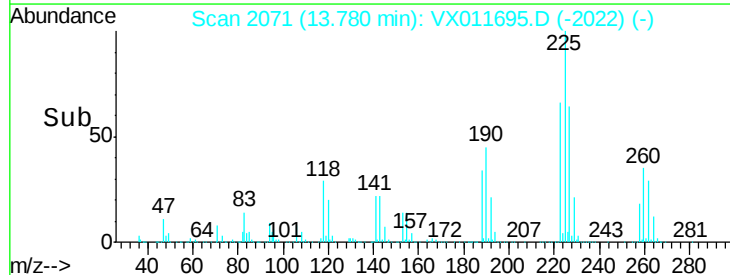
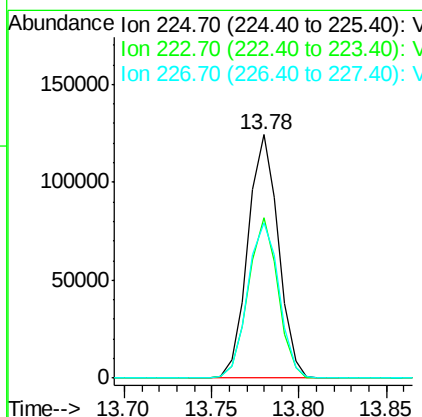
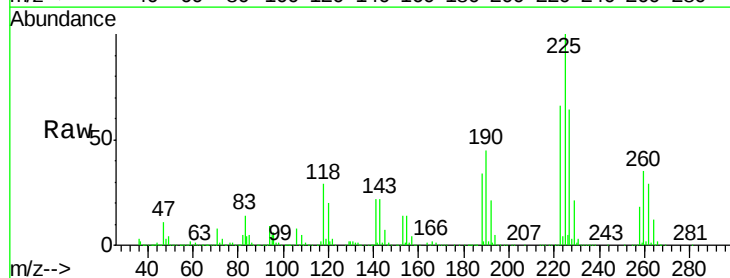
Manual Integrations
 APPROVED

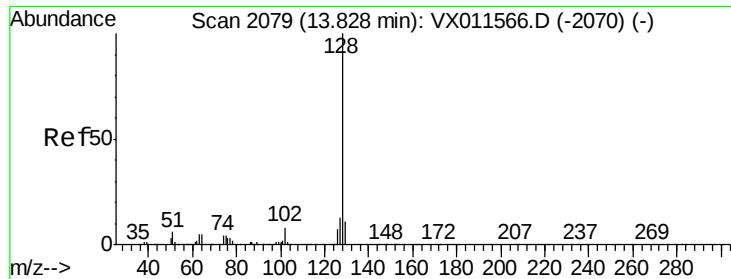
MMDadoda
 8/21/2019 9:36:18 AM



#94
 Hexachlorobutadiene
 Concen: 49.271 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011695.D
 Acq: 20 Aug 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150205		
223	64.1	31.4	94.0	
227	65.8	31.2	93.6	





#95

Naphthalene

Concen: 55.308 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Instrument :

MSVOA_X

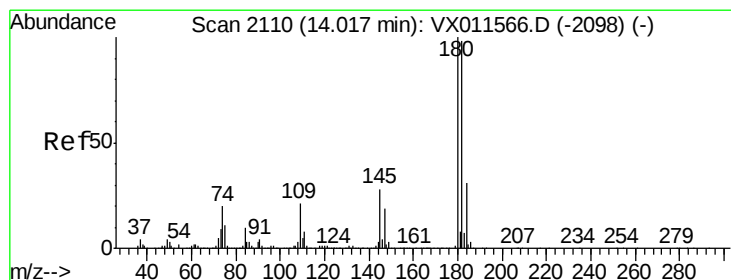
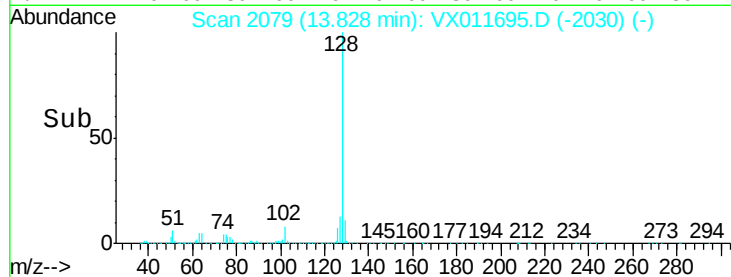
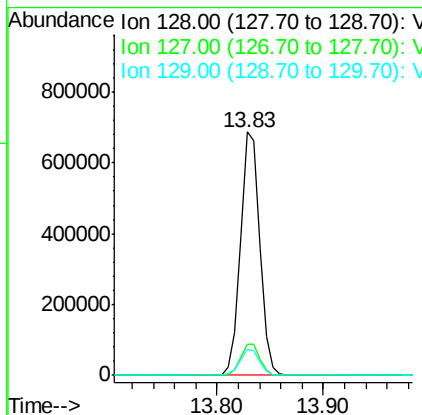
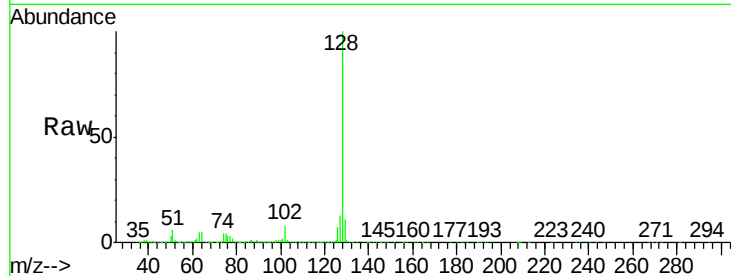
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	875373
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/21/2019 9:36:18 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.761 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011695.D

Acq: 20 Aug 2019 19:43

Tgt Ion:	180	Resp:	297933
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.0	144.0
145	29.6	14.6	43.8

